

WIND-TUNNEL STUDY OF
TABOR CENTER, DENVER

by

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LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν, ρ	Kinematic viscosity and density of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A, B, n	Constants
U_{rms}	Root-mean-square of fluctuating velocity
E_{rms}	Root-mean-square of fluctuating voltage
U_{∞}	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
δ	Height of boundary layer
T_u	Turbulence intensity $\frac{U_{rms}}{U_{\infty}}$ or $\frac{U_{rms}}{U}$
$C_{p_{mean}}$	Mean pressure coefficient, $\frac{(p-p_{\infty})_{mean}}{0.5 \rho U_{\infty}^2}$
$C_{p_{rms}}$	Root-mean-square pressure coefficient, $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{0.5 \rho U_{\infty}^2}$
$C_{p_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_{\infty})_{max}}{0.5 \rho U_{\infty}^2}$
$C_{p_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_{\infty})_{min}}{0.5 \rho U_{\infty}^2}$
$()_{min}$	Minimum value during data record
$()_{max}$	Maximum value during data record

<u>Symbol</u>	<u>Definition</u>
p	Fluctuating pressure at a pressure tap on the structure
p_{∞}	Static pressure in the wind tunnel above the model
F_x, F_y	Forces in X, Y direction
A_R	Reference Area
CF_x	Force coefficient, X direction, $\frac{F_x}{A_R 0.5\rho U_{\infty}^2}$
CF_y	Force coefficient, Y direction, $\frac{F_y}{A_R 0.5\rho U_{\infty}^2}$

1. INTRODUCTION

1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of cladding strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind-tunnel implementation can be found in references (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν , the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2 \times 10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7 - 10^8 for the full-scale and 10^5 - 10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 10 or 15 degrees and another set of data recorded for each pressure tap. Normally, 24 or 36 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. diameter) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are

given both for full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary layer than would otherwise be

available. The thicker boundary layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful

- (a) in understanding and interpreting mean and fluctuating pressures,
- (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and
- (c) in indicating areas where pedestrian discomfort may be a problem.

Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 24 or 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by means of a shaft projecting through

the floor of the wind tunnel. A computer-controlled stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are setra differential transducers (Model 237) with a 0.10 psid range. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot-static tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Output from the pressure transducers is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital converter. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 ft (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position, located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. diameter platinum film sensing element 0.020 in. long. Output is directed to the on-line data acquisition system for analysis.

Calibration of the hot-wire anemometer is performed by comparing output with the pitot-static tube in the wind tunnel. The calibration

data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where E is the hot-wire output voltage, U the velocity and A , B , and n are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form U_{rms} (root-mean-square velocity) was obtained from

$$U_{rms} = \frac{2 E E_{rms}}{B n U^{n-1}}$$

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer U_{∞} . Turbulence intensity in velocity profile measurements used the local mean velocity.

4. RESULTS

4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

4.2 Velocity

Velocity and turbulence profiles are shown in Figure 7. Profiles were taken upstream from the model which are characteristic of the boundary layer approaching the model and sometimes at the building site with building removed. The boundary-layer thickness, δ , is shown in Figure 7. The corresponding prototype value of δ for this study is also shown in the figure. This value was established as a reasonable height for this study. The mean velocity profile approaching the modeled area has the form

$$\frac{U}{U_{\infty}} = \left(\frac{z}{\delta}\right)^n.$$

The exponent n for the approach flow established for this study is shown in Figure 7.

Profiles of longitudinal turbulence intensity in the flow approaching the modeled area are shown in Figure 7. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the velocity profiles, turbulence intensity is defined

as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the local mean velocity U ,

$$Tu = \frac{U_{rms}}{U}.$$

Velocity data obtained at each of the pedestrian measurement locations shown in Figure 4 are listed in Table 2 as mean velocity U/U_∞ , turbulence intensity U_{rms}/U_∞ , and largest effective gust

$$U_{pk} = \frac{U + 3U_{rms}}{U_\infty}$$

These data are plotted in polar form in Figure 8. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30-40 ft, were converted to velocities at the reference velocity height for the wind-tunnel measurements and combined with the wind-tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4) and Melbourne (5). The Beaufort scale (from ref. 4), based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Quantitative criteria for acceptance from reference 5 are superimposed as dashed lines on Figure 9. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say about one of these gusts per hour). Implications of the data plotted in Figure 9 are presented in Section 5.2.

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.

4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients. The first is the mean pressure coefficient

$$C_{p_{\text{mean}}} = \frac{(p-p_{\infty})_{\text{mean}}}{0.5 \rho U_{\infty}^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5 \rho U_{\infty}^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{\text{rms}}} = \frac{\left((p-p_{\infty}) - (p-p_{\infty})_{\text{mean}} \right)_{\text{rms}}}{0.5 \rho U_{\infty}^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean.

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed. However, the pressure fluctuations do not, in general, follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{p_{\max}} = \frac{(p-p_{\infty})_{\max}}{0.5 \rho U_{\infty}^2}$$

$$C_{p_{\min}} = \frac{(p-p_{\infty})_{\min}}{0.5 \rho U_{\infty}^2}$$

The values of $p-p_{\infty}$ which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full-scale, are examined individually by the computer to obtain the most positive and most negative values during the 16-second period. These are converted to $C_{p_{\max}}$ and $C_{p_{\min}}$ by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest peak positive and peak negative pressure coefficients. Table 6 lists the larger values and associated wind directions. Included in Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the $0.5 \rho U_{\infty}^2$ denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (6). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (7).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6 and are listed as peak pressures in that table. The maximum psf loads given at each tap location are the largest peak positive and peak negative values found in the tests. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding load shown in Table 6 have been plotted on developed elevation views of the structure,

Figure 10. If a data point which is taken in the basic model configuration is retaken in a resolution configuration, the data are averaged in preparing Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

For glass design pressures, a glass load factor is used to account for the different duration between measured peak pressures and the one minute loading commonly used in glass design charts. The design pressure used for glass is normally less than the peak pressures used for cladding design because of the static fatigue property of glass which can withstand higher pressures for short duration loads than for long duration loads. Recent research (8) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak-pressure values, then a glass strength associated with this duration load should be used. Because glass design charts are normally based on some alternate load duration -- usually one minute -- then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration. Current glass selection charts showing glass strength as a function of load duration (9) and older references (10) indicate the following load reduction factors:

	ref 9	ref 10
annealed float	0.80	0.81
heat strengthened	0.94	
tempered	0.97	0.98

Loadings appropriate for glass design can be computed by multiplying the peak-pressure loads of Table 6 by these load factors.

4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y, and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for all wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading which are useful in designing the structural framing of the proposed building may be obtained from use of these coefficients.

Force coefficients were computed for each floor for each wind direction using the equations shown below.

$$CF_X = \frac{F_X}{A_R 0.5 \rho U_\infty^2} \quad CF_Y = \frac{F_Y}{A_R 0.5 \rho U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients CF_X and CF_Y were computed for the horizontal forces acting along the X and Y axes using the mean pressure coefficient at each pressure tap. A_R represents a constant reference area for nondimensionalization of the forces and moments.

The total forces acting on the full-scale building for each floor and wind direction were computed by multiplying the above coefficients by the appropriate full-scale reference area, by the reference pressure of Table 5, and by a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. A table of gust load factors for various gust durations is

incorporated in Table 5 so that force and moment data of Table 7 may be adjusted to a different load duration if desired.

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an X', Y' axis through the floor of interest. Moments about the Z axis were calculated by considering the displacement of forces in the X and Y directions from the Z axis shown in Figure 3. Eccentricities were computed such that the product of the Y force and X eccentricity minus the product of the X force and Y eccentricity equaled the Z moment. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed that the largest pressures would probably be found near the top and bottom corners and setbacks on the Tower A and Tower B due to conventional flow separation and development of vortex flows. Both Tower A and Tower B were shielded by surrounding structures for many wind directions so that the number of high-pressure zones should be decreased from that expected in an open exposure. The hotel structure appeared to be reasonably well shielded from most winds and did not appear to have high pressure zones as extensive as those on the two towers.

Wind speeds in sidewalk and ground-level plaza areas appeared to be fairly low in general. The highest winds appeared to be on the sidewalk at the north corner of Tower B where moderately high winds occurred for a wide range of wind directions. Winds on the elevated plaza appeared to be somewhat higher in speed than those at ground level; the wind speeds were quite high for selected wind directions between the towers and near the west corner of Tower A. The local area where Tower B, the elevated plaza, and the pedestrian bridge across Larimer meet (location 18 in Figure 4) appeared to have very high winds for northwesterly winds.

5.2 Pedestrian Winds

Figure 4 shows the 30 locations selected for investigation of pedestrian wind comfort. Location 1 was selected as a reference location which should be reasonably undisturbed by presence of the Tabor Center project and which should be a moderately windy location. All pedestrian wind data were obtained with both Tower A and Tower B in place. Table 2 and Figure 8 show that the largest mean velocities

were measured at location 21 with values of 81 and 90 percent of the mean velocity, U_{∞} , at the boundary-layer height. The next highest mean velocity was 68 percent at location 17. For comparison, reference location 1 experienced 66 percent of U_{∞} while an open-country environment might expect about 40 to 45 percent.

The largest values of fluctuating velocity, U_{rms} , were measured at locations 17 and 18 with values of 26 percent of U_{∞} . Reference location 1 had a largest value of 20 percent; an open-country environment might expect 10 to 12 percent. The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 17, 18 and 22 with 140 to 154 percent of U_{∞} . Reference location 1 had a largest peak gust of 121 percent of U_{∞} while an open-country location might expect 75 to 85 percent.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest location of those measured should be 21 which exceeded the published criteria for acceptability for mean winds about 4 percent of the time and exceeded the comfort criteria for walking about 10 percent of the time. Other locations which exceeded the comfort criteria for walking about 10 percent of the time but which remained within the acceptable limit were 20, 22, 25 and 29. Reference location 1 was somewhat windier exceeding the comfort criteria for walking about 30 percent of the time. Most other locations about the project were much less windy than those locations cited above. Of all locations measured, only location 21 was substantially windier for mean winds, at low frequencies of occurrence (below 5 percent of the time), than typical locations at other

street corners in the downtown Denver area. Wind gusts appeared, based on Figure 9, to be of less pedestrian concern than mean winds.

The results of the pedestrian wind analysis indicated that several locations would be moderately windy, but not windier than a number of other street corner locations in the downtown area, including the reference locations. One location, 21, was quite moderate in wind speeds for 80 to 85 percent of the time but was exceptionally windy for about 5 percent of the time. This location may produce sporadic pedestrian discomfort.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the Tabor Center complex including Tower A, taller Tower B, the podium structure on which Towers A and B rest and the hotel building. Data in Table 6 and Appendix A are identified by configurations from A to H. These configurations are described in Figure 4b.

The largest peak pressure acting on the Tabor Center complex without Tower B in place was -80 psf for the 100-year recurrence wind at tap 1340 on Tower A for a wind direction of 320 degrees. This pressure was a result of a flow separation near the intersection of the tower corner with the podium where high velocity winds, concentrated by wind flow down the northwest face of the tower, passed around the building corner. With Tower B in place, Configuration B, the highest pressure on the complex, excluding Tower B, was -72 psf at tap 134 on the hotel for a wind direction of 320 degrees. The presence of Tower B decreased the peak pressure on Tower A from -80 to -69 psf but increased the peak pressure on the hotel from -46 to -69 psf.

The largest peak pressure on Tower B, listed in Configuration C of Table 6, was -66 psf at tap 2123 where a vortex was observed to form during the flow visualization study.

Configurations F, G and H represent data obtained at selected taps from Configurations A, B and C, respectively, near azimuths where large pressure peaks were observed in Configurations A, B and C to ensure that the largest peaks were obtained. Most of the 2-degree data reproduced that of the original data well. One data point did not. The -72 psf measured at tap 134 in Configuration B repeated during the 2-degree data at -36 psf. This is an indication of a wide dispersion in the probability distribution defining the peak pressure at this location. Recent research in this laboratory indicates that an average of these two measured values increased by 7 percent (-58 psf) is a reasonable design point.

Figure 10 shows contour plots of peak pressures on the buildings in the complex. The figure shows that typical peak negative pressures were mostly in the -20 to -50 psf range. Peak positive pressures were in the 10 to 25 psf range.

Data for Configurations D and E in Table 6 show peak pressures measured on adjacent buildings with the preconstruction geometry of the site (Configuration D) and with the Tabor Center complex including Tower B in place (Configuration E) to assess the impact of the Tabor Center complex on these adjacent buildings. The buildings on which measurements were made were the D&F Tower, 17th Street Plaza, Denver National Bank and Park Central Plaza. Results of that study are presented in Table 6 (Configurations D and E and comparison of D and E). Analysis of the data indicated that 27 of the 111 taps measured increased in peak negative load

by 5 psf or more, 2 by 20 psf or more (tap 5406 on the D&F Tower which increased to -77 psf and tap 7110 on the Denver National Bank which increased to -57 psf). The Tabor Center also decreased some peak pressures on adjacent buildings.

The largest peak pressure in psf acting at any of the measurement points on the four adjacent buildings for each configuration are listed below.

<u>Building</u>	<u>Configuration D Tabor Center Out</u>	<u>Configuration E Tabor Center In</u>
D&F Tower	- 57	- 77
17th Street Plaza	-100	- 55
Denver National Bank	- 48	- 59
Park Central Plaza	- 29	- 39

Figure 11 shows load, shear and moment distributions plotted from Table 7 for the largest loads in the X and Y direction for Tower A with and without Tower B, for Tower B, and for the hotel with and without Tower B. For Towers A and B, the base shears and moments were computed at the plaza level. Figure 11 shows that, in some cases, the maximum load in one coordinate direction is accompanied by a significant load in the other coordinate direction. Table 7 shows that torsional moments reached larger values on Tower B than on Tower A, but in neither case did maximum torsion occur in the presence of maximum bending moments. Torsion on the hotel was reasonably modest.

Integrated loads on Tower A were checked by installing a model of Tower A on a high-frequency base moment balance. Two overturning moments (about the X and Y axes) and the torsional moment were recorded. Data were obtained for Configuration B without Tower B in place and for an isolated case where all city surroundings were removed. Figure 12 shows

the results of that investigation and comparison with the moments obtained by integration of pressures. A set of pressure measurements were made for Tower A in the isolated environment for comparison with the moment balance data (integrated loads are presented in Table 7 and Figure 12). All X and Y moments in Figure 12 were referred to the plaza level. Figure 12 shows reasonable agreement between the peak base moments determined by base moment balance and pressure integration. Building loads obtained by pressure integration are adequate for design purposes.

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2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME Jl. of Fluids Engineering, Vol. 97, No. 1, March 1975.
3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.
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5. Melbourne, W. H., "Criteria for Environmental Wind Conditions," Jl. Industrial Aerodynamics, Vol. 3, pp. 241-247, 1978.
6. American National Standards Institute, "American National Standard Building Code Requirements for Minimum Design Loads in Buildings and Other Structures," ANSI Standard A58.1, 1972, or the revised ANSI Standard A58.1 to be published.
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8. Peterka, J. A., and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colorado State University, September 1974.
9. PPG Glass Thickness Recommendations to Meet Architects' Specified 1-Minute Wind Load, Pittsburgh Plate Glass Industries, April 1979.
10. Shand, E. B., "Glass Engineering Handbook," Second Edition, McGraw-Hill, New York, p. 51, 1958.

FIGURES

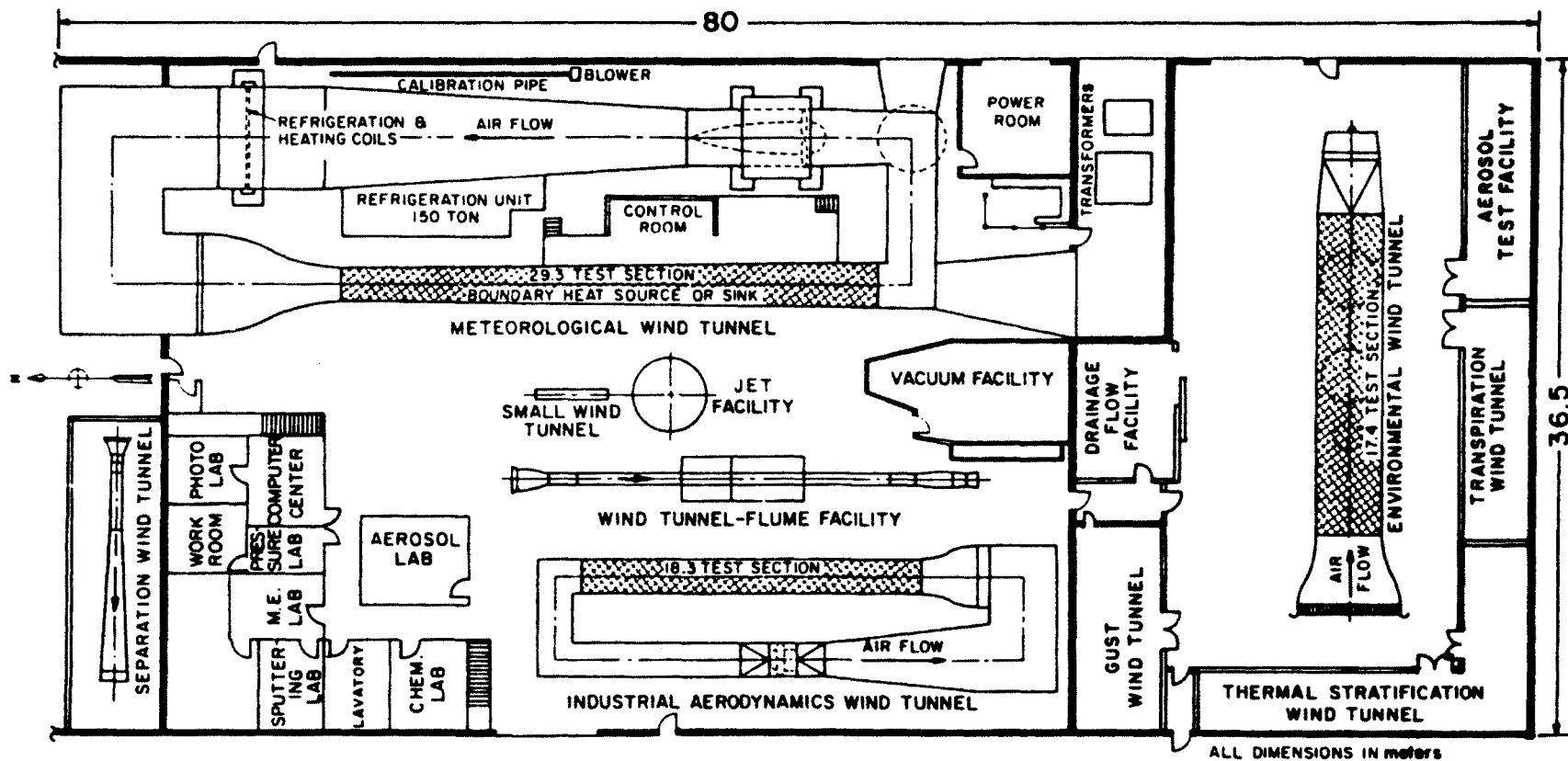
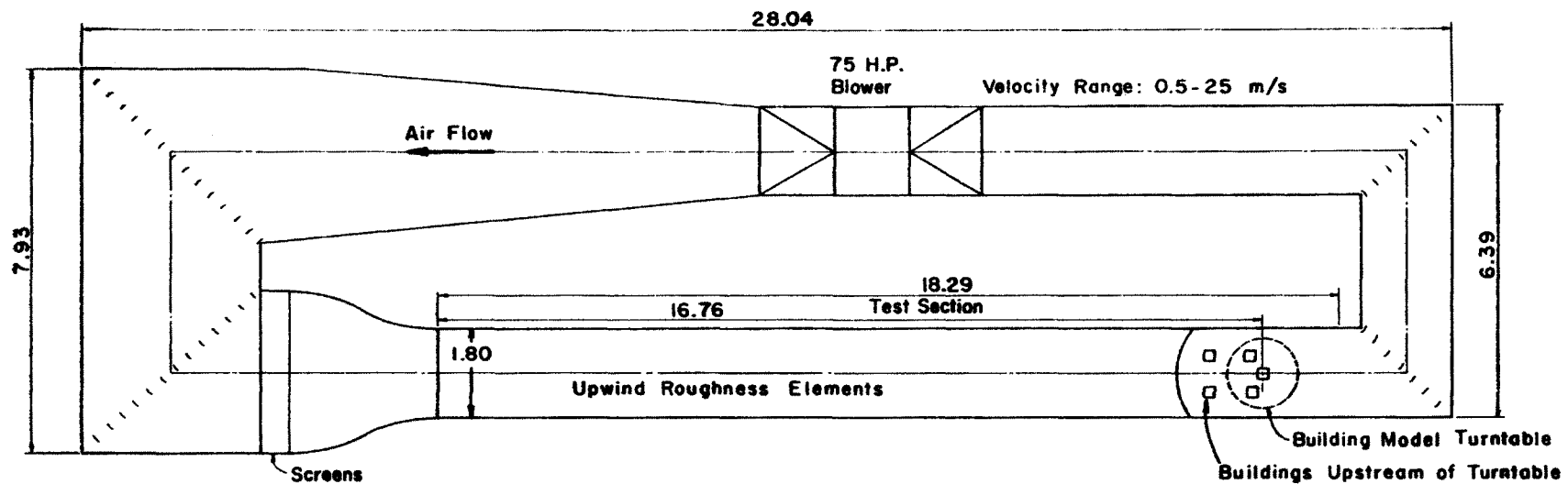
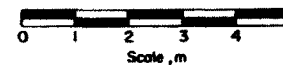


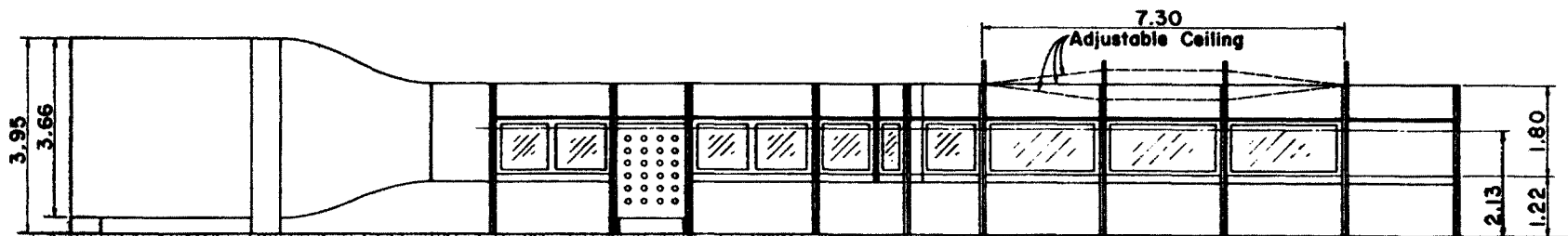
Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



PLAN



30

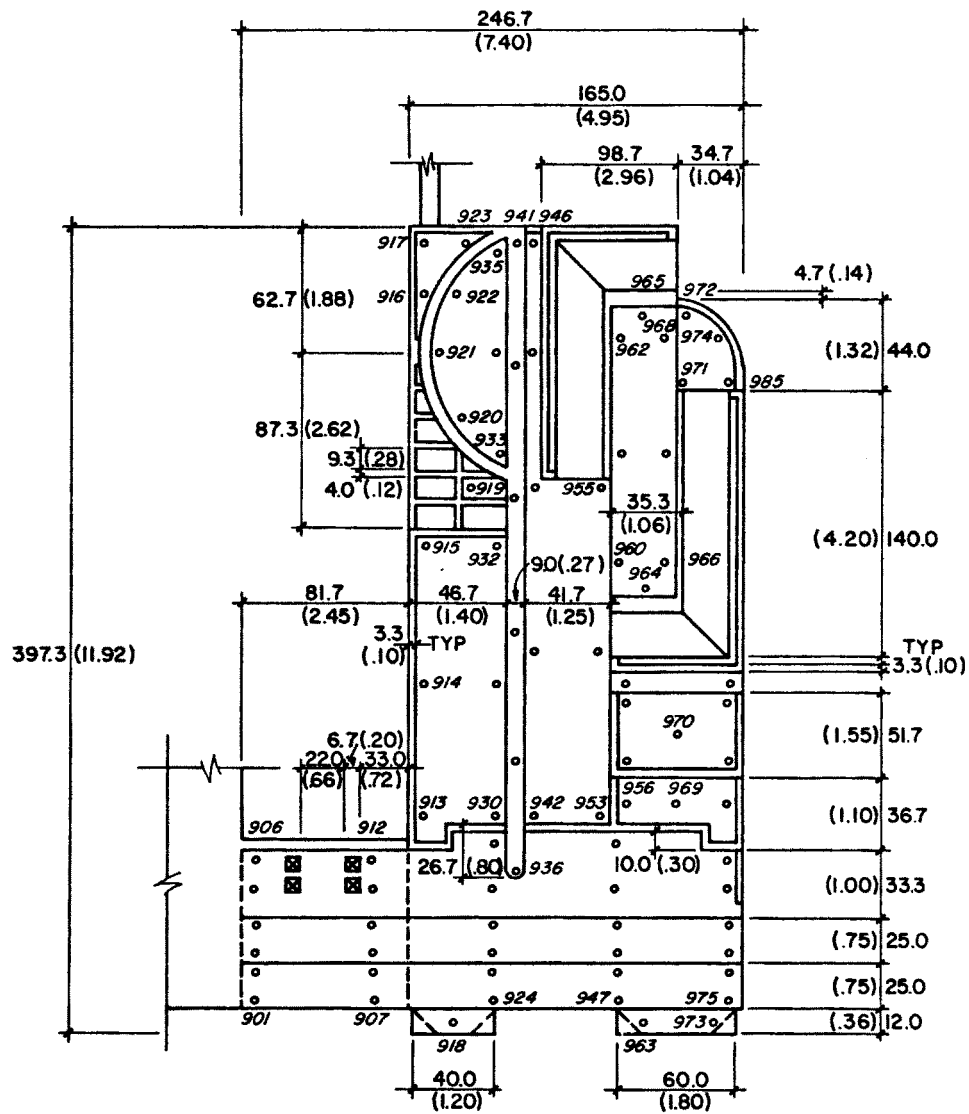


All Dimensions in m

ELEVATION

INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration



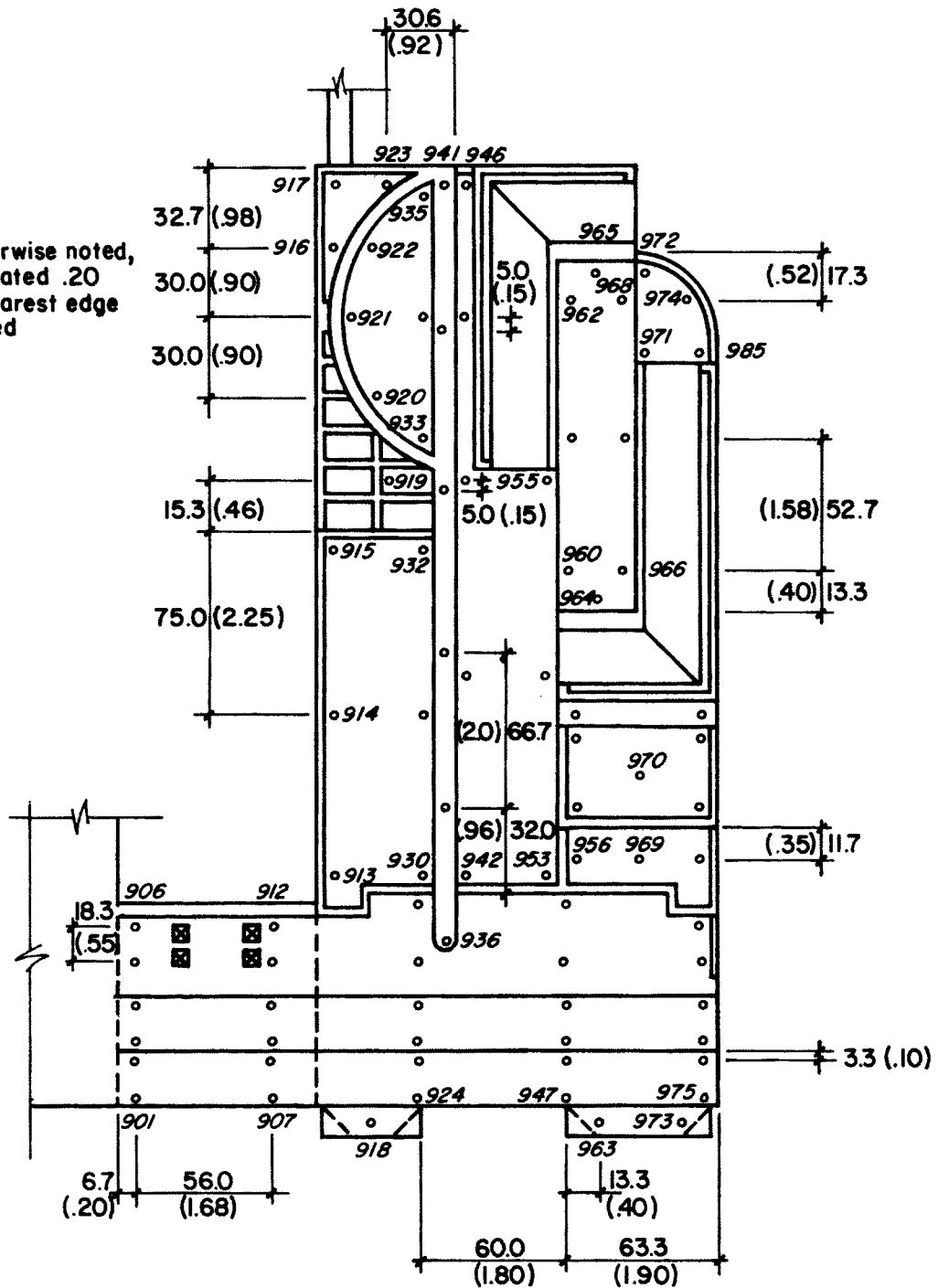
HOTEL
ROOF
(STRUCTURAL DIMENSIONS)
TOTAL TAPS = 398
MODEL SCALE = 1/400
DIMENSIONS IN MODEL INCHES ()
AND FULL SCALE FEET



Figure 3a. Pressure Tap Locations

NOTE:

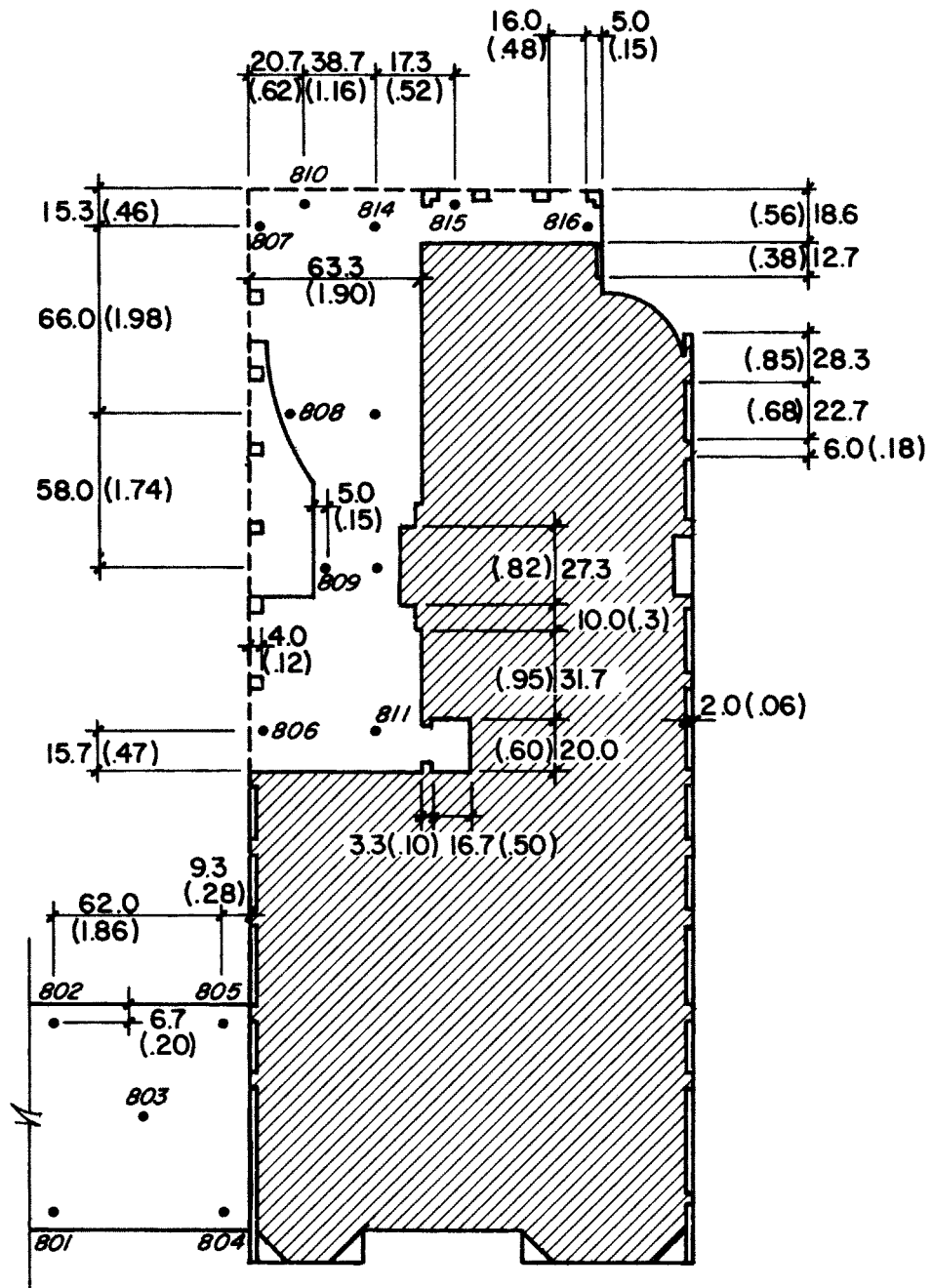
unless otherwise noted,
taps are located .20
from the nearest edge
and centered



ROOF

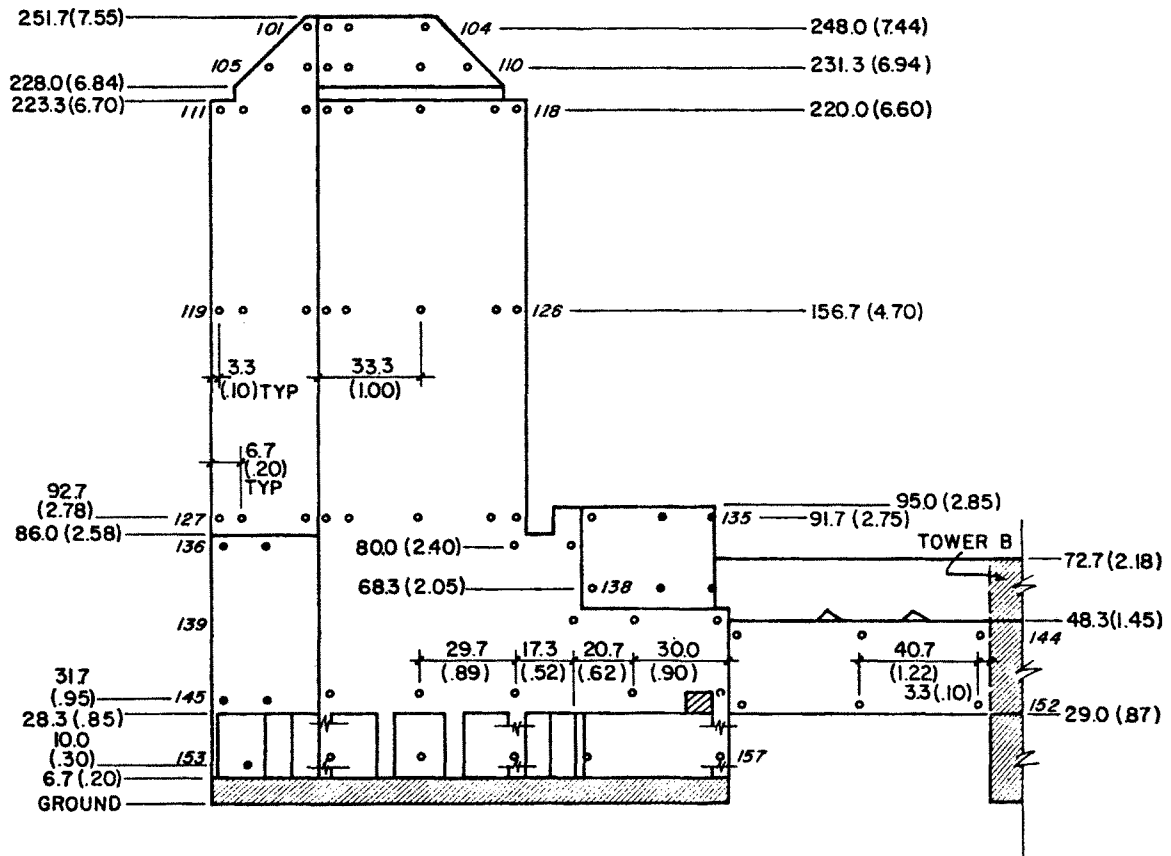
(TAP DIMENSIONS)

Figure 3b. Pressure Tap Locations



SOFFIT

Figure 3c. Pressure Tap Locations



NOTE: darkened taps are dimensioned
on another face

NORTH

Figure 3d. Pressure Tap Locations

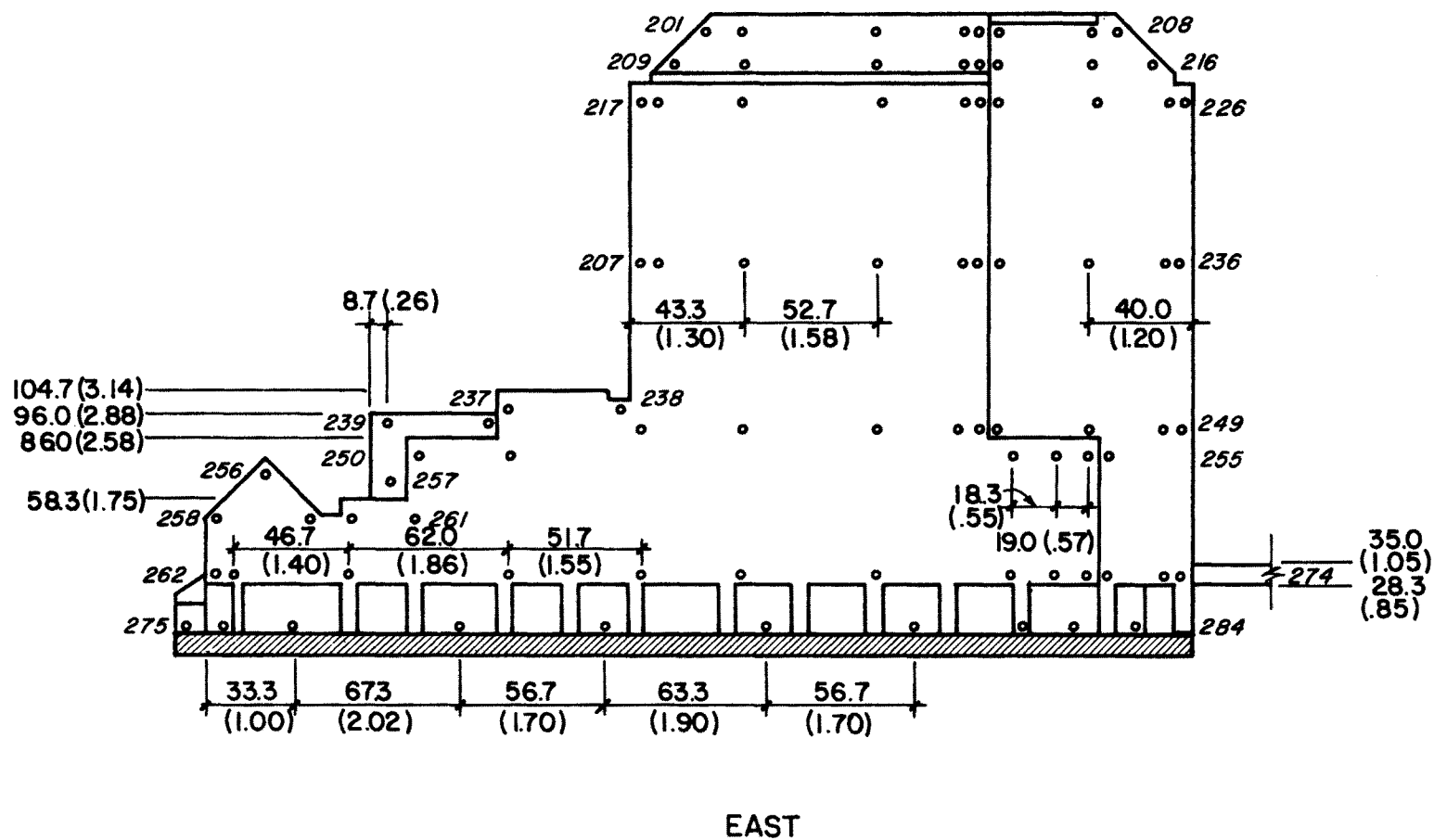


Figure 3e. Pressure Tap Locations

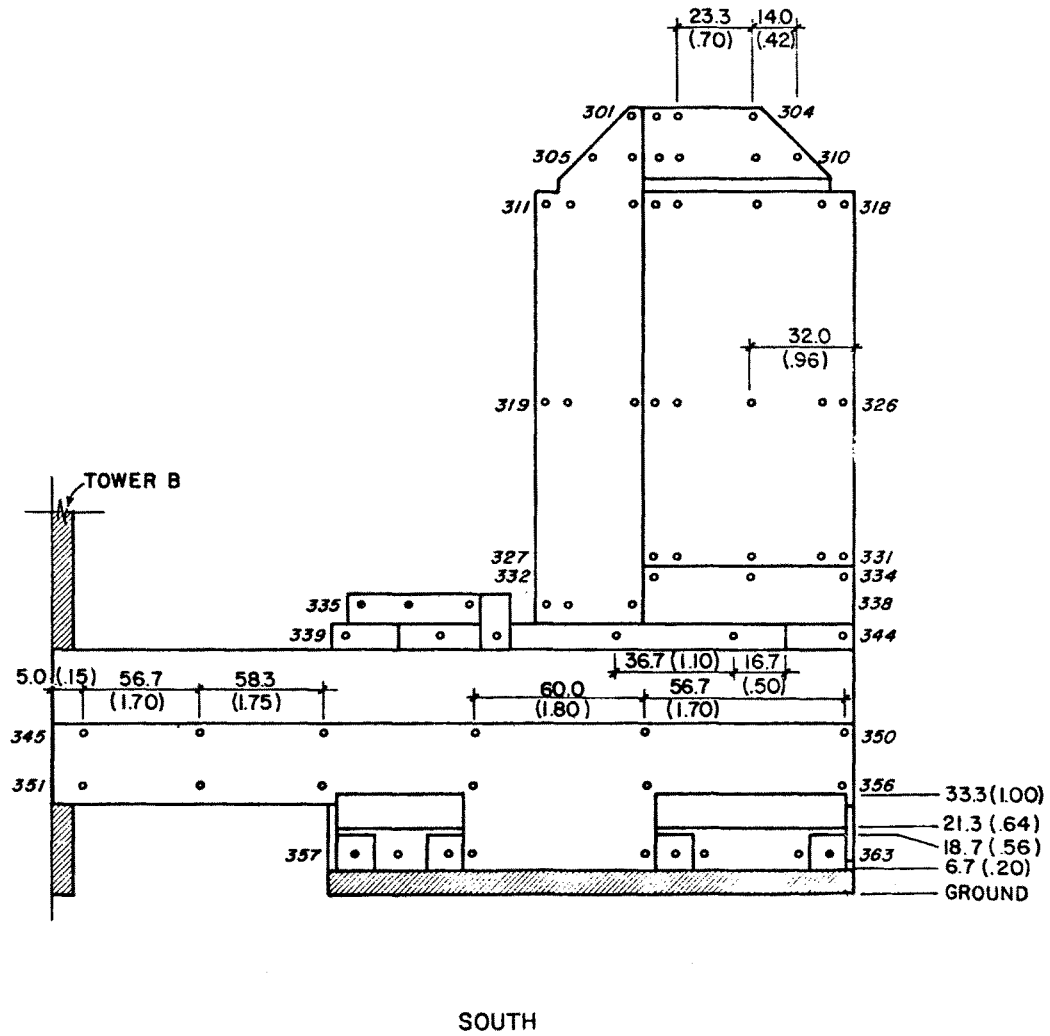
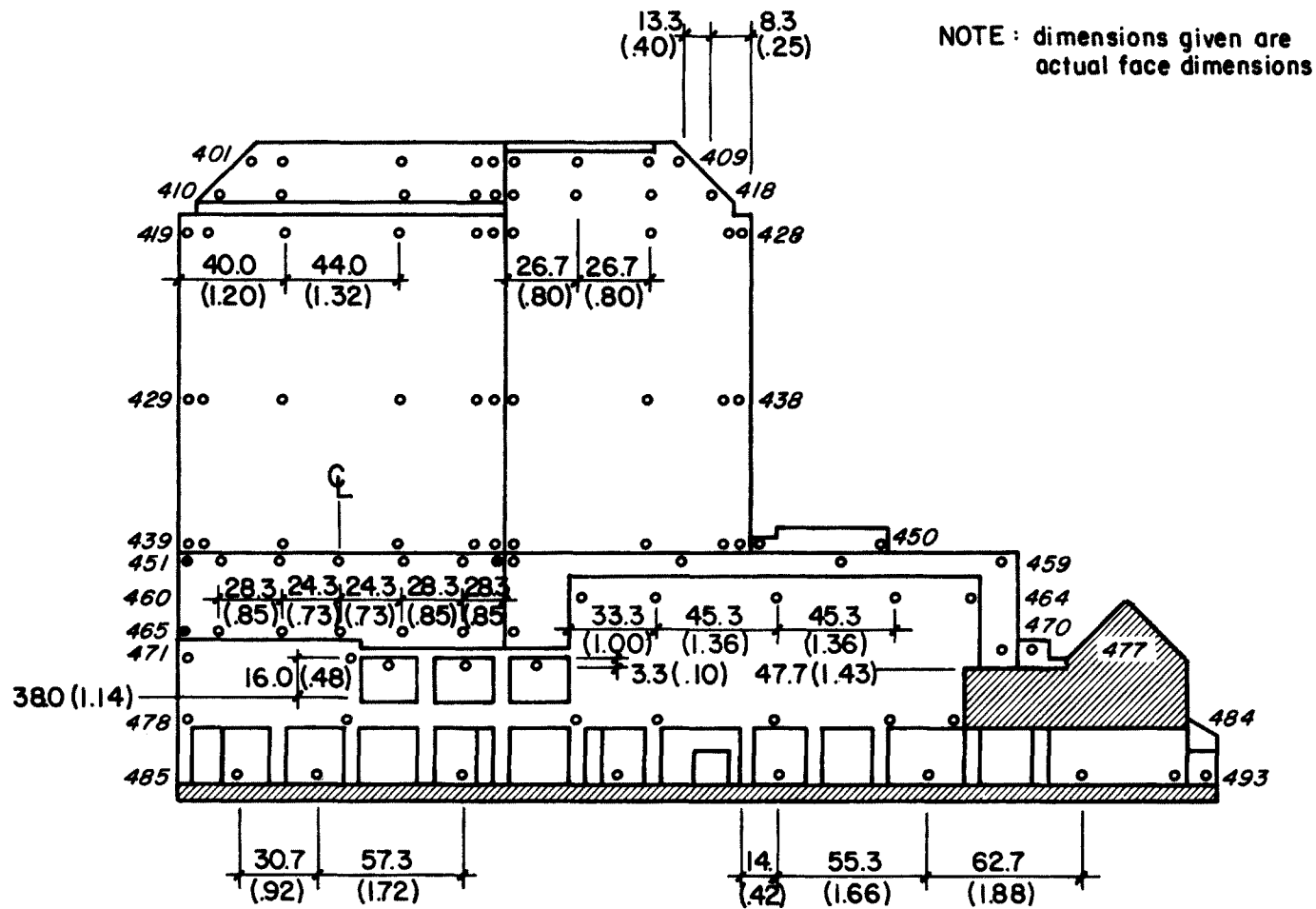
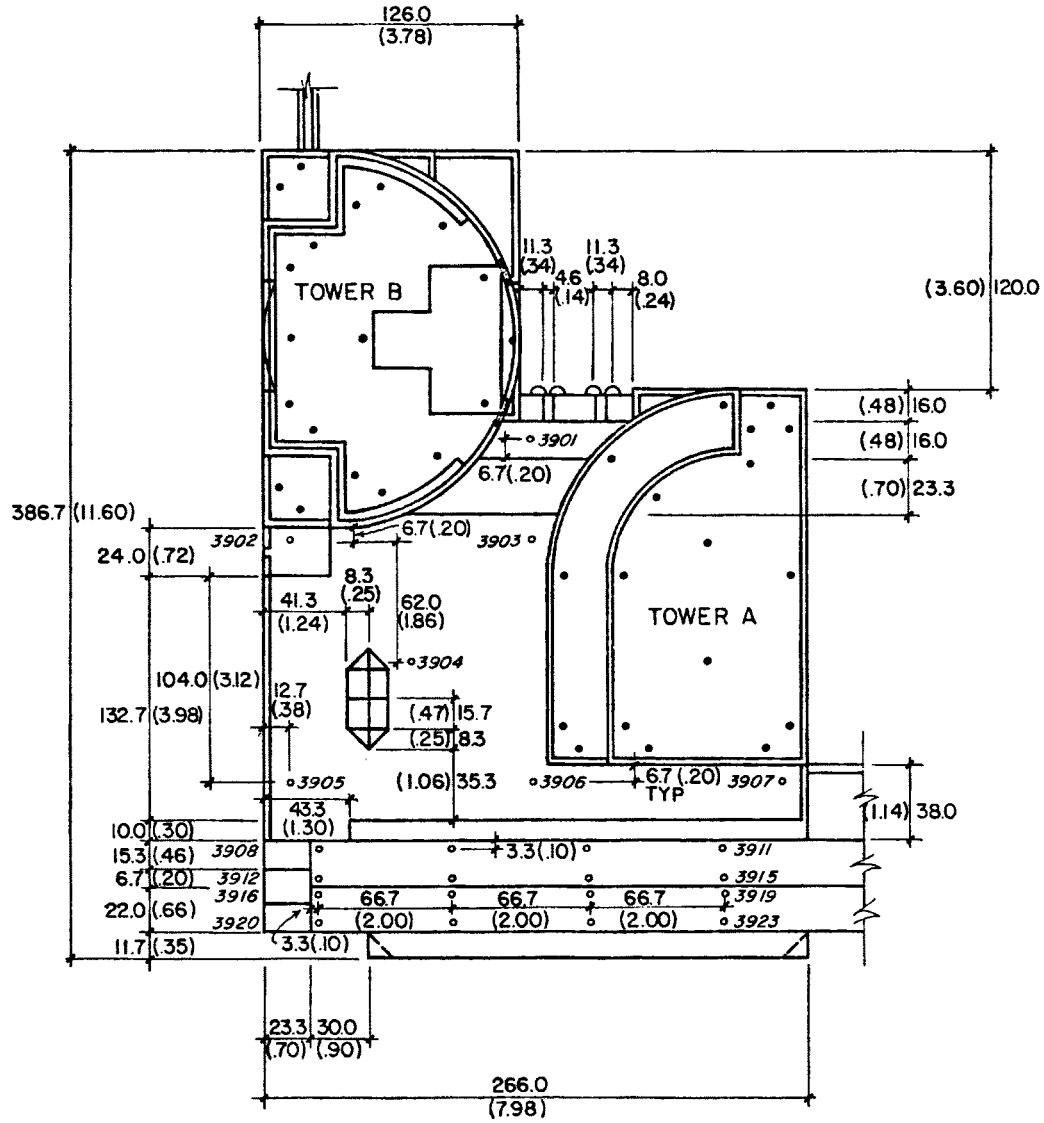


Figure 3f. Pressure Tap Locations



WEST

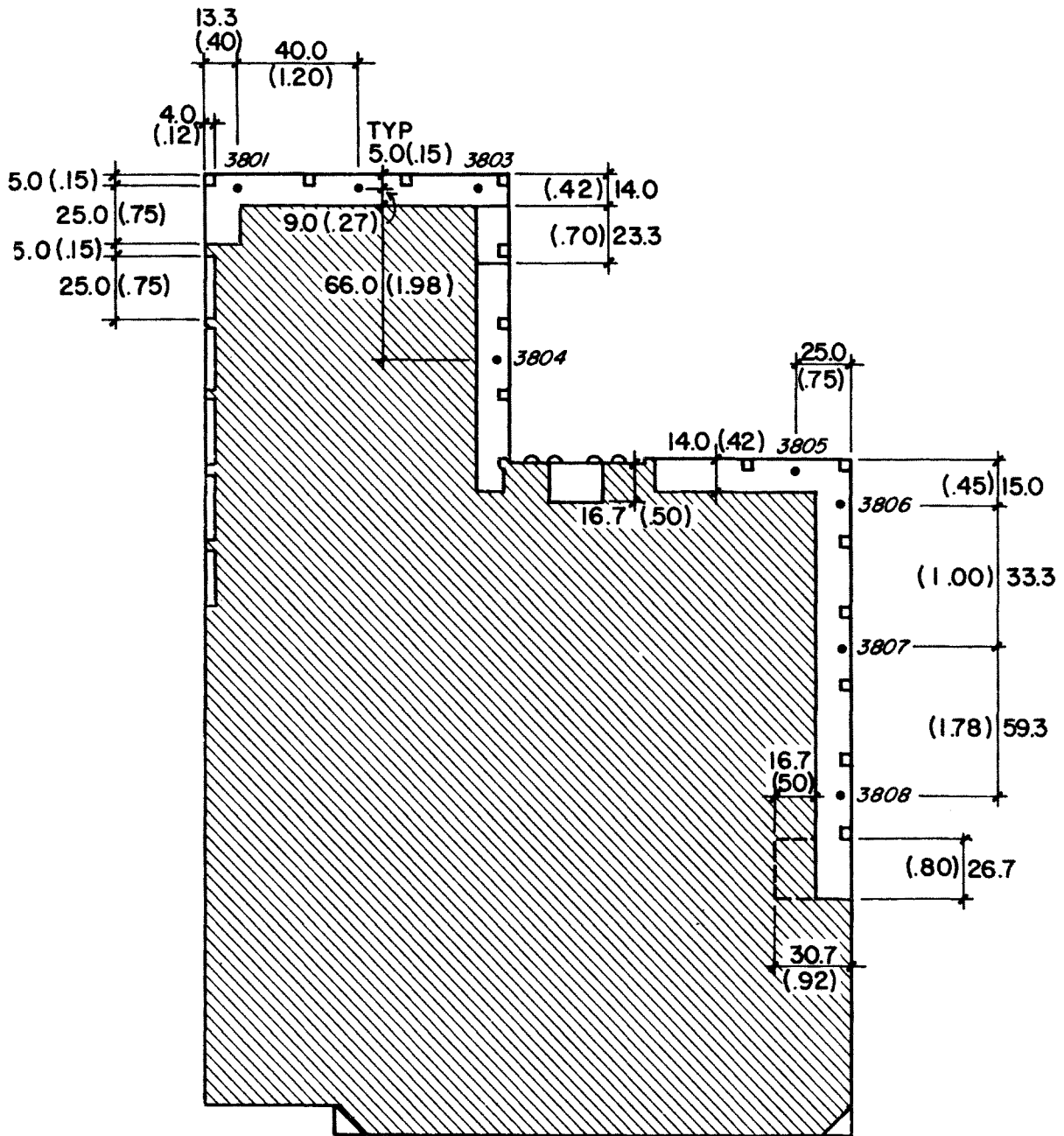
Figure 3g. Pressure Tap Locations



PLAZA



Figure 3h. Pressure Tap Locations



SOFFIT

Figure 3i. Pressure Tap Locations

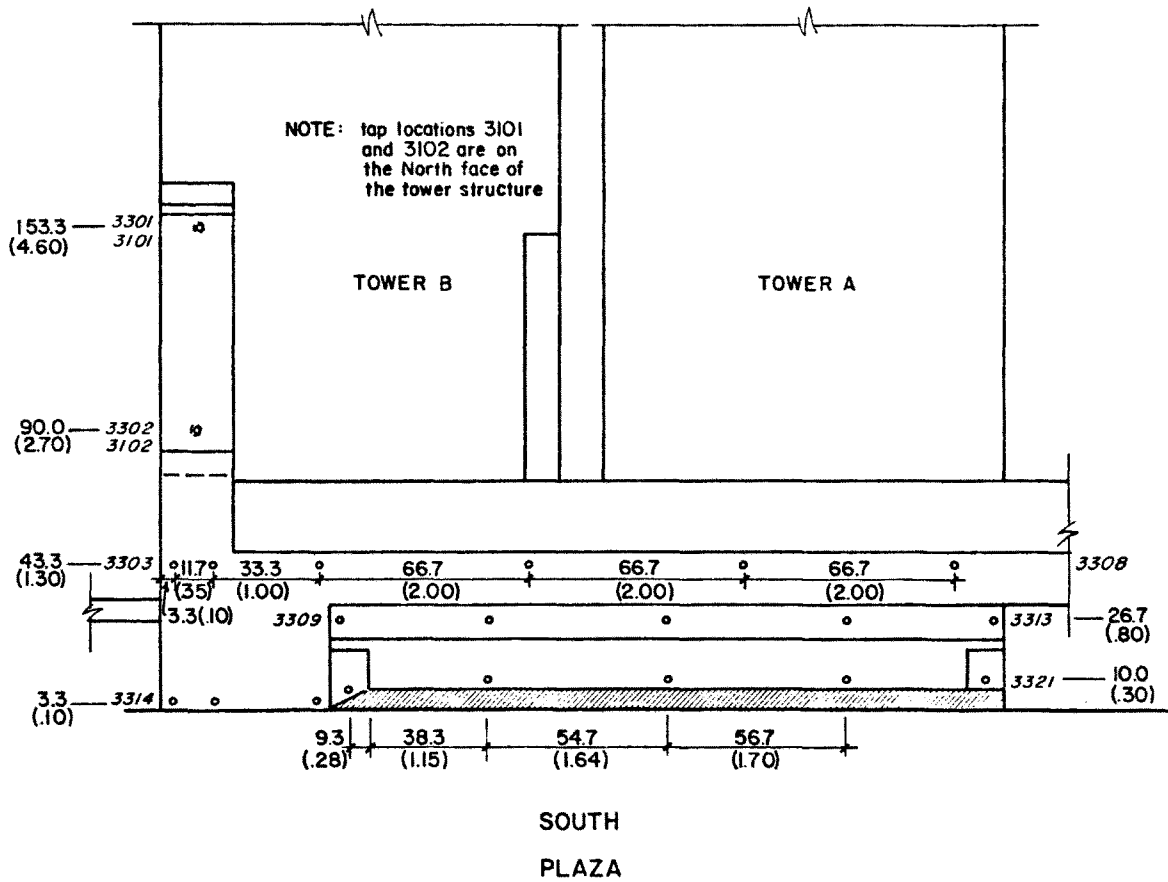
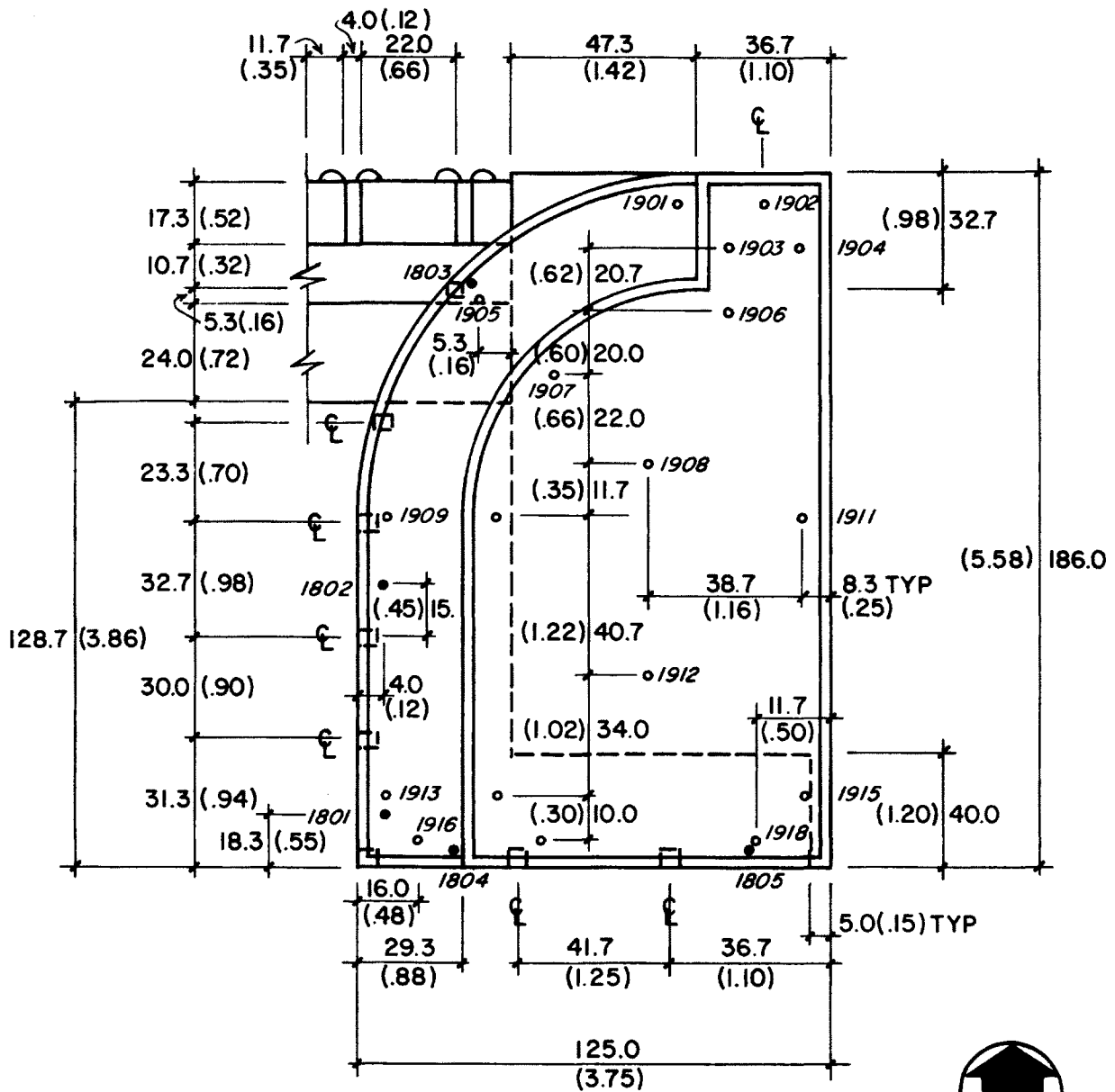


Figure 3j. Pressure Tap Locations



ROOF
TOWER "A"

TOTAL TAPS = 280

- ROOF TAPS
- SOFFIT TAPS

Figure 3k. Pressure Tap Locations

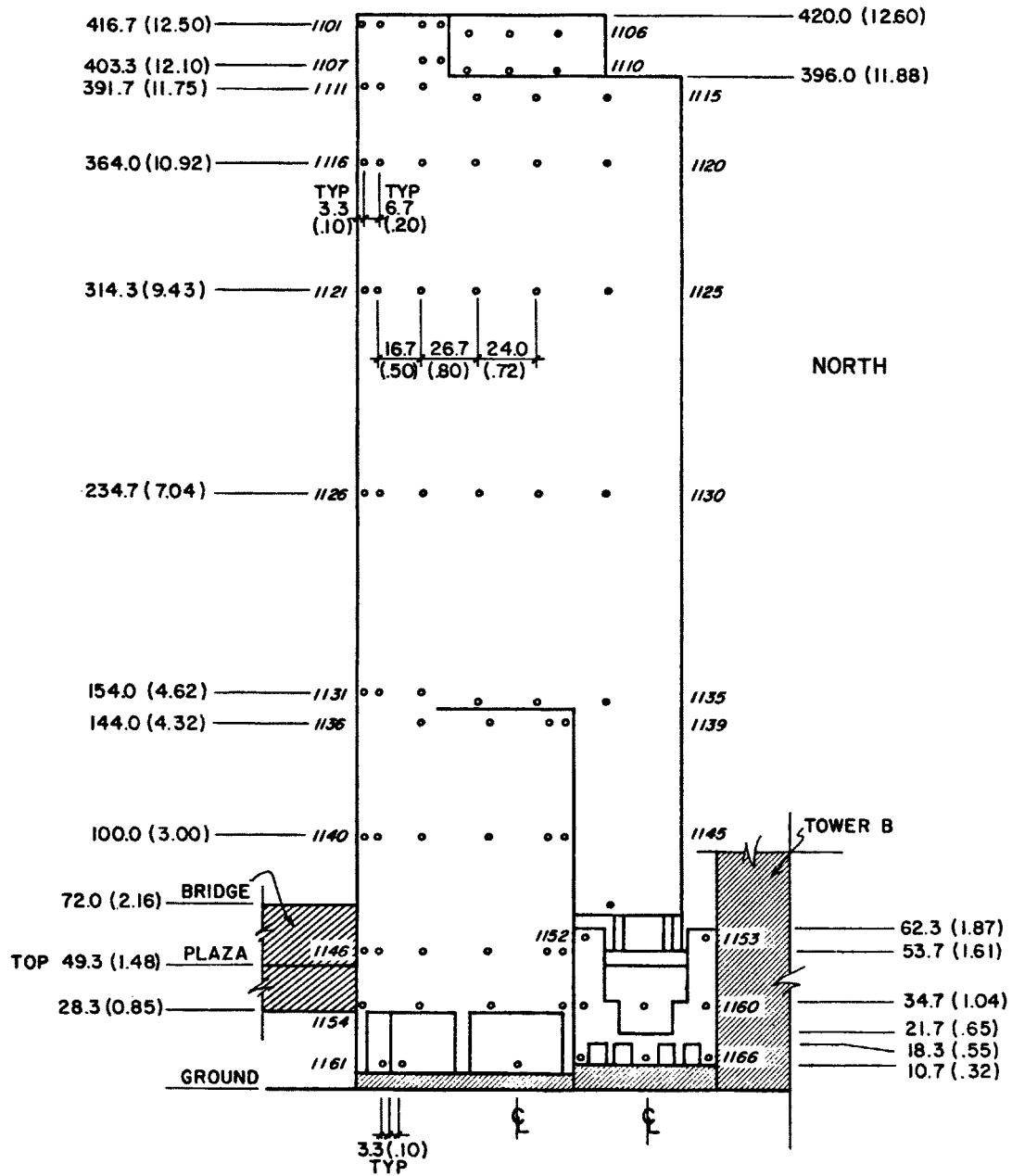


Figure 31. Pressure Tap Locations

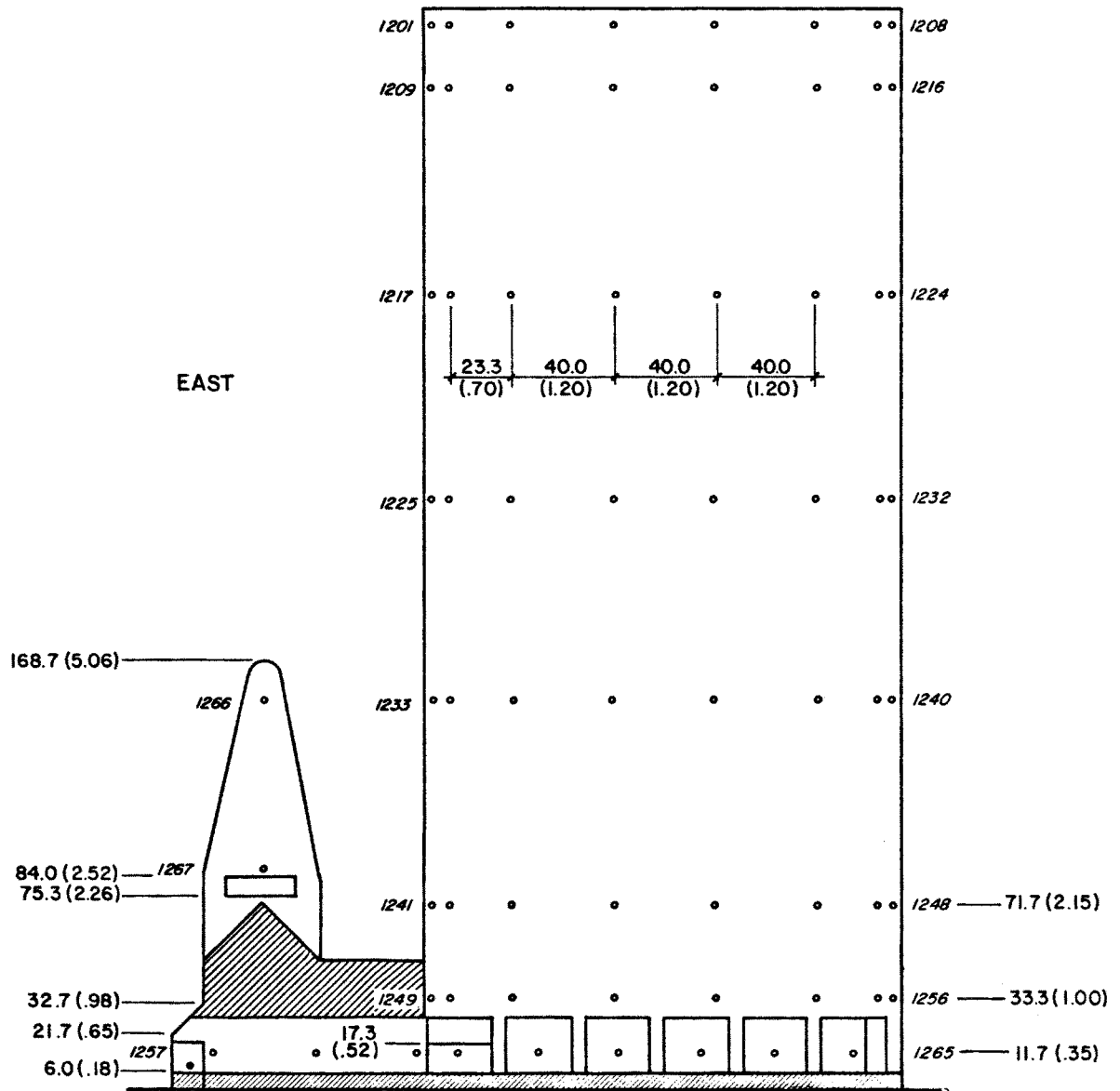


Figure 3m. Pressure Tap Locations

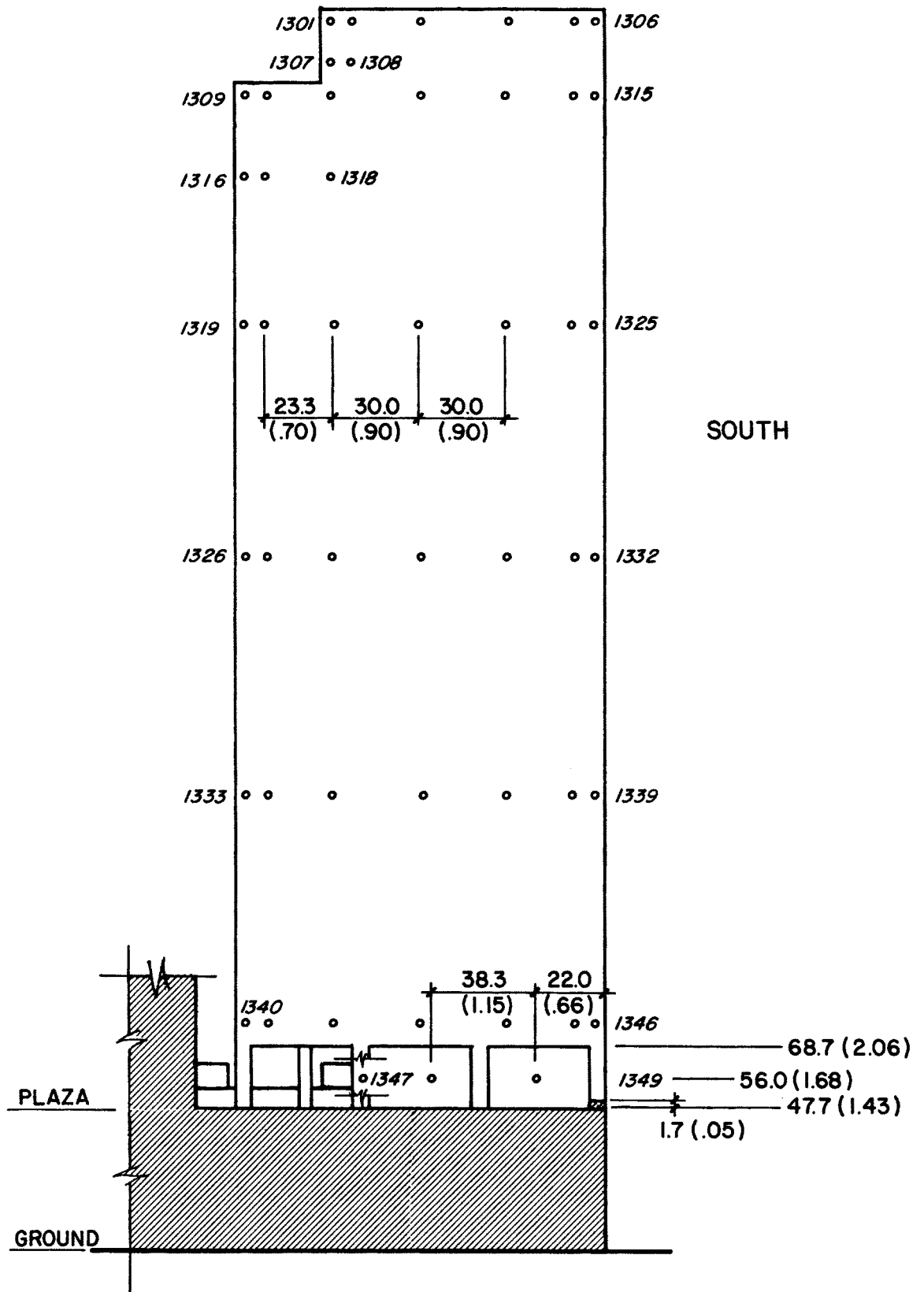


Figure 3n. Pressure Tap Locations

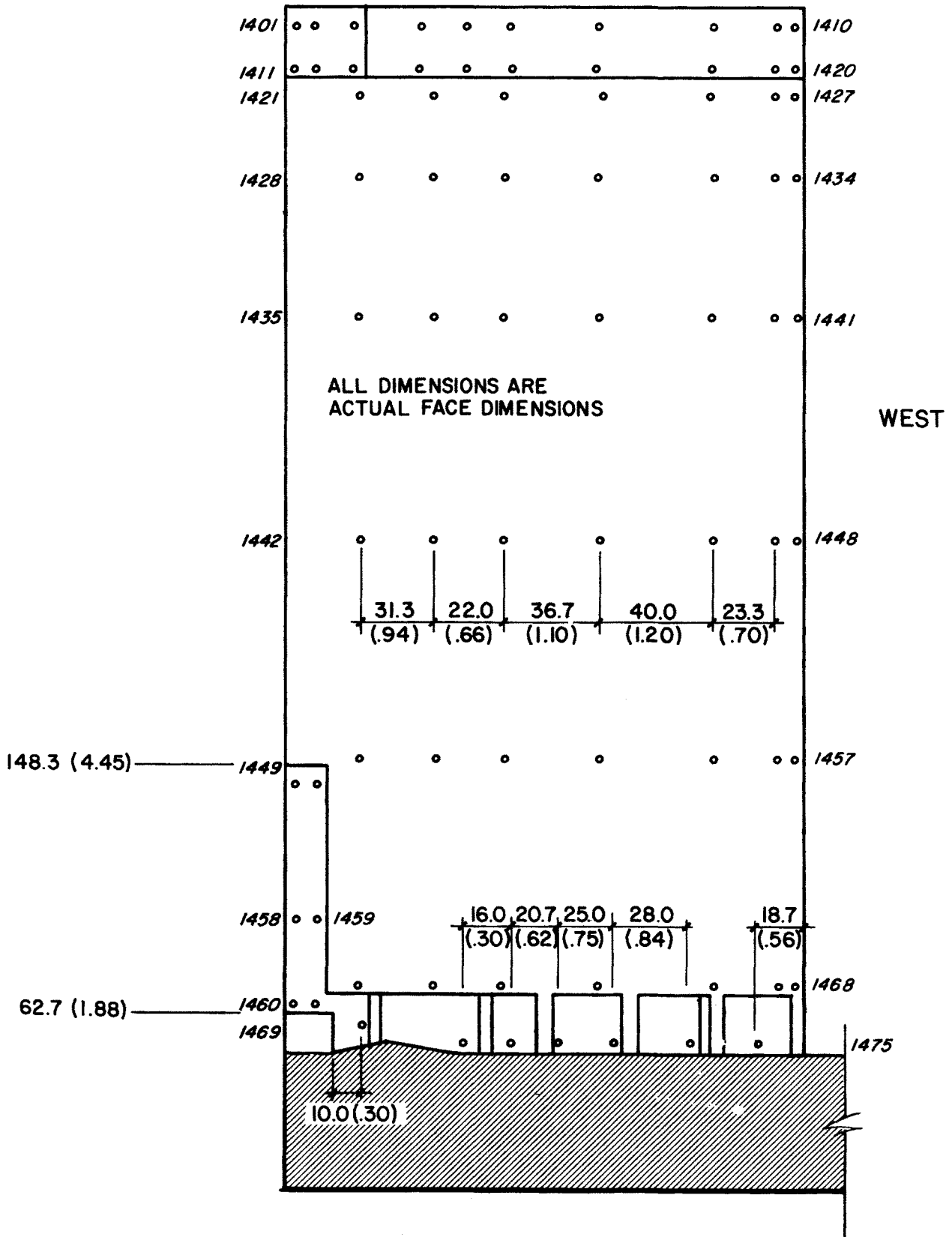
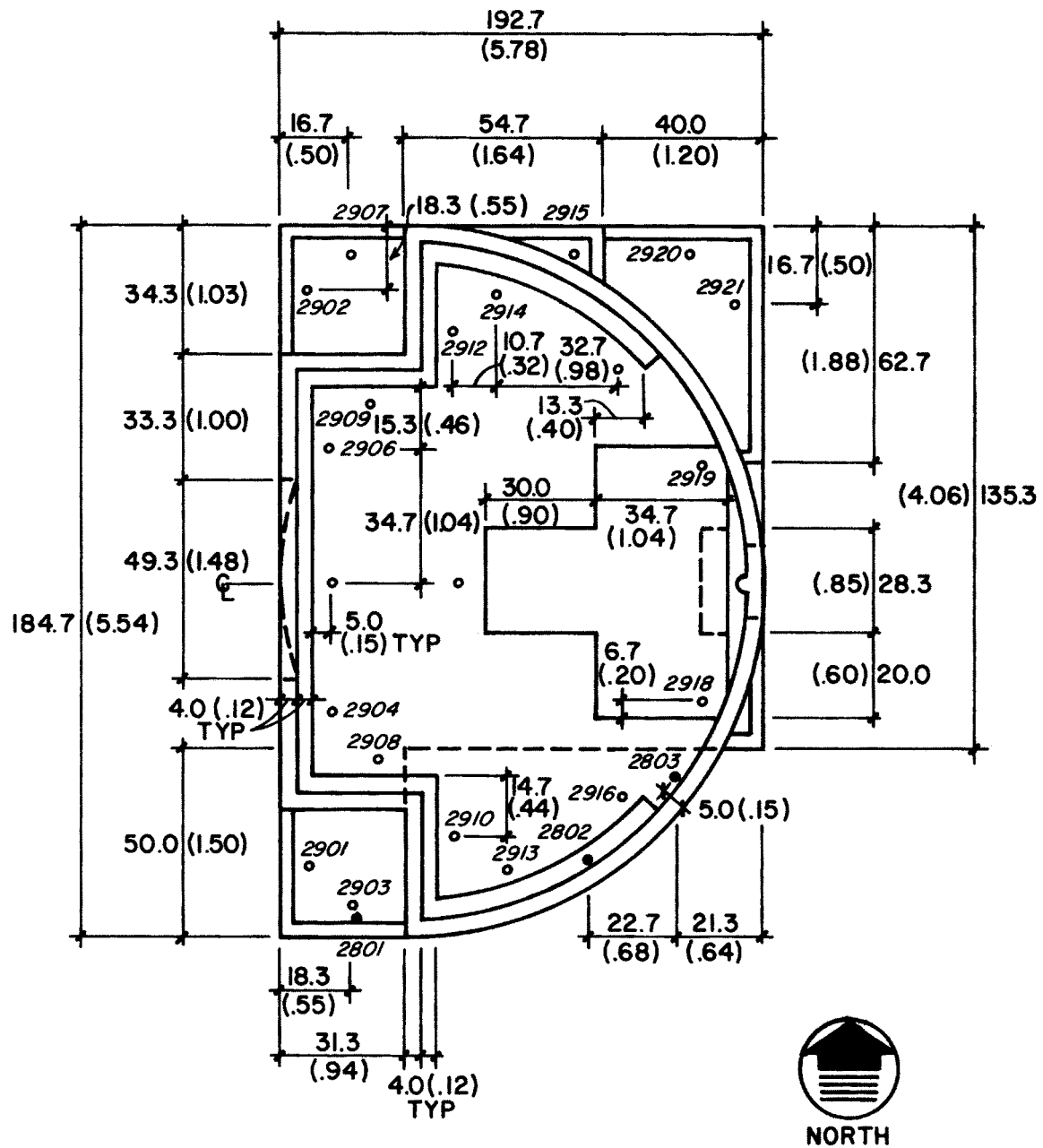


Figure 30. Pressure Tap Locations



ROOF
TOWER "B"
TOTAL TAPS = 324

• ROOF TAPS
• SOFFIT TAPS

Figure 3p. Pressure Tap Locations

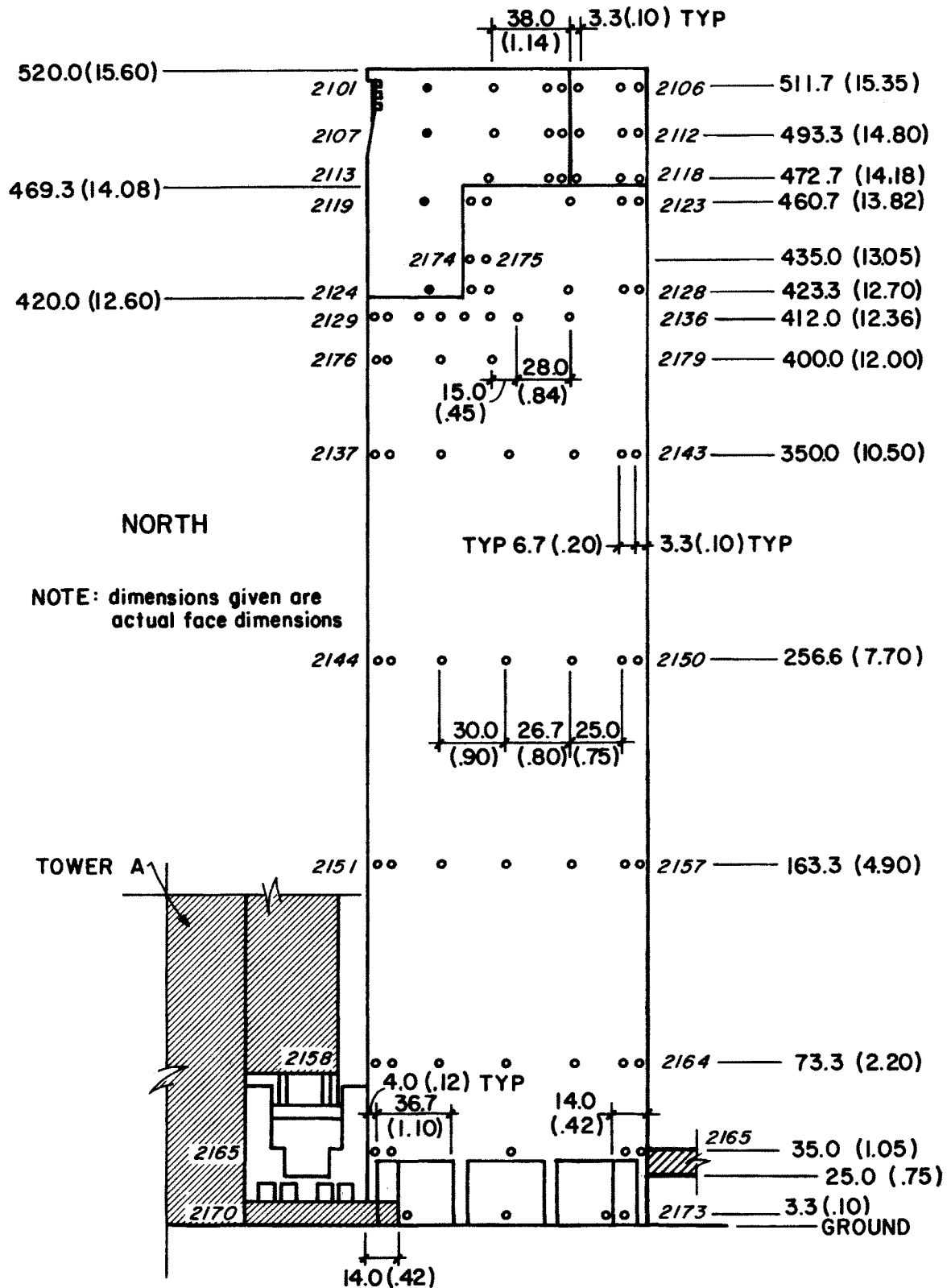


Figure 3q. Pressure Tap Locations

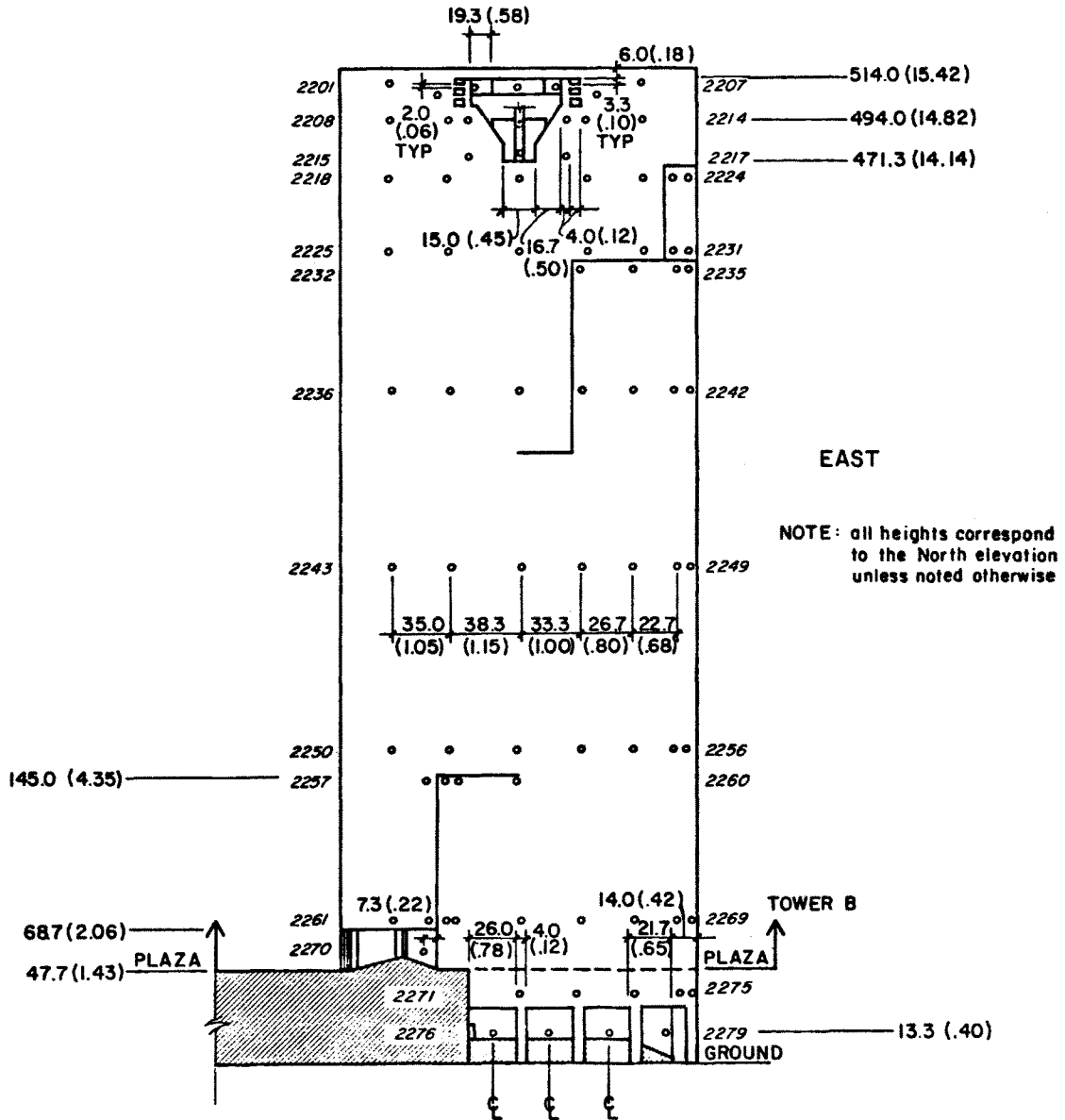


Figure 3r. Pressure Tap Locations

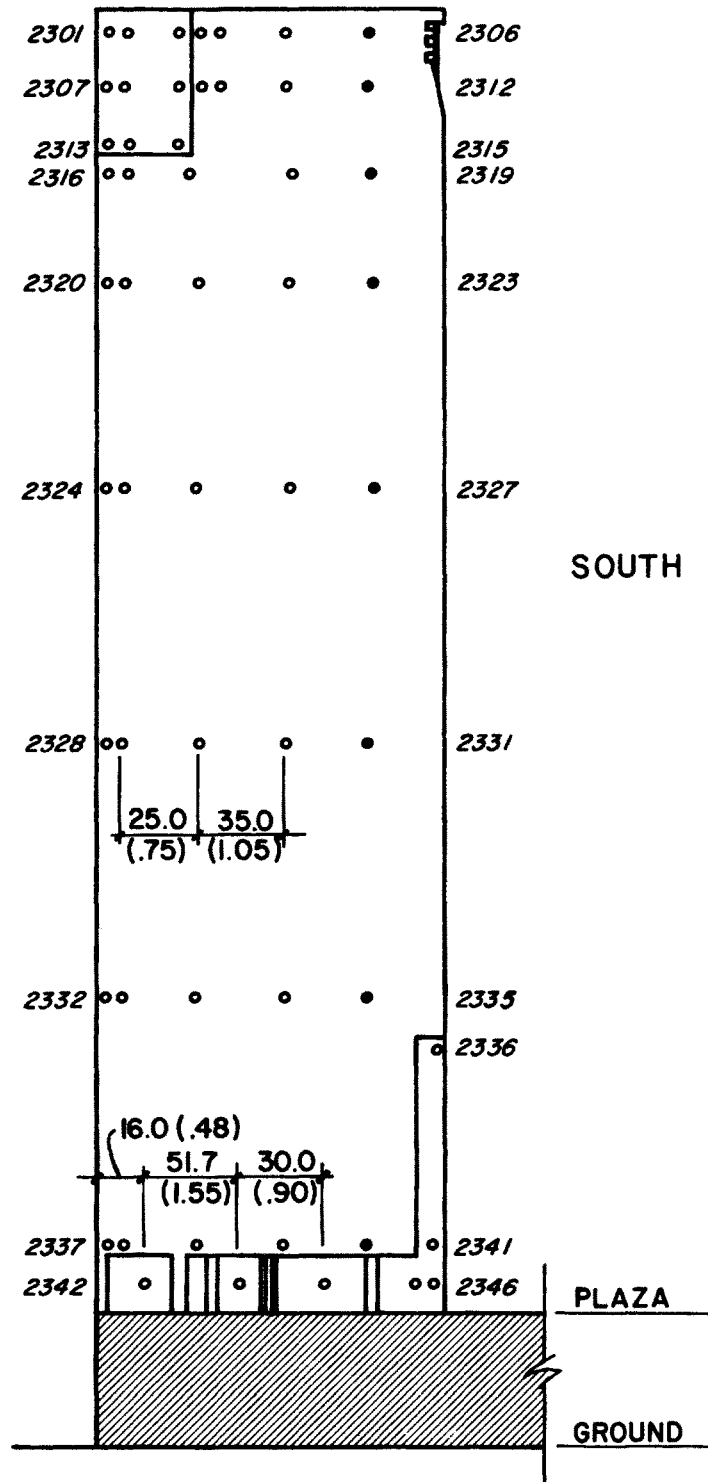


Figure 3s. Pressure Tap Locations

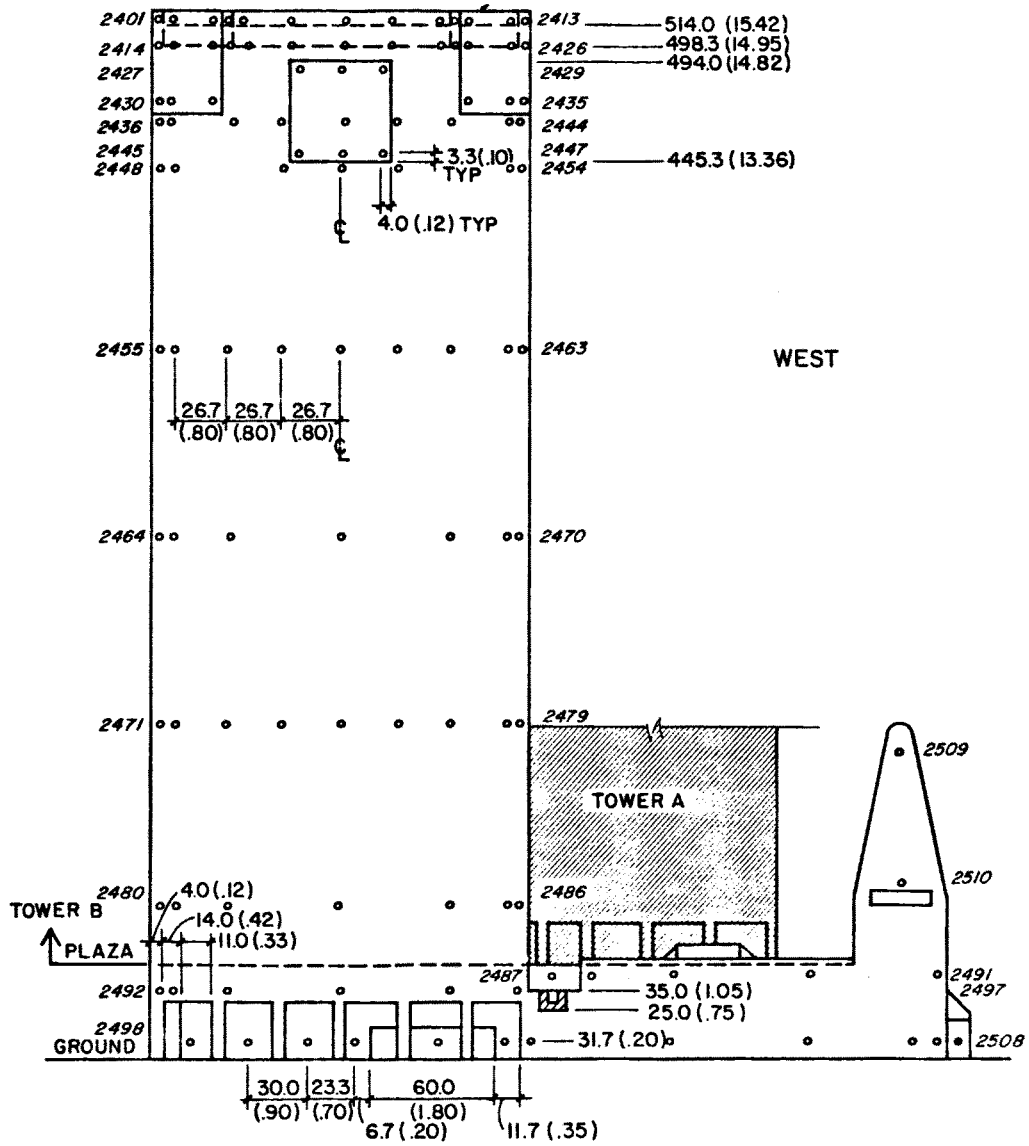
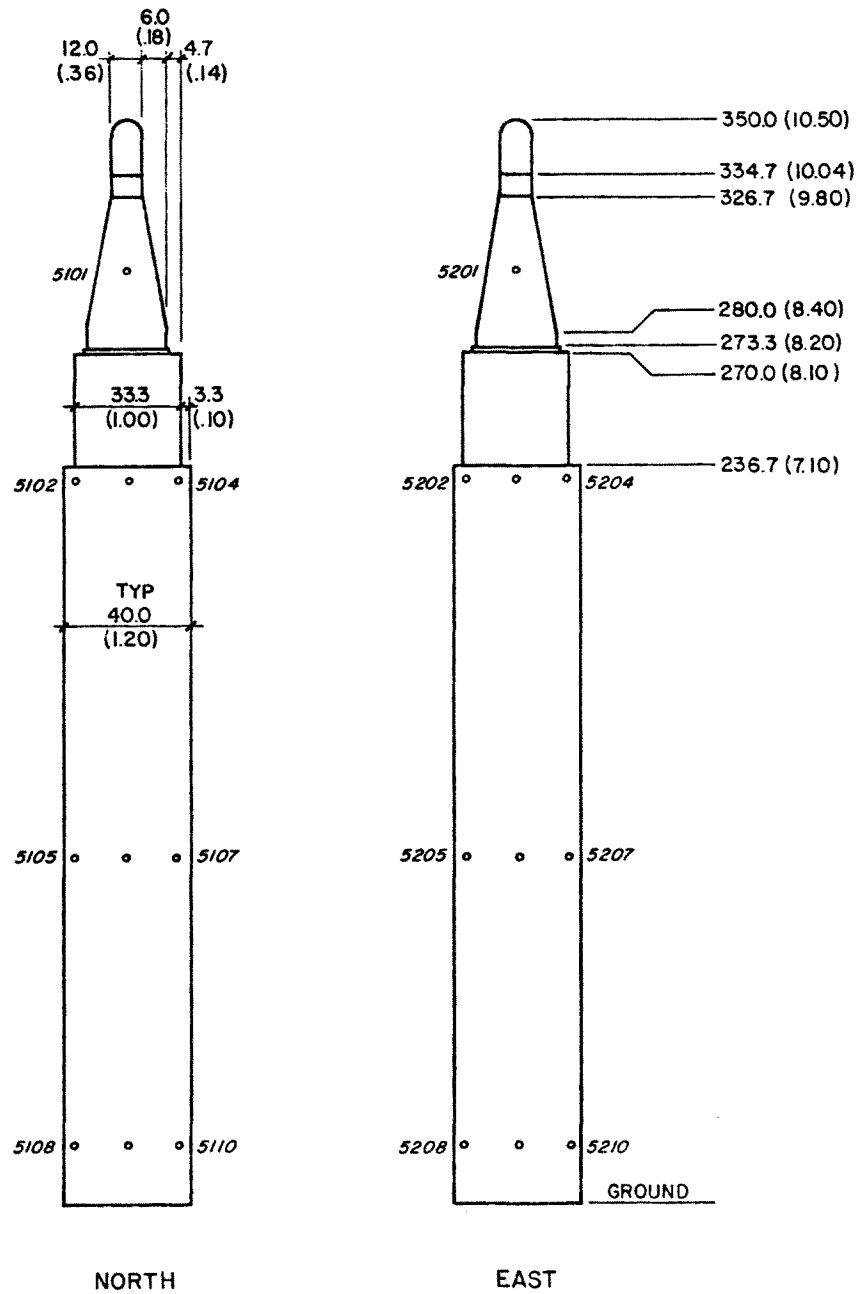


Figure 3t. Pressure Tap Locations



D & F TOWER
TOTAL TAPS = 40

Figure 3u. Pressure Tap Locations

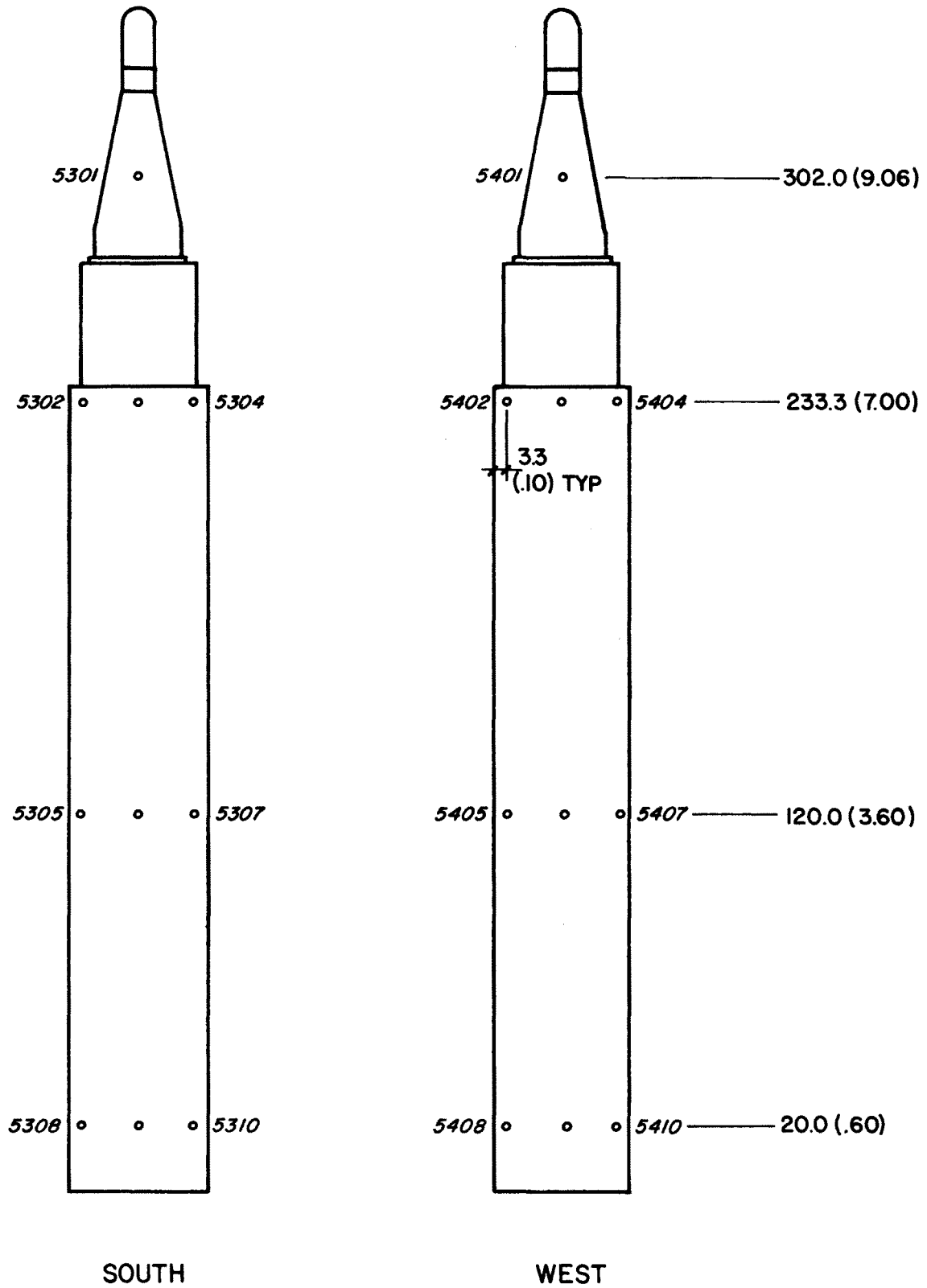
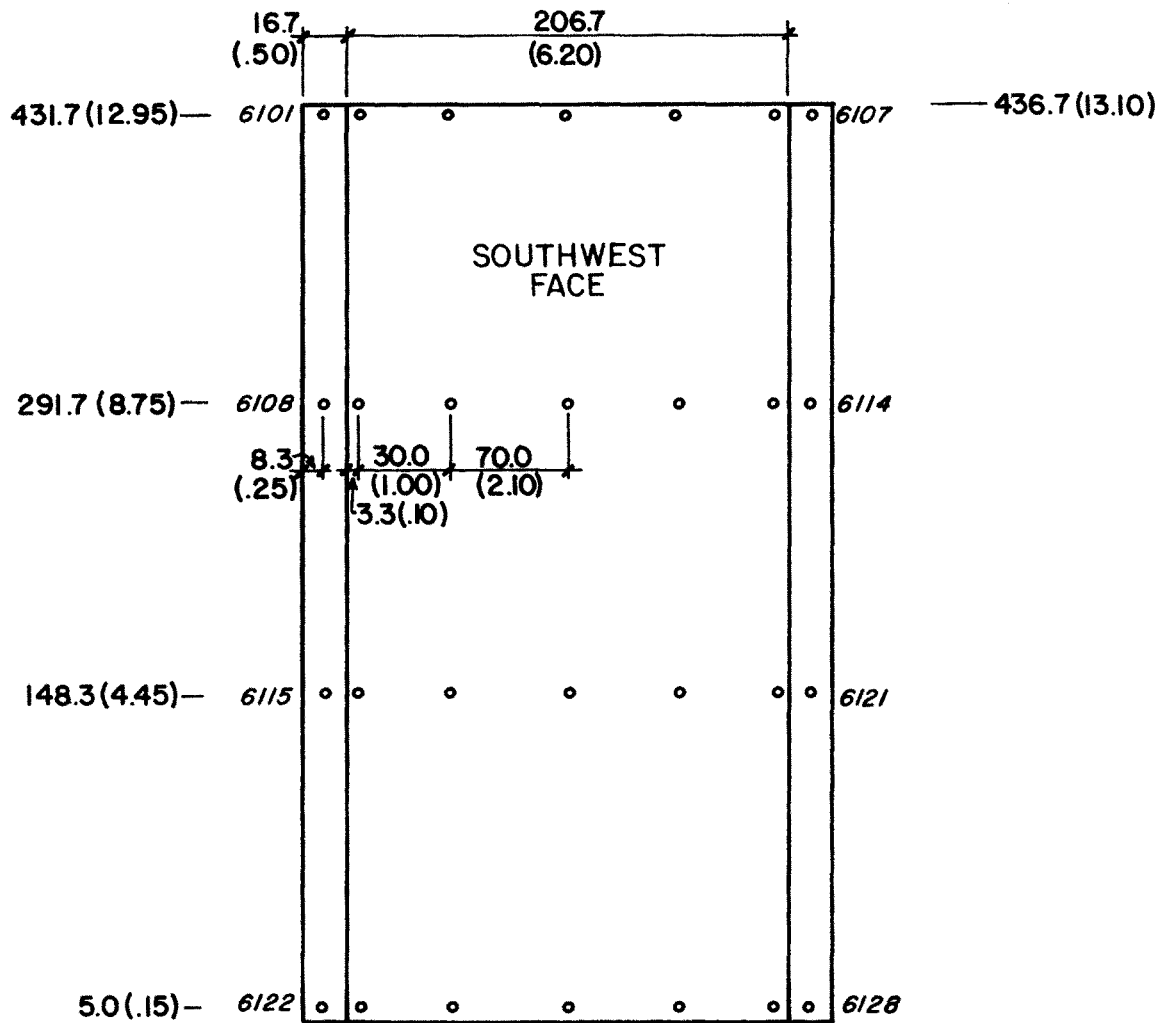
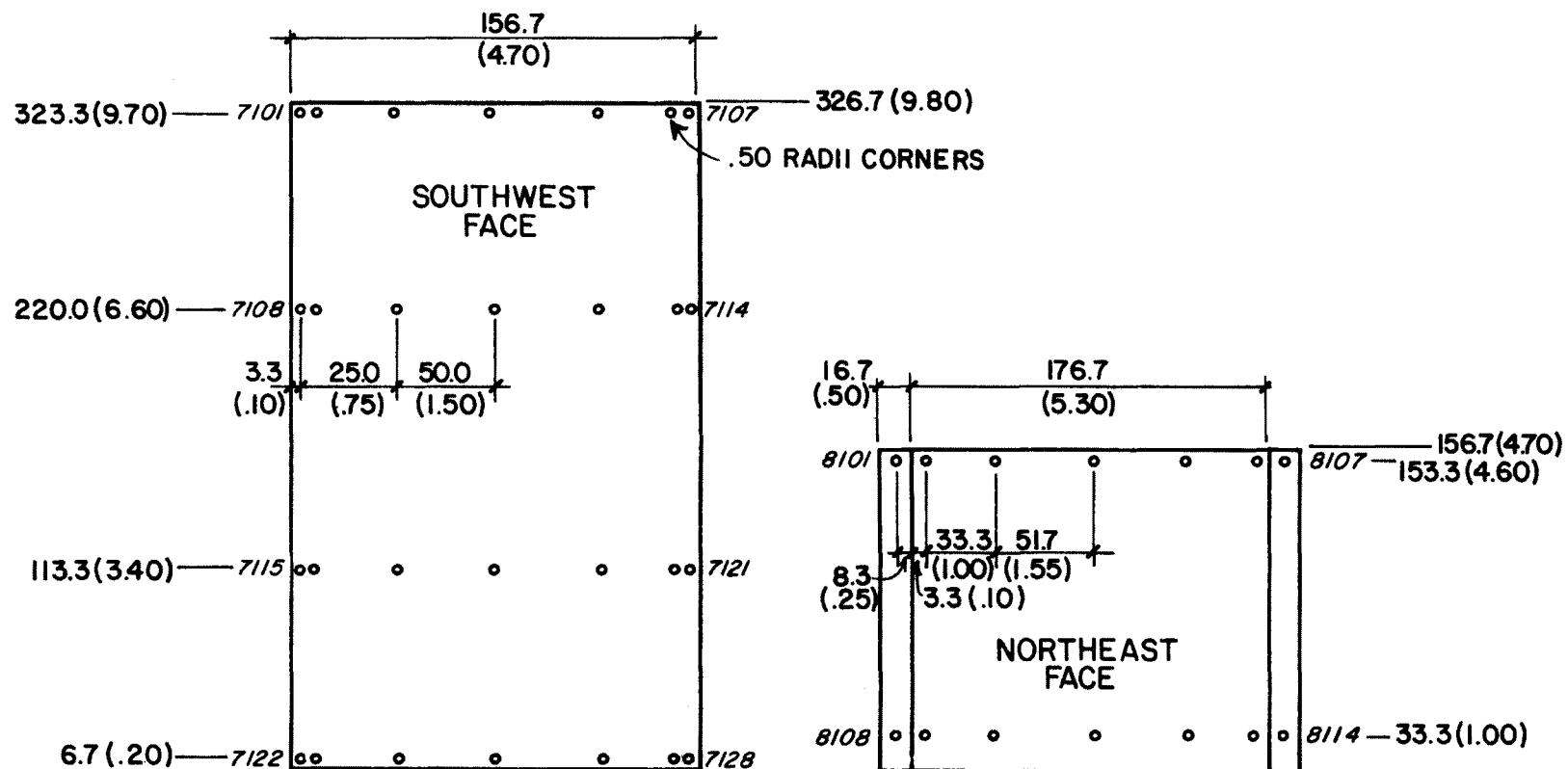


Figure 3v. Pressure Tap Locations



BUILDING "A"
(DEVELOPED VIEW)
TOTAL TAPS = 28

Figure 3w. Pressure Tap Locations



BUILDING "B"
TOTAL TAPS = 28

BUILDING "C"
TOTAL TAPS = 14

(DEVELOPED VIEWS)

Figure 3x. Pressure Tap Locations

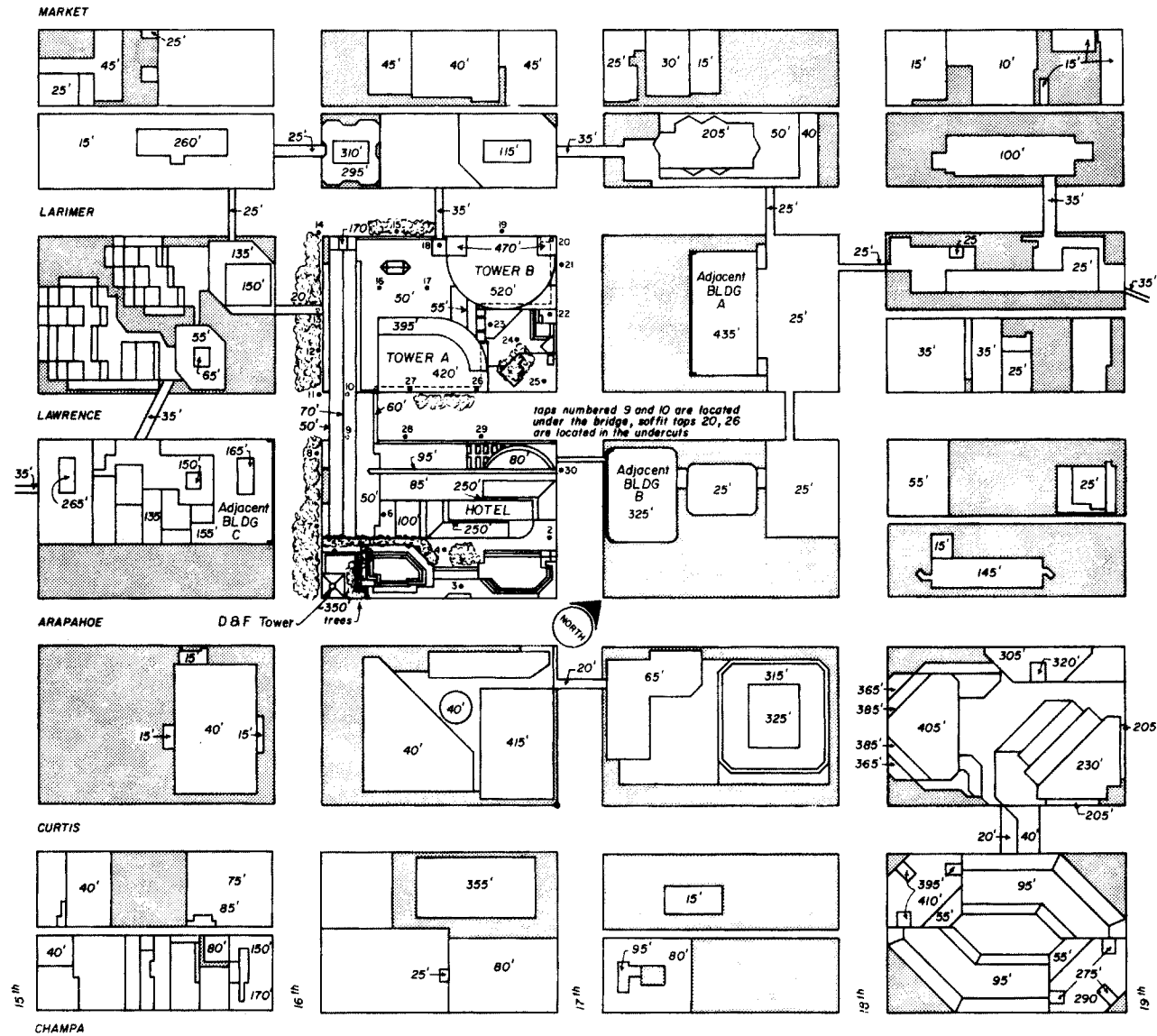


Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions

<u>Data Configuration</u>	<u>Model Geometry</u>	<u>Data Obtained</u>
A	All buildings in Fig. 4a in place	All pressure tap locations on Tabor Center complex, except those above Plaza level on Tower B, for 36 wind directions--to assess wind loads with Tower B in place.
B	All buildings in Fig. 4a in place except Tower B	Same as A--to assess wind loads with Tower B removed.
C	All buildings in Fig. 4a in place	All pressure tap locations on Tower B above the Plaza level--to assess wind loads on Tower B.
D	Tabor Center site in preconstruction configuration	All pressure taps on adjacent buildings: D&F Tower and buildings A,B,C*--to assess wind loads on adjacent buildings before construction of Tabor Center.
E	All buildings in Fig. 4a in place	Same as D--to assess wind loads on adjacent buildings with Tabor Center in place.
F	Same as A	2-degree resolution data for large pressure peaks in Configuration A.
G	Same as B	2-degree resolution data for large pressure peaks in Configuration B.
H	Same as C	2-degree resolution data for large pressure peaks in Configuration C.

-
- *Building A - Southwest side of 17th Street Plaza which faces Tower B across 17th Street
 B - Southwest side of Denver National Bank which faces hotel across 17th Street
 C - Northeast side of Park Central Plaza which faces hotel across 16th Street

Figure 4b. Building Location and Pedestrian Wind Velocity Measuring Positions

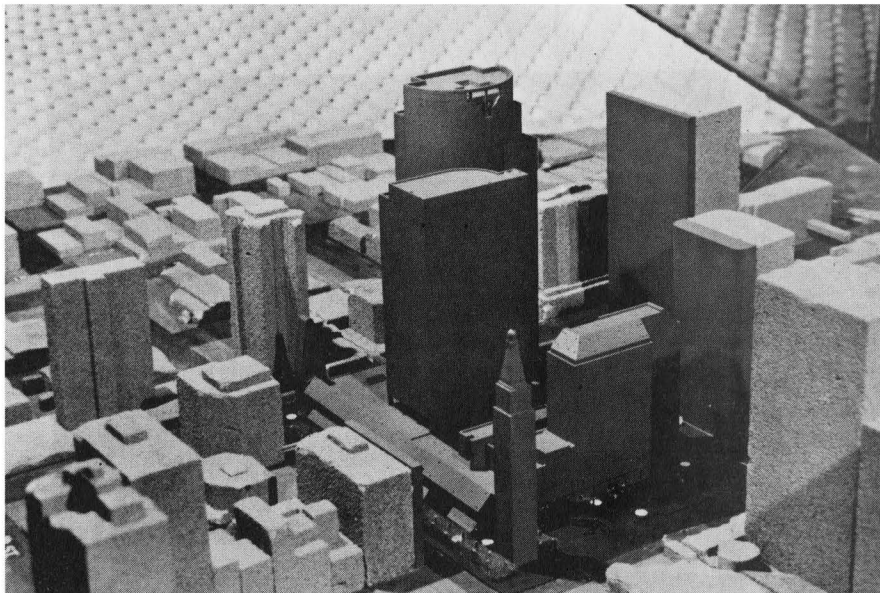
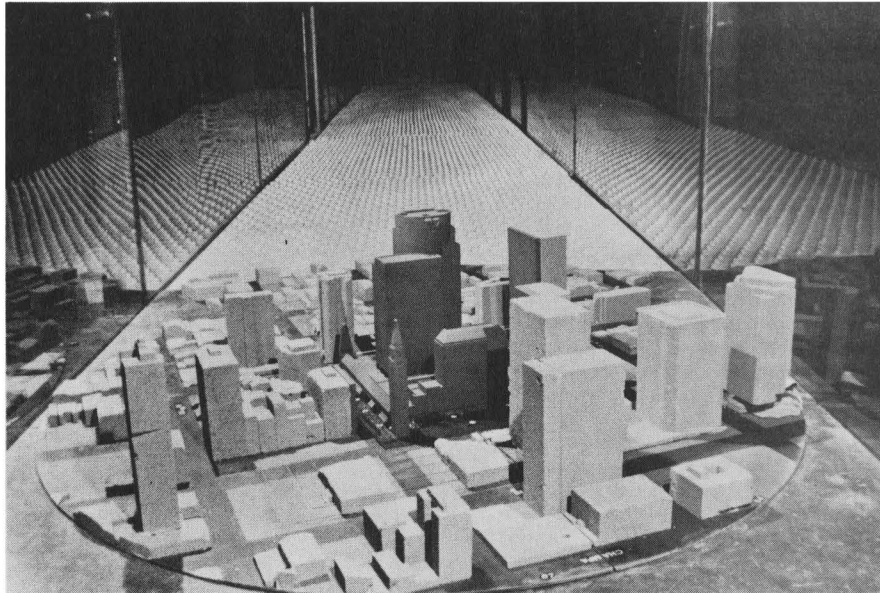


Figure 5. Completed Model in Wind Tunnel

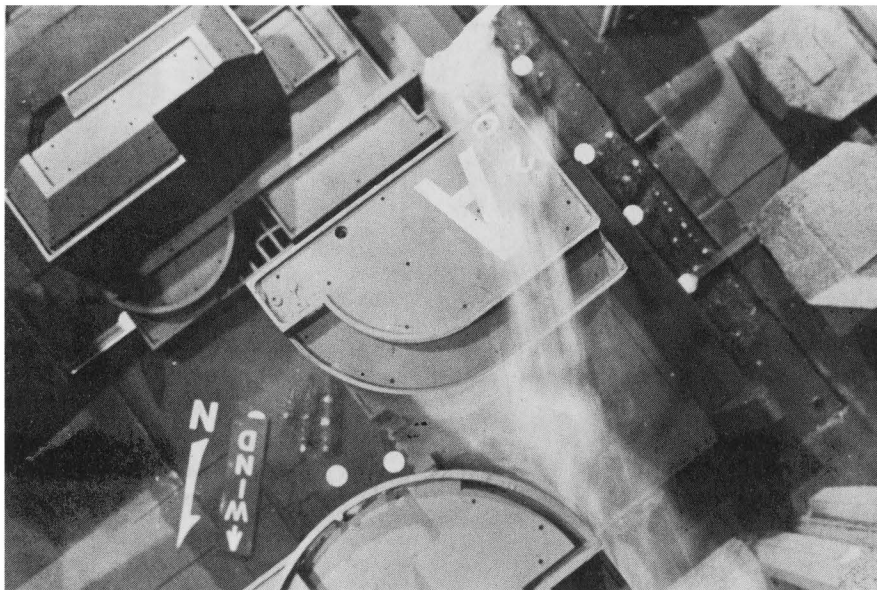
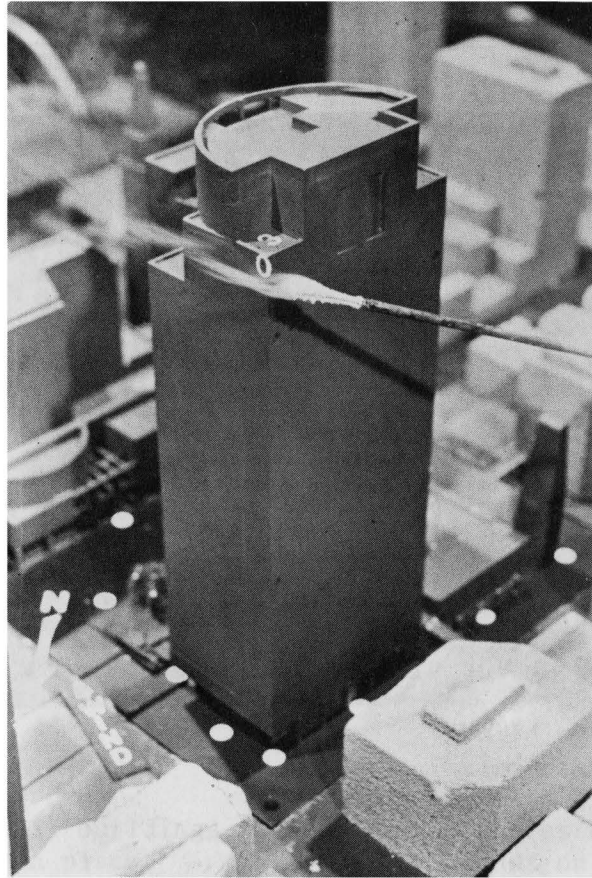


Figure 5. Completed Model in Wind Tunnel

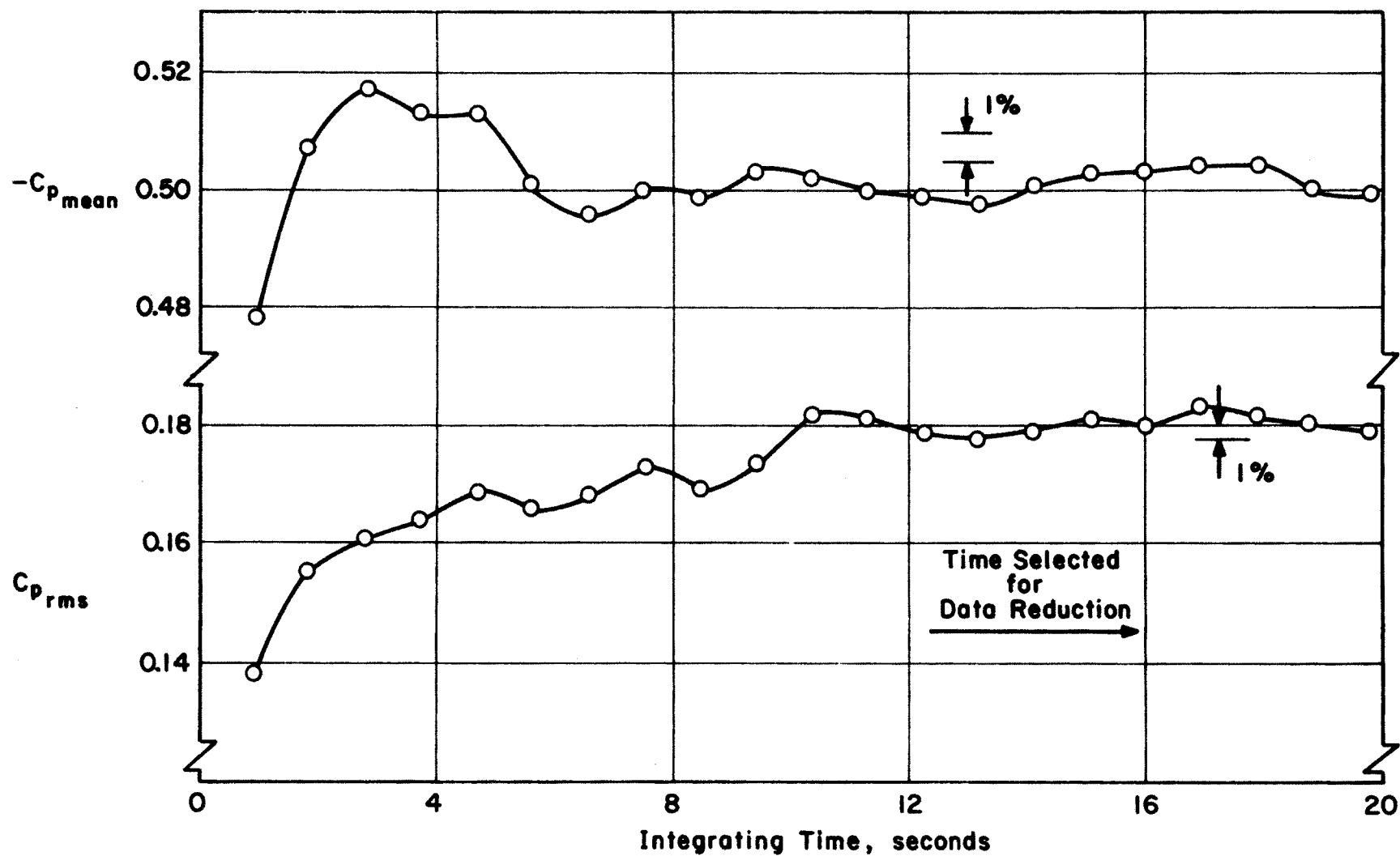


Figure 6. Data Sampling Time Verification

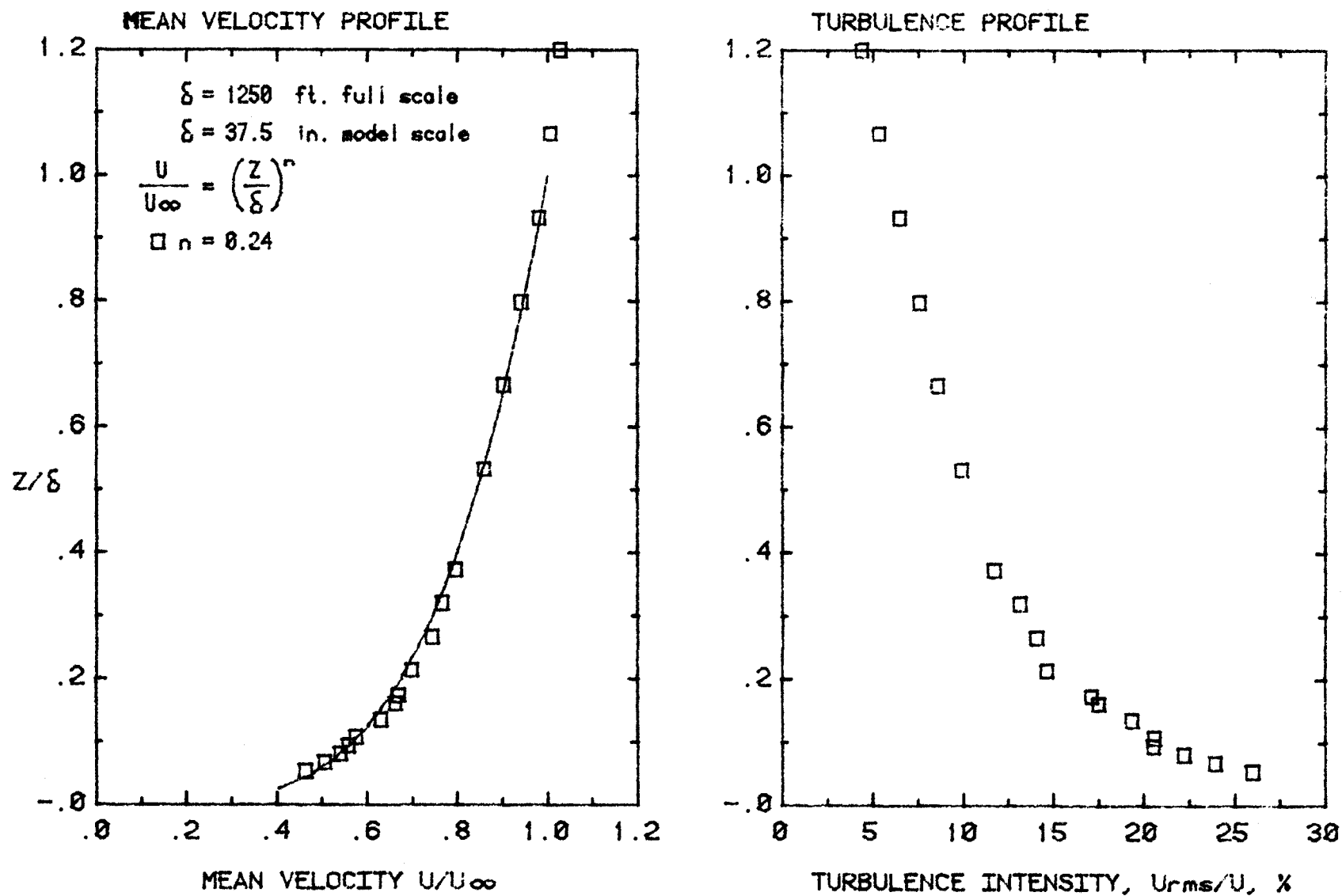


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

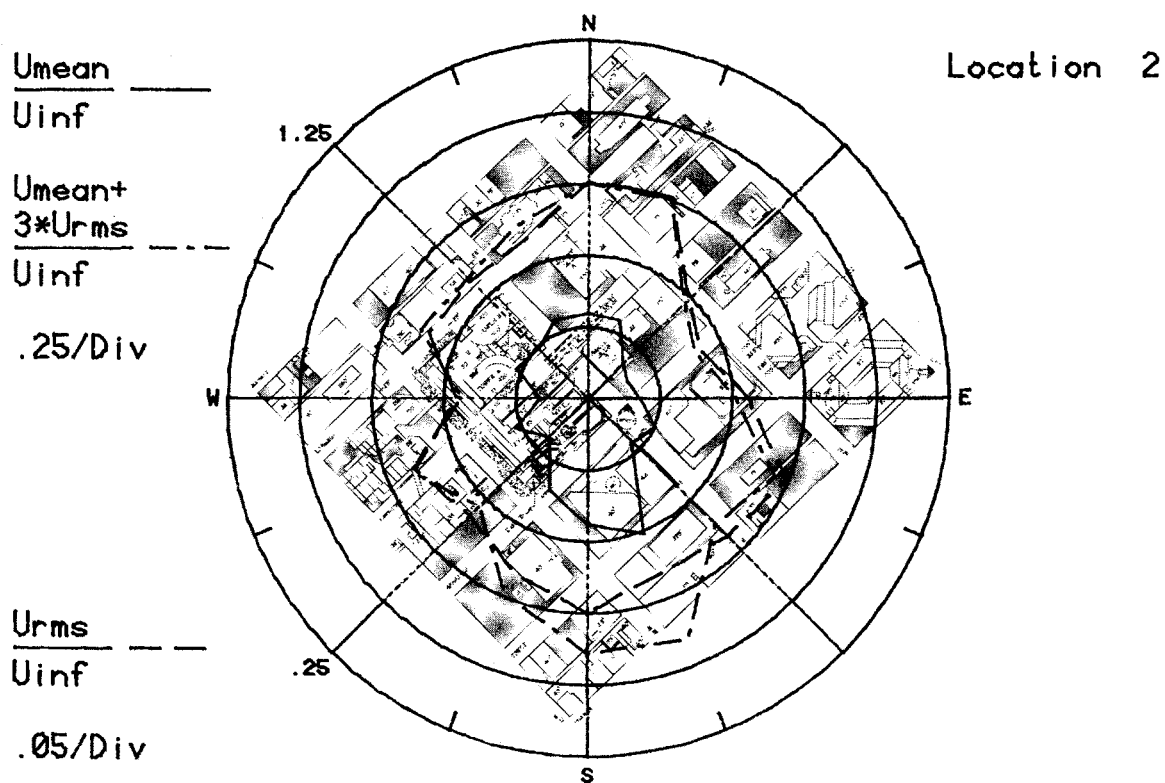
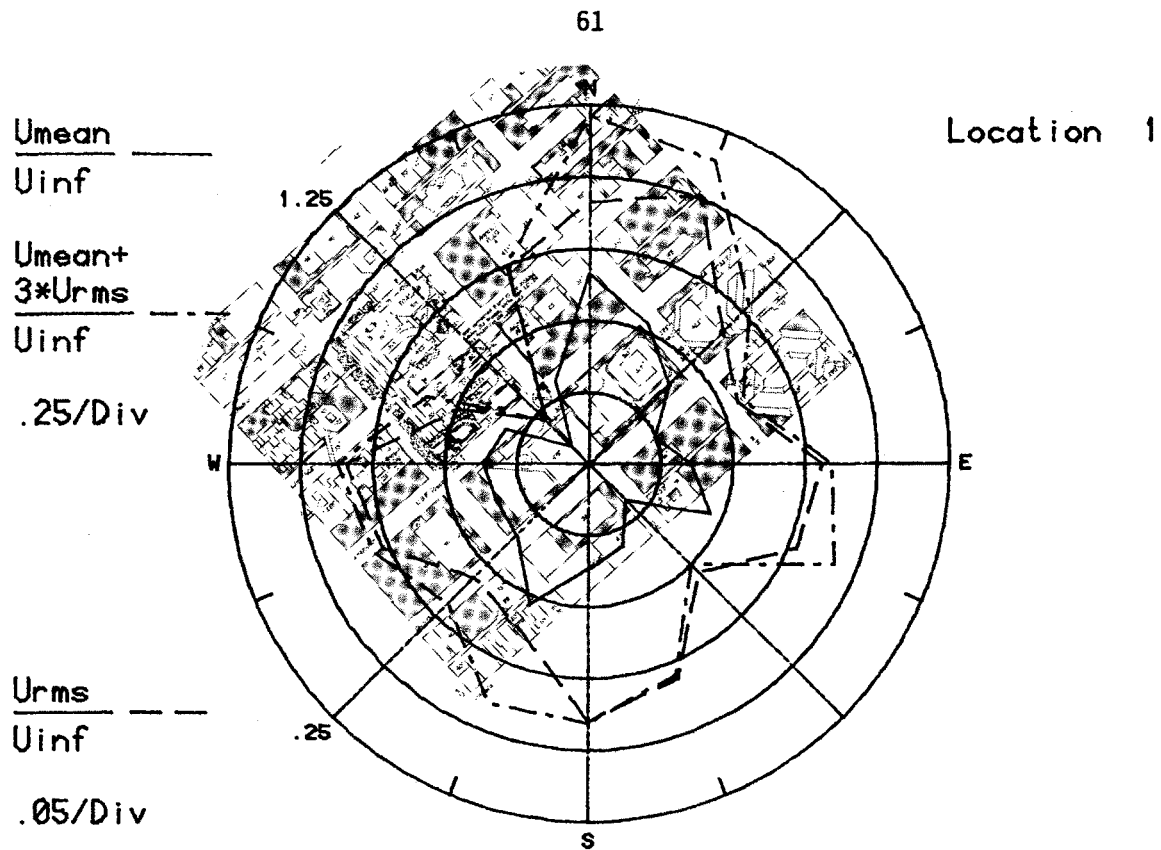


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

$\frac{U_{mean}}{U_{inf}}$ ———

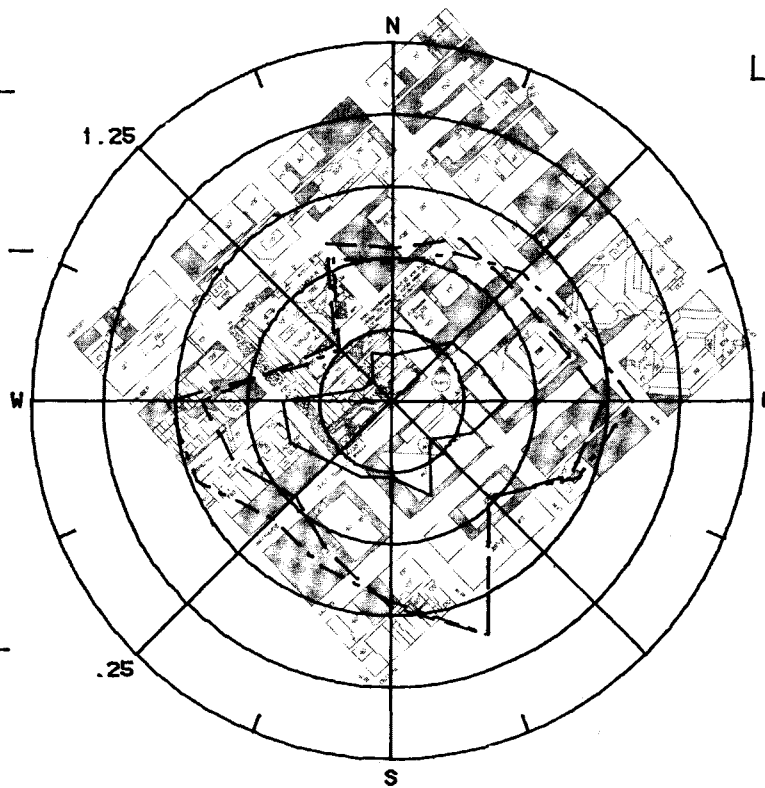
Location 3

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - -

.05/Div



$\frac{U_{mean}}{U_{inf}}$ ———

Location 4

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - -

.05/Div

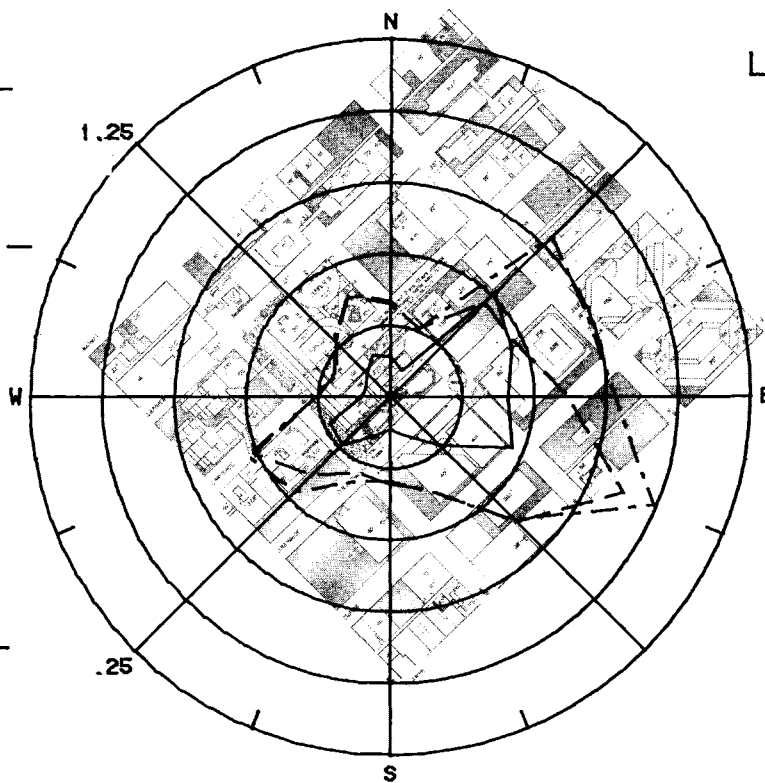


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

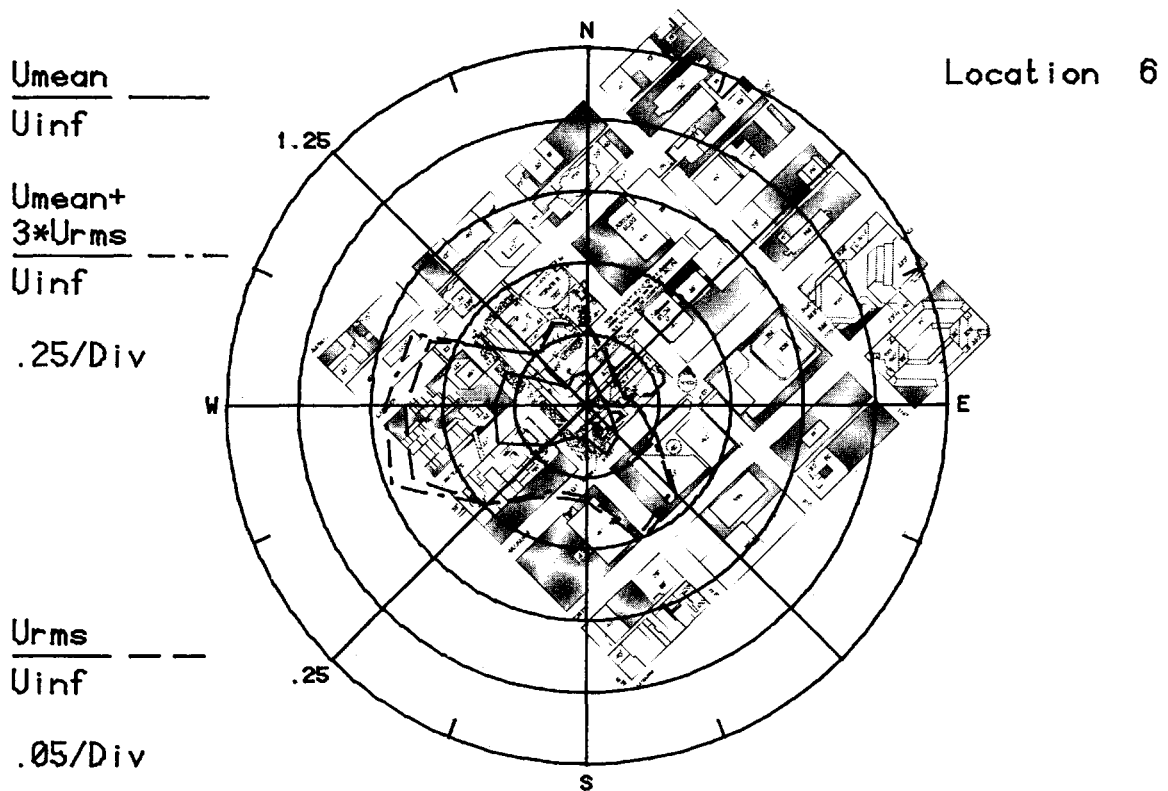
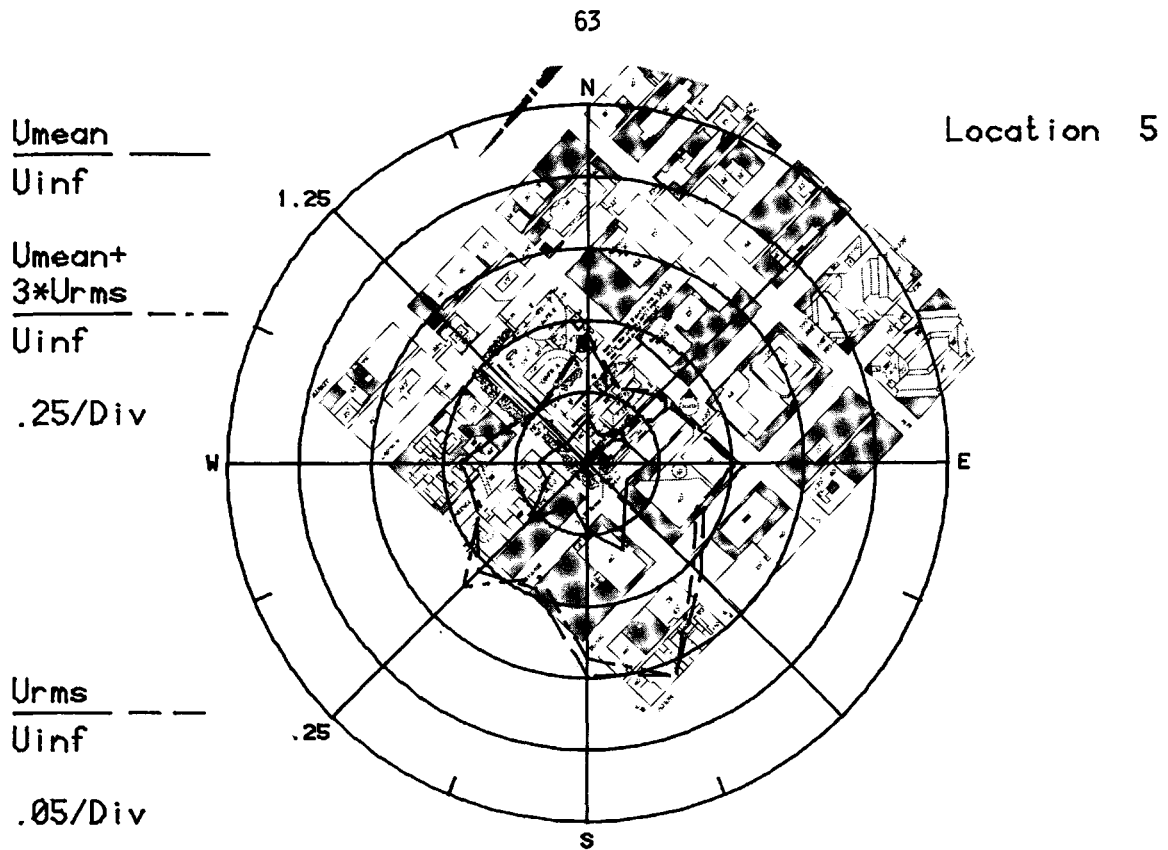


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

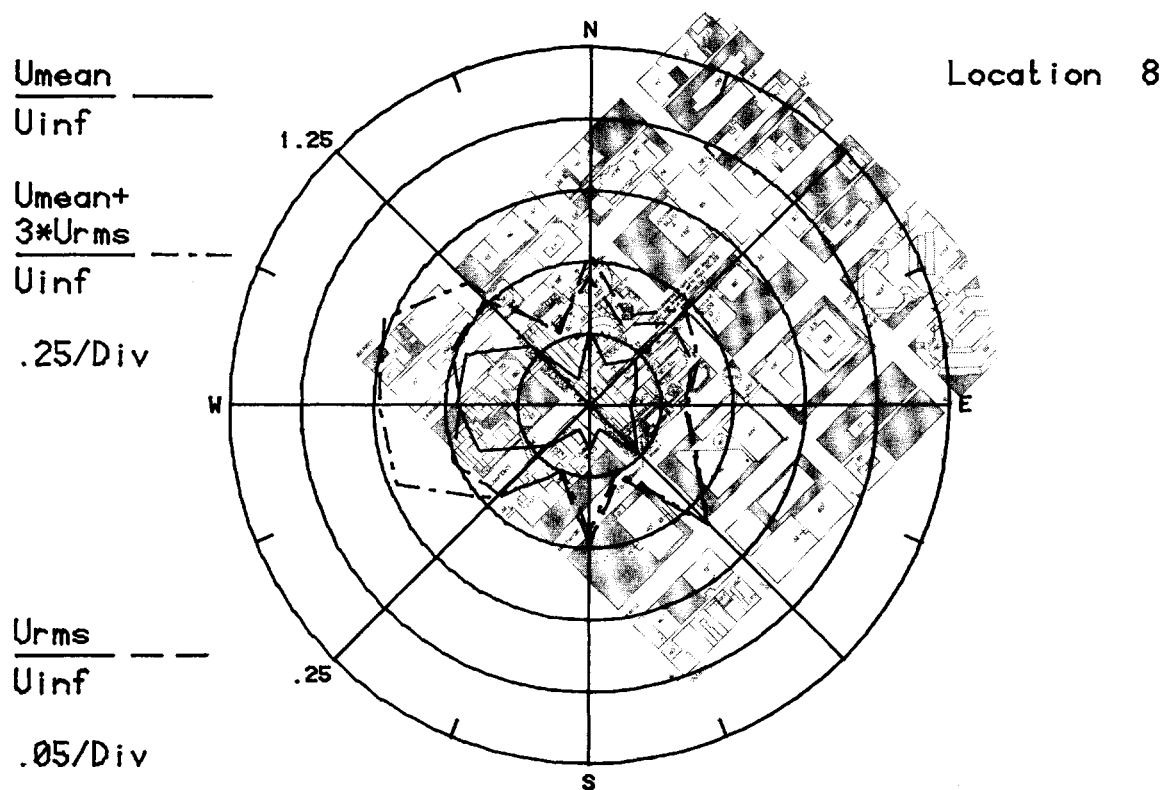
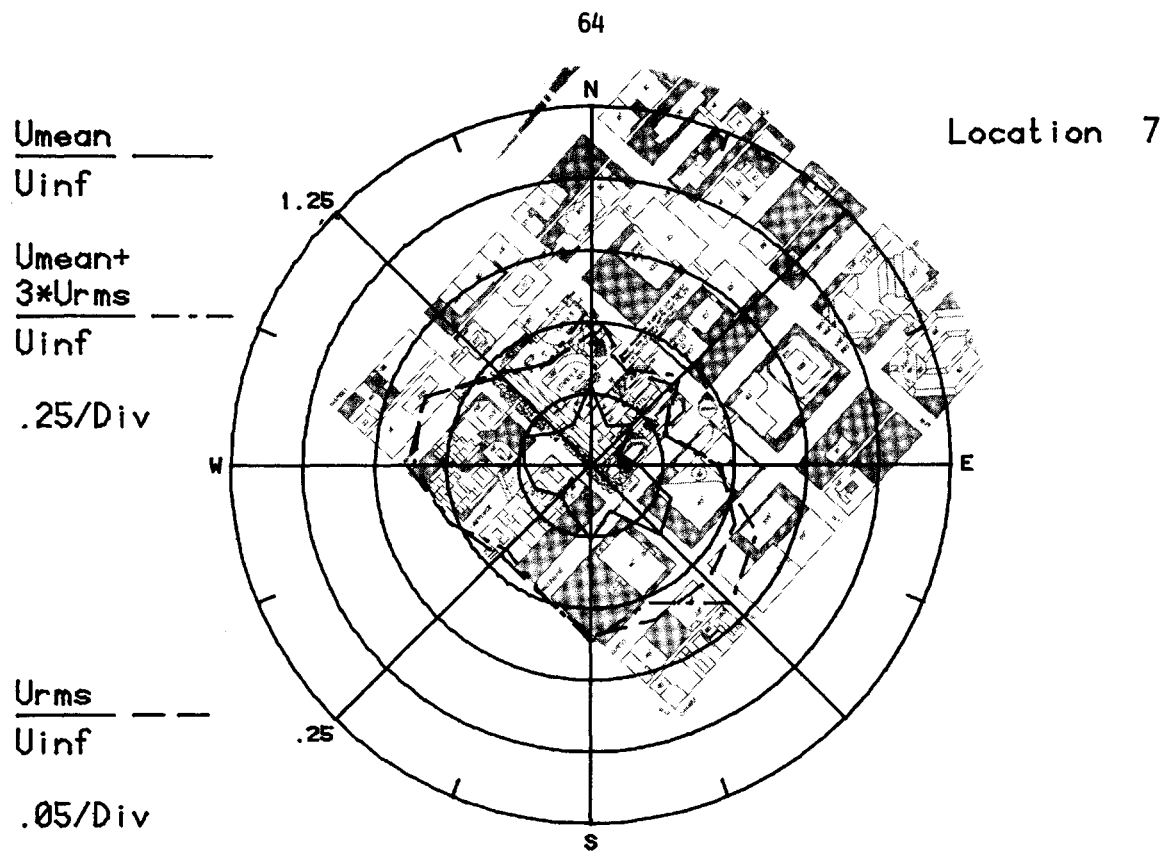


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

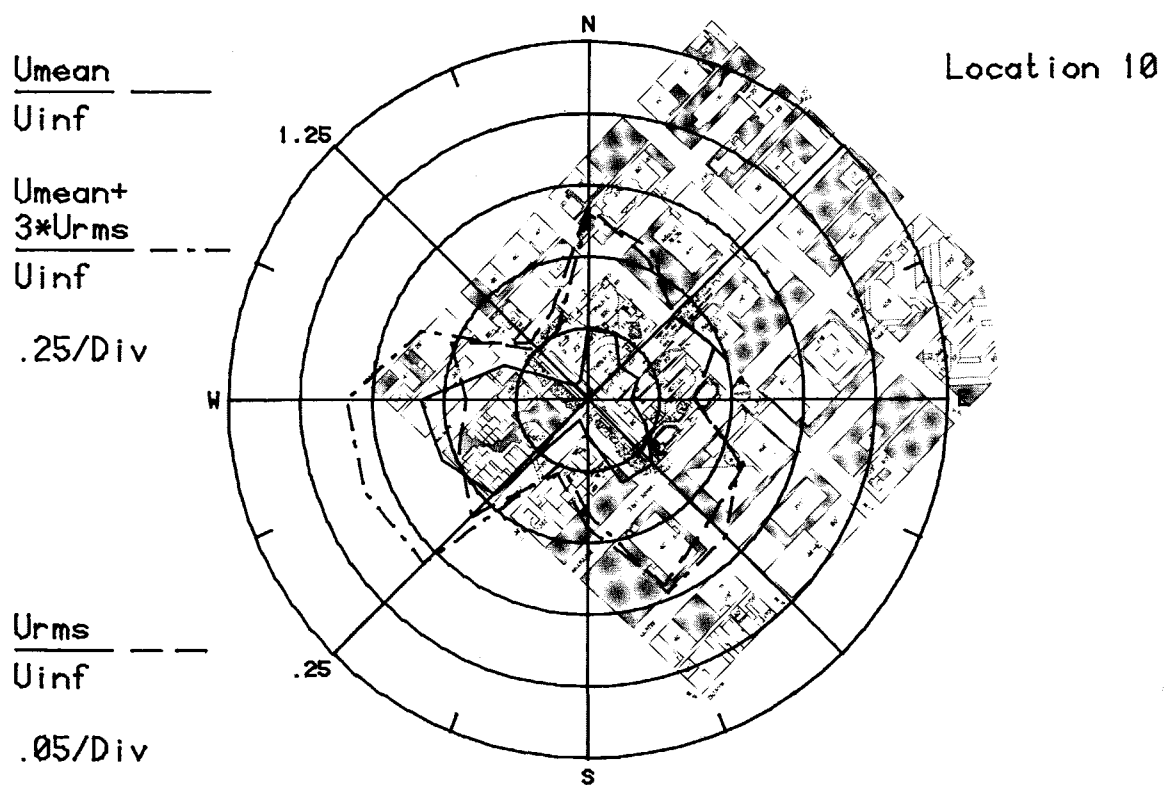
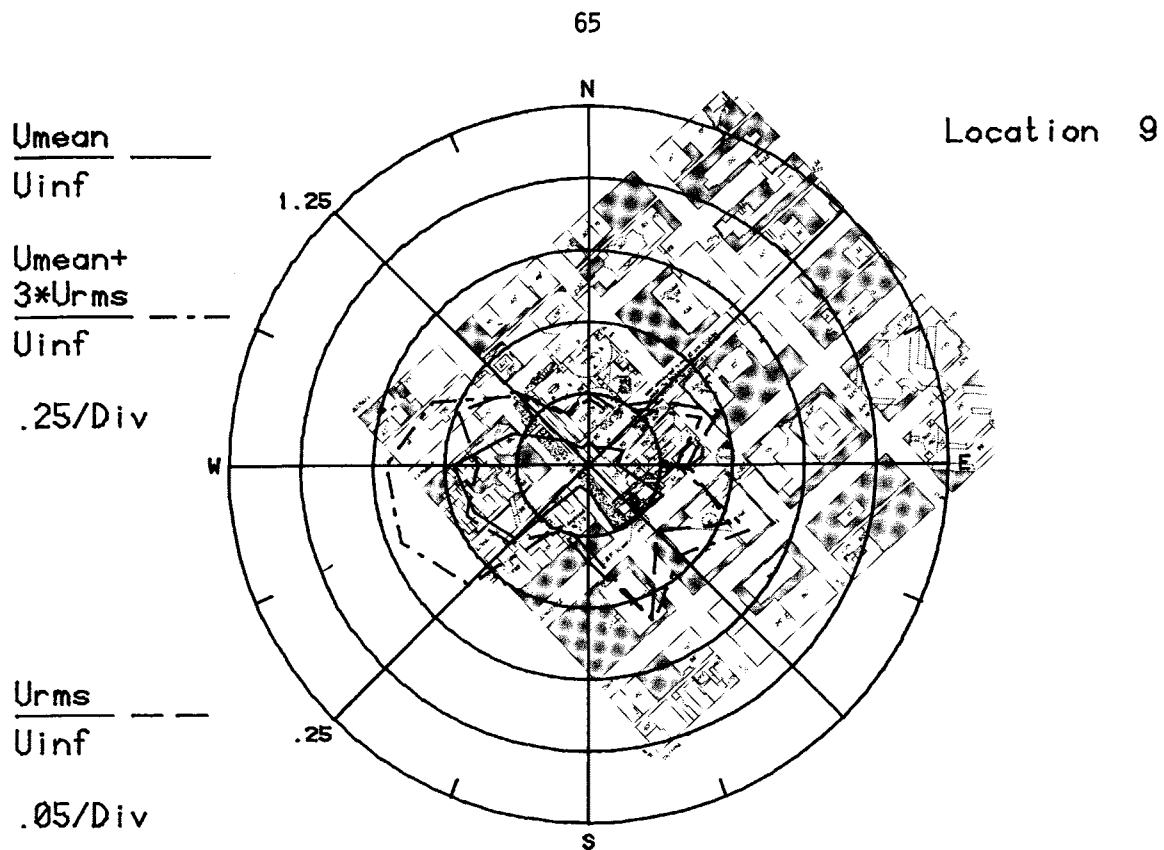


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

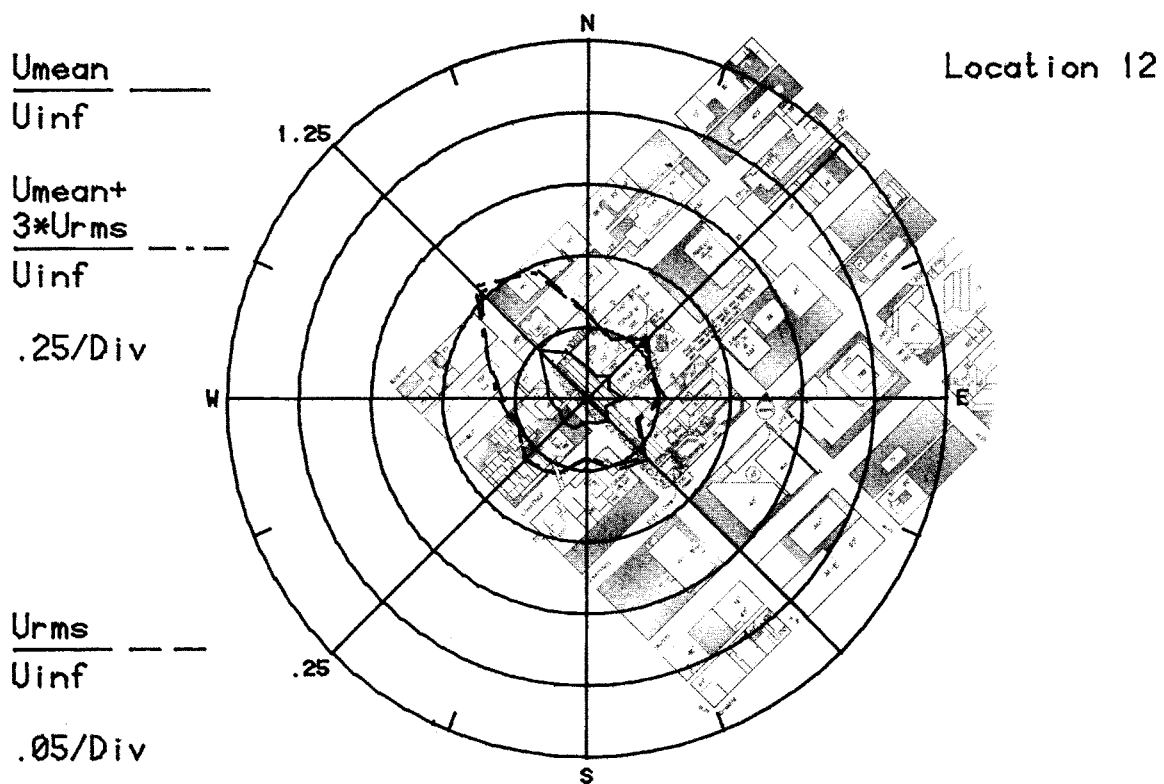
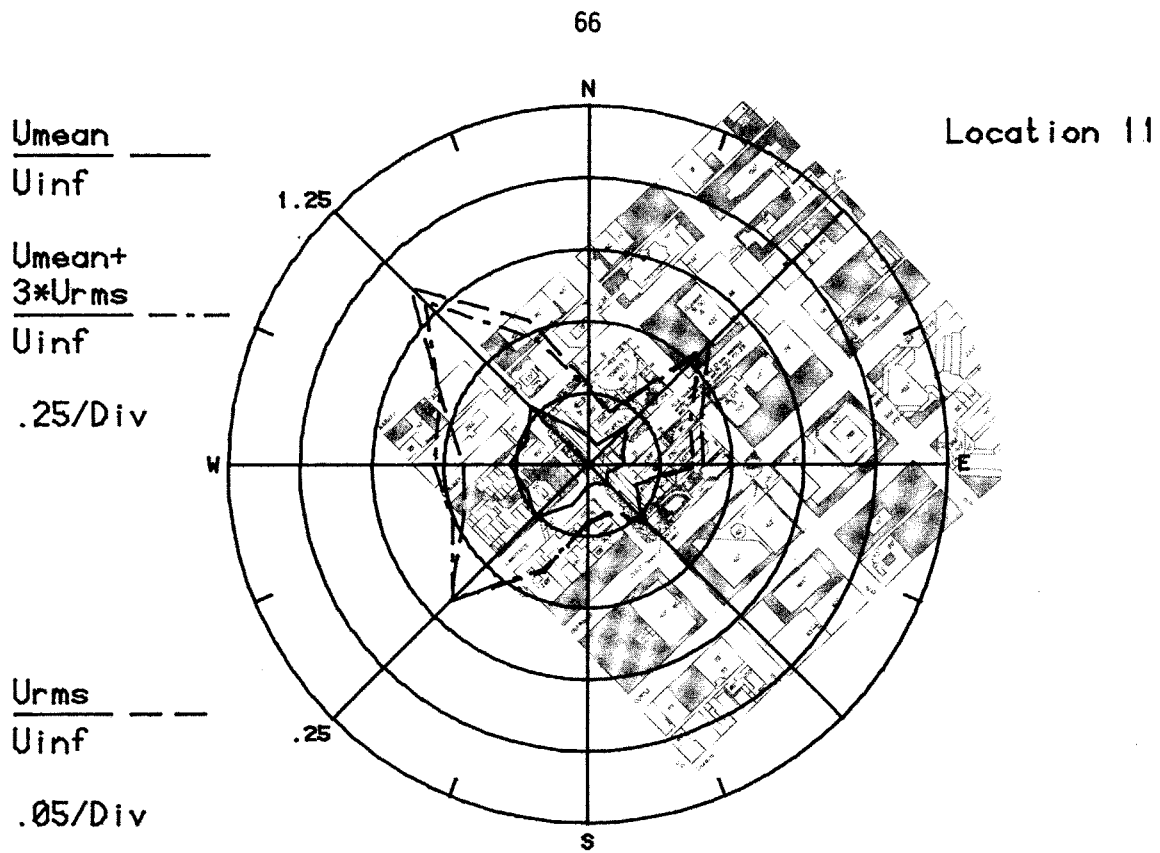


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

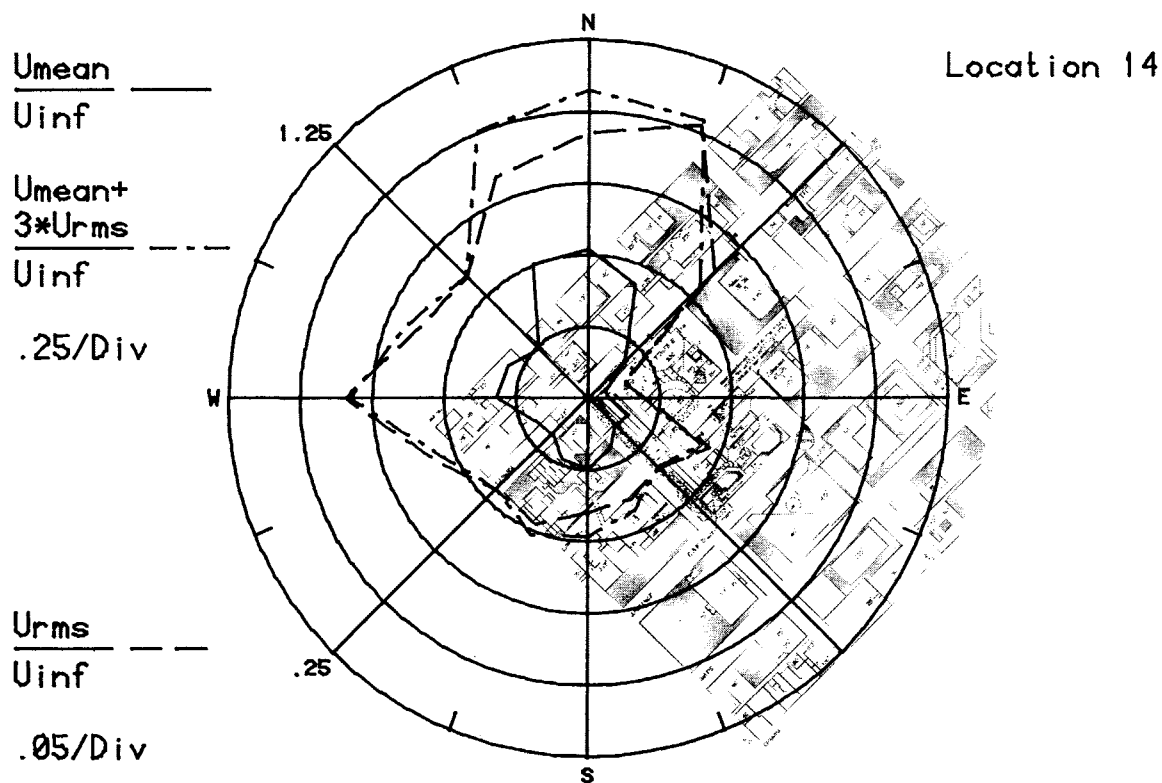
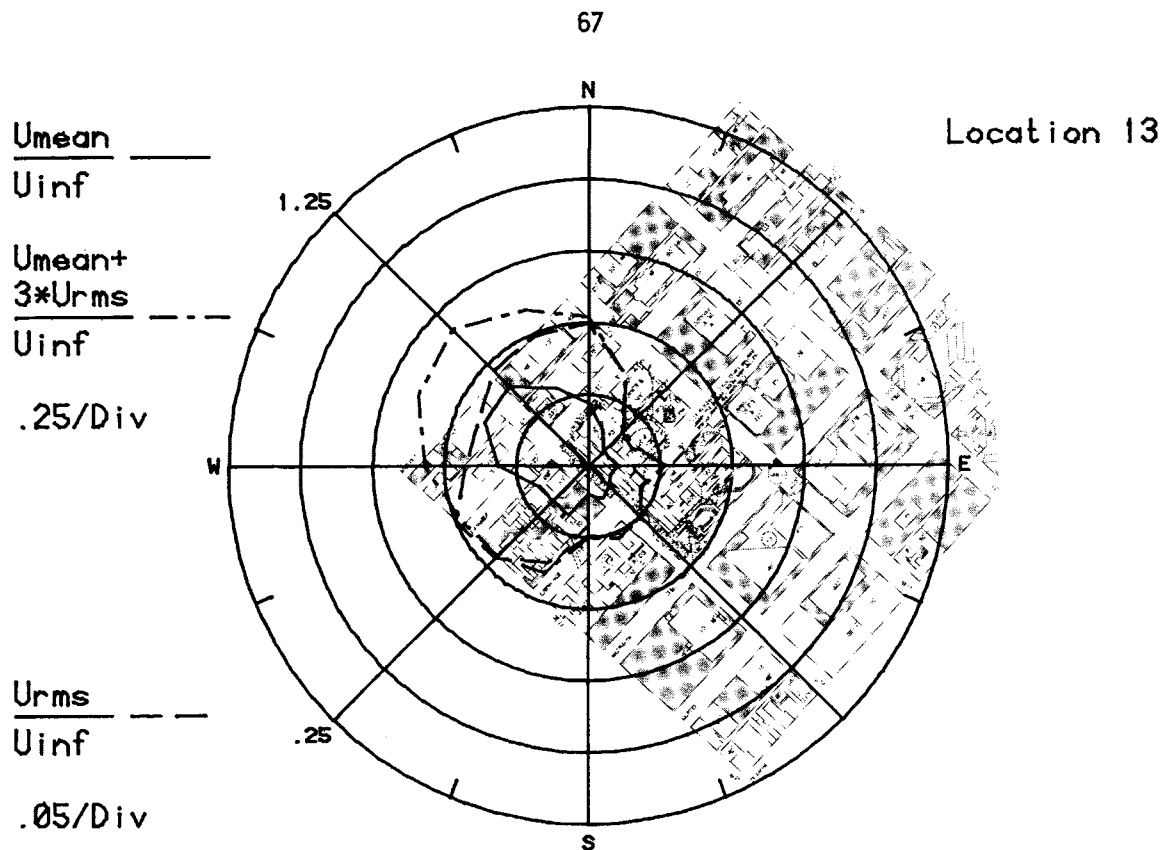


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

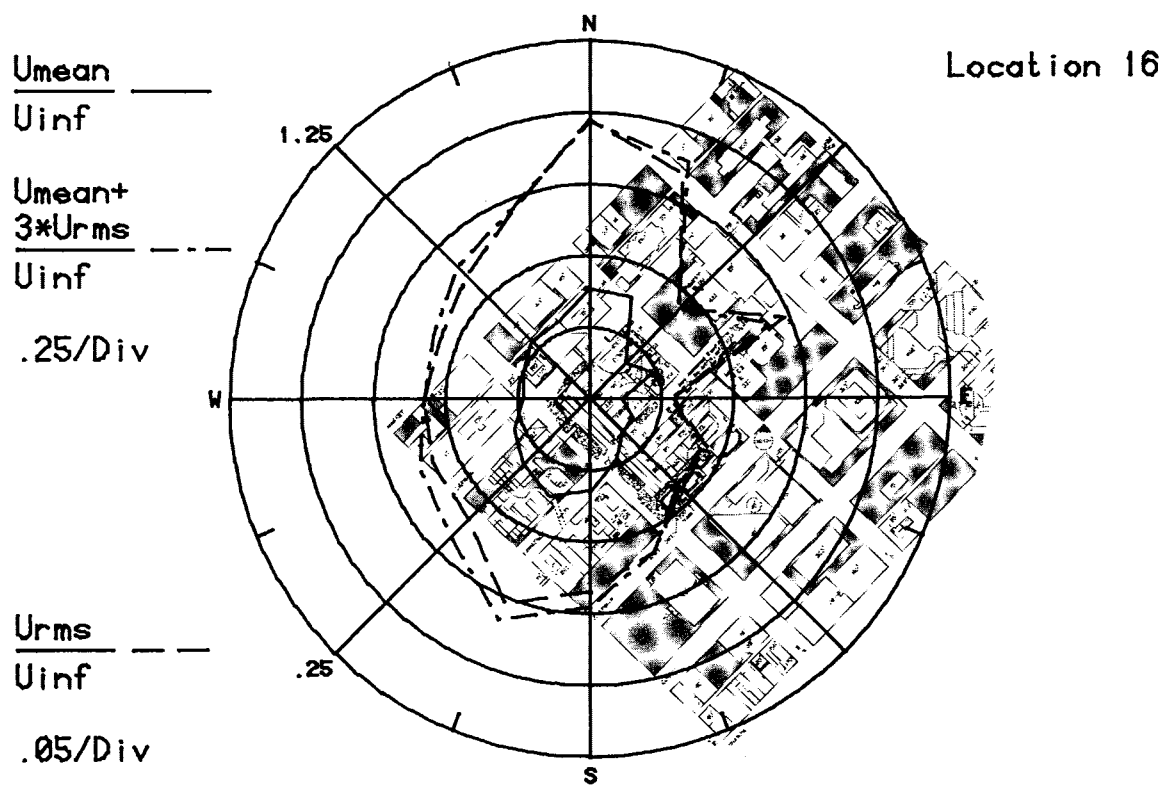
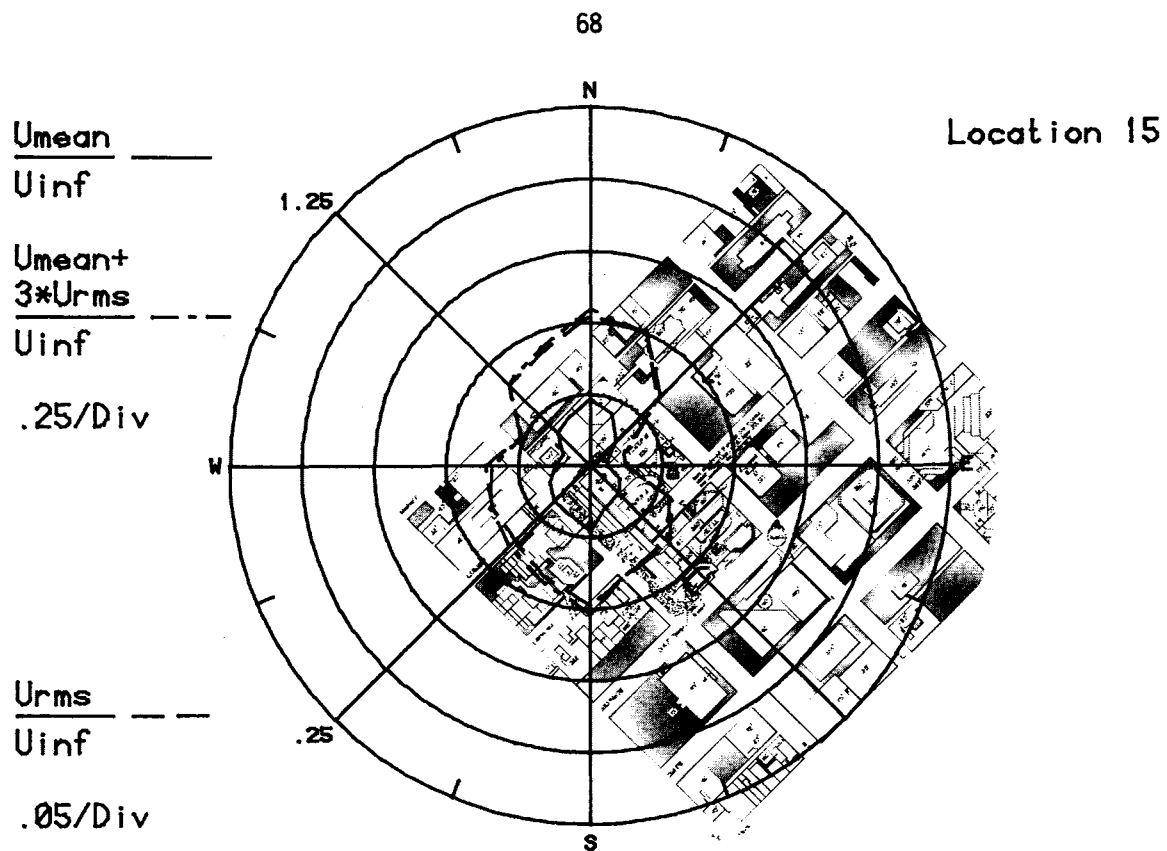
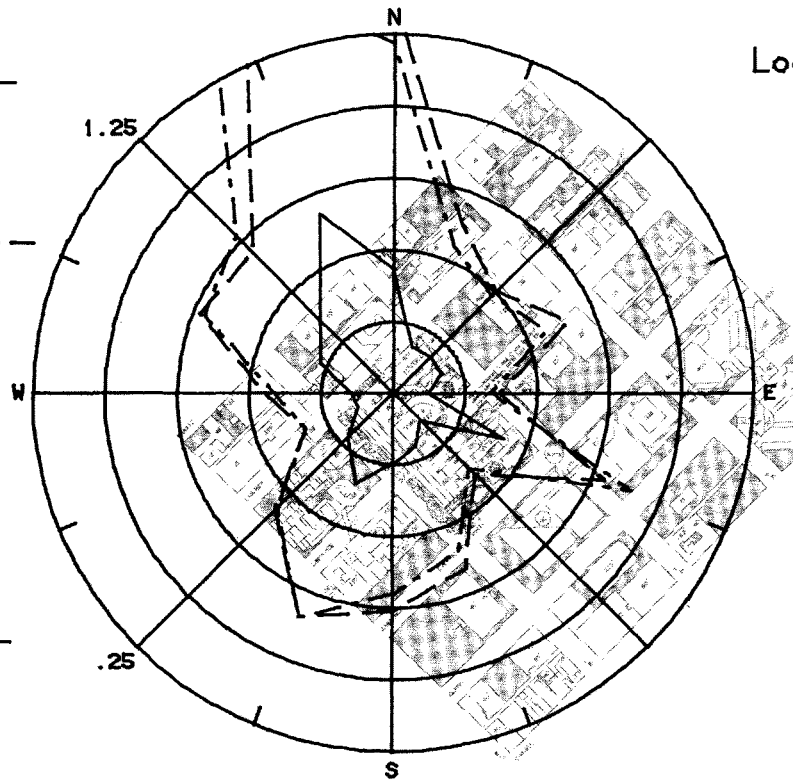


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

$\frac{U_{mean}}{U_{inf}}$ ———

 U_{inf}
 $\frac{U_{mean} + 3*U_{rms}}{U_{inf}}$ - - -

 U_{inf}
 $.25/Div$
 $\frac{U_{rms}}{U_{inf}}$ - - -

 U_{inf}
 $.05/Div$

 $\frac{U_{mean}}{U_{inf}}$ ———

 U_{inf}
 $\frac{U_{mean} + 3*U_{rms}}{U_{inf}}$ - - -

 U_{inf}
 $.25/Div$
 $\frac{U_{rms}}{U_{inf}}$ - - -

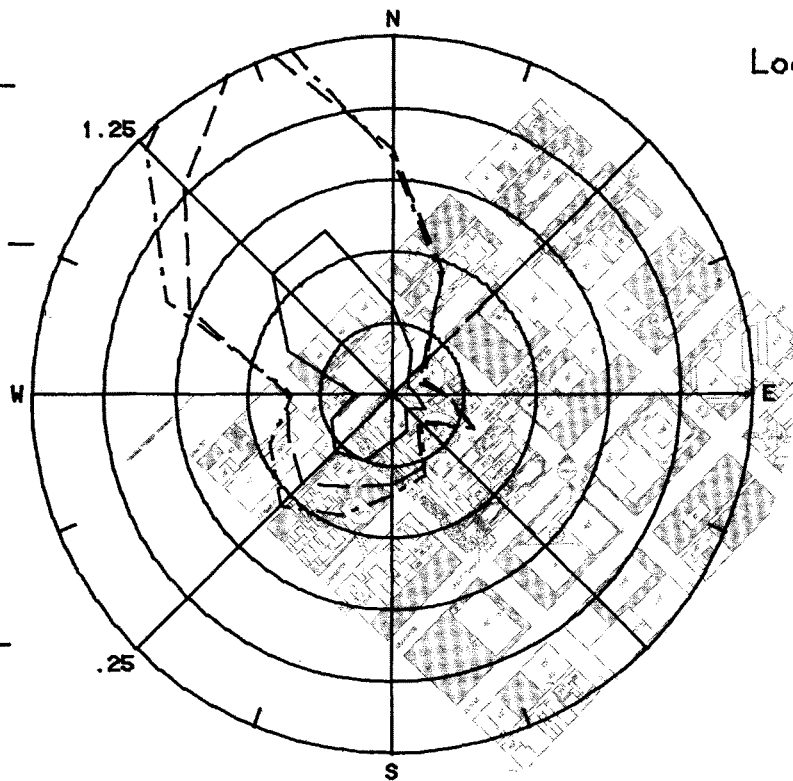
 U_{inf}
 $.05/Div$


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

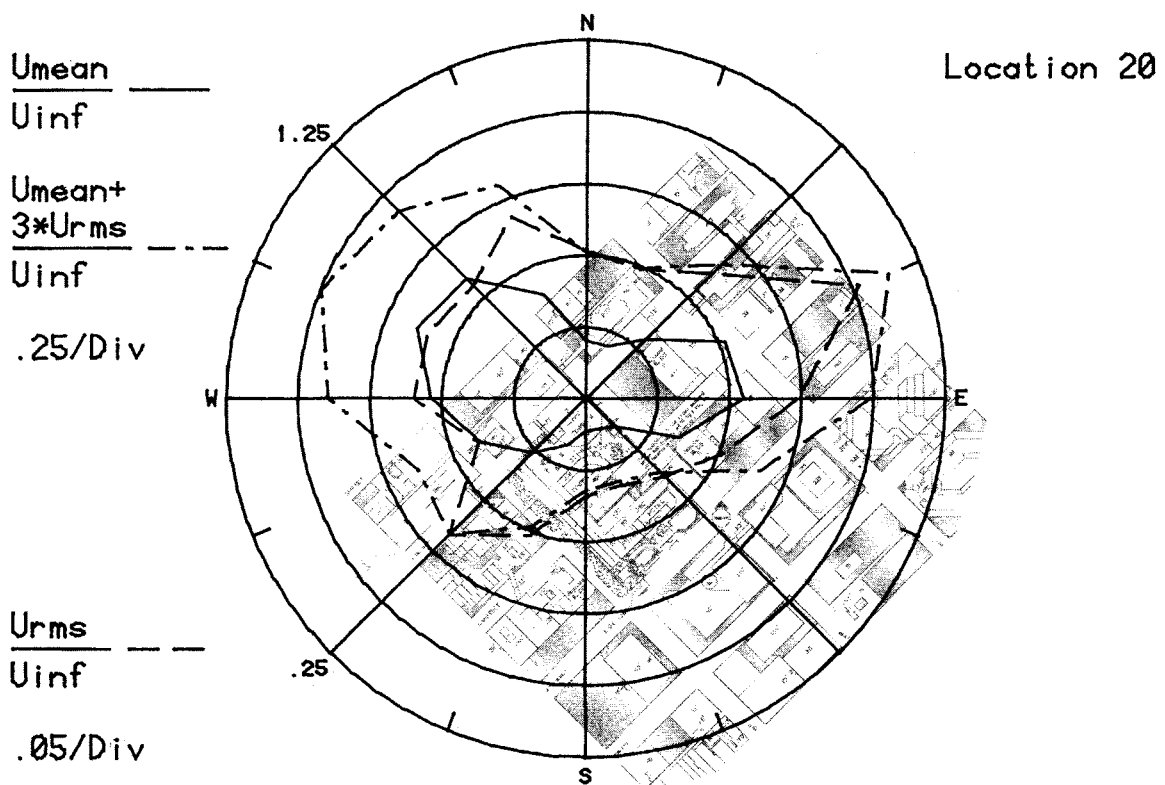
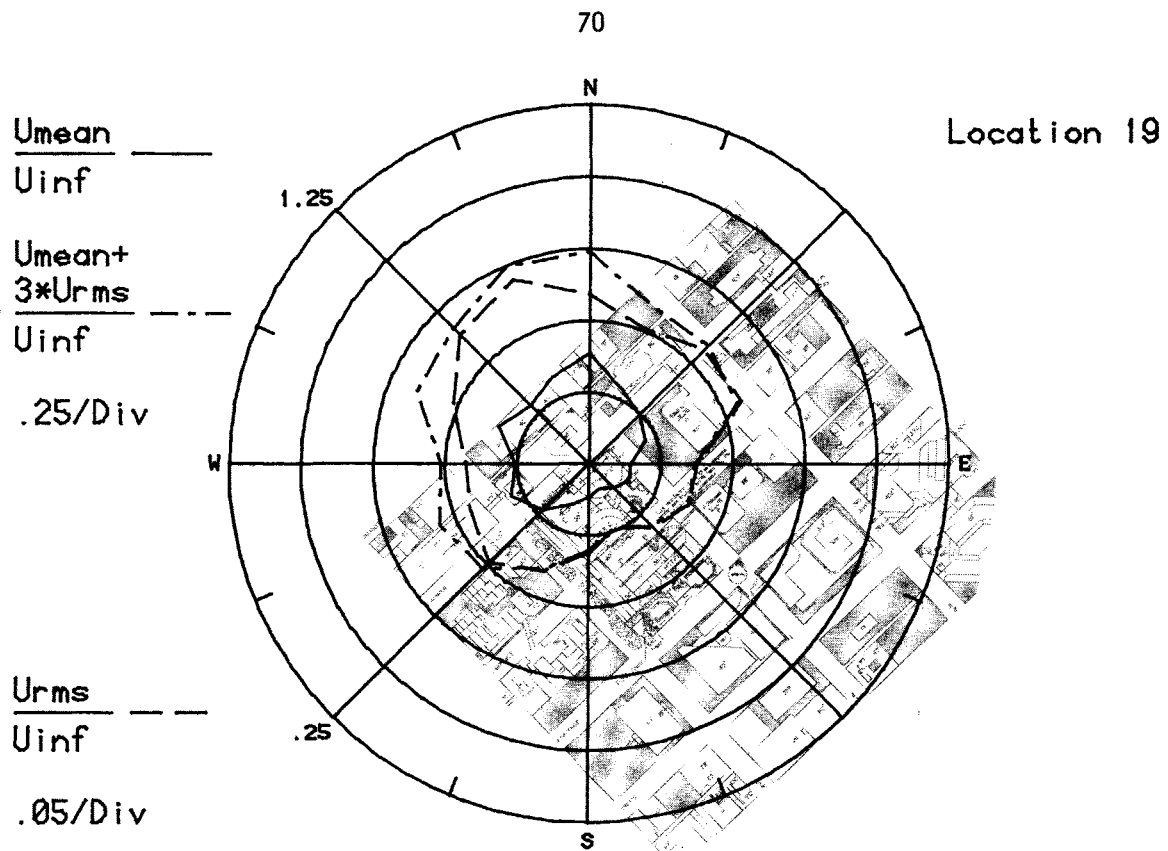


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20

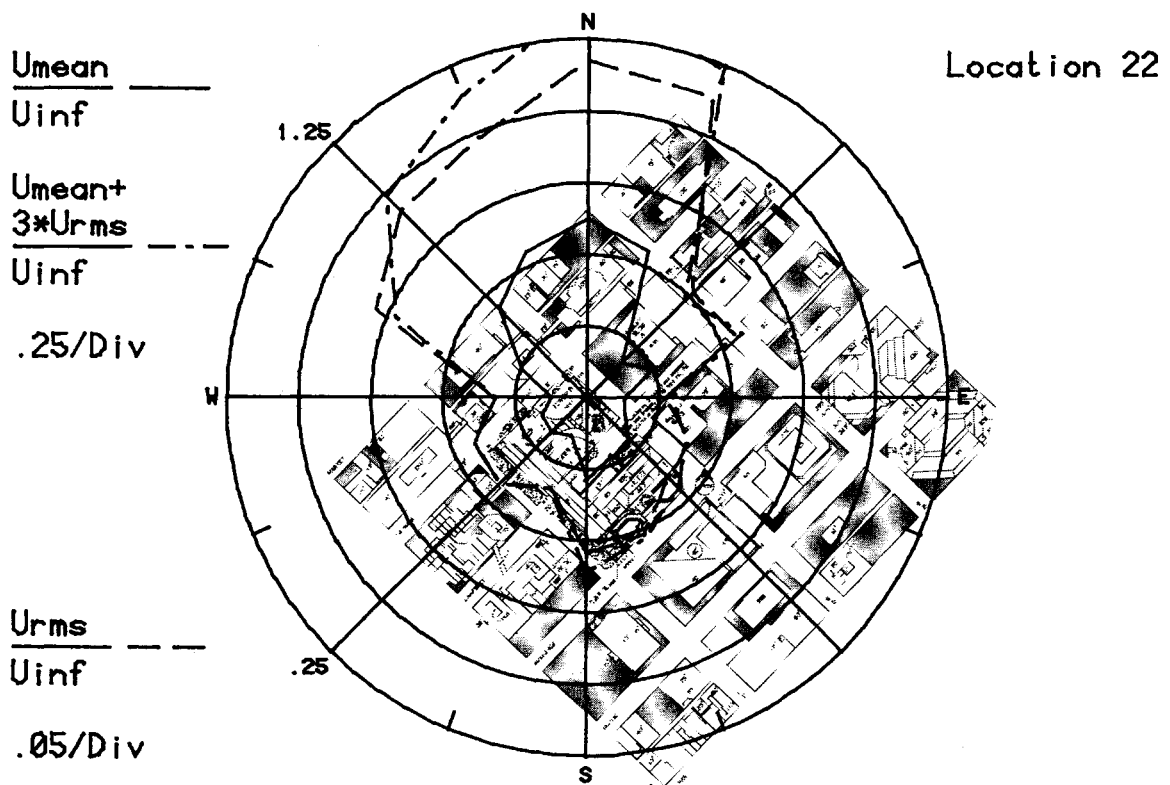
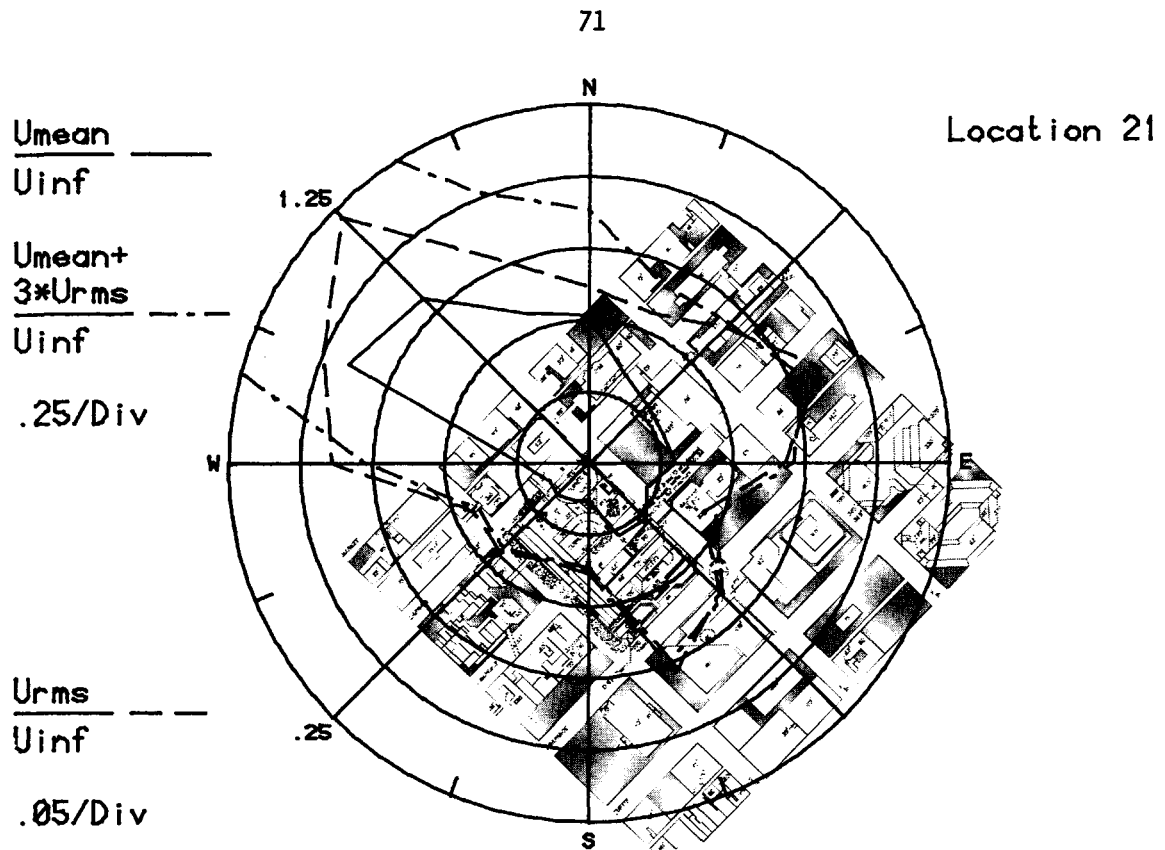


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22

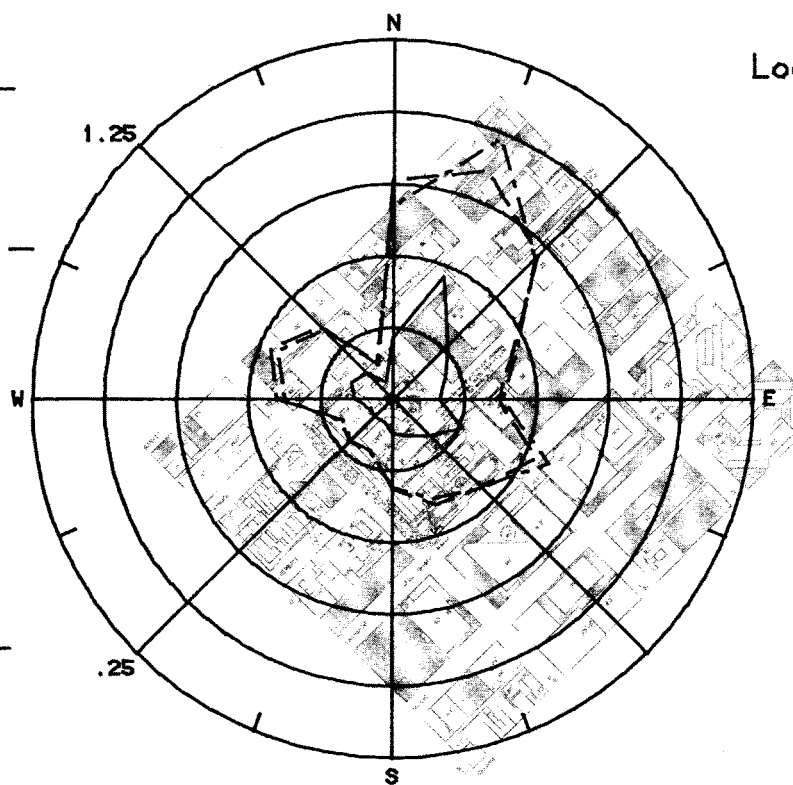
$\frac{U_{mean}}{U_{inf}}$ ———

$\frac{U_{mean} + 3*U_{rms}}{U_{inf}}$ - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - -

.05/Div



$\frac{U_{mean}}{U_{inf}}$ ———

$\frac{U_{mean} + 3*U_{rms}}{U_{inf}}$ - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - -

.05/Div

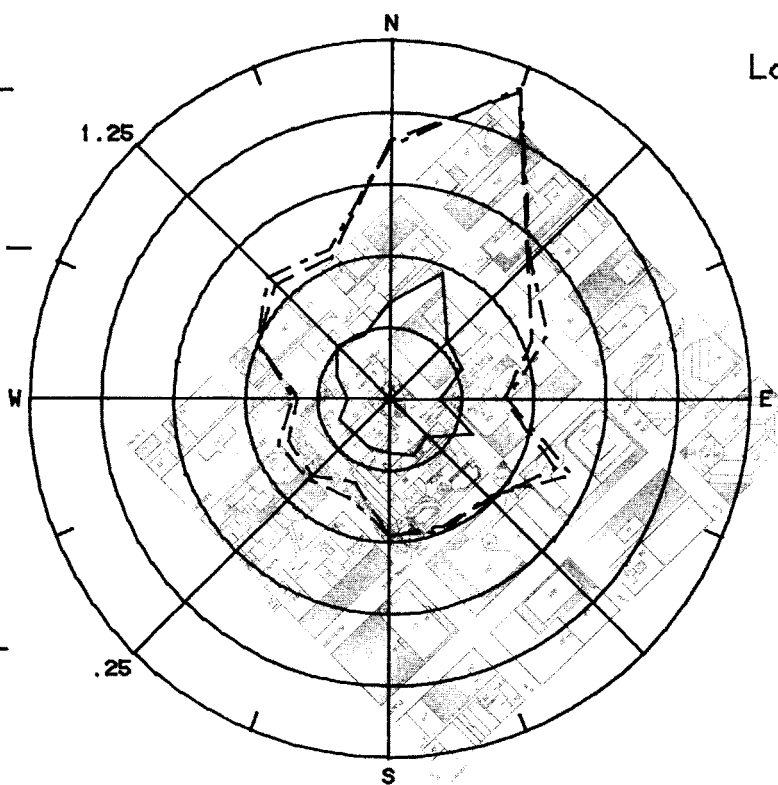


Figure 81. Mean Velocities and Turbulence Intensities at Pedestrian Locations 23 and 24

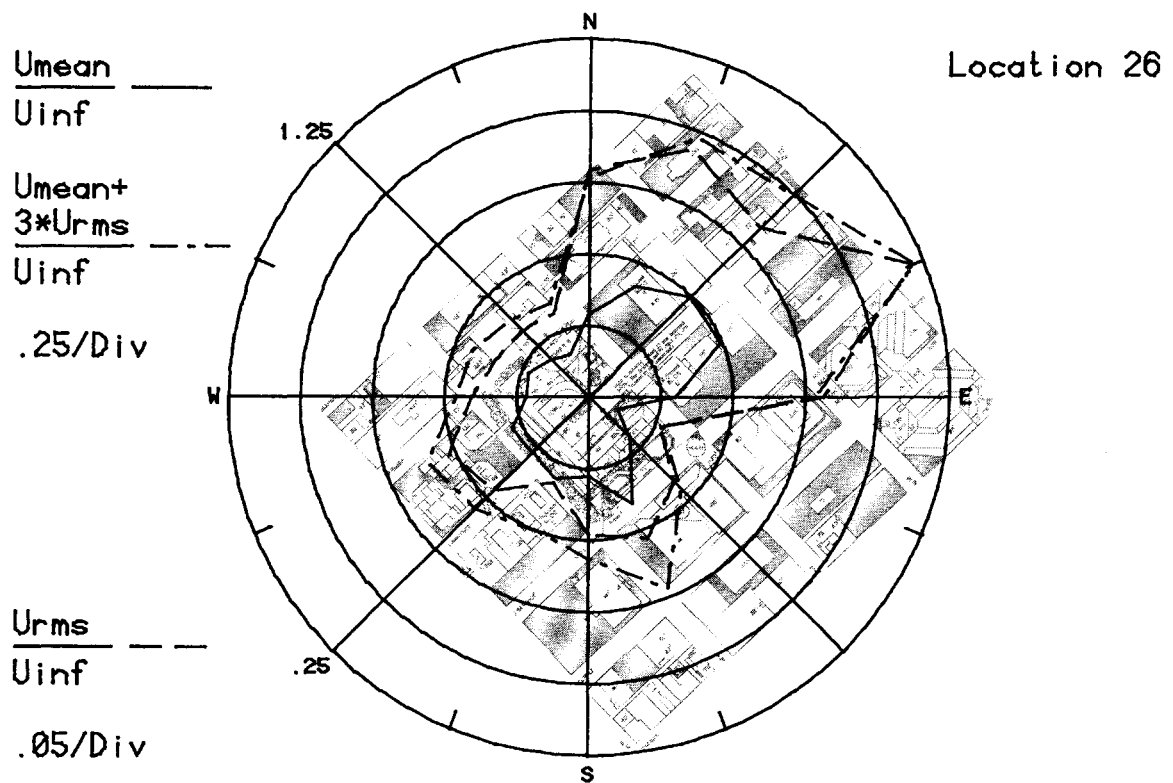
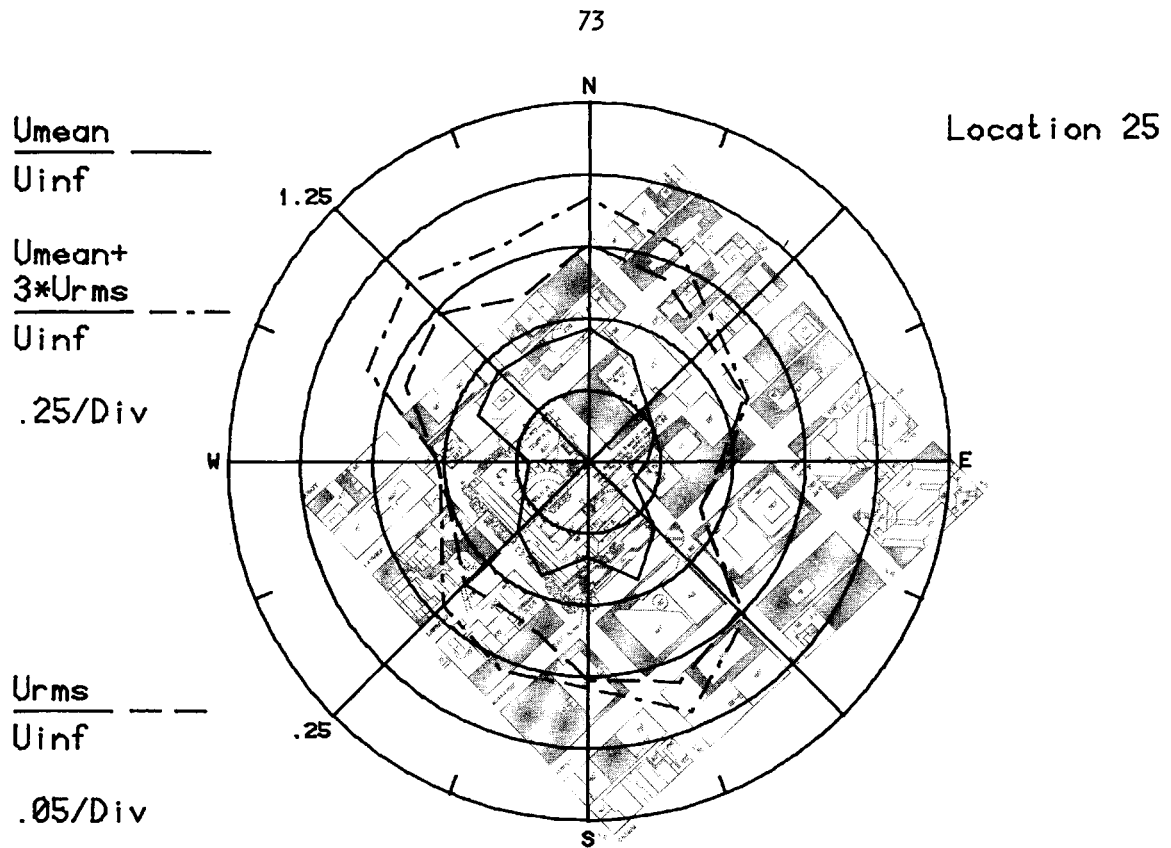


Figure 8m. Mean Velocities and Turbulence Intensities at Pedestrian Locations 25 and 26

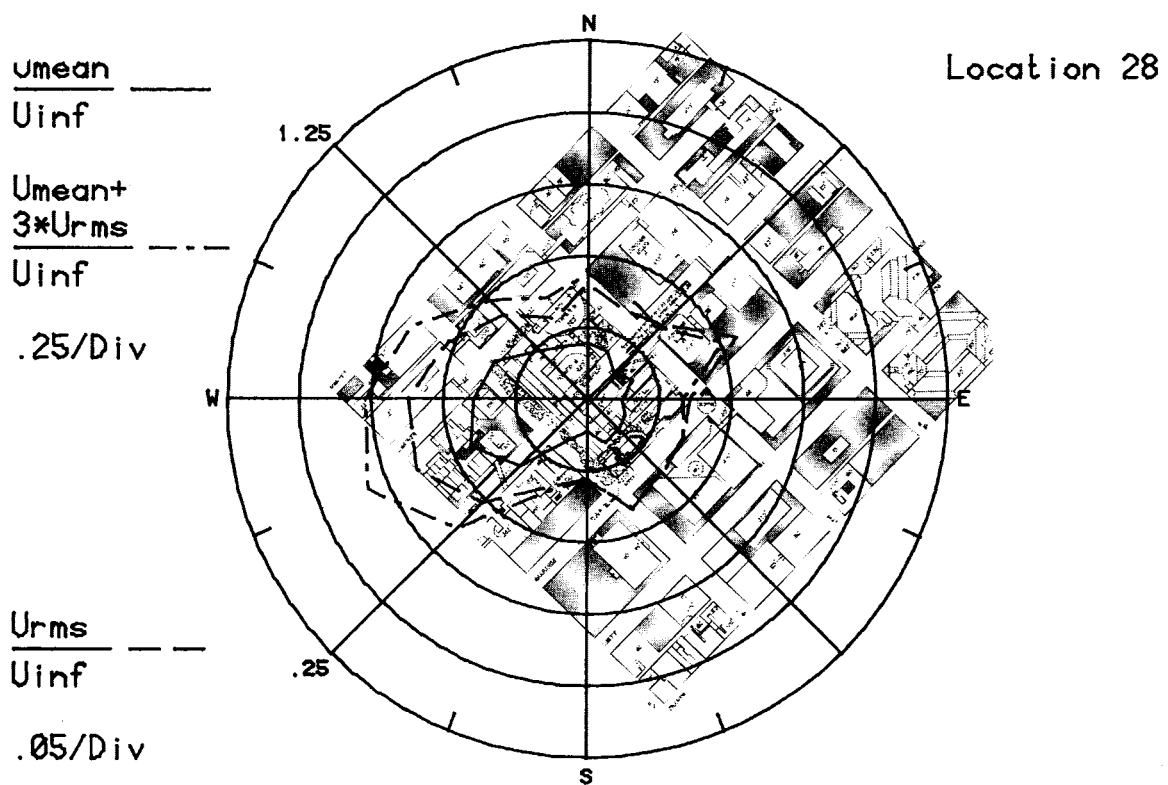
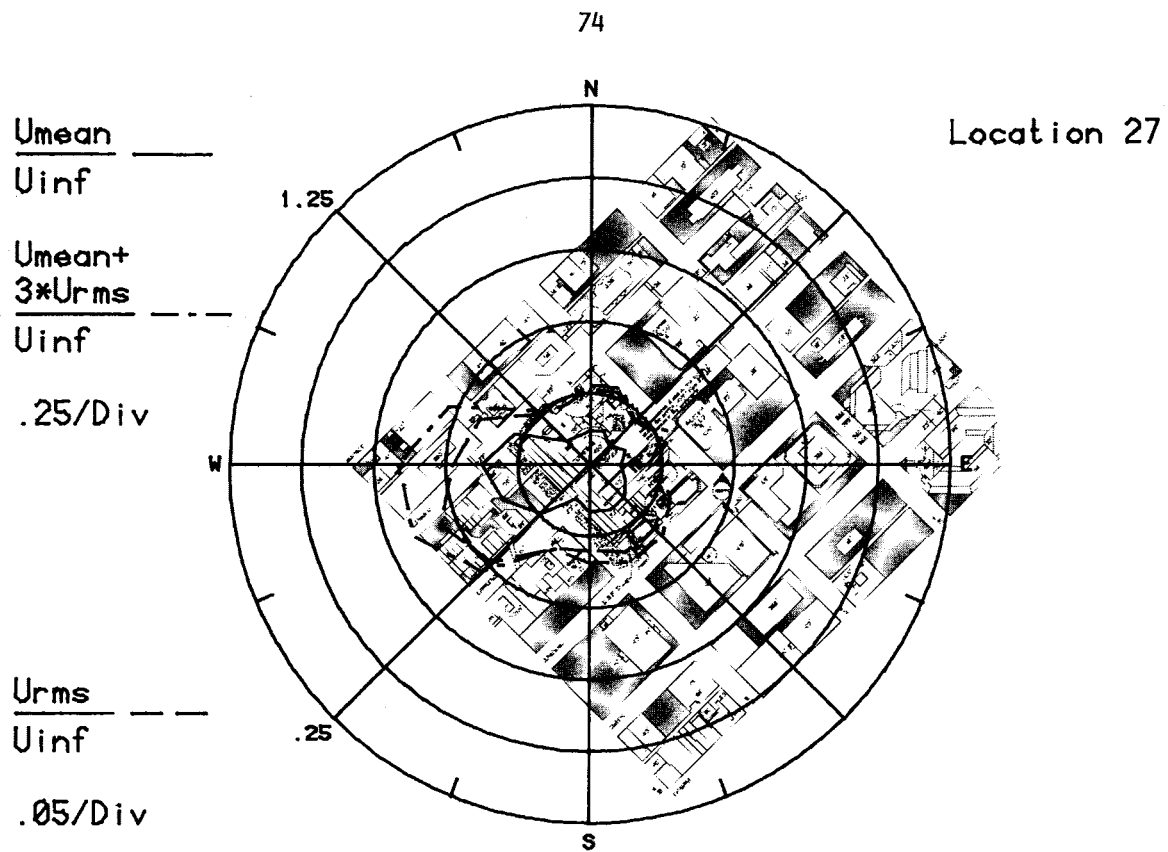


Figure 8n. Mean Velocities and Turbulence Intensities at Pedestrian Locations 27 and 28

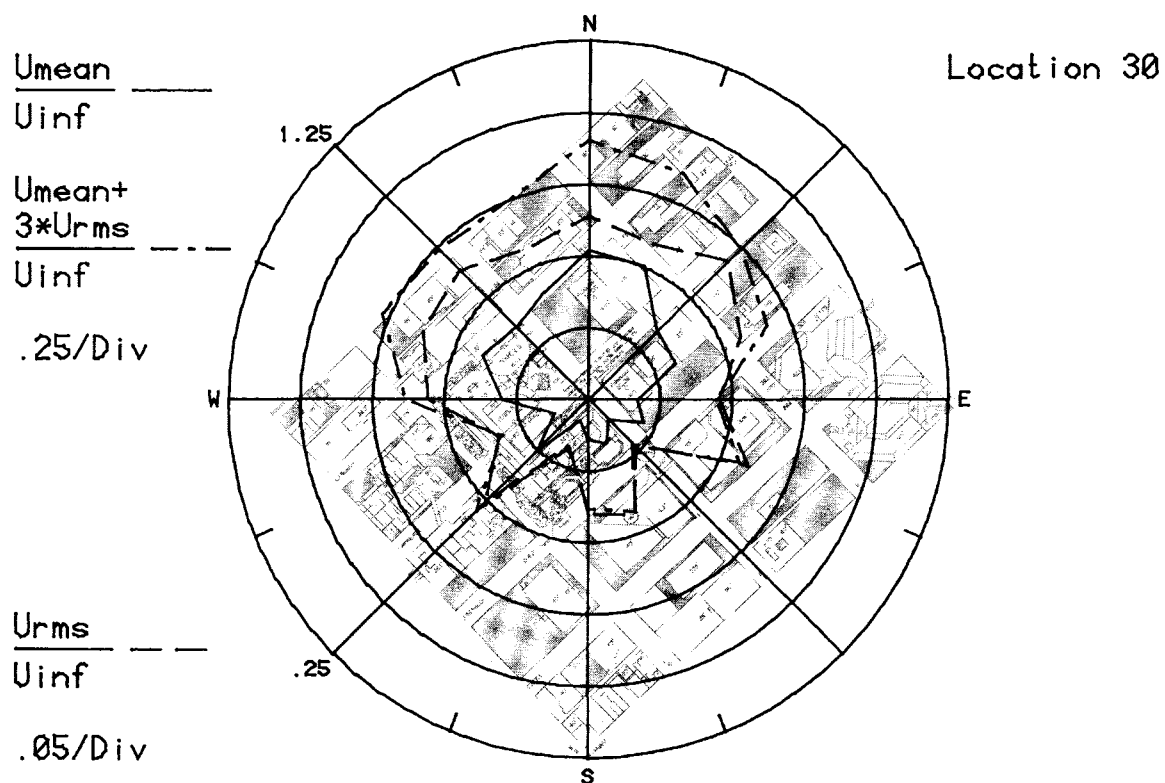
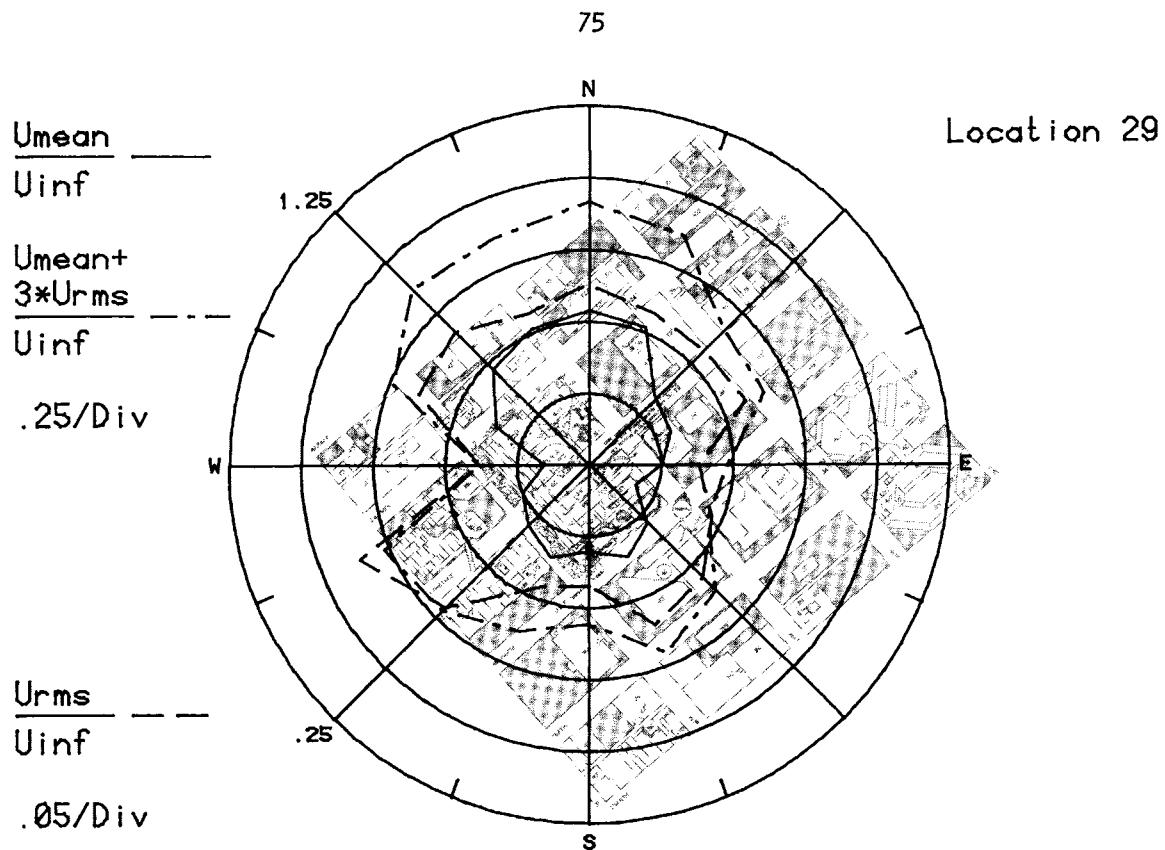


Figure 80. Mean Velocities and Turbulence Intensities at Pedestrian Locations 29 and 30

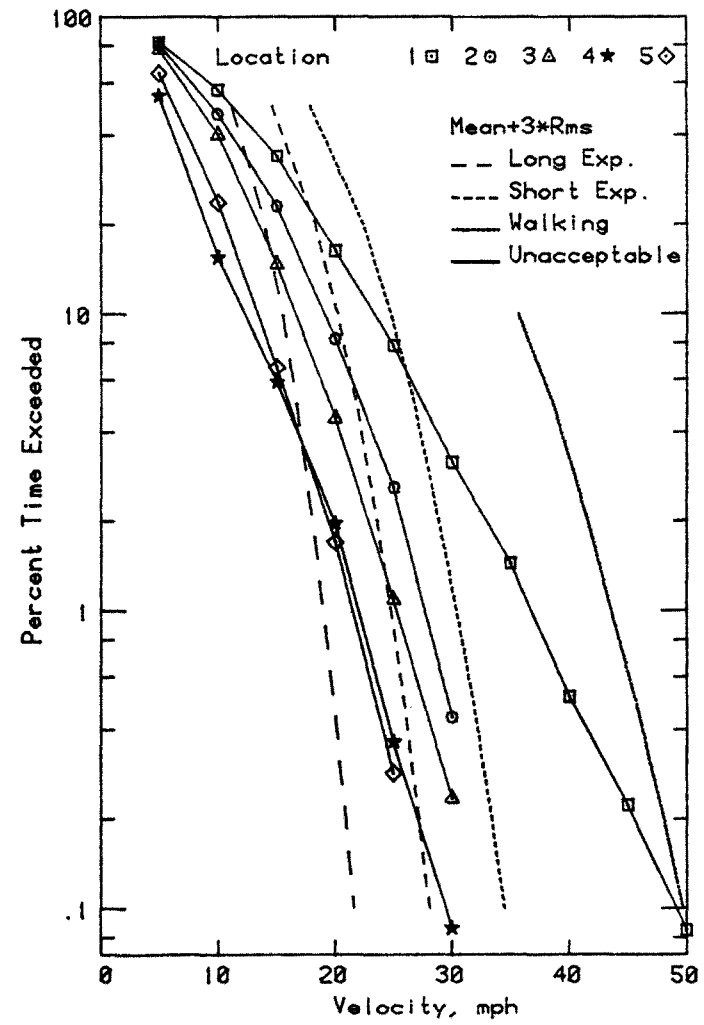
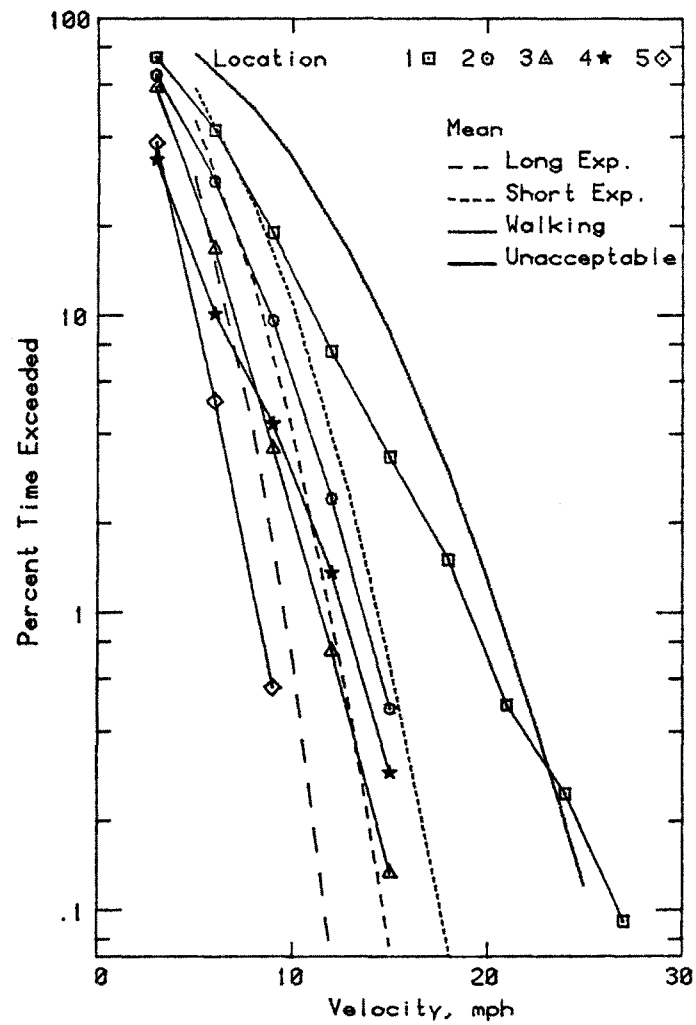


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

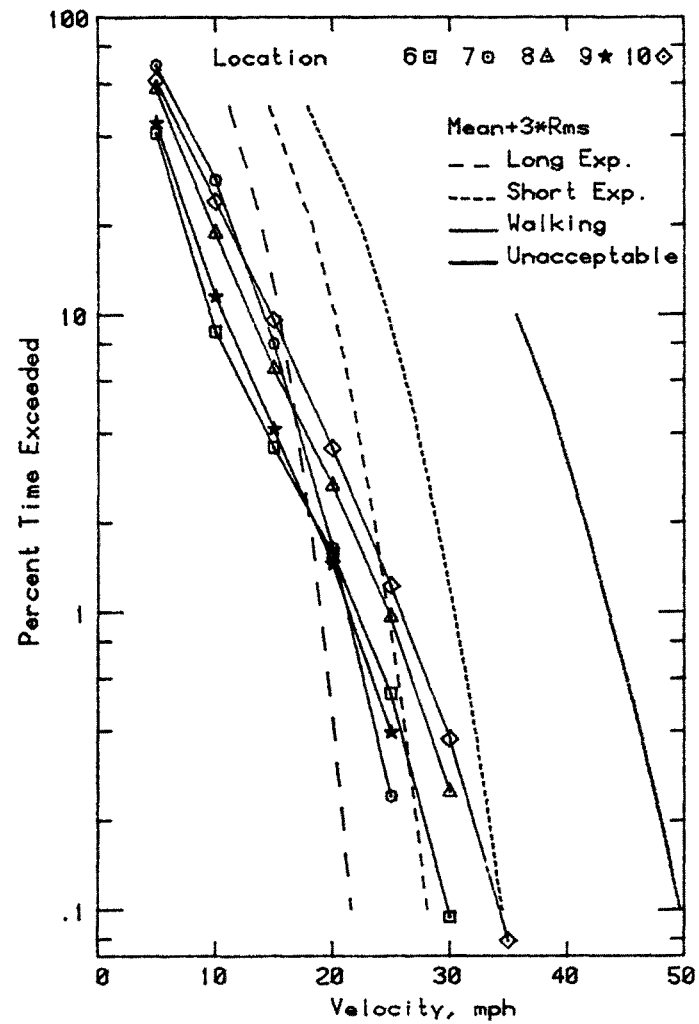
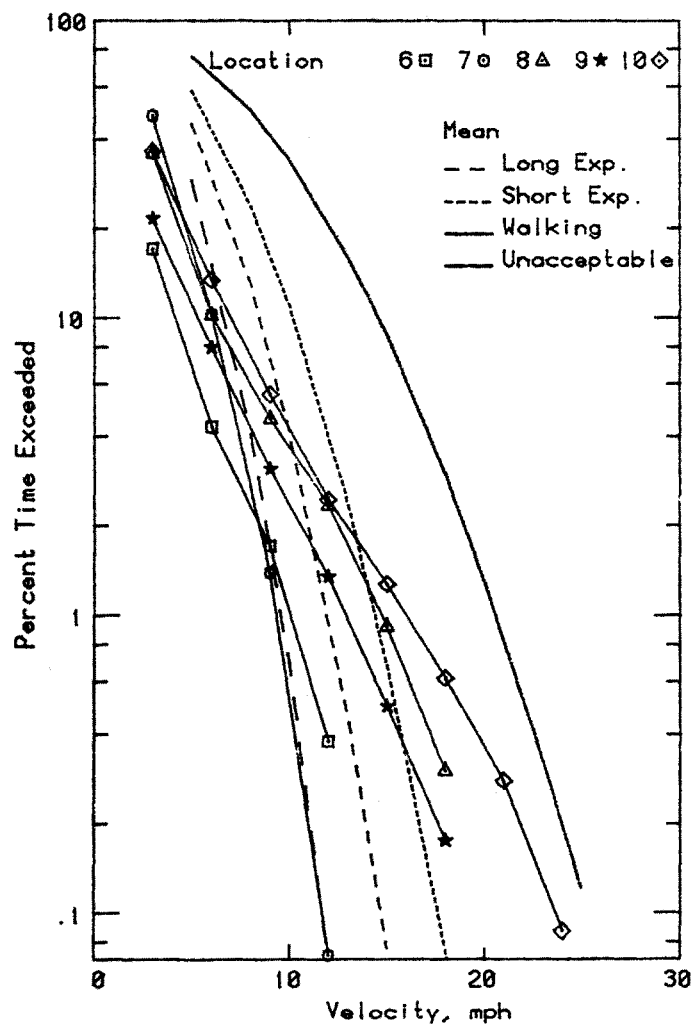


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

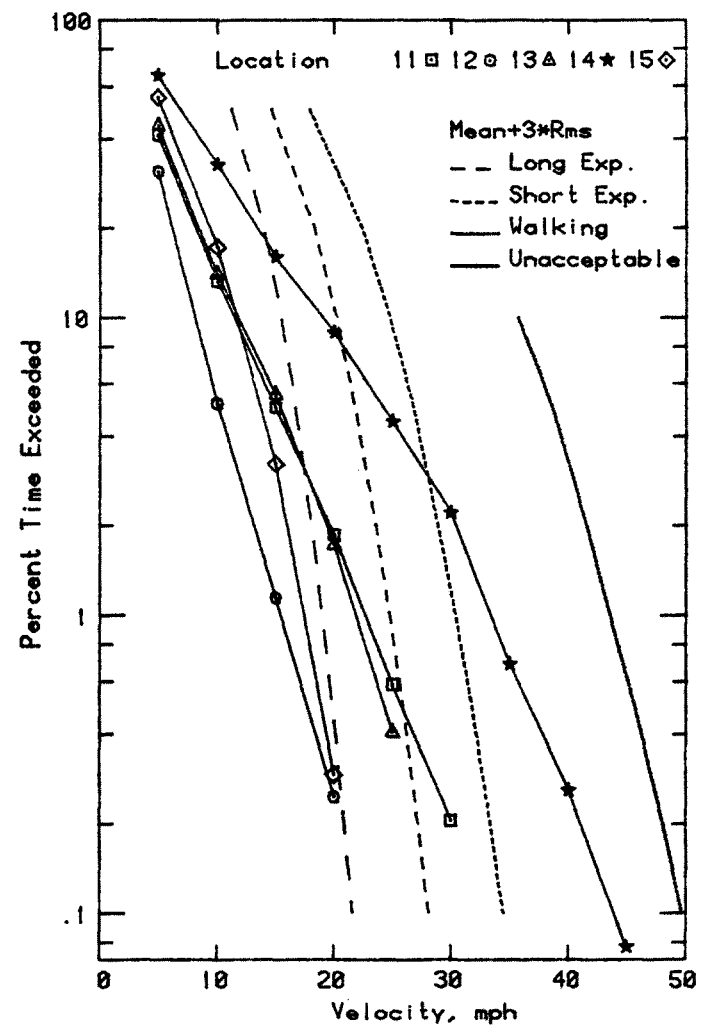
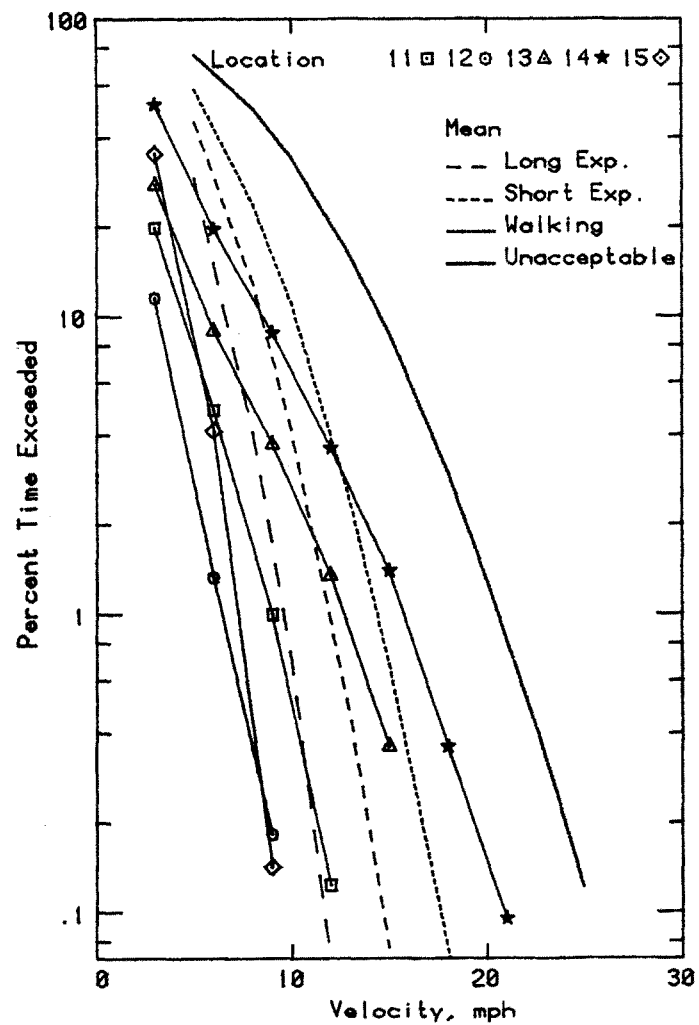


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

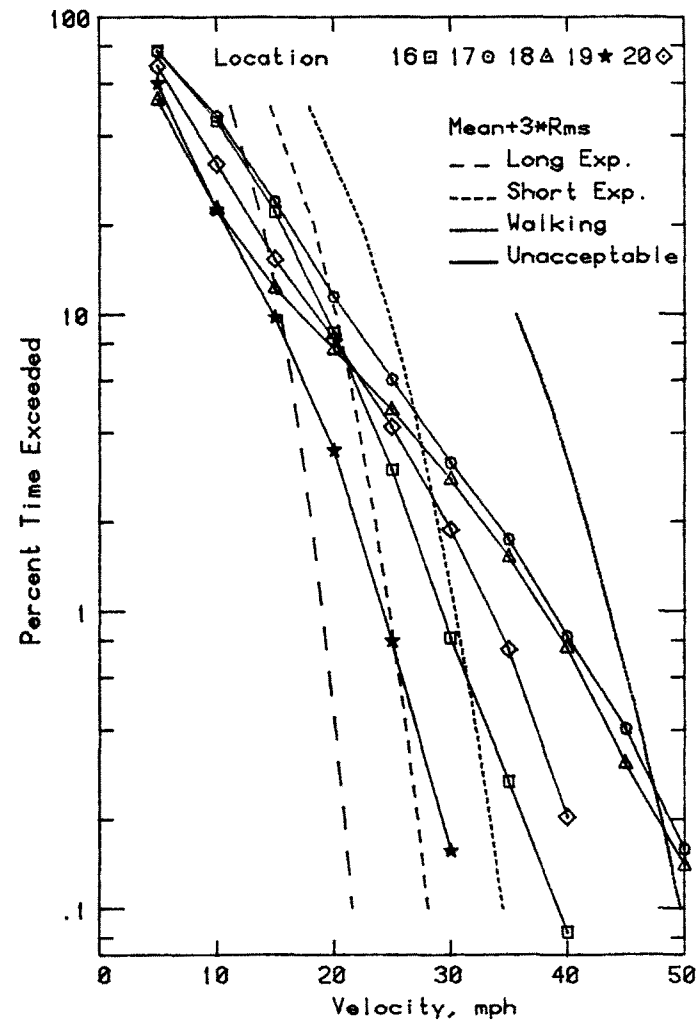
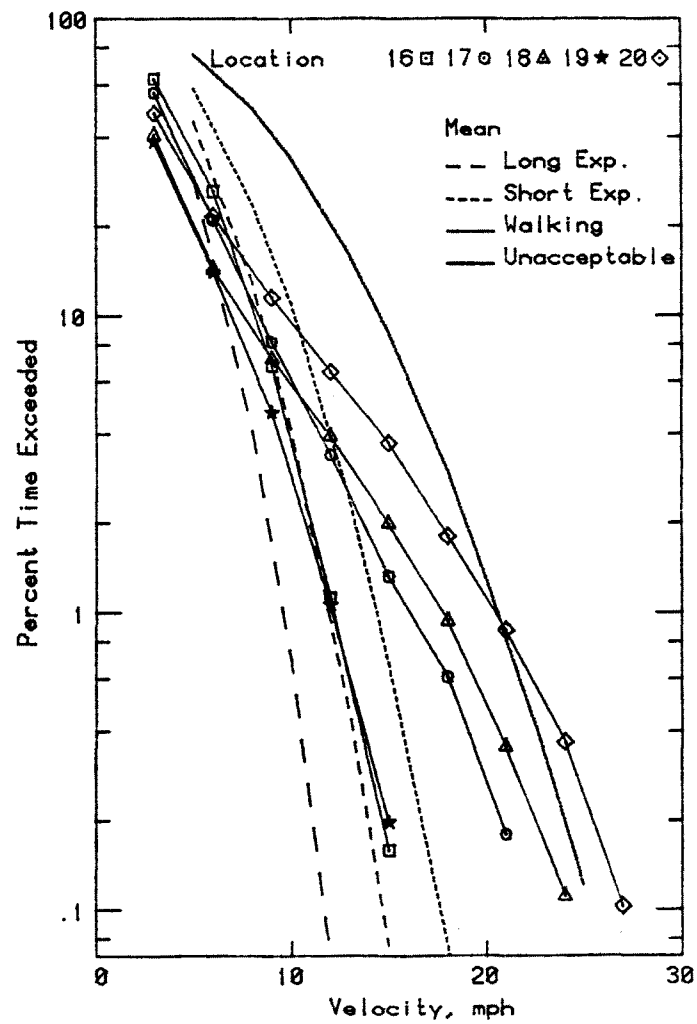


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

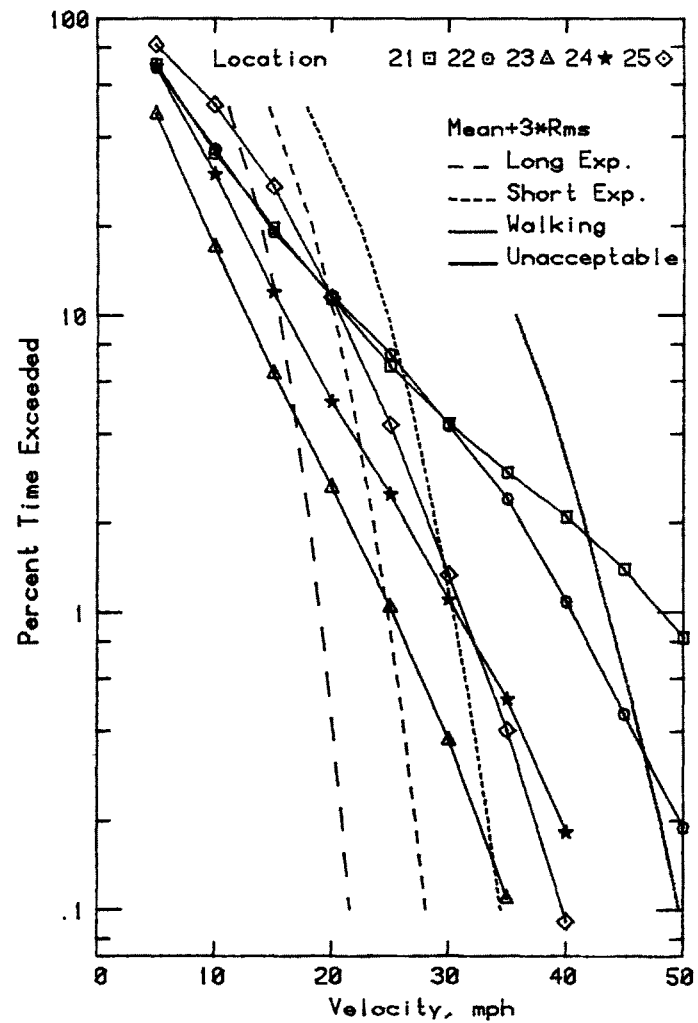
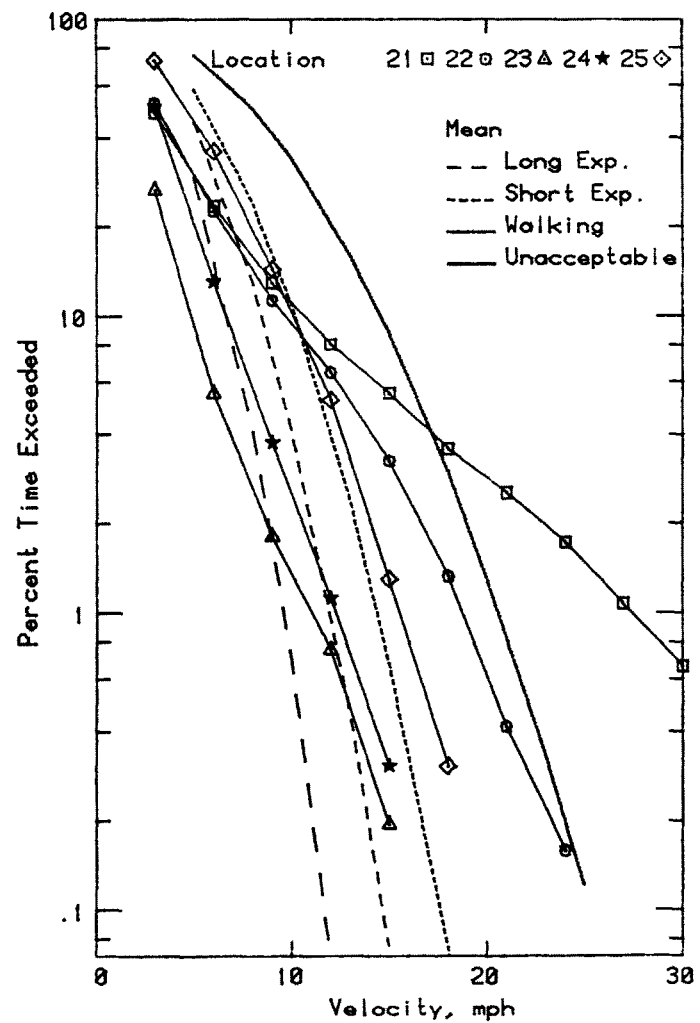


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

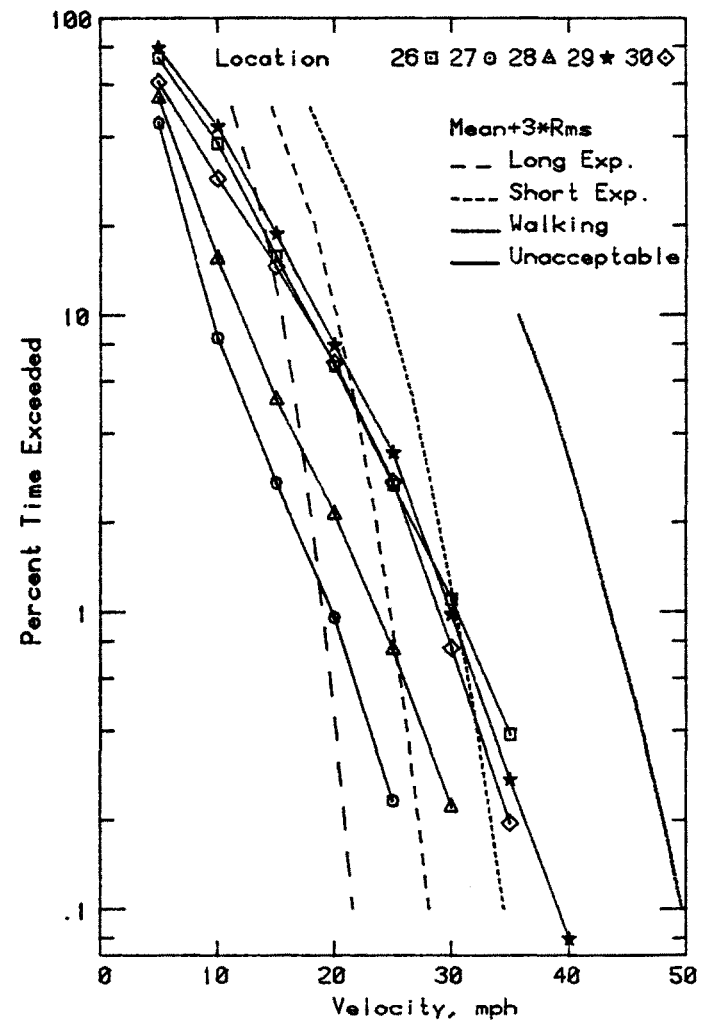
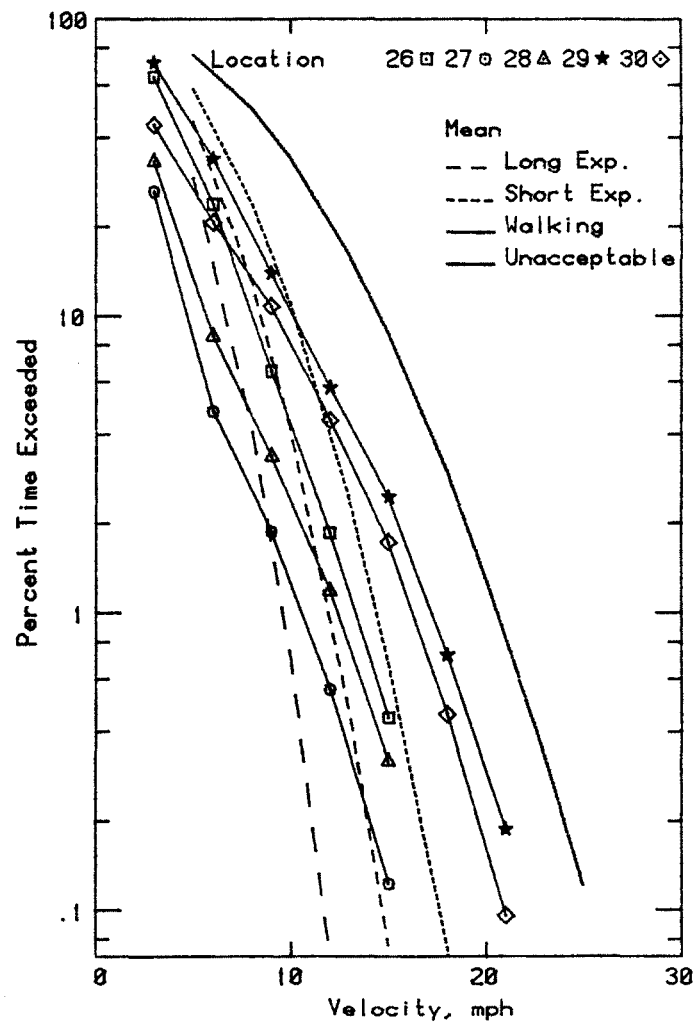
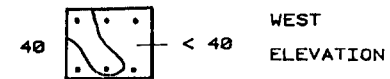
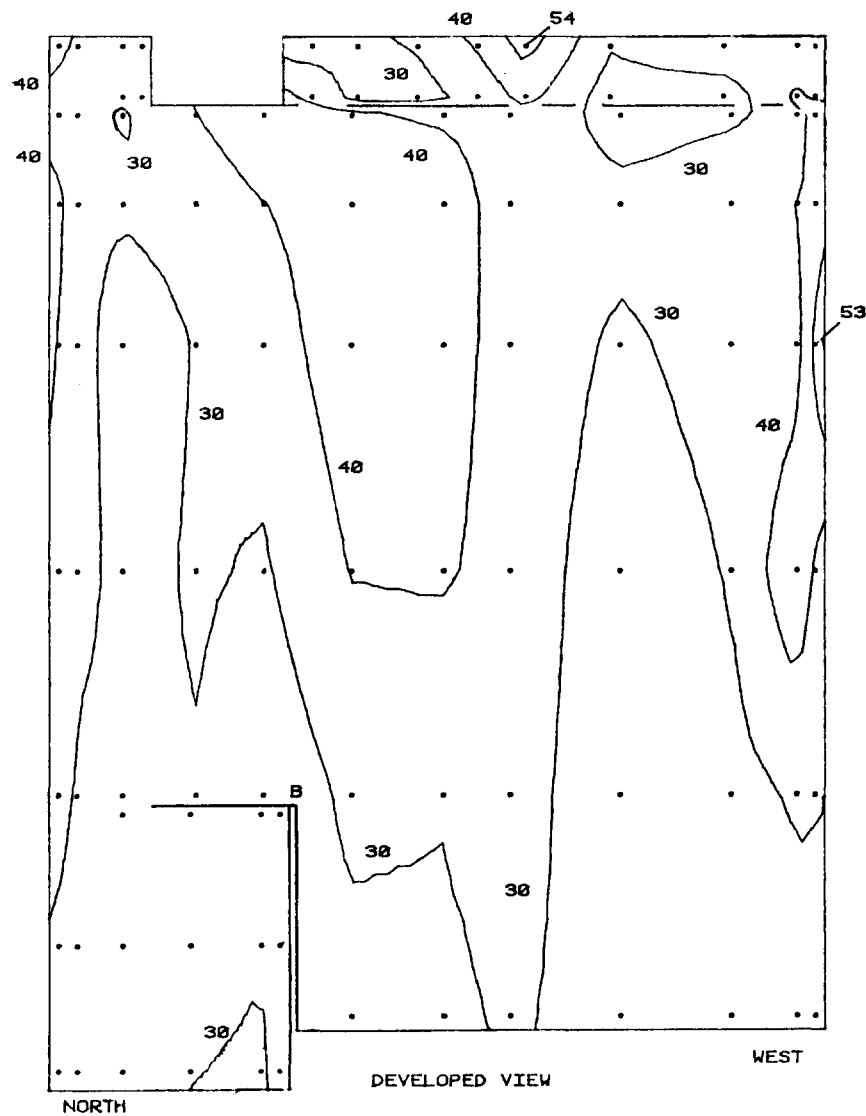


Figure 9f. Wind Velocity Probabilities for Pedestrian Locations



TOWER A
CONFIGURATION A
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

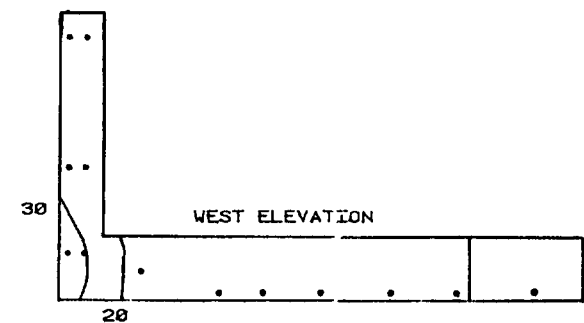
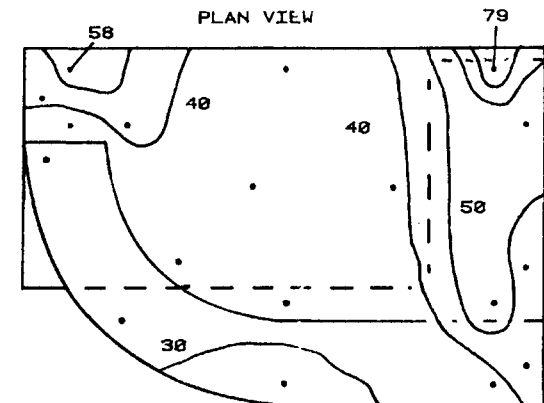


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

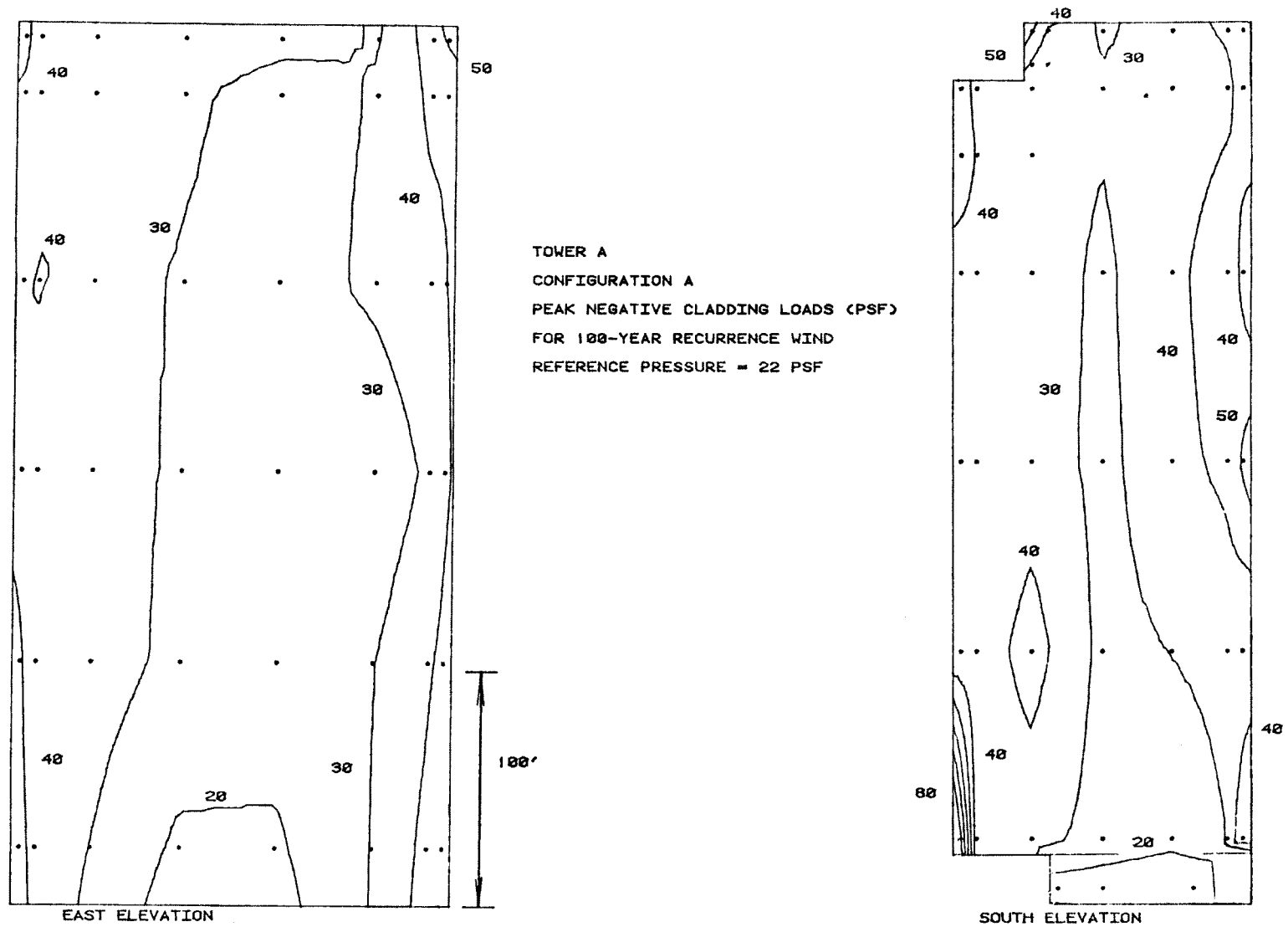
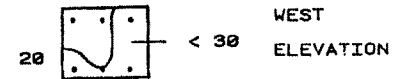
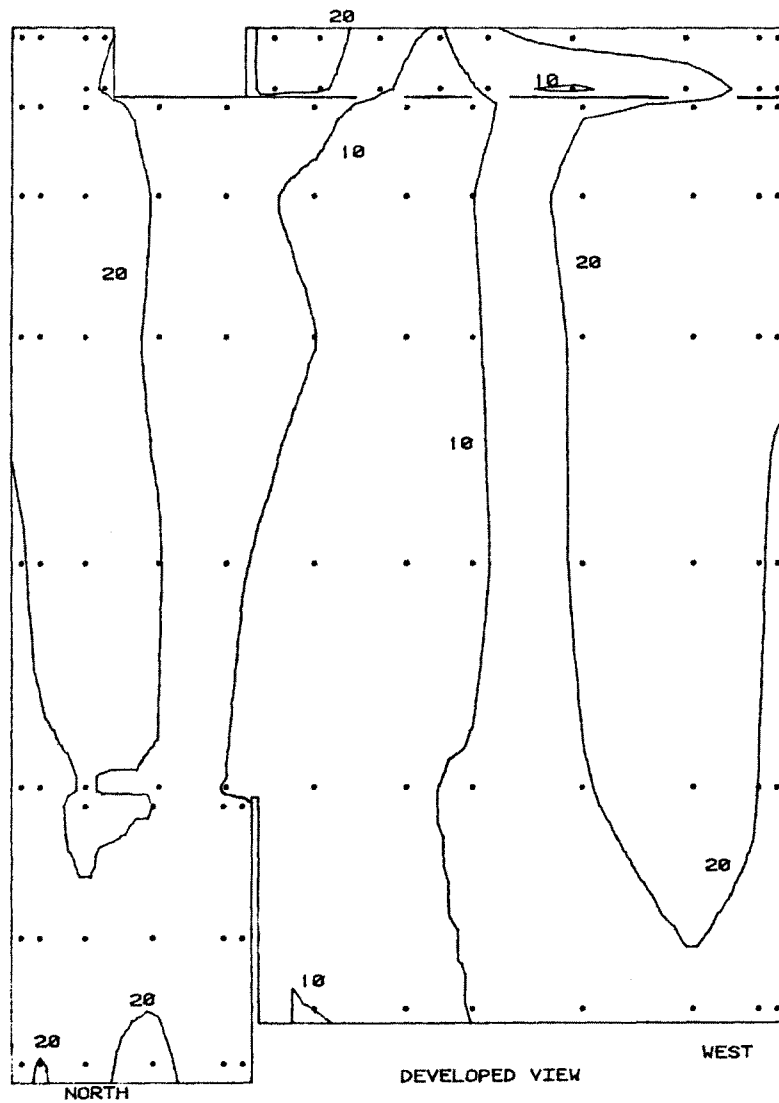


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads



TOWER A
CONFIGURATION A
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

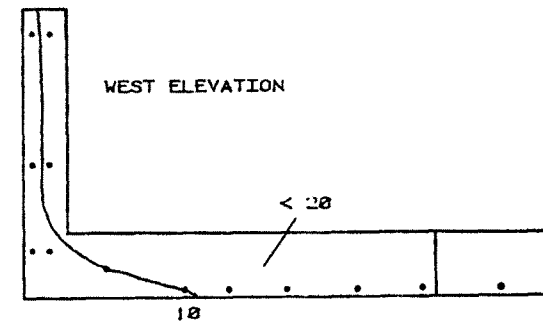
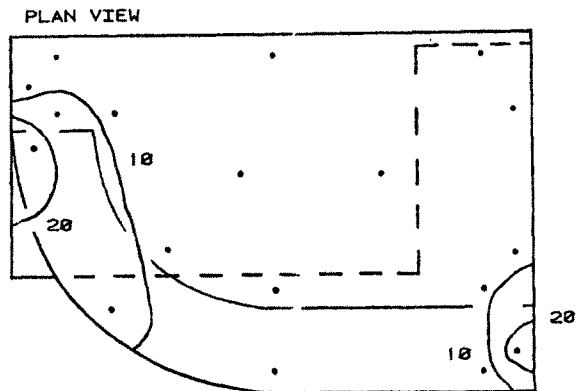
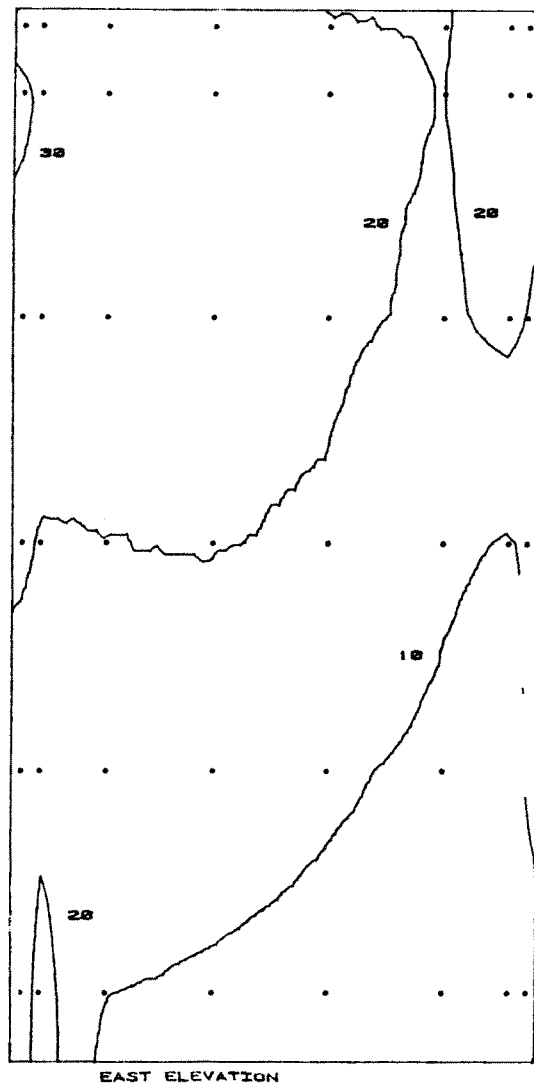


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads



TOWER A
 CONFIGURATION A
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

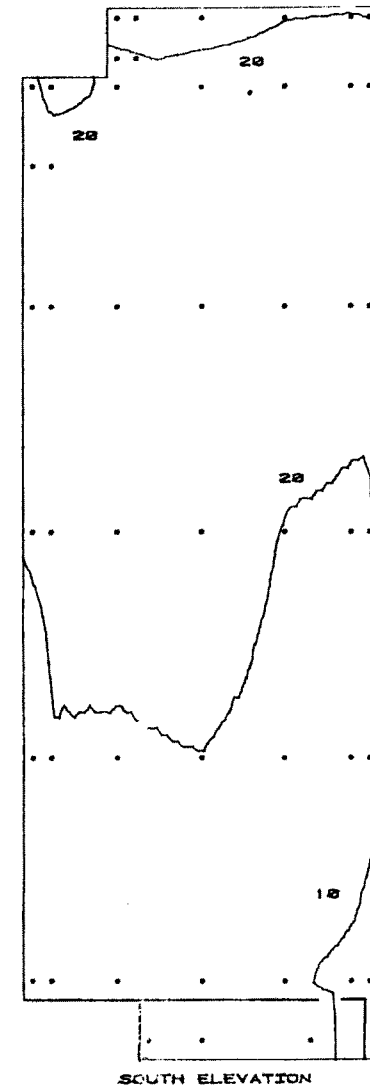
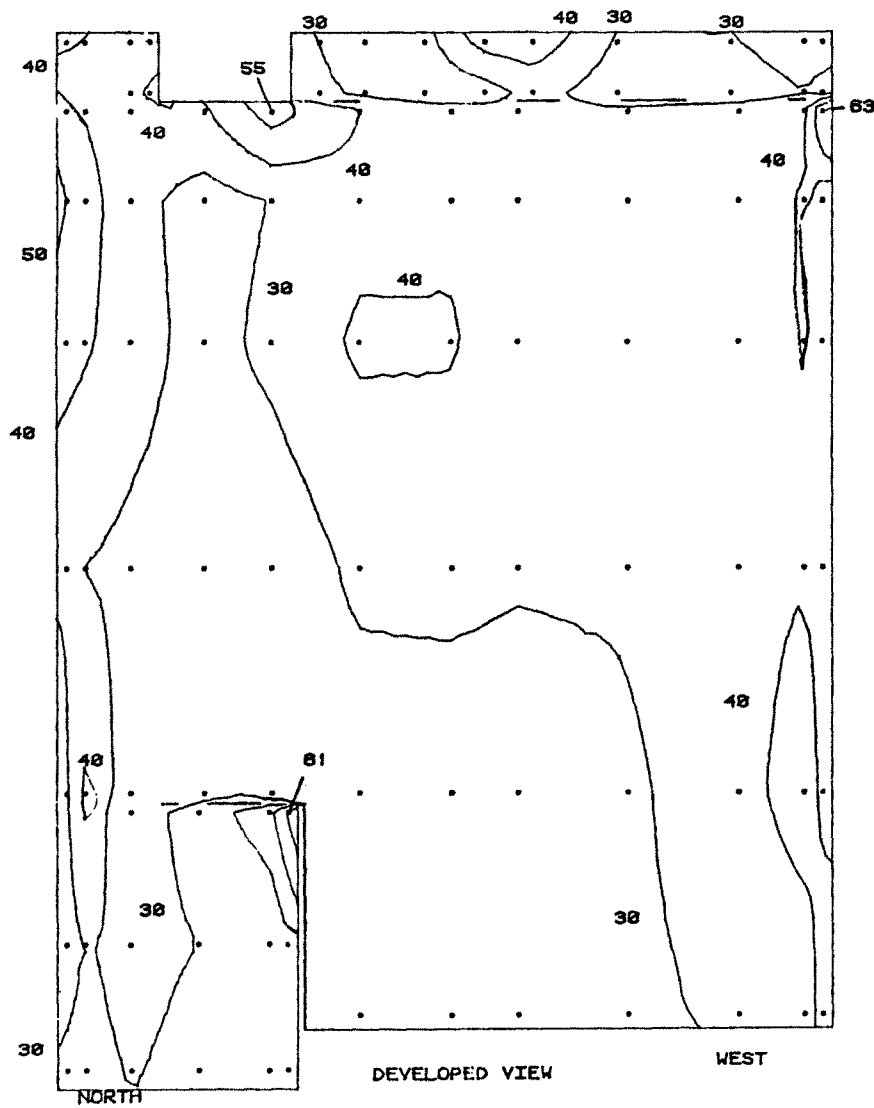


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads




 WEST
ELEVATION

 TOWER A
CONFIGURATION B
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

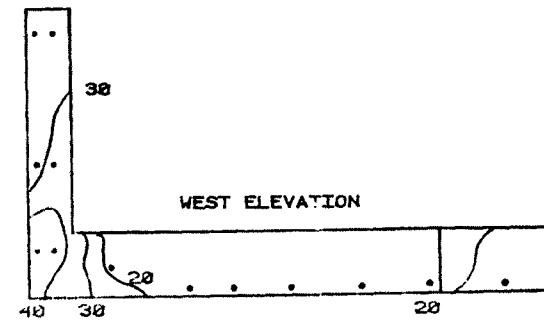
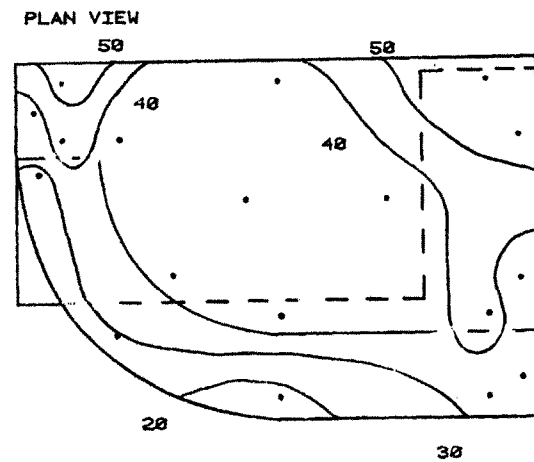


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

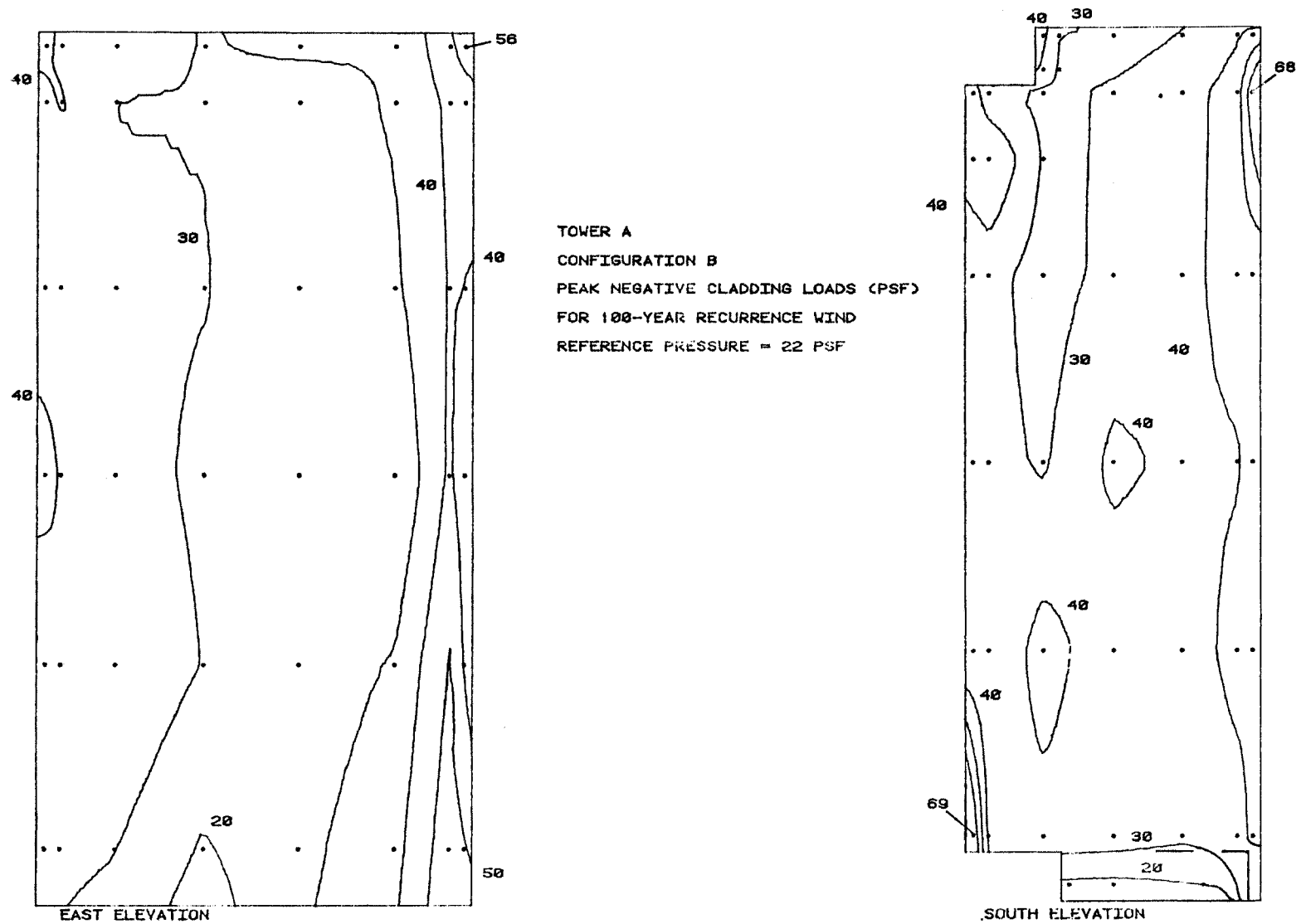
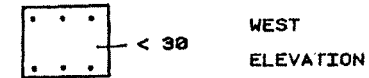
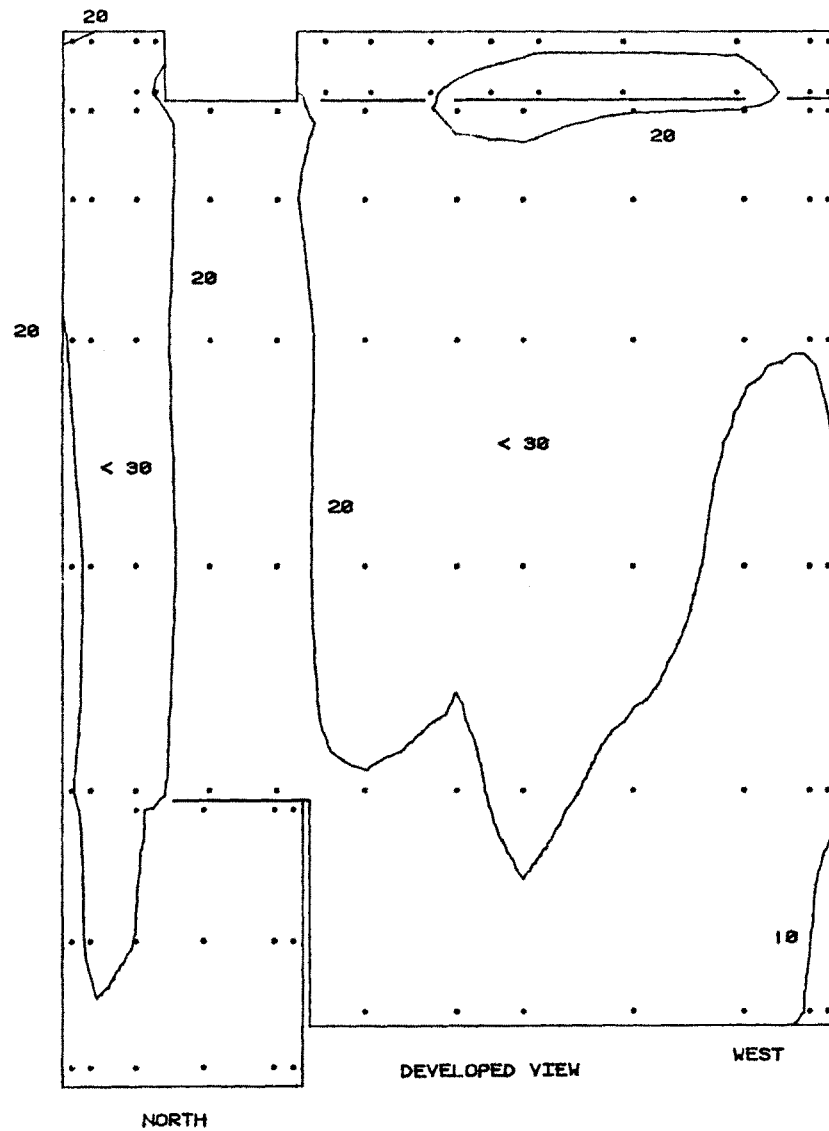


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads



TOWER A
CONFIGURATION B
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

PLAN VIEW

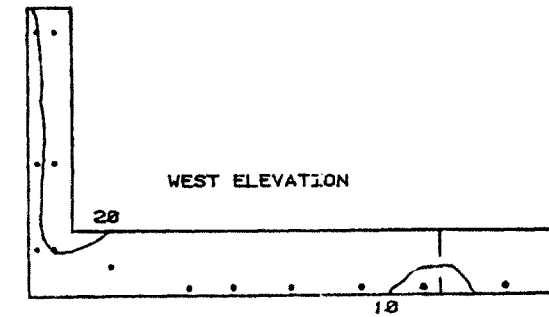
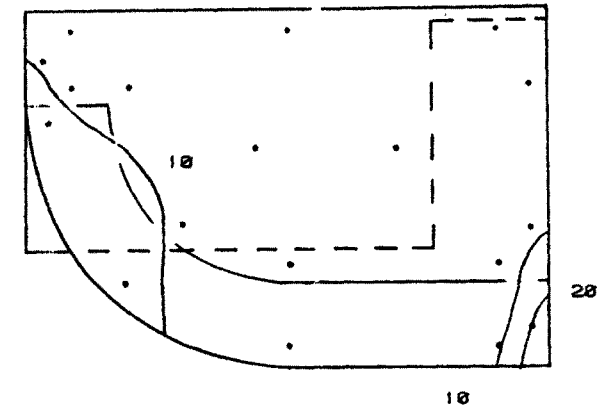
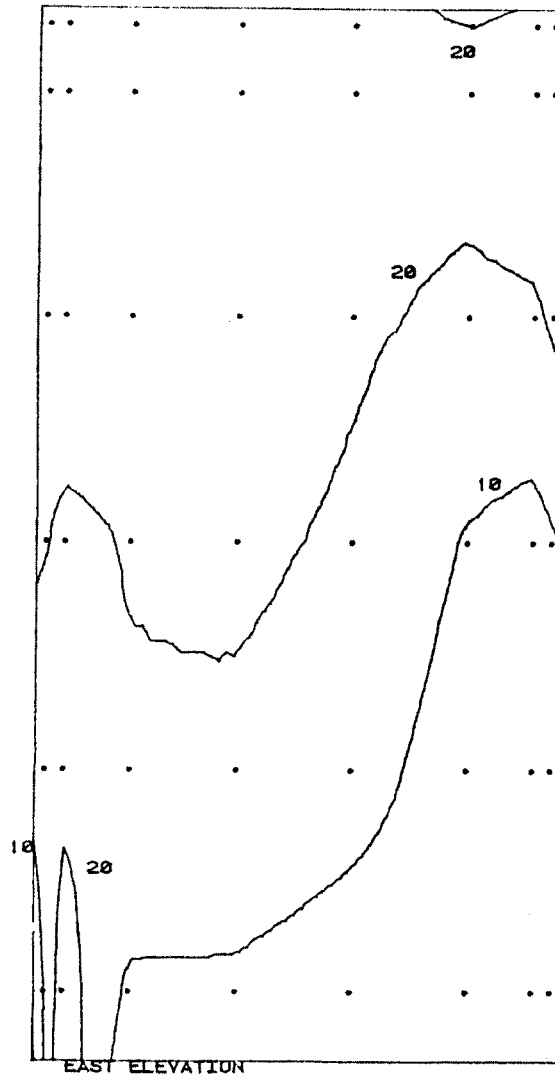


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads



TOWER A
 CONFIGURATION B
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

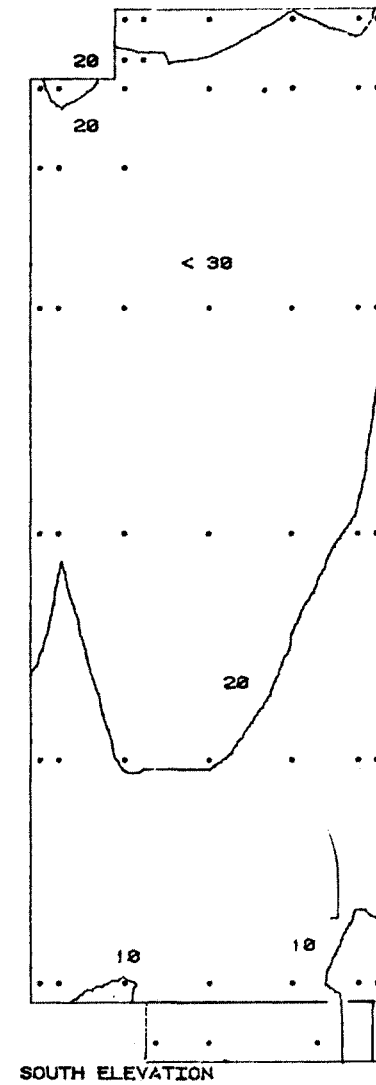
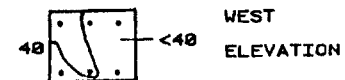
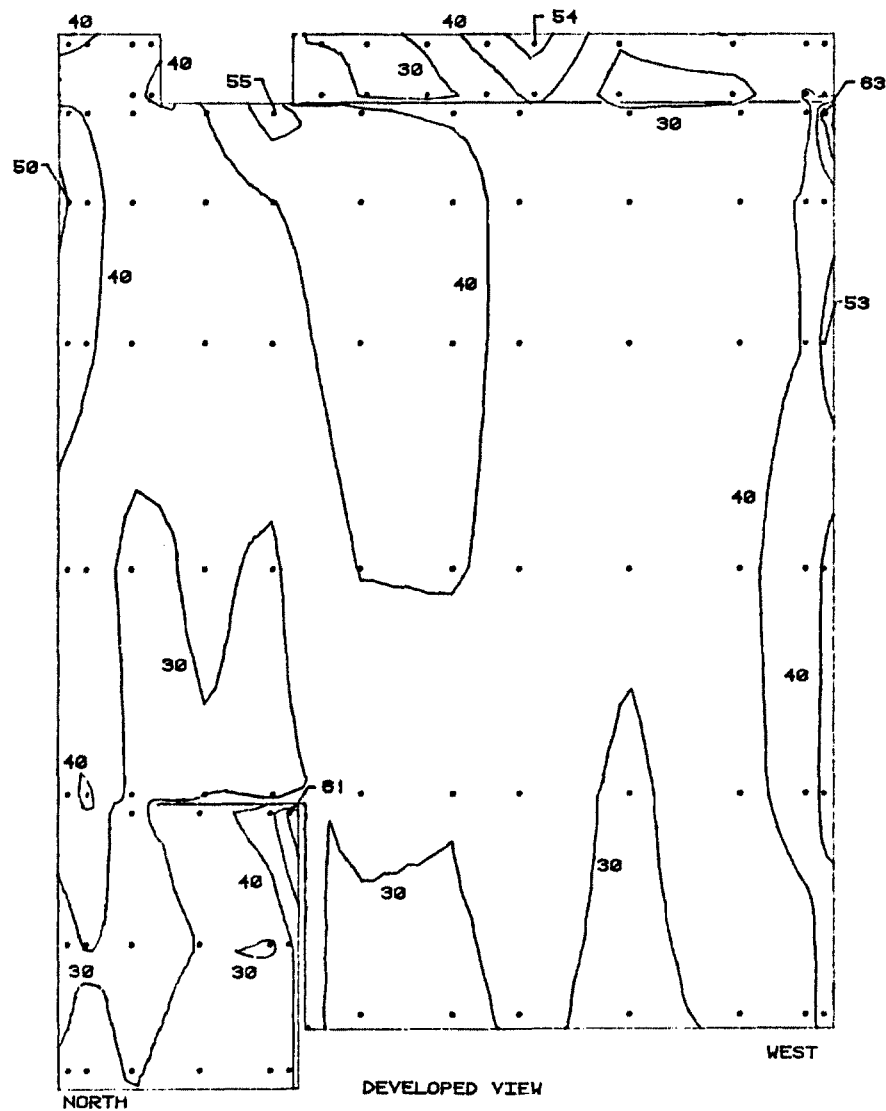


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads



TOWER A
 WORST CASE OF CONFIGURATION A AND B
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

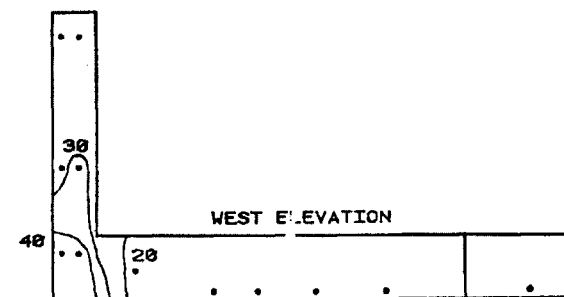
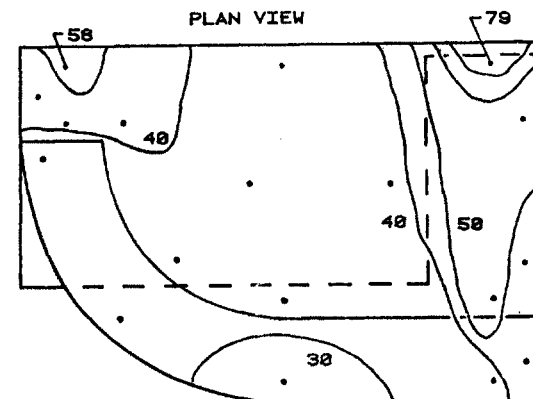
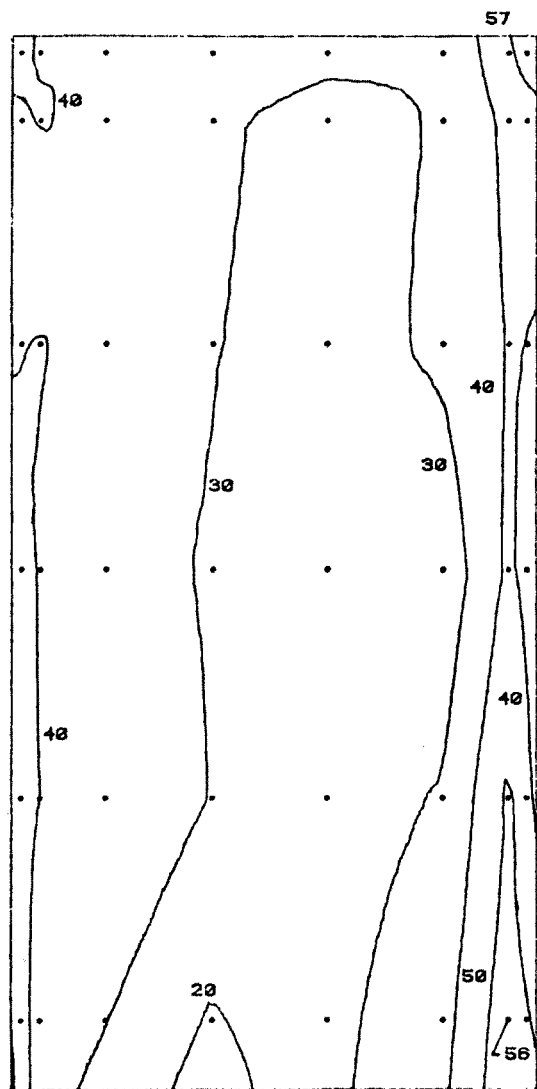
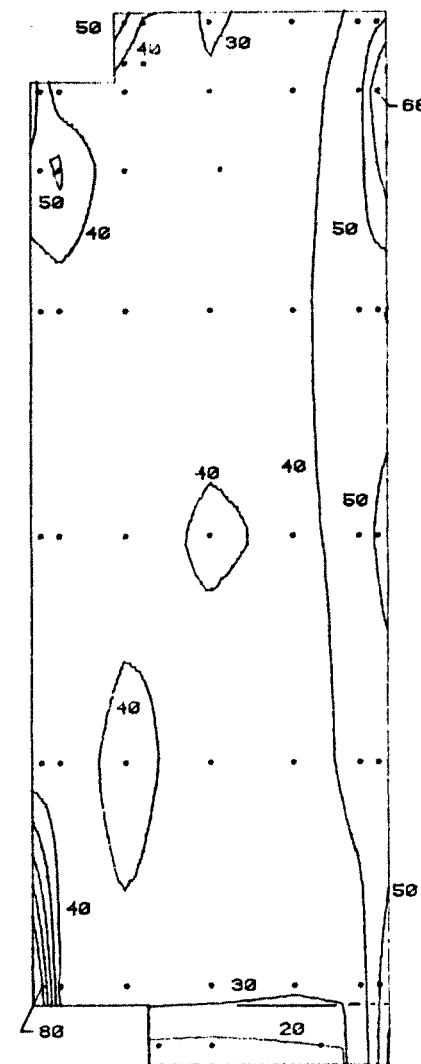


Figure 10i. Peak Pressure Contours on the Building for Cladding Loads



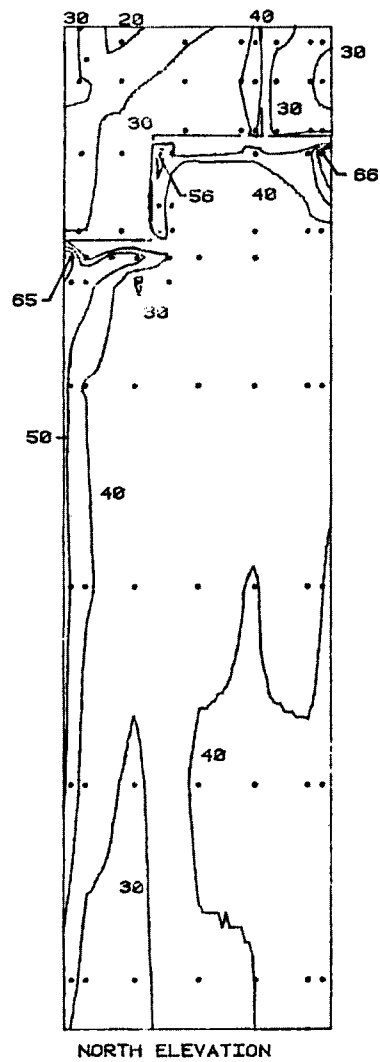
EAST ELEVATION

TOWER A
 WORST CASE OF CONFIGURATION A AND B
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF



SOUTH ELEVATION

Figure 10j. Peak Pressure Contours on the Building for Cladding Loads



TOWER B
 CONFIGURATION C
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

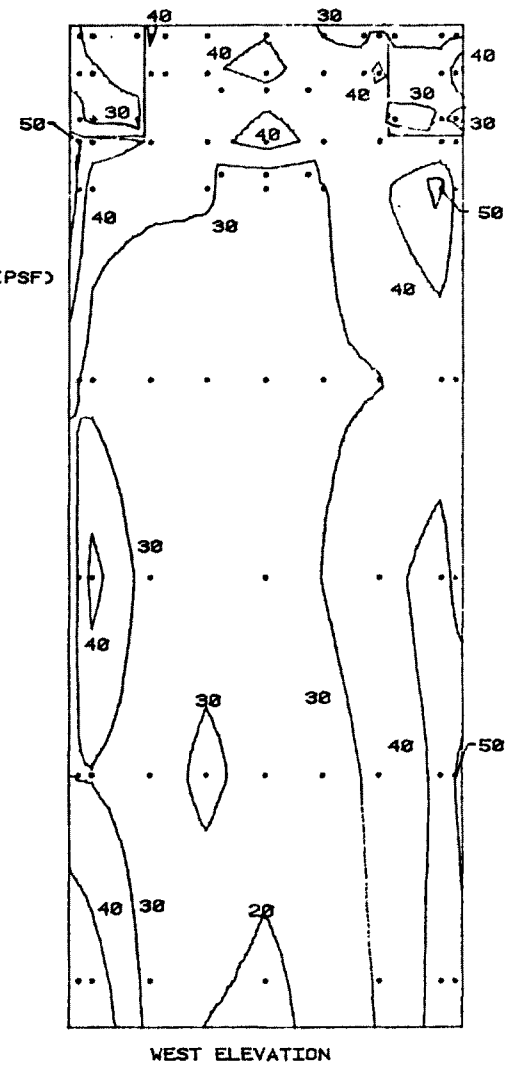


Figure 10k. Peak Pressure Contours on the Building for Cladding Loads

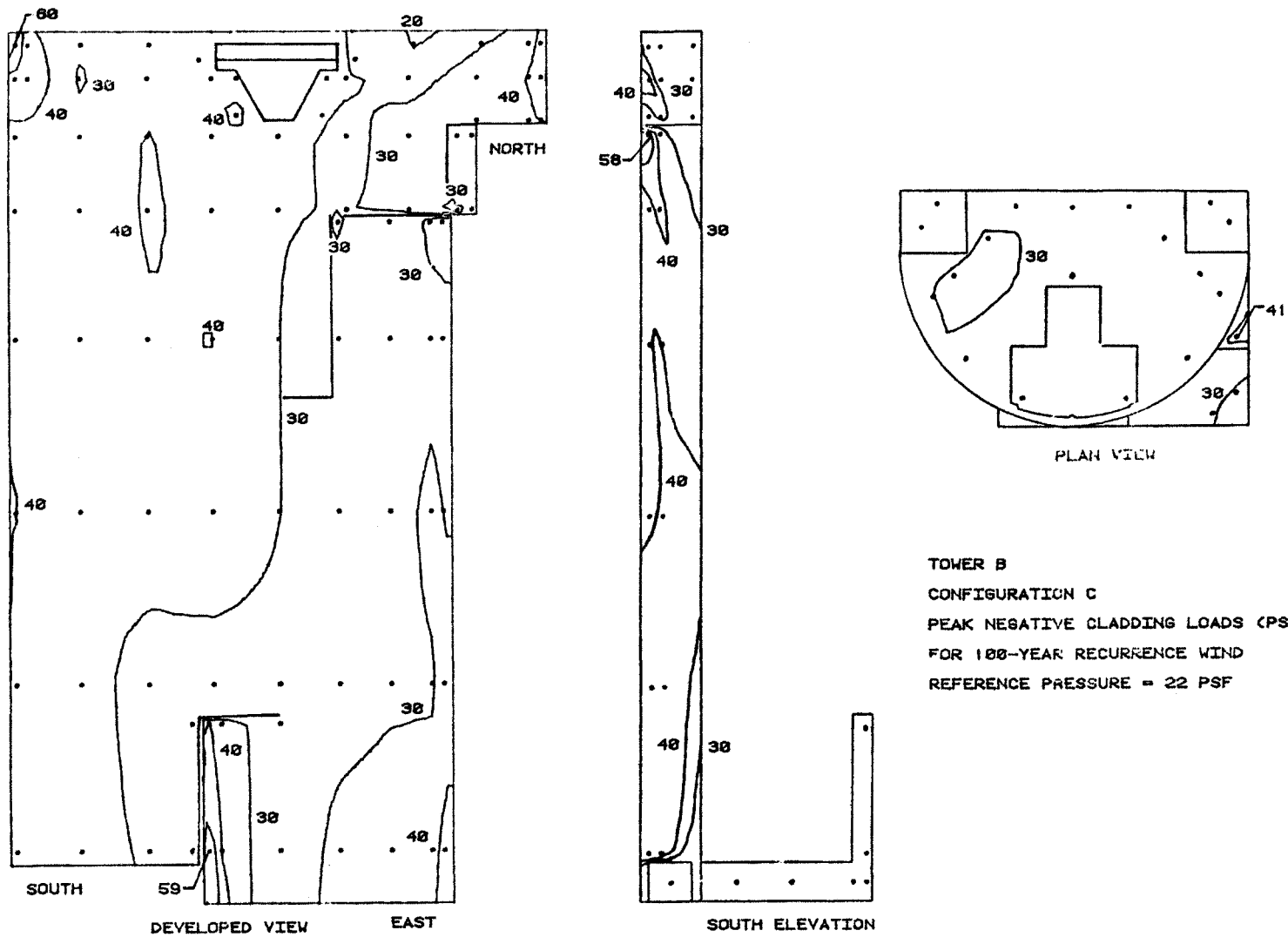
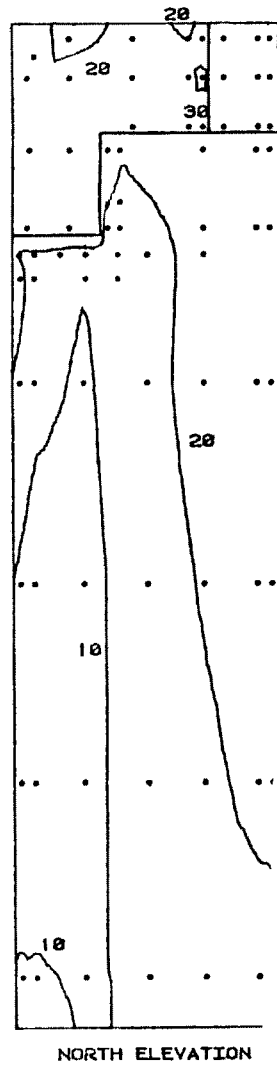


Figure 101. Peak Pressure Contours on the Building for Cladding Loads



TOWER B
 CONFIGURATION C
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

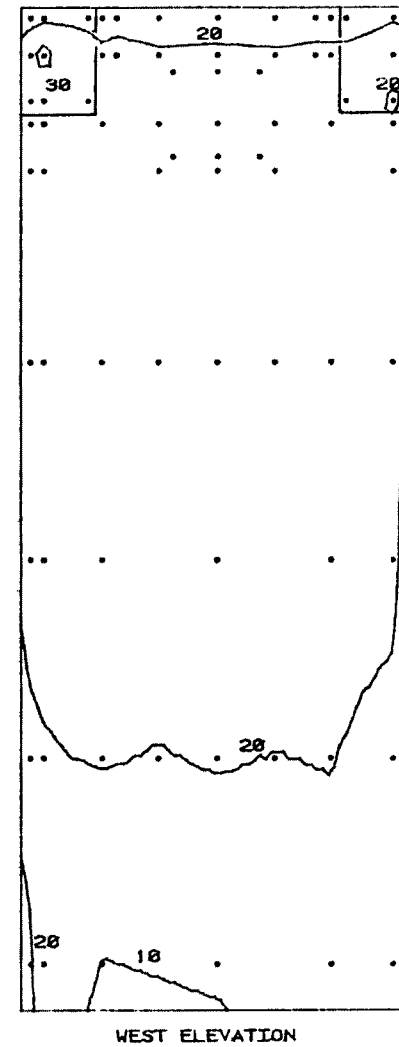


Figure 10m. Peak Pressure Contours on the Building for Cladding Loads

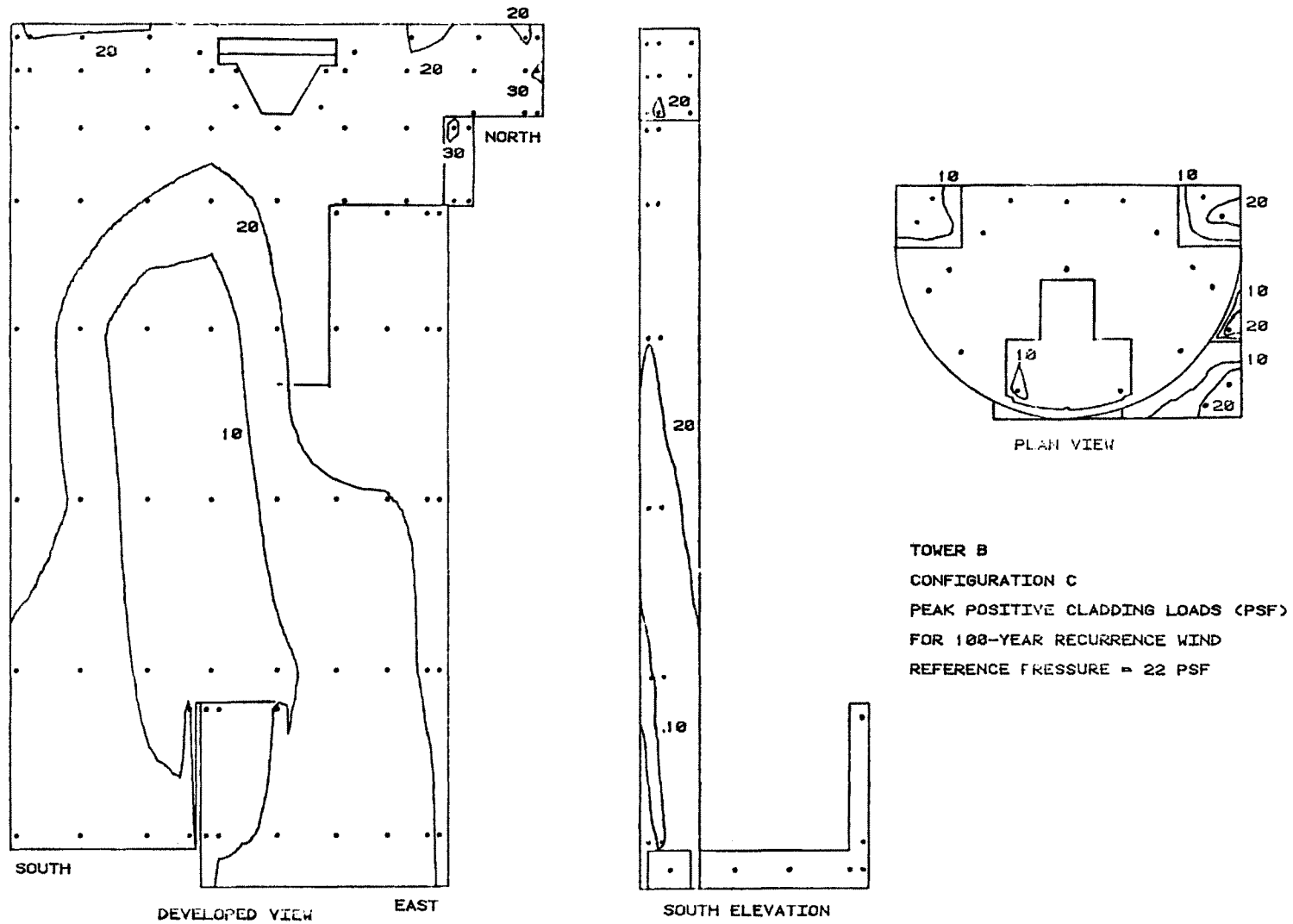


Figure 10n. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION A
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

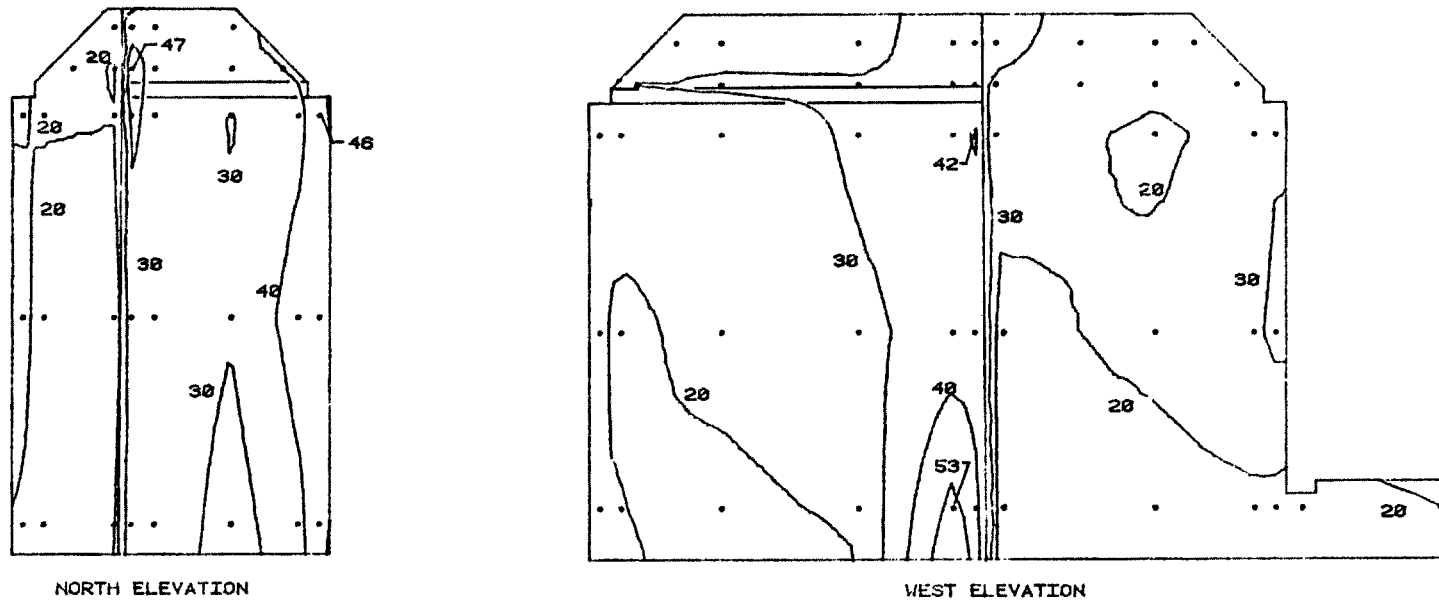


Figure 10o. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION A
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

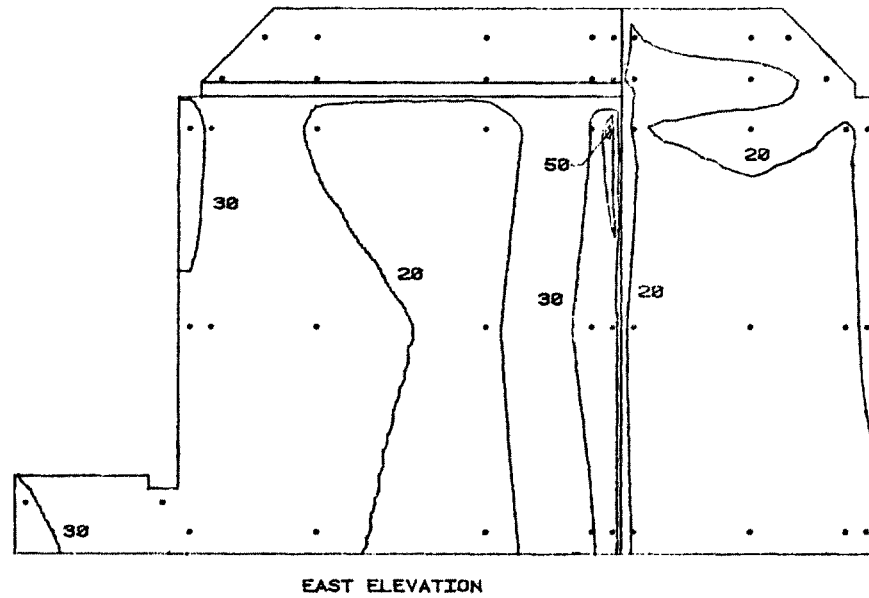
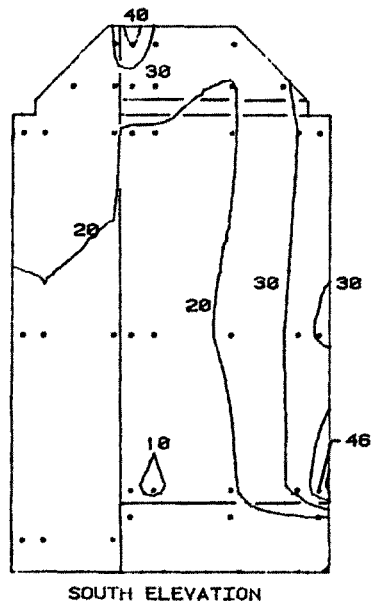
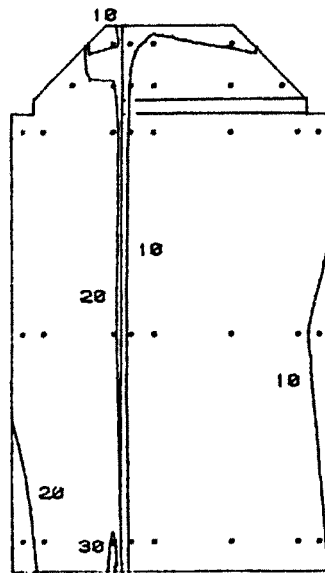
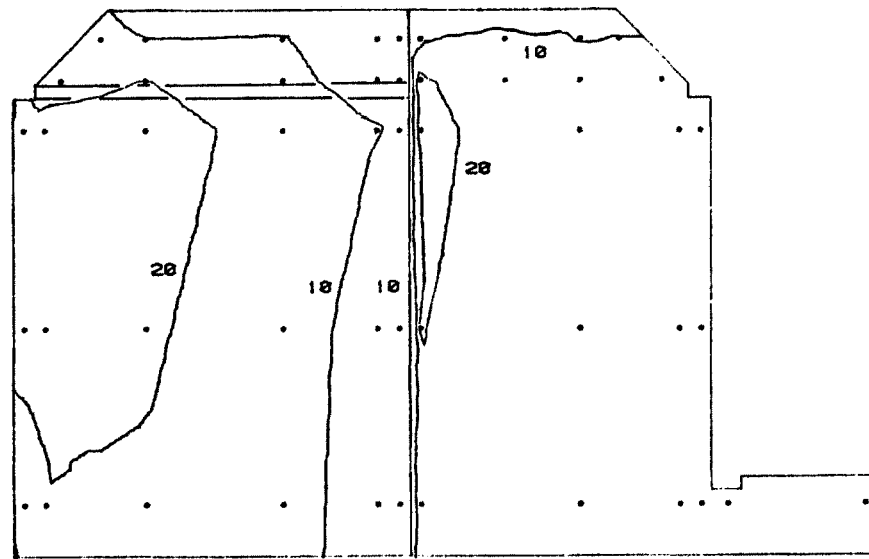


Figure 10p. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION A
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF



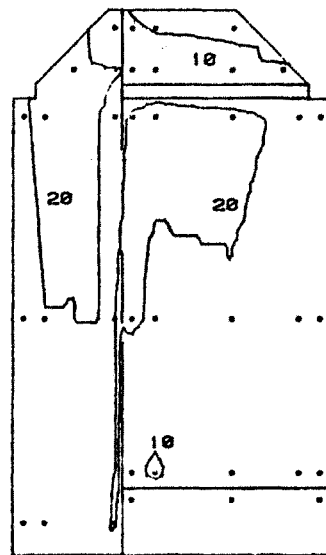
NORTH ELEVATION



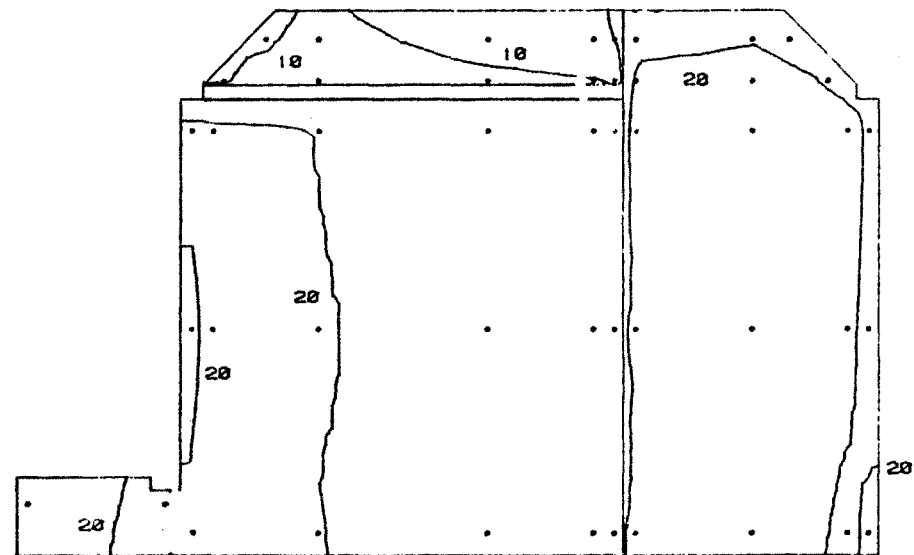
WEST ELEVATION

Figure 10q. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION A
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF



SOUTH ELEVATION



EAST ELEVATION

Figure 10r. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION B
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

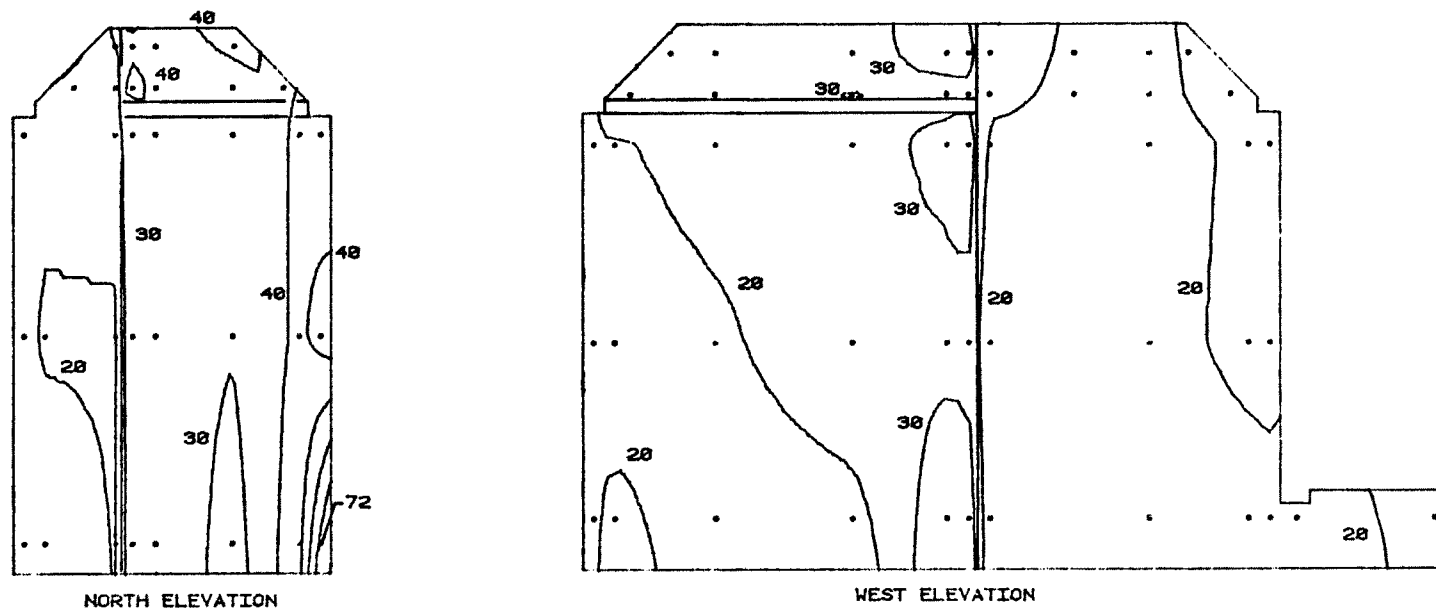


Figure 10s. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION B
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

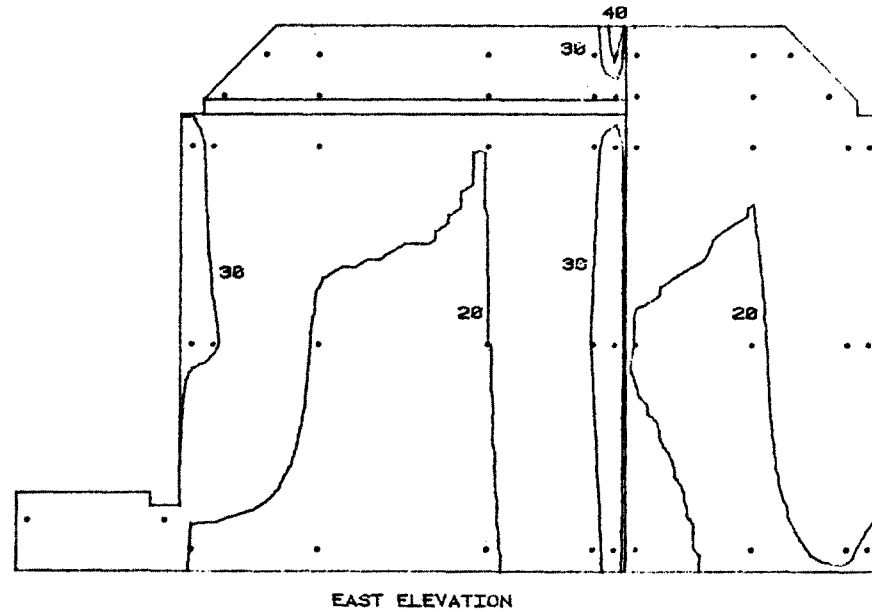
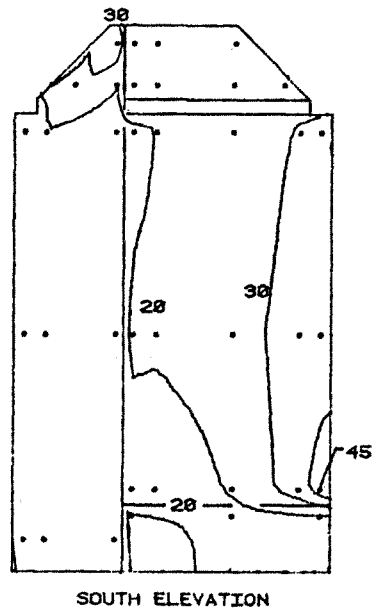


Figure 10t. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
CONFIGURATION B
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

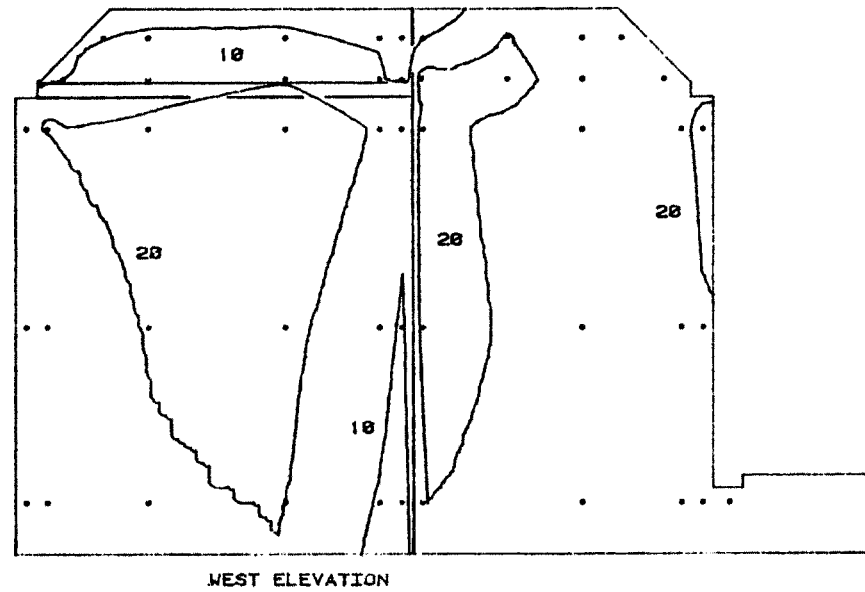
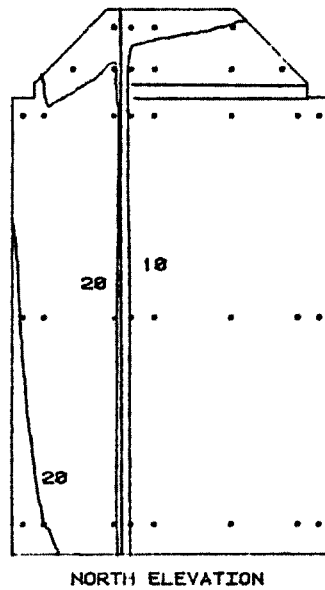


Figure 10u. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
 CONFIGURATION B
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

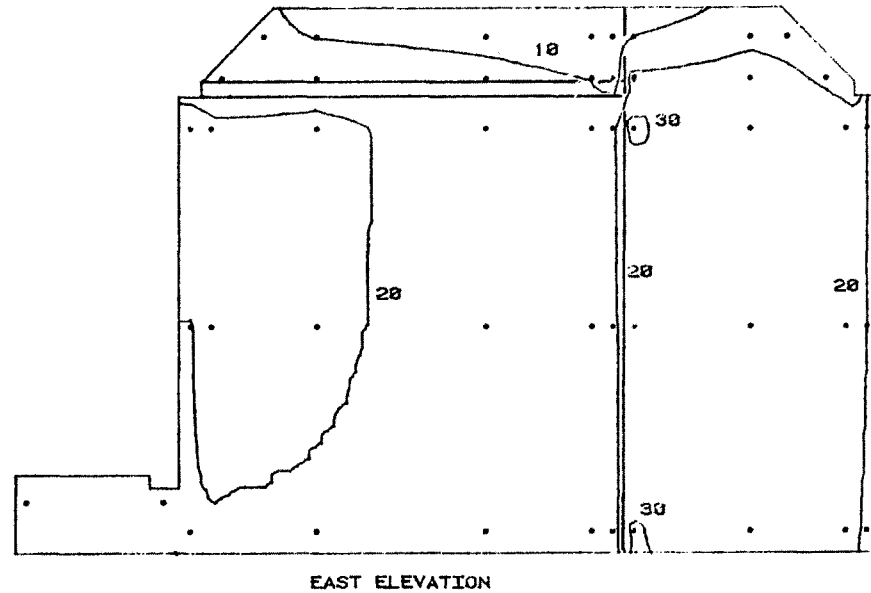
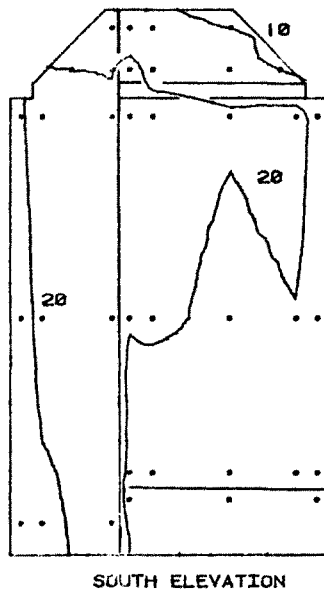


Figure 10v. Peak Pressure Contours on the Building for Cladding Loads

HOTEL

WORST CASE OF CONFIGURATION A AND B

PEAK NEGATIVE CLADDING LOADS (PSF)

FOR 100-YEAR RECURRENCE WIND

REFERENCE PRESSURE = 22 PSF

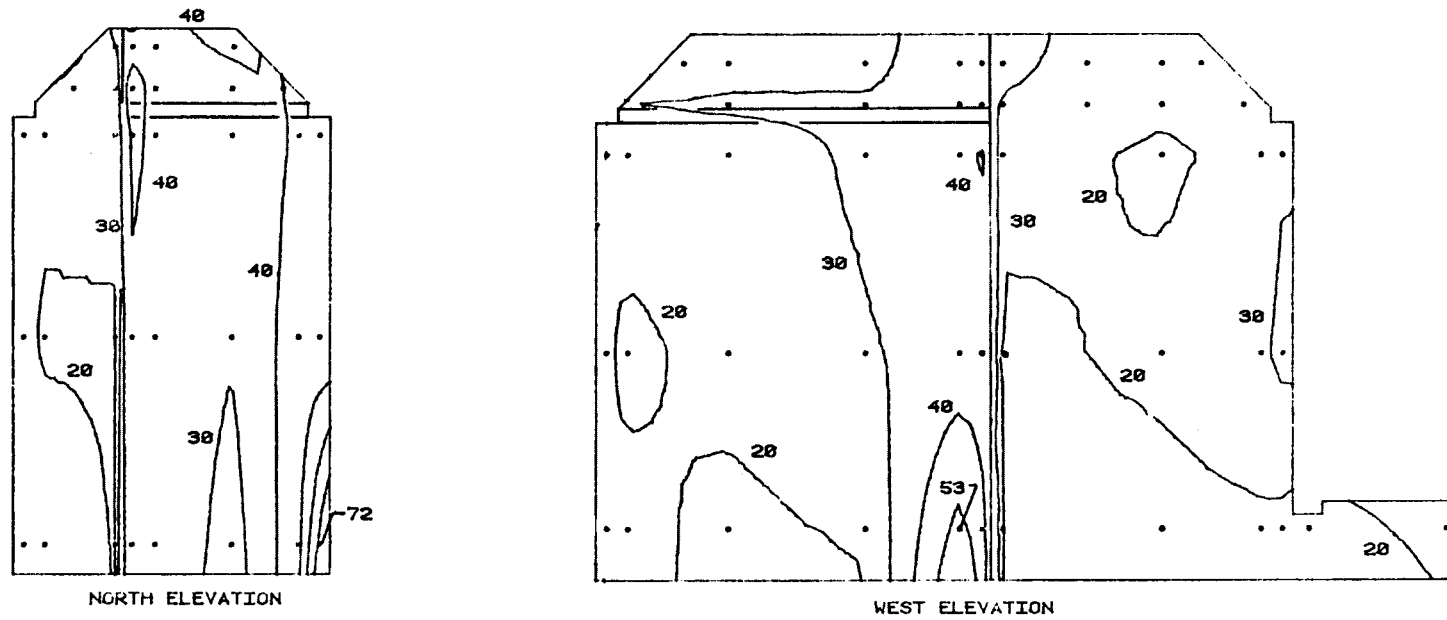


Figure 10w. Peak Pressure Contours on the Building for Cladding Loads

HOTEL
 WORST CASE OF CONFIGURATION A AND B
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

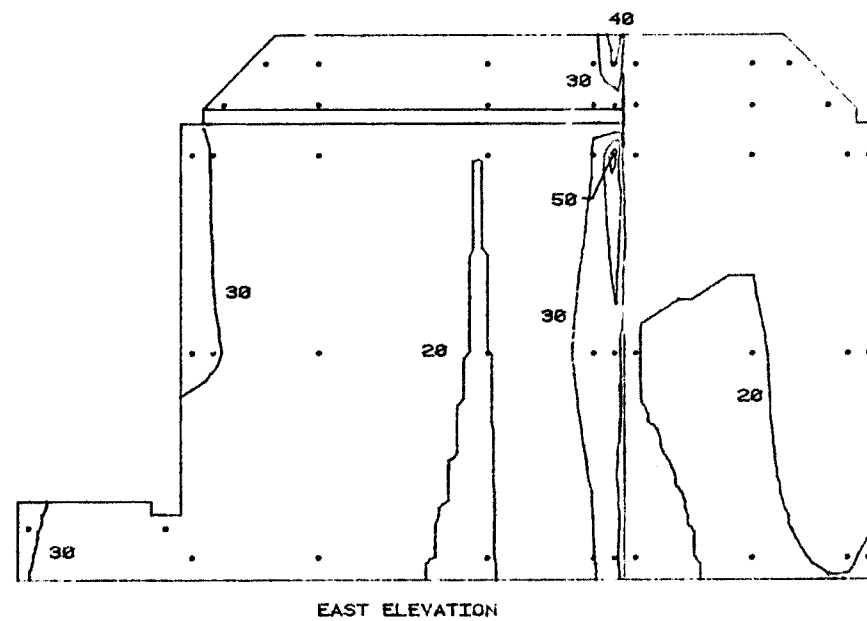
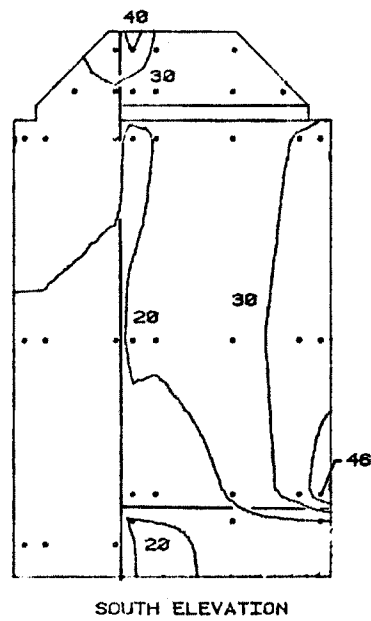


Figure 10x. Peak Pressure Contours on the Building for Cladding Loads

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE

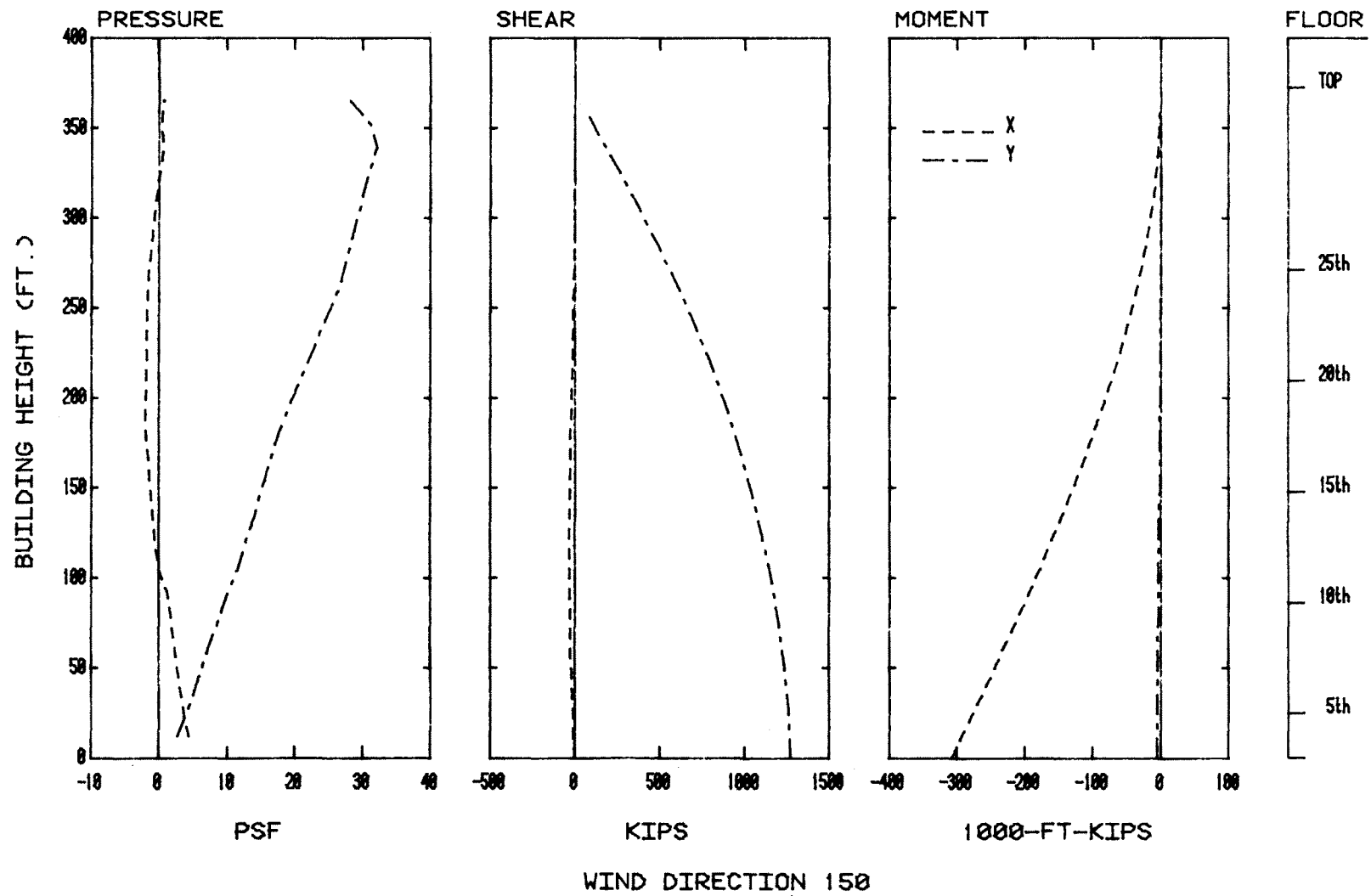


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE

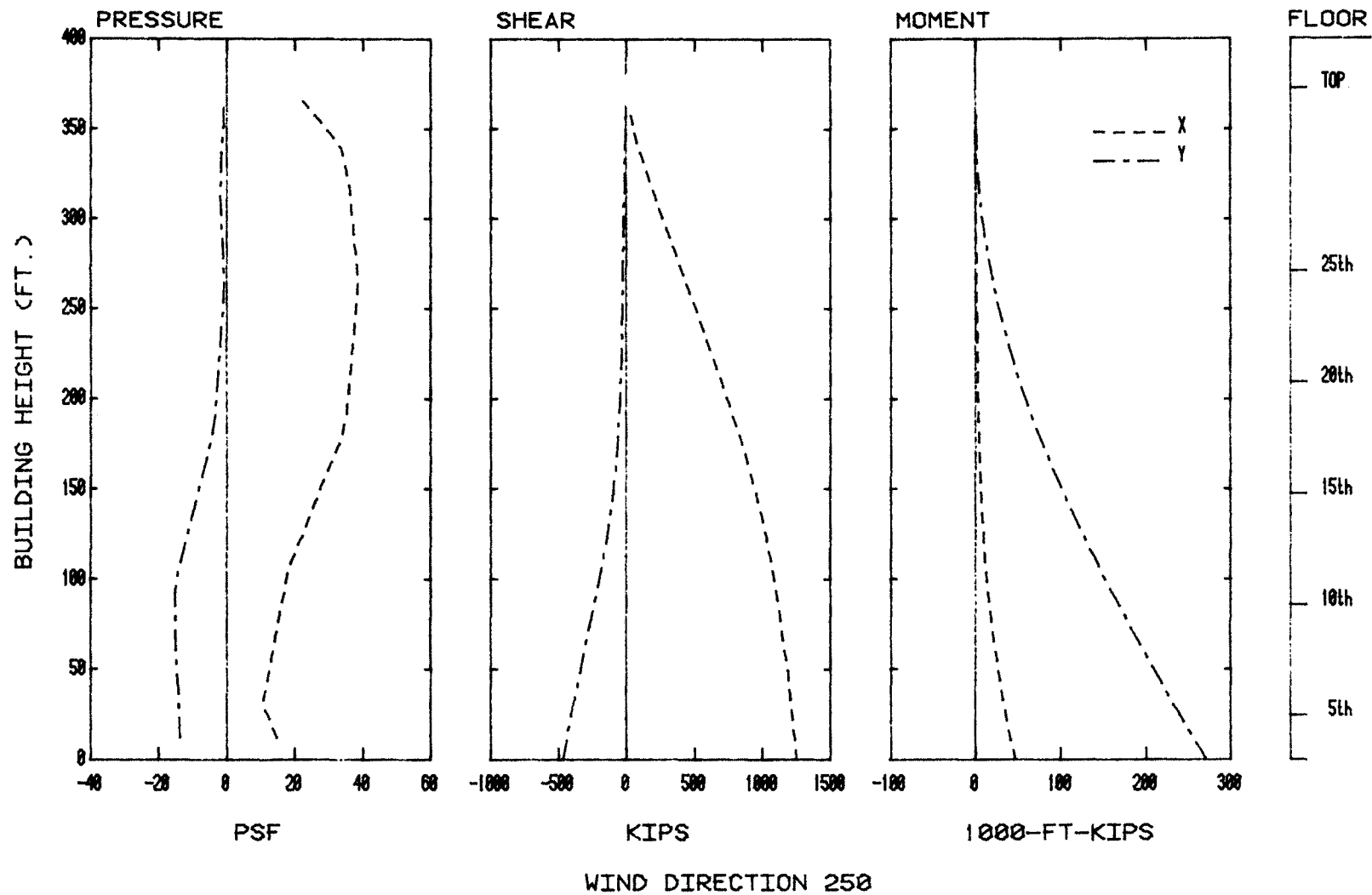


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE

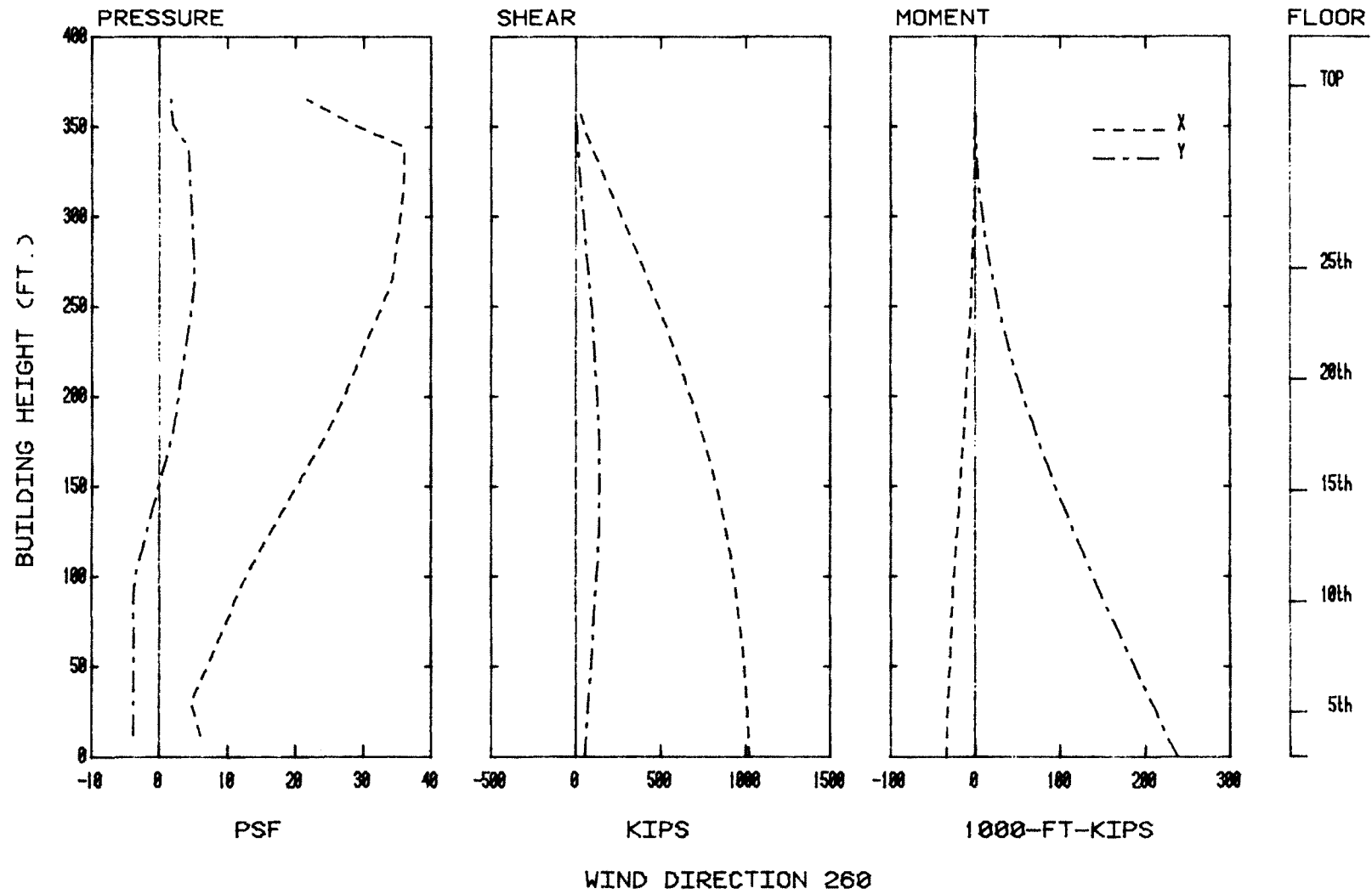


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE

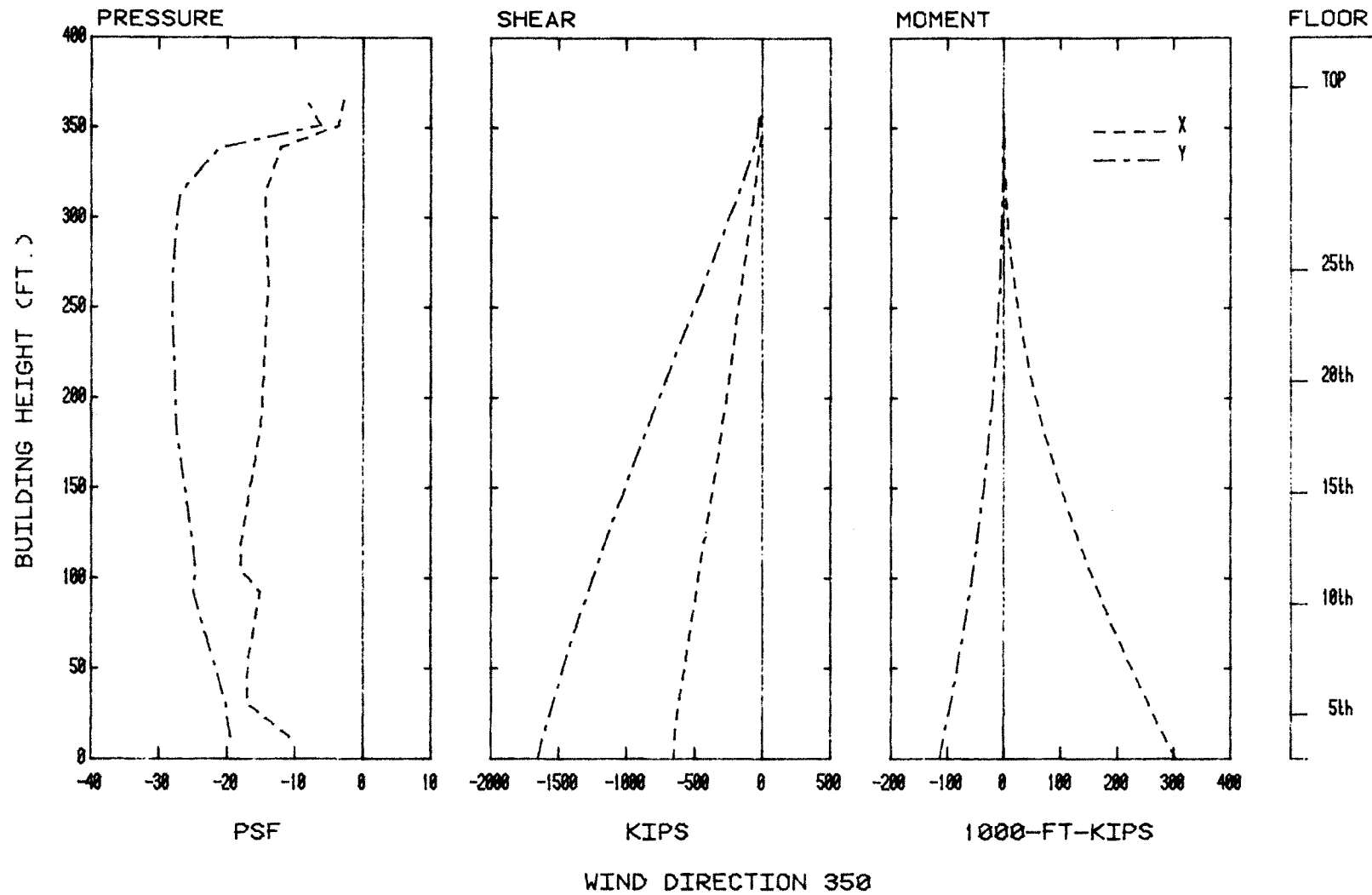


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON TOWER B

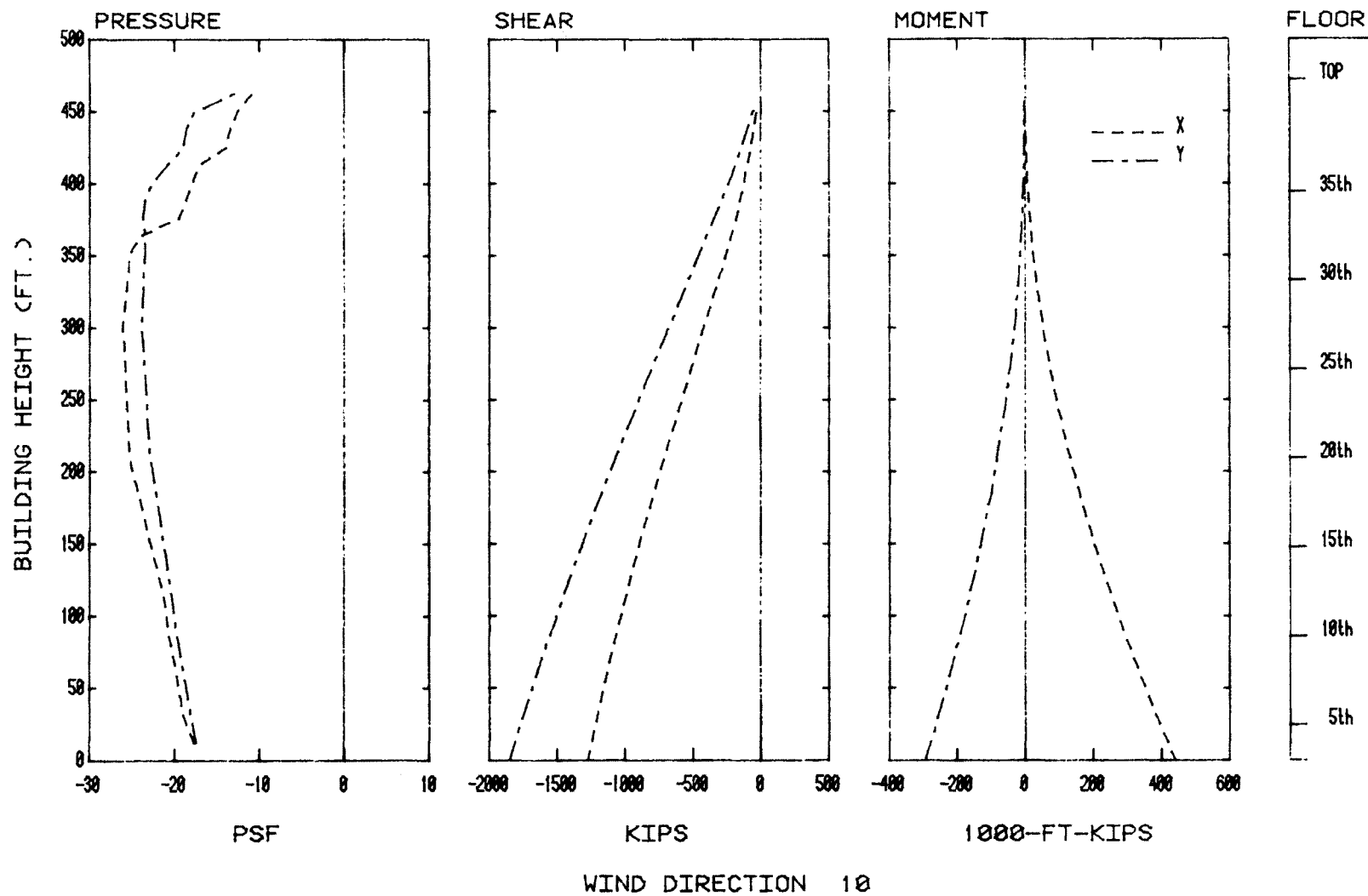


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON TOWER B

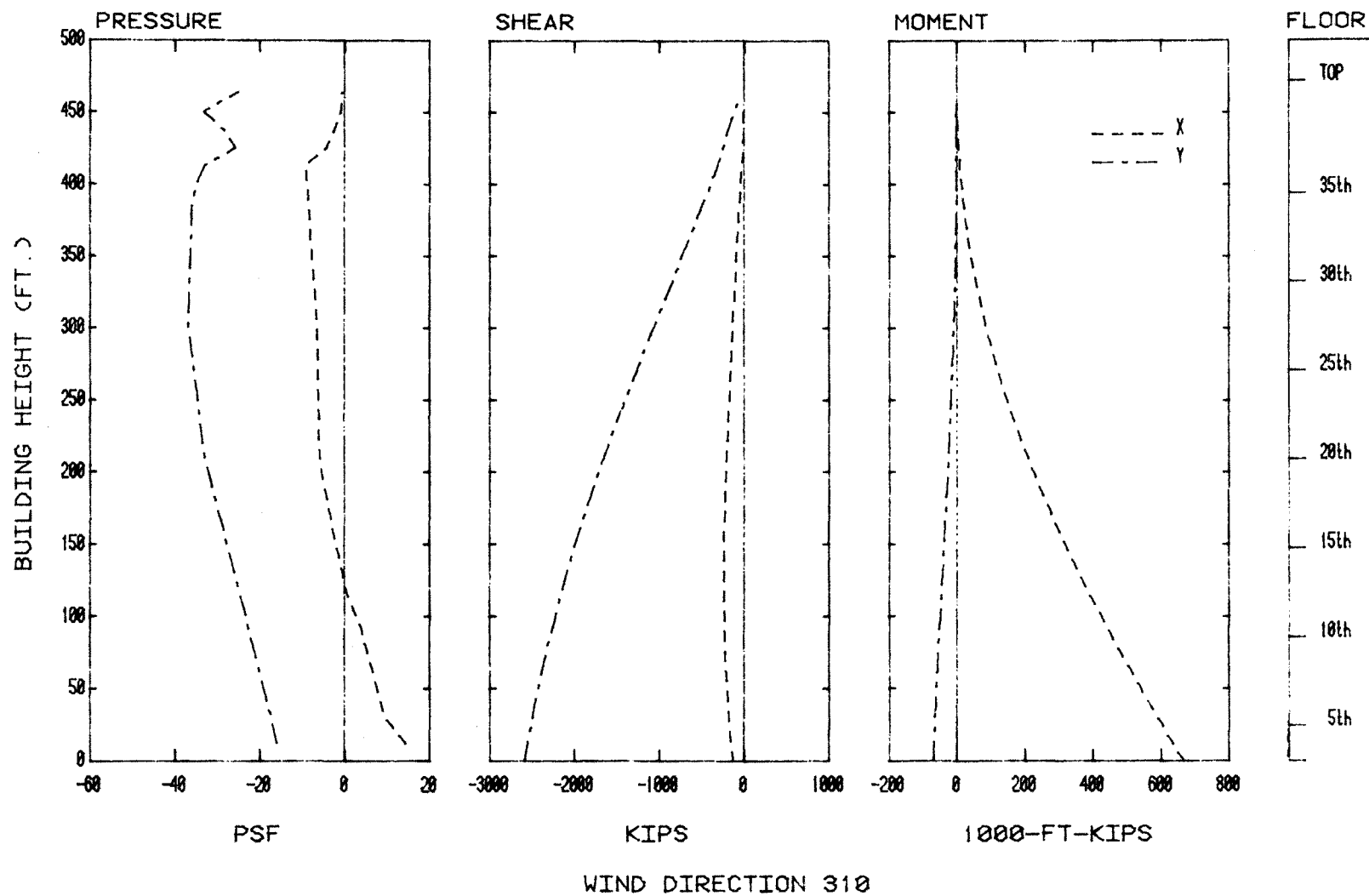


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE

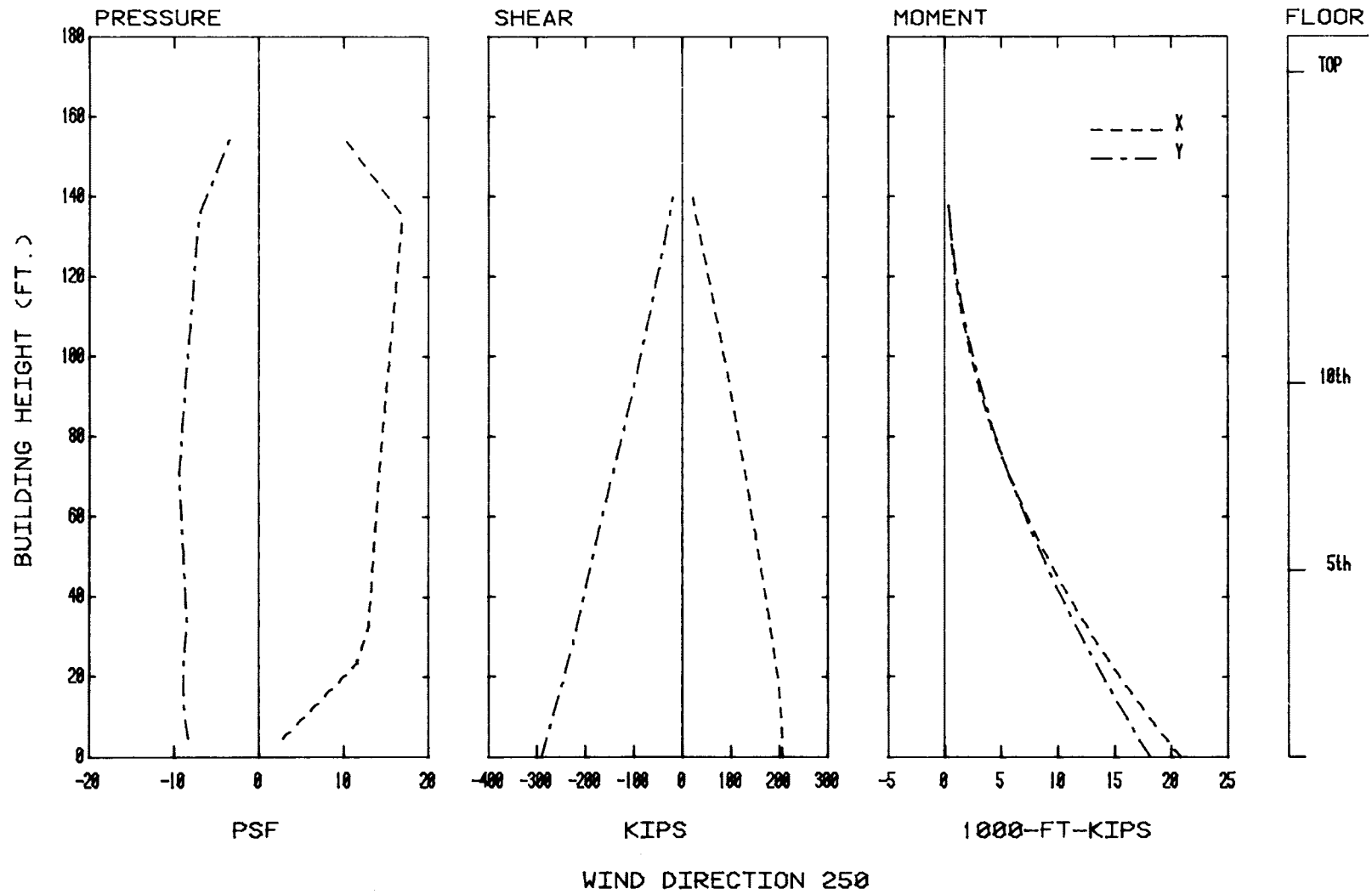


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE

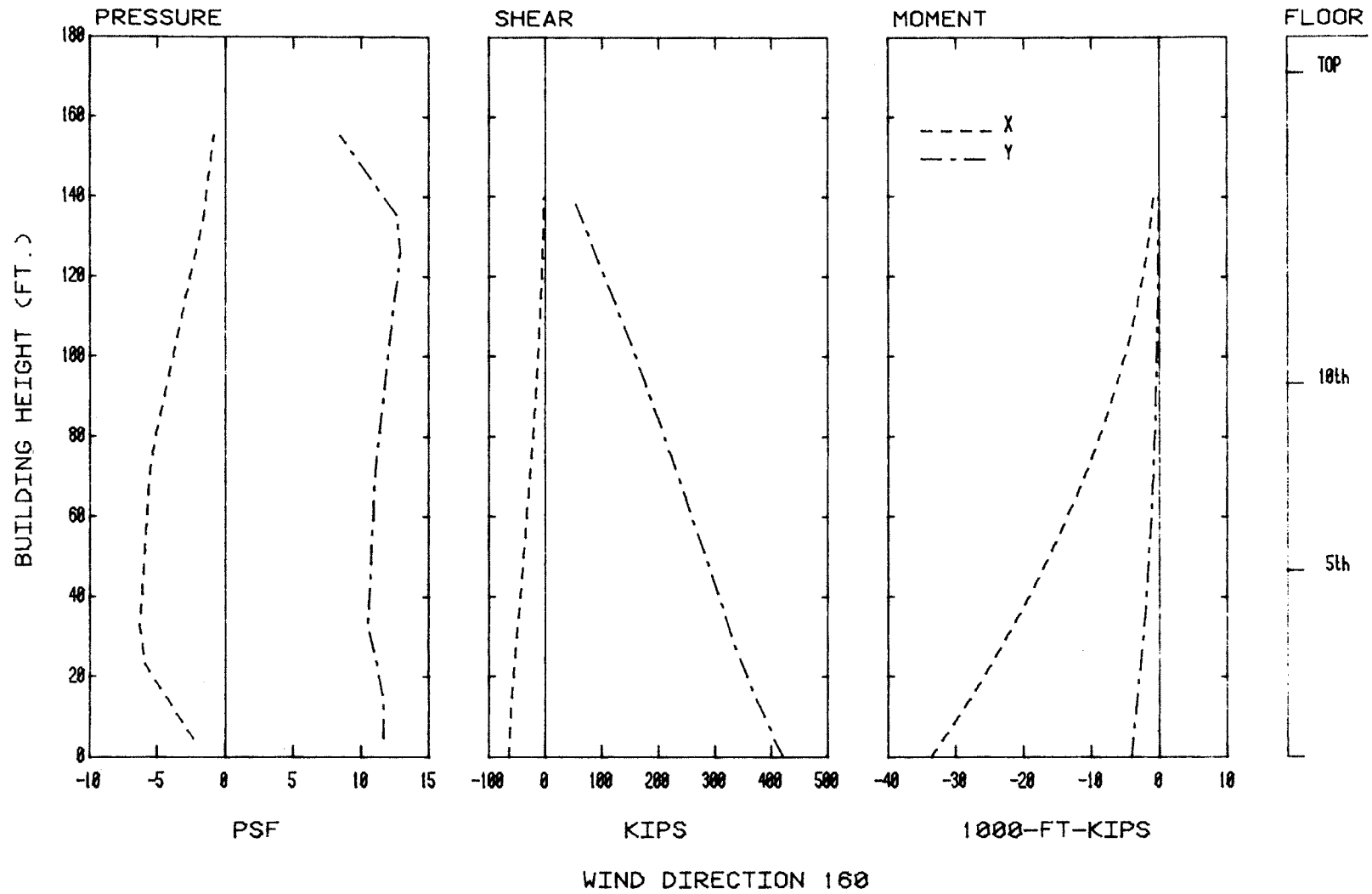


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE

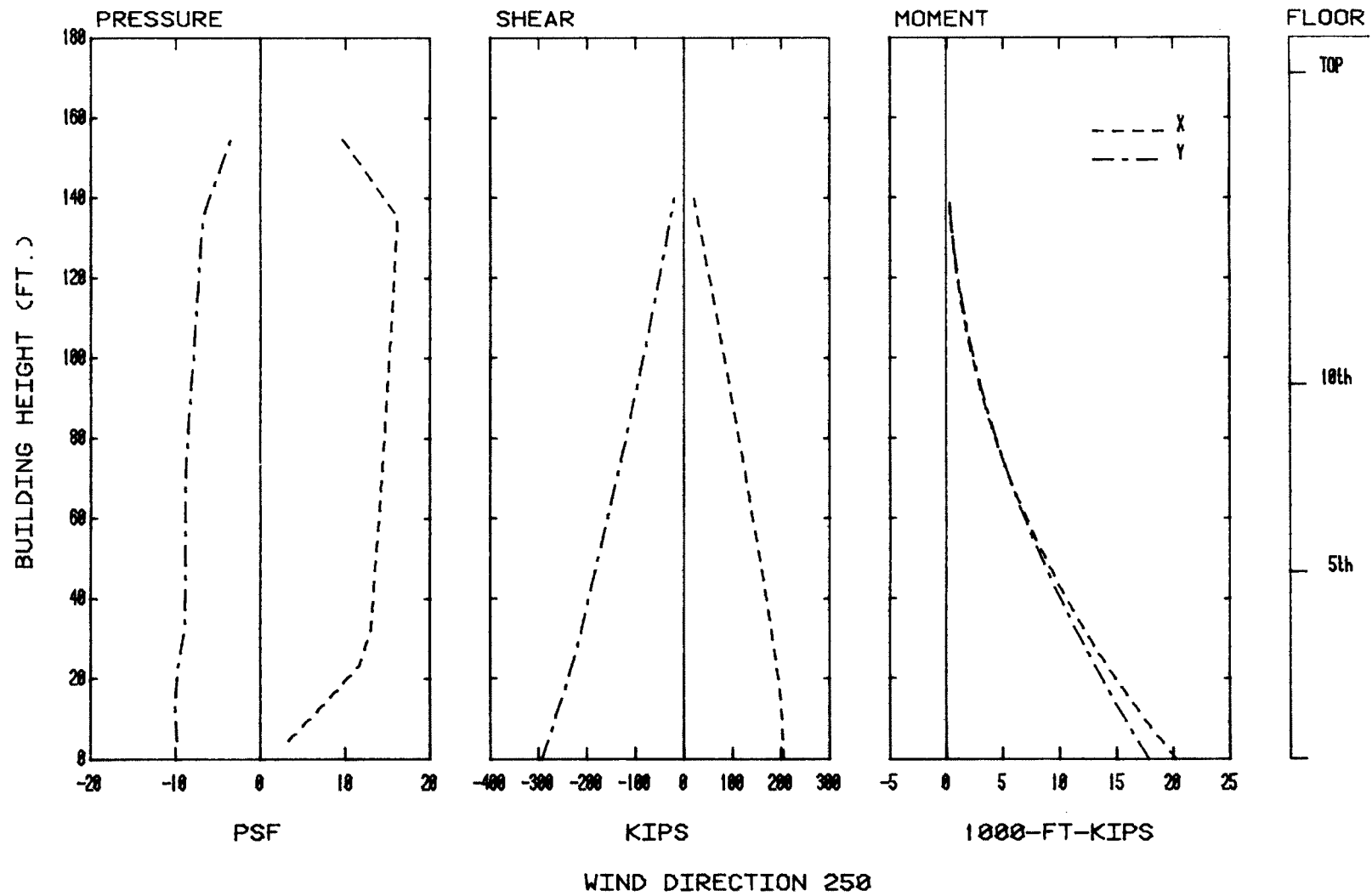


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE

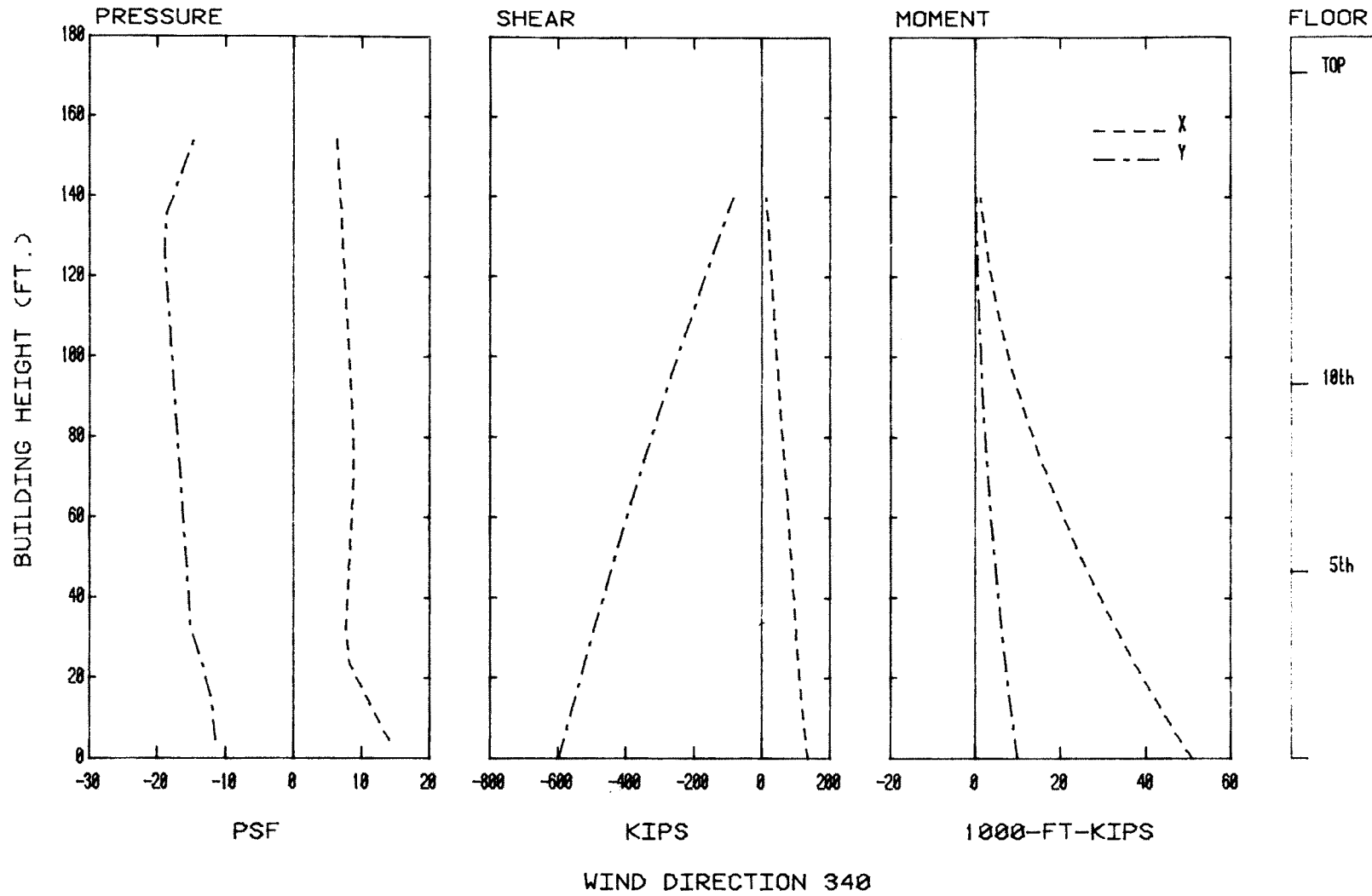
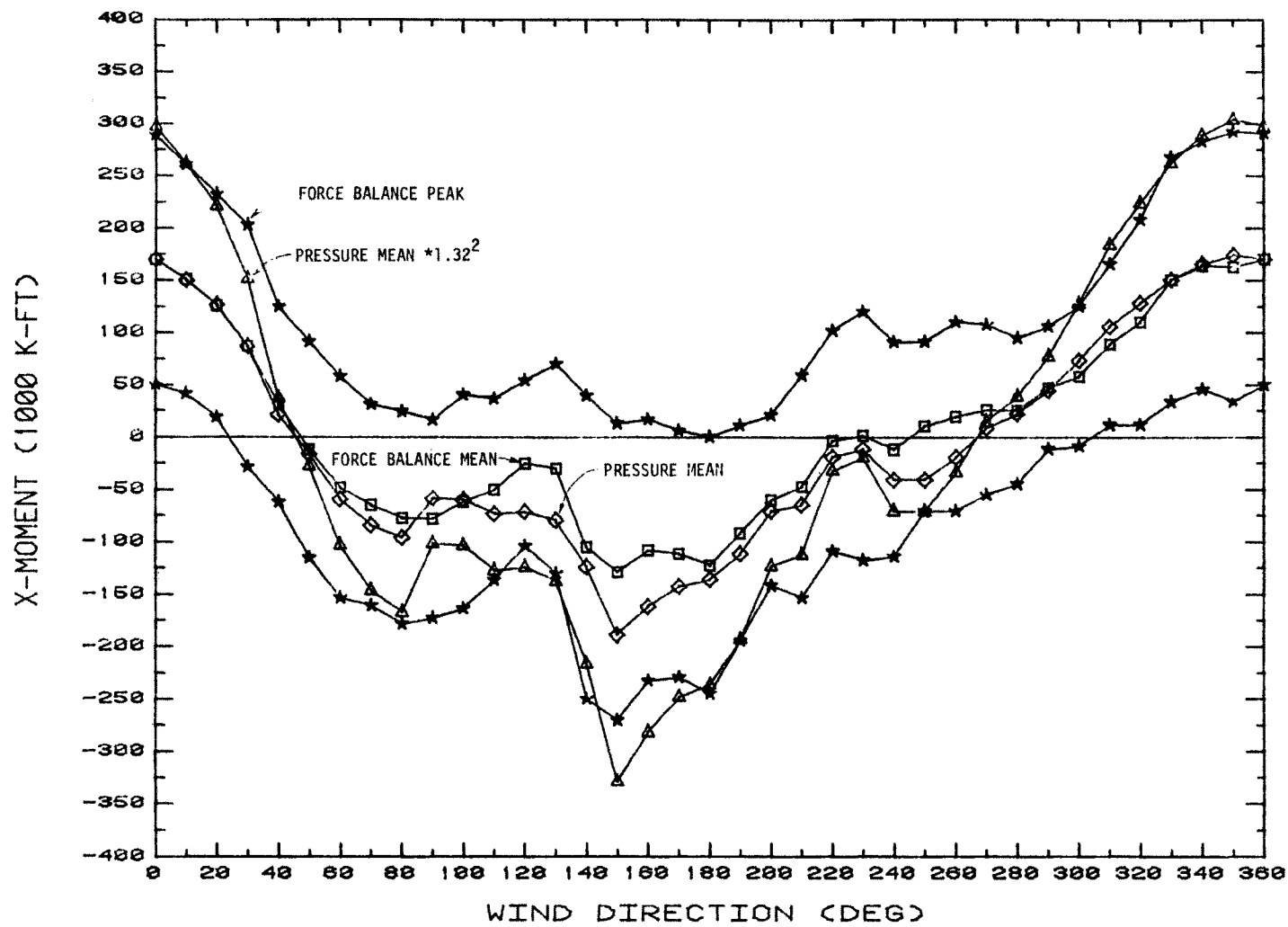


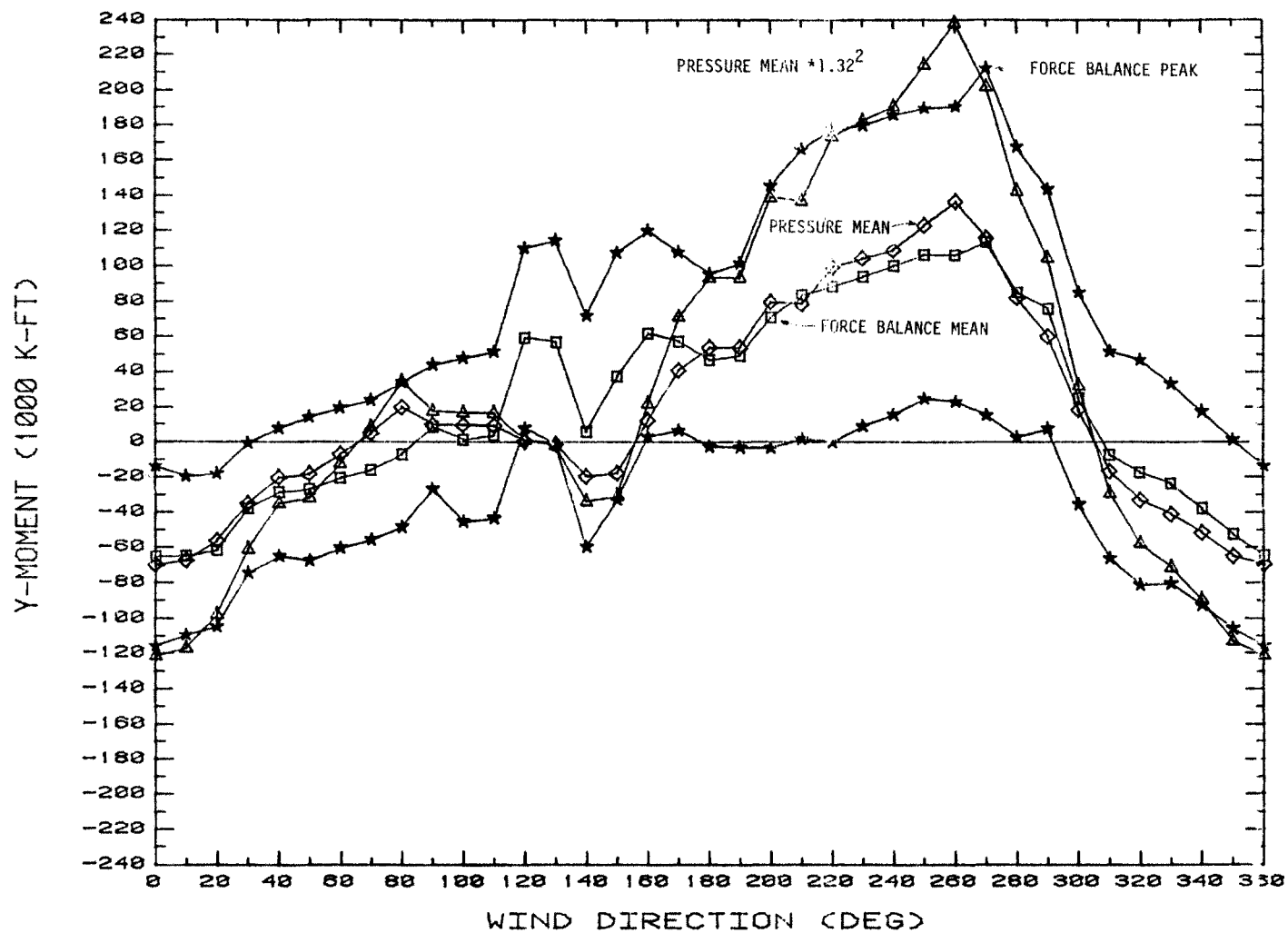
Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions



INDUSTRIAL WIND TUNNEL
CITY ENVIRONMENT

TABOR CTR TOWER A BASE MOMENTS

Figure 12a. Comparison of Force Balance and Pressure Integration Loads on Tower A



TABOR CTR TOWER A BASE MOMENTS

CITY ENVIRONMENT
INDUSTRIAL WIND TUNNEL

Figure 12b. Comparison of Force Balance and Pressure Integration Loads on Tower A

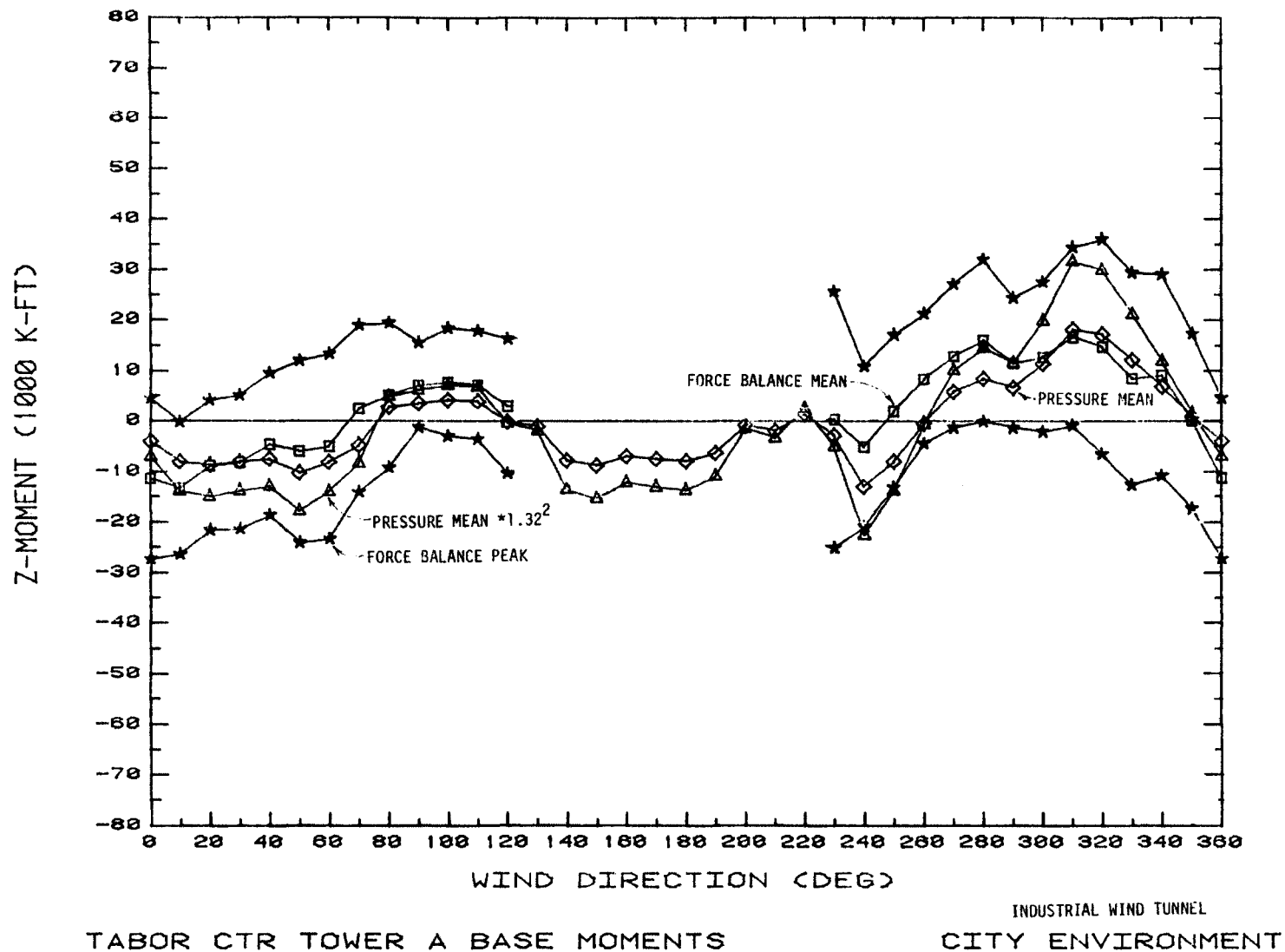
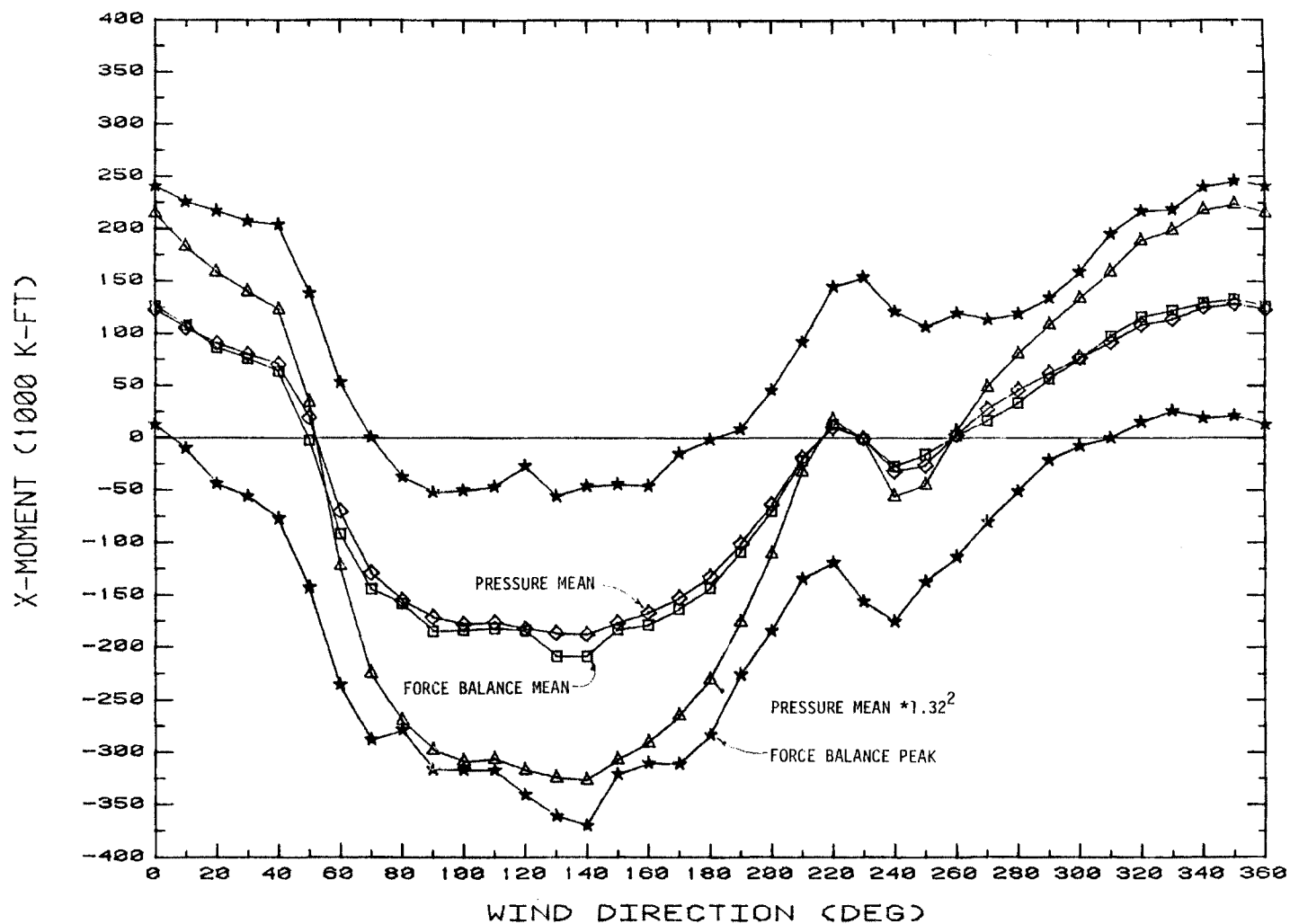


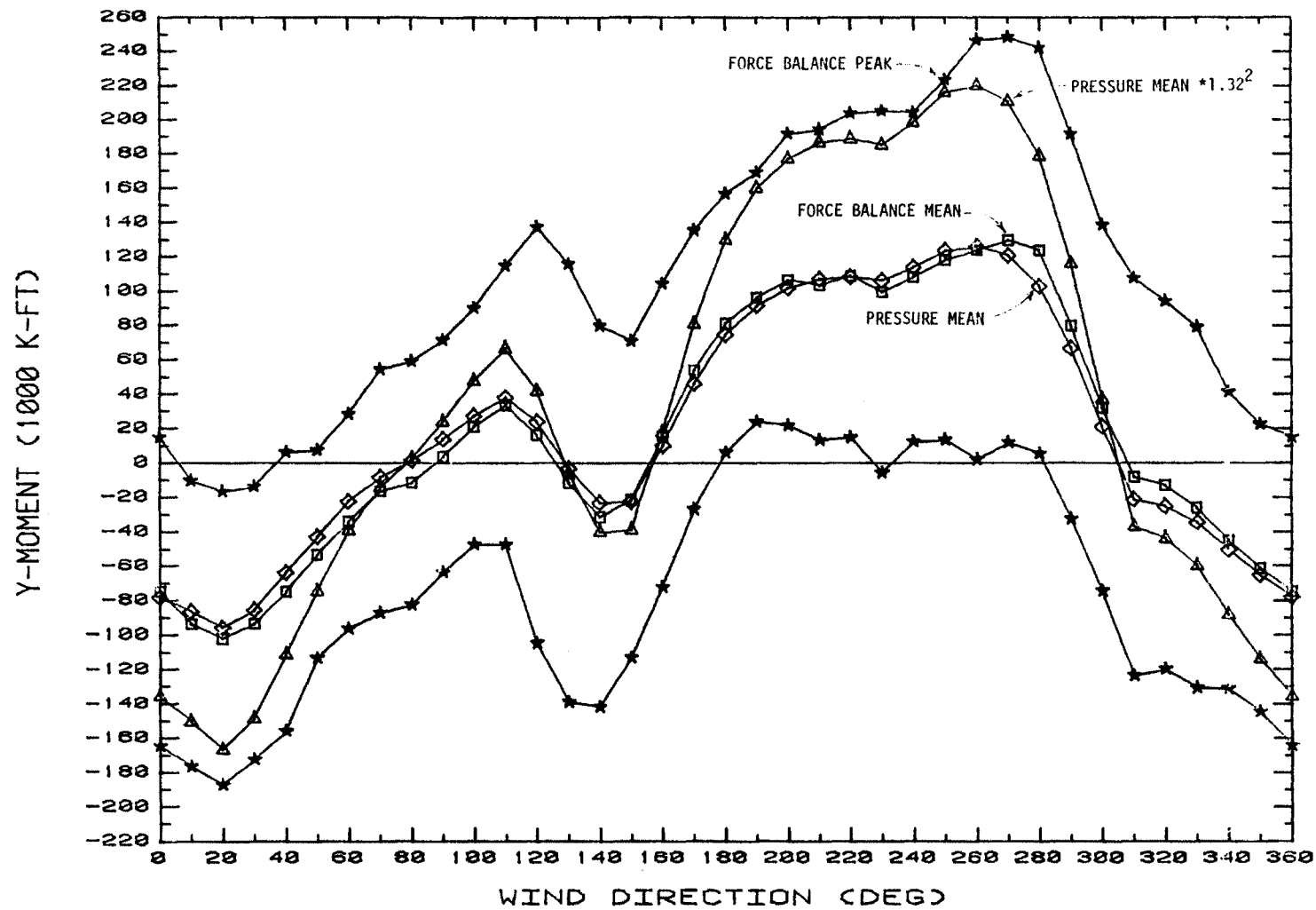
Figure 12c. Comparison of Force Balance and Pressure Integration Loads on Tower A



TABOR CTR TOWER A BASE MOMENTS

ENVIRONMENTAL WIND TUNNEL
ISOLATED ENVIRONMENT

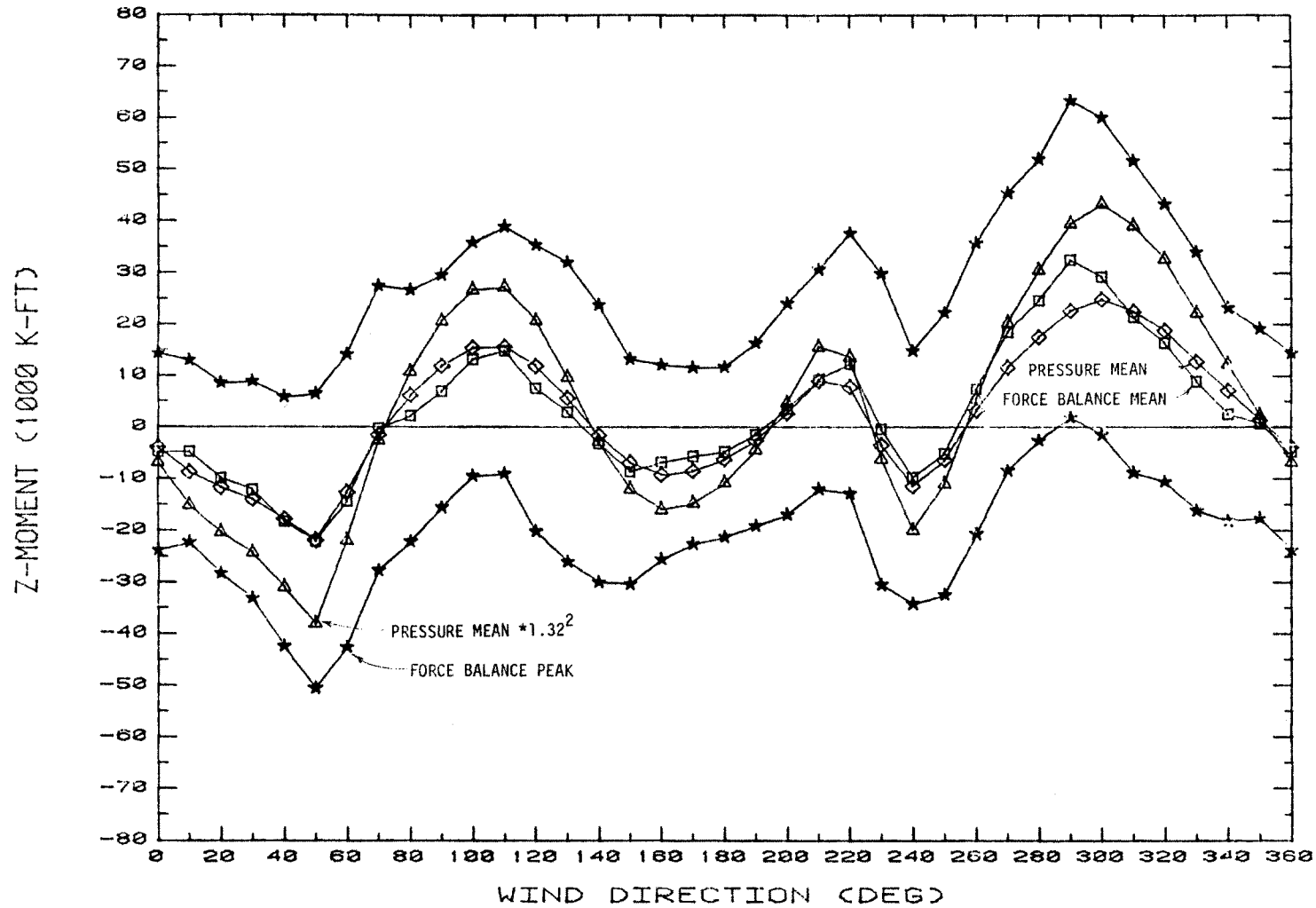
Figure 12d. Comparison of Force Balance and Pressure Integration Loads on Tower A



TABOR CTR TOWER A BASE MOMENTS

ENVIRONMENTAL WIND TUNNEL
ISOLATED ENVIRONMENT

Figure 12e. Comparison of Force Balance and Pressure Integration Loads on Tower A



TABOR CTR TOWER A BASE MOMENTS

ENVIRONMENTAL WIND TUNNEL
ISOLATED ENVIRONMENT

Figure 12f. Comparison of Force Balance and Pressure Integration Loads on Tower A

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction
2. Purposes for model testing
3. Procedures for conducting tests
4. Specific flow visualization scenes for

TABOR CENTER, DENVERHIGH PRESSURE AREAS

<u>Run No.</u>	<u>Tap No.</u>	<u>Wind Direction</u>
	(Configuration A)	
1	1340	320°
2	1915	180°
3	2123	330°
	(Configuration B)	
4	134, 1340	320°
5	1315	160°

PEDESTRIAN AREA HIGH WIND VELOCITIES

<u>Run No.</u>	<u>Pedestrian Location No.</u>	<u>Wind Direction</u>
	(Configuration A)	
6	21	292.5°
7	21	315°
8	17	337.5°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
TABOR CENTER, DENVER

LOCATION 1

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	66.3	18.2	121.0
22.50	53.0	20.2	113.7
45.00	39.2	13.1	78.5
67.50	24.4	11.1	57.8
90.00	35.6	16.2	84.2
112.50	45.6	15.6	92.2
135.00	17.7	10.8	50.0
157.50	31.2	16.2	79.8
180.00	36.6	18.0	90.5
202.50	33.0	12.5	90.5
225.00	35.4	11.2	69.0
247.50	34.5	15.4	80.8
270.00	36.8	16.8	87.2
292.50	31.4	9.9	61.0
315.00	8.2	4.3	21.1
337.50	30.9	14.8	75.2

LOCATION 2

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	29.7	15.1	75.1
22.50	29.4	15.2	75.0
45.00	17.3	9.9	47.2
67.50	14.9	8.5	40.4
90.00	17.8	11.1	51.2
112.50	25.3	14.9	70.1
135.00	21.5	13.6	62.4
157.50	51.1	13.2	90.8
180.00	44.0	15.0	88.8
202.50	34.7	13.2	74.3
225.00	18.8	11.5	53.4
247.50	27.2	13.0	66.2
270.00	16.6	9.1	43.8
292.50	27.1	11.9	62.9
315.00	24.4	11.6	59.1
337.50	29.6	11.9	65.2

LOCATION 3

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	16.1	10.7	48.1
22.50	19.2	12.3	56.0
45.00	28.9	11.5	63.5
67.50	22.9	12.1	69.0
90.00	39.8	14.7	84.0
112.50	29.4	13.5	69.8
135.00	18.6	9.7	46.6
157.50	35.6	17.6	88.4
180.00	26.9	14.4	70.2
202.50	28.4	11.4	62.6
225.00	29.9	9.5	58.3
247.50	38.0	11.6	72.9
270.00	38.0	13.2	77.8
292.50	11.2	7.2	32.9
315.00	9.2	5.6	25.9
337.50	18.0	11.9	55.7

LOCATION 4

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	14.1	6.5	33.4
22.50	10.1	5.2	25.6
45.00	51.3	9.3	79.1
67.50	45.6	9.5	74.1
90.00	41.0	12.4	78.1
112.50	46.3	17.5	99.0
135.00	23.7	12.4	60.8
157.50	14.6	7.0	35.6
180.00	11.4	6.1	29.6
202.50	14.6	5.8	31.9
225.00	23.7	7.7	46.8
247.50	22.8	10.3	53.6
270.00	10.1	5.1	25.5
292.50	9.1	4.0	21.2
315.00	11.4	5.4	27.5
337.50	15.7	7.6	38.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
TABOR CENTER, DENVER

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.6	9.0	42.7
22.50	10.7	5.7	27.8
45.00	15.6	6.7	35.7
67.50	15.8	7.5	38.4
90.00	21.3	10.1	51.7
112.50	14.9	8.7	41.0
135.00	18.4	11.2	51.9
157.50	32.4	16.0	80.5
180.00	23.8	14.8	68.2
202.50	14.9	9.4	43.2
225.00	28.9	10.7	60.9
247.50	15.0	8.3	39.8
270.00	17.5	8.8	43.9
292.50	12.5	6.3	31.2
315.00	10.0	5.0	25.1
337.50	11.4	5.9	29.0

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.0	5.6	28.7
22.50	7.7	3.7	18.7
45.00	5.9	2.7	13.9
67.50	5.7	2.4	12.9
90.00	6.8	3.6	17.4
112.50	9.2	5.2	24.8
135.00	15.4	8.9	42.2
157.50	17.6	10.2	48.3
180.00	11.6	6.7	31.7
202.50	11.7	6.9	32.3
225.00	19.4	9.7	48.6
247.50	33.6	13.1	73.1
270.00	32.2	12.6	70.1
292.50	30.2	11.7	65.4
315.00	9.4	5.1	24.7
337.50	11.4	6.2	30.0

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.6	9.2	55.1
22.50	14.9	6.9	35.7
45.00	20.0	7.9	43.8
67.50	10.8	5.6	27.6
90.00	16.5	9.0	43.7
112.50	30.0	10.9	62.6
135.00	34.2	11.5	68.6
157.50	17.1	11.7	52.2
180.00	25.7	11.9	61.6
202.50	18.5	9.6	47.2
225.00	14.8	8.9	41.4
247.50	20.8	10.6	52.5
270.00	23.2	12.7	61.4
292.50	25.5	12.4	62.8
315.00	16.3	9.1	43.5
337.50	15.8	7.7	38.7

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.6	8.9	52.4
22.50	15.6	6.0	33.6
45.00	22.7	8.1	47.0
67.50	17.8	7.8	41.2
90.00	14.1	6.6	33.9
112.50	16.7	7.9	40.3
135.00	23.7	11.7	58.7
157.50	8.9	5.4	25.2
180.00	15.2	9.7	44.2
202.50	9.3	5.2	24.9
225.00	19.7	8.8	46.1
247.50	41.6	10.3	72.4
270.00	46.1	8.9	72.9
292.50	46.3	10.3	77.2
315.00	29.3	10.3	60.2
337.50	9.8	5.8	27.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
LABOR CENTER, DENVER

LOCATION 9

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	7.7	5.1	23.0
22.50	6.6	4.3	19.5
45.00	8.5	6.2	27.2
67.50	13.0	9.8	42.3
90.00	10.1	6.9	30.7
112.50	28.1	10.7	60.1
135.00	24.8	6.7	44.7
157.50	24.4	11.6	59.3
180.00	9.3	6.8	29.7
202.50	7.9	5.0	23.0
225.00	35.8	7.6	58.7
247.50	43.0	9.2	70.6
270.00	47.2	7.7	70.3
292.50	28.8	9.8	58.2
315.00	12.3	7.2	34.0
337.50	6.5	3.9	18.2

LOCATION 10

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	24.4	13.4	64.7
22.50	25.2	10.7	57.1
45.00	15.9	8.5	41.4
67.50	19.2	9.5	47.7
90.00	15.0	7.4	37.2
112.50	21.7	11.7	56.9
135.00	31.6	11.9	67.4
157.50	31.0	13.9	72.8
180.00	12.7	9.0	39.6
202.50	7.6	5.6	24.4
225.00	46.1	11.5	80.5
247.50	55.0	9.7	84.1
270.00	58.3	8.5	83.7
292.50	31.5	10.3	62.6
315.00	7.1	5.7	24.0
337.50	7.0	6.6	26.7

LOCATION 11

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	9.8	5.7	26.8
22.50	7.4	4.0	19.3
45.00	19.0	11.8	54.5
67.50	13.1	8.5	38.6
90.00	12.7	8.0	36.8
112.50	7.0	3.6	17.8
135.00	9.6	5.7	26.8
157.50	6.7	3.7	17.9
180.00	7.4	4.1	19.8
202.50	15.2	8.1	39.4
225.00	26.1	13.5	66.5
247.50	22.9	9.3	50.8
270.00	22.4	8.7	53.4
292.50	22.7	10.9	55.4
315.00	28.2	17.4	80.4
337.50	14.4	10.9	47.0

LOCATION 12

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	11.2	6.0	29.1
22.50	8.7	4.5	22.1
45.00	11.0	6.0	29.0
67.50	8.5	4.8	23.0
90.00	12.8	5.0	27.9
112.50	16.9	3.9	18.6
135.00	10.8	6.0	28.9
157.50	9.0	5.4	25.1
180.00	7.9	4.2	20.5
202.50	10.9	5.8	28.2
225.00	11.8	6.1	30.1
247.50	10.5	5.2	26.0
270.00	13.3	5.9	30.9
292.50	15.3	7.5	37.7
315.00	23.7	10.5	55.2
337.50	17.5	10.0	47.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
Tabor Center, Denver

LOCATION 13

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	22.1	9.9	51.9
22.50	13.5	6.9	34.1
45.00	7.6	3.3	17.4
67.50	7.7	3.3	17.5
90.00	10.6	3.4	26.8
112.50	8.2	3.9	19.8
135.00	10.2	2.2	25.7
157.50	12.1	1.1	27.3
180.00	10.2	3.3	25.1
202.50	18.3	3.3	40.1
225.00	17.2	9.1	44.6
247.50	18.4	10.0	48.4
270.00	31.4	8.3	57.0
292.50	39.3	8.2	63.9
315.00	38.9	9.3	66.9
337.50	29.3	9.8	58.8

LOCATION 14

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	51.8	18.5	107.3
22.50	42.9	20.6	104.6
45.00	18.0	12.5	55.4
67.50	6.3	2.7	14.4
90.00	7.5	3.9	19.2
112.50	15.3	9.2	42.8
135.00	13.5	6.9	34.3
157.50	19.4	7.6	42.3
180.00	24.4	8.0	48.4
202.50	23.2	9.5	51.6
225.00	17.6	9.0	44.8
247.50	19.9	11.4	54.1
270.00	32.1	16.9	82.8
292.50	29.7	12.7	67.6
315.00	24.1	11.9	59.8
337.50	50.6	16.7	100.7

LOCATION 15

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	23.0	10.5	54.4
22.50	19.7	10.5	50.4
45.00	12.6	6.9	33.3
67.50	6.3	2.5	13.8
90.00	5.6	2.5	13.0
112.50	11.2	6.2	29.8
135.00	13.9	7.7	37.2
157.50	14.9	7.9	38.6
180.00	22.5	9.8	51.7
202.50	18.4	8.3	43.4
225.00	17.5	7.4	39.6
247.50	15.3	7.4	37.5
270.00	11.9	7.3	33.8
292.50	10.1	5.2	25.8
315.00	16.3	7.9	40.1
337.50	18.7	8.6	44.6

LOCATION 16

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	38.3	19.4	96.6
22.50	38.3	17.0	89.2
45.00	17.3	8.8	43.7
67.50	23.8	14.7	67.8
90.00	11.1	5.8	28.5
112.50	16.4	8.8	42.8
135.00	16.0	9.0	42.8
157.50	23.2	11.6	58.1
180.00	32.3	13.5	72.7
202.50	36.8	15.4	83.1
225.00	32.6	11.9	68.3
247.50	28.3	11.8	63.6
270.00	22.9	11.5	57.4
292.50	24.8	11.2	58.3
315.00	28.6	12.1	64.8
337.50	28.9	14.1	71.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
TABOR CENTER, DENVER

LOCATION 17

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	43.4	26.1	121.6
22.50	17.4	12.6	55.1
45.00	18.0	10.1	48.3
67.50	18.1	13.1	57.4
90.00	12.0	7.4	34.1
112.50	41.7	15.0	89.7
135.00	13.0	8.0	36.9
157.50	20.2	13.2	59.8
180.00	24.4	15.2	70.1
202.50	34.1	16.9	84.7
225.00	22.1	11.5	56.7
247.50	12.8	6.5	32.4
270.00	14.5	9.0	41.3
292.50	27.4	14.5	70.9
315.00	35.8	13.8	77.2
337.50	67.6	25.9	145.5

LOCATION 18

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	31.2	17.1	82.5
22.50	16.9	9.2	44.5
45.00	7.7	3.0	16.7
67.50	6.3	2.0	12.3
90.00	8.1	3.6	19.0
112.50	12.4	6.2	30.9
135.00	6.8	2.5	14.2
157.50	13.6	5.6	30.3
180.00	16.3	6.3	35.1
202.50	24.7	6.9	45.5
225.00	28.4	8.8	54.8
247.50	22.7	7.8	46.1
270.00	12.8	7.2	34.5
292.50	39.4	15.2	84.9
315.00	59.4	20.4	120.7
337.50	61.7	26.2	140.3

LOCATION 19

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	38.5	11.8	73.8
22.50	28.5	10.1	58.9
45.00	24.6	11.2	58.3
67.50	21.3	11.5	55.7
90.00	14.2	7.5	36.7
112.50	15.0	7.5	37.4
135.00	11.8	6.3	30.7
157.50	19.4	4.8	23.8
180.00	11.7	6.2	30.3
202.50	15.2	8.1	39.3
225.00	22.4	9.8	51.7
247.50	29.4	8.9	56.0
270.00	25.8	8.6	51.4
292.50	34.3	10.2	64.8
315.00	28.8	12.7	66.8
337.50	33.0	13.9	74.7

LOCATION 20

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	20.1	10.3	51.0
22.50	19.8	9.7	49.0
45.00	29.2	12.3	66.0
67.50	52.2	20.5	113.8
90.00	55.1	14.8	99.4
112.50	34.8	10.2	65.4
135.00	13.5	7.7	36.6
157.50	11.4	6.6	31.1
180.00	11.6	6.8	32.1
202.50	17.4	10.3	48.4
225.00	26.6	13.4	66.8
247.50	39.4	8.0	63.5
270.00	53.9	11.9	89.7
292.50	64.0	11.8	99.5
315.00	58.9	11.1	92.3
337.50	39.4	13.7	80.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
Tabor Center, Denver

LOCATION 21

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	51.7	12.3	88.5
22.50	33.3	11.3	67.2
45.00	28.7	13.3	68.7
67.50	27.7	17.3	79.6
90.00	30.2	13.5	70.8
112.50	21.4	8.7	47.5
135.00	27.6	12.8	66.1
157.50	27.3	15.7	74.5
180.00	13.2	7.7	35.3
202.50	13.8	7.4	35.9
225.00	15.5	8.7	41.6
247.50	15.4	8.7	41.5
270.00	23.6	17.8	77.0
292.50	90.4	19.9	150.1
315.00	81.2	24.2	153.8
337.50	56.5	15.2	102.1

LOCATION 22

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	62.3	23.4	132.5
22.50	55.1	22.6	123.0
45.00	16.9	10.3	47.9
67.50	24.8	11.2	58.3
90.00	13.1	5.4	29.4
112.50	14.4	7.8	37.7
135.00	20.8	8.0	44.8
157.50	22.2	10.4	53.3
180.00	28.0	10.9	60.6
202.50	14.2	6.7	34.4
225.00	16.9	8.5	42.5
247.50	17.0	8.4	42.3
270.00	12.3	6.4	31.6
292.50	24.2	15.9	71.8
315.00	43.7	18.3	98.7
337.50	55.1	19.6	113.8

LOCATION 23

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	21.4	15.2	67.0
22.50	46.4	17.2	98.0
45.00	27.0	14.2	69.7
67.50	19.6	9.0	46.6
90.00	16.1	7.3	38.0
112.50	26.2	10.8	58.7
135.00	17.7	8.7	43.7
157.50	13.7	8.0	37.6
180.00	11.9	6.3	30.7
202.50	8.4	3.9	20.1
225.00	8.4	4.1	20.9
247.50	18.6	3.8	20.0
270.00	13.3	8.1	37.4
292.50	15.9	9.2	43.5
315.00	12.6	7.1	33.9
337.50	6.5	2.5	14.0

LOCATION 24

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	34.0	18.0	88.0
22.50	47.7	23.2	117.1
45.00	28.1	13.5	68.8
67.50	27.2	10.7	59.2
90.00	16.8	8.0	40.7
112.50	31.4	12.5	68.9
135.00	18.5	9.8	48.1
157.50	21.0	9.6	49.8
180.00	18.8	9.6	47.5
202.50	18.3	5.3	37.1
225.00	17.1	7.5	39.7
247.50	19.0	7.6	41.8
270.00	14.5	6.4	33.7
292.50	20.0	9.9	49.7
315.00	26.1	11.3	59.9
337.50	24.1	10.6	56.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
TABOR CENTER, DENVER

LOCATION 25

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	46.4	15.2	91.9
22.50	39.5	13.7	80.7
45.00	28.3	11.8	63.6
67.50	24.6	11.7	59.6
90.00	20.1	9.1	47.5
112.50	16.5	8.4	41.6
135.00	32.6	14.8	77.0
157.50	34.4	16.6	94.2
180.00	33.3	15.2	79.0
202.50	42.9	12.0	78.7
225.00	34.7	12.1	71.0
247.50	24.3	10.3	55.1
270.00	20.0	10.5	51.9
292.50	41.1	13.8	83.1
315.00	44.2	14.6	88.1
337.50	43.8	12.4	80.9

LOCATION 26

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	29.1	15.8	76.5
22.50	41.7	18.7	97.8
45.00	49.4	16.7	99.5
67.50	49.4	24.2	122.0
90.00	29.3	16.2	78.2
112.50	10.8	3.4	27.1
135.00	20.2	8.4	45.5
157.50	40.1	10.7	72.1
180.00	27.7	9.6	56.4
202.50	30.7	6.5	50.0
225.00	27.6	9.2	55.3
247.50	28.7	10.5	60.2
270.00	21.8	8.1	46.0
292.50	22.6	6.9	43.3
315.00	18.3	6.6	38.1
337.50	16.3	6.3	35.2

LOCATION 27

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	11.8	5.3	27.6
22.50	12.8	5.4	28.7
45.00	9.3	4.3	22.1
67.50	13.3	5.4	29.6
90.00	10.6	4.1	22.9
112.50	13.2	5.7	30.0
135.00	16.5	6.3	35.9
157.50	17.7	6.6	36.7
180.00	16.3	6.0	34.3
202.50	12.8	6.4	31.9
225.00	23.3	9.6	52.8
247.50	33.3	11.1	65.9
270.00	26.0	9.5	52.5
292.50	22.8	8.2	52.8
315.00	11.1	4.9	26.6
337.50	10.9	4.5	24.5

LOCATION 28

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	19.5	8.0	43.4
22.50	18.0	6.7	38.0
45.00	13.2	7.3	35.0
67.50	17.1	11.2	50.8
90.00	11.8	7.1	33.2
112.50	14.3	7.2	35.9
135.00	15.1	7.2	36.6
157.50	16.2	8.3	41.1
180.00	11.4	5.6	28.2
202.50	14.9	6.6	34.8
225.00	33.0	10.3	63.8
247.50	43.9	12.8	82.3
270.00	39.6	12.4	76.8
292.50	34.7	10.5	66.1
315.00	23.5	8.3	48.3
337.50	20.0	6.0	38.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 TABOR CENTER, DENVER

LOCATION 29

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0 00	53.9	12.5	91.5
22 50	51.8	11.5	86.1
45 00	32.5	11.3	66.4
67 50	30.6	11.7	65.8
90 00	25.0	7.6	47.8
112 50	17.4	9.2	44.9
135 00	28.6	11.2	62.1
157 50	34.7	12.0	70.8
180 00	30.3	8.4	55.6
202 50	34.9	9.2	62.5
225 00	29.7	14.0	71.8
247 50	25.2	17.2	77.0
270 00	15.5	7.6	38.3
292 50	30.0	12.8	73.5
315 00	40.2	13.1	86.6
337 50	51.5	11.4	85.7

LOCATION 30

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0 00	52.0	12.8	90.2
22 50	50.3	11.7	85.3
45 00	33.6	13.6	74.5
67 50	32.8	11.4	67.1
90 00	16.9	9.1	44.4
112 50	20.8	12.0	56.6
135 00	9.8	4.4	22.9
157 50	16.3	8.7	42.4
180 00	14.1	8.0	38.2
202 50	7.9	3.5	18.4
225 00	25.1	10.0	55.2
247 50	12.5	6.6	32.4
270 00	29.9	11.2	63.4
292 50	40.3	12.4	77.7
315 00	35.6	12.7	73.7
337 50	40.5	11.4	74.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
TABOR CENTER, DENVER

* * GREATEST VALUES * *

U _{MEAN} /U _{10m} (PERCENT)					U _{RMS} /U _{10m} (PERCENT)					U _{MEAN} +3*U _{RMS} /U _{10m} (PERCENT)				
LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS
21	292.5	90.4	19.9	150.1	18	337.5	61.7	26.2	140.3	21	315.0	81.2	24.2	153.8
21	315.0	81.2	24.2	153.8	17	0.0	43.4	26.1	121.6	21	292.5	90.4	19.9	150.1
17	337.5	67.6	25.9	145.3	17	337.5	67.6	25.9	145.3	17	337.5	67.6	25.9	145.3
1	0.0	66.3	18.2	121.0	21	315.0	81.2	24.2	153.8	18	337.5	61.7	26.2	140.3
20	292.5	64.0	11.8	99.5	26	67.5	49.4	24.2	122.0	22	0.0	62.3	23.4	132.5
22	0.0	62.3	23.4	132.5	22	0.0	62.3	23.4	132.5	22	22.5	55.1	22.6	123.0
18	337.5	61.7	26.2	140.3	24	22.5	47.7	23.2	117.1	26	67.5	49.4	24.2	122.0
18	315.0	59.4	20.4	120.7	22	22.5	55.1	22.6	123.0	17	0.0	43.4	26.1	121.6
20	315.0	58.9	11.1	92.3	14	22.5	42.9	20.6	104.6	1	0.0	66.3	18.2	121.0
10	270.0	58.3	8.5	83.7	20	67.5	52.2	20.5	113.8	18	315.0	59.4	20.4	120.7

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

STAPLETON INTERNATIONAL AIRPORT, DENVER

(1965-1974)

SEASON : ANNUAL

NO. OF OBS. = 29215

HT. OF MEAS. = 20. FT

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32 +	TOTAL
N	.60	2.90	3.20	1.60	.30	.10	0.00	8.90
NNE	.40	1.50	1.60	.80	.20	0.00	0.00	4.50
NE	.40	1.60	1.60	.60	.10	0.00	0.00	4.30
NNE	.40	1.50	1.30	.50	0.00	0.00	0.00	3.80
ENE	.70	2.60	1.90	.50	0.00	0.00	0.00	5.70
ESE	.50	1.90	1.40	.30	0.00	0.00	0.00	4.20
SSE	.50	1.80	1.30	.40	0.00	0.00	0.00	4.10
SSE	.50	1.90	1.40	.50	.10	0.00	0.00	4.40
SSW	1.20	7.20	8.90	2.50	.30	0.00	0.00	20.10
SSW	.70	4.60	4.40	1.00	.10	0.00	0.00	10.80
SW	.70	2.40	1.60	.40	.10	0.00	0.00	5.20
SSW	.40	1.30	.70	.20	.10	0.00	0.00	2.70
WSW	.20	.80	.90	.80	.30	.10	0.00	3.10
W	.20	.70	.90	.90	.40	.10	0.00	3.50
WNW	.30	1.40	1.30	.90	.30	.10	0.00	4.20
NNW	.30	1.50	1.40	.70	.10	0.00	0.00	4.00
CALM	6.50	0.00	0.00	0.00	0.00	0.00	0.00	6.50
TOT	14.60	35.80	33.70	12.60	2.60	.60	.10	100.00

TABLE 4
SUMMARY OF WIND EFFECTS ON PEOPLE

	<u>Beaufort number</u>	<u>Speed (mph)</u>	<u>Effects</u>
Calm, light air	0, 1	0- 3	Calm, no noticeable wind
Light breeze	2	4- 7	Wind felt on face
Gentle breeze	3	8-12	Wind extends light flag Hair is disturbed Clothing flaps
Moderate breeze	4	13-18	Raises dust, dry soil and loose paper Hair disarranged
Fresh breeze	5	19-24	Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land
Strong breeze	6	25-31	Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard)
Near gale	7	32-38	Inconvenience felt when walking
Gale	8	39-46	Generally impedes progress Great difficulty with balance in gusts
Strong gale	9	47-54	People blown over by gusts

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from extreme value analysis of Denver fastest mile winds*:

>100-year fastest mile at 30 ft = 70 mph

Mean hourly wind speed, 30 ft = $\frac{70}{1.27} = 55.1$ mph

Mean hourly gradient wind speed = $55.1 \left(\frac{1000}{30} \right)^{.17} = 100.0$ mph

Reference pressure at reference velocity location at

$$1250 \text{ ft} = 0.86 (0.00256) (100.0)^2 = \underline{\underline{22 \text{ psf}}}$$

2. Gust load factors to convert hourly mean integrated load to mean load for various gust durations (see Section 4.4):

<u>Duration (sec)</u>	<u>Gust Load Factor</u>
10-15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$
45	$(1.28)^2 = 1.64$

3. Load factor to convert to 90 mph fastest mile:

Multiply loads given by $\left(\frac{90}{70} \right)^2 = 1.65$

* Analysis shown on attached drawing. Similar values will appear in the revised ANSI A58.1. Since 70 mph will be the lowest wind permitted in the revised ANSI A58.1, that value is used here.

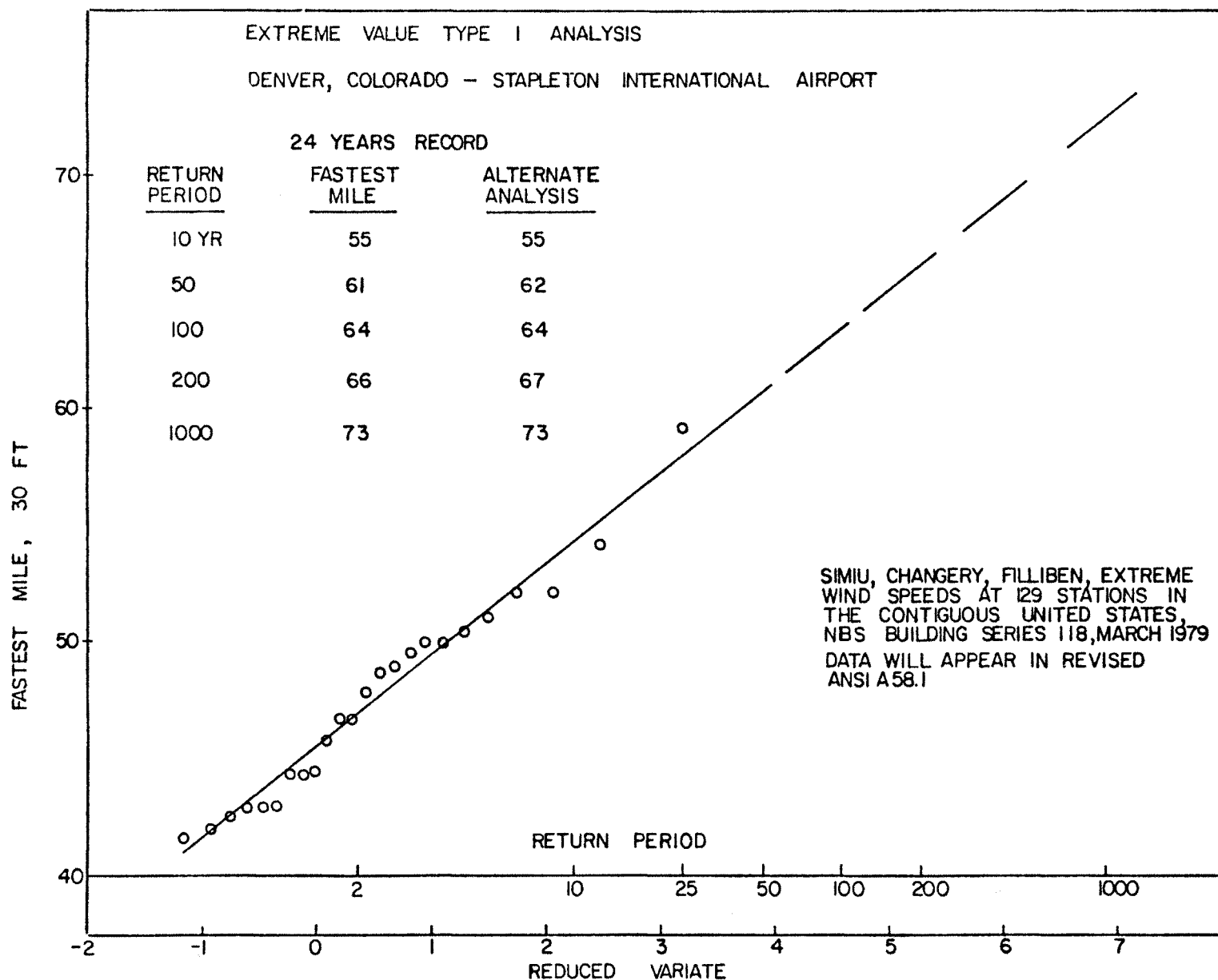


TABLE 5 - CONTINUED

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
101	160	-1.17	-25.7	9.1	149	10	1.07	-22.9	23.5	241	250	-1.04	-22.8	21.8
102	120	-1.58	-34.7	11.2	150	260	-.97	-21.3	10.1	242	250	-.99	-21.8	20.0
103	100	-1.60	-35.2	9.2	151	250	-1.79	-39.4	10.0	243	170	-.80	-16.3	17.5
104	0	-1.73	-38.1	10.8	152	260	-1.44	-31.7	10.3	244	50	-1.32	-29.1	12.2
105	350	-1.11	-24.5	22.7	153	100	-.89	-19.6	6.2	245	120	-1.56	-34.4	11.4
106	100	-.98	-19.0	21.5	154	100	-.55	-12.1	9.1	246	100	1.24	-16.7	27.3
107	110	-2.17	-47.8	9.4	155	0	-.83	-18.3	14.5	247	110	1.07	-15.8	23.5
108	100	-1.54	-33.9	5.7	156	270	-.40	-8.7	8.0	248	110	-.88	-16.9	19.3
109	350	-1.59	-35.0	5.5	157	250	-.38	-8.4	7.3	249	110	-.94	-16.5	20.7
110	350	-1.82	-40.1	7.6	201	220	-1.09	-23.9	9.4	250	250	-1.46	-32.1	19.3
111	100	-.94	-19.7	20.7	202	340	-1.18	-26.0	12.9	251	250	-1.15	-25.4	18.9
112	110	1.01	-20.9	22.1	203	350	-1.17	-25.7	6.8	252	120	-1.28	-28.1	14.2
113	110	1.19	-20.6	26.1	204	110	-1.08	-23.7	5.2	253	90	-1.27	-27.9	18.1
114	110	-1.92	-42.3	8.1	205	120	-1.18	-26.1	10.3	254	100	-.82	-18.1	17.0
115	100	-1.67	-36.7	3.3	206	0	-.91	-19.9	15.2	255	120	-.81	-17.3	17.8
116	100	-1.35	-29.7	4.6	207	260	-1.12	-24.5	19.3	256	260	-.93	-20.5	8.1
117	350	-1.69	-37.1	3.2	208	260	-1.12	-24.7	16.6	257	290	-.55	-12.2	8.2
118	350	-2.10	-46.3	5.2	209	240	-1.10	-24.2	9.7	258	260	-.84	-18.4	11.5
119	100	1.06	-22.8	23.4	210	230	-.97	-21.2	14.8	259	250	-1.05	-23.1	16.6
120	100	1.08	-15.7	23.8	211	260	-1.10	-24.2	12.0	260	260	-1.03	-22.6	17.4
121	100	1.05	-13.1	23.1	212	120	-1.26	-27.6	10.4	261	260	-1.04	-22.9	17.0
122	110	-1.59	-34.9	5.8	213	160	-1.01	-22.1	3.4	262	250	-1.00	-22.0	8.8
123	100	-1.70	-37.3	4.2	214	100	1.11	-18.0	24.5	263	260	-1.06	-23.2	6.9
124	0	-1.42	-31.2	3.9	215	100	1.16	-16.8	25.6	264	260	-.92	-20.3	17.9
125	0	-2.03	-44.6	8.8	216	260	-1.00	-22.0	19.4	265	170	-.76	-14.8	16.8
126	20	-1.90	-41.8	11.7	217	220	-1.75	-38.6	22.9	266	160	-.78	-12.1	17.3
127	40	-.86	-19.0	18.1	218	220	-1.18	-26.0	22.2	267	160	-.82	-14.4	18.0
128	100	1.00	-18.1	22.0	219	150	-.91	-19.2	20.0	268	180	-.78	-13.1	17.2
129	100	1.37	-19.1	30.1	220	340	-.68	-14.9	14.0	269	20	-.75	-16.5	13.6
130	110	-1.57	-34.5	6.5	221	100	-1.36	-30.0	13.9	270	40	-.79	-17.4	16.7
131	120	-1.74	-38.2	3.0	222	120	-2.29	-50.3	17.3	271	20	-.99	-21.8	19.1
132	100	-1.15	-25.4	3.0	223	120	1.04	-19.9	22.9	272	30	-.79	-17.4	14.3
133	0	-1.70	-37.4	5.5	224	120	1.07	-22.2	23.5	273	230	-1.21	-26.6	14.8
134	0	-2.09	-45.9	9.1	225	120	1.07	-19.9	23.6	274	40	-1.06	-23.4	14.5
135	20	-.99	-21.7	15.3	226	250	-1.04	-22.8	18.8	275	260	-.91	-20.0	11.3
136	0	-1.25	-27.5	7.1	227	230	-1.22	-26.8	18.2	276	260	-1.01	-22.3	10.0
137	40	-1.11	-24.4	8.4	228	220	-1.27	-28.0	23.5	277	260	-.58	-12.7	9.3
138	0	-.88	-14.2	19.4	229	250	-1.04	-23.0	20.7	278	140	-.88	-10.0	19.4
139	20	-.89	-19.7	8.2	230	60	-.82	-18.1	16.5	279	160	-.78	-11.3	17.3
140	0	-.90	-19.9	13.8	231	110	-1.49	-32.8	14.6	280	160	-.84	-11.3	18.5
141	30	-1.06	-16.9	23.4	232	50	-1.61	-35.4	18.2	281	160	-.69	-12.1	15.1
142	260	-1.81	-39.9	7.3	233	100	1.17	-13.1	25.7	282	350	-.76	-16.6	15.3
143	250	-1.76	-38.6	10.1	234	100	1.08	-13.4	23.8	283	30	-1.00	-22.0	17.3
144	260	-1.36	-30.0	10.6	235	120	-.96	-15.6	21.1	284	120	-.84	-17.9	18.6
145	100	-2.21	-48.7	6.5	236	250	-1.04	-22.8	18.7	301	0	-1.40	-30.9	10.5
146	100	-.89	-19.5	5.3	237	250	-1.39	-30.6	16.4	302	20	-1.82	-40.0	11.8
147	10	-.67	-14.7	4.9	238	240	-1.17	-25.7	21.9	303	350	-1.22	-26.7	9.1
148	10	.65	-13.9	14.2	239	160	-.70	-14.4	15.4	304	100	-1.09	-24.0	8.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF -----	----- PSF -----				----- PSF -----	----- PSF -----				----- PSF -----	----- PSF -----
305	340	-1.22	-26.8	24.0	353	250	.74	-10.7	16.2	438	220	-1.50	-33.0	14.6
306	340	-1.32	-29.0	20.0	354	300	-.42	-9.2	3.5	439	50	-.94	-20.8	14.9
307	350	-1.05	-23.1	17.0	355	100	-.50	-11.0	4.9	440	40	-.91	-20.1	19.8
308	350	-.99	-21.7	17.3	356	130	-.99	-21.7	16.0	441	0	-.86	-17.4	18.9
309	110	-.88	-19.4	12.3	357	290	-.57	-12.5	6.6	442	260	-.99	-21.8	13.6
310	160	-1.31	-28.7	11.3	358	270	-.43	-9.5	5.6	443	250	-2.43	-53.4	35.9
311	340	-1.30	-28.6	19.1	359	290	-.49	-10.8	7.1	444	270	-2.04	-44.8	23.3
312	330	-1.10	-24.2	22.9	360	140	-.44	-9.7	6.2	445	250	-.84	-17.1	18.4
313	0	-1.03	-22.7	19.2	361	100	-.48	-10.6	6.5	446	330	-.76	-16.7	13.7
314	240	.93	-14.3	20.5	362	270	-.84	-18.6	3.4	447	210	-.85	-18.6	13.7
315	230	.97	-19.0	21.4	363	100	-1.03	-22.6	14.8	448	210	-.79	-17.4	13.8
316	240	.99	-19.3	21.7	401	320	-1.14	-25.0	14.7	449	210	-.68	-15.1	14.8
317	150	-1.38	-30.3	18.7	402	10	-1.21	-26.7	10.3	450	160	-.91	-20.1	10.7
318	170	-1.54	-33.9	16.4	403	250	-1.20	-26.4	10.4	451	20	-1.33	-29.4	21.3
319	340	-.74	-16.2	15.6	404	270	-1.64	-36.0	5.6	452	30	-1.19	-26.2	18.3
320	260	.91	-18.7	20.0	405	260	-1.56	-34.4	3.6	453	30	-1.26	-27.8	11.1
321	250	.92	-16.7	20.2	406	0	-1.53	-33.6	9.0	454	30	-1.01	-22.3	5.9
322	270	.96	-18.2	21.2	407	220	-1.17	-25.6	14.7	455	250	-.88	-19.4	10.4
323	240	.86	-15.7	19.0	408	220	-.94	-20.7	9.7	456	260	-.55	-12.1	7.3
324	170	-.98	-21.5	19.4	409	270	-1.01	-22.3	10.3	457	350	-.83	-18.3	7.6
325	200	-1.47	-32.3	17.5	410	120	-1.36	-30.0	16.4	458	330	-.60	-13.2	12.4
326	140	-1.34	-29.5	18.1	411	330	-1.44	-31.6	20.5	459	280	-.67	-10.5	14.8
327	250	.51	-11.0	11.3	412	340	-1.42	-31.3	12.3	460	350	-1.39	-30.6	7.8
328	250	.40	-8.4	18.8	413	250	-1.43	-31.5	6.6	461	260	-1.01	-22.3	4.3
329	170	-.85	-18.6	17.4	414	250	-1.52	-33.4	4.4	462	260	-.84	-18.5	4.9
330	150	-1.48	-32.5	14.2	415	340	-1.29	-28.4	21.2	463	350	-.62	-13.6	9.6
331	160	-2.11	-46.3	13.3	416	350	-1.22	-26.9	15.7	464	240	-.79	-17.3	14.0
332	160	-.74	-16.3	14.9	417	220	-.98	-21.5	12.3	465	30	-.98	-15.0	21.5
333	160	-.78	-17.2	13.4	418	230	-1.23	-27.1	14.8	466	330	-.90	-16.4	19.8
334	160	-.92	-20.3	15.8	419	250	-.99	-20.3	21.7	467	300	-.71	-15.6	9.9
335	270	-.68	-12.3	15.0	420	250	-1.12	-24.6	24.3	468	30	-.62	-13.6	6.4
336	350	-.62	-18.0	13.4	421	30	-1.10	-22.7	24.3	469	260	-.66	-14.5	5.1
337	250	.78	-16.8	17.2	422	260	-1.45	-31.8	16.5	470	260	-.66	-14.6	9.7
338	260	.91	-17.0	20.0	423	250	-1.69	-37.1	10.0	471	20	-1.54	-34.0	23.6
339	250	-.79	-17.5	15.2	424	250	-1.90	-41.8	6.3	472	30	-.56	-12.4	9.7
340	90	-.55	-12.2	11.9	425	350	-1.09	-23.9	22.6	473	20	-.61	-13.4	7.4
341	180	-.59	-13.0	9.6	426	350	-.84	-18.4	12.8	474	260	-.55	-12.1	5.1
342	280	-.76	-16.7	9.2	427	220	-1.06	-23.3	15.0	475	260	-.56	-12.4	9.3
343	270	-.69	-15.2	13.3	428	230	-1.32	-29.0	18.9	476	250	-.75	-12.2	16.5
344	250	-.80	-17.7	14.9	429	320	-1.07	-21.7	23.6	477	110	-.50	-11.1	9.5
345	0	-.80	-17.7	13.4	430	350	-1.02	-17.8	22.5	478	30	-.49	-13.8	13.3
346	0	-.69	-15.3	9.8	431	260	-1.07	-23.5	21.6	479	230	-.59	-13.0	9.7
347	0	-.73	-16.0	9.5	432	240	-1.28	-28.1	13.9	480	20	-.66	-14.5	7.6
348	340	-.46	-10.1	5.6	433	230	-1.53	-33.7	6.8	481	10	-.57	-12.5	7.1
349	100	-.55	-12.1	6.3	434	240	-1.55	-34.2	4.4	482	20	-.60	-13.2	7.5
350	130	-.81	-17.8	14.0	435	260	-.92	-17.7	20.3	483	10	-.64	-14.1	6.1
351	30	-.68	-15.0	9.3	436	340	-1.01	-22.3	14.2	484	250	-.83	-18.3	6.3
352	100	-.63	-13.9	10.3	437	220	-1.27	-27.9	13.5	485	20	-.58	-11.8	12.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF -----	----- PSF -----				----- PSF -----	----- PSF -----				----- PSF -----	----- PSF -----
486	30	.40	-8.7	8.7	926	180	-.67	-14.8	3.0	974	100	1.20	-20.8	26.4
487	310	.43	-8.3	9.5	927	330	-.64	-14.0	4.3	975	140	-.90	-19.7	10.2
488	70	.41	-8.8	9.0	928	330	-.51	-11.2	4.7	976	140	-1.05	-23.1	7.4
489	80	-.58	-12.7	12.5	929	240	-.69	-11.1	15.3	977	140	-.61	-13.4	6.2
490	270	-.63	-13.9	9.9	930	320	-.71	-15.7	10.3	978	110	-.67	-14.7	8.0
491	240	-.37	-8.2	3.8	931	350	-.64	-14.1	8.2	979	140	-.64	-14.0	3.0
492	300	.67	-12.9	14.7	932	0	-1.32	-29.1	9.2	980	210	-.69	-12.7	15.1
493	250	.46	-8.3	10.2	933	260	-.95	-20.8	16.4	981	160	-.89	-19.7	11.0
801	250	-1.37	-30.0	2.0	934	260	-.93	-20.5	17.7	982	160	-1.17	-25.7	11.7
802	350	-.82	-18.1	3.5	935	320	-1.23	-27.0	17.7	983	150	-1.46	-32.2	19.5
803	260	-.68	-14.9	2.7	936	290	-1.02	-22.4	6.7	984	160	-1.41	-31.0	18.0
804	240	-1.26	-27.8	6.0	937	270	-.76	-16.7	8.4	985	110	1.21	-23.1	26.6
805	70	-.74	-16.3	5.5	938	340	-.99	-21.7	8.4	1101	130	-1.92	-42.3	22.3
806	150	-.50	-9.1	11.0	939	260	-1.06	-23.4	7.0	1102	140	-1.75	-38.6	23.5
807	320	-.77	-16.9	5.8	940	260	-.83	-18.5	16.5	1103	140	-1.49	-32.9	23.0
808	260	-.51	-11.3	8.8	941	310	-1.35	-29.8	12.4	1104	20	-1.61	-35.5	21.7
809	60	.49	-9.1	10.7	942	170	-.62	-13.5	10.8	1105	60	-1.20	-26.6	23.9
810	20	-.80	-17.6	4.6	943	330	-.54	-11.9	9.9	1106	180	-1.29	-28.5	26.1
811	60	.56	-8.6	12.3	944	260	-.91	-16.3	19.9	1107	140	-1.50	-33.7	23.0
813	0	.41	-8.6	9.0	945	350	-.99	-16.3	21.8	1108	140	-1.45	-31.8	15.5
814	0	-.51	-11.2	6.6	946	310	-1.10	-24.2	18.0	1109	70	-1.67	-36.8	23.4
815	0	-.61	-13.4	7.6	947	100	-.75	-16.6	3.8	1110	70	-1.21	-26.6	21.8
816	100	-1.20	-26.5	5.6	948	170	-.78	-17.1	4.4	1111	0	-1.54	-34.0	23.1
901	0	-.91	-20.0	12.6	949	250	-.64	-14.1	3.6	1112	130	-1.69	-37.1	28.1
902	20	-.84	-18.4	8.0	950	170	-.69	-15.1	4.4	1113	140	-1.31	-28.8	25.6
903	350	-.66	-14.6	11.5	951	160	-.78	-17.2	4.6	1114	260	-1.82	-40.0	16.9
904	100	.63	-13.0	13.9	952	240	-.50	-10.4	11.0	1115	260	-2.16	-47.6	12.3
905	250	.61	-13.4	11.7	953	290	-.60	-13.2	8.0	1116	0	-1.92	-42.2	24.2
906	70	-.33	-7.3	4.7	954	260	.71	-14.2	15.5	1117	0	-1.46	-32.1	29.3
907	250	-.66	-14.6	12.8	955	250	-.94	-17.6	20.8	1118	300	-1.43	-31.4	26.8
908	10	-.76	-16.7	5.7	956	110	-.69	-15.1	10.1	1119	200	-1.52	-33.4	19.4
909	260	-.55	-12.2	7.0	957	110	-.67	-14.6	8.4	1120	260	-1.82	-40.0	12.0
910	270	-.45	-10.0	6.6	958	110	-1.01	-22.7	13.0	1121	0	-1.80	-39.7	23.2
911	310	-.55	-12.2	6.6	959	250	-.84	-15.7	18.5	1122	0	-1.57	-34.5	23.9
912	80	-.63	-13.3	3.3	960	260	-1.75	-38.6	5.6	1123	140	-1.12	-24.6	23.9
913	290	-1.15	-25.3	7.4	961	350	-1.28	-28.1	5.5	1124	260	-1.39	-30.7	18.9
914	100	-.74	-16.3	10.4	962	350	-2.26	-49.6	5.6	1125	260	-1.59	-34.9	12.7
915	330	-1.23	-27.0	8.1	963	270	-.69	-15.3	6.9	1126	0	-1.63	-35.9	19.4
916	350	-.80	-12.0	17.6	964	270	-1.30	-28.5	6.9	1127	0	-1.58	-34.7	22.3
917	20	-.61	-13.4	10.5	965	350	-1.54	-33.8	6.6	1128	310	-1.19	-26.1	22.8
918	0	-.43	-9.4	6.6	966	160	-.61	-13.4	9.9	1129	270	-1.43	-31.5	20.7
919	260	-.52	-11.3	7.7	967	340	-1.29	-28.4	12.2	1130	10	-1.31	-28.9	10.9
920	50	-.89	-19.6	12.1	968	50	-1.22	-26.9	4.5	1131	0	-1.75	-38.6	17.7
921	320	-.72	-15.8	13.0	969	160	-.69	-15.3	8.4	1132	0	-1.22	-26.9	19.1
922	320	-.83	-18.5	11.9	970	10	-1.06	-23.2	10.4	1133	160	-1.29	-28.3	20.1
923	40	-.75	-15.6	16.6	971	100	1.18	-18.0	25.9	1134	10	-1.33	-29.3	20.0
924	280	-.63	-14.0	4.9	972	110	1.22	-14.3	26.9	1135	30	-1.05	-23.2	10.0
925	350	-.71	-15.6	4.1	973	110	-1.09	-24.1	8.8	1136	160	-1.28	-28.1	20.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF	----- PSF				----- PSF	----- PSF				----- PSF	----- PSF
1137	10	-1.08	-23.8	20.4	1219	220	-1.56	-34.4	23.9	1267	10	-1.51	-33.1	13.5
1138	170	-1.06	-23.4	14.9	1220	220	-1.32	-29.1	22.9	1301	310	-2.30	-50.6	15.4
1139	160	-1.25	-27.6	14.1	1221	230	-1.15	-25.3	21.6	1302	300	-1.78	-39.2	14.4
1140	320	-1.13	-25.0	18.1	1222	70	-1.46	-32.2	18.7	1303	150	-1.31	-28.8	14.6
1141	320	-1.95	-20.8	17.6	1223	60	-1.70	-37.3	22.5	1304	150	-1.59	-35.1	19.9
1142	160	-1.03	-22.6	19.9	1224	50	-1.81	-39.9	19.7	1305	160	-1.90	-41.8	20.4
1143	0	-1.98	-21.6	17.4	1225	300	-1.50	-32.9	21.8	1306	160	-2.17	-47.7	20.0
1144	20	-1.29	-28.5	14.7	1226	220	-1.67	-36.8	19.3	1307	310	-1.74	-38.2	21.7
1145	150	-1.96	-21.2	12.2	1227	220	-1.48	-32.7	20.0	1308	310	-1.37	-30.2	20.9
1146	180	-1.04	-22.8	12.5	1228	220	-1.33	-29.3	20.4	1309	300	-2.18	-48.0	22.7
1147	140	-1.21	-26.6	20.2	1229	230	-1.00	-22.1	19.2	1310	300	-1.58	-34.7	16.9
1148	160	-1.99	-21.7	18.2	1230	350	-1.05	-23.1	11.9	1311	340	-1.53	-33.7	21.6
1149	320	-1.32	-29.1	22.5	1231	50	-1.44	-31.8	9.5	1312	310	-1.43	-31.5	26.2
1150	20	-1.53	-33.8	14.8	1232	10	-1.72	-37.9	10.9	1313	320	-1.50	-33.0	25.6
1151	150	-1.03	-22.6	16.7	1233	240	-1.91	-42.1	14.6	1314	150	-1.67	-36.7	26.1
1152	300	-1.10	-24.2	15.4	1234	220	-1.38	-30.4	17.3	1315	170	-2.08	-45.7	23.7
1153	300	-1.02	-22.5	19.5	1235	230	-1.58	-34.7	19.4	1316	300	-2.24	-49.3	23.6
1154	300	-1.03	-22.6	17.2	1236	240	-1.26	-27.7	16.0	1317	300	-1.77	-39.0	23.6
1155	150	-1.01	-22.2	16.7	1237	0	-1.17	-25.7	11.7	1318	300	-1.43	-31.5	23.8
1156	150	-1.20	-26.3	14.2	1238	30	-1.35	-29.7	8.1	1319	300	-1.46	-32.2	24.6
1157	10	-1.38	-30.3	13.8	1239	30	-1.75	-38.5	3.8	1320	290	-1.56	-34.6	23.5
1158	10	-1.31	-28.8	14.2	1240	40	-1.93	-42.5	11.3	1321	290	-1.57	-34.6	23.9
1159	310	-1.06	-23.3	15.2	1241	240	-2.04	-44.9	12.3	1322	150	-1.30	-28.6	25.6
1160	300	-1.90	-19.8	16.1	1242	300	-1.60	-35.2	23.8	1323	140	-1.65	-36.3	24.9
1161	260	-1.70	-15.4	10.1	1243	240	-1.37	-30.1	10.4	1324	140	-2.20	-48.3	22.9
1162	310	-1.03	-22.7	20.2	1244	240	-1.83	-38.3	8.5	1325	140	-1.67	-36.7	20.7
1163	150	-1.85	-18.7	15.6	1245	10	-1.84	-38.4	6.9	1326	330	-1.58	-34.8	21.2
1164	20	-1.17	-25.8	17.3	1246	10	-1.37	-30.2	4.9	1327	10	-1.45	-31.9	21.6
1165	10	-1.00	-22.0	16.8	1247	30	-1.93	-42.6	2.3	1328	10	-1.59	-35.0	24.0
1166	0	-1.87	-19.1	16.7	1248	30	-2.22	-48.9	3.1	1329	150	-1.26	-27.7	25.0
1201	200	-1.91	-42.0	22.3	1249	250	-1.50	-33.1	11.6	1330	150	-1.64	-36.2	19.7
1202	210	-1.56	-34.3	20.8	1250	250	-1.32	-29.0	6.8	1331	150	-1.96	-43.0	19.0
1203	230	-1.41	-31.0	21.0	1251	260	-1.23	-27.0	6.6	1332	130	-2.36	-52.0	20.0
1204	230	-1.64	-36.1	24.0	1252	250	-1.93	-40.5	7.8	1333	340	-1.48	-32.5	16.0
1205	30	-1.50	-33.1	20.5	1253	260	-1.87	-39.1	7.1	1334	10	-1.56	-34.2	19.8
1206	60	-1.34	-29.5	19.8	1254	20	-1.07	-23.5	4.2	1335	0	-2.02	-44.5	19.1
1207	70	-2.03	-44.7	24.0	1255	10	-1.60	-33.1	3.4	1336	320	-1.25	-27.7	20.0
1208	70	-2.34	-51.5	22.6	1256	30	-2.17	-47.8	2.4	1337	150	-1.38	-30.3	18.0
1209	210	-1.76	-38.7	32.8	1257	240	-1.29	-28.3	3.4	1338	100	-1.51	-33.2	16.1
1210	220	-1.74	-38.3	27.3	1258	260	-1.88	-39.3	2.4	1339	150	-1.36	-30.0	12.5
1211	220	-1.59	-34.9	25.7	1259	260	-1.62	-33.7	6.6	1340	320	-3.65	-80.4	10.4
1212	220	-1.46	-32.1	25.0	1260	260	-1.74	-36.3	9.3	1341	340	-1.55	-34.4	10.7
1213	30	-1.15	-25.2	22.3	1261	240	-1.85	-38.8	12.3	1342	300	-1.54	-33.8	11.1
1214	60	-1.41	-31.1	20.0	1262	140	-1.56	-31.4	12.3	1343	330	-1.21	-26.6	11.9
1215	70	-1.91	-42.1	25.6	1263	10	-1.78	-37.2	13.2	1344	150	-1.04	-22.8	11.1
1216	30	-1.87	-41.1	24.5	1264	20	-1.75	-36.4	9.1	1345	150	-1.37	-30.0	8.2
1217	220	-1.51	-33.2	22.8	1265	40	-1.96	-41.1	6.0	1346	150	-2.26	-49.7	7.4
1218	220	-1.82	-40.0	26.5	1266	340	-1.52	-33.5	16.7	1347	240	-1.69	-34.9	15.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			PSF	PSF				PSF	PSF				PSF	PSF
1348	220	.74	-14.5	16.4	1447	210	-2.19	-48.2	22.3	1915	180	-3.60	-79.2	7.3
1349	240	.67	-11.4	14.8	1448	0	-1.77	-39.0	16.1	1916	180	-2.11	-46.4	20.7
1401	60	-2.05	-45.1	15.6	1449	40	-.92	-20.2	7.5	1917	290	-2.02	-44.5	9.4
1402	70	-1.60	-35.3	18.7	1450	60	-1.07	-23.6	15.1	1918	190	-2.48	-54.5	7.6
1403	70	-1.67	-36.7	22.3	1451	0	-1.45	-31.9	6.4	2165	150	-1.52	-33.5	10.9
1404	210	-1.39	-30.7	12.9	1452	320	-1.41	-30.9	9.5	2166	150	-1.48	-32.6	9.6
1405	110	-1.88	-41.3	8.7	1453	0	-1.57	-34.6	11.0	2167	300	-1.47	-32.3	11.3
1406	100	-2.44	-53.7	18.0	1454	0	-1.06	-23.3	19.7	2168	320	-1.76	-38.7	20.5
1407	110	-1.40	-30.7	23.4	1455	230	-1.21	-26.5	24.6	2169	320	-1.50	-33.0	18.7
1408	190	-1.76	-38.8	25.8	1456	210	-1.42	-31.3	20.8	2271	150	-.93	-20.4	14.6
1409	190	-1.61	-35.5	28.4	1457	220	-1.39	-30.5	14.7	2272	10	-1.44	-31.8	14.5
1410	350	-1.41	-31.1	26.5	1458	20	-1.10	-24.2	16.1	2273	10	-1.16	-25.5	13.5
1411	60	-1.38	-30.4	21.5	1459	20	-1.23	-27.1	13.2	2274	10	-1.27	-27.9	14.1
1412	60	-2.15	-47.2	19.9	1460	30	-1.64	-36.1	9.2	2275	30	-1.89	-41.5	16.5
1413	70	-1.69	-37.3	21.2	1461	40	-1.36	-29.9	8.3	2276	60	-.82	-17.4	18.1
1414	170	-1.22	-26.8	11.8	1462	310	-1.25	-27.4	10.1	2277	20	-.87	-19.0	16.8
1415	90	-1.47	-32.4	5.1	1463	350	-1.26	-27.8	9.0	2278	10	-1.08	-23.7	13.8
1416	120	-1.98	-43.7	11.5	1464	0	-1.43	-31.5	10.2	2487	290	-.64	-11.9	14.1
1417	180	-1.17	-25.6	8.5	1465	200	-1.17	-25.8	15.5	2488	300	-.67	-14.0	14.8
1418	190	-1.10	-24.2	14.6	1466	200	-.99	-21.8	18.7	2489	170	-.63	-14.0	10.8
1419	10	-1.85	-40.6	23.4	1467	200	-1.18	-25.9	17.0	2490	270	-.55	-11.5	12.1
1420	320	-1.63	-35.9	25.2	1468	220	-1.26	-27.8	12.2	2491	270	1.02	-19.0	22.4
1421	270	-2.00	-44.0	12.4	1469	0	-.76	-16.6	9.7	2492	60	-2.41	-52.9	19.6
1422	100	-1.78	-39.2	4.5	1470	350	-.74	-16.3	10.2	2493	60	-2.20	-48.5	15.4
1423	90	-1.72	-37.9	7.3	1471	10	-.67	-14.6	10.7	2494	80	-1.23	-27.1	9.7
1424	180	-1.18	-26.1	19.6	1472	10	-.70	-15.5	14.9	2495	80	-.83	-18.4	14.6
1425	0	-1.32	-29.0	22.7	1473	30	-.80	-17.6	13.3	2496	230	-.63	-13.8	12.2
1426	0	-1.47	-32.3	21.3	1474	30	-.86	-18.8	12.2	2497	230	-1.69	-37.2	14.4
1427	0	-2.18	-47.9	26.8	1475	250	-.69	-13.9	15.1	2498	60	-1.54	-33.9	17.6
1428	260	-2.06	-45.3	8.8	1801	350	-1.39	-30.6	9.9	2499	60	-1.77	-38.9	19.0
1429	260	-2.02	-44.4	4.3	1802	10	-.84	-18.4	9.7	2500	70	-1.08	-23.8	19.7
1430	70	-1.65	-36.3	9.9	1803	60	-1.09	-24.0	8.2	2501	80	-.89	-19.6	17.2
1431	110	-1.50	-32.9	24.3	1804	330	-1.18	-26.1	8.8	2502	350	-.80	-11.5	17.6
1432	90	-1.62	-35.6	26.6	1805	150	-.69	-15.1	11.3	2503	300	-.63	-11.1	13.8
1433	0	-1.82	-40.1	25.7	1901	70	-1.51	-33.3	20.6	2504	300	-.56	-8.8	12.3
1434	0	-1.96	-43.1	25.2	1902	140	-1.92	-42.3	8.8	2505	300	-.39	-7.9	8.6
1435	260	-2.11	-46.4	10.4	1903	70	-1.60	-35.2	12.6	2506	30	-.57	-10.6	12.5
1436	260	-2.01	-44.2	3.6	1904	140	-2.64	-58.0	6.6	2507	270	-.84	-10.2	18.5
1437	70	-1.66	-36.5	9.0	1905	150	-1.50	-33.0	12.5	2508	260	-.93	-14.4	20.5
1438	140	-1.30	-28.6	22.0	1906	130	-1.85	-40.7	5.3	2509	350	-.68	-15.0	12.0
1439	150	-1.54	-33.8	26.4	1907	300	-1.42	-31.2	7.5	2510	340	-.69	-15.1	8.9
1440	10	-1.60	-35.2	21.2	1908	140	-1.44	-31.6	6.7	3101	350	-.98	-21.5	19.5
1441	0	-2.40	-52.7	23.0	1909	180	-1.11	-24.5	1.5	3102	200	-1.07	-23.6	21.7
1442	310	-1.84	-40.6	7.8	1910	320	-1.64	-36.0	6.5	3303	340	-1.06	-23.3	16.9
1443	60	-1.88	-41.3	5.7	1911	140	-1.44	-31.7	4.1	3304	350	-1.00	-22.0	16.0
1444	70	-1.66	-36.5	7.9	1912	150	-1.44	-31.7	5.4	3305	350	-.82	-18.1	8.8
1445	0	-1.09	-24.1	21.9	1913	180	-1.72	-37.9	4.3	3306	0	-.62	-13.6	8.3
1446	240	-1.40	-30.8	25.1	1914	290	-2.64	-58.1	7.2	3307	220	-.60	-12.3	13.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
3308	20	-.65	-14.3	12.4	3802	300	-1.27	-27.9	11.7	3909	280	-.68	-14.9	9.2
3309	350	-1.04	-22.9	7.0	3803	290	-.84	-18.4	7.6	3910	230	-.68	-11.5	15.0
3310	10	-.62	-13.7	5.6	3804	0	-1.08	-23.7	13.3	3911	250	-.67	-12.5	14.8
3311	30	-.54	-11.8	11.1	3805	350	-.95	-20.9	8.5	3912	0	-.84	-18.4	9.6
3312	240	-.53	-10.9	11.6	3806	20	-.78	-17.1	4.1	3913	270	-.75	-16.4	8.0
3313	0	-.70	-15.4	6.2	3807	320	-.74	-16.3	9.6	3914	280	-.70	-15.5	9.3
3314	350	-1.42	-31.2	13.4	3808	260	-.85	-18.6	9.0	3915	20	-.69	-15.2	9.4
3315	350	-1.47	-32.4	13.2	3901	340	-1.05	-23.1	15.0	3916	350	-.95	-20.8	9.1
3316	350	-.76	-16.6	13.6	3902	10	-1.30	-28.5	14.5	3917	0	-1.09	-24.1	6.9
3317	10	-.90	-19.7	12.3	3903	200	-1.18	-25.9	14.0	3918	10	-1.09	-23.9	10.3
3318	0	-.60	-13.1	6.5	3904	60	-1.27	-27.9	10.8	3919	0	-.95	-20.9	11.6
3319	220	-.45	-9.6	9.8	3905	260	-.96	-21.1	5.2	3920	340	-.98	-21.6	11.2
3320	240	-.49	-9.6	10.8	3906	30	-.84	-18.4	14.2	3921	10	-1.02	-22.4	8.8
3321	260	-1.27	-28.0	16.8	3907	220	-.84	-13.7	18.4	3922	0	-.75	-16.4	11.5
3801	300	-1.32	-29.1	12.1	3908	0	-.77	-16.9	10.7	3923	350	-.86	-18.8	13.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
1340	320	-3.65	-80.4	10.4
1915	180	-3.60	-79.2	7.3
1914	290	-2.64	-58.1	7.2
1904	140	-2.64	-58.0	6.6
1918	190	-2.48	-54.5	7.6
1406	100	-2.44	-53.7	18.0
443	250	-2.43	-53.4	5.9
2492	60	-2.41	-52.9	19.6
1441	0	-2.40	-52.7	23.0
1332	130	-2.36	-52.0	20.0
1208	70	-2.34	-51.5	22.6
1301	310	-2.30	-50.6	15.4
222	120	-2.29	-50.3	17.3
1346	150	-2.26	-49.7	7.4
962	350	-2.26	-49.6	6.5

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
101	170	-1.36	-30.0	11.1	149	20	.97	-21.2	21.4	241	160	.90	-18.5	19.8
102	100	-1.58	-34.8	12.5	150	0	-.62	-13.7	8.4	242	150	.88	-18.5	19.4
103	100	-1.55	-34.1	11.6	151	260	-1.27	-27.8	11.6	243	350	.88	-19.3	19.3
104	350	-1.92	-42.3	9.9	152	270	-1.17	-25.8	13.9	244	50	-1.16	-20.0	12.2
105	340	-1.27	-28.0	17.7	153	110	-.91	-20.1	11.3	245	120	-1.64	-36.0	16.3
106	30	-1.12	-24.7	20.5	154	340	-.74	-16.2	9.0	246	100	-1.40	-21.5	30.9
107	110	-2.18	-48.0	7.4	155	340	-.93	-20.5	13.0	247	110	-1.01	-18.8	22.0
108	100	-1.53	-33.7	6.8	156	320	-.44	-16.5	9.8	248	110	.96	-21.0	21.1
109	0	-1.61	-35.4	6.6	157	350	-.39	-18.5	7.3	249	120	.90	-19.2	19.8
110	350	-1.78	-39.2	5.8	201	350	-1.24	-27.2	12.6	250	250	-1.20	-26.3	13.4
111	350	-1.10	-24.2	21.6	202	340	-1.34	-29.4	8.0	251	240	-1.09	-23.9	18.1
112	30	-1.06	-23.3	20.8	203	0	-1.22	-26.8	8.0	252	110	-1.33	-29.2	16.9
113	110	-1.14	-23.5	25.2	204	110	-1.12	-24.6	6.1	253	110	-1.02	-21.4	22.2
114	110	-1.78	-39.1	7.1	205	110	-1.82	-40.1	7.4	254	120	-1.02	-20.4	22.5
115	100	-1.74	-38.2	4.4	206	350	-1.15	-25.3	10.3	255	110	.96	-20.3	21.1
116	350	-1.53	-33.6	2.5	207	350	-.95	-20.9	18.2	256	270	-.72	-15.9	9.9
117	350	-1.88	-41.3	2.6	208	350	-1.00	-22.1	17.4	257	330	-.75	-16.5	10.1
118	350	-2.07	-45.6	6.2	209	220	-1.27	-27.8	11.1	258	320	-.68	-15.7	11.5
119	350	-1.06	-23.3	20.7	210	230	-1.24	-27.4	15.9	259	270	-.72	-15.7	14.2
120	120	-1.15	-18.6	25.2	211	0	-1.12	-24.6	12.5	260	270	-1.13	-24.8	13.2
121	100	-1.04	-19.0	22.9	212	110	-1.29	-28.4	9.9	261	240	-1.04	-22.9	18.4
122	100	-1.74	-38.2	9.1	213	350	-1.13	-24.8	4.9	262	260	-1.00	-22.0	9.8
123	90	-1.55	-34.2	6.3	214	370	-1.13	-25.0	21.9	263	330	-.95	-21.0	7.6
124	340	-1.40	-30.9	3.0	215	270	-1.15	-25.4	23.9	264	250	-.83	-18.3	11.4
125	0	-1.91	-42.0	3.3	216	0	-1.02	-22.3	19.0	265	250	-.72	-15.9	14.4
126	350	-1.68	-37.0	1.6	217	220	-1.51	-33.3	29.0	266	250	-.74	-16.2	15.3
127	350	-1.06	-23.3	17.6	218	220	-1.27	-27.8	22.7	267	160	.89	-16.5	19.5
128	30	-1.23	-27.0	20.1	219	160	-1.02	-21.8	22.4	268	180	.87	-18.7	19.1
129	100	-1.05	-19.6	23.0	220	350	-.91	-20.0	15.6	269	350	-.94	-20.0	17.6
130	50	-1.69	-37.1	9.5	221	350	-1.27	-28.0	15.2	270	350	-1.11	-24.3	19.7
131	110	-1.80	-39.5	3.4	222	110	-1.59	-35.0	18.4	271	350	-1.11	-24.5	17.9
132	100	-1.17	-25.7	2.8	223	110	-1.37	-22.2	30.2	272	350	-.99	-21.8	16.8
133	0	-2.13	-46.9	3.6	224	110	-1.20	-20.7	26.3	273	0	-1.13	-25.0	13.6
134	320	-3.29	-72.4	6.7	225	350	-1.11	-24.1	22.9	274	350	-.98	-21.6	15.3
135	330	-1.32	-29.0	14.8	226	0	-1.10	-24.1	20.2	275	260	-1.05	-23.0	17.3
136	340	-1.54	-33.9	5.5	227	210	-1.44	-31.8	19.8	276	320	-1.01	-22.3	8.8
137	0	-1.24	-27.2	15.9	228	220	-1.40	-30.9	22.6	277	320	-.68	-14.9	9.1
138	60	-.80	-17.7	17.2	229	160	-.97	-19.3	21.3	278	130	.72	-18.9	15.8
139	350	-.88	-19.4	17.3	230	60	-.90	-19.7	17.4	279	160	.84	-13.7	18.6
140	0	-1.07	-23.5	12.9	231	120	-1.37	-30.2	15.9	280	160	.86	-14.2	19.0
141	350	-1.21	-26.7	22.6	232	110	-1.78	-39.1	18.7	281	350	-.72	-15.7	14.3
142	270	-1.47	-32.2	7.4	233	110	-1.11	-19.7	24.5	282	30	-.96	-21.1	15.2
143	260	-1.43	-31.4	11.4	234	110	-.98	-18.8	21.6	283	30	-1.42	-31.2	18.8
144	260	-1.00	-22.0	12.0	235	350	-1.25	-27.5	22.5	284	350	-1.04	-22.9	20.0
145	110	-1.92	-42.2	6.5	236	350	-1.31	-28.8	20.1	301	0	-1.68	-36.9	13.3
146	100	-.97	-21.3	3.9	237	230	-1.10	-24.3	17.4	302	310	-1.29	-28.3	11.5
147	340	-.88	-19.4	7.9	238	210	-1.05	-23.0	18.5	303	310	-1.25	-27.4	13.0
148	340	-.73	-16.1	13.5	239	260	-.69	-15.2	14.6	304	340	-1.23	-27.1	10.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF	----- PSF				----- PSF	----- PSF				----- PSF	----- PSF
303	10	-1.22	-26.9	20.1	353	240	-.67	-10.2	14.8	438	240	-1.05	-23.1	19.7
306	350	-.94	-20.6	19.8	354	270	-.36	-7.8	4.7	439	60	-.85	-18.7	15.3
307	340	-1.10	-24.2	24.0	355	110	-.50	-11.1	5.1	440	20	-1.04	-22.9	15.0
308	340	-1.09	-24.0	16.6	356	130	-.78	-17.2	15.2	441	310	-.89	-13.5	19.0
309	350	-1.08	-23.8	15.8	357	310	-.44	-9.7	7.3	442	350	-.93	-16.3	20.4
310	160	-1.35	-29.7	19.9	358	280	-.49	-10.7	6.3	443	250	-1.67	-36.7	9.4
311	250	.87	-18.4	19.1	359	270	-.40	-8.8	8.5	444	250	-1.62	-35.7	5.4
312	260	1.13	-19.5	24.9	360	180	-.49	-10.7	5.4	445	260	.92	-11.9	20.3
313	240	.97	-15.2	21.3	361	110	-.50	-10.9	7.1	446	240	.74	-12.8	16.2
314	240	.99	-17.0	21.8	362	270	-.84	-18.5	5.9	447	220	-.68	-15.0	14.9
315	240	1.11	-20.6	24.4	363	110	-.86	-19.0	14.5	448	220	-.79	-17.5	13.8
316	110	-1.01	-22.3	21.1	401	110	-1.03	-22.6	10.0	449	270	-.69	-14.7	15.1
317	150	-1.43	-31.4	23.8	402	0	-.99	-21.7	11.3	450	160	-1.09	-24.0	14.9
318	160	-1.73	-38.1	17.3	403	260	-1.26	-27.7	12.1	451	340	-.98	-21.5	16.6
319	160	-1.79	-17.4	15.9	404	240	-1.49	-32.7	8.1	452	240	-.96	-21.1	19.1
320	260	1.06	-13.8	23.4	405	260	-1.54	-34.0	5.4	453	240	-1.06	-23.3	20.1
321	260	.96	-12.0	21.2	406	320	-1.30	-28.6	10.1	454	30	-.96	-21.1	13.8
322	300	-1.01	-22.3	21.1	407	0	.93	-17.2	20.5	455	350	-.69	-15.2	6.6
3223	240	-1.01	-22.3	22.3	408	220	-.76	-16.7	13.2	456	30	-.64	-14.0	10.2
3224	170	-1.12	-24.4	17.7	409	220	-.96	-21.2	14.2	457	310	-1.12	-24.7	7.7
3225	160	-1.63	-33.8	19.7	410	0	-1.28	-28.2	10.3	458	270	.70	-11.1	15.3
3226	150	-1.46	-32.0	17.4	411	0	-1.21	-26.7	16.6	459	280	.67	-12.3	14.8
3227	350	-.67	-14.8	13.0	412	260	-1.38	-30.5	19.6	460	340	-1.35	-29.8	12.0
3228	350	-.62	-13.7	10.3	413	250	-1.27	-27.9	13.6	461	260	-.87	-19.2	3.9
3229	160	-.96	-21.0	20.2	414	350	-1.26	-27.7	3.2	462	350	-.75	-16.6	3.9
330	150	-1.60	-33.1	13.7	415	350	-1.09	-24.0	22.3	463	330	-.85	-18.7	10.4
331	160	-2.07	-43.4	15.5	416	10	1.07	-16.8	23.6	464	0	-.80	-17.6	14.4
332	330	-.94	-20.7	13.5	417	220	-.77	-16.8	15.4	465	30	-.83	-15.0	18.3
333	160	-.79	-17.4	11.8	418	100	-1.12	-24.5	18.2	466	0	.81	-15.0	17.7
3334	160	-.87	-19.2	17.7	419	350	.84	-18.2	18.5	467	330	.90	-13.1	19.9
3335	330	-.71	-15.6	12.9	420	300	.92	-18.8	20.2	468	340	.51	-11.1	11.3
3336	220	.72	-12.8	15.8	421	260	-1.14	-25.0	21.9	469	30	-.53	-11.8	18.4
3337	230	.82	-17.7	18.0	422	260	-1.22	-26.8	26.5	470	350	.61	-10.8	13.5
3338	240	1.10	-12.0	24.3	423	250	-1.47	-32.3	19.3	471	20	-1.46	-32.1	18.0
3339	230	.66	-13.4	14.4	424	260	-1.61	-35.4	13.7	472	320	.70	-13.4	15.3
3340	250	.79	-12.5	17.4	425	240	1.02	-16.7	22.5	473	310	.61	-10.0	13.5
341	320	-.75	-16.5	7.2	426	220	-.69	-15.2	14.3	474	60	-.46	-10.1	10.0
342	280	-.62	-13.3	12.3	427	230	-1.02	-22.5	18.6	475	0	.57	-9.2	12.5
343	160	-.77	-16.9	11.3	428	230	-1.24	-27.2	22.2	476	260	.57	-10.4	12.5
344	210	.96	-19.3	21.1	429	260	-.87	-19.1	13.6	477	110	-.63	-13.8	8.4
345	250	.52	-11.0	11.3	430	310	.78	-14.0	17.2	478	30	-1.19	-26.2	14.7
346	240	.49	-.88	10.8	431	310	.93	-17.6	20.4	479	320	.76	-13.3	18.6
347	250	.52	-.88	11.5	432	260	-1.33	-29.2	22.1	480	10	-.77	-17.0	7.4
348	100	.43	-.95	4.4	433	250	-1.24	-27.3	14.8	481	20	-.66	-14.5	5.6
349	110	.60	-13.1	5.8	434	230	-1.24	-27.2	8.0	482	0	-.84	-18.5	4.7
350	130	-1.05	-23.1	13.9	435	260	1.09	-12.5	24.1	483	350	-.84	-18.5	6.4
351	350	.42	-.93	9.1	436	220	-.69	-15.2	14.9	484	330	.55	-12.2	6.0
352	240	.70	-11.9	15.4	437	220	-1.08	-23.7	14.0	485	10	.56	-9.2	12.4

TABLE 6A PEAK LOADS FOR CONFIGURATION B
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
486	320	64	-7.0	14.2	926	320	-74	-16.3	4.4	974	100	1.22	-19.7	26.9
487	330	56	-7.5	12.3	927	350	-48	-10.5	4.7	975	140	-1.88	-19.3	13.1
488	330	52	-6.3	11.3	928	350	-55	-12.1	6.7	976	150	-1.60	-22.0	8.6
489	340	-68	-14.9	10.8	929	290	-62	-8.4	13.7	977	140	-1.27	-16.9	9.8
490	260	58	-10.4	12.8	930	270	-62	-11.7	13.7	978	110	-1.87	-19.0	7.1
491	10	-43	-9.5	5.5	931	160	-56	-12.3	7.3	979	110	-1.87	-19.0	7.9
492	300	64	-9.8	14.1	932	0	-1.52	-33.5	10.7	980	210	-1.75	-14.1	16.5
493	280	50	-8.3	11.0	933	50	-98	-21.5	16.1	981	160	-1.95	-20.8	10.8
801	280	-97	-21.2	2.0	934	300	-80	-17.1	17.6	982	170	-1.06	-23.4	11.4
802	10	-1.12	-24.7	3.1	935	310	-97	-16.8	21.3	983	170	-1.51	-33.1	15.1
803	10	-1.56	-12.3	2.8	936	280	-65	-14.2	8.0	984	170	-1.58	-34.7	18.1
804	240	-1.12	-24.6	5.8	937	270	-73	-16.0	7.1	985	100	1.17	-24.6	25.8
805	60	-67	-14.6	6.4	938	310	-95	-20.8	11.0	1101	120	-2.11	-46.4	19.7
806	130	-49	-9.1	10.7	939	330	-1.20	-26.3	6.1	1102	130	-1.70	-37.4	23.4
807	340	-83	-18.2	5.5	940	320	-82	-17.4	18.0	1103	30	-1.39	-30.5	22.0
808	60	-52	-11.5	9.0	941	10	-93	-20.5	11.7	1104	130	-1.38	-30.3	23.2
809	330	-39	-8.0	8.5	942	180	-56	-12.4	9.6	1105	60	-1.36	-30.0	22.9
810	20	-71	-15.7	5.3	943	180	-55	-12.4	11.9	1106	110	-1.17	-25.7	21.8
811	330	62	-7.3	13.7	944	260	1.16	-10.5	25.5	1107	30	-1.61	-35.3	25.6
813	320	74	-7.8	16.2	945	0	95	-14.9	20.8	1108	40	-1.94	-42.6	19.1
814	0	-52	-11.5	7.3	946	320	-89	-13.9	19.6	1109	70	-1.46	-32.0	26.4
815	340	-87	-19.1	6.4	947	120	-73	-16.0	4.6	1110	70	-1.27	-27.9	22.3
816	110	-1.15	-25.3	6.4	948	330	-66	-14.5	7.0	1111	130	-1.98	-43.6	23.6
901	250	-49	-10.6	10.8	949	260	-64	-14.1	9.3	1112	130	-1.78	-39.2	26.5
902	350	-87	-19.1	8.1	950	170	-81	-17.7	7.5	1113	130	-1.59	-35.0	23.3
903	0	-63	-13.9	10.0	951	110	-76	-16.8	7.9	1114	270	-1.77	-39.0	16.8
904	350	-85	-18.7	10.9	952	170	-50	-10.9	10.2	1115	260	-2.48	-54.7	17.9
905	20	-1.01	-22.3	13.1	953	160	-79	-17.3	10.3	1116	130	-2.27	-50.6	25.9
906	350	-46	-10.1	4.4	954	270	77	-11.1	16.9	1117	140	-2.02	-44.4	26.8
907	0	-88	-19.3	13.0	955	260	-96	-11.5	21.1	1118	130	-1.51	-33.2	24.5
908	0	-79	-17.3	6.2	956	330	-98	-21.6	10.3	1119	270	-1.18	-26.1	15.8
909	320	-83	-18.3	4.5	957	180	-91	-20.1	10.4	1120	270	-1.38	-30.5	17.7
910	320	-60	-13.2	5.2	958	0	-91	-20.0	15.9	1121	100	-1.99	-43.8	21.5
911	0	-76	-15.7	6.2	959	350	-99	-21.7	17.9	1122	130	-1.89	-41.6	26.4
912	350	-69	-15.2	7.1	960	260	-1.92	-42.1	4.5	1123	130	-1.57	-34.4	23.8
913	290	-92	-20.2	8.9	961	350	-1.33	-29.3	6.2	1124	120	-1.20	-28.4	15.6
914	330	-79	-17.3	10.4	962	350	-1.95	-43.0	8.3	1125	280	-1.49	-32.7	15.1
915	10	-1.25	-27.4	5.8	963	100	-65	-14.3	5.0	1126	130	-1.43	-31.4	17.5
916	320	-75	-15.5	16.6	964	330	-1.34	-29.5	6.2	1127	130	-1.36	-29.9	22.0
917	0	-77	-16.9	12.2	965	350	-1.52	-33.5	8.6	1128	140	-1.26	-27.7	26.0
918	340	-41	-9.0	7.7	966	160	-80	-17.6	12.8	1129	310	-1.19	-26.1	15.3
919	340	-60	-10.3	13.2	967	340	-1.86	-41.0	13.3	1130	320	-1.05	-23.2	15.8
920	40	-92	-20.2	12.6	968	350	-1.39	-30.6	5.3	1131	130	-1.32	-29.0	20.0
921	40	-80	-17.7	10.1	969	160	-72	-15.7	12.0	1132	130	-1.89	-41.5	21.4
922	30	-61	-13.3	11.6	970	330	-1.49	-32.7	12.3	1133	60	-1.08	-23.4	23.8
923	100	-74	-16.3	14.0	971	100	1.16	-17.9	25.6	1134	150	-1.24	-27.3	14.9
924	270	-49	-10.8	4.5	972	120	1.11	-18.8	24.4	1135	150	-1.30	-28.6	19.6
925	330	-51	-11.2	6.5	973	100	-1.01	-22.3	12.0	1136	150	-1.17	-25.7	20.5

TABLE 6A. PEAK LOADS FOR CONFIGURATION B
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
1137	330	-1.54	-33.8	18.4	1219	230	-1.48	-32.5	23.2	1267	270	-1.36	-29.8	12.3
1138	340	-2.12	-46.7	13.1	1220	230	-1.39	-30.6	26.7	1301	310	-1.93	-42.5	16.6
1139	350	-2.79	-61.4	13.6	1221	230	-1.03	-22.7	21.7	1302	320	-1.39	-30.5	14.7
1140	150	-1.20	-26.4	14.2	1222	60	-1.30	-28.5	18.0	1303	340	-1.17	-25.8	15.5
1141	160	-1.41	-31.1	23.3	1223	50	-1.84	-40.6	18.6	1304	140	-1.39	-30.5	20.9
1142	150	-1.20	-26.4	20.0	1224	50	-1.82	-40.0	21.6	1305	150	-1.78	-39.3	17.7
1143	150	-1.38	-30.3	17.1	1225	220	-2.00	-44.0	20.5	1306	160	-1.95	-42.8	21.1
1144	180	-1.34	-29.5	11.3	1226	220	-1.78	-39.1	18.5	1307	310	-1.72	-37.7	21.4
1145	160	-1.73	-38.0	14.7	1227	220	-1.54	-33.9	20.6	1308	310	-1.32	-29.1	21.3
1146	150	-1.46	-32.1	13.8	1228	230	-1.29	-28.3	22.4	1309	310	-2.05	-45.2	21.1
1147	150	-1.51	-33.1	16.7	1229	230	-1.11	-24.5	18.4	1310	310	-1.48	-32.5	18.1
1148	150	-1.34	-29.5	16.2	1230	30	-0.91	-20.0	9.4	1311	310	-1.25	-27.4	22.2
1149	150	-1.53	-33.3	17.5	1231	280	-1.90	-41.7	6.7	1312	320	-1.43	-31.4	24.1
1150	310	-1.57	-34.5	13.4	1232	260	-1.63	-35.8	9.1	1313	150	-1.64	-36.0	27.7
1151	310	-1.77	-39.0	11.2	1233	220	-1.43	-31.5	15.2	1314	160	-2.02	-44.5	26.9
1152	320	-1.44	-31.6	15.4	1234	230	-1.82	-40.1	17.6	1315	160	-3.11	-68.3	25.1
1153	230	-0.81	-17.7	14.5	1235	230	-1.91	-39.8	19.2	1316	310	-2.18	-48.0	23.8
1154	150	-1.75	-38.6	15.4	1236	240	-1.35	-29.7	17.9	1317	310	-2.35	-51.6	25.9
1155	150	-1.25	-27.5	15.8	1237	0	-1.12	-24.5	13.7	1318	310	-1.33	-29.2	24.8
1156	330	-1.57	-34.5	14.4	1238	30	-1.40	-30.8	33.7	1319	310	-1.38	-30.3	23.2
1157	160	-1.34	-29.5	11.0	1239	30	-2.28	-50.2	5.5	1320	310	-1.52	-33.5	23.4
1158	340	-1.31	-28.7	11.8	1240	30	-1.79	-39.5	5.8	1321	310	-1.17	-25.5	23.7
1159	180	-0.74	-16.3	14.8	1241	230	-1.79	-39.4	9.9	1322	140	-1.50	-33.0	26.2
1160	150	-0.83	-13.4	18.2	1242	310	-1.49	-32.8	25.3	1323	140	-1.67	-36.8	24.7
1161	230	-0.54	-11.8	10.5	1243	260	-1.39	-30.5	8.6	1324	120	-2.04	-44.8	23.8
1162	150	-0.93	-20.4	16.0	1244	10	-0.87	-19.1	8.7	1325	150	-1.92	-42.2	21.4
1163	140	-1.15	-25.2	16.0	1245	0	-1.24	-27.4	5.4	1326	310	-1.70	-37.3	23.8
1164	160	-1.25	-27.5	15.9	1246	20	-1.66	-36.6	5.4	1327	310	-1.53	-33.6	20.5
1165	350	-0.75	-16.0	16.6	1247	30	-2.53	-55.6	4.2	1328	310	-1.31	-28.9	23.8
1166	150	-0.72	-10.6	15.8	1248	30	-2.32	-51.1	2.8	1329	140	-1.93	-42.4	26.0
1201	210	-1.87	-41.2	22.3	1249	270	-1.89	-41.5	13.4	1330	150	-1.72	-37.9	21.8
1202	10	-1.77	-38.9	23.2	1250	260	-1.05	-23.1	8.4	1331	150	-1.78	-39.1	19.7
1203	220	-1.56	-34.3	21.2	1251	220	-1.04	-22.8	6.7	1332	120	-1.98	-43.6	17.9
1204	220	-1.35	-29.9	21.6	1252	0	-0.87	-19.1	9.0	1333	310	-1.37	-30.1	17.0
1205	240	-1.44	-31.6	22.7	1253	0	-1.26	-27.8	8.3	1334	320	-1.41	-31.1	17.1
1206	40	-1.39	-30.3	20.0	1254	20	-1.17	-25.8	4.9	1335	330	-2.02	-44.4	20.6
1207	60	-2.15	-47.2	22.2	1255	20	-1.57	-34.5	3.3	1336	330	-1.53	-33.6	20.6
1208	30	-2.57	-56.4	24.4	1256	350	-2.00	-44.1	3.4	1337	150	-1.53	-33.7	18.3
1209	220	-1.76	-38.8	25.7	1257	230	-0.76	-16.7	3.2	1338	150	-2.00	-44.0	14.7
1210	220	-1.83	-40.3	25.4	1258	230	-0.67	-14.7	2.6	1339	110	-1.92	-42.1	15.5
1211	220	-1.36	-29.9	25.4	1259	340	-0.70	-15.4	7.1	1340	320	-3.16	-69.4	12.6
1212	220	-1.35	-29.7	25.6	1260	230	-0.54	-12.0	11.6	1341	320	-1.69	-37.2	10.9
1213	240	-1.16	-25.5	23.3	1261	240	-0.60	-13.2	12.4	1342	340	-1.68	-37.0	9.8
1214	40	-1.42	-31.2	24.3	1262	0	-0.83	-18.3	12.2	1343	340	-1.63	-35.8	11.7
1215	20	-1.91	-41.9	28.3	1263	0	-0.94	-20.7	11.7	1344	150	-1.46	-32.0	12.2
1216	50	-1.93	-42.5	28.2	1264	0	-1.06	-23.3	9.5	1345	140	-1.61	-35.3	7.8
1217	220	-1.51	-33.2	23.1	1265	350	-0.79	-17.4	4.9	1346	140	-1.91	-42.1	7.9
1218	220	-1.63	-36.0	25.1	1266	350	-1.25	-27.4	16.0	1347	350	-0.83	-18.3	14.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
1348	250	.85	-17.7	18.6	1447	240	-1.79	-39.4	13.5	1915	190	-2.46	-54.1	7.3
1349	150	.92	-20.2	18.2	1448	240	-1.69	-37.3	17.0	1916	220	-1.34	-29.6	20.2
1401	60	-1.54	-33.8	27.1	1449	150	-1.16	-25.5	19.6	1917	270	-1.73	-38.1	8.6
1402	210	-1.62	-35.7	22.1	1450	60	-1.14	-25.1	21.8	1918	190	-2.43	-53.5	9.3
1403	220	-1.67	-36.7	27.8	1451	60	-1.13	-24.9	19.5	2165	150	-1.40	-30.8	12.1
1404	30	1.23	-26.5	27.1	1452	60	-1.02	-22.3	18.4	2166	150	-1.10	-24.3	10.8
1405	80	-2.01	-44.3	26.2	1453	330	-1.02	-21.6	22.4	2167	60	-1.21	-26.6	14.1
1406	80	-2.12	-46.7	22.6	1454	230	-1.23	-28.5	18.0	2168	60	.89	-19.3	19.6
1407	160	-1.32	-29.0	23.2	1455	240	-1.63	-35.8	17.2	2169	50	.94	-20.3	20.7
1408	240	-1.34	-29.4	22.5	1456	240	-2.08	-45.8	11.0	2271	30	.92	-20.3	11.9
1409	240	-1.60	-35.1	26.8	1457	240	-1.74	-38.3	10.9	2272	340	.89	-19.6	17.7
1410	220	-1.61	-35.4	25.1	1458	60	-1.21	-26.6	16.8	2273	230	.98	-21.5	18.6
1411	70	-1.41	-30.9	21.5	1459	60	-1.68	-36.9	23.8	2274	160	.82	-15.4	17.9
1412	70	-1.74	-38.3	20.4	1460	70	-1.93	-42.4	17.3	2275	240	.82	-18.0	15.4
1413	60	-1.44	-31.6	24.8	1461	50	-1.88	-41.3	20.3	2276	50	.75	-9.5	16.4
1414	340	-1.06	-23.4	21.1	1462	50	-1.00	-21.9	14.7	2277	150	.55	-11.4	12.2
1415	260	-1.15	-25.2	14.0	1463	200	.93	-20.4	16.4	2278	150	.77	-12.6	16.9
1416	110	-1.53	-33.6	12.1	1464	200	-1.15	-25.4	16.9	2487	150	.84	-18.6	16.8
1417	220	-1.12	-24.7	9.5	1465	200	-1.29	-28.5	13.6	2488	340	.69	-13.1	15.3
1418	240	-1.13	-24.9	14.1	1466	210	-1.43	-31.4	10.9	2489	350	.61	-12.8	13.4
1419	240	-1.36	-29.9	24.4	1467	240	-1.46	-32.1	10.1	2490	270	.69	-11.5	15.2
1420	240	-1.22	-26.8	23.1	1468	230	-2.08	-45.7	7.6	2491	280	1.23	-24.7	27.1
1421	250	-1.83	-40.4	22.5	1469	60	.85	-18.7	14.8	2492	60	-1.31	-28.8	18.1
1422	50	-1.55	-34.2	19.2	1470	340	.86	-16.1	18.9	2493	0	.73	-15.1	16.0
1423	50	-1.47	-32.4	17.5	1471	340	.70	-15.1	15.4	2494	60	.85	-18.7	8.3
1424	230	-1.44	-31.7	21.2	1472	200	.73	-16.1	16.1	2495	150	.51	-11.2	9.8
1425	240	-1.55	-34.1	20.9	1473	60	.72	-15.8	12.9	2496	310	.62	-9.4	13.7
1426	250	-1.61	-35.5	22.3	1474	280	.78	-17.1	8.9	2497	300	.73	-11.7	16.1
1427	250	-2.86	-62.8	24.1	1475	350	.93	-20.6	13.8	2498	0	.84	-13.0	18.5
1428	270	-1.68	-36.9	28.0	1801	240	.96	-21.1	4.1	2499	60	.84	-18.5	11.6
1429	70	-1.74	-38.3	22.9	1802	200	.76	-16.8	8.9	2500	80	.50	-11.0	7.1
1430	70	-1.64	-36.2	25.0	1803	230	.79	-17.3	12.9	2501	160	.58	-12.7	8.7
1431	50	-1.60	-35.1	26.9	1804	320	1.11	-24.5	5.4	2502	280	.38	-7.4	8.3
1432	240	-1.55	-34.1	25.7	1805	0	.93	-20.4	9.3	2503	290	.42	-8.8	9.3
1433	250	-1.86	-41.0	24.8	1901	70	1.26	-27.7	18.7	2504	300	.49	-7.8	10.7
1434	240	-1.57	-34.5	24.7	1902	110	-1.73	-38.2	9.8	2505	350	.58	-7.5	12.8
1435	270	-1.89	-41.7	26.9	1903	110	-1.99	-43.8	8.4	2506	330	.51	-7.5	11.2
1436	70	-1.87	-41.0	25.0	1904	150	-2.36	-51.9	7.4	2507	280	.91	-13.5	20.1
1437	70	-1.60	-35.1	24.0	1905	70	-1.34	-29.6	15.0	2508	280	1.07	-17.3	23.5
1438	230	-1.44	-35.8	24.1	1906	10	-1.69	-37.1	6.5	2509	60	.90	-19.7	9.6
1439	240	-1.60	-35.3	20.8	1907	10	-1.63	-35.8	8.0	2510	60	.86	-19.0	12.0
1440	220	-1.83	-40.2	20.5	1908	140	.37	-30.2	5.0	3101	20	.94	-20.0	20.8
1441	230	-1.58	-34.8	21.7	1909	170	.82	-18.0	3.0	3102	210	.84	-18.6	15.3
1442	70	-1.46	-32.1	26.8	1910	10	-1.42	-31.3	7.2	3303	330	-1.07	-25.6	16.2
1443	50	-1.54	-33.8	22.4	1911	130	-1.45	-31.8	6.3	3304	340	-1.00	-21.9	17.4
1444	230	-1.45	-33.1	23.0	1912	160	-1.35	-29.7	4.9	3305	350	.78	-17.1	6.6
1445	230	-1.44	-33.1	24.0	1913	40	-1.36	-29.9	9.9	3306	350	.69	-15.2	10.9
1446	240	-1.65	-36.4	17.6	1914	290	-1.96	-43.1	6.7	3307	240	.64	-13.6	14.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
3308	250	.48	-9.1	10.6	3802	70	-.63	-13.8	12.2	3909	280	-.96	-21.1	16.2
3309	290	-.93	-20.6	5.0	3803	150	-.65	-14.3	7.5	3910	290	-.61	-13.5	12.9
3310	350	-.63	-13.8	5.7	3804	140	-.68	-12.9	15.0	3911	70	-1.32	-29.1	14.6
3311	230	.59	-11.1	13.0	3805	150	-1.33	-29.2	7.3	3912	350	-.68	-15.0	10.3
3312	240	.52	-11.3	11.4	3806	30	-.75	-16.5	2.8	3913	280	-1.29	-28.4	8.2
3313	240	.46	-9.6	10.0	3807	10	-1.00	-22.1	9.5	3914	280	-.89	-19.6	9.8
3314	330	-1.28	-28.1	14.7	3808	10	-.69	-15.2	8.9	3915	300	-.66	-14.5	7.9
3315	350	-1.04	-22.9	13.7	3901	60	-1.02	-22.5	12.8	3916	340	-1.87	-41.1	9.1
3316	350	-.64	-14.0	12.2	3902	290	-.97	-21.4	11.2	3917	340	-1.14	-25.0	6.2
3317	350	-.66	-14.5	10.8	3903	200	-1.01	-22.2	21.8	3918	330	-.73	-16.2	12.6
3318	350	-.50	-11.0	6.9	3904	160	-.96	-21.1	9.8	3919	30	-.76	-16.7	11.8
3319	350	-.43	-9.5	9.2	3905	270	-1.19	-26.1	9.1	3920	350	-.84	-18.5	10.6
3320	250	-.40	-8.8	8.8	3906	300	-.55	-11.7	12.1	3921	350	-1.22	-26.9	7.3
3321	220	-.87	-19.1	5.4	3907	340	-1.16	-25.4	18.6	3922	350	-.98	-21.5	13.5
3801	150	-.25	-5.4	5.2	3908	0	.60	-10.5	13.3	3923	340	-.77	-16.8	13.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
134	320	-3.29	-72.4	6.7
1340	320	-3.16	-69.4	12.6
1315	160	-3.11	-68.3	25.1
1427	250	-2.86	-62.8	24.1
1139	350	-2.79	-61.4	13.6
1208	30	-2.57	-56.4	24.4
1247	30	-2.53	-55.6	4.2
1115	260	-2.48	-54.7	17.9
1915	190	-2.46	-54.1	7.3
1918	190	-2.43	-53.5	9.3
1904	150	-2.36	-51.9	7.4
1317	310	-2.35	-51.6	25.9
1248	30	-2.32	-51.1	2.8
1239	30	-2.28	-50.2	5.5
1116	130	-2.27	-50.0	25.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION C
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
2101	310	-1.33	-29.4	27.3	2150	330	-1.81	-39.8	24.3	2228	220	-1.33	-29.8	25.0
2102	340	-1.59	-34.9	19.7	2151	60	-2.10	-46.3	6.5	2229	30	-1.47	-32.3	24.7
2103	340	-1.96	-43.2	23.9	2152	160	-1.60	-33.3	4.0	2230	40	-1.32	-29.0	24.1
2104	70	-1.44	-31.7	21.2	2153	320	-1.27	-27.9	7.6	2231	40	-1.57	-34.6	26.5
2105	80	-1.24	-27.3	26.7	2154	320	-1.92	-42.2	15.0	2232	50	-1.41	-31.0	28.8
2106	80	-1.26	-27.7	21.5	2155	320	-1.85	-40.7	18.3	2233	150	-1.34	-25.0	29.6
2107	330	-1.56	-34.8	26.5	2156	330	-1.99	-43.9	22.5	2234	40	-1.52	-33.4	25.2
2108	330	-1.83	-40.4	26.8	2157	320	-2.01	-44.2	22.3	2235	40	-1.52	-33.5	24.8
2109	310	-2.16	-47.5	30.0	2158	60	-1.51	-33.1	10.6	2236	100	-1.79	-39.4	17.7
2110	30	-1.21	-23.6	26.5	2159	60	-1.20	-26.5	11.0	2237	80	-1.83	-40.3	33.1
2111	80	-1.32	-29.1	27.4	2160	290	-1.23	-27.0	9.0	2238	260	-1.37	-30.2	19.3
2112	340	-1.61	-35.4	27.0	2161	290	-1.77	-39.0	12.1	2239	300	-1.08	-23.8	23.5
2113	150	-1.46	-32.2	27.5	2162	310	-1.82	-40.1	17.4	2240	120	-1.08	-23.1	23.8
2114	150	-1.69	-37.2	25.4	2163	320	-2.23	-49.0	16.7	2241	80	-1.14	-24.4	25.0
2115	50	-1.88	-41.3	23.5	2164	330	-2.11	-46.4	17.4	2242	50	-1.23	-27.0	23.8
2116	80	-1.18	-26.4	24.9	2174	70	-1.96	-43.2	20.2	2243	60	-1.64	-36.0	33.8
2117	330	-1.29	-28.1	27.6	2175	130	-1.59	-35.8	17.1	2244	260	-1.72	-37.8	11.1
2118	90	-1.14	-25.1	21.9	2176	120	-2.44	-53.3	24.4	2245	260	-1.38	-30.4	13.0
2119	100	-2.55	-56.0	29.2	2177	170	-2.50	-53.3	13.8	2246	40	-1.01	-23.3	16.8
2120	150	-1.85	-40.7	21.6	2178	160	-1.34	-29.4	10.5	2247	180	-1.08	-23.8	20.0
2121	330	-1.87	-41.1	26.3	2179	160	-1.58	-34.7	12.9	2248	40	-1.53	-33.6	20.6
2122	330	-1.98	-43.6	25.0	2201	290	-1.40	-30.8	21.6	2249	150	-1.34	-29.5	23.1
2123	330	-3.00	-66.0	27.2	2202	290	-1.44	-31.8	26.2	2250	0	-1.16	-25.5	8.4
2124	120	-2.12	-46.7	17.1	2203	160	-1.24	-27.4	11.5	2251	290	-1.15	-25.2	4.1
2125	130	-1.60	-35.2	14.7	2204	50	-1.29	-28.4	12.2	2252	160	-1.23	-27.0	8.8
2126	340	-1.48	-32.6	24.0	2205	80	-1.24	-27.2	10.9	2253	20	-1.11	-24.5	12.5
2127	340	-1.74	-38.3	26.4	2206	200	-1.22	-26.9	24.9	2254	40	-1.25	-27.5	16.5
2128	330	-1.65	-36.4	26.4	2207	10	-1.87	-39.2	13.7	2255	40	-1.31	-28.8	21.4
2129	120	-2.93	-64.5	19.2	2208	280	-1.66	-36.4	28.2	2256	40	-1.56	-34.2	20.5
2130	150	-1.82	-40.1	16.3	2209	80	-1.73	-38.1	28.4	2257	120	-1.08	-23.9	10.6
2131	130	-2.51	-55.2	17.6	2210	70	-1.51	-33.3	26.3	2258	300	-1.86	-40.9	33.3
2132	140	-2.33	-51.2	11.7	2211	150	-1.16	-25.3	23.6	2259	180	-1.44	-31.6	3.1
2133	120	-1.79	-39.3	11.6	2212	200	-1.56	-34.3	24.8	2260	310	-1.28	-28.2	10.6
2134	130	-1.73	-38.0	16.9	2213	200	-1.45	-31.8	26.0	2261	340	-1.31	-28.8	12.4
2135	330	-1.68	-36.9	23.2	2214	90	-1.29	-26.4	28.4	2262	120	-1.19	-26.2	12.2
2136	310	-2.13	-46.8	16.9	2215	80	-1.85	-40.8	25.7	2263	310	-2.70	-59.3	6.2
2137	160	-1.82	-40.0	12.9	2216	140	-1.21	-25.1	26.6	2264	310	-1.81	-39.8	9.0
2138	150	-1.48	-32.6	8.8	2217	280	-1.52	-33.5	26.0	2265	290	-1.91	-40.0	10.9
2139	330	-1.43	-31.6	17.8	2218	290	-1.85	-40.7	27.1	2266	10	-1.56	-34.2	12.8
2140	330	-1.57	-34.6	23.4	2219	80	-1.62	-35.7	24.8	2267	30	-1.70	-37.4	12.6
2141	340	-1.81	-39.9	24.9	2220	290	-1.53	-33.6	28.2	2268	30	-1.63	-35.8	18.2
2142	60	-1.56	-34.3	24.3	2221	110	-1.32	-27.0	29.1	2269	30	-2.00	-43.9	21.3
2143	160	-2.26	-49.6	8.5	2222	40	-1.60	-35.1	28.6	2270	350	-1.04	-22.2	18.2
2144	160	-1.89	-41.6	5.7	2223	40	-1.64	-36.1	31.2	2301	0	-1.11	-24.5	21.9
2145	160	-1.55	-34.1	7.0	2224	40	-1.40	-30.8	28.8	2302	300	-1.14	-25.1	20.9
2146	320	-1.67	-36.7	16.0	2225	110	-1.87	-41.1	19.9	2303	190	-1.19	-26.6	20.2
2147	320	-1.85	-40.0	21.0	2226	70	-1.72	-37.9	15.1	2304	290	-2.74	-60.3	21.9
2148	320	-1.49	-32.7	24.8	2227	30	-1.40	-30.7	22.9	2305	290	-1.99	-43.8	19.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION C :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
2306	90	-1.42	-31.3	21.0	2408	210	-1.36	-29.9	12.8	2458	330	-1.16	-21.2	25.3
2307	300	-1.81	-39.8	21.8	2409	230	-1.26	-27.7	14.2	2459	230	-1.20	-26.3	25.3
2308	230	-1.32	-24.5	29.0	2410	240	-1.61	-35.3	14.9	2460	230	-1.30	-28.7	24.8
2309	240	-1.24	-24.8	27.3	2411	0	-1.19	-26.3	13.7	2461	240	-1.35	-29.8	25.9
2310	290	-2.13	-46.9	22.1	2412	0	-1.32	-29.0	19.4	2462	250	-1.50	-33.0	23.9
2311	290	-2.23	-49.1	24.4	2413	0	-1.31	-28.7	17.8	2463	250	-1.51	-33.2	20.9
2312	290	-1.32	-29.1	27.6	2414	50	-1.25	-27.6	25.7	2464	50	-1.41	-31.0	21.1
2313	350	-1.14	-25.1	20.3	2415	340	-1.37	-28.5	30.1	2465	70	-1.99	-43.9	23.5
2314	310	-1.39	-30.6	17.8	2417	50	-1.67	-36.8	22.4	2466	80	-1.14	-25.2	23.3
2315	350	-1.12	-24.6	22.9	2418	60	-1.63	-35.9	23.8	2467	220	-1.10	-24.3	24.6
2316	300	-2.62	-57.7	24.2	2419	210	-1.78	-39.1	21.9	2468	230	-1.65	-36.4	24.6
2317	310	-1.75	-38.6	23.3	2420	210	-2.01	-44.2	22.9	2469	180	-2.04	-44.9	23.2
2318	300	-1.70	-37.3	23.1	2421	70	-1.53	-33.6	22.9	2470	170	-1.69	-37.2	14.8
2319	310	-1.50	-32.9	27.7	2422	230	-1.58	-34.9	23.3	2471	80	-1.35	-29.7	19.2
2320	300	-1.71	-37.6	25.4	2423	220	-1.88	-41.4	22.7	2472	70	-1.34	-29.5	19.4
2321	290	-1.82	-40.0	24.1	2425	230	-1.46	-32.1	26.7	2473	60	-1.13	-24.4	20.7
2322	300	-1.70	-37.3	25.0	2426	230	-2.12	-46.7	24.8	2474	70	-1.50	-33.0	19.8
2323	110	-1.55	-34.1	20.7	2427	220	-1.46	-32.5	24.7	2475	220	-1.15	-25.3	20.9
2324	310	-1.79	-39.4	20.4	2428	70	-1.71	-37.6	23.2	2476	220	-1.15	-25.2	20.0
2325	300	-1.80	-39.6	23.1	2429	210	-1.62	-35.5	23.6	2477	230	-1.47	-32.4	20.5
2326	300	-1.74	-38.2	28.3	2430	80	-1.48	-32.6	21.1	2478	230	-1.91	-41.9	16.4
2327	70	-1.45	-32.0	15.2	2431	80	-1.22	-26.8	20.2	2479	170	-2.27	-49.0	14.1
2328	310	-1.69	-37.1	13.7	2432	70	-1.15	-25.4	24.7	2480	60	-2.25	-49.5	20.4
2329	300	-1.92	-42.3	18.0	2433	280	-1.19	-25.3	26.2	2481	60	-2.07	-45.6	18.9
2330	300	-1.81	-39.9	23.9	2434	350	-1.57	-30.2	18.6	2482	60	-1.22	-26.9	9.8
2331	310	-1.39	-30.6	19.3	2435	0	-1.28	-28.3	20.7	2483	70	-1.79	-37.5	11.7
2332	310	-1.89	-41.6	9.6	2436	50	-2.25	-49.5	24.4	2484	210	-1.41	-30.9	16.1
2333	310	-2.03	-44.4	13.4	2437	60	-2.08	-45.8	22.1	2485	210	-1.97	-43.4	17.8
2334	310	-1.79	-39.3	13.3	2438	40	-1.79	-39.5	22.6	2486	210	-2.08	-45.8	15.5
2335	310	-1.57	-34.5	16.4	2439	60	-1.70	-37.7	23.0	2801	340	-1.23	-27.0	14.6
2336	0	-1.10	-24.1	15.8	2440	210	-2.01	-44.2	25.2	2802	320	-1.56	-39.8	12.3
2337	330	-1.99	-43.9	12.9	2441	220	-1.69	-37.2	26.1	2803	0	-1.26	-27.7	12.4
2338	330	-2.00	-44.1	9.4	2442	240	-1.40	-30.0	23.7	2901	0	-1.42	-31.2	18.0
2339	320	-1.54	-33.8	13.8	2443	230	-1.51	-33.3	21.4	2902	280	-1.62	-35.5	19.9
2340	330	-1.53	-33.7	13.4	2444	230	-1.53	-33.3	27.2	2903	310	-1.59	-35.0	17.6
2341	10	-1.10	-24.4	14.7	2445	330	-1.27	-26.4	27.8	2904	50	-1.45	-31.1	5.1
2342	330	-1.14	-25.0	17.8	2446	230	-1.23	-27.1	25.0	2905	10	-1.38	-30.0	5.9
2343	0	-1.02	-23.5	18.3	2447	70	-1.12	-24.6	24.2	2906	50	-1.51	-33.3	5.7
2344	0	-1.15	-25.2	14.3	2448	50	-2.18	-47.9	23.9	2907	330	-1.55	-34.2	21.8
2345	10	-1.03	-22.2	15.9	2449	40	-1.53	-33.6	26.8	2908	20	-1.26	-27.7	5.3
2346	20	-1.97	-41.4	15.4	2450	60	-1.43	-31.5	25.1	2909	10	-1.49	-32.8	6.6
2401	50	-1.32	-29.9	17.9	2451	70	-1.12	-24.7	23.9	2910	300	-1.27	-28.4	6.4
2402	60	-1.58	-34.7	18.9	2452	230	-1.33	-29.3	24.2	2911	0	-1.59	-34.9	6.0
2403	70	-1.44	-31.6	17.7	2453	250	-2.26	-49.7	25.1	2912	80	-1.40	-30.8	5.8
2404	50	-1.91	-42.1	15.1	2454	240	-1.77	-38.8	24.4	2913	340	-1.35	-29.9	7.6
2405	210	-1.57	-34.5	16.6	2455	60	-1.36	-30.0	24.1	2914	340	-1.56	-34.4	4.8
2406	220	-1.64	-36.0	13.7	2456	60	-1.22	-26.9	25.0	2915	140	-1.86	-41.0	2.9
2407	210	-1.80	-39.7	13.3	2457	330	-1.08	-20.1	23.8	2916	290	-1.41	-31.0	7.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION C :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
2917	350	-1.38	-30.4	5.0	2919	120	-1.66	-36.5	8.1	2921	40	-1.40	-30.9	23.7
2918	170	-1.58	-34.8	11.6	2920	40	-1.28	-28.2	24.2					

TABLE 6A. PEAK LOADS FOR CONFIGURATION C
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TWP	AZI- MUTH	PRESS COEFF	NEGATIVE	POSITIVE
			PEAK ----- PSF	PEAK -----
2123	330	-3.00	-66.0	27.2
2129	120	-2.93	-64.5	19.2
2304	290	-2.74	-60.3	21.9
2263	310	-2.70	-59.3	6.2
2316	300	-2.62	-57.7	24.2
2119	100	-2.55	-56.0	29.2
2131	130	-2.51	-55.2	17.6
2177	170	-2.50	-55.0	13.8
2176	120	-2.44	-53.8	24.4
2132	140	-2.33	-51.2	11.7
2479	170	-2.27	-50.0	14.1
2453	250	-2.26	-49.7	25.1
2144	160	-2.26	-49.6	8.5
2436	50	-2.25	-49.5	24.4
2480	60	-2.25	-49.5	20.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION D :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF	-----				----- PSF	-----				----- PSF	-----
5101	310	-1.66	-36.5	19.2	5408	140	-1.33	-29.2	12.4	7107	230	-1.88	-41.4	19.6
5102	110	-1.53	-33.6	13.8	5409	160	-1.26	-27.7	14.7	7108	200	-1.59	-35.1	21.2
5103	320	-1.44	-31.6	17.7	5410	190	-1.68	-36.9	9.2	7109	220	-2.20	-48.3	15.2
5104	340	-1.76	-38.7	15.0	6101	250	-4.52	-99.5	20.6	7110	310	-1.23	-27.0	22.1
5105	140	-1.56	-34.3	9.5	6102	310	-1.43	-31.5	16.0	7111	250	.87	-16.8	19.1
5106	290	-1.93	-42.4	15.8	6103	90	-1.30	-28.6	15.1	7112	100	-1.21	-26.6	26.5
5107	270	-1.84	-40.5	10.2	6104	320	-1.27	-27.9	15.4	7113	220	-2.20	-48.4	15.2
5108	170	-1.72	-37.8	5.9	6105	140	-1.49	-32.8	16.2	7114	220	-2.01	-44.2	18.2
5109	170	-1.60	-35.2	9.1	6106	160	-1.96	-43.0	17.9	7115	190	-1.57	-34.6	18.7
5110	320	-1.65	-36.4	9.9	6107	220	-2.29	-50.4	26.4	7116	200	-1.71	-37.7	15.9
5201	220	-1.44	-31.7	25.1	6108	50	-1.82	-40.1	22.7	7117	310	-1.14	-25.1	16.3
5202	220	-2.25	-49.5	22.1	6109	310	-1.33	-29.2	21.8	7118	110	.64	-14.0	13.0
5203	220	-1.84	-40.5	25.5	6110	310	-1.53	-33.7	23.5	7119	110	-1.14	-25.0	19.1
5204	220	-1.41	-31.1	16.7	6111	240	-1.13	-24.0	25.0	7120	220	-1.78	-39.1	15.3
5205	250	-1.72	-37.9	15.2	6112	140	-1.42	-31.3	24.2	7121	230	-1.95	-42.8	15.1
5206	220	-1.55	-34.2	17.9	6113	130	-1.77	-39.0	22.3	7122	200	-1.29	-38.4	16.5
5207	330	-1.68	-36.9	12.2	6114	30	-1.93	-42.4	11.6	7123	200	-1.45	-31.8	10.0
5208	340	-1.49	-32.8	11.2	6115	60	-1.64	-36.1	15.6	7124	60	-1.04	-22.8	16.8
5209	330	-1.52	-33.4	15.0	6116	320	-1.53	-33.7	17.3	7125	240	.97	-18.0	21.4
5210	30	-1.41	-31.1	10.4	6117	330	-1.78	-39.2	15.6	7126	190	.90	-19.1	19.9
5301	300	-1.60	-35.1	26.7	6118	330	-1.01	-22.3	16.9	7127	230	-1.33	-29.4	12.3
5302	320	-1.70	-37.3	25.3	6119	150	-1.07	-23.5	17.6	7128	230	-1.30	-28.6	19.9
5303	320	-1.53	-33.6	24.8	6120	150	-1.19	-26.1	19.8	8101	40	-1.12	-24.7	16.1
5304	110	-1.50	-33.1	21.5	6121	210	-1.84	-40.5	12.2	8102	110	-1.30	-28.6	11.2
5305	350	-1.49	-32.8	18.9	6122	240	-1.41	-30.9	17.8	8103	150	.91	-20.1	11.5
5306	340	-1.43	-31.4	27.9	6123	320	-1.39	-30.7	15.2	8104	110	.85	-18.7	9.3
5307	340	-1.73	-38.1	16.7	6124	330	-1.59	-34.9	17.5	8105	190	.84	-18.4	11.0
5308	340	-2.59	-56.9	16.0	6125	330	-1.00	-22.0	20.1	8106	310	.91	-20.0	17.1
5309	340	-1.69	-37.2	18.5	6126	30	-1.28	-28.2	16.5	8107	10	-1.04	-22.9	17.1
5310	140	-1.55	-34.4	15.1	6127	340	-1.49	-32.8	12.9	8108	280	.92	-20.2	7.3
5401	230	-1.51	-33.2	24.2	6128	200	-1.87	-41.2	9.8	8109	160	.97	-21.4	6.3
5402	190	-1.46	-32.0	22.1	7101	200	-1.25	-27.5	20.5	8110	160	.94	-20.8	8.6
5403	230	-1.23	-27.0	23.3	7102	200	-1.63	-35.8	18.9	8111	290	.43	-9.4	8.5
5404	230	-2.00	-44.0	25.0	7103	30	-1.14	-25.1	20.9	8112	290	-1.01	-22.2	12.4
5405	190	-1.51	-33.2	18.5	7104	30	-1.11	-24.4	23.3	8113	0	.90	-19.7	13.5
5406	230	-1.52	-33.4	18.5	7105	120	-1.55	-34.2	20.1	8114	40	.98	-21.6	18.8
5407	220	-2.19	-48.1	14.4	7106	230	-1.46	-32.1	26.0					

TABLE 6A PEAK LOADS FOR CONFIGURATION D :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
6101	250	-4.52	-99.5	20.6
5308	340	-2.59	-56.9	16.0
6107	220	-2.29	-50.4	26.4
5202	220	-2.25	-49.5	22.1
7113	220	-2.20	-48.4	15.2
7109	220	-2.20	-48.3	15.2
5407	220	-2.19	-48.1	14.4
7114	220	-2.01	-44.2	18.2
5404	230	-2.00	-44.0	25.0
6106	160	-1.96	-43.0	17.9
7121	230	-1.95	-42.8	15.1
6114	30	-1.93	-42.4	11.6
5106	290	-1.93	-42.4	15.8
7107	230	-1.88	-41.4	19.6
6128	200	-1.87	-41.2	9.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION E
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
5101	310	-1.30	-28.6	21.4	5408	40	-1.41	-30.9	5.4	7107	230	-1.99	-43.7	16.8
5102	140	-1.39	-30.6	15.9	5409	170	-1.36	-21.2	8.9	7108	200	-1.64	-36.2	23.4
5103	300	-1.29	-28.3	17.1	5410	220	-1.59	-34.9	11.5	7109	310	-2.69	-58.9	19.0
5104	310	-1.26	-27.8	16.0	6101	230	-2.51	-55.2	20.7	7110	310	-2.57	-56.5	23.4
5105	260	-1.66	-36.6	9.0	6102	310	-1.36	-29.9	21.8	7111	310	-1.13	-24.9	12.9
5106	260	-1.86	-41.0	13.6	6103	320	-1.48	-32.6	19.3	7112	120	-1.42	-31.3	22.2
5107	140	-2.05	-45.1	16.4	6104	330	-1.58	-34.8	19.3	7113	240	-2.10	-46.2	15.8
5108	140	-1.93	-42.4	9.3	6105	130	-1.70	-37.4	18.4	7114	270	-1.45	-31.8	22.8
5109	180	-1.32	-29.1	11.2	6106	150	-2.49	-54.7	19.0	7115	190	-1.49	-32.9	21.1
5110	290	-1.42	-31.3	15.3	6107	210	-2.23	-49.0	27.9	7116	300	-2.40	-52.8	8.9
5201	220	-1.84	-40.4	23.1	6108	230	-1.87	-41.1	21.9	7117	310	-1.77	-39.0	15.0
5202	220	-2.41	-53.0	21.4	6109	310	-1.53	-33.7	22.5	7118	320	-1.19	-26.2	8.5
5203	220	-1.56	-34.4	22.8	6110	320	-1.71	-37.7	18.8	7119	140	-1.00	-21.9	21.2
5204	50	-1.46	-32.2	15.7	6111	340	-1.28	-28.2	20.0	7120	140	-1.49	-32.8	17.2
5205	290	-2.63	-57.9	16.7	6112	140	-1.00	-22.1	22.2	7121	40	-1.53	-33.7	19.3
5206	260	-1.56	-34.4	17.1	6113	120	-1.50	-32.9	20.0	7122	200	-1.28	-28.1	15.2
5207	220	-1.42	-31.1	14.5	6114	30	-2.07	-45.5	12.9	7123	310	-1.39	-30.6	5.4
5208	220	-2.10	-46.2	19.9	6115	60	-1.74	-38.3	16.0	7124	10	-1.66	-36.5	8.6
5209	220	-1.10	-24.2	14.3	6116	330	-2.04	-44.9	19.2	7125	30	-1.95	-43.8	13.2
5210	20	-1.31	-28.9	11.5	6117	320	-1.70	-37.3	15.4	7126	180	-1.09	-23.8	24.0
5301	310	-1.65	-36.3	26.5	6118	340	-1.11	-24.4	9.7	7127	20	-1.94	-43.6	11.3
5302	310	-1.90	-41.8	23.6	6119	140	-1.63	-35.8	12.9	7128	10	-1.17	-25.7	14.3
5303	320	-1.48	-32.6	25.1	6120	110	-1.77	-39.0	16.1	8101	40	-1.99	-43.8	15.1
5304	140	-1.67	-36.6	22.2	6121	30	-1.76	-38.8	7.7	8102	140	-1.53	-33.8	11.2
5305	290	-1.66	-36.4	19.6	6122	260	-1.05	-23.1	15.4	8103	290	-1.89	-41.5	11.4
5306	130	-1.51	-32.8	22.6	6123	350	-1.31	-28.8	15.1	8104	290	-1.94	-43.7	10.7
5307	140	-1.62	-35.3	17.4	6124	340	-1.59	-34.9	11.4	8105	300	-1.24	-27.3	13.1
5308	270	-1.95	-43.9	14.7	6125	50	-1.65	-36.3	8.7	8106	290	-1.76	-38.8	17.7
5309	220	-1.92	-43.3	20.2	6126	30	-1.27	-28.0	11.3	8107	50	-1.03	-22.7	21.7
5310	140	-1.26	-27.8	16.6	6127	140	-1.35	-29.7	10.6	8108	90	-1.02	-22.4	17.7
5401	220	-1.41	-31.1	22.0	6128	350	-1.91	-42.1	10.6	8109	150	-1.27	-27.7	7.3
5402	30	-1.58	-34.7	15.5	7101	200	-1.53	-33.7	17.1	8110	150	-1.87	-41.0	7.3
5403	220	-1.27	-27.9	20.9	7102	30	-2.35	-51.8	16.7	8111	270	-1.71	-35.5	3.5
5404	220	-1.75	-38.8	23.0	7103	340	-1.99	-43.8	20.1	8112	280	-1.37	-30.2	4.3
5405	40	-1.16	-25.5	12.4	7104	120	-1.10	-24.2	20.9	8113	290	-1.27	-27.9	3.5
5406	140	-3.51	-77.1	11.4	7105	120	-1.31	-28.8	24.1	8114	0	-1.60	-33.3	6.8
5407	220	-1.86	-40.8	14.8	7106	230	-1.50	-33.0	21.8					

TABLE 6A. PEAK LOADS FOR CONFIGURATION E :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI - HUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
5406	140	-3.51	-77.1	11.4
7109	310	-2.68	-58.9	19.0
5205	290	-2.63	-57.9	16.7
7110	310	-2.57	-56.5	23.4
6101	230	-2.51	-55.2	20.7
6106	150	-2.49	-54.7	19.0
5202	220	-2.41	-53.0	21.4
7116	300	-2.40	-52.8	8.9
7102	30	-2.35	-51.8	16.7
6107	210	-2.23	-49.0	27.9
5208	230	-2.10	-46.2	9.9
7113	240	-2.10	-46.2	15.8
6114	30	-2.07	-45.5	12.9
5107	140	-2.05	-45.1	16.4
6116	330	-2.04	-44.9	19.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION F :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
443	246	-1.84	-40.6	7.0	1406	98	-2.60	-57.2	21.2	1915	178	-3.21	-70.7	11.4
1208	58	-2.26	-49.7	26.6	1904	104	-3.30	-72.7	8.5	1918	186	-2.84	-62.4	10.4
1332	144	-2.13	-46.8	17.4	1914	292	-2.68	-58.9	8.4	2492	60	-2.87	-63.1	12.0
1340	320	-3.46	-76.1	12.0										

TABLE 6A. PEAK LOADS FOR CONFIGURATION F :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 10 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
1340	320	-3.46	-76.1	12.0
1904	104	-3.30	-72.7	8.5
1915	178	-3.21	-70.7	11.4
2492	60	-2.87	-63.1	12.0
1918	186	-2.84	-62.4	10.4
1914	292	-2.68	-58.9	8.4
1406	98	-2.60	-57.2	21.2
1208	58	-2.26	-49.7	26.6
1332	144	-2.13	-46.8	17.4
443	246	-1.84	-40.6	7.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION G :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
134	346	-1.67	-36.7	14.2	1208	38	-2.07	-45.6	16.1	1340	316	-3.86	-85.0	11.1
1115	260	-2.12	-46.6	20.0	1247	28	-2.15	-47.4	3.9	1427	244	-2.86	-62.9	25.0
1139	348	-2.86	-62.9	16.4	1315	154	-3.30	-72.6	14.6					

TABLE 6A. PEAK LOADS FOR CONFIGURATION G :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 8 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
1340	316	-3.86	-85.0	11.1
1315	154	-3.30	-72.6	14.6
1139	348	-2.86	-62.9	16.4
1427	244	-2.86	-62.9	25.0
1247	28	-2.15	-47.4	3.9
1115	260	-2.12	-46.6	20.0
1208	38	-2.07	-45.6	16.1
134	346	-1.67	-36.7	14.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION H :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER: DENVER
REFERENCE PRESSURE = 02.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
2119	96	-2.31	-50.8	20.4	2176	136	-2.67	-58.8	19.6	2304	304	-2.92	-64.2	3.2
2123	334	-3.33	-73.2	8.3	2263	302	-3.19	-70.1	1.5	2316	314	-2.84	-62.5	17.6
2129	136	-3.66	-80.6	22.0										

TABLE 6A. PEAK LOADS FOR CONFIGURATION H :
LARGEST VALUES OF CLADDING LOAD

TABOR CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

* * 7 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
2129	136	-3.66	-80.6	22.0
2123	334	-3.33	-73.2	8.3
2263	302	-3.19	-70.1	1.6
2304	304	-2.92	-64.2	3.2
2316	314	-2.84	-62.5	17.6
2176	136	-2.67	-58.8	19.6
2119	96	-2.31	-50.8	20.4

TABLE 6B. COMPARISON OF CONFIGURATIONS B AND G : TABOR CENTER, DENVER
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. G EXCEEDED THAT FOR CONFIG. B BY 5 PSF
REF. PRESSURE = 22.0 PSF

TAP	AZIMUTH	B CONFIG PSF LOAD	AZIMUTH	G CONFIG. PSF LOAD
134	320	-72.4	346	-80.8
1340	320	-69.4	316	-85.0

TABLE 6B. COMPARISON OF CONFIGURATIONS C AND H : TABOR CENTER, DENVER
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG H EXCEEDED THAT FOR CONFIG C BY 5 PSF
REF. PRESSURE = 22.0 PSF

TAP	AZIMUTH	C CONFIG PSF LOAD	AZIMUTH	H CONFIG PSF LOAD
2123	330	-66.0	334	-73.2
2129	120	-64.5	136	-80.6
2176	120	-53.8	136	-58.8
2263	310	-59.3	302	-70.1

TABLE 6B. COMPARISON OF CONFIGURATIONS D AND E : TABOR CENTER, DENVER
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. E EXCEEDED THAT FOR CONFIG. D BY 5 PSF
REF. PRESSURE = 22.0 PSF

TAP	AZIMUTH	D CONFIG PSF LOAD	AZIMUTH	E CONFIG PSF LOAD
5201	220	-31.7	220	-40.4
5205	250	-37.9	290	-57.9
5208	340	-32.8	230	-46.2
5406	230	-33.4	140	-77.1
6104	320	-27.9	330	-34.8
6106	160	-43.0	150	-54.7
6116	320	-33.7	330	-44.9
6119	150	-23.5	140	-35.8
6120	150	-26.1	110	-39.0
6125	330	-22.0	50	-36.3
7101	200	-27.5	200	-33.7
7102	200	-35.8	30	-51.8
7103	30	-25.1	30	-43.8
7109	220	-48.3	310	-58.9
7110	310	-27.0	310	-56.5
7111	110	-16.8	310	-24.9
7116	200	-37.7	300	-52.8
7117	310	-25.1	310	-39.0
7118	110	-14.0	320	-26.2
7124	60	-22.8	10	-36.5
8102	110	-28.6	140	-33.8
8105	190	-18.4	300	-27.3
8106	310	-20.0	290	-38.8
8109	160	-21.4	150	-27.8
8111	290	-9.4	270	-15.5
8112	290	-22.2	280	-30.2
8113	0	-19.7	290	-27.9

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
CONFIGURATION A REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	294.6	417.9	-92.3	56.5	-1.1	-2	1
10	198.2	352.2	-73.3	47.0	-5.8	-12	7
20	122.2	226.8	-44.3	35.1	-7.5	-26	14
30	60.4	97.6	-14.6	20.9	-9.8	-72	45
40	-6.7	75.3	-5.8	7.7	-9.4	-123	-11
50	-91.6	242.0	-53.0	-1.5	-15.3	-55	-21
60	-194.9	387.8	-96.6	-21.2	-28.0	-58	-29
70	-262.1	526.4	-129.7	-33.3	-29.6	-45	-22
80	-131.3	579.1	-147.5	-4.7	-12.0	-20	-4
90	-71.0	680.7	-174.3	4.9	-4.3	-6	-1
100	1.0	682.4	-178.8	12.6	-1.0	-2	0
110	-13.0	763.0	-188.8	6.6	1.7	2	0
120	-70.7	654.0	-152.1	-15.0	-2.8	-4	-0
130	-78.0	566.7	-133.6	-15.8	-5.5	-10	-1
140	-63.7	878.0	-209.9	-17.3	-12.0	-14	-1
150	1277.2	1277.2	-306.9	-4.9	-9.7	-8	0
160	138.6	1052.8	-257.2	28.8	-7.7	-7	1
170	301.2	1018.1	-252.4	75.1	-11.2	-10	3
180	480.3	1063.6	-265.2	114.6	-12.4	-10	4
190	508.9	866.3	-195.7	115.6	-6.8	-6	3
200	702.0	574.4	-123.1	160.8	1.1	1	-1
210	725.2	370.8	-87.4	162.8	4.0	2	-4
220	912.2	-100.2	3.0	197.0	9.7	-1	-10
230	987.1	-339.1	45.7	213.7	6.6	-2	-6
240	1180.7	-401.3	41.7	252.8	9.2	-2	-7
250	1254.2	-466.3	47.0	271.1	15.7	-4	-11
260	1152.4	-511.5	61.1	254.8	20.1	-6	-15
270	873.2	-395.3	55.4	191.6	20.0	-9	-19
280	697.9	-223.0	28.5	150.0	20.2	-8	-26
290	614.5	-143.4	15.8	132.6	29.8	-11	-46
300	344.3	-318.9	46.2	77.1	43.7	-63	-68
310	253.0	-323.5	39.9	60.3	43.9	-84	-66
320	237.1	-323.2	37.4	56.7	40.2	-81	-59
330	155.2	-230.2	20.3	36.8	33.2	-99	-67
340	137.2	-6.7	-25.3	23.7	16.6	-6	-121
350	270.2	208.8	-62.4	45.8	7.2	13	-17

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 0

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									294.6	417.9	-92.3	56.5	-1.1
5TH	24.67	12.3	-6.9	2238	4588	5.5	-1.5	-46	-83	282.2	424.8	-81.9	49.4	-2.4
6TH	37.00	7.8	3.8	1554	2294	5.0	1.7	28	-57	274.5	421.0	-76.7	45.9	-3.0
7TH	49.33	8.5	5.6	1554	2294	5.4	2.5	25	-37	266.0	415.4	-71.5	42.6	-3.4
8TH	61.67	9.1	7.5	1554	2294	5.9	3.2	19	-24	256.9	408.0	-66.5	39.4	-3.8
9TH	74.00	9.7	9.3	1554	2294	6.2	4.0	13	-14	247.2	398.7	-61.5	36.3	-4.1
10TH	86.33	10.3	11.1	1554	2294	6.6	4.8	8	-7	236.9	387.6	-56.6	33.3	-4.2
11TH	98.67	10.9	12.9	1554	2294	7.0	5.6	3	-2	226.0	374.7	-51.9	30.4	-4.3
12TH	111.00	11.5	15.3	1554	2294	7.4	6.7	0	-0	214.5	359.4	-47.4	27.7	-4.3
13TH	123.33	11.3	15.9	1554	2294	7.3	6.9	-1	1	203.2	343.5	-43.1	25.1	-4.2
14TH	135.66	11.0	16.1	1554	2294	7.1	7.0	-3	2	192.1	327.4	-38.9	22.7	-4.2
15TH	148.00	10.8	16.3	1554	2294	6.9	7.1	-5	3	181.4	311.2	-35.0	20.4	-4.1
16TH	160.33	10.5	16.5	1554	2294	6.7	7.2	-6	4	170.9	294.7	-31.3	18.2	-3.9
17TH	172.66	10.2	16.7	1554	2294	6.6	7.3	-8	5	160.7	278.0	-27.7	16.2	-3.7
18TH	185.00	9.9	16.9	1554	2294	6.4	7.3	-10	6	150.8	261.2	-24.4	14.3	-3.5
19TH	197.33	9.7	17.0	1554	2294	6.2	7.4	-11	6	141.1	244.2	-21.3	12.5	-3.3
20TH	209.66	9.7	17.1	1554	2294	6.2	7.4	-11	6	131.4	227.1	-18.4	10.8	-3.0
21ST	222.00	9.6	17.2	1554	2294	6.2	7.5	-11	6	121.8	210.0	-15.7	9.2	-2.8
22ND	234.33	9.6	17.2	1554	2294	6.2	7.5	-11	6	112.2	192.7	-13.2	7.8	-2.5
23RD	246.66	9.6	17.3	1554	2294	6.2	7.6	-11	6	102.6	175.4	-10.9	6.4	-2.2
24TH	258.99	9.6	17.4	1554	2294	6.2	7.6	-12	6	93.0	158.0	-8.9	5.2	-2.0
25TH	271.33	9.6	17.5	1554	2294	6.2	7.6	-12	6	83.4	140.5	-7.0	4.2	-1.7
26TH	283.66	9.9	17.4	1554	2294	6.4	7.6	-11	6	73.5	123.1	-5.4	3.2	-1.5
27TH	295.99	10.2	17.3	1554	2294	6.6	7.6	-11	6	63.3	105.8	-4.0	2.3	-1.2
28TH	308.33	10.5	17.3	1554	2294	6.8	7.5	-11	7	52.8	88.5	-2.8	1.6	-0.9
		10.9	17.2	1554	2294	7.0	7.5	-10	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE														
WIND DIRECTION 0		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									41.9	71.3	-1.8	1.0	-1.7
30TH	332.99	10.8	17.6	1554	2294	7.0	7.7	-10	6	31.1	53.7	-1.0	.6	-1.5
31ST	345.33	10.7	17.9	1554	2294	6.9	7.8	-9	5	20.4	35.8	-.5	.3	-.2
		9.6	16.2	1264	2294	7.6	7.1	-4	3					
32ND	357.66									10.8	19.6	-.1	.1	-.1
		10.8	19.6	1441	2792	7.5	7.0	-5	3					
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-1.8	1.5	2238	4588	-1.8	.3	67	80	198.2	352.2	-73.3	47.0	-5.8
5TH	24.67	.5	6.3	1554	2294	.3	2.7	11	-1	200.0	350.7	-64.7	42.0	-6.0
6TH	37.00	1.3	7.4	1554	2294	.8	3.2	-1	0	199.5	344.4	-60.4	39.6	-6.1
7TH	49.33	2.0	8.5	1554	2294	1.3	3.7	-9	2	198.3	336.9	-56.2	37.1	-6.1
8TH	61.67	2.7	9.5	1554	2294	1.7	4.2	-15	4	196.3	328.4	-52.1	34.7	-6.0
9TH	74.00	3.4	10.6	1554	2294	2.2	4.6	-20	7	193.6	318.9	-48.1	32.3	-5.8
10TH	86.33	4.1	11.6	1554	2294	2.6	5.1	-24	9	190.1	308.3	-44.2	29.9	-5.6
11TH	98.67	5.3	12.8	1554	2294	3.4	5.6	-24	10	186.0	296.7	-40.5	27.6	-5.3
12TH	111.00	5.8	13.2	1554	2294	3.7	5.7	-22	10	180.8	283.9	-36.9	25.3	-4.9
13TH	123.33	6.2	13.2	1554	2294	4.0	5.8	-21	10	174.9	270.7	-33.5	23.2	-4.6
14TH	135.66	6.5	13.3	1554	2294	4.2	5.8	-19	9	168.8	257.5	-30.2	21.0	-4.2
15TH	148.00	6.9	13.4	1554	2294	4.4	5.9	-18	9	162.3	244.2	-27.1	19.0	-3.9
16TH	160.33	7.2	13.5	1554	2294	4.6	5.9	-16	9	155.4	230.7	-24.2	17.0	-3.6
17TH	172.66	7.6	13.6	1554	2294	4.9	5.9	-15	8	148.2	217.2	-21.4	15.2	-3.4
18TH	185.00	7.7	13.7	1554	2294	5.0	6.0	-14	8	140.7	203.6	-18.8	13.4	-3.1
19TH	197.33	8.1	13.7	1554	2294	5.2	6.0	-14	8	132.9	189.9	-16.4	11.7	-2.8
20TH	209.66	8.5	13.7	1554	2294	5.5	6.0	-13	8	124.8	176.3	-14.2	10.1	-2.6
21ST	222.00	8.9	13.7	1554	2294	5.7	6.0	-13	8	116.3	162.6	-12.1	8.6	-2.3
22ND	234.33	9.3	13.7	1554	2294	6.0	6.0	-12	8	107.4	148.9	-10.1	7.2	-2.1
23RD	246.66	9.6	13.7	1554	2294	6.2	6.0	-12	8	98.2	135.2	-8.4	6.0	-1.8
24TH	258.99	10.0	13.7	1554	2294	6.4	6.0	-11	8	88.5	121.5	-6.8	4.8	-1.6
25TH	271.33	10.1	13.5	1554	2294	6.5	5.9	-11	8	78.6	107.8	-5.4	3.8	-1.4
26TH	283.66	10.2	13.4	1554	2294	6.5	5.8	-10	8	68.5	94.3	-4.1	2.9	-1.2
27TH	295.99	10.3	13.2	1554	2294	6.6	5.8	-10	7	58.3	80.9	-3.1	2.1	-.9
28TH	308.33	10.4	13.1	1554	2294	6.7	5.7	-9	7	48.0	67.7	-2.1	1.4	-.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

TABOR CENTER. DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	10.2	13.3	1554	2294	6.5	5.8	-9	6	37.7	54.5	-1.4	.9	-.5
30TH	332.99	9.9	13.5	1554	2294	6.4	5.9	-8	6	27.5	41.2	-.8	.5	-.4
31ST	345.33	8.4	12.4	1264	2294	6.7	5.4	-4	3	17.6	27.7	-.4	.2	-.2
32ND	357.66	9.2	15.3	1441	2792	6.4	5.5	-6	4	9.2	15.3	-.1	.1	-.1
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-10.4	3.5	2238	4588	-4.7	.8	-12	-34	122.2	226.8	-44.3	35.1	-7.5
5TH	24.67	-3.9	5.3	1554	2294	-2.5	2.3	-27	-20	132.7	223.4	-38.8	31.9	-7.1
6TH	37.00	-3.4	5.9	1554	2294	-2.2	2.6	-35	-20	136.6	218.0	-36.1	30.3	-6.9
7TH	49.33	-2.6	6.5	1554	2294	-1.7	2.8	-43	-17	140.0	212.1	-33.4	28.6	-6.6
8TH	61.67	-1.5	7.0	1554	2294	-1.0	3.1	-51	-11	142.6	205.6	-30.8	26.8	-6.3
9TH	74.00	-.5	7.6	1554	2294	-.3	3.3	-57	-3	144.2	198.5	-28.3	25.1	-5.9
10TH	86.33	.6	8.1	1554	2294	.4	3.5	-59	5	144.6	190.9	-25.9	23.3	-5.5
11TH	98.67	2.3	8.7	1554	2294	1.5	3.8	-56	14	144.0	182.8	-23.6	21.5	-5.0
12TH	111.00	3.1	8.9	1554	2294	2.0	3.9	-47	17	141.7	174.1	-21.4	19.7	-4.5
13TH	123.33	3.8	9.0	1554	2294	2.5	3.9	-40	17	138.6	165.2	-19.3	18.0	-4.0
14TH	135.66	4.5	9.1	1554	2294	2.9	3.9	-33	16	134.8	156.3	-17.4	16.3	-3.6
15TH	148.00	5.2	9.1	1554	2294	3.3	4.0	-27	15	130.3	147.2	-15.5	14.7	-3.2
16TH	160.33	5.9	9.2	1554	2294	3.8	4.0	-21	14	125.1	138.1	-13.7	13.1	-2.9
17TH	172.66	6.5	9.3	1554	2294	4.2	4.0	-16	11	119.2	128.9	-12.1	11.6	-2.6
18TH	185.00	6.8	9.2	1554	2294	4.4	4.0	-14	10	112.7	119.6	-10.5	10.2	-2.4
19TH	197.33	7.1	9.0	1554	2294	4.5	3.9	-13	10	105.8	110.4	-9.1	8.8	-2.2
20TH	209.66	7.3	8.8	1554	2294	4.7	3.8	-11	9	98.8	101.4	-7.8	7.6	-2.0
21ST	222.00	7.5	8.6	1554	2294	4.9	3.8	-10	8	91.5	92.6	-6.6	6.4	-1.8
22ND	234.33	7.8	8.4	1554	2294	5.0	3.7	-8	8	83.9	84.0	-5.5	5.3	-1.7
23RD	246.66	8.0	8.2	1554	2294	5.2	3.6	-7	7	76.1	75.6	-4.6	4.3	-1.6
24TH	258.99	8.2	8.0	1554	2294	5.3	3.5	-6	6	68.1	67.3	-3.7	3.4	-1.5
25TH	271.33	8.4	7.8	1554	2294	5.4	3.4	-6	7	59.9	59.3	-2.9	2.7	-1.4
26TH	283.66	8.5	7.7	1554	2294	5.5	3.3	-6	7	51.5	51.5	-2.2	2.0	-1.3
27TH	295.99	8.7	7.5	1554	2294	5.6	3.3	-7	8	43.0	43.8	-1.6	1.4	-1.1
28TH	308.33	8.8	7.3	1554	2294	5.7	3.2	-7	8	34.3	36.3	-1.1	.9	-1.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									25.4	29.0	-1.7	.5	-1.9
30TH	332.99	8.3	7.4	1554	2294	5.4	3.2	-9	10	17.1	21.6	-1.4	.3	-1.8
31ST	345.33	7.8	7.5	1554	2294	5.0	3.3	-11	11	9.3	14.0	-1.2	.1	-1.6
32ND	357.66	5.0	6.2	1264	2294	4.0	2.7	-23	19	4.2	7.8	-1.1	.0	-1.4
TOP	372.67	4.2	7.8	1441	2792	2.9	2.8	-35	19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 30

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									60.4	97.6	-14.6	20.9	-9.8
5TH	24.67	-17.0	5.9	2238	4588	-7.6	1.3	-16	-45	77.3	91.6	-12.2	19.2	-8.9
6TH	37.00	-5.4	4.5	1554	2294	-3.5	2.0	-39	-48	82.8	87.2	-11.1	18.2	-8.5
7TH	49.33	-4.6	4.4	1554	2294	-2.9	1.9	-49	-51	87.3	82.8	-10.1	17.1	-8.0
8TH	61.67	-3.6	4.2	1554	2294	-2.3	1.8	-64	-56	90.9	78.6	-9.1	16.0	-7.6
9TH	74.00	-2.5	3.9	1554	2294	-1.6	1.7	-89	-58	93.5	74.7	-8.1	14.9	-7.1
10TH	86.33	-1.5	3.6	1554	2294	-.9	1.6	-122	-50	94.9	71.1	-7.2	13.7	-6.5
11TH	98.67	-.4	3.4	1554	2294	-.3	1.5	-159	-19	95.3	67.7	-6.4	12.6	-6.0
12TH	111.00	1.4	3.1	1554	2294	.9	1.4	-149	68	93.9	64.5	-5.6	11.4	-5.4
13TH	123.33	2.3	3.5	1554	2294	1.5	1.5	-102	69	91.6	61.1	-4.8	10.3	-4.9
14TH	135.66	3.0	3.7	1554	2294	1.9	1.6	-74	59	88.6	57.3	-4.1	9.1	-4.5
15TH	148.00	3.6	4.0	1554	2294	2.3	1.8	-54	48	85.0	53.3	-3.4	8.1	-4.1
16TH	160.33	4.2	4.3	1554	2294	2.7	1.9	-39	38	80.8	49.0	-2.7	7.1	-3.8
17TH	172.66	4.9	4.6	1554	2294	3.1	2.0	-27	29	76.0	44.4	-2.2	6.1	-3.5
18TH	185.00	5.5	4.9	1554	2294	3.5	2.1	-19	21	70.5	39.5	-1.6	5.2	-3.3
19TH	197.33	5.7	4.9	1554	2294	3.6	2.1	-15	18	64.8	34.6	-1.2	4.4	-3.1
20TH	209.66	5.7	4.8	1554	2294	3.7	2.1	-14	16	59.1	29.8	-.8	3.6	-2.9
21ST	222.00	5.7	4.7	1554	2294	3.7	2.1	-13	15	53.5	25.1	-.5	2.9	-2.8
22ND	234.33	5.7	4.6	1554	2294	3.7	2.0	-11	14	47.7	20.4	-.2	2.3	-2.7
23RD	246.66	5.7	4.5	1554	2294	3.7	2.0	-10	13	42.0	15.9	.0	1.7	-2.6
24TH	258.99	5.7	4.4	1554	2294	3.7	1.9	-9	11	36.3	11.5	.2	1.2	-2.4
25TH	271.33	5.8	4.3	1554	2294	3.7	1.9	-8	10	30.5	7.2	.3	.8	-2.4
26TH	283.66	5.9	3.9	1554	2294	3.8	1.7	-8	12	24.6	3.3	.4	.5	-2.3
27TH	295.99	6.1	3.5	1554	2294	3.9	1.5	-8	14	18.5	-.1	.4	.2	-2.1
28TH	308.33	6.3	3.0	1554	2294	4.0	1.3	-8	16	12.3	-3.2	.4	.0	-2.0
		6.4	2.6	1554	2294	4.1	1.2	-8	18					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :

WIND DIRECTION 30

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									5.9	-5.8	.3	-.1	-1.9
30TH	332.99	5.9	2.5	1554	2294	3.8	1.1	-11	26	.0	-8.3	.3	-.1	-1.7
31ST	345.33	5.4	2.3	1554	2294	3.5	1.0	-15	35	-5.4	-10.6	.1	-.1	-1.5
32ND	357.66	-1.0	-5.1	1264	2294	-.8	-2.2	115	-23	-4.3	-5.5	.0	-.0	-.9
TOP	372.67	-4.3	-5.5	1441	2792	-3.0	-2.0	97	-77	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40° CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-20.5	10.9	2238	4588	-9.1	2.4	-16	-20	-6.7	75.3	-5.8	7.7	-9.4
5TH	24.67	-8.0	6.0	1554	2294	-5.2	2.6	-26	-35	13.7	64.3	-4.1	7.8	-8.6
6TH	37.00	-7.2	5.9	1554	2294	-4.7	2.6	-30	-36	21.8	58.3	-3.4	7.4	-8.1
7TH	49.33	-6.2	5.7	1554	2294	-4.0	2.5	-36	-38	29.0	52.4	-2.7	7.0	-7.7
8TH	61.67	-4.7	5.4	1554	2294	-3.1	2.4	-46	-41	35.2	46.6	-2.1	6.6	-7.3
9TH	74.00	-3.3	5.1	1554	2294	-2.1	2.2	-61	-40	39.9	41.3	-1.5	6.2	-6.8
10TH	86.33	-1.9	4.7	1554	2294	-1.2	2.1	-81	-33	43.3	36.2	-1.0	5.7	-6.4
11TH	98.67	.5	4.1	1554	2294	.3	1.8	-115	13	45.2	31.5	-.6	5.1	-5.9
12TH	111.00	1.3	3.9	1554	2294	.8	1.7	-103	34	44.7	27.4	-.3	4.6	-5.5
13TH	123.33	1.7	3.7	1554	2294	1.1	1.6	-90	42	43.4	23.5	.1	4.0	-5.0
14TH	135.66	2.2	3.6	1554	2294	1.4	1.5	-76	47	41.7	19.8	.3	3.5	-4.6
15TH	148.00	2.6	3.4	1554	2294	1.7	1.5	-62	48	39.5	16.2	.5	3.0	-4.2
16TH	160.33	3.1	3.2	1554	2294	2.0	1.4	-49	47	36.9	12.8	.7	2.5	-3.9
17TH	172.66	3.5	3.0	1554	2294	2.3	1.3	-37	43	33.8	9.6	.9	2.1	-3.6
18TH	185.00	3.6	2.8	1554	2294	2.3	1.2	-33	42	30.2	6.6	1.0	1.7	-3.3
19TH	197.33	3.4	2.5	1554	2294	2.2	1.1	-33	45	26.7	3.8	1.0	1.4	-3.1
20TH	209.66	3.2	2.2	1554	2294	2.0	.9	-32	48	23.3	1.3	1.1	1.0	-2.8
21ST	222.00	3.0	1.8	1554	2294	1.9	.8	-32	51	20.1	-.9	1.1	.8	-2.6
22ND	234.33	2.8	1.5	1554	2294	1.8	.7	-30	55	17.1	-2.7	1.0	.5	-2.4
23RD	246.66	2.6	1.2	1554	2294	1.7	.5	-28	59	14.4	-4.2	1.0	.4	-2.2
24TH	258.99	2.4	.9	1554	2294	1.6	.4	-25	63	11.8	-5.5	.9	.2	-2.0
25TH	271.33	2.5	.9	1554	2294	1.6	.4	-23	61	9.4	-6.4	.9	.1	-1.9
26TH	283.66	2.5	.9	1554	2294	1.6	.4	-20	58	6.9	-7.3	.8	-.0	-1.7
27TH	295.99	2.6	.9	1554	2294	1.7	.4	-18	55	4.4	-8.2	.7	-.1	-1.5
28TH	308.33	2.6	.9	1554	2294	1.7	.4	-18	54	1.8	-9.1	.6	-.1	-1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	2.3	1.3	1554	2294	1.5	.6	-36	64	-1.8	-9.9	.5	-.2	-1.2
30TH	332.99	1.9	1.7	1554	2294	1.3	.7	-58	67	-3.1	-11.2	.3	-.1	-1.0
31ST	345.33	-1.8	-5.9	1264	2294	-1.4	-2.6	54	-16	-5.1	-12.9	.2	-.1	-.8
32ND	357.66	-3.3	-7.0	1441	2792	-2.3	-2.5	51	-24	-3.3	-7.0	.1	-.0	-.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 50° CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-25.5	5.7	2238	4588	-11.4	1.2	-7	-33	-91.6	242.0	-53.0	-5	-15.3
5TH	24.67	-12.6	3.4	1554	2294	-8.1	1.5	-11	-41	-66.1	236.3	-47.1	1.4	-14.4
6TH	37.00	-12.3	3.6	1554	2294	-7.9	1.6	-13	-45	-53.5	232.8	-44.2	2.1	-13.8
7TH	49.33	-11.7	3.8	1554	2294	-7.6	1.6	-16	-49	-41.2	229.3	-41.4	2.7	-13.2
8TH	61.67	-11.1	4.1	1554	2294	-7.1	1.8	-19	-52	-29.5	225.5	-38.6	3.2	-12.6
9TH	74.00	-10.4	4.3	1554	2294	-6.7	1.9	-23	-55	-18.4	221.5	-35.8	3.4	-11.9
10TH	86.33	-9.7	4.6	1554	2294	-6.3	2.0	-28	-58	-8.0	217.1	-33.1	3.6	-11.3
11TH	98.67	-7.3	3.2	1554	2294	-4.7	1.4	-42	-97	1.7	212.5	-30.5	3.7	-10.6
12TH	111.00	-5.8	4.2	1554	2294	-3.7	1.8	-68	-93	9.0	209.3	-27.9	3.6	-9.7
13TH	123.33	-4.6	5.6	1554	2294	-2.9	2.5	-83	-67	14.8	205.1	-25.3	3.4	-8.9
14TH	135.66	-3.4	7.1	1554	2294	-2.2	3.1	-84	-40	19.4	199.5	-22.8	3.2	-8.1
15TH	148.00	-2.1	8.5	1554	2294	-1.4	3.7	-75	-19	22.8	192.4	-20.4	3.0	-7.4
16TH	160.33	-0.9	9.9	1554	2294	-0.6	4.3	-63	-6	24.9	183.9	-18.1	2.7	-6.7
17TH	172.66	.3	11.3	1554	2294	.2	4.9	-51	1	25.8	174.0	-15.9	2.4	-6.1
18TH	185.00	1.0	11.9	1554	2294	.6	5.2	-44	4	25.5	162.7	-13.8	2.0	-5.5
19TH	197.33	1.3	12.1	1554	2294	.8	5.3	-41	4	24.5	150.8	-11.9	1.7	-5.0
20TH	209.66	1.6	12.2	1554	2294	1.0	5.3	-37	5	23.2	138.7	-10.1	1.4	-4.5
21ST	222.00	2.0	12.3	1554	2294	1.3	5.4	-33	5	21.6	126.5	-8.4	1.2	-4.0
22ND	234.33	2.3	12.5	1554	2294	1.5	5.4	-30	6	19.6	114.2	-7.0	.9	-3.6
23RD	246.66	2.6	12.6	1554	2294	1.7	5.5	-27	6	17.3	101.7	-5.6	.7	-3.2
24TH	258.99	2.9	12.6	1554	2294	1.9	5.5	-24	6	14.7	89.1	-4.4	.5	-2.9
25TH	271.33	2.7	11.9	1554	2294	1.8	5.2	-26	6	11.8	76.5	-3.4	.3	-2.5
26TH	283.66	2.5	11.2	1554	2294	1.6	4.9	-29	7	9.0	64.6	-2.6	.2	-2.2
27TH	295.99	2.4	10.5	1554	2294	1.5	4.6	-32	7	6.5	53.4	-1.8	.1	-1.9
28TH	308.33	2.2	9.8	1554	2294	1.4	4.3	-35	8	4.1	42.9	-1.2	.0	-1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 50		CONFIGURATION A				TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE						GUST FACTOR 1.32		
						REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEH (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	1.7	9.7	1554	2294	1.1	4.2	-38	7	2.0	33.0	- .8	- .0	-1.2
30TH	332.99	1.3	9.5	1554	2294	.8	4.1	-41	6	.3	23.4	- .4	- .0	- .8
31ST	345.33	- .4	6.0	1264	2294	- .4	2.6	-34	-3	-1.0	13.8	- .2	- .0	- .4
32ND	357.66	- .6	7.8	1441	2792	- .4	2.8	-22	-2	- .6	7.8	- .1	- .0	- .2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-194.9	387.8	-96.6	-21.2	-28.0
5TH	24.67	-28.3	2.2	2238	4588	-12.6	.5	-3	-40	-166.6	385.6	-87.1	-16.8	-26.9
6TH	37.00	-15.7	1.6	1554	2294	-10.1	.7	-5	-45	-150.8	383.9	-82.3	-14.8	-26.2
7TH	49.33	-15.6	2.1	1554	2294	-10.0	.9	-6	-47	-135.2	381.8	-77.6	-13.0	-25.4
8TH	61.67	-15.2	2.7	1554	2294	-9.8	1.2	-9	-50	-120.0	379.1	-72.9	-11.5	-24.6
9TH	74.00	-14.4	3.4	1554	2294	-9.3	1.5	-12	-52	-105.6	375.7	-68.2	-10.1	-23.9
10TH	86.33	-13.7	4.1	1554	2294	-8.8	1.8	-16	-53	-91.9	371.5	-63.6	-8.9	-23.1
11TH	98.67	-12.9	4.8	1554	2294	-8.3	2.1	-20	-54	-79.0	366.7	-59.1	-7.8	-22.3
12TH	111.00	-10.9	3.0	1554	2294	-7.0	1.3	-24	-89	-68.0	363.7	-54.6	-6.9	-21.2
13TH	123.33	-9.4	4.5	1554	2294	-6.1	2.0	-44	-92	-58.6	359.2	-50.1	-6.1	-20.1
14TH	135.66	-8.1	6.6	1554	2294	-5.2	2.9	-63	-78	-50.4	352.6	-45.7	-5.4	-19.1
15TH	148.00	-6.9	8.7	1554	2294	-4.4	3.8	-73	-58	-43.6	343.9	-41.4	-4.9	-18.1
16TH	160.33	-5.6	10.7	1554	2294	-3.6	4.7	-74	-39	-38.0	333.2	-37.3	-4.4	-17.1
17TH	172.66	-4.3	12.8	1554	2294	-2.8	5.6	-70	-23	-33.7	320.4	-33.2	-3.9	-16.1
18TH	185.00	-3.0	14.9	1554	2294	-1.9	6.5	-63	-13	-30.7	305.5	-29.4	-3.5	-15.1
19TH	197.33	-2.3	16.2	1554	2294	-1.5	7.1	-59	-8	-28.4	289.3	-25.7	-3.2	-14.1
20TH	209.66	-2.0	17.2	1554	2294	-1.3	7.5	-56	-6	-26.4	272.1	-22.2	-2.8	-13.1
21ST	222.00	-1.6	18.2	1554	2294	-1.0	7.9	-54	-5	-24.8	253.9	-19.0	-2.5	-12.1
22ND	234.33	-1.2	19.2	1554	2294	-.8	8.4	-52	-3	-23.6	234.7	-16.0	-2.2	-11.1
23RD	246.66	-.8	20.1	1554	2294	-.5	8.8	-50	-2	-22.8	214.6	-13.2	-1.9	-10.1
24TH	258.99	-.5	21.1	1554	2294	-.3	9.2	-48	-1	-22.3	193.5	-10.7	-1.6	-9.1
25TH	271.33	-.2	21.9	1554	2294	-.2	9.6	-47	-1	-22.1	171.5	-8.5	-1.4	-8.1
26TH	283.66	-.8	21.9	1554	2294	-.5	9.6	-49	-2	-21.2	149.6	-6.5	-1.1	-7.0
27TH	295.99	-1.4	21.9	1554	2294	-.9	9.5	-51	-3	-19.8	127.7	-4.8	-.8	-5.9
28TH	308.33	-2.0	21.9	1554	2294	-1.3	9.5	-52	-5	-17.8	105.9	-3.3	-.6	-4.7
		-2.7	21.8	1554	2294	-1.7	9.5	-54	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE														
WIND DIRECTION 60		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-3.4	20.8	1554	2294	-2.2	9.1	-58	-9	-15.1	84.1	-2.2	-4	-3.6
30TH	332.99	-4.1	19.9	1554	2294	-2.7	8.7	-62	-13	-11.7	63.3	-1.2	-2	-2.3
31ST	345.33	-1.5	20.2	1264	2294	-1.2	8.8	-21	-2	-7.6	43.4	-1.6	-1.1	-1.0
32ND	357.66	-6.0	23.2	1441	2792	-4.2	8.3	-25	-6	-6.0	23.2	-1.2	-1.0	-1.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-30.5	9.9	2238	4588	-13.6	2.2	-11	-35	-262.1	526.4	-129.7	-33.3	-29.6
5TH	24.67	-17.2	5.1	1554	2294	-11.1	2.2	-11	-38	-231.6	516.5	-116.8	-27.2	-28.5
6TH	37.00	-17.0	5.3	1554	2294	-10.9	2.3	-13	-41	-214.4	511.4	-110.5	-24.5	-27.7
7TH	49.33	-16.7	5.7	1554	2294	-10.7	2.5	-15	-43	-197.5	506.0	-104.2	-21.9	-27.0
8TH	61.67	-16.3	6.2	1554	2294	-10.5	2.7	-17	-45	-180.8	500.3	-98.0	-19.6	-26.2
9TH	74.00	-15.9	6.6	1554	2294	-10.2	2.9	-19	-46	-164.5	494.2	-91.8	-17.5	-25.3
10TH	86.33	-15.5	7.1	1554	2294	-9.9	3.1	-21	-46	-148.7	487.5	-85.8	-15.5	-24.5
11TH	98.67	-13.9	4.9	1554	2294	-8.9	2.1	-26	-74	-133.2	480.4	-79.8	-13.8	-23.6
12TH	111.00	-12.4	6.3	1554	2294	-8.0	2.8	-39	-76	-119.4	475.5	-73.9	-12.3	-22.5
13TH	123.33	-11.2	8.4	1554	2294	-7.2	3.7	-51	-68	-106.9	469.2	-68.1	-10.9	-21.3
14TH	135.66	-9.9	10.5	1554	2294	-6.4	4.6	-60	-56	-95.8	460.8	-62.4	-9.6	-20.1
15TH	148.00	-8.6	12.6	1554	2294	-5.5	5.5	-64	-44	-85.9	450.3	-56.7	-8.5	-18.9
16TH	160.33	-7.3	14.7	1554	2294	-4.7	6.4	-64	-32	-77.3	437.7	-51.3	-7.5	-17.7
17TH	172.66	-6.0	16.8	1554	2294	-3.9	7.3	-62	-22	-70.0	423.0	-46.0	-6.6	-16.6
18TH	185.00	-5.4	18.6	1554	2294	-3.5	8.1	-58	-17	-64.0	406.3	-40.9	-5.7	-15.4
19TH	197.33	-5.1	20.2	1554	2294	-3.3	8.8	-54	-14	-58.6	387.7	-36.0	-5.0	-14.2
20TH	209.66	-4.8	21.8	1554	2294	-3.1	9.5	-51	-11	-53.6	367.5	-31.3	-4.3	-13.0
21ST	222.00	-4.5	23.5	1554	2294	-2.9	10.2	-48	-9	-48.8	345.7	-26.9	-3.7	-11.9
22ND	234.33	-4.2	25.1	1554	2294	-2.7	10.9	-45	-7	-44.3	322.2	-22.8	-3.1	-10.7
23RD	246.66	-3.9	26.7	1554	2294	-2.5	11.6	-43	-6	-40.2	297.1	-19.0	-2.6	-9.5
24TH	258.99	-3.6	28.2	1554	2294	-2.3	12.3	-40	-5	-36.3	270.4	-15.5	-2.1	-8.4
25TH	271.33	-3.7	28.6	1554	2294	-2.4	12.5	-39	-5	-32.7	242.3	-12.3	-1.7	-7.2
26TH	283.66	-3.8	29.1	1554	2294	-2.5	12.7	-39	-5	-29.0	213.6	-9.5	-1.3	-6.1
27TH	295.99	-3.9	29.6	1554	2294	-2.5	12.9	-38	-5	-25.1	184.5	-7.0	-1.0	-4.9
28TH	308.33	-4.1	30.0	1554	2294	-2.6	13.1	-37	-5	-21.2	154.9	-4.9	-.7	-3.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-4.5	30.0	1554	2294	-2.9	13.1	-36	-5	-17.1	124.9	-3.2	-.4	-2.7
30TH	332.99	-5.0	29.9	1554	2294	-3.2	13.1	-35	-6	-12.6	94.9	-1.9	-.3	-1.6
31ST	345.33	-1.4	30.4	1264	2294	-1.1	13.2	-6	-0	-7.6	65.0	-.9	-.1	-.5
32ND	357.66	-6.1	34.6	1441	2792	-4.3	12.4	-8	-2	-6.1	34.6	-.3	-.0	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 89

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-131.3	579.1	-147.5	-4.7	-12.0
5TH	24.67	-27.7	5.5	2238	4588	-12.4	1.2	-7	-34	-103.6	573.6	-133.3	-1.8	-11.1
6TH	37.00	-15.2	3.3	1554	2294	-9.8	1.4	-8	-36	-88.3	570.3	-126.3	-.7	-10.5
7TH	49.33	-14.8	3.8	1554	2294	-9.5	1.6	-10	-38	-73.5	566.6	-119.3	.3	-9.9
8TH	61.67	-14.2	4.2	1554	2294	-9.2	1.9	-12	-40	-59.3	562.3	-112.3	1.2	-9.3
9TH	74.00	-13.5	4.8	1554	2294	-8.7	2.1	-15	-42	-45.8	557.5	-105.4	1.8	-8.7
10TH	86.33	-12.8	5.3	1554	2294	-8.2	2.3	-18	-43	-33.0	552.2	-98.6	2.3	-8.0
11TH	98.67	-12.0	5.9	1554	2294	-7.7	2.6	-21	-44	-21.0	546.3	-91.8	2.6	-7.4
12TH	111.00	-10.2	5.1	1554	2294	-6.6	2.2	-31	-62	-10.8	541.3	-85.1	2.8	-6.6
13TH	123.33	-8.7	7.0	1554	2294	-5.6	3.0	-43	-54	-2.1	534.3	-78.4	2.9	-5.8
14TH	135.66	-7.2	9.3	1554	2294	-4.7	4.1	-48	-37	5.1	525.0	-71.9	2.9	-5.1
15TH	148.00	-5.8	11.6	1554	2294	-3.7	5.1	-46	-23	10.9	513.3	-65.5	2.8	-4.4
16TH	160.33	-4.4	14.0	1554	2294	-2.8	6.1	-41	-13	15.3	499.3	-59.3	2.6	-3.8
17TH	172.66	-3.0	16.3	1554	2294	-1.9	7.1	-35	-6	18.3	483.0	-53.2	2.4	-3.2
18TH	185.00	-1.5	18.7	1554	2294	-1.0	8.1	-29	-2	19.8	464.4	-47.4	2.2	-2.7
19TH	197.33	-.7	20.7	1554	2294	-.4	9.0	-24	-1	20.5	443.7	-41.8	1.9	-2.2
20TH	209.66	-.1	22.5	1554	2294	-.1	9.8	-20	-0	20.6	421.2	-36.4	1.7	-1.7
21ST	222.00	.4	24.3	1554	2294	.3	10.6	-16	0	20.2	396.9	-31.4	1.4	-1.3
22ND	234.33	1.0	26.1	1554	2294	.6	11.4	-14	1	19.2	370.8	-26.6	1.2	-1.0
23RD	246.66	1.5	27.9	1554	2294	1.0	12.2	-11	1	17.6	342.9	-22.2	1.0	-.7
24TH	258.99	2.1	29.7	1554	2294	1.3	13.0	-9	1	15.6	313.1	-18.2	.8	-.4
25TH	271.33	2.5	31.4	1554	2294	1.6	13.7	-7	1	13.0	281.7	-14.5	.6	-.2
26TH	283.66	2.2	32.1	1554	2294	1.4	14.0	-6	0	10.8	249.6	-11.3	.4	.0
27TH	295.99	1.9	32.9	1554	2294	1.2	14.3	-5	0	8.9	216.7	-8.4	.3	.2
28TH	308.33	1.7	33.6	1554	2294	1.1	14.6	-4	0	7.2	183.2	-5.9	.2	.3
		1.4	34.3	1554	2294	.9	15.0	-4	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 80

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	1.7	35.1	1554	2294	1.1	15.3	-3	0	5.8	148.9	-3.9	.1	.5
30TH	332.99	1.9	36.0	1554	2294	1.2	15.7	-3	0	4.1	113.7	-2.2	.1	.6
31ST	345.33	1.3	34.8	1264	2294	1.0	15.2	9	-0	2.2	77.8	-1.1	.0	.7
32ND	357.66	.9	42.9	1441	2792	.6	15.4	9	-0	.9	42.9	-.3	.0	.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90

TABOR CENTER. DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-71.0	680.7	-174.3	4.9	-4.3
5TH	24.67	-19.8	8.2	2238	4588	-8.9	1.8	-7	-18	-51.1	672.6	-157.6	6.4	-3.9
6TH	37.00	-11.7	4.4	1554	2294	-7.5	1.9	-7	-18	-39.5	668.1	-149.4	7.0	-3.7
7TH	49.33	-11.2	4.8	1554	2294	-7.2	2.1	-8	-19	-28.3	663.3	-141.2	7.4	-3.4
8TH	61.67	-10.7	5.2	1554	2294	-6.9	2.3	-10	-20	-17.6	658.1	-133.0	7.7	-3.2
9TH	74.00	-10.1	5.7	1554	2294	-6.5	2.5	-11	-20	-7.5	652.4	-124.9	7.9	-2.9
10TH	86.33	-9.6	6.1	1554	2294	-6.2	2.7	-13	-20	2.1	646.3	-116.9	7.9	-2.6
11TH	98.67	-9.0	6.6	1554	2294	-5.8	2.9	-15	-20	11.2	639.7	-109.0	7.8	-2.4
12TH	111.00	-8.0	6.3	1554	2294	-5.1	2.8	-21	-27	19.2	633.4	-101.1	7.6	-2.0
13TH	123.33	-6.9	8.2	1554	2294	-4.5	3.6	-23	-20	26.1	625.2	-93.4	7.3	-1.7
14TH	135.66	-5.9	10.2	1554	2294	-3.8	4.5	-22	-13	32.0	615.0	-85.7	7.0	-1.4
15TH	148.00	-4.9	12.3	1554	2294	-3.2	5.4	-19	-7	36.9	602.6	-78.2	6.6	-1.1
16TH	160.33	-3.9	14.4	1554	2294	-2.5	6.3	-15	-4	40.8	588.2	-70.9	6.1	-.9
17TH	172.66	-2.9	16.5	1554	2294	-1.8	7.2	-12	-2	43.7	571.7	-63.7	5.6	-.7
18TH	185.00	-1.8	18.6	1554	2294	-1.2	8.1	-9	-1	45.5	553.0	-56.8	5.0	-.5
19TH	197.33	-.9	21.3	1554	2294	-.6	9.3	-7	-0	46.5	531.7	-50.1	4.4	-.4
20TH	209.66	.0	24.4	1554	2294	.0	10.6	-5	0	46.5	507.3	-43.7	3.9	-.2
21ST	222.00	1.0	27.4	1554	2294	.6	12.0	-4	0	45.5	479.9	-37.6	3.3	-.1
22ND	234.33	1.9	30.5	1554	2294	1.2	13.3	-3	0	43.6	449.4	-31.9	2.7	-.0
23RD	246.66	2.9	33.5	1554	2294	1.9	14.6	-2	0	40.7	415.9	-26.5	2.2	.0
24TH	258.99	3.9	36.6	1554	2294	2.5	15.9	-1	0	36.8	379.3	-21.6	1.7	.1
25TH	271.33	4.7	39.3	1554	2294	3.0	17.1	-1	0	32.1	340.0	-17.2	1.3	.1
26TH	283.66	4.9	40.1	1554	2294	3.1	17.5	-1	0	27.2	299.9	-13.3	1.0	.1
27TH	295.99	5.0	40.9	1554	2294	3.2	17.8	-1	0	22.2	259.0	-9.8	.7	.2
28TH	308.33	5.2	41.7	1554	2294	3.3	18.2	-1	0	17.1	217.3	-6.9	.4	.2
		5.2	42.5	1554	2294	3.4	18.5	-1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE															
WIND DIRECTION 90		CONFIGURATION A								REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66									11.8	174.9	-4.5	.2	.3	
30TH	332.99	4.5	43.1	1554	2294	2.9	18.8	-2	0	7.3	131.8	-2.6	.1	.4	
31ST	345.33	3.8	43.6	1554	2294	2.4	19.0	-3	0	3.5	88.1	-1.2	.0	.5	
32ND	357.66	1.8	39.3	1264	2294	1.4	17.1	5	-0	1.7	48.8	-.4	.0	.3	
TOP	372.67	1.7	48.8	1441	2792	1.2	17.5	7	-0	0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-7.5	5.6	2238	4588	-3.4	1.2	-8	-10	1.0	682.4	-178.8	12.6	-1.0
5TH	24.67	-4.7	3.7	1554	2294	-3.0	1.6	-12	-15	8.5	676.8	-162.0	12.5	-1.9
6TH	37.00	-4.7	4.2	1554	2294	-3.0	1.8	-14	-15	13.2	673.1	-153.7	12.4	-1.8
7TH	49.33	-4.7	4.7	1554	2294	-3.0	2.0	-15	-15	17.9	668.9	-145.4	12.2	-1.7
8TH	61.67	-4.6	5.1	1554	2294	-3.0	2.2	-17	-15	22.5	664.2	-137.2	11.9	-1.5
9TH	74.00	-4.6	5.6	1554	2294	-3.0	2.4	-18	-15	27.2	659.1	-129.0	11.6	-1.4
10TH	86.33	-4.6	6.1	1554	2294	-3.0	2.6	-19	-14	31.8	653.5	-120.9	11.3	-1.2
11TH	98.67	-5.0	5.7	1554	2294	-3.2	2.5	-28	-24	36.4	647.4	-112.9	10.8	-1.0
12TH	111.00	-4.5	7.4	1554	2294	-2.9	3.2	-28	-17	41.4	641.7	-105.0	10.4	-.3
13TH	123.33	-3.8	9.4	1554	2294	-2.4	4.1	-25	-10	45.8	634.3	-97.1	9.8	.5
14TH	135.66	-3.1	11.4	1554	2294	-2.0	5.0	-22	-6	49.6	624.9	-89.3	9.2	.8
15TH	148.00	-2.4	13.4	1554	2294	-1.5	5.8	-19	-3	52.7	613.5	-81.7	8.6	1.1
16TH	160.33	-1.7	15.4	1554	2294	-1.1	6.7	-16	-2	55.1	600.1	-74.2	7.9	1.3
17TH	172.66	-1.0	17.4	1554	2294	-.7	7.6	-14	-1	56.8	584.7	-66.9	7.3	1.6
18TH	185.00	-.3	20.1	1554	2294	-.2	8.8	-10	-0	57.8	567.3	-59.8	6.5	1.8
19TH	197.33	.5	23.2	1554	2294	.3	10.1	-6	0	58.2	547.1	-52.9	5.8	2.0
20TH	209.66	1.4	26.4	1554	2294	.9	11.5	-3	0	57.6	523.9	-46.3	5.1	2.2
21ST	222.00	2.2	29.5	1554	2294	1.4	12.9	-0	0	56.3	497.5	-40.0	4.4	2.2
22ND	234.33	3.1	32.6	1554	2294	2.0	14.2	1	-0	54.0	468.0	-34.1	3.7	2.2
23RD	246.66	3.9	35.7	1554	2294	2.5	15.6	3	-0	51.0	435.4	-28.5	3.1	2.2
24TH	258.99	4.7	38.6	1554	2294	3.0	16.8	4	-1	47.0	399.7	-23.4	2.5	2.1
25TH	271.33	5.2	40.1	1554	2294	3.3	17.5	4	-1	42.3	361.1	-18.7	1.9	1.9
26TH	283.66	5.7	41.5	1554	2294	3.6	18.1	4	-1	37.1	321.0	-14.5	1.4	1.8
27TH	295.99	6.1	42.9	1554	2294	3.9	18.7	4	-1	31.4	279.5	-10.8	1.0	1.6
28TH	308.33	6.5	44.4	1554	2294	4.2	19.4	4	-1	25.3	236.6	-7.6	.7	1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 100		CONFIGURATION A				TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE						REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	6.3	46.4	1354	2294	4.0	20.2	4	-0	19.8	192.2	-4.9	.4	1.2	
30TH	332.99	6.0	48.3	1354	2294	3.8	21.0	3	-0	12.5	145.8	-2.8	.2	1.0	
31ST	345.33	2.8	43.6	1264	2294	2.2	19.0	9	-1	6.5	97.5	-1.3	.1	.9	
32ND	357.66	3.7	53.9	1441	2792	2.6	19.3	9	-1	3.7	53.9	-.4	.0	.5	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110 CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-13.0	763.0	-188.8	.6	1.7
5TH	24.67	-.8	9.3	2238	4588	-.3	2.0	-7	-1	-12.3	753.7	-170.1	.9	1.7
6TH	37.00	.0	6.6	1554	2294	.0	2.9	-20	0	-12.3	747.1	-160.8	1.1	1.9
7TH	49.33	-.3	7.4	1554	2294	-.2	3.2	-21	-1	-11.9	739.7	-151.7	1.2	2.0
8TH	61.67	-.6	8.2	1554	2294	-.4	3.6	-22	-2	-11.3	731.5	-142.6	1.4	2.2
9TH	74.00	-1.0	9.1	1554	2294	-.6	3.9	-22	-2	-10.3	722.5	-133.6	1.5	2.4
10TH	86.33	-1.3	9.9	1554	2294	-.8	4.3	-23	-3	-9.0	712.5	-124.8	1.6	2.6
11TH	98.67	-1.6	10.7	1554	2294	-1.1	4.7	-23	-3	-7.4	701.8	-116.1	1.7	2.9
12TH	111.00	-3.0	10.9	1554	2294	-1.9	4.7	-29	-8	-4.4	690.9	-107.5	1.8	3.2
13TH	123.33	-3.0	12.7	1554	2294	-2.0	5.5	-26	-6	-1.3	678.2	-99.0	1.8	3.6
14TH	135.66	-2.8	14.8	1554	2294	-1.8	6.5	-22	-4	1.4	663.4	-90.7	1.8	3.9
15TH	148.00	-2.5	16.9	1554	2294	-1.6	7.4	-19	-3	3.9	646.5	-82.7	1.8	4.2
16TH	160.33	-2.2	19.1	1554	2294	-1.4	8.3	-17	-2	6.2	627.4	-74.8	1.7	4.6
17TH	172.66	-2.0	21.2	1554	2294	-1.3	9.2	-15	-1	8.2	606.2	-67.2	1.6	4.9
18TH	185.00	-1.7	23.3	1554	2294	-1.1	10.1	-14	-1	9.9	583.0	-59.9	1.5	5.2
19TH	197.33	-1.5	25.5	1554	2294	-1.0	11.1	-10	-1	11.4	557.4	-52.8	1.4	5.5
20TH	209.66	-1.1	27.8	1554	2294	-.7	12.1	-5	-0	12.5	529.6	-46.1	1.3	5.6
21ST	222.00	-.6	30.2	1554	2294	-.4	13.1	-1	-0	13.1	499.5	-39.8	1.1	5.6
22ND	234.33	-.1	32.5	1554	2294	-.1	14.2	3	0	13.2	467.0	-33.8	.9	5.5
23RD	246.66	.3	34.8	1554	2294	.2	15.2	6	-0	12.9	432.2	-28.3	.8	5.3
24TH	258.99	.8	37.1	1554	2294	.5	16.2	8	-0	12.1	395.1	-23.2	.6	5.0
25TH	271.33	1.2	39.2	1554	2294	.8	17.1	10	-0	10.8	355.9	-18.6	.5	4.6
26TH	283.66	1.4	40.1	1554	2294	.9	17.5	11	-0	9.4	315.8	-14.4	.4	4.2
27TH	295.99	1.6	41.0	1554	2294	1.0	17.9	11	-0	7.9	274.7	-10.8	.3	3.7
28TH	308.33	1.7	41.9	1554	2294	1.1	18.3	12	-0	6.2	232.8	-7.6	.2	3.3
		1.9	42.8	1554	2294	1.2	18.7	12	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									4.3	190.0	-5.0	.1	2.7
30TH	332.99	1.6	43.5	1554	2294	1.0	18.9	11	-0	2.7	146.6	-3.0	.1	2.2
31ST	345.33	1.3	44.1	1554	2294	.8	19.2	11	-0	1.4	102.5	-1.4	.0	1.8
32ND	357.66	-.3	44.5	1264	2294	-.2	19.4	17	0	1.7	58.0	-.4	.0	1.0
TOP	372.67	1.7	58.0	1441	2792	1.2	20.8	17	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-3.8	13.3	2238	4588	-1.7	2.9	-3	-1	-70.7	654.0	-152.1	-15.0	-2.8
5TH	24.67	-1.1	8.4	1554	2294	-1.1	3.7	-24	-0	-66.9	640.6	-136.2	-13.3	-2.8
6TH	37.00	-1.3	9.2	1554	2294	-1.2	4.0	-23	-1	-66.8	632.2	-128.3	-12.4	-2.6
7TH	49.33	-1.6	10.1	1554	2294	-1.4	4.4	-22	-1	-66.5	623.0	-120.6	-11.6	-2.4
8TH	61.67	-1.9	10.9	1554	2294	-1.6	4.8	-21	-2	-65.9	612.9	-113.0	-10.8	-2.1
9TH	74.00	-1.2	11.8	1554	2294	-1.8	5.1	-21	-2	-65.0	602.0	-105.5	-10.0	-1.9
10TH	86.33	-1.6	12.6	1554	2294	-1.0	5.5	-20	-2	-63.8	590.2	-98.1	-9.2	-1.7
11TH	98.67	-2.6	12.8	1554	2294	-1.6	5.6	-25	-5	-62.2	577.6	-90.9	-8.4	-1.4
12TH	111.00	-2.8	14.2	1554	2294	-1.8	6.2	-22	-4	-59.7	564.8	-83.9	-7.7	-1.1
13TH	123.33	-2.9	15.6	1554	2294	-1.8	6.8	-20	-4	-56.9	550.7	-77.0	-7.0	-.7
14TH	135.66	-2.9	17.1	1554	2294	-1.9	7.4	-17	-3	-54.0	535.0	-70.3	-6.3	-.4
15TH	148.00	-3.0	18.5	1554	2294	-1.9	8.1	-15	-2	-51.1	518.0	-63.8	-5.6	-.1
16TH	160.33	-3.0	20.0	1554	2294	-1.9	8.7	-14	-2	-48.2	499.4	-57.5	-5.0	.2
17TH	172.66	-3.1	21.5	1554	2294	-2.0	9.4	-12	-2	-45.2	479.4	-51.5	-4.4	.4
18TH	185.00	-3.1	22.9	1554	2294	-2.0	10.0	-9	-1	-42.1	457.9	-45.7	-3.9	.7
19TH	197.33	-3.0	24.2	1554	2294	-1.9	10.6	-6	-1	-39.0	435.1	-40.2	-3.4	.9
20TH	209.66	-2.9	25.6	1554	2294	-1.9	11.1	-3	-0	-36.0	410.9	-35.0	-2.9	1.1
21ST	222.00	-2.9	26.9	1554	2294	-1.8	11.7	-0	-0	-33.0	385.3	-30.1	-2.5	1.2
22ND	234.33	-2.8	28.3	1554	2294	-1.8	12.3	2	0	-30.2	358.4	-25.5	-2.1	1.2
23RD	246.66	-2.7	29.6	1554	2294	-1.7	12.9	4	0	-27.4	330.1	-21.2	-1.8	1.1
24TH	258.99	-2.6	30.8	1554	2294	-1.7	13.4	6	0	-24.7	300.5	-17.4	-1.4	1.0
25TH	271.33	-2.6	31.3	1554	2294	-1.7	13.7	5	0	-22.1	269.7	-13.8	-1.2	.8
26TH	283.66	-2.5	31.8	1554	2294	-1.6	13.9	4	0	-19.5	238.4	-10.7	-.9	.7
27TH	295.99	-2.5	32.3	1554	2294	-1.6	14.1	3	0	-17.0	206.5	-8.0	-.7	.5
28TH	308.33	-2.4	32.8	1554	2294	-1.6	14.3	2	0	-14.5	174.2	-5.6	-.5	.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									-12.0	141.4	-3.7	-.3	.3
30TH	332.99	-2.5	33.5	1554	2294	-1.6	14.6	1	0	-9.5	107.9	-2.1	-.2	.3
31ST	345.33	-2.7	34.1	1554	2294	-1.7	14.9	0	0	-6.8	73.9	-1.0	-.1	.3
32ND	357.66	-3.5	32.9	1264	2294	-2.8	14.4	4	0	-3.3	40.9	-.3	-.0	.1
TOP	372.67	-3.3	40.9	1441	2792	-2.3	14.7	4	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-78.0	566.7	-133.6	-15.8	-5.5
5TH	24.67	-3.1	9.3	2238	4588	-1.4	2.0	1	0	-74.9	557.4	-119.7	-13.9	-5.5
6TH	37.00	-1.2	6.7	1554	2294	-0.8	2.9	-14	-2	-73.7	550.7	-112.9	-13.0	-5.5
7TH	49.33	-1.3	7.8	1554	2294	-0.9	3.4	-16	-3	-72.3	542.9	-106.1	-12.1	-5.3
8TH	61.67	-1.5	9.0	1554	2294	-1.0	3.9	-17	-3	-70.8	533.9	-99.5	-11.2	-5.2
9TH	74.00	-1.8	10.2	1554	2294	-1.1	4.4	-18	-3	-69.0	523.7	-93.0	-10.3	-5.0
10TH	86.33	-2.0	11.4	1554	2294	-1.3	5.0	-18	-3	-67.0	512.3	-86.6	-9.5	-4.8
11TH	98.67	-2.2	12.6	1554	2294	-1.4	5.5	-19	-3	-64.8	499.7	-80.3	-8.7	-4.5
12TH	111.00	-2.4	13.6	1554	2294	-1.6	5.9	-20	-4	-62.4	486.1	-74.3	-7.9	-4.3
13TH	123.33	-2.6	14.2	1554	2294	-1.7	6.2	-18	-3	-59.8	472.0	-68.3	-7.1	-4.0
14TH	135.66	-2.7	14.7	1554	2294	-1.7	6.4	-17	-3	-57.1	457.3	-62.6	-6.4	-3.7
15TH	148.00	-2.8	15.3	1554	2294	-1.8	6.7	-15	-3	-54.3	441.9	-57.1	-5.7	-3.5
16TH	160.33	-3.0	15.9	1554	2294	-1.9	6.9	-14	-3	-51.3	426.0	-51.7	-5.1	-3.3
17TH	172.66	-3.1	16.5	1554	2294	-2.0	7.2	-13	-2	-48.2	409.5	-46.6	-4.5	-3.0
18TH	185.00	-3.2	17.1	1554	2294	-2.1	7.4	-12	-2	-45.0	392.5	-41.6	-3.9	-2.8
19TH	197.33	-3.3	17.8	1554	2294	-2.1	7.8	-11	-2	-41.7	374.7	-36.9	-3.4	-2.6
20TH	209.66	-3.3	18.5	1554	2294	-2.1	8.1	-10	-2	-38.4	356.1	-32.4	-2.9	-2.5
21ST	222.00	-3.3	19.3	1554	2294	-2.1	8.4	-9	-2	-35.1	336.8	-28.1	-2.4	-2.3
22ND	234.33	-3.4	20.1	1554	2294	-2.2	8.8	-8	-1	-31.7	316.7	-24.1	-2.0	-2.1
23RD	246.66	-3.4	20.9	1554	2294	-2.2	9.1	-8	-1	-28.3	295.9	-20.3	-1.6	-1.9
24TH	258.99	-3.4	21.6	1554	2294	-2.2	9.4	-7	-1	-24.9	274.3	-16.8	-1.3	-1.8
25TH	271.33	-3.4	22.6	1554	2294	-2.2	9.8	-7	-1	-21.5	251.7	-13.5	-1.0	-1.6
26TH	283.66	-3.3	24.4	1554	2294	-2.1	10.6	-7	-1	-18.3	227.3	-10.6	-0.8	-1.4
27TH	295.99	-3.1	26.3	1554	2294	-2.0	11.5	-8	-1	-15.2	201.0	-7.9	-0.6	-1.2
28TH	308.33	-2.9	28.1	1554	2294	-1.9	12.3	-8	-1	-12.3	172.8	-5.6	-0.4	-1.0
		-2.7	30.1	1554	2294	-1.7	13.1	-8	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 130		CONFIGURATION A				TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE						GUST FACTOR 1.32		
						REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-2.2	33.0	1554	2294	-1.4	14.4	-8	-0	-9.6	142.7	-3.7	-.3	-.8
30TH	332.99	-1.7	35.9	1554	2294	-1.1	15.7	-7	-0	-7.4	109.7	-2.1	-.2	-.5
31ST	345.33	-2.9	33.4	1264	2294	-2.3	14.5	-5	-0	-5.8	73.8	-1.0	-.1	-.2
32ND	357.66	-2.9	40.4	1441	2792	-2.0	14.5	-2	-0	-2.9	40.4	-.3	-.0	-.1
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-63.7	878.0	-209.9	-17.3	-12.0
5TH	24.67	3.2	8.1	2238	4588	1.5	1.8	-7	3	-66.9	869.9	-188.4	-15.6	-11.9
6TH	37.00	1.1	7.0	1554	2294	.7	3.1	-20	3	-68.1	862.9	-177.7	-14.8	-11.8
7TH	49.33	.8	8.9	1554	2294	.5	3.9	-21	2	-68.9	853.9	-167.1	-14.0	-11.6
8TH	61.67	.5	10.9	1554	2294	.3	4.7	-22	1	-69.5	843.0	-156.7	-13.1	-11.4
9TH	74.00	.2	12.9	1554	2294	.1	5.6	-22	0	-69.6	830.2	-146.3	-12.3	-11.1
10TH	86.33	-.2	14.8	1554	2294	-.1	6.5	-22	-0	-69.5	815.3	-136.2	-11.4	-10.7
11TH	98.67	-.5	16.8	1554	2294	-.3	7.3	-22	-1	-69.0	798.5	-126.2	-10.5	-10.4
12TH	111.00	-1.4	19.2	1554	2294	-.9	8.4	-19	-1	-67.5	779.3	-116.5	-9.7	-10.0
13TH	123.33	-1.7	20.7	1554	2294	-1.1	9.0	-17	-1	-65.8	758.7	-107.0	-8.9	-9.6
14TH	135.66	-1.8	22.2	1554	2294	-1.2	9.7	-16	-1	-64.0	736.5	-97.8	-8.1	-9.3
15TH	148.00	-1.9	23.7	1554	2294	-1.2	10.3	-15	-1	-62.1	712.8	-88.9	-7.3	-8.9
16TH	160.33	-2.0	25.1	1554	2294	-1.3	11.0	-15	-1	-60.1	687.7	-80.2	-6.5	-8.5
17TH	172.66	-2.1	26.6	1554	2294	-1.4	11.6	-14	-1	-58.0	661.1	-71.9	-5.8	-8.2
18TH	185.00	-2.2	28.1	1554	2294	-1.4	12.3	-13	-1	-55.8	632.9	-63.9	-5.1	-7.8
19TH	197.33	-2.4	29.9	1554	2294	-1.5	13.0	-13	-1	-53.4	603.0	-56.3	-4.4	-7.4
20TH	209.66	-2.9	31.9	1554	2294	-1.8	13.9	-13	-1	-50.6	571.1	-49.1	-3.8	-7.0
21ST	222.00	-3.3	33.9	1554	2294	-2.1	14.8	-13	-1	-47.2	537.2	-42.2	-3.2	-6.5
22ND	234.33	-3.8	35.9	1554	2294	-2.4	15.7	-13	-1	-43.4	501.2	-35.8	-2.6	-6.0
23RD	246.66	-4.3	37.9	1554	2294	-2.7	16.5	-13	-1	-39.2	463.3	-29.9	-2.1	-5.5
24TH	258.99	-4.7	39.9	1554	2294	-3.0	17.4	-13	-2	-34.4	423.4	-24.4	-1.7	-5.0
25TH	271.33	-5.2	41.8	1554	2294	-3.3	18.2	-13	-2	-29.3	381.5	-19.5	-1.3	-4.4
26TH	283.66	-4.9	43.3	1554	2294	-3.2	18.9	-13	-1	-24.4	338.2	-15.0	-1.0	-3.9
27TH	295.99	-4.5	44.7	1554	2294	-2.9	19.5	-13	-1	-19.8	293.5	-11.1	-.7	-3.3
28TH	308.33	-4.2	46.2	1554	2294	-2.7	20.1	-13	-1	-15.6	247.3	-7.8	-.5	-2.7
		-3.8	47.6	1554	2294	-2.5	20.8	-12	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE								GUST FACTOR 1.32		
WIND DIRECTION 140				CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF						
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-3.2	49.3	1554	2294	-2.0	21.5	-12	-1	-11.8	199.7	-5.0	-.3	-2.1
30TH	332.99	-2.5	50.9	1554	2294	-1.6	22.2	-11	-1	-8.6	150.4	-2.9	-.2	-1.5
31ST	345.33	-3.6	47.3	1264	2294	-2.8	20.6	-10	-1	-6.2	99.5	-1.3	-.1	-.9
32ND	357.66	-2.6	52.2	1441	2792	-1.8	18.7	-9	-0	-2.6	52.2	-.4	-.0	-.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									.2	1277.2	-306.9	-4.9	-9.7
5TH	24.67	9.8	12.5	2238	4588	4.4	2.7	8	-6	-9.6	1264.7	-275.5	-4.8	-9.9
6TH	37.00	5.2	10.8	1554	2294	3.4	4.7	-5	2	-14.8	1253.9	-260.0	-4.7	-9.8
7TH	49.33	4.7	13.2	1554	2294	3.0	5.7	-9	3	-19.5	1240.8	-244.6	-4.5	-9.7
8TH	61.67	4.0	15.7	1554	2294	2.6	6.8	-12	3	-23.5	1225.0	-229.4	-4.2	-9.5
9TH	74.00	3.3	18.3	1554	2294	2.1	8.0	-14	3	-26.8	1206.7	-214.4	-3.9	-9.2
10TH	86.33	2.6	21.0	1554	2294	1.7	9.1	-15	2	-29.4	1185.7	-199.7	-3.5	-8.9
11TH	98.67	1.9	23.6	1554	2294	1.2	10.3	-16	1	-31.2	1162.1	-185.2	-3.2	-8.5
12TH	111.00	.1	26.6	1554	2294	.0	11.6	-15	0	-31.3	1135.5	-171.0	-2.8	-8.1
13TH	123.33	-.7	28.9	1554	2294	-.4	12.6	-13	-0	-30.6	1106.5	-157.2	-2.4	-7.7
14TH	135.66	-1.1	31.2	1554	2294	-.7	13.6	-11	-0	-29.5	1075.4	-143.8	-2.0	-7.4
15TH	148.00	-1.6	33.4	1554	2294	-1.0	14.6	-10	-0	-27.9	1041.9	-130.7	-1.7	-7.1
16TH	160.33	-2.0	35.7	1554	2294	-1.3	15.5	-9	-0	-25.9	1006.3	-118.1	-1.3	-6.7
17TH	172.66	-2.5	37.9	1554	2294	-1.6	16.5	-8	-1	-23.4	968.4	-105.9	-1.0	-6.4
18TH	185.00	-2.9	40.1	1554	2294	-1.9	17.5	-7	-1	-20.5	928.3	-94.2	-.8	-6.2
19TH	197.33	-3.0	42.9	1554	2294	-1.9	18.7	-7	-0	-17.5	885.3	-83.0	-.5	-5.9
20TH	209.66	-2.9	46.1	1554	2294	-1.9	20.1	-7	-0	-14.6	839.2	-72.4	-.3	-5.5
21ST	222.00	-2.8	49.3	1554	2294	-1.8	21.5	-7	-0	-11.8	790.0	-62.3	-.2	-5.2
22ND	234.33	-2.7	52.4	1554	2294	-1.8	22.8	-7	-0	-9.0	737.6	-52.9	-.0	-4.8
23RD	246.66	-2.6	55.6	1554	2294	-1.7	24.2	-7	-0	-6.4	682.0	-44.2	.1	-4.4
24TH	258.99	-2.5	58.7	1554	2294	-1.6	25.6	-7	-0	-3.9	623.3	-36.1	.1	-4.0
25TH	271.33	-2.4	61.7	1554	2294	-1.5	26.9	-7	-0	-1.5	561.6	-28.8	.2	-3.6
26TH	283.66	-1.9	63.6	1554	2294	-1.2	27.7	-7	-0	.4	498.0	-22.3	.2	-3.1
27TH	295.99	-1.4	65.5	1554	2294	-.9	28.5	-7	-0	1.8	432.5	-16.5	.1	-2.6
28TH	308.33	-.9	67.4	1554	2294	-.6	29.4	-7	-0	2.7	365.2	-11.6	.1	-2.1
		-.4	69.3	1554	2294	-.2	30.2	-7	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 150														
TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE REFERENCE PRESSURE 22.0 PSF														
CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	.4	71.4	1554	2294	.2	31.1	-7	0	3.0	295.9	-7.5	.1	-1.6
30TH	332.99	1.1	73.6	1554	2294	.7	32.1	-7	0	2.7	224.5	-4.3	.1	-1.1
31ST	345.33	.5	72.0	1264	2294	.4	31.4	-4	0	1.6	150.9	-2.0	.0	-.6
32ND	357.66	1.1	78.9	1441	2792	.8	28.3	-4	0	1.1	78.9	-.6	.0	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									138.6	1052.8	-257.2	28.8	-7.7
5TH	24.67	8.5	4.2	2238	4588	3.8	.9	-9	1	130.0	1048.6	-231.3	25.5	-7.7
6TH	37.00	4.7	6.6	1554	2294	3.0	2.9	-9	6	125.3	1042.1	-218.4	23.9	-7.6
7TH	49.33	4.6	9.2	1554	2294	3.0	4.0	-12	6	120.7	1032.9	-205.6	22.4	-7.5
8TH	61.67	4.6	11.8	1554	2294	3.0	5.1	-14	5	116.1	1021.1	-193.0	20.9	-7.3
9TH	74.00	4.7	14.4	1554	2294	3.0	6.3	-15	5	111.4	1006.7	-180.5	19.5	-7.1
10TH	86.33	4.8	17.0	1554	2294	3.1	7.4	-16	5	106.6	989.7	-168.2	18.2	-6.8
11TH	98.67	5.0	19.6	1554	2294	3.2	8.6	-16	4	101.6	970.1	-156.1	16.9	-6.4
12TH	111.00	3.1	22.1	1554	2294	2.0	9.6	-17	2	98.5	948.0	-144.2	15.6	-6.1
13TH	123.33	2.7	23.9	1554	2294	1.7	10.4	-15	2	95.8	924.1	-132.7	14.4	-5.7
14TH	135.66	2.8	25.7	1554	2294	1.8	11.2	-13	1	93.0	898.4	-121.5	13.3	-5.4
15TH	148.00	2.9	27.6	1554	2294	1.9	12.0	-12	1	90.1	870.9	-110.6	12.2	-5.0
16TH	160.33	3.0	29.4	1554	2294	1.9	12.8	-11	1	87.1	841.5	-100.0	11.1	-4.7
17TH	172.66	3.1	31.2	1554	2294	2.0	13.6	-9	1	84.0	810.2	-89.8	10.0	-4.4
18TH	185.00	3.2	33.1	1554	2294	2.1	14.4	-9	1	80.8	777.2	-80.0	9.0	-4.1
19TH	197.33	3.3	35.3	1554	2294	2.1	15.4	-8	1	77.5	741.9	-70.7	8.0	-3.9
20TH	209.66	3.4	37.7	1554	2294	2.2	16.4	-7	1	74.1	704.3	-61.7	7.1	-3.6
21ST	222.00	3.5	40.1	1554	2294	2.2	17.5	-7	1	70.6	664.2	-53.3	6.2	-3.3
22ND	234.33	3.5	42.5	1554	2294	2.3	18.5	-6	1	67.1	621.7	-45.4	5.3	-3.0
23RD	246.66	3.6	44.9	1554	2294	2.3	19.6	-6	0	63.5	576.7	-38.0	4.5	-2.8
24TH	258.99	3.7	47.3	1554	2294	2.4	20.6	-6	0	59.8	529.4	-31.2	3.8	-2.5
25TH	271.33	3.9	49.7	1554	2294	2.5	21.7	-5	0	56.0	479.6	-24.9	3.1	-2.2
26TH	283.66	4.7	52.0	1554	2294	3.0	22.7	-5	0	51.3	427.6	-19.3	2.4	-1.9
27TH	295.99	5.5	54.3	1554	2294	3.5	23.7	-5	1	45.9	373.3	-14.4	1.8	-1.7
28TH	308.33	6.3	56.6	1554	2294	4.0	24.7	-5	1	39.6	316.7	-10.1	1.3	-1.4
		7.1	58.9	1554	2294	4.6	25.7	-5	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	7.8	61.3	1554	2294	5.0	26.7	-4	1	32.5	257.8	-6.6	.8	-1.1
30TH	332.99	8.5	63.6	1554	2294	5.5	27.7	-4	1	24.7	196.5	-3.8	.5	-.8
31ST	345.33	7.6	63.4	1264	2294	6.0	27.6	-5	1	16.2	132.9	-1.8	.2	-.6
32ND	357.66	8.6	69.5	1441	2792	6.0	24.9	-4	1	8.6	69.5	-.5	.1	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									391.2	1018.1	-252.4	75.1	-11.2
5TH	24.67	4.9	2.1	2238	4588	2.2	.4	-6	13	296.3	1016.0	-227.3	67.7	-11.1
6TH	37.00	2.6	5.1	1554	2294	1.7	2.2	-18	9	293.7	1011.0	-214.8	64.1	-11.0
7TH	49.33	2.7	7.5	1554	2294	1.8	3.3	-19	7	291.0	1003.4	-202.4	60.4	-10.8
8TH	61.67	3.0	10.0	1554	2294	1.9	4.4	-20	6	288.0	993.4	-190.1	56.9	-10.6
9TH	74.00	3.4	12.4	1554	2294	2.2	5.4	-20	6	284.7	981.0	-177.9	53.3	-10.3
10TH	86.33	3.7	14.9	1554	2294	2.4	6.5	-21	5	281.0	966.2	-165.9	49.9	-10.0
11TH	98.67	4.1	17.3	1554	2294	2.6	7.5	-21	5	276.9	948.8	-154.1	46.4	-9.6
12TH	111.00	3.4	19.6	1554	2294	2.2	8.6	-21	4	273.5	929.2	-142.5	43.0	-9.2
13TH	123.33	4.0	21.7	1554	2294	2.6	9.4	-19	3	269.5	907.6	-131.2	39.7	-8.8
14TH	135.66	4.9	23.7	1554	2294	3.2	10.3	-17	3	264.6	883.8	-120.2	36.4	-8.3
15TH	148.00	5.9	25.8	1554	2294	3.8	11.3	-15	3	258.8	858.0	-109.4	33.2	-7.9
16TH	160.33	6.8	27.9	1554	2294	4.4	12.2	-14	3	252.0	830.1	-99.0	30.0	-7.5
17TH	172.66	7.7	30.0	1554	2294	5.0	13.1	-13	3	244.2	800.2	-89.0	26.9	-7.1
18TH	185.00	8.7	32.0	1554	2294	5.6	14.0	-12	3	235.5	768.2	-79.3	24.0	-6.7
19TH	197.33	9.7	34.4	1554	2294	6.2	15.0	-11	3	225.9	733.8	-70.0	21.1	-6.3
20TH	209.66	10.8	36.8	1554	2294	6.9	16.1	-10	3	215.1	697.0	-61.2	18.4	-5.9
21ST	222.00	11.9	39.3	1554	2294	7.6	17.1	-10	3	203.3	657.6	-52.9	15.8	-5.4
22ND	234.33	12.9	41.8	1554	2294	8.3	18.2	-9	3	190.3	615.8	-45.0	13.4	-5.0
23RD	246.66	14.0	44.3	1554	2294	9.0	19.3	-9	3	176.3	571.6	-37.7	11.2	-4.6
24TH	258.99	15.1	46.8	1554	2294	9.7	20.4	-9	3	161.2	524.8	-30.9	9.1	-4.1
25TH	271.33	16.2	49.2	1554	2294	10.4	21.5	-8	3	145.0	475.6	-24.7	7.2	-3.7
26TH	283.66	16.9	51.5	1554	2294	10.9	22.5	-8	3	128.1	424.0	-19.2	5.5	-3.2
27TH	295.99	17.6	53.9	1554	2294	11.3	23.5	-8	3	110.4	370.2	-14.3	4.0	-2.8
28TH	308.33	18.3	56.2	1554	2294	11.8	24.5	-8	3	92.1	314.0	-10.1	2.8	-2.3
		19.0	58.5	1554	2294	12.3	25.5	-8	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE															
WIND DIRECTION 170		CONFIGURATION A								REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66									73.1	255.5	-6.6	1.8	-1.8	
30TH	332.99	19.5	60.5	1554	2294	12.5	26.4	-7	2	53.6	195.0	-3.8	1.0	-1.3	
31ST	345.33	19.8	62.5	1554	2294	12.8	27.2	-6	2	33.8	132.6	-1.3	.4	-.9	
32ND	357.66	16.9	62.6	1264	2294	13.3	27.3	-7	2	16.9	69.9	-.5	.1	-.4	
TOP	372.67	16.9	69.9	1441	2792	11.7	25.1	-6	1	0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 180

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.6 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	9.1	3.1	2238	4588	4.1	.7	-4	12	480.3	1063.6	-265.2	114.6	-12.4
5TH	24.67	5.3	5.9	1554	2294	3.4	2.6	-11	10	471.2	1060.5	-239.0	102.9	-12.3
6TH	37.00	5.8	8.1	1554	2294	3.7	3.5	-12	9	465.9	1054.6	-226.0	97.1	-12.2
7TH	49.33	6.2	10.3	1554	2294	4.0	4.5	-14	8	460.1	1048.5	-213.0	91.4	-12.1
8TH	61.67	6.7	12.4	1554	2294	4.3	5.4	-15	8	453.9	1036.2	-200.2	85.8	-11.9
9TH	74.00	7.1	14.6	1554	2294	4.6	6.3	-16	8	447.2	1023.8	-187.5	80.2	-11.6
10TH	86.33	7.6	16.7	1554	2294	4.9	7.3	-17	8	440.1	1009.2	-174.9	74.8	-11.3
11TH	98.67	7.4	19.1	1554	2294	4.7	8.3	-16	6	432.6	992.5	-162.6	69.4	-11.0
12TH	111.00	8.4	21.4	1554	2294	5.4	9.3	-15	6	425.2	973.4	-150.5	64.1	-10.7
13TH	123.33	9.8	23.7	1554	2294	6.3	10.3	-13	6	416.8	952.0	-138.6	58.9	-10.3
14TH	135.66	11.1	26.0	1554	2294	7.2	11.3	-13	5	407.0	928.3	-127.0	53.8	-9.9
15TH	148.00	12.5	28.3	1554	2294	8.0	12.3	-12	5	395.8	902.3	-115.7	48.9	-9.5
16TH	160.33	13.8	30.6	1554	2294	8.9	13.3	-11	5	383.3	874.0	-104.8	44.1	-9.1
17TH	172.66	15.2	32.9	1554	2294	9.8	14.4	-11	5	369.5	843.4	-94.2	39.4	-8.7
18TH	185.00	16.5	35.5	1554	2294	10.6	15.5	-10	5	354.3	810.5	-84.0	35.0	-8.3
19TH	197.33	18.0	38.3	1554	2294	11.6	16.7	-10	5	337.8	775.0	-74.2	30.7	-7.9
20TH	209.66	19.4	41.1	1554	2294	12.5	17.9	-10	5	319.8	736.7	-64.9	26.6	-7.4
21ST	222.00	20.8	43.8	1554	2294	13.4	19.1	-10	5	300.5	695.6	-56.0	22.8	-6.9
22ND	234.33	22.2	46.6	1554	2294	14.3	20.3	-9	5	279.7	651.8	-47.7	19.2	-6.4
23RD	246.66	23.7	49.4	1554	2294	15.2	21.5	-9	4	257.4	605.2	-40.0	15.9	-5.8
24TH	258.99	25.1	52.1	1554	2294	16.1	22.7	-9	4	233.8	555.8	-32.8	12.9	-5.3
25TH	271.33	25.7	54.4	1554	2294	16.6	23.7	-9	4	208.7	503.7	-26.3	10.2	-4.7
26TH	283.66	26.3	56.8	1554	2294	16.9	24.7	-9	4	183.0	449.3	-20.4	7.7	-4.1
27TH	295.99	26.9	59.1	1554	2294	17.3	25.8	-9	4	156.7	392.5	-15.2	5.6	-3.5
28TH	308.33	27.5	61.5	1554	2294	17.7	26.8	-8	4	129.7	333.4	-10.7	3.9	-2.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :													TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE		
WIND DIRECTION 180		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66														
		27.6	64.0	1554	2294	17.7	27.9	-8	3	102.2	271.9	-7.0	2.4	-2.2	
30TH	332.99														
		27.5	66.4	1554	2294	17.7	29.0	-7	3	74.6	208.0	-4.1	1.4	-1.6	
31ST	345.33														
		23.8	66.6	1264	2294	18.9	29.0	-7	2	47.1	141.5	-1.9	.6	-1.1	
32ND	357.66														
		23.3	75.0	1441	2792	16.2	26.8	-7	2	23.3	75.0	-1.6	.2	-.6	
TOP	372.67														
										0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE								GUST FACTOR 1.32				
WIND DIRECTION 190		CONFIGURATION A								REFERENCE PRESSURE 22.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									508.9	866.3	-195.7	115.6	-6.8
5TH	24.67	13.9	23.6	2238	4588	6.2	5.1	-6	3	495.0	842.7	-174.6	103.2	-6.6
6TH	37.00	8.5	14.6	1554	2294	5.5	6.4	-9	5	486.4	828.1	-164.3	97.2	-6.4
7TH	49.33	8.9	15.5	1554	2294	5.7	6.7	-10	6	477.5	812.7	-154.2	91.2	-6.2
8TH	61.67	9.2	16.3	1554	2294	6.0	7.1	-10	6	468.3	796.4	-144.2	85.4	-6.0
9TH	74.00	9.6	17.2	1554	2294	6.1	7.5	-11	6	458.7	779.2	-134.5	79.7	-5.8
		9.9	18.0	1554	2294	6.3	7.8	-12	6					
10TH	86.33	10.2	18.8	1554	2294	6.5	8.2	-12	7	448.9	761.2	-125.0	74.1	-5.5
11TH	98.67	10.1	20.0	1554	2294	6.5	8.7	-11	6	438.7	742.4	-115.8	68.6	-5.2
12TH	111.00	10.8	21.2	1554	2294	7.0	9.2	-11	5	428.6	722.4	-106.7	63.3	-4.9
13TH	123.33	11.7	22.4	1554	2294	7.5	9.8	-10	5	417.7	701.2	-97.9	58.1	-4.6
14TH	135.66	12.6	23.6	1554	2294	8.1	10.3	-10	5	406.0	678.9	-89.4	53.0	-4.4
15TH	148.00	13.4	24.8	1554	2294	8.6	10.8	-9	5	393.5	655.3	-81.2	48.0	-4.1
16TH	160.33	14.3	26.0	1554	2294	9.2	11.3	-9	5	380.0	630.5	-73.3	43.3	-3.8
17TH	172.66	15.2	27.2	1554	2294	9.8	11.9	-8	5	365.7	604.5	-65.7	38.7	-3.5
18TH	185.00	16.5	28.6	1554	2294	10.6	12.5	-8	4	350.6	577.2	-58.4	34.3	-3.2
19TH	197.33	17.9	30.0	1554	2294	11.5	13.1	-7	4	334.1	548.7	-51.4	30.0	-2.9
20TH	209.66	19.4	31.5	1554	2294	12.5	13.7	-6	4	316.2	518.6	-44.9	26.0	-2.6
21ST	222.00	20.9	32.9	1554	2294	13.4	14.3	-6	4	296.8	487.2	-38.6	22.2	-2.3
22ND	234.33	22.3	34.3	1554	2294	14.4	15.0	-5	3	275.9	454.3	-32.8	18.7	-2.1
23RD	246.66	23.8	35.8	1554	2294	15.3	15.6	-5	3	253.6	420.0	-27.5	15.4	-1.8
24TH	258.99	25.2	37.2	1554	2294	16.2	16.2	-4	3	229.8	384.2	-22.5	12.5	-1.6
25TH	271.33	25.8	38.4	1554	2294	16.6	16.7	-4	3	204.6	347.0	-18.0	9.8	-1.3
26TH	283.66	26.3	39.6	1554	2294	16.9	17.3	-4	3	178.8	308.6	-13.9	7.4	-1.1
27TH	295.99	26.9	40.8	1554	2294	17.3	17.8	-4	2	152.5	269.1	-10.4	5.4	-0.9
28TH	308.33	27.4	42.1	1554	2294	17.6	18.4	-4	2	125.7	228.3	-7.3	3.7	-0.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :													TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE																																						
WIND DIRECTION 190													CONFIGURATION A													REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																																							
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z																																					
29TH	320.66	27.7	44.5	1554	2294	17.8	19.4	-3	2	98.2	186.2	-4.8	2.3	-1.5																																					
30TH	332.99	27.9	46.9	1554	2294	18.0	20.4	-3	2	70.5	141.7	-2.7	1.2	-1.3																																					
31ST	345.33	22.0	44.0	1264	2294	17.4	19.2	-1	0	42.6	94.8	-1.3	.5	-1.1																																					
32ND	357.66	20.6	50.7	1441	2792	14.3	18.2	-1	0	20.6	50.7	-1.4	.2	-1.0																																					
TOP	372.67									0.0	0.0	0.0	0.0	0.0																																					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 200

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	21.3	20.9	2238	4588	9.5	4.6	-13	13	702.0	574.4	-123.1	160.8	1.1
5TH	24.67	10.8	13.3	1554	2294	7.0	5.8	-13	10	680.6	553.5	-109.2	143.7	1.6
6TH	37.00	11.5	13.3	1554	2294	7.4	5.8	-12	10	669.8	540.1	-102.4	135.4	1.9
7TH	49.33	12.1	13.4	1554	2294	7.8	5.8	-10	9	658.3	526.8	-95.9	127.2	2.2
8TH	61.67	12.7	13.5	1554	2294	8.2	5.9	-9	9	646.2	513.5	-89.4	119.1	2.4
9TH	74.00	13.3	13.6	1554	2294	8.6	5.9	-8	8	633.5	500.0	-83.2	111.2	2.7
10TH	86.33	13.9	13.7	1554	2294	9.0	6.0	-7	7	620.2	486.4	-77.1	103.5	2.9
11TH	98.67	14.3	14.7	1554	2294	9.2	6.4	-4	4	606.3	472.7	-71.2	95.9	3.1
12TH	111.00	15.2	15.4	1554	2294	9.8	6.7	-3	3	592.0	458.0	-65.5	88.6	3.2
13TH	123.33	16.2	16.1	1554	2294	10.4	7.0	-2	2	576.9	442.6	-59.9	81.4	3.3
14TH	135.66	17.2	16.8	1554	2294	11.1	7.3	-1	1	560.7	426.5	-54.5	74.3	3.3
15TH	148.00	18.2	17.4	1554	2294	11.7	7.6	-1	1	543.5	409.8	-49.4	67.5	3.4
16TH	160.33	19.2	18.1	1554	2294	12.4	7.9	-0	0	525.3	392.3	-44.4	60.9	3.4
17TH	172.66	20.2	18.8	1554	2294	13.0	8.2	0	-0	506.0	374.2	-39.7	54.6	3.4
18TH	185.00	21.8	19.4	1554	2294	14.0	8.5	1	-1	485.8	355.4	-35.2	48.5	3.4
19TH	197.33	23.7	20.0	1554	2294	15.3	8.7	1	-2	464.0	336.0	-31.0	42.6	3.4
20TH	209.66	25.7	20.6	1554	2294	16.5	9.0	2	-2	440.2	316.0	-26.9	37.0	3.3
21ST	222.00	27.6	21.2	1554	2294	17.7	9.2	2	-3	414.6	295.4	-23.2	31.8	3.2
22ND	234.33	29.5	21.8	1554	2294	19.0	9.5	3	-4	387.0	274.3	-19.7	26.8	3.1
23RD	246.66	31.4	22.4	1554	2294	20.2	9.7	3	-4	357.6	252.5	-16.4	22.2	2.9
24TH	258.99	33.3	22.9	1554	2294	21.4	10.0	3	-5	326.2	230.1	-13.4	18.0	2.7
25TH	271.33	35.0	23.4	1554	2294	22.5	10.2	3	-5	292.8	207.2	-10.7	14.2	2.5
26TH	283.66	36.6	23.8	1554	2294	23.5	10.4	3	-5	257.9	183.8	-8.3	10.8	2.3
27TH	295.99	38.1	24.3	1554	2294	24.5	10.6	3	-5	221.3	160.0	-6.2	7.8	2.0
28TH	308.33	39.7	24.8	1554	2294	25.5	10.8	3	-5	183.2	135.8	-4.4	5.3	1.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 200

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	40.4	26.4	1554	2294	26.0	11.5	4	-5	143.5	111.0	-2.9	3.3	1.4
30TH	332.99	41.0	28.1	1554	2294	26.4	12.2	4	-6	103.0	84.5	-1.6	1.8	1.1
31ST	345.33	32.0	24.9	1264	2294	25.3	10.8	5	-7	62.0	56.4	-.8	.8	.8
32ND	357.66	30.1	31.5	1441	2792	20.9	11.3	7	-7	30.1	31.5	-.2	.2	.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 210

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	25.0	.6	2238	4580	11.2	.1	-0	5	725.2	370.8	-87.4	162.8	4.0
5TH	24.67	12.8	2.3	1554	2294	8.3	1.0	-1	5	700.2	370.2	-78.2	145.2	4.1
6TH	37.00	13.4	2.7	1554	2294	8.6	1.2	-1	7	687.4	367.9	-73.7	136.7	4.2
7TH	49.33	14.1	3.2	1554	2294	9.0	1.4	-2	7	673.9	365.3	-69.2	128.3	4.2
8TH	61.67	14.8	4.0	1554	2294	9.5	1.8	-2	6	659.9	362.0	-64.7	120.0	4.3
9TH	74.00	15.5	4.8	1554	2294	10.0	2.1	-2	5	645.1	358.0	-60.2	112.0	4.4
10TH	86.33	16.2	5.6	1554	2294	10.4	2.4	-1	4	629.7	353.2	-55.9	104.1	4.5
11TH	98.67	17.0	7.6	1554	2294	11.0	3.3	1	-1	613.5	347.6	-51.5	96.5	4.6
12TH	111.00	17.7	9.3	1554	2294	11.4	4.0	1	-1	596.5	340.0	-47.3	89.0	4.6
13TH	123.33	18.4	10.8	1554	2294	11.8	4.7	0	-0	578.7	330.8	-43.2	81.8	4.5
14TH	135.66	19.1	12.4	1554	2294	12.3	5.4	-0	0	560.3	319.9	-39.2	74.7	4.5
15TH	148.00	19.7	14.0	1554	2294	12.7	6.1	-1	1	541.3	307.5	-35.3	67.9	4.5
16TH	160.33	20.4	15.5	1554	2294	13.1	6.8	-1	1	521.5	293.6	-31.6	61.4	4.6
17TH	172.66	21.1	17.1	1554	2294	13.6	7.4	-1	2	501.2	278.0	-28.1	55.1	4.6
18TH	185.00	21.9	17.5	1554	2294	14.1	7.6	-1	1	480.1	261.0	-24.7	49.0	4.7
19TH	197.33	23.3	17.3	1554	2294	15.0	7.5	-0	0	458.1	243.5	-21.6	43.2	4.7
20TH	209.66	24.6	17.0	1554	2294	15.8	7.4	1	-1	434.9	226.2	-18.7	37.7	4.7
21ST	222.00	25.9	16.8	1554	2294	16.7	7.3	1	-2	410.3	209.2	-16.0	32.5	4.7
22ND	234.33	27.2	16.6	1554	2294	17.5	7.2	2	-3	384.5	192.4	-13.6	27.6	4.6
23RD	246.66	28.5	16.3	1554	2294	18.3	7.1	2	-4	357.3	175.8	-11.3	23.0	4.5
24TH	258.99	30.0	16.2	1554	2294	19.3	7.1	3	-5	328.8	159.5	-9.2	18.8	4.3
25TH	271.33	32.5	16.5	1554	2294	20.9	7.2	3	-7	298.8	143.3	-7.4	14.9	4.1
26TH	283.66	35.1	16.8	1554	2294	22.6	7.3	4	-8	266.3	126.8	-5.7	11.5	3.9
27TH	295.99	37.6	17.1	1554	2294	24.2	7.5	4	-9	231.2	110.0	-4.2	8.4	3.5
28TH	308.33	40.2	17.5	1554	2294	25.8	7.6	4	-10	193.6	92.8	-3.0	5.8	3.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 210

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									153.4	75.3	-1.9	3.6	2.6
30TH	332.99	41.7	18.3	1554	2294	26.9	8.0	5	-11	111.7	57.1	-1.1	2.0	2.1
31ST	345.33	43.2	19.0	1554	2294	27.8	8.3	6	-13	68.5	38.0	-1.5	.9	1.4
32ND	357.66	34.1	15.9	1264	2294	26.9	6.9	7	-15	34.4	22.2	-1.2	.3	.8
TOP	372.67	34.4	22.2	1441	2792	23.9	7.9	10	-16	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	29.0	-23.4	2238	4588	13.0	-5.1	-5	-7	912.2	-100.2	3.0	197.0	9.7
5TH	24.67	14.0	-10.9	1554	2294	9.0	-4.8	-7	-9	883.2	-76.8	.8	174.8	9.4
6TH	37.00	15.3	-11.4	1554	2294	9.9	-5.0	-6	-7	869.2	-65.9	-.1	164.0	9.2
7TH	49.33	16.8	-11.6	1554	2294	10.8	-5.1	-5	-7	853.9	-54.5	-.8	153.4	9.0
8TH	61.67	18.3	-11.5	1554	2294	11.8	-5.0	-5	-8	837.1	-42.9	-1.4	143.0	8.8
9TH	74.00	19.9	-11.4	1554	2294	12.8	-5.0	-5	-9	818.8	-31.3	-1.9	132.8	8.6
10TH	86.33	21.4	-11.3	1554	2294	13.8	-4.9	-5	-10	798.9	-19.9	-2.2	122.8	8.3
11TH	98.67	23.0	-9.6	1554	2294	14.8	-4.2	-6	-13	777.5	-8.6	-2.4	113.1	8.1
12TH	111.00	24.7	-7.6	1554	2294	15.9	-3.3	-4	-15	754.5	1.0	-2.4	103.6	7.7
13TH	123.33	26.4	-5.6	1554	2294	17.0	-2.5	-3	-13	729.8	8.6	-2.4	94.5	7.3
14TH	135.66	28.1	-3.7	1554	2294	18.1	-1.6	-1	-11	703.4	14.2	-2.2	85.6	6.9
15TH	148.00	29.8	-1.7	1554	2294	19.2	-.7	-1	-9	675.2	17.9	-2.0	77.1	6.6
16TH	160.33	31.6	.3	1554	2294	20.3	.1	0	-8	645.4	19.6	-1.8	69.0	6.3
17TH	172.66	33.3	2.2	1554	2294	21.4	1.0	0	-6	613.9	19.3	-1.5	61.2	6.1
18TH	185.00	34.5	2.7	1554	2294	22.2	1.2	0	-6	580.6	17.1	-1.3	53.9	5.9
19TH	197.33	35.6	2.2	1554	2294	22.9	1.0	0	-6	546.1	14.4	-1.1	46.9	5.7
20TH	209.66	36.6	1.8	1554	2294	23.6	.8	0	-6	510.5	12.2	-1.0	40.4	5.4
21ST	222.00	37.6	1.3	1554	2294	24.2	.6	0	-7	473.9	10.5	-.8	34.3	5.2
22ND	234.33	38.7	.9	1554	2294	24.9	.4	0	-7	436.3	9.1	-.7	28.7	4.9
23RD	246.66	39.7	.4	1554	2294	25.6	.2	0	-7	397.6	8.3	-.6	23.6	4.7
24TH	258.99	40.8	.1	1554	2294	26.3	.0	0	-8	357.9	7.8	-.5	18.9	4.4
25TH	271.33	41.6	.4	1554	2294	26.8	.2	0	-8	317.0	7.7	-.4	14.8	4.1
26TH	283.66	42.4	.7	1554	2294	27.3	.3	0	-9	275.4	7.3	-.3	11.1	3.7
27TH	295.99	43.1	1.1	1554	2294	27.7	.5	0	-10	233.0	6.6	-.2	8.0	3.3
28TH	308.33	43.8	1.4	1554	2294	28.2	.6	0	-11	189.9	5.5	-.1	5.4	2.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	43.5	1.6	1554	2294	28.0	7	0	-13	146.2	4.1	-1	3.3	2.4
30TH	332.99	43.1	1.9	1554	2294	27.7	.8	1	-15	102.6	2.5	-0	1.8	1.9
31ST	345.33	31.4	-1.3	1264	2294	24.9	-1.5	-1	-16	59.6	.6	-0	.8	1.2
32ND	357.66	28.2	1.9	1441	2792	19.5	.7	2	-24	28.2	1.9	-0	.2	.7
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									987.1	-339.1	45.7	213.7	6.6
5TH	24.67	28.1	-35.4	2238	4588	12.5	-7.7	-12	-9	959.0	-303.7	37.8	189.7	5.9
6TH	37.00	13.6	-17.8	1554	2294	8.8	-7.8	-14	-11	945.4	-285.9	34.1	178.0	5.5
7TH	49.33	15.2	-18.9	1554	2294	9.8	-8.2	-12	-10	930.2	-267.0	30.7	166.4	5.2
8TH	61.67	16.8	-19.7	1554	2294	10.8	-8.6	-11	-9	913.5	-247.3	27.6	155.0	4.8
9TH	74.00	18.4	-20.1	1554	2294	11.9	-8.8	11	-10	895.0	-227.2	24.6	143.9	4.4
10TH	86.33	20.1	-20.6	1554	2294	12.9	-9.0	11	-11	874.9	-206.7	22.0	133.0	3.9
11TH	98.67	21.8	-21.0	1554	2294	14.0	-9.2	11	-11	853.2	-185.7	19.5	122.3	3.5
12TH	111.00	23.5	-19.7	1554	2294	15.1	-8.6	13	-15	829.7	-165.9	17.4	111.9	2.9
13TH	123.33	25.9	-17.7	1554	2294	16.7	-7.7	-10	-15	803.8	-148.3	15.4	101.9	2.3
14TH	135.66	28.4	-15.7	1554	2294	18.3	-6.8	-7	-14	775.3	-132.5	13.7	92.1	1.8
15TH	148.00	31.0	-13.7	1554	2294	19.9	-6.0	-5	-12	744.4	-118.8	12.1	82.8	1.4
16TH	160.33	33.5	-11.8	1554	2294	21.5	-5.1	-4	-10	710.9	-107.0	10.8	73.8	1.0
17TH	172.66	36.0	-9.8	1554	2294	23.2	-4.3	-2	-8	674.9	-97.3	9.5	65.2	.7
18TH	185.00	38.5	-7.8	1554	2294	24.8	-3.4	-1	-7	636.3	-89.4	8.3	57.2	.4
19TH	197.33	40.2	-6.9	1554	2294	25.9	-3.0	-1	-5	596.1	-82.5	7.3	49.6	.2
20TH	209.66	41.3	-6.6	1554	2294	26.6	-2.9	-1	-4	554.8	-75.9	6.3	42.5	.0
21ST	222.00	42.4	-6.3	1554	2294	27.3	-2.7	-0	-3	512.4	-69.7	5.4	35.9	-.1
22ND	234.33	43.5	-6.0	1554	2294	28.0	-2.6	-0	-2	468.9	-63.7	4.6	29.8	-.2
23RD	246.66	44.6	-5.7	1554	2294	28.7	-2.5	-0	-1	424.3	-58.0	3.8	24.3	-.2
24TH	258.99	45.7	-5.4	1554	2294	29.4	-2.3	0	0	378.6	-52.7	3.2	19.4	-.2
25TH	271.33	46.8	-5.1	1554	2294	30.1	-2.2	0	1	331.8	-47.6	2.5	15.0	-.2
26TH	283.66	46.8	-5.2	1554	2294	30.1	-2.3	0	1	285.0	-42.4	2.0	11.2	-.1
27TH	295.99	46.6	-5.3	1554	2294	30.0	-2.3	0	1	238.4	-37.0	1.5	7.9	-.1
28TH	308.33	46.5	-5.4	1554	2294	29.9	-2.4	0	1	191.9	-31.6	1.1	5.3	-.1
		46.3	-5.5	1554	2294	29.8	-2.4	0	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 230				CONFIGURATION A		TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE						GUST FACTOR 1.32		
REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	44.8	-5.3	1554	2294	28.8	-2.3	0	0	145.6	-26.0	.7	3.2	-0.0
30TH	332.99	43.0	-5.1	1554	2294	27.7	-2.2	-0	-1	100.8	-20.7	.4	1.7	-0.0
31ST	345.33	31.3	-8.0	1264	2294	24.7	-3.5	0	2	57.8	-15.6	.2	.7	-0.0
32ND	357.66	26.5	-7.6	1441	2792	18.4	-2.7	-0	-1	26.5	-7.6	.1	.2	-0.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240 CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	32.8	-30.0	2238	4388	14.7	-10.9	-18	-12	1180.7	-401.3	41.7	252.8	9.2
5TH	24.67	16.2	-26.1	1554	2294	10.4	-11.4	-16	-10	1147.9	-351.4	32.4	224.1	8.0
6TH	37.00	18.2	-27.7	1554	2294	11.7	-12.1	-13	-9	1131.7	-325.3	28.2	210.0	7.4
7TH	49.33	20.2	-28.8	1554	2294	13.0	-12.6	-11	-8	1113.5	-297.7	24.4	196.2	6.8
8TH	61.67	22.3	-29.5	1554	2294	14.3	-12.9	-11	-8	1093.3	-268.8	20.9	182.6	6.4
9TH	74.00	24.3	-30.2	1554	2294	15.6	-13.1	-10	-8	1071.0	-239.3	17.8	169.2	5.9
10TH	86.33	26.3	-30.8	1554	2294	16.9	-13.4	-9	-8	1046.7	-209.2	15.0	156.2	5.4
11TH	98.67	28.6	-29.3	1554	2294	18.4	-12.8	-11	-11	1020.4	-178.4	12.6	143.4	4.9
12TH	111.00	31.8	-25.7	1554	2294	20.5	-11.2	-9	-11	991.8	-149.0	10.6	131.0	4.2
13TH	123.33	35.2	-22.1	1554	2294	22.7	-9.6	-7	-11	959.9	-123.4	8.9	119.0	3.6
14TH	135.66	38.6	-18.5	1554	2294	24.8	-8.1	-5	-10	924.7	-101.3	7.5	107.4	3.1
15TH	148.00	42.0	-14.9	1554	2294	27.0	-6.5	-3	-9	886.1	-82.8	6.4	96.2	2.6
16TH	160.33	45.4	-11.3	1554	2294	29.2	-4.9	-2	-8	844.1	-67.8	5.5	85.5	2.2
17TH	172.66	48.7	-7.7	1554	2294	31.4	-3.4	-1	-7	798.7	-56.5	4.7	75.4	1.8
18TH	185.00	50.7	-6.0	1554	2294	32.6	-2.6	-1	-6	750.0	-48.8	4.1	65.8	1.5
19TH	197.33	51.5	-5.3	1554	2294	33.1	-2.3	-0	-5	699.3	-42.8	3.5	56.9	1.2
20TH	209.66	52.4	-4.5	1554	2294	33.7	-2.0	-0	-4	647.8	-37.5	3.0	48.6	.9
21ST	222.00	53.2	-3.8	1554	2294	34.2	-1.7	-0	-3	595.4	-33.0	2.6	40.9	.7
22ND	234.33	54.1	-3.1	1554	2294	34.8	-1.4	-0	-3	542.2	-29.1	2.2	33.9	.5
23RD	246.66	54.9	-2.4	1554	2294	35.3	-1.0	-0	-2	488.2	-26.0	1.8	27.6	.4
24TH	258.99	55.6	-1.8	1554	2294	35.8	-.8	-0	-1	433.3	-23.6	1.5	21.9	.3
25TH	271.33	54.9	-2.0	1554	2294	35.3	-.9	-0	-1	377.6	-21.8	1.2	16.9	.2
26TH	283.66	54.0	-2.1	1554	2294	34.8	-.9	-0	-1	322.8	-19.8	1.0	12.6	.2
27TH	295.99	53.2	-2.3	1554	2294	34.2	-1.0	-0	-1	268.8	-17.7	.8	8.9	.1
28TH	308.33	52.3	-2.4	1554	2294	33.7	-1.1	-0	-0	215.6	-15.4	.6	5.9	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 240													TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE CONFIGURATION A REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
29TH	320.66	50.6	-2.1	1554	2294	32.6	-.9	-0	-1	163.2	-13.0	.4	3.6	.1														
30TH	332.99	48.6	-1.8	1554	2294	31.3	-.8	-0	-1	112.6	-10.8	.2	1.9	.0														
31ST	345.33	34.5	-4.8	1264	2294	27.3	-2.1	0	2	64.0	-9.0	.1	.8	-.0														
32ND	357.66	29.5	-4.2	1441	2792	20.5	-1.5	-0	-1	29.5	-4.2	.0	.2	.0														
TOP	372.67									0.0	0.0	0.0	0.0	0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	33.1	-62.9	2238	4588	14.8	-13.7	-19	-10	1254.2	-466.3	47.0	271.1	15.7
5TH	24.67	16.7	-32.2	1554	2294	10.7	-14.0	-17	-9	1221.1	-403.4	36.3	240.6	14.1
6TH	37.00	18.5	-33.4	1554	2294	11.9	-14.5	-14	-8	1204.4	-371.3	31.5	225.6	13.5
7TH	49.33	20.4	-34.1	1554	2294	13.1	-14.9	-12	-7	1185.9	-337.9	27.1	210.9	12.9
8TH	61.67	22.3	-34.3	1554	2294	14.4	-14.9	-11	-7	1165.5	-303.8	23.2	196.4	12.3
9TH	74.00	24.3	-34.5	1554	2294	15.6	-15.0	-10	-7	1143.2	-269.5	19.7	182.2	11.8
10TH	86.33	26.2	-34.7	1554	2294	16.9	-15.1	-9	-7	1118.9	-235.0	16.5	168.2	11.3
11TH	98.67	28.3	-32.3	1554	2294	18.2	-14.1	-11	-10	1092.7	-200.3	13.9	154.6	10.8
12TH	111.00	32.1	-28.4	1554	2294	20.7	-12.4	-10	-11	1064.4	-168.0	11.6	141.3	10.1
13TH	123.33	36.2	-24.6	1554	2294	23.3	-10.7	-8	-12	1032.3	-139.6	9.7	128.3	9.5
14TH	135.66	40.3	-20.9	1554	2294	25.9	-9.1	-6	-12	996.0	-114.9	8.1	115.8	8.9
15TH	148.00	44.4	-17.1	1554	2294	28.6	-7.4	-4	-11	955.7	-94.1	6.8	103.8	8.3
16TH	160.33	48.5	-13.3	1554	2294	31.2	-5.8	-3	-11	911.4	-77.0	5.8	92.3	7.7
17TH	172.66	52.6	-9.5	1554	2294	33.8	-4.1	-2	-10	862.9	-63.7	4.9	81.3	7.1
18TH	185.00	54.9	-7.5	1554	2294	35.3	-3.3	-1	-9	810.3	-54.2	4.2	71.0	6.6
19TH	197.33	55.8	-6.4	1554	2294	35.9	-2.8	-1	-9	755.4	-46.8	3.6	61.4	6.0
20TH	209.66	56.7	-5.3	1554	2294	36.5	-2.3	-1	-9	699.6	-40.4	3.0	52.4	5.5
21ST	222.00	57.7	-4.3	1554	2294	37.1	-1.9	-1	-8	642.9	-35.0	2.6	44.1	5.0
22ND	234.33	58.6	-3.2	1554	2294	37.7	-1.4	-0	-8	585.2	-30.8	2.2	36.5	4.5
23RD	246.66	59.5	-2.1	1554	2294	38.3	-.9	-0	-8	526.7	-27.5	1.8	29.7	4.1
24TH	258.99	60.2	-1.4	1554	2294	38.7	-.6	-0	-7	467.2	-25.4	1.5	23.6	3.6
25TH	271.33	59.3	-2.1	1554	2294	38.2	-.9	-0	-7	407.0	-24.0	1.2	18.2	3.2
26TH	283.66	58.3	-2.9	1554	2294	37.5	-1.2	-0	-7	347.7	-21.9	.9	13.5	2.7
27TH	295.99	57.3	-3.6	1554	2294	36.9	-1.6	-0	-7	289.3	-19.1	.6	9.6	2.3
28TH	308.33	56.4	-4.2	1554	2294	36.3	-1.8	-1	-7	232.0	-15.5	.4	6.4	1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	54.5	-3.7	1554	2294	35.1	-1.6	-1	-7	175.6	-11.2	.2	3.9	1.5
30TH	332.99	52.4	-3.1	1554	2294	33.7	-1.3	-0	-8	121.1	-7.5	.1	2.0	1.0
31ST	345.33	36.4	-2.1	1264	2294	28.8	-.9	-0	-5	68.7	-4.4	.1	.9	.6
32ND	357.66	32.2	-2.4	1441	2792	22.4	-.9	-1	-14	32.2	-2.4	.0	.2	.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	28.4	-63.2	2238	4588	12.7	-13.8	-16	-7	1152.4	-511.5	61.1	254.8	20.1
5TH	24.67	15.0	-31.8	1554	2294	9.7	-13.8	-13	-6	1124.0	-448.3	49.3	226.7	18.9
6TH	37.00	16.4	-32.6	1554	2294	10.5	-14.2	-11	-6	1109.0	-416.5	43.9	213.0	18.4
7TH	49.33	17.8	-33.1	1554	2294	11.5	-14.4	-10	-5	1092.6	-383.9	39.0	199.4	17.9
8TH	61.67	19.3	-33.2	1554	2294	12.4	-14.5	-10	-6	1074.8	-350.8	34.5	186.0	17.5
9TH	74.00	20.7	-33.3	1554	2294	13.3	-14.5	-10	-6	1055.5	-317.6	30.3	172.9	17.0
10TH	86.33	22.2	-33.3	1554	2294	14.3	-14.5	-10	-6	1034.8	-284.3	26.6	160.0	16.6
11TH	98.67	24.0	-31.2	1554	2294	15.5	-13.6	-12	-9	1012.6	-251.0	23.3	147.4	16.1
12TH	111.00	27.4	-27.8	1554	2294	17.6	-12.1	-11	-11	988.6	-219.7	20.4	135.0	15.5
13TH	123.33	31.0	-24.4	1554	2294	19.9	-10.6	-10	-12	961.2	-192.0	17.9	123.0	14.9
14TH	135.66	34.6	-21.0	1554	2294	22.2	-9.2	-8	-13	930.2	-167.6	15.7	111.4	14.3
15TH	148.00	38.2	-17.7	1554	2294	24.6	-7.7	-6	-14	895.6	-146.5	13.7	100.1	13.7
16TH	160.33	41.7	-14.3	1554	2294	26.9	-6.2	-5	-14	857.5	-128.8	12.0	89.3	13.1
17TH	172.66	45.3	-10.9	1554	2294	29.2	-4.8	-3	-13	815.7	-114.5	10.5	79.0	12.4
18TH	185.00	47.8	-9.3	1554	2294	30.7	-4.0	-3	-13	770.4	-103.6	9.2	69.2	11.8
19TH	197.33	49.4	-8.6	1554	2294	31.8	-3.7	-2	-14	722.6	-94.3	8.0	60.0	11.1
20TH	209.66	51.0	-7.9	1554	2294	32.8	-3.4	-2	-14	673.2	-85.7	6.9	51.4	10.4
21ST	222.00	52.6	-7.2	1554	2294	33.9	-3.1	-2	-14	622.2	-77.9	5.8	43.4	9.7
22ND	234.33	54.2	-6.5	1554	2294	34.9	-2.8	-2	-14	569.6	-70.7	4.9	36.0	9.0
23RD	246.66	55.9	-5.8	1554	2294	35.9	-2.5	-1	-14	515.3	-64.2	4.1	29.3	8.2
24TH	258.99	57.3	-5.3	1554	2294	36.9	-2.3	-1	-14	459.5	-58.4	3.3	23.3	7.4
25TH	271.33	57.2	-5.9	1554	2294	36.8	-2.6	-1	-14	402.1	-53.2	2.7	18.0	6.5
26TH	283.66	57.0	-6.6	1554	2294	36.7	-2.9	-2	-15	345.0	-47.2	2.0	13.4	5.7
27TH	295.99	56.7	-7.2	1554	2294	36.5	-3.1	-2	-15	288.0	-40.7	1.5	9.5	4.9
28TH	308.33	56.5	-7.7	1554	2294	36.3	-3.4	-2	-15	231.3	-33.5	1.0	6.3	4.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	28.4	-63.2	2238	4588	12.7	-13.8	-16	-7	1152.4	-511.5	61.1	254.8	20.1
5TH	24.67	15.0	-31.8	1554	2294	9.7	-13.8	-13	-6	1124.0	-448.3	49.3	226.7	18.9
6TH	37.00	16.4	-32.6	1554	2294	10.5	-14.2	-11	-6	1109.0	-416.5	43.9	213.0	18.4
7TH	49.33	17.8	-33.1	1554	2294	11.5	-14.4	-10	-5	1092.6	-383.9	39.0	199.4	17.9
8TH	61.67	19.3	-33.2	1554	2294	12.4	-14.5	-10	-6	1074.8	-350.8	34.5	186.0	17.5
9TH	74.00	20.7	-33.3	1554	2294	13.3	-14.5	-10	-6	1055.5	-317.6	30.3	172.9	17.0
10TH	86.33	22.2	-33.3	1554	2294	14.3	-14.5	-10	-6	1034.8	-284.3	26.6	160.0	16.6
11TH	98.67	24.0	-31.2	1554	2294	15.5	-13.6	-12	-9	1012.6	-251.0	23.3	147.4	16.1
12TH	111.00	27.4	-27.8	1554	2294	17.6	-12.1	-11	-11	988.6	-219.7	20.4	135.0	15.5
13TH	123.33	31.0	-24.4	1554	2294	19.9	-10.6	-10	-12	961.2	-192.0	17.9	123.0	14.9
14TH	135.66	34.6	-21.0	1554	2294	22.2	-9.2	-8	-13	930.2	-167.6	15.7	111.4	14.3
15TH	148.00	38.2	-17.7	1554	2294	24.6	-7.7	-6	-14	895.6	-146.5	13.7	100.1	13.7
16TH	160.33	41.7	-14.3	1554	2294	26.9	-6.2	-5	-14	857.5	-128.8	12.0	89.3	13.1
17TH	172.66	45.3	-10.9	1554	2294	29.2	-4.8	-3	-13	815.7	-114.5	10.5	79.0	12.4
18TH	185.00	47.8	-9.3	1554	2294	30.7	-4.0	-3	-13	770.4	-103.6	9.2	69.2	11.8
19TH	197.33	49.4	-8.6	1554	2294	31.8	-3.7	-2	-14	722.6	-94.3	8.0	60.0	11.1
20TH	209.66	51.0	-7.9	1554	2294	32.8	-3.4	-2	-14	673.2	-85.7	6.9	51.4	10.4
21ST	222.00	52.6	-7.2	1554	2294	33.9	-3.1	-2	-14	622.2	-77.9	5.8	43.4	9.7
22ND	234.33	54.2	-6.5	1554	2294	34.9	-2.8	-2	-14	569.6	-70.7	4.9	36.0	9.0
23RD	246.66	55.9	-5.8	1554	2294	35.9	-2.5	-1	-14	515.3	-64.2	4.1	29.3	8.2
24TH	258.99	57.3	-5.3	1554	2294	36.9	-2.3	-1	-14	459.5	-58.4	3.3	23.3	7.4
25TH	271.33	57.2	-5.9	1554	2294	36.8	-2.6	-1	-14	402.1	-53.2	2.7	18.0	6.5
26TH	283.66	57.0	-6.6	1554	2294	36.7	-2.9	-2	-15	345.0	-47.2	2.0	13.4	5.7
27TH	295.99	56.7	-7.2	1554	2294	36.5	-3.1	-2	-15	288.0	-40.7	1.5	9.5	4.9
28TH	308.33	56.5	-7.7	1554	2294	36.3	-3.4	-2	-15	231.3	-33.5	1.0	6.3	4.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

CONFIGURATION A

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	54.9	-6.8	1554	2294	35.4	-2.9	-2	-15	174.8	-25.8	.7	3.8	3.2
30TH	332.99	53.2	-5.8	1554	2294	34.3	-2.5	-2	-16	119.8	-19.0	.4	2.0	2.3
31ST	345.33	35.5	-4.7	1264	2294	28.1	-2.0	-2	-13	66.6	-13.2	.2	.8	1.4
32ND	357.66	31.1	-8.5	1441	2792	21.6	-3.0	-8	-29	31.1	-8.5	.1	.2	1.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									873.2	-395.3	55.4	191.6	20.0
5TH	24.67	22.7	-38.3	2238	4588	10.2	-8.3	-22	-13	850.5	-357.0	46.1	170.3	18.8
6TH	37.00	13.3	-19.6	1554	2294	8.6	-8.5	-17	-11	837.1	-337.4	41.8	159.9	18.4
7TH	49.33	14.3	-20.7	1554	2294	9.2	-9.0	-15	-10	822.8	-316.7	37.8	149.7	17.9
8TH	61.67	15.2	-21.6	1554	2294	9.8	-9.4	-13	-9	807.6	-295.1	34.0	139.6	17.5
9TH	74.00	16.1	-22.2	1554	2294	10.4	-9.7	-13	-9	791.5	-272.9	30.5	129.8	17.0
10TH	86.33	17.0	-22.8	1554	2294	10.9	-10.0	-12	-9	774.5	-250.1	27.3	120.1	16.6
11TH	98.67	17.8	-23.5	1554	2294	11.5	-10.2	-12	-9	756.7	-226.6	24.3	110.7	16.2
12TH	111.00	19.0	-22.7	1554	2294	12.3	-9.9	-14	-11	737.6	-203.9	21.7	101.4	15.6
13TH	123.33	21.1	-20.5	1554	2294	13.6	-8.9	-13	-13	716.5	-183.4	19.3	92.5	15.1
14TH	135.66	23.4	-18.3	1554	2294	15.0	-8.0	-11	-15	693.1	-165.1	17.2	83.8	14.5
15TH	148.00	25.6	-16.1	1554	2294	16.5	-7.0	-10	-16	667.5	-149.0	15.2	75.4	14.0
16TH	160.33	27.8	-14.0	1554	2294	17.9	-6.1	-8	-17	639.6	-135.0	13.5	67.3	13.4
17TH	172.66	30.1	-11.8	1554	2294	19.4	-5.1	-7	-17	609.6	-123.3	11.9	59.6	12.8
18TH	185.00	32.3	-9.6	1554	2294	20.8	-4.2	-5	-17	577.2	-113.7	10.4	52.3	12.2
19TH	197.33	34.2	-8.5	1554	2294	22.0	-3.7	-4	-17	543.1	-105.1	9.1	45.4	11.6
20TH	209.66	35.7	-8.1	1554	2294	23.0	-3.5	-4	-18	507.3	-97.0	7.8	38.9	10.9
21ST	222.00	37.3	-7.7	1554	2294	24.0	-3.3	-4	-18	470.0	-89.4	6.7	32.9	10.2
22ND	234.33	38.9	-7.2	1554	2294	25.0	-3.2	-3	-18	431.1	-82.1	5.6	27.3	9.5
23RD	246.66	40.5	-6.8	1554	2294	26.0	-3.0	-3	-19	390.7	-75.3	4.6	22.3	8.7
24TH	258.99	42.0	-6.4	1554	2294	27.1	-2.8	-3	-19	348.6	-68.9	3.8	17.7	7.9
25TH	271.33	43.4	-6.2	1554	2294	27.9	-2.7	-3	-19	305.2	-62.7	2.9	13.7	7.0
26TH	283.66	43.3	-7.2	1554	2294	27.9	-3.1	-3	-20	261.9	-55.6	2.2	10.2	6.1
27TH	295.99	43.2	-8.2	1554	2294	27.8	-3.6	-4	-20	218.7	-47.4	1.6	7.2	5.2
28TH	308.33	43.2	-9.2	1554	2294	27.8	-4.0	-4	-20	175.5	-38.2	1.0	4.8	4.3
		43.0	-10.0	1554	2294	27.7	-4.4	-5	-20					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									132.5	-28.2	.6	2.9	3.4
30TH	332.99	41.6	-9.3	1554	2294	26.7	-4.0	-4	-20	91.0	-19.0	.3	1.5	2.5
31ST	345.33	39.9	-8.5	1554	2294	25.7	-3.7	-4	-20	51.0	-10.5	.2	.6	1.7
32ND	357.66	27.4	-3.0	1264	2294	21.7	-1.3	-2	-20	23.6	-7.4	.1	.2	1.1
TOP	372.67	23.6	-7.4	1441	2792	16.4	-2.7	-13	-43	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	22.1	-22.5	2238	4588	9.9	-4.9	-26	-26	697.9	-223.0	28.5	150.0	20.2
5TH	24.67	12.2	-11.8	1554	2294	7.9	-5.2	-22	-23	675.8	-200.5	23.3	133.0	19.0
6TH	37.00	13.0	-13.1	1554	2294	8.4	-5.7	-20	-20	663.6	-188.6	20.9	124.8	18.5
7TH	49.33	13.7	-14.1	1554	2294	8.8	-6.1	-18	-18	650.6	-175.6	18.7	116.7	18.0
8TH	61.67	14.5	-14.8	1554	2294	9.3	-6.4	-18	-17	636.9	-161.5	16.6	108.7	17.5
9TH	74.00	15.2	-15.5	1554	2294	9.8	-6.8	-17	-17	622.4	-146.7	14.7	101.0	17.0
10TH	86.33	15.9	-16.2	1554	2294	10.3	-7.1	-16	-16	607.2	-131.2	13.0	93.4	16.4
11TH	98.67	16.9	-15.6	1554	2294	10.9	-6.8	-18	-19	591.3	-115.0	11.4	86.0	15.9
12TH	111.00	18.2	-13.7	1554	2294	11.7	-6.0	-16	-21	574.4	-99.4	10.1	78.8	15.3
13TH	123.33	19.4	-11.7	1554	2294	12.5	-5.1	-13	-22	556.2	-85.7	9.0	71.8	14.7
14TH	135.66	20.7	-9.7	1554	2294	13.3	-4.2	-11	-23	536.8	-74.0	8.0	65.1	14.1
15TH	148.00	21.9	-7.7	1554	2294	14.1	-3.4	-8	-23	516.1	-64.3	7.1	58.6	13.5
16TH	160.33	23.2	-5.8	1554	2294	14.9	-2.5	-5	-22	494.2	-56.5	6.4	52.4	13.0
17TH	172.66	24.4	-3.8	1554	2294	15.7	-1.6	-3	-21	471.0	-50.8	5.7	46.4	12.4
18TH	185.00	25.7	-2.8	1554	2294	16.5	-1.2	-2	-21	446.5	-47.0	5.1	40.8	11.9
19TH	197.33	27.0	-2.5	1554	2294	17.4	-1.1	-2	-21	420.8	-44.2	4.6	35.4	11.4
20TH	209.66	28.3	-2.2	1554	2294	18.2	-.9	-2	-22	393.9	-41.6	4.0	30.4	10.8
21ST	222.00	29.6	-1.8	1554	2294	19.0	-.8	-1	-22	365.6	-39.5	3.5	25.7	10.2
22ND	234.33	30.9	-1.5	1554	2294	19.9	-.7	-1	-22	336.0	-37.6	3.1	21.4	9.5
23RD	246.66	32.2	-1.2	1554	2294	20.7	-.5	-1	-22	305.1	-36.1	2.6	17.4	8.9
24TH	258.99	33.3	-1.1	1554	2294	21.5	-.5	-1	-22	272.9	-34.9	2.2	13.9	8.1
25TH	271.33	33.6	-2.3	1554	2294	21.6	-1.0	-2	-24	239.6	-33.9	1.7	10.7	7.4
26TH	283.66	33.9	-3.5	1554	2294	21.8	-1.5	-3	-25	206.0	-31.6	1.3	8.0	6.6
27TH	295.99	34.2	-4.7	1554	2294	22.0	-2.0	-4	-26	172.1	-28.1	1.0	5.6	5.7
28TH	308.33	34.3	-5.8	1554	2294	22.1	-2.5	-5	-27	137.9	-23.4	.7	3.7	4.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 280		CONFIGURATION A				TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE				REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66									103.6	-17.6	.4	2.2	3.9	
		33.1	-6.1	1554	2294	21.3	-2.6	-5	-27						
30TH	332.99									70.4	-11.6	.2	1.1	3.0	
		31.8	-6.3	1554	2294	20.5	-2.8	-5	-28						
31ST	345.33									38.6	-5.2	.1	.5	2.0	
		21.1	1.1	1264	2294	16.7	.5	2	-35						
32ND	357.66									17.5	-6.4	.0	.1	1.3	
		17.5	-6.4	1441	2792	12.2	-2.3	-24	-66						
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 290

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									614.5	-143.4	15.8	132.6	29.8
5TH	24.67	22.4	-15.5	2238	4588	10.0	-3.4	-28	-40	592.1	-127.9	12.5	117.8	28.5
6TH	37.00	11.8	-7.7	1554	2294	7.6	-3.4	-24	-37	580.2	-120.2	10.9	110.5	27.9
7TH	49.33	11.9	-9.2	1554	2294	7.6	-4.0	-24	-31	568.4	-111.0	9.5	103.4	27.3
8TH	61.67	12.0	-10.5	1554	2294	7.7	-4.6	-24	-27	556.4	-100.5	8.2	96.5	26.7
9TH	74.00	12.2	-11.6	1554	2294	7.8	-5.1	-23	-25	544.2	-88.9	7.0	89.7	26.1
10TH	86.33	12.4	-12.7	1554	2294	8.0	-5.5	-23	-23	531.8	-76.3	6.0	83.1	25.6
11TH	98.67	12.6	-13.8	1554	2294	8.1	-6.0	-23	-21	519.2	-62.5	5.2	76.6	25.0
12TH	111.00	13.3	-12.7	1554	2294	8.6	-5.5	-28	-29	505.9	-49.8	4.5	70.3	24.2
13TH	123.33	14.6	-10.9	1554	2294	9.4	-4.8	-27	-35	491.3	-38.9	3.9	64.1	23.4
14TH	135.66	15.9	-9.1	1554	2294	10.3	-4.0	-23	-40	475.4	-29.8	3.5	58.2	22.6
15TH	148.00	17.3	-7.2	1554	2294	11.1	-3.1	-18	-43	458.1	-22.6	3.2	52.4	21.7
16TH	160.33	18.7	-5.3	1554	2294	12.0	-2.3	-13	-45	439.4	-17.3	2.9	46.9	20.8
17TH	172.66	20.0	-3.5	1554	2294	12.9	-1.5	-8	-46	419.4	-13.8	2.7	41.6	19.9
18TH	185.00	21.4	-1.6	1554	2294	13.8	-.7	-3	-45	398.0	-12.2	2.6	36.5	18.9
19TH	197.33	22.5	-.5	1554	2294	14.5	-.2	-1	-45	375.5	-11.7	2.4	31.8	17.9
20TH	209.66	23.7	.1	1554	2294	15.2	.0	0	-44	351.9	-11.8	2.3	27.3	16.8
21ST	222.00	24.9	.7	1554	2294	16.0	.3	1	-43	327.0	-12.6	2.1	23.1	15.8
22ND	234.33	26.0	1.3	1554	2294	16.8	.6	2	-42	301.0	-13.9	2.0	19.2	14.7
23RD	246.66	27.2	2.0	1554	2294	17.5	.9	3	-41	273.7	-15.9	1.8	15.7	13.5
24TH	258.99	28.4	2.6	1554	2294	18.3	1.1	4	-40	245.3	-18.4	1.6	12.5	12.4
25TH	271.33	29.5	2.8	1554	2294	19.0	1.2	4	-40	215.8	-21.3	1.3	9.6	11.2
26TH	283.66	30.0	1.1	1554	2294	19.3	.5	2	-43	185.8	-22.4	1.1	7.2	9.9
27TH	295.99	30.5	-.6	1554	2294	19.6	-.3	-1	-46	155.3	-21.7	.8	5.1	8.5
28TH	308.33	31.1	-2.4	1554	2294	20.0	-1.0	-4	-48	124.2	-19.4	.5	3.3	7.0
		31.4	-4.1	1554	2294	20.2	-1.8	-6	-49					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	29.7	-5.8	1554	2294	19.1	-2.5	-10	-49	92.9	-15.3	.3	2.0	5.4
30TH	332.99	28.1	-7.4	1554	2294	18.1	-3.2	-13	-48	63.1	-9.5	.2	1.0	3.9
31ST	345.33	19.1	3.8	1264	2294	15.1	1.6	10	-50	35.0	-2.1	.1	.4	2.5
32ND	357.66	15.9	-5.9	1441	2792	11.0	-2.1	-30	-82	15.9	-5.9	.0	.1	1.5
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 300

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									344.3	-318.9	46.2	77.1	43.7
5TH	24.67	12.2	-34.5	2238	4588	5.5	-7.5	-44	-16	332.1	-284.4	38.7	68.8	41.9
6TH	37.00	3.1	-15.9	1554	2294	2.0	-6.9	-64	-13	329.0	-268.5	35.3	64.7	40.9
7TH	49.33	3.6	-16.7	1554	2294	2.3	-7.3	-56	-12	325.3	-251.9	32.1	60.7	39.9
8TH	61.67	4.1	-17.1	1554	2294	2.6	-7.5	-51	-12	321.2	-234.7	29.1	56.7	39.0
9TH	74.00	4.5	-17.2	1554	2294	2.9	-7.5	-49	-13	316.7	-217.5	26.3	52.8	38.1
10TH	86.33	4.9	-17.4	1554	2294	3.2	-7.6	-47	-13	311.8	-200.1	23.7	48.9	37.2
11TH	98.67	5.3	-17.5	1554	2294	3.4	-7.6	-44	-14	306.5	-182.6	21.4	45.1	36.4
12TH	111.00	6.4	-15.0	1554	2294	4.1	-6.6	-59	-25	300.1	-167.6	19.2	41.3	35.3
13TH	123.33	7.6	-13.6	1554	2294	4.9	-5.9	-64	-36	292.4	-154.0	17.2	37.7	34.2
14TH	135.66	8.8	-12.3	1554	2294	5.7	-5.4	-65	-46	283.6	-141.7	15.4	34.1	33.0
15TH	148.00	10.1	-11.0	1554	2294	6.5	-4.8	-63	-57	273.5	-130.6	13.7	30.7	31.7
16TH	160.33	11.3	-9.7	1554	2294	7.3	-4.2	-59	-68	262.3	-120.9	12.2	27.4	30.4
17TH	172.66	12.5	-8.4	1554	2294	8.0	-3.7	-52	-77	249.8	-112.5	10.7	24.2	29.0
18TH	185.00	13.7	-7.1	1554	2294	8.8	-3.1	-44	-84	236.1	-105.4	9.4	21.2	27.5
19TH	197.33	14.4	-6.6	1554	2294	9.3	-2.9	-41	-88	221.7	-98.7	8.1	18.4	26.0
20TH	209.66	14.9	-6.6	1554	2294	9.6	-2.9	-40	-91	206.8	-92.2	7.0	15.8	24.3
21ST	222.00	15.4	-6.5	1554	2294	9.9	-2.9	-40	-94	191.4	-85.6	5.9	13.3	22.6
22ND	234.33	15.9	-6.5	1554	2294	10.2	-2.8	-39	-96	175.5	-79.1	4.8	11.1	20.8
23RD	246.66	16.4	-6.5	1554	2294	10.6	-2.8	-39	-98	159.0	-72.6	3.9	9.0	19.0
24TH	258.99	16.9	-6.4	1554	2294	10.9	-2.8	-38	-101	142.1	-66.2	3.1	7.1	17.0
25TH	271.33	17.3	-6.6	1554	2294	11.2	-2.9	-39	-102	124.7	-59.6	2.3	5.5	15.0
26TH	283.66	17.7	-7.9	1554	2294	11.4	-3.5	-44	-99	107.1	-51.6	1.6	4.1	12.9
27TH	295.99	18.1	-9.3	1554	2294	11.6	-4.0	-49	-95	89.0	-42.4	1.0	2.9	10.7
28TH	308.33	18.5	-10.6	1554	2294	11.9	-4.6	-53	-92	70.5	-31.8	.6	1.9	8.5
		18.6	-11.8	1554	2294	12.0	-5.1	-56	-88					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 300													TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
CONFIGURATION A																												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
29TH	320.66	16.9	-11.9	1554	2294	10.8	-5.2	-59	-84	51.9	-20.0	.2	1.1	6.2														
30TH	332.99	15.1	-11.9	1554	2294	9.7	-5.2	-63	-79	35.1	-8.1	.1	.6	4.1														
31ST	345.33	11.2	8.2	1264	2294	8.8	3.6	32	-44	19.9	3.8	.0	.2	2.1														
32ND	357.66	8.7	-4.4	1441	2792	6.1	-1.6	-62	-124	8.7	-4.4	.0	.1	1.4														
TOP	372.67									0.0	0.0	0.0	0.0	0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	9.8	-38.8	2238	4588	4.4	-8.5	-36	-9	253.0	-323.5	39.9	60.3	43.9
5TH	24.67	-1.2	-18.2	1554	2294	-7	-8.0	-62	4	243.2	-284.7	32.4	54.2	42.4
6TH	37.00	-3	-19.1	1554	2294	-2	-8.3	-56	1	244.4	-266.5	29.0	51.2	41.3
7TH	49.33	2	-19.6	1554	2294	1	-8.6	-52	-1	244.7	-247.4	25.8	48.2	40.2
8TH	61.67	4	-19.7	1554	2294	2	-8.6	-51	-1	244.5	-227.7	22.9	45.2	39.2
9TH	74.00	6	-19.8	1554	2294	4	-8.6	-50	-1	244.1	-208.0	20.2	42.1	38.2
10TH	86.33	8	-19.9	1554	2294	5	-8.7	-49	-2	243.5	-188.2	17.7	39.1	37.2
11TH	98.67	1.7	-17.2	1554	2294	1.1	-7.5	-69	-7	242.8	-168.2	15.5	36.1	36.2
12TH	111.00	3.2	-15.6	1554	2294	2.1	-6.8	-80	-17	241.1	-151.0	13.6	33.2	35.0
13TH	123.33	4.8	-14.2	1554	2294	3.1	-6.2	-86	-30	237.9	-135.5	11.8	30.2	33.7
14TH	135.66	6.5	-12.7	1554	2294	4.2	-5.6	-89	-45	233.1	-121.3	10.2	27.3	32.3
15TH	148.00	8.1	-11.3	1554	2294	5.2	-4.9	-88	-63	226.6	-108.5	8.8	24.5	30.9
16TH	160.33	9.7	-9.9	1554	2294	6.2	-4.3	-81	-79	218.5	-97.2	7.5	21.7	29.4
17TH	172.66	11.3	-8.5	1554	2294	7.3	-3.7	-69	-92	208.8	-87.3	6.4	19.1	27.8
18TH	185.00	12.4	-7.7	1554	2294	7.9	-3.3	-61	-99	197.5	-78.9	5.4	16.6	26.2
19TH	197.33	13.1	-7.3	1554	2294	8.4	-3.2	-57	-102	185.1	-71.2	4.5	14.2	24.5
20TH	209.66	13.9	-6.9	1554	2294	8.9	-3.0	-52	-105	172.0	-63.9	3.6	12.0	22.8
21ST	222.00	14.7	-6.5	1554	2294	9.4	-2.8	-47	-107	158.1	-57.1	2.9	10.0	20.9
22ND	234.33	15.5	-6.0	1554	2294	9.9	-2.6	-43	-109	143.4	-50.6	2.2	8.1	19.1
23RD	246.66	16.2	-5.6	1554	2294	10.4	-2.5	-38	-110	127.9	-44.6	1.6	6.4	17.1
24TH	258.99	16.8	-5.4	1554	2294	10.8	-2.4	-36	-111	111.7	-38.9	1.1	5.0	15.1
25TH	271.33	16.4	-6.5	1554	2294	10.6	-2.8	-43	-109	94.9	-33.5	.7	3.7	13.0
26TH	283.66	16.0	-7.6	1554	2294	10.3	-3.3	-50	-106	78.5	-27.0	.3	2.6	11.0
27TH	295.99	15.5	-8.7	1554	2294	10.0	-3.8	-57	-102	62.5	-19.4	.0	1.8	8.9
28TH	308.33	14.9	-9.5	1554	2294	9.6	-4.2	-63	-99	47.0	-10.7	-.2	1.1	6.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	12.8	-8.4	1554	2294	8.2	-3.7	-70	-105	32.1	-1.2	-.3	.6	4.7
30TH	332.99	10.6	-7.3	1554	2294	6.8	-3.2	-79	-114	19.3	7.2	-.2	.3	2.8
31ST	345.33	5.2	14.8	1264	2294	4.1	6.5	6	-2	8.7	14.6	-.1	.1	1.0
32ND	357.66	3.6	-.2	1441	2792	2.5	-.1	-17	-260	3.6	-.2	.0	.0	.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	9.5	-38.8	2238	4588	4.3	-8.4	-30	-7	237.1	-323.2	37.4	56.7	40.2
5TH	24.67	.1	-18.7	1554	2294	.1	-8.2	-50	-0	227.6	-284.4	29.9	50.9	38.9
6TH	37.00	.8	-19.8	1554	2294	.5	-8.6	-46	-2	227.5	-265.7	26.5	48.1	38.0
7TH	49.33	1.1	-20.4	1554	2294	.7	-8.9	-45	-2	226.7	-245.9	23.4	45.3	37.1
8TH	61.67	1.0	-20.4	1554	2294	.7	-8.9	-46	-2	225.6	-225.5	20.5	42.5	36.2
9TH	74.00	.9	-20.4	1554	2294	.6	-8.9	-46	-2	224.6	-205.1	17.8	39.8	35.2
10TH	86.33	.8	-20.5	1554	2294	.5	-8.9	-49	-2	223.7	-184.7	15.4	37.0	34.2
11TH	98.67	1.3	-17.8	1554	2294	.8	-7.7	-72	-5	222.9	-164.2	13.3	34.2	33.2
12TH	111.00	2.6	-16.2	1554	2294	1.7	-7.1	-82	-13	221.6	-146.4	11.3	31.5	32.0
13TH	123.33	4.0	-14.8	1554	2294	2.5	-6.5	-89	-24	219.0	-130.3	9.6	28.8	30.6
14TH	135.66	5.3	-13.5	1554	2294	3.4	-5.9	-94	-37	215.0	-115.4	8.1	26.1	29.2
15TH	148.00	6.7	-12.1	1554	2294	4.3	-5.3	-96	-53	209.7	-102.0	6.8	23.5	27.7
16TH	160.33	8.1	-10.7	1554	2294	5.2	-4.7	-93	-70	203.0	-89.9	5.6	20.9	26.2
17TH	172.66	9.4	-9.4	1554	2294	6.1	-4.1	-85	-86	194.9	-79.1	4.6	18.5	24.6
18TH	185.00	10.4	-8.6	1554	2294	6.7	-3.7	-77	-94	185.5	-69.7	3.6	16.1	23.0
19TH	197.33	11.3	-8.1	1554	2294	7.3	-3.5	-70	-97	175.1	-61.2	2.8	13.9	21.4
20TH	209.66	12.2	-7.6	1554	2294	7.8	-3.3	-62	-100	163.8	-53.1	2.1	11.8	19.7
21ST	222.00	13.1	-7.1	1554	2294	8.4	-3.1	-55	-101	151.6	-45.5	1.5	9.9	18.0
22ND	234.33	14.0	-6.6	1554	2294	9.0	-2.9	-49	-102	138.5	-38.3	1.0	8.1	16.3
23RD	246.66	14.9	-6.2	1554	2294	9.6	-2.7	-42	-102	124.5	-31.7	.6	6.5	14.6
24TH	258.99	15.6	-5.8	1554	2294	10.1	-2.5	-38	-101	109.7	-25.5	.2	5.0	12.8
25TH	271.33	15.4	-6.1	1554	2294	9.9	-2.6	-39	-100	94.0	-19.7	-.1	3.8	11.0
26TH	283.66	15.2	-6.3	1554	2294	9.8	-2.8	-41	-99	78.6	-13.7	-.3	2.7	9.2
27TH	295.99	14.9	-6.6	1554	2294	9.6	-2.9	-43	-98	63.4	-7.3	-.4	1.8	7.5
28TH	308.33	14.6	-6.8	1554	2294	9.4	-2.9	-45	-97	48.5	-.7	-.4	1.1	5.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	13.1	-5.7	1554	2294	8.4	-2.5	-44	-102	33.9	6.1	-.4	.6	4.0
30TH	332.99	11.5	-4.6	1554	2294	7.4	-2.0	-43	-108	20.8	11.7	-.3	.3	2.4
31ST	345.33	5.4	13.8	1264	2294	4.3	6.0	4	-2	9.3	16.3	-.1	.1	1.0
32ND	357.66	3.9	2.5	1441	2792	2.7	.9	106	-164	3.9	2.5	-.0	.0	.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	5.1	-37.1	2238	4588	2.3	-8.1	-33	-5	155.2	-230.2	20.3	36.8	33.2
5TH	24.67	-1.7	-16.8	1554	2294	-1.4	-7.3	-52	2	150.0	-193.1	15.1	33.0	31.9
6TH	37.00	.2	-17.4	1554	2294	.2	-7.6	-48	-1	150.7	-176.3	12.8	31.2	31.1
7TH	49.33	.8	-17.5	1554	2294	.5	-7.6	-48	-2	150.5	-158.9	10.7	29.3	30.2
8TH	61.67	-1.9	-16.9	1554	2294	.6	-7.4	-53	-3	149.7	-141.4	8.9	27.5	29.4
9TH	74.00	.9	-16.4	1554	2294	.6	-7.1	-58	-3	148.8	-124.4	7.2	25.6	28.5
10TH	86.33	1.0	-15.8	1554	2294	.7	-6.9	-63	-4	147.9	-108.1	5.8	23.8	27.5
11TH	98.67	1.4	-13.3	1554	2294	.9	-5.8	-90	-10	146.9	-92.3	4.6	22.0	26.5
12TH	111.00	2.3	-11.9	1554	2294	1.5	-5.2	-102	-19	145.5	-79.0	3.5	20.2	25.3
13TH	123.33	3.2	-10.8	1554	2294	2.1	-4.7	-110	-33	143.2	-67.0	2.6	18.4	24.0
14TH	135.66	4.1	-9.6	1554	2294	2.7	-4.2	-115	-49	140.0	-56.2	1.8	16.7	22.8
15TH	148.00	5.1	-8.5	1554	2294	3.3	-3.7	-115	-69	135.9	-46.6	1.2	15.0	21.5
16TH	160.33	6.0	-7.3	1554	2294	3.9	-3.2	-110	-90	130.8	-38.2	.7	13.3	20.1
17TH	172.66	6.9	-6.2	1554	2294	4.5	-2.7	-98	-110	124.8	-30.8	.3	11.7	18.8
18TH	185.00	7.5	-5.4	1554	2294	4.8	-2.4	-87	-120	117.9	-24.7	-.1	10.2	17.4
19TH	197.33	7.8	-4.9	1554	2294	5.0	-2.1	-79	-124	110.4	-19.3	-.3	8.8	16.1
20TH	209.66	8.1	-4.4	1554	2294	5.2	-1.9	-70	-128	102.7	-14.3	-.6	7.5	14.7
21ST	222.00	8.4	-3.9	1554	2294	5.4	-1.7	-62	-130	94.6	-9.9	-.7	6.3	13.4
22ND	234.33	8.7	-3.5	1554	2294	5.6	-1.5	-53	-132	86.3	-6.0	-.8	5.2	12.0
23RD	246.66	9.0	-3.0	1554	2294	5.8	-1.3	-44	-132	77.6	-2.5	-.9	4.2	10.7
24TH	258.99	9.2	-2.5	1554	2294	6.0	-1.1	-36	-131	68.7	.4	-.9	3.3	9.4
25TH	271.33	9.2	-2.5	1554	2294	5.9	-1.1	-35	-130	59.4	3.0	-.8	2.5	8.1
26TH	283.66	9.1	-2.5	1554	2294	5.9	-1.1	-35	-129	50.2	5.5	-.8	1.8	6.8
27TH	295.99	9.1	-2.4	1554	2294	5.8	-1.1	-35	-129	41.1	7.9	-.7	1.3	5.5
28TH	308.33	8.9	-2.3	1554	2294	5.7	-1.0	-33	-129	32.0	10.4	-.6	.8	4.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									23.1	12.6	-.5	.5	3.1
30TH	332.99	8.2	-1.1	1554	2294	5.3	-.5	-18	-134	14.9	13.7	-.3	.2	1.9
31ST	345.33	7.4	.1	1554	2294	4.8	.0	2	-136	7.4	13.6	-.1	.1	.9
32ND	357.66	4.2	10.7	1264	2294	3.3	4.7	11	-4	3.3	2.9	-.0	.0	.8
TOP	372.67	3.3	2.9	1441	2792	2.3	1.0	122	-136	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	9.6	-33.4	2238	4588	4.3	-7.3	-47	-13	137.2	-6.7	-25.3	23.7	16.6
5TH	24.67	3.9	-12.3	1554	2294	2.5	-5.4	-69	-22	127.6	26.7	-25.1	20.4	15.0
6TH	37.00	4.5	-12.0	1554	2294	2.9	-5.2	-65	-24	123.7	39.0	-24.7	18.9	14.0
7TH	49.33	4.8	-11.4	1554	2294	3.1	-5.0	-64	-27	119.3	51.0	-24.1	17.4	13.1
8TH	61.67	4.7	-10.2	1554	2294	3.0	-4.5	-69	-32	114.5	62.4	-23.4	15.9	12.3
9TH	74.00	4.7	-9.1	1554	2294	3.0	-4.0	-75	-39	109.8	72.6	-22.6	14.5	11.4
10TH	86.33	4.7	-8.0	1554	2294	3.0	-3.5	-81	-48	105.1	81.7	-21.6	13.2	10.6
11TH	98.67	5.0	-5.8	1554	2294	3.2	-2.5	-96	-82	100.4	89.8	-20.6	11.9	9.7
12TH	111.00	5.2	-4.5	1554	2294	3.4	-2.0	-89	-103	95.4	95.6	-19.4	10.7	8.7
13TH	123.33	5.4	-3.3	1554	2294	3.5	-1.5	-73	-119	90.1	100.1	-18.2	9.6	7.8
14TH	135.66	5.6	-2.2	1554	2294	3.6	-.9	-50	-130	84.7	103.4	-17.0	8.5	6.9
15TH	148.00	5.8	-1.0	1554	2294	3.7	-.4	-23	-132	79.1	105.6	-15.7	7.5	6.0
16TH	160.33	6.0	.2	1554	2294	3.8	.1	3	-123	73.3	106.6	-14.4	6.6	5.3
17TH	172.66	6.2	1.3	1554	2294	4.0	.6	23	-106	67.4	106.4	-13.1	5.7	4.5
18TH	185.00	6.1	2.2	1554	2294	3.9	1.0	33	-90	61.2	105.1	-11.8	4.9	3.8
19TH	197.33	5.7	3.0	1554	2294	3.7	1.3	41	-77	55.1	102.9	-10.5	4.2	3.2
20TH	209.66	5.3	3.8	1554	2294	3.4	1.7	45	-63	49.4	99.8	-9.2	3.5	2.6
21ST	222.00	4.9	4.6	1554	2294	3.2	2.0	45	-49	44.1	96.0	-8.0	3.0	2.1
22ND	234.33	4.5	5.4	1554	2294	2.9	2.3	42	-36	39.1	91.4	-6.9	2.5	1.7
23RD	246.66	4.2	6.2	1554	2294	2.7	2.7	37	-25	34.6	86.0	-5.8	2.0	1.3
24TH	258.99	3.8	6.9	1554	2294	2.4	3.0	30	-17	30.4	79.9	-4.8	1.6	1.0
25TH	271.33	3.7	7.4	1554	2294	2.4	3.2	25	-13	26.6	73.0	-3.8	1.2	.7
26TH	283.66	3.6	7.9	1554	2294	2.3	3.4	20	-9	22.9	65.6	-3.0	.9	.5
27TH	295.99	3.5	8.4	1554	2294	2.3	3.7	16	-7	19.3	57.7	-2.2	.7	.3
28TH	308.33	3.5	8.9	1554	2294	2.2	3.9	11	-4	15.8	49.3	-1.5	.5	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 340														
TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE REFERENCE PRESSURE 22.0 PSF														
CONFIGURATION A														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	3.5	10.0	1554	2294	2.2	4.3	5	-2	12.4	40.3	-1.0	.3	.0
30TH	332.99	3.4	11.0	1554	2294	2.2	4.8	0	-0	8.9	30.4	-.6	.2	-.1
31ST	345.33	3.1	10.0	1264	2294	2.4	4.4	-5	2	5.5	19.4	-.2	.1	-.1
32ND	357.66	2.4	9.4	1441	2792	1.7	3.4	0	-0	2.4	9.4	-.1	.0	.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	16.3	-24.9	2238	4588	7.3	-5.4	-52	-34	270.2	208.8	-62.4	45.8	7.2
5TH	24.67	9.3	-6.0	1554	2294	6.0	-2.6	-43	-66	253.9	233.7	-56.9	39.3	5.3
6TH	37.00	9.9	-4.8	1554	2294	6.3	-2.1	-32	-66	244.6	239.7	-54.0	36.2	4.5
7TH	49.33	10.3	-3.4	1554	2294	6.7	-1.5	-21	-64	234.7	244.5	-51.0	33.3	3.7
8TH	61.67	10.7	-1.7	1554	2294	6.9	-.8	-10	-63	224.4	247.9	-48.0	30.5	2.9
9TH	74.00	11.2	-.1	1554	2294	7.2	-.0	-0	-59	213.6	249.6	-44.9	27.8	2.2
10TH	86.33	11.6	1.6	1554	2294	7.4	.7	7	-52	202.5	249.7	-41.9	25.2	1.6
11TH	98.67	12.0	3.9	1554	2294	7.7	1.7	15	-46	190.9	248.1	-38.8	22.8	1.0
12TH	111.00	11.8	5.1	1554	2294	7.6	2.2	17	-39	179.0	244.2	-35.7	20.5	.3
13TH	123.33	11.4	6.1	1554	2294	7.4	2.7	17	-31	167.2	239.1	-32.8	18.3	-.2
14TH	135.66	11.1	7.1	1554	2294	7.2	3.1	15	-24	155.8	233.0	-29.9	16.4	-.7
15TH	148.00	10.8	8.1	1554	2294	6.9	3.5	13	-18	144.7	225.8	-27.0	14.5	-1.0
16TH	160.33	10.5	9.1	1554	2294	6.7	4.0	10	-12	133.9	217.7	-24.3	12.8	-1.3
17TH	172.66	10.2	10.1	1554	2294	6.5	4.4	6	-6	123.4	208.6	-21.7	11.2	-1.6
18TH	185.00	9.8	10.8	1554	2294	6.3	4.7	4	-3	113.2	198.5	-19.2	9.7	-1.7
19TH	197.33	9.3	11.4	1554	2294	6.0	5.0	2	-2	103.4	187.7	-16.8	8.4	-1.8
20TH	209.66	8.8	11.9	1554	2294	5.7	5.2	0	-0	94.1	176.3	-14.5	7.2	-1.8
21ST	222.00	8.4	12.5	1554	2294	5.4	5.4	-2	1	85.3	164.4	-12.4	6.1	-1.8
22ND	234.33	7.9	13.0	1554	2294	5.1	5.7	-4	2	76.9	151.9	-10.5	5.1	-1.8
23RD	246.66	7.4	13.5	1554	2294	4.8	5.9	-6	3	69.0	138.9	-8.7	4.2	-1.7
24TH	258.99	7.0	14.0	1554	2294	4.5	6.1	-8	4	61.6	125.4	-7.1	3.4	-1.6
25TH	271.33	7.0	13.8	1554	2294	4.5	6.0	-9	5	54.6	111.4	-5.6	2.7	-1.5
26TH	283.66	7.0	13.7	1554	2294	4.5	6.0	-10	5	47.7	97.6	-4.3	2.0	-1.3
27TH	295.99	7.1	13.5	1554	2294	4.6	5.9	-11	6	40.6	83.9	-3.2	1.5	-1.1
28TH	308.33	7.1	13.4	1554	2294	4.6	5.8	-12	6	33.6	70.4	-2.2	1.0	-.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE														
WIND DIRECTION 350		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	7.0	13.9	1554	2294	4.5	6.1	-12	6	26.4	57.0	-1.4	.6	-.7
30TH	332.99	6.8	14.5	1554	2294	4.4	6.3	-13	6	19.5	43.0	-.8	.4	-.5
31ST	345.33	6.0	13.1	1264	2294	4.8	5.7	-9	4	12.7	28.6	-.4	.2	-.3
32ND	357.66	6.6	15.5	1441	2792	4.6	5.5	-9	4	6.6	15.5	-.1	.0	-.2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER, DATA ON TOWER A, WITH TOWER B IN PLACE
 PROJECT 5210 CONFIGURATION A
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 29

SIDE	ANGLE	Z-AXIS
1	0.0	1.890
2	90.0	2.790
3	180.0	1.890
4	270.0	2.790

FLOOR #	LABEL	HEIGHT-FT
1	4TH	24.67
2	5TH	12.33
3	6TH	12.33
4	7TH	12.33
5	8TH	12.33
6	9TH	12.33
7	10TH	12.33
8	11TH	12.33
9	12TH	12.33
10	13TH	12.33
11	14TH	12.33
12	15TH	12.33
13	16TH	12.33
14	17TH	12.33
15	18TH	12.33
16	19TH	12.33
17	20TH	12.33
18	21ST	12.33
19	22ND	12.33
20	23RD	12.33
21	24TH	12.33
22	25TH	12.33
23	26TH	12.33
24	27TH	12.33
25	28TH	12.33
26	29TH	12.33
27	30TH	12.33
28	31ST	12.33
29	32ND	15.00

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
 CONFIGURATION B REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-686.3	-1607.7	297.5	-121.2	-6.9	4	-2
10	-669.2	-1389.1	261.7	-117.0	-13.8	8	-4
20	-561.0	-1148.2	221.5	-97.8	-14.9	11	-5
30	-404.2	-788.9	151.3	-61.0	-13.8	14	-7
40	-278.5	-217.7	37.9	-35.0	-12.9	22	-29
50	-226.0	125.7	-27.5	-31.5	-17.8	-33	-60
60	-118.0	493.9	-102.7	-12.1	-14.0	-27	-6
70	-21.6	675.8	-146.3	8.5	-9.3	-12	-0
80	81.5	721.7	-166.9	34.5	4.9	7	-1
90	31.3	359.3	-101.5	17.5	6.2	17	-2
100	34.0	318.5	-103.3	16.8	7.2	22	-2
110	46.0	473.0	-127.1	16.5	6.7	14	-1
120	-13.2	524.5	-123.8	1.0	-1.4	-1	-0
130	-7.4	579.7	-137.3	-2.1	-1.9	-3	-0
140	-134.5	999.7	-215.7	-34.0	-13.6	-13	-2
150	-84.7	1531.9	-328.7	-30.6	-15.3	-10	-1
160	148.6	1326.6	-281.6	21.7	-12.1	-9	1
170	385.0	1179.1	-247.8	71.2	-13.1	-10	3
180	503.9	1129.9	-236.0	93.8	-13.7	-10	5
190	486.2	958.3	-193.1	93.8	-10.9	-9	5
200	668.4	673.2	-123.2	139.0	-1.5	-1	1
210	618.0	612.4	-112.3	137.0	-3.4	-3	3
220	788.4	237.7	-32.3	173.8	-2.5	-1	-3
230	861.7	172.0	-19.1	182.5	-5.0	-1	-6
240	890.9	323.2	-70.5	190.6	-22.6	-8	22
250	961.9	269.4	-71.0	214.6	-13.9	-4	13
260	1026.7	57.0	-33.4	238.3	-7.7	-0	1
270	858.6	-129.3	14.8	202.1	9.9	-2	-11
280	617.9	-185.6	39.2	142.7	14.5	-6	-22
290	477.8	-315.6	77.6	104.8	11.5	-11	-17
300	155.0	-610.3	127.7	32.1	19.8	-30	-8
310	-151.4	-985.2	184.1	-29.2	31.5	-31	5
320	-322.5	-1242.6	224.4	-57.7	29.9	-23	6
330	-416.1	-1456.0	262.1	-71.2	21.1	-13	4
340	-517.2	-1592.5	288.6	-89.7	11.8	-7	2
350	-651.9	-1652.9	303.8	-113.1	1.4	-1	0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 0		CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-31.2	-86.8	2238	4388	-13.9	-18.9	25	-9	-686.3	-1607.7	297.5	-121.2	-6.9
5TH	24.67	-28.1	-45.2	1554	2294	-18.1	-19.7	11	-7	-655.0	-1520.9	258.9	-104.7	-4.5
6TH	37.00	-27.9	-47.0	1554	2294	-17.9	-20.5	10	-6	-626.9	-1475.7	240.4	-96.8	-3.8
7TH	49.33	-27.2	-48.9	1554	2294	-17.5	-21.3	9	-5	-599.0	-1428.7	222.5	-89.2	-3.2
8TH	61.67	-25.9	-50.8	1554	2294	-16.7	-22.2	8	-4	-571.9	-1379.9	205.2	-82.0	-2.6
9TH	74.00	-24.7	-52.8	1554	2294	-15.9	-23.0	7	-3	-545.9	-1329.0	188.5	-75.1	-2.1
10TH	86.33	-23.4	-54.8	1554	2294	-15.1	-23.9	6	-3	-521.2	-1276.2	172.4	-68.5	-1.6
11TH	98.67	-26.6	-54.7	1554	2294	-17.1	-23.9	2	-1	-497.8	-1221.4	157.0	-62.2	-1.2
12TH	111.00	-26.8	-55.4	1554	2294	-17.2	-24.1	1	-1	-471.2	-1166.6	142.3	-56.3	-1.0
13TH	123.33	-26.0	-56.3	1554	2294	-16.7	-24.5	1	-0	-444.4	-1111.3	128.3	-50.6	-.9
14TH	135.66	-25.2	-57.2	1554	2294	-16.2	-25.0	0	-0	-418.4	-1055.0	114.9	-45.3	-.9
15TH	148.00	-24.4	-58.2	1554	2294	-15.7	-25.4	-0	0	-393.2	-997.7	102.2	-40.3	-.8
16TH	160.33	-23.6	-59.1	1554	2294	-15.2	-25.8	-0	0	-368.8	-939.6	90.3	-35.6	-.8
17TH	172.66	-22.8	-60.1	1554	2294	-14.7	-26.2	-1	0	-345.2	-880.4	79.1	-31.2	-.9
18TH	185.00	-22.5	-60.6	1554	2294	-14.5	-26.4	-1	0	-322.4	-820.3	68.6	-27.1	-.9
19TH	197.33	-22.9	-60.9	1554	2294	-14.7	-26.5	-1	0	-299.8	-759.7	58.8	-23.2	-1.0
20TH	209.66	-23.3	-61.2	1554	2294	-15.0	-26.7	-1	0	-276.9	-698.8	49.8	-19.7	-1.1
21ST	222.00	-23.6	-61.4	1554	2294	-15.2	-26.8	-1	0	-253.7	-637.7	41.6	-16.4	-1.1
22ND	234.33	-24.0	-61.7	1554	2294	-15.4	-26.9	-1	0	-230.1	-576.2	34.1	-13.4	-1.2
23RD	246.66	-24.3	-62.0	1554	2294	-15.7	-27.0	-1	0	-206.1	-514.5	27.4	-10.7	-1.3
24TH	258.99	-24.7	-62.1	1554	2294	-15.9	-27.1	-1	0	-181.7	-452.6	21.4	-8.4	-1.3
25TH	271.33	-24.8	-61.6	1554	2294	-16.0	-26.9	-1	0	-157.1	-390.4	16.2	-6.3	-1.4
26TH	283.66	-25.0	-61.1	1554	2294	-16.1	-26.6	-1	0	-132.2	-328.8	11.8	-4.5	-1.4
27TH	295.99	-25.2	-60.5	1554	2294	-16.2	-26.4	-0	0	-107.2	-267.7	8.1	-3.0	-1.5
28TH	308.33	-25.2	-59.5	1554	2294	-16.2	-26.0	-0	0	-82.1	-207.2	5.2	-1.8	-1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION		0		CONFIGURATION B		REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32						
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-23.6	-53.9	1554	2294	-15.2	-23.5	0	-0	-56.9	-147.6	3.0	-1.0	-1.5
30TH	332.99	-22.0	-48.3	1554	2294	-14.1	-21.1	1	-0	-33.3	-93.7	1.5	-.4	-1.5
31ST	345.33	-5.8	-18.1	1264	2294	-4.6	-7.9	25	-8	-11.3	-45.4	.7	-.1	-1.4
32ND	357.66	-5.5	-27.2	1441	2792	-3.8	-9.8	33	-7	-5.5	-27.2	.2	-.0	-.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10		CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-30.6	-73.5	2238	4588	-13.7	-16.0	28	-12	-669.2	-1389.1	261.7	-117.0	-13.8
5TH	24.67	-26.6	-38.4	1554	2294	-17.1	-16.7	14	-10	-638.6	-1315.5	228.3	-100.9	-11.4
6TH	37.00	-26.7	-39.8	1554	2294	-17.2	-17.4	14	-9	-612.0	-1277.2	212.4	-93.2	-10.6
7TH	49.33	-26.5	-41.3	1554	2294	-17.1	-18.0	13	-9	-585.3	-1237.4	196.8	-85.8	-9.8
8TH	61.67	-25.9	-42.9	1554	2294	-16.7	-18.7	13	-8	-558.8	-1196.1	181.8	-78.8	-9.0
9TH	74.00	-25.3	-44.5	1554	2294	-16.3	-19.4	12	-7	-532.9	-1153.2	167.4	-72.0	-8.3
10TH	86.33	-24.7	-46.1	1554	2294	-15.9	-20.1	12	-6	-507.6	-1108.7	153.4	-65.6	-7.6
11TH	98.67	-26.9	-46.5	1554	2294	-17.3	-20.3	9	-5	-482.9	-1062.6	140.0	-59.5	-6.9
12TH	111.00	-26.8	-46.8	1554	2294	-17.2	-20.4	8	-5	-455.9	-1016.1	127.2	-53.7	-6.3
13TH	123.33	-26.0	-47.3	1554	2294	-16.7	-20.6	8	-4	-429.1	-969.3	115.0	-48.3	-5.8
14TH	135.66	-25.2	-47.8	1554	2294	-16.2	-20.8	7	-4	-403.1	-922.0	103.3	-43.1	-5.3
15TH	148.00	-24.3	-48.2	1554	2294	-15.7	-21.0	6	-3	-378.0	-874.2	92.2	-38.3	-4.9
16TH	160.33	-23.5	-48.7	1554	2294	-15.1	-21.2	5	-3	-353.6	-826.0	81.7	-33.8	-4.5
17TH	172.66	-22.7	-49.2	1554	2294	-14.6	-21.4	4	-2	-330.1	-777.3	71.8	-29.6	-4.2
18TH	185.00	-22.3	-50.0	1554	2294	-14.4	-21.8	4	-2	-307.4	-728.1	62.6	-25.7	-3.9
19TH	197.33	-22.5	-50.9	1554	2294	-14.5	-22.2	4	-2	-285.1	-678.1	53.9	-22.0	-3.7
20TH	209.66	-22.7	-51.9	1554	2294	-14.6	-22.6	3	-1	-262.6	-627.2	45.8	-18.6	-3.5
21ST	222.00	-22.8	-52.8	1554	2294	-14.7	-23.0	3	-1	-239.9	-575.3	38.4	-15.5	-3.3
22ND	234.33	-23.0	-53.8	1554	2294	-14.8	-23.4	2	-1	-217.1	-522.5	31.7	-12.7	-3.1
23RD	246.66	-23.2	-54.7	1554	2294	-14.9	-23.8	2	-1	-194.1	-468.7	25.5	-10.2	-2.9
24TH	258.99	-23.4	-55.4	1554	2294	-15.0	-24.2	2	-1	-170.9	-414.0	20.1	-7.9	-2.8
25TH	271.33	-23.4	-55.0	1554	2294	-15.0	-24.0	2	-1	-147.5	-358.6	15.3	-6.0	-2.7
26TH	283.66	-23.3	-54.5	1554	2294	-15.0	-23.8	2	-1	-124.2	-303.6	11.3	-4.3	-2.6
27TH	295.99	-23.3	-54.0	1554	2294	-15.0	-23.5	3	-1	-100.8	-249.1	7.8	-2.9	-2.4
28TH	308.33	-23.1	-53.2	1554	2294	-14.9	-23.2	3	-1	-77.5	-195.1	5.1	-1.8	-2.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 10		CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32		
						REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-21.7	-48.8	1554	2294	-14.0	-21.3	4	-2	-54.4	-141.9	3.0	-1.0	-2.0
30TH	332.99	-20.3	-44.5	1554	2294	-13.1	-19.4	4	-2	-32.7	-93.1	1.6	-.4	-1.8
31ST	345.33	-5.7	-19.3	1264	2294	-4.5	-8.4	28	-8	-12.3	-48.6	.7	-.2	-1.6
32ND	357.66	-6.6	-29.3	1441	2792	-4.6	-10.5	32	-7	-6.6	-29.3	.2	-.0	-1.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE												
WIND DIRECTION 20		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-27.7	-54.8	2238	4588	-12.4	-11.9	32	-16	-561.0	-1148.2	221.5	-97.8	-14.9
5TH	24.67	-22.8	-28.8	1554	2294	-14.7	-12.6	17	-13	-533.3	-1093.4	193.8	-84.3	-12.8
6TH	37.00	-22.6	-30.3	1554	2294	-14.6	-13.2	16	-12	-510.5	-1064.6	180.5	-77.9	-12.0
7TH	49.33	-22.2	-32.0	1554	2294	-14.3	-13.9	16	-11	-487.9	-1034.2	167.6	-71.7	-11.2
8TH	61.67	-21.6	-33.8	1554	2294	-13.9	-14.7	16	-10	-465.6	-1002.2	155.0	-65.9	-10.5
9TH	74.00	-21.0	-35.7	1554	2294	-13.5	-15.5	16	-9	-444.0	-968.4	142.9	-60.3	-9.7
10TH	86.33	-20.4	-37.5	1554	2294	-13.1	-16.3	16	-9	-423.0	-932.7	131.2	-54.9	-8.9
11TH	98.67	-22.1	-38.1	1554	2294	-14.2	-16.6	13	-8	-402.6	-895.3	119.9	-49.8	-8.1
12TH	111.00	-22.2	-38.5	1554	2294	-14.3	-16.8	12	-7	-380.5	-857.2	109.1	-45.0	-7.5
13TH	123.33	-21.8	-39.2	1554	2294	-14.0	-17.1	12	-6	-358.3	-818.7	98.7	-40.4	-6.8
14TH	135.66	-21.4	-39.8	1554	2294	-13.8	-17.4	11	-6	-336.5	-779.5	88.9	-36.1	-6.2
15TH	148.00	-21.0	-40.4	1554	2294	-13.5	-17.6	10	-5	-315.1	-739.7	79.5	-32.1	-5.7
16TH	160.33	-20.7	-41.1	1554	2294	-13.3	-17.9	10	-5	-294.1	-699.3	70.7	-28.4	-5.2
17TH	172.66	-20.3	-41.7	1554	2294	-13.1	-18.2	9	-4	-273.4	-658.2	62.3	-24.9	-4.7
18TH	185.00	-19.8	-42.2	1554	2294	-12.7	-18.4	8	-4	-253.1	-616.4	54.4	-21.6	-4.2
19TH	197.33	-19.4	-42.6	1554	2294	-12.5	-18.6	7	-3	-233.3	-574.2	47.1	-18.6	-3.8
20TH	209.66	-19.0	-43.0	1554	2294	-12.2	-18.7	6	-3	-213.9	-531.6	40.3	-15.9	-3.4
21ST	222.00	-18.6	-43.3	1554	2294	-12.0	-18.9	5	-2	-195.0	-488.7	34.0	-13.3	-3.1
22ND	234.33	-18.2	-43.7	1554	2294	-11.7	-19.1	4	-2	-176.4	-445.3	28.2	-11.1	-2.8
23RD	246.66	-17.8	-44.1	1554	2294	-11.4	-19.2	3	-1	-158.2	-401.6	23.0	-9.0	-2.6
24TH	258.99	-17.4	-44.4	1554	2294	-11.2	-19.4	3	-1	-140.4	-357.5	18.3	-7.1	-2.4
25TH	271.33	-17.4	-44.5	1554	2294	-11.2	-19.4	3	-1	-123.0	-313.0	14.2	-5.5	-2.3
26TH	283.66	-17.5	-44.5	1554	2294	-11.2	-19.4	2	-1	-105.6	-268.6	10.6	-4.1	-2.1
27TH	295.99	-17.5	-44.5	1554	2294	-11.2	-19.4	2	-1	-88.1	-224.1	7.5	-2.9	-2.0
28TH	308.33	-17.4	-44.3	1554	2294	-11.2	-19.3	2	-1	-70.6	-179.5	5.1	-1.9	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 20		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									-53.2	-135.2	3.1	-1.2	-1.8
30TH	332.99	-17.0	-41.6	1554	2294	-10.9	-18.2	3	-1	-36.2	-93.6	1.7	-.6	-1.7
31ST	345.33	-16.5	-39.0	1554	2294	-10.6	-17.0	4	-2	-19.6	-54.6	.8	-.3	-1.5
		-7.7	-21.2	1264	2294	-6.1	-9.3	23	-8					
32ND	357.66	-12.0	-33.4	1441	2792	-8.3	-11.9	24	-9	-12.0	-33.4	.3	-.1	-.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 30 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-29.1	-34.1	2238	4588	-13.0	-7.4	35	-30	-404.2	-788.9	151.3	-61.0	-13.8
5TH	24.67	-19.9	-18.3	1554	2294	-12.8	-8.0	21	-23	-375.2	-754.8	132.2	-51.4	-11.7
6TH	37.00	-19.6	-19.7	1554	2294	-12.6	-8.6	21	-21	-355.3	-736.5	123.0	-46.9	-10.8
7TH	49.33	-19.3	-21.2	1554	2294	-12.4	-9.3	21	-19	-335.7	-716.8	114.1	-42.6	-10.0
8TH	61.67	-18.9	-23.0	1554	2294	-12.2	-10.0	22	-18	-316.5	-695.5	105.4	-38.6	-9.2
9TH	74.00	-18.6	-24.7	1554	2294	-12.0	-10.8	22	-17	-297.6	-672.6	96.9	-34.8	-8.3
10TH	86.33	-18.2	-26.4	1554	2294	-11.7	-11.5	22	-15	-279.0	-647.9	88.8	-31.2	-7.5
11TH	98.67	-18.5	-27.0	1554	2294	-11.9	-11.8	20	-13	-260.7	-621.5	81.0	-27.9	-6.6
12TH	111.00	-18.1	-27.6	1554	2294	-11.6	-12.0	18	-12	-242.3	-594.5	73.5	-24.8	-5.8
13TH	123.33	-17.6	-28.4	1554	2294	-11.3	-12.4	17	-10	-224.2	-566.9	66.3	-21.9	-5.1
14TH	135.66	-17.0	-29.2	1554	2294	-11.0	-12.7	16	-9	-206.6	-538.5	59.5	-19.3	-4.5
15TH	148.00	-16.5	-30.0	1554	2294	-10.6	-13.1	14	-8	-189.6	-509.2	53.0	-16.8	-3.9
16TH	160.33	-16.0	-30.8	1554	2294	-10.3	-13.4	13	-7	-173.1	-479.3	46.9	-14.6	-3.3
17TH	172.66	-15.5	-31.6	1554	2294	-9.9	-13.8	12	-6	-157.1	-448.5	41.2	-12.6	-2.8
18TH	185.00	-14.7	-31.7	1554	2294	-9.5	-13.8	10	-5	-141.7	-416.9	35.9	-10.7	-2.3
19TH	197.33	-13.8	-31.3	1554	2294	-8.9	-13.7	9	-4	-127.0	-385.2	30.9	-9.1	-1.9
20TH	209.66	-13.0	-31.0	1554	2294	-8.3	-13.5	8	-3	-113.1	-353.9	26.4	-7.6	-1.6
21ST	222.00	-12.1	-30.7	1554	2294	-7.8	-13.4	6	-3	-100.2	-322.9	22.2	-6.3	-1.3
22ND	234.33	-11.2	-30.4	1554	2294	-7.2	-13.2	5	-2	-88.1	-292.2	18.4	-5.1	-1.1
23RD	246.66	-10.4	-30.0	1554	2294	-6.7	-13.1	3	-1	-76.8	-261.8	15.0	-4.1	-.9
24TH	258.99	-9.5	-29.7	1554	2294	-6.1	-12.9	2	-1	-66.5	-231.0	11.9	-3.2	-.8
25TH	271.33	-8.2	-29.2	1554	2294	-5.9	-12.7	1	-0	-56.9	-202.1	9.3	-2.4	-.7
26TH	283.66	-8.8	-28.7	1554	2294	-5.7	-12.5	1	-0	-47.8	-172.9	6.9	-1.8	-.7
27TH	295.99	-8.5	-28.2	1554	2294	-5.5	-12.3	0	-0	-38.9	-144.2	5.0	-1.3	-.7
28TH	308.33	-8.1	-27.6	1554	2294	-5.2	-12.0	-0	0	-30.5	-116.0	3.4	-.8	-.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 30														
TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF														
CONFIGURATION B														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-7.3	-25.8	1554	2294	-4.7	-11.2	0	-0	-22.4	-88.5	2.1	-1.5	-1.7
30TH	332.99	-6.6	-23.9	1554	2294	-4.3	-10.4	1	-0	-15.0	-62.7	1.2	-1.3	-1.7
31ST	345.33	-3.0	-15.0	1264	2294	-2.4	-6.6	15	-3	-8.4	-38.8	.6	-1.1	-1.6
32ND	357.66	-5.4	-23.7	1441	2792	-3.7	-8.5	16	-4	-5.4	-23.7	.2	-1.0	-1.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 40		AND MOMENT DIAGRAMS : CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF										GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
4TH	0.00	-27.6	-8.2	2238	4588	-12.3	-1.8	12	-42	-278.5	-217.7	37.9	-35.0	-12.9		
5TH	24.67	-16.5	-4.9	1554	2294	-10.6	-2.1	9	-31	-250.9	-209.5	32.6	-28.5	-11.6		
6TH	37.00	-16.3	-5.6	1554	2294	-10.5	-2.4	11	-32	-234.4	-204.6	30.0	-25.5	-11.0		
7TH	49.33	-16.0	-6.4	1554	2294	-10.3	-2.8	13	-32	-218.1	-199.0	27.5	-22.7	-10.5		
8TH	61.67	-15.7	-7.2	1554	2294	-10.1	-3.1	14	-31	-202.0	-192.6	25.1	-20.1	-9.9		
9TH	74.00	-15.3	-8.0	1554	2294	-9.9	-3.5	16	-31	-186.4	-185.4	22.8	-17.7	-9.3		
10TH	86.33	-15.0	-8.8	1554	2294	-9.6	-3.8	18	-30	-171.0	-177.5	20.6	-15.5	-8.7		
11TH	98.67	-14.1	-10.1	1554	2294	-9.1	-4.4	23	-31	-156.1	-168.7	18.4	-13.5	-8.1		
12TH	111.00	-13.5	-10.3	1554	2294	-8.7	-4.5	23	-31	-142.0	-158.6	16.4	-11.6	-7.4		
13TH	123.33	-13.0	-10.2	1554	2294	-8.3	-4.5	23	-29	-128.5	-148.3	14.5	-10.0	-6.8		
14TH	135.66	-12.4	-10.2	1554	2294	-8.0	-4.5	23	-28	-115.6	-138.1	12.7	-8.5	-6.1		
15TH	148.00	-11.9	-10.2	1554	2294	-7.7	-4.4	23	-27	-103.1	-127.8	11.1	-7.1	-5.6		
16TH	160.33	-11.4	-10.2	1554	2294	-7.3	-4.4	23	-25	-91.2	-117.6	9.6	-5.9	-5.0		
17TH	172.66	-10.9	-10.1	1554	2294	-7.0	-4.4	22	-24	-79.8	-107.5	8.2	-4.9	-4.5		
18TH	185.00	-10.2	-9.9	1554	2294	-6.5	-4.3	22	-23	-68.9	-97.3	6.9	-3.9	-4.0		
19TH	197.33	-9.2	-9.5	1554	2294	-5.9	-4.1	23	-22	-58.8	-87.4	5.8	-3.2	-3.5		
20TH	209.66	-8.3	-9.1	1554	2294	-5.4	-4.0	23	-21	-49.5	-77.9	4.8	-2.5	-3.1		
21ST	222.00	-7.4	-8.7	1554	2294	-4.8	-3.8	23	-20	-41.2	-68.8	3.9	-1.9	-2.7		
22ND	234.33	-6.5	-8.3	1554	2294	-4.2	-3.6	24	-18	-33.8	-60.1	3.1	-1.5	-2.4		
23RD	246.66	-5.6	-8.0	1554	2294	-3.6	-3.5	24	-17	-27.3	-51.8	2.4	-1.1	-2.1		
24TH	258.99	-4.7	-7.6	1554	2294	-3.0	-3.3	24	-15	-21.7	-43.8	1.8	-.8	-1.8		
25TH	271.33	-4.1	-7.1	1554	2294	-2.6	-3.1	25	-14	-17.1	-36.3	1.3	-.6	-1.5		
26TH	283.66	-3.5	-6.6	1554	2294	-2.3	-2.9	25	-13	-13.0	-29.2	.9	-.4	-1.3		
27TH	295.99	-2.9	-6.2	1554	2294	-1.9	-2.7	26	-12	-9.5	-22.5	.6	-.2	-1.1		
28TH	308.33	-2.4	-5.7	1554	2294	-1.5	-2.5	27	-12	-6.5	-16.3	.4	-.1	-.9		

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE										
WIND DIRECTION 40		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-2.0	-4.8	1554	2294	-1.3	-2.1	32	-13	-4.1	-10.7	.2	-.1	-.7
30TH	332.99	-1.5	-3.9	1554	2294	-1.0	-1.7	39	-16	-2.2	-5.9	.1	-.0	-.5
31ST	345.33	-.4	-.6	1264	2294	-.3	-.3	208	-129	-.6	-2.0	.0	-.0	-.4
32ND	357.66	-.3	-1.5	1441	2792	-.2	-.5	125	-22	-.3	-1.5	.0	-.0	-.2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 50		CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-25.0	2.8	2238	4588	-11.2	.6	-3	-24	-226.0	125.7	-27.5	-31.5	-17.8
5TH	24.67	-14.0	2.1	1554	2294	-9.0	.9	-3	-23	-201.0	122.9	-24.5	-26.2	-17.2
6TH	37.00	-13.5	2.3	1554	2294	-8.7	1.0	-5	-26	-187.0	120.8	-23.0	-23.8	-16.9
7TH	49.33	-13.2	2.6	1554	2294	-8.5	1.1	-6	-30	-173.5	118.5	-21.5	-21.6	-16.5
8TH	61.67	-13.0	2.8	1554	2294	-8.4	1.2	-7	-33	-160.3	115.9	-20.0	-19.5	-16.1
9TH	74.00	-12.8	3.0	1554	2294	-8.3	1.3	-9	-37	-147.2	113.1	-18.6	-17.7	-15.7
10TH	86.33	-12.6	3.2	1554	2294	-8.1	1.4	-10	-40	-134.4	110.1	-17.2	-15.9	-15.2
11TH	98.67	-10.5	1.3	1554	2294	-6.8	.6	-9	-73	-121.8	106.9	-15.9	-14.3	-14.6
12TH	111.00	-9.3	1.7	1554	2294	-6.0	.7	-15	-83	-111.3	105.6	-14.6	-12.9	-13.8
13TH	123.33	-8.5	2.4	1554	2294	-5.5	1.1	-24	-85	-101.9	103.9	-13.3	-11.6	-13.0
14TH	135.66	-7.7	3.2	1554	2294	-5.0	1.4	-35	-85	-93.4	101.5	-12.0	-10.4	-12.2
15TH	148.00	-6.9	3.9	1554	2294	-4.4	1.7	-47	-82	-85.7	98.3	-10.8	-9.3	-11.5
16TH	160.33	-6.1	4.7	1554	2294	-3.9	2.0	-58	-76	-78.8	94.4	-9.6	-8.3	-10.7
17TH	172.66	-5.3	5.4	1554	2294	-3.4	2.4	-68	-66	-72.7	89.7	-8.5	-7.3	-10.0
18TH	185.00	-4.8	5.8	1554	2294	-3.1	2.5	-71	-60	-67.4	84.2	-7.4	-6.5	-9.3
19TH	197.33	-4.6	5.8	1554	2294	-3.0	2.5	-71	-57	-62.6	78.5	-6.4	-5.7	-8.6
20TH	209.66	-4.4	5.9	1554	2294	-2.9	2.6	-71	-54	-57.9	72.6	-5.5	-4.9	-7.9
21ST	222.00	-4.2	6.0	1554	2294	-2.7	2.6	-71	-50	-53.5	66.7	-4.6	-4.2	-7.2
22ND	234.33	-4.0	6.1	1554	2294	-2.6	2.6	-71	-47	-49.2	60.7	-3.8	-3.6	-6.6
23RD	246.66	-3.8	6.1	1554	2294	-2.5	2.7	-70	-44	-45.2	54.7	-3.1	-3.0	-6.0
24TH	258.99	-3.7	6.2	1554	2294	-2.4	2.7	-70	-42	-41.4	48.5	-2.5	-2.5	-5.4
25TH	271.33	-3.9	6.0	1554	2294	-2.5	2.6	-69	-45	-37.6	42.3	-1.9	-2.0	-4.8
26TH	283.66	-4.1	5.9	1554	2294	-2.7	2.6	-69	-49	-33.7	36.3	-1.4	-1.6	-4.2
27TH	295.99	-4.4	5.7	1554	2294	-2.8	2.5	-68	-52	-29.6	30.5	-1.0	-1.2	-3.6
28TH	308.33	-4.6	5.6	1554	2294	-2.9	2.4	-67	-55	-25.2	24.8	-.7	-.8	-3.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-4.7	6.0	1554	2294	-3.0	2.6	-69	-54	-20.7	19.2	-1.4	-1.5	-2.3
30TH	332.99	-4.9	6.5	1554	2294	-3.1	2.8	-70	-53	-16.0	13.1	-1.2	-1.3	-1.7
31ST	345.33	-5.2	2.4	1264	2294	-4.1	1.0	-35	-76	-11.1	6.7	-1.1	-1.1	-1.0
32ND	357.66	-5.8	4.3	1441	2792	-4.1	1.5	-39	-54	-5.8	4.3	-1.0	-1.0	-1.5
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 60		CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-22.7	21.1	2238	4588	-10.1	4.6	-4	-4	-118.0	493.9	-102.7	-12.1	-14.0
5TH	24.67	-11.1	12.1	1554	2294	-7.1	5.3	-8	-7	-95.3	472.8	-90.8	-9.4	-13.8
6TH	37.00	-11.0	12.5	1554	2294	-7.1	5.5	-10	-9	-84.2	460.7	-85.0	-8.3	-13.7
7TH	49.33	-10.6	12.9	1554	2294	-6.8	5.6	-12	-10	-73.2	448.2	-79.4	-7.4	-13.4
8TH	61.67	-9.8	13.2	1554	2294	-6.3	5.8	-14	-11	-62.7	435.3	-74.0	-6.5	-13.2
9TH	74.00	-9.0	13.5	1554	2294	-5.8	5.9	-17	-11	-52.9	422.1	-68.7	-5.8	-12.9
10TH	86.33	-8.2	13.8	1554	2294	-5.3	6.0	-20	-12	-43.9	408.6	-63.5	-5.2	-12.5
11TH	98.67	-5.2	11.9	1554	2294	-3.3	5.2	-43	-19	-35.7	394.8	-58.6	-4.7	-12.2
12TH	111.00	-4.0	12.3	1554	2294	-2.6	5.4	-45	-14	-30.5	382.9	-53.8	-4.3	-11.6
13TH	123.33	-3.3	13.1	1554	2294	-2.1	5.7	-41	-10	-26.5	370.6	-49.1	-4.0	-11.0
14TH	135.66	-2.6	13.9	1554	2294	-1.7	6.0	-37	-7	-23.3	357.5	-44.7	-3.7	-10.4
15TH	148.00	-2.0	14.7	1554	2294	-1.3	6.4	-33	-4	-20.6	343.6	-40.3	-3.4	-9.9
16TH	160.33	-1.3	15.4	1554	2294	-.8	6.7	-29	-2	-18.7	329.0	-36.2	-3.1	-9.4
17TH	172.66	-.6	16.2	1554	2294	-.4	7.1	-26	-1	-17.4	313.5	-32.2	-2.9	-8.9
18TH	185.00	-.3	16.9	1554	2294	-.2	7.4	-24	-0	-16.7	297.3	-28.5	-2.7	-8.5
19TH	197.33	-.1	17.5	1554	2294	-.0	7.6	-24	-0	-16.4	280.4	-24.9	-2.5	-8.1
20TH	209.66	.2	18.2	1554	2294	.1	7.9	-24	0	-16.4	262.9	-21.5	-2.3	-7.7
21ST	222.00	.4	18.8	1554	2294	.3	8.2	-24	1	-16.5	244.7	-18.4	-2.1	-7.2
22ND	234.33	.6	19.4	1554	2294	.4	8.5	-23	1	-17.0	225.9	-15.5	-1.9	-6.8
23RD	246.66	.9	20.1	1554	2294	.6	8.8	-23	1	-17.6	206.4	-12.8	-1.7	-6.3
24TH	258.99	.9	20.6	1554	2294	.6	9.0	-24	1	-18.5	186.3	-10.4	-1.5	-5.9
25TH	271.33	.0	20.7	1554	2294	.0	9.0	-27	0	-19.4	165.7	-8.3	-1.2	-5.4
26TH	283.66	-.9	20.8	1554	2294	-.6	9.1	-31	-1	-19.4	145.0	-6.3	-1.0	-4.8
27TH	295.99	-1.8	20.9	1554	2294	-1.1	9.1	-35	-3	-18.6	124.2	-4.7	-.7	-4.2
28TH	308.33	-2.7	20.9	1554	2294	-1.7	9.1	-38	-5	-16.8	103.4	-3.3	-.5	-3.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 60		CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	-3.7	20.1	1554	2294	-2.4	8.8	-44	-8	-14.1	82.5	-2.1	-.3	-2.6	
30TH	332.99	-4.7	19.4	1554	2294	-3.0	8.4	-49	-12	-10.4	62.4	-1.2	-.2	-1.7	
31ST	345.33	-2.0	19.5	1264	2294	-1.5	8.5	-16	-2	-5.7	43.0	-.6	-.1	-.7	
32ND	357.66	-3.8	23.5	1441	2792	-2.6	8.4	-16	-3	-3.8	23.5	-.2	-.0	-.4	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70° CONFIGURATION B

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-19.2	26.7	2238	4588	-8.6	5.8	-0	-0	-21.6	675.8	-146.3	8.5	-8.3
5TH	24.67	-8.5	14.9	1554	2294	-5.5	6.5	-3	-1	-2.4	649.1	-130.0	8.8	-8.3
6TH	37.00	-8.0	15.4	1554	2294	-5.2	6.7	-4	-2	6.1	634.2	-122.1	8.8	-8.2
7TH	49.33	-7.4	15.7	1554	2294	-4.7	6.8	-6	-3	14.2	618.9	-114.4	8.7	-8.1
8TH	61.67	-6.5	15.8	1554	2294	-4.2	6.9	-8	-3	21.5	603.2	-106.8	8.4	-8.0
9TH	74.00	-5.7	15.9	1554	2294	-3.6	6.9	-11	-4	28.0	587.4	-99.5	8.1	-7.9
10TH	86.33	-4.8	16.1	1554	2294	-3.1	7.0	-14	-4	33.7	571.4	-92.3	7.8	-7.7
11TH	98.67	-2.8	14.2	1554	2294	-1.8	6.2	-32	-6	38.5	555.4	-85.4	7.3	-7.4
12TH	111.00	-1.8	14.9	1554	2294	-1.1	6.5	-31	-4	41.3	541.2	-78.6	6.8	-7.0
13TH	123.33	-1.1	16.1	1554	2294	-.7	7.0	-27	-2	43.1	526.3	-72.0	6.3	-6.5
14TH	135.66	-.4	17.3	1554	2294	-.3	7.5	-23	-1	44.2	510.2	-65.7	5.8	-6.1
15TH	148.00	.3	18.4	1554	2294	.2	8.0	-20	0	44.6	492.9	-59.5	5.2	-5.7
16TH	160.33	1.0	19.6	1554	2294	.6	8.5	-17	1	44.3	474.5	-53.5	4.7	-5.3
17TH	172.66	1.7	20.8	1554	2294	1.1	9.1	-14	1	43.2	454.9	-47.8	4.1	-5.0
18TH	185.00	2.1	22.2	1554	2294	1.4	9.7	-13	1	41.5	434.1	-42.3	3.6	-4.7
19TH	197.33	2.4	23.7	1554	2294	1.6	10.3	-12	1	39.4	412.0	-37.1	3.1	-4.4
20TH	209.66	2.7	25.2	1554	2294	1.8	11.0	-12	1	37.0	388.3	-32.1	2.6	-4.1
21ST	222.00	3.0	26.8	1554	2294	2.0	11.7	-11	1	34.3	363.1	-27.5	2.2	-3.8
22ND	234.33	3.4	28.3	1554	2294	2.2	12.3	-11	1	31.3	336.3	-23.2	1.8	-3.5
23RD	246.66	3.7	29.8	1554	2294	2.4	13.0	-10	1	27.9	308.0	-19.2	1.4	-3.2
24TH	258.99	3.9	31.1	1554	2294	2.5	13.6	-10	1	24.2	278.2	-15.6	1.1	-2.8
25TH	271.33	3.7	31.0	1554	2294	2.4	13.5	-11	1	20.4	247.1	-12.4	.8	-2.5
26TH	283.66	3.5	30.8	1554	2294	2.3	13.4	-12	1	16.7	216.1	-9.5	.6	-2.2
27TH	295.99	3.4	30.7	1554	2294	2.2	13.4	-14	1	13.1	185.3	-7.0	.4	-1.8
28TH	308.33	3.1	30.5	1554	2294	2.0	13.3	-15	2	9.8	154.6	-4.9	.3	-1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 70		CONFIGURATION B								REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		2.0	29.9	1554	2294	1.3	13.0	-17	1	6.7	124.1	-3.2	.2	-.9
30TH	332.99													
		.9	29.3	1554	2294	.6	12.8	-19	1	4.6	94.2	-1.9	.1	-.4
31ST	345.33													
		1.9	28.9	1264	2294	1.5	12.6	1	-0	3.7	64.9	-.9	.0	.2
32ND	357.66													
		1.9	36.0	1441	2792	1.3	12.9	3	-0	1.9	36.0	-.3	.0	.1
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION BO

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									81.5	721.7	-166.9	34.5	4.9
5TH	24.67	-19.3	20.8	2238	4588	-8.6	4.5	-5	-5	100.8	700.9	-149.3	32.2	5.1
6TH	37.00	-8.1	12.1	1554	2294	-5.2	5.3	-9	-6	108.9	688.8	-140.8	31.0	5.2
7TH	49.33	-7.4	12.8	1554	2294	-4.8	5.6	-8	-5	116.3	676.0	-132.4	29.6	5.4
8TH	61.67	-6.6	13.3	1554	2294	-4.2	5.8	-8	-4	122.9	662.7	-124.1	28.1	5.5
9TH	74.00	-5.5	13.6	1554	2294	-3.5	5.9	-8	-3	128.4	649.1	-116.0	26.5	5.6
10TH	86.33	-4.4	13.9	1554	2294	-2.8	6.1	-9	-3	132.8	635.1	-108.1	24.9	5.8
11TH	98.67	-3.3	14.2	1554	2294	-2.1	6.2	-9	-2	136.0	620.9	-100.4	23.3	5.9
12TH	111.00	-1.9	13.4	1554	2294	-1.6	5.8	-18	-1	136.9	607.5	-92.8	21.6	6.1
13TH	123.33	.3	14.4	1554	2294	.2	6.3	-14	0	136.6	593.1	-85.4	19.9	6.3
14TH	135.66	1.2	15.7	1554	2294	.7	6.8	-9	1	135.4	577.5	-78.2	18.2	6.5
15TH	148.00	2.0	16.9	1554	2294	1.3	7.4	-5	1	133.4	560.5	-71.1	16.6	6.6
16TH	160.33	2.9	18.2	1554	2294	1.8	7.9	-1	0	130.6	542.4	-64.3	14.9	6.6
17TH	172.66	3.7	19.4	1554	2294	2.4	8.5	2	-0	126.9	522.9	-57.8	13.4	6.5
18TH	185.00	4.6	20.7	1554	2294	2.9	9.0	5	-1	122.3	502.3	-51.4	11.8	6.4
19TH	197.33	5.3	22.4	1554	2294	3.4	9.7	7	-2	117.0	479.9	-45.4	10.3	6.3
20TH	209.66	6.0	24.3	1554	2294	3.9	10.6	9	-2	111.0	455.6	-39.6	8.9	6.0
21ST	222.00	6.7	26.2	1554	2294	4.3	11.4	10	-3	104.3	429.5	-34.2	7.6	5.8
22ND	234.33	7.4	28.0	1554	2294	4.8	12.2	11	-3	96.8	401.4	-29.0	6.4	5.4
23RD	246.66	8.1	29.9	1554	2294	5.2	13.1	12	-3	88.7	371.5	-24.3	5.2	5.0
24TH	258.99	8.8	31.8	1554	2294	5.7	13.9	13	-4	79.9	339.6	-19.9	4.2	4.6
25TH	271.33	9.5	33.6	1554	2294	6.1	14.6	14	-4	70.4	306.1	-15.9	3.3	4.1
26TH	283.66	9.6	34.5	1554	2294	6.2	15.0	13	-4	60.9	271.6	-12.3	2.4	3.6
27TH	295.99	9.7	35.4	1554	2294	6.2	15.4	13	-4	51.2	236.2	-9.2	1.8	3.1
28TH	308.33	9.8	36.3	1554	2294	6.3	15.8	13	-3	41.4	199.9	-6.5	1.2	2.6
		9.9	37.1	1554	2294	6.3	16.2	12	-3					

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									31.5	162.8	-4.3	.7	2.1
30TH	332.99	9.4	37.8	1554	2294	6.1	16.5	11	-3	22.1	125.0	-2.5	.4	1.7
31ST	345.33	9.0	38.4	1554	2294	5.8	16.7	9	-2	13.1	86.6	-1.2	.2	1.3
32ND	357.66	5.4	37.7	1264	2294	4.3	16.4	14	-2	7.7	48.9	-.4	.1	.7
TOP	372.67	7.7	48.9	1441	2792	5.4	17.5	15	-2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 90 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-10.0	3.0	2238	4588	-4.5	.7	-5	-16	31.3	359.3	-101.5	17.5	6.2
5TH	24.67	-4.4	1.8	1554	2294	-2.8	.8	-7	-17	41.4	356.3	-92.7	16.6	6.4
6TH	37.00	-4.1	1.9	1554	2294	-2.6	.8	-7	-14	45.8	354.5	-88.3	16.1	6.5
7TH	49.33	-3.7	1.9	1554	2294	-2.4	.8	-6	-13	49.9	352.5	-84.0	15.5	6.6
8TH	61.67	-3.3	1.7	1554	2294	-2.1	.7	-8	-15	53.6	350.6	-79.6	14.9	6.6
9TH	74.00	-2.9	1.5	1554	2294	-1.9	.6	-9	-18	56.9	348.9	-75.3	14.2	6.7
10TH	86.33	-2.5	1.3	1554	2294	-1.6	.6	-11	-22	59.8	347.4	-71.0	13.5	6.8
11TH	98.67	-1.4	1.0	1554	2294	-.9	.4	-27	-39	62.2	346.2	-66.7	12.7	6.8
12TH	111.00	-1.0	1.5	1554	2294	-.6	.7	-30	-19	63.7	345.2	-62.5	11.9	6.9
13TH	123.33	-.7	2.0	1554	2294	-.4	.9	-18	-6	64.6	343.7	-58.2	11.1	7.0
14TH	135.66	-.4	2.6	1554	2294	-.2	1.1	-6	-1	65.3	341.6	-54.0	10.3	7.0
15TH	148.00	-.1	3.1	1554	2294	-.0	1.4	2	0	65.6	339.0	-49.8	9.5	7.0
16TH	160.33	.2	3.7	1554	2294	.2	1.6	8	-1	65.7	335.9	-45.6	8.7	7.0
17TH	172.66	.5	4.2	1554	2294	.4	1.9	12	-2	65.4	332.2	-41.5	7.9	7.0
18TH	185.00	1.1	6.1	1554	2294	.7	2.7	16	-3	64.9	327.9	-37.4	7.1	6.9
19TH	197.33	1.7	8.7	1554	2294	1.1	3.8	18	-4	63.8	321.8	-33.4	6.3	6.8
20TH	209.66	2.3	11.3	1554	2294	1.5	4.9	19	-4	62.1	313.1	-29.5	5.5	6.7
21ST	222.00	3.0	13.9	1554	2294	1.9	6.1	20	-4	59.7	301.8	-25.7	4.8	6.4
22ND	234.33	3.6	16.5	1554	2294	2.3	7.2	20	-4	56.8	287.9	-22.1	4.1	6.2
23RD	246.66	4.2	19.1	1554	2294	2.7	8.3	20	-4	53.2	271.4	-18.6	3.4	5.8
24TH	258.99	4.7	21.5	1554	2294	3.1	9.4	21	-5	49.0	252.3	-15.4	2.8	5.4
25TH	271.33	5.1	23.0	1554	2294	3.3	10.0	21	-5	44.3	230.8	-12.4	2.2	4.9
26TH	283.66	5.4	24.5	1554	2294	3.5	10.7	21	-5	39.2	207.7	-9.7	1.7	4.4
27TH	295.99	5.8	26.0	1554	2294	3.7	11.3	20	-5	33.7	183.3	-7.3	1.2	3.9
28TH	308.33	6.1	27.4	1554	2294	3.9	12.0	20	-5	27.9	157.3	-5.2	.8	3.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 90														TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE CONFIGURATION B REFERENCE PRESSURE 22.0 PSF														GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z																
29TH	320.66	6.0	28.9	1554	2294	3.9	12.6	19	-4	21.8	129.9	-3.5	.5	2.8																
30TH	332.99	5.9	30.3	1554	2294	3.8	13.2	18	-3	15.8	101.0	-2.0	.3	2.2																
31ST	345.33	3.6	31.4	1264	2294	2.9	13.7	22	-3	9.9	70.7	-1.0	.1	1.6																
32ND	357.66	6.3	39.2	1441	2792	4.4	14.1	23	-4	6.3	39.2	-.3	.0	.9																
TOP	372.67									0.0	0.0	0.0	0.0	0.0																

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	.9	-2.1	2238	4588	.4	-.5	63	28	34.0	318.5	-103.3	16.8	7.2
5TH	24.67	-.0	-1.4	1554	2294	-.0	-.6	65	-2	33.0	320.6	-95.4	16.0	7.3
6TH	37.00	-.5	-1.7	1554	2294	-.3	-.8	51	-13	33.1	322.0	-91.4	15.6	7.4
7TH	49.33	-.9	-2.0	1554	2294	-.6	-.9	39	-18	33.5	323.8	-87.4	15.1	7.5
8TH	61.67	-1.5	-2.4	1554	2294	-.9	-1.0	31	-19	34.5	325.8	-83.4	14.7	7.6
9TH	74.00	-2.0	-2.7	1554	2294	-1.3	-1.2	25	-19	35.9	328.2	-79.4	14.3	7.7
10TH	86.33	-2.6	-3.0	1554	2294	-1.6	-1.3	22	-18	38.0	330.8	-75.3	13.8	7.8
11TH	98.67	-3.3	-3.3	1554	2294	-2.1	-1.5	20	-19	40.5	333.8	-71.2	13.4	7.9
12TH	111.00	-3.4	-2.9	1554	2294	-2.2	-1.3	18	-20	43.8	337.2	-67.1	12.8	8.0
13TH	123.33	-3.4	-2.4	1554	2294	-2.2	-1.1	15	-21	47.2	340.1	-62.9	12.3	8.2
14TH	135.66	-3.4	-2.0	1554	2294	-2.2	-.9	13	-22	50.6	342.5	-58.7	11.7	8.3
15TH	148.00	-3.4	-1.5	1554	2294	-2.2	-.7	10	-22	53.9	344.5	-54.5	11.0	8.4
16TH	160.33	-3.4	-1.0	1554	2294	-2.2	-.4	6	-21	57.4	346.0	-50.2	10.3	8.5
17TH	172.66	-3.4	-.6	1554	2294	-2.2	-.2	3	-19	60.8	347.0	-45.9	9.6	8.5
18TH	185.00	-2.8	1.8	1554	2294	-1.8	.8	-0	-0	64.2	347.6	-41.7	8.8	8.6
19TH	197.33	-1.6	5.3	1554	2294	-1.0	2.3	16	5	66.9	345.7	-37.4	8.0	8.6
20TH	209.66	-.4	8.8	1554	2294	-.3	3.8	21	1	68.5	340.4	-33.2	7.2	8.5
21ST	222.00	.8	12.3	1554	2294	.5	5.4	23	-1	68.9	331.6	-29.0	6.4	8.3
22ND	234.33	2.0	15.8	1554	2294	1.3	6.9	24	-3	68.1	319.2	-25.0	5.5	8.0
23RD	246.66	3.2	19.3	1554	2294	2.0	8.4	24	-4	66.2	303.4	-21.2	4.7	7.7
24TH	258.99	4.3	22.6	1554	2294	2.8	9.9	24	-5	63.0	284.1	-17.5	3.9	7.2
25TH	271.33	5.3	24.8	1554	2294	3.4	10.8	24	-5	58.7	261.5	-14.2	3.1	6.6
26TH	283.66	6.2	27.1	1554	2294	4.0	11.8	24	-6	53.4	236.6	-11.1	2.4	6.0
27TH	295.99	7.1	29.3	1554	2294	4.5	12.8	24	-6	47.2	209.6	-8.4	1.8	5.3
28TH	308.33	7.9	31.5	1554	2294	5.1	13.7	24	-6	40.2	180.3	-5.9	1.3	4.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									32.3	148.8	-3.9	.8	3.7
30TH	332.99	8.0	33.4	1554	2294	5.1	14.6	24	-6	24.4	115.4	-2.3	.5	2.9
31ST	345.33	8.0	35.3	1554	2294	5.2	15.4	23	-5	16.3	80.1	-1.1	.2	2.0
32ND	357.66	6.7	36.9	1264	2294	5.3	16.1	24	-4	9.6	43.2	-.3	.1	1.1
TOP	372.67	9.6	43.2	1441	2792	6.7	15.5	25	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 110 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									46.0	473.0	-127.1	16.5	6.7
5TH	24.67	3.4	10.7	2238	4588	1.5	2.3	-4	1	42.7	462.3	-115.5	15.4	6.8
6TH	37.00	1.7	5.4	1554	2294	1.1	2.4	-16	5	41.0	456.9	-109.8	14.9	6.9
7TH	49.33	1.3	5.2	1554	2294	.8	2.3	-23	6	39.7	451.7	-104.2	14.4	7.0
8TH	61.67	.9	5.0	1554	2294	.6	2.2	-31	6	38.8	446.8	-98.7	13.9	7.2
9TH	74.00	.6	4.8	1554	2294	.4	2.1	-39	5	38.2	441.9	-93.2	13.4	7.4
10TH	86.33	.3	4.7	1554	2294	.2	2.0	-47	3	37.9	437.3	-87.8	12.9	7.6
11TH	98.67	-.0	4.5	1554	2294	-.0	2.0	-55	-0	37.9	432.7	-82.4	12.5	7.8
12TH	111.00	-.6	4.4	1554	2294	-.4	1.9	-61	-8	38.5	428.3	-77.1	12.0	8.1
13TH	123.33	-1.2	4.4	1554	2294	-.8	1.9	-58	-16	39.7	423.9	-71.9	11.5	8.4
14TH	135.66	-1.8	4.5	1554	2294	-1.1	2.0	-54	-21	41.5	419.4	-66.7	11.0	8.7
15TH	148.00	-2.3	4.6	1554	2294	-1.5	2.0	-50	-25	43.8	414.9	-61.5	10.5	8.9
16TH	160.33	-2.9	4.6	1554	2294	-1.9	2.0	-45	-28	46.7	410.2	-56.4	9.9	9.2
17TH	172.66	-3.4	4.7	1554	2294	-2.2	2.0	-41	-30	50.1	405.6	-51.4	9.3	9.5
18TH	185.00	-4.0	4.7	1554	2294	-2.6	2.1	-37	-31	54.1	400.8	-46.4	8.7	9.8
19TH	197.33	-3.8	6.7	1554	2294	-2.5	2.9	-26	-15	57.9	394.1	-41.5	8.0	10.1
20TH	209.66	-2.9	9.7	1554	2294	-1.9	4.2	-11	-3	60.8	384.4	-36.7	7.3	10.2
21ST	222.00	-1.9	12.8	1554	2294	-1.2	5.6	1	0	62.8	371.6	-32.1	6.5	10.2
22ND	234.33	-1.0	15.8	1554	2294	-.6	6.9	8	1	63.8	355.8	-27.6	5.7	10.0
23RD	246.66	-.0	18.8	1554	2294	-.0	8.2	13	0	63.8	337.0	-23.3	4.9	9.8
24TH	258.99	.9	21.8	1554	2294	.6	9.5	17	-1	62.9	315.2	-19.3	4.2	9.4
25TH	271.33	2.0	24.8	1554	2294	1.3	10.8	20	-2	60.9	290.3	-15.6	3.4	8.9
26TH	283.66	3.7	27.6	1554	2294	2.4	12.0	23	-3	57.2	262.7	-12.1	2.7	8.2
27TH	295.99	5.4	30.4	1554	2294	3.5	13.3	26	-5	51.8	232.3	-9.1	2.0	7.4
28TH	308.33	7.2	33.2	1554	2294	4.6	14.5	28	-6	44.6	199.1	-6.4	1.4	6.5
		8.8	35.9	1554	2294	5.6	15.7	29	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1																
WIND DIRECTION 110		CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE				REFERENCE PRESSURE 22.0 PSF					GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
29TH	320.66	9.1	38.0	1554	2294	5.9	16.6	30	-7	35.9	163.1	-4.2	.9	5.4		
30TH	332.99	9.4	40.1	1554	2294	6.1	17.5	30	-7	26.8	125.1	-2.4	.5	4.2		
31ST	345.33	7.5	40.7	1264	2294	5.9	17.0	31	-6	17.3	85.0	-1.1	.2	2.9		
32ND	357.66	9.8	44.3	1441	2792	6.8	15.9	34	-7	9.8	44.3	-.3	.1	1.6		
TOP	372.67									0.0	0.0	0.0	0.0	0.0		

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	1.2	15.1	2238	4588	.6	3.3	-3	0	-13.2	524.5	-123.8	1.0	-4
5TH	24.67	.4	8.2	1554	2294	.3	3.6	-12	1	-14.4	509.4	-111.1	1.4	-4
6TH	37.00	.0	8.5	1554	2294	.0	3.7	-17	0	-14.9	501.2	-104.8	1.5	-3
7TH	49.33	-.4	8.8	1554	2294	-.3	3.9	-20	-1	-14.9	492.6	-98.7	1.7	-1
8TH	61.67	-.8	9.2	1554	2294	-.5	4.0	-23	-2	-14.5	483.8	-92.7	1.9	.1
9TH	74.00	-1.3	9.6	1554	2294	-.8	4.2	-25	-3	-13.7	474.6	-86.8	2.1	.3
10TH	86.33	-1.7	10.0	1554	2294	-1.1	4.3	-27	-5	-12.4	465.0	-81.0	2.2	.5
11TH	98.67	-2.4	10.3	1554	2294	-1.5	4.5	-27	-6	-10.7	455.0	-75.3	2.4	.8
12TH	111.00	-2.6	10.7	1554	2294	-1.7	4.7	-26	-6	-8.4	444.7	-69.8	2.5	1.1
13TH	123.33	-2.8	11.1	1554	2294	-1.8	4.8	-25	-6	-5.7	434.0	-64.3	2.6	1.4
14TH	135.66	-3.0	11.5	1554	2294	-1.9	5.0	-24	-6	-2.9	422.9	-59.1	2.6	1.7
15TH	148.00	-3.1	11.9	1554	2294	-2.0	5.2	-23	-6	.0	411.4	-53.9	2.7	2.0
16TH	160.33	-3.3	12.3	1554	2294	-2.1	5.3	-23	-6	3.2	399.5	-48.9	2.6	2.3
17TH	172.66	-3.5	12.6	1554	2294	-2.2	5.5	-22	-6	6.5	387.3	-44.1	2.6	2.6
18TH	185.00	-3.3	14.0	1554	2294	-2.1	6.1	-17	-4	10.0	374.6	-39.4	2.5	2.9
19TH	197.33	-2.6	15.8	1554	2294	-1.7	6.9	-10	-2	13.3	360.7	-34.8	2.3	3.1
20TH	209.66	-2.0	17.7	1554	2294	-1.3	7.7	-5	-1	15.9	344.8	-30.5	2.2	3.3
21ST	222.00	-1.3	19.6	1554	2294	-.9	8.5	0	0	17.9	327.1	-26.3	2.0	3.4
22ND	234.33	-.7	21.4	1554	2294	-.5	9.3	4	0	19.2	307.5	-22.4	1.7	3.4
23RD	246.66	-.1	23.3	1554	2294	-.0	10.2	7	0	19.9	286.1	-18.8	1.5	3.3
24TH	258.99	.6	25.1	1554	2294	.4	10.9	10	-0	20.0	262.8	-15.4	1.2	3.1
25TH	271.33	1.3	26.2	1554	2294	.8	11.4	11	-1	19.4	237.8	-12.3	1.0	2.9
26TH	283.66	2.0	27.3	1554	2294	1.3	11.9	12	-1	18.1	211.6	-9.5	.8	2.6
27TH	295.99	2.7	28.4	1554	2294	1.8	12.4	13	-1	16.1	184.4	-7.1	.6	2.2
28TH	308.33	3.4	29.4	1554	2294	2.2	12.8	14	-2	13.4	156.0	-5.0	.4	1.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE										
WIND DIRECTION 120				CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	3.2	30.3	1554	2294	2.0	13.2	13	-1	10.0	126.6	-3.2	.2	1.4
30TH	332.99	3.0	31.2	1554	2294	1.9	13.6	12	-1	6.8	96.2	-1.9	.1	1.0
31ST	345.33	1.6	30.9	1264	2294	1.3	13.5	10	-1	3.8	65.0	-.9	.1	.6
32ND	357.66	2.2	34.1	1441	2792	1.6	12.2	9	-1	2.2	34.1	-.3	.0	.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-7.4	579.7	-137.3	-2.1	-1.9
5TH	24.67	1.8	12.5	2238	4588	.8	2.7	2	-0	-9.2	567.2	-123.2	-1.9	-1.9
6TH	37.00	1.1	7.6	1554	2294	.7	3.3	-5	1	-10.3	559.6	-116.2	-1.8	-1.8
7TH	49.33	1.0	8.3	1554	2294	.6	3.6	-8	1	-11.2	551.3	-109.4	-1.7	-1.8
8TH	61.67	.8	9.1	1554	2294	.5	4.0	-11	1	-12.1	542.3	-102.6	-1.5	-1.7
9TH	74.00	.6	9.8	1554	2294	.4	4.3	-13	1	-12.7	532.4	-96.0	-1.4	-1.6
10TH	86.33	.4	10.6	1554	2294	.2	4.6	-14	0	-13.0	521.8	-89.5	-1.2	-1.4
11TH	98.67	.1	11.4	1554	2294	.1	5.0	-16	0	-13.2	510.5	-83.1	-1.1	-1.2
12TH	111.00	-.4	12.2	1554	2294	-.2	5.3	-15	-0	-12.8	498.3	-76.9	-.9	-1.0
13TH	123.33	-.6	12.9	1554	2294	-.4	5.6	-13	-1	-12.2	485.3	-70.9	-.8	-.9
14TH	135.66	-.8	13.7	1554	2294	-.5	6.0	-12	-1	-11.4	471.6	-65.0	-.6	-.7
15TH	148.00	-1.0	14.5	1554	2294	-.6	6.3	-10	-1	-10.4	457.1	-59.2	-.5	-.6
16TH	160.33	-1.2	15.2	1554	2294	-.7	6.6	-9	-1	-9.3	441.9	-53.7	-.4	-.4
17TH	172.66	-1.3	16.0	1554	2294	-.9	7.0	-8	-1	-7.9	425.9	-48.3	-.3	-.3
18TH	185.00	-1.5	16.8	1554	2294	-1.0	7.3	-6	-1	-6.4	409.1	-43.2	-.2	-.2
19TH	197.33	-1.5	17.8	1554	2294	-1.0	7.7	-5	-0	-4.8	391.4	-38.3	-.1	-.1
20TH	209.66	-1.3	18.9	1554	2294	-.8	8.3	-4	-0	-3.5	372.4	-33.5	-.0	-.0
21ST	222.00	-1.1	20.1	1554	2294	-.7	8.8	-3	-0	-2.4	352.4	-29.1	-.0	.0
22ND	234.33	-.9	21.2	1554	2294	-.6	9.3	-2	-0	-1.5	331.1	-24.9	.0	.1
23RD	246.66	-.7	22.4	1554	2294	-.4	9.8	-1	-0	-.9	308.7	-20.9	.0	.1
24TH	258.99	-.4	23.6	1554	2294	-.3	10.3	-0	-0	-.5	285.1	-17.3	.0	.1
25TH	271.33	-.2	24.8	1554	2294	-.2	10.8	0	0	-.2	260.4	-13.9	.0	.1
26TH	283.66	-.3	26.4	1554	2294	-.2	11.5	1	0	.0	233.9	-10.8	.0	.1
27TH	295.99	-.3	28.0	1554	2294	-.2	12.2	1	0	.3	205.9	-8.1	.0	.1
28TH	308.33	-.3	29.7	1554	2294	-.2	12.9	1	0	.6	176.2	-5.8	.0	.0
		-.3	31.3	1554	2294	-.2	13.6	1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE											
WIND DIRECTION 130				CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	.0	33.0	1554	2294	.0	14.4	1	-0	.9	144.9	-3.8	.0	.0	
30TH	332.99	.4	34.7	1554	2294	.2	15.1	1	-0	.9	111.9	-2.2	.0	-0	
31ST	345.33	.1	35.8	1264	2294	.1	15.6	-1	0	.6	77.2	-1.0	.0	-0	
32ND	357.66	.5	41.4	1441	2792	.3	14.8	-0	0	.5	41.4	-.3	.0	-0	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEH (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00													
		1.4	29.7	2238	4588	.6	6.5	-11	1	-134.5	999.7	-215.7	-34.0	-13.6
5TH	24.67	1.5	18.1	1554	2294	1.0	7.9	-15	1	-135.9	970.0	-191.4	-30.7	-13.3
6TH	37.00	1.3	19.8	1554	2294	.8	8.6	-15	1	-137.4	951.9	-179.6	-29.0	-13.0
7TH	49.33	.9	21.5	1554	2294	.6	9.4	-16	1	-138.8	932.2	-167.9	-27.3	-12.7
8TH	61.67	.4	23.2	1554	2294	.2	10.1	-16	0	-139.7	910.7	-156.6	-25.6	-12.4
9TH	74.00	-.2	25.0	1554	2294	-.1	10.9	-16	-0	-140.0	887.4	-145.5	-23.9	-12.0
10TH	86.33	-.8	26.7	1554	2294	-.5	11.7	-16	-1	-139.8	862.5	-134.7	-22.1	-11.6
11TH	98.67	-1.7	28.5	1554	2294	-1.1	12.4	-16	-1	-139.0	835.7	-124.2	-20.4	-11.2
12TH	111.00	-2.7	29.4	1554	2294	-1.7	12.8	-15	-1	-137.3	807.2	-114.1	-18.7	-10.7
13TH	123.33	-3.7	30.1	1554	2294	-2.4	13.1	-15	-2	-134.6	777.8	-104.3	-17.0	-10.3
14TH	135.66	-4.7	30.8	1554	2294	-3.0	13.4	-15	-2	-130.9	747.7	-94.9	-15.4	-9.8
15TH	148.00	-5.7	31.6	1554	2294	-3.7	13.8	-14	-3	-126.2	716.9	-85.9	-13.8	-9.4
16TH	160.33	-6.7	32.3	1554	2294	-4.3	14.1	-14	-3	-120.5	685.3	-77.2	-12.3	-8.9
17TH	172.66	-7.7	33.1	1554	2294	-5.0	14.4	-14	-3	-113.7	653.0	-69.0	-10.8	-8.4
18TH	185.00	-8.2	34.0	1554	2294	-5.2	14.8	-13	-3	-106.0	619.9	-61.1	-9.5	-8.0
19TH	197.33	-7.9	35.0	1554	2294	-5.1	15.3	-13	-3	-97.9	585.9	-53.7	-8.2	-7.5
20TH	209.66	-7.7	36.0	1554	2294	-5.0	15.7	-13	-3	-89.9	550.9	-46.7	-7.1	-7.0
21ST	222.00	-7.5	37.0	1554	2294	-4.8	16.1	-13	-3	-82.2	514.9	-40.1	-6.0	-6.5
22ND	234.33	-7.3	38.0	1554	2294	-4.7	16.6	-12	-2	-74.7	477.9	-34.0	-5.0	-6.0
23RD	246.66	-7.1	39.0	1554	2294	-4.6	17.0	-12	-2	-67.4	439.8	-28.3	-4.2	-5.5
24TH	258.99	-6.8	40.1	1554	2294	-4.4	17.5	-12	-2	-60.3	400.8	-23.1	-3.4	-5.0
25TH	271.33	-6.7	41.2	1554	2294	-4.3	18.0	-12	-2	-53.5	360.7	-18.5	-2.7	-4.6
26TH	283.66	-6.6	42.3	1554	2294	-4.3	18.4	-12	-2	-46.8	319.5	-14.3	-2.1	-4.0
27TH	295.99	-6.6	43.4	1554	2294	-4.2	18.9	-12	-2	-40.1	277.2	-10.6	-1.5	-3.5
28TH	308.33	-6.5	44.6	1554	2294	-4.2	19.4	-12	-2	-33.5	233.7	-7.4	-1.1	-3.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

CONFIGURATION B

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-6.4	45.7	1554	2294	-4.1	19.9	-12	-2	-27.1	189.2	-4.8	-7	-2.4
30TH	332.99	-6.4	46.9	1554	2294	-4.1	20.4	-12	-2	-20.6	143.5	-2.8	-4	-1.8
31ST	345.33	-6.6	46.0	1264	2294	-5.2	20.1	-12	-2	-14.2	96.6	-1.3	-2	-1.3
32ND	357.66	-7.6	50.6	1441	2792	-5.3	18.1	-13	-2	-7.6	50.6	-1.4	-1	-1.7
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150 CONFIGURATION B

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	0.3	50.1	2238	4508	3.7	10.9	-10	2	-84.7	1531.9	-328.7	-30.6	-15.3
5TH	24.67	5.6	29.2	1554	2294	3.6	12.7	-13	3	-93.0	1481.8	-291.6	-28.4	-14.8
6TH	37.00	5.4	31.1	1554	2294	3.4	13.6	-14	2	-98.6	1452.6	-273.5	-27.2	-14.4
7TH	49.33	5.0	33.1	1554	2294	3.2	14.4	-14	2	-104.0	1421.6	-255.8	-25.9	-13.9
8TH	61.67	4.5	35.2	1554	2294	2.9	15.4	-14	2	-109.0	1388.5	-238.4	-24.6	-13.4
9TH	74.00	4.0	37.4	1554	2294	2.6	16.3	-14	2	-113.5	1353.2	-221.5	-23.2	-12.9
10TH	86.33	3.5	39.6	1554	2294	2.2	17.2	-14	1	-117.5	1315.8	-205.1	-21.8	-12.4
11TH	98.67	2.3	42.2	1554	2294	1.5	18.4	-12	1	-120.9	1276.3	-189.1	-20.4	-11.8
12TH	111.00	.9	43.8	1554	2294	.6	19.1	-12	0	-123.3	1234.1	-173.6	-18.8	-11.3
13TH	123.33	.5	45.2	1554	2294	.3	19.7	-11	-0	-124.2	1190.3	-158.7	-17.3	-10.8
14TH	135.66	-1.9	46.7	1554	2294	-1.2	20.3	-11	-0	-123.7	1145.1	-144.3	-15.8	-10.3
15TH	148.00	-3.3	48.1	1554	2294	-2.1	21.0	-10	-1	-121.8	1098.4	-130.4	-14.3	-9.8
16TH	160.33	-4.7	49.5	1554	2294	-3.0	21.6	-10	-1	-118.5	1050.3	-117.2	-12.8	-9.3
17TH	172.66	-6.1	51.0	1554	2294	-3.9	22.2	-10	-1	-113.8	1000.8	-104.5	-11.4	-8.8
18TH	185.00	-6.9	52.6	1554	2294	-4.4	22.9	-9	-1	-107.7	949.8	-92.5	-10.0	-8.3
19TH	197.33	-6.9	54.4	1554	2294	-4.5	23.7	-9	-1	-100.9	897.2	-81.1	-8.7	-7.8
20TH	209.66	-7.0	56.2	1554	2294	-4.5	24.5	-8	-1	-93.9	842.8	-70.4	-7.5	-7.3
21ST	222.00	-7.1	58.0	1554	2294	-4.6	25.3	-8	-1	-86.9	786.6	-60.3	-6.4	-6.8
22ND	234.33	-7.2	59.8	1554	2294	-4.7	26.1	-8	-1	-79.7	728.6	-51.0	-5.4	-6.4
23RD	246.66	-7.3	61.6	1554	2294	-4.7	26.9	-7	-1	-72.5	668.8	-42.4	-4.4	-5.9
24TH	258.99	-7.4	63.3	1554	2294	-4.8	27.6	-7	-1	-65.2	607.2	-34.5	-3.6	-5.4
25TH	271.33	-7.4	64.4	1554	2294	-4.8	28.1	-8	-1	-57.8	543.9	-27.4	-2.8	-5.0
26TH	283.66	-7.4	65.5	1554	2294	-4.8	28.6	-8	-1	-50.4	479.5	-21.1	-2.2	-4.5
27TH	295.99	-7.4	66.6	1554	2294	-4.8	29.1	-9	-1	-43.0	413.9	-15.6	-1.6	-3.9
28TH	308.33	-7.4	67.8	1554	2294	-4.8	29.6	-9	-1	-35.6	347.3	-10.9	-1.1	-3.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 150				CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE				REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	-7.2	69.3	1554	2294	-4.7	30.2	-9	-1	-28.2	279.5	-7.0	-1.7	-2.8	
30TH	332.99	-7.1	70.7	1554	2294	-4.5	30.8	-10	-1	-20.9	210.2	-4.0	-1.4	-2.1	
31ST	345.33	-6.7	67.6	1264	2294	-5.3	29.5	-10	-1	-13.9	139.5	-1.8	-1.2	-1.4	
32ND	357.66	-7.2	71.9	1441	2792	-5.0	25.8	-10	-1	-7.2	71.9	-1.5	-1.1	-1.7	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 160		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									148.6	1326.6	-281.3	21.7	-12.1
5TH	24.67	12.6	50.7	2238	4588	5.7	11.1	-10	2	135.9	1275.9	-249.2	18.2	-11.6
6TH	37.00	8.2	28.4	1554	2294	5.3	12.4	-13	4	127.7	1247.4	-233.6	16.6	-11.2
7TH	49.33	8.5	29.7	1554	2294	5.4	13.0	-13	4	119.3	1217.7	-218.4	15.0	-10.8
8TH	61.67	8.6	31.2	1554	2294	5.5	13.6	-13	4	110.7	1186.5	-203.6	13.6	-10.3
9TH	74.00	8.5	32.8	1554	2294	5.5	14.3	-13	3	102.2	1153.7	-189.2	12.3	-9.9
10TH	86.33	8.5	34.4	1554	2294	5.5	15.0	-13	3	93.7	1119.4	-175.1	11.1	-9.4
11TH	98.67	8.4	35.9	1554	2294	5.4	15.7	-13	3	85.2	1083.5	-161.6	10.0	-8.9
12TH	111.00	7.8	37.7	1554	2294	5.0	16.5	-12	2	77.4	1045.7	-148.4	9.0	-8.5
13TH	123.33	7.0	38.5	1554	2294	4.5	16.8	-11	2	70.5	1007.3	-135.8	8.1	-8.0
14TH	135.66	6.2	39.0	1554	2294	4.0	17.0	-11	2	64.3	968.2	-123.6	7.2	-7.6
15TH	148.00	5.3	39.6	1554	2294	3.4	17.3	-10	1	59.0	928.6	-111.9	6.5	-7.2
16TH	160.33	4.5	40.2	1554	2294	2.9	17.5	-10	1	54.5	888.4	-100.7	5.8	-6.7
17TH	172.66	3.7	40.8	1554	2294	2.4	17.8	-10	1	50.8	847.6	-90.0	5.1	-6.3
18TH	185.00	2.9	41.4	1554	2294	1.8	18.0	-9	1	47.9	806.2	-79.8	4.5	-6.0
19TH	197.33	2.5	42.7	1554	2294	1.6	18.6	-9	1	45.4	763.5	-70.1	4.0	-5.6
20TH	209.66	2.7	44.4	1554	2294	1.7	19.4	-8	0	42.6	719.1	-61.0	3.4	-5.2
21ST	222.00	2.9	46.1	1554	2294	1.9	20.1	-7	0	39.8	673.0	-52.4	2.9	-4.9
22ND	234.33	3.0	47.8	1554	2294	2.0	20.8	-7	0	36.7	625.2	-44.4	2.4	-4.5
23RD	246.66	3.2	49.5	1554	2294	2.1	21.6	-6	0	33.5	575.7	-37.0	2.0	-4.2
24TH	258.99	3.4	51.2	1554	2294	2.2	22.3	-6	0	30.1	524.4	-30.2	1.6	-3.9
25TH	271.33	3.6	52.9	1554	2294	2.3	23.1	-5	0	26.6	471.5	-24.0	1.3	-3.6
26TH	283.66	3.6	54.3	1554	2294	2.3	23.7	-6	0	23.0	417.3	-18.6	1.0	-3.3
27TH	295.99	3.5	55.6	1554	2294	2.3	24.3	-7	0	19.5	361.7	-13.8	.7	-2.9
28TH	308.33	3.5	57.0	1554	2294	2.3	24.9	-7	0	16.0	304.6	-9.6	.5	-2.5
		3.5	58.4	1554	2294	2.3	25.5	-8	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 160		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									12.5	246.2	-6.3	.3	-2.1
30TH	332.99	3.5	60.0	1554	2294	2.2	26.1	-8	0	9.0	186.3	-3.6	.2	-1.6
31ST	345.33	3.4	61.5	1554	2294	2.2	26.8	-8	0	5.6	124.8	-1.7	.1	-1.1
32ND	357.66	2.8	59.2	1264	2294	2.2	25.8	-9	0	2.8	65.6	-.5	.0	-.6
TOP	372.67	2.8	65.6	1441	2792	2.0	23.5	-9	0	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									385.0	1179.1	-247.8	71.2	-13.1
5TH	24.67	21.3	49.3	2238	4588	9.5	10.8	-4	2	363.7	1129.8	-219.3	62.0	-12.9
6TH	37.00	13.1	26.7	1554	2294	8.5	11.6	-10	5	350.6	1103.1	-205.6	57.6	-12.5
7TH	49.33	13.4	27.5	1554	2294	8.6	12.0	-11	5	337.2	1075.6	-192.1	53.4	-12.2
8TH	61.67	13.6	28.4	1554	2294	8.7	12.4	-12	6	323.6	1047.2	-179.0	49.3	-11.7
9TH	74.00	13.6	29.6	1554	2294	8.8	12.9	-12	5	310.0	1017.6	-166.3	45.4	-11.3
10TH	86.33	13.7	30.8	1554	2294	8.8	13.4	-12	5	296.3	986.8	-154.0	41.6	-10.9
11TH	98.67	13.8	31.9	1554	2294	8.9	13.9	-12	5	282.5	954.9	-142.0	38.1	-10.5
12TH	111.00	13.7	33.4	1554	2294	8.8	14.6	-11	4	268.8	921.5	-130.4	34.7	-10.0
13TH	123.33	13.4	34.1	1554	2294	8.6	14.9	-10	4	255.4	887.4	-119.3	31.4	-9.6
14TH	135.66	13.1	34.7	1554	2294	8.4	15.1	-11	4	242.4	852.6	-108.5	28.4	-9.2
15TH	148.00	12.7	35.4	1554	2294	8.2	15.4	-11	4	229.6	817.3	-98.2	25.5	-8.8
16TH	160.33	12.4	36.0	1554	2294	8.0	15.7	-11	4	217.2	781.3	-88.4	22.7	-8.4
17TH	172.66	12.1	36.6	1554	2294	7.8	16.0	-11	4	205.1	744.6	-79.0	20.1	-7.9
18TH	185.00	11.8	37.2	1554	2294	7.6	16.2	-11	3	193.3	707.4	-70.0	17.6	-7.5
19TH	197.33	11.8	38.2	1554	2294	7.6	16.7	-11	3	181.5	669.2	-61.5	15.3	-7.0
20TH	209.66	12.2	39.5	1554	2294	7.9	17.2	-10	3	169.2	629.7	-53.5	13.2	-6.6
21ST	222.00	12.6	40.7	1554	2294	8.1	17.7	-10	3	156.6	589.0	-46.0	11.2	-6.1
22ND	234.33	13.0	41.9	1554	2294	8.4	18.3	-10	3	143.6	547.0	-39.0	9.3	-5.7
23RD	246.66	13.4	43.2	1554	2294	8.6	18.8	-10	3	130.3	503.9	-32.5	7.6	-5.2
24TH	258.99	13.8	44.4	1554	2294	8.9	19.4	-10	3	116.5	459.5	-26.6	6.1	-4.8
25TH	271.33	14.1	45.6	1554	2294	9.1	19.9	-9	3	102.4	413.8	-21.2	4.7	-4.3
26TH	283.66	14.1	47.0	1554	2294	9.1	20.5	-10	3	88.2	366.8	-16.4	3.6	-3.8
27TH	295.99	14.0	48.4	1554	2294	9.0	21.1	-10	3	74.2	318.5	-12.1	2.6	-3.3
28TH	308.33	13.9	49.7	1554	2294	8.9	21.7	-10	3	60.3	268.7	-8.5	1.7	-2.8
		13.8	51.1	1554	2294	8.9	22.3	-10	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :													TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE		
WIND DIRECTION 170		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32					
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		EGGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66									46.5	217.6	-5.5	1.1	-2.2	
30TH	332.99	13.4	52.8	1554	2294	8.6	23.0	-10	3	33.1	164.8	-3.2	.6	-1.6	
31ST	345.33	12.9	54.6	1554	2294	8.3	23.8	-10	2	20.2	110.2	-1.5	.3	-1.1	
32ND	357.66	10.6	52.6	1264	2294	8.4	22.9	-10	2	9.6	57.6	-.4	.1	-.6	
TOP	372.67	9.6	57.6	1441	2792	6.7	20.6	-9	2	0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 180 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									503.9	1129.9	-236.0	93.8	-13.7
5TH	24.67	26.4	48.9	2238	4588	11.8	10.7	0	-0	477.5	1081.0	-208.7	81.7	-13.7
6TH	37.00	17.3	25.9	1554	2294	11.2	11.3	-7	5	460.2	1055.1	-195.6	75.9	-13.5
7TH	49.33	17.6	26.7	1554	2294	11.3	11.6	-7	5	442.5	1028.4	-182.7	70.4	-13.2
8TH	61.67	17.8	27.5	1554	2294	11.4	12.0	-8	5	424.8	1000.9	-170.2	65.0	-12.9
9TH	74.00	17.6	28.6	1554	2294	11.3	12.5	-8	5	407.2	972.3	-158.0	59.9	-12.6
10TH	86.33	17.5	29.6	1554	2294	11.3	12.9	-9	5	389.7	942.7	-146.2	55.0	-12.2
11TH	98.67	17.4	30.6	1554	2294	11.2	13.3	-9	5	372.3	912.1	-134.8	50.3	-11.9
12TH	111.00	16.9	31.9	1554	2294	10.9	13.9	-9	5	355.4	880.2	-123.7	45.8	-11.5
13TH	123.33	16.7	32.7	1554	2294	10.8	14.2	-9	5	338.6	847.6	-113.1	41.5	-11.1
14TH	135.66	16.6	33.3	1554	2294	10.7	14.5	-10	5	322.0	814.2	-102.8	37.4	-10.7
15TH	148.00	16.5	34.0	1554	2294	10.6	14.8	-10	5	305.5	780.3	-93.0	33.6	-10.3
16TH	160.33	16.4	34.6	1554	2294	10.6	15.1	-11	5	289.0	745.6	-83.6	29.9	-9.8
17TH	172.66	16.3	35.3	1554	2294	10.5	15.4	-11	5	272.7	710.3	-74.6	26.4	-9.4
18TH	185.00	16.2	36.0	1554	2294	10.5	15.7	-12	5	256.4	674.3	-66.1	23.2	-8.9
19TH	197.33	16.4	37.0	1554	2294	10.6	16.1	-12	5	240.0	637.4	-58.0	20.1	-8.3
20TH	209.66	16.8	38.2	1554	2294	10.8	16.7	-12	5	223.3	599.1	-50.4	17.3	-7.8
21ST	222.00	17.1	39.5	1554	2294	11.0	17.2	-12	5	206.1	559.6	-43.2	14.6	-7.2
22ND	234.33	17.5	40.7	1554	2294	11.2	17.8	-12	5	188.7	518.9	-36.6	12.2	-6.7
23RD	246.66	17.8	42.0	1554	2294	11.5	18.3	-12	5	170.9	477.0	-30.4	10.0	-6.1
24TH	258.99	18.2	43.2	1554	2294	11.7	18.8	-12	5	152.7	433.8	-24.8	8.0	-5.4
25TH	271.33	18.5	44.4	1554	2294	11.9	19.4	-12	5	134.2	389.4	-19.7	6.2	-4.8
26TH	283.66	18.5	45.4	1554	2294	11.9	19.8	-12	5	115.7	344.0	-15.2	4.7	-4.2
27TH	295.99	18.4	46.3	1554	2294	11.8	20.2	-12	5	97.3	297.7	-11.3	3.3	-3.5
28TH	308.33	18.3	47.3	1554	2294	11.8	20.6	-12	4	79.0	250.4	-7.9	2.3	-2.9
		18.2	48.3	1554	2294	11.7	21.1	-11	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 180														
TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		17.7	49.7	1554	2294	11.4	21.7	-11	4	60.9	202.1	-5.1	1.4	-2.3
30TH	332.99													
		17.1	51.1	1554	2294	11.0	22.3	-11	4	43.2	152.4	-2.9	.8	-1.6
31ST	345.33													
		13.9	48.8	1264	2294	11.0	21.3	-10	3	26.1	101.3	-1.3	.3	-1.0
32ND	357.66													
		12.2	52.5	1441	2792	8.5	18.8	-10	2	12.2	52.5	-.4	.1	-.5
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									486.2	958.3	-193.1	93.8	-10.9
5TH	24.67	21.7	44.4	2238	4588	9.7	9.7	-0	0	464.6	914.0	-170.0	82.1	-10.9
6TH	37.00	14.6	23.7	1554	2294	9.4	10.3	-6	4	449.9	890.2	-158.9	76.4	-10.7
7TH	49.33	14.9	24.6	1554	2294	9.6	10.7	-7	4	435.0	865.7	-148.1	71.0	-10.5
8TH	61.67	15.0	25.4	1554	2294	9.7	11.1	-8	4	420.0	840.3	-137.5	65.7	-10.2
9TH	74.00	15.1	26.3	1554	2294	9.7	11.4	-8	5	404.9	814.0	-127.3	60.6	-9.9
10TH	86.33	15.1	27.1	1554	2294	9.7	11.8	-9	5	389.8	786.9	-117.5	55.7	-9.6
11TH	98.67	15.2	28.0	1554	2294	9.8	12.2	-9	5	374.6	758.9	-107.9	51.0	-9.3
12TH	111.00	15.2	28.7	1554	2294	9.8	12.5	-10	5	359.4	730.3	-98.8	46.5	-8.9
13TH	123.33	15.4	29.3	1554	2294	9.9	12.8	-11	6	344.0	701.0	-89.9	42.1	-8.5
14TH	135.66	15.7	29.9	1554	2294	10.1	13.1	-11	6	328.3	671.0	-81.5	38.0	-8.1
15TH	148.00	16.0	30.6	1554	2294	10.3	13.3	-11	6	312.2	640.5	-73.4	34.0	-7.7
16TH	160.33	16.3	31.2	1554	2294	10.5	13.6	-11	6	295.9	609.2	-65.7	30.3	-7.2
17TH	172.66	16.6	31.9	1554	2294	10.7	13.9	-11	6	279.3	577.4	-58.4	26.7	-6.7
18TH	185.00	16.9	32.5	1554	2294	10.9	14.2	-12	6	262.4	544.9	-51.4	23.4	-6.3
19TH	197.33	17.3	33.2	1554	2294	11.1	14.5	-11	6	245.1	511.7	-44.9	20.3	-5.8
20TH	209.66	17.6	33.8	1554	2294	11.3	14.7	-11	6	227.5	477.9	-38.8	17.3	-5.3
21ST	222.00	17.9	34.5	1554	2294	11.5	15.0	-11	6	209.6	443.4	-33.1	14.7	-4.8
22ND	234.33	18.2	35.1	1554	2294	11.7	15.3	-11	6	191.3	408.2	-27.9	12.2	-4.4
23RD	246.66	18.5	35.8	1554	2294	11.9	15.6	-11	5	172.8	372.4	-23.1	9.9	-3.9
24TH	258.99	18.8	36.5	1554	2294	12.1	15.9	-10	5	154.0	336.0	-18.7	7.9	-3.4
25TH	271.33	19.1	37.0	1554	2294	12.3	16.2	-10	5	134.9	298.9	-14.8	6.1	-2.9
26TH	283.66	19.0	37.2	1554	2294	12.2	16.2	-10	5	115.8	261.8	-11.3	4.6	-2.4
27TH	295.99	18.8	37.3	1554	2294	12.1	16.2	-9	5	97.0	224.5	-8.3	3.3	-2.0
28TH	308.33	18.7	37.4	1554	2294	12.0	16.3	-9	5	78.3	187.1	-5.8	2.2	-1.6
		18.5	37.5	1554	2294	11.9	16.4	-9	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE											
WIND DIRECTION 190				CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66									59.8	149.6	-3.7	1.3	-1.2	
30TH	332.99	17.9	37.9	1554	2294	11.5	16.5	-8	4	42.0	111.7	-2.1	.7	-.8	
31ST	345.33	17.1	38.3	1554	2294	11.0	16.7	-8	3	24.9	73.5	-1.0	.3	-.4	
32ND	357.66	13.6	36.0	1264	2294	10.7	15.7	-6	2	11.3	37.4	-.3	.1	-.2	
TOP	372.67	11.3	37.4	1441	2792	7.8	13.4	-5	2	0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 200 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	23.7	44.3	2238	4588	10.6	9.7	-2	1	668.4	673.2	-123.2	139.0	-1.5
5TH	24.67	15.5	22.9	1554	2294	10.0	10.0	-7	5	644.7	628.9	-107.1	122.8	-1.4
6TH	37.00	16.1	23.0	1554	2294	10.3	10.0	-6	4	629.2	606.0	-99.5	115.0	-1.1
7TH	49.33	16.6	23.2	1554	2294	10.7	10.1	-6	4	613.1	583.0	-92.2	107.3	-.9
8TH	61.67	17.0	23.3	1554	2294	11.0	10.2	-5	4	596.5	559.8	-85.1	99.9	-.7
9TH	74.00	17.5	23.5	1554	2294	11.2	10.2	-5	3	579.5	536.5	-78.4	92.6	-.5
10TH	86.33	17.9	23.6	1554	2294	11.5	10.3	-4	3	562.0	513.0	-71.9	85.6	-.4
11TH	98.67	18.3	23.5	1554	2294	11.8	10.2	-5	4	544.1	489.3	-65.7	78.8	-.2
12TH	111.00	19.0	23.3	1554	2294	12.2	10.2	-4	3	525.7	465.8	-59.8	72.2	-.0
13TH	123.33	19.6	23.2	1554	2294	12.6	10.1	-4	3	506.8	442.5	-54.2	65.8	.1
14TH	135.66	20.3	23.0	1554	2294	13.1	10.0	-3	3	487.1	419.4	-48.9	59.7	.3
15TH	148.00	21.0	22.8	1554	2294	13.5	10.0	-3	2	466.8	396.4	-43.9	53.8	.4
16TH	160.33	21.7	22.7	1554	2294	13.9	9.9	-2	2	445.8	373.5	-39.1	48.2	.5
17TH	172.66	22.3	22.5	1554	2294	14.4	9.8	-2	2	424.2	350.9	-34.6	42.8	.6
18TH	185.00	23.1	22.4	1554	2294	14.9	9.7	-1	1	401.8	328.3	-30.5	37.7	.7
19TH	197.33	24.0	22.2	1554	2294	15.4	9.7	-1	1	378.7	306.0	-26.5	32.9	.7
20TH	209.66	24.8	22.1	1554	2294	16.0	9.6	-1	1	354.8	283.8	-22.9	28.4	.8
21ST	222.00	25.7	21.9	1554	2294	16.5	9.6	-0	1	330.0	261.7	-19.5	24.1	.8
22ND	234.33	26.5	21.8	1554	2294	17.1	9.5	-0	0	304.3	239.8	-16.5	20.2	.8
23RD	246.66	27.4	21.6	1554	2294	17.6	9.4	0	-0	277.7	218.0	-13.6	16.6	.9
24TH	258.99	28.3	21.5	1554	2294	18.2	9.4	0	-0	250.3	196.4	-11.1	13.4	.9
25TH	271.33	28.8	21.5	1554	2294	18.5	9.4	0	-1	222.1	174.9	-8.8	10.5	.8
26TH	283.66	29.3	21.5	1554	2294	18.8	9.4	1	-1	193.2	153.4	-6.8	7.9	.8
27TH	295.99	29.7	21.5	1554	2294	19.1	9.4	1	-1	164.0	131.9	-5.0	5.7	.8
28TH	308.33	30.2	21.5	1554	2294	19.4	9.4	1	-1	134.2	110.5	-3.5	3.9	.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 200

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	29.9	21.5	1554	2294	19.2	9.4	1	-2	104.0	89.0	-2.3	2.4	.7
30TH	332.99	29.4	21.5	1554	2294	18.9	9.4	2	-3	74.2	67.5	-1.3	1.3	.6
31ST	345.33	23.7	21.9	1264	2294	18.7	9.5	4	-5	44.8	46.0	-.6	.6	.5
32ND	357.66	21.1	24.1	1441	2792	14.6	8.6	6	-5	21.1	24.1	-.2	.2	.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 210

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									618.0	612.4	-112.3	137.0	-3.4
5TH	24.67	18.1	37.2	2238	4588	8.1	8.1	-11	5	599.9	575.1	-97.6	122.0	-2.9
6TH	37.00	11.6	19.6	1554	2294	7.4	8.6	-13	8	588.3	555.5	-90.7	114.7	-2.5
7TH	49.33	12.2	19.9	1554	2294	7.8	8.7	-12	7	576.1	535.5	-83.9	107.5	-2.2
8TH	61.67	12.8	20.3	1554	2294	8.2	8.8	-11	7	563.4	515.3	-77.5	100.5	-1.9
9TH	74.00	13.4	20.6	1554	2294	8.6	9.0	-11	7	550.0	494.7	-71.2	93.6	-1.6
10TH	86.33	13.9	20.9	1554	2294	9.0	9.1	-10	6	536.1	473.7	-65.3	86.9	-1.3
11TH	98.67	14.5	21.3	1554	2294	9.3	9.3	-9	6	521.6	452.5	-59.5	80.4	-1.0
12TH	111.00	15.1	21.3	1554	2294	9.7	9.3	-9	7	506.5	431.2	-54.1	74.0	-.7
13TH	123.33	15.6	21.5	1554	2294	10.0	9.4	-9	7	490.9	409.7	-48.9	67.9	-.4
14TH	135.66	16.1	21.7	1554	2294	10.4	9.5	-9	6	474.8	387.9	-44.0	61.9	-.1
15TH	148.00	16.7	21.9	1554	2294	10.7	9.5	-8	6	458.1	366.1	-39.3	56.2	.2
16TH	160.33	17.2	22.1	1554	2294	11.1	9.6	-8	6	440.8	344.0	-35.0	50.6	.5
17TH	172.66	17.8	22.3	1554	2294	11.4	9.7	-8	6	423.1	321.7	-30.9	45.3	.8
18TH	185.00	18.3	22.4	1554	2294	11.8	9.8	-7	6	404.8	299.3	-27.0	40.2	1.0
19TH	197.33	19.1	22.2	1554	2294	12.3	9.7	-6	5	385.6	277.0	-23.5	35.3	1.3
20TH	209.66	20.5	21.8	1554	2294	13.2	9.5	-5	5	365.1	255.2	-20.2	30.7	1.5
21ST	222.00	21.9	21.4	1554	2294	14.1	9.3	-4	4	343.2	233.9	-17.2	26.3	1.6
22ND	234.33	23.3	20.9	1554	2294	15.0	9.1	-3	3	319.9	213.0	-14.4	22.2	1.8
23RD	246.66	24.7	20.5	1554	2294	15.9	8.9	-2	2	295.2	192.5	-11.9	18.4	1.8
24TH	258.99	26.1	20.0	1554	2294	16.8	8.7	-1	1	269.2	172.5	-9.7	15.0	1.9
25TH	271.33	27.5	19.6	1554	2294	17.7	8.6	0	-0	241.7	152.8	-7.7	11.8	1.9
26TH	283.66	28.7	19.3	1554	2294	18.5	8.4	1	-1	213.0	133.5	-5.9	9.0	1.8
27TH	295.99	29.9	19.0	1554	2294	19.2	8.3	1	-2	183.1	114.5	-4.4	6.6	1.7
28TH	308.33	31.1	18.7	1554	2294	20.0	8.2	2	-3	152.0	95.8	-3.1	4.5	1.6
		32.3	18.4	1554	2294	20.8	8.0	2	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1															
WIND DIRECTION 210				CONFIGURATION B				TASOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE				REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	32.9	18.4	1554	2294	21.2	8.0	3	-5	119.7	77.4	-2.0	2.8	1.4	
30TH	332.99	33.3	18.3	1554	2294	21.4	8.0	3	-6	86.8	59.0	-1.2	1.5	1.2	
31ST	345.33	27.7	19.0	1264	2294	21.9	8.3	7	-11	53.6	40.7	-.5	.7	1.0	
32ND	357.66	25.9	21.7	1441	2792	17.9	7.8	10	-12	25.9	21.7	-.2	.2	.5	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 220 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	19.4	29.5	2238	4588	8.7	6.4	-15	10	788.4	237.7	-32.3	173.8	2.5
5TH	24.67	11.0	14.2	1554	2294	7.1	6.2	-16	12	768.9	208.2	-26.8	154.6	3.1
6TH	37.00	12.6	13.5	1554	2294	8.1	5.9	-12	12	757.9	194.1	-24.4	145.2	3.5
7TH	49.33	14.2	12.9	1554	2294	9.1	5.6	-9	10	745.3	180.6	-22.0	135.9	3.8
8TH	61.67	15.8	12.3	1554	2294	10.2	5.4	-7	8	731.1	167.7	-19.9	126.8	4.1
9TH	74.00	17.4	11.7	1554	2294	11.2	5.1	-4	6	715.3	155.4	-17.9	117.9	4.3
10TH	86.33	19.0	11.1	1554	2294	12.2	4.8	-3	4	697.9	143.7	-16.1	109.2	4.4
11TH	98.67	20.6	10.4	1554	2294	13.2	4.5	-2	3	679.0	132.6	-14.4	100.7	4.5
12TH	111.00	21.7	10.0	1554	2294	13.9	4.4	-1	3	658.4	122.2	-12.8	92.4	4.6
13TH	123.33	22.7	9.6	1554	2294	14.6	4.2	-1	2	636.8	112.1	-11.3	84.4	4.7
14TH	135.66	23.7	9.1	1554	2294	15.3	4.0	-1	2	614.1	102.6	-10.0	76.7	4.8
15TH	148.00	24.7	8.7	1554	2294	15.9	3.8	-0	1	590.4	93.4	-8.8	69.3	4.8
16TH	160.33	25.7	8.2	1554	2294	16.6	3.6	-0	1	565.7	84.8	-7.7	62.2	4.9
17TH	172.66	26.8	7.8	1554	2294	17.2	3.4	-0	0	539.9	76.6	-6.7	55.4	4.9
18TH	185.00	27.9	7.2	1554	2294	17.9	3.1	0	-1	513.1	68.8	-5.8	48.9	4.9
19TH	197.33	29.2	6.6	1554	2294	18.8	2.9	0	-2	485.3	61.6	-5.0	42.7	4.9
20TH	209.66	30.5	6.0	1554	2294	19.7	2.6	1	-3	456.1	54.9	-4.3	36.9	4.8
21ST	222.00	31.9	5.4	1554	2294	20.5	2.4	1	-4	425.5	48.9	-3.7	31.5	4.7
22ND	234.33	33.2	4.9	1554	2294	21.4	2.1	1	-5	393.6	43.5	-3.1	26.4	4.6
23RD	246.66	34.6	4.3	1554	2294	22.3	1.9	1	-6	360.4	38.6	-2.6	21.8	4.5
24TH	258.99	36.0	3.7	1554	2294	23.1	1.6	1	-6	325.8	34.4	-2.1	17.5	4.3
25TH	271.33	36.9	3.5	1554	2294	23.7	1.5	1	-7	289.8	30.6	-1.7	13.7	4.0
26TH	283.66	37.8	3.2	1554	2294	24.3	1.4	1	-8	253.0	27.2	-1.4	10.4	3.8
27TH	295.99	38.6	3.0	1554	2294	24.9	1.3	1	-9	215.2	24.0	-1.1	7.5	3.4
28TH	308.33	39.5	2.8	1554	2294	25.4	1.2	1	-10	176.6	21.0	-.8	5.1	3.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1													TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE		
WIND DIRECTION 220		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	39.5	3.1	1554	2294	25.4	1.3	1	-12	137.1	18.2	-.5	3.1	2.7	
30TH	332.99	39.2	3.4	1554	2294	25.2	1.5	1	-14	97.6	15.2	-.3	1.7	2.2	
31ST	345.33	31.0	4.8	1264	2294	24.5	2.1	4	-24	58.4	11.8	-.2	.7	1.6	
32ND	357.66	27.5	7.0	1441	2792	19.1	2.5	8	-30	27.5	7.0	-.1	.2	.9	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 230				CONFIGURATION B		LABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	20.7	29.9	2238	4588	9.3	6.5	-11	8	861.7	172.0	-19.1	182.5	-5.0
5TH	24.67	12.7	14.1	1554	2294	8.1	6.1	-13	12	840.9	142.1	-15.2	161.6	-4.5
6TH	37.00	14.7	13.1	1554	2294	9.5	5.7	-10	11	828.3	128.0	-13.5	151.3	-4.2
7TH	49.33	16.8	12.2	1554	2294	10.8	5.3	-7	9	813.6	114.9	-12.0	141.1	-3.9
8TH	61.67	18.9	11.2	1554	2294	12.2	4.9	-4	7	796.8	102.7	-10.7	131.2	-3.6
9TH	74.00	21.0	10.3	1554	2294	13.5	4.5	-2	4	777.9	91.5	-9.5	121.5	-3.5
10TH	86.33	23.1	9.4	1554	2294	14.9	4.1	-1	2	756.9	81.2	-8.4	112.0	-3.4
11TH	98.67	25.3	8.2	1554	2294	16.3	3.6	-1	2	733.8	71.8	-7.5	102.8	-3.3
12TH	111.00	26.8	7.3	1554	2294	17.2	3.2	-1	3	708.5	63.7	-6.6	93.9	-3.2
13TH	123.33	28.1	6.3	1554	2294	18.1	2.8	-1	3	681.8	56.4	-5.9	85.4	-3.2
14TH	135.66	29.5	5.4	1554	2294	19.0	2.3	-1	3	653.7	50.1	-5.2	77.1	-3.1
15TH	148.00	30.8	4.4	1554	2294	19.8	1.9	-1	4	624.2	44.7	-4.7	69.3	-3.0
16TH	160.33	32.2	3.5	1554	2294	20.7	1.5	-0	4	593.3	40.3	-4.1	61.7	-2.9
17TH	172.66	33.6	2.6	1554	2294	21.6	1.1	-0	4	561.1	36.8	-3.7	54.6	-2.7
18TH	185.00	34.5	2.2	1554	2294	22.2	1.0	-0	5	527.6	34.2	-3.2	47.9	-2.6
19TH	197.33	34.8	2.2	1554	2294	22.4	1.0	-0	5	493.1	32.0	-2.8	41.6	-2.4
20TH	209.66	35.2	2.2	1554	2294	22.7	1.0	-0	6	458.3	29.8	-2.4	35.7	-2.2
21ST	222.00	35.6	2.3	1554	2294	22.9	1.0	-0	7	423.0	27.5	-2.1	30.3	-2.0
22ND	234.33	35.9	2.3	1554	2294	23.1	1.0	-0	7	387.5	25.3	-1.7	25.3	-1.8
23RD	246.66	36.3	2.3	1554	2294	23.4	1.0	-0	8	351.5	23.0	-1.4	20.8	-1.5
24TH	258.99	36.7	2.3	1554	2294	23.6	1.0	-0	8	315.2	20.7	-1.2	16.6	-1.3
25TH	271.33	37.0	2.3	1554	2294	23.8	1.0	-0	7	278.5	18.4	-0.9	13.0	-1.0
26TH	283.66	37.3	2.2	1554	2294	24.0	1.0	-0	7	241.5	16.2	-0.7	9.8	-0.7
27TH	295.99	37.7	2.2	1554	2294	24.2	1.0	-0	7	204.1	13.9	-0.5	7.0	-0.4
28TH	308.33	38.0	2.2	1554	2294	24.4	1.0	-0	6	166.5	11.7	-0.4	4.7	-0.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :													TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE												
WIND DIRECTION 230				CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)													
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z											
29TH	320.66																								
		37.5	2.2	1554	2294	24.1	1.0	-0	5	128.5	9.5	-1.3	2.9	.1											
30TH	332.99																								
		36.8	2.3	1554	2294	23.7	1.0	-0	3	91.0	7.3	-1.1	1.6	.3											
31ST	345.33																								
		28.8	2.0	1264	2294	22.8	.9	0	-6	54.1	5.0	-1.1	.7	.4											
32ND	357.66																								
		25.3	3.0	1441	2792	17.6	1.1	1	-9	25.3	3.0	-1.0	.2	.2											
TOP	372.67																								
										0.0	0.0	0.0	0.0	0.0											

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									890.9	323.2	-70.5	190.6	-22.6
5TH	24.67	18.6	16.6	2238	4588	8.3	3.6	-15	16	872.3	306.6	-62.7	168.8	-22.0
6TH	37.00	10.8	7.6	1554	2294	6.9	3.3	-17	24	861.5	299.0	-59.0	158.1	-21.7
7TH	49.33	13.2	6.8	1554	2294	8.5	3.0	-12	23	848.3	292.2	-55.3	147.6	-21.3
8TH	61.67	15.7	6.1	1554	2294	10.1	2.6	-8	22	832.5	286.2	-51.8	137.2	-20.9
9TH	74.00	18.3	5.3	1554	2294	11.8	2.3	-6	20	814.2	280.8	-48.3	127.1	-20.5
10TH	86.33	20.8	4.6	1554	2294	13.4	2.0	-4	18	793.4	276.2	-44.8	117.2	-20.1
11TH	98.67	23.3	3.9	1554	2294	15.0	1.7	-3	16	770.1	272.3	-41.5	107.5	-19.7
12TH	111.00	26.0	3.5	1554	2294	16.7	1.5	-2	15	744.0	268.8	-38.1	98.2	-19.3
13TH	123.33	27.8	4.9	1554	2294	17.9	2.1	-3	17	716.3	263.9	-34.8	89.2	-18.8
14TH	135.66	29.3	6.4	1554	2294	18.9	2.8	-4	19	687.0	257.5	-31.6	80.5	-18.3
15TH	148.00	30.9	7.8	1554	2294	19.9	3.4	-5	20	656.1	249.7	-28.5	72.2	-17.6
16TH	160.33	32.5	9.3	1554	2294	20.9	4.1	-6	21	623.6	240.4	-25.5	64.3	-16.8
17TH	172.66	34.0	10.8	1554	2294	21.9	4.7	-7	22	589.6	229.6	-22.6	56.9	-16.0
18TH	185.00	35.6	12.2	1554	2294	22.9	5.3	-8	23	554.0	217.4	-19.8	49.8	-15.1
19TH	197.33	36.6	13.1	1554	2294	23.5	5.7	-8	24	517.4	204.4	-17.2	43.2	-14.1
20TH	209.66	37.0	13.5	1554	2294	23.8	5.9	-9	24	480.4	190.9	-14.8	37.1	-13.1
21ST	222.00	37.4	14.0	1554	2294	24.1	6.1	-9	24	443.0	176.9	-12.5	31.4	-12.1
22ND	234.33	37.8	14.4	1554	2294	24.3	6.3	-9	24	405.2	162.5	-10.4	26.1	-11.1
23RD	246.66	38.2	14.9	1554	2294	24.6	6.5	-9	24	367.0	147.6	-8.5	21.4	-10.0
24TH	258.99	38.6	15.3	1554	2294	24.8	6.7	-10	24	328.4	132.2	-6.8	17.1	-8.9
25TH	271.33	39.0	15.8	1554	2294	25.1	6.9	-10	24	289.4	116.4	-5.2	13.3	-7.8
26TH	283.66	39.3	16.1	1554	2294	25.3	7.0	-10	24	250.0	100.3	-3.9	9.9	-6.7
27TH	295.99	39.6	16.5	1554	2294	25.5	7.2	-10	25	210.4	83.9	-2.8	7.1	-5.5
28TH	308.33	39.9	16.8	1554	2294	25.7	7.3	-10	25	170.5	67.1	-1.8	4.8	-4.4
		40.2	17.0	1554	2294	25.9	7.4	-10	25					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 240		CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32		
REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		39.4	15.8	1554	2294	25.3	6.9	-9	23	130.2	50.1	-1.1	2.9	-3.2
30TH	332.99													
		38.3	14.7	1554	2294	24.7	6.4	-8	22	90.8	34.3	-.6	1.5	-2.2
31ST	345.33													
		28.3	9.1	1264	2294	22.4	4.0	-6	19	52.5	19.6	-.3	.7	-1.2
32ND	357.66													
		24.3	10.5	1441	2792	16.8	3.7	-9	21	24.3	10.5	-.1	.2	-.6
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	14.3	3.6	2238	4588	6.4	.8	-1	3	961.9	269.4	-71.0	214.6	-13.9
5TH	24.67	7.0	.8	1554	2294	4.5	.3	-2	14	947.6	265.7	-64.4	191.0	-13.8
6TH	37.00	9.8	.2	1554	2294	6.3	.1	-0	11	940.6	264.9	-61.1	179.4	-13.7
7TH	49.33	12.7	-.3	1554	2294	8.2	-.1	0	10	930.8	264.7	-57.8	167.9	-13.6
8TH	61.67	15.5	-.8	1554	2294	10.0	-.3	0	8	918.1	265.0	-54.6	156.5	-13.5
9TH	74.00	18.3	-1.3	1554	2294	11.8	-.6	0	7	902.6	265.8	-51.3	145.2	-13.4
10TH	86.33	21.1	-1.8	1554	2294	13.6	-.8	1	6	884.3	267.1	-48.0	134.2	-13.2
11TH	98.67	24.1	-1.6	1554	2294	15.5	-.7	0	5	863.1	268.9	-44.7	123.4	-13.1
12TH	111.00	26.6	.4	1554	2294	17.1	.2	-0	8	839.1	270.4	-41.4	112.9	-13.0
13TH	123.33	29.1	2.4	1554	2294	18.7	1.0	-1	11	812.5	270.0	-38.0	102.8	-12.8
14TH	135.66	31.5	4.4	1554	2294	20.3	1.9	-2	13	783.4	267.6	-34.7	92.9	-12.4
15TH	148.00	34.0	6.3	1554	2294	21.9	2.8	-3	14	751.9	263.3	-31.5	83.4	-12.0
16TH	160.33	36.5	8.3	1554	2294	23.5	3.6	-4	15	717.9	256.9	-28.3	74.4	-11.5
17TH	172.66	38.9	10.3	1554	2294	25.1	4.5	-4	16	681.4	248.6	-25.1	65.8	-10.9
18TH	185.00	40.7	11.8	1554	2294	26.2	5.1	-5	17	642.5	238.3	-22.1	57.6	-10.3
19TH	197.33	41.8	13.0	1554	2294	26.9	5.7	-5	16	601.7	226.5	-19.3	49.9	-9.5
20TH	209.66	42.9	14.2	1554	2294	27.6	6.2	-5	16	559.9	213.5	-16.6	42.8	-8.8
21ST	222.00	44.0	15.4	1554	2294	28.3	6.7	-6	16	517.0	199.3	-14.0	36.1	-8.0
22ND	234.33	45.0	16.6	1554	2294	29.0	7.2	-6	16	473.0	183.9	-11.6	30.0	-7.2
23RD	246.66	46.1	17.8	1554	2294	29.7	7.7	-6	15	428.0	167.3	-9.5	24.5	-6.4
24TH	258.99	47.1	18.8	1554	2294	30.3	8.2	-6	15	381.9	149.6	-7.5	19.5	-5.6
25TH	271.33	47.2	18.9	1554	2294	30.4	8.2	-6	15	334.8	130.8	-5.8	15.0	-4.8
26TH	283.66	47.2	19.0	1554	2294	30.4	8.3	-6	14	287.6	111.9	-4.3	11.2	-4.0
27TH	295.99	47.3	19.0	1554	2294	30.4	8.3	-6	14	240.3	92.9	-3.0	7.9	-3.2
28TH	308.33	47.3	19.0	1554	2294	30.4	8.3	-5	13	193.0	73.9	-2.0	5.3	-2.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 250		CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	45.6	17.7	1554	2294	29.4	7.7	-4	11	145.7	54.9	-1.2	3.2	-1.7
30TH	332.99	43.8	16.4	1554	2294	28.2	7.2	-3	9	100.1	37.2	-.6	1.7	-1.2
31ST	345.33	30.1	9.1	1264	2294	23.8	4.0	-4	12	56.3	20.8	-.3	.7	-.7
32ND	357.66	26.3	11.7	1441	2792	18.2	4.2	-4	10	26.3	11.7	-.1	.2	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 260

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	13.5	-17.0	2238	4588	6.0	-3.7	-16	-13	1026.7	57.0	-33.4	238.3	-7
5TH	24.67	7.3	-8.6	1554	2294	4.7	-3.7	-5	-4	1013.2	74.0	-31.8	213.1	-1.1
6TH	37.00	9.7	-8.7	1554	2294	6.2	-3.8	-1	-1	1005.9	82.6	-30.9	200.6	-1.2
7TH	49.33	12.0	-8.7	1554	2294	7.7	-3.8	1	1	996.2	91.3	-29.8	188.3	-1.2
8TH	61.67	14.1	-8.6	1554	2294	9.1	-3.8	2	3	984.2	100.0	-28.6	176.1	-1.2
9TH	74.00	16.3	-8.5	1554	2294	10.5	-3.7	2	4	970.1	108.6	-27.3	164.0	-1.2
10TH	86.33	18.4	-8.4	1554	2294	11.9	-3.7	2	5	953.8	117.1	-25.9	152.2	-1.1
11TH	98.67	20.8	-7.4	1554	2294	13.4	-3.2	2	5	935.4	125.5	-24.4	140.5	-1.0
12TH	111.00	23.7	-5.4	1554	2294	15.2	-2.3	2	7	914.5	133.0	-22.8	129.1	-8
13TH	123.33	26.6	-3.4	1554	2294	17.1	-1.5	1	8	890.8	138.3	-21.2	118.0	-7
14TH	135.66	29.4	-1.5	1554	2294	18.9	-.6	0	9	864.3	141.8	-19.4	107.2	-4
15TH	148.00	32.3	.5	1554	2294	20.8	.2	-0	9	834.9	143.2	-17.7	96.7	-2
16TH	160.33	35.2	2.5	1554	2294	22.6	1.1	-1	9	802.5	142.7	-15.9	86.6	.1
17TH	172.66	38.1	4.4	1554	2294	24.5	1.9	-1	10	767.4	140.3	-14.2	76.9	.4
18TH	185.00	40.8	5.8	1554	2294	26.2	2.5	-1	9	729.3	135.9	-12.5	67.7	.8
19TH	197.33	42.9	6.9	1554	2294	27.6	3.0	-1	7	688.5	130.1	-10.8	58.9	1.2
20TH	209.66	45.0	7.9	1554	2294	29.0	3.5	-1	5	645.6	123.2	-9.3	50.7	1.5
21ST	222.00	47.1	9.0	1554	2294	30.3	3.9	-1	4	600.6	115.3	-7.8	43.0	1.7
22ND	234.33	49.3	10.0	1554	2294	31.7	4.4	-1	3	553.5	106.3	-6.4	35.9	1.9
23RD	246.66	51.4	11.1	1554	2294	33.1	4.8	-0	2	504.2	96.2	-5.2	29.4	2.1
24TH	258.99	53.3	12.0	1554	2294	34.3	5.2	-0	1	452.8	85.1	-4.1	23.5	2.2
25TH	271.33	54.0	11.6	1554	2294	34.8	5.1	0	-1	399.5	73.2	-3.1	18.2	2.2
26TH	283.66	54.6	11.2	1554	2294	35.2	4.9	0	-2	345.5	61.6	-2.3	13.6	2.2
27TH	295.99	55.2	10.8	1554	2294	35.6	4.7	1	-3	290.9	50.4	-1.6	9.7	2.1
28TH	308.33	55.9	10.5	1554	2294	36.0	4.6	1	-4	235.6	39.5	-1.0	6.5	1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 260		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		56.1	10.2	1554	2294	36.1	4.4	1	-7	179.7	29.1	-1.6	3.9	1.6
30TH	332.99													
		56.1	9.8	1554	2294	36.1	4.3	2	-9	123.6	18.9	-1.3	2.0	1.3
31ST	345.33													
		36.1	4.5	1264	2294	28.6	1.9	1	-6	67.6	9.1	-1.1	.8	.7
32ND	357.66													
		31.4	4.6	1441	2792	21.8	1.7	2	-16	31.4	4.6	-1.0	.2	.5
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									858.6	-129.3	14.8	202.1	9.9
5TH	24.67	12.9	-21.9	2238	4588	5.8	-4.8	-8	-5	845.7	-107.4	11.9	181.1	9.7
6TH	37.00	7.9	-10.3	1554	2294	5.1	-4.5	1	1	837.7	-97.1	10.7	170.7	9.7
7TH	49.33	9.4	-10.2	1554	2294	6.0	-4.5	2	2	828.4	-86.8	9.5	160.4	9.8
8TH	61.67	10.8	-10.1	1554	2294	6.9	-4.4	3	3	817.6	-76.8	8.5	150.3	9.8
9TH	74.00	12.1	-9.9	1554	2294	7.8	-4.3	3	3	805.5	-66.9	7.6	140.3	9.9
10TH	86.33	13.4	-9.6	1554	2294	8.6	-4.2	3	4	792.2	-57.3	6.9	130.4	10.0
11TH	98.67	14.7	-9.4	1554	2294	9.4	-4.1	3	4	777.5	-47.8	6.2	120.7	10.1
12TH	111.00	16.1	-8.2	1554	2294	10.4	-3.6	1	3	761.4	-39.6	5.7	111.2	10.1
13TH	123.33	18.1	-6.6	1554	2294	11.6	-2.9	1	2	743.3	-33.1	5.2	102.0	10.2
14TH	135.66	20.1	-5.2	1554	2294	13.0	-2.3	0	1	723.2	-27.9	4.9	92.9	10.2
15TH	148.00	22.2	-3.8	1554	2294	14.3	-1.6	-0	-0	701.0	-24.1	4.5	84.1	10.2
16TH	160.33	24.3	-2.4	1554	2294	15.6	-1.0	-0	-1	676.7	-21.7	4.3	75.6	10.1
17TH	172.66	26.3	-1.0	1554	2294	16.9	-.4	-0	-2	650.4	-20.8	4.0	67.5	10.1
18TH	185.00	28.4	.5	1554	2294	18.3	.2	0	-3	622.0	-21.2	3.7	59.6	10.0
19TH	197.33	30.7	.9	1554	2294	19.8	.4	0	-4	591.3	-22.1	3.5	52.1	9.9
20TH	209.66	33.1	.8	1554	2294	21.3	.3	0	-6	558.3	-22.9	3.2	45.0	9.6
21ST	222.00	35.4	.7	1554	2294	22.8	.3	0	-8	522.9	-23.5	2.9	38.4	9.4
22ND	234.33	37.8	.5	1554	2294	24.3	.2	0	-10	485.1	-24.1	2.6	32.2	9.0
23RD	246.66	40.1	.4	1554	2294	25.8	.2	0	-11	445.0	-24.5	2.3	26.4	8.5
24TH	258.99	42.5	.3	1554	2294	27.3	.1	0	-12	402.6	-24.8	2.0	21.2	8.0
25TH	271.33	44.7	.1	1554	2294	28.8	.0	0	-13	357.8	-24.9	1.7	16.5	7.4
26TH	283.66	46.3	-.5	1554	2294	29.8	-.2	-0	-15	311.6	-24.4	1.4	12.4	6.7
27TH	295.99	47.8	-1.1	1554	2294	30.8	-.5	-0	-17	263.7	-23.2	1.1	8.8	5.9
28TH	308.33	49.4	-1.7	1554	2294	31.8	-.8	-1	-19	214.4	-21.5	.8	5.9	5.0
		50.9	-2.4	1554	2294	32.7	-1.0	-1	-20					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 270				CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32		
REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									163.5	-19.2	.6	3.5	4.0
		51.1	-3.0	1554	2294	32.9	-1.3	-1	-21					
30TH	332.99									112.5	-16.2	.4	1.8	2.9
		51.1	-3.6	1554	2294	32.9	-1.6	-2	-22					
31ST	345.33									61.4	-12.6	.2	.8	1.7
		32.5	-4.7	1264	2294	25.7	-2.1	-3	-19					
32ND	357.66									28.9	-7.8	.1	.2	1.1
		28.9	-7.8	1441	2792	20.0	-2.8	-10	-36					
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 280				CONFIGURATION B				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE				REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	34.2	-12.3	1554	2294	22.0	-5.3	-11	-31	109.1	-45.3	1.1	2.4	4.3	
30TH	332.99	32.9	-13.2	1554	2294	21.2	-5.7	-12	-31	74.9	-33.0	.6	1.3	3.1	
31ST	345.33	22.2	-6.5	1264	2294	17.6	-2.8	-9	-31	42.0	-19.8	.3	.5	1.9	
32ND	357.66	19.8	-13.3	1441	2792	13.7	-4.8	-27	-40	19.8	-13.3	.1	.1	1.1	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	9.1	-7.3	2238	4588	4.1	-1.6	17	21	477.8	-315.6	77.6	104.8	11.5
5TH	24.67	4.7	-3.6	1554	2294	3.1	-1.6	17	22	468.7	-308.3	69.9	93.2	11.8
6TH	37.00	6.3	-3.9	1554	2294	4.1	-1.7	13	21	464.0	-304.8	66.1	87.4	12.0
7TH	49.33	7.7	-4.3	1554	2294	4.9	-1.9	11	20	457.7	-300.8	62.4	81.7	12.1
8TH	61.67	8.7	-4.5	1554	2294	5.6	-2.0	10	20	450.0	-296.6	58.7	76.1	12.3
9TH	74.00	9.7	-4.8	1554	2294	6.2	-2.1	10	19	441.3	-292.0	55.1	70.6	12.5
10TH	86.33	10.7	-5.1	1554	2294	6.9	-2.2	9	19	431.6	-287.2	51.5	65.3	12.8
11TH	98.67	11.5	-4.4	1554	2294	7.4	-1.9	5	14	421.0	-282.1	48.0	60.0	13.0
12TH	111.00	12.6	-4.9	1554	2294	8.1	-2.1	4	9	409.5	-277.7	44.5	54.9	13.2
13TH	123.33	13.8	-5.6	1554	2294	8.9	-2.4	2	5	396.9	-272.8	41.1	49.9	13.3
14TH	135.66	14.9	-6.3	1554	2294	9.6	-2.7	1	2	383.2	-267.2	37.8	45.1	13.4
15TH	148.00	16.1	-6.9	1554	2294	10.4	-3.0	-0	-1	368.2	-260.9	34.5	40.5	13.5
16TH	160.33	17.3	-7.6	1554	2294	11.2	-3.3	-1	-3	352.1	-254.0	31.4	36.0	13.4
17TH	172.66	18.5	-8.3	1554	2294	11.9	-3.6	-2	-5	334.8	-246.4	28.3	31.8	13.4
18TH	185.00	19.5	-9.1	1554	2294	12.6	-4.0	-4	-9	316.2	-238.1	25.3	27.8	13.3
19TH	197.33	20.4	-9.9	1554	2294	13.1	-4.3	-6	-13	296.7	-229.0	22.4	24.0	13.1
20TH	209.66	21.4	-10.7	1554	2294	13.7	-4.7	-8	-17	276.3	-219.1	19.6	20.5	12.7
21ST	222.00	22.3	-11.5	1554	2294	14.3	-5.0	-10	-20	254.9	-208.4	17.0	17.2	12.3
22ND	234.33	23.2	-12.3	1554	2294	14.9	-5.4	-12	-23	232.7	-197.0	14.5	14.2	11.7
23RD	246.66	24.1	-13.1	1554	2294	15.5	-5.7	-14	-26	209.5	-184.7	12.2	11.5	11.0
24TH	258.99	24.9	-14.1	1554	2294	16.0	-6.1	-16	-28	185.3	-171.6	10.0	9.0	10.2
25TH	271.33	24.6	-16.1	1554	2294	15.8	-7.0	-19	-29	160.4	-157.5	7.9	6.9	9.3
26TH	283.66	24.2	-18.2	1554	2294	15.6	-7.9	-23	-30	135.8	-141.4	6.1	5.1	8.3
27TH	295.99	23.9	-20.2	1554	2294	15.4	-8.8	-26	-31	111.6	-123.2	4.5	3.5	7.1
28TH	308.33	23.4	-22.2	1554	2294	15.1	-9.7	-29	-31	87.7	-103.0	3.1	2.3	5.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE											
WIND DIRECTION 290				CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	21.3	-23.1	1554	2294	13.7	-10.1	-31	-28	64.3	-80.9	1.9	1.4	4.5	
30TH	332.99	19.1	-24.1	1554	2294	12.3	-10.5	-32	-25	43.1	-57.7	1.1	.7	3.2	
31ST	345.33	13.5	-11.6	1264	2294	10.7	-5.1	-31	-37	24.0	-33.6	.5	.3	2.0	
32ND	357.66	10.5	-22.0	1441	2792	7.3	-7.9	-41	-19	10.5	-22.0	.2	.1	1.1	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 300														
TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF														
CONFIGURATION B														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	8.2	-28.1	2238	4588	3.7	-6.1	13	4	155.0	-610.3	127.7	32.1	19.8
5TH	24.67	2.6	-14.6	1554	2294	1.6	-6.4	7	1	146.9	-582.2	113.0	28.3	20.2
6TH	37.00	3.7	-15.4	1554	2294	2.4	-6.7	7	2	144.3	-567.6	105.9	26.6	20.3
7TH	49.33	4.3	-16.1	1554	2294	2.8	-7.0	8	2	140.6	-552.2	99.0	24.8	20.4
8TH	61.67	4.3	-16.7	1554	2294	2.8	-7.3	8	2	136.2	-536.0	92.3	23.1	20.5
9TH	74.00	4.2	-17.2	1554	2294	2.7	-7.5	8	2	131.9	-519.4	85.8	21.4	20.7
10TH	86.33	4.2	-17.7	1554	2294	2.7	-7.7	8	2	127.7	-502.2	79.5	19.8	20.8
11TH	98.67	3.6	-15.8	1554	2294	2.3	-6.9	-4	-1	123.5	-484.4	73.4	18.3	21.0
12TH	111.00	3.6	-15.6	1554	2294	2.3	-6.8	-11	-2	119.9	-468.7	67.5	16.8	20.9
13TH	123.33	3.6	-15.9	1554	2294	2.3	-6.9	-15	-3	116.3	-453.0	61.8	15.3	20.7
14TH	135.66	3.7	-16.1	1554	2294	2.4	-7.0	-19	-4	112.7	-437.1	56.3	13.9	20.5
15TH	148.00	3.8	-16.4	1554	2294	2.5	-7.1	-23	-5	109.0	-421.0	51.1	12.5	20.2
16TH	160.33	3.9	-16.6	1554	2294	2.5	-7.3	-27	-6	105.2	-404.6	46.0	11.2	19.8
17TH	172.66	4.0	-16.9	1554	2294	2.6	-7.4	-31	-7	101.3	-387.9	41.1	10.0	19.3
18TH	185.00	4.3	-17.7	1554	2294	2.8	-7.7	-35	-9	97.3	-371.0	36.4	8.7	18.7
19TH	197.33	5.1	-18.9	1554	2294	3.3	-8.3	-38	-10	93.0	-353.3	31.9	7.6	18.1
20TH	209.66	5.8	-20.1	1554	2294	3.8	-8.8	-41	-12	87.9	-334.4	27.7	6.4	17.3
21ST	222.00	6.6	-21.3	1554	2294	4.3	-9.3	-43	-13	82.0	-314.2	23.7	5.4	16.4
22ND	234.33	7.4	-22.5	1554	2294	4.7	-9.8	-45	-15	75.4	-292.9	19.9	4.4	15.4
23RD	246.66	8.1	-23.7	1554	2294	5.2	-10.4	-47	-16	68.1	-270.3	16.5	3.5	14.3
24TH	258.99	8.8	-25.1	1554	2294	5.6	-10.9	-48	-17	59.9	-246.6	13.3	2.8	13.0
25TH	271.33	8.6	-27.0	1554	2294	5.5	-11.8	-49	-16	51.2	-221.5	10.4	2.1	11.7
26TH	283.66	8.4	-29.0	1554	2294	5.4	-12.6	-50	-15	42.6	-194.5	7.8	1.5	10.2
27TH	295.99	8.2	-30.9	1554	2294	5.3	-13.5	-51	-14	34.2	-165.5	5.6	1.0	8.6
28TH	308.33	7.8	-32.7	1554	2294	5.0	-14.3	-52	-12	26.0	-134.6	3.8	.6	6.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 300														
CONFIGURATION B														
TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE														
REFERENCE PRESSURE 22.0 PSF														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									18.2	-101.9	2.3	.4	5.2
30TH	332.99	6.4	-32.5	1554	2294	4.1	-14.1	-50	-10	11.8	-69.4	1.2	.2	3.5
31ST	345.33	4.9	-32.2	1554	2294	3.2	-14.0	-49	-7	6.9	-37.2	.6	.1	1.9
32ND	357.66	4.8	-11.1	1264	2294	3.8	-4.8	-52	-23	2.0	-26.1	.2	.0	1.2
TOP	372.67	2.0	-26.1	1441	2792	1.4	-9.4	-44	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		CONFIGURATION B		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32				
WIND DIRECTION 310						REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	
4TH	0.00	10.3	-54.1	2238	4588	4.6	-11.8	9	2	-151.4	-985.2	184.1	-29.2	31.5
5TH	24.67	-4.8	-28.1	1554	2294	-3.1	-12.3	-7	1	-161.7	-931.1	160.4	-25.3	32.0
6TH	37.00	-4.6	-29.6	1554	2294	-3.0	-12.9	-7	1	-156.9	-903.0	149.1	-23.4	31.8
7TH	49.33	-5.0	-30.9	1554	2294	-3.2	-13.5	-7	1	-152.4	-873.4	138.2	-21.5	31.6
8TH	61.67	-6.0	-32.0	1554	2294	-3.9	-14.0	-7	1	-147.4	-842.5	127.6	-19.6	31.4
9TH	74.00	-7.1	-33.2	1554	2294	-4.5	-14.5	-7	1	-141.4	-810.4	117.4	-17.8	31.1
10TH	86.33	-8.1	-34.3	1554	2294	-5.2	-14.9	-7	2	-134.3	-777.3	107.6	-16.1	30.9
11TH	98.67	-9.0	-31.1	1554	2294	-5.8	-13.5	-19	5	-126.2	-743.0	98.2	-14.5	30.6
12TH	111.00	-8.8	-31.1	1554	2294	-5.7	-13.5	-23	6	-117.2	-712.0	89.3	-13.0	30.0
13TH	123.33	-8.4	-31.7	1554	2294	-5.4	-13.8	-25	7	-108.4	-680.9	80.7	-11.6	29.2
14TH	135.66	-8.1	-32.2	1554	2294	-5.2	-14.1	-27	7	-100.0	-649.2	72.5	-10.4	28.4
15TH	148.00	-7.7	-32.8	1554	2294	-5.0	-14.3	-29	7	-91.9	-617.0	64.7	-9.2	27.5
16TH	160.33	-7.4	-33.4	1554	2294	-4.8	-14.6	-30	7	-84.2	-584.1	57.2	-8.1	26.5
17TH	172.66	-7.0	-34.0	1554	2294	-4.5	-14.8	-32	7	-76.8	-550.7	50.2	-7.1	25.4
18TH	185.00	-6.7	-34.8	1554	2294	-4.3	-15.2	-34	7	-69.7	-516.7	43.7	-6.2	24.3
19TH	197.33	-6.0	-35.8	1554	2294	-3.9	-15.6	-37	6	-63.1	-481.9	37.5	-5.4	23.0
20TH	209.66	-5.4	-36.7	1554	2294	-3.5	-16.0	-39	6	-57.0	-446.1	31.8	-4.6	21.7
21ST	222.00	-4.8	-37.7	1554	2294	-3.1	-16.4	-42	5	-51.6	-409.4	26.5	-4.0	20.2
22ND	234.33	-4.2	-38.7	1554	2294	-2.7	-16.9	-44	5	-46.9	-371.7	21.7	-3.4	18.6
23RD	246.66	-3.5	-39.6	1554	2294	-2.3	-17.3	-46	4	-42.7	-333.0	17.4	-2.8	16.9
24TH	258.99	-3.0	-40.5	1554	2294	-2.0	-17.6	-48	4	-39.2	-293.4	13.5	-2.3	15.0
25TH	271.33	-3.5	-40.6	1554	2294	-2.2	-17.7	-48	4	-36.1	-252.9	10.1	-1.8	13.1
26TH	283.66	-3.9	-40.8	1554	2294	-2.5	-17.8	-49	5	-32.7	-212.3	7.3	-1.4	11.1
27TH	295.99	-4.4	-41.0	1554	2294	-2.8	-17.9	-49	5	-28.8	-171.5	4.9	-1.0	9.1
28TH	308.33	-4.9	-40.8	1554	2294	-3.1	-17.8	-49	6	-24.4	-130.6	3.0	-.7	7.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									-19.5	-89.8	1.7	-.4	5.1
30TH	332.99	-5.9	-37.5	1554	2294	-3.8	-16.3	-49	8	-13.6	-52.3	.8	-.2	3.2
31ST	345.33	-7.0	-34.2	1554	2294	-4.5	-14.9	-49	10	-6.6	-18.1	.4	-.1	1.4
32ND	357.66	-2.2	-.6	1264	2294	-1.7	-.2	-48	186	-4.5	-17.6	.1	-.0	1.0
TOP	372.67	-4.5	-17.6	1441	2792	-3.1	-6.3	-54	14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

CONFIGURATION B

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	10.3	-68.2	2238	4588	4.6	-14.9	11	2	-322.5	-1242.6	224.4	-57.7	29.9
5TH	24.67	-9.6	-35.4	1554	2294	-6.2	-15.4	-7	2	-332.8	-1174.4	194.6	-49.6	30.6
6TH	37.00	-10.7	-37.6	1554	2294	-6.9	-16.4	-8	2	-323.2	-1139.0	180.3	-45.5	30.4
7TH	49.33	-11.8	-39.6	1554	2294	-7.6	-17.3	-8	2	-312.5	-1101.4	166.5	-41.6	30.1
8TH	61.67	-12.9	-41.6	1554	2294	-8.3	-18.1	-9	3	-300.7	-1061.8	153.2	-37.8	29.7
9TH	74.00	-14.1	-43.5	1554	2294	-9.1	-19.0	-9	3	-287.7	-1020.2	140.3	-34.2	29.3
10TH	86.33	-15.3	-45.5	1554	2294	-9.8	-19.8	-9	3	-273.6	-976.7	128.0	-30.8	28.9
11TH	98.67	-17.2	-42.4	1554	2294	-11.1	-18.5	-19	8	-258.4	-931.3	116.2	-27.5	28.4
12TH	111.00	-17.4	-42.8	1554	2294	-11.2	-18.6	-22	9	-241.1	-888.8	105.0	-24.4	27.4
13TH	123.33	-17.3	-43.8	1554	2294	-11.1	-19.1	-22	9	-223.7	-846.1	94.3	-21.5	26.4
14TH	135.66	-17.1	-44.8	1554	2294	-11.0	-19.5	-23	9	-206.4	-802.3	84.2	-18.9	25.2
15TH	148.00	-17.0	-45.8	1554	2294	-10.9	-20.0	-24	9	-189.3	-757.5	74.5	-16.4	24.1
16TH	160.33	-16.9	-46.8	1554	2294	-10.8	-20.4	-24	9	-172.3	-711.7	65.5	-14.2	22.8
17TH	172.66	-16.7	-47.9	1554	2294	-10.8	-20.9	-25	9	-155.4	-664.9	57.0	-12.2	21.6
18TH	185.00	-16.2	-48.2	1554	2294	-10.4	-21.0	-25	8	-138.7	-617.0	49.1	-10.4	20.2
19TH	197.33	-14.7	-48.3	1554	2294	-9.5	-21.0	-27	8	-122.5	-568.8	41.8	-8.8	18.9
20TH	209.66	-13.3	-48.3	1554	2294	-8.5	-21.0	-28	8	-107.8	-520.5	35.1	-7.3	17.5
21ST	222.00	-11.8	-48.3	1554	2294	-7.6	-21.0	-30	7	-94.5	-472.2	28.9	-6.1	16.0
22ND	234.33	-10.4	-48.3	1554	2294	-6.7	-21.1	-31	7	-82.7	-424.0	23.4	-5.0	14.5
23RD	246.66	-8.9	-48.3	1554	2294	-5.8	-21.1	-32	6	-72.3	-375.7	18.5	-4.0	12.9
24TH	258.99	-7.6	-48.3	1554	2294	-4.9	-21.1	-33	5	-63.4	-327.3	14.1	-3.2	11.3
25TH	271.33	-7.7	-48.1	1554	2294	-5.0	-21.0	-33	5	-55.8	-279.0	10.4	-2.5	9.7
26TH	283.66	-7.9	-48.0	1554	2294	-5.1	-20.9	-33	5	-48.0	-230.9	7.3	-1.8	8.0
27TH	295.99	-8.1	-47.8	1554	2294	-5.2	-20.8	-33	6	-40.2	-182.9	4.7	-1.3	6.4
28TH	308.33	-8.2	-47.2	1554	2294	-5.3	-20.6	-33	6	-32.1	-135.1	2.7	-.8	4.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 320 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		-8.2	-41.8	1554	2294	-5.3	-18.2	-33	7	-23.9	-87.9	1.4	-5	3.1
30TH	332.99													
		-8.2	-36.5	1554	2294	-5.3	-15.9	-34	8	-15.7	-46.0	.5	-3	1.7
31ST	345.33													
		-2.5	1.0	1264	2294	-2.0	.4	17	42	-7.5	-9.5	.2	-1	.4
32ND	357.66													
		-5.0	-10.6	1441	2792	-3.4	-3.8	-21	10	-5.0	-10.6	.1	-0	.3
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-416.1	-1456.0	262.1	-71.2	21.1
5TH	24.67	.1	-79.6	2238	4588	.0	-17.3	15	0	-416.1	-1376.5	227.2	-61.0	22.3
6TH	37.00	-16.6	-41.8	1554	2294	-10.7	-18.2	-2	1	-399.5	-1334.7	210.5	-55.9	22.2
7TH	49.33	-17.1	-44.2	1554	2294	-11.0	-19.3	-2	1	-382.4	-1290.5	194.3	-51.1	22.1
8TH	61.67	-17.5	-46.6	1554	2294	-11.2	-20.3	-3	1	-364.9	-1243.9	178.7	-46.5	21.9
9TH	74.00	-17.6	-49.0	1554	2294	-11.3	-21.3	-4	1	-347.3	-1194.9	163.6	-42.1	21.7
10TH	86.33	-17.8	-51.3	1554	2294	-11.4	-22.4	-4	2	-329.5	-1143.7	149.2	-37.9	21.5
11TH	98.67	-17.9	-53.6	1554	2294	-11.5	-23.4	-5	2	-311.6	-1090.0	135.4	-34.0	21.2
12TH	111.00	-20.5	-50.8	1554	2294	-13.2	-22.2	-13	5	-291.1	-1039.2	122.3	-30.3	20.4
13TH	123.33	-20.6	-51.0	1554	2294	-13.3	-22.3	-15	6	-270.5	-988.2	109.8	-26.8	19.5
14TH	135.66	-20.2	-52.0	1554	2294	-13.0	-22.7	-15	6	-250.3	-936.2	97.9	-23.6	18.6
15TH	148.00	-19.7	-52.9	1554	2294	-12.7	-23.1	-16	6	-230.6	-883.3	86.7	-20.6	17.6
16TH	160.33	-19.3	-53.9	1554	2294	-12.4	-23.5	-16	6	-211.3	-829.4	76.1	-17.9	16.6
17TH	172.66	-18.8	-54.8	1554	2294	-12.1	-23.9	-16	6	-192.5	-774.6	66.3	-15.4	15.6
18TH	185.00	-18.4	-55.7	1554	2294	-11.8	-24.3	-16	5	-174.1	-718.8	57.0	-13.1	14.6
19TH	197.33	-17.7	-56.2	1554	2294	-11.4	-24.5	-17	5	-156.4	-662.6	48.5	-11.1	13.6
20TH	209.66	-16.6	-56.4	1554	2294	-10.7	-24.6	-18	5	-139.8	-606.2	40.7	-9.3	12.5
21ST	222.00	-15.6	-56.6	1554	2294	-10.0	-24.7	-18	5	-124.2	-549.6	33.6	-7.7	11.4
22ND	234.33	-14.5	-56.8	1554	2294	-9.3	-24.8	-19	5	-109.7	-492.8	27.2	-6.2	10.2
23RD	246.66	-13.5	-57.0	1554	2294	-8.7	-24.9	-20	5	-96.2	-435.8	21.4	-4.9	9.0
24TH	258.99	-12.4	-57.2	1554	2294	-8.0	-24.9	-21	4	-83.8	-378.5	16.4	-3.8	7.8
25TH	271.33	-11.4	-57.2	1554	2294	-7.3	-25.0	-21	4	-72.4	-321.3	12.1	-2.9	6.5
26TH	283.66	-11.4	-56.2	1554	2294	-7.4	-24.5	-21	4	-60.9	-265.1	8.5	-2.0	5.2
27TH	295.99	-11.5	-55.2	1554	2294	-7.4	-24.0	-21	4	-49.4	-209.9	5.5	-1.4	4.0
28TH	308.33	-11.6	-54.1	1554	2294	-7.5	-23.6	-21	5	-37.8	-155.8	3.3	-.8	2.8
		-11.6	-52.6	1554	2294	-7.5	-22.9	-21	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 330 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-11.1	-46.8	1554	2294	-7.1	-20.4	-21	5	-26.2	-103.2	1.7	-.4	1.6
30TH	332.99	-10.6	-41.0	1554	2294	-6.8	-17.9	-21	5	-15.1	-56.4	.7	-.2	.6
31ST	345.33	-2.0	-3.1	1264	2294	-1.6	-1.3	15	-10	-4.4	-15.4	.3	-.1	-.3
32ND	357.66	-2.4	-12.3	1441	2792	-1.7	-4.4	20	-4	-2.4	-12.3	.1	-.0	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
WIND DIRECTION 340 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-11.3	-87.2	2238	4588	-5.1	-19.0	18	-2	-517.2	-1592.5	288.6	-89.7	11.8
5TH	24.67	-21.9	-45.7	1554	2294	-14.1	-19.9	2	-1	-505.9	-1505.4	250.4	-77.1	13.4
6TH	37.00	-21.8	-48.0	1554	2294	-14.0	-20.9	1	-1	-484.0	-1459.7	232.1	-71.0	13.5
7TH	49.33	-21.2	-50.3	1554	2294	-13.7	-21.9	0	-0	-462.2	-1411.7	214.4	-65.2	13.5
8TH	61.67	-20.3	-52.6	1554	2294	-13.0	-22.9	-0	0	-441.0	-1361.4	197.3	-59.6	13.6
9TH	74.00	-19.3	-55.0	1554	2294	-12.4	-24.0	-1	0	-420.7	-1308.8	180.8	-54.3	13.5
10TH	86.33	-18.3	-57.3	1554	2294	-11.8	-25.0	-2	1	-401.5	-1253.8	165.0	-49.2	13.5
11TH	98.67	-22.4	-55.0	1554	2294	-14.4	-24.0	-9	4	-383.2	-1196.5	149.9	-44.4	13.4
12TH	111.00	-23.0	-55.5	1554	2294	-14.8	-24.2	-10	4	-360.8	-1141.5	135.5	-39.8	12.8
13TH	123.33	-22.5	-56.6	1554	2294	-14.5	-24.7	-10	4	-337.8	-1086.0	121.7	-35.5	12.1
14TH	135.66	-22.1	-57.8	1554	2294	-14.2	-25.2	-10	4	-315.3	-1029.4	108.7	-31.5	11.5
15TH	148.00	-21.6	-58.9	1554	2294	-13.9	-25.7	-10	4	-293.2	-971.6	96.3	-27.7	10.8
16TH	160.33	-21.2	-60.1	1554	2294	-13.6	-26.2	-10	4	-271.6	-912.7	84.7	-24.2	10.1
17TH	172.66	-20.7	-61.2	1554	2294	-13.3	-26.7	-10	3	-250.4	-852.6	73.8	-21.0	9.4
18TH	185.00	-20.2	-61.7	1554	2294	-13.0	-26.9	-10	3	-229.7	-791.4	63.7	-18.1	8.7
19TH	197.33	-19.5	-61.7	1554	2294	-12.6	-26.9	-11	3	-209.5	-729.7	54.3	-15.4	8.0
20TH	209.66	-18.9	-61.7	1554	2294	-12.2	-26.9	-11	3	-190.0	-668.0	45.7	-12.9	7.2
21ST	222.00	-18.3	-61.7	1554	2294	-11.7	-26.9	-12	3	-171.1	-606.3	37.8	-10.7	6.5
22ND	234.33	-17.6	-61.8	1554	2294	-11.3	-26.9	-12	3	-152.9	-544.6	30.7	-8.7	5.7
23RD	246.66	-17.0	-61.8	1554	2294	-10.9	-26.9	-12	3	-135.2	-482.9	24.4	-6.9	4.9
24TH	258.99	-16.4	-61.7	1554	2294	-10.5	-26.9	-13	3	-118.3	-421.1	18.8	-5.3	4.1
25TH	271.33	-16.4	-60.7	1554	2294	-10.6	-26.5	-13	3	-101.9	-359.4	14.0	-4.0	3.3
26TH	283.66	-16.6	-59.8	1554	2294	-10.7	-26.1	-12	3	-85.5	-298.7	10.0	-2.8	2.5
27TH	295.99	-16.7	-58.9	1554	2294	-10.7	-25.7	-12	4	-69.0	-238.8	6.7	-1.9	1.7
28TH	308.33	-16.7	-57.5	1554	2294	-10.8	-25.1	-12	4	-52.3	-179.9	4.1	-1.1	.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-15.6	-51.0	1554	2294	-10.0	-22.2	-12	4	-35.6	-122.5	2.2	-.6	.1
30TH	332.99	-14.4	-44.6	1554	2294	-9.3	-19.4	-11	4	-20.0	-71.4	1.0	-.2	-.6
31ST	345.33	-3.0	-9.3	1264	2294	-2.4	-4.1	34	-11	-5.6	-26.9	.4	-.1	-1.1
32ND	357.66	-2.5	-17.6	1441	2792	-1.8	-6.3	43	-6	-2.5	-17.6	.1	-.0	-.8
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-24.2	-89.6	2238	4388	-10.8	-19.5	22	-6	-651.9	-1652.9	303.8	-113.1	1.4
5TH	24.67	-26.5	-46.4	1554	2294	-17.1	-20.2	7	-4	-627.7	-1563.3	264.1	-97.4	3.6
6TH	37.00	-26.5	-48.4	1554	2294	-17.0	-21.1	6	-3	-601.2	-1516.9	245.1	-89.8	4.0
7TH	49.33	-26.1	-50.6	1554	2294	-16.8	-22.1	5	-3	-574.7	-1468.5	226.7	-82.5	4.4
8TH	61.67	-25.2	-52.8	1554	2294	-16.2	-23.0	4	-2	-548.6	-1417.9	208.9	-75.6	4.7
9TH	74.00	-24.4	-55.1	1554	2294	-15.7	-24.0	4	-2	-523.4	-1365.1	191.7	-69.0	5.0
10TH	86.33	-23.5	-57.3	1554	2294	-15.1	-25.0	3	-1	-499.0	-1310.0	175.2	-62.7	5.2
11TH	98.67	-27.7	-56.5	1554	2294	-17.8	-24.6	-2	1	-475.5	-1252.6	159.4	-56.7	5.4
12TH	111.00	-28.0	-57.1	1554	2294	-18.0	-24.9	-3	2	-447.8	-1196.2	144.3	-51.0	5.3
13TH	123.33	-27.1	-58.2	1554	2294	-17.5	-25.4	-4	2	-419.8	-1139.1	129.9	-45.6	5.0
14TH	135.66	-26.3	-59.3	1554	2294	-16.9	-25.8	-4	2	-392.7	-1080.9	116.2	-40.6	4.8
15TH	148.00	-25.4	-60.3	1554	2294	-16.4	-26.3	-4	2	-366.4	-1021.6	103.3	-35.9	4.5
16TH	160.33	-24.6	-61.4	1554	2294	-15.8	-26.8	-5	2	-341.0	-961.3	91.0	-31.6	4.2
17TH	172.66	-23.7	-62.5	1554	2294	-15.3	-27.2	-5	2	-316.4	-899.9	79.6	-27.5	3.8
18TH	185.00	-23.1	-63.1	1554	2294	-14.9	-27.5	-5	2	-292.6	-837.3	68.9	-23.8	3.5
19TH	197.33	-22.9	-63.3	1554	2294	-14.7	-27.6	-5	2	-269.5	-774.3	58.9	-20.3	3.1
20TH	209.66	-22.6	-63.5	1554	2294	-14.5	-27.7	-6	2	-246.7	-711.0	49.8	-17.1	2.7
21ST	222.00	-22.3	-63.8	1554	2294	-14.4	-27.8	-6	2	-224.1	-647.5	41.4	-14.2	2.3
22ND	234.33	-22.1	-64.0	1554	2294	-14.2	-27.9	-6	2	-201.8	-583.7	33.8	-11.6	1.9
23RD	246.66	-21.8	-64.2	1554	2294	-14.0	-28.0	-6	2	-179.7	-519.7	27.0	-9.2	1.5
24TH	258.99	-21.6	-64.4	1554	2294	-13.9	-28.1	-6	2	-157.8	-455.4	21.0	-7.2	1.0
25TH	271.33	-21.8	-63.7	1554	2294	-14.0	-27.8	-6	2	-136.2	-391.1	15.8	-5.3	.6
26TH	283.66	-22.0	-63.1	1554	2294	-14.2	-27.5	-6	2	-114.5	-327.3	11.3	-3.8	.2
27TH	295.99	-22.3	-62.5	1554	2294	-14.3	-27.3	-5	2	-92.4	-264.2	7.7	-2.5	-.2
28TH	308.33	-22.3	-61.4	1554	2294	-14.3	-26.7	-5	2	-70.2	-201.7	4.8	-1.5	-.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		TOWER CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE										GUST FACTOR 1.32		
WIND DIRECTION-350		CONFIGURATION B										REFERENCE PRESSURE 22.0 PSF		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-20.5	-54.8	1554	2294	-13.2	-23.9	-5	2	-47.9	-140.3	2.7	-.8	-1.0
30TH	332.99	-18.8	-48.3	1554	2294	-12.1	-21.0	-4	2	-27.3	-85.5	1.3	-.3	-1.3
31ST	345.33	-4.5	-14.2	1264	2294	-3.6	-6.2	34	-11	-8.5	-37.2	.5	-.1	-1.5
32ND	357.66	-4.0	-23.0	1441	2792	-2.8	-8.2	41	-7	-4.0	-23.0	.2	-.0	-1.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER, DATA ON TOWER A, WITH TOWER B NOT IN PLACE
 PROJECT 5210 CONFIGURATION B
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 29

SIDE	ANGLE	Z-AXIS
1	0.0	1.890
2	90.0	2.790
3	180.0	1.890
4	270.0	2.790

FLOOR #	LABEL	HEIGHT-FT
1	4TH	24.67
2	5TH	12.33
3	6TH	12.33
4	7TH	12.33
5	8TH	12.33
6	9TH	12.33
7	10TH	12.33
8	11TH	12.33
9	12TH	12.33
10	13TH	12.33
11	14TH	12.33
12	15TH	12.33
13	16TH	12.33
14	17TH	12.33
15	18TH	12.33
16	19TH	12.33
17	20TH	12.33
18	21ST	12.33
19	22ND	12.33
20	23RD	12.33
21	24TH	12.33
22	25TH	12.33
23	26TH	12.33
24	27TH	12.33
25	28TH	12.33
26	29TH	12.33
27	30TH	12.33
28	31ST	12.33
29	32ND	15.00

TABLE 7. BASE SHEAR AND MOMENT SUMMARY | TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT
CONFIGURATION J REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-702.0	-1175.5	215.1	-135.7	-6.8	4	-3
10	-794.2	-1002.6	183.6	-150.3	-15.1	9	-7
20	-900.6	-919.6	158.7	-166.6	-20.3	11	-11
30	-803.3	-808.1	140.0	-148.4	-24.3	15	-15
40	-600.5	-688.7	123.2	-110.9	-30.9	25	-22
50	-408.1	-216.3	34.2	-74.5	-38.1	39	-73
60	-241.6	627.9	-121.7	-38.9	-21.9	-30	-12
70	-138.3	1142.6	-224.3	-14.5	-2.5	-2	0
80	-69.8	1372.3	-269.6	2.8	10.9	8	0
90	23.5	1489.9	-297.7	24.0	20.7	14	0
100	150.0	1568.2	-308.9	47.6	28.9	17	-22
110	273.9	1557.4	-306.5	66.6	27.3	17	-3
120	188.7	1603.7	-316.9	42.1	20.7	13	-1
130	-24.4	1637.4	-324.4	-5.6	9.8	6	0
140	-192.7	1660.5	-326.6	-40.1	-2.8	-2	0
150	-182.2	1568.1	-307.1	-38.8	-12.0	-8	1
160	90.5	1493.6	-290.5	17.8	-15.9	-11	1
170	414.6	1383.4	-265.3	80.8	-14.7	-10	3
180	674.3	1198.4	-230.3	130.3	-10.8	-7	4
190	821.0	922.2	-175.5	159.4	-4.4	-3	2
200	899.1	587.3	-110.7	177.0	4.8	2	-4
210	928.3	191.1	-32.3	186.9	15.6	3	-16
220	923.6	-79.2	17.6	188.9	13.6	-1	-15
230	902.6	-34.4	-4.4	185.3	-6.1	0	7
240	970.9	221.0	-55.7	198.4	-19.9	-4	19
250	1059.8	161.2	-44.6	216.2	-10.9	-2	10
260	1078.6	-96.9	6.1	220.1	5.7	-0	-5
270	1022.5	-314.9	48.7	210.7	20.3	-6	-18
280	860.8	-484.1	80.6	178.8	30.6	-15	-27
290	544.5	-633.2	108.7	116.0	39.6	-36	-31
300	141.6	-759.6	134.2	37.2	43.4	-55	-10
310	-219.7	-896.6	159.6	-36.8	39.2	-41	10
320	-251.1	-1049.3	188.9	-43.6	32.8	-30	7
330	-289.0	-1118.8	199.0	-59.9	22.2	-19	5
340	-424.9	-1225.4	218.7	-88.0	12.4	-9	3
350	-579.2	-1252.8	224.4	-113.9	2.4	-2	1

TABLE 7. SHEAR AND MOMENT DIAGRAMS I WIND DIRECTION 0														
TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT CONFIGURATION J REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-24.0	-67.5	2238	4588	-10.7	-14.7	13	-5	-702.0	-1175.5	215.1	-135.7	-6.8
5TH	24.67	-19.3	-35.4	1554	2294	-12.4	-15.4	4	-2	-678.0	-1107.9	186.9	-118.6	-5.7
6TH	37.00	-19.8	-36.6	1554	2294	-12.7	-16.0	5	-3	-658.7	-1072.5	173.5	-110.4	-5.5
7TH	49.33	-20.2	-37.8	1554	2294	-13.0	-16.5	5	-3	-638.9	-1035.9	160.5	-102.4	-5.3
8TH	61.67	-20.5	-38.9	1554	2294	-13.2	-16.9	5	-3	-618.7	-998.1	147.9	-94.6	-5.1
9TH	74.00	-20.8	-40.0	1554	2294	-13.4	-17.4	5	-2	-598.3	-959.3	135.8	-87.1	-4.8
10TH	86.33	-21.1	-41.1	1554	2294	-13.6	-17.9	5	-2	-577.5	-919.3	124.3	-79.9	-4.6
11TH	98.67	-24.2	-40.4	1554	2294	-15.6	-17.6	1	-1	-556.4	-878.2	113.2	-72.9	-4.3
12TH	111.00	-25.0	-40.5	1554	2294	-16.1	-17.7	1	-1	-532.2	-837.8	102.6	-66.2	-4.3
13TH	123.33	-25.3	-40.8	1554	2294	-16.3	-17.8	1	-1	-507.1	-797.3	92.5	-59.8	-4.2
14TH	135.66	-25.6	-41.1	1554	2294	-16.4	-17.9	1	-1	-481.8	-756.5	82.9	-53.7	-4.2
15TH	148.00	-25.8	-41.4	1554	2294	-16.6	-18.1	2	-1	-456.3	-715.4	73.8	-47.9	-4.1
16TH	160.33	-26.1	-41.8	1554	2294	-16.8	-18.2	2	-1	-430.5	-673.9	65.3	-42.4	-4.0
17TH	172.66	-26.3	-42.1	1554	2294	-16.9	-18.3	2	-1	-404.4	-632.2	57.2	-37.3	-3.9
18TH	185.00	-26.5	-42.4	1554	2294	-17.1	-18.5	2	-1	-378.1	-590.1	49.7	-32.4	-3.7
19TH	197.33	-26.7	-42.8	1554	2294	-17.2	-18.7	3	-2	-351.6	-547.7	42.7	-27.9	-3.6
20TH	209.66	-27.0	-43.2	1554	2294	-17.4	-18.8	3	-2	-324.8	-504.8	36.2	-23.8	-3.4
21ST	222.00	-27.2	-43.6	1554	2294	-17.5	-19.0	3	-2	-297.9	-461.6	30.2	-19.9	-3.3
22ND	234.33	-27.5	-44.0	1554	2294	-17.7	-19.2	3	-2	-270.6	-418.0	24.8	-16.4	-3.1
23RD	246.66	-27.7	-44.4	1554	2294	-17.8	-19.4	3	-2	-243.2	-374.0	19.9	-13.3	-2.9
24TH	258.99	-27.9	-44.7	1554	2294	-18.0	-19.5	3	-2	-215.5	-329.6	15.6	-10.4	-2.7
25TH	271.33	-28.1	-44.7	1554	2294	-18.1	-19.5	3	-2	-187.6	-284.9	11.8	-7.9	-2.5
26TH	283.66	-28.3	-44.6	1554	2294	-18.2	-19.4	4	-2	-159.5	-240.3	8.5	-5.8	-2.3
27TH	295.99	-28.6	-44.5	1554	2294	-18.4	-19.4	4	-2	-131.1	-195.7	5.9	-4.0	-2.1
28TH	308.33	-28.6	-44.1	1554	2294	-18.4	-19.2	4	-3	-102.6	-151.1	3.7	-2.6	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS I													
WIND DIRECTION		O		CONFIGURATION J		TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT							
						REFERENCE PRESSURE 22.0 PSF							
		FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32	
FLOOR	HEIGHT	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
29TH	320.66	-26.7	-40.1	1554	2294	-17.2	-17.5	4	-3	-74.0	-107.0	2.1	-1.5
30TH	332.99	-24.8	-36.1	1354	2294	-16.0	-15.7	5	-3	-47.3	-66.9	1.1	-0.7
31ST	345.33	-10.4	-11.5	1264	2294	-8.2	-5.0	23	-21	-22.5	-30.9	.5	-0.3
32ND	357.66	-12.1	-19.4	1441	2792	-8.4	-6.9	23	-14	-12.1	-19.4	.1	-0.1
TOP	372.67									0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10														
CONFIGURATION J TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-29.1	-34.1	1554	2294	-18.7	-14.9	10	-8	-83.3	-94.4	1.9	-1.7	-2.1
30TH	332.99	-27.1	-31.2	1554	2294	-17.5	-13.6	10	-9	-54.2	-60.3	1.0	-.9	-1.6
31ST	345.33	-12.3	-10.0	1264	2294	-9.8	-4.4	17	-21	-27.1	-29.1	.4	-.4	-1.0
32ND	357.66	-14.8	-19.1	1441	2792	-10.2	-6.8	19	-15	-14.8	-19.1	.1	-.1	-.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND WIND DIRECTION 20

CONFIGURATION J

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-30.5	-28.3	1554	2294	-19.6	-12.3	14	-15	-91.7	-82.0	1.8	-2.0	-2.7
30TH	332.99	-28.7	-26.4	1554	2294	-18.5	-11.5	14	-15	-61.2	-53.7	.9	-1.0	-1.8
31ST	345.33	-14.1	-7.9	1264	2294	-11.2	-3.4	12	-22	-32.5	-27.3	.4	-.5	-1.0
32ND	357.66	-18.4	-19.4	1441	2792	-12.8	-7.0	17	-16	-18.4	-19.4	.1	-.1	-.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT													
WIND DIRECTION		30		CONFIGURATION J		REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
4TH	0.00	-38.5	-62.9	2238	4588	-17.2	-13.7	15	-9	-803.3	-808.1	140.0	-148.4
5TH	24.67	-24.9	-31.2	1554	2294	-16.0	-13.6	10	-8	-764.7	-745.2	120.9	-129.1
6TH	37.00	-25.8	-30.8	1554	2294	-16.6	-13.4	10	-8	-739.8	-713.9	111.9	-119.8
7TH	49.33	-26.5	-30.4	1554	2294	-17.1	-13.3	10	-9	-714.1	-683.1	103.3	-110.8
8TH	61.67	-27.1	-30.0	1554	2294	-17.5	-13.1	10	-9	-687.5	-652.7	95.0	-102.2
9TH	74.00	-27.7	-29.6	1554	2294	-17.8	-12.9	10	-10	-660.4	-622.6	87.2	-93.9
10TH	86.33	-28.3	-29.2	1554	2294	-18.2	-12.7	10	-10	-632.7	-593.0	79.7	-85.9
11TH	98.67	-29.2	-30.0	1554	2294	-18.8	-13.1	12	-12	-604.4	-563.8	72.5	-78.3
12TH	111.00	-29.3	-29.5	1554	2294	-18.9	-12.8	13	-13	-575.2	-533.8	65.8	-71.0
13TH	123.33	-29.2	-28.8	1554	2294	-18.8	-12.5	14	-14	-545.8	-504.3	59.4	-64.1
14TH	135.66	-29.1	-28.1	1554	2294	-18.7	-12.2	14	-15	-516.6	-475.6	53.3	-57.5
15TH	148.00	-29.0	-27.4	1554	2294	-18.6	-12.0	15	-15	-487.5	-447.5	47.6	-51.3
16TH	160.33	-28.9	-26.7	1554	2294	-18.6	-11.7	15	-16	-458.6	-420.0	42.3	-45.5
17TH	172.66	-28.7	-26.0	1554	2294	-18.5	-11.4	16	-17	-429.7	-393.3	37.3	-40.0
18TH	185.00	-28.7	-25.8	1554	2294	-18.4	-11.2	16	-18	-401.0	-367.3	32.6	-34.9
19TH	197.33	-28.6	-25.8	1554	2294	-18.4	-11.2	16	-18	-372.3	-341.5	28.2	-30.1
20TH	209.66	-28.6	-25.8	1554	2294	-18.4	-11.2	17	-18	-343.7	-315.7	24.2	-25.7
21ST	222.00	-28.6	-25.8	1554	2294	-18.4	-11.2	17	-19	-315.0	-289.9	20.4	-21.7
22ND	234.33	-28.6	-25.8	1554	2294	-18.4	-11.2	17	-19	-286.4	-264.1	17.0	-17.9
23RD	246.66	-28.6	-25.8	1554	2294	-18.4	-11.3	17	-19	-257.8	-238.3	13.9	-14.6
24TH	258.99	-28.6	-25.8	1554	2294	-18.4	-11.2	18	-20	-229.3	-212.5	11.1	-11.6
25TH	271.33	-28.7	-25.7	1554	2294	-18.4	-11.2	18	-20	-200.7	-186.7	8.7	-8.9
26TH	283.66	-28.8	-25.6	1554	2294	-18.5	-11.2	18	-20	-172.0	-161.0	6.5	-6.6
27TH	295.99	-28.9	-25.6	1554	2294	-18.6	-11.1	18	-21	-143.3	-135.3	4.7	-4.7
28TH	308.33	-28.9	-25.5	1554	2294	-18.6	-11.1	18	-21	-114.3	-109.8	3.2	-3.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1														
WIND DIRECTION 30		CONFIGURATION J				TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT						GUST FACTOR 1.32		
REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-27.7	-25.2	1554	2294	-17.8	-11.0	18	-20	-85.4	-84.3	2.0	-1.9	-2.9
30TH	332.99	-26.5	-24.9	1554	2294	-17.1	-10.9	18	-20	-57.7	-59.1	1.1	-1.0	-1.9
31ST	345.33	-12.8	-11.2	1264	2294	-10.1	-4.9	14	-15	-31.1	-34.2	.5	-.4	-.9
32ND	357.66	-18.3	-23.0	1441	2792	-12.7	-8.2	16	-13	-18.3	-23.0	.2	-.1	-.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 40

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-600.5	-688.7	123.2	-110.9	-30.9
5TH	24.67	-33.8	-51.4	2238	4588	-15.1	-11.2	15	-10	-566.7	-637.2	106.9	-96.5	-29.8
6TH	37.00	-19.2	-25.5	1554	2294	-12.4	-11.1	15	-11	-547.4	-611.7	99.2	-89.7	-29.2
7TH	49.33	-19.7	-25.0	1554	2294	-12.7	-10.9	15	-12	-527.7	-586.7	91.8	-83.0	-28.6
8TH	61.67	-20.1	-24.5	1554	2294	-13.0	-10.7	16	-13	-507.6	-562.2	84.7	-76.7	-27.9
9TH	74.00	-20.3	-23.8	1554	2294	-13.1	-10.4	16	-14	-487.2	-538.4	77.9	-70.5	-27.3
10TH	86.33	-20.5	-23.2	1554	2294	-13.2	-10.1	17	-15	-466.7	-515.1	71.4	-64.6	-26.6
11TH	98.67	-20.7	-22.6	1554	2294	-13.3	-9.8	17	-16	-446.0	-492.6	65.2	-59.0	-25.8
12TH	111.00	-20.9	-24.3	1554	2294	-13.4	-10.6	23	-20	-425.1	-468.2	59.3	-53.6	-24.9
13TH	123.33	-20.8	-24.3	1554	2294	-13.4	-10.6	24	-21	-404.3	-443.9	53.6	-48.5	-23.9
14TH	135.66	-20.7	-23.9	1554	2294	-13.3	-10.4	25	-21	-383.7	-420.0	48.3	-43.7	-22.8
15TH	148.00	-20.6	-23.6	1554	2294	-13.2	-10.3	26	-22	-363.1	-396.4	43.3	-39.1	-21.8
16TH	160.33	-20.4	-23.3	1554	2294	-13.1	-10.1	26	-23	-342.7	-373.1	38.5	-34.7	-20.7
17TH	172.66	-20.3	-22.9	1554	2294	-13.1	-10.0	27	-24	-322.4	-350.2	34.1	-30.6	-19.6
18TH	185.00	-20.2	-22.6	1554	2294	-13.0	-9.8	28	-25	-302.2	-327.7	29.9	-26.8	-18.5
19TH	197.33	-20.2	-22.4	1554	2294	-13.0	-9.8	28	-25	-282.0	-305.3	26.0	-23.2	-17.3
20TH	209.66	-20.5	-22.3	1554	2294	-13.2	-9.7	28	-26	-261.4	-282.9	22.4	-19.8	-16.1
21ST	222.00	-20.8	-22.3	1554	2294	-13.4	-9.7	29	-27	-240.6	-260.7	19.0	-16.7	-14.9
22ND	234.33	-21.1	-22.2	1554	2294	-13.6	-9.7	29	-28	-219.6	-238.5	15.9	-13.9	-13.7
23RD	246.66	-21.4	-22.1	1554	2294	-13.8	-9.6	29	-28	-198.2	-216.4	13.1	-11.3	-12.5
24TH	258.99	-21.7	-22.0	1554	2294	-13.9	-9.6	30	-29	-176.5	-194.3	10.6	-9.0	-11.2
25TH	271.33	-21.9	-22.0	1554	2294	-14.1	-9.6	30	-30	-154.6	-172.3	8.3	-6.9	-9.9
26TH	283.66	-22.0	-22.1	1554	2294	-14.1	-9.7	31	-30	-132.6	-150.2	6.3	-5.2	-8.5
27TH	295.99	-22.0	-22.3	1554	2294	-14.2	-9.7	31	-31	-110.6	-127.9	4.6	-3.7	-7.2
28TH	308.33	-22.0	-22.4	1554	2294	-14.2	-9.8	32	-32	-88.6	-105.5	3.2	-2.4	-5.7
		-22.0	-22.5	1554	2294	-14.2	-9.8	33	-32					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 40														
CONFIGURATION J														
TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-21.2	-23.0	1554	2294	-13.7	-10.0	33	-31	-66.6	-83.0	2.0	-1.5	-4.3
30TH	332.99	-20.5	-23.4	1554	2294	-13.2	-10.2	34	-29	-45.3	-60.0	1.1	-.8	-2.9
31ST	345.33	-9.4	-13.6	1264	2294	-7.4	-5.9	30	-20	-24.9	-36.6	.5	-.4	-1.5
32ND	357.66	-15.5	-23.0	1441	2792	-10.8	-8.2	27	-18	-15.5	-23.0	.2	-.1	-.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 30		CONFIGURATION J		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)	AREA (SQ FT)	FORCE (KIPS)	AREA (SQ FT)	FORCE (KIPS)	AREA (SQ FT)	FORCE (KIPS)	AREA (SQ FT)	MOMENT (1000-FT-KIPS)	MOMENT (1000-FT-KIPS)	MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
4TH	0.00	-30.4	-20.1	2238	4588	-13.6	-4.4	20	-30	-408.1	-216.3	34.2	-74.5	-38.1
5TH	24.67	-14.2	-9.9	1554	2294	-9.2	-4.3	27	-39	-377.7	-196.1	29.1	-64.9	-36.7
6TH	37.00	-14.1	-9.5	1554	2294	-9.1	-4.2	28	-42	-363.5	-186.2	26.7	-60.3	-35.9
7TH	49.33	-14.0	-9.0	1554	2294	-9.0	-3.9	28	-44	-349.4	-176.7	24.5	-55.9	-35.1
8TH	61.67	-14.2	-8.3	1554	2294	-9.1	-3.6	27	-46	-335.4	-167.7	22.4	-51.7	-34.2
9TH	74.00	-14.3	-7.6	1554	2294	-9.2	-3.3	25	-47	-321.2	-159.4	20.4	-47.6	-33.3
10TH	86.33	-14.4	-6.9	1554	2294	-9.3	-3.0	23	-49	-306.9	-151.8	18.4	-43.7	-32.5
11TH	98.67	-13.1	-9.9	1554	2294	-8.4	-4.3	44	-58	-292.5	-145.0	16.6	-40.0	-31.6
12TH	111.00	-12.8	-10.0	1554	2294	-8.2	-4.3	48	-62	-279.4	-135.1	14.9	-36.5	-30.4
13TH	123.33	-12.8	-9.5	1554	2294	-8.2	-4.2	49	-66	-266.6	-125.1	13.3	-33.2	-29.1
14TH	135.66	-12.7	-9.1	1554	2294	-8.2	-4.0	50	-69	-253.8	-115.6	11.8	-29.9	-27.8
15TH	148.00	-12.7	-8.7	1554	2294	-8.2	-3.8	50	-73	-241.1	-106.5	10.4	-26.9	-26.5
16TH	160.33	-12.6	-8.2	1554	2294	-8.1	-3.6	50	-78	-228.5	-97.9	9.2	-24.0	-25.1
17TH	172.66	-12.6	-7.8	1554	2294	-8.1	-3.4	51	-82	-215.8	-89.7	8.0	-21.3	-23.7
18TH	185.00	-12.7	-7.3	1554	2294	-8.2	-3.2	50	-86	-203.2	-81.9	6.9	-18.7	-22.3
19TH	197.33	-12.9	-6.9	1554	2294	-8.3	-3.0	47	-88	-190.5	-74.5	6.0	-16.2	-20.9
20TH	209.66	-13.2	-6.5	1554	2294	-8.5	-2.8	45	-91	-177.6	-67.6	5.1	-14.0	-19.4
21ST	222.00	-13.4	-6.0	1554	2294	-8.6	-2.6	42	-94	-164.4	-61.2	4.3	-11.9	-17.9
22ND	234.33	-13.7	-5.6	1554	2294	-8.8	-2.4	40	-96	-151.0	-55.1	3.6	-9.9	-16.4
23RD	246.66	-13.9	-5.2	1554	2294	-8.9	-2.3	37	-98	-137.4	-49.5	2.9	-8.1	-14.9
24TH	258.99	-14.1	-4.8	1554	2294	-9.1	-2.1	34	-100	-123.5	-44.4	2.4	-6.5	-13.3
25TH	271.33	-14.3	-5.0	1554	2294	-9.3	-2.2	34	-100	-109.3	-39.5	1.8	-5.1	-11.7
26TH	283.66	-14.8	-5.1	1554	2294	-9.5	-2.2	35	-99	-94.9	-34.5	1.4	-3.8	-10.1
27TH	295.99	-15.1	-5.3	1554	2294	-9.7	-2.3	35	-99	-80.1	-29.4	1.0	-2.8	-8.5
28TH	308.33	-15.3	-5.5	1554	2294	-9.9	-2.4	35	-98	-65.0	-24.1	.7	-1.9	-6.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 50		CONFIGURATION J				TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT				REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.66	-15.0	-6.1	1554	2294	-9.6	-2.6	39	-96	-49.6	-18.6	.4	-1.2	-5.1	
30TH	332.99	-14.6	-6.6	1554	2294	-9.4	-2.9	42	-93	-34.7	-12.5	.2	-.6	-3.4	
31ST	345.33	-7.1	-1.7	1264	2294	-5.6	-.7	24	-103	-20.0	-5.9	.1	-.3	-1.8	
32ND	357.66	-12.9	-4.3	1441	2792	-9.0	-1.5	23	-71	-12.9	-4.3	.0	-.1	-1.0	
TOP	372.67									0.0	0.0	0.0	0.0	0.0	

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-30.2	30.0	2238	4588	-13.5	6.5	-6	-6	-241.6	627.9	-121.7	-38.9	-21.9
5TH	24.67	-12.6	16.1	1554	2294	-8.1	7.0	-15	-12	-211.4	597.9	-106.6	-33.3	-21.6
6TH	37.00	-12.0	16.8	1554	2294	-7.7	7.3	-16	-12	-198.8	581.8	-99.3	-30.8	-21.2
7TH	49.33	-11.4	17.7	1554	2294	-7.4	7.7	-17	-11	-186.8	565.0	-92.3	-28.4	-20.8
8TH	61.67	-10.9	18.8	1554	2294	-7.0	8.2	-17	-10	-175.4	547.3	-85.4	-26.2	-20.3
9TH	74.00	-10.4	19.9	1554	2294	-6.7	8.7	-17	-9	-164.4	528.5	-78.8	-24.1	-19.9
10TH	86.33	-9.9	21.0	1554	2294	-6.4	9.2	-17	-8	-154.0	508.5	-72.4	-22.1	-19.5
11TH	98.67	-7.3	18.5	1554	2294	-4.7	8.1	-35	-14	-144.1	487.5	-66.2	-20.3	-19.0
12TH	111.00	-6.5	18.9	1554	2294	-4.2	8.2	-38	-13	-136.8	469.0	-60.3	-18.5	-18.3
13TH	123.33	-6.3	19.9	1554	2294	-4.1	8.7	-38	-12	-130.3	450.1	-54.7	-16.9	-17.5
14TH	135.66	-6.1	20.8	1554	2294	-3.9	9.1	-37	-11	-123.9	430.3	-49.2	-15.3	-16.6
15TH	148.00	-5.9	21.7	1554	2294	-3.8	9.5	-37	-10	-117.8	409.5	-44.0	-13.8	-15.8
16TH	160.33	-5.7	22.7	1554	2294	-3.7	9.9	-36	-9	-111.9	387.7	-39.1	-12.4	-14.9
17TH	172.66	-5.5	23.6	1554	2294	-3.5	10.3	-35	-8	-106.2	365.0	-34.5	-11.1	-14.1
18TH	185.00	-5.5	24.1	1554	2294	-3.5	10.5	-35	-8	-100.7	341.4	-30.1	-9.8	-13.2
19TH	197.33	-5.6	24.2	1554	2294	-3.6	10.6	-36	-8	-95.2	317.3	-26.1	-8.6	-12.3
20TH	209.66	-5.8	24.4	1554	2294	-3.7	10.6	-36	-9	-89.6	293.1	-22.3	-7.4	-11.4
21ST	222.00	-6.0	24.5	1554	2294	-3.8	10.7	-36	-9	-83.8	268.8	-18.8	-6.4	-10.5
22ND	234.33	-6.1	24.7	1554	2294	-3.9	10.8	-36	-9	-77.8	244.2	-15.7	-5.4	-9.5
23RD	246.66	-6.3	24.8	1554	2294	-4.0	10.8	-36	-9	-71.7	219.6	-12.8	-4.5	-8.6
24TH	258.99	-6.5	24.8	1554	2294	-4.2	10.8	-37	-10	-65.4	194.8	-10.3	-3.6	-7.6
25TH	271.33	-6.9	24.0	1554	2294	-4.5	10.5	-38	-11	-59.0	169.9	-8.0	-2.8	-6.6
26TH	283.66	-7.4	23.3	1554	2294	-4.8	10.1	-39	-12	-52.1	145.9	-6.1	-2.2	-5.6
27TH	295.99	-7.9	22.5	1554	2294	-5.1	9.8	-40	-14	-44.7	122.6	-4.4	-1.6	-4.6
28TH	308.33	-8.3	21.6	1554	2294	-5.3	9.4	-41	-16	-36.8	100.1	-3.0	-1.1	-3.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT
WIND DIRECTION 60 CONFIGURATION J REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-8.6	20.5	1554	2294	-5.5	9.0	-42	-18	-20.5	78.5	-1.9	-0.7	-2.6
30TH	332.99	-8.8	19.4	1554	2294	-5.7	8.5	-43	-20	-19.9	58.0	-1.1	-0.4	-1.6
31ST	345.33	-3.9	19.2	1264	2294	-3.1	8.4	-9	-2	-11.1	38.5	-0.5	-0.2	-0.6
32ND	357.66	-7.2	19.3	1441	2792	-5.0	6.9	-17	-6	-7.2	19.3	-0.1	-0.1	-0.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 70		CONFIGURATION J		TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-31.0	54.8	2238	4588	-13.8	11.9	4	2	-138.3	1142.6	-224.3	-14.5	-2.5
5TH	24.67	-12.9	29.5	1554	2294	-8.3	12.9	1	1	-107.3	1087.8	-196.8	-11.5	-2.8
6TH	37.00	-11.9	30.6	1554	2294	-7.6	13.3	1	0	-94.4	1058.3	-183.6	-10.2	-2.9
7TH	49.33	-10.9	31.6	1554	2294	-7.0	13.8	1	0	-82.6	1027.7	-170.7	-9.1	-2.9
8TH	61.67	-10.0	32.6	1554	2294	-6.4	14.2	0	0	-71.7	996.1	-158.2	-8.2	-3.0
9TH	74.00	-9.1	33.5	1554	2294	-5.8	14.6	0	0	-61.7	963.5	-146.2	-7.3	-3.0
10TH	86.33	-8.1	34.5	1554	2294	-5.2	15.0	-0	-0	-52.7	930.0	-134.5	-6.6	-3.0
11TH	98.67	-4.5	32.9	1554	2294	-2.9	14.3	-7	-1	-44.5	895.5	-123.2	-6.0	-3.0
12TH	111.00	-3.3	34.1	1554	2294	-2.1	14.9	-7	-1	-40.0	862.6	-112.4	-5.5	-2.7
13TH	123.33	-2.7	35.8	1554	2294	-1.7	15.6	-6	-0	-36.7	828.5	-102.0	-5.0	-2.5
14TH	135.66	-2.1	37.6	1554	2294	-1.3	16.4	-5	-0	-34.0	792.7	-92.0	-4.6	-2.2
15TH	148.00	-1.5	39.3	1554	2294	-1.0	17.1	-4	-0	-32.0	755.1	-82.4	-4.2	-2.0
16TH	160.33	-.9	41.0	1554	2294	-.6	17.9	-4	-0	-30.5	715.8	-73.3	-3.8	-1.9
17TH	172.66	-.3	42.7	1554	2294	-.2	18.6	-3	-0	-29.5	674.9	-64.8	-3.4	-1.7
18TH	185.00	-.3	43.5	1554	2294	-.2	19.0	-3	-0	-29.2	632.2	-56.7	-3.1	-1.6
19TH	197.33	-.6	43.7	1554	2294	-.4	19.1	-3	-0	-29.0	588.7	-49.2	-2.7	-1.5
20TH	209.66	-.9	44.0	1554	2294	-.6	19.2	-3	-0	-28.4	544.9	-42.2	-2.4	-1.4
21ST	222.00	-1.2	44.2	1554	2294	-.8	19.3	-3	-0	-27.5	501.0	-35.7	-2.0	-1.2
22ND	234.33	-1.6	44.5	1554	2294	-1.0	19.4	-3	-0	-26.2	456.7	-29.8	-1.7	-1.1
23RD	246.66	-1.9	44.7	1554	2294	-1.2	19.5	-3	-0	-24.7	412.2	-24.5	-1.4	-1.0
24TH	258.99	-2.2	44.8	1554	2294	-1.4	19.5	-3	-0	-22.8	367.5	-19.7	-1.1	-.9
25TH	271.33	-2.6	43.9	1554	2294	-1.7	19.1	-3	-0	-20.5	322.6	-15.4	-.8	-.7
26TH	283.66	-3.0	43.0	1554	2294	-1.9	18.8	-4	-0	-17.9	278.7	-11.7	-.6	-.6
27TH	295.99	-3.4	42.1	1554	2294	-2.2	18.4	-4	-0	-14.9	235.7	-8.5	-.4	-.4
28TH	308.33	-3.7	41.2	1554	2294	-2.4	18.0	-4	-0	-11.5	193.6	-5.9	-.2	-.2

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-3.6	40.0	1554	2294	-2.3	17.4	-6	-1	-7.8	152.4	-3.7	-1	-1
30TH	332.99	-3.6	38.7	1554	2294	-2.3	16.9	-7	-1	-4.2	112.4	-2.1	-0	.2
31ST	345.33	-8	36.1	1264	2294	-6	15.7	8	0	-6	73.7	-1.0	-0	.4
32ND	357.66	.2	37.6	1441	2792	.1	13.5	4	-0	.2	37.6	-.3	.0	.2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 80				CONFIGURATION J		TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-29.9	70.0	2238	4588	-13.3	15.3	9	4	-69.8	1372.3	-269.6	2.8	10.9
5TH	24.67	-12.4	37.2	1554	2294	-8.0	16.2	7	2	-39.9	1302.3	-236.7	4.2	10.1
6TH	37.00	-11.4	38.1	1554	2294	-7.4	16.6	7	2	-27.5	1265.1	-220.8	4.6	9.8
7TH	49.33	-10.4	38.8	1554	2294	-6.7	16.9	7	2	-16.1	1227.0	-205.5	4.8	9.5
8TH	61.67	-9.4	39.3	1554	2294	-6.0	17.1	7	2	-5.7	1188.2	-190.6	5.0	9.2
9TH	74.00	-8.4	39.9	1554	2294	-5.4	17.4	7	2	3.7	1148.9	-176.2	5.0	8.9
10TH	86.33	-7.3	40.4	1554	2294	-4.7	17.6	7	1	12.1	1109.1	-162.2	4.9	8.6
11TH	98.67	-4.2	39.4	1554	2294	-2.7	17.2	4	0	19.4	1068.7	-148.8	4.7	8.3
12TH	111.00	-2.7	40.8	1554	2294	-1.8	17.8	4	0	23.6	1029.3	-135.9	4.4	8.2
13TH	123.33	-1.8	42.5	1554	2294	-1.2	18.5	5	0	26.3	988.5	-123.4	4.1	8.0
14TH	135.66	- .9	44.3	1554	2294	- .6	19.3	6	0	28.1	946.0	-111.5	3.8	7.8
15TH	148.00	.0	46.0	1554	2294	.0	20.1	7	-0	29.0	901.7	-100.1	3.4	7.6
16TH	160.33	1.0	47.8	1554	2294	.6	20.8	7	-0	29.0	855.7	-89.3	3.1	7.3
17TH	172.66	1.9	49.6	1554	2294	1.2	21.6	8	-0	28.0	807.9	-79.0	2.7	6.9
18TH	185.00	2.2	50.5	1554	2294	1.4	22.0	8	-0	26.1	758.3	-69.3	2.4	6.5
19TH	197.33	2.1	50.9	1554	2294	1.3	22.2	8	-0	23.9	707.8	-60.3	2.1	6.1
20TH	209.66	2.0	51.3	1554	2294	1.3	22.4	8	-0	21.8	657.0	-51.9	1.8	5.7
21ST	222.00	1.8	51.7	1554	2294	1.2	22.5	9	-0	19.9	605.7	-44.1	1.6	5.2
22ND	234.33	1.7	52.1	1554	2294	1.1	22.7	9	-0	18.0	554.0	-37.0	1.3	4.8
23RD	246.66	1.6	52.5	1554	2294	1.0	22.9	9	-0	16.3	501.9	-30.4	1.1	4.3
24TH	258.99	1.5	52.7	1554	2294	.9	23.0	9	-0	14.7	449.4	-24.6	.9	3.9
25TH	271.33	1.5	52.0	1554	2294	1.0	22.7	8	-0	13.2	396.7	-19.4	.7	3.4
26TH	283.66	1.5	51.3	1554	2294	1.0	22.4	8	-0	11.7	344.6	-14.8	.6	3.0
27TH	295.99	1.6	50.6	1554	2294	1.0	22.1	8	-0	10.2	293.3	-10.9	.5	2.6
28TH	308.33	1.6	49.8	1554	2294	1.0	21.7	8	-0	8.6	242.7	-7.5	.3	2.2

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FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									7.0	192.9	-4.9	.2	1.8
		1.2	48.7	1554	2294	.8	21.2	7	-0					
30TH	332.99									5.9	144.2	-2.8	.2	1.5
		.8	47.5	1554	2294	.5	20.7	6	-0					
31ST	345.33									5.1	96.7	-1.3	.1	1.1
		.5	45.6	1264	2294	.4	19.9	15	-0					
32ND	357.66									4.6	51.1	-.4	.0	.5
		4.6	51.1	1441	2792	3.2	18.3	9	-1					
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-27.7	75.9	2238	4588	-12.4	16.5	8	3	23.5	1489.9	-297.7	24.0	20.7
5TH	24.67	-11.8	39.5	1554	2294	-7.6	17.2	8	2	51.2	1414.0	-261.9	23.1	20.0
6TH	37.00	-10.8	39.8	1554	2294	-6.9	17.4	8	2	63.0	1374.4	-244.7	22.4	19.6
7TH	49.33	-9.8	40.1	1554	2294	-6.3	17.5	8	2	73.7	1334.6	-228.0	21.6	19.3
8TH	61.67	-8.8	40.4	1554	2294	-5.6	17.6	8	2	83.5	1294.5	-211.8	20.6	18.9
9TH	74.00	-7.8	40.8	1554	2294	-5.0	17.8	9	2	92.3	1254.1	-196.1	19.5	18.6
10TH	86.33	-6.8	41.1	1554	2294	-4.4	17.9	9	2	100.1	1213.3	-180.9	18.3	18.2
11TH	98.67	-3.0	41.1	1554	2294	-2.0	17.9	9	1	106.9	1172.1	-166.2	17.1	17.8
12TH	111.00	-1.9	42.8	1554	2294	-1.6	18.7	10	0	109.9	1131.0	-152.0	15.7	17.4
13TH	123.33	.6	44.7	1554	2294	.4	19.5	12	-0	110.8	1088.2	-138.3	14.4	17.0
14TH	135.66	2.2	46.7	1554	2294	1.4	20.4	13	-1	110.2	1043.5	-125.1	13.0	16.5
15TH	148.00	3.8	48.7	1554	2294	2.4	21.2	13	-1	108.0	996.8	-112.5	11.7	15.9
16TH	160.33	5.3	50.6	1554	2294	3.4	22.1	14	-1	104.3	948.1	-100.5	10.3	15.2
17TH	172.66	6.9	52.6	1554	2294	4.4	22.9	15	-2	99.0	897.5	-89.2	9.1	14.5
18TH	185.00	7.4	53.8	1554	2294	4.8	23.5	15	-2	92.1	844.9	-78.4	7.9	13.7
19TH	197.33	7.2	54.6	1554	2294	4.6	23.8	16	-2	84.7	791.1	-68.3	6.8	12.8
20TH	209.66	7.0	55.4	1554	2294	4.5	24.2	16	-2	77.5	736.5	-58.9	5.8	12.0
21ST	222.00	6.8	56.3	1554	2294	4.4	24.5	16	-2	70.5	681.1	-50.2	4.9	11.1
22ND	234.33	6.6	57.1	1554	2294	4.2	24.9	16	-2	63.7	624.8	-42.1	4.1	10.2
23RD	246.66	6.4	57.9	1554	2294	4.1	25.2	16	-2	57.1	567.7	-34.8	3.3	9.3
24TH	258.99	6.2	58.5	1554	2294	4.0	25.5	16	-2	50.7	509.9	-28.1	2.7	8.4
25TH	271.33	6.2	58.1	1554	2294	4.0	25.3	16	-2	44.5	451.4	-22.2	2.1	7.4
26TH	283.66	6.2	57.7	1554	2294	4.0	25.1	16	-2	38.4	393.3	-17.0	1.6	6.5
27TH	295.99	6.2	57.2	1554	2294	4.0	24.9	17	-2	32.2	335.6	-12.5	1.1	5.5
28TH	308.33	6.2	56.7	1554	2294	4.0	24.7	17	-2	26.0	278.4	-8.7	.8	4.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 90		CONFIGURATION J				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	5.5	55.3	1554	2294	3.6	24.1	16	-2	19.8	221.7	-5.6	.5	3.6
30TH	332.99	4.9	53.9	1554	2294	3.2	23.5	16	-1	14.3	166.4	-3.2	.3	2.7
31ST	345.33	2.5	53.2	1264	2294	2.0	23.2	19	-1	9.3	112.5	-1.5	.2	1.9
32ND	357.66	6.8	59.3	1441	2792	4.7	21.3	14	-2	6.8	59.3	-.4	.1	.8
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									150.0	1568.2	-308.9	47.6	26.8
5TH	24.67	-19.7	82.7	2238	4588	-8.8	18.0	8	2	169.8	1485.4	-271.2	43.7	26.1
6TH	37.00	-8.2	43.4	1554	2294	-5.3	18.9	9	2	178.0	1442.0	-253.2	41.5	25.7
7TH	49.33	-7.2	43.9	1554	2294	-4.6	19.1	10	2	185.2	1398.2	-235.6	39.3	25.3
8TH	61.67	-6.1	44.2	1554	2294	-3.9	19.3	10	1	191.3	1353.9	-218.7	37.0	24.8
9TH	74.00	-4.8	44.5	1554	2294	-3.1	19.4	11	1	196.1	1309.4	-202.2	34.6	24.3
10TH	86.33	-3.6	44.7	1554	2294	-2.3	19.5	12	1	199.7	1264.8	-186.4	32.2	23.8
11TH	98.67	-2.4	44.9	1554	2294	-1.5	19.6	12	1	202.0	1219.8	-171.0	29.7	23.2
12TH	111.00	.9	45.5	1554	2294	.6	19.8	14	-0	201.2	1174.4	-156.3	27.2	22.6
13TH	123.33	2.9	46.9	1554	2294	1.9	20.4	15	-1	198.3	1127.5	-142.1	24.7	21.9
14TH	135.66	4.5	48.4	1554	2294	2.9	21.1	16	-1	193.8	1079.1	-128.5	22.3	21.1
15TH	148.00	6.2	50.0	1554	2294	4.0	21.8	17	-2	187.6	1029.1	-115.5	20.0	20.3
16TH	160.33	7.8	51.5	1554	2294	5.0	22.5	17	-3	179.8	977.6	-103.1	17.7	19.4
17TH	172.66	9.5	53.1	1554	2294	6.1	23.1	18	-3	170.3	924.5	-91.4	15.5	18.4
18TH	185.00	11.1	54.6	1554	2294	7.1	23.8	19	-4	159.2	869.9	-80.3	13.5	17.3
19TH	197.33	11.8	55.7	1554	2294	7.6	24.3	19	-4	147.4	814.2	-69.9	11.6	16.2
20TH	209.66	11.9	56.6	1554	2294	7.6	24.7	19	-4	135.6	757.7	-60.2	9.9	15.1
21ST	222.00	11.9	57.4	1554	2294	7.6	25.0	19	-4	123.7	700.3	-51.2	8.3	13.9
22ND	234.33	11.9	58.2	1554	2294	7.7	25.4	19	-4	111.8	642.0	-43.0	6.8	12.7
23RD	246.66	11.9	59.1	1554	2294	7.7	25.8	20	-4	99.9	582.9	-35.4	5.5	11.5
24TH	258.99	11.9	59.9	1554	2294	7.7	26.1	20	-4	87.9	523.0	-28.6	4.4	10.3
25TH	271.33	11.9	60.6	1554	2294	7.7	26.4	20	-4	76.0	462.5	-22.5	3.3	9.1
26TH	283.66	11.6	60.1	1554	2294	7.5	26.2	20	-4	64.4	402.4	-17.2	2.5	7.8
27TH	295.99	11.3	59.6	1554	2294	7.3	26.0	19	-4	53.1	342.8	-12.6	1.8	6.6
28TH	308.33	11.0	59.1	1554	2294	7.1	25.8	19	-4	42.1	283.6	-8.7	1.2	5.5
		10.7	58.6	1554	2294	6.9	25.5	19	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 100

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	9.9	57.6	1554	2294	6.3	25.1	19	-3	31.4	225.1	-5.6	.7	4.3
30TH	332.99	9.0	56.3	1554	2294	5.8	24.7	19	-3	21.6	167.5	-3.2	.4	3.2
31ST	345.33	5.4	54.8	1264	2294	4.3	23.9	20	-2	12.6	110.9	-1.5	.2	2.1
32ND	357.66	7.2	56.1	1441	2792	5.0	20.1	17	-2	7.2	56.1	-.4	.1	1.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 110

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									273.9	1557.4	-306.5	66.6	27.3
5TH	24.67	-6.6	86.4	2238	4588	-3.0	18.8	9	1	280.5	1471.0	-269.1	59.8	26.5
6TH	37.00	-1.5	44.5	1554	2294	-9	19.4	10	0	282.0	1426.5	-251.2	56.3	26.0
7TH	49.33	-6	44.7	1554	2294	-4	19.5	11	0	282.6	1381.8	-233.9	52.8	25.5
8TH	61.67	4	44.8	1554	2294	2	19.5	12	-0	282.2	1337.0	-217.2	49.3	25.0
9TH	74.00	1.4	45.0	1554	2294	9	19.6	12	-0	280.8	1292.0	-200.9	45.9	24.5
10TH	86.33	2.5	45.1	1554	2294	1.6	19.7	13	-1	278.4	1246.9	-185.3	42.4	23.9
11TH	98.67	3.5	45.2	1554	2294	2.3	19.7	14	-1	274.9	1201.6	-170.2	39.0	23.2
12TH	111.00	5.5	45.9	1554	2294	3.5	20.0	16	-2	269.4	1155.7	-155.6	35.7	22.5
13TH	123.33	7.0	46.9	1554	2294	4.5	20.4	17	-2	262.4	1108.9	-141.7	32.4	21.7
14TH	135.66	8.4	47.8	1554	2294	5.4	20.8	17	-3	254.0	1061.0	-128.3	29.2	20.8
15TH	148.00	9.8	48.8	1554	2294	6.3	21.3	18	-4	244.2	1012.3	-115.5	26.1	19.9
16TH	160.33	11.1	49.8	1554	2294	7.2	21.7	19	-4	233.1	962.5	-103.3	23.2	18.9
17TH	172.66	12.5	50.7	1554	2294	8.0	22.1	19	-5	220.6	911.8	-91.8	20.4	17.9
18TH	185.00	13.9	51.7	1554	2294	8.9	22.5	20	-5	206.7	860.1	-80.9	17.7	16.8
19TH	197.33	14.6	52.7	1554	2294	9.4	23.0	20	-5	192.2	807.4	-70.6	15.3	15.7
20TH	209.66	14.8	53.7	1554	2294	9.5	23.4	20	-5	177.4	753.8	-60.9	13.0	14.6
21ST	222.00	15.0	54.6	1554	2294	9.6	23.8	20	-5	162.5	699.2	-52.0	10.9	13.4
22ND	234.33	15.1	55.6	1554	2294	9.7	24.2	19	-5	147.3	643.5	-43.7	9.0	12.3
23RD	246.66	15.3	56.6	1554	2294	9.9	24.7	19	-5	132.0	586.9	-36.1	7.3	11.1
24TH	258.99	15.5	57.6	1554	2294	10.0	25.1	19	-5	116.5	529.3	-29.2	5.7	9.9
25TH	271.33	15.7	58.5	1554	2294	10.1	25.5	19	-5	100.8	470.8	-23.1	4.4	8.7
26TH	283.66	15.4	59.0	1554	2294	9.9	25.7	19	-5	85.4	411.8	-17.6	3.3	7.5
27TH	295.99	15.1	59.4	1554	2294	9.7	25.9	19	-5	70.3	352.4	-12.9	2.3	6.4
28TH	308.33	14.8	59.9	1554	2294	9.5	26.1	18	-5	55.5	292.5	-8.9	1.5	5.2
		14.4	60.3	1554	2294	9.3	26.3	18	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 110

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	12.9	60.1	1354	2294	8.3	26.2	18	-4	41.0	232.2	-3.7	.9	4.1
30TH	332.99	11.3	59.8	1354	2294	7.3	26.1	18	-3	28.2	172.1	-3.2	.5	2.9
31ST	345.33	7.9	56.4	1264	2294	6.3	24.6	16	-2	16.8	112.3	-1.5	.2	1.8
32ND	357.66	8.9	55.9	1441	2792	6.2	20.0	15	-2	8.9	55.9	-.4	.1	.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 120°

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	- .8	84.2	2238	4588	- .4	18.4	8	0	188.7	1603.7	-316.9	42.1	20.7
5TH	24.67	- .0	43.2	1554	2294	- .0	18.8	11	0	189.5	1519.5	-278.4	37.4	20.0
6TH	37.00	1.3	43.9	1554	2294	.8	19.1	11	-0	189.5	1476.3	-259.9	35.1	19.6
7TH	49.33	2.4	44.6	1554	2294	1.5	19.4	12	-1	188.3	1432.4	-242.0	32.7	19.1
8TH	61.67	3.2	45.2	1554	2294	2.1	19.7	12	-1	185.9	1387.8	-224.6	30.4	18.6
9TH	74.00	4.0	45.9	1554	2294	2.6	20.0	13	-1	182.7	1342.6	-207.8	28.2	18.0
10TH	86.33	4.9	46.5	1554	2294	3.1	20.3	13	-1	178.6	1296.7	-191.5	25.9	17.4
11TH	98.67	6.3	48.0	1554	2294	4.1	20.9	15	-2	173.8	1250.2	-175.8	23.8	16.8
12TH	111.00	6.8	49.3	1554	2294	4.4	21.5	15	-2	167.5	1202.2	-160.7	21.7	16.0
13TH	123.33	7.1	50.4	1554	2294	4.6	22.0	15	-2	160.6	1152.9	-146.2	19.6	15.3
14TH	135.66	7.4	51.6	1554	2294	4.8	22.5	15	-2	153.5	1102.5	-132.2	17.7	14.5
15TH	148.00	7.8	52.8	1554	2294	5.0	23.0	15	-2	146.0	1050.9	-119.0	15.9	13.7
16TH	160.33	8.1	54.0	1554	2294	5.2	23.5	14	-2	138.3	998.1	-106.3	14.1	12.9
17TH	172.66	8.4	55.2	1554	2294	5.4	24.0	14	-2	130.2	944.1	-94.4	12.4	12.2
18TH	185.00	8.5	56.1	1554	2294	5.5	24.4	14	-2	121.8	888.9	-83.1	10.9	11.4
19TH	197.33	8.5	56.8	1554	2294	5.5	24.7	14	-2	113.3	832.8	-72.4	9.4	10.5
20TH	209.66	8.5	57.5	1554	2294	5.5	25.1	14	-2	104.8	776.1	-62.5	8.1	9.7
21ST	222.00	8.5	58.2	1554	2294	5.4	25.4	13	-2	96.4	718.6	-53.3	6.9	8.9
22ND	234.33	8.4	58.9	1554	2294	5.4	25.7	13	-2	87.9	660.4	-44.8	5.7	8.1
23RD	246.66	8.4	59.6	1554	2294	5.4	26.0	13	-2	79.5	601.4	-37.0	4.7	7.3
24TH	258.99	8.4	60.3	1554	2294	5.4	26.3	13	-2	71.1	541.8	-30.0	3.8	6.5
25TH	271.33	8.4	60.5	1554	2294	5.4	26.4	13	-2	62.6	481.5	-23.7	2.9	5.8
26TH	283.66	8.4	60.7	1554	2294	5.4	26.5	12	-2	54.2	421.0	-18.1	2.2	5.0
27TH	295.99	8.4	60.9	1554	2294	5.4	26.5	12	-2	45.8	360.3	-13.3	1.6	4.2
28TH	308.33	8.4	61.1	1554	2294	5.4	26.6	12	-2	37.3	299.5	-9.2	1.1	3.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									28.9	238.4	-5.9	.7	2.7
30TH	332.99	8.3	61.1	1554	2294	5.3	26.6	12	-2	20.6	177.3	-3.3	.4	1.9
31ST	345.33	8.0	61.2	1554	2294	5.2	26.7	12	-2	12.6	116.2	-1.5	.2	1.2
32ND	357.66	6.3	58.0	1264	2294	5.0	25.3	11	-1	6.3	58.1	-.4	.0	.5
TOP	372.67	6.3	58.1	1441	2792	4.3	20.8	9	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT													
WIND DIRECTION 130 CONFIGURATION J REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
4TH	0.00									-24.4	1637.4	-324.4	-5.6
													9.8
5TH	24.67	-1.4	84.8	2238	4588	-1.2	18.5	3	0	-24.0	1552.7	-285.0	-5.0
													9.5
6TH	37.00	-1.5	43.4	1554	2294	-1.0	18.9	5	0	-22.5	1509.2	-266.1	-4.7
													9.2
7TH	49.33	-1.0	44.3	1554	2294	-0.6	19.3	6	0	-21.6	1464.9	-247.8	-4.4
													9.0
8TH	61.67	-0.6	45.3	1554	2294	-0.4	19.7	6	0	-21.0	1419.6	-230.0	-4.1
													8.7
9TH	74.00	-0.3	46.3	1554	2294	-0.2	20.2	7	0	-20.6	1373.3	-212.8	-3.9
													8.4
10TH	86.33	-0.1	47.3	1554	2294	-0.1	20.6	8	0	-20.5	1326.0	-196.2	-3.6
													8.0
11TH	98.67	0.1	48.4	1554	2294	0.1	21.1	8	-0	-20.6	1277.6	-180.1	-3.4
													7.6
12TH	111.00	0.3	49.9	1554	2294	0.2	21.8	10	-0	-20.9	1227.7	-164.6	-3.1
													7.1
13TH	123.33	0.2	50.9	1554	2294	0.1	22.2	10	-0	-21.1	1176.8	-149.8	-2.9
													6.6
14TH	135.66	0.0	51.8	1554	2294	0.0	22.6	9	-0	-21.1	1125.0	-135.6	-2.6
													6.1
15TH	148.00	-0.2	52.7	1554	2294	-0.1	23.0	9	0	-20.9	1072.3	-122.1	-2.3
													5.6
16TH	160.33	-0.4	53.6	1554	2294	-0.2	23.4	9	0	-20.6	1018.8	-109.2	-2.1
													5.2
17TH	172.66	-0.6	54.5	1554	2294	-0.4	23.8	9	0	-20.0	964.3	-97.0	-1.8
													4.7
18TH	185.00	-0.8	55.4	1554	2294	-0.5	24.2	8	0	-19.2	908.9	-85.4	-1.6
													4.2
19TH	197.33	-0.9	56.3	1554	2294	-0.6	24.5	8	0	-18.3	852.6	-74.5	-1.4
													3.8
20TH	209.66	-1.1	57.1	1554	2294	-0.7	24.9	7	0	-17.2	795.4	-64.4	-1.1
													3.4
21ST	222.00	-1.4	58.0	1554	2294	-0.9	25.3	7	0	-15.9	737.5	-54.9	-0.9
													3.0
22ND	234.33	-1.6	58.8	1554	2294	-1.0	25.7	6	0	-14.3	678.6	-46.2	-0.8
													2.6
23RD	246.66	-1.8	59.7	1554	2294	-1.2	26.0	6	0	-12.5	618.9	-38.2	-0.6
													2.3
24TH	258.99	-2.0	60.6	1554	2294	-1.3	26.4	5	0	-10.4	558.3	-30.9	-0.4
													2.0
25TH	271.33	-2.2	61.4	1554	2294	-1.4	26.8	5	0	-8.2	496.9	-24.4	-0.3
													1.7
26TH	283.66	-1.9	61.9	1554	2294	-1.2	27.0	5	0	-6.4	435.0	-18.7	-0.2
													1.4
27TH	295.99	-1.5	62.5	1554	2294	-1.0	27.2	4	0	-4.9	372.5	-13.7	-0.2
													1.1
28TH	308.33	-1.1	63.1	1554	2294	-0.7	27.5	4	0	-3.7	309.4	-9.5	-0.1
													0.9
		-0.8	63.5	1554	2294	-0.5	27.7	4	0				

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									-2.9	245.9	-6.1	-1.1	.6
30TH	332.99	-.7	63.2	1354	2294	-.5	27.6	4	0	-2.2	182.7	-3.4	-1.0	.4
31ST	345.33	-.7	62.9	1354	2294	-.5	27.4	4	0	-1.5	119.9	-1.6	-1.0	.1
32ND	357.66	-.2	60.0	1264	2294	-.1	26.1	2	0	-1.3	59.9	-.4	-1.0	-.0
TOP	372.67	-1.3	59.9	1441	2792	-.9	21.5	-0	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1		CONFIGURATION J		TOWER CENTER		TOWER A		ISOLATED ENVIRONMENT		GUST FACTOR 1.32				
WIND DIRECTION 140						REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-3.8	89.5	2238	4588	-1.7	19.5	-3	-0	-192.7	1660.5	-326.6	-40.1	-2.8
5TH	24.67	-4.8	45.4	1554	2294	-3.1	19.8	-3	-0	-188.8	1571.0	-286.7	-35.4	-2.5
6TH	37.00	-4.7	46.1	1554	2294	-3.0	20.1	-3	-0	-184.0	1525.6	-267.6	-33.1	-2.3
7TH	49.33	-4.6	46.9	1554	2294	-2.9	20.4	-3	-0	-179.4	1479.6	-249.1	-30.8	-2.2
8TH	61.67	-4.5	47.8	1554	2294	-2.9	20.8	-3	-0	-174.8	1432.7	-231.1	-28.6	-2.0
9TH	74.00	-4.5	48.8	1554	2294	-2.9	21.3	-2	-0	-170.3	1384.9	-213.8	-26.5	-1.9
10TH	86.33	-4.4	49.7	1554	2294	-2.9	21.7	-2	-0	-165.8	1336.1	-197.0	-24.4	-1.8
11TH	98.67	-4.6	51.3	1554	2294	-3.0	22.3	-0	-0	-161.4	1286.4	-180.8	-22.4	-1.7
12TH	111.00	-5.2	52.1	1554	2294	-3.4	22.7	-0	-0	-156.7	1235.1	-165.3	-20.5	-1.7
13TH	123.33	-5.8	52.8	1554	2294	-3.7	23.0	-0	-0	-151.5	1183.0	-150.4	-18.6	-1.7
14TH	135.66	-6.4	53.5	1554	2294	-4.1	23.3	-0	-0	-145.7	1130.2	-136.1	-16.7	-1.7
15TH	148.00	-7.1	54.1	1554	2294	-4.5	23.6	-0	-0	-139.3	1076.8	-122.5	-15.0	-1.7
16TH	160.33	-7.7	54.8	1554	2294	-4.9	23.9	-1	-0	-132.2	1022.6	-109.5	-13.3	-1.6
17TH	172.66	-8.3	55.5	1554	2294	-5.3	24.2	-1	-0	-124.5	967.8	-97.3	-11.7	-1.6
18TH	185.00	-8.5	56.4	1554	2294	-5.5	24.6	-1	-0	-116.2	912.3	-85.7	-10.2	-1.6
19TH	197.33	-8.4	57.4	1554	2294	-5.4	25.0	-1	-0	-107.7	856.0	-74.8	-8.9	-1.5
20TH	209.66	-8.4	58.4	1554	2294	-5.4	25.4	-1	-0	-99.3	798.6	-64.6	-7.6	-1.5
21ST	222.00	-8.3	59.3	1554	2294	-5.4	25.9	-1	-0	-90.9	740.3	-55.1	-6.4	-1.4
22ND	234.33	-8.3	60.3	1554	2294	-5.3	26.3	-1	-0	-82.6	680.9	-46.3	-5.3	-1.4
23RD	246.66	-8.2	61.3	1554	2294	-5.3	26.7	-1	-0	-74.3	620.6	-38.3	-4.4	-1.3
24TH	258.99	-8.1	62.2	1554	2294	-5.2	27.1	-1	-0	-66.1	559.2	-31.0	-3.5	-1.2
25TH	271.33	-8.0	62.3	1554	2294	-5.2	27.1	-1	-0	-57.9	497.0	-24.5	-2.7	-1.1
26TH	283.66	-7.9	62.4	1554	2294	-5.1	27.2	-1	-0	-49.9	434.7	-18.8	-2.1	-1.0
27TH	295.99	-7.7	62.4	1554	2294	-5.0	27.2	-1	-0	-42.1	372.4	-13.8	-1.5	-1.0
28TH	308.33	-7.6	62.5	1554	2294	-4.9	27.3	-1	-0	-34.3	310.0	-9.6	-1.0	-0.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 140		CONFIGURATION J				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-7.2	62.9	1554	2294	-4.7	27.4	-2	-0	-26.7	247.4	-6.1	-1.7	-1.8
30TH	332.99	-6.9	63.3	1554	2294	-4.4	27.6	-2	-0	-19.5	184.5	-3.5	-1.4	-1.7
31ST	345.33	-5.7	60.2	1264	2294	-4.5	26.3	-3	-0	-12.6	121.2	-1.6	-1.2	-1.6
32ND	357.66	-6.9	61.0	1441	2792	-4.8	21.8	-6	-1	-6.9	61.0	-1.5	-1.1	-1.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 130

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-3.9	85.7	2238	4588	-1.8	18.7	-8	-0	-182.2	1568.1	-307.1	-38.8	-12.0
5TH	24.67	-2.7	43.4	1554	2294	-1.7	18.9	-9	-1	-178.2	1482.4	-269.5	-34.3	-11.3
6TH	37.00	-3.0	44.0	1554	2294	-1.9	19.2	-9	-1	-175.5	1439.0	-251.5	-32.1	-10.9
7TH	49.33	-3.2	44.7	1554	2294	-2.1	19.5	-9	-1	-172.6	1395.0	-234.0	-30.0	-10.5
8TH	61.67	-3.5	45.5	1554	2294	-2.2	19.8	-8	-1	-169.4	1350.3	-217.1	-27.9	-10.1
9TH	74.00	-3.7	46.4	1554	2294	-2.4	20.2	-7	-1	-165.9	1304.8	-200.7	-25.8	-9.7
10TH	86.33	-4.0	47.2	1554	2294	-2.6	20.6	-7	-1	-162.2	1258.4	-184.9	-23.8	-9.4
11TH	98.67	-4.8	48.5	1554	2294	-3.1	21.2	-5	-1	-158.2	1211.2	-169.7	-21.8	-9.1
12TH	111.00	-5.3	49.3	1554	2294	-3.4	21.5	-5	-1	-153.4	1162.7	-155.0	-19.9	-8.8
13TH	123.33	-5.8	50.0	1554	2294	-3.8	21.8	-6	-1	-148.1	1113.3	-141.0	-18.0	-8.5
14TH	135.66	-6.3	50.7	1554	2294	-4.1	22.1	-6	-1	-142.2	1063.3	-127.6	-16.2	-8.3
15TH	148.00	-6.8	51.4	1554	2294	-4.4	22.4	-6	-1	-135.9	1012.6	-114.8	-14.5	-8.0
16TH	160.33	-7.3	52.1	1554	2294	-4.7	22.7	-6	-1	-129.1	961.3	-102.6	-12.9	-7.7
17TH	172.66	-7.8	52.7	1554	2294	-5.0	23.0	-6	-1	-121.8	909.2	-91.1	-11.3	-7.3
18TH	185.00	-8.0	53.5	1554	2294	-5.2	23.3	-6	-1	-114.0	856.5	-80.2	-9.9	-7.0
19TH	197.33	-8.2	54.3	1554	2294	-5.3	23.7	-7	-1	-106.0	803.0	-69.9	-8.5	-6.6
20TH	209.66	-8.3	55.1	1554	2294	-5.4	24.0	-7	-1	-97.8	748.7	-60.4	-7.3	-6.3
21ST	222.00	-8.5	55.9	1554	2294	-5.5	24.4	-7	-1	-89.5	693.5	-51.5	-6.1	-5.9
22ND	234.33	-8.6	56.7	1554	2294	-5.5	24.7	-7	-1	-81.0	637.6	-43.3	-5.1	-5.5
23RD	246.66	-8.8	57.5	1554	2294	-5.6	25.1	-8	-1	-72.4	580.9	-35.8	-4.1	-5.0
24TH	258.99	-8.9	58.2	1554	2294	-5.7	25.4	-8	-1	-63.6	523.4	-29.0	-3.3	-4.6
25TH	271.33	-8.3	58.4	1554	2294	-5.4	25.5	-8	-1	-54.8	465.2	-22.9	-2.6	-4.1
26TH	283.66	-7.8	58.6	1554	2294	-5.0	25.6	-8	-1	-46.5	406.8	-17.5	-1.9	-3.6
27TH	295.99	-7.2	58.8	1554	2294	-4.6	25.7	-8	-1	-38.7	348.1	-12.8	-1.4	-3.2
28TH	308.33	-6.6	59.0	1554	2294	-4.3	25.7	-8	-1	-31.5	289.3	-8.9	-1.0	-2.7

TABLE 7. SHEAR AND MOMENT DIAGRAM 1
WIND DIRECTION 150

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		-6.4	58.9	1554	2294	-4.1	25.7	-8	-1	-24.9	230.3	-5.7	-.6	-2.2
30TH	332.99													
		-6.1	58.9	1554	2294	-4.0	25.7	-8	-1	-18.6	171.3	-3.2	-.4	-1.7
31ST	345.33													
		-5.6	56.1	1264	2294	-4.4	24.5	-9	-1	-12.4	112.5	-1.5	-.2	-1.2
32ND	357.66													
		-6.8	56.4	1441	2792	-4.7	20.2	-13	-2	-6.8	56.4	-.4	-.1	-.7
TOP	372.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	1.7	82.9	2238	4588	.8	18.1	-9	0	90.5	1493.6	-290.5	17.8	-15.9
5TH	24.67	3.1	42.7	1554	2294	2.0	18.6	-11	1	88.8	1410.7	-254.7	15.6	-15.1
6TH	37.00	3.2	43.3	1554	2294	2.1	18.9	-11	1	85.7	1368.0	-237.6	14.5	-14.6
7TH	49.33	3.3	43.9	1554	2294	2.2	19.1	-11	1	82.4	1324.7	-221.0	13.5	-14.1
8TH	61.67	3.5	44.5	1554	2294	2.2	19.4	-11	1	79.1	1280.8	-204.9	12.5	-13.6
9TH	74.00	3.6	45.1	1554	2294	2.3	19.7	-11	1	75.6	1236.3	-189.4	11.5	-13.1
10TH	86.33	3.7	45.8	1554	2294	2.4	19.9	-11	1	72.1	1191.2	-174.4	10.6	-12.6
11TH	98.67	3.4	46.7	1554	2294	2.2	20.3	-10	1	68.4	1145.5	-160.0	9.8	-12.1
12TH	111.00	3.2	47.2	1554	2294	2.1	20.6	-10	1	64.9	1098.8	-146.2	8.9	-11.6
13TH	123.33	3.0	47.7	1554	2294	2.0	20.8	-10	1	61.7	1051.6	-132.9	8.2	-11.2
14TH	135.66	2.9	48.1	1554	2294	1.8	21.0	-10	1	58.6	1004.0	-120.2	7.4	-10.7
15TH	148.00	2.7	48.6	1554	2294	1.7	21.2	-10	1	55.8	955.8	-108.1	6.7	-10.2
16TH	160.33	2.5	49.1	1554	2294	1.6	21.4	-10	1	53.1	907.2	-96.6	6.0	-9.7
17TH	172.66	2.3	49.5	1554	2294	1.5	21.6	-10	0	50.6	858.2	-85.8	5.4	-9.2
18TH	185.00	2.4	50.3	1554	2294	1.5	21.9	-11	0	48.2	808.6	-75.5	4.8	-8.6
19TH	197.33	2.5	51.2	1554	2294	1.6	22.3	-11	1	45.9	758.3	-65.8	4.2	-8.1
20TH	209.66	2.6	52.1	1554	2294	1.7	22.7	-11	1	43.4	707.2	-56.8	3.7	-7.6
21ST	222.00	2.7	53.0	1554	2294	1.8	23.1	-11	1	40.8	655.1	-48.4	3.1	-7.0
22ND	234.33	2.8	53.9	1554	2294	1.8	23.5	-11	1	38.1	602.1	-40.6	2.7	-6.4
23RD	246.66	3.0	54.8	1554	2294	1.9	23.9	-11	1	35.2	548.2	-33.5	2.2	-5.9
24TH	258.99	3.1	55.6	1554	2294	2.0	24.2	-11	1	32.3	493.5	-27.1	1.8	-5.3
25TH	271.33	3.3	55.7	1554	2294	2.1	24.3	-11	1	29.2	437.9	-21.4	1.4	-4.7
26TH	283.66	3.6	55.8	1554	2294	2.3	24.3	-11	1	25.8	382.2	-16.3	1.1	-4.1
27TH	295.99	3.9	55.9	1554	2294	2.5	24.4	-11	1	22.2	326.4	-11.9	.8	-3.4
28TH	308.33	4.1	56.0	1554	2294	2.7	24.4	-11	1	18.4	270.6	-8.3	.5	-2.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									14.2	214.6	-5.3	.3	-2.2
		4.2	55.6	1554	2294	2.7	24.3	-10	1	10.0	159.0	-3.0	.2	-1.7
30TH	332.99													
		4.3	55.3	1554	2294	2.8	24.1	-10	1	5.7	103.7	-1.3	.1	-1.1
31ST	345.33													
		3.2	51.9	1264	2294	2.5	22.6	-10	1	2.5	51.7	-.4	.0	-.6
32ND	357.66													
		2.5	51.7	1441	2792	1.8	18.5	-12	1	0.0	0.0	0.0	0.0	0.0
TOP	372.67													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 170													
TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF													
CONFIGURATION J													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Z
4TH	0.00									414.6	1383.4	-265.3	80.8 -14.7
5TH	24.67	16.2	79.7	2238	4580	7.3	17.4	-8	2	398.3	1303.7	-232.1	70.7 -14.0
6TH	37.00	12.6	41.1	1554	2294	8.1	17.9	-10	3	385.7	1262.7	-216.3	65.9 -13.6
7TH	49.33	12.8	41.5	1554	2294	8.2	18.1	-10	3	373.0	1221.1	-201.0	61.2 -13.1
8TH	61.67	13.0	42.0	1554	2294	8.3	18.3	-10	3	360.0	1179.2	-186.2	56.7 -12.6
9TH	74.00	13.2	42.4	1554	2294	8.5	18.5	-10	3	346.8	1136.8	-171.9	52.4 -12.1
10TH	86.33	13.4	42.8	1554	2294	8.6	18.7	-11	3	333.5	1094.0	-158.1	48.2 -11.6
11TH	98.67	13.6	43.2	1554	2294	8.7	18.8	-11	3	319.9	1050.7	-144.9	44.1 -11.1
12TH	111.00	13.2	43.9	1554	2294	8.5	19.2	-11	3	306.7	1006.8	-132.2	40.3 -10.6
13TH	123.33	13.2	44.5	1554	2294	8.5	19.4	-11	3	293.5	962.3	-120.1	36.6 -10.1
14TH	135.66	13.3	45.0	1554	2294	8.6	19.6	-11	3	280.2	917.3	-108.5	33.0 -9.6
15TH	148.00	13.5	45.5	1554	2294	8.7	19.8	-11	3	266.7	871.8	-97.5	29.7 -9.1
16TH	160.33	13.6	46.0	1554	2294	8.8	20.0	-11	3	253.1	825.9	-87.0	26.4 -8.5
17TH	172.66	13.7	46.5	1554	2294	8.8	20.3	-11	3	239.3	779.4	-77.1	23.4 -7.9
18TH	185.00	13.9	46.9	1554	2294	8.9	20.5	-11	3	225.4	732.5	-67.8	20.5 -7.4
19TH	197.33	14.2	47.4	1554	2294	9.1	20.7	-11	3	211.3	685.1	-59.0	17.9 -6.8
20TH	209.66	14.5	47.8	1554	2294	9.3	20.8	-11	3	196.8	637.3	-50.9	15.3 -6.2
21ST	222.00	14.8	48.1	1554	2294	9.5	21.0	-11	3	182.1	589.2	-43.3	13.0 -5.7
22ND	234.33	15.1	48.5	1554	2294	9.7	21.2	-10	3	167.0	540.6	-36.3	10.8 -5.1
23RD	246.66	15.4	48.9	1554	2294	9.9	21.3	-10	3	151.6	491.7	-30.0	8.9 -4.6
24TH	258.99	15.7	49.3	1554	2294	10.1	21.5	-10	3	135.9	442.4	-24.2	7.1 -4.0
25TH	271.33	16.0	49.7	1554	2294	10.3	21.7	-9	3	119.8	392.7	-19.1	5.5 -3.5
26TH	283.66	16.2	50.0	1554	2294	10.4	21.8	-9	3	103.6	342.7	-14.5	4.2 -3.0
27TH	295.99	16.3	50.3	1554	2294	10.5	21.9	-9	3	87.3	292.4	-10.6	3.0 -2.5
28TH	308.33	16.4	50.6	1554	2294	10.6	22.1	-8	3	70.9	241.8	-7.3	2.0 -2.1
		16.6	50.8	1554	2294	10.7	22.2	-8	3				

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 170													TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
		CONFIGURATION J																
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)						
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z				
29TH	320.66	16.0	50.3	1554	2294	10.3	21.9	-8	3	54.3	191.0	-4.6	1.2	-1.6				
30TH	332.99	15.4	49.7	1554	2294	9.9	21.7	-7	2	38.3	140.7	-2.6	.7	-1.2				
31ST	345.33	12.6	46.2	1264	2294	10.0	20.1	-7	2	22.9	91.0	-1.2	.3	-.8				
32ND	357.66	10.3	44.9	1441	2792	7.1	16.1	-9	2	10.3	44.9	-.3	.1	-.4				
TOP	372.67									0.0	0.0	0.0	0.0	0.0				

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 180		CONFIGURATION J		TOWER CENTER		-- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									674.3	1198.4	-230.3	130.3	-10.8
5TH	24.67	28.4	68.6	2238	4588	12.7	15.0	-5	2	645.8	1129.8	-201.6	114.0	-10.4
6TH	37.00	20.0	35.4	1554	2294	12.8	15.4	-8	4	625.9	1094.4	-187.9	106.1	-10.0
7TH	49.33	20.5	35.8	1554	2294	13.2	15.6	-8	4	605.4	1058.6	-174.6	98.5	-9.6
8TH	61.67	20.9	36.2	1554	2294	13.5	15.8	-8	5	584.5	1022.4	-161.8	91.2	-9.2
9TH	74.00	21.3	36.6	1554	2294	13.7	15.9	-8	5	563.2	985.8	-149.4	84.1	-8.9
10TH	86.33	21.7	36.9	1554	2294	14.0	16.1	-8	5	541.5	948.9	-137.5	77.3	-8.5
11TH	98.67	22.1	37.3	1554	2294	14.2	16.3	-8	5	519.4	911.6	-126.0	70.8	-8.1
12TH	111.00	22.2	37.9	1554	2294	14.3	16.5	-7	4	497.2	873.6	-115.0	64.5	-7.7
13TH	123.33	22.2	38.3	1554	2294	14.3	16.7	-7	4	475.0	835.3	-104.4	58.5	-7.3
14TH	135.66	22.3	38.7	1554	2294	14.4	16.9	-7	4	452.7	796.6	-94.4	52.8	-7.0
15TH	148.00	22.4	39.1	1554	2294	14.4	17.0	-7	4	430.2	757.5	-84.8	47.3	-6.6
16TH	160.33	22.5	39.4	1554	2294	14.5	17.2	-7	4	407.7	718.1	-75.7	42.2	-6.2
17TH	172.66	22.6	39.8	1554	2294	14.6	17.4	-7	4	385.1	678.3	-67.1	37.3	-5.8
18TH	185.00	22.7	40.2	1554	2294	14.6	17.5	-7	4	362.3	638.1	-59.0	32.7	-5.4
19TH	197.33	23.1	40.7	1554	2294	14.9	17.7	-7	4	339.2	597.4	-51.3	28.4	-5.0
20TH	209.66	23.7	41.3	1554	2294	15.2	18.0	-7	4	315.6	556.1	-44.2	24.3	-4.6
21ST	222.00	24.2	41.9	1554	2294	15.6	18.3	-7	4	291.4	514.2	-37.6	20.6	-4.2
22ND	234.33	24.8	42.5	1554	2294	15.9	18.5	-7	4	266.6	471.7	-31.6	17.1	-3.8
23RD	246.66	25.3	43.1	1554	2294	16.3	18.8	-7	4	241.3	428.5	-26.0	14.0	-3.4
24TH	258.99	25.9	43.7	1554	2294	16.7	19.1	-7	4	215.4	384.8	-21.0	11.2	-3.0
25TH	271.33	26.4	44.2	1554	2294	17.0	19.3	-7	4	189.0	340.6	-16.5	8.7	-2.6
26TH	283.66	26.3	44.1	1554	2294	16.9	19.2	-7	4	162.7	296.5	-12.6	6.5	-2.2
27TH	295.99	26.1	43.9	1554	2294	16.8	19.1	-6	4	136.6	252.6	-9.2	4.7	-1.8
28TH	308.33	25.9	43.8	1554	2294	16.6	19.1	-6	4	110.8	208.8	-6.4	3.1	-1.5
		25.7	43.6	1554	2294	16.5	19.0	-6	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 180

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	24.9	43.1	1554	2294	16.0	18.8	-6	3	85.1	165.3	-4.0	1.9	-1.1
30TH	332.99	24.0	42.7	1554	2294	15.5	18.6	-5	3	60.2	122.1	-2.3	1.0	-0.8
31ST	345.33	19.6	39.9	1264	2294	15.5	17.4	-4	2	36.2	79.5	-1.0	.5	-.5
32ND	357.66	16.6	39.5	1441	2792	11.5	14.2	-5	2	16.6	39.5	-.3	.1	-.2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	34.7	55.8	2238	4588	15.5	12.2	-1	1	821.0	922.2	-175.5	159.9	-4.4
5TH	24.67	22.7	28.3	1554	2294	14.6	12.3	-4	3	786.3	866.5	-153.4	140.1	-4.3
6TH	37.00	23.4	28.5	1554	2294	15.0	12.4	-4	3	763.6	838.1	-142.9	130.5	-4.1
7TH	49.33	24.0	28.6	1554	2294	15.5	12.5	-4	3	740.2	809.6	-132.7	121.2	-3.9
8TH	61.67	24.7	28.8	1554	2294	15.9	12.5	-4	4	716.2	781.0	-122.9	112.2	-3.7
9TH	74.00	25.4	28.9	1554	2294	16.3	12.6	-4	4	691.5	752.3	-113.5	103.6	-3.5
10TH	86.33	26.1	29.0	1554	2294	16.8	12.6	-4	4	666.1	723.4	-104.4	95.2	-3.3
11TH	98.67	26.4	29.3	1554	2294	17.0	12.8	-4	4	640.1	694.4	-95.6	87.1	-3.1
12TH	111.00	26.8	29.6	1554	2294	17.2	12.9	-4	3	613.7	665.1	-87.3	79.4	-2.9
13TH	123.33	27.2	29.9	1554	2294	17.5	13.0	-4	3	586.9	635.5	-79.2	72.0	-2.7
14TH	135.66	27.7	30.2	1554	2294	17.8	13.2	-4	3	559.7	605.5	-71.6	64.9	-2.5
15TH	148.00	28.1	30.6	1554	2294	18.1	13.3	-4	3	532.0	575.3	-64.3	58.2	-2.3
16TH	160.33	28.5	30.9	1554	2294	18.4	13.5	-3	3	503.9	544.7	-57.4	51.8	-2.1
17TH	172.66	29.0	31.2	1554	2294	18.6	13.6	-3	3	475.4	513.9	-50.9	45.8	-1.9
18TH	185.00	29.4	31.4	1554	2294	18.9	13.7	-3	3	446.4	482.7	-44.7	40.1	-1.7
19TH	197.33	29.9	31.6	1554	2294	19.2	13.8	-3	3	417.0	451.3	-39.0	34.8	-1.5
20TH	209.66	30.3	31.8	1554	2294	19.5	13.9	-3	3	387.1	419.7	-33.6	29.8	-1.3
21ST	222.00	30.7	32.0	1554	2294	19.8	13.9	-3	3	356.9	387.9	-28.6	25.2	-1.1
22ND	234.33	31.2	32.2	1554	2294	20.0	14.0	-2	2	326.1	355.9	-24.0	21.0	-1.0
23RD	246.66	31.6	32.4	1554	2294	20.3	14.1	-2	2	295.0	323.7	-19.8	17.2	-.8
24TH	258.99	32.0	32.6	1554	2294	20.6	14.2	-2	2	263.4	291.3	-16.0	13.7	-.7
25TH	271.33	32.0	32.7	1554	2294	20.6	14.3	-2	2	231.4	258.7	-12.7	10.7	-.5
26TH	283.66	31.8	32.9	1554	2294	20.5	14.3	-2	2	199.4	226.0	-9.7	8.0	-.4
27TH	295.99	31.6	33.0	1554	2294	20.4	14.4	-2	2	167.6	193.1	-7.1	5.8	-.3
28TH	308.33	31.4	33.1	1554	2294	20.2	14.4	-2	2	136.0	160.1	-4.9	3.9	-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

CONFIGURATION J

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	30.4	32.6	1554	2294	19.6	14.2	-1	1	104.5	126.9	-3.1	2.4	1.1
30TH	332.99	29.2	32.2	1554	2294	18.8	14.0	-1	1	74.1	94.3	-1.8	1.3	.0
31ST	345.33	23.9	31.2	1264	2294	18.9	13.6	1	-0	45.0	62.1	-1.8	.6	.1
32ND	357.66	21.0	30.9	1441	2792	14.6	11.1	1	-1	21.0	30.9	-1.2	.2	.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS I WIND DIRECTION 200				CONFIGURATION J		TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									899.1	587.3	-110.7	177.0	4.8
5TH	24.67	35.4	39.3	2238	4588	15.8	8.6	6	-6	863.7	548.0	-96.6	155.3	4.3
6TH	37.00	23.8	19.6	1554	2294	15.3	8.5	1	-1	839.9	528.4	-90.0	144.8	4.3
7TH	49.33	24.6	19.4	1554	2294	15.9	8.4	1	-1	815.3	509.0	-83.6	134.6	4.2
8TH	61.67	25.5	19.2	1554	2294	16.4	8.4	1	-1	789.7	489.9	-77.5	124.7	4.2
9TH	74.00	26.5	18.9	1554	2294	17.0	8.3	1	-2	763.3	470.9	-71.5	115.1	4.1
10TH	86.33	27.4	18.7	1554	2294	17.6	8.2	1	-2	735.8	452.2	-65.8	105.9	4.0
11TH	98.67	28.4	18.5	1554	2294	18.3	8.1	1	-2	707.5	433.7	-60.4	97.0	4.0
12TH	111.00	29.0	18.3	1554	2294	18.7	8.0	1	-2	678.4	415.4	-55.1	88.4	3.9
13TH	123.33	29.5	18.4	1554	2294	19.0	8.0	1	-2	649.0	397.1	-50.1	80.2	3.8
14TH	135.66	29.9	18.5	1554	2294	19.2	8.1	1	-2	619.1	378.5	-45.3	72.4	3.7
15TH	148.00	30.3	18.7	1554	2294	19.5	8.1	2	-3	588.8	359.9	-40.8	65.0	3.6
16TH	160.33	30.7	18.8	1554	2294	19.8	8.2	2	-3	558.1	341.1	-36.5	57.9	3.5
17TH	172.66	31.1	18.9	1554	2294	20.0	8.2	2	-3	527.0	322.2	-32.4	51.2	3.3
18TH	185.00	31.5	19.1	1554	2294	20.3	8.3	2	-3	495.5	303.1	-28.5	44.9	3.2
19TH	197.33	32.0	19.2	1554	2294	20.6	8.4	2	-3	463.5	283.9	-24.9	39.0	3.0
20TH	209.66	32.6	19.4	1554	2294	20.9	8.4	2	-3	430.9	264.6	-21.5	33.5	2.9
21ST	222.00	33.1	19.5	1554	2294	21.3	8.5	2	-3	397.8	245.0	-18.4	28.4	2.7
22ND	234.33	33.6	19.7	1554	2294	21.6	8.6	2	-3	364.2	225.4	-15.5	23.7	2.6
23RD	246.66	34.1	19.8	1554	2294	22.0	8.6	2	-3	330.1	205.5	-12.8	19.4	2.4
24TH	258.99	34.7	20.0	1554	2294	22.3	8.7	2	-3	295.4	185.5	-10.4	15.5	2.2
25TH	271.33	35.2	20.1	1554	2294	22.6	8.8	2	-4	260.3	165.4	-8.2	12.1	2.1
26TH	283.66	35.2	20.3	1554	2294	22.7	8.8	2	-4	225.0	145.1	-6.3	9.1	1.9
27TH	295.99	35.3	20.4	1554	2294	22.7	8.9	2	-4	189.8	124.7	-4.7	6.5	1.7
28TH	308.33	35.3	20.6	1554	2294	22.7	9.0	2	-4	154.5	104.1	-3.3	4.4	1.5
		35.3	20.7	1554	2294	22.7	9.0	2	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 200													TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT CONFIGURATION J REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
29TH	320.66	34.5	20.6	1554	2294	22.2	9.0	3	-5	119.2	83.4	-2.1	2.7	1.3														
30TH	332.99	33.6	20.5	1554	2294	21.6	9.0	4	-6	84.7	62.8	-1.2	1.5	1.1														
31ST	345.33	27.1	21.0	1264	2294	21.4	9.1	7	-8	51.1	42.2	-.6	.6	.8														
32ND	357.66	24.0	21.3	1441	2792	16.7	7.6	9	-11	24.0	21.3	-.2	.2	.5														
TOP	372.67									0.0	0.0	0.0	0.0	0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1 WIND DIRECTION 210				TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32						
CONFIGURATION J														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									928.3	191.1	-32.3	186.9	15.6
5TH	24.67	31.9	20.3	2238	4588	14.2	4.4	14	-21	896.5	170.8	-27.8	164.3	14.7
6TH	37.00	20.9	9.5	1554	2294	13.5	4.2	5	-12	875.5	161.3	-25.8	153.4	14.4
7TH	49.33	22.3	9.0	1554	2294	14.3	3.9	5	-13	853.2	152.3	-23.8	142.8	14.0
8TH	61.67	23.8	8.5	1554	2294	15.3	3.7	5	-13	829.5	143.8	-22.0	132.4	13.7
9TH	74.00	25.4	8.0	1554	2294	16.3	3.5	4	-13	804.1	135.8	-20.3	122.3	13.3
		27.0	7.5	1554	2294	17.4	3.3	4	-14					
10TH	86.33	28.7	6.9	1554	2294	18.4	3.0	3	-14	777.0	128.3	-18.7	112.6	12.9
11TH	98.67	30.3	6.4	1554	2294	19.5	2.8	3	-14	748.4	121.4	-17.1	103.2	12.5
12TH	111.00	30.9	6.2	1554	2294	19.9	2.7	3	-14	718.1	115.0	-15.7	94.1	12.0
13TH	123.33	31.3	6.0	1554	2294	20.1	2.6	3	-14	687.2	108.8	-14.3	85.4	11.6
14TH	135.66	31.7	5.8	1554	2294	20.4	2.6	3	-14	655.9	102.7	-13.0	77.2	11.1
15TH	148.00	32.1	5.7	1554	2294	20.6	2.5	2	-14	624.3	96.9	-11.8	69.3	10.7
16TH	160.33	32.5	5.5	1554	2294	20.9	2.4	2	-14	592.2	91.2	-10.6	61.8	10.2
17TH	172.66	32.9	5.3	1554	2294	21.2	2.3	2	-14	559.7	85.7	-9.5	54.7	9.8
18TH	185.00	33.4	5.0	1554	2294	21.5	2.2	2	-14	526.8	80.4	-8.5	48.0	9.3
19TH	197.33	34.1	4.7	1554	2294	21.9	2.1	2	-14	493.4	75.4	-7.5	41.7	8.8
20TH	209.66	34.7	4.4	1554	2294	22.3	1.9	2	-15	459.4	70.7	-6.6	35.8	8.3
21ST	222.00	35.4	4.1	1554	2294	22.8	1.8	2	-15	424.7	66.3	-5.8	30.3	7.8
22ND	234.33	36.1	3.8	1554	2294	23.2	1.6	2	-16	389.3	62.3	-5.0	25.3	7.3
23RD	246.66	36.7	3.4	1554	2294	23.6	1.5	2	-16	353.2	58.5	-4.2	20.7	6.7
24TH	258.99	37.4	3.3	1554	2294	24.1	1.4	1	-17	316.5	55.1	-3.5	16.6	6.1
25TH	271.33	37.7	4.1	1554	2294	24.3	1.8	2	-16	279.1	51.8	-2.9	12.9	5.5
26TH	283.66	37.9	5.0	1554	2294	24.4	2.2	2	-16	241.4	47.6	-2.3	9.7	4.8
27TH	295.99	38.1	5.8	1554	2294	24.5	2.5	2	-16	203.5	42.7	-1.7	7.0	4.2
28TH	308.33	38.2	6.6	1554	2294	24.6	2.9	3	-16	165.4	36.8	-1.2	4.7	3.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 210		CONFIGURATION J		REFERENCE PRESSURE 22.0 PSF								GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	37.2	6.7	1554	2294	23.9	2.9	3	-16	127.2	30.3	- .8	2.9	3.0
30TH	332.99	36.0	6.8	1554	2294	23.2	2.9	3	-17	90.1	23.6	- .5	1.6	2.4
31ST	345.33	28.7	8.6	1264	2294	22.7	3.7	7	-25	54.1	16.8	- .2	.7	1.7
32ND	357.66	25.4	8.3	1441	2792	17.6	3.0	11	-33	25.4	8.3	- .1	.2	.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 220 CONFIGURATION J TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									923.6	-79.2	17.6	188.9	13.6
5TH	24.67	26.5	.8	2238	4588	11.8	.2	1	-49	897.1	-80.0	15.6	166.4	12.3
6TH	37.00	17.5	.2	1554	2294	11.2	.1	0	-24	879.7	-80.2	14.6	155.5	11.9
7TH	49.33	19.4	-.2	1554	2294	12.5	-.1	-0	-21	860.2	-80.0	13.6	144.8	11.5
8TH	61.67	21.5	-.7	1554	2294	13.8	-.3	-1	-18	838.7	-79.3	12.7	134.3	11.1
9TH	74.00	23.6	-1.1	1554	2294	15.2	-.5	-1	-16	815.2	-78.2	11.7	124.1	10.7
10TH	86.33	25.6	-1.5	1554	2294	16.5	-.7	-1	-14	789.5	-76.7	10.7	114.2	10.4
11TH	98.67	27.7	-2.0	1554	2294	17.8	-.9	-1	-13	761.8	-74.7	9.8	104.6	10.0
12TH	111.00	30.0	-2.5	1554	2294	19.3	-1.1	-1	-11	731.8	-72.2	8.9	95.4	9.7
13TH	123.33	30.9	-2.6	1554	2294	19.9	-1.2	-1	-11	700.9	-69.6	8.0	86.6	9.3
14TH	135.66	31.6	-2.8	1554	2294	20.3	-1.2	-1	-11	669.3	-66.8	7.2	78.1	9.0
15TH	148.00	32.3	-3.0	1554	2294	20.8	-1.3	-1	-10	637.0	-63.8	6.4	70.1	8.6
16TH	160.33	33.0	-3.2	1554	2294	21.3	-1.4	-1	-10	604.0	-60.5	5.6	62.4	8.3
17TH	172.66	33.7	-3.4	1554	2294	21.7	-1.5	-1	-10	570.2	-57.1	4.9	55.2	8.0
18TH	185.00	34.4	-3.6	1554	2294	22.2	-1.6	-1	-10	535.8	-53.6	4.2	48.3	7.6
19TH	197.33	35.1	-3.8	1554	2294	22.6	-1.6	-1	-10	500.7	-49.8	3.6	42.0	7.3
20TH	209.66	35.5	-3.9	1554	2294	22.9	-1.7	-1	-10	465.2	-45.9	3.0	36.0	6.9
21ST	222.00	36.0	-4.1	1554	2294	23.2	-1.8	-1	-10	429.2	-41.8	2.4	30.5	6.5
22ND	234.33	36.5	-4.2	1554	2294	23.5	-1.9	-1	-11	392.7	-37.6	1.9	25.4	6.2
23RD	246.66	37.0	-4.4	1554	2294	23.8	-1.9	-1	-11	355.7	-33.1	1.5	20.8	5.7
24TH	258.99	37.5	-4.6	1554	2294	24.1	-2.0	-1	-11	318.2	-28.6	1.1	16.6	5.3
25TH	271.33	38.0	-4.7	1554	2294	24.4	-2.0	-1	-12	280.2	-23.9	.8	13.0	4.9
26TH	283.66	38.1	-4.5	1554	2294	24.5	-2.0	-1	-12	242.1	-19.4	.5	9.7	4.4
27TH	295.99	38.1	-4.4	1554	2294	24.5	-1.9	-1	-13	204.0	-15.0	.3	7.0	3.9
28TH	308.33	38.1	-4.2	1554	2294	24.5	-1.8	-1	-13	165.9	-10.8	.2	4.7	3.4
		38.2	-4.0	1554	2294	24.6	-1.8	-1	-14					

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1														
WIND DIRECTION 220		CONFIGURATION J		TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT										
				REFERENCE PRESSURE 22.0 PSF										
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	37.5	-4.0	1554	2294	24.2	-1.7	-2	-15	127.7	-6.8	.0	2.9	2.9
30TH	332.99	36.7	-3.9	1554	2294	23.6	-1.7	-2	-17	90.1	-2.8	-.0	1.6	2.3
31ST	345.33	28.7	-.2	1264	2294	22.7	-.1	-0	-27	53.4	1.1	-.0	.7	1.6
32ND	357.66	24.7	1.3	1441	2792	17.2	.5	2	-36	24.7	1.3	-.0	.2	.9
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 230

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	25.0	-13.9	2238	4588	11.2	-3.0	-14	-25	902.6	-34.4	-1.4	185.3	-6.1
5TH	24.67	16.3	-5.5	1554	2294	10.5	-2.4	-2	-5	877.6	-20.5	-1.1	163.3	-7.0
6TH	37.00	18.4	-5.0	1554	2294	11.8	-2.2	-0	-1	861.3	-15.0	-1.3	152.6	-7.1
7TH	49.33	20.6	-4.4	1554	2294	13.2	-1.9	1	3	842.9	-10.1	-1.4	142.1	-7.1
8TH	61.67	22.9	-3.8	1554	2294	14.7	-1.7	1	6	822.3	-5.6	-1.5	131.8	-7.0
9TH	74.00	25.2	-3.2	1554	2294	16.2	-1.4	1	8	799.4	-1.8	-1.6	121.8	-6.9
10TH	86.33	27.4	-2.7	1554	2294	17.7	-1.2	1	10	774.3	1.5	-1.6	112.1	-6.7
11TH	98.67	29.5	-1.9	1554	2294	19.0	-0.8	1	11	746.8	4.1	-1.5	102.7	-6.4
12TH	111.00	30.3	-1.4	1554	2294	19.5	-0.6	1	11	717.3	6.0	-1.5	93.7	-6.1
13TH	123.33	30.9	-1.0	1554	2294	19.9	-0.4	0	11	687.0	7.4	-1.4	85.0	-5.7
14TH	135.66	31.5	-0.7	1554	2294	20.3	-0.3	0	11	656.0	8.4	-1.3	76.7	-5.4
15TH	148.00	32.1	-0.3	1554	2294	20.7	-0.1	0	11	624.5	9.1	-1.2	68.8	-5.0
16TH	160.33	32.7	.1	1554	2294	21.1	.0	-0	11	592.4	9.4	-1.1	61.3	-4.7
17TH	172.66	33.3	.4	1554	2294	21.4	.2	-0	11	559.6	9.3	-1.0	54.2	-4.3
18TH	185.00	33.9	.5	1554	2294	21.8	.2	-0	11	526.3	8.9	-0.8	47.5	-3.9
19TH	197.33	34.5	.4	1554	2294	22.2	.2	-0	10	492.4	8.4	-0.7	41.3	-3.6
20TH	209.66	35.1	.3	1554	2294	22.6	.1	-0	10	457.9	8.0	-0.6	35.4	-3.2
21ST	222.00	35.7	.2	1554	2294	23.0	.1	-0	10	422.8	7.6	-0.5	30.0	-2.9
22ND	234.33	36.3	.1	1554	2294	23.3	.1	-0	10	387.1	7.4	-0.4	25.0	-2.5
23RD	246.66	36.9	.0	1554	2294	23.7	.0	-0	9	350.9	7.3	-0.4	20.4	-2.2
24TH	258.99	37.5	.1	1554	2294	24.1	.0	-0	9	314.0	7.2	-0.3	16.3	-1.8
25TH	271.33	37.7	.6	1554	2294	24.3	.3	-0	9	276.5	7.2	-0.2	12.7	-1.5
26TH	283.66	37.9	1.2	1554	2294	24.4	.5	-0	9	238.8	6.5	-0.1	9.5	-1.1
27TH	295.99	38.1	1.8	1554	2294	24.5	.8	-0	9	200.8	5.3	-0.0	6.8	-0.8
28TH	308.33	38.3	2.3	1554	2294	24.7	1.0	-1	8	162.7	3.5	.0	4.6	-0.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

CONFIGURATION J

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	37.4	1.9	1554	2294	24.0	.8	-0	7	124.4	1.2	.1	2.8	-1.1
30TH	332.99	36.2	1.6	1554	2294	23.3	.7	-0	5	87.0	-1.8	.1	1.5	.1
31ST	345.33	27.9	-.1	1264	2294	22.1	-.0	-0	-3	50.8	-2.4	.0	.6	.3
32ND	357.66	22.9	-2.3	1441	2792	15.9	-.8	-1	-9	22.9	-2.3	.0	.2	.2
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (100)		KIPS) 2
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	
4TH	0.00									970.9	221.0	-55.7	198.4	-19.9
5TH	24.67	26.0	-12.2	2238	4588	11.6	-2.7	-1	-3	944.9	233.1	-50.1	174.7	-20.0
6TH	37.00	17.4	-3.9	1554	2294	11.2	-1.7	3	14	927.5	237.1	-47.2	163.2	-19.7
7TH	49.33	19.7	-2.7	1554	2294	12.7	-1.2	2	17	907.8	239.7	-44.2	151.9	-19.4
8TH	61.67	22.1	-1.3	1554	2294	14.2	-.6	1	19	885.8	241.1	-41.3	140.8	-19.0
9TH	74.00	24.5	.1	1554	2294	15.7	.1	-0	20	861.3	240.9	-38.3	130.0	-18.5
10TH	86.33	26.8	1.6	1554	2294	17.3	.7	-1	20	834.5	239.4	-35.3	119.6	-17.9
11TH	98.67	29.2	3.0	1554	2294	18.8	1.3	-2	21	805.2	236.4	-32.4	109.5	-17.3
12TH	111.00	31.8	5.0	1554	2294	20.5	2.2	-3	20	773.4	231.4	-29.5	99.7	-16.7
13TH	123.33	33.0	6.4	1554	2294	21.2	2.8	-4	20	740.4	225.0	-26.7	90.4	-16.0
14TH	135.66	33.9	7.6	1554	2294	21.8	3.3	-4	20	706.6	217.3	-24.0	81.5	-15.3
15TH	148.00	34.8	8.9	1554	2294	22.4	3.9	-5	20	671.8	208.5	-21.3	73.0	-14.6
16TH	160.33	35.6	10.1	1554	2294	22.9	4.4	-6	20	636.2	198.4	-18.8	64.9	-13.8
17TH	172.66	36.5	11.3	1554	2294	23.5	4.9	-6	20	599.7	187.1	-16.5	57.3	-13.0
18TH	185.00	37.4	12.5	1554	2294	24.1	5.5	-7	20	562.3	174.5	-14.2	50.1	-12.1
19TH	197.33	38.0	13.1	1554	2294	24.5	5.7	-7	20	524.2	161.4	-12.2	43.4	-11.2
20TH	209.66	38.3	13.3	1554	2294	24.7	5.8	-7	21	485.9	148.2	-10.2	37.2	-10.4
21ST	222.00	38.6	13.4	1554	2294	24.9	5.9	-7	21	447.3	134.7	-8.5	31.4	-9.5
22ND	234.33	38.9	13.6	1554	2294	25.1	5.9	-7	21	408.4	121.1	-6.9	26.2	-8.5
23RD	246.66	39.2	13.8	1554	2294	25.3	6.0	-7	21	369.1	107.3	-5.5	21.4	-7.6
24TH	258.99	39.6	13.9	1554	2294	25.5	6.1	-7	21	329.6	93.4	-4.3	17.1	-6.7
25TH	271.33	39.9	14.0	1554	2294	25.7	6.1	-7	21	289.7	79.4	-3.2	13.2	-5.7
26TH	283.66	39.9	13.5	1554	2294	25.7	5.9	-7	21	249.7	66.0	-2.3	9.9	-4.8
27TH	295.99	39.9	12.9	1554	2294	25.7	5.6	-7	21	209.8	53.1	-1.6	7.1	-3.9
28TH	308.33	39.9	12.4	1554	2294	25.7	5.4	-6	20	169.9	40.7	-1.0	4.7	-3.0
		39.9	11.7	1554	2294	25.6	5.1	-6	20					

TABLE 7. SHEAR AND MOMENT DIAGRAM 1
WIND DIRECTION 240

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	39.3	10.6	1554	2294	25.3	4.6	-5	10	130.1	29.0	- .6	2.9	-2.1
30TH	332.99	30.6	9.4	1554	2294	24.8	4.1	-4	16	90.8	18.4	- .3	1.5	-1.4
31ST	345.33	20.2	4.8	1264	2294	22.3	2.1	-3	15	52.2	9.0	- .1	.6	-.7
32ND	357.66	23.9	4.2	1441	2792	16.6	1.5	-2	11	23.9	4.2	- .0	.2	-.3
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 250

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	29.2	-19.2	2238	4588	13.0	-4.2	-7	-10	1059.8	161.2	-44.6	216.2	-10.9
5TH	24.67	20.9	-6.8	1554	2294	13.4	-3.0	2	6	1030.7	180.4	-40.4	190.5	-11.3
6TH	37.00	23.2	-5.6	1554	2294	14.9	-2.4	2	10	1009.8	187.1	-38.2	177.9	-11.2
7TH	49.33	25.3	-4.1	1554	2294	16.3	-1.8	2	12	986.7	192.7	-35.8	165.6	-11.0
8TH	61.67	27.3	-2.3	1554	2294	17.6	-1.0	1	13	961.3	196.9	-33.4	153.5	-10.7
9TH	74.00	29.4	-1.5	1554	2294	18.9	-.2	0	14	934.0	199.2	-31.0	141.9	-10.3
10TH	86.33	31.4	1.4	1554	2294	20.2	.6	-1	14	904.6	199.6	-28.5	130.5	-9.9
11TH	98.67	33.7	3.8	1554	2294	21.7	1.7	-1	13	873.2	198.3	-26.1	119.6	-9.5
12TH	111.00	34.9	5.4	1554	2294	22.5	2.3	-2	12	839.6	194.4	-23.6	109.0	-9.0
13TH	123.33	36.0	6.7	1554	2294	23.1	2.9	-2	12	804.6	189.1	-21.3	98.9	-8.6
14TH	135.66	37.0	8.0	1554	2294	23.8	3.5	-3	12	768.7	182.4	-19.0	89.2	-8.1
15TH	148.00	38.0	9.3	1554	2294	24.5	4.1	-3	12	731.7	174.4	-16.8	79.9	-7.6
16TH	160.33	39.0	10.6	1554	2294	25.1	4.6	-3	12	693.7	165.1	-14.7	71.1	-7.1
17TH	172.66	40.1	12.0	1554	2294	25.8	5.2	-4	12	654.7	154.5	-12.7	62.8	-6.6
18TH	185.00	40.8	12.3	1554	2294	26.3	5.4	-4	12	614.6	142.5	-10.9	55.0	-6.1
19TH	197.33	41.3	12.2	1554	2294	26.6	5.3	-3	12	573.8	130.2	-9.2	47.6	-5.6
20TH	209.66	41.8	12.0	1554	2294	26.9	5.2	-3	12	532.5	118.0	-7.7	40.8	-5.0
21ST	222.00	42.2	11.8	1554	2294	27.2	5.1	-3	11	490.8	106.0	-6.3	34.5	-4.5
22ND	234.33	42.7	11.6	1554	2294	27.5	5.1	-3	11	448.5	94.2	-5.1	28.7	-4.0
23RD	246.66	43.2	11.5	1554	2294	27.8	5.0	-3	11	405.8	82.5	-4.0	23.4	-3.5
24TH	258.99	43.7	11.3	1554	2294	28.1	4.9	-3	11	362.7	71.1	-3.0	18.7	-3.0
25TH	271.33	44.0	10.9	1554	2294	28.3	4.8	-3	10	319.0	59.8	-2.2	14.5	-2.5
26TH	283.66	44.2	10.6	1554	2294	28.4	4.6	-2	10	275.0	48.9	-1.5	10.8	-2.0
27TH	295.99	44.4	10.3	1554	2294	28.6	4.5	-2	9	230.8	38.3	-1.0	7.7	-1.5
28TH	308.33	44.6	9.8	1554	2294	28.7	4.3	-2	9	186.4	28.0	-.6	5.2	-1.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1														
WIND DIRECTION 250				CONFIGURATION J		TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT						GUST FACTOR 1.32		
REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66													
		43.6	8.1	1554	2294	28.0	3.5	-1	7	141.8	18.2	-1.3	3.1	-1.7
30TH	332.99													
		42.4	6.4	1554	2294	27.3	2.8	-1	5	98.2	10.1	-1.1	1.6	-1.4
31ST	345.33													
		29.7	2.1	1264	2294	23.5	.9	-1	7	55.8	3.7	-1.0	.7	-1.1
32ND	357.66													
		26.0	1.6	1441	2792	18.1	.6	0	-2	26.0	1.6	-1.0	.2	.1
TOP	372.67													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 260

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
CONFIGURATION J REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	29.9	-30.7	2238	4580	13.4	-6.7	-18	-17	1078.6	-96.9	6.1	220.1	5.7
5TH	24.67	22.0	-12.3	1554	2294	14.2	-5.4	-3	-6	1048.7	-66.1	4.1	193.8	4.6
6TH	37.00	23.9	-11.7	1554	2294	15.4	-5.1	-1	-2	1026.7	-53.9	3.4	181.0	4.4
7TH	49.33	25.7	-10.7	1554	2294	16.6	-4.7	0	1	1002.7	-42.1	2.8	168.5	4.4
8TH	61.67	27.4	-9.0	1554	2294	17.6	-3.9	0	1	977.0	-31.4	2.4	156.3	4.4
9TH	74.00	29.0	-7.3	1554	2294	18.6	-3.2	0	2	949.6	-22.4	2.0	144.4	4.4
10TH	86.33	30.6	-5.6	1554	2294	19.7	-2.4	0	2	920.7	-15.2	1.8	132.9	4.5
11TH	98.67	32.3	-3.4	1554	2294	20.8	-1.5	0	2	890.1	-9.6	1.6	121.7	4.6
12TH	111.00	34.0	-2.4	1554	2294	21.9	-1.1	0	0	857.7	-6.2	1.5	111.0	4.6
13TH	123.33	35.7	-1.6	1554	2294	23.0	-.7	-0	-1	823.7	-3.7	1.5	100.6	4.6
14TH	135.66	37.3	-.9	1554	2294	24.0	-.4	-0	-2	788.1	-2.1	1.4	90.7	4.6
15TH	148.00	39.0	-.1	1554	2294	25.1	-.0	-0	-3	750.7	-1.3	1.4	81.2	4.6
16TH	160.33	40.7	.7	1554	2294	26.2	.3	0	-4	711.7	-1.2	1.4	72.1	4.4
17TH	172.66	42.3	1.5	1554	2294	27.3	.6	0	-5	671.1	-1.9	1.4	63.6	4.3
18TH	185.00	43.1	1.5	1554	2294	27.8	.7	0	-5	628.7	-3.4	1.4	55.6	4.1
19TH	197.33	43.4	1.2	1554	2294	27.9	.5	0	-5	585.6	-4.9	1.3	48.1	3.9
20TH	209.66	43.6	.8	1554	2294	28.0	.4	0	-5	542.2	-6.1	1.2	41.2	3.7
21ST	222.00	43.8	.5	1554	2294	28.2	.2	0	-5	498.6	-6.9	1.2	34.7	3.4
22ND	234.33	44.0	.1	1554	2294	28.3	.0	0	-5	454.9	-7.3	1.1	28.9	3.2
23RD	246.66	44.2	-.3	1554	2294	28.4	-.1	-0	-6	410.9	-7.4	1.0	23.5	3.0
24TH	258.99	44.5	-.5	1554	2294	28.6	-.2	-0	-6	366.7	-7.2	.9	18.7	2.7
25TH	271.33	44.9	.1	1554	2294	28.9	.0	0	-6	322.2	-6.7	.8	14.5	2.5
26TH	283.66	45.3	.7	1554	2294	29.2	.3	0	-5	277.3	-6.8	.7	10.8	2.2
27TH	295.99	45.7	1.3	1554	2294	29.4	.6	0	-5	231.9	-7.5	.6	7.6	2.0
28TH	308.33	46.0	1.7	1554	2294	29.6	.7	0	-5	186.2	-8.8	.5	5.1	1.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 260		CONFIGURATION J						REFERENCE PRESSURE 22.0 PSF					GUST FACTOR 1.32	
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	44.2	.5	1554	2294	28.4	.2	0	-7	140.1	-10.5	.4	3.1	1.5
30TH	332.99	42.1	-.8	1554	2294	27.1	-.4	-0	-10	96.0	-10.9	.3	1.6	1.2
31ST	345.33	28.8	-3.8	1264	2294	22.8	-1.6	-1	-7	53.9	-10.1	.1	.7	.7
32ND	357.66	25.0	-6.4	1441	2792	17.4	-2.3	-5	-21	25.0	-6.4	.0	.2	.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 270

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	20.6	-40.5	2238	4588	12.8	-8.8	-22	-16	1022.5	-314.9	48.7	210.7	20.3
5TH	24.67	20.2	-17.7	1554	2294	13.0	-7.7	-9	-10	993.8	-274.4	41.4	185.8	19.0
6TH	37.00	21.5	-17.4	1554	2294	13.9	-7.6	-6	-7	973.6	-256.7	38.1	173.7	18.6
7TH	49.33	22.9	-16.6	1554	2294	14.7	-7.3	-4	-6	952.1	-239.3	35.1	161.8	18.4
8TH	61.67	24.2	-15.3	1554	2294	15.6	-6.7	-4	-7	929.2	-222.6	32.2	150.2	18.2
9TH	74.00	25.5	-13.9	1554	2294	16.4	-6.1	-4	-7	905.0	-207.3	29.6	138.9	17.9
10TH	86.33	26.8	-12.6	1554	2294	17.3	-5.5	-3	-7	879.6	-193.4	27.1	127.9	17.7
11TH	98.67	28.3	-10.3	1554	2294	18.2	-4.5	-4	-10	852.7	-180.9	24.8	117.2	17.5
12TH	111.00	30.4	-9.4	1554	2294	19.6	-4.1	-4	-12	824.4	-170.6	22.6	106.8	17.2
13TH	123.33	32.6	-8.9	1554	2294	21.0	-3.9	-4	-14	794.0	-161.2	20.6	96.9	16.8
14TH	135.66	34.8	-8.3	1554	2294	22.4	-3.6	-4	-16	761.5	-152.3	18.6	87.3	16.3
15TH	148.00	36.9	-7.7	1554	2294	23.8	-3.4	-4	-17	726.7	-144.0	16.8	78.1	15.7
16TH	160.33	39.1	-7.2	1554	2294	25.2	-3.1	-3	-18	689.8	-136.3	15.1	69.4	15.1
17TH	172.66	41.3	-6.6	1554	2294	26.6	-2.9	-3	-20	650.6	-129.1	13.4	61.1	14.3
18TH	185.00	42.3	-6.7	1554	2294	27.2	-2.9	-3	-20	609.3	-122.5	11.9	53.3	13.5
19TH	197.33	42.5	-7.1	1554	2294	27.4	-3.1	-3	-20	567.0	-115.8	10.4	46.1	12.6
20TH	209.66	42.7	-7.6	1554	2294	27.5	-3.3	-4	-20	524.5	-108.6	9.0	39.3	11.8
21ST	222.00	42.9	-8.0	1554	2294	27.6	-3.5	-4	-20	481.8	-101.1	7.8	33.1	10.9
22ND	234.33	43.1	-8.5	1554	2294	27.8	-3.7	-4	-20	438.9	-93.0	6.6	27.5	10.0
23RD	246.66	43.3	-8.9	1554	2294	27.9	-3.9	-4	-19	395.7	-84.5	5.5	22.3	9.1
24TH	258.99	43.6	-9.2	1554	2294	28.1	-4.0	-4	-19	352.4	-75.6	4.5	17.7	8.3
25TH	271.33	44.0	-8.4	1554	2294	28.3	-3.7	-4	-20	308.8	-66.4	3.6	13.6	7.4
26TH	283.66	44.4	-7.7	1554	2294	28.5	-3.3	-4	-21	264.8	-58.0	2.8	10.1	6.5
27TH	295.99	44.7	-6.9	1554	2294	28.8	-3.0	-3	-21	220.4	-50.3	2.2	7.1	5.5
28TH	308.33	44.9	-6.3	1554	2294	28.9	-2.7	-3	-22	175.7	-43.4	1.6	4.7	4.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT														
WIND DIRECTION 270		CONFIGURATION J				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	42.9	-6.8	1554	2294	27.6	-3.0	-4	-23	130.8	-37.2	1.1	2.8	3.5
30TH	332.99	40.8	-7.4	1554	2294	26.2	-3.2	-4	-23	87.9	-30.3	.7	1.4	2.5
31ST	345.33	25.7	-8.3	1264	2294	20.3	-3.6	-6	-18	47.1	-22.9	.3	.6	1.5
32ND	357.66	21.4	-14.6	1441	2792	14.8	-5.2	-23	-33	21.4	-14.6	.1	.2	1.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

		CONFIGURATION J												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									860.8	-484.1	80.6	178.8	30.6
5TH	24.67	25.0	-46.2	2238	4588	11.2	-10.1	-18	-10	835.7	-438.0	69.2	157.9	29.6
6TH	37.00	15.6	-21.2	1554	2294	10.0	-9.2	-12	-9	820.1	-416.8	63.9	147.7	29.2
7TH	49.33	16.6	-21.2	1554	2294	10.7	-9.2	-11	-8	803.5	-395.6	58.9	137.6	28.8
8TH	61.67	17.7	-21.1	1554	2294	11.4	-9.2	-10	-9	785.8	-374.5	54.2	127.8	28.5
9TH	74.00	18.8	-20.9	1554	2294	12.1	-9.1	-10	-9	767.0	-353.6	49.7	118.3	28.1
10TH	86.33	19.9	-20.7	1554	2294	12.8	-9.0	-10	-9	747.1	-332.9	45.4	108.9	27.7
11TH	98.67	21.0	-20.4	1554	2294	13.5	-8.9	-9	-10	726.1	-312.5	41.5	99.8	27.3
12TH	111.00	22.6	-17.6	1554	2294	14.6	-7.7	-14	-17	703.4	-294.9	37.7	91.0	26.7
13TH	123.33	24.8	-16.5	1554	2294	16.0	-7.2	-14	-21	678.6	-278.4	34.2	82.5	25.9
14TH	135.66	27.0	-15.7	1554	2294	17.4	-6.9	-14	-24	651.7	-262.6	30.8	74.3	25.1
15TH	148.00	29.2	-14.9	1554	2294	18.8	-6.5	-13	-26	622.5	-247.7	27.7	66.4	24.1
16TH	160.33	31.3	-14.1	1554	2294	20.2	-6.2	-13	-28	591.2	-233.6	24.7	59.0	23.0
17TH	172.66	33.5	-13.3	1554	2294	21.6	-5.8	-12	-30	557.7	-220.3	21.9	51.9	21.8
18TH	185.00	35.7	-12.5	1554	2294	23.0	-5.4	-11	-32	521.9	-207.8	19.3	45.2	20.6
19TH	197.33	36.7	-12.5	1554	2294	23.6	-5.4	-11	-33	485.3	-195.3	16.8	39.0	19.2
20TH	209.66	36.9	-12.9	1554	2294	23.7	-5.6	-12	-33	448.4	-182.4	14.5	33.3	17.9
21ST	222.00	37.1	-13.4	1554	2294	23.9	-5.8	-12	-33	411.3	-169.1	12.3	28.0	16.5
22ND	234.33	37.3	-13.8	1554	2294	24.0	-6.0	-12	-33	374.0	-155.3	10.3	23.1	15.1
23RD	246.66	37.5	-14.2	1554	2294	24.2	-6.2	-13	-34	336.4	-141.1	8.5	18.7	13.6
24TH	258.99	37.8	-14.7	1554	2294	24.3	-6.4	-13	-34	298.7	-126.4	6.8	14.8	12.1
25TH	271.33	38.0	-15.0	1554	2294	24.4	-6.5	-14	-34	260.7	-111.4	5.4	11.4	10.6
26TH	283.66	38.1	-14.8	1554	2294	24.5	-6.4	-13	-34	222.6	-96.6	4.1	8.4	9.2
27TH	295.99	38.3	-14.6	1554	2294	24.6	-6.4	-13	-34	184.4	-82.0	3.0	5.9	7.7
28TH	308.33	38.4	-14.4	1554	2294	24.7	-6.3	-13	-34	145.9	-67.7	2.0	3.8	6.2
		38.4	-14.2	1554	2294	24.7	-6.2	-12	-34					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	35.6	-14.9	1554	2294	22.9	-6.5	-13	-32	107.5	-53.4	1.3	2.3	4.7
30TH	332.99	32.7	-15.5	1554	2294	21.1	-6.8	-14	-30	71.9	-38.5	.7	1.2	3.4
31ST	345.33	21.6	-7.4	1264	2294	17.1	-3.2	-11	-33	39.2	-23.0	.4	.5	2.2
32ND	357.66	17.6	-15.6	1441	2792	12.2	-5.6	-38	-43	17.6	-15.6	.1	.1	1.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1 WIND DIRECTION 290				CONFIGURATION J				TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									544.5	-633.2	108.7	116.0	39.6
5TH	24.67	16.7	-48.1	2238	4588	7.5	-10.5	-16	-6	527.8	-585.1	93.6	102.8	38.7
6TH	37.00	8.7	-23.4	1554	2294	5.6	-10.2	-17	-6	519.0	-561.7	86.6	96.4	38.2
7TH	49.33	9.0	-24.2	1554	2294	5.8	-10.5	-17	-7	510.0	-537.6	79.8	90.0	37.8
8TH	61.67	9.4	-24.9	1554	2294	6.0	-10.8	-18	-7	500.6	-512.7	73.3	83.8	37.2
9TH	74.00	9.8	-25.4	1554	2294	6.3	-11.1	-19	-8	490.8	-487.3	67.2	77.7	36.7
10TH	86.33	10.3	-26.0	1554	2294	6.6	-11.3	-21	-8	480.5	-461.3	61.3	71.7	36.1
11TH	98.67	10.8	-26.5	1554	2294	6.9	-11.6	-22	-9	469.7	-434.8	55.8	65.8	35.4
12TH	111.00	11.5	-24.0	1554	2294	7.4	-10.5	-33	-16	458.2	-410.8	50.6	60.1	34.4
13TH	123.33	13.3	-23.1	1554	2294	8.6	-10.0	-37	-21	444.9	-387.8	45.6	54.5	33.3
14TH	135.66	15.4	-22.4	1554	2294	9.9	-9.8	-38	-26	429.5	-365.4	41.0	49.1	32.0
15TH	148.00	17.4	-21.7	1554	2294	11.2	-9.5	-38	-31	412.2	-343.7	36.6	43.9	30.7
16TH	160.33	19.4	-21.0	1554	2294	12.5	-9.2	-38	-35	392.7	-322.7	32.5	39.0	29.2
17TH	172.66	21.5	-20.4	1554	2294	13.8	-8.9	-37	-39	371.3	-302.3	28.7	34.3	27.6
18TH	185.00	23.5	-19.7	1554	2294	15.1	-8.6	-36	-43	347.8	-282.6	25.1	29.8	25.9
19TH	197.33	24.4	-19.4	1554	2294	15.7	-8.5	-36	-45	323.4	-263.1	21.7	25.7	24.1
20TH	209.66	24.7	-19.4	1554	2294	15.9	-8.5	-36	-45	298.7	-243.7	18.6	21.9	22.3
21ST	222.00	25.0	-19.4	1554	2294	16.1	-8.5	-35	-46	273.6	-224.3	15.7	18.3	20.5
22ND	234.33	25.3	-19.4	1554	2294	16.3	-8.4	-35	-46	248.3	-204.9	13.0	15.1	18.6
23RD	246.66	25.6	-19.3	1554	2294	16.5	-8.4	-35	-47	222.6	-185.6	10.6	12.2	16.7
24TH	258.99	26.0	-19.3	1554	2294	16.7	-8.4	-35	-47	196.7	-166.3	8.5	9.6	14.8
25TH	271.33	26.1	-19.4	1554	2294	16.8	-8.5	-35	-48	170.6	-146.9	6.5	7.4	12.9
26TH	283.66	25.9	-20.1	1554	2294	16.7	-8.7	-36	-46	144.7	-126.8	4.8	5.4	11.0
27TH	295.99	25.7	-20.7	1554	2294	16.5	-9.0	-36	-44	119.0	-106.1	3.4	3.8	9.1
28TH	308.33	25.4	-21.4	1554	2294	16.4	-9.3	-36	-43	93.6	-84.6	2.2	2.5	7.2
		25.0	-22.0	1554	2294	16.1	-9.6	-36	-41					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 290													TOWER CENTER -- TOWER A -- ISOLATED ENVIRONMENT REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
CONFIGURATION J																												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
29TH	320.66	22.4	-21.8	1554	2294	14.4	-9.5	-36	-37	68.6	-62.6	1.3	1.5	5.4														
30TH	332.99	19.6	-21.6	1554	2294	12.6	-9.4	-36	-32	46.2	-40.9	.7	.8	3.8														
31ST	345.33	14.6	-5.8	1264	2294	11.6	-2.5	-22	-56	26.6	-19.3	.3	.3	2.4														
32ND	357.66	11.9	-13.5	1441	2792	8.3	-4.8	-60	-53	11.9	-13.5	.1	.1	1.4														
TOP	372.67									0.0	0.0	0.0	0.0	0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 300

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	6.7	-50.2	2238	4588	3.0	-10.9	-13	-2	141.6	-759.6	134.2	37.2	43.4
5TH	24.67	-1.9	-25.4	1554	2294	-1.2	-11.1	-25	2	134.9	-709.5	116.0	33.8	42.7
6TH	37.00	-2.0	-26.6	1554	2294	-1.3	-11.6	-25	2	136.7	-684.1	107.5	32.1	42.1
7TH	49.33	-2.0	-27.7	1554	2294	-1.3	-12.1	-25	2	138.7	-657.5	99.2	30.4	41.4
8TH	61.67	-2.0	-28.6	1554	2294	-1.3	-12.5	-26	2	140.7	-629.8	91.2	28.7	40.7
9TH	74.00	-2.0	-29.5	1554	2294	-1.3	-12.9	-27	2	142.7	-601.3	83.6	27.0	40.0
10TH	86.33	-2.0	-30.4	1554	2294	-1.3	-13.3	-28	2	144.8	-571.8	76.4	25.2	39.2
11TH	98.67	-1.6	-28.0	1554	2294	-1.1	-12.2	-42	2	146.8	-541.4	69.6	23.4	38.3
12TH	111.00	-1.2	-27.2	1554	2294	-1.1	-11.8	-48	0	148.4	-513.3	63.0	21.6	37.2
13TH	123.33	1.4	-26.6	1554	2294	.9	-11.6	-53	-3	148.6	-486.2	56.9	19.7	35.8
14TH	135.66	3.0	-26.0	1554	2294	1.9	-11.3	-57	-7	147.3	-459.6	51.1	17.9	34.4
15TH	148.00	4.5	-25.4	1554	2294	2.9	-11.1	-61	-11	144.3	-433.6	45.5	16.1	32.9
16TH	160.33	6.1	-24.9	1554	2294	3.9	-10.8	-65	-16	139.8	-408.1	40.4	14.4	31.3
17TH	172.66	7.7	-24.3	1554	2294	5.0	-10.6	-68	-21	133.6	-383.2	35.5	12.7	29.6
18TH	185.00	8.4	-24.3	1554	2294	5.4	-10.6	-69	-24	125.9	-358.9	30.9	11.1	27.8
19TH	197.33	8.6	-24.7	1554	2294	5.5	-10.8	-69	-24	117.5	-334.6	26.6	9.6	25.9
20TH	209.66	8.8	-25.1	1554	2294	5.7	-10.9	-70	-24	108.9	-309.9	22.6	8.2	24.0
21ST	222.00	9.0	-25.5	1554	2294	5.8	-11.1	-70	-25	100.1	-284.8	19.0	6.9	22.0
22ND	234.33	9.1	-25.9	1554	2294	5.9	-11.3	-71	-25	91.1	-259.3	15.6	5.7	20.0
23RD	246.66	9.3	-26.3	1554	2294	6.0	-11.4	-71	-25	82.0	-233.4	12.6	4.6	18.0
24TH	258.99	9.3	-26.7	1554	2294	6.0	-11.6	-71	-25	72.6	-207.1	9.9	3.7	15.9
25TH	271.33	9.2	-27.2	1554	2294	5.9	-11.9	-70	-24	63.3	-180.5	7.5	2.8	13.7
26TH	283.66	9.2	-27.8	1554	2294	5.9	-12.1	-68	-22	54.1	-153.2	5.4	2.1	11.6
27TH	295.99	9.1	-28.4	1554	2294	5.9	-12.4	-67	-21	44.9	-125.4	3.7	1.5	9.5
28TH	308.33	9.0	-28.7	1554	2294	5.8	-12.5	-65	-20	35.8	-97.0	2.3	1.0	7.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 300

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									26.9	-68.3	1.3	.6	5.4
30TH	332.99	7.8	-27.0	1554	2294	5.0	-11.8	-64	-18	19.0	-41.3	.6	.3	3.5
31ST	345.33	6.6	-25.4	1554	2294	4.3	-11.1	-62	-16	12.4	-15.9	.3	.1	1.8
32ND	357.66	7.1	-2.2	1264	2294	5.6	-1.0	-26	-84	5.3	-13.7	.1	.0	1.2
TOP	372.67	5.3	-13.7	1441	2792	3.7	-4.9	-74	-29	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	.8	-56.1	2238	4588	.4	-12.2	-6	-0	-219.7	-896.2	159.6	-36.8	39.2
5TH	24.67	-10.8	-28.4	1554	2294	-7.0	-12.4	-21	8	-220.5	-840.2	138.2	-31.3	38.9
6TH	37.00	-11.5	-29.9	1554	2294	-7.4	-13.0	-20	8	-209.7	-811.8	128.0	-28.7	38.2
7TH	49.33	-12.1	-31.2	1554	2294	-7.8	-13.6	-20	8	-198.2	-781.9	118.2	-26.2	37.5
8TH	61.67	-12.6	-32.3	1554	2294	-8.1	-14.1	-21	8	-186.2	-750.7	108.7	-23.8	36.8
9TH	74.00	-13.2	-33.4	1554	2294	-8.5	-14.6	-21	8	-173.5	-718.4	99.7	-21.6	36.0
10TH	86.33	-13.7	-34.6	1554	2294	-8.8	-15.1	-22	9	-160.4	-685.0	91.0	-19.5	35.2
11TH	98.67	-13.0	-31.7	1554	2294	-8.4	-13.8	-33	14	-146.7	-650.4	82.8	-17.6	34.3
12TH	111.00	-11.7	-31.1	1554	2294	-7.6	-13.5	-38	14	-133.6	-618.7	75.0	-15.9	33.1
13TH	123.33	-10.5	-30.8	1554	2294	-6.7	-13.4	-44	14	-121.9	-587.6	67.5	-14.3	31.7
14TH	135.66	-9.2	-30.6	1554	2294	-5.9	-13.3	-43	13	-111.4	-556.8	60.5	-12.9	30.4
15TH	148.00	-7.9	-30.3	1554	2294	-5.1	-13.2	-46	12	-102.3	-526.2	53.8	-11.6	28.9
16TH	160.33	-6.6	-30.1	1554	2294	-4.3	-13.1	-49	11	-94.4	-495.9	47.5	-10.4	27.4
17TH	172.66	-5.3	-29.9	1554	2294	-3.4	-13.0	-52	9	-87.7	-465.8	41.6	-9.2	25.9
18TH	185.00	-4.7	-30.2	1554	2294	-3.0	-13.2	-53	8	-82.4	-435.9	36.0	-8.2	24.3
19TH	197.33	-4.5	-31.0	1554	2294	-2.9	-13.5	-54	8	-77.7	-405.7	30.8	-7.2	22.6
20TH	209.66	-4.4	-31.7	1554	2294	-2.8	-13.8	-54	7	-73.1	-374.7	26.0	-6.3	20.9
21ST	222.00	-4.2	-32.5	1554	2294	-2.7	-14.2	-54	7	-68.8	-342.9	21.6	-5.4	19.2
22ND	234.33	-4.0	-33.2	1554	2294	-2.6	-14.5	-55	7	-64.6	-310.4	17.5	-4.6	17.4
23RD	246.66	-3.8	-34.0	1554	2294	-2.5	-14.8	-55	6	-60.6	-277.2	13.9	-3.8	15.6
24TH	258.99	-3.9	-34.7	1554	2294	-2.5	-15.1	-55	6	-56.8	-243.2	10.7	-3.1	13.7
25TH	271.33	-5.4	-34.9	1554	2294	-3.5	-15.2	-53	8	-52.9	-208.5	7.9	-2.4	11.7
26TH	283.66	-6.9	-35.1	1554	2294	-4.5	-15.3	-50	10	-47.4	-173.7	5.6	-1.8	9.8
27TH	295.99	-8.4	-35.3	1554	2294	-5.4	-15.4	-48	11	-40.5	-138.6	3.6	-1.2	8.0
28TH	308.33	-9.7	-35.2	1554	2294	-6.2	-15.3	-46	13	-32.1	-103.3	2.2	-.8	6.2

TABLE 7. SHEAR AND MOMENT DIAGRAM 1
WIND DIRECTION 310

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66									-22.4	-68.2	1.1	-.5	4.5
30TH	332.99	-8.5	-32.0	1554	2294	-5.5	-14.0	-48	13	-13.9	-36.2	.5	-.2	2.8
31ST	345.33	-7.3	-28.9	1554	2294	-4.7	-12.6	-50	13	-6.6	-7.3	.2	-.1	1.3
32ND	357.66	-2.1	2.9	1264	2294	-1.6	1.3	74	52	-4.5	-10.2	.1	-.0	.9
TOP	372.67	-4.5	-10.2	1441	2792	-3.1	-3.7	-78	34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-1.6	-64.6	2238	4388	-1.7	-14.1	-1	0	-251.1	-1049.3	188.9	-43.6	32.8
5TH	24.67	-12.5	-32.8	1554	2294	-8.0	-14.3	-14	5	-249.4	-984.7	163.9	-37.5	32.7
6TH	37.00	-12.7	-34.3	1554	2294	-8.2	-15.0	-14	5	-237.0	-951.8	151.9	-34.5	32.2
7TH	49.33	-12.8	-35.7	1554	2294	-8.2	-15.6	-14	5	-224.3	-917.5	140.4	-31.6	31.6
8TH	61.67	-12.6	-36.9	1554	2294	-8.1	-16.1	-14	5	-211.5	-881.8	129.3	-28.9	31.1
9TH	74.00	-12.5	-38.0	1554	2294	-8.1	-16.6	-14	5	-198.9	-844.9	118.6	-26.4	30.5
10TH	86.33	-12.4	-39.2	1554	2294	-8.0	-17.1	-15	5	-186.3	-806.9	108.5	-24.0	29.9
11TH	98.67	-12.9	-35.9	1554	2294	-8.3	-15.7	-26	9	-173.9	-767.7	98.7	-21.8	29.2
12TH	111.00	-12.1	-35.4	1554	2294	-7.8	-15.5	-29	10	-161.1	-731.8	89.5	-19.7	28.2
13TH	123.33	-11.0	-35.5	1554	2294	-7.1	-15.5	-31	10	-149.0	-696.4	80.7	-17.8	27.0
14TH	135.66	-10.0	-35.6	1554	2294	-6.4	-15.5	-34	9	-138.0	-660.9	72.3	-16.1	25.8
15TH	148.00	-8.9	-35.7	1554	2294	-5.7	-15.5	-36	9	-128.0	-625.3	64.4	-14.4	24.5
16TH	160.33	-7.8	-35.7	1554	2294	-5.0	-15.6	-38	8	-119.1	-589.6	56.9	-12.9	23.2
17TH	172.66	-6.8	-35.8	1554	2294	-4.4	-15.6	-40	8	-111.3	-553.9	49.9	-11.5	21.7
18TH	185.00	-6.3	-36.3	1554	2294	-4.0	-15.8	-41	7	-104.5	-518.1	43.2	-10.1	20.3
19TH	197.33	-6.2	-37.0	1554	2294	-4.0	-16.1	-40	7	-98.3	-481.8	37.1	-8.9	18.7
20TH	209.66	-6.2	-37.6	1554	2294	-4.0	-16.4	-40	7	-92.0	-444.8	31.4	-7.7	17.2
21ST	222.00	-6.2	-38.3	1554	2294	-4.0	-16.7	-40	6	-85.8	-407.2	26.1	-6.6	15.6
22ND	234.33	-6.1	-39.0	1554	2294	-3.9	-17.0	-40	6	-79.7	-368.9	21.3	-5.6	14.1
23RD	246.66	-6.1	-39.7	1554	2294	-3.9	-17.3	-39	6	-73.5	-329.8	17.0	-4.7	12.5
24TH	258.99	-6.1	-40.3	1554	2294	-4.0	-17.6	-39	6	-67.4	-290.1	13.2	-3.8	10.9
25TH	271.33	-6.7	-40.5	1554	2294	-4.3	-17.6	-38	6	-61.3	-249.8	9.9	-3.0	9.3
26TH	283.66	-7.4	-40.6	1554	2294	-4.7	-17.7	-37	7	-54.5	-209.3	7.0	-2.3	7.7
27TH	295.99	-8.0	-40.8	1554	2294	-5.1	-17.8	-36	7	-47.2	-168.7	4.7	-1.7	6.1
28TH	308.33	-8.6	-40.6	1554	2294	-5.5	-17.7	-35	7	-39.2	-127.9	2.9	-1.1	4.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-9.2	-37.4	1554	2294	-5.9	-16.3	-34	8	-30.7	-87.2	1.5	-.7	3.1
30TH	332.99	-9.9	-34.1	1554	2294	-6.4	-14.9	-33	10	-21.4	-49.9	.7	-.4	1.7
31ST	345.33	-4.7	-1.4	1264	2294	-3.7	-.6	-8	25	-11.5	-15.8	.3	-.2	.5
32ND	357.66	-6.8	-14.3	1441	2792	-4.7	-5.1	-22	11	-6.8	-14.3	.1	-.1	.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-289.0	-1118.8	199.0	-59.9	22.2
5TH	24.67	-0.2	-74.0	2238	4588	-0.1	-16.1	1	-0	-288.8	-1044.8	172.3	-52.7	22.3
6TH	37.00	-0.8	-37.3	1554	2294	-5.6	-16.3	-9	2	-280.0	-1007.5	159.7	-49.2	22.0
7TH	49.33	-0.8	-38.4	1554	2294	-5.7	-16.8	-9	2	-271.2	-969.1	147.5	-45.8	21.6
8TH	61.67	-0.7	-39.4	1554	2294	-5.6	-17.2	-9	2	-262.5	-929.7	135.8	-42.5	21.2
9TH	74.00	-0.6	-40.2	1554	2294	-5.5	-17.5	-9	2	-253.9	-889.5	124.6	-39.3	20.8
10TH	86.33	-0.4	-41.0	1554	2294	-5.4	-17.9	-10	2	-245.5	-848.5	113.9	-36.3	20.4
11TH	98.67	-0.2	-41.8	1554	2294	-5.3	-18.2	-10	2	-237.4	-806.8	103.6	-33.3	20.0
12TH	111.00	-9.6	-38.1	1554	2294	-6.2	-16.6	-21	5	-227.8	-768.7	93.9	-30.4	19.1
13TH	123.33	-9.9	-37.6	1554	2294	-6.4	-16.4	-23	6	-217.9	-731.0	84.7	-27.7	18.2
14TH	135.66	-9.8	-37.7	1554	2294	-6.3	-16.4	-24	6	-208.1	-693.3	75.9	-25.0	17.2
15TH	148.00	-9.7	-37.8	1554	2294	-6.3	-16.5	-24	6	-198.3	-655.5	67.6	-22.5	16.2
16TH	160.33	-9.7	-38.0	1554	2294	-6.2	-16.5	-25	6	-188.7	-617.5	59.7	-20.2	15.3
17TH	172.66	-9.6	-38.1	1554	2294	-6.2	-16.6	-25	6	-179.0	-579.4	52.4	-17.9	14.2
18TH	185.00	-9.5	-38.2	1554	2294	-6.1	-16.6	-26	6	-169.5	-541.3	45.4	-15.7	13.2
19TH	197.33	-9.7	-38.5	1554	2294	-6.2	-16.8	-26	6	-159.8	-502.8	39.0	-13.7	12.2
20TH	209.66	-10.0	-38.9	1554	2294	-6.5	-17.0	-25	7	-149.8	-463.9	33.0	-11.8	11.1
21ST	222.00	-10.4	-39.3	1554	2294	-6.7	-17.1	-25	7	-139.4	-424.6	27.6	-10.0	10.0
22ND	234.33	-10.8	-39.7	1554	2294	-6.9	-17.3	-25	7	-128.6	-384.8	22.6	-8.4	9.0
23RD	246.66	-11.1	-40.2	1554	2294	-7.2	-17.5	-25	7	-117.5	-344.7	18.1	-6.8	7.9
24TH	258.99	-11.5	-40.6	1554	2294	-7.4	-17.7	-25	7	-106.0	-304.1	14.1	-5.5	6.8
25TH	271.33	-11.9	-41.0	1554	2294	-7.6	-17.9	-24	7	-94.2	-263.1	10.6	-4.2	5.8
26TH	283.66	-12.4	-41.5	1554	2294	-8.0	-18.1	-23	7	-81.7	-221.6	7.6	-3.1	4.7
27TH	295.99	-13.0	-41.9	1554	2294	-8.4	-18.3	-23	7	-68.7	-179.7	5.1	-2.2	3.7
28TH	308.33	-13.6	-42.4	1554	2294	-8.8	-18.5	-22	7	-55.1	-137.4	3.2	-1.5	2.6
		-14.1	-42.4	1554	2294	-9.1	-18.5	-21	7					

TABLE 7. SHEAR AND MOMENT DIAGRAM 1
WIND DIRECTION 330

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-13.8	-39.1	1554	2294	-8.9	-17.0	-20	7	-41.0	-94.9	1.7	-.9	1.6
30TH	332.99	-13.4	-35.7	1554	2294	-8.6	-15.6	-20	7	-27.2	-55.8	.8	-.4	.8
31ST	343.33	-6.2	-5.3	1264	2294	-4.9	-2.3	4	-4	-13.8	-20.1	.3	-.2	-.0
32ND	357.66	-7.6	-14.8	1441	2792	-5.3	-5.3	-0	0	-7.6	-14.8	.1	-.1	.0
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 340

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-5.6	-79.6	2238	4588	-2.5	-17.4	5	-0	-424.9	-1225.4	218.7	-88.0	12.4
5TH	24.67	-11.0	-40.4	1554	2294	-7.1	-17.6	-4	1	-419.3	-1145.6	189.4	-77.6	12.8
6TH	37.00	-11.2	-41.5	1554	2294	-7.2	-18.1	-4	1	-408.3	-1105.4	175.6	-72.5	12.6
7TH	49.33	-11.2	-42.4	1554	2294	-7.2	-18.5	-4	1	-397.1	-1063.9	162.2	-67.5	12.4
8TH	61.67	-10.8	-43.2	1554	2294	-6.9	-18.8	-4	1	-386.0	-1021.5	149.3	-62.7	12.2
9TH	74.00	-10.4	-44.0	1554	2294	-6.7	-19.2	-5	1	-375.2	-978.3	137.0	-58.0	12.0
10TH	86.33	-10.0	-44.8	1554	2294	-6.4	-19.5	-5	1	-364.8	-934.3	125.2	-53.4	11.8
11TH	98.67	-12.5	-41.4	1554	2294	-8.1	-18.1	-14	4	-354.8	-889.6	113.9	-49.0	11.6
12TH	111.00	-13.5	-41.2	1554	2294	-8.7	-18.0	-16	5	-342.3	-848.1	103.2	-44.7	10.9
13TH	123.33	-14.0	-41.6	1554	2294	-9.0	-18.1	-15	5	-328.8	-807.0	93.0	-40.5	10.2
14TH	135.66	-14.4	-42.0	1554	2294	-9.3	-18.3	-15	5	-314.8	-765.4	83.3	-36.6	9.5
15TH	148.00	-14.8	-42.3	1554	2294	-9.6	-18.5	-14	5	-300.4	-723.4	74.1	-32.8	8.8
16TH	160.33	-15.3	-42.7	1554	2294	-9.8	-18.6	-14	5	-285.5	-681.1	65.5	-29.2	8.1
17TH	172.66	-15.7	-43.1	1554	2294	-10.1	-18.8	-14	5	-270.3	-638.3	57.3	-25.7	7.4
18TH	185.00	-16.1	-43.4	1554	2294	-10.4	-18.9	-13	5	-254.5	-595.2	49.7	-22.5	6.8
19TH	197.33	-16.6	-43.7	1554	2294	-10.7	-19.0	-13	5	-238.4	-551.8	42.7	-19.5	6.1
20TH	209.66	-17.1	-44.0	1554	2294	-11.0	-19.2	-13	5	-221.8	-508.1	36.1	-16.6	5.5
21ST	222.00	-17.6	-44.2	1554	2294	-11.3	-19.3	-12	5	-204.7	-464.1	30.1	-14.0	4.8
22ND	234.33	-18.0	-44.5	1554	2294	-11.6	-19.4	-12	5	-187.1	-419.9	24.7	-11.6	4.2
23RD	246.66	-18.5	-44.8	1554	2294	-11.9	-19.5	-12	5	-169.1	-375.4	19.8	-9.4	3.6
24TH	258.99	-18.9	-45.0	1554	2294	-12.2	-19.6	-11	5	-150.6	-330.7	15.4	-7.4	3.0
25TH	271.33	-19.2	-45.1	1554	2294	-12.3	-19.7	-11	5	-131.6	-285.7	11.6	-5.7	2.4
26TH	283.66	-19.4	-45.2	1554	2294	-12.5	-19.7	-11	5	-112.5	-240.6	8.4	-4.2	1.8
27TH	295.99	-19.6	-45.3	1554	2294	-12.6	-19.7	-10	4	-93.1	-195.4	5.7	-2.9	1.2
28TH	308.33	-19.7	-45.1	1554	2294	-12.7	-19.6	-10	4	-73.5	-150.1	3.6	-1.9	.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 340

CONFIGURATION J

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-19.0	-41.4	1554	2294	-12.2	-18.0	-9	4	-53.8	-105.0	2.0	-1.1	.1
30TH	332.99	-18.2	-37.7	1554	2294	-11.7	-16.4	-8	4	-34.9	-63.7	1.0	-.5	-.3
31ST	345.33	-7.8	-8.5	1264	2294	-6.2	-3.7	21	-20	-16.7	-26.0	.4	-.2	-.7
32ND	357.66	-8.9	-17.5	1441	2792	-6.2	-6.3	18	-9	-8.9	-17.5	.1	-.1	-.4
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 350

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-15.0	-80.4	2238	4588	-6.7	-17.5	10	-2	-579.2	-1252.8	224.4	-113.9	2.4
5TH	24.67	-16.1	-40.8	1554	2294	-10.4	-17.8	-0	0	-564.2	-1172.4	194.5	-99.8	3.2
6TH	37.00	-16.3	-41.7	1554	2294	-10.5	-18.2	0	-0	-548.1	-1131.6	180.3	-92.9	3.2
7TH	49.33	-16.4	-42.6	1554	2294	-10.5	-18.6	0	-0	-531.8	-1089.9	166.6	-86.2	3.2
8TH	61.67	-16.2	-43.5	1554	2294	-10.4	-19.0	0	-0	-515.4	-1047.3	153.4	-79.8	3.2
9TH	74.00	-16.1	-44.4	1554	2294	-10.3	-19.3	0	-0	-499.2	-1003.8	140.7	-73.5	3.2
10TH	86.33	-15.9	-45.3	1554	2294	-10.2	-19.7	1	-0	-483.1	-959.5	128.6	-67.5	3.2
11TH	98.67	-19.6	-43.1	1554	2294	-12.6	-18.8	-5	2	-467.2	-914.2	117.1	-61.6	3.3
12TH	111.00	-20.7	-42.9	1554	2294	-13.3	-18.7	-6	3	-447.6	-871.1	106.1	-56.0	3.0
13TH	123.33	-21.0	-43.1	1554	2294	-13.5	-18.8	-6	3	-426.9	-828.1	95.6	-50.6	2.7
14TH	135.66	-21.2	-43.3	1554	2294	-13.7	-18.9	-5	3	-405.9	-785.0	85.6	-45.4	2.4
15TH	148.00	-21.5	-43.5	1554	2294	-13.8	-19.0	-5	2	-384.7	-741.7	76.2	-40.6	2.1
16TH	160.33	-21.7	-43.7	1554	2294	-14.0	-19.1	-5	2	-363.2	-698.2	67.3	-36.0	1.8
17TH	172.66	-22.0	-43.9	1554	2294	-14.2	-19.1	-4	2	-341.5	-654.5	59.0	-31.6	1.6
18TH	185.00	-22.2	-44.2	1554	2294	-14.3	-19.3	-4	2	-319.5	-610.6	51.2	-27.5	1.4
19TH	197.33	-22.4	-44.6	1554	2294	-14.4	-19.4	-4	2	-297.2	-566.4	43.9	-23.7	1.1
20TH	209.66	-22.6	-45.0	1554	2294	-14.6	-19.6	-4	2	-274.8	-521.8	37.2	-20.2	.9
21ST	222.00	-22.8	-45.3	1554	2294	-14.7	-19.8	-4	2	-252.2	-476.8	31.1	-16.9	.7
22ND	234.33	-23.0	-45.7	1554	2294	-14.8	-19.9	-4	2	-229.4	-431.5	25.5	-14.0	.5
23RD	246.66	-23.2	-46.1	1554	2294	-15.0	-20.1	-4	2	-206.3	-385.8	20.4	-11.3	.2
24TH	258.99	-23.4	-46.4	1554	2294	-15.1	-20.2	-4	2	-183.1	-339.7	16.0	-8.9	.0
25TH	271.33	-23.7	-46.3	1554	2294	-15.2	-20.2	-3	2	-159.7	-293.3	12.1	-6.8	-.2
26TH	283.66	-23.9	-46.2	1554	2294	-15.4	-20.1	-3	2	-136.0	-247.1	8.7	-5.0	-.4
27TH	295.99	-24.2	-46.1	1554	2294	-15.6	-20.1	-3	1	-112.1	-200.9	6.0	-3.4	-.6
28TH	308.33	-24.3	-45.6	1554	2294	-15.6	-19.9	-2	1	-87.9	-154.8	3.8	-2.2	-.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.66	-23.0	-41.7	1554	2294	-14.8	-18.2	-2	1	-63.6	-109.2	2.1	-1.3	-1.9
30TH	332.99	-21.8	-37.7	1554	2294	-14.0	-16.5	-1	0	-40.5	-67.6	1.0	-1.6	-1.0
31ST	345.33	-8.8	-10.6	1264	2294	-7.0	-4.6	23	-21	-18.7	-29.8	.4	-1.3	-1.0
32ND	357.66	-9.9	-19.2	1441	2792	-6.9	-6.9	23	-12	-9.9	-19.2	.1	-1.1	-1.6
TOP	372.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER -- TOWER A -- ISOLATED ENVIRONMENT
 PROJECT 5210 CONFIGURATION J
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 29

SIDE	ANGLE	Z-AXIS
1	0.0	1.890
2	90.0	2.790
3	180.0	1.890
4	270.0	2.790

FLOOR #	LABEL	HEIGHT-FT
1	4TH	24.67
2	5TH	12.33
3	6TH	12.33
4	7TH	12.33
5	8TH	12.33
6	9TH	12.33
7	10TH	12.33
8	11TH	12.33
9	12TH	12.33
10	13TH	12.33
11	14TH	12.33
12	15TH	12.33
13	16TH	12.33
14	17TH	12.33
15	18TH	12.33
16	19TH	12.33
17	20TH	12.33
18	21ST	12.33
19	22ND	12.33
20	23RD	12.33
21	24TH	12.33
22	25TH	12.33
23	26TH	12.33
24	27TH	12.33
25	28TH	12.33
26	29TH	12.33
27	30TH	12.33
28	31ST	12.33
29	32ND	15.00

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TABOR CENTER, DATA ON TOWER B
CONFIGURATION C REFERENCE PRESSURE 22 0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-1144.1	-2278.1	544.2	-258.2	-16.3	6	-3
10	-1270.4	-1848.8	442.1	-292.6	-9.3	3	-2
20	-1256.8	-1332.0	307.7	-292.7	3.0	-1	1
30	-1108.8	-982.1	190.9	-262.1	12.8	-6	7
40	-557.4	-495.6	102.2	-131.1	8.9	-8	9
50	-211.7	51.1	2.2	-36.0	18.5	20	8
60	-461.4	449.2	-72.3	-127.2	47.7	32	33
70	-705.6	495.6	-79.3	-217.7	56.1	37	53
80	-732.7	493.7	-66.2	-224.8	51.6	33	48
90	-508.1	277.7	-40.9	-164.1	34.9	29	53
100	-554.1	294.4	-54.2	-160.6	35.6	26	50
110	-528.7	391.2	-97.9	-162.3	45.7	41	56
120	-400.8	477.1	-132.4	-124.5	47.6	58	49
130	-70.2	470.2	-130.1	-24.9	31.2	55	10
140	129.7	522.8	-155.2	33.5	19.2	35	-9
150	314.4	602.3	-208.3	85.0	16.6	22	-11
160	430.7	658.8	-225.3	132.0	7.4	8	-5
170	471.9	584.1	-191.9	158.0	-2.4	-3	-2
180	485.6	489.2	-149.6	168.0	-9.3	-10	10
190	411.6	359.7	-94.3	137.9	-12.9	-16	18
200	530.5	340.4	-79.2	163.2	-21.9	-19	29
210	576.0	329.5	-60.7	168.1	-30.3	-23	40
220	631.9	246.7	-24.1	161.4	-35.3	-19	49
230	574.4	240.2	-26.5	138.3	-42.3	-26	63
240	512.0	-53.3	46.1	116.7	-46.4	-9	90
250	481.1	-587.3	192.4	103.6	-34.1	35	28
260	367.3	-1085.6	333.3	69.6	-12.1	10	3
270	202.2	-1579.2	463.1	17.1	4.1	-3	-0
280	1.2	-2182.0	597.5	-45.7	17.5	-8	-0
290	-175.9	-2522.4	648.3	-86.1	28.2	-11	1
300	-177.1	-2507.1	644.2	-84.6	22.8	-9	1
310	-126.7	-2581.9	666.4	-68.7	15.2	-6	0
320	-73.6	-2567.0	662.4	-31.0	4.0	-2	0
330	-151.0	-2494.6	633.2	-14.4	-8.3	3	-0
340	-397.5	-2528.3	616.9	-67.3	-18.0	7	-1
350	-844.9	-2507.8	602.4	-180.7	-19.1	7	-2

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 0

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-56.8	-97.1	3108	4588	-18.3	-21.2	2	-1	-1144.1	-2278.1	544.2	-258.2	-16.5
5TH	24.67	-29.8	-50.4	1554	2294	-19.2	-22.0	2	-1	-1087.4	-2181.1	489.2	-230.7	-16.2
6TH	37.00	-29.8	-51.6	1554	2294	-19.2	-22.5	2	-1	-1057.5	-2130.7	462.6	-217.5	-16.0
7TH	49.33	-29.7	-52.9	1554	2294	-19.1	-23.1	3	-2	-1027.8	-2079.1	436.6	-204.6	-15.9
8TH	61.67	-29.6	-54.1	1554	2294	-19.1	-23.6	3	-2	-998.1	-2026.2	411.3	-192.1	-15.7
9TH	74.00	-29.5	-55.4	1554	2294	-19.0	-24.1	3	-2	-968.5	-1972.1	386.7	-180.0	-15.5
10TH	86.33	-29.4	-56.7	1554	2294	-18.9	-24.7	4	-2	-938.9	-1916.7	362.7	-168.2	-15.2
11TH	98.67	-29.3	-57.8	1554	2294	-18.9	-25.2	4	-2	-909.5	-1860.0	339.4	-156.8	-15.0
12TH	111.00	-29.3	-59.0	1554	2294	-18.9	-25.7	4	-2	-880.2	-1802.2	316.8	-145.8	-14.7
13TH	123.33	-30.0	-59.7	1554	2294	-19.3	-26.0	4	-2	-850.9	-1743.2	294.9	-135.1	-14.4
14TH	135.67	-30.7	-60.4	1554	2294	-19.7	-26.3	4	-2	-820.9	-1683.5	273.8	-124.8	-14.1
15TH	148.00	-31.3	-61.1	1554	2294	-20.2	-26.6	4	-2	-790.2	-1623.1	253.4	-114.9	-13.7
16TH	160.33	-32.0	-61.8	1554	2294	-20.6	-26.9	5	-2	-758.9	-1562.0	233.8	-105.3	-13.4
17TH	172.67	-32.7	-62.5	1554	2294	-21.0	-27.2	5	-2	-726.9	-1500.2	214.9	-96.2	-13.0
18TH	185.00	-33.3	-63.2	1554	2294	-21.5	-27.5	5	-3	-694.2	-1437.7	196.8	-87.4	-12.7
19TH	197.33	-34.0	-63.9	1554	2294	-21.9	-27.8	5	-3	-660.8	-1374.5	179.4	-79.0	-12.3
20TH	209.67	-34.5	-64.5	1554	2294	-22.2	-28.1	5	-3	-626.8	-1310.6	162.9	-71.1	-11.9
21ST	222.00	-34.8	-64.8	1554	2294	-22.4	-28.3	5	-3	-592.4	-1246.2	147.1	-63.6	-11.5
22ND	234.33	-35.1	-65.2	1554	2294	-22.6	-28.4	5	-3	-557.5	-1181.3	132.1	-56.5	-11.0
23RD	246.67	-35.5	-65.6	1554	2294	-22.8	-28.6	5	-3	-522.4	-1116.1	118.0	-49.8	-10.6
24TH	259.00	-35.8	-65.9	1554	2294	-23.0	-28.7	5	-3	-486.9	-1050.6	104.6	-43.6	-10.1
25TH	271.33	-36.1	-66.3	1554	2294	-23.3	-28.9	5	-3	-451.1	-984.7	92.1	-37.8	-9.7
26TH	283.67	-36.5	-66.6	1554	2294	-23.5	-29.0	5	-3	-415.0	-918.4	80.3	-32.5	-9.3
27TH	296.00	-36.8	-67.0	1554	2294	-23.7	-29.2	5	-3	-378.5	-851.8	69.4	-27.6	-8.8
28TH	308.33	-36.2	-66.8	1554	2294	-23.3	-29.1	6	-3	-341.7	-784.8	59.3	-23.2	-8.3

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-35.5	-66.4	1554	2294	-22.8	-29.0	6	-3	-305.5	-718.0	50.1	-19.2	-7.8
30TH	333.00	-34.8	-66.1	1554	2294	-22.4	-28.8	6	-3	-270.0	-651.5	41.6	-15.6	-7.3
31ST	345.33	-34.1	-65.8	1554	2294	-21.9	-28.7	7	-3	-235.3	-585.4	34.0	-12.5	-6.8
32ND	357.67	-32.7	-65.4	1554	2294	-21.1	-28.5	7	-3	-201.2	-519.7	27.2	-9.8	-6.3
33RD	370.00	-26.3	-65.3	1554	2294	-16.9	-28.5	5	-2	-168.5	-454.3	21.2	-7.5	-5.7
34TH	382.33	-25.0	-64.7	1554	2294	-16.1	-28.2	6	-2	-142.2	-388.9	16.0	-5.6	-5.3
35TH	394.67	-24.1	-62.8	1554	2294	-15.5	-27.4	7	-3	-117.2	-324.2	11.6	-4.0	-4.9
36TH	407.00	-22.9	-58.5	1554	2294	-14.8	-25.5	9	-3	-93.1	-261.4	7.9	-2.7	-4.4
37TH	419.33	-18.8	-50.7	1554	2294	-12.1	-22.1	14	-5	-70.1	-202.9	5.1	-1.7	-3.8
38TH	431.67	-18.2	-50.8	1554	2294	-11.7	-22.1	16	-6	-51.3	-152.3	2.9	-1.0	-3.0
39TH	444.00	-16.8	-51.7	1554	2294	-10.8	-22.5	18	-6	-33.1	-101.5	1.3	-.4	-2.1
40TH	456.33	-16.4	-49.8	2008	2964	-8.2	-16.8	21	-7	-16.4	-49.8	.4	-.1	-1.1
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10		CONFIGURATION C		TOWER CENTER, DATA ON TOWER B		REFERENCE PRESSURE 22.0 PSF		GUST FACTOR 1.32						
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-1270.4	-1848.8	442.1	-292.6	-9.3
5TH	24.67	-54.9	-80.2	3108	4588	-17.7	-17.5	3	-2	-1215.4	-1768.5	397.5	-262.0	-9.0
6TH	37.00	-29.4	-41.4	1554	2294	-18.9	-18.0	2	-2	-1186.0	-1727.2	375.9	-247.2	-8.8
7TH	49.33	-29.9	-42.2	1554	2294	-19.3	-18.4	2	-1	-1156.1	-1685.0	354.9	-232.7	-8.7
8TH	61.67	-30.5	-43.0	1554	2294	-19.6	-18.7	2	-1	-1125.6	-1642.0	334.4	-218.7	-8.6
9TH	74.00	-31.0	-43.8	1554	2294	-20.0	-19.1	2	-1	-1094.6	-1598.2	314.4	-205.0	-8.4
10TH	86.33	-31.6	-44.6	1554	2294	-20.3	-19.4	2	-1	-1063.0	-1553.6	294.9	-191.7	-8.3
11TH	98.67	-32.1	-45.4	1554	2294	-20.7	-19.8	1	-1	-1030.8	-1508.2	276.1	-178.7	-8.2
12TH	111.00	-32.6	-46.1	1554	2294	-20.9	-20.1	1	-1	-998.3	-1462.1	257.7	-166.2	-8.2
13TH	123.33	-33.0	-46.6	1554	2294	-21.3	-20.3	1	-1	-965.2	-1415.5	240.0	-154.1	-8.1
14TH	135.67	-33.9	-47.3	1554	2294	-21.8	-20.6	1	-1	-931.4	-1368.2	222.8	-142.4	-8.0
15TH	148.00	-34.7	-48.1	1554	2294	-22.3	-21.0	1	-1	-896.7	-1320.1	206.3	-131.2	-7.9
16TH	160.33	-35.5	-48.8	1554	2294	-22.9	-21.3	1	-1	-861.2	-1271.3	190.3	-120.3	-7.8
17TH	172.67	-36.3	-49.6	1554	2294	-23.4	-21.6	2	-1	-824.8	-1221.7	174.9	-109.9	-7.7
18TH	185.00	-37.2	-50.3	1554	2294	-23.9	-21.9	2	-1	-787.7	-1171.3	160.2	-100.0	-7.6
19TH	197.33	-38.0	-51.1	1554	2294	-24.4	-22.3	2	-1	-749.7	-1120.2	146.0	-90.5	-7.4
20TH	209.67	-38.8	-51.9	1554	2294	-25.0	-22.6	2	-1	-710.9	-1068.4	132.5	-81.5	-7.3
21ST	222.00	-39.2	-52.5	1554	2294	-25.2	-22.9	2	-2	-671.6	-1015.9	119.7	-73.0	-7.1
22ND	234.33	-39.4	-52.8	1554	2294	-25.4	-23.0	2	-2	-632.2	-963.2	107.5	-64.9	-6.9
23RD	246.67	-39.6	-53.1	1554	2294	-25.5	-23.1	3	-2	-592.6	-910.1	95.9	-57.4	-6.7
24TH	259.00	-39.7	-53.4	1554	2294	-25.6	-23.3	3	-2	-552.9	-856.7	85.0	-50.3	-6.5
25TH	271.33	-39.9	-53.7	1554	2294	-25.7	-23.4	3	-2	-513.0	-803.0	74.8	-43.7	-6.2
26TH	283.67	-40.1	-54.0	1554	2294	-25.8	-23.5	3	-2	-472.9	-749.0	65.2	-37.7	-6.0
27TH	296.00	-40.3	-54.3	1554	2294	-25.9	-23.7	3	-2	-432.6	-694.7	56.3	-32.1	-5.7
28TH	308.33	-40.4	-54.6	1554	2294	-26.0	-23.8	3	-2	-392.2	-640.1	48.1	-27.0	-5.4
		-40.1	-54.5	1554	2294	-25.8	-23.7	4	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-352.1	-585.6	40.5	-22.4	-5.1
30TH	333.00	-39.7	-54.2	1554	2294	-25.6	-23.6	4	-3	-312.4	-531.4	33.6	-18.3	-4.8
31ST	345.33	-39.4	-54.0	1554	2294	-25.3	-23.5	4	-3	-273.0	-477.4	27.4	-14.7	-4.5
32ND	357.67	-39.0	-53.7	1554	2294	-25.1	-23.4	4	-3	-233.9	-423.7	21.9	-11.6	-4.2
33RD	370.00	-37.4	-53.5	1554	2294	-24.1	-23.3	4	-3	-196.5	-370.2	17.0	-8.9	-3.8
34TH	382.33	-30.2	-54.3	1554	2294	-19.4	-23.7	3	-1	-166.3	-315.9	12.7	-6.7	-3.7
35TH	394.67	-28.9	-53.7	1554	2294	-18.6	-23.4	3	-2	-137.4	-262.1	9.2	-4.8	-3.5
36TH	407.00	-27.8	-51.7	1554	2294	-17.9	-22.5	4	-2	-109.7	-210.5	6.2	-3.3	-3.2
37TH	419.33	-26.4	-47.6	1554	2294	-17.0	-20.8	6	-4	-83.3	-162.8	3.9	-2.1	-2.8
38TH	431.67	-21.5	-43.3	1554	2294	-13.9	-18.9	13	-6	-61.7	-119.5	2.2	-1.2	-2.1
39TH	444.00	-20.8	-42.6	1554	2294	-13.4	-18.6	13	-7	-40.9	-76.9	1.0	-.6	-1.4
40TH	456.33	-19.5	-40.3	1554	2294	-12.6	-17.6	14	-7	-21.4	-36.6	.3	-.2	-.7
TOP	472.27	-21.4	-36.6	2008	2964	-10.6	-12.4	14	-8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 20

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-51.9	-64.8	3108	4588	-16.7	-14.1	1	-1	-1256.8	-1332.0	307.7	-292.7	3.0
5TH	24.67	-28.3	-33.2	1554	2294	-18.2	-14.5	1	-0	-1204.9	-1267.2	275.7	-262.3	3.1
6TH	37.00	-29.1	-33.6	1554	2294	-18.7	-14.6	0	-0	-1176.6	-1234.0	260.2	-247.6	3.1
7TH	49.33	-29.8	-34.0	1554	2294	-19.2	-14.8	-0	0	-1147.5	-1200.4	245.2	-233.3	3.1
8TH	61.67	-30.5	-34.4	1554	2294	-19.6	-15.0	-1	0	-1117.7	-1166.4	230.6	-219.3	3.1
9TH	74.00	-31.3	-34.8	1554	2294	-20.1	-15.2	-1	1	-1087.1	-1132.0	216.5	-205.7	3.1
10TH	86.33	-32.0	-35.2	1554	2294	-20.6	-15.3	-1	1	-1055.9	-1097.2	202.7	-192.5	3.0
11TH	98.67	-32.5	-35.3	1554	2294	-20.9	-15.4	-2	1	-1023.9	-1062.0	189.4	-179.7	3.0
12TH	111.00	-32.9	-35.3	1554	2294	-21.2	-15.4	-2	2	-991.4	-1026.7	176.5	-167.3	2.8
13TH	123.33	-33.6	-35.6	1554	2294	-21.6	-15.5	-2	2	-958.5	-991.4	164.1	-155.2	2.7
14TH	135.67	-34.2	-35.9	1554	2294	-22.0	-15.7	-2	2	-924.9	-955.8	152.1	-143.6	2.6
15TH	148.00	-34.9	-36.3	1554	2294	-22.4	-15.8	-2	2	-890.7	-919.9	140.5	-132.4	2.4
16TH	160.33	-35.5	-36.6	1554	2294	-22.8	-16.0	-2	2	-855.9	-883.6	129.4	-121.7	2.3
17TH	172.67	-36.2	-37.0	1554	2294	-23.3	-16.1	-2	2	-820.4	-846.9	118.7	-111.3	2.1
18TH	185.00	-36.8	-37.3	1554	2294	-23.7	-16.3	-2	2	-784.2	-810.0	108.5	-101.4	1.9
19TH	197.33	-37.4	-37.7	1554	2294	-24.1	-16.4	-3	2	-747.4	-772.6	98.7	-92.0	1.8
20TH	209.67	-37.8	-37.9	1554	2294	-24.4	-16.5	-2	2	-710.0	-734.9	89.4	-83.0	1.6
21ST	222.00	-38.1	-38.0	1554	2294	-24.5	-16.6	-2	2	-672.1	-697.0	80.6	-74.5	1.4
22ND	234.33	-38.3	-38.0	1554	2294	-24.7	-16.6	-2	2	-634.0	-659.0	72.2	-66.4	1.2
23RD	246.67	-38.6	-38.1	1554	2294	-24.8	-16.6	-2	2	-595.7	-621.0	64.3	-58.8	1.0
24TH	259.00	-38.8	-38.2	1554	2294	-25.0	-16.6	-2	2	-557.1	-582.9	56.9	-51.7	.9
25TH	271.33	-39.1	-38.2	1554	2294	-25.1	-16.7	-2	2	-518.3	-544.7	50.0	-45.1	.7
26TH	283.67	-39.3	-38.3	1554	2294	-25.3	-16.7	-2	2	-479.3	-506.5	43.5	-38.9	.6
27TH	296.00	-39.5	-38.3	1554	2294	-25.4	-16.7	-1	2	-440.0	-468.2	37.5	-33.3	.5
28TH	308.33	-39.5	-37.8	1554	2294	-25.4	-16.5	-1	1	-400.4	-429.9	31.9	-28.1	.4

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-47.7	-48.1	3108	4588	-15.4	-10.5	1	-1	-1108.8	-882.1	190.9	-262.1	12.8
5TH	24.67	-25.7	-24.9	1554	2294	-16.5	-10.8	-0	0	-1061.0	-834.0	169.7	-235.4	12.9
6TH	37.00	-26.1	-25.3	1554	2294	-16.8	-11.0	-1	1	-1035.4	-809.1	159.6	-222.4	12.9
7TH	49.33	-26.6	-25.7	1554	2294	-17.1	-11.2	-2	2	-1009.3	-783.8	149.7	-209.8	12.8
8TH	61.67	-27.0	-26.1	1554	2294	-17.4	-11.4	-2	2	-982.7	-758.2	140.2	-197.5	12.7
9TH	74.00	-27.5	-26.5	1554	2294	-17.7	-11.6	-3	3	-955.7	-732.1	131.0	-185.6	12.6
10TH	86.33	-27.9	-26.9	1554	2294	-18.0	-11.7	-3	3	-928.2	-705.6	122.2	-174.0	12.5
11TH	98.67	-28.1	-27.0	1554	2294	-18.1	-11.8	-4	4	-900.2	-678.6	113.6	-162.7	12.3
12TH	111.00	-28.4	-27.0	1554	2294	-18.3	-11.8y	-4	5	-872.1	-651.6	105.4	-151.8	12.1
13TH	123.33	-28.7	-26.8	1554	2294	-18.5	-11.7	-5	5	-843.7	-624.6	97.6	-141.2	11.8
14TH	135.67	-29.1	-26.6	1554	2294	-18.7	-11.6	-5	5	-815.0	-597.8	90.0	-131.0	11.6
15TH	148.00	-29.5	-26.4	1554	2294	-19.0	-11.5	-5	6	-785.9	-571.1	82.8	-121.1	11.3
16TH	160.33	-29.8	-26.2	1554	2294	-19.2	-11.4	-6	6	-756.4	-544.7	75.9	-111.6	11.0
17TH	172.67	-30.2	-26.0	1554	2294	-19.4	-11.4	-6	7	-726.6	-518.4	69.4	-102.4	10.6
18TH	185.00	-30.6	-25.9	1554	2294	-19.7	-11.3	-6	7	-696.4	-492.4	63.2	-93.6	10.3
19TH	197.33	-30.9	-25.7	1554	2294	-19.9	-11.2	-6	8	-665.9	-466.5	57.2	-85.2	9.9
20TH	209.67	-31.3	-25.4	1554	2294	-20.1	-11.1	-6	8	-634.9	-440.9	51.6	-77.2	9.5
21ST	222.00	-31.7	-25.1	1554	2294	-20.4	-10.9	-6	8	-603.6	-415.5	46.4	-69.6	9.1
22ND	234.33	-32.0	-24.8	1554	2294	-20.6	-10.8	-6	8	-572.0	-390.4	41.4	-62.3	8.7
23RD	246.67	-32.4	-24.5	1554	2294	-20.8	-10.7	-6	9	-539.9	-365.6	36.7	-55.5	8.2
24TH	259.00	-32.8	-24.1	1554	2294	-21.1	-10.5	-7	9	-507.5	-341.1	32.4	-49.0	7.8
25TH	271.33	-33.1	-23.8	1554	2294	-21.3	-10.4	-7	9	-474.8	-317.0	28.3	-43.0	7.4
26TH	283.67	-33.5	-23.5	1554	2294	-21.5	-10.2	-7	9	-441.7	-293.2	24.6	-37.3	6.9
27TH	296.00	-33.9	-23.2	1554	2294	-21.8	-10.1	-7	10	-408.2	-269.7	21.1	-32.1	6.4
28TH	308.33	-34.4	-22.4	1554	2294	-22.1	-9.8	-7	10	-374.3	-246.5	17.9	-27.2	6.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-35.0	-21.5	1554	2294	-22.5	-9.4	-7	11	-339.9	-224.2	15.0	-22.8	5.5
30TH	333.00	-35.5	-20.6	1554	2294	-22.8	-9.0	-7	12	-305.0	-202.7	12.4	-18.9	5.0
31ST	345.33	-36.1	-19.7	1554	2294	-23.2	-8.6	-7	12	-269.5	-182.1	10.0	-15.3	4.4
32ND	357.67	-35.7	-18.8	1554	2294	-23.0	-8.2	-7	14	-233.4	-162.4	7.9	-12.2	3.8
33RD	370.00	-27.7	-22.3	1554	2294	-17.8	-9.7	-11	14	-197.7	-143.7	6.0	-9.6	3.2
34TH	382.33	-26.6	-21.8	1554	2294	-17.1	-9.5	-11	14	-170.0	-121.4	4.3	-7.3	2.6
35TH	394.67	-25.9	-21.5	1554	2294	-16.7	-9.4	-10	11	-143.4	-99.5	3.0	-5.4	2.0
36TH	407.00	-25.0	-21.1	1554	2294	-16.1	-9.2	-5	5	-117.5	-78.0	1.9	-3.8	1.5
37TH	419.33	-20.5	-22.9	1554	2294	-13.2	-10.0	5	-5	-92.5	-57.0	1.1	-2.5	1.2
38TH	431.67	-22.0	-18.3	1554	2294	14.2	-8.0	-4	5	-72.0	-34.1	.5	-1.4	1.5
39TH	444.00	-22.7	-9.6	1554	2294	-14.6	-4.2	-10	24	-50.0	-15.8	.2	-.7	1.3
40TH	456.33	-27.3	-6.2	2008	2964	-13.6	-2.1	-5	22	-27.3	-6.2	.0	-.2	.6
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 40

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-557.4	-495.6	102.2	-131.1	8.9
5TH	24.67	-38.8	-19.1	3108	4588	-12.5	-4.2	-6	12	-518.6	-476.4	90.2	-117.8	8.3
6TH	37.00	-19.6	-11.3	1554	2294	-12.6	-4.9	-6	10	-499.0	-465.2	84.4	-111.5	8.1
7TH	49.33	-19.0	-12.3	1554	2294	-12.2	-5.3	-6	9	-480.1	-452.9	78.7	-105.5	7.8
8TH	61.67	-18.4	-13.2	1554	2294	-11.8	-5.8	-6	8	-461.7	-439.7	73.2	-99.7	7.6
9TH	74.00	-17.8	-14.2	1554	2294	-11.5	-6.2	-6	7	-443.8	-425.4	67.9	-94.1	7.4
10TH	86.33	-17.3	-15.2	1554	2294	-11.1	-6.6	-5	6	-426.6	-410.2	62.7	-88.7	7.2
11TH	98.67	-16.7	-16.2	1554	2294	-10.7	-7.1	-5	5	-409.9	-394.0	57.7	-83.6	7.1
12TH	111.00	-15.9	-17.0	1554	2294	-10.2	-7.4	-5	5	-394.0	-377.0	53.0	-78.6	6.9
13TH	123.33	-15.1	-17.7	1554	2294	-9.7	-7.7	-5	4	-379.0	-359.3	48.5	-73.8	6.8
14TH	135.67	-14.4	-17.8	1554	2294	-9.2	-7.8	-4	3	-364.6	-341.5	44.1	-69.2	6.7
15TH	148.00	-13.6	-17.8	1554	2294	-8.8	-7.8	-4	3	-351.0	-323.8	40.0	-64.8	6.6
16TH	160.33	-12.9	-17.8	1554	2294	-8.3	-7.8	-3	2	-338.0	-306.0	36.1	-60.6	6.5
17TH	172.67	-12.2	-17.8	1554	2294	-7.9	-7.8	-3	2	-325.8	-288.2	32.5	-56.5	6.4
18TH	185.00	-11.5	-17.8	1554	2294	-7.4	-7.8	-2	2	-314.3	-270.4	29.0	-52.5	6.3
19TH	197.33	-10.8	-17.8	1554	2294	-6.9	-7.8	-2	1	-303.5	-252.6	25.8	-48.7	6.3
20TH	209.67	-10.1	-17.8	1554	2294	-6.5	-7.8	-1	1	-293.5	-234.9	22.8	-45.0	6.2
21ST	222.00	-9.8	-17.6	1554	2294	-6.3	-7.7	-1	1	-283.7	-217.2	20.0	-41.5	6.2
22ND	234.33	-9.7	-17.2	1554	2294	-6.2	-7.5	-2	1	-274.0	-200.1	17.4	-38.1	6.2
23RD	246.67	-9.7	-16.7	1554	2294	-6.2	-7.3	-2	1	-264.3	-183.3	15.1	-34.7	6.1
24TH	259.00	-9.6	-16.3	1554	2294	-6.2	-7.1	-3	1	-254.7	-167.1	12.9	-31.5	6.1
25TH	271.33	-9.5	-15.8	1554	2294	-6.1	-6.9	-3	2	-245.2	-151.3	11.0	-28.4	6.0
26TH	283.67	-9.5	-15.4	1554	2294	-6.1	-6.7	-3	2	-235.7	-135.9	9.2	-25.5	5.9
27TH	296.00	-9.4	-14.9	1554	2294	-6.1	-6.5	-4	3	-226.3	-121.0	7.6	-22.6	5.9
28TH	308.33	-9.4	-14.4	1554	2294	-6.0	-6.3	-4	3	-216.9	-106.6	6.2	-19.9	5.8
		-10.6	-13.5	1554	2294	-6.8	-5.9	-7	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40 CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-11.9	-12.5	1554	2294	-7.7	-5.5	-9	9	-206.3	-93.0	5.0	-17.3	5.6
30TH	333.00	-13.2	-11.5	1554	2294	-8.5	-5.0	-11	12	-194.3	-80.5	3.9	-14.8	5.4
31ST	345.33	-14.5	-10.5	1554	2294	-9.3	-4.6	-12	16	-181.1	-69.0	3.0	-12.5	5.1
32ND	357.67	-15.4	-9.5	1554	2294	-9.9	-4.1	-12	20	-166.6	-58.6	2.2	-10.4	4.7
33RD	370.00	-15.1	-9.0	1554	2294	-9.7	-3.9	-14	23	-151.2	-49.1	1.5	-8.4	4.3
34TH	382.33	-15.5	-9.6	1554	2294	-9.9	-4.2	-15	24	-136.1	-40.1	1.0	-6.6	3.8
35TH	394.67	-16.0	-8.9	1554	2294	-10.3	-3.9	-16	28	-120.7	-30.4	.5	-5.0	3.3
36TH	407.00	-16.5	-6.4	1554	2294	-10.6	-2.8	-13	34	-104.7	-21.5	.2	-3.7	2.7
37TH	419.33	-17.7	-11.5	1554	2294	-11.4	-5.0	-4	5	-88.1	-15.1	-.0	-2.5	2.1
38TH	431.67	-19.4	-9.0	1554	2294	-12.5	-3.9	-7	16	-70.4	-3.6	-.1	-1.5	2.0
39TH	444.00	-21.1	-.6	1554	2294	-13.6	-.3	-1	35	-51.0	5.4	-.1	-.7	1.6
40TH	456.33	-30.0	6.0	2008	2964	-14.9	2.0	5	27	-30.0	6.0	-.0	-.2	.8
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30° CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-33.8	17.8	3108	4588	-10.9	3.9	18	35	-211.7	51.1	2.2	-36.0	18.5
5TH	24.67	-15.4	8.4	1554	2294	-9.9	3.7	20	37	-177.9	33.3	3.3	-31.1	17.0
6TH	37.00	-14.1	8.0	1554	2294	-9.1	3.5	22	38	-162.5	24.9	3.6	-29.0	16.3
7TH	49.33	-12.9	7.7	1554	2294	-8.3	3.4	24	40	-148.4	16.9	3.9	-27.1	15.6
8TH	61.67	-11.6	7.4	1554	2294	-7.5	3.2	26	42	-135.5	9.2	4.0	-25.4	14.9
9TH	74.00	-10.4	7.0	1554	2294	-6.7	3.1	30	44	-123.9	1.8	4.1	-23.8	14.2
10TH	86.33	-9.1	6.7	1554	2294	-5.9	2.9	34	46	-113.6	-5.2	4.1	-22.3	13.5
11TH	98.67	-8.1	5.8	1554	2294	-5.2	2.5	37	51	-104.4	-11.9	4.0	-21.0	12.9
12TH	111.00	-7.2	4.6	1554	2294	-4.6	2.0	39	61	-96.3	-17.7	3.8	-19.7	12.3
13TH	123.33	-6.5	3.6	1554	2294	-4.2	1.6	39	71	-89.2	-22.3	3.6	-18.6	11.7
14TH	135.67	-5.9	2.7	1554	2294	-3.8	1.2	38	83	-82.6	-25.9	3.3	-17.5	11.0
15TH	148.00	-5.3	1.7	1554	2294	-3.4	.8	33	99	-76.7	-28.6	2.9	-16.5	10.5
16TH	160.33	-4.6	.8	1554	2294	-3.0	.3	21	118	-71.5	-30.3	2.6	-15.6	9.9
17TH	172.67	-4.0	-.1	1554	2294	-2.6	-.1	-5	137	-66.9	-31.1	2.2	-14.8	9.3
18TH	185.00	-3.3	-1.1	1554	2294	-2.1	-.5	-47	144	-62.9	-31.0	1.8	-14.0	8.8
19TH	197.33	-2.7	-2.0	1554	2294	-1.7	-.9	-92	123	-59.6	-29.9	1.4	-13.2	8.2
20TH	209.67	-2.2	-2.6	1554	2294	-1.4	-1.2	-113	94	-56.9	-27.9	1.1	-12.5	7.7
21ST	222.00	-1.8	-2.6	1554	2294	-1.2	-1.1	-123	84	-54.7	-25.3	.7	-11.8	7.2
22ND	234.33	-1.4	-2.6	1554	2294	-.9	-1.1	-132	71	-52.8	-22.6	.4	-11.2	6.7
23RD	246.67	-1.0	-2.6	1554	2294	-.6	-1.1	-139	54	-51.4	-20.0	.2	-10.5	6.3
24TH	259.00	-.6	-2.6	1554	2294	-.4	-1.1	-142	33	-50.4	-17.4	-.1	-9.9	5.9
25TH	271.33	-.2	-2.6	1554	2294	-.1	-1.1	-138	11	-49.8	-14.9	-.3	-9.3	5.5
26TH	283.67	.2	-2.5	1554	2294	.1	-1.1	-127	-10	-49.6	-12.3	-.4	-8.7	5.1
27TH	296.00	.6	-2.5	1554	2294	.4	-1.1	-111	-26	-49.8	-9.8	-.6	-8.0	4.8
28TH	308.33	1.0	-2.5	1554	2294	.6	-1.1	-106	-42	-50.4	-7.3	-.7	-7.4	4.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 50														
TABCOR CENTER, DATA ON TOWER B CONFIGURATION C REFERENCE PRESSURE 22.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-51.4	-4.8	-1.7	-6.8	4.2
		1.4	-2.4	1554	2294	.9	-1.0	-99	-57	-52.8	-2.4	-1.8	-6.2	3.9
30TH	333.00					1.1	-1.0	-90	-68	-54.6	-1.1	-1.8	-5.5	3.6
31ST	345.33					1.4	-1.0	-79	-76	-56.7	2.2	-1.8	-4.8	3.2
32ND	357.67					.9	-1.0	-100	-64	-58.2	4.5	-1.7	-4.1	2.9
33RD	370.00					-1.0	-.4	-81	136	-56.6	5.4	-1.7	-3.4	2.6
34TH	382.33					-1.3	-.6	-66	94	-54.6	6.8	-1.6	-2.7	2.3
35TH	394.67					-1.8	-.5	-42	95	-51.9	8.0	-1.5	-2.0	2.0
36TH	407.00					-2.3	.0	2	100	-48.3	7.9	-1.4	-1.4	1.7
37TH	419.33					-5.3	-.9	-6	23	-40.0	10.0	-1.3	-.9	1.5
38TH	431.67					-6.3	-.4	-3	32	-30.2	10.9	-1.2	-.4	1.1
39TH	444.00					-7.4	1.4	11	42	-18.6	7.8	-1.1	-.1	.6
40TH	456.33					-9.3	2.6	12	28					
TOP	472.27									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-33.4	46.3	3108	4588	-10.8	10.1	32	23	-461.4	449.2	-72.3	-127.2	47.7
5TH	24.67	-14.4	23.4	1554	2294	-9.3	10.2	37	23	-428.0	402.9	-61.8	-116.2	45.4
6TH	37.00	-12.7	23.6	1554	2294	-8.2	10.3	41	22	-413.6	379.4	-57.0	-111.0	44.2
7TH	49.33	-11.0	23.8	1554	2294	-7.1	10.4	44	21	-400.9	355.9	-52.4	-106.0	43.0
8TH	61.67	-9.4	23.9	1554	2294	-6.0	10.4	48	19	-389.8	332.1	-48.2	-101.1	41.7
9TH	74.00	-7.7	24.1	1554	2294	-5.0	10.5	51	16	-380.4	308.2	-44.2	-96.4	40.4
10TH	86.33	-6.0	24.3	1554	2294	-3.9	10.6	54	13	-372.7	284.1	-40.6	-91.8	39.0
11TH	98.67	-4.9	23.2	1554	2294	-3.2	10.1	59	12	-366.7	259.8	-37.2	-87.2	37.6
12TH	111.00	-4.2	21.6	1554	2294	-2.7	9.4	66	13	-361.8	236.6	-34.2	-82.7	36.2
13TH	123.33	-5.0	19.7	1554	2294	-3.2	8.6	71	18	-357.6	215.0	-31.4	-78.3	34.7
14TH	135.67	-5.8	17.8	1554	2294	-3.7	7.7	76	25	-352.7	195.3	-28.9	-73.9	33.2
15TH	148.00	-6.6	15.8	1554	2294	-4.2	6.9	80	33	-346.9	177.5	-26.6	-69.6	31.7
16TH	160.33	-7.3	13.9	1554	2294	-4.7	6.1	84	44	-340.3	161.7	-24.5	-65.3	30.2
17TH	172.67	-8.1	12.0	1554	2294	-5.2	5.2	85	58	-333.0	147.8	-22.6	-61.2	28.8
18TH	185.00	-8.9	10.0	1554	2294	-5.7	4.4	83	74	-324.9	135.8	-20.8	-57.1	27.3
19TH	197.33	-9.7	8.1	1554	2294	-6.2	3.5	75	90	-316.0	125.8	-19.2	-53.2	25.8
20TH	209.67	-10.0	6.7	1554	2294	-6.4	2.9	69	103	-306.2	117.7	-17.7	-49.3	24.3
21ST	222.00	-9.9	6.2	1554	2294	-6.3	2.7	67	107	-296.3	111.1	-16.3	-45.6	22.8
22ND	234.33	-9.7	5.7	1554	2294	-6.3	2.5	64	110	-286.4	104.9	-15.0	-42.0	21.3
23RD	246.67	-9.6	5.2	1554	2294	-6.2	2.3	61	113	-276.7	99.2	-13.7	-38.6	19.9
24TH	259.00	-9.5	4.8	1554	2294	-6.1	2.1	58	116	-267.0	93.9	-12.5	-35.2	18.5
25TH	271.33	-9.4	4.3	1554	2294	-6.1	1.9	54	120	-257.5	89.2	-11.4	-32.0	17.1
26TH	283.67	-9.3	3.8	1554	2294	-6.0	1.7	50	123	-248.1	84.9	-10.3	-28.8	15.7
27TH	296.00	-9.2	3.3	1554	2294	-5.9	1.5	46	126	-238.7	81.0	-9.3	-25.8	14.4
28TH	308.33	-9.4	3.0	1554	2294	-6.0	1.3	39	122	-229.5	77.7	-8.3	-23.0	13.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-220.1	74.7	-7.4	-20.2	11.8
30TH	333.00	-9.5	2.6	1554	2294	-6.1	1.1	32	116	-210.6	72.1	-6.5	-17.5	10.6
31ST	345.33	-9.7	2.3	1554	2294	-6.2	1.0	26	110	-200.9	69.8	-5.6	-15.0	9.5
32ND	357.67	-9.9	1.9	1554	2294	-6.4	.8	20	104	-191.0	67.8	-4.7	-12.6	8.4
33RD	370.00	-8.9	1.6	1554	2294	-5.7	.7	20	112	-182.1	66.2	-3.9	-10.3	7.4
34TH	382.33	-16.7	6.1	1554	2294	-10.7	2.7	18	49	-165.4	60.1	-3.1	-8.1	6.5
35TH	394.67	-17.4	6.1	1554	2294	-11.2	2.7	17	48	-148.1	54.0	-2.4	-6.2	5.6
36TH	407.00	-18.5	6.6	1554	2294	-11.9	2.9	16	45	-129.5	47.4	-1.8	-4.5	4.6
37TH	419.33	-19.8	7.5	1554	2294	-12.8	3.3	16	43	-109.7	40.0	-1.3	-3.0	3.6
38TH	431.67	-23.4	5.6	1554	2294	-15.1	2.4	8	32	-86.3	34.4	-.8	-1.8	2.8
39TH	444.00	-24.5	6.5	1554	2294	-15.8	2.9	8	30	-61.8	27.8	-.4	-.9	2.1
40TH	456.33	-25.8	10.2	1554	2294	-16.6	4.5	12	30	-36.0	17.6	-.1	-.3	1.2
TOP	472.27	-36.0	17.6	2008	2964	-17.9	5.9	13	26	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-30.2	50.5	3108	4588	-9.7	11.0	35	21	-705.6	495.6	-79.3	-217.7	56.1
5TH	24.67	-13.5	25.3	1554	2294	-8.7	11.0	38	20	-675.4	445.0	-67.7	-200.7	53.7
6TH	37.00	-12.0	25.4	1554	2294	-7.7	11.1	41	19	-661.9	419.7	-62.3	-192.5	52.5
7TH	49.33	-10.5	25.4	1554	2294	-6.8	11.1	44	18	-649.9	394.3	-57.3	-184.4	51.2
8TH	61.67	-9.0	25.4	1554	2294	-5.8	11.1	47	17	-639.4	369.0	-52.6	-176.4	49.9
9TH	74.00	-7.6	25.5	1554	2294	-4.9	11.1	49	15	-630.3	343.5	-48.2	-168.6	48.5
10TH	86.33	-6.1	25.5	1554	2294	-3.9	11.1	52	12	-622.8	318.1	-44.1	-160.9	47.2
11TH	98.67	-4.9	24.5	1554	2294	-3.2	10.7	56	11	-616.7	292.6	-40.4	-153.2	45.8
12TH	111.00	-4.2	23.1	1554	2294	-2.7	10.1	62	11	-611.8	268.0	-36.9	-145.7	44.3
13TH	123.33	-5.2	21.5	1554	2294	-3.3	9.4	66	16	-607.5	244.9	-33.7	-138.1	42.9
14TH	135.67	-6.2	19.8	1554	2294	-4.0	8.6	71	22	-602.4	223.5	-30.9	-130.7	41.4
15TH	148.00	-7.2	18.1	1554	2294	-4.6	7.9	75	30	-596.2	203.7	-28.2	-123.3	39.8
16TH	160.33	-8.2	16.4	1554	2294	-5.2	7.2	78	39	-589.0	185.6	-25.8	-116.0	38.3
17TH	172.67	-9.1	14.8	1554	2294	-5.9	6.4	80	49	-580.8	169.1	-23.6	-108.8	36.7
18TH	185.00	-10.1	13.1	1554	2294	-6.5	5.7	79	61	-571.7	154.4	-21.6	-101.7	35.0
19TH	197.33	-11.1	11.4	1554	2294	-7.2	5.0	76	74	-561.6	141.3	-19.8	-94.7	33.4
20TH	209.67	-12.0	10.0	1554	2294	-7.8	4.4	70	84	-550.5	129.8	-18.1	-87.8	31.7
21ST	222.00	-12.9	9.2	1554	2294	-8.3	4.0	62	87	-538.4	119.8	-16.6	-81.1	30.0
22ND	234.33	-13.8	8.4	1554	2294	-8.9	3.7	54	89	-525.5	110.6	-15.2	-74.5	28.3
23RD	246.67	-14.7	7.5	1554	2294	-9.5	3.3	46	90	-511.7	102.2	-13.9	-68.1	26.6
24TH	259.00	-15.6	6.7	1554	2294	-10.0	2.9	39	90	-496.9	94.7	-12.7	-61.9	24.9
25TH	271.33	-16.5	5.9	1554	2294	-10.6	2.6	32	88	-481.4	88.0	-11.5	-55.9	23.2
26TH	283.67	-17.4	5.1	1554	2294	-11.2	2.2	25	86	-464.9	82.1	-10.5	-50.1	21.6
27TH	296.00	-18.2	4.2	1554	2294	-11.7	1.8	19	84	-447.5	77.0	-9.5	-44.4	20.0
28TH	308.33	-19.9	3.1	1554	2294	-12.8	1.3	12	76	-429.3	72.8	-8.6	-39.0	18.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-409.4	69.7	-7.7	-33.8	16.8
30TH	333.00	-21.6	1.8	1554	2294	-13.9	.8	6	67	-387.7	67.9	-6.9	-28.9	15.3
31ST	345.33	-23.4	.5	1554	2294	-15.0	.2	1	59	-364.3	67.3	-6.0	-24.3	14.0
32ND	357.67	-25.1	-.7	1554	2294	-16.2	-.3	-1	52	-339.2	68.1	-5.2	-20.0	12.7
33RD	370.00	-25.8	-2.0	1554	2294	-16.6	-.9	-4	47	-313.5	70.1	-4.3	-15.9	11.4
34TH	382.33	-35.7	5.2	1554	2294	-23.0	2.3	6	39	-277.8	64.8	-3.5	-12.3	10.0
35TH	394.67	-37.8	5.2	1554	2294	-24.3	2.3	5	37	-240.0	59.6	-2.7	-9.1	8.6
36TH	407.00	-39.8	5.2	1554	2294	-25.6	2.3	5	35	-200.2	54.4	-2.0	-6.4	7.2
37TH	419.33	-41.6	5.2	1554	2294	-26.8	2.3	4	33	-158.6	49.1	-1.4	-4.2	5.8
38TH	431.67	-37.9	9.0	1554	2294	-24.4	3.9	8	35	-120.7	40.1	-.8	-2.4	4.4
39TH	444.00	-37.1	11.1	1554	2294	-23.9	4.8	10	34	-83.6	29.1	-.4	-1.2	3.0
40TH	456.33	-36.6	12.4	1554	2294	-23.5	5.4	11	32	-47.0	16.7	-.1	-.4	1.7
TOP	472.27	-47.0	16.7	2008	2964	-23.4	5.6	11	32	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-732.7	493.7	-66.2	-224.8	51.6
5TH	24.67	-26.8	60.7	3108	4588	-8.6	13.2	36	16	-705.8	433.0	-54.8	-207.1	49.0
6TH	37.00	-12.0	29.9	1554	2294	-7.7	13.0	39	16	-693.8	403.2	-49.6	-198.5	47.7
7TH	49.33	-10.9	29.6	1554	2294	-7.0	12.9	40	15	-682.9	373.6	-44.8	-190.0	46.3
8TH	61.67	-9.9	29.3	1554	2294	-6.3	12.8	41	14	-673.0	344.3	-40.4	-181.6	45.0
9TH	74.00	-8.8	29.0	1554	2294	-5.7	12.6	43	13	-664.2	315.2	-36.4	-173.4	43.6
10TH	86.33	-7.7	28.7	1554	2294	-5.0	12.5	44	12	-656.5	286.5	-32.6	-165.2	42.2
11TH	98.67	-6.6	28.4	1554	2294	-4.3	12.4	46	11	-649.9	258.1	-29.3	-157.2	40.8
12TH	111.00	-6.0	27.0	1554	2294	-3.9	11.8	49	11	-643.9	231.1	-26.3	-149.2	39.5
13TH	123.33	-5.7	25.0	1554	2294	-3.7	10.9	53	12	-638.1	206.0	-23.6	-141.3	38.1
14TH	135.67	-6.5	22.9	1554	2294	-4.2	10.0	57	16	-631.7	183.1	-21.2	-133.4	36.6
15TH	148.00	-7.2	20.8	1554	2294	-4.6	9.1	61	21	-624.5	162.3	-19.0	-125.7	35.2
16TH	160.33	-8.0	18.7	1554	2294	-5.1	8.2	65	28	-616.5	143.6	-17.2	-118.0	33.8
17TH	172.67	-8.7	16.6	1554	2294	-5.6	7.2	68	36	-607.8	127.0	-15.5	-110.5	32.4
18TH	185.00	-9.4	14.5	1554	2294	-6.1	6.3	70	46	-598.4	112.5	-14.0	-103.1	30.9
19TH	197.33	-10.2	12.3	1554	2294	-6.6	5.4	70	58	-588.2	100.2	-12.7	-95.7	29.5
20TH	209.67	-10.9	10.2	1554	2294	-7.0	4.5	67	72	-577.3	90.0	-11.5	-88.6	28.0
21ST	222.00	-12.1	8.5	1554	2294	-7.8	3.7	57	81	-565.2	81.4	-10.5	-81.5	26.5
22ND	234.33	-13.5	7.8	1554	2294	-8.7	3.4	46	81	-551.6	73.7	-9.5	-74.6	25.1
23RD	246.67	-14.9	7.0	1554	2294	-9.6	3.0	37	78	-536.7	66.7	-8.6	-67.9	23.6
24TH	259.00	-16.4	6.2	1554	2294	-10.5	2.7	28	75	-520.3	60.6	-7.9	-61.4	22.2
25TH	271.33	-17.8	5.4	1554	2294	-11.5	2.3	22	71	-502.5	55.2	-7.2	-55.1	20.9
26TH	283.67	-19.2	4.6	1554	2294	-12.4	2.0	16	67	-483.3	50.6	-6.5	-49.0	19.5
27TH	296.00	-20.7	3.8	1554	2294	-13.3	1.7	12	63	-462.6	46.8	-5.9	-43.2	18.2
28TH	308.33	-22.1	3.0	1554	2294	-14.2	1.3	8	59	-440.6	43.8	-5.3	-37.6	16.8
		-24.3	2.1	1554	2294	-15.6	.9	4	52					

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-26.6	1.1	1554	2294	-17.1	.5	2	47	-416.3	41.8	-4.8	-32.3	15.5
30TH	333.00	-28.8	.1	1554	2294	-18.6	.0	0	42	-389.7	40.7	-4.3	-27.3	14.3
31ST	345.33	-31.1	-.9	1554	2294	-20.0	-.4	-1	37	-360.9	40.6	-3.8	-22.7	13.1
32ND	357.67	-31.6	-1.9	1554	2294	-20.4	-.8	-2	37	-329.8	41.6	-3.3	-18.5	11.9
33RD	370.00	-36.0	1.9	1554	2294	-23.2	.8	2	37	-298.1	43.5	-2.8	-14.6	10.8
34TH	382.33	-38.0	2.2	1554	2294	-24.4	1.0	2	36	-262.1	41.6	-2.2	-11.1	9.4
35TH	394.67	-40.0	2.7	1554	2294	-25.8	1.2	2	34	-224.1	39.4	-1.7	-8.1	8.0
36TH	407.00	-41.8	3.0	1554	2294	-26.9	1.3	2	33	-184.1	36.7	-1.3	-5.6	6.7
37TH	419.33	-36.4	7.9	1554	2294	-23.4	3.4	8	36	-142.3	33.7	-.8	-3.6	5.3
38TH	431.67	-34.6	9.5	1554	2294	-22.3	4.1	10	36	-105.9	25.9	-.5	-2.1	3.9
39TH	444.00	-32.7	8.4	1554	2294	-21.0	3.7	9	34	-71.2	16.4	-.2	-1.0	2.6
40TH	456.33	-38.6	8.0	1554	2294	-21.0	3.7	9	34	-38.6	8.0	-.1	-.3	1.4
TOP	472.27			2008	2964	-19.2	2.7	7	34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-10.8	30.1	3108	4588	-3.5	6.6	42	15	-508.1	277.7	-40.9	-164.1	34.9
5TH	24.67	-5.0	14.9	1554	2294	-3.2	6.5	42	14	-497.3	247.7	-34.4	-151.7	33.5
6TH	37.00	-4.5	14.8	1554	2294	-2.9	6.5	43	13	-492.3	232.8	-31.5	-145.6	32.8
7TH	49.33	-4.0	14.7	1554	2294	-2.6	6.4	43	12	-487.7	218.0	-28.7	-139.6	32.1
8TH	61.67	-3.6	14.6	1554	2294	-2.3	6.4	43	11	-483.7	203.3	-26.1	-133.6	31.4
9TH	74.00	-3.1	14.6	1554	2294	-2.0	6.4	44	9	-480.2	188.6	-23.7	-127.6	30.8
10TH	86.33	-2.6	14.5	1554	2294	-1.7	6.3	44	8	-477.1	174.1	-21.4	-121.7	30.1
11TH	98.67	-2.2	14.0	1554	2294	-1.4	6.1	46	7	-474.5	159.6	-19.4	-115.9	29.4
12TH	111.00	-1.9	13.3	1554	2294	-1.2	5.8	48	7	-472.4	145.5	-17.5	-110.0	28.8
13TH	123.33	-1.8	12.4	1554	2294	-1.8	5.4	52	12	-470.4	132.2	-15.8	-104.2	28.1
14TH	135.67	-3.6	11.5	1554	2294	-2.3	5.0	57	18	-467.7	119.8	-14.2	-98.4	27.5
15TH	148.00	-4.5	10.6	1554	2294	-2.9	4.6	60	26	-464.0	108.3	-12.8	-92.7	26.7
16TH	160.33	-5.3	9.6	1554	2294	-3.4	4.2	63	35	-459.5	97.8	-11.5	-87.0	26.0
17TH	172.67	-6.2	8.7	1554	2294	-4.0	3.8	63	45	-454.2	88.2	-10.4	-81.4	25.2
18TH	185.00	-7.0	7.8	1554	2294	-4.5	3.4	61	55	-448.0	79.5	-9.4	-75.8	24.4
19TH	197.33	-7.9	6.8	1554	2294	-5.1	3.0	56	65	-441.0	71.7	-8.4	-70.3	23.5
20TH	209.67	-9.1	6.0	1554	2294	-5.9	2.6	47	71	-433.1	64.9	-7.6	-64.9	22.6
21ST	222.00	-10.6	5.4	1554	2294	-6.8	2.4	38	74	-424.0	58.9	-6.8	-59.6	21.7
22ND	234.33	-12.1	4.8	1554	2294	-7.8	2.1	29	74	-413.4	53.4	-6.1	-54.5	20.7
23RD	246.67	-13.6	4.2	1554	2294	-8.8	1.8	23	73	-401.3	48.6	-5.5	-49.4	19.7
24TH	259.00	-15.1	3.6	1554	2294	-9.7	1.6	17	71	-387.6	44.4	-4.9	-44.6	18.6
25TH	271.33	-16.6	3.0	1554	2294	-10.7	1.3	13	69	-372.5	40.8	-4.4	-39.9	17.4
26TH	283.67	-18.1	2.4	1554	2294	-11.7	1.1	9	67	-355.8	37.8	-3.9	-35.4	16.2
27TH	296.00	-19.6	1.8	1554	2294	-12.6	.8	6	66	-337.7	35.3	-3.5	-31.1	15.0
28TH	308.33	-20.2	1.6	1554	2294	-13.0	.7	5	63	-318.1	33.5	-3.0	-27.1	13.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON TOWER B
WIND DIRECTION 90 CONFIGURATION C REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-20.9	1.4	1554	2294	-13.4	.6	4	60	-297.9	31.9	-2.6	-23.3	12.4
30TH	333.00	-21.5	1.3	1554	2294	-13.9	.6	3	56	-277.0	30.5	-2.3	-19.7	11.2
31ST	345.33	-22.2	1.1	1554	2294	-14.3	.5	3	53	-255.4	29.2	-1.9	-16.5	9.9
32ND	357.67	-20.6	1.0	1554	2294	-13.2	.4	3	60	-233.2	28.1	-1.5	-13.4	8.8
33RD	370.00	-26.0	2.2	1554	2294	-16.7	1.0	3	39	-212.7	27.1	-1.2	-10.7	7.5
34TH	382.33	-26.2	2.6	1554	2294	-16.9	1.1	4	39	-186.7	24.9	-.9	-8.2	6.5
35TH	394.67	-26.6	3.3	1554	2294	-17.1	1.4	5	39	-160.5	22.3	-.6	-6.1	5.5
36TH	407.00	-26.9	3.9	1554	2294	-17.3	1.7	6	38	-133.9	19.0	-.3	-4.3	4.4
37TH	419.33	-25.2	7.2	1554	2294	-16.2	3.2	10	34	-106.9	15.1	-.1	-2.8	3.4
38TH	431.67	-25.8	8.2	1554	2294	-16.6	3.6	10	30	-81.8	7.9	.0	-1.6	2.5
39TH	444.00	-25.7	4.4	1554	2294	-16.5	1.9	5	28	-56.0	-.4	.1	-.8	1.6
40TH	456.33	-30.3	-4.7	2008	2964	-15.1	-1.6	-4	28	-30.3	-4.7	.0	-.2	.9
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-7.9	21.0	3108	4588	-2.5	4.6	42	16	-554.1	294.4	-54.2	-180.6	35.3
5TH	24.67	-4.0	11.2	1554	2294	-2.6	4.9	42	15	-546.2	273.4	-47.2	-167.0	34.2
6TH	37.00	-3.7	11.6	1554	2294	-2.4	5.1	42	13	-542.2	262.2	-43.9	-160.3	33.7
7TH	49.33	-3.4	12.1	1554	2294	-2.2	5.3	42	12	-538.5	250.6	-40.7	-153.6	33.2
8TH	61.67	-3.1	12.6	1554	2294	-2.0	5.5	42	10	-535.1	238.4	-37.7	-147.0	32.6
9TH	74.00	-2.8	13.1	1554	2294	-1.8	5.7	42	9	-531.9	225.8	-34.9	-140.4	32.1
10TH	86.33	-2.5	13.6	1554	2294	-1.6	5.9	42	8	-529.1	212.7	-32.2	-133.9	31.5
11TH	98.67	-2.3	13.6	1554	2294	-1.5	5.9	44	8	-526.6	199.2	-29.6	-127.4	30.9
12TH	111.00	-2.4	13.3	1554	2294	-1.5	5.8	46	8	-524.2	185.6	-27.2	-120.9	30.3
13TH	123.33	-3.4	12.6	1554	2294	-2.2	5.5	50	14	-521.9	172.2	-25.0	-114.4	29.6
14TH	135.67	-4.5	11.8	1554	2294	-2.9	5.2	54	20	-518.4	159.6	-23.0	-108.0	29.0
15TH	148.00	-5.6	11.1	1554	2294	-3.6	4.8	56	28	-513.9	147.8	-21.1	-101.7	28.2
16TH	160.33	-6.7	10.3	1554	2294	-4.3	4.5	57	37	-508.3	136.7	-19.3	-95.4	27.5
17TH	172.67	-7.8	9.5	1554	2294	-5.0	4.1	55	45	-501.7	126.5	-17.7	-89.1	26.6
18TH	185.00	-8.8	8.7	1554	2294	-5.7	3.8	52	53	-493.9	117.0	-16.2	-83.0	25.8
19TH	197.33	-9.9	7.9	1554	2294	-6.4	3.5	48	60	-485.1	108.2	-14.8	-77.0	24.8
20TH	209.67	-11.2	7.2	1554	2294	-7.2	3.1	41	64	-475.2	100.3	-13.5	-71.0	23.9
21ST	222.00	-12.6	6.4	1554	2294	-8.1	2.8	33	65	-464.0	93.1	-12.4	-65.2	22.8
22ND	234.33	-14.0	5.6	1554	2294	-9.0	2.4	26	65	-451.4	86.8	-11.2	-59.6	21.8
23RD	246.67	-15.5	4.7	1554	2294	-10.0	2.1	19	63	-437.3	81.2	-10.2	-54.1	20.8
24TH	259.00	-16.9	3.9	1554	2294	-10.9	1.7	14	61	-421.8	76.5	-9.2	-48.8	19.7
25TH	271.33	-18.3	3.1	1554	2294	-11.8	1.4	10	59	-404.9	72.5	-8.3	-43.7	18.6
26TH	283.67	-19.8	2.3	1554	2294	-12.7	1.0	7	56	-386.6	69.4	-7.4	-38.8	17.5
27TH	296.00	-21.1	1.5	1554	2294	-13.6	.7	4	54	-366.9	67.1	-6.6	-34.2	16.4
28TH	308.33	-21.8	1.8	1554	2294	-14.1	.8	4	53	-345.7	65.5	-5.8	-29.8	15.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-22.5	2.4	1554	2294	-14.5	1.1	6	53	-323.9	63.7	-5.0	-25.7	14.1
30TH	333.00	-23.2	3.0	1554	2294	-15.0	1.3	7	53	-301.3	61.3	-4.2	-21.8	12.8
31ST	345.33	-23.9	3.6	1554	2294	-15.4	1.6	8	52	-278.1	58.3	-3.5	-18.2	11.6
32ND	357.67	-22.0	4.2	1554	2294	-14.2	1.8	11	60	-254.2	54.6	-2.8	-15.0	10.3
33RD	370.00	-27.0	5.0	1554	2294	-17.4	2.2	8	42	-232.1	50.4	-2.1	-12.0	9.0
34TH	382.33	-26.7	5.6	1554	2294	-17.2	2.5	9	44	-205.1	45.5	-1.5	-9.3	7.8
35TH	394.67	-27.7	7.0	1554	2294	-17.8	3.1	11	42	-178.4	39.8	-1.0	-6.9	6.6
36TH	407.00	-28.6	7.9	1554	2294	-18.4	3.4	11	41	-150.8	32.8	-.6	-4.9	5.3
37TH	419.33	-28.1	11.9	1554	2294	-18.1	5.2	14	34	-122.1	24.9	-.2	-3.2	4.1
38TH	431.67	-30.0	13.0	1554	2294	-19.3	5.7	13	29	-94.1	13.0	.0	-1.8	2.9
39TH	444.00	-30.3	7.1	1554	2294	-19.5	3.1	7	28	-64.1	.0	.1	-.9	1.9
40TH	456.33	-33.8	-7.1	2008	2964	-16.8	-2.4	-6	28	-33.8	-7.1	.1	-.3	1.0
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

LABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-10.6	14.0	3108	4588	-3.4	3.0	40	31	-528.7	391.2	-97.9	-162.3	45.7
5TH	24.67	-6.1	7.7	1554	2294	-3.9	3.4	39	31	-518.1	377.2	-88.4	-149.3	44.8
6TH	37.00	-5.9	8.3	1554	2294	-3.8	3.6	42	30	-512.0	369.5	-83.8	-143.0	44.3
7TH	49.33	-5.7	8.8	1554	2294	-3.7	3.9	46	29	-506.1	361.2	-79.3	-136.7	43.8
8TH	61.67	-5.5	9.4	1554	2294	-3.5	4.1	49	28	-500.4	352.4	-74.9	-130.5	43.2
9TH	74.00	-5.3	10.0	1554	2294	-3.4	4.4	51	27	-494.8	342.9	-70.6	-124.4	42.6
10TH	86.33	-5.1	10.6	1554	2294	-3.3	4.6	54	26	-489.5	332.9	-66.5	-118.3	41.9
11TH	98.67	-5.1	10.5	1554	2294	-3.3	4.6	58	28	-484.4	322.4	-62.4	-112.3	41.2
12TH	111.00	-5.2	10.0	1554	2294	-3.4	4.4	63	33	-479.3	311.9	-58.5	-106.3	40.5
13TH	123.33	-6.1	9.7	1554	2294	-4.0	4.2	64	41	-474.1	301.8	-54.7	-100.5	39.7
14TH	135.67	-7.1	9.4	1554	2294	-4.5	4.1	64	48	-468.0	292.1	-51.1	-94.7	38.8
15TH	148.00	-8.0	9.1	1554	2294	-5.1	4.0	63	55	-460.9	282.7	-47.5	-88.9	37.8
16TH	160.33	-8.9	8.8	1554	2294	-5.7	3.8	61	62	-452.9	273.5	-44.1	-83.3	36.8
17TH	172.67	-9.8	8.5	1554	2294	-6.3	3.7	58	67	-444.0	264.7	-40.8	-77.8	35.7
18TH	185.00	-10.7	8.2	1554	2294	-6.9	3.6	55	72	-434.2	256.2	-37.6	-72.4	34.6
19TH	197.33	-11.7	7.9	1554	2294	-7.5	3.5	52	76	-423.4	248.0	-34.5	-67.1	33.3
20TH	209.67	-12.4	7.9	1554	2294	-8.0	3.4	50	79	-411.8	240.0	-31.4	-61.9	32.0
21ST	222.00	-13.0	8.4	1554	2294	-8.4	3.7	50	78	-399.4	232.2	-28.5	-56.9	30.7
22ND	234.33	-13.7	8.9	1554	2294	-8.8	3.9	50	77	-386.3	223.8	-25.7	-52.1	29.2
23RD	246.67	-14.3	9.4	1554	2294	-9.2	4.1	50	76	-372.7	214.9	-23.0	-47.4	27.7
24TH	259.00	-14.9	9.9	1554	2294	-9.6	4.3	49	75	-358.4	205.5	-20.4	-42.9	26.2
25TH	271.33	-15.5	10.4	1554	2294	-10.0	4.5	49	74	-343.5	195.6	-18.0	-38.5	24.6
26TH	283.67	-16.2	10.9	1554	2294	-10.4	4.7	49	73	-328.0	185.3	-15.6	-34.4	22.9
27TH	296.00	-16.8	11.4	1554	2294	-10.8	5.0	49	72	-311.8	174.4	-13.4	-30.5	21.2
28TH	308.33	-16.7	12.1	1554	2294	-10.8	5.3	52	72	-295.0	163.0	-11.3	-26.7	19.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-16.7	12.8	1554	2294	-10.7	5.6	55	72	-278.3	151.0	-9.4	-23.2	17.6
30TH	333.00	-16.6	13.6	1554	2294	-10.7	5.9	59	72	-261.6	138.2	-7.6	-19.9	15.7
31ST	345.33	-16.6	14.3	1554	2294	-10.7	6.3	62	71	-245.0	124.6	-6.0	-16.7	13.7
32ND	357.67	-11.9	15.1	1554	2294	-7.7	6.6	91	72	-228.4	110.2	-4.5	-13.8	11.6
33RD	370.00	-26.4	13.6	1554	2294	-17.0	5.9	22	43	-216.4	95.1	-3.3	-11.1	9.4
34TH	382.33	-25.8	14.9	1554	2294	-16.6	6.3	24	42	-190.0	81.5	-2.2	-8.6	8.0
35TH	394.67	-25.6	16.7	1554	2294	-16.5	7.3	25	39	-164.3	66.6	-1.2	-6.4	6.5
36TH	407.00	-25.6	18.0	1554	2294	-16.5	7.8	26	37	-138.6	50.0	-1.5	-4.5	5.1
37TH	419.33	-25.9	19.9	1554	2294	-16.6	8.7	22	29	-113.0	32.0	-1.0	-3.0	3.7
38TH	431.67	-27.5	19.2	1554	2294	-17.7	8.4	17	24	-87.2	12.1	.2	-1.7	2.5
39TH	444.00	-27.8	9.3	1554	2294	-17.9	4.1	8	25	-59.7	-7.2	.3	-.8	1.6
40TH	456.33	-31.9	-16.5	2008	2964	-15.9	-5.6	-10	20	-31.9	-16.5	.1	-.3	.8
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. ~~5~~ AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B
WIND DIRECTION 120 CONFIGURATION C REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-400.8	477.1	-132.4	-124.5	47.6
5TH	24.67	-1.8	11.5	3108	4580	-1.6	2.5	68	11	-399.0	465.6	-120.8	-114.7	46.8
6TH	37.00	-2.8	5.9	1554	2294	-1.8	2.6	58	27	-396.1	459.7	-115.1	-109.8	46.4
7TH	49.33	-3.2	6.2	1554	2294	-2.0	2.7	57	29	-393.0	453.4	-109.5	-104.9	45.9
8TH	61.67	-3.5	6.5	1554	2294	-2.3	2.8	57	31	-389.4	446.9	-103.9	-100.1	45.4
9TH	74.00	-3.9	6.8	1554	2294	-2.5	3.0	56	32	-385.5	440.1	-98.4	-95.3	44.9
10TH	86.33	-4.3	7.1	1554	2294	-2.7	3.1	55	33	-381.3	433.0	-93.1	-90.6	44.4
11TH	98.67	-4.6	7.4	1554	2294	-3.0	3.2	55	34	-376.6	425.6	-87.8	-85.9	43.8
12TH	111.00	-4.8	7.4	1554	2294	-3.1	3.2	58	37	-371.9	418.2	-82.6	-81.3	43.2
13TH	123.33	-4.9	7.3	1554	2294	-3.2	3.2	62	41	-366.9	410.8	-77.5	-76.7	42.6
14TH	135.67	-5.6	7.9	1554	2294	-3.6	3.4	64	45	-361.3	403.0	-72.4	-72.2	41.8
15TH	148.00	-6.3	8.5	1554	2294	-4.1	3.7	65	49	-355.0	394.5	-67.5	-67.8	40.9
16TH	160.33	-7.0	9.1	1554	2294	-4.5	4.0	67	51	-348.0	385.4	-62.7	-63.5	40.0
17TH	172.67	-7.7	9.7	1554	2294	-4.9	4.2	68	54	-340.3	375.7	-58.0	-59.2	38.9
18TH	185.00	-8.4	10.3	1554	2294	-5.4	4.5	69	56	-332.0	365.4	-53.4	-55.1	37.7
19TH	197.33	-9.1	10.9	1554	2294	-5.8	4.8	69	58	-322.9	354.5	-49.0	-51.0	36.4
20TH	209.67	-9.8	11.5	1554	2294	-6.3	5.0	70	59	-313.1	343.0	-44.7	-47.1	35.1
21ST	222.00	-10.3	12.1	1554	2294	-6.6	5.3	71	60	-302.9	330.9	-40.5	-43.3	33.6
22ND	234.33	-10.7	12.7	1554	2294	-6.9	5.6	73	61	-292.2	318.1	-36.5	-39.6	32.0
23RD	246.67	-11.1	13.4	1554	2294	-7.1	5.8	74	62	-281.1	304.7	-32.7	-36.1	30.3
24TH	259.00	-11.5	14.0	1554	2294	-7.4	6.1	76	62	-269.5	290.8	-29.0	-32.7	28.5
25TH	271.33	-11.9	14.6	1554	2294	-7.7	6.4	77	63	-257.6	276.1	-25.5	-29.5	26.7
26TH	283.67	-12.4	15.2	1554	2294	-7.9	6.6	78	63	-245.2	260.9	-22.2	-26.4	24.7
27TH	296.00	-12.8	15.9	1554	2294	-8.2	6.9	79	64	-232.5	245.1	-19.1	-23.4	22.6
28TH	308.33	-13.2	16.5	1554	2294	-8.5	7.2	80	64	-219.3	228.6	-16.2	-20.6	20.5
		-12.0	17.2	1554	2294	-7.7	7.5	87	61					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-10.8	17.9	1554	2294	-7.0	7.8	94	57	-207.3	211.4	-13.5	-18.0	18.2
30TH	333.00	-9.6	18.6	1554	2294	-6.2	8.1	100	52	-196.5	193.5	-11.0	-15.5	16.0
31ST	345.33	-8.4	19.3	1554	2294	-5.4	8.4	105	46	-186.9	174.9	-8.7	-13.1	13.6
32ND	357.67	-2.9	20.0	1554	2294	-1.9	8.7	123	18	-178.5	155.6	-6.7	-10.9	11.2
33RD	370.00	-22.9	19.6	1554	2294	-14.7	8.6	32	37	-175.6	135.6	-4.9	-8.7	8.7
34TH	382.33	-22.5	21.3	1554	2294	-14.5	9.3	32	34	-152.7	116.0	-3.3	-6.7	7.2
35TH	394.67	-22.0	23.2	1554	2294	-14.1	10.1	32	30	-130.1	94.6	-2.0	-4.9	5.8
36TH	407.00	-21.4	25.0	1554	2294	-13.8	10.9	32	27	-108.1	71.5	-1.0	-3.5	4.3
37TH	419.33	-20.3	25.9	1554	2294	-13.1	11.3	26	20	-86.7	46.5	-.3	-2.3	3.0
38TH	431.67	-20.7	24.1	1554	2294	-13.3	10.5	19	16	-66.4	20.6	.1	-1.3	1.9
39TH	444.00	-20.6	12.9	1554	2294	-13.3	5.6	12	19	-45.7	-3.5	.3	-.6	1.1
40TH	456.33	-25.1	-16.4	2008	2964	-12.5	-5.5	-10	16	-25.1	-16.4	.1	-.2	.6
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	1.5	15.0	3108	4588	.5	3.3	50	-5	-70.2	470.2	-130.1	-24.9	31.2
5TH	24.67	-.4	7.6	1554	2294	-.2	3.3	50	2	-71.7	455.2	-118.7	-23.2	30.4
6TH	37.00	-.4	7.7	1554	2294	-.3	3.4	50	3	-71.3	447.7	-113.1	-22.3	30.1
7TH	49.33	-.5	7.9	1554	2294	-.3	3.4	51	3	-70.9	439.9	-107.6	-21.4	29.7
8TH	61.67	-.5	8.1	1554	2294	-.3	3.5	51	3	-70.4	432.0	-102.2	-20.5	29.3
9TH	74.00	-.6	8.3	1554	2294	-.4	3.6	52	4	-69.9	423.9	-97.0	-19.7	28.8
10TH	86.33	-.6	8.4	1554	2294	-.4	3.7	52	4	-69.3	415.7	-91.8	-18.8	28.4
11TH	98.67	-.5	8.4	1554	2294	-.3	3.7	56	3	-68.7	407.2	-86.7	-17.9	28.0
12TH	111.00	-.3	8.3	1554	2294	-.2	3.6	60	2	-68.2	398.8	-81.7	-17.1	27.5
13TH	123.33	-.5	8.5	1554	2294	-.3	3.7	65	4	-67.9	390.6	-76.9	-16.3	27.0
14TH	135.67	-.7	8.7	1554	2294	-.5	3.8	69	6	-67.4	382.1	-72.1	-15.4	26.4
15TH	148.00	-.9	8.9	1554	2294	-.6	3.9	73	8	-66.7	373.4	-67.4	-14.6	25.8
16TH	160.33	-1.1	9.1	1554	2294	-.7	4.0	77	9	-65.8	364.5	-62.9	-13.8	25.2
17TH	172.67	-1.3	9.4	1554	2294	-.8	4.1	80	11	-64.6	355.4	-58.5	-13.0	24.5
18TH	185.00	-1.5	9.6	1554	2294	-1.0	4.2	83	13	-63.3	346.0	-54.1	-12.2	23.7
19TH	197.33	-1.7	9.8	1554	2294	-1.1	4.3	86	15	-61.8	336.4	-49.9	-11.4	22.9
20TH	209.67	-1.9	10.0	1554	2294	-1.2	4.4	89	17	-60.1	326.6	-45.8	-10.7	22.0
21ST	222.00	-2.1	10.3	1554	2294	-1.3	4.5	92	18	-58.2	316.6	-41.9	-9.9	21.1
22ND	234.33	-2.2	10.6	1554	2294	-1.4	4.6	95	20	-56.1	306.2	-38.0	-9.2	20.1
23RD	246.67	-2.4	10.9	1554	2294	-1.5	4.8	97	21	-53.9	295.6	-34.3	-8.6	19.1
24TH	259.00	-2.6	11.2	1554	2294	-1.6	4.9	99	23	-51.5	284.7	-30.7	-7.9	17.9
25TH	271.33	-2.7	11.5	1554	2294	-1.7	5.0	102	24	-49.0	273.4	-27.3	-7.3	16.8
26TH	283.67	-2.9	11.8	1554	2294	-1.9	5.2	104	25	-46.2	261.9	-24.0	-6.7	15.5
27TH	296.00	-3.0	12.1	1554	2294	-1.9	5.3	106	26	-43.4	250.0	-20.8	-6.1	14.2
28TH	308.33	-.8	13.9	1554	2294	-.5	6.0	106	6	-40.3	237.9	-17.8	-5.6	12.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	1.5	16.0	1554	2294	1.0	7.0	98	-9	-39.5	224.0	-15.0	-5.1	11.4
30TH	333.00	3.8	18.2	1554	2294	2.4	7.9	89	-18	-41.0	208.0	-12.3	-4.6	9.8
31ST	345.33	6.1	20.4	1554	2294	3.9	8.9	81	-24	-44.8	189.8	-9.9	-4.1	8.1
32ND	357.67	5.6	22.5	1554	2294	3.6	9.8	71	-18	-50.8	169.4	-7.6	-3.5	6.3
33RD	370.00	-7.8	20.2	1554	2294	-5.0	8.8	35	13	-56.5	146.9	-5.7	-2.9	4.6
34TH	382.33	-6.8	21.7	1554	2294	-4.4	9.5	33	10	-48.7	126.7	-4.0	-2.2	3.8
35TH	394.67	-6.3	23.7	1554	2294	-4.1	10.3	30	8	-41.9	105.0	-2.6	-1.7	3.0
36TH	407.00	-5.9	25.3	1554	2294	-3.8	11.0	28	7	-35.5	81.4	-1.4	-1.2	2.2
37TH	419.33	-6.5	27.0	1554	2294	-4.2	11.8	21	5	-29.6	56.0	-.6	-.8	1.5
38TH	431.67	-7.4	25.6	1554	2294	-4.7	11.2	14	4	-23.1	29.0	-.1	-.5	.9
39TH	444.00	-7.6	14.8	1554	2294	-4.9	6.5	13	7	-15.7	3.4	.1	-.2	.5
40TH	456.33	-8.1	-11.4	2008	2964	-4.0	-3.9	-17	12	-8.1	-11.4	.1	-.1	.3
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									129.7	522.8	-155.2	33.5	19.2
5TH	24.67	5.5	11.9	3108	4588	1.8	2.6	4	-2	124.2	510.9	-142.5	30.4	19.1
6TH	37.00	1.8	6.2	1554	2294	1.1	2.7	9	-3	122.5	504.7	-136.2	28.8	19.0
7TH	49.33	1.8	6.4	1554	2294	1.2	2.8	12	-3	120.7	498.3	-130.0	27.3	19.0
8TH	61.67	1.9	6.6	1554	2294	1.2	2.9	15	-4	118.8	491.7	-123.9	25.9	18.8
9TH	74.00	1.9	6.8	1554	2294	1.2	3.0	17	-5	116.9	484.9	-117.9	24.4	18.7
10TH	86.33	2.0	7.0	1554	2294	1.3	3.1	20	-6	114.9	477.9	-112.0	23.0	18.6
11TH	98.67	2.0	7.2	1554	2294	1.3	3.1	22	-6	112.9	470.7	-106.1	21.6	18.4
12TH	111.00	2.2	7.3	1554	2294	1.4	3.2	25	-7	110.7	463.4	-100.4	20.2	18.2
13TH	123.33	2.3	7.3	1554	2294	1.5	3.2	28	-9	108.4	456.1	-94.7	18.8	18.0
14TH	135.67	2.5	7.6	1554	2294	1.6	3.3	33	-11	105.9	448.4	-89.1	17.5	17.7
15TH	148.00	2.6	7.9	1554	2294	1.7	3.5	38	-13	103.3	440.5	-83.6	16.2	17.4
16TH	160.33	2.8	8.2	1554	2294	1.8	3.6	43	-14	100.6	432.3	-78.2	15.0	17.0
17TH	172.67	2.9	8.5	1554	2294	1.9	3.7	47	-16	97.7	423.8	-73.0	13.7	16.5
18TH	185.00	3.1	8.8	1554	2294	2.0	3.8	51	-18	94.6	415.0	-67.8	12.6	16.0
19TH	197.33	3.2	9.1	1554	2294	2.1	4.0	54	-19	91.4	405.8	-62.7	11.4	15.5
20TH	209.67	3.4	9.4	1554	2294	2.2	4.1	57	-20	88.0	396.4	-57.8	10.3	14.9
21ST	222.00	3.5	9.9	1554	2294	2.2	4.3	60	-21	84.5	386.6	-53.0	9.2	14.2
22ND	234.33	3.6	10.5	1554	2294	2.3	4.6	61	-21	80.9	376.0	-48.3	8.2	13.5
23RD	246.67	3.7	11.2	1554	2294	2.4	4.9	62	-21	77.2	364.8	-43.7	7.2	12.7
24TH	259.00	3.9	11.9	1554	2294	2.5	5.2	63	-20	73.3	353.0	-39.3	6.3	11.9
25TH	271.33	4.0	12.5	1554	2294	2.6	5.5	64	-20	69.4	340.4	-35.0	5.4	11.0
26TH	283.67	4.1	13.2	1554	2294	2.6	5.8	64	-20	65.3	327.2	-30.9	4.6	10.1
27TH	296.00	4.2	13.9	1554	2294	2.7	6.1	65	-20	61.0	313.3	-26.9	3.8	9.1
28TH	308.33	4.4	14.6	1554	2294	2.8	6.3	65	-20	56.7	298.8	-23.1	3.1	8.1
		5.9	16.5	1554	2294	3.8	7.2	59	-21					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAVOR CENTER, DATA ON TOWER B														
WIND DIRECTION 140		CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	7.4	18.8	1554	2294	4.7	8.2	52	-20	50.8	282.3	-19.6	2.4	7.0
30TH	333.00	8.9	21.1	1554	2294	5.7	9.2	46	-20	43.5	263.5	-16.2	1.9	5.9
31ST	345.33	10.4	23.4	1554	2294	6.7	10.2	42	-19	34.6	242.5	-13.1	1.4	4.7
32ND	357.67	12.3	25.7	1554	2294	7.9	11.2	38	-18	24.2	219.1	-10.2	1.0	3.5
33RD	370.00	-1.0	27.2	1554	2294	-6	11.9	19	1	11.9	193.5	-7.7	.8	2.3
34TH	382.33	.4	28.9	1554	2294	.3	12.6	18	-0	12.9	166.3	-5.5	.6	1.8
35TH	394.67	1.4	30.7	1554	2294	.9	13.4	16	-1	12.5	137.3	-3.6	.5	1.3
36TH	407.00	2.4	32.7	1554	2294	1.5	14.2	15	-1	11.1	106.6	-2.1	.3	.8
37TH	419.33	2.2	32.8	1554	2294	1.4	14.3	9	-1	8.7	74.0	-1.0	.2	.3
38TH	431.67	2.2	30.5	1554	2294	1.4	13.3	3	-0	6.5	41.1	-.3	.1	-.0
39TH	444.00	2.1	19.6	1554	2294	1.4	8.5	-2	0	4.3	10.6	.1	.1	-.1
40TH	456.33	2.1	-9.0	2008	2964	1.1	-3.0	5	1	2.1	-9.0	.1	.0	-.0
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	14.8	6.3	3108	4588	4.8	1.4	-5	12	314.4	602.3	-208.3	85.0	16.6
5TH	24.67	5.1	2.6	1554	2294	3.3	1.1	-2	3	299.6	596.0	-193.5	77.4	16.8
6TH	37.00	5.0	2.3	1554	2294	3.2	1.0	1	-2	294.5	593.4	-186.2	73.7	16.8
7TH	49.33	4.8	2.0	1554	2294	3.1	.9	4	-9	289.5	591.1	-178.9	70.1	16.8
8TH	61.67	4.7	1.7	1554	2294	3.0	.7	6	-16	284.7	589.1	-171.6	66.6	16.8
9TH	74.00	4.5	1.4	1554	2294	2.9	.6	8	-24	280.0	587.4	-164.3	63.1	16.7
10TH	86.33	4.4	1.1	1554	2294	2.8	.5	9	-33	275.4	586.0	-157.1	59.7	16.6
11TH	98.67	4.1	.8	1554	2294	2.7	.4	8	-44	271.1	584.8	-149.9	56.3	16.4
12TH	111.00	4.1	.4	1554	2294	2.6	.2	6	-53	266.9	584.0	-142.7	53.0	16.2
13TH	123.33	4.5	1.1	1554	2294	2.9	.5	13	-51	262.9	583.6	-135.5	49.7	16.0
14TH	135.67	5.0	2.0	1554	2294	3.2	.9	19	-48	258.3	582.5	-128.3	46.5	15.8
15TH	148.00	5.5	2.8	1554	2294	3.6	1.2	22	-45	253.3	580.5	-121.1	43.4	15.5
16TH	160.33	6.0	3.6	1554	2294	3.9	1.6	25	-42	247.8	577.7	-114.0	40.3	15.2
17TH	172.67	6.5	4.4	1554	2294	4.2	1.9	26	-39	241.8	574.2	-106.9	37.3	14.8
18TH	185.00	7.0	5.2	1554	2294	4.5	2.3	28	-37	235.3	569.8	-99.8	34.3	14.5
19TH	197.33	7.5	6.0	1554	2294	4.8	2.6	28	-35	228.3	564.5	-92.8	31.4	14.1
20TH	209.67	8.0	7.2	1554	2294	5.2	3.1	29	-33	220.8	558.5	-85.9	28.7	13.6
21ST	222.00	8.6	8.9	1554	2294	5.5	3.9	33	-31	212.8	551.4	-79.1	26.0	13.2
22ND	234.33	9.1	10.7	1554	2294	5.9	4.7	35	-30	204.2	542.4	-72.3	23.4	12.6
23RD	246.67	9.7	12.5	1554	2294	6.2	5.4	37	-29	195.1	531.7	-65.7	21.0	11.9
24TH	259.00	10.2	14.3	1554	2294	6.6	6.2	38	-28	185.4	519.2	-59.2	18.6	11.2
25TH	271.33	10.8	16.1	1554	2294	6.9	7.0	39	-26	175.2	504.9	-52.9	16.4	10.4
26TH	283.67	11.3	17.8	1554	2294	7.3	7.8	40	-26	164.4	488.9	-46.8	14.3	9.5
27TH	296.00	11.9	19.6	1554	2294	7.7	8.5	41	-25	153.1	471.0	-40.8	12.3	8.4
28TH	308.33	13.2	23.2	1554	2294	8.5	10.1	38	-22	141.1	451.4	-35.2	10.5	7.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	14.5	27.3	1554	2294	9.3	11.9	35	-19	127.9	428.3	-29.7	8.9	6.2
30TH	333.00	15.8	31.4	1554	2294	10.1	13.7	33	-16	113.4	401.0	-24.6	7.4	4.9
31ST	345.33	17.0	35.5	1554	2294	11.0	15.5	31	-15	97.7	369.6	-19.9	6.1	3.6
32ND	357.67	18.2	39.6	1554	2294	11.7	17.3	29	-13	80.7	334.1	-15.5	5.0	2.3
33RD	370.00	1.2	41.1	1554	2294	.7	17.9	12	-0	62.5	294.5	-11.6	4.1	.9
34TH	382.33	3.0	44.1	1554	2294	1.9	19.2	10	-1	61.3	253.5	-8.3	3.3	.4
35TH	394.67	5.0	47.1	1554	2294	3.2	20.5	9	-1	58.3	209.3	-5.4	2.6	-.0
36TH	407.00	6.9	50.4	1554	2294	4.5	22.0	7	-1	53.4	162.2	-3.1	1.9	-.5
37TH	419.33	8.4	50.1	1554	2294	5.4	21.8	3	-0	46.4	111.8	-1.4	1.3	-.8
38TH	431.67	10.9	46.6	1554	2294	7.0	20.3	-3	1	38.0	61.7	-.4	.8	-1.0
39TH	444.00	12.4	29.3	1554	2294	8.0	12.8	-10	4	27.1	15.1	.1	.4	-.8
40TH	456.33	14.7	-14.2	2008	2964	7.3	-4.8	16	17	14.7	-14.2	.1	.1	-.5
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									430.7	658.8	-225.3	132.0	7.4
5TH	24.67	19.0	12.2	3108	4588	6.1	2.7	-8	13	411.7	646.6	-209.2	121.7	7.8
6TH	37.00	5.2	4.8	1554	2294	3.4	2.1	-8	8	406.5	641.8	-201.2	116.6	7.8
7TH	49.33	4.8	4.0	1554	2294	3.1	1.7	-4	5	401.6	637.8	-193.3	111.6	7.9
8TH	61.67	4.5	3.1	1554	2294	2.9	1.4	-0	1	397.2	634.7	-185.5	106.7	7.9
9TH	74.00	4.1	2.3	1554	2294	2.6	1.0	4	-6	393.1	632.4	-177.7	101.8	7.9
10TH	86.33	3.7	1.5	1554	2294	2.4	.7	7	-16	389.4	630.9	-169.9	97.0	7.8
11TH	98.67	3.3	.7	1554	2294	2.1	.3	6	-31	386.1	630.2	-162.1	92.2	7.7
12TH	111.00	2.9	.1	1554	2294	1.9	.0	1	-48	383.2	630.1	-154.3	87.5	7.5
13TH	123.33	2.7	-.4	1554	2294	1.8	-.2	-10	-60	380.4	630.6	-146.6	82.8	7.4
14TH	135.67	3.3	.5	1554	2294	2.1	.2	8	-52	377.2	630.1	-138.8	78.1	7.2
15TH	148.00	3.8	1.5	1554	2294	2.4	.7	16	-39	373.4	628.6	-131.0	73.5	7.0
16TH	160.33	4.3	2.6	1554	2294	2.8	1.1	18	-29	369.1	625.9	-123.3	68.9	6.9
17TH	172.67	4.8	3.7	1554	2294	3.1	1.6	17	-22	364.2	622.3	-115.6	64.4	6.7
18TH	185.00	5.4	4.7	1554	2294	3.4	2.1	16	-18	358.9	617.5	-108.0	59.9	6.5
19TH	197.33	5.9	5.8	1554	2294	3.8	2.5	14	-15	353.0	611.7	-100.4	55.5	6.3
20TH	209.67	6.4	6.9	1554	2294	4.1	3.0	13	-12	346.6	604.8	-92.9	51.2	6.2
21ST	222.00	7.2	8.2	1554	2294	4.7	3.6	13	-11	339.3	596.6	-85.5	47.0	6.0
22ND	234.33	8.3	10.1	1554	2294	5.3	4.4	16	-13	331.1	586.5	-78.2	42.8	5.7
23RD	246.67	9.3	12.0	1554	2294	6.0	5.2	18	-14	321.7	574.6	-71.0	38.8	5.4
24TH	259.00	10.4	13.8	1554	2294	6.7	6.0	20	-15	311.4	560.7	-64.0	34.9	4.9
25TH	271.33	11.4	15.7	1554	2294	7.3	6.9	21	-15	300.0	545.0	-57.2	31.1	4.4
26TH	283.67	12.4	17.6	1554	2294	8.0	7.7	22	-16	287.5	527.4	-50.6	27.5	3.9
27TH	296.00	13.5	19.5	1554	2294	8.7	8.5	23	-16	274.1	507.9	-44.2	24.1	3.2
28TH	308.33	14.6	21.3	1554	2294	9.4	9.3	24	-16	259.5	486.6	-38.1	20.8	2.4
		17.4	25.1	1554	2294	11.2	10.9	22	-15					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 160													TOWER CENTER, DATA ON TOWER B CONFIGURATION C REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
29TH	320.67																											
		20.2	29.4	1554	2294	13.0	12.8	20	-14	242.1	461.5	-32.2	17.7	1.6														
30TH	333.00																											
		23.0	33.8	1554	2294	14.8	14.7	18	-13	222.0	432.1	-26.7	14.8	.8														
31ST	345.33																											
		25.8	38.1	1554	2294	16.6	16.6	17	-12	199.0	398.3	-21.6	12.2	-.1														
32ND	357.67																											
		28.0	42.4	1554	2294	18.0	18.5	16	-11	173.2	360.2	-16.9	9.9	-1.1														
33RD	370.00																											
		13.0	44.7	1554	2294	8.4	19.5	2	-0	145.2	317.8	-12.7	8.0	-2.1														
34TH	382.33																											
		14.7	47.7	1554	2294	9.5	20.8	1	-0	132.2	273.0	-9.1	6.2	-2.2														
35TH	394.67																											
		16.3	50.9	1554	2294	10.5	22.2	0	-0	117.5	225.3	-6.0	4.7	-2.2														
36TH	407.00																											
		18.0	53.6	1554	2294	11.6	23.4	-1	0	101.2	174.5	-3.5	3.4	-2.2														
37TH	419.33																											
		18.0	52.4	1554	2294	11.6	22.8	-3	1	83.2	120.9	-1.7	2.2	-2.2														
38TH	431.67																											
		20.0	47.6	1554	2294	12.9	20.7	-9	4	65.2	68.5	-.6	1.3	-2.0														
39TH	444.00																											
		20.9	30.1	1554	2294	13.5	13.1	-15	10	45.2	20.9	.0	.6	-1.5														
40TH	456.33																											
		24.3	-9.2	2008	2964	12.1	-3.1	11	29	24.3	-9.2	.1	.2	-.8														
TOP	472.27																											
										0.0	0.0	0.0	0.0	0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	17.2	22.6	3108	4588	5.5	4.9	-13	10	471.9	584.1	-191.9	158.0	-2.4
5TH	24.67	4.0	8.8	1554	2294	2.6	3.9	-15	7	454.7	561.5	-177.8	146.6	-2.0
6TH	37.00	3.5	7.2	1554	2294	2.3	3.2	-15	7	450.7	552.7	-170.9	141.0	-1.8
7TH	49.33	3.0	5.6	1554	2294	2.0	2.5	-16	9	447.1	545.4	-164.1	135.4	-1.7
8TH	61.67	2.6	4.0	1554	2294	1.6	1.8	-17	11	444.1	539.8	-157.4	129.9	-1.6
9TH	74.00	2.1	2.4	1554	2294	1.3	1.1	-18	16	441.6	535.8	-150.8	124.5	-1.5
10TH	86.33	1.6	.8	1554	2294	1.0	.4	-15	28	439.5	533.3	-144.2	119.0	-1.4
11TH	98.67	1.6	.7	1554	2294	1.0	.3	-13	28	437.9	532.5	-137.6	113.6	-1.3
12TH	111.00	1.7	1.4	1554	2294	1.1	.6	-22	26	436.3	531.8	-131.1	108.2	-1.3
13TH	123.33	2.0	2.2	1554	2294	1.3	1.0	-20	18	434.6	530.4	-124.5	102.9	-1.2
14TH	135.67	2.4	3.1	1554	2294	1.5	1.4	-18	14	432.6	528.1	-118.0	97.5	-1.1
15TH	148.00	2.8	4.0	1554	2294	1.8	1.7	-16	11	430.2	525.0	-111.5	92.2	-1.1
16TH	160.33	3.1	4.8	1554	2294	2.0	2.1	-15	10	427.4	521.1	-105.1	86.9	-1.0
17TH	172.67	3.5	5.7	1554	2294	2.3	2.5	-14	9	424.3	516.2	-98.7	81.7	-.8
18TH	185.00	3.9	6.6	1554	2294	2.5	2.9	-13	8	420.8	510.5	-92.3	76.5	-.7
19TH	197.33	4.3	7.4	1554	2294	2.7	3.2	-13	7	416.9	504.0	-86.1	71.3	-.6
20TH	209.67	5.1	8.2	1554	2294	3.3	3.6	-9	6	412.6	496.5	-79.9	66.2	-.5
21ST	222.00	6.3	8.6	1554	2294	4.0	3.7	-2	1	407.5	488.4	-73.8	61.1	-.4
22ND	234.33	7.4	9.0	1554	2294	4.8	3.9	4	-3	401.3	479.8	-67.9	56.1	-.4
23RD	246.67	8.6	9.5	1554	2294	5.5	4.1	8	-7	393.8	470.8	-62.0	51.2	-.4
24TH	259.00	9.7	9.9	1554	2294	6.3	4.3	11	-11	385.3	461.3	-56.2	46.4	-.6
25TH	271.33	10.9	10.3	1554	2294	7.0	4.5	13	-14	375.5	451.4	-50.6	41.7	-.8
26TH	283.67	12.1	10.8	1554	2294	7.8	4.7	15	-17	364.6	441.1	-45.1	37.2	-1.1
27TH	296.00	13.3	11.2	1554	2294	8.6	4.9	17	-20	352.5	430.3	-39.7	32.7	-1.4
28TH	308.33	17.4	15.3	1554	2294	11.2	6.7	14	-16	339.2	419.1	-34.5	28.5	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER DATA ON TOWER B														
WIND DIRECTION 170				CONFIGURATION C		REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67													
		21.4	20.5	1554	2294	13.8	8.9	11	-12	321.8	403.8	-29.4	24.4	-2.4
30TH	333.00													
		25.4	25.7	1554	2294	16.3	11.2	9	-9	300.4	383.2	-24.6	20.6	-2.9
31ST	345.33													
		29.4	31.0	1554	2294	18.9	13.5	8	-7	275.0	357.5	-20.0	17.0	-3.3
32ND	357.67													
		33.1	36.2	1554	2294	21.3	15.8	6	-6	245.6	326.5	-15.8	13.8	-3.8
33RD	370.00													
		22.0	41.6	1554	2294	14.1	18.1	-4	2	212.5	290.4	-12.0	11.0	-4.2
34TH	382.33													
		24.4	43.2	1554	2294	15.7	18.8	-4	2	190.5	248.7	-8.7	8.5	-4.0
35TH	394.67													
		26.8	44.9	1554	2294	17.2	19.6	-5	3	166.1	205.6	-5.9	6.3	-3.8
36TH	407.00													
		29.1	46.6	1554	2294	18.8	20.3	-6	4	139.3	160.7	-3.6	4.4	-3.4
37TH	419.33													
		25.8	45.3	1554	2294	16.6	19.8	-8	5	110.2	114.1	-1.9	2.9	-3.0
38TH	431.67													
		26.7	40.8	1554	2294	17.2	17.8	-13	8	84.4	68.7	-.8	1.7	-2.6
39TH	444.00													
		26.6	27.4	1554	2294	17.1	11.9	-16	15	57.7	27.9	-.2	.8	-1.8
40TH	456.33													
		31.1	.6	2008	2964	15.5	.2	-1	32	31.1	.6	-.0	.2	-1.0
TOP	472.27													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 180				TOWER CENTER, DATA ON TOWER B CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									485.6	489.2	-149.6	168.0	-9.3
		10.0	29.5	3108	4588	3.2	6.4	-16	5					
5TH	24.67	1.2	12.2	1554	2294	.8	5.3	-15	2	475.6	459.7	-137.9	156.2	-8.8
6TH	37.00	1.2	10.6	1554	2294	.8	4.6	-16	2	474.3	447.5	-132.4	150.3	-8.6
7TH	49.33	1.2	9.0	1554	2294	.7	3.9	-18	2	473.2	436.8	-126.9	144.5	-8.4
8TH	61.67	1.1	7.4	1554	2294	.7	3.2	-19	3	472.0	427.8	-121.6	138.7	-8.3
9TH	74.00	1.1	5.8	1554	2294	.7	2.5	-22	4	470.9	420.4	-116.3	132.8	-8.1
10TH	86.33	1.0	4.2	1554	2294	.7	1.8	-27	7	469.8	414.6	-111.2	127.0	-8.0
11TH	98.67	1.2	4.3	1554	2294	.8	1.9	-30	8	468.8	410.3	-106.1	121.3	-7.9
12TH	111.00	1.5	5.4	1554	2294	1.0	2.3	-31	9	467.5	406.0	-101.1	115.5	-7.7
13TH	123.33	1.9	5.2	1554	2294	1.2	2.3	-31	11	466.0	400.6	-96.1	109.7	-7.6
14TH	135.67	2.3	5.0	1554	2294	1.5	2.2	-31	14	464.1	395.4	-91.2	104.0	-7.4
15TH	148.00	2.7	4.7	1554	2294	1.7	2.0	-30	17	461.8	390.5	-86.3	98.3	-7.2
16TH	160.33	3.1	4.4	1554	2294	2.0	1.9	-28	20	459.1	385.8	-81.5	92.6	-7.0
17TH	172.67	3.5	4.2	1554	2294	2.3	1.8	-26	22	456.0	381.4	-76.8	87.0	-6.8
18TH	185.00	3.9	3.9	1554	2294	2.5	1.7	-23	24	452.5	377.2	-72.1	81.4	-6.6
19TH	197.33	4.3	3.6	1554	2294	2.8	1.6	-21	25	448.6	373.3	-67.5	75.8	-6.5
20TH	209.67	5.4	3.5	1554	2294	3.5	1.5	-15	23	444.3	369.7	-62.9	70.3	-6.3
21ST	222.00	7.0	3.8	1554	2294	4.5	1.7	-10	18	438.9	366.2	-58.4	64.9	-6.1
22ND	234.33	8.6	4.1	1554	2294	5.5	1.8	-7	14	431.9	362.3	-53.9	59.5	-5.9
23RD	246.67	10.1	4.4	1554	2294	6.5	1.9	-5	11	423.3	358.2	-49.5	54.2	-5.8
24TH	259.00	11.7	4.7	1554	2294	7.5	2.0	-3	8	413.2	353.8	-45.1	49.0	-5.7
25TH	271.33	13.3	5.0	1554	2294	8.6	2.2	-2	6	401.4	349.1	-40.7	44.0	-5.6
26TH	283.67	14.9	5.3	1554	2294	9.6	2.3	-2	5	388.1	344.1	-36.5	39.2	-5.5
27TH	296.00	16.5	5.6	1554	2294	10.6	2.4	-1	3	373.3	338.9	-32.2	34.5	-5.4
28TH	308.33	19.6	9.5	1554	2294	12.6	4.1	-1	1	356.7	333.3	-28.1	30.0	-5.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B															
WIND DIRECTION 180		CONFIGURATION C								REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.67	22.6	14.5	1554	2294	14.6	6.3	-1	1	337.1	323.8	-24.0	25.7	-5.3	
30TH	333.00	25.6	19.5	1554	2294	16.5	8.5	-1	1	314.5	309.4	-20.1	21.7	-5.3	
31ST	345.33	28.7	24.5	1554	2294	18.4	10.7	-1	1	288.9	289.9	-16.4	17.9	-5.2	
32ND	357.67	32.0	29.5	1554	2294	20.6	12.8	-1	1	260.2	265.4	-13.0	14.6	-5.2	
33RD	370.00	25.6	34.6	1554	2294	16.5	15.1	-7	5	228.2	236.0	-9.9	11.5	-5.1	
34TH	382.33	27.4	34.9	1554	2294	17.7	15.2	-7	6	202.7	201.3	-7.2	8.9	-4.7	
35TH	394.67	29.6	35.4	1554	2294	19.0	15.4	-8	7	175.2	166.4	-5.0	6.6	-4.3	
36TH	407.00	31.6	35.9	1554	2294	20.4	15.7	-9	8	145.7	131.0	-3.1	4.6	-3.8	
37TH	419.33	27.1	35.3	1554	2294	17.4	15.4	-11	8	114.0	95.1	-1.7	3.0	-3.3	
38TH	431.67	27.2	32.1	1554	2294	17.5	14.0	-15	13	87.0	59.8	-1.8	1.7	-2.7	
39TH	444.00	26.9	22.6	1554	2294	17.3	9.8	-16	19	59.7	27.8	-1.2	.8	-1.8	
40TH	456.33	32.8	5.2	2008	2964	16.3	1.8	-5	29	32.8	5.2	-1.0	.3	-1.0	
TOP	472.27									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAM 1				TOWER CENTER, DATA ON TOWER 8						GUST FACTOR 1.32				
WIND DIRECTION 190				CONFIGURATION C						REFERENCE PRESSURE 22.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									411.6	359.7	-94.3	137.9	-12.9
5TH	24.67	10.4	20.6	3108	4588	3.4	4.5	-32	16	401.2	339.1	-85.7	127.9	-12.1
6TH	37.00	2.8	10.0	1554	2294	1.8	4.4	-35	10	398.3	329.1	-81.6	123.0	-11.7
7TH	49.33	2.7	9.9	1554	2294	1.7	4.3	-34	9	395.7	319.1	-77.6	118.1	-11.3
8TH	61.67	2.5	9.9	1554	2294	1.6	4.3	-33	8	393.2	309.2	-73.7	113.2	-11.0
9TH	74.00	2.3	9.8	1554	2294	1.5	4.3	-31	7	390.9	299.4	-69.9	108.4	-10.7
10TH	86.33	2.1	9.8	1554	2294	1.4	4.3	-30	7	388.8	289.7	-66.3	103.6	-10.4
11TH	98.67	2.0	9.7	1554	2294	1.3	4.2	-28	6	386.8	280.0	-62.8	98.8	-10.1
12TH	111.00	1.7	9.7	1554	2294	1.1	4.2	-27	5	385.1	270.3	-59.4	94.0	-9.8
13TH	123.33	1.6	9.7	1554	2294	1.0	4.2	-26	4	383.5	260.6	-56.1	89.3	-9.5
14TH	135.67	1.9	9.1	1554	2294	1.2	4.0	-27	6	381.6	251.6	-53.0	84.6	-9.3
15TH	148.00	2.3	8.4	1554	2294	1.5	3.7	-27	7	379.3	243.1	-49.9	79.9	-9.0
16TH	160.33	2.6	7.8	1554	2294	1.7	3.4	-27	9	376.7	235.4	-47.0	75.2	-8.8
17TH	172.67	3.0	7.1	1554	2294	1.9	3.1	-27	11	373.8	228.3	-44.1	70.6	-8.6
18TH	185.00	3.3	6.4	1554	2294	2.1	2.8	-27	14	370.5	221.8	-41.3	66.0	-8.4
19TH	197.33	3.7	5.8	1554	2294	2.4	2.5	-26	17	366.8	216.0	-38.6	61.4	-8.1
20TH	209.67	4.0	5.1	1554	2294	2.6	2.2	-25	19	362.8	210.9	-36.0	56.9	-7.9
21ST	222.00	4.9	4.5	1554	2294	3.2	2.0	-20	22	357.9	206.4	-33.4	52.5	-7.7
22ND	234.33	6.3	4.0	1554	2294	4.0	1.7	-15	23	351.6	202.4	-30.9	48.1	-7.5
23RD	246.67	7.6	3.5	1554	2294	4.9	1.5	-10	23	344.0	198.9	-28.4	43.8	-7.3
24TH	259.00	8.9	3.0	1554	2294	5.8	1.3	-7	22	335.0	195.9	-26.0	39.6	-7.1
25TH	271.33	10.3	2.5	1554	2294	6.6	1.1	-5	20	324.7	193.4	-23.6	35.6	-6.9
26TH	283.67	11.6	2.0	1554	2294	7.5	.9	-3	19	313.1	191.4	-21.2	31.6	-6.7
27TH	296.00	12.9	1.5	1554	2294	8.3	.6	-2	18	300.2	190.0	-18.9	27.9	-6.4
28TH	308.33	14.3	.9	1554	2294	9.2	.4	-1	16	285.9	189.1	-16.5	24.2	-6.2
		16.1	3.5	1554	2294	10.4	1.5	-3	13					

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									269.8	185.6	-14.2	20.8	-6.0
30TH	333.00	17.9	6.9	1554	2294	11.5	3.0	-4	11	251.9	178.6	-12.0	17.6	-5.8
31ST	345.33	19.6	10.4	1554	2294	12.6	4.5	-5	9	232.2	168.2	-9.8	14.6	-5.5
32ND	357.67	21.4	13.9	1554	2294	13.8	6.0	-5	8	210.8	154.3	-7.9	11.9	-5.3
33RD	370.00	23.2	17.3	1554	2294	14.9	7.6	-5	7	187.6	137.0	-6.1	9.4	-5.0
34TH	382.33	21.5	19.9	1554	2294	13.8	8.7	-9	10	166.1	117.1	-4.5	7.2	-4.6
35TH	394.67	23.0	19.5	1554	2294	14.8	8.5	-10	12	143.1	97.6	-3.2	5.3	-4.2
36TH	407.00	24.6	19.3	1554	2294	15.8	8.4	-10	13	118.5	78.3	-2.1	3.7	-3.6
37TH	419.33	26.2	19.3	1554	2294	16.9	8.4	-11	15	92.3	59.0	-1.2	2.4	-3.0
38TH	431.67	21.7	19.3	1554	2294	14.0	8.4	-14	16	70.6	39.7	-.6	1.4	-2.4
39TH	444.00	21.9	17.7	1554	2294	14.1	7.7	-17	21	48.7	22.0	-.3	.7	-1.7
40TH	456.33	21.8	13.6	1554	2294	14.1	5.9	-16	26	26.8	8.3	-.1	.2	-.9
TOP	472.27	26.8	8.3	2008	2964	13.4	2.8	-9	30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1 WIND DIRECTION 200													
LABOR CENTER, DATA ON TOWER 8 REFERENCE PRESSURE 22.0 PSF													
CONFIGURATION C													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
4TH	0.00									530.5	348.4	-79.2	163.2
5TH	24.67	19.7	12.3	3108	4588	6.3	2.7	-33	53	510.8	336.1	-70.7	150.4
6TH	37.00	6.8	7.2	1554	2294	4.4	3.1	-50	48	504.0	328.9	-66.6	144.1
7TH	49.33	6.9	8.2	1554	2294	4.4	3.6	-47	39	497.1	320.0	-62.6	138.0
8TH	61.67	6.9	9.2	1554	2294	4.4	4.0	-43	33	490.2	311.6	-58.7	131.9
9TH	74.00	6.9	10.2	1554	2294	4.5	4.4	-40	27	483.3	301.4	-55.0	125.9
10TH	86.33	7.0	11.2	1554	2294	4.5	4.9	-36	23	476.3	290.3	-51.3	119.9
11TH	98.67	7.0	12.2	1554	2294	4.5	5.3	-33	19	469.3	278.1	-47.8	114.1
12TH	111.00	6.5	13.0	1554	2294	4.2	5.7	-33	16	462.9	265.0	-44.5	108.4
13TH	123.33	6.0	13.8	1554	2294	3.8	6.0	-32	14	456.9	251.2	-41.3	102.7
14TH	135.67	6.2	13.5	1554	2294	4.0	5.9	-31	14	450.6	237.7	-38.3	97.1
15TH	148.00	6.5	13.1	1554	2294	4.2	5.7	-29	14	444.2	224.5	-35.4	91.6
16TH	160.33	6.8	12.7	1554	2294	4.3	5.6	-27	14	437.4	211.8	-32.7	86.1
17TH	172.67	7.0	12.3	1554	2294	4.5	5.4	-25	14	430.4	199.4	-30.2	80.8
18TH	185.00	7.3	11.9	1554	2294	4.7	5.2	-23	14	423.1	187.5	-27.8	75.5
19TH	197.33	7.5	11.5	1554	2294	4.9	5.0	-21	13	415.6	176.0	-25.6	70.4
20TH	209.67	7.8	11.1	1554	2294	5.0	4.9	-18	13	407.7	164.8	-23.5	65.3
21ST	222.00	8.3	10.5	1554	2294	5.3	4.6	-17	14	399.5	154.4	-21.5	60.3
22ND	234.33	8.9	9.3	1554	2294	5.7	4.0	-17	16	390.6	145.1	-19.6	55.4
23RD	246.67	9.5	8.1	1554	2294	6.1	3.5	-16	19	381.2	137.0	-17.9	50.7
24TH	259.00	10.0	6.9	1554	2294	6.5	3.0	-15	22	371.1	130.0	-16.3	46.0
25TH	271.33	10.6	5.7	1554	2294	6.8	2.5	-13	25	360.5	124.3	-14.7	41.5
26TH	283.67	11.2	4.6	1554	2294	7.2	2.0	-11	27	349.2	119.8	-13.2	37.1
27TH	296.00	11.8	3.4	1554	2294	7.6	1.5	-8	28	337.4	116.4	-11.7	32.9
28TH	308.33	12.5	2.2	1554	2294	8.0	1.0	-5	29	324.9	114.2	-10.3	28.8
		14.6	3.4	1554	2294	9.4	1.5	-6	26				

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 200				TOWER CENTER, DATA ON TOWER B CONFIGURATION C REFERENCE PRESSURE 22.0 PSF											GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)					
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z			
29TH	320.67	16.8	5.3	1554	2294	10.8	2.3	-8	25	310.3	110.8	-8.9	24.9	-9.8			
30TH	333.00	18.9	7.2	1554	2294	12.2	3.1	-9	23	293.5	105.6	-7.6	21.2	-9.3			
31ST	345.33	21.0	9.1	1554	2294	13.5	3.9	-10	22	274.6	98.4	-6.3	17.7	-8.8			
32ND	357.67	23.0	11.0	1554	2294	14.8	4.8	-10	22	253.5	89.4	-5.2	14.4	-8.3			
33RD	370.00	27.4	10.2	1554	2294	17.6	4.5	-8	21	230.5	78.4	-4.1	11.4	-7.7			
34TH	382.33	29.2	9.2	1554	2294	18.8	4.0	-7	23	203.2	68.2	-3.2	8.8	-7.0			
35TH	394.67	30.8	8.5	1554	2294	19.8	3.7	-7	26	174.0	59.0	-2.4	6.4	-6.3			
36TH	407.00	32.4	8.0	1554	2294	20.8	3.5	-7	29	143.2	50.5	-1.8	4.5	-5.4			
37TH	419.33	25.4	9.0	1554	2294	16.3	3.9	-11	32	110.9	42.5	-1.2	2.9	-4.4			
38TH	431.67	26.5	8.9	1554	2294	17.1	3.9	-13	38	85.5	33.5	-.7	1.7	-3.5			
39TH	444.00	26.9	9.7	1554	2294	17.3	4.2	-14	38	59.0	24.6	-.4	.8	-2.4			
40TH	456.33	32.1	14.9	2008	2964	16.0	5.0	-15	32	32.1	14.9	-.1	.3	-1.2			
TOP	472.27									0.0	0.0	0.0	0.0	0.0			

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 210				TOWER CENTER, DATA ON TOWER B CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									576.0	329.5	-60.7	168.1	-30.3
		23.3	16.1	3108	4588	7.5	3.5	-40	57	552.8	313.4	-52.8	154.2	-28.3
5TH	24.67	9.6	9.6	1554	2294	6.2	4.2	-48	48	543.2	303.8	-49.0	147.4	-27.4
6TH	37.00	9.9	10.7	1554	2294	6.4	4.7	-45	42	533.2	293.1	-45.3	140.8	-26.5
7TH	49.33	10.3	11.8	1554	2294	6.6	5.1	-42	37	523.0	281.3	-41.8	134.3	-25.6
8TH	61.67	10.6	12.9	1554	2294	6.8	5.6	-40	33	512.4	268.3	-38.4	127.9	-24.8
9TH	74.00	10.9	14.0	1554	2294	7.0	6.1	-37	29	501.4	254.3	-35.2	121.6	-23.9
10TH	86.33	11.3	15.2	1554	2294	7.3	6.6	-35	26	490.1	239.1	-32.1	115.5	-23.1
11TH	98.67	10.4	15.9	1554	2294	6.7	6.9	-38	25	479.8	223.2	-29.3	109.5	-22.2
12TH	111.00	9.5	16.5	1554	2294	6.1	7.2	-41	23	470.3	206.7	-26.6	103.7	-21.4
13TH	123.33	9.4	15.9	1554	2294	6.0	6.9	-39	23	460.9	190.8	-24.2	97.9	-20.5
14TH	135.67	9.3	15.1	1554	2294	6.0	6.6	-38	23	451.6	175.7	-21.9	92.3	-19.7
15TH	148.00	9.2	14.4	1554	2294	5.9	6.3	-37	23	442.5	161.4	-19.8	86.8	-19.0
16TH	160.33	9.1	13.6	1554	2294	5.8	5.9	-35	23	433.4	147.8	-17.9	81.4	-18.3
17TH	172.67	9.0	12.8	1554	2294	5.8	5.6	-33	23	424.4	134.9	-16.2	76.1	-17.7
18TH	185.00	8.9	12.1	1554	2294	5.7	5.3	-32	23	415.5	122.9	-14.6	70.9	-17.1
19TH	197.33	8.8	11.3	1554	2294	5.7	4.9	-30	23	406.7	111.6	-13.1	65.9	-16.5
20TH	209.67	9.0	10.4	1554	2294	5.8	4.6	-27	24	397.7	101.1	-11.8	60.9	-16.0
21ST	222.00	9.4	9.4	1554	2294	6.0	4.1	-27	27	388.3	91.8	-10.6	56.0	-15.5
22ND	234.33	9.8	8.3	1554	2294	6.3	3.6	-26	30	378.6	83.4	-9.6	51.3	-15.0
23RD	246.67	10.1	7.3	1554	2294	6.5	3.2	-24	34	368.4	76.1	-8.6	46.7	-14.5
24TH	259.00	10.5	6.2	1554	2294	6.8	2.7	-22	37	357.9	69.9	-7.7	42.2	-14.0
25TH	271.33	10.9	5.2	1554	2294	7.0	2.3	-19	40	347.0	64.7	-6.8	37.9	-13.4
26TH	283.67	11.3	4.2	1554	2294	7.3	1.8	-16	42	335.7	60.5	-6.1	33.7	-12.9
27TH	296.00	11.7	3.1	1554	2294	7.6	1.4	-12	44	324.0	57.4	-5.3	29.6	-12.3
28TH	308.33	13.4	3.4	1554	2294	8.6	1.5	-10	41					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B															
WIND DIRECTION 210		CONFIGURATION C								REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
29TH	320.67	15.1	4.1	1554	2294	9.7	1.8	-11	39	310.5	54.0	-4.7	25.7	-11.8	
30TH	333.00	16.8	4.8	1554	2294	10.8	2.1	-11	38	295.4	49.9	-4.0	22.0	-11.1	
31ST	345.33	18.5	5.5	1554	2294	11.9	2.4	-11	37	278.6	45.2	-3.4	18.4	-10.4	
32ND	357.67	20.8	6.2	1554	2294	13.4	2.7	-10	34	260.2	39.7	-2.9	15.1	-9.7	
33RD	370.00	27.5	2.6	1554	2294	17.7	1.1	-3	28	239.4	33.5	-2.5	12.0	-8.9	
34TH	382.33	30.0	1.6	1554	2294	19.3	.7	-2	29	211.9	30.9	-2.1	9.2	-8.1	
35TH	394.67	31.6	.8	1554	2294	20.3	.3	-1	32	181.9	29.3	-1.7	6.8	-7.2	
36TH	407.00	33.3	.6	1554	2294	21.4	.3	-1	35	150.3	28.5	-1.3	4.8	-6.2	
37TH	419.33	25.7	2.1	1554	2294	16.5	.9	-3	39	117.0	27.9	-1.0	3.1	-5.0	
38TH	431.67	28.1	3.5	1554	2294	18.1	1.5	-5	44	91.3	25.8	-.6	1.8	-4.0	
39TH	444.00	29.1	7.1	1554	2294	18.7	3.1	-11	43	63.2	22.3	-.4	.9	-2.8	
40TH	456.33	34.1	15.2	2008	2964	17.0	5.1	-16	35	34.1	15.2	-.1	.3	-1.4	
TOP	472.27									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									631.9	246.7	-24.1	161.4	-35.3
5TH	24.67	31.4	22.8	3108	4588	10.1	5.0	-37	51	600.5	223.9	-18.3	146.2	-32.9
6TH	37.00	13.9	13.1	1554	2294	9.0	5.7	-40	42	586.6	210.9	-15.7	138.9	-31.8
7TH	49.33	14.5	14.2	1554	2294	9.4	6.2	-37	38	572.0	196.7	-13.1	131.8	-30.7
8TH	61.67	15.2	15.4	1554	2294	9.8	6.7	-35	34	556.9	181.3	-10.8	124.8	-29.6
9TH	74.00	15.8	16.5	1554	2294	10.2	7.2	-32	31	541.1	164.7	-8.7	118.0	-28.6
10TH	86.33	16.4	17.7	1554	2294	10.6	7.7	-30	28	524.7	147.0	-6.8	111.5	-27.6
11TH	98.67	17.1	18.9	1554	2294	11.0	8.2	-28	25	507.6	128.2	-5.1	105.1	-26.6
12TH	111.00	15.7	19.2	1554	2294	10.1	8.4	-32	26	491.9	109.0	-3.6	98.9	-25.6
13TH	123.33	14.4	19.1	1554	2294	9.3	8.3	-35	27	477.5	89.9	-2.4	93.0	-24.6
14TH	135.67	14.3	17.6	1554	2294	9.2	7.7	-35	28	463.2	72.3	-1.4	87.2	-23.6
15TH	148.00	14.2	16.0	1554	2294	9.1	7.0	-34	30	449.0	56.2	-.6	81.5	-22.6
16TH	160.33	14.1	14.4	1554	2294	9.1	6.3	-33	32	434.9	41.8	.0	76.1	-21.7
17TH	172.67	14.0	12.8	1554	2294	9.0	5.6	-31	34	420.9	28.9	.5	70.8	-20.8
18TH	185.00	13.9	11.2	1554	2294	9.0	4.9	-29	36	406.9	17.7	.7	65.7	-20.0
19TH	197.33	13.8	9.6	1554	2294	8.9	4.2	-27	38	393.1	8.0	.9	60.8	-19.2
20TH	209.67	13.8	8.1	1554	2294	8.9	3.5	-24	40	379.3	-.0	1.0	56.0	-18.4
21ST	222.00	13.7	6.6	1554	2294	8.8	2.9	-20	42	365.6	-6.6	.9	51.4	-17.7
22ND	234.33	13.7	5.3	1554	2294	8.8	2.3	-17	44	351.9	-11.9	.8	47.0	-17.0
23RD	246.67	13.8	4.1	1554	2294	8.8	1.8	-14	47	338.1	-16.0	.6	42.7	-16.3
24TH	259.00	13.8	2.8	1554	2294	8.9	1.2	-10	49	324.3	-18.8	.4	38.6	-15.6
25TH	271.33	13.8	1.6	1554	2294	8.9	.7	-6	50	310.6	-20.5	.2	34.7	-14.9
26TH	283.67	13.8	.4	1554	2294	8.9	.2	-1	51	296.8	-20.8	-.1	31.0	-14.2
27TH	296.00	13.8	-.9	1554	2294	8.9	-.4	3	50	283.0	-19.9	-.3	27.4	-13.5
28TH	308.33	13.8	-2.1	1554	2294	8.9	-.9	8	49	269.1	-17.8	-.6	24.0	-12.8
		14.4	-2.5	1554	2294	9.3	-1.1	9	49					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 220				TOWER CENTER, DATA ON TOWER B CONFIGURATION C REFERENCE PRESSURE 22.0 PSF										GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
29TH	320.67	15.0	-2.7	1554	2294	9.7	-1.2	9	50	254.7	-15.3	-1.8	20.8	-12.1		
30TH	333.00	15.6	-2.9	1554	2294	10.0	-1.3	9	51	239.7	-12.6	-1.9	17.7	-11.3		
31ST	345.33	16.2	-3.1	1554	2294	10.4	-1.3	10	52	224.1	-9.7	-1.1	14.9	-10.5		
32ND	357.67	17.3	-3.2	1554	2294	11.1	-1.4	9	50	207.9	-6.6	-1.2	12.2	-9.6		
33RD	370.00	21.8	-6.5	1554	2294	14.1	-2.8	12	39	190.6	-3.4	-1.2	9.7	-8.8		
34TH	382.33	23.2	-6.0	1554	2294	14.9	-2.6	10	39	168.8	3.1	-1.2	7.5	-7.8		
35TH	394.67	24.5	-5.4	1554	2294	15.8	-2.4	9	40	145.6	9.1	-1.2	5.6	-6.9		
36TH	407.00	25.9	-4.7	1554	2294	16.7	-2.0	7	41	121.1	14.5	-1.0	3.9	-5.8		
37TH	419.33	18.9	-3.0	1554	2294	12.1	-1.3	6	40	95.2	19.2	-1.8	2.6	-4.8		
38TH	431.67	22.3	1.9	1554	2294	14.3	.8	-4	49	76.3	22.2	-1.6	1.6	-4.0		
39TH	444.00	24.4	8.1	1554	2294	15.7	3.5	-17	52	54.0	20.3	-1.3	.8	-2.9		
40TH	456.33	29.6	12.2	2008	2964	14.7	4.1	-17	43	29.6	12.2	-1.1	.2	-1.5		
TOP	472.27									0.0	0.0	0.0	0.0	0.0		

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									574.4	240.2	-26.5	138.3	-42.3
5TH	24.67	37.0	29.1	3108	4588	11.9	6.3	-33	42	537.4	211.2	-21.0	124.6	-39.8
6TH	37.00	16.2	15.2	1554	2294	10.4	6.6	-35	38	521.2	196.0	-18.5	118.0	-38.6
7TH	49.33	16.4	15.6	1554	2294	10.6	6.8	-35	37	504.8	180.4	-16.1	111.7	-37.5
8TH	61.67	16.6	16.0	1554	2294	10.7	7.0	-34	35	488.2	164.4	-14.0	105.6	-36.4
9TH	74.00	16.8	16.5	1554	2294	10.8	7.2	-33	34	471.4	147.9	-12.1	99.7	-35.2
10TH	86.33	17.0	16.9	1554	2294	10.9	7.4	-32	33	454.4	131.0	-10.4	94.0	-34.1
11TH	98.67	17.2	17.3	1554	2294	11.0	7.6	-32	31	437.2	113.7	-8.9	88.5	-33.1
12TH	111.00	15.3	17.0	1554	2294	9.8	7.4	-38	34	421.9	96.7	-7.6	83.2	-31.9
13TH	123.33	13.5	16.2	1554	2294	8.7	7.0	-44	37	408.4	80.6	-6.5	78.0	-30.7
14TH	135.67	13.2	14.6	1554	2294	8.5	6.4	-45	41	395.1	66.0	-5.6	73.1	-29.5
15TH	148.00	13.0	13.0	1554	2294	8.3	5.6	-45	45	382.2	53.0	-4.8	68.3	-28.3
16TH	160.33	12.7	11.3	1554	2294	8.2	4.9	-44	49	369.5	41.7	-4.2	63.7	-27.2
17TH	172.67	12.4	9.7	1554	2294	8.0	4.2	-43	55	357.1	32.0	-3.8	59.2	-26.1
18TH	185.00	12.1	8.0	1554	2294	7.8	3.5	-40	61	345.0	24.0	-3.4	54.8	-25.0
19TH	197.33	11.8	6.4	1554	2294	7.6	2.8	-36	67	333.2	17.6	-3.2	50.7	-24.0
20TH	209.67	11.5	4.8	1554	2294	7.4	2.1	-30	74	321.7	12.9	-3.0	46.6	-23.0
21ST	222.00	11.5	3.4	1554	2294	7.4	1.5	-23	76	310.2	9.4	-2.9	42.7	-22.0
22ND	234.33	11.8	2.8	1554	2294	7.6	1.2	-18	78	298.4	6.6	-2.8	39.0	-21.1
23RD	246.67	12.0	2.1	1554	2294	7.7	.9	-14	78	286.4	4.5	-2.7	35.4	-20.1
24TH	259.00	12.2	1.5	1554	2294	7.8	.6	-10	79	274.2	3.0	-2.7	31.9	-19.1
25TH	271.33	12.4	.8	1554	2294	8.0	.4	-5	78	261.8	2.2	-2.6	28.6	-18.2
26TH	283.67	12.6	.2	1554	2294	8.1	.1	-1	78	249.2	2.0	-2.6	25.5	-17.2
27TH	296.00	12.8	-.5	1554	2294	8.3	-.2	3	77	236.4	2.5	-2.6	22.5	-16.2
28TH	308.33	13.1	-1.1	1554	2294	8.4	-.5	7	75	223.3	3.6	-2.5	19.6	-15.2
		13.4	-1.6	1554	2294	8.6	-.7	9	75					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B														
WIND DIRECTION 230		CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	13.8	-2.0	1554	2294	8.9	-.9	11	75	209.9	5.2	-2.5	17.0	-14.2
30TH	333.00	14.1	-2.4	1554	2294	9.1	-1.1	13	75	196.1	7.2	-2.4	14.4	-13.1
31ST	345.33	14.5	-2.8	1554	2294	9.3	-1.2	15	75	181.9	9.7	-2.3	12.1	-12.0
32ND	357.67	14.9	-3.3	1554	2294	9.6	-1.4	16	75	167.4	12.5	-2.2	10.0	-10.9
33RD	370.00	17.4	-4.1	1554	2294	11.2	-1.8	15	63	152.5	15.8	-2.0	8.0	-9.7
34TH	382.33	18.0	-3.0	1554	2294	11.6	-1.3	11	63	135.2	19.9	-1.8	6.2	-8.6
35TH	394.67	18.7	-1.8	1554	2294	12.0	-.8	6	63	117.1	22.9	-1.5	4.7	-7.4
36TH	407.00	19.3	-.7	1554	2294	12.4	-.3	2	64	98.5	24.7	-1.2	3.3	-6.2
37TH	419.33	14.0	-.7	1554	2294	9.0	-.3	3	52	79.2	25.4	-.9	2.2	-5.0
38TH	431.67	18.3	4.5	1554	2294	11.8	2.0	-14	58	65.2	26.2	-.6	1.3	-4.3
39TH	444.00	21.1	11.0	1554	2294	13.6	4.8	-30	58	46.8	21.6	-.3	.7	-3.1
40TH	456.33	25.7	10.6	2008	2964	12.8	3.6	-22	53	25.7	10.6	-.1	.2	-1.6
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B													
WIND DIRECTION 240		CONFIGURATION C								REFERENCE PRESSURE 22.0 PSF			
		FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
FLOOR	HEIGHT	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
4TH	0.00									512.0	-53.3	46.1	116.7
5TH	24.67	38.4	18.2	3108	4588	12.4	4.0	-18	38	473.5	-71.5	44.6	104.6
6TH	37.00	16.4	9.6	1554	2294	10.5	4.2	-24	40	457.2	-81.1	43.7	98.9
7TH	49.33	16.6	9.9	1554	2294	10.7	4.3	-25	41	440.6	-91.0	42.6	93.3
8TH	61.67	16.8	10.2	1554	2294	10.8	4.4	-26	42	423.7	-101.2	41.4	88.0
9TH	74.00	17.0	10.5	1554	2294	11.0	4.6	-26	43	406.7	-111.7	40.1	82.9
10TH	86.33	17.2	10.8	1554	2294	11.1	4.7	-27	44	389.5	-122.5	38.7	78.0
11TH	98.67	17.5	11.1	1554	2294	11.2	4.8	-28	44	372.0	-133.5	37.1	73.3
12TH	111.00	15.4	10.5	1554	2294	9.9	4.6	-37	54	356.6	-144.1	35.4	68.8
13TH	123.33	13.5	9.6	1554	2294	8.7	4.2	-47	66	343.1	-153.7	33.5	64.5
14TH	135.67	13.0	7.7	1554	2294	8.3	3.4	-45	75	330.1	-161.4	31.6	60.3
15TH	148.00	12.4	5.7	1554	2294	8.0	2.5	-40	86	317.7	-167.1	29.6	56.3
16TH	160.33	11.9	3.7	1554	2294	7.6	1.6	-31	98	305.8	-170.8	27.5	52.5
17TH	172.67	11.3	1.8	1554	2294	7.3	.8	-17	108	294.5	-172.6	25.4	48.8
18TH	185.00	10.8	-.2	1554	2294	6.9	-.1	2	115	283.7	-172.3	23.2	45.2
19TH	197.33	10.2	-2.2	1554	2294	6.6	-1.0	24	113	273.5	-170.1	21.1	41.8
20TH	209.67	9.7	-4.2	1554	2294	6.2	-1.8	45	104	263.8	-166.0	19.0	38.4
21ST	222.00	9.5	-5.8	1554	2294	6.1	-2.5	54	90	254.2	-160.2	17.0	35.3
22ND	234.33	9.7	-6.6	1554	2294	6.2	-2.9	58	85	244.6	-153.7	15.1	32.2
23RD	246.67	9.8	-7.3	1554	2294	6.3	-3.2	60	80	234.8	-146.3	13.3	29.2
24TH	259.00	9.9	-8.1	1554	2294	6.4	-3.5	62	75	224.9	-138.2	11.5	26.4
25TH	271.33	10.0	-8.9	1554	2294	6.4	-3.9	64	71	214.9	-129.2	9.8	23.7
26TH	283.67	10.1	-9.7	1554	2294	6.5	-4.2	64	67	204.8	-119.5	8.3	21.1
27TH	296.00	10.2	-10.5	1554	2294	6.6	-4.6	65	63	194.6	-109.0	6.9	18.6
28TH	308.33	10.3	-11.3	1554	2294	6.7	-4.9	65	60	184.3	-97.7	5.6	16.3
		10.8	-11.3	1554	2294	6.9	-4.9	65	62				

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									173.5	-86.4	4.5	14.1	-15.8
30TH	333.00	11.2	-11.1	1554	2294	7.2	-4.8	64	65	162.2	-75.3	3.5	12.0	-14.3
31ST	345.33	11.7	-10.8	1554	2294	7.5	-4.7	64	69	150.6	-64.5	2.6	10.1	-12.8
32ND	357.67	12.1	-10.6	1554	2294	7.8	-4.6	63	72	138.5	-53.9	1.9	8.3	-11.3
33RD	370.00	12.6	-10.3	1554	2294	8.1	-4.5	62	75	125.9	-43.5	1.3	6.7	-9.7
34TH	382.33	14.5	-9.5	1554	2294	9.3	-4.1	49	75	111.4	-34.1	.8	5.2	-8.1
35TH	394.67	14.6	-8.4	1554	2294	9.4	-3.7	46	80	96.8	-25.7	.5	3.9	-6.6
36TH	407.00	14.6	-7.7	1554	2294	9.4	-3.4	42	80	82.2	-18.0	.2	2.8	-5.1
37TH	419.33	14.7	-7.2	1554	2294	9.5	-3.1	35	72	67.5	-10.8	.0	1.9	-3.8
38TH	431.67	11.8	-9.0	1554	2294	7.6	-3.9	24	31	55.7	-1.8	-.1	1.1	-3.2
39TH	444.00	16.0	-5.4	1554	2294	10.3	-2.3	16	47	39.7	3.6	-.1	.5	-2.4
40TH	456.33	18.5	1.5	1554	2294	11.9	.7	-5	64	21.3	2.1	-.0	.2	-1.2
TOP	472.27	21.3	2.1	2008	2964	10.6	.7	-5	55	0.0	0.0	0.0	0.0	0.0

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TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									481.1	-587.3	192.4	103.6	-34.1
5TH	24.67	38.9	3.3	3108	4588	12.5	.7	-3	39	442.2	-590.6	177.9	92.2	-32.6
6TH	37.00	17.6	1.6	1554	2294	11.3	.7	-4	42	424.7	-592.3	170.6	86.9	-31.8
7TH	49.33	17.7	1.6	1554	2294	11.4	.7	-4	43	407.0	-593.8	163.3	81.7	-31.0
8TH	61.67	17.7	1.5	1554	2294	11.4	.7	-4	44	389.3	-595.4	155.9	76.8	-30.2
9TH	74.00	17.8	1.5	1554	2294	11.5	.7	-4	45	371.4	-596.9	148.6	72.1	-29.4
10TH	86.33	17.9	1.5	1554	2294	11.5	.6	-4	46	353.5	-598.4	141.2	67.7	-28.6
11TH	98.67	18.0	1.4	1554	2294	11.6	.6	-4	47	335.5	-599.8	133.8	63.4	-27.7
12TH	111.00	16.1	.8	1554	2294	10.4	.3	-3	60	319.4	-600.6	126.4	59.4	-26.8
13TH	123.33	14.2	-.2	1554	2294	9.2	-.1	1	75	305.1	-600.4	119.0	55.5	-25.7
14TH	135.67	13.4	-2.2	1554	2294	8.6	-1.0	13	77	291.7	-598.1	111.6	51.8	-24.6
15TH	148.00	12.6	-4.4	1554	2294	8.1	-1.9	27	75	279.2	-593.7	104.3	48.3	-23.6
16TH	160.33	11.7	-6.6	1554	2294	7.6	-2.9	39	69	267.4	-587.1	97.0	45.0	-22.5
17TH	172.67	10.9	-8.8	1554	2294	7.0	-3.8	48	59	256.5	-578.3	89.8	41.7	-21.4
18TH	185.00	10.1	-11.0	1554	2294	6.5	-4.8	53	48	246.5	-567.3	82.7	38.6	-20.4
19TH	197.33	9.2	-13.2	1554	2294	5.9	-5.7	54	38	237.3	-554.1	75.8	35.6	-19.3
20TH	209.67	8.4	-15.4	1554	2294	5.4	-6.7	54	29	228.9	-538.8	69.1	32.8	-18.2
21ST	222.00	8.2	-17.5	1554	2294	5.3	-7.6	50	23	220.7	-521.3	62.6	30.0	-17.2
22ND	234.33	8.4	-19.5	1554	2294	5.4	-8.5	46	20	212.3	-501.8	56.2	27.3	-16.1
23RD	246.67	8.6	-21.5	1554	2294	5.6	-9.4	43	17	203.6	-480.3	50.2	24.8	-15.0
24TH	259.00	8.9	-23.4	1554	2294	5.7	-10.2	41	15	194.8	-456.9	44.4	22.3	-13.9
25TH	271.33	9.1	-25.4	1554	2294	5.8	-11.1	38	14	185.7	-431.5	38.9	20.0	-12.8
26TH	283.67	9.3	-27.4	1554	2294	6.0	-12.0	36	12	176.4	-404.0	33.8	17.7	-11.7
27TH	296.00	9.5	-29.4	1554	2294	6.1	-12.8	35	11	166.8	-374.6	29.0	15.6	-10.6
28TH	308.33	9.8	-31.4	1554	2294	6.3	-13.7	33	10	157.1	-343.2	24.5	13.6	-9.5
		10.0	-31.6	1554	2294	6.4	-13.8	32	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	10.3	-31.3	1554	2294	6.6	-13.7	32	10	147.1	-311.6	20.5	11.7	-8.3
30TH	333.00	10.5	-31.1	1554	2294	6.8	-13.5	32	11	136.8	-280.3	16.9	10.0	-7.2
31ST	345.33	10.8	-30.8	1554	2294	6.9	-13.4	31	11	126.3	-249.2	13.6	8.4	-6.1
32ND	357.67	10.7	-30.5	1554	2294	6.9	-13.3	32	11	115.5	-218.4	10.7	6.9	-5.0
33RD	370.00	12.1	-29.3	1554	2294	7.8	-12.8	29	12	104.8	-187.9	8.2	5.5	-4.0
34TH	382.33	12.0	-27.9	1554	2294	7.8	-12.2	29	12	92.6	-158.6	6.1	4.3	-3.0
35TH	394.67	11.9	-26.8	1554	2294	7.6	-11.7	25	11	80.6	-130.7	4.3	3.2	-2.0
36TH	407.00	11.8	-26.2	1554	2294	7.6	-11.4	15	7	68.7	-103.9	2.8	2.3	-1.2
37TH	419.33	11.2	-25.3	1554	2294	7.2	-11.0	-1	-1	56.9	-77.7	1.7	1.5	-.8
38TH	431.67	14.1	-21.7	1554	2294	9.1	-9.4	5	3	45.7	-52.4	.9	.9	-.8
39TH	444.00	15.4	-15.7	1554	2294	9.9	-6.8	12	12	31.5	-30.7	.4	.4	-.7
40TH	456.33	16.1	-15.0	2008	2964	8.0	-5.1	9	10	16.1	-15.0	.1	.1	-.3
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260 CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									367.3	-1085.6	333.3	69.6	-12.1
5TH	24.67	36.4	-14.5	3108	4588	11.7	-3.2	9	23	330.9	-1071.0	306.7	61.0	-11.2
6TH	37.00	16.2	-7.3	1554	2294	10.4	-3.2	11	23	314.7	-1063.7	293.5	57.0	-10.7
7TH	49.33	16.0	-7.4	1554	2294	10.3	-3.2	11	24	298.7	-1056.3	280.5	53.3	-10.3
8TH	61.67	15.8	-7.4	1554	2294	10.2	-3.2	12	25	282.8	-1048.9	267.5	49.7	-9.8
9TH	74.00	15.6	-7.5	1554	2294	10.1	-3.3	12	25	267.2	-1041.4	254.6	46.3	-9.3
10TH	86.33	15.4	-7.5	1554	2294	9.9	-3.3	13	26	251.7	-1033.9	241.8	43.1	-8.8
11TH	98.67	15.3	-7.6	1554	2294	9.8	-3.3	13	27	236.5	-1026.3	229.1	40.1	-8.3
12TH	111.00	13.7	-7.8	1554	2294	8.8	-3.4	18	32	222.8	-1018.4	216.5	37.2	-7.7
13TH	123.33	12.2	-8.2	1554	2294	7.9	-3.6	25	37	210.5	-1010.2	204.0	34.6	-7.1
14TH	135.67	11.5	-10.0	1554	2294	7.4	-4.4	28	32	199.0	-1000.2	191.6	32.0	-6.4
15TH	148.00	10.8	-12.0	1554	2294	6.9	-5.2	30	27	188.3	-988.2	179.3	29.6	-5.7
16TH	160.33	10.0	-14.0	1554	2294	6.4	-6.1	31	22	178.3	-974.2	167.2	27.4	-5.1
17TH	172.67	9.3	-16.0	1554	2294	6.0	-7.0	31	18	169.0	-958.2	155.3	25.2	-4.4
18TH	185.00	8.5	-17.9	1554	2294	5.5	-7.8	30	14	160.4	-940.2	143.6	23.2	-3.8
19TH	197.33	7.8	-19.9	1554	2294	5.0	-8.7	29	11	152.6	-920.3	132.1	21.3	-3.1
20TH	209.67	7.1	-21.9	1554	2294	4.5	-9.5	28	9	145.6	-898.4	120.9	19.4	-2.4
21ST	222.00	6.8	-24.4	1554	2294	4.4	-10.6	25	7	138.8	-874.0	110.0	17.7	-1.8
22ND	234.33	6.8	-27.9	1554	2294	4.4	-12.2	21	5	132.0	-846.1	99.4	16.0	-1.1
23RD	246.67	6.8	-31.5	1554	2294	4.4	-13.7	18	4	125.3	-814.6	89.1	14.4	-.6
24TH	259.00	6.8	-35.0	1554	2294	4.4	-15.3	15	3	118.5	-779.6	79.3	12.9	-.0
25TH	271.33	6.8	-38.6	1554	2294	4.4	-16.8	13	2	111.7	-741.0	69.9	11.5	.5
26TH	283.67	6.8	-42.1	1554	2294	4.4	-18.3	11	2	105.0	-698.9	61.0	10.2	.9
27TH	296.00	6.8	-45.6	1554	2294	4.4	-19.9	9	1	98.2	-653.3	52.7	8.9	1.4
28TH	308.33	6.8	-49.2	1554	2294	4.4	-21.4	8	1	91.4	-604.1	44.9	7.8	1.7
		6.7	-50.3	1554	2294	4.3	-21.9	6	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAVOR CENTER, DATA ON TOWER B														
WIND DIRECTION 260		CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	6.7	-50.8	1554	2294	4.3	-22.2	5	1	84.7	-553.8	37.8	6.7	2.1
30TH	333.00	6.7	-51.4	1554	2294	4.3	-22.4	4	1	78.0	-502.9	31.3	5.7	2.3
31ST	345.33	6.7	-51.9	1554	2294	4.3	-22.6	3	0	71.3	-451.6	25.4	4.7	2.5
32ND	357.67	6.5	-52.4	1554	2294	4.2	-22.8	2	0	64.6	-399.7	20.1	3.9	2.7
33RD	370.00	7.0	-52.1	1554	2294	4.5	-22.7	-0	-0	58.1	-347.4	15.5	3.1	2.8
34TH	382.33	6.4	-51.8	1554	2294	4.1	-22.6	-2	-0	51.1	-295.3	11.6	2.5	2.8
35TH	394.67	5.8	-50.0	1554	2294	3.8	-21.8	-4	-0	44.7	-243.5	8.3	1.9	2.7
36TH	407.00	5.3	-46.7	1554	2294	3.4	-20.3	-6	-1	38.9	-193.5	5.6	1.4	2.5
37TH	419.33	6.5	-41.6	1554	2294	4.2	-18.1	-14	-2	33.5	-146.8	3.5	.9	2.2
38TH	431.67	8.0	-39.0	1554	2294	5.2	-17.0	-15	-3	27.1	-105.3	1.9	.5	1.6
39TH	444.00	8.9	-35.2	1554	2294	5.7	-15.3	-14	-3	19.0	-66.2	.8	.3	1.0
40TH	456.33	10.2	-31.0	2008	2964	5.1	-10.5	-14	-4	10.2	-31.0	.2	.1	.5
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

TABOR CENTER, DATA ON TOWER 8
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	31.4	-34.7	3108	4588	10.1	-7.6	3	3	202.2	-1579.2	463.1	17.1	4.1
5TH	24.67	14.9	-17.7	1554	2294	9.6	-7.7	4	3	170.8	-1544.5	424.5	12.5	4.3
6TH	37.00	14.6	-17.8	1554	2294	9.4	-7.8	5	4	155.9	-1526.8	405.6	10.5	4.4
7TH	49.33	14.4	-18.0	1554	2294	9.3	-7.8	5	4	141.3	-1509.0	386.9	8.7	4.5
8TH	61.67	14.2	-18.1	1554	2294	9.1	-7.9	6	5	126.9	-1491.0	368.4	7.0	4.7
9TH	74.00	14.0	-18.3	1554	2294	9.0	-8.0	6	5	112.7	-1472.9	350.1	5.6	4.9
10TH	86.33	13.7	-18.5	1554	2294	8.8	-8.0	7	5	98.7	-1454.6	332.0	4.3	5.1
11TH	98.67	12.3	-18.6	1554	2294	7.9	-8.1	10	7	85.0	-1436.1	314.2	3.1	5.3
12TH	111.00	10.9	-18.7	1554	2294	7.0	-8.2	14	8	72.7	-1417.5	296.6	2.1	5.5
13TH	123.33	10.1	-20.5	1554	2294	6.5	-8.9	14	7	61.8	-1398.8	279.3	1.3	5.9
14TH	135.67	9.3	-22.5	1554	2294	6.0	-9.8	14	6	51.7	-1378.3	262.1	.6	6.3
15TH	148.00	8.5	-24.4	1554	2294	5.5	-10.7	13	5	42.4	-1355.8	245.3	.0	6.6
16TH	160.33	7.7	-26.4	1554	2294	5.0	-11.5	13	4	33.9	-1331.3	228.7	-.4	7.0
17TH	172.67	6.9	-28.4	1554	2294	4.4	-12.4	12	3	26.2	-1304.9	212.4	-.8	7.3
18TH	185.00	6.1	-30.3	1554	2294	3.9	-13.2	12	2	19.3	-1276.6	196.5	-1.1	7.7
19TH	197.33	5.3	-32.3	1554	2294	3.4	-14.1	11	2	13.2	-1246.2	181.0	-1.3	8.1
20TH	209.67	4.7	-34.9	1554	2294	3.0	-15.2	10	1	7.9	-1213.9	165.8	-1.4	8.5
21ST	222.00	4.3	-38.8	1554	2294	2.7	-16.9	7	1	3.2	-1179.0	151.0	-1.5	8.8
22ND	234.33	3.8	-42.6	1554	2294	2.4	-18.6	5	0	-1.1	-1140.3	136.7	-1.5	9.1
23RD	246.67	3.3	-46.5	1554	2294	2.2	-20.3	3	0	-4.9	-1097.7	122.9	-1.5	9.3
24TH	259.00	2.9	-50.3	1554	2294	1.9	-21.9	1	0	-8.2	-1051.2	109.7	-1.4	9.5
25TH	271.33	2.4	-54.2	1554	2294	1.6	-23.6	-0	-0	-11.1	-1000.9	97.0	-1.3	9.5
26TH	283.67	2.0	-58.0	1554	2294	1.3	-25.3	-1	-0	-13.6	-946.7	85.0	-1.1	9.5
27TH	296.00	1.5	-61.9	1554	2294	1.0	-27.0	-2	-0	-15.5	-888.7	73.7	-.9	9.5
28TH	308.33	.6	-63.9	1554	2294	.4	-27.9	-4	-0	-17.0	-826.8	63.1	-.7	9.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	- .3	-65.5	1554	2294	- .2	-28.5	-5	0	-17.6	-762.9	53.3	-.5	9.1
30TH	333.00	-1.2	-67.1	1554	2294	-.8	-29.2	-6	0	-17.3	-697.4	44.3	-.3	8.7
31ST	345.33	-2.2	-68.6	1554	2294	-1.4	-29.9	-7	0	-16.1	-630.4	36.1	-.1	8.3
32ND	357.67	-3.6	-70.2	1554	2294	-2.3	-30.6	-8	0	-13.9	-561.7	28.8	.1	7.9
33RD	370.00	-3.9	-71.2	1554	2294	-2.5	-31.0	-9	1	-10.4	-491.6	22.3	.2	7.3
34TH	382.33	-4.3	-71.7	1554	2294	-2.8	-31.2	-10	1	-6.4	-420.4	16.7	.4	6.7
35TH	394.67	-4.9	-70.4	1554	2294	-3.2	-30.7	-12	1	-2.1	-348.7	11.9	.4	5.9
36TH	407.00	-5.4	-67.5	1554	2294	-3.5	-29.4	-14	1	2.8	-278.3	8.0	.4	5.1
37TH	419.33	- .7	-57.9	1554	2294	-.5	-25.2	-17	0	8.3	-210.8	5.0	.3	4.1
38TH	431.67	1.1	-55.2	1554	2294	.7	-24.1	-19	-0	9.0	-152.9	2.8	.2	3.1
39TH	444.00	2.7	-52.3	1554	2294	1.7	-22.8	-20	-1	7.9	-97.7	1.2	.1	2.1
40TH	456.33	5.2	-45.4	2008	2964	2.6	-15.3	-22	-2	5.2	-45.4	.4	.0	1.0
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	33.3	-57.9	3108	4588	10.7	-12.6	-2	-1	1.2	-2182.0	597.5	-45.7	17.5
5TH	24.67	14.9	-30.6	1554	2294	9.6	-13.3	-0	-0	-32.1	-2124.1	544.4	-45.3	17.3
6TH	37.00	14.3	-31.6	1554	2294	9.2	-13.8	-0	-0	-47.0	-2093.5	518.3	-44.8	17.3
7TH	49.33	13.7	-32.6	1554	2294	8.8	-14.2	0	0	-61.3	-2061.9	492.7	-44.2	17.3
8TH	61.67	13.2	-33.6	1554	2294	8.5	-14.6	1	0	-75.0	-2029.3	467.5	-43.3	17.3
9TH	74.00	12.6	-34.6	1554	2294	8.1	-15.1	1	0	-88.2	-1995.6	442.7	-42.3	17.4
10TH	86.33	12.1	-35.6	1554	2294	7.8	-15.5	1	0	-100.8	-1961.0	418.3	-41.2	17.4
11TH	98.67	10.4	-36.8	1554	2294	6.7	-16.0	3	1	-112.9	-1925.4	394.3	-39.8	17.5
12TH	111.00	8.7	-38.0	1554	2294	5.6	-16.6	5	1	-123.2	-1888.7	370.8	-38.4	17.6
13TH	123.33	7.6	-40.1	1554	2294	4.9	-17.5	4	1	-132.0	-1850.6	347.7	-36.8	17.8
14TH	135.67	6.5	-42.2	1554	2294	4.2	-18.4	3	0	-139.6	-1810.5	325.2	-35.1	17.9
15TH	148.00	5.5	-44.3	1554	2294	3.5	-19.3	2	0	-146.1	-1768.4	303.1	-33.4	18.1
16TH	160.33	4.4	-46.4	1554	2294	2.8	-20.2	2	0	-151.6	-1724.0	281.5	-31.5	18.2
17TH	172.67	3.3	-48.5	1554	2294	2.1	-21.2	1	0	-156.0	-1677.6	260.6	-29.6	18.3
18TH	185.00	2.2	-50.7	1554	2294	1.4	-22.1	0	0	-159.2	-1629.1	240.2	-27.7	18.3
19TH	197.33	1.1	-52.8	1554	2294	.7	-23.0	-0	-0	-161.5	-1578.4	220.4	-25.7	18.3
20TH	209.67	.0	-55.3	1554	2294	.0	-24.1	-1	-0	-162.6	-1525.6	201.3	-23.7	18.3
21ST	222.00	-1.1	-58.5	1554	2294	-.7	-25.5	-3	0	-162.6	-1470.4	182.8	-21.7	18.3
22ND	234.33	-2.3	-61.7	1554	2294	-1.5	-26.9	-4	0	-161.4	-1411.9	165.0	-19.7	18.1
23RD	246.67	-3.4	-64.9	1554	2294	-2.2	-28.3	-6	0	-159.1	-1350.2	148.0	-17.7	17.8
24TH	259.00	-4.6	-68.1	1554	2294	-3.0	-29.7	-7	0	-155.7	-1285.3	131.7	-15.8	17.5
25TH	271.33	-5.7	-71.3	1554	2294	-3.7	-31.1	-8	1	-151.1	-1217.1	116.3	-13.9	17.0
26TH	283.67	-6.9	-74.6	1554	2294	-4.4	-32.5	-9	1	-145.3	-1145.8	101.7	-12.1	16.4
27TH	296.00	-8.1	-77.8	1554	2294	-5.2	-33.9	-10	1	-138.4	-1071.2	88.0	-10.3	15.7
28TH	308.33	-9.3	-79.5	1554	2294	-6.0	-34.6	-11	1	-130.4	-993.5	75.3	-8.7	14.9

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-10.5	-80.8	1554	2294	-6.8	-35.2	-11	1	-121.1	-914.0	63.6	-7.1	14.1
30TH	333.00	-11.8	-82.1	1554	2294	-7.6	-35.8	-12	2	-110.6	-833.2	52.8	-5.7	13.2
31ST	345.33	-13.0	-83.4	1554	2294	-8.4	-36.4	-12	2	-98.8	-751.1	43.0	-4.4	12.2
32ND	357.67	-14.2	-84.7	1554	2294	-9.2	-36.9	-12	2	-85.8	-667.7	34.3	-3.3	11.2
33RD	370.00	-14.9	-85.6	1554	2294	-9.6	-37.3	-13	2	-71.6	-583.0	26.5	-2.3	10.1
34TH	382.33	-14.6	-84.9	1554	2294	-9.4	-37.0	-14	2	-56.6	-497.3	19.9	-1.5	8.9
35TH	394.67	-14.3	-82.8	1554	2294	-9.2	-36.1	-15	3	-42.0	-412.4	14.3	-.9	7.7
36TH	407.00	-13.9	-78.9	1554	2294	-8.9	-34.4	-17	3	-27.7	-329.6	9.7	-.5	6.4
37TH	419.33	-6.0	-65.9	1554	2294	-3.8	-28.7	-18	2	-13.8	-250.7	6.1	-.2	5.1
38TH	431.67	-4.9	-63.9	1554	2294	-3.1	-27.8	-20	1	-7.9	-184.7	3.4	-.1	3.9
39TH	444.00	-3.2	-63.7	1554	2294	-2.1	-27.8	-20	1	-3.0	-120.9	1.6	-.0	2.6
40TH	456.33	.2	-57.2	2008	2964	.1	-19.3	-23	-0	.2	-57.2	.5	.0	1.3
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	34.9	-78.5	3108	4588	11.2	-17.1	-5	-2	-175.9	-2522.4	648.3	-86.1	28.2
5TH	24.67	13.2	-41.7	1554	2294	8.5	-18.2	-5	-2	-210.8	-2443.9	587.0	-81.3	27.7
6TH	37.00	12.1	-43.2	1554	2294	7.8	-18.8	-5	-1	-224.0	-2402.2	557.2	-78.7	27.4
7TH	49.33	10.9	-44.8	1554	2294	7.0	-19.5	-6	-1	-236.1	-2359.0	527.8	-75.8	27.2
8TH	61.67	9.8	-46.3	1554	2294	6.3	-20.2	-6	-1	-247.0	-2314.3	499.0	-72.8	26.9
9TH	74.00	8.7	-47.8	1554	2294	5.6	-20.8	-6	-1	-256.8	-2268.0	470.7	-69.7	26.7
10TH	86.33	7.6	-49.3	1554	2294	4.9	-21.5	-6	-1	-265.5	-2220.2	443.0	-66.5	26.4
11TH	98.67	5.2	-51.0	1554	2294	3.3	-22.2	-5	-1	-273.0	-2170.8	416.0	-63.2	26.0
12TH	111.00	2.9	-52.7	1554	2294	1.8	-23.0	-4	-0	-278.2	-2119.8	389.5	-59.8	25.8
13TH	123.33	1.4	-55.3	1554	2294	.9	-24.1	-5	-0	-281.1	-2067.1	363.7	-56.4	25.6
14TH	135.67	.0	-57.9	1554	2294	.0	-25.2	-6	-0	-282.5	-2011.8	338.5	-52.9	25.3
15TH	148.00	-1.4	-60.5	1554	2294	-.9	-26.4	-7	0	-282.5	-1953.9	314.1	-49.4	25.0
16TH	160.33	-2.9	-63.2	1554	2294	-1.8	-27.5	-7	0	-281.1	-1893.3	290.4	-45.9	24.6
17TH	172.67	-4.3	-65.8	1554	2294	-2.8	-28.7	-8	1	-278.2	-1830.1	267.4	-42.5	24.1
18TH	185.00	-5.7	-68.4	1554	2294	-3.7	-29.8	-8	1	-273.9	-1764.3	245.2	-39.1	23.6
19TH	197.33	-7.1	-71.1	1554	2294	-4.6	-31.0	-9	1	-268.2	-1695.9	223.9	-35.7	23.0
20TH	209.67	-8.3	-73.4	1554	2294	-5.3	-32.0	-9	1	-261.1	-1624.8	203.4	-32.5	22.4
21ST	222.00	-9.3	-75.3	1554	2294	-6.0	-32.8	-10	1	-252.8	-1551.4	183.8	-29.3	21.7
22ND	234.33	-10.3	-77.2	1554	2294	-6.6	-33.7	-10	1	-243.5	-1476.1	165.2	-26.2	20.9
23RD	246.67	-11.3	-79.1	1554	2294	-7.3	-34.5	-10	1	-233.2	-1398.9	147.4	-23.3	20.1
24TH	259.00	-12.3	-81.0	1554	2294	-7.9	-35.3	-11	2	-221.9	-1319.8	130.7	-20.5	19.3
25TH	271.33	-13.3	-82.9	1554	2294	-8.6	-36.1	-11	2	-209.5	-1238.8	114.9	-17.8	18.4
26TH	283.67	-14.3	-84.8	1554	2294	-9.2	-37.0	-11	2	-196.2	-1155.9	100.1	-15.3	17.5
27TH	296.00	-15.3	-86.7	1554	2294	-9.8	-37.8	-11	2	-181.9	-1071.1	86.4	-13.0	16.5
28TH	308.33	-15.8	-86.3	1554	2294	-10.1	-37.6	-12	2	-166.7	-984.5	73.7	-10.8	15.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B														
WIND DIRECTION 290		CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-16.3	-85.3	1554	2294	-10.5	-37.2	-13	2	-150.9	-898.2	62.1	-8.9	14.4
30TH	333.00	-16.7	-84.3	1554	2294	-10.8	-36.7	-13	3	-134.6	-812.9	51.5	-7.1	13.3
31ST	345.33	-17.2	-83.3	1554	2294	-11.1	-36.3	-14	3	-117.9	-728.6	42.0	-5.6	12.2
32ND	357.67	-16.6	-82.3	1554	2294	-10.7	-35.9	-15	3	-100.7	-645.3	33.6	-4.2	11.0
33RD	370.00	-16.4	-81.7	1554	2294	-10.6	-35.6	-15	3	-84.0	-563.0	26.1	-3.1	9.7
34TH	382.33	-16.1	-80.6	1554	2294	-10.4	-35.1	-16	3	-67.6	-481.3	19.7	-2.1	8.4
35TH	394.67	-15.6	-78.0	1554	2294	-10.0	-34.0	-16	3	-51.5	-400.7	14.2	-1.4	7.1
36TH	407.00	-15.0	-74.1	1554	2294	-9.7	-32.3	-18	4	-35.9	-322.7	9.8	-.9	5.8
37TH	419.33	-5.3	-61.0	1554	2294	-3.4	-26.6	-17	1	-20.8	-248.6	6.3	-.5	4.4
38TH	431.67	-5.4	-61.8	1554	2294	-3.5	-26.9	-17	1	-15.5	-187.6	3.6	-.3	3.3
39TH	444.00	-5.1	-65.4	1554	2294	-3.3	-28.5	-16	1	-10.1	-125.8	1.6	-.1	2.3
40TH	456.33	-5.0	-60.4	2008	2964	-2.5	-20.4	-20	2	-5.0	-60.4	.5	-.0	1.2
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 300

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-177.1	-2507.1	644.2	-84.6	22.8
5TH	24.67	43.4	-74.2	3108	4588	14.0	-16.2	0	0	-220.5	-2432.9	583.3	-79.7	22.8
6TH	37.00	15.6	-40.0	1554	2294	10.1	-17.4	-1	-0	-236.1	-2392.9	553.5	-76.9	22.8
7TH	49.33	13.9	-42.0	1554	2294	9.0	-18.3	-2	-1	-250.0	-2351.0	524.3	-73.9	22.7
8TH	61.67	12.2	-43.9	1554	2294	7.8	-19.1	-4	-1	-262.2	-2307.0	495.6	-70.8	22.5
9TH	74.00	10.5	-45.9	1554	2294	6.7	-20.0	-5	-1	-272.7	-2261.1	467.4	-67.5	22.3
10TH	86.33	8.7	-47.9	1554	2294	5.6	-20.9	-6	-1	-281.4	-2213.3	439.8	-64.1	22.0
11TH	98.67	7.0	-49.8	1554	2294	4.5	-21.7	-7	-1	-288.4	-2163.5	412.8	-60.5	21.6
12TH	111.00	3.9	-52.0	1554	2294	2.5	-22.7	-7	-0	-292.3	-2111.5	386.5	-57.0	21.3
13TH	123.33	1.0	-54.2	1554	2294	.6	-23.6	-6	-0	-293.3	-2057.3	360.8	-53.3	21.0
14TH	135.67	-.6	-56.8	1554	2294	-.4	-24.8	-7	0	-292.7	-2000.5	335.7	-49.7	20.6
15TH	148.00	-2.2	-59.5	1554	2294	-1.4	-25.9	-7	0	-290.5	-1941.0	311.4	-46.1	20.2
16TH	160.33	-3.8	-62.1	1554	2294	-2.5	-27.1	-8	0	-286.7	-1878.9	287.9	-42.6	19.7
17TH	172.67	-5.4	-64.7	1554	2294	-3.5	-28.2	-8	1	-281.3	-1814.2	265.1	-39.1	19.2
18TH	185.00	-7.0	-67.4	1554	2294	-4.5	-29.4	-8	1	-274.3	-1746.8	243.1	-35.6	18.6
19TH	197.33	-8.6	-70.0	1554	2294	-5.5	-30.5	-9	1	-265.6	-1676.8	222.0	-32.3	18.0
20TH	209.67	-10.2	-72.6	1554	2294	-6.6	-31.7	-9	1	-255.4	-1604.2	201.8	-29.1	17.3
21ST	222.00	-11.2	-74.8	1554	2294	-7.2	-32.6	-9	1	-244.2	-1529.4	182.5	-26.0	16.6
22ND	234.33	-11.8	-76.0	1554	2294	-7.6	-33.1	-9	1	-232.4	-1453.3	164.1	-23.1	15.9
23RD	246.67	-12.4	-77.3	1554	2294	-8.0	-33.7	-9	1	-220.0	-1376.0	146.6	-20.3	15.2
24TH	259.00	-13.0	-78.5	1554	2294	-8.4	-34.2	-9	2	-207.0	-1297.5	130.1	-17.7	14.4
25TH	271.33	-13.6	-79.7	1554	2294	-8.8	-34.8	-9	2	-193.4	-1217.8	114.6	-15.2	13.6
26TH	283.67	-14.2	-81.0	1554	2294	-9.1	-35.3	-10	2	-179.2	-1136.8	100.1	-12.9	12.8
27TH	296.00	-14.8	-82.2	1554	2294	-9.5	-35.8	-10	2	-164.4	-1054.6	86.6	-10.8	12.0
28TH	308.33	-15.4	-83.5	1554	2294	-9.9	-36.4	-10	2	-149.0	-971.1	74.1	-8.8	11.2
		-15.6	-83.0	1554	2294	-10.1	-36.2	-10	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 300				TOWER CENTER, DATA ON TOWER B CONFIGURATION CREFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-15.9	-82.2	1554	2294	-10.2	-35.8	-10	2	-133.4	-888.1	62.6	-7.1	10.3
30TH	333.00	-16.2	-81.3	1554	2294	-10.4	-35.4	-11	2	-117.5	-805.9	52.2	-5.6	9.4
31ST	345.33	-16.4	-80.4	1554	2294	-10.6	-35.0	-11	2	-101.4	-724.6	42.8	-4.2	8.5
32ND	357.67	-15.9	-79.5	1554	2294	-10.2	-34.7	-12	2	-84.9	-644.2	34.3	-3.1	7.6
33RD	370.00	-15.8	-79.1	1554	2294	-10.2	-34.5	-12	2	-69.1	-564.7	26.9	-2.1	6.6
34TH	382.33	-15.2	-78.5	1554	2294	-9.8	-34.2	-12	2	-53.2	-485.6	20.4	-1.4	5.6
35TH	394.67	-14.5	-76.3	1554	2294	-9.3	-33.3	-13	2	-38.0	-407.1	14.9	-.8	4.6
36TH	407.00	-13.7	-72.6	1554	2294	-8.8	-31.7	-14	3	-23.5	-330.8	10.3	-.4	3.6
37TH	419.33	-3.5	-58.4	1554	2294	-2.3	-25.5	-10	1	-9.8	-258.1	6.7	-.2	2.5
38TH	431.67	-2.7	-62.5	1554	2294	-1.7	-27.2	-10	0	-6.3	-199.7	3.9	-.1	2.0
39TH	444.00	-1.9	-70.3	1554	2294	-1.2	-30.7	-9	0	-3.6	-137.2	1.8	-.0	1.4
40TH	456.33	-1.7	-66.9	2008	2964	-.8	-22.6	-11	0	-1.7	-66.9	.5	-.0	.7
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-126.7	-2581.9	666.4	-68.7	15.2
5TH	24.67	44.7	-73.2	3108	4588	14.4	-16.0	5	3	-171.5	-2508.6	603.6	-65.0	15.6
6TH	37.00	14.5	-40.0	1554	2294	9.3	-17.5	3	1	-185.9	-2468.6	572.9	-62.8	15.8
7TH	49.33	12.8	-42.4	1554	2294	8.2	-18.5	1	0	-198.7	-2426.1	542.7	-60.5	15.8
8TH	61.67	11.1	-44.8	1554	2294	7.1	-19.5	-1	-0	-209.8	-2381.3	513.1	-57.9	15.8
9TH	74.00	9.4	-47.2	1554	2294	6.0	-20.6	-2	-0	-219.1	-2334.1	484.0	-55.3	15.7
10TH	86.33	7.7	-49.6	1554	2294	4.9	-21.6	-4	-1	-226.8	-2284.5	455.5	-52.5	15.5
11TH	98.67	6.0	-52.0	1554	2294	3.8	-22.7	-5	-1	-232.7	-2232.4	427.7	-49.7	15.2
12TH	111.00	3.2	-54.4	1554	2294	2.0	-23.7	-5	-0	-235.9	-2178.0	400.5	-46.8	15.0
13TH	123.33	.5	-56.8	1554	2294	.3	-24.8	-5	-0	-236.5	-2121.2	374.0	-43.9	14.7
14TH	135.67	-.8	-59.3	1554	2294	-.5	-25.8	-6	0	-235.7	-2061.9	348.2	-41.0	14.4
15TH	148.00	-2.1	-61.8	1554	2294	-1.4	-26.9	-6	0	-233.6	-2000.1	323.1	-38.1	14.0
16TH	160.33	-3.4	-64.2	1554	2294	-2.2	-28.0	-6	0	-230.1	-1935.9	298.8	-35.2	13.6
17TH	172.67	-4.8	-66.7	1554	2294	-3.1	-29.1	-7	0	-225.4	-1869.2	275.4	-32.4	13.1
18TH	185.00	-6.1	-69.2	1554	2294	-3.9	-30.2	-7	1	-219.3	-1799.9	252.8	-29.7	12.6
19TH	197.33	-7.4	-71.7	1554	2294	-4.8	-31.3	-7	1	-211.8	-1728.2	231.0	-27.0	12.1
20TH	209.67	-8.8	-74.2	1554	2294	-5.6	-32.3	-8	1	-203.1	-1654.1	210.1	-24.5	11.5
21ST	222.00	-9.3	-76.2	1554	2294	-6.0	-33.2	-8	1	-193.7	-1577.8	190.2	-22.0	10.9
22ND	234.33	-9.4	-77.4	1554	2294	-6.1	-33.7	-8	1	-184.3	-1500.4	171.2	-19.7	10.3
23RD	246.67	-9.6	-78.5	1554	2294	-6.2	-34.2	-8	1	-174.7	-1421.9	153.2	-17.5	9.7
24TH	259.00	-9.7	-79.7	1554	2294	-6.2	-34.7	-7	1	-165.1	-1342.2	136.2	-15.4	9.1
25TH	271.33	-9.8	-80.9	1554	2294	-6.3	-35.3	-7	1	-155.3	-1261.3	120.1	-13.4	8.5
26TH	283.67	-9.9	-82.0	1554	2294	-6.4	-35.8	-7	1	-145.4	-1179.3	105.1	-11.6	7.9
27TH	296.00	-10.0	-83.2	1554	2294	-6.4	-36.3	-7	1	-135.4	-1096.1	91.0	-9.8	7.3
28TH	308.33	-10.1	-84.3	1554	2294	-6.5	-36.8	-7	1	-125.3	-1011.8	78.0	-8.2	6.7
		-10.6	-84.3	1554	2294	-6.8	-36.7	-7	1					

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-11.1	-83.9	1554	2294	-7.1	-36.6	-7	1	-114.7	-927.5	66.1	-6.7	6.1
30TH	333.00	-11.5	-83.5	1554	2294	-7.4	-36.4	-7	1	-103.7	-843.6	55.1	-5.4	5.5
31ST	345.33	-12.0	-83.1	1554	2294	-7.7	-36.2	-7	1	-92.1	-760.2	45.3	-4.2	4.9
32ND	357.67	-12.6	-82.7	1554	2294	-8.1	-36.0	-7	1	-80.1	-677.1	36.4	-3.1	4.3
33RD	370.00	-12.9	-82.7	1554	2294	-8.3	-36.0	-7	1	-67.5	-594.5	28.5	-2.2	3.7
34TH	382.33	-13.3	-82.1	1554	2294	-8.6	-35.8	-7	1	-54.7	-511.8	21.7	-1.5	3.1
35TH	394.67	-13.9	-79.6	1554	2294	-9.0	-34.7	-8	1	-41.3	-429.7	15.9	-.9	2.4
36TH	407.00	-14.5	-75.6	1554	2294	-9.4	-33.0	-9	2	-27.4	-350.1	11.1	-.4	1.8
37TH	419.33	-6.8	-58.8	1554	2294	-4.4	-25.7	-5	1	-12.8	-274.4	7.3	-.2	1.0
38TH	431.67	-3.6	-65.0	1554	2294	-2.3	-28.3	-4	0	-6.0	-215.6	4.2	-.1	.8
39TH	444.00	-1.3	-76.0	1554	2294	-.8	-33.1	-3	0	-2.4	-150.6	2.0	-.0	.5
40TH	456.33	-1.1	-74.5	2008	2964	-.5	-25.2	-4	0	-1.1	-74.5	.6	-.0	.3
TOP	472.27									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	19.9	-72.8	3108	4588	6.4	-15.9	11	3	-73.6	-2567.0	662.4	-31.0	4.0
5TH	24.67	1.9	-40.0	1554	2294	1.2	-17.4	7	0	-93.6	-2494.2	599.9	-28.9	4.8
6TH	37.00	1.7	-42.6	1554	2294	1.1	-18.5	5	0	-95.5	-2454.3	569.4	-27.8	5.1
7TH	49.33	1.4	-45.1	1554	2294	.9	-19.7	3	0	-97.2	-2411.7	539.4	-26.6	5.3
8TH	61.67	1.1	-47.7	1554	2294	.7	-20.8	1	0	-98.6	-2366.6	510.0	-25.4	5.4
9TH	74.00	.8	-50.3	1554	2294	.5	-21.9	-0	-0	-99.7	-2318.9	481.1	-24.2	5.5
10TH	86.33	.6	-52.9	1554	2294	.4	-23.1	-2	-0	-100.5	-2268.6	452.8	-22.9	5.4
11TH	98.67	-.5	-55.3	1554	2294	-.3	-24.1	-2	0	-101.1	-2215.7	425.1	-21.7	5.3
12TH	111.00	-1.5	-57.6	1554	2294	-1.0	-25.1	-3	0	-100.6	-2160.4	398.1	-20.4	5.2
13TH	123.33	-1.7	-59.8	1554	2294	-1.1	-26.1	-3	0	-99.1	-2102.8	371.8	-19.2	5.1
14TH	135.67	-1.9	-62.0	1554	2294	-1.2	-27.0	-3	0	-97.4	-2043.0	346.3	-18.0	4.9
15TH	148.00	-2.2	-64.3	1554	2294	-1.4	-28.0	-3	0	-95.4	-1981.0	321.5	-16.8	4.7
16TH	160.33	-2.4	-66.5	1554	2294	-1.5	-29.0	-3	0	-93.3	-1916.7	297.4	-15.6	4.5
17TH	172.67	-2.6	-68.7	1554	2294	-1.7	-30.0	-4	0	-90.9	-1850.2	274.2	-14.5	4.3
18TH	185.00	-2.8	-71.0	1554	2294	-1.8	-30.9	-4	0	-88.3	-1781.5	251.8	-13.4	4.1
19TH	197.33	-3.0	-73.2	1554	2294	-1.9	-31.9	-4	0	-85.5	-1710.5	230.3	-12.3	3.8
20TH	209.67	-3.1	-75.0	1554	2294	-2.0	-32.7	-4	0	-82.5	-1637.3	209.6	-11.3	3.5
21ST	222.00	-3.2	-76.0	1554	2294	-2.1	-33.1	-4	0	-79.3	-1562.3	189.9	-10.3	3.2
22ND	234.33	-3.3	-77.1	1554	2294	-2.1	-33.6	-4	0	-76.1	-1486.2	171.1	-9.3	2.9
23RD	246.67	-3.3	-78.1	1554	2294	-2.1	-34.0	-3	0	-72.9	-1409.2	153.2	-8.4	2.7
24TH	259.00	-3.4	-79.1	1554	2294	-2.2	-34.5	-3	0	-69.5	-1331.1	136.3	-7.5	2.4
25TH	271.33	-3.4	-80.1	1554	2294	-2.2	-34.9	-3	0	-66.2	-1252.0	120.4	-6.7	2.1
26TH	283.67	-3.5	-81.1	1554	2294	-2.3	-35.4	-3	0	-62.7	-1171.9	105.5	-5.9	1.9
27TH	296.00	-3.6	-82.1	1554	2294	-2.3	-35.8	-3	0	-59.2	-1090.8	91.5	-5.1	1.6
28TH	308.33	-3.7	-82.2	1554	2294	-2.4	-35.8	-3	0	-55.6	-1008.7	78.6	-4.4	1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON TOWER B														
WIND DIRECTION 320		CONFIGURATION C				REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-3.9	-82.1	1554	2294	-2.5	-35.8	-3	0	-51.9	-926.5	66.6	-3.8	1.2
30TH	333.00	-4.0	-81.9	1554	2294	-2.6	-35.7	-3	0	-48.0	-844.4	55.7	-3.2	.9
31ST	345.33	-4.2	-81.8	1554	2294	-2.7	-35.6	-2	0	-44.0	-762.5	45.8	-2.6	.7
32ND	357.67	-4.6	-81.6	1554	2294	-3.0	-35.6	-2	0	-39.8	-680.7	36.9	-2.1	.5
33RD	370.00	-4.7	-82.0	1554	2294	-3.0	-35.8	-2	0	-35.1	-599.1	29.0	-1.6	.4
34TH	382.33	-4.8	-81.8	1554	2294	-3.1	-35.6	-2	0	-30.5	-517.1	22.1	-1.2	.2
35TH	394.67	-5.0	-80.1	1554	2294	-3.2	-34.9	-1	0	-25.7	-435.4	16.3	-.9	.1
36TH	407.00	-5.3	-75.8	1554	2294	-3.4	-33.0	-1	0	-20.7	-355.2	11.4	-.6	-.0
37TH	419.33	-4.9	-58.5	1554	2294	-3.2	-25.5	0	-0	-15.4	-279.5	7.5	-.4	-.1
38TH	431.67	-3.8	-65.5	1554	2294	-2.4	-28.5	1	-0	-10.4	-221.0	4.4	-.2	-.1
39TH	444.00	-3.6	-77.9	1554	2294	-1.9	-34.0	-0	0	-6.7	-155.5	2.1	-.1	-.1
40TH	456.33	-3.7	-77.6	1554	2294	-1.8	-26.2	1	-0	-3.7	-77.6	.6	-.0	-.1
TOP	472.27			2008	2964			1	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-151.0	-2494.6	633.2	-14.4	-8.3
5TH	24.67	-20.4	-82.3	3108	4588	-6.6	-17.9	4	-1	-130.6	-2412.4	572.7	-10.9	-8.0
6TH	37.00	-15.4	-44.0	1554	2294	-9.9	-19.2	1	-0	-115.2	-2368.4	543.2	-9.4	-7.9
7TH	49.33	-13.8	-46.1	1554	2294	-8.9	-20.1	1	-0	-101.3	-2322.2	514.3	-8.1	-7.9
8TH	61.67	-12.2	-48.2	1554	2294	-7.9	-21.0	1	-0	-89.1	-2274.0	485.9	-6.9	-7.8
9TH	74.00	-10.7	-50.4	1554	2294	-6.9	-22.0	1	-0	-78.4	-2223.6	458.2	-5.9	-7.8
10TH	86.33	-9.1	-52.5	1554	2294	-5.9	-22.9	1	-0	-69.3	-2171.1	431.1	-5.0	-7.7
11TH	98.67	-7.5	-54.6	1554	2294	-4.8	-23.8	1	-0	-61.8	-2116.5	404.6	-4.2	-7.7
12TH	111.00	-6.8	-56.6	1554	2294	-4.4	-24.7	1	-0	-55.0	-2060.0	378.9	-3.4	-7.6
13TH	123.33	-6.2	-58.4	1554	2294	-4.0	-25.5	2	-0	-48.9	-2001.6	353.8	-2.8	-7.5
14TH	135.67	-5.8	-59.9	1554	2294	-3.7	-26.1	2	-0	-43.1	-1941.7	329.5	-2.2	-7.4
15TH	148.00	-5.4	-61.3	1554	2294	-3.5	-26.7	2	-0	-37.6	-1880.5	306.0	-1.7	-7.2
16TH	160.33	-5.1	-62.7	1554	2294	-3.3	-27.3	2	-0	-32.5	-1817.8	283.2	-1.3	-7.1
17TH	172.67	-4.7	-64.1	1554	2294	-3.0	-27.9	2	-0	-27.8	-1753.7	261.1	-.9	-7.0
18TH	185.00	-4.4	-65.5	1554	2294	-2.8	-28.6	2	-0	-23.4	-1688.2	239.9	-.6	-6.9
19TH	197.33	-4.0	-66.9	1554	2294	-2.6	-29.2	2	-0	-19.4	-1621.3	219.5	-.4	-6.8
20TH	209.67	-3.7	-68.3	1554	2294	-2.4	-29.8	2	-0	-15.7	-1553.0	199.9	-.1	-6.7
21ST	222.00	-3.4	-69.6	1554	2294	-2.2	-30.4	2	-0	-12.3	-1483.3	181.2	.0	-6.6
22ND	234.33	-3.3	-70.8	1554	2294	-2.1	-30.9	2	-0	-9.0	-1412.5	163.3	.2	-6.5
23RD	246.67	-3.1	-71.9	1554	2294	-2.0	-31.4	2	-0	-5.9	-1340.6	146.4	.3	-6.3
24TH	259.00	-2.9	-73.1	1554	2294	-1.9	-31.9	2	-0	-3.0	-1267.5	130.3	.3	-6.2
25TH	271.33	-2.7	-74.3	1554	2294	-1.8	-32.4	2	-0	-.3	-1193.2	115.1	.3	-6.0
26TH	283.67	-2.6	-75.4	1554	2294	-1.7	-32.9	2	-0	2.3	-1117.8	100.9	.3	-5.9
27TH	296.00	-2.4	-76.6	1554	2294	-1.5	-33.4	2	-0	4.7	-1041.2	87.5	.3	-5.7
28TH	308.33	-2.2	-77.7	1554	2294	-1.4	-33.9	3	-0	6.9	-963.5	75.2	.2	-5.5
		-1.3	-77.9	1554	2294	-.9	-33.9	3	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

CONFIGURATION C

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67	-0.5	-77.7	1554	2294	-0.3	-33.9	3	-0	8.2	-885.6	63.8	.1	-5.3
30TH	333.00	.4	-77.6	1554	2294	.3	-33.8	4	0	8.7	-807.9	53.3	.0	-5.0
31ST	345.33	1.3	-77.5	1554	2294	.8	-33.8	4	0	8.3	-730.3	43.8	-.1	-4.7
32ND	357.67	1.5	-77.3	1554	2294	1.0	-33.7	5	0	7.0	-652.8	35.3	-.2	-4.4
33RD	370.00	3.7	-79.3	1554	2294	2.4	-34.6	6	0	5.5	-575.5	27.7	-.3	-4.0
34TH	382.33	3.5	-78.9	1554	2294	2.2	-34.4	6	0	1.7	-496.2	21.1	-.3	-3.5
35TH	394.67	3.3	-77.0	1554	2294	2.1	-33.6	7	0	-1.7	-417.2	15.5	-.3	-3.0
36TH	407.00	2.9	-73.2	1554	2294	1.9	-31.9	9	0	-5.1	-340.3	10.8	-.3	-2.4
37TH	419.33	-2.6	-57.8	1554	2294	-1.7	-25.2	6	-0	-8.0	-267.0	7.1	-.2	-1.8
38TH	431.67	-1.9	-62.7	1554	2294	-1.3	-27.3	7	-0	-5.4	-209.2	4.1	-.1	-1.4
39TH	444.00	-1.5	-72.3	1554	2294	-1.0	-31.5	7	-0	-3.4	-146.5	2.0	-0.0	-1.0
40TH	456.33	-1.9	-74.2	2008	2964	-1.0	-25.0	7	-0	-1.9	-74.2	.6	-0.0	-.5
TOP	472.27									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		REA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00									-397.5	-2528.3	616.9	-67.3	-18.0
5TH	24.67	-35.8	-98.9	3108	4388	-11.5	-21.6	0	-0	-361.7	-2429.4	555.7	-57.9	-18.0
6TH	37.00	-20.3	-52.0	1554	2294	-13.1	-22.6	1	-0	-341.4	-2377.4	526.1	-53.6	-18.0
7TH	49.33	-19.1	-53.7	1554	2294	-12.3	-23.4	1	-0	-322.3	-2323.8	497.1	-49.5	-17.9
8TH	61.67	-17.8	-55.4	1554	2294	-11.5	-24.1	1	-0	-304.4	-2268.4	469.8	-45.7	-17.8
9TH	74.00	-16.6	-57.1	1554	2294	-10.7	-24.9	2	-1	-287.9	-2211.2	441.2	-42.0	-17.7
10TH	86.33	-15.3	-58.8	1554	2294	-9.9	-25.7	2	-1	-272.5	-2152.4	414.3	-38.5	-17.6
11TH	98.67	-14.1	-60.6	1554	2294	-9.1	-26.4	3	-1	-258.5	-2091.8	389.1	-35.3	-17.4
12TH	111.00	-13.5	-61.9	1554	2294	-8.7	-27.0	4	-1	-245.0	-2029.9	362.7	-32.2	-17.2
13TH	123.33	-13.1	-63.0	1554	2294	-8.4	-27.5	5	-1	-231.9	-1967.0	338.0	-29.2	-16.8
14TH	135.67	-12.9	-64.1	1554	2294	-8.3	-27.9	5	-1	-219.0	-1902.9	314.2	-26.4	-16.5
15TH	148.00	-12.7	-65.1	1554	2294	-8.2	-28.4	5	-1	-206.3	-1837.8	291.1	-23.8	-16.2
16TH	160.33	-12.5	-66.2	1554	2294	-8.0	-28.9	5	-1	-193.8	-1771.6	268.8	-21.4	-15.8
17TH	172.67	-12.3	-67.3	1554	2294	-7.9	-29.3	5	-1	-181.5	-1704.3	247.4	-19.0	-15.4
18TH	185.00	-12.1	-68.4	1554	2294	-7.8	-29.8	6	-1	-169.4	-1635.9	226.8	-16.9	-15.1
19TH	197.33	-11.9	-69.4	1554	2294	-7.7	-30.3	6	-1	-157.5	-1566.5	207.0	-14.9	-14.6
20TH	209.67	-11.7	-70.5	1554	2294	-7.5	-30.7	6	-1	-145.8	-1496.0	188.2	-13.0	-14.2
21ST	222.00	-11.5	-71.5	1554	2294	-7.4	-31.1	6	-1	-134.3	-1424.5	170.2	-11.3	-13.8
22ND	234.33	-11.3	-72.1	1554	2294	-7.3	-31.4	6	-1	-123.0	-1352.4	153.0	-9.7	-13.3
23RD	246.67	-11.1	-72.8	1554	2294	-7.2	-31.7	7	-1	-111.9	-1279.6	136.8	-8.2	-12.8
24TH	259.00	-10.9	-73.5	1554	2294	-7.0	-32.0	7	-1	-101.0	-1206.1	121.5	-6.9	-12.3
25TH	271.33	-10.7	-74.2	1554	2294	-6.9	-32.3	7	-1	-90.2	-1131.9	107.1	-5.7	-11.7
26TH	283.67	-10.5	-74.9	1554	2294	-6.8	-32.6	8	-1	-79.7	-1057.0	93.6	-4.7	-11.1
27TH	296.00	-10.3	-75.6	1554	2294	-6.7	-32.9	8	-1	-69.4	-981.4	81.0	-3.8	-10.5
28TH	308.33	-10.1	-76.3	1554	2294	-6.5	-33.2	8	-1	-59.2	-905.1	69.4	-3.0	-9.9
		-9.5	-76.0	1554	2294	-6.1	-33.1	8	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

TABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-49.7	-829.1	58.7	-2.3	-9.3
30TH	333.00	-8.8	-75.6	1554	2294	-5.7	-32.9	9	-1	-41.0	-753.5	48.9	-1.7	-8.6
31ST	345.33	-8.1	-75.1	1554	2294	-5.2	-32.7	9	-1	-32.9	-678.5	40.1	-1.3	-7.9
32ND	357.67	-7.4	-74.6	1554	2294	-4.8	-32.5	9	-1	-25.5	-603.9	32.2	-.9	-7.2
33RD	370.00	-6.4	-74.1	1554	2294	-4.1	-32.3	9	-1	-19.0	-529.7	25.2	-.7	-6.5
34TH	382.33	-3.4	-74.3	1554	2294	-2.2	-32.4	9	-0	-15.6	-455.4	19.1	-.4	-5.8
35TH	394.67	-2.9	-73.7	1554	2294	-1.9	-32.1	9	-0	-12.7	-381.7	13.9	-.3	-5.1
36TH	394.67	-2.6	-72.0	1554	2294	-1.7	-31.4	10	-0	-10.1	-309.7	9.7	-.1	-4.4
37TH	407.00	-2.4	-68.3	1554	2294	-1.5	-29.8	13	-0	-7.7	-241.4	6.3	-.0	-3.5
38TH	419.33	-6.4	-55.5	1554	2294	-4.1	-24.2	10	-1	-1.3	-185.9	3.6	.0	-3.0
39TH	431.67	-2.9	-57.9	1554	2294	-1.9	-25.2	14	-1	1.7	-128.0	1.7	.0	-2.2
40TH	444.00	-.1	-63.6	1554	2294	-.1	-27.7	16	-0	1.8	-64.4	.5	.0	-1.2
TOP	472.27	1.8	-64.4	2008	2964	.9	-21.7	18	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

LABOR CENTER, DATA ON TOWER B
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
4TH	0.00	-50.9	-103.7	3108	4588	-16.4	-22.6	1	-1	-844.9	-2507.8	602.4	-180.7	-19.1
5TH	24.67	-26.9	-54.1	1554	2294	-17.3	-23.6	1	-1	-793.9	-2404.2	541.9	-160.5	-18.9
6TH	37.00	-26.2	-55.7	1554	2294	-16.9	-24.3	2	-1	-767.0	-2350.1	512.5	-150.9	-18.8
7TH	49.33	-25.5	-57.3	1554	2294	-16.4	-25.0	2	-1	-740.8	-2294.4	483.9	-141.6	-18.7
8TH	61.67	-24.7	-58.8	1554	2294	-15.9	-25.6	3	-1	-715.3	-2237.1	456.0	-132.6	-18.5
9TH	74.00	-24.0	-60.4	1554	2294	-15.5	-26.3	3	-1	-690.6	-2178.3	428.7	-123.9	-18.4
10TH	86.33	-23.3	-62.0	1554	2294	-15.0	-27.0	3	-1	-666.6	-2117.9	402.2	-115.6	-18.2
11TH	98.67	-22.8	-63.1	1554	2294	-14.7	-27.5	4	-1	-643.3	-2055.9	376.5	-107.5	-17.9
12TH	111.00	-22.5	-64.1	1554	2294	-14.5	-28.0	5	-2	-620.5	-1992.8	351.5	-99.7	-17.6
13TH	123.33	-22.8	-65.0	1554	2294	-14.7	-28.3	5	-2	-597.9	-1928.7	327.3	-92.2	-17.3
14TH	135.67	-23.1	-65.9	1554	2294	-14.8	-28.7	5	-2	-575.2	-1863.6	304.0	-84.9	-16.9
15TH	148.00	-23.3	-66.8	1554	2294	-15.0	-29.1	5	-2	-552.1	-1797.7	281.4	-78.0	-16.6
16TH	160.33	-23.6	-67.7	1554	2294	-15.2	-29.5	5	-2	-528.8	-1730.9	259.6	-71.3	-16.2
17TH	172.67	-23.9	-68.6	1554	2294	-15.4	-29.9	6	-2	-505.2	-1663.3	238.7	-64.9	-15.7
18TH	185.00	-24.1	-69.4	1554	2294	-15.5	-30.3	6	-2	-481.3	-1594.7	218.6	-58.9	-15.3
19TH	197.33	-24.4	-70.3	1554	2294	-15.7	-30.7	6	-2	-457.2	-1525.3	199.4	-53.1	-14.9
20TH	209.67	-24.7	-71.1	1554	2294	-15.9	-31.0	6	-2	-432.8	-1454.9	181.0	-47.6	-14.4
21ST	222.00	-24.9	-71.6	1554	2294	-16.1	-31.2	6	-2	-408.1	-1383.9	163.5	-42.4	-13.9
22ND	234.33	-25.2	-72.2	1554	2294	-16.2	-31.5	6	-2	-383.2	-1312.2	146.8	-37.5	-13.4
23RD	246.67	-25.5	-72.8	1554	2294	-16.4	-31.7	7	-2	-358.0	-1240.0	131.1	-33.0	-12.9
24TH	259.00	-25.8	-73.3	1554	2294	-16.6	-32.0	7	-2	-332.5	-1167.2	116.3	-28.7	-12.3
25TH	271.33	-26.0	-73.9	1554	2294	-16.7	-32.2	7	-2	-306.7	-1093.9	102.3	-24.8	-11.8
26TH	283.67	-26.3	-74.4	1554	2294	-16.9	-32.4	7	-2	-280.7	-1020.1	89.3	-21.1	-11.2
27TH	296.00	-26.5	-75.0	1554	2294	-17.1	-32.7	7	-3	-254.4	-945.6	77.2	-17.8	-10.6
28TH	308.33	-25.8	-74.6	1554	2294	-16.6	-32.5	7	-3	-227.9	-870.7	66.0	-14.9	-10.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER, DATA ON TOWER B
CONFIGURATION C
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
29TH	320.67									-202.1	-796.1	55.7	-12.2	-9.4
30TH	333.00	-25.0	-74.0	1554	2294	-16.1	-32.2	8	-3	-177.2	-722.1	46.3	-9.9	-8.8
31ST	345.33	-24.2	-73.3	1554	2294	-15.5	-32.0	8	-3	-153.0	-648.7	37.9	-7.8	-8.1
32ND	357.67	-23.3	-72.7	1554	2294	-15.0	-31.7	8	-3	-129.7	-576.0	30.3	-6.1	-7.5
33RD	370.00	-21.9	-72.1	1554	2294	-14.1	-31.4	9	-3	-107.7	-503.9	23.7	-4.6	-6.8
34TH	382.33	-17.3	-72.1	1554	2294	-11.1	-31.4	8	-2	-90.4	-431.8	17.9	-3.4	-6.2
35TH	394.67	-16.4	-71.5	1554	2294	-10.6	-31.2	8	-2	-74.0	-360.3	13.0	-2.4	-5.6
36TH	407.00	-15.8	-69.2	1554	2294	-10.2	-30.2	9	-2	-58.2	-291.1	9.0	-1.6	-4.9
37TH	419.33	-15.1	-64.8	1554	2294	-9.7	-28.3	11	-3	-43.1	-226.3	5.8	-.9	-4.2
38TH	431.67	-13.8	-53.9	1554	2294	-8.9	-23.5	13	-3	-29.2	-172.4	3.3	-.5	-3.4
39TH	444.00	-11.9	-55.2	1554	2294	-7.7	-24.1	16	-4	-17.3	-117.2	1.5	-.2	-2.5
40TH	456.33	-9.7	-58.9	1554	2294	-6.2	-25.7	19	-3	-7.6	-58.3	.5	-.1	-1.3
TOP	472.27	-7.6	-58.3	2008	2964	-3.8	-19.7	22	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER, DATA ON TOWER B
 PROJECT 5211 CONFIGURATION C
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 37

SIDE	ANGLE	Z-AXIS
1	0.0	1.890
2	90.0	2.790
3	180.0	1.890
4	270.0	2.790

FLOOR #	LABEL	HEIGHT-FT
1	4TH	24.67
2	5TH	12.33
3	6TH	12.33
4	7TH	12.33
5	8TH	12.33
6	9TH	12.33
7	10TH	12.33
8	11TH	12.33
9	12TH	12.33
10	13TH	12.33
11	14TH	12.33
12	15TH	12.33
13	16TH	12.33
14	17TH	12.33
15	18TH	12.33
16	19TH	12.33
17	20TH	12.33
18	21ST	12.33
19	22ND	12.33
20	23RD	12.33
21	24TH	12.33
22	25TH	12.33
23	26TH	12.33
24	27TH	12.33
25	28TH	12.33
26	29TH	12.33
27	30TH	12.33
28	31ST	12.33
29	32ND	12.33
30	33RD	12.33
31	34TH	12.33
32	35TH	12.33
33	36TH	12.33
34	37TH	12.33
35	38TH	12.33
36	39TH	12.33
37	40TH	15.92

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
 CONFIGURATION A REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	48.9	-261.0	20.5	3.2	-13.9	51	10
10	39.1	-164.0	12.9	2.7	-8.1	46	11
20	34.0	-141.8	11.9	2.0	-8.1	54	13
30	20.8	-102.4	8.9	0.8	-7.6	71	14
40	-17.4	51.3	-3.6	-1.9	-1.1	-1	-0
50	-35.5	150.6	-11.1	-2.9	5.8	36	9
60	-65.4	114.9	-8.2	-5.5	7.9	52	30
70	-65.1	98.0	-7.5	-5.1	5.9	42	28
80	-62.3	181.6	-14.5	-4.6	7.0	34	12
90	-45.6	271.6	-22.4	-3.3	10.7	38	6
100	-34.3	257.2	-21.0	-4.0	13.4	50	11
110	-58.5	202.0	-15.9	-4.2	11.5	53	15
120	-59.6	181.8	-15.1	-3.9	6.7	34	11
130	-34.9	140.2	-10.6	-1.8	3.0	20	5
140	-20.3	202.0	-14.6	-1.7	-5.3	-26	-3
150	-61.1	417.5	-33.6	-4.2	-15.4	-36	-5
160	-62.7	421.0	-33.6	-4.1	-16.7	-39	-6
170	-47.5	348.2	-26.8	-2.9	-10.0	-28	-4
180	-14.7	244.2	-19.8	-1.5	-9.1	-37	-2
190	28.1	148.0	-12.7	2.1	-6.7	-44	8
200	17.2	66.8	-6.1	1.4	-4.3	-60	15
210	91.0	27.3	-3.0	7.4	1.1	0	-1
220	96.9	-23.0	9.9	7.7	4.7	-11	-46
230	151.9	-132.6	9.7	12.7	12.0	-39	-45
240	196.9	-209.9	14.9	16.5	17.8	-45	-42
250	207.8	-289.8	20.8	18.1	21.8	-50	-36
260	180.9	-253.4	18.6	16.1	20.3	-53	-38
270	176.1	-172.6	11.0	15.3	14.2	-40	-41
280	139.5	-103.7	5.8	11.4	5.4	-19	-25
290	53.1	-40.8	1.7	4.1	-3	3	3
300	-9.5	-21.1	-1.1	-1.5	-2.1	81	-36
310	-27.6	-16.5	-1.0	-1.9	-5.8	93	-155
320	-3.2	-49.5	2.1	0.0	-8.1	163	-10
330	3.3	-92.7	5.9	6	-10.0	108	4
340	16.9	-206.0	15.7	1.1	-14.9	72	6
350	29.6	-298.7	24.7	1.7	-18.2	60	6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									48.9	-261.0	20.5	3.2	-13.9
1ST	9.33	4.3	-14.7	933	2534	4.6	-5.8	56	16	44.6	-246.3	18.1	2.8	-13.0
2ND	18.67	3.7	-15.2	933	2534	4.0	-6.0	57	14	40.9	-231.1	15.9	2.4	-12.1
3RD	28.00	3.2	-15.4	933	2308	3.4	-6.7	60	12	37.7	-215.7	13.8	2.0	-11.1
4TH	37.33	3.2	-15.5	933	2053	3.4	-7.6	64	13	34.5	-200.2	11.8	1.7	-10.1
5TH	46.67	3.3	-15.9	933	2053	3.6	-7.7	64	13	31.2	-184.3	10.0	1.3	-9.1
6TH	56.00	3.5	-16.2	933	2053	3.7	-7.9	64	14	27.7	-168.1	8.4	1.1	-8.0
7TH	65.33	3.7	-16.5	933	2053	3.9	-8.1	64	14	24.0	-151.6	6.9	.8	-6.9
8TH	74.66	3.8	-16.9	933	2053	4.1	-8.2	64	14	20.2	-134.7	5.6	.6	-5.7
9TH	84.00	3.7	-16.6	933	2053	4.0	-8.1	61	14	16.5	-118.1	4.4	.5	-4.7
10TH	93.33	3.4	-16.2	933	2053	3.6	-7.9	58	12	13.1	-101.8	3.4	.3	-3.7
11TH	102.66	3.1	-15.9	933	2053	3.3	-7.7	55	11	10.0	-85.9	2.5	.2	-2.8
12TH	112.00	2.7	-15.5	933	2053	2.9	-7.6	52	9	7.3	-70.4	1.8	.1	-2.0
13TH	121.33	2.4	-15.2	933	2053	2.6	-7.4	48	8	4.9	-55.3	1.2	.1	-1.2
14TH	130.66	2.1	-14.8	933	2053	2.2	-7.2	45	6	2.8	-40.4	.7	.0	-.5
15TH	140.00	1.8	-13.7	933	2053	1.9	-6.7	39	5	1.0	-26.8	.4	.0	.0
TOP	171.00	1.0	-26.8	2184	5905	.5	-4.5	-1	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10				TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE CONFIGURATION A REFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									39.1	-164.0	12.9	2.7	-8.1
1ST	9.33	3.3	-8.2	933	2534	3.5	-3.2	52	21	35.8	-155.8	11.4	2.3	-7.6
2ND	18.67	2.8	-8.8	933	2534	3.0	-3.5	54	17	33.0	-147.0	10.0	2.0	-7.0
3RD	28.00	2.3	-9.1	933	2308	2.5	-4.0	59	15	30.7	-137.9	8.7	1.7	-6.5
4TH	37.33	2.3	-9.4	933	2053	2.5	-4.6	63	16	28.4	-128.5	7.4	1.5	-5.8
5TH	46.67	2.5	-9.9	933	2053	2.6	-4.8	62	15	25.9	-118.6	6.3	1.2	-5.2
6TH	56.00	2.6	-10.4	933	2053	2.8	-5.1	61	15	23.3	-108.2	5.2	1.0	-4.5
7TH	65.33	2.8	-10.9	933	2053	3.0	-5.3	60	15	20.5	-97.3	4.3	.8	-3.8
8TH	74.66	2.9	-11.4	933	2053	3.1	-5.5	60	15	17.6	-86.0	3.4	.6	-3.1
9TH	84.00	2.9	-11.2	933	2053	3.1	-5.5	56	15	14.7	-74.8	2.6	.4	-2.4
10TH	93.33	2.7	-10.9	933	2053	2.9	-5.3	53	13	12.0	-63.8	2.0	.3	-1.8
11TH	102.66	2.5	-10.6	933	2053	2.7	-5.2	49	12	9.5	-53.2	1.5	.2	-1.3
12TH	112.00	2.3	-10.4	933	2053	2.5	-5.0	45	10	7.1	-42.8	1.0	.1	-.8
13TH	121.33	2.1	-10.1	933	2053	2.3	-4.9	40	9	5.0	-32.7	.7	.1	-.3
14TH	130.66	2.0	-9.8	933	2053	2.1	-4.8	35	7	3.0	-22.9	.4	.0	.0
15TH	140.00	1.8	-8.8	933	2053	1.9	-4.3	28	6	1.3	-14.1	.2	.0	.3
TOP	171.00	1.3	-14.1	2184	5905	.6	-2.4	-19	-2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 20 CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	3.9	-7.4	933	2534	4.2	-2.9	62	33	34.0	-141.8	11.9	2.0	-8.1
1ST	9.33	3.2	-7.6	933	2534	3.4	-3.0	67	29	30.0	-134.4	10.6	1.7	-7.5
2ND	18.67	2.5	-7.6	933	2308	2.7	-3.3	73	24	26.8	-126.8	9.4	1.5	-6.9
3RD	28.00	2.3	-7.6	933	2053	2.5	-3.7	77	24	24.3	-119.2	8.2	1.2	-6.3
4TH	37.33	2.3	-7.7	933	2053	2.5	-3.7	77	23	22.0	-111.7	7.1	1.0	-5.6
5TH	46.67	2.3	-7.7	933	2053	2.5	-3.8	77	23	19.7	-104.0	6.1	.8	-5.0
6TH	56.00	2.4	-7.8	933	2053	2.5	-3.8	76	23	17.3	-96.3	5.2	.6	-4.3
7TH	65.33	2.4	-7.9	933	2053	2.5	-3.8	76	23	15.0	-88.4	4.3	.5	-3.7
8TH	74.66	2.3	-8.2	933	2053	2.5	-4.0	70	20	12.6	-80.5	3.6	.4	-3.0
9TH	84.00	2.1	-8.5	933	2053	2.3	-4.1	63	16	10.3	-72.4	2.8	.3	-2.4
10TH	93.33	2.0	-8.7	933	2053	2.1	-4.3	56	13	8.2	-63.9	2.2	.2	-1.8
11TH	102.66	1.8	-9.0	933	2053	2.0	-4.4	50	10	6.2	-55.2	1.6	.1	-1.3
12TH	112.00	1.7	-9.3	933	2053	1.8	-4.5	43	8	4.4	-46.1	1.2	.1	-.9
13TH	121.33	1.5	-9.6	933	2053	1.6	-4.7	37	6	2.7	-36.8	.8	.0	-.4
14TH	130.66	1.4	-9.3	933	2053	1.5	-4.5	30	4	1.2	-27.2	.5	.0	-.1
15TH	140.00	-.2	-17.9	2184	5905	-.1	-3.0	-12	0	-.2	-17.9	.3	-.0	.2
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									20.8	-102.4	8.9	.8	-7.6
1ST	9.33	3.4	-5.8	933	2534	3.6	-2.3	74	43	17.5	-96.6	8.0	.6	-7.0
2ND	18.67	2.7	-5.6	933	2534	2.9	-2.2	84	40	14.8	-91.0	7.1	.4	-6.4
3RD	28.00	2.0	-5.4	933	2308	2.1	-2.4	95	35	12.8	-85.5	6.3	.3	-5.8
4TH	37.33	1.8	-5.2	933	2053	1.9	-2.5	100	35	11.0	-80.3	5.5	.2	-5.3
5TH	46.67	1.8	-5.0	933	2053	1.9	-2.5	103	37	9.2	-75.3	4.8	.1	-4.7
6TH	56.00	1.8	-4.8	933	2053	1.9	-2.4	106	39	7.5	-70.4	4.1	.0	-4.1
7TH	65.33	1.7	-4.6	933	2053	1.9	-2.3	109	41	5.7	-65.8	3.5	-.0	-3.5
8TH	74.66	1.7	-4.4	933	2053	1.8	-2.2	113	44	4.0	-61.4	2.9	-.1	-2.9
9TH	84.00	1.6	-4.9	933	2053	1.7	-2.4	100	33	2.4	-56.4	2.3	-.1	-2.4
10TH	93.33	1.4	-5.5	933	2053	1.5	-2.7	87	23	.9	-51.0	1.8	-.1	-1.9
11TH	102.66	1.2	-6.0	933	2053	1.3	-2.9	75	16	-.3	-45.0	1.4	-.1	-1.4
12TH	112.00	1.1	-6.6	933	2053	1.1	-3.2	65	10	-1.4	-38.4	1.0	-.1	-1.0
13TH	121.33	.9	-7.1	933	2053	.9	-3.5	55	7	-2.2	-31.3	.7	-.1	-.6
14TH	130.66	.7	-7.7	933	2053	.7	-3.7	47	4	-2.9	-23.6	.4	-.1	-.2
15TH	140.00	.5	-7.7	933	2053	.5	-3.8	38	2	-3.4	-15.9	.2	-.1	.1
TOP	171.00	-3.4	-15.9	2184	5905	-1.6	-2.7	-5	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	.6	3.2	933	2534	.7	1.3	-5	1	-17.4	51.3	-3.6	-1.9	-.1
1ST	9.33	.0	3.3	933	2534	.0	1.3	-6	0	-18.0	48.1	-3.1	-1.7	-.0
2ND	18.67	-.6	3.4	933	2308	-.6	1.5	-4	-1	-18.0	44.8	-2.7	-1.5	-.0
3RD	28.00	-.8	3.4	933	2053	-.9	1.6	0	0	-17.4	41.4	-2.3	-1.4	-.0
4TH	37.33	-.8	3.5	933	2053	-.9	1.7	-0	-0	-16.6	38.0	-1.9	-1.2	-.0
5TH	46.67	-.9	3.7	933	2053	-.9	1.8	-1	-0	-15.8	34.5	-1.6	-1.1	-.0
6TH	56.00	-.9	3.9	933	2053	-1.0	1.9	-1	-0	-14.9	30.8	-1.3	-.9	-.0
7TH	65.33	-1.0	4.0	933	2053	-1.0	2.0	-2	-0	-13.9	26.9	-1.0	-.8	-.0
8TH	74.66	-1.0	3.8	933	2053	-1.1	1.8	-2	-1	-13.0	22.9	-.8	-.7	.0
9TH	84.00	-1.1	3.5	933	2053	-1.2	1.7	-3	-1	-11.9	19.1	-.6	-.5	.0
10TH	93.33	-1.2	3.3	933	2053	-1.2	1.6	-4	-1	-10.9	15.6	-.4	-.4	.0
11TH	102.66	-1.2	3.0	933	2053	-1.3	1.5	-5	-2	-9.7	12.3	-.3	-.3	.0
12TH	112.00	-1.3	2.7	933	2053	-1.4	1.3	-6	-3	-8.5	9.3	-.2	-.3	.1
13TH	121.33	-1.3	2.5	933	2053	-1.4	1.2	-7	-4	-7.2	6.6	-.1	-.2	.1
14TH	130.66	-1.4	2.1	933	2053	-1.5	1.0	-7	-5	-5.9	4.1	-.1	-.1	.1
15TH	140.00	-4.4	2.0	2184	5905	-2.0	.3	11	24	-4.4	2.0	-.0	-.1	.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-33.5	150.6	-11.1	-2.9	5.8
1ST	9.33	-1.0	11.3	933	2534	-1.1	4.5	25	2	-34.4	139.2	-9.7	-2.6	5.5
2ND	18.67	-1.5	11.0	933	2534	-1.6	4.3	26	4	-32.9	128.2	-8.5	-2.2	5.2
3RD	28.00	-2.0	10.4	933	2308	-2.1	4.5	31	6	-31.0	117.8	-7.3	-1.9	4.9
4TH	37.33	-2.1	9.8	933	2053	-2.3	4.8	38	8	-28.8	108.1	-6.3	-1.7	4.5
5TH	46.67	-2.2	9.5	933	2053	-2.4	4.6	39	9	-26.6	98.6	-5.3	-1.4	4.1
6TH	56.00	-2.3	9.3	933	2053	-2.4	4.5	40	10	-24.4	89.3	-4.4	-1.2	3.7
7TH	65.33	-2.3	9.0	933	2053	-2.5	4.4	41	11	-22.0	80.3	-3.6	-1.0	3.3
8TH	74.66	-2.4	8.8	933	2053	-2.6	4.3	42	12	-19.7	71.5	-2.9	-.8	2.9
9TH	84.00	-2.4	8.7	933	2053	-2.6	4.2	41	11	-17.2	62.9	-2.3	-.6	2.5
10TH	93.33	-2.4	8.6	933	2053	-2.6	4.2	40	11	-14.8	54.3	-1.8	-.4	2.2
11TH	102.66	-2.4	8.5	933	2053	-2.6	4.1	38	11	-12.4	45.8	-1.3	-.3	1.8
12TH	112.00	-2.5	8.4	933	2053	-2.6	4.1	36	11	-9.9	37.4	-.9	-.2	1.5
13TH	121.33	-2.5	8.3	933	2053	-2.7	4.0	35	10	-7.4	29.1	-.6	-.1	1.2
14TH	130.66	-2.5	8.2	933	2053	-2.7	4.0	33	10	-4.9	20.9	-.4	-.1	.9
15TH	140.00	-2.5	7.9	933	2053	-2.7	3.8	31	10	-2.4	13.0	-.2	-.0	.6
TOP	171.00	-2.4	13.0	2184	5905	-1.1	2.2	45	8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-63.4	114.9	-8.2	-5.5	7.9
1ST	9.33	-2.8	8.4	933	2534	-3.0	3.3	48	16	-62.6	106.5	-7.1	-4.9	7.5
2ND	18.67	-3.2	8.3	933	2534	-3.4	3.3	48	18	-59.4	98.2	-6.2	-4.3	7.0
3RD	28.00	-3.5	8.0	933	2300	-3.8	3.5	51	22	-55.9	90.2	-5.3	-3.8	6.6
4TH	37.33	-3.6	7.7	933	2053	-3.9	3.8	54	25	-52.3	82.5	-4.5	-3.3	6.0
5TH	46.67	-3.7	7.6	933	2053	-4.0	3.7	54	26	-48.6	74.9	-3.8	-2.8	5.5
6TH	56.00	-3.7	7.5	933	2053	-4.0	3.7	54	27	-44.8	67.4	-3.1	-2.4	5.0
7TH	65.33	-3.8	7.4	933	2053	-4.1	3.6	55	28	-41.0	60.0	-2.5	-2.0	4.5
8TH	74.66	-3.9	7.3	933	2053	-4.1	3.6	55	29	-37.2	52.7	-2.0	-1.6	4.0
9TH	84.00	-3.9	7.1	933	2053	-4.2	3.5	54	30	-33.2	45.6	-1.5	-1.3	3.5
10TH	93.33	-4.0	7.0	933	2053	-4.3	3.4	52	30	-29.2	38.6	-1.1	-1.0	3.0
11TH	102.66	-4.1	6.8	933	2053	-4.4	3.3	50	31	-25.1	31.8	-.8	-.7	2.5
12TH	112.00	-4.2	6.6	933	2053	-4.5	3.2	49	31	-20.8	25.1	-.5	-.5	2.1
13TH	121.33	-4.3	6.5	933	2053	-4.6	3.2	47	31	-16.5	18.7	-.3	-.3	1.7
14TH	130.66	-4.4	6.3	933	2053	-4.7	3.1	45	32	-12.1	12.4	-.2	-.2	1.2
15TH	140.00	-4.5	6.0	933	2053	-4.9	2.9	43	33	-7.6	6.4	-.1	-.1	.8
TOP	171.00	-7.6	6.4	2184	5905	-3.5	1.1	54	63	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70 CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-2.9	6.2	933	2534	-3.1	2.4	46	21	-65.1	98.0	-7.5	-5.1	5.9
1ST	9.33	-3.4	6.1	933	2534	-3.7	2.4	43	24	-62.2	91.9	-6.6	-4.5	5.6
2ND	18.67	-4.0	6.0	933	2308	-4.3	2.6	41	27	-58.8	85.7	-5.8	-3.9	5.2
3RD	28.00	-4.2	6.0	933	2053	-4.5	2.9	41	29	-54.8	79.7	-5.0	-3.4	4.9
4TH	37.33	-4.2	5.9	933	2053	-4.5	2.9	41	29	-50.6	73.8	-4.3	-2.9	4.5
5TH	46.67	-4.2	5.9	933	2053	-4.5	2.9	42	30	-46.4	67.9	-3.7	-2.5	4.1
6TH	56.00	-4.2	5.8	933	2053	-4.5	2.8	43	31	-42.2	62.0	-3.0	-2.0	3.8
7TH	65.33	-4.2	5.8	933	2053	-4.5	2.8	43	32	-38.0	56.1	-2.5	-1.7	3.4
8TH	74.66	-4.2	5.9	933	2053	-4.5	2.9	42	30	-33.8	50.4	-2.0	-1.3	3.0
9TH	84.00	-4.2	6.0	933	2053	-4.5	2.9	41	28	-29.6	44.5	-1.6	-1.0	2.6
10TH	93.33	-4.2	6.1	933	2053	-4.5	3.0	39	27	-25.4	38.4	-1.2	-.8	2.3
11TH	102.66	-4.1	6.3	933	2053	-4.4	3.0	38	25	-21.2	32.3	-.8	-.6	1.9
12TH	112.00	-4.1	6.4	933	2053	-4.4	3.1	37	24	-17.1	26.1	-.6	-.4	1.6
13TH	121.33	-4.1	6.5	933	2053	-4.4	3.2	35	22	-13.0	19.7	-.4	-.2	1.2
14TH	130.66	-4.1	6.3	933	2053	-4.4	3.1	35	23	-8.9	13.2	-.2	-.1	.9
15TH	140.00	-4.8	6.9	2184	5905	-2.2	1.2	59	41	-4.8	6.9	-.1	-.1	.6
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 80

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-62.3	181.6	-14.5	-4.6	7.0
1ST	9.33	-3.1	10.7	933	2534	-3.3	4.2	30	9	-59.2	170.9	-12.8	-4.1	6.6
2ND	18.67	-3.6	10.7	933	2534	-3.9	4.2	30	10	-55.6	160.1	-11.3	-3.5	6.3
3RD	28.00	-4.1	10.7	933	2308	-4.4	4.6	30	12	-51.4	149.5	-9.8	-3.0	5.9
4TH	37.33	-4.3	10.6	933	2053	-4.6	5.2	31	12	-47.2	138.8	-8.5	-2.6	5.5
5TH	46.67	-4.3	10.6	933	2053	-4.6	5.2	32	13	-42.9	128.2	-7.2	-2.1	5.1
6TH	56.00	-4.2	10.6	933	2053	-4.5	5.2	33	13	-38.7	117.6	-6.1	-1.8	4.7
7TH	65.33	-4.2	10.6	933	2053	-4.5	5.1	34	13	-34.4	107.1	-5.0	-1.4	4.3
8TH	74.66	-4.1	10.7	933	2053	-4.4	5.2	35	13	-30.2	96.5	-4.1	-1.1	3.9
9TH	84.00	-4.0	10.8	933	2053	-4.3	5.3	34	13	-26.1	85.8	-3.2	-.9	3.5
10TH	93.33	-3.9	11.0	933	2053	-4.2	5.4	34	12	-22.0	75.0	-2.5	-.6	3.0
11TH	102.66	-3.8	11.1	933	2053	-4.1	5.4	34	12	-18.1	64.0	-1.8	-.4	2.6
12TH	112.00	-3.7	11.3	933	2053	-4.0	5.5	34	11	-14.2	52.8	-1.3	-.3	2.2
13TH	121.33	-3.6	11.4	933	2053	-3.9	5.6	34	11	-10.5	41.6	-.9	-.2	1.8
14TH	130.66	-3.5	11.2	933	2053	-3.8	5.4	35	11	-6.8	30.1	-.5	-.1	1.3
15TH	140.00	-3.3	19.0	2184	5905	-1.5	3.2	47	8	-3.3	19.0	-.3	-.1	.9
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE														
WIND DIRECTION 90		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-45.6	271.6	-22.4	-3.3	10.7
1ST	9.33	-1.9	14.0	933	2534	-2.0	5.5	37	5	-43.7	257.6	-19.9	-2.9	10.1
2ND	18.67	-2.6	14.3	933	2534	-2.7	5.6	36	6	-41.2	243.3	-17.6	-2.5	9.6
3RD	28.00	-3.2	14.7	933	2308	-3.4	6.4	34	8	-38.0	228.6	-15.4	-2.1	9.1
4TH	37.33	-3.4	15.0	933	2053	-3.6	7.3	33	7	-34.6	213.6	-13.3	-1.8	8.5
5TH	46.67	-3.3	15.3	933	2053	-3.6	7.4	34	7	-31.3	198.3	-11.4	-1.4	8.0
6TH	56.00	-3.3	15.5	933	2053	-3.5	7.6	35	7	-28.0	182.8	-9.6	-1.2	7.4
7TH	65.33	-3.3	15.8	933	2053	-3.5	7.7	35	7	-24.7	167.0	-8.0	-.9	6.8
8TH	74.66	-3.3	16.0	933	2053	-3.5	7.8	36	7	-21.5	151.0	-6.5	-.7	6.2
9TH	84.00	-3.2	16.3	933	2053	-3.4	7.9	37	7	-18.3	134.7	-5.2	-.5	5.6
10TH	93.33	-3.1	16.6	933	2053	-3.4	8.1	37	7	-15.1	118.1	-4.0	-.4	5.0
11TH	102.66	-3.1	16.9	933	2053	-3.3	8.2	38	7	-12.1	101.2	-3.0	-.2	4.3
12TH	112.00	-3.0	17.1	933	2053	-3.2	8.3	38	7	-9.1	84.1	-2.1	-.1	3.7
13TH	121.33	-2.9	17.4	933	2053	-3.1	8.5	39	7	-6.1	66.7	-1.4	-.1	3.0
14TH	130.66	-2.9	17.7	933	2053	-3.1	8.6	39	6	-3.2	49.0	-.9	-.0	2.3
15TH	140.00	-2.8	17.3	933	2053	-3.0	8.4	41	7	-.4	31.7	-.5	-.0	1.5
TOP	171.00	-.4	31.7	2184	5905	-.2	5.4	49	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100 CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-3.4	13.9	933	2534	-3.7	5.5	46	11	-54.3	257.2	-21.0	-4.0	13.4
1ST	9.33	-3.5	14.0	933	2534	-3.8	5.5	47	12	-50.8	243.3	-18.6	-3.5	12.7
2ND	18.67	-3.6	14.4	933	2308	-3.8	6.2	45	11	-47.3	229.3	-16.4	-3.0	12.0
3RD	28.00	-3.6	14.7	933	2053	-3.8	7.2	44	11	-43.7	214.9	-14.4	-2.6	11.3
4TH	37.33	-3.5	14.8	933	2053	-3.8	7.2	45	11	-40.1	200.2	-12.4	-2.2	10.6
5TH	46.67	-3.4	14.9	933	2053	-3.7	7.3	47	11	-36.6	185.3	-10.6	-1.9	9.9
6TH	56.00	-3.4	15.1	933	2053	-3.6	7.3	48	11	-33.2	170.4	-9.0	-1.5	9.2
7TH	65.33	-3.3	15.2	933	2053	-3.6	7.4	49	11	-29.8	155.3	-7.4	-1.2	8.4
8TH	74.66	-3.3	15.3	933	2053	-3.6	7.5	49	11	-26.5	140.1	-6.1	-1.0	7.6
9TH	84.00	-3.4	15.5	933	2053	-3.6	7.5	50	11	-23.2	124.8	-4.8	-.7	6.8
10TH	93.33	-3.5	15.6	933	2053	-3.7	7.6	50	11	-19.8	109.4	-3.7	-.5	6.0
11TH	102.66	-3.5	15.8	933	2053	-3.8	7.7	50	11	-16.3	93.7	-2.8	-.4	5.2
12TH	112.00	-3.6	15.9	933	2053	-3.8	7.8	51	11	-12.8	78.0	-2.0	-.2	4.4
13TH	121.33	-3.7	16.1	933	2053	-3.9	7.8	51	12	-9.2	62.1	-1.3	-.1	3.5
14TH	130.66	-3.7	15.8	933	2053	-4.0	7.7	52	12	-5.6	46.0	-.8	-.1	2.7
15TH	140.00	-1.8	30.2	2184	5903	-.8	5.1	60	4	-1.8	30.2	-.5	-.0	1.8
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-4.5	12.6	933	2534	-4.9	5.0	37	14	-58.5	202.0	-15.9	-4.2	11.5
1ST	9.33	-4.2	12.4	933	2534	-4.6	4.9	40	14	-53.9	189.4	-14.1	-3.7	11.0
2ND	18.67	-4.0	12.2	933	2308	-4.3	5.3	43	14	-49.7	177.0	-12.4	-3.2	10.4
3RD	28.00	-3.8	12.1	933	2053	-4.1	5.9	46	14	-45.7	164.7	-10.8	-2.8	9.8
4TH	37.33	-3.7	12.0	933	2053	-3.9	5.8	47	15	-41.9	152.7	-9.3	-2.4	9.2
5TH	46.67	-3.6	11.9	933	2053	-3.8	5.8	49	15	-38.2	140.7	-7.9	-2.0	8.6
6TH	56.00	-3.4	11.8	933	2053	-3.7	5.7	50	15	-34.7	128.8	-6.7	-1.7	8.0
7TH	65.33	-3.3	11.7	933	2053	-3.5	5.7	52	15	-31.3	117.1	-5.5	-1.4	7.4
8TH	74.66	-3.3	11.7	933	2053	-3.5	5.7	53	15	-27.9	105.4	-4.5	-1.1	6.7
9TH	84.00	-3.4	11.8	933	2053	-3.6	5.8	54	15	-24.7	93.7	-3.6	-.8	6.0
10TH	93.33	-3.5	11.9	933	2053	-3.7	5.8	54	16	-21.3	81.8	-2.7	-.6	5.3
11TH	102.66	-3.5	12.1	933	2053	-3.8	5.9	55	16	-17.8	69.9	-2.0	-.4	4.6
12TH	112.00	-3.6	12.2	933	2053	-3.9	5.9	55	17	-14.3	57.8	-1.4	-.3	3.9
13TH	121.33	-3.7	12.3	933	2053	-4.0	6.0	56	17	-10.6	45.7	-1.0	-.2	3.2
14TH	130.66	-3.8	12.1	933	2053	-4.1	5.9	58	18	-6.9	33.4	-.6	-.1	2.4
15TH	140.00	-3.1	21.3	2184	5905	-1.4	3.6	77	11	-3.1	21.3	-.3	-.0	1.7
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-59.6	181.8	-15.1	-3.9	6.7
1ST	9.33	-5.0	10.3	933	2534	-5.4	4.1	16	8	-54.6	171.5	-13.5	-3.4	6.5
2ND	18.67	-4.6	10.3	933	2534	-4.9	4.1	18	8	-50.0	161.1	-11.9	-2.9	6.3
3RD	28.00	-4.2	10.0	933	2308	-4.5	4.3	24	10	-45.8	151.1	-10.4	-2.5	6.0
4TH	37.33	-4.1	9.6	933	2053	-4.4	4.7	30	13	-41.7	141.5	-9.1	-2.0	5.7
5TH	46.67	-4.1	9.7	933	2053	-4.4	4.7	31	13	-37.6	131.8	-7.8	-1.7	5.3
6TH	56.00	-4.1	9.7	933	2053	-4.4	4.7	31	13	-33.5	122.1	-6.6	-1.3	5.0
7TH	65.33	-4.0	9.8	933	2053	-4.3	4.8	31	13	-29.5	112.3	-5.5	-1.0	4.6
8TH	74.66	-4.0	9.9	933	2053	-4.3	4.8	31	13	-25.5	102.4	-4.5	-.8	4.3
9TH	84.00	-4.0	10.2	933	2053	-4.2	5.0	32	12	-21.5	92.2	-3.6	-.6	3.9
10TH	93.33	-3.9	10.6	933	2053	-4.1	5.2	33	12	-17.6	81.5	-2.8	-.4	3.5
11TH	102.66	-3.8	11.1	933	2053	-4.0	5.4	34	12	-13.9	70.5	-2.1	-.2	3.1
12TH	112.00	-3.7	11.5	933	2053	-4.0	5.6	35	11	-10.2	59.0	-1.5	-.1	2.7
13TH	121.33	-3.6	11.9	933	2053	-3.9	5.8	36	11	-6.6	47.1	-1.0	-.1	2.2
14TH	130.66	-3.5	12.3	933	2053	-3.8	6.0	37	10	-3.1	34.8	-.6	-.0	1.7
15TH	140.00	-3.4	12.3	933	2053	-3.7	6.0	39	11	.4	22.5	-.3	.0	1.2
TOP	171.00	.4	22.5	2184	5905	.2	3.8	53	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE														
WIND DIRECTION 130		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-4.5	10.5	933	2534	-4.9	4.1	-21	-9	-34.9	140.2	-10.6	-1.8	3.0
1ST	9.33	-3.9	10.2	933	2534	-4.2	4.0	-17	-7	-30.4	129.7	-9.4	-1.5	3.2
2ND	18.67	-3.4	9.2	933	2300	-3.6	4.0	-4	-1	-26.5	119.5	-8.2	-1.2	3.4
3RD	28.00	-3.0	8.2	933	2053	-3.3	4.0	13	5	-23.1	110.3	-7.1	-1.0	3.5
4TH	37.33	-2.8	8.2	933	2053	-3.0	4.0	15	5	-20.0	102.1	-6.1	-.8	3.4
5TH	46.67	-2.6	8.1	933	2053	-2.8	4.0	18	6	-17.2	93.9	-5.2	-.6	3.2
6TH	56.00	-2.4	8.1	933	2053	-2.6	3.9	21	6	-14.6	85.7	-4.4	-.5	3.1
7TH	65.33	-2.2	8.1	933	2053	-2.4	3.9	24	6	-12.2	77.6	-3.6	-.3	2.9
8TH	74.66	-2.0	8.0	933	2053	-2.2	3.9	26	7	-10.0	69.6	-2.9	-.2	2.7
9TH	84.00	-1.9	8.0	933	2053	-2.0	3.9	29	7	-7.9	61.5	-2.3	-.2	2.5
10TH	93.33	-1.7	8.0	933	2053	-1.8	3.9	31	7	-6.1	53.5	-1.8	-.1	2.2
11TH	102.66	-1.6	8.0	933	2053	-1.7	3.9	34	7	-4.4	45.5	-1.3	-.0	1.9
12TH	112.00	-1.4	8.0	933	2053	-1.5	3.9	37	7	-2.8	37.5	-.9	-.0	1.7
13TH	121.33	-1.3	8.0	933	2053	-1.4	3.9	40	6	-1.4	29.5	-.6	.0	1.4
14TH	130.66	-1.1	7.7	933	2053	-1.2	3.8	43	6	-.1	21.5	-.4	.0	1.0
15TH	140.00	1.0	13.8	2184	5905	.5	2.3	50	-4	1.0	13.8	-.2	.0	.7
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-20.3	202.0	-14.6	-.7	-5.3
1ST	9.33	-4.2	16.5	933	2534	-4.5	6.5	-62	-16	-16.1	185.5	-12.8	-.6	-4.2
2ND	18.67	-3.3	16.6	933	2534	-3.5	6.5	-62	-12	-12.8	168.9	-11.1	-.4	-3.2
3RD	28.00	-2.4	14.3	933	2308	-2.6	6.2	-49	-8	-10.4	154.6	-9.6	-.3	-2.4
4TH	37.33	-2.0	11.8	933	2053	-2.1	5.7	-28	-5	-8.4	142.8	-8.3	-.2	-2.1
5TH	46.67	-1.7	11.9	933	2053	-1.9	5.8	-27	-4	-6.7	130.9	-7.0	-.2	-1.8
6TH	56.00	-1.5	12.0	933	2053	-1.6	5.8	-25	-3	-5.2	119.0	-5.8	-.1	-1.5
7TH	65.33	-1.3	12.1	933	2053	-1.4	5.9	-23	-2	-3.9	106.9	-4.8	-.1	-1.2
8TH	74.66	-1.0	12.2	933	2053	-1.1	5.9	-22	-2	-2.9	94.7	-3.8	-.0	-.9
9TH	84.00	-.9	12.0	933	2053	-.9	5.8	-20	-1	-2.0	82.7	-3.0	-.0	-.7
10TH	93.33	-.8	11.7	933	2053	-.8	5.7	-18	-1	-1.3	71.0	-2.3	.0	-.5
11TH	102.66	-.6	11.5	933	2053	-.7	5.6	-16	-1	-.6	59.5	-1.7	.0	-.3
12TH	112.00	-.5	11.3	933	2053	-.6	5.5	-14	-1	-.1	48.3	-1.2	.0	-.1
13TH	121.33	-.4	11.0	933	2053	-.5	5.4	-12	-0	.3	37.3	-.8	.0	.0
14TH	130.66	-.3	10.8	933	2053	-.3	5.2	-10	-0	.7	26.5	-.5	.0	.1
15TH	140.00	-.2	10.0	933	2053	-.2	4.9	-6	-0	.9	16.5	-.3	.0	.2
TOP	171.00	.9	16.5	2184	5905	.4	2.8	12	-1	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-3.0	26.8	933	2534	-3.2	10.6	-64	-7	-61.1	417.5	-33.6	-4.2	-15.4
1ST	9.33	-3.9	27.5	933	2534	-4.2	10.8	-64	-9	-58.1	390.7	-29.8	-3.6	-13.7
2ND	18.67	-4.8	24.5	933	2308	-5.2	10.6	-55	-11	-54.2	363.2	-26.3	-3.1	-11.9
3RD	28.00	-5.0	21.1	933	2053	-5.4	10.3	-39	-9	-49.4	338.7	-23.0	-2.6	-10.5
4TH	37.33	-4.9	21.8	933	2053	-5.3	10.6	-38	-9	-44.3	317.5	-19.9	-2.2	-9.6
5TH	46.67	-4.9	22.5	933	2053	-5.2	11.0	-38	-8	-39.4	295.7	-17.1	-1.8	-8.7
6TH	56.00	-4.8	23.2	933	2053	-5.1	11.3	-38	-8	-34.6	273.2	-14.4	-1.4	-7.8
7TH	65.33	-4.7	23.9	933	2053	-5.0	11.6	-38	-7	-29.8	250.0	-12.0	-1.1	-6.9
8TH	74.66	-4.4	24.4	933	2053	-4.7	11.9	-36	-7	-25.1	226.1	-9.8	-.9	-6.0
9TH	84.00	-4.0	24.8	933	2053	-4.2	12.1	-34	-5	-20.7	201.8	-7.8	-.7	-5.1
10TH	93.33	-3.5	25.3	933	2053	-3.8	12.3	-33	-5	-16.7	177.0	-6.0	-.5	-4.2
11TH	102.66	-3.1	25.7	933	2053	-3.3	12.5	-31	-4	-13.2	151.7	-4.5	-.3	-3.4
12TH	112.00	-2.6	26.2	933	2053	-2.8	12.7	-29	-3	-10.1	126.0	-3.2	-.2	-2.5
13TH	121.33	-2.2	26.6	933	2053	-2.3	13.0	-28	-2	-7.5	99.8	-2.1	-.2	-1.8
14TH	130.66	-1.7	25.9	933	2053	-1.8	12.6	-25	-2	-5.3	73.2	-1.3	-.1	-1.0
15TH	140.00	-3.6	47.3	2184	3905	-1.7	8.0	-8	-1	-3.6	47.3	-.7	-.1	-.4
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-2.2	29.6	933	2534	-2.3	11.7	-71	-5	-62.7	421.0	-33.6	-4.1	-16.7
1ST	9.33	-3.9	29.7	933	2534	-4.1	11.7	-71	-9	-60.5	391.5	-29.8	-3.5	-14.6
2ND	18.67	-5.5	25.8	933	2308	-5.9	11.2	-62	-13	-56.6	361.8	-26.3	-2.9	-12.5
3RD	28.00	-5.9	21.6	933	2053	-6.3	10.5	-47	-13	-51.1	336.0	-23.0	-2.4	-10.8
4TH	37.33	-5.7	21.9	933	2053	-6.1	10.7	-46	-12	-45.3	314.4	-20.0	-2.0	-9.7
5TH	46.67	-5.5	22.1	933	2053	-5.9	10.8	-46	-11	-39.6	292.5	-17.2	-1.6	-8.6
6TH	56.00	-5.3	22.4	933	2053	-5.7	10.9	-46	-11	-34.1	270.4	-14.5	-1.2	-7.6
7TH	65.33	-5.2	22.7	933	2053	-5.5	11.0	-46	-10	-28.7	248.0	-12.1	-1.0	-6.5
8TH	74.66	-4.8	23.3	933	2053	-5.1	11.3	-42	-9	-23.6	225.3	-9.9	-.7	-5.4
9TH	84.00	-4.2	23.9	933	2053	-4.5	11.7	-38	-7	-18.8	202.0	-7.9	-.5	-4.4
10TH	93.33	-3.7	24.6	933	2053	-3.9	12.0	-34	-5	-14.6	178.1	-6.1	-.4	-3.4
11TH	102.66	-3.1	25.2	933	2053	-3.3	12.3	-31	-4	-10.9	153.5	-4.6	-.2	-2.6
12TH	112.00	-2.6	25.9	933	2053	-2.7	12.6	-27	-3	-7.8	128.3	-3.3	-.2	-1.8
13TH	121.33	-2.0	26.5	933	2053	-2.1	12.9	-23	-2	-5.2	102.5	-2.2	-.1	-1.1
14TH	130.66	-1.4	26.0	933	2053	-1.5	12.7	-19	-1	-3.2	76.0	-1.4	-.1	-.5
15TH	140.00	-1.8	49.9	2184	5905	-.8	8.5	1	0	-1.8	49.9	-.8	-.0	.0
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-2.6	25.5	933	2534	-2.8	10.1	-54	-6	-47.5	348.2	-26.8	-2.9	-10.0
1ST	9.33	-3.5	25.3	933	2534	-3.8	10.0	-54	-8	-44.9	322.7	-23.7	-2.5	-8.6
2ND	18.67	-4.5	22.6	933	2308	-4.8	9.8	-46	-9	-41.3	297.5	-20.8	-2.1	-7.2
3RD	28.00	-4.6	19.9	933	2053	-4.9	9.7	-34	-8	-36.9	274.9	-18.1	-1.7	-6.1
4TH	37.33	-4.3	19.7	933	2053	-4.7	9.6	-33	-7	-32.3	255.0	-15.7	-1.4	-5.4
5TH	46.67	-4.1	19.5	933	2053	-4.4	9.5	-32	-7	-28.0	235.3	-13.4	-1.1	-4.7
6TH	56.00	-3.9	19.4	933	2053	-4.2	9.4	-31	-6	-23.8	215.8	-11.3	-.8	-4.0
7TH	65.33	-3.7	19.2	933	2053	-4.0	9.4	-30	-6	-19.9	196.4	-9.3	-.6	-3.4
8TH	74.66	-3.4	19.4	933	2053	-3.6	9.5	-28	-5	-16.2	177.1	-7.6	-.5	-2.8
9TH	84.00	-3.0	19.7	933	2053	-3.2	9.6	-26	-4	-12.8	157.7	-6.0	-.3	-2.2
10TH	93.33	-2.6	19.9	933	2053	-2.7	9.7	-23	-3	-9.9	138.0	-4.7	-.2	-1.7
11TH	102.66	-2.2	20.1	933	2053	-2.3	9.8	-21	-2	-7.3	118.1	-3.5	-.2	-1.2
12TH	112.00	-1.7	20.4	933	2053	-1.9	9.9	-19	-2	-5.1	98.0	-2.5	-.1	-.8
13TH	121.33	-1.3	20.6	933	2053	-1.4	10.0	-17	-1	-3.4	77.6	-1.6	-.1	-.4
14TH	130.66	-.9	19.9	933	2053	-1.0	9.7	-13	-1	-2.0	56.9	-1.0	-.0	-.1
15TH	140.00	-1.1	37.1	2184	5905	-.5	6.3	5	0	-1.1	37.1	-.6	-.0	.2
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 180													TOWER CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE CONFIGURATION A REFERENCE PRESSURE 22.0 PSF													GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)																
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z														
POOL	0.00																											
		- .8	15.3	933	2534	- .9	6.0	-57	-3	-14.7	244.2	-19.8		-.5														
1ST	9.33	-1.3	15.7	933	2534	-1.4	6.2	-59	-5	-13.9	228.9	-17.6		-.4														
2ND	18.67	-1.8	14.4	933	2308	-1.9	6.2	-53	-7	-12.6	213.2	-15.5		-.3														
3RD	28.00	-1.9	12.7	933	2053	-2.0	6.2	-41	-6	-10.8	198.8	-13.6		-.2														
4TH	37.33	-1.8	12.9	933	2053	-2.0	6.3	-42	-6	-8.9	186.1	-11.8		-.1														
5TH	46.67	-1.8	13.1	933	2053	-1.9	6.4	-42	-6	-7.0	173.2	-10.1		-.0														
6TH	56.00	-1.7	13.3	933	2053	-1.8	6.5	-43	-6	-5.2	160.1	-8.6		.1														
7TH	65.33	-1.7	13.5	933	2053	-1.8	6.6	-43	-5	-3.5	146.8	-7.1		.1														
8TH	74.66	-1.5	13.8	933	2053	-1.6	6.7	-41	-4	-1.9	133.4	-5.8		.1														
9TH	84.00	-1.2	14.3	933	2053	-1.2	6.9	-39	-3	-.4	119.5	-4.6		.1														
10TH	93.33	-.9	14.7	933	2053	-.9	7.2	-36	-2	.8	105.3	-3.6		.1														
11TH	102.66	-.6	15.1	933	2053	-.6	7.4	-34	-1	1.6	90.6	-2.7		.1														
12TH	112.00	-.3	15.5	933	2053	-.3	7.6	-32	-1	2.2	75.5	-1.9		.1														
13TH	121.33	.1	15.9	933	2053	.1	7.8	-30	0	2.4	60.0	-1.3		.1														
14TH	130.66	.4	15.6	933	2053	.4	7.6	-27	1	2.4	44.0	-.8		.1														
15TH	140.00	2.0	28.4	2184	5905	.9	4.8	-6	0	2.0	28.4	-.4		.0														
TOP	171.00									0.0	0.0	0.0		0.0														

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	4.1	7.8	933	2534	4.4	3.1	-65	34	28.1	148.0	-12.7	2.1	-6.7
1ST	9.33	2.9	8.4	933	2534	3.1	3.3	-75	26	24.0	140.2	-11.4	1.8	-6.1
2ND	18.67	1.8	7.6	933	2300	1.9	3.3	-71	17	21.1	131.8	-10.1	1.6	-5.4
3RD	28.00	1.4	6.5	933	2053	1.5	3.1	-56	12	19.3	124.2	-8.9	1.4	-4.8
4TH	37.33	1.3	6.9	933	2053	1.4	3.3	-56	10	17.9	117.7	-7.8	1.3	-4.4
5TH	46.67	1.2	7.3	933	2053	1.3	3.5	-55	9	16.6	110.9	-6.7	1.1	-4.0
6TH	56.00	1.1	7.7	933	2053	1.2	3.7	-55	8	15.4	103.6	-5.7	1.0	-3.6
7TH	65.33	1.0	8.1	933	2053	1.1	3.9	-55	7	14.3	95.9	-4.8	.8	-3.2
8TH	74.66	1.0	8.5	933	2053	1.1	4.1	-51	6	13.4	87.8	-4.0	.7	-2.7
9TH	84.00	1.1	8.9	933	2053	1.1	4.3	-46	6	12.4	79.3	-3.2	.6	-2.3
10TH	93.33	1.1	9.3	933	2053	1.1	4.5	-42	5	11.3	70.5	-2.5	.5	-1.9
11TH	102.66	1.2	9.6	933	2053	1.2	4.7	-39	5	10.2	61.2	-1.9	.4	-1.5
12TH	112.00	1.3	10.0	933	2053	1.4	4.9	-35	5	9.0	51.6	-1.3	.3	-1.1
13TH	121.33	1.4	10.4	933	2053	1.5	5.1	-32	4	7.7	41.5	-.9	.2	-.8
14TH	130.66	1.4	10.4	933	2053	1.6	5.1	-28	4	6.3	31.1	-.6	.1	-.4
15TH	140.00	4.9	20.7	2184	5905	2.2	3.5	-5	1	4.9	20.7	-.3	.1	-.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAVOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE														
WIND DIRECTION 200		CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									17.2	66.8	-6.1	1.4	-4.3
1ST	9.33	2.4	3.3	933	2534	2.6	1.3	-84	62	14.8	63.5	-5.5	1.3	-3.9
2ND	18.67	1.6	3.6	933	2534	1.8	1.4	-104	48	13.1	59.9	-4.9	1.1	-3.4
3RD	28.00	.9	3.1	933	2308	.9	1.4	-112	32	12.3	56.8	-4.4	1.0	-3.0
4TH	37.33	.6	2.5	933	2053	.7	1.2	-102	26	11.6	54.3	-3.8	.9	-2.8
5TH	46.67	.6	2.7	933	2053	.6	1.3	-97	21	11.0	51.6	-3.4	.8	-2.5
6TH	56.00	.6	2.9	933	2053	.6	1.4	-92	18	10.5	48.7	-2.9	.7	-2.2
7TH	65.33	.5	3.2	933	2053	.6	1.5	-88	15	9.9	45.5	-2.4	.6	-1.9
8TH	74.66	.5	3.4	933	2053	.5	1.6	-84	12	9.4	42.1	-2.0	.5	-1.6
9TH	84.00	.5	3.6	933	2053	.6	1.8	-75	11	8.9	38.5	-1.7	.4	-1.4
10TH	93.33	.6	3.8	933	2053	.7	1.9	-67	11	8.3	34.7	-1.3	.3	-1.1
11TH	102.66	.7	4.0	933	2053	.8	2.0	-59	11	7.5	30.7	-1.0	.3	-.8
12TH	112.00	.8	4.2	933	2053	.9	2.1	-52	10	6.7	26.5	-.7	.2	-.6
13TH	121.33	1.0	4.5	933	2053	1.0	2.2	-46	10	5.7	22.0	-.5	.1	-.4
14TH	130.66	1.1	4.7	933	2053	1.1	2.3	-40	9	4.7	17.3	-.3	.1	-.2
15TH	140.00	1.2	4.7	933	2053	1.2	2.3	-33	8	3.5	12.6	-.2	.1	-.0
TOP	171.00	3.5	12.6	2184	5965	1.6	2.1	-3	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 210

CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									91.0	27.3	-3.0	7.4	.1
1ST	9.33	3.7	-1.2	933	2534	4.0	-1.1	-0	-1	87.3	27.5	-2.7	6.6	.1
2ND	18.67	4.5	.0	933	2534	4.8	.0	0	-2	82.8	27.5	-2.5	5.8	.1
3RD	28.00	5.3	.4	933	2308	5.7	.2	-0	0	77.5	27.1	-2.2	5.0	.1
4TH	37.33	5.5	.7	933	2053	5.9	.4	-1	4	72.0	26.4	-1.9	4.3	.1
5TH	46.67	5.5	1.0	933	2053	5.9	.5	-1	4	66.5	25.4	-1.7	3.7	.1
6TH	56.00	5.5	1.2	933	2053	5.9	.6	-1	4	60.9	24.2	-1.5	3.1	.2
7TH	65.33	5.5	1.4	933	2053	5.9	.7	-1	5	55.4	22.8	-1.3	2.5	.2
8TH	74.66	5.5	1.6	933	2053	5.9	.8	-1	5	49.9	21.2	-1.1	2.0	.2
9TH	84.00	5.6	1.7	933	2053	6.0	.9	-1	3	44.3	19.4	-1.0	1.6	.2
10TH	93.33	5.7	1.8	933	2053	6.1	.9	-0	1	38.5	17.6	-.7	1.2	.2
11TH	102.66	5.9	1.9	933	2053	6.3	.9	0	-1	32.7	15.6	-.5	.9	.2
12TH	112.00	6.0	2.0	933	2053	6.4	1.0	1	-2	26.6	13.6	-.4	.6	.2
13TH	121.33	6.2	2.1	933	2053	6.6	1.0	1	-4	20.5	11.5	-.3	.4	.2
14TH	130.66	6.3	2.2	933	2053	6.8	1.1	2	-5	14.2	9.3	-.2	.2	.2
15TH	140.00	6.4	2.2	933	2053	6.9	1.1	3	-7	7.7	7.0	-.1	.1	.1
TOP	171.00	7.7	7.0	2184	5905	3.5	1.2	7	-8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									96.9	-23.0	.9	7.7	4.7
1ST	9.33	4.0	-4.2	933	2534	4.2	-1.7	-63	-59	92.9	-18.8	.7	6.8	4.2
2ND	18.67	4.8	-4.0	933	2534	5.1	-1.6	-50	-61	88.1	-14.9	.6	6.0	3.7
3RD	28.00	5.6	-2.9	933	2308	6.0	-1.2	-26	-52	82.5	-12.0	.4	5.2	3.4
4TH	37.33	5.9	-1.7	933	2053	6.3	-.8	-10	-35	76.6	-10.3	.3	4.5	3.2
5TH	46.67	6.0	-1.6	933	2053	6.4	-.8	-9	-36	70.6	-8.7	.2	3.8	2.9
6TH	56.00	6.0	-1.5	933	2053	6.5	-.7	-9	-37	64.6	-7.3	.2	3.1	2.7
7TH	65.33	6.1	-1.4	933	2053	6.6	-.7	-8	-37	58.5	-5.9	.1	2.6	2.5
8TH	74.66	6.2	-1.2	933	2053	6.6	-.6	-8	-38	52.3	-4.7	.1	2.0	2.2
9TH	84.00	6.3	-1.1	933	2053	6.7	-.6	-7	-37	46.0	-3.5	.0	1.6	2.0
10TH	93.33	6.4	-1.0	933	2053	6.8	-.5	-6	-37	39.6	-2.5	-.0	1.2	1.7
11TH	102.66	6.4	-1.0	933	2053	6.9	-.5	-5	-37	33.2	-1.5	-.0	.9	1.5
12TH	112.00	6.5	-.9	933	2053	7.0	-.4	-5	-36	26.7	-.7	-.0	.6	1.2
13TH	121.33	6.6	-.8	933	2053	7.1	-.4	-4	-36	20.1	.1	-.0	.4	1.0
14TH	130.66	6.7	-.7	933	2053	7.2	-.3	-3	-35	13.4	.8	-.0	.2	.8
15TH	140.00	6.8	-.6	933	2053	7.2	-.3	-3	-36	6.7	1.4	-.0	.1	.5
TOP	171.00	6.7	1.4	2184	5905	3.0	.2	16	-77	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	5.9	-11.1	933	2534	6.3	-4.4	-67	-36	151.9	-132.6	9.7	12.7	12.0
1ST	9.33	7.1	-11.3	933	2534	7.6	-4.5	-65	-40	146.0	-121.5	8.5	11.4	11.1
2ND	18.67	8.2	-9.4	933	2308	8.8	-4.1	-49	-42	139.0	-110.2	7.5	10.0	10.1
3RD	28.00	8.6	-7.2	933	2053	9.2	-3.5	-30	-36	130.8	-100.7	6.5	8.8	9.2
4TH	37.33	8.7	-7.4	933	2053	9.3	-3.6	-33	-39	122.2	-93.5	5.6	7.6	8.7
5TH	46.67	8.7	-7.5	933	2053	9.4	-3.7	-36	-42	113.5	-86.2	4.7	6.5	8.1
6TH	56.00	8.8	-7.7	933	2053	9.4	-3.7	-39	-45	104.8	-78.7	4.0	5.5	7.5
7TH	65.33	8.9	-7.8	933	2053	9.5	-3.8	-42	-47	96.0	-71.0	3.3	4.5	6.8
8TH	74.66	9.1	-7.7	933	2053	9.8	-3.7	-40	-47	87.1	-63.2	2.6	3.7	6.1
9TH	84.00	9.5	-7.5	933	2053	10.2	-3.7	-37	-46	78.0	-55.5	2.1	2.9	5.3
10TH	93.33	9.9	-7.3	933	2053	10.6	-3.6	-34	-45	68.5	-48.0	1.6	2.2	4.6
11TH	102.66	10.3	-7.2	933	2053	11.0	-3.5	-31	-44	58.6	-40.6	1.2	1.6	3.9
12TH	112.00	10.6	-7.0	933	2053	11.4	-3.4	-28	-43	48.3	-33.5	.8	1.1	3.2
13TH	121.33	11.0	-6.8	933	2053	11.8	-3.3	-26	-42	37.7	-26.5	.6	.7	2.6
14TH	130.66	11.4	-6.8	933	2053	12.2	-3.3	-24	-40	26.6	-19.6	.3	.4	1.9
15TH	140.00	15.2	-12.8	2184	5905	7.0	-2.2	-43	-51	15.2	-12.8	.2	.2	1.3
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									196.9	-209.9	14.9	16.5	17.8
1ST	9.33	7.7	-16.7	933	2534	8.2	-6.6	-67	-31	189.2	-193.2	13.0	14.6	16.5
2ND	18.67	9.1	-17.5	933	2534	9.7	-6.9	-67	-35	180.2	-175.7	11.3	12.9	15.0
3RD	28.00	10.5	-15.3	933	2308	11.2	-6.6	-55	-37	169.7	-160.4	9.7	11.3	13.7
4TH	37.33	11.0	-12.3	933	2053	11.8	-6.0	-38	-34	158.7	-148.1	8.3	9.8	12.9
5TH	46.67	11.2	-12.6	933	2053	12.0	-6.1	-41	-36	147.5	-135.5	7.0	8.3	12.0
6TH	56.00	11.4	-12.9	933	2053	12.2	-6.3	-43	-38	136.1	-122.6	5.8	7.0	11.0
7TH	65.33	11.7	-13.2	933	2053	12.5	-6.4	-45	-40	124.4	-109.5	4.7	5.8	9.9
8TH	74.66	11.9	-13.5	933	2053	12.7	-6.6	-47	-42	112.6	-96.0	3.7	4.7	8.8
9TH	84.00	12.2	-13.0	933	2053	13.1	-6.4	-45	-42	100.4	-83.0	2.9	3.7	7.7
10TH	93.33	12.6	-12.6	933	2053	13.5	-6.1	-42	-43	87.8	-70.4	2.2	2.8	6.6
11TH	102.66	13.0	-12.1	933	2053	13.9	-5.9	-40	-43	74.8	-58.4	1.6	2.1	5.6
12TH	112.00	13.4	-11.6	933	2053	14.4	-5.6	-37	-43	61.4	-46.8	1.1	1.4	4.6
13TH	121.33	13.8	-11.1	933	2053	14.8	-5.4	-34	-42	47.6	-35.7	.7	.9	3.6
14TH	130.66	14.2	-10.6	933	2053	15.2	-5.1	-31	-42	33.4	-25.2	.4	.5	2.7
15TH	140.00	14.6	-10.2	933	2053	15.6	-5.0	-29	-41	18.8	-15.0	.2	.3	1.8
TOP	171.00	18.8	-15.0	2184	5905	8.6	-2.5	-47	-59	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 250				TOWER CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE CONFIGURATION AREFERENCE PRESSURE 22.0 PSF						GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									207.8	-209.8	20.8	18.1	21.8
1ST	9.33	2.6	-21.1	933	2534	2.8	-8.3	-68	-9	205.1	-268.6	18.2	16.2	20.3
2ND	18.67	6.8	-22.4	933	2534	7.2	-8.9	-69	-21	198.4	-246.2	15.8	14.3	18.6
3RD	28.00	10.8	-20.4	933	2308	11.5	-8.9	-56	-30	187.6	-225.8	13.6	12.5	17.1
4TH	37.33	12.1	-17.3	933	2053	13.0	-8.4	-41	-29	175.5	-208.5	11.6	10.8	16.1
5TH	46.67	12.4	-17.8	933	2053	13.3	-8.7	-43	-30	163.1	-190.7	9.7	9.2	14.9
6TH	56.00	12.7	-18.2	933	2053	13.6	-8.9	-46	-32	150.4	-172.5	8.0	7.7	13.7
7TH	65.33	13.0	-18.7	933	2053	13.9	-9.1	-48	-33	137.5	-153.8	6.5	6.4	12.4
8TH	74.66	13.2	-19.1	933	2053	14.2	-9.3	-50	-34	124.2	-134.6	5.1	5.2	11.0
9TH	84.00	13.6	-18.6	933	2053	14.5	-9.0	-48	-35	110.6	-116.1	4.0	4.1	9.6
10TH	93.33	14.0	-17.9	933	2053	15.0	-8.7	-47	-36	96.7	-98.2	3.0	3.1	8.3
11TH	102.66	14.3	-17.2	933	2053	15.4	-8.4	-45	-37	82.4	-81.0	2.1	2.3	7.0
12TH	112.00	14.7	-16.5	933	2053	15.8	-8.0	-43	-38	67.7	-64.5	1.5	1.6	5.7
13TH	121.33	15.1	-15.8	933	2053	16.2	-7.7	-41	-39	52.6	-48.6	.9	1.0	4.5
14TH	130.66	15.5	-15.1	933	2053	16.6	-7.4	-39	-39	37.1	-33.5	.5	.6	3.3
15TH	140.00	15.8	-14.4	933	2053	17.0	-7.0	-36	-40	21.3	-19.1	.3	.3	2.1
TOP	171.00	21.3	-19.1	2184	5905	9.8	-3.2	-49	-55	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECGEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									180.9	-253.4	18.6	16.1	20.3
1ST	9.33	-1.5	-18.5	933	2534	-1.6	-7.3	-70	2	181.5	-234.8	16.3	14.4	19.0
2ND	18.67	4.4	-19.6	933	2534	4.7	-7.7	-74	-17	177.1	-215.2	14.2	12.7	17.5
3RD	28.00	9.2	-17.7	933	2300	9.9	-7.7	-60	-31	167.9	-197.5	12.3	11.1	16.1
4TH	37.33	10.8	-14.8	933	2053	11.5	-7.2	-44	-32	157.1	-182.7	10.5	9.6	15.1
5TH	46.67	11.1	-15.0	933	2053	11.9	-7.3	-46	-34	146.0	-167.7	8.9	8.2	14.1
6TH	56.00	11.4	-15.2	933	2053	12.3	-7.4	-48	-36	134.5	-152.5	7.4	6.9	12.9
7TH	65.33	11.8	-15.4	933	2053	12.6	-7.5	-49	-38	122.8	-137.1	6.0	5.7	11.7
8TH	74.66	12.1	-15.6	933	2053	13.0	-7.6	-51	-40	110.7	-121.5	4.8	4.6	10.4
9TH	84.00	12.4	-15.4	933	2053	13.3	-7.5	-50	-40	98.3	-106.1	3.8	3.6	9.2
10TH	93.33	12.7	-15.1	933	2053	13.6	-7.4	-48	-41	85.6	-91.0	2.9	2.7	7.9
11TH	102.66	12.9	-14.9	933	2053	13.8	-7.2	-47	-41	72.7	-76.1	2.1	2.0	6.7
12TH	112.00	13.2	-14.6	933	2053	14.1	-7.1	-46	-41	59.6	-61.6	1.4	1.4	5.5
13TH	121.33	13.4	-14.3	933	2053	14.4	-7.0	-44	-41	46.1	-47.2	.9	.9	4.3
14TH	130.66	13.7	-14.1	933	2053	14.6	-6.8	-43	-42	32.5	-33.2	.5	.5	3.1
15TH	140.00	13.9	-13.6	933	2053	14.9	-6.6	-41	-42	18.6	-19.6	.3	.3	2.0
TOP	171.00	18.6	-19.6	2184	5905	8.5	-3.3	-54	-51	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-1.9	-17.0	933	2534	-2.1	-6.7	-59	7	176.1	-172.6	11.0	15.3	14.2
1ST	9.33	3.9	-17.2	933	2534	4.2	-6.8	-65	-15	178.0	-155.6	9.5	13.7	13.2
2ND	18.67	9.6	-14.9	933	2300	10.3	-6.5	-48	-31	174.2	-138.3	8.1	12.0	12.0
3RD	28.00	11.4	-11.8	933	2053	12.2	-5.8	-30	-29	164.6	-123.4	6.9	10.4	11.0
4TH	37.33	11.7	-11.4	933	2053	12.6	-5.6	-31	-32	153.2	-111.6	5.8	8.9	10.3
5TH	46.67	12.0	-11.0	933	2053	12.9	-5.4	-31	-34	141.4	-100.2	4.8	7.6	9.6
6TH	56.00	12.3	-10.7	933	2053	13.2	-5.2	-32	-37	129.4	-89.1	3.9	6.3	8.8
7TH	65.33	12.7	-10.3	933	2053	13.6	-5.0	-32	-39	117.1	-78.5	3.1	5.2	8.0
8TH	74.66	12.8	-9.9	933	2053	13.7	-4.8	-31	-40	104.4	-68.2	2.4	4.1	7.2
9TH	84.00	12.8	-9.6	933	2053	13.7	-4.7	-31	-41	91.6	-58.3	1.8	3.2	6.4
10TH	93.33	12.8	-9.2	933	2053	13.7	-4.5	-31	-42	78.8	-48.7	1.3	2.4	5.6
11TH	102.66	12.8	-8.9	933	2053	13.7	-4.3	-30	-43	66.0	-39.5	.9	1.7	4.7
12TH	112.00	12.8	-8.6	933	2053	13.7	-4.2	-30	-44	53.2	-30.6	.6	1.2	3.9
13TH	121.33	12.8	-8.2	933	2053	13.7	-4.0	-29	-46	40.4	-22.0	.4	.7	3.1
14TH	130.66	12.8	-7.8	933	2053	13.7	-3.8	-28	-46	27.7	-13.8	.2	.4	2.3
15TH	140.00	14.9	-6.0	2184	5905	6.8	-1.0	-34	-84	14.9	-6.0	.1	.2	1.5
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	- .0	-10.6	933	2534	- .0	-4.2	-48	0	139.5	-103.7	5.8	11.4	5.4
1ST	9.33	4.2	-10.8	933	2534	4.5	-4.3	-47	-19	139.5	-93.1	4.9	10.1	4.9
2ND	18.67	8.4	-9.6	933	2308	9.0	-4.2	-28	-25	135.3	-82.3	4.0	8.8	4.3
3RD	28.00	9.7	-8.1	933	2053	10.4	-3.9	-15	-18	126.9	-72.7	3.3	7.6	3.8
4TH	37.33	10.0	-8.0	933	2053	10.7	-3.9	-15	-18	117.2	-64.6	2.7	6.4	3.5
5TH	46.67	10.2	-7.9	933	2053	10.9	-3.9	-14	-18	107.2	-56.6	2.1	5.4	3.2
6TH	56.00	10.5	-7.9	933	2053	11.2	-3.8	-14	-19	97.0	-48.7	1.6	4.4	2.9
7TH	65.33	10.7	-7.8	933	2053	11.5	-3.8	-14	-19	86.5	-40.8	1.2	3.6	2.6
8TH	74.66	10.6	-7.1	933	2053	11.4	-3.5	-13	-19	75.8	-33.0	.9	2.8	2.3
9TH	84.00	10.3	-6.3	933	2053	11.0	-3.1	-13	-20	65.2	-25.9	.6	2.2	2.0
10TH	93.33	9.9	-5.5	933	2053	10.6	-2.7	-12	-22	54.9	-19.6	.4	1.6	1.7
11TH	102.66	9.6	-4.8	933	2053	10.2	-2.3	-11	-23	45.0	-14.1	.2	1.1	1.4
12TH	112.00	9.2	-4.0	933	2053	9.9	-1.9	-10	-24	35.5	-9.3	.1	.8	1.2
13TH	121.33	8.8	-3.2	933	2053	9.5	-1.6	-9	-25	26.3	-5.4	.0	.5	.9
14TH	130.66	8.5	-2.4	933	2053	9.1	-1.2	-8	-27	17.4	-2.2	.0	.3	.6
15TH	140.00	8.9	.3	2184	5905	4.1	.0	1	-45	8.9	.3	-.0	.1	.4
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									53.1	-40.8	1.7	4.1	-.3
1ST	9.33	-1.0	-3.3	933	2534	-1.1	-1.3	17	-5	54.1	-37.5	1.3	3.6	-.2
2ND	18.67	1.4	-3.5	933	2534	1.5	-1.4	12	5	52.7	-34.0	1.0	3.1	-.2
3RD	28.00	3.8	-3.9	933	2308	4.0	-1.7	4	4	48.9	-30.1	.7	2.7	-.1
4TH	37.33	4.4	-4.2	933	2053	4.7	-2.0	3	3	44.5	-25.9	.4	2.2	-.1
5TH	46.67	4.4	-4.4	933	2053	4.7	-2.1	4	4	40.1	-21.6	.2	1.8	-.1
6TH	56.00	4.4	-4.6	933	2053	4.7	-2.2	5	4	35.7	-17.0	.0	1.5	-.0
7TH	65.33	4.4	-4.8	933	2053	4.7	-2.3	5	5	31.3	-12.2	-.1	1.2	.0
8TH	74.66	4.4	-5.0	933	2053	4.7	-2.4	6	5	26.9	-7.2	-.2	.9	.1
9TH	84.00	4.3	-4.2	933	2053	4.6	-2.1	5	5	22.6	-3.0	-.2	.7	.1
10TH	93.33	4.0	-3.3	933	2053	4.3	-1.6	4	5	18.6	.4	-.2	.5	.1
11TH	102.66	3.8	-2.5	933	2053	4.1	-1.2	3	4	14.8	2.8	-.2	.3	.2
12TH	112.00	3.6	-1.6	933	2053	3.9	-.8	1	3	11.2	4.4	-.2	.2	.2
13TH	121.33	3.4	-.7	933	2053	3.6	-.3	0	0	7.8	5.1	-.1	.1	.2
14TH	130.66	3.2	.2	933	2053	3.4	.1	0	-3	4.7	4.9	-.1	.1	.2
15TH	140.00	2.9	1.0	933	2053	3.1	.5	3	-10	1.7	3.9	-.1	.0	.1
TOP	171.00	1.7	3.9	2184	5905	.8	.7	29	-13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 300

CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-9.5	-21.1	-.1	-.5	-2.1
1ST	9.33	-1.8	-3.3	933	2534	-1.9	-1.3	13	-7	-7.7	-17.8	-.3	-.5	-2.0
2ND	18.67	-1.2	-3.4	933	2534	-1.3	-1.3	22	-8	-6.5	-14.5	-.4	-.4	-1.9
3RD	28.00	-.7	-3.2	933	2308	-.7	-1.4	41	-9	-5.9	-11.3	-.5	-.3	-1.8
4TH	37.33	-.5	-3.0	933	2053	-.6	-1.5	62	-11	-5.3	-8.3	-.6	-.3	-1.6
5TH	46.67	-.5	-3.1	933	2053	-.6	-1.5	67	-12	-4.8	-5.2	-.7	-.2	-1.4
6TH	56.00	-.6	-3.2	933	2053	-.6	-1.5	71	-12	-4.2	-2.0	-.7	-.2	-1.1
7TH	65.33	-.6	-3.3	933	2053	-.6	-1.6	75	-13	-3.7	1.2	-.7	-.2	-.9
8TH	74.66	-.6	-3.3	933	2053	-.6	-1.6	80	-13	-3.1	4.6	-.7	-.1	-.6
9TH	84.00	-.5	-2.7	933	2053	-.6	-1.3	86	-17	-2.6	7.2	-.6	-.1	-.4
10TH	93.33	-.5	-1.9	933	2053	-.5	-.9	98	-24	-2.1	9.1	-.6	-.1	-.2
11TH	102.66	-.4	-1.1	933	2053	-.4	-.5	124	-43	-1.7	10.2	-.5	-.1	-.0
12TH	112.00	-.3	-.3	933	2053	-.3	-.2	182	-167	-1.4	10.6	-.4	-.0	.1
13TH	121.33	-.2	.4	933	2053	-.3	.2	-127	-69	-1.2	10.1	-.3	-.0	.2
14TH	130.66	-.2	1.2	933	2053	-.2	.6	-24	-3	-1.0	8.9	-.2	-.0	.2
15TH	140.00	-.1	2.0	933	2053	-.1	1.0	8	0	-.9	6.9	-.1	-.0	.2
TOP	171.00	-.9	6.9	2184	5905	-.4	1.2	25	3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE				GUST FACTOR 1.32						
WIND DIRECTION 310				CONFIGURATION A				REFERENCE PRESSURE 22.0 PSF						
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-1.5	-3.6	933	2534	-1.6	-1.4	85	-35	-27.6	-16.5	-1.0	-1.9	-5.8
1ST	9.33	-1.9	-3.6	933	2534	-2.0	-1.4	83	-44	-26.1	-12.9	-1.1	-1.6	-5.4
2ND	18.67	-2.3	-3.5	933	2308	-2.5	-1.5	85	-56	-24.2	-9.3	-1.2	-1.4	-5.1
3RD	28.00	-2.3	-3.4	933	2053	-2.5	-1.6	91	-63	-21.9	-5.9	-1.3	-1.2	-4.6
4TH	37.33	-2.2	-3.4	933	2053	-2.4	-1.6	96	-64	-19.6	-2.5	-1.3	-1.0	-4.2
5TH	46.67	-2.1	-3.4	933	2053	-2.3	-1.7	102	-64	-17.3	.9	-1.3	-.8	-3.7
6TH	56.00	-2.1	-3.4	933	2053	-2.2	-1.7	107	-64	-15.2	4.3	-1.3	-.6	-3.2
7TH	65.33	-2.0	-3.4	933	2053	-2.1	-1.7	112	-64	-13.1	7.7	-1.3	-.5	-2.7
8TH	74.66	-1.8	-2.7	933	2053	-2.0	-1.3	119	-82	-11.1	11.1	-1.2	-.4	-2.2
9TH	84.00	-1.7	-1.8	933	2053	-1.8	-.9	124	-114	-9.3	13.8	-1.1	-.3	-1.7
10TH	93.33	-1.5	-1.0	933	2053	-1.7	-.5	110	-169	-7.6	15.7	-.9	-.2	-1.3
11TH	102.66	-1.4	-.2	933	2053	-1.5	-.1	29	-228	-6.1	16.7	-.8	-.2	-1.0
12TH	112.00	-1.3	.7	933	2053	-1.3	.3	-90	-173	-4.7	16.9	-.6	-.1	-.6
13TH	121.33	-1.1	1.5	933	2053	-1.2	.7	-99	-74	-3.4	16.2	-.5	-.1	-.3
14TH	130.66	-1.0	2.6	933	2053	-1.0	1.3	-53	-20	-2.3	14.7	-.3	-.0	-.1
15TH	140.00	-1.3	12.2	2184	5905	-.6	2.1	3	0	-1.3	12.2	-.2	-.0	.0
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

CONFIGURATION A

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-1.1	-4.9	933	2534	-1.2	-1.9	89	-20	-3.2	-49.5	2.1	.0	-8.1
1ST	9.33	-1.0	-4.9	933	2534	-1.1	-1.9	96	-19	-2.1	-44.7	1.6	.1	-7.7
2ND	18.67	-.9	-4.8	933	2306	-.9	-2.1	109	-20	-1.1	-39.8	1.2	.1	-7.2
3RD	28.00	-.7	-4.7	933	2053	-.7	-2.3	121	-17	-.2	-35.0	.9	.1	-6.6
4TH	37.33	-.5	-4.8	933	2053	-.5	-2.3	126	-12	.5	-30.3	.6	.1	-6.1
5TH	46.67	-.3	-4.8	933	2053	-.3	-2.4	131	-7	.9	-25.5	.3	.1	-5.5
6TH	56.00	-.0	-4.9	933	2053	-.0	-2.4	135	-1	1.2	-20.6	.1	.1	-4.8
7TH	65.33	.2	-5.0	933	2053	.2	-2.4	138	5	1.2	-15.7	-.0	.1	-4.2
8TH	74.66	.2	-4.4	933	2053	.3	-2.2	146	8	1.1	-10.8	-.2	.0	-3.5
9TH	84.00	.2	-3.8	933	2053	.2	-1.9	155	8	.8	-6.3	-.3	.0	-2.8
10TH	93.33	.1	-3.3	933	2053	.1	-1.6	167	7	.6	-2.5	-.3	.0	-2.2
11TH	102.66	.1	-2.7	933	2053	.1	-1.3	185	6	.5	.8	-.3	.0	-1.7
12TH	112.00	.0	-2.1	933	2053	.0	-1.0	213	3	.4	3.4	-.3	.0	-1.2
13TH	121.33	-.0	-1.5	933	2053	-.0	-.7	263	-4	.4	5.5	-.2	.0	-.7
14TH	130.66	-.1	-.4	933	2053	-.1	-.2	742	-147	.4	7.0	-.2	.0	-.3
15TH	140.00	.5	7.4	2184	5905	.2	1.3	-5	0	.5	7.4	-.1	.0	-.0
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									3.3	-92.7	5.9	.6	-10.0
1ST	9.33	-1.2	-6.4	933	2534	-1.3	-2.5	70	-13	4.5	-86.3	5.1	.6	-9.6
2ND	18.67	-.9	-6.6	933	2534	-.9	-2.6	75	-10	5.4	-79.7	4.3	.5	-9.0
3RD	28.00	-.6	-6.6	933	2308	-.6	-2.9	86	-7	5.9	-73.1	3.6	.5	-8.5
4TH	37.33	-.3	-6.6	933	2053	-.3	-3.2	98	-4	6.2	-66.5	2.9	.4	-7.8
5TH	46.67	-.0	-6.8	933	2053	-.0	-3.3	101	-1	6.3	-59.7	2.3	.3	-7.1
6TH	56.00	.2	-7.1	933	2053	.2	-3.4	103	3	6.0	-52.6	1.8	.3	-6.4
7TH	65.33	.5	-7.3	933	2053	.5	-3.6	104	7	5.6	-45.3	1.4	.2	-5.7
8TH	74.66	.7	-7.5	933	2053	.8	-3.7	105	10	4.8	-37.8	1.0	.2	-4.9
9TH	84.00	.8	-7.2	933	2053	.8	-3.5	107	12	4.1	-30.6	.6	.1	-4.1
10TH	93.33	.7	-6.8	933	2053	.8	-3.3	109	11	3.4	-23.8	.4	.1	-3.3
11TH	102.66	.6	-6.3	933	2053	.7	-3.1	111	11	2.7	-17.5	.2	.1	-2.6
12TH	112.00	.5	-5.9	933	2053	.6	-2.9	113	10	2.2	-11.6	.1	.1	-1.9
13TH	121.33	.4	-5.5	933	2053	.5	-2.7	116	9	1.7	-6.1	-.0	.0	-1.3
14TH	130.66	.4	-5.1	933	2053	.4	-2.5	119	8	1.4	-1.0	-.1	.0	-.7
15TH	140.00	.3	-3.9	933	2053	.3	-1.9	132	9	1.1	2.9	-.0	.0	-.2
TOP	171.00	1.1	2.9	2184	5905	.5	.5	-54	21	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									16.9	-206.0	15.7	1.1	-14.9
1ST	9.33	1.5	-12.8	933	2534	1.6	-5.1	49	6	15.4	-193.2	13.8	.9	-14.3
2ND	18.67	1.1	-13.0	933	2534	1.2	-5.1	53	5	14.3	-180.2	12.1	.8	-13.6
3RD	28.00	.8	-12.8	933	2308	.9	-5.6	61	4	13.5	-167.4	10.5	.6	-12.8
4TH	37.33	.9	-12.6	933	2053	1.0	-6.1	71	5	12.6	-154.8	8.9	.5	-11.9
5TH	46.67	1.1	-12.6	933	2053	1.2	-6.1	74	7	11.5	-142.2	7.6	.4	-10.9
6TH	56.00	1.4	-12.7	933	2053	1.5	-6.2	78	8	10.1	-129.5	6.3	.3	-9.9
7TH	65.33	1.6	-12.7	933	2053	1.7	-6.2	81	10	8.5	-116.8	5.1	.2	-8.9
8TH	74.66	1.8	-12.8	933	2053	2.0	-6.2	85	12	6.7	-104.0	4.1	.2	-7.8
9TH	84.00	1.8	-12.8	933	2053	1.9	-6.2	84	12	4.9	-91.2	3.2	.1	-6.7
10TH	93.33	1.5	-12.8	933	2053	1.6	-6.2	83	10	3.4	-78.4	2.4	.1	-5.6
11TH	102.66	1.2	-12.8	933	2053	1.3	-6.2	81	8	2.2	-65.6	1.7	.0	-4.5
12TH	112.00	.9	-12.8	933	2053	1.0	-6.2	80	6	1.2	-52.8	1.2	.0	-3.5
13TH	121.33	.6	-12.8	933	2053	.7	-6.2	79	4	.6	-40.1	.8	.0	-2.5
14TH	130.66	.3	-12.8	933	2053	.4	-6.2	77	2	.3	-27.3	.4	.0	-1.5
15TH	140.00	.1	-11.9	933	2053	.1	-5.8	75	0	.2	-15.4	.2	.0	-.6
TOP	171.00	.2	-15.4	2184	5905	.1	-2.6	41	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									29.6	-298.7	24.7	1.7	-18.2
1ST	9.33	2.8	-16.4	933	2534	3.0	-6.5	49	8	26.9	-282.2	22.0	1.4	-17.3
2ND	18.67	2.3	-16.6	933	2534	2.4	-6.6	53	7	24.6	-265.6	19.4	1.2	-16.4
3RD	28.00	1.8	-16.5	933	2308	1.9	-7.2	60	6	22.9	-249.1	17.0	1.0	-15.4
4TH	37.33	1.8	-16.4	933	2053	2.0	-8.0	67	8	21.0	-232.7	14.8	.7	-14.3
5TH	46.67	2.2	-16.5	933	2053	2.3	-8.0	70	9	18.9	-216.2	12.7	.6	-13.1
6TH	56.00	2.5	-16.6	933	2053	2.6	-8.1	73	11	16.4	-199.6	10.7	.4	-11.9
7TH	65.33	2.8	-16.7	933	2053	3.0	-8.1	75	12	13.6	-182.9	8.9	.3	-10.6
8TH	74.66	3.1	-16.8	933	2053	3.3	-8.2	78	14	10.6	-166.1	7.3	.1	-9.3
9TH	84.00	3.0	-17.2	933	2053	3.2	-8.4	75	13	7.6	-148.9	5.8	.1	-7.9
10TH	93.33	2.6	-17.6	933	2053	2.8	-8.6	72	11	5.0	-131.3	4.5	-.0	-6.7
11TH	102.66	2.2	-18.1	933	2053	2.4	-8.8	69	8	2.8	-113.2	3.4	-.0	-5.4
12TH	112.00	1.8	-18.5	933	2053	1.9	-9.0	65	6	1.0	-94.7	2.4	-.1	-4.2
13TH	121.33	1.4	-18.9	933	2053	1.5	-9.2	62	5	-.4	-75.8	1.6	-.1	-3.0
14TH	130.66	1.0	-19.4	933	2053	1.1	-9.4	59	3	-1.4	-56.4	1.0	-.0	-1.8
15TH	140.00	.6	-19.0	932	2053	.6	-9.3	55	2	-2.0	-37.4	.6	-.0	-.8
TOP	171.00	-2.0	-37.4	2184	5905	-.9	-6.3	21	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER, DATA ON HOTEL, WITH TOWER B IN PLACE
 PROJECT 5210 CONFIGURATION A
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 9.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 16

SIDE	ANGLE	Z-AXIS
1	0.0	1.500
2	90.0	3.300
3	180.0	1.500
4	270.0	4.845

FLOOR #	LABEL	HEIGHT-FT
1	POOL	9.33
2	1ST	9.33
3	2ND	9.33
4	3RD	9.33
5	4TH	9.33
6	5TH	9.33
7	6TH	9.33
8	7TH	9.33
9	8TH	9.33
10	9TH	9.33
11	10TH	9.33
12	11TH	9.33
13	12TH	9.33
14	13TH	9.33
15	14TH	9.33
16	15TH	31.00

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
 CONFIGURATION B REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	100.4	-421.9	36.3	7.6	-11.1	25	6
10	40.9	-259.7	22.4	3.0	-7.7	29	5
20	16.4	-102.3	8.9	1.7	-6.0	58	9
30	32.0	-29.8	2.6	1.9	-3.7	58	62
40	-1.2	81.9	-5.8	-1.1	3.3	40	0
50	-36.0	141.1	-10.3	-2.6	6.6	44	11
60	-47.1	150.5	-12.0	-3.8	8.6	52	16
70	-41.9	134.2	-11.1	-3.0	6.0	41	13
80	-33.7	190.5	-14.7	-2.1	5.5	28	5
90	-36.6	267.5	-21.3	-2.3	8.6	32	4
100	-32.0	270.5	-21.7	-2.3	12.7	46	6
110	-58.3	261.3	-21.4	-4.4	13.6	50	11
120	-57.7	271.5	-20.2	-4.0	10.1	36	8
130	-43.7	174.5	-12.4	-2.3	-1.6	-9	-2
140	-23.2	244.8	-18.8	-1.8	-9.2	-37	-4
150	-62.1	443.9	-35.5	-4.4	-15.9	-35	-5
160	-81.4	498.6	-40.2	-5.4	-17.8	-35	-6
170	-55.1	425.1	-33.6	-3.4	-11.4	-26	-3
180	-24.7	310.7	-25.2	-1.1	-9.8	-31	-3
190	11.8	182.5	-15.8	1.4	-8.1	-44	3
200	30.2	95.0	-8.3	2.4	-5.7	-55	17
210	83.9	18.3	-1.8	6.3	-1.4	-1	4
220	100.2	-19.7	8.8	8.2	1.5	-3	-15
230	134.8	-178.5	13.7	11.3	9.5	-34	-26
240	204.3	-269.9	19.1	17.9	18.2	-43	-32
250	206.8	-291.5	20.2	17.8	19.6	-45	-32
260	200.8	-290.9	20.9	17.1	19.6	-45	-31
270	177.3	-274.7	20.8	15.4	14.3	-37	-24
280	144.9	-215.6	15.3	11.8	2.5	-8	-5
290	91.1	-247.0	18.9	6.9	-4.5	16	6
300	64.0	-327.4	26.6	4.5	-9.4	28	5
310	72.2	-400.4	33.7	5.1	-14.9	36	7
320	69.7	-418.7	35.7	5.6	-11.6	27	5
330	106.6	-500.5	42.4	8.5	-8.8	17	4
340	135.9	-596.1	50.8	10.1	-11.8	19	4
350	127.6	-568.9	50.5	9.7	-14.2	24	5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 0		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									100.4	-421.9	36.3	7.6	-11.1
1ST	9.33	8.1	-18.7	933	2534	8.6	-7.4	41	18	92.4	-403.3	32.5	6.7	-10.2
2ND	18.67	6.8	-19.9	933	2534	7.3	-7.9	40	14	85.6	-383.4	28.8	5.9	-9.4
3RD	28.00	5.6	-20.8	933	2308	6.0	-9.0	41	11	80.0	-362.6	25.3	5.1	-8.4
4TH	37.33	5.4	-21.4	933	2053	5.8	-10.4	42	11	74.5	-341.2	22.0	4.4	-7.5
5TH	46.67	5.7	-22.3	933	2053	6.1	-10.8	41	10	68.8	-319.0	19.0	3.7	-6.5
6TH	56.00	6.0	-23.1	933	2053	6.4	-11.3	39	10	62.8	-295.8	16.1	3.1	-5.5
7TH	65.33	6.3	-24.0	933	2053	6.7	-11.7	38	10	56.6	-271.8	13.4	2.5	-4.6
8TH	74.66	6.5	-24.9	933	2053	7.0	-12.1	37	10	50.0	-246.9	11.0	2.0	-3.6
9TH	84.00	6.5	-25.5	933	2053	7.0	-12.4	33	8	43.5	-221.4	8.8	1.6	-2.7
10TH	93.33	6.3	-26.0	933	2053	6.7	-12.6	29	7	37.2	-195.4	6.9	1.2	-1.9
11TH	102.66	6.0	-26.4	933	2053	6.5	-12.9	26	6	31.2	-169.0	5.2	.9	-1.2
12TH	112.00	5.8	-26.9	933	2053	6.2	-13.1	22	5	25.4	-142.1	3.7	.6	-.5
13TH	121.33	5.5	-27.4	933	2053	5.9	-13.4	19	4	19.9	-114.6	2.5	.4	.0
14TH	130.66	5.3	-27.9	933	2053	5.6	-13.6	16	3	14.6	-86.7	1.6	.3	.5
15TH	140.00	5.0	-27.2	933	2053	5.4	-13.2	11	2	9.6	-59.5	.9	.1	.8
TOP	171.00	9.6	-59.5	2184	5905	4.4	-10.1	-12	2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	3.9	-11.0	933	2534	4.2	-4.4	53	19	40.9	-259.7	22.4	3.0	-7.7
1ST	9.33	3.1	-11.8	933	2534	3.3	-4.7	52	13	36.9	-248.7	20.0	2.6	-7.1
2ND	18.67	2.2	-12.5	933	2308	2.4	-5.4	52	9	33.9	-236.9	17.7	2.3	-6.4
3RD	28.00	2.1	-13.0	933	2053	2.2	-6.3	52	8	31.7	-224.4	15.6	2.0	-5.8
4TH	37.33	2.2	-13.7	933	2053	2.4	-6.7	50	8	29.6	-211.4	13.5	1.7	-5.1
5TH	46.67	2.4	-14.3	933	2053	2.6	-7.0	48	8	27.3	-197.7	11.6	1.4	-4.4
6TH	56.00	2.5	-14.9	933	2053	2.7	-7.3	46	8	24.9	-183.4	9.8	1.2	-3.7
7TH	65.33	2.7	-15.6	933	2053	2.9	-7.6	44	8	22.4	-168.5	8.2	1.0	-3.0
8TH	74.66	2.7	-16.0	933	2053	2.9	-7.8	39	7	19.7	-152.9	6.7	.8	-2.3
9TH	84.00	2.6	-16.4	933	2053	2.8	-8.0	34	5	17.0	-136.9	5.4	.6	-1.6
10TH	93.33	2.5	-16.7	933	2053	2.7	-8.2	30	4	14.4	-120.5	4.2	.4	-1.1
11TH	102.66	2.4	-17.1	933	2053	2.5	-8.3	25	3	12.0	-103.8	3.1	.3	-.5
12TH	112.00	2.3	-17.5	933	2053	2.4	-8.5	21	3	9.6	-86.7	2.2	.2	-.1
13TH	121.33	2.2	-17.9	933	2053	2.3	-8.7	16	2	7.3	-69.2	1.5	.1	.3
14TH	130.66	2.0	-17.2	933	2053	2.2	-8.4	10	1	5.2	-51.3	.9	.1	.6
15TH	140.00	3.1	-34.2	2184	5905	1.4	-5.8	-21	-2	3.1	-34.2	.5	.0	.7
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 20		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	2.8	-4.9	933	2534	3.0	-1.9	88	51	16.4	-102.3	8.9	.7	-6.0
1ST	9.33	2.1	-5.0	933	2534	2.3	-2.0	96	41	13.6	-97.4	7.9	.5	-5.5
2ND	18.67	1.4	-5.1	933	2308	1.5	-2.2	100	28	11.4	-92.5	7.1	.4	-4.9
3RD	28.00	1.2	-5.2	933	2053	1.3	-2.5	99	24	10.0	-87.3	6.2	.3	-4.3
4TH	37.33	1.2	-5.3	933	2053	1.3	-2.6	97	23	8.8	-82.1	5.4	.2	-3.8
5TH	46.67	1.2	-5.3	933	2053	1.3	-2.6	95	22	7.5	-76.9	4.7	.2	-3.3
6TH	56.00	1.2	-5.3	933	2053	1.3	-2.6	93	21	6.3	-71.6	4.0	.1	-2.7
7TH	65.33	1.2	-5.4	933	2053	1.3	-2.6	91	20	5.1	-66.2	3.4	.0	-2.2
8TH	74.66	1.1	-5.7	933	2053	1.2	-2.8	78	16	3.9	-60.8	2.8	.0	-1.7
9TH	84.00	1.0	-6.0	933	2053	1.1	-2.9	66	11	2.8	-55.1	2.2	-.0	-1.2
10TH	93.33	1.0	-6.3	933	2053	1.0	-3.1	54	8	1.8	-49.1	1.7	-.1	-.8
11TH	102.66	.9	-6.7	933	2053	.9	-3.3	44	6	.8	-42.8	1.3	-.1	-.5
12TH	112.00	.8	-7.0	933	2053	.8	-3.4	34	4	-.1	-36.1	.9	-.1	-.2
13TH	121.33	.7	-7.3	933	2053	.7	-3.6	25	2	-.8	-29.1	.6	-.1	.1
14TH	130.66	.6	-7.2	933	2053	.7	-3.5	15	1	-1.5	-21.7	.4	-.1	.2
15TH	140.00	-2.2	-14.6	2184	5905	-1.0	-2.5	-24	4	-2.2	-14.6	.2	-.0	.4
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30 CONFIGURATION B TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									32.0	-29.8	2.6	1.9	-3.7
1ST	9.33	3.5	-1.8	933	2534	3.7	-.7	37	74	28.5	-28.1	2.3	1.6	-3.4
2ND	18.67	3.0	-1.7	933	2534	3.2	-.7	45	79	25.5	-26.3	2.0	1.4	-3.1
3RD	28.00	2.5	-1.8	933	2308	2.7	-.8	56	79	23.0	-24.5	1.8	1.2	-2.8
4TH	37.33	2.3	-1.8	933	2053	2.5	-.9	58	76	20.7	-22.8	1.6	1.0	-2.5
5TH	46.67	2.3	-1.7	933	2053	2.4	-.8	58	79	18.5	-21.1	1.4	.8	-2.2
6TH	56.00	2.2	-1.6	933	2053	2.4	-.8	58	81	16.3	-19.5	1.2	.6	-1.9
7TH	65.33	2.1	-1.5	933	2053	2.3	-.7	58	84	14.1	-18.0	1.0	.5	-1.7
8TH	74.66	2.1	-1.4	933	2053	2.2	-.7	58	87	12.0	-16.7	.9	.3	-1.4
9TH	84.00	2.0	-1.4	933	2053	2.2	-.7	57	82	10.0	-15.3	.7	.2	-1.2
10TH	93.33	1.9	-1.4	933	2053	2.1	-.7	54	74	8.1	-13.8	.6	.2	-.9
11TH	102.66	1.9	-1.5	933	2053	2.0	-.7	52	67	6.2	-12.4	.4	.1	-.7
12TH	112.00	1.8	-1.5	933	2053	1.9	-.7	49	59	4.4	-10.9	.3	.0	-.6
13TH	121.33	1.7	-1.5	933	2053	1.9	-.7	45	51	2.6	-9.4	.2	.0	-.4
14TH	130.66	1.7	-1.6	933	2053	1.8	-.8	41	44	1.0	-7.8	.2	-.0	-.3
15TH	140.00	1.6	-1.6	933	2053	1.7	-.8	35	35	-.6	-6.2	.1	-.0	-.2
TOP	171.00	-.6	-6.2	2184	5905	-.3	-1.1	26	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 40		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00													
		.6	6.6	933	2534	.6	2.6	31	-3	-.2	81.9	-5.8	-.1	3.3
1ST	9.33	.3	6.3	933	2534	.4	2.5	34	-2	-.8	75.3	-5.0	-.1	3.1
2ND	18.67	.1	5.9	933	2308	.1	2.6	40	-1	-1.1	69.0	-4.4	-.1	2.8
3RD	28.00	-.0	5.5	933	2053	-.0	2.7	45	0	-1.2	63.1	-3.7	-.0	2.6
4TH	37.33	-.0	5.4	933	2053	-.0	2.6	45	0	-1.2	57.5	-3.2	-.0	2.4
5TH	46.67	-.1	5.2	933	2053	-.1	2.5	45	1	-1.1	52.2	-2.7	-.0	2.1
6TH	56.00	-.1	5.0	933	2053	-.1	2.4	45	1	-1.1	47.0	-2.2	-.0	1.9
7TH	65.33	-.1	4.8	933	2053	-.1	2.3	45	1	-1.0	42.0	-1.8	-.0	1.7
8TH	74.66	-.1	4.8	933	2053	-.2	2.3	43	1	-.9	37.2	-1.4	.0	1.5
9TH	84.00	-.2	4.7	933	2053	-.2	2.3	42	2	-.7	32.5	-1.1	.0	1.2
10TH	93.33	-.2	4.7	933	2053	-.2	2.3	40	2	-.6	27.7	-.8	.0	1.0
11TH	102.66	-.2	4.7	933	2053	-.3	2.3	38	2	-.3	23.0	-.6	.0	.9
12TH	112.00	-.3	4.7	933	2053	-.3	2.3	36	2	-.1	18.3	-.4	.0	.7
13TH	121.33	-.3	4.7	933	2053	-.3	2.3	34	2	.2	13.6	-.2	.0	.5
14TH	130.66	-.3	4.4	933	2053	-.4	2.1	33	3	.5	8.9	-.1	.0	.3
15TH	140.00	.8	4.5	2184	5905	.4	.8	43	-8	.8	4.5	-.1	.0	.2
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 30														
TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE CONFIGURATION B REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-36.0	141.9	-10.3	-2.6	6.6
1ST	9.33	-1.6	10.8	933	2534	-1.7	4.3	32	5	-34.5	131.0	-9.0	-2.3	6.3
2ND	18.67	-1.9	10.5	933	2534	-2.1	4.2	34	6	-32.5	120.5	-7.8	-2.0	5.9
3RD	28.00	-2.3	9.9	933	2308	-2.4	4.3	39	9	-30.2	110.6	-6.7	-1.7	5.5
4TH	37.33	-2.4	9.4	933	2053	-2.6	4.6	44	11	-27.8	101.1	-5.8	-1.4	5.1
5TH	46.67	-2.5	9.2	933	2053	-2.7	4.5	45	12	-25.3	91.9	-4.9	-1.2	4.6
6TH	56.00	-2.5	9.0	933	2053	-2.7	4.4	45	13	-22.8	83.0	-4.0	-.9	4.2
7TH	65.33	-2.6	8.7	933	2053	-2.8	4.3	46	14	-20.2	74.2	-3.3	-.7	3.7
8TH	74.66	-2.7	8.5	933	2053	-2.8	4.1	47	15	-17.6	65.7	-2.6	-.6	3.3
9TH	84.00	-2.7	8.3	933	2053	-2.8	4.1	46	15	-14.9	57.4	-2.1	-.4	2.9
		-2.6	8.1	933	2053	-2.8	4.0	45	14	-12.3	49.3	-1.6	-.3	2.5
10TH	93.33	-2.5	8.0	933	2053	-2.7	3.9	45	14	-9.8	41.3	-1.2	-.2	2.1
11TH	102.66	-2.5	7.8	933	2053	-2.7	3.8	44	14	-7.3	33.5	-.8	-.1	1.7
12TH	112.00	-2.4	7.6	933	2053	-2.6	3.7	43	14	-4.9	25.9	-.5	-.0	1.3
13TH	121.33	-2.4	7.4	933	2053	-2.5	3.6	42	14	-2.5	18.5	-.3	-.0	1.0
14TH	130.66	-2.3	7.0	933	2053	-2.5	3.4	42	14	-.2	11.4	-.2	-.0	.7
15TH	140.00	-.2	11.4	2184	5905	-.1	1.9	59	1	0.0	0.0	0.0	0.0	0.0
TOP	171.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 60		CONFIGURATION B				TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-1.8	8.9	933	2534	-1.9	3.5	49	10	-47.1	150.5	-12.0	-3.8	8.6
1ST	9.33	-2.2	9.0	933	2534	-2.3	3.5	48	12	-45.3	141.6	-10.6	-3.4	8.1
2ND	18.67	-2.6	8.8	933	2308	-2.8	3.8	51	15	-43.1	132.6	-9.3	-3.0	7.7
3RD	28.00	-2.7	8.6	933	2053	-2.9	4.2	56	18	-40.6	123.8	-8.1	-2.6	7.2
4TH	37.33	-2.8	8.6	933	2053	-3.0	4.2	55	18	-37.8	115.3	-7.0	-2.2	6.7
5TH	46.67	-2.9	8.7	933	2053	-3.1	4.2	55	18	-35.0	106.6	-6.0	-1.9	6.1
6TH	56.00	-3.0	8.8	933	2053	-3.2	4.3	54	19	-32.1	97.9	-5.0	-1.6	5.6
7TH	65.33	-3.1	8.8	933	2053	-3.2	4.3	54	19	-29.1	89.1	-4.2	-1.3	5.1
8TH	74.66	-3.1	9.0	933	2053	-3.3	4.4	52	18	-26.1	80.3	-3.4	-1.0	4.5
9TH	84.00	-3.1	9.1	933	2053	-3.4	4.4	51	18	-22.9	71.3	-2.7	-.8	4.0
10TH	93.33	-3.2	9.3	933	2053	-3.4	4.5	50	17	-19.8	62.2	-2.0	-.6	3.5
11TH	102.66	-3.2	9.4	933	2053	-3.4	4.6	48	16	-16.6	52.9	-1.5	-.4	3.0
12TH	112.00	-3.2	9.5	933	2053	-3.4	4.6	47	16	-13.4	43.5	-1.0	-.3	2.5
13TH	121.33	-3.2	9.7	933	2053	-3.5	4.7	46	15	-10.2	34.0	-.7	-.2	2.0
14TH	130.66	-3.3	9.6	933	2053	-3.5	4.7	46	16	-7.0	24.3	-.4	-.1	1.5
15TH	140.00	-3.7	14.7	2184	5905	-1.7	2.5	63	16	-3.7	14.7	-.2	-.1	1.0
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 70		TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF										GUST FACTOR 1.32			
		CONFIGURATION B													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEM (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
POOL	0.00	-1.7	6.7	933	2534	-1.8	2.7	48	12	-41.9	134.2	-11.1	-3.0	6.0	
1ST	9.33	-2.2	6.9	933	2534	-2.4	2.7	45	14	-40.2	127.5	-9.9	-2.7	5.7	
2ND	18.67	-2.7	7.0	933	2308	-2.9	3.0	44	17	-38.0	120.6	-8.7	-2.3	5.3	
3RD	28.00	-2.9	7.1	933	2053	-3.1	3.5	45	18	-35.2	113.6	-7.6	-2.0	5.0	
4TH	37.33	-2.9	7.3	933	2053	-3.2	3.6	44	18	-32.4	106.5	-6.6	-1.6	4.6	
5TH	46.67	-3.0	7.5	933	2053	-3.2	3.6	44	17	-29.4	99.2	-5.6	-1.4	4.2	
6TH	56.00	-3.0	7.7	933	2053	-3.3	3.7	43	17	-26.4	91.7	-4.8	-1.1	3.8	
7TH	65.33	-3.1	7.9	933	2053	-3.3	3.8	43	17	-23.4	84.1	-3.9	-.9	3.5	
8TH	74.66	-3.1	8.2	933	2053	-3.3	4.0	41	15	-20.3	76.2	-3.2	-.7	3.1	
9TH	84.00	-3.0	8.5	933	2053	-3.2	4.1	39	14	-17.2	68.0	-2.5	-.5	2.7	
10TH	93.33	-2.9	8.8	933	2053	-3.1	4.3	37	12	-14.2	59.6	-1.9	-.3	2.3	
11TH	102.66	-2.8	9.1	933	2053	-3.0	4.4	35	11	-11.3	50.8	-1.4	-.2	2.0	
12TH	112.00	-2.8	9.4	933	2053	-3.0	4.6	33	10	-8.4	41.7	-1.0	-.1	1.6	
13TH	121.33	-2.7	9.7	933	2053	-2.9	4.7	32	9	-5.7	32.3	-.6	-.1	1.3	
14TH	130.66	-2.6	9.5	933	2053	-2.8	4.6	32	9	-3.0	22.6	-.4	-.0	.9	
15TH	140.00	-.4	13.2	2184	5905	-.2	2.2	47	1	-.4	13.2	-.2	-.0	.6	
TOP	171.00									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION		80		CONFIGURATION B		REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-2.3	11.4	933	2534	-2.4	4.5	23	5	-33.7	190.5	-14.7	-2.1	5.5
1ST	9.33	-2.4	11.5	933	2534	-2.6	4.5	23	5	-31.5	179.1	-13.0	-1.8	5.2
2ND	18.67	-2.6	11.4	933	2308	-2.8	5.0	25	6	-29.1	167.7	-11.4	-1.5	5.0
3RD	28.00	-2.6	11.4	933	2053	-2.8	5.6	27	6	-26.5	156.2	-9.9	-1.3	4.6
4TH	37.33	-2.6	11.6	933	2053	-2.7	5.6	27	6	-23.9	144.8	-8.5	-1.1	4.3
5TH	46.67	-2.5	11.7	933	2053	-2.7	5.7	27	6	-21.3	133.2	-7.2	-.8	4.0
6TH	56.00	-2.5	11.9	933	2053	-2.7	5.8	27	6	-18.8	121.5	-6.0	-.7	3.7
7TH	65.33	-2.5	12.0	933	2053	-2.7	5.9	27	6	-16.3	109.6	-4.9	-.5	3.3
8TH	74.66	-2.4	12.0	933	2053	-2.6	5.8	27	6	-13.8	97.6	-3.9	-.3	3.0
9TH	84.00	-2.4	11.9	933	2053	-2.5	5.8	27	5	-11.4	85.7	-3.1	-.2	2.6
10TH	93.33	-2.3	11.8	933	2053	-2.4	5.7	27	5	-9.0	73.8	-2.3	-.1	2.3
11TH	102.66	-2.2	11.7	933	2053	-2.4	5.7	28	5	-6.7	62.0	-1.7	-.1	2.0
12TH	112.00	-2.1	11.6	933	2053	-2.3	5.7	28	5	-4.5	50.3	-1.2	-.0	1.6
13TH	121.33	-2.1	11.5	933	2053	-2.2	5.6	28	5	-2.4	38.7	-.8	.0	1.3
14TH	130.66	-2.0	10.8	933	2053	-2.1	5.3	29	5	-.3	27.2	-.5	.0	1.0
15TH	140.00	1.7	16.4	2184	5905	.8	2.8	38	-4	1.7	16.4	-.3	.0	.6
TOP	171.00									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-36.6	267.2	-21.3	-2.3	8.6
1ST	9.33	-2.8	15.4	933	2534	-3.0	6.1	24	4	-33.8	251.8	-18.8	-2.0	8.3
2ND	18.67	-2.8	15.5	933	2534	-3.0	6.1	25	4	-31.0	236.3	-16.6	-1.7	7.9
3RD	28.00	-2.8	15.5	933	2308	-3.0	6.7	27	5	-28.2	220.7	-14.4	-1.4	7.4
4TH	37.33	-2.8	15.5	933	2053	-3.0	7.6	30	5	-25.5	205.2	-12.4	-1.2	6.9
5TH	46.67	-2.7	15.7	933	2053	-2.9	7.7	30	5	-22.8	189.5	-10.6	-1.0	6.4
6TH	56.00	-2.6	15.9	933	2053	-2.8	7.8	31	5	-20.1	173.6	-8.9	-.8	5.9
7TH	65.33	-2.6	16.1	933	2053	-2.7	7.9	31	5	-17.6	157.4	-7.4	-.6	5.4
8TH	74.66	-2.5	16.3	933	2053	-2.7	8.0	31	5	-15.1	141.1	-6.0	-.4	4.9
9TH	84.00	-2.4	16.3	933	2053	-2.6	7.9	32	5	-12.7	124.8	-4.7	-.3	4.4
10TH	93.33	-2.4	16.2	933	2053	-2.6	7.9	32	5	-10.3	108.5	-3.6	-.2	3.8
11TH	102.66	-2.4	16.2	933	2053	-2.5	7.9	32	5	-7.9	92.4	-2.7	-.1	3.3
12TH	112.00	-2.3	16.1	933	2053	-2.5	7.8	33	5	-5.6	76.3	-1.9	-.0	2.8
13TH	121.33	-2.3	16.0	933	2053	-2.5	7.8	33	5	-3.2	60.2	-1.3	.0	2.2
14TH	130.66	-2.3	16.0	933	2053	-2.4	7.8	33	5	-1.0	44.2	-.8	.0	1.7
15TH	140.00	-2.3	15.4	933	2053	-2.4	7.5	35	5	1.3	28.8	-.4	.0	1.1
TOP	171.00	1.3	28.8	2184	5905	.6	4.9	39	-2	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-32.8	270.5	-21.7	-2.3	12.7
1ST	9.33	-2.7	15.1	933	2534	-2.9	6.0	41	7	-30.1	255.4	-19.3	-2.0	12.0
2ND	18.67	-2.5	15.3	933	2534	-2.6	6.1	41	7	-27.7	240.0	-16.9	-1.7	11.4
3RD	28.00	-2.2	15.5	933	2308	-2.4	6.7	42	6	-25.4	224.5	-14.8	-1.5	10.7
4TH	37.33	-2.1	15.7	933	2053	-2.3	7.6	44	6	-23.3	208.8	-12.8	-1.2	10.0
5TH	46.67	-2.1	15.9	933	2053	-2.2	7.7	44	6	-21.2	193.0	-10.9	-1.0	9.3
6TH	56.00	-2.0	16.1	933	2053	-2.2	7.8	44	6	-19.2	176.9	-9.2	-.8	8.6
7TH	65.33	-1.9	16.3	933	2053	-2.1	7.9	45	5	-17.2	160.6	-7.6	-.7	7.8
8TH	74.66	-1.9	16.5	933	2053	-2.0	8.0	45	5	-15.4	144.1	-6.2	-.5	7.1
9TH	84.00	-1.9	16.5	933	2053	-2.0	8.0	46	5	-13.4	127.6	-4.9	-.4	6.3
10TH	93.33	-2.0	16.4	933	2053	-2.2	8.0	46	6	-11.4	111.2	-3.8	-.3	5.5
11TH	102.66	-2.1	16.3	933	2053	-2.3	8.0	47	6	-9.3	94.9	-2.8	-.2	4.8
12TH	112.00	-2.3	16.3	933	2053	-2.4	7.9	47	7	-7.0	78.6	-2.0	-.1	4.0
13TH	121.33	-2.4	16.2	933	2053	-2.5	7.9	48	7	-4.6	62.4	-1.3	-.0	3.2
14TH	130.66	-2.5	16.1	933	2053	-2.7	7.9	48	7	-2.1	46.3	-.8	-.0	2.4
15TH	140.00	-2.6	15.7	933	2053	-2.8	7.6	49	8	.5	30.6	-.5	.0	1.6
TOP	171.00	.5	30.6	2184	5905	.2	5.2	52	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32				
WIND DIRECTION 110				CONFIGURATION B						REFERENCE PRESSURE 22.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00													
		-4.0	14.1	933	2534	-4.3	5.6	42	12	-58.3	261.3	-21.4	-4.4	13.6
1ST	9.33													
		-3.9	14.3	933	2534	-4.2	5.7	43	12	-54.3	247.3	-19.0	-3.8	13.0
2ND	18.67													
		-3.9	14.4	933	2308	-4.1	6.2	45	12	-50.4	232.9	-16.8	-3.4	12.3
3RD	28.00													
		-3.8	14.4	933	2053	-4.0	7.0	48	13	-46.5	218.5	-14.7	-2.9	11.6
4TH	37.33													
		-3.6	14.7	933	2053	-3.9	7.1	49	12	-42.8	204.1	-12.7	-2.5	10.9
5TH	46.67													
		-3.5	14.9	933	2053	-3.7	7.3	50	12	-39.2	189.4	-10.9	-2.1	10.1
6TH	56.00													
		-3.4	15.1	933	2053	-3.6	7.4	50	11	-35.7	174.5	-9.2	-1.8	9.3
7TH	65.33													
		-3.2	15.4	933	2053	-3.5	7.5	51	11	-32.3	159.4	-7.6	-1.4	8.5
8TH	74.66													
		-3.2	15.6	933	2053	-3.5	7.6	51	11	-29.1	144.0	-6.2	-1.2	7.7
9TH	84.00													
		-3.4	15.9	933	2053	-3.6	7.7	50	11	-25.8	128.4	-4.9	-.9	6.9
10TH	93.33													
		-3.5	16.1	933	2053	-3.8	7.8	50	11	-22.4	112.6	-3.8	-.7	6.1
11TH	102.66													
		-3.6	16.4	933	2053	-3.9	8.0	49	11	-18.9	96.5	-2.8	-.5	5.2
12TH	112.00													
		-3.8	16.6	933	2053	-4.0	8.1	49	11	-15.3	80.1	-2.0	-.3	4.4
13TH	121.33													
		-3.9	16.9	933	2053	-4.2	8.2	48	11	-11.5	63.5	-1.3	-.2	3.5
14TH	130.66													
		-4.0	16.7	933	2053	-4.3	8.1	49	12	-7.6	46.7	-.8	-.1	2.7
15TH	140.00													
		-3.5	30.0	2184	5905	-1.6	5.1	59	7	-3.5	30.0	-.5	-.1	1.8
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 120													
TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF													
CONFIGURATION B													
GUST FACTOR 1.32													
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
POOL	0.00												
1ST	9.33	-4.7	18.1	933	2534	-5.0	7.1	31	8	-57.3	271.5	-20.2	-4.0
2ND	18.67	-4.4	18.1	933	2534	-4.7	7.1	30	7	-52.6	253.4	-17.7	-3.4
3RD	28.00	-4.0	17.8	933	2308	-4.3	7.7	33	7	-48.3	235.3	-15.4	-3.0
4TH	37.33	-3.9	17.4	933	2053	-4.2	8.5	36	8	-44.3	217.5	-13.3	-2.5
5TH	46.67	-3.8	17.3	933	2053	-4.1	8.4	35	8	-40.4	200.2	-11.4	-2.1
6TH	56.00	-3.7	17.2	933	2053	-4.0	8.4	35	8	-36.6	182.9	-9.6	-1.8
7TH	65.33	-3.7	17.2	933	2053	-3.9	8.4	35	7	-32.9	165.7	-8.0	-1.5
8TH	74.66	-3.6	17.1	933	2053	-3.8	8.3	34	7	-29.2	148.5	-6.5	-1.2
9TH	84.00	-3.5	16.8	933	2053	-3.8	8.2	34	7	-25.6	131.4	-5.2	-0.9
10TH	93.33	-3.5	16.5	933	2053	-3.7	8.0	34	7	-22.1	114.6	-4.0	-0.7
11TH	102.66	-3.4	16.2	933	2053	-3.7	7.9	34	7	-18.6	98.1	-3.1	-0.5
12TH	112.00	-3.4	15.9	933	2053	-3.6	7.7	34	7	-15.2	81.9	-2.2	-0.3
13TH	121.33	-3.4	15.6	933	2053	-3.6	7.6	34	7	-11.8	66.0	-1.5	-0.2
14TH	130.66	-3.3	15.3	933	2053	-3.6	7.4	34	7	-8.4	50.4	-1.0	-0.1
15TH	140.00	-3.3	14.4	933	2053	-3.5	7.0	36	8	-5.1	35.1	-0.6	-0.1
TOP	171.00	-1.8	20.7	2184	5905	-0.8	3.5	54	5	-1.8	20.7	-0.3	-0.0
										0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE										
WIND DIRECTION 130		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-5.4	14.7	933	2534	-5.8	5.8	-36	-13	-43.7	174.5	-12.4	-2.3	-1.6
1ST	9.33	-4.8	14.5	933	2534	-5.1	5.7	-36	-12	-38.2	159.8	-10.8	-1.9	-1.0
2ND	18.67	-4.2	12.8	933	2308	-4.5	5.6	-25	-8	-33.4	145.3	-9.4	-1.6	-.4
3RD	28.00	-3.8	10.9	933	2053	-4.1	5.3	-8	-3	-29.3	132.5	-8.1	-1.3	-.1
4TH	37.33	-3.5	10.8	933	2053	-3.8	5.3	-7	-2	-25.5	121.6	-6.9	-1.0	.0
5TH	46.67	-3.2	10.7	933	2053	-3.4	5.2	-7	-2	-22.0	110.8	-5.9	-.8	.1
6TH	56.00	-2.9	10.6	933	2053	-3.1	5.1	-6	-2	-18.8	100.1	-4.9	-.6	.2
7TH	65.33	-2.6	10.4	933	2053	-2.8	5.1	-6	-1	-15.8	89.5	-4.0	-.5	.3
8TH	74.66	-2.4	10.2	933	2053	-2.6	4.9	-4	-1	-13.2	79.1	-3.2	-.3	.3
9TH	84.00	-2.3	9.9	933	2053	-2.5	4.8	-3	-1	-10.7	68.9	-2.5	-.2	.4
10TH	93.33	-2.2	9.6	933	2053	-2.3	4.7	-1	-0	-8.4	59.1	-1.9	-.1	.4
11TH	102.66	-2.1	9.3	933	2053	-2.2	4.5	1	0	-6.2	49.5	-1.4	-.1	.4
12TH	112.00	-1.9	9.0	933	2053	-2.1	4.4	3	1	-4.2	40.2	-1.0	-.0	.4
13TH	121.33	-1.8	8.7	933	2053	-1.9	4.2	5	1	-2.2	31.3	-.7	.0	.4
14TH	130.66	-1.7	8.0	933	2053	-1.8	3.9	8	2	-.4	22.6	-.4	.0	.3
15TH	140.00	-1.2	14.6	2184	5905	.6	2.5	19	-2	1.2	14.6	-.2	.0	.3
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAVOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 140		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-5.2	17.2	933	2534	-5.6	6.8	-68	-21	-23.2	244.8	-18.8	-1.8	-9.2
1ST	9.33	-3.9	17.6	933	2534	-4.2	7.0	-69	-15	-17.9	227.6	-16.6	-1.6	-7.9
2ND	18.67	-2.6	15.5	933	2308	-2.8	6.7	-58	-10	-14.0	210.0	-14.5	-1.5	-6.6
3RD	28.00	-2.1	13.1	933	2053	-2.2	6.4	-40	-6	-11.4	194.5	-12.6	-1.4	-5.7
4TH	37.33	-1.8	13.5	933	2053	-2.0	6.6	-39	-5	-9.3	181.4	-10.9	-1.3	-5.2
5TH	46.67	-1.6	13.9	933	2053	-1.7	6.8	-38	-4	-7.5	167.8	-9.2	-1.2	-4.6
6TH	56.00	-1.3	14.3	933	2053	-1.4	7.0	-37	-3	-5.9	153.9	-7.7	-1.1	-4.1
7TH	65.33	-1.1	14.7	933	2053	-1.2	7.2	-36	-3	-4.6	139.6	-6.4	-1.1	-3.6
8TH	74.66	-.9	14.8	933	2053	-1.0	7.2	-34	-2	-3.5	124.8	-5.1	-1.1	-3.0
9TH	84.00	-.8	14.7	933	2053	-.9	7.2	-33	-2	-2.5	110.1	-4.0	-1.0	-2.5
10TH	93.33	-.7	14.7	933	2053	-.8	7.2	-31	-1	-1.7	95.3	-3.1	-1.0	-2.0
11TH	102.66	-.6	14.7	933	2053	-.6	7.2	-29	-1	-1.0	80.6	-2.3	-1.0	-1.6
12TH	112.00	-.5	14.7	933	2053	-.5	7.2	-28	-1	-.4	65.9	-1.6	-1.0	-1.1
13TH	121.33	-.4	14.7	933	2053	-.4	7.2	-26	-1	.1	51.2	-1.0	-1.0	-.7
14TH	130.66	-.3	13.9	933	2053	-.3	6.8	-23	-0	.4	36.5	-.6	-1.0	-.4
15TH	140.00	-.7	22.6	2184	5905	.3	3.8	-2	0	.7	22.6	-.4	-1.0	-.0
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TAVOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 150		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00													
		-1.8	28.9	933	2534	-1.9	11.4	-62	-4	-62.1	443.9	-35.5	-4.4	-15.9
1ST	9.33	-3.2	29.5	933	2534	-3.4	11.7	-63	-7	-60.3	415.1	-31.5	-3.9	-14.1
2ND	18.67	-4.6	26.4	933	2308	-5.0	11.4	-53	-9	-57.1	385.5	-27.7	-3.3	-12.3
3RD	28.00	-5.0	22.8	933	2053	-5.4	11.1	-37	-8	-52.5	359.2	-24.3	-2.8	-10.8
4TH	37.33	-5.0	23.5	933	2053	-5.4	11.5	-37	-8	-47.5	336.3	-21.0	-2.3	-9.9
5TH	46.67	-5.0	24.2	933	2053	-5.4	11.8	-37	-8	-42.5	312.8	-18.0	-1.9	-9.0
6TH	56.00	-5.0	24.9	933	2053	-5.4	12.1	-36	-7	-37.5	288.6	-15.2	-1.5	-8.1
7TH	65.33	-5.0	25.6	933	2053	-5.4	12.5	-36	-7	-32.5	263.7	-12.6	-1.2	-7.1
8TH	74.66	-4.8	26.0	933	2053	-5.1	12.6	-35	-6	-27.5	238.1	-10.3	-.9	-6.2
9TH	84.00	-4.3	26.3	933	2053	-4.7	12.8	-34	-6	-22.7	212.1	-8.2	-.7	-5.2
10TH	93.33	-3.9	26.6	933	2053	-4.2	13.0	-32	-5	-18.4	185.8	-6.3	-.5	-4.3
11TH	102.66	-3.5	26.9	933	2053	-3.7	13.1	-31	-4	-14.4	159.2	-4.7	-.4	-3.4
12TH	112.00	-3.1	27.2	933	2053	-3.3	13.3	-29	-3	-11.0	132.3	-3.3	-.2	-2.6
13TH	121.33	-2.6	27.6	933	2053	-2.8	13.4	-28	-3	-7.9	105.1	-2.2	-.1	-1.8
14TH	130.66	-2.2	26.8	933	2053	-2.4	13.0	-26	-2	-5.3	77.5	-1.4	-.1	-1.0
15TH	140.00	-3.0	50.7	2184	5905	-1.4	8.6	-6	-0	-3.0	50.7	-.8	-.0	-.3
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									-81.4	498.6	-40.2	-5.4	-17.8
1ST	9.33	-3.6	33.6	933	2534	-3.9	13.3	-68	-7	-77.8	465.0	-35.7	-4.6	-15.5
2ND	18.67	-5.2	33.9	933	2534	-5.6	13.4	-68	-10	-72.6	431.0	-31.5	-3.9	-13.2
3RD	28.00	-6.8	29.9	933	2308	-7.3	12.9	-58	-13	-65.7	401.2	-27.6	-3.3	-11.4
4TH	37.33	-7.2	25.4	933	2053	-7.7	12.4	-42	-12	-58.6	375.8	-24.0	-2.7	-10.2
5TH	46.67	-7.0	25.8	933	2053	-7.5	12.6	-41	-11	-51.6	350.0	-20.6	-2.2	-9.1
6TH	56.00	-6.8	26.2	933	2053	-7.3	12.8	-41	-10	-44.8	323.8	-17.5	-1.7	-7.9
7TH	65.33	-6.6	26.7	933	2053	-7.1	13.0	-40	-10	-38.3	297.1	-14.6	-1.3	-6.8
8TH	74.66	-6.4	27.1	933	2053	-6.9	13.2	-39	-9	-31.8	270.0	-11.9	-1.0	-5.7
9TH	84.00	-6.0	27.8	933	2053	-6.4	13.5	-36	-8	-25.9	242.2	-9.5	-.8	-4.6
10TH	93.33	-5.4	28.5	933	2053	-5.7	13.9	-33	-6	-20.5	213.7	-7.4	-.5	-3.7
11TH	102.66	-4.7	29.2	933	2053	-5.1	14.2	-30	-5	-15.8	184.4	-5.6	-.4	-2.7
12TH	112.00	-4.1	30.0	933	2053	-4.4	14.6	-27	-4	-11.6	154.5	-4.0	-.2	-1.9
13TH	121.33	-3.5	30.7	933	2053	-3.8	15.0	-24	-3	-8.1	123.7	-2.7	-.1	-1.2
14TH	130.66	-2.9	31.4	933	2053	-3.1	15.3	-21	-2	-5.2	92.3	-1.7	-.1	-.5
15TH	140.00	-2.3	31.0	933	2053	-2.4	15.1	-17	-1	-3.0	61.3	-1.0	-.0	.0
TOP	171.00	-3.0	61.3	2184	5905	-1.4	10.4	1	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-2.9	28.6	933	2534	-3.1	11.3	-55	-6	-55.2	425.1	-33.6	-3.4	-11.4
1ST	9.33	-4.0	28.7	933	2534	-4.3	11.3	-54	-8	-52.3	396.5	-29.8	-2.8	-9.8
2ND	18.67	-5.2	26.1	933	2308	-5.5	11.3	-45	-9	-48.3	367.7	-26.2	-2.4	-8.2
3RD	28.00	-5.3	23.2	933	2053	-5.7	11.3	-32	-7	-43.1	341.6	-22.9	-2.0	-7.0
4TH	37.33	-5.1	23.4	933	2053	-5.4	11.4	-31	-7	-37.8	318.4	-19.8	-1.6	-6.2
5TH	46.67	-4.8	23.6	933	2053	-5.2	11.5	-29	-6	-32.7	294.9	-17.0	-1.2	-5.4
6TH	56.00	-4.6	23.8	933	2053	-4.9	11.6	-28	-5	-27.9	271.3	-14.3	-1.0	-4.7
7TH	65.33	-4.4	24.0	933	2053	-4.7	11.7	-27	-5	-23.3	247.5	-11.9	-.7	-4.0
8TH	74.66	-4.0	24.2	933	2053	-4.3	11.8	-25	-4	-18.9	223.6	-9.7	-.5	-3.4
9TH	84.00	-3.5	24.5	933	2053	-3.8	11.9	-23	-3	-14.9	199.4	-7.7	-.4	-2.7
10TH	93.33	-3.1	24.8	933	2053	-3.3	12.1	-22	-3	-11.3	174.8	-6.0	-.2	-2.2
11TH	102.66	-2.6	25.1	933	2053	-2.8	12.2	-20	-2	-8.2	150.1	-4.5	-.2	-1.6
12TH	112.00	-2.1	25.3	933	2053	-2.3	12.3	-19	-2	-5.7	125.0	-3.2	-.1	-1.1
13TH	121.33	-1.6	25.6	933	2053	-1.8	12.5	-17	-1	-3.5	99.7	-2.1	-.0	-.6
14TH	130.66	-1.2	24.9	933	2053	-1.3	12.1	-14	-1	-1.9	74.1	-1.3	-.0	-.2
15TH	140.00	-.7	49.2	2184	5905	-.3	8.3	3	0	-.7	49.2	-.8	-.0	.2
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 180		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ. FT.)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	-1.3	19.2	933	2534	-1.4	7.6	-53	-4	-24.7	310.7	-25.2	-1.1	-9.8
1ST	9.33	-2.1	19.8	933	2534	-2.2	7.8	-55	-6	-23.4	291.5	-22.4	-.8	-8.8
2ND	18.67	-2.8	18.2	933	2308	-3.0	7.9	-47	-7	-21.3	271.7	-19.8	-.6	-7.7
3RD	28.00	-3.0	16.2	933	2053	-3.2	7.9	-35	-6	-18.5	253.5	-17.3	-.5	-6.8
4TH	37.33	-2.9	16.5	933	2053	-3.1	8.0	-35	-6	-15.6	237.3	-15.1	-.3	-6.2
5TH	46.67	-2.8	16.7	933	2053	-3.0	8.2	-34	-6	-12.7	220.8	-12.9	-.2	-5.6
6TH	56.00	-2.7	17.0	933	2053	-2.9	8.3	-34	-5	-9.9	204.1	-10.9	-.1	-5.1
7TH	65.33	-2.6	17.3	933	2053	-2.8	8.4	-34	-5	-7.2	187.1	-9.1	.0	-4.5
8TH	74.66	-2.3	17.7	933	2053	-2.5	8.6	-32	-4	-4.6	169.9	-7.4	.1	-3.9
9TH	84.00	-1.9	18.1	933	2053	-2.0	8.8	-31	-3	-2.3	152.2	-5.9	.1	-3.3
10TH	93.33	-1.4	18.6	933	2053	-1.6	9.1	-30	-2	-.4	134.0	-4.6	.1	-2.7
11TH	102.66	-1.0	19.0	933	2053	-1.1	9.3	-28	-1	1.0	115.4	-3.4	.1	-2.2
12TH	112.00	-.6	19.5	933	2053	-.6	9.5	-27	-1	2.0	96.4	-2.5	.1	-1.6
13TH	121.33	-.1	20.0	933	2053	-.1	9.7	-26	-0	2.6	76.9	-1.6	.1	-1.1
14TH	130.66	.3	19.6	933	2053	.3	9.5	-23	0	2.7	56.9	-1.0	.1	-.6
15TH	140.00	2.4	37.3	2184	5905	1.1	6.3	-4	0	2.4	37.3	-.6	.0	-.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									11.8	182.5	-15.8	1.4	-8.1
1ST	9.33	2.6	9.4	933	2534	2.8	3.7	-76	21	9.2	173.2	-14.2	1.3	-7.4
2ND	18.67	1.2	10.2	933	2534	1.3	4.0	-82	10	8.0	162.9	-12.6	1.2	-6.5
3RD	28.00	-.1	9.3	933	2308	-.1	4.0	-76	-1	8.2	153.7	-11.1	1.1	-5.8
4TH	37.33	-.5	7.9	933	2053	-.5	3.8	-59	-4	8.6	145.8	-9.7	1.0	-5.4
5TH	46.67	-.4	8.4	933	2053	-.5	4.1	-58	-3	9.1	137.4	-8.4	1.0	-4.9
6TH	56.00	-.4	8.9	933	2053	-.5	4.3	-57	-3	9.5	128.5	-7.2	.9	-4.4
7TH	65.33	-.4	9.4	933	2053	-.4	4.6	-56	-2	9.9	119.0	-6.0	.8	-3.8
8TH	74.66	-.4	10.0	933	2053	-.4	4.9	-55	-2	10.3	109.1	-4.9	.7	-3.3
9TH	84.00	-.2	10.5	933	2053	-.2	5.1	-51	-1	10.5	98.6	-4.0	.6	-2.7
10TH	93.33	.1	10.9	933	2053	.1	5.3	-46	0	10.4	87.7	-3.1	.5	-2.2
11TH	102.66	.4	11.4	933	2053	.4	5.6	-42	1	10.1	76.2	-2.3	.4	-1.7
12TH	112.00	.6	11.9	933	2053	.7	5.8	-38	2	9.4	64.3	-1.7	.3	-1.3
13TH	121.33	.9	12.4	933	2053	1.0	6.0	-35	3	8.5	51.9	-1.1	.2	-.9
14TH	130.66	1.2	12.9	933	2053	1.3	6.3	-31	3	7.3	39.0	-.7	.2	-.5
15TH	140.00	1.5	12.9	933	2053	1.6	6.3	-27	3	5.8	26.1	-.4	.1	-.1
TOP	171.00	5.8	26.1	2184	5905	2.6	4.4	-4	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE														
WIND DIRECTION 200			CONFIGURATION B			REFERENCE PRESSURE 22.0 PSF			GUST FACTOR 1.32					
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	2.8	4.5	933	2534	3.0	1.8	-82	51	30.2	95.0	-8.3	2.4	-5.7
1ST	9.33	2.2	5.1	933	2534	2.4	2.0	-93	41	27.4	90.5	-7.5	2.2	-5.2
2ND	18.67	1.7	4.6	933	2308	1.8	2.0	-90	34	25.1	85.4	-6.7	1.9	-4.6
3RD	28.00	1.5	3.9	933	2053	1.6	1.9	-75	30	23.4	80.8	-5.9	1.7	-4.2
4TH	37.33	1.5	4.2	933	2053	1.6	2.1	-75	26	21.9	76.9	-5.1	1.5	-3.8
5TH	46.67	1.4	4.6	933	2053	1.5	2.2	-74	23	20.4	72.7	-4.4	1.3	-3.5
6TH	56.00	1.4	4.9	933	2053	1.5	2.4	-73	20	19.0	68.1	-3.8	1.1	-3.1
7TH	65.33	1.3	5.3	933	2053	1.4	2.6	-72	18	17.6	63.2	-3.2	.9	-2.7
8TH	74.66	1.3	5.6	933	2053	1.4	2.7	-66	16	16.3	57.9	-2.6	.8	-2.3
9TH	84.00	1.5	5.8	933	2053	1.6	2.8	-59	15	15.0	52.3	-2.1	.6	-1.9
10TH	93.33	1.6	6.1	933	2053	1.7	3.0	-53	13	13.5	46.4	-1.6	.5	-1.6
11TH	102.66	1.7	6.3	933	2053	1.8	3.1	-47	12	11.9	40.3	-1.2	.4	-1.2
12TH	112.00	1.8	6.6	933	2053	1.9	3.2	-42	11	10.3	34.0	-.9	.3	-.9
13TH	121.33	1.9	6.9	933	2053	2.0	3.3	-37	10	8.5	27.4	-.6	.2	-.6
14TH	130.66	2.0	6.8	933	2053	2.1	3.3	-31	9	6.6	20.5	-.4	.1	-.3
15TH	140.00	4.6	13.7	2184	5905	2.1	2.3	-6	2	4.6	13.7	-.2	.1	-.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE						GUST FACTOR 1.32				
WIND DIRECTION 210				CONFIGURATION B						REFERENCE PRESSURE 22.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	5.6	.4	933	2534	6.0	.2	-2	31	83.9	18.3	-1.8	6.3	-4
1ST	9.33	5.5	.4	933	2534	5.9	.2	-2	25	78.3	17.9	-1.6	5.6	-2
2ND	18.67	5.4	.4	933	2308	5.8	.2	-1	19	72.8	17.5	-1.5	4.9	-1
3RD	28.00	5.3	.5	933	2053	5.7	.2	-1	15	67.4	17.1	-1.3	4.2	0
4TH	37.33	5.2	.7	933	2053	5.6	.3	-2	13	62.1	16.6	-1.2	3.6	1
5TH	46.67	5.2	.9	933	2053	5.5	.4	-2	11	56.9	15.9	-1.0	3.0	2
6TH	56.00	5.1	1.1	933	2053	5.5	.5	-2	8	51.7	15.0	-.9	2.5	2
7TH	65.33	5.0	1.2	933	2053	5.4	.6	-1	6	46.6	14.0	-.7	2.1	3
8TH	74.66	5.0	1.3	933	2053	5.4	.6	-1	3	41.5	12.7	-.6	1.7	3
9TH	84.00	5.0	1.3	933	2053	5.4	.6	-0	0	36.5	11.5	-.5	1.3	3
10TH	93.33	5.0	1.3	933	2053	5.4	.6	1	-2	31.5	10.2	-.4	1.0	3
11TH	102.66	5.0	1.3	933	2053	5.4	.6	1	-5	26.5	8.9	-.3	.7	3
12TH	112.00	5.0	1.3	933	2053	5.4	.6	2	-7	21.4	7.7	-.2	.5	3
13TH	121.33	5.1	1.3	933	2053	5.4	.6	3	-10	16.4	6.4	-.2	.3	3
14TH	130.66	5.1	1.2	933	2053	5.4	.6	3	-14	11.3	5.1	-.1	.2	2
15TH	140.00	6.3	3.9	2184	5905	2.9	.7	10	-15	6.3	3.9	-.1	.1	1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
WIND DIRECTION 220 CONFIGURATION B REFERENCE PRESSURE 22.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	4.1	-3.8	933	2534	4.4	-1.5	-23	-24	100.2	-19.7	.8	8.2	1.5
1ST	9.33	4.8	-3.4	933	2534	5.2	-1.3	-17	-25	96.1	-16.0	.6	7.3	1.4
2ND	18.67	5.6	-2.6	933	2308	6.0	-1.1	-7	-16	91.3	-12.5	.5	6.4	1.2
3RD	28.00	5.9	-1.8	933	2053	6.3	-.9	-2	-5	85.6	-10.0	.4	5.6	1.1
4TH	37.33	5.9	-1.5	933	2053	6.3	-.8	-1	-6	79.8	-8.2	.3	4.8	1.0
5TH	46.67	6.0	-1.3	933	2053	6.4	-.6	-1	-6	73.9	-6.6	.2	4.1	1.0
6TH	56.00	6.0	-1.1	933	2053	6.4	-.5	-1	-7	67.9	-5.3	.1	3.4	1.0
7TH	65.33	6.0	-.9	933	2053	6.5	-.4	-1	-8	61.9	-4.2	.1	2.8	.9
8TH	74.66	6.2	-.8	933	2053	6.6	-.4	-1	-9	55.9	-3.3	.1	2.3	.9
9TH	84.00	6.4	-.7	933	2053	6.8	-.3	-1	-10	49.7	-2.6	.0	1.8	.8
10TH	93.33	6.6	-.6	933	2053	7.0	-.3	-1	-11	43.4	-1.9	.0	1.4	.7
11TH	102.66	6.8	-.6	933	2053	7.2	-.3	-1	-13	36.8	-1.2	.0	1.0	.7
12TH	112.00	6.9	-.5	933	2053	7.4	-.2	-1	-14	30.1	-.7	-.0	.7	.6
13TH	121.33	7.1	-.4	933	2053	7.7	-.2	-1	-15	23.1	-.2	-.0	.4	.5
14TH	130.66	7.3	-.3	933	2053	7.9	-.2	-1	-17	16.0	.2	-.0	.2	.4
15TH	140.00	8.6	.5	2184	5905	4.0	.1	2	-30	8.6	.5	-.0	.1	.3
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	5.4	-13.1	933	2534	5.8	-5.2	-52	-22	134.8	-178.5	13.7	11.3	9.5
1ST	9.33	6.3	-13.4	933	2534	6.7	-5.3	-53	-25	129.4	-165.4	12.1	10.0	8.7
2ND	18.67	7.1	-11.8	933	2308	7.6	-5.1	-41	-25	123.1	-152.0	10.7	8.9	7.9
3RD	28.00	7.5	-9.7	933	2053	8.0	-4.7	-26	-20	116.0	-140.2	9.3	7.7	7.2
4TH	37.33	7.6	-9.9	933	2053	8.2	-4.8	-28	-22	108.5	-130.5	8.0	6.7	6.8
5TH	46.67	7.8	-10.0	933	2053	8.4	-4.9	-30	-23	100.9	-120.6	6.9	5.7	6.4
6TH	56.00	8.0	-10.2	933	2053	8.6	-5.0	-32	-25	93.1	-110.6	5.8	4.8	5.9
7TH	65.33	8.2	-10.4	933	2053	8.7	-5.0	-34	-27	85.1	-100.4	4.8	4.0	5.4
8TH	74.66	8.4	-10.3	933	2053	8.9	-5.0	-33	-27	76.9	-90.0	3.9	3.2	4.8
9TH	84.00	8.6	-10.1	933	2053	9.2	-4.9	-32	-27	68.6	-79.7	3.1	2.6	4.2
10TH	93.33	8.8	-10.0	933	2053	9.4	-4.9	-30	-27	60.0	-69.6	2.4	2.0	3.7
11TH	102.66	9.0	-9.9	933	2053	9.7	-4.8	-29	-27	51.2	-59.6	1.8	1.4	3.1
12TH	112.00	9.3	-9.7	933	2053	9.9	-4.7	-28	-26	42.2	-49.8	1.3	1.0	2.6
13TH	121.33	9.5	-9.6	933	2053	10.2	-4.7	-26	-26	32.9	-40.0	.9	.6	2.1
14TH	130.66	9.7	-9.6	933	2053	10.4	-4.7	-25	-26	23.4	-30.4	.6	.4	1.6
15TH	140.00	13.7	-20.9	2184	5905	6.3	-3.5	-37	-24	13.7	-20.9	.3	.2	1.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 240				CONFIGURATION B				TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									204.3	-269.9	19.1	17.9	18.2
1ST	9.33	4.0	-23.3	933	2534	4.2	-9.2	-65	-11	200.3	-246.6	16.7	16.0	16.6
2ND	18.67	7.2	-23.5	933	2534	7.7	-9.3	-65	-20	193.1	-223.2	14.5	14.1	15.0
3RD	28.00	10.4	-20.3	933	2308	11.1	-8.8	-52	-27	182.8	-202.9	12.5	12.4	13.6
4TH	37.33	11.4	-16.3	933	2053	12.2	-8.0	-35	-25	171.4	-186.6	10.7	10.7	12.8
5TH	46.67	11.7	-16.2	933	2053	12.5	-7.9	-37	-27	159.7	-170.3	9.0	9.2	11.8
6TH	56.00	11.9	-16.2	933	2053	12.8	-7.9	-39	-29	147.8	-154.2	7.5	7.7	10.9
7TH	65.33	12.2	-16.1	933	2053	13.1	-7.8	-41	-31	135.6	-138.1	6.2	6.4	9.8
8TH	74.66	12.5	-16.0	933	2053	13.3	-7.8	-42	-33	123.1	-122.1	5.0	5.2	8.7
9TH	84.00	12.9	-15.6	933	2053	13.8	-7.6	-41	-34	110.2	-106.6	3.9	4.1	7.7
10TH	93.33	13.4	-15.1	933	2053	14.4	-7.4	-38	-34	96.8	-91.4	3.0	3.2	6.6
11TH	102.66	13.9	-14.7	933	2053	14.9	-7.2	-36	-34	82.9	-76.8	2.2	2.3	5.6
12TH	112.00	14.5	-14.2	933	2053	15.5	-6.9	-34	-34	68.5	-62.5	1.5	1.6	4.7
13TH	121.33	15.0	-13.8	933	2053	16.1	-6.7	-31	-34	53.5	-48.7	1.0	1.0	3.7
14TH	130.66	15.5	-13.4	933	2053	16.6	-6.5	-29	-34	37.9	-35.3	.6	.6	2.8
15TH	140.00	16.1	-13.0	933	2053	17.2	-6.3	-27	-34	21.9	-22.4	.3	.3	1.9
TOP	171.00	21.9	-22.4	2184	5905	10.0	-3.8	-44	-43	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									206.8	-291.5	20.2	17.8	19.6
1ST	9.33	3.2	-24.8	933	2534	3.4	-9.8	-63	-8	203.6	-266.7	17.6	15.9	18.1
2ND	18.67	7.1	-25.4	933	2534	7.6	-10.0	-64	-18	196.6	-241.3	15.3	14.0	16.3
3RD	28.00	10.9	-22.2	933	2308	11.7	-9.6	-52	-25	185.6	-219.0	13.1	12.2	14.9
4TH	37.33	12.2	-18.1	933	2053	13.1	-8.8	-35	-24	173.4	-200.9	11.2	10.6	13.9
5TH	46.67	12.5	-18.1	933	2053	13.4	-8.8	-37	-26	160.9	-182.9	9.4	9.0	12.9
6TH	56.00	12.8	-18.0	933	2053	13.7	-8.8	-39	-28	148.1	-164.9	7.7	7.6	11.9
7TH	65.33	13.1	-18.0	933	2053	14.0	-8.8	-41	-30	135.0	-146.9	6.3	6.2	10.8
8TH	74.66	13.4	-17.9	933	2053	14.4	-8.7	-42	-32	121.6	-129.0	5.0	5.0	9.6
9TH	84.00	13.7	-17.4	933	2053	14.7	-8.5	-41	-33	108.0	-111.6	3.9	4.0	8.4
10TH	93.33	13.9	-16.8	933	2053	14.9	-8.2	-40	-33	94.0	-94.7	2.9	3.0	7.3
11TH	102.66	14.2	-16.2	933	2053	15.2	-7.9	-39	-34	79.9	-78.5	2.1	2.2	6.2
12TH	112.00	14.4	-15.6	933	2053	15.4	-7.6	-38	-35	65.5	-62.9	1.4	1.5	5.1
13TH	121.33	14.7	-15.0	933	2053	15.7	-7.3	-36	-36	50.8	-47.9	.9	1.0	4.0
14TH	130.66	14.9	-14.4	933	2053	16.0	-7.0	-35	-36	35.9	-33.4	.6	.6	2.9
15TH	140.00	15.1	-13.7	933	2053	16.2	-6.7	-33	-37	20.7	-19.7	.3	.3	1.9
TOP	171.00	20.7	-19.7	2184	5905	9.5	-3.3	-47	-49	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00													
		2.0	-23.4	933	2534	2.1	-9.2	-60	-5	200.8	-290.9	20.9	17.1	19.6
1ST	9.33	6.6	-24.1	933	2534	7.1	-9.5	-63	-17	198.9	-267.5	18.3	15.3	18.2
2ND	18.67	11.2	-21.4	933	2308	12.0	-9.3	-51	-26	192.2	-243.5	15.9	13.5	16.5
3RD	28.00	12.6	-17.6	933	2053	13.5	-8.6	-35	-25	181.0	-222.0	13.8	11.7	15.1
4TH	37.33	12.8	-17.6	933	2053	13.7	-8.6	-37	-27	168.4	-204.4	11.8	10.1	14.2
5TH	46.67	12.9	-17.5	933	2053	13.8	-8.5	-39	-28	155.7	-186.8	10.0	8.6	13.2
6TH	56.00	13.1	-17.5	933	2053	14.0	-8.5	-41	-30	142.8	-169.3	8.3	7.2	12.2
7TH	65.33	13.3	-17.4	933	2053	14.2	-8.5	-42	-32	129.7	-151.8	6.8	5.9	11.1
8TH	74.66	13.4	-17.0	933	2053	14.4	-8.3	-42	-33	116.4	-134.3	5.5	4.8	9.9
9TH	84.00	13.6	-16.6	933	2053	14.6	-8.1	-41	-34	103.0	-117.3	4.3	3.7	8.8
10TH	93.33	13.8	-16.1	933	2053	14.8	-7.9	-41	-35	89.4	-100.7	3.3	2.8	7.6
11TH	102.66	13.9	-15.7	933	2053	14.9	-7.6	-40	-36	75.6	-84.6	2.4	2.1	6.5
12TH	112.00	14.1	-15.2	933	2053	15.1	-7.4	-39	-36	61.7	-68.9	1.7	1.4	5.4
13TH	121.33	14.3	-14.8	933	2053	15.3	-7.2	-38	-37	47.6	-53.7	1.1	.9	4.2
14TH	130.66	14.5	-14.3	933	2053	15.5	-6.9	-37	-37	33.3	-39.0	.7	.5	3.2
15TH	140.00	18.8	-24.7	2184	5905	8.6	-4.2	-53	-41	18.8	-24.7	.4	.3	2.1
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

CONFIGURATION B

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									177.3	-274.7	20.8	15.4	14.3
1ST	9.33	-3	-20.6	933	2534	-3	-8.1	-60	1	177.6	-254.2	18.3	13.7	13.1
2ND	18.67	4.8	-21.2	933	2534	5.1	-8.4	-62	-14	172.8	-233.0	16.0	12.1	11.7
3RD	28.00	9.8	-18.9	933	2308	10.5	-8.2	-48	-25	163.0	-214.1	13.9	10.5	10.6
4TH	37.33	11.3	-15.7	933	2053	12.1	-7.7	-31	-23	151.7	-198.4	12.0	9.0	9.8
5TH	46.67	11.5	-15.8	933	2053	12.4	-7.7	-32	-23	140.2	-182.6	10.2	7.7	9.0
6TH	56.00	11.7	-15.8	933	2053	12.6	-7.7	-32	-24	128.4	-166.8	8.6	6.4	8.3
7TH	65.33	12.0	-15.9	933	2053	12.8	-7.7	-33	-25	116.5	-150.9	7.1	5.3	7.4
8TH	74.66	12.2	-15.9	933	2053	13.0	-7.7	-33	-26	104.3	-135.0	5.8	4.2	6.6
9TH	84.00	12.3	-15.7	933	2053	13.2	-7.7	-33	-25	92.0	-119.3	4.6	3.3	5.8
10TH	93.33	12.3	-15.5	933	2053	13.2	-7.5	-32	-25	79.7	-103.8	3.5	2.5	5.0
11TH	102.66	12.4	-15.3	933	2053	13.3	-7.4	-31	-25	67.3	-88.5	2.7	1.8	4.2
12TH	112.00	12.5	-15.1	933	2053	13.4	-7.3	-30	-25	54.8	-73.5	1.9	1.3	3.4
13TH	121.33	12.5	-14.9	933	2053	13.4	-7.2	-29	-25	42.3	-58.6	1.3	.8	2.7
14TH	130.66	12.6	-14.7	933	2053	13.5	-7.1	-28	-24	29.7	-43.9	.8	.5	1.9
15TH	140.00	12.6	-14.4	933	2053	13.5	-7.0	-28	-24	17.1	-29.5	.5	.3	1.2
TOP	171.00	17.1	-29.5	2184	5905	7.8	-5.0	-31	-18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE								GUST FACTOR 1.32		
WIND DIRECTION 280		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF								
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									144.9	-215.6	15.3	11.8	2.5
1ST	9.33	1.0	-16.8	933	2534	1.0	-6.6	-29	-2	143.9	-198.8	13.4	10.5	2.0
2ND	18.67	4.9	-17.0	933	2534	5.2	-6.7	-29	-8	139.0	-181.9	11.6	9.2	1.5
3RD	28.00	8.7	-15.5	933	2308	9.3	-6.7	-18	-10	130.4	-166.4	10.0	7.9	1.1
4TH	37.33	9.9	-13.7	933	2053	10.6	-6.7	-6	-4	120.5	-152.7	8.5	6.7	1.0
5TH	46.67	10.1	-13.8	933	2053	10.8	-6.7	-6	-4	110.4	-138.9	7.1	5.7	.9
6TH	56.00	10.3	-13.9	933	2053	11.1	-6.7	-6	-4	100.1	-125.1	5.9	4.7	.7
7TH	65.33	10.5	-13.9	933	2053	11.3	-6.8	-6	-5	89.5	-111.1	4.8	3.8	.6
8TH	74.66	10.7	-14.0	933	2053	11.5	-6.8	-6	-5	78.8	-97.1	3.8	3.0	.5
9TH	84.00	10.7	-13.4	933	2053	11.4	-6.5	-5	-4	68.1	-83.7	3.0	2.3	.4
10TH	93.33	10.3	-12.8	933	2053	11.1	-6.2	-4	-3	57.8	-70.9	2.3	1.7	.3
11TH	102.66	10.0	-12.1	933	2053	10.7	-5.9	-3	-2	47.7	-58.8	1.6	1.2	.2
12TH	112.00	9.7	-11.5	933	2053	10.4	-5.6	-2	-1	38.0	-47.4	1.2	.8	.2
13TH	121.33	9.4	-10.8	933	2053	10.0	-5.3	-1	-0	28.7	-36.6	.8	.5	.2
14TH	130.66	9.0	-10.1	933	2053	9.7	-4.9	1	1	19.7	-26.4	.5	.3	.2
15TH	140.00	8.7	-9.3	933	2053	9.3	-4.5	1	1	10.9	-17.1	.3	.2	.2
TOP	171.00	10.9	-17.1	2184	5905	5.0	-2.9	-8	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	3.2	-16.7	933	2534	3.4	-6.6	-4	-1	91.1	-247.0	18.9	6.9	-4.5
1ST	9.33	4.7	-16.8	933	2534	5.1	-6.6	-3	-1	87.9	-230.2	16.7	6.1	-4.6
2ND	18.67	6.3	-15.8	933	2308	6.7	-6.9	4	2	83.2	-213.4	14.6	5.3	-4.6
3RD	28.00	6.7	-14.8	933	2053	7.1	-7.2	13	6	76.9	-197.6	12.7	4.5	-4.5
4TH	37.33	6.6	-14.8	933	2053	7.1	-7.2	14	6	70.2	-182.8	10.9	3.8	-4.3
5TH	46.67	6.5	-14.8	933	2053	7.0	-7.2	15	7	63.6	-168.0	9.3	3.2	-4.1
6TH	56.00	6.4	-14.9	933	2053	6.9	-7.2	16	7	57.1	-153.2	7.8	2.7	-3.8
7TH	65.33	6.4	-14.9	933	2053	6.8	-7.2	17	7	50.7	-138.3	6.4	2.2	-3.5
8TH	74.66	6.2	-14.7	933	2053	6.6	-7.2	19	8	44.3	-123.4	5.2	1.7	-3.2
9TH	84.00	5.9	-14.5	933	2053	6.3	-7.1	21	8	38.1	-108.7	4.1	1.3	-2.9
10TH	93.33	5.6	-14.3	933	2053	6.0	-7.0	23	9	32.2	-94.3	3.2	1.0	-2.5
11TH	102.66	5.3	-14.1	933	2053	5.7	-6.9	25	9	26.6	-80.0	2.3	.7	-2.1
12TH	112.00	5.1	-13.9	933	2053	5.4	-6.7	27	10	21.3	-65.9	1.7	.5	-1.7
13TH	121.33	4.8	-13.6	933	2053	5.1	-6.6	29	10	16.2	-52.1	1.1	.3	-1.3
14TH	130.66	4.5	-13.0	933	2053	4.8	-6.3	30	10	11.4	-38.4	.7	.2	-.9
15TH	140.00	7.0	-25.4	2184	5905	3.2	-4.3	16	4	7.0	-25.4	.4	.1	-.4
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE													
WIND DIRECTION 300		CONFIGURATION B				REFERENCE PRESSURE 22.0 PSF				GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)	
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
POOL	0.00									64.0	-327.4	26.6	4.5
1ST	9.33	7.0	-17.8	933	2534	7.4	-7.0	16	6	57.0	-309.6	23.7	3.9
2ND	18.67	5.5	-18.4	933	2534	5.9	-7.3	17	5	51.6	-291.2	20.9	3.4
3RD	28.00	4.0	-18.3	933	2308	4.3	-7.9	25	5	47.5	-272.9	18.2	3.0
4TH	37.33	3.6	-17.9	933	2053	3.9	-8.7	33	7	43.9	-255.0	15.8	2.5
5TH	46.67	3.7	-18.4	933	2053	3.9	-9.0	33	6	40.2	-236.6	13.5	2.1
6TH	56.00	3.7	-18.9	933	2053	4.0	-9.2	33	6	36.5	-217.6	11.4	1.8
7TH	65.33	3.8	-19.4	933	2053	4.0	-9.5	33	6	32.8	-198.2	9.4	1.5
8TH	74.66	3.8	-19.9	933	2053	4.1	-9.7	33	6	29.0	-178.2	7.7	1.2
9TH	84.00	3.7	-20.0	933	2053	4.0	-9.8	33	6	25.2	-158.2	6.1	.9
10TH	93.33	3.6	-20.0	933	2053	3.9	-9.8	33	6	21.6	-138.2	4.7	.7
11TH	102.66	3.5	-20.1	933	2053	3.8	-9.8	33	6	18.1	-118.1	3.5	.5
12TH	112.00	3.4	-20.1	933	2053	3.7	-9.8	33	6	14.7	-98.0	2.5	.4
13TH	121.33	3.3	-20.1	933	2053	3.5	-9.8	33	5	11.4	-77.9	1.7	.2
14TH	130.66	3.2	-20.1	933	2053	3.4	-9.8	33	5	8.2	-57.8	1.0	.1
15TH	140.00	3.1	-19.3	933	2053	3.3	-9.4	31	5	5.1	-38.5	.6	.1
TOP	171.00	5.1	-38.5	2184	5905	2.3	-6.5	11	1	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									72.2	-400.4	33.7	5.1	-14.9
1ST	9.33	6.0	-21.4	933	2534	6.4	-8.5	31	9	66.2	-379.0	30.0	4.5	-14.2
2ND	18.67	5.3	-21.8	933	2534	5.7	-8.6	33	8	60.9	-357.1	26.6	3.9	-13.4
3RD	28.00	4.6	-21.5	933	2308	5.0	-9.3	39	8	56.3	-335.6	23.4	3.3	-12.5
4TH	37.33	4.5	-21.2	933	2053	4.8	-10.3	45	10	51.8	-314.4	20.3	2.8	-11.5
5TH	46.67	4.6	-21.5	933	2053	4.9	-10.5	46	10	47.2	-293.0	17.5	2.4	-10.5
6TH	56.00	4.7	-21.8	933	2053	5.1	-10.6	46	10	42.4	-271.2	14.9	1.9	-9.5
7TH	65.33	4.8	-22.0	933	2053	5.2	-10.7	47	10	37.6	-249.2	12.4	1.6	-8.4
8TH	74.66	4.9	-22.3	933	2053	5.3	-10.9	47	10	32.7	-226.8	10.2	1.2	-7.3
9TH	84.00	4.8	-22.9	933	2053	5.2	-11.1	45	10	27.9	-204.0	8.2	1.0	-6.2
10TH	93.33	4.5	-23.4	933	2053	4.9	-11.4	43	8	23.3	-180.5	6.4	.7	-5.1
11TH	102.66	4.2	-24.0	933	2053	4.5	-11.7	41	7	19.1	-156.6	4.8	.5	-4.1
12TH	112.00	3.9	-24.5	933	2053	4.2	-11.9	39	6	15.2	-132.0	3.5	.4	-3.1
13TH	121.33	3.7	-25.1	933	2053	3.9	-12.2	38	5	11.5	-107.0	2.4	.2	-2.2
14TH	130.66	3.4	-25.6	933	2053	3.6	-12.5	36	5	8.1	-81.3	1.5	.1	-1.2
15TH	140.00	3.1	-25.4	933	2053	3.3	-12.4	32	4	5.1	-55.9	.9	.1	-.4
TOP	171.00	5.1	-55.9	2184	5905	2.3	-9.5	7	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

CONFIGURATION B

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									69.7	-418.6	35.7	5.6	-11.8
1ST	9.33	2.4	-20.9	933	2534	2.6	-8.2	29	3	67.2	-397.7	31.9	4.9	-11.2
2ND	18.67	3.2	-21.5	933	2534	3.4	-8.5	29	4	64.1	-376.2	28.3	4.3	-10.6
3RD	28.00	3.9	-21.6	933	2308	4.2	-9.3	32	6	60.2	-354.7	24.8	3.7	-9.9
4TH	37.33	4.3	-21.5	933	2053	4.6	-10.5	36	7	55.9	-333.1	21.6	3.2	-9.1
5TH	46.67	4.5	-22.1	933	2053	4.8	-10.7	36	7	51.4	-311.1	18.6	2.7	-8.2
6TH	56.00	4.7	-22.6	933	2053	5.1	-11.0	36	8	46.7	-288.5	15.8	2.2	-7.4
7TH	65.33	5.0	-23.1	933	2053	5.3	-11.2	36	8	41.7	-265.4	13.3	1.8	-6.5
8TH	74.66	5.2	-23.6	933	2053	5.6	-11.5	36	8	36.6	-241.8	10.9	1.4	-5.6
9TH	84.00	5.1	-24.2	933	2053	5.5	-11.8	35	7	31.4	-217.6	8.7	1.1	-4.7
10TH	93.33	4.8	-24.9	933	2053	5.2	-12.1	33	6	26.6	-192.7	6.8	.9	-3.9
11TH	102.66	4.5	-25.6	933	2053	4.9	-12.5	31	6	22.0	-167.1	5.1	.6	-3.0
12TH	112.00	4.2	-26.3	933	2053	4.6	-12.8	30	5	17.8	-140.8	3.7	.4	-2.2
13TH	121.33	3.9	-27.0	933	2053	4.2	-13.1	28	4	13.8	-113.8	2.5	.3	-1.4
14TH	130.66	3.6	-27.6	933	2053	3.9	-13.5	27	4	10.2	-86.2	1.6	.2	-.7
15TH	140.00	3.3	-27.3	933	2053	3.6	-13.3	24	3	6.8	-58.8	.9	.1	-.0
TOP	171.00	6.8	-58.8	2184	5905	3.1	-10.0	0	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

CONFIGURATION B

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00	6.8	-25.1	933	2534	7.3	-9.9	16	4	106.6	-500.5	42.4	8.5	-8.8
1ST	9.33	6.2	-26.0	933	2534	6.6	-10.3	15	4	99.8	-475.4	37.8	7.6	-8.3
2ND	18.67	5.6	-26.1	933	2308	6.0	-11.3	19	4	93.7	-449.4	33.5	6.7	-7.9
3RD	28.00	5.6	-26.0	933	2053	6.0	-12.6	24	5	88.1	-423.3	29.4	5.8	-7.4
4TH	37.33	5.9	-26.6	933	2053	6.4	-13.0	23	5	82.5	-397.4	25.6	5.0	-6.8
5TH	46.67	6.3	-27.3	933	2053	6.7	-13.3	23	5	76.5	-370.7	22.0	4.3	-6.1
6TH	56.00	6.6	-28.0	933	2053	7.1	-13.6	23	5	70.3	-343.4	18.7	3.6	-5.4
7TH	65.33	6.9	-28.6	933	2053	7.4	-13.9	22	5	63.7	-315.5	15.6	3.0	-4.8
8TH	74.66	6.9	-29.3	933	2053	7.4	-14.3	22	5	56.8	-286.8	12.8	2.4	-4.1
9TH	84.00	6.8	-30.0	933	2053	7.2	-14.6	21	5	49.8	-257.5	10.3	1.9	-3.4
10TH	93.33	6.6	-30.7	933	2053	7.0	-15.0	20	4	43.1	-227.5	8.0	1.5	-2.8
11TH	102.66	6.4	-31.4	933	2053	6.8	-15.3	20	4	36.5	-196.8	6.0	1.1	-2.1
12TH	112.00	6.2	-32.1	933	2053	6.6	-15.6	19	4	30.2	-165.4	4.3	.8	-1.5
13TH	121.33	6.0	-32.8	933	2053	6.4	-16.0	18	3	24.0	-133.3	2.9	.5	-1.8
14TH	130.66	5.8	-32.1	933	2053	6.2	-15.7	16	3	18.0	-100.4	1.8	.3	-1.2
15TH	140.00	12.2	-68.3	2184	5905	5.6	-11.6	-5	-1	12.2	-68.3	1.1	.2	.3
TOP	171.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									135.9	-596.1	50.8	10.1	-11.8
1ST	9.33	13.1	-29.1	933	2534	14.1	-11.5	20	9	122.8	-567.0	45.4	8.9	-11.1
2ND	18.67	10.4	-30.3	933	2534	11.1	-11.9	20	7	112.4	-536.7	40.2	7.8	-10.4
3RD	28.00	7.7	-30.8	933	2308	8.3	-13.3	23	6	104.6	-505.9	35.4	6.8	-9.7
4TH	37.33	7.2	-31.0	933	2053	7.7	-15.1	26	6	97.4	-475.0	30.8	5.8	-8.8
5TH	46.67	7.5	-31.7	933	2053	8.0	-15.5	26	6	90.0	-443.2	26.5	4.9	-7.9
6TH	56.00	7.8	-32.5	933	2053	8.3	-15.8	25	6	82.2	-410.8	22.5	4.1	-7.1
7TH	65.33	8.0	-33.2	933	2053	8.6	-16.2	25	6	74.2	-377.5	18.8	3.4	-6.2
8TH	74.66	8.3	-34.0	933	2053	8.9	-16.6	24	6	65.9	-343.5	15.5	2.7	-5.4
9TH	84.00	8.3	-34.8	933	2053	8.9	-16.9	23	6	57.6	-308.7	12.4	2.2	-4.5
10TH	93.33	8.0	-35.6	933	2053	8.6	-17.3	22	5	49.6	-273.1	9.7	1.7	-3.7
11TH	102.66	7.7	-36.4	933	2053	8.3	-17.7	21	5	41.9	-236.8	7.3	1.2	-2.9
12TH	112.00	7.4	-37.2	933	2053	7.9	-18.1	20	4	34.5	-199.6	5.3	.9	-2.1
13TH	121.33	7.1	-38.0	933	2053	7.6	-18.5	20	4	27.3	-161.6	3.6	.6	-1.3
14TH	130.66	6.8	-38.8	933	2053	7.3	-18.9	19	3	20.5	-122.8	2.3	.4	-.5
15TH	140.00	6.5	-38.2	933	2053	7.0	-18.6	17	3	14.0	-84.5	1.3	.2	.1
TOP	171.00	14.0	-84.5	2184	5905	6.4	-14.3	-1	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
POOL	0.00									127.6	-568.9	50.5	9.7	-14.2
1ST	9.33	12.4	-24.5	933	2534	13.3	-9.7	33	17	115.2	-544.4	45.3	8.5	-13.2
2ND	18.67	9.6	-25.8	933	2534	10.2	-10.2	34	12	105.6	-518.6	40.3	7.5	-12.2
3RD	28.00	6.8	-26.8	933	2308	7.3	-11.6	36	9	98.8	-491.8	35.6	6.5	-11.2
4TH	37.33	6.3	-27.4	933	2053	6.7	-13.3	36	8	92.6	-464.4	31.1	5.6	-10.1
5TH	46.67	6.6	-28.2	933	2053	7.1	-13.7	35	8	86.0	-436.2	26.9	4.8	-9.1
6TH	56.00	6.9	-29.1	933	2053	7.4	-14.2	33	8	79.0	-407.1	23.0	4.0	-8.0
7TH	65.33	7.3	-30.0	933	2053	7.8	-14.6	32	8	71.8	-377.1	19.3	3.3	-7.0
8TH	74.66	7.6	-30.8	933	2053	8.1	-15.0	31	8	64.2	-346.3	16.0	2.7	-6.0
9TH	84.00	7.7	-32.3	933	2053	8.2	-15.7	29	7	56.5	-314.0	12.9	2.1	-5.0
10TH	93.33	7.5	-33.9	933	2053	8.1	-16.5	26	6	49.0	-280.1	10.1	1.7	-4.1
11TH	102.66	7.4	-35.4	933	2053	7.9	-17.3	24	5	41.6	-244.7	7.7	1.2	-3.2
12TH	112.00	7.3	-37.0	933	2053	7.8	-18.0	23	4	34.4	-207.7	5.5	.9	-2.3
13TH	121.33	7.1	-38.5	933	2053	7.6	-18.8	21	4	27.2	-169.2	3.8	.6	-1.5
14TH	130.66	7.0	-40.1	933	2053	7.5	-19.5	19	3	20.2	-129.1	2.4	.4	-.7
15TH	140.00	6.9	-40.2	933	2053	7.4	-19.6	17	3	13.4	-88.9	1.4	.2	-.0
TOP	171.00	13.4	-88.9	2184	5905	6.1	-15.0	0	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. TABOR CENTER, DATA ON HOTEL, WITH TOWER B NOT IN PLACE
 PROJECT 5210 CONFIGURATION B
 SCALE = 400 REF. PRESSURE = 22.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 9.33
 NUMBER OF SIDES = 4 NO. OF FLOORS = 16

SIDE	ANGLE	Z-AXIS
1	0.0	1.500
2	90.0	3.300
3	180.0	1.500
4	270.0	4.845

FLOOR #	LABEL	HEIGHT-FT
1	POOL	9.33
2	1ST	9.33
3	2ND	9.33
4	3RD	9.33
5	4TH	9.33
6	5TH	9.33
7	6TH	9.33
8	7TH	9.33
9	8TH	9.33
10	9TH	9.33
11	10TH	9.33
12	11TH	9.33
13	12TH	9.33
14	13TH	9.33
15	14TH	9.33
16	15TH	31.00