WIND-TUNNEL STUDY OF UNITED NATIONS DEVELOPMENT PHASE II BUILDING, NEW YORK

by

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LIST OF SYMBOLS

Symbol	Definition
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, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{max}}$	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

Symbol	Definition
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 ($>2\times10^4$) 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

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

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

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

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 absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients 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 load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. 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. 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.

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

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. 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 did not show characteristics typical of exceptionally high pressures. The highest pressures should be found near corners of the building. The adjacent Phase I building appeared to accelerate winds impinging on the Phase II building from some wind directions which may result in increased local cladding loads. For other wind directions, the Phase I Tower appeared to provide some beneficial sheltering effects. Winds approaching over the East River appeared to be stronger at the building site than those approaching over the city. The decreased density of structures to the east was primarily responsible for this situation.

Wind velocities in pedestrian areas about the base of the Phase II building appeared to be generally moderate with winds from the east somewhat stronger than those from other directions.

5.2 Pedestrian Winds

Figure 4 shows the 13 pedestrian locations near the Phase I and Phase II buildings selected for study. Locations 1 and 2 were selected as reference positions which should be reasonably unaffected by presence of the Phase I and II buildings for most wind directions. Locations 9, 10 and 11 were located under overhangs while locations 7 and 8 were located on top of the low pedestal structure between the two towers. Table 2 and Figure 8 shows that the largest values of mean velocity, U_{mean}, were between 70 and 80 percent of U_{∞}, the mean velocity at the edge of the boundary layer, for 1 or 2 wind directions at each of locations 2, 4, 9, and 13. Reference location 1

had a maximum mean velocity of 48 percent of U_∞. For comparison, an open-country environment would experience a maximum mean of about 45 percent.

The largest fluctuating velocities, U_{rms}, were between 15 and 19 percent of U_∞ measured for 1 to 3 wind directions at about half of the locations: 1, 2, 3, 4, 5, and 9. An open-country environment would have a value of about 10-12 percent of U_∞. The largest values of peak gust represented by the mean plus three rms, as discussed in section 4.2, were between 111 and 121 percent of the U_∞ measured for two wind directions each at locations 9, 13 and reference location 2. Wind directions were generally easterly for these peak gusts. For comparison, an open country environment would have a peak gust of 80-90 percent of U_∞.

The data of Table 2 integrated with local wind data shown in Table 3 is shown in Figure 9 and compared to suggested comfort criteria. Based on the data of this figure, locations 2, 4, 9, and 13 will exceed the acceptability limit 1 to 2 percent of the time for mean wind speed and less than 0.2 percent for wind gusts. Locations 1, 2, 4, and 13 will exceed the comfort level for walking for mean winds 10 to 30 percent of the time and for peak gusts 2 to 10 percent of the time. Several locations showed low wind velocities: locations 5, 7, 8, 10, and 11.

The results of the pedestrian velocity analysis showed that the windiest locations near the Phase I and Phase II buildings will be about as windy as reference location 2. The least windy areas will be quite calm.

5.3 Pressures

Table 6 shows the largest pressure coefficients and corresponding loads measured on the Phase II and Phase I buildings. Only a limited number of pressure taps were measured on the Phase I building to determine if the presence of the Phase II building would cause high cladding loads on the Phase I building. In Table 6 and Appendix A, Configuration A represents the basic data on the Phase II and Phase I buildings. Taps beginning with the digit 1 were on the Phase II building while those beginning with the digit 2 were of limited number and were located on the Phase I building. Configuration B represents data obtained at selected taps on the two buildings at 2 degree intervals over a limited azimuthal range to insure that the largest peaks were measured.

The largest pressure coefficients measured on the two buildings were -3.5 and -3.0 measured at taps 2201 and 1334 for wind azimuths of 190 and 110 degrees respectively. These taps are on the Phase I (tap 2201) and Phase II (tap 1334) buildings. These taps correspond to peak cladding loads of 112 and 97 psf using the 50-year recurrence wind identified in Table 5. Contours of peak pressures are plotted on Figure 10 for the Phase II building. Figure 10 shows that most peak pressures were in the 30 to 60 psf range.

The shear and moment diagrams shown in Figure 11 were plotted for wind directions where the largest x and y base moments were calculated in Table 7.

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FIGURES

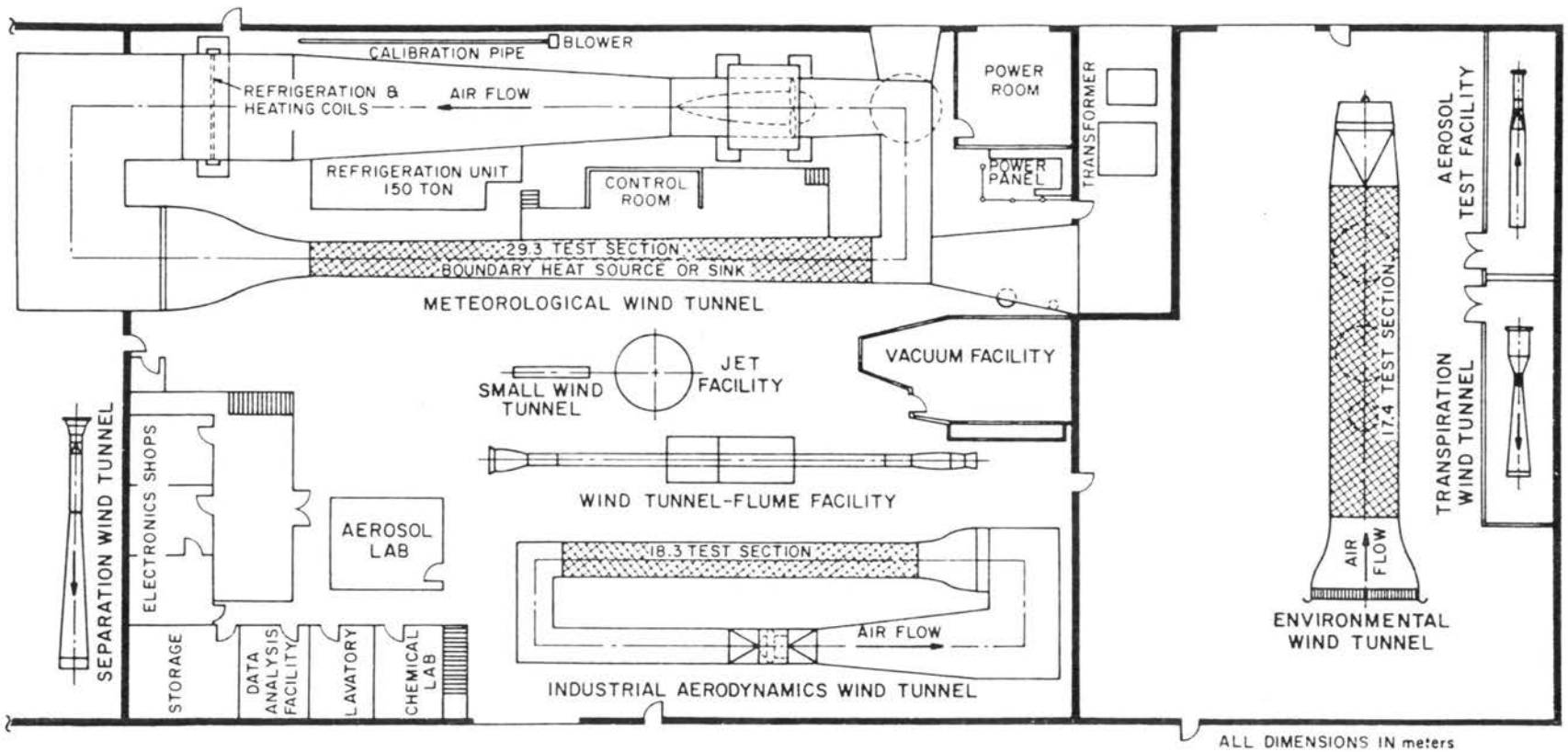
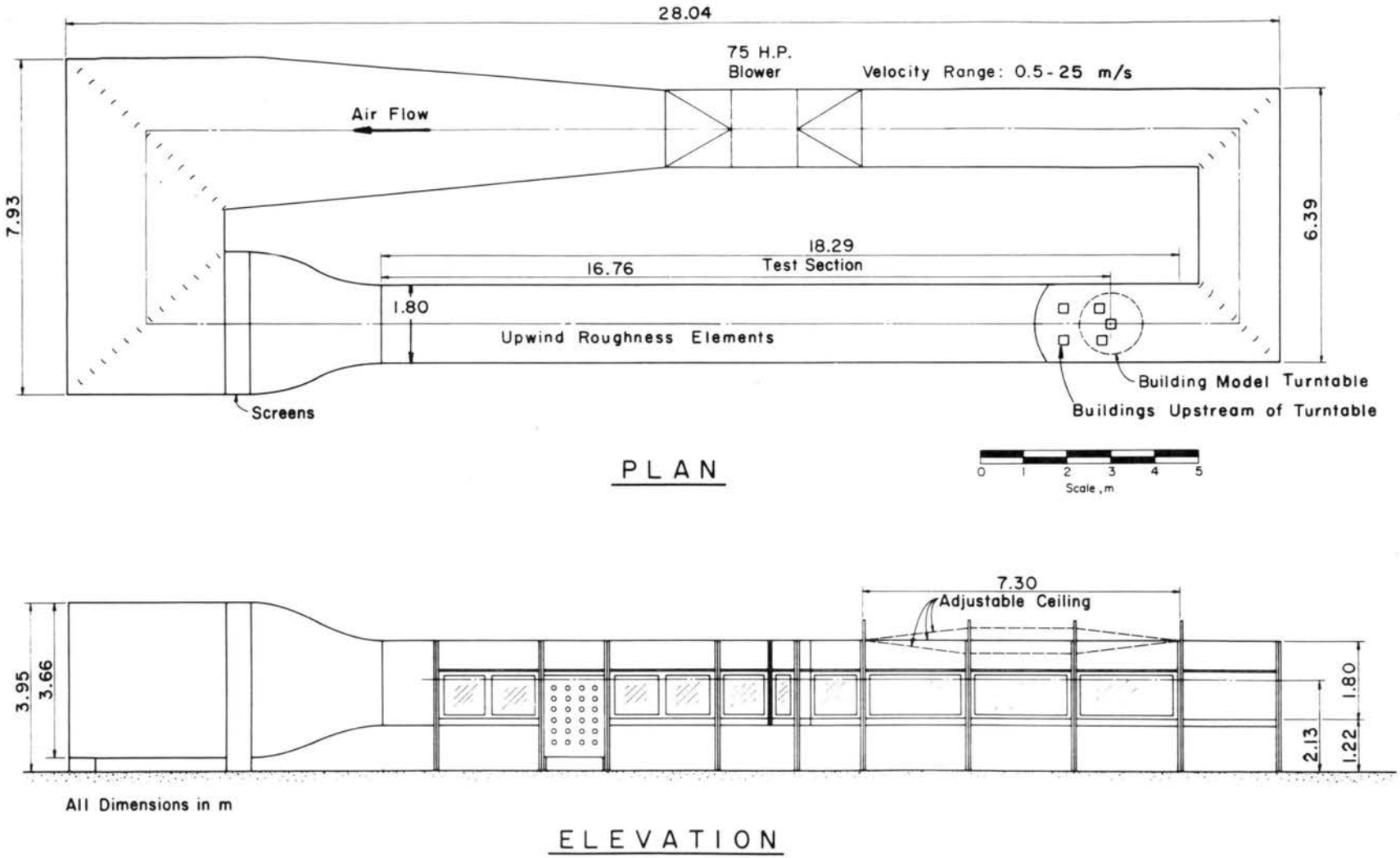


FIGURE 1 - FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2 - Wind Tunnel Configuration

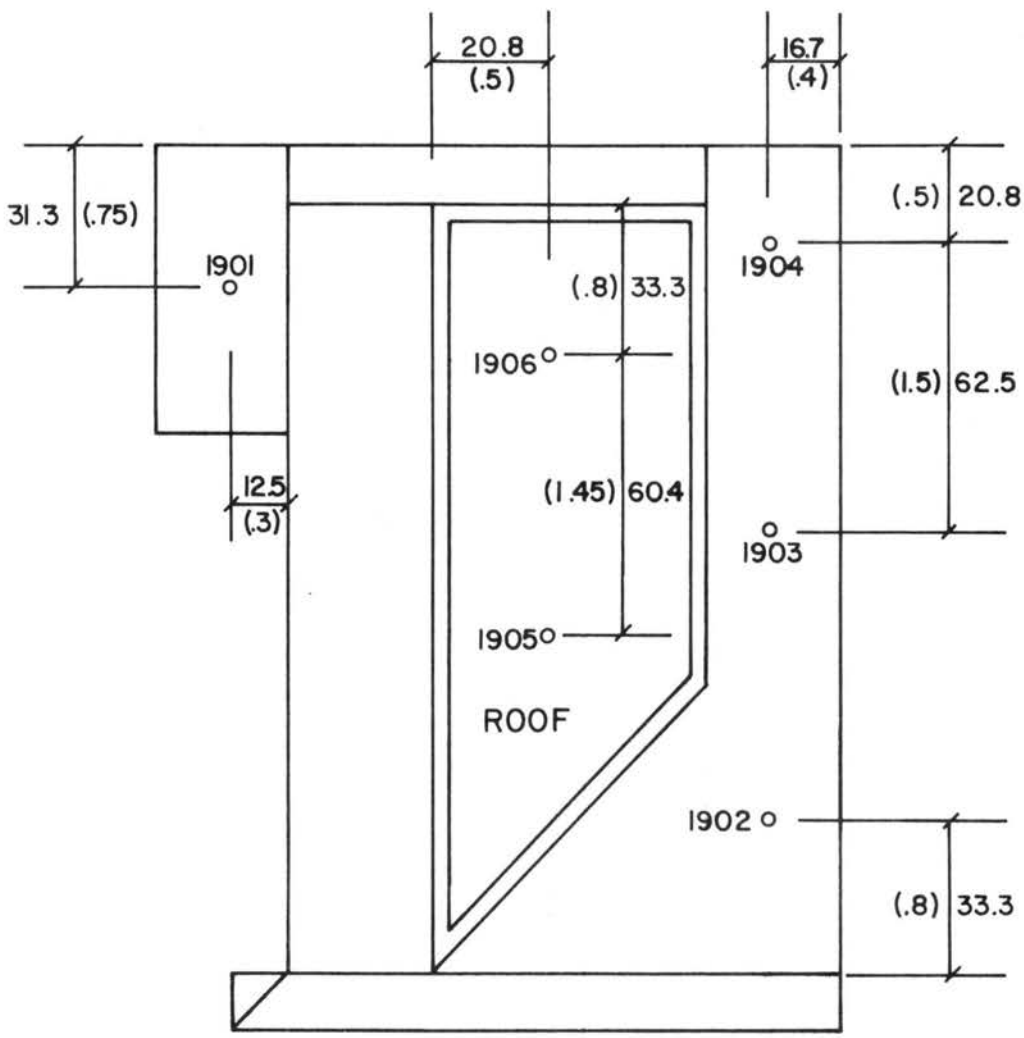


Figure 3a. Pressure Tap Locations

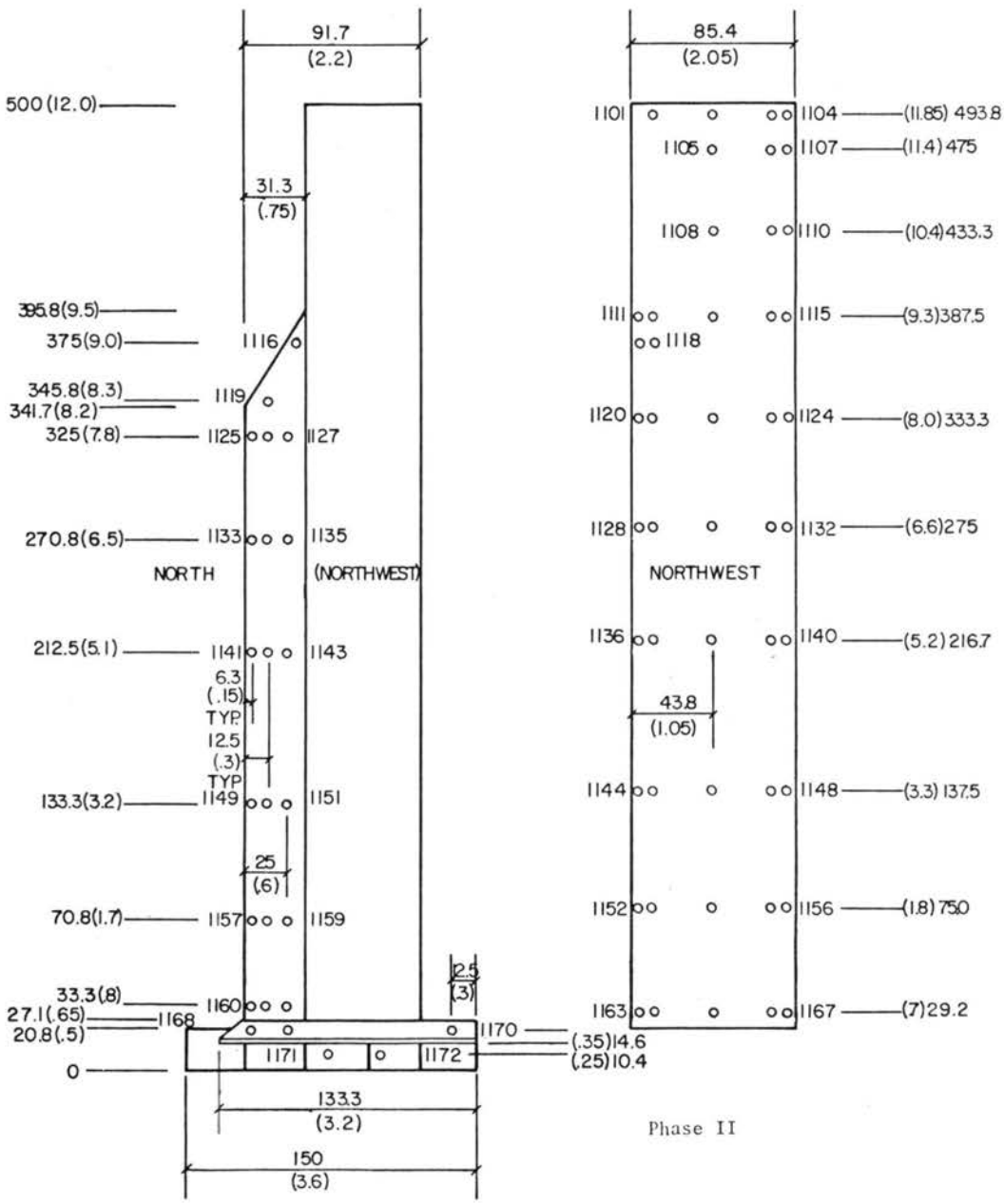


Figure 3b. Pressure Tap Locations

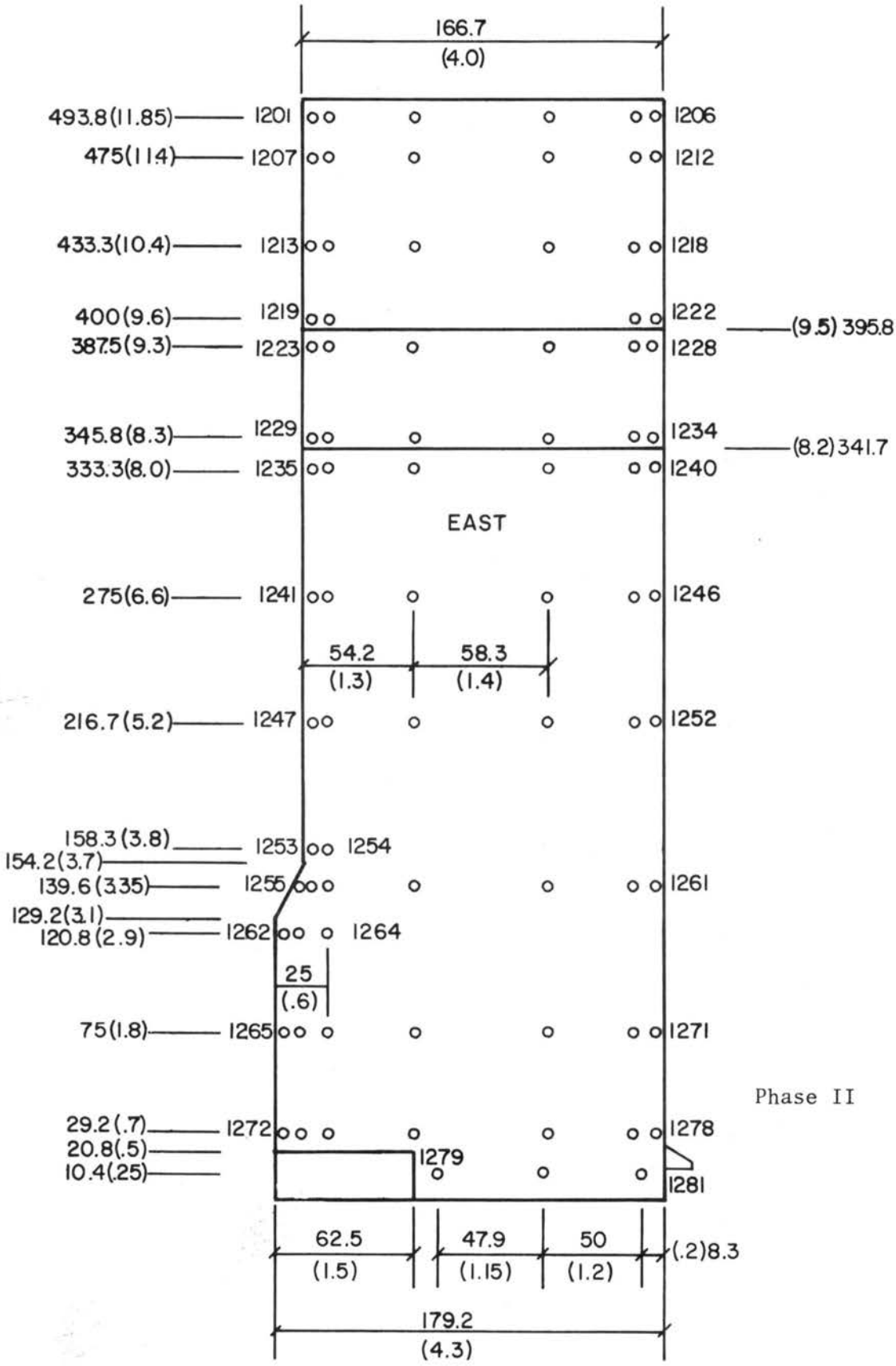
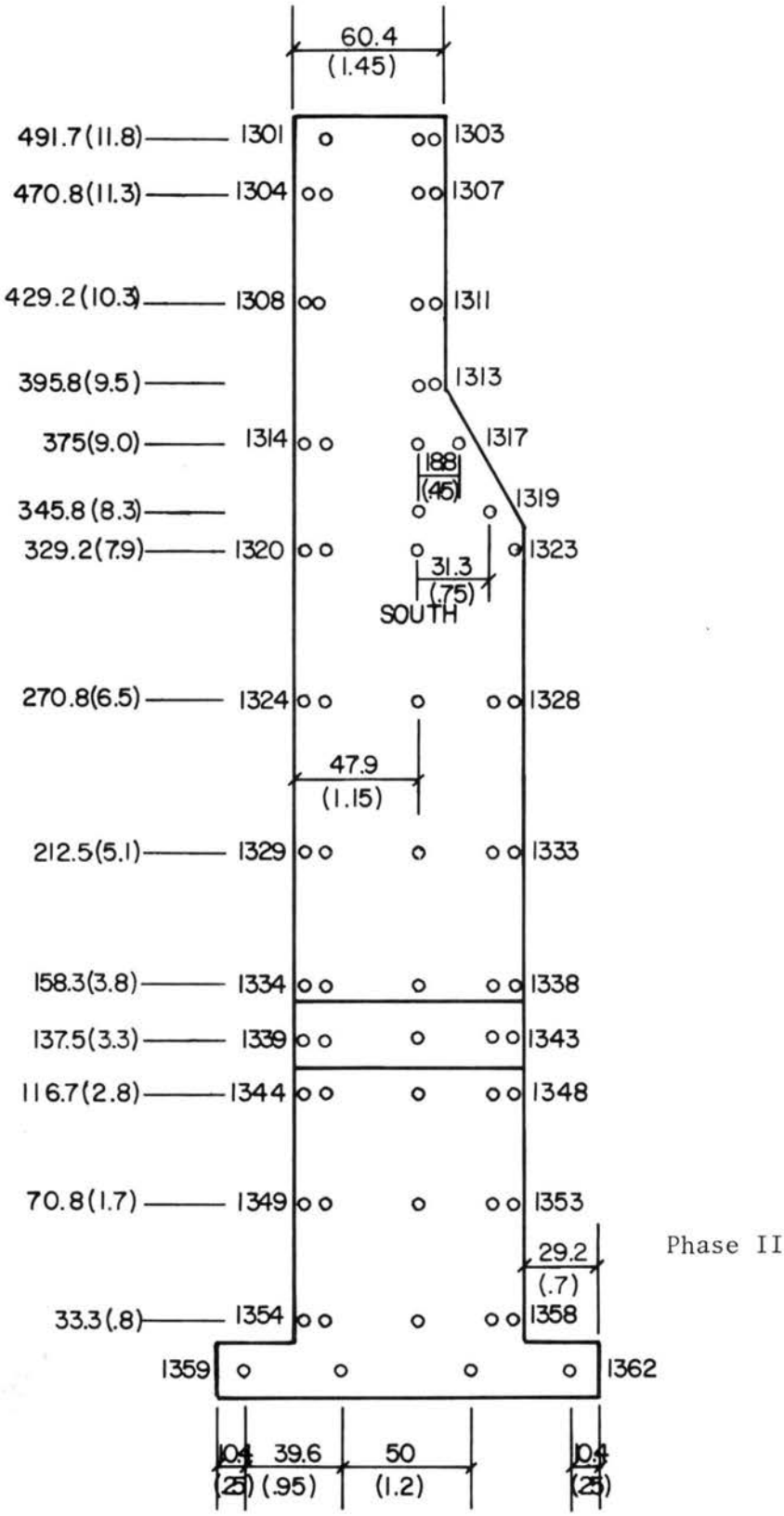


Figure 3c. Pressure Tap Locations



Phase II

Figure 3d. Pressure Tap Locations

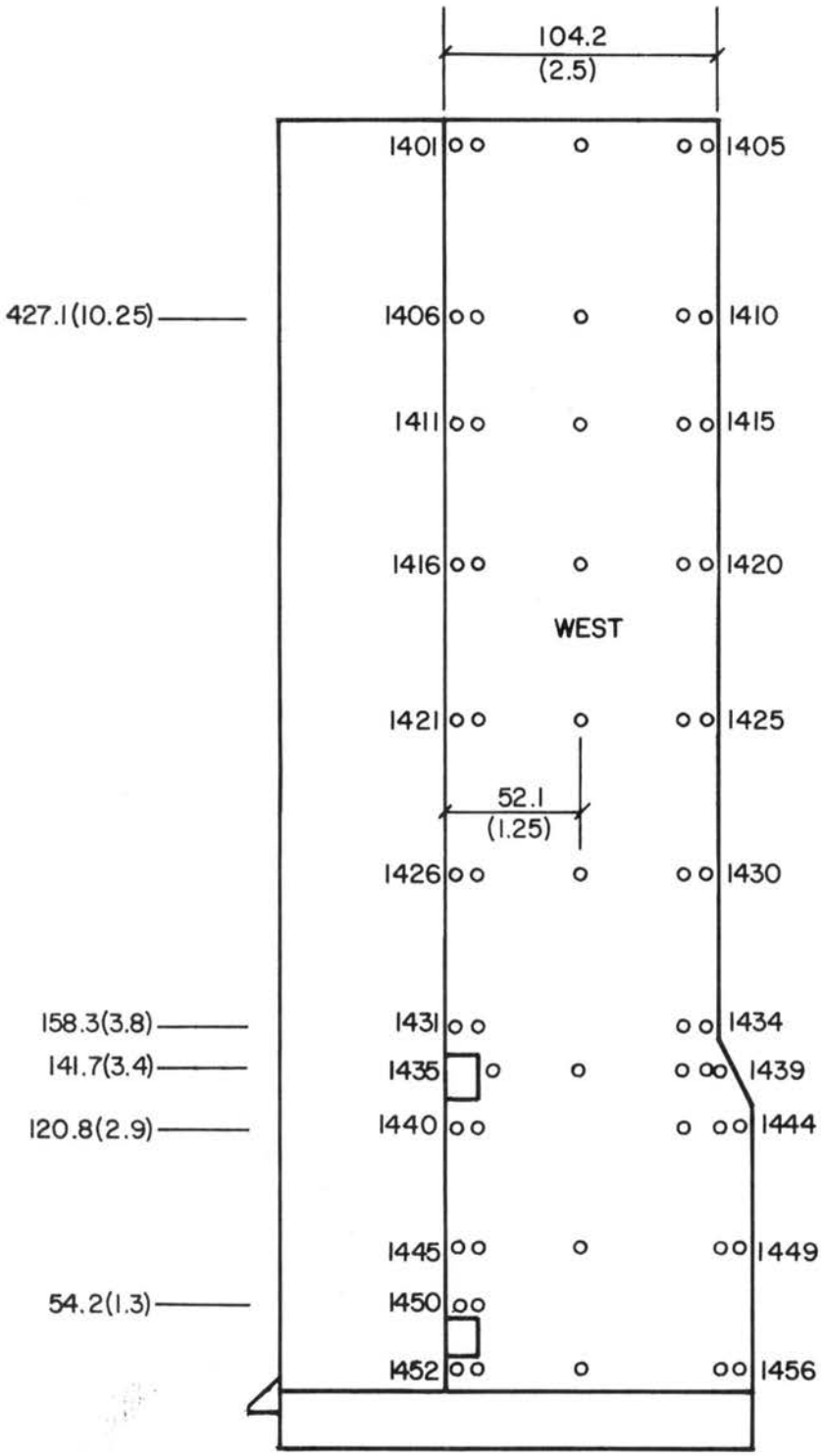


Figure 3e. Pressure Tap Locations

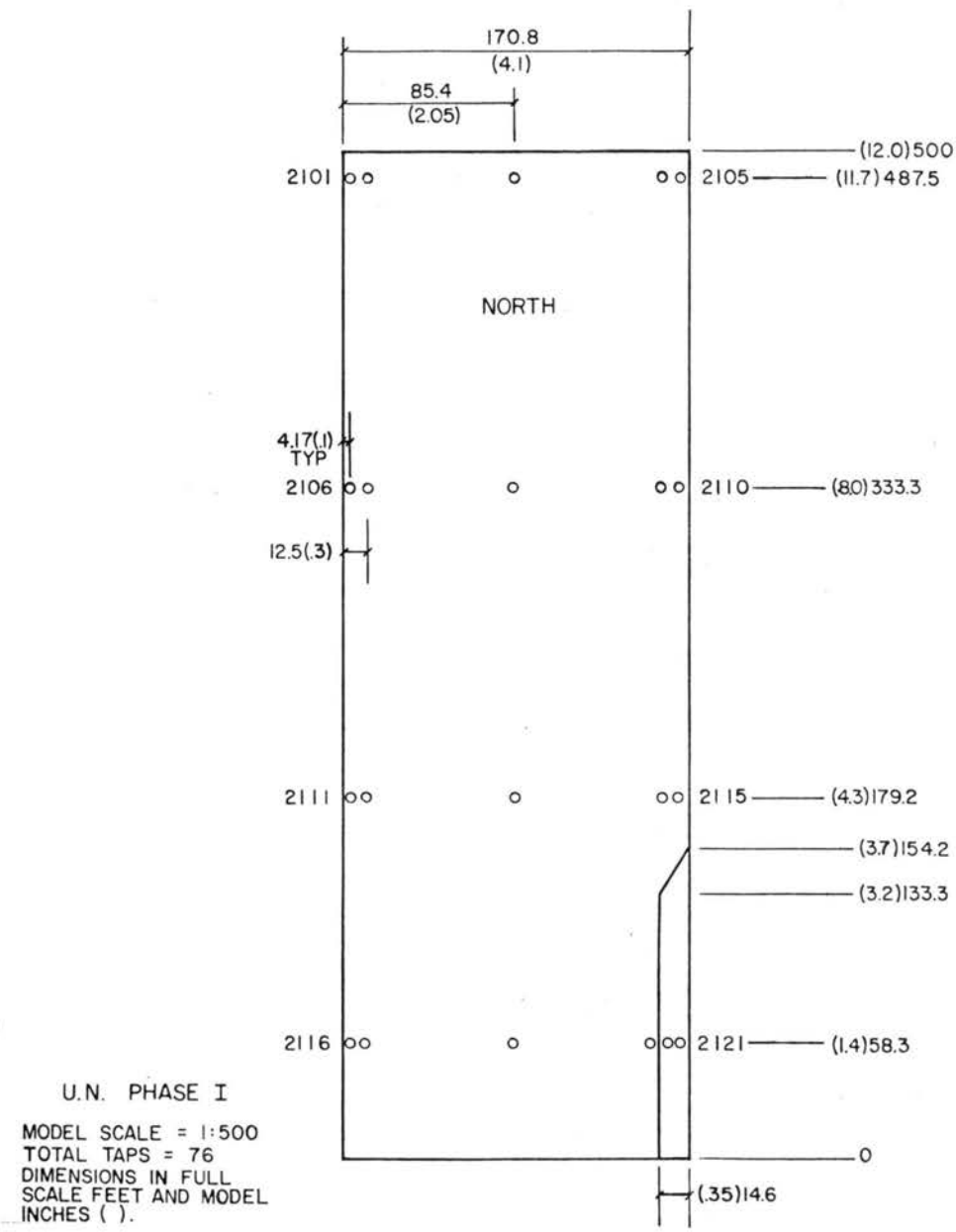


Figure 3f. Pressure Tap Locations

Figure 3g. Pressure Tap Locations

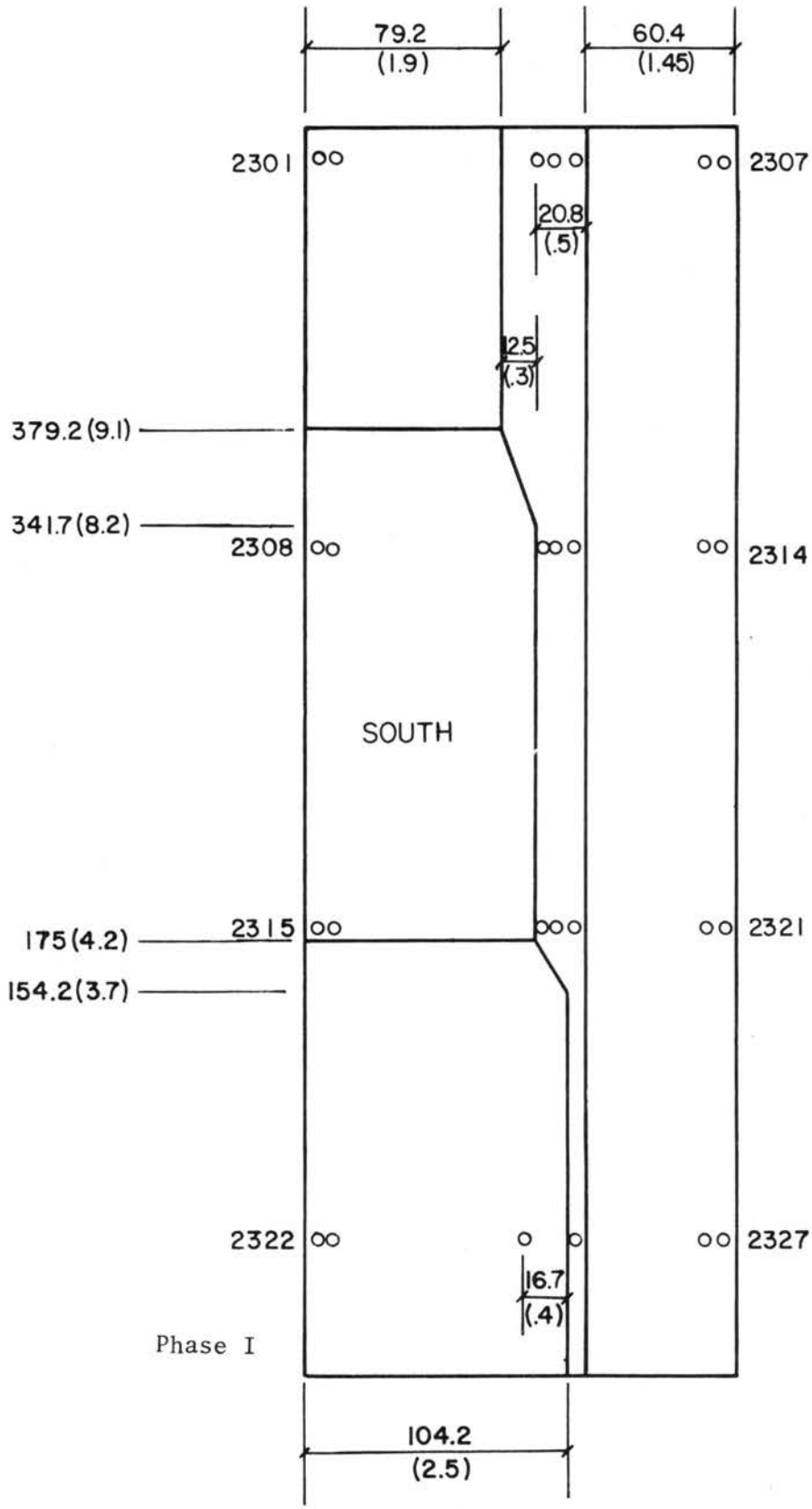


Figure 3h. Pressure Tap Locations

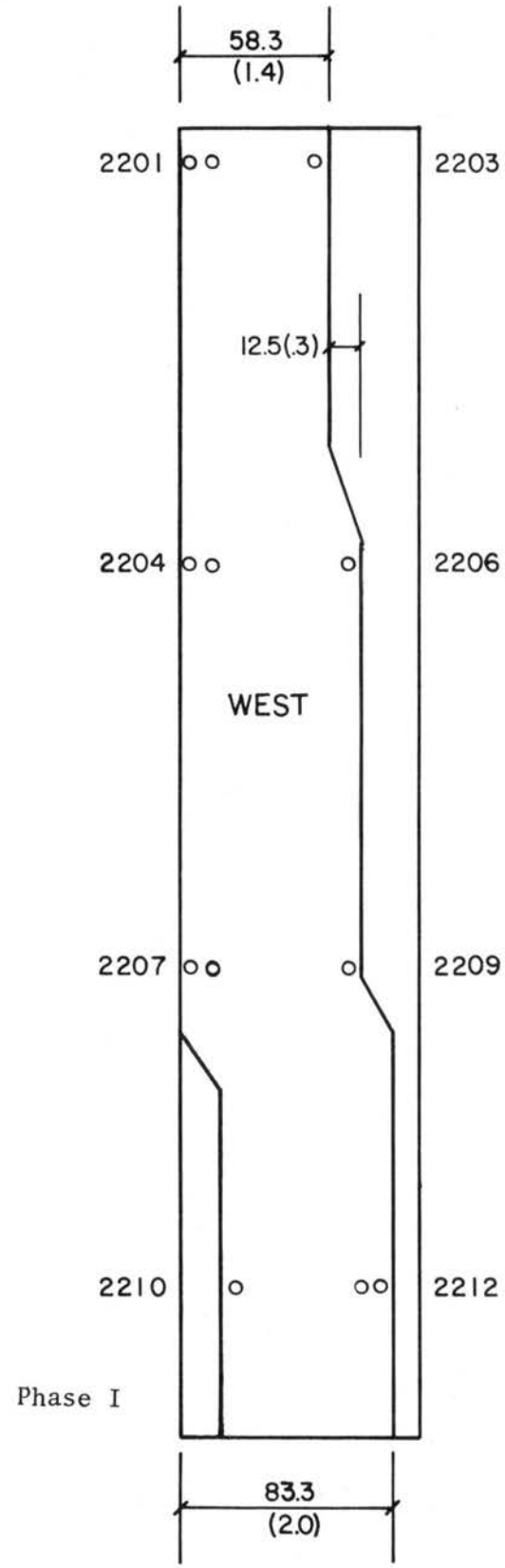


Figure 3i. Pressure Tap Locations

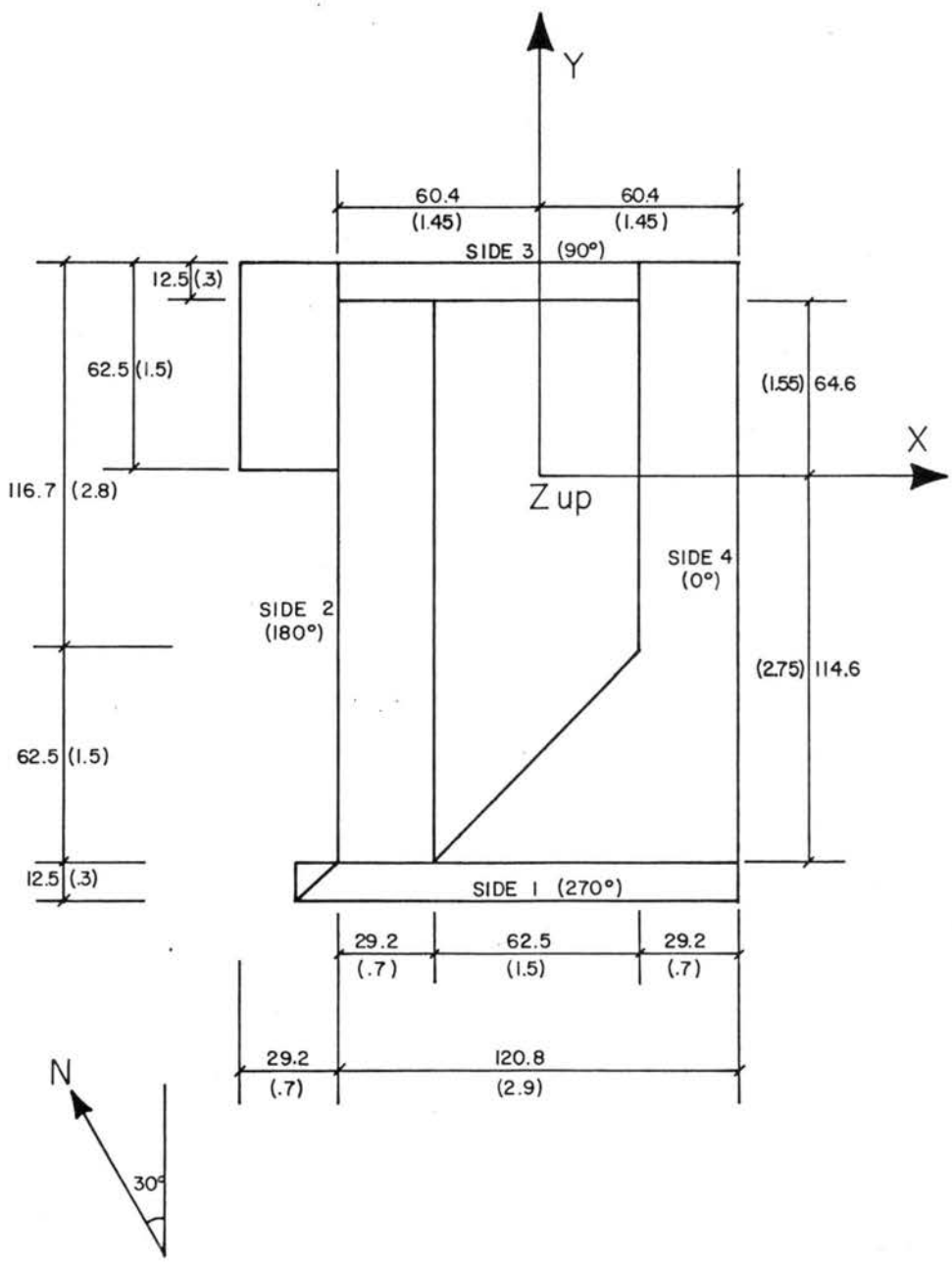


Figure 3j. Force and Moment Coordinate System

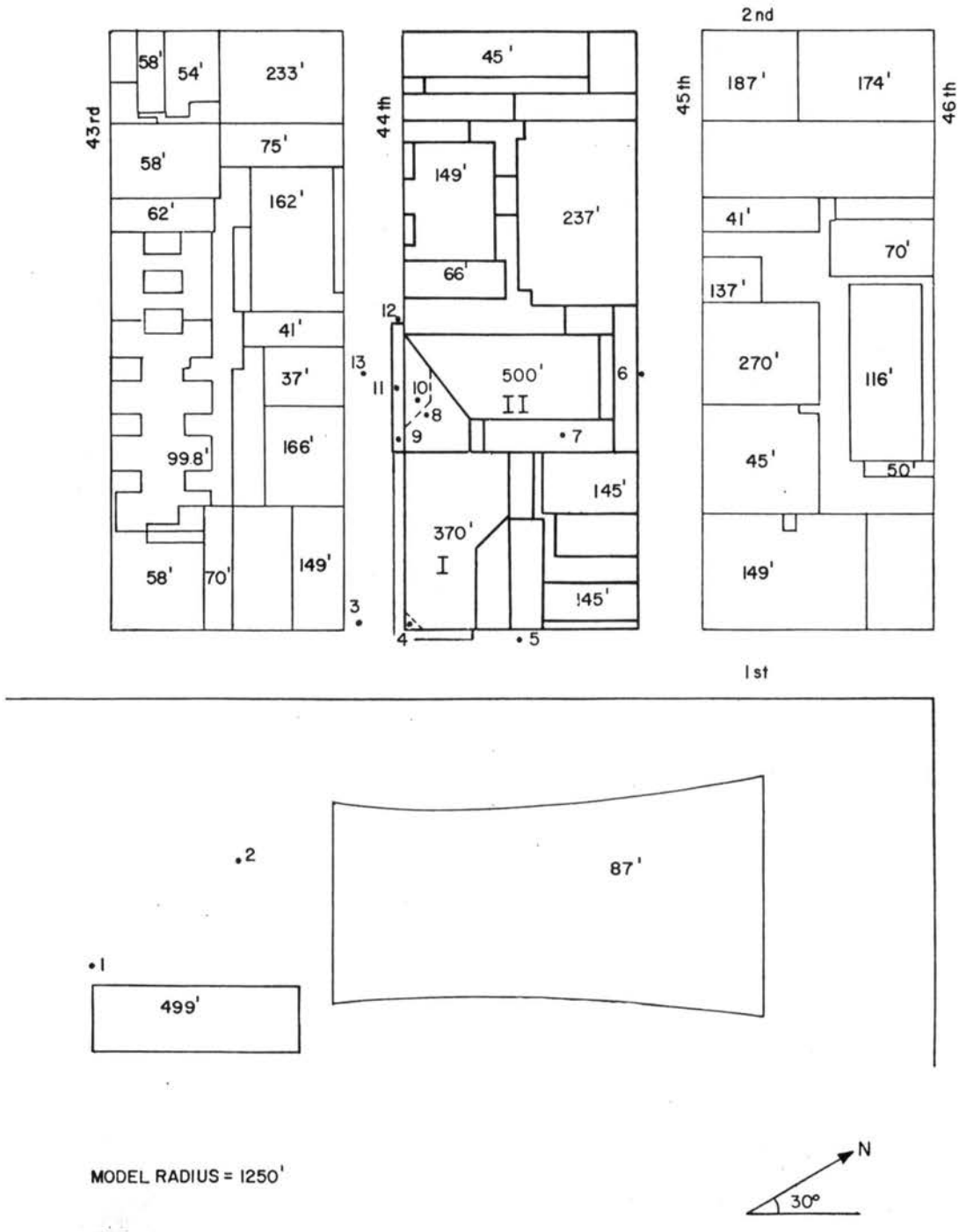


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

Figure 5. Completed Model in Wind Tunnel

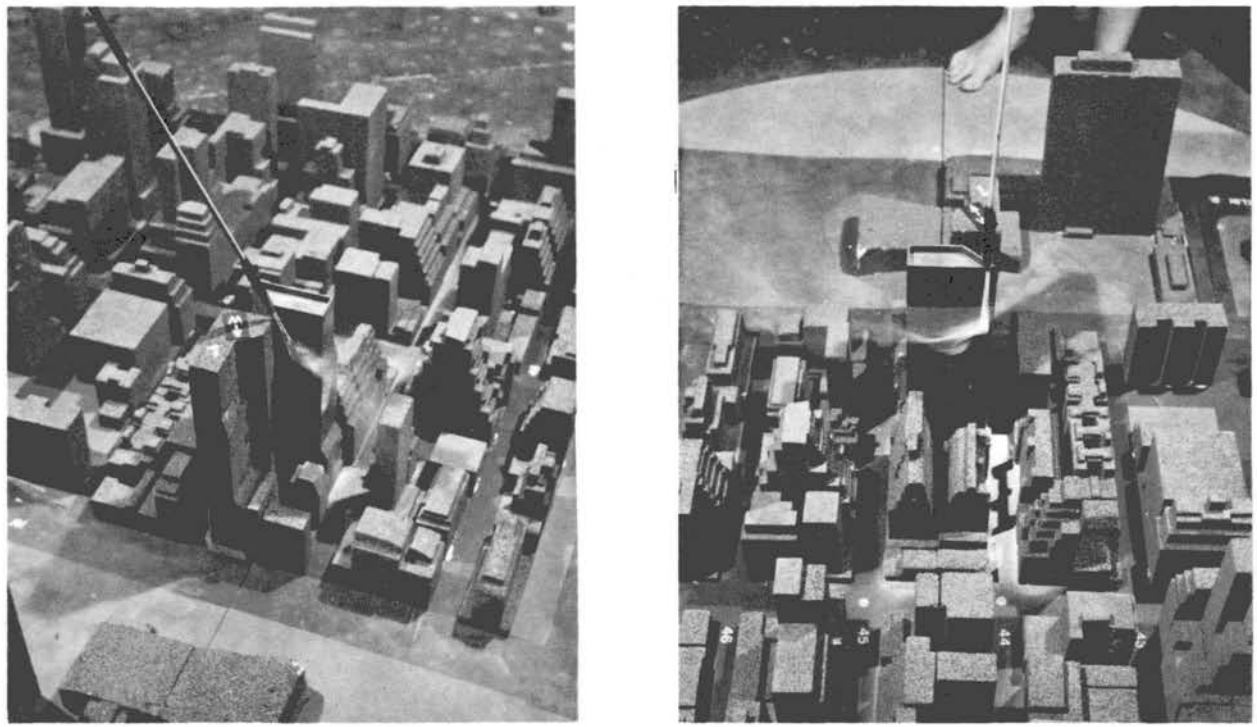


Figure 5. Completed Model in Wind Tunnel

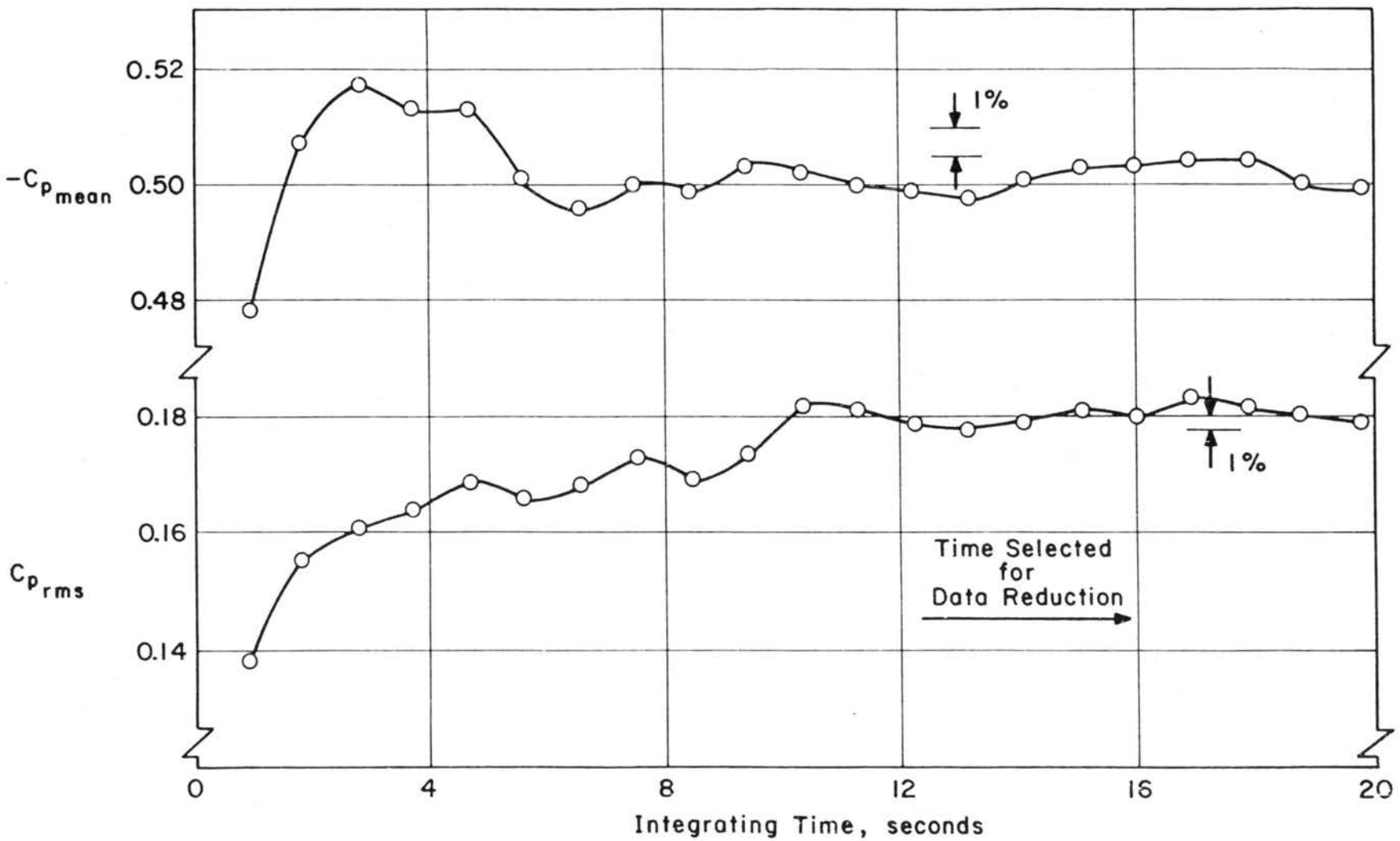


Figure 6 - Data Sampling Time Verification

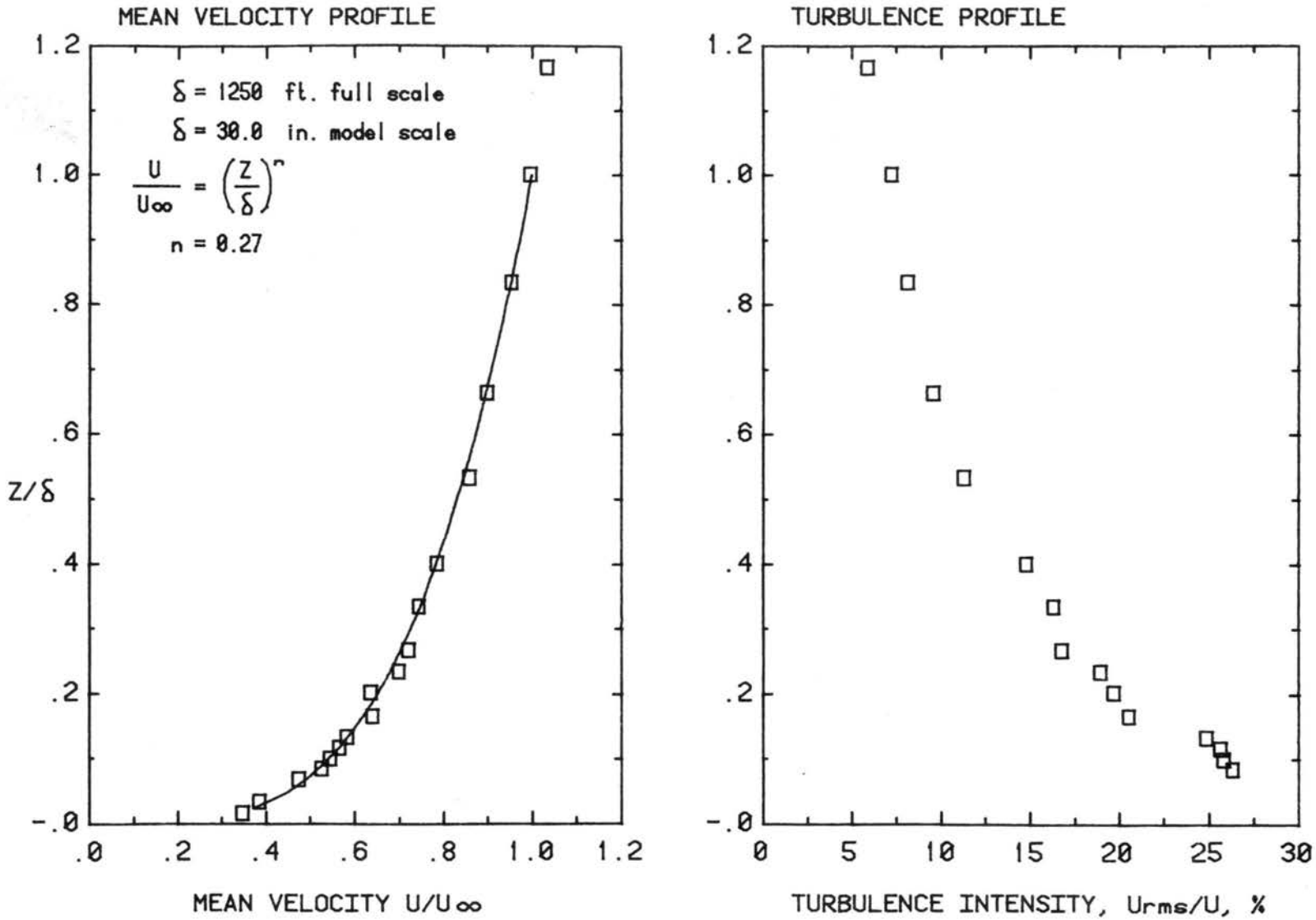


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model.

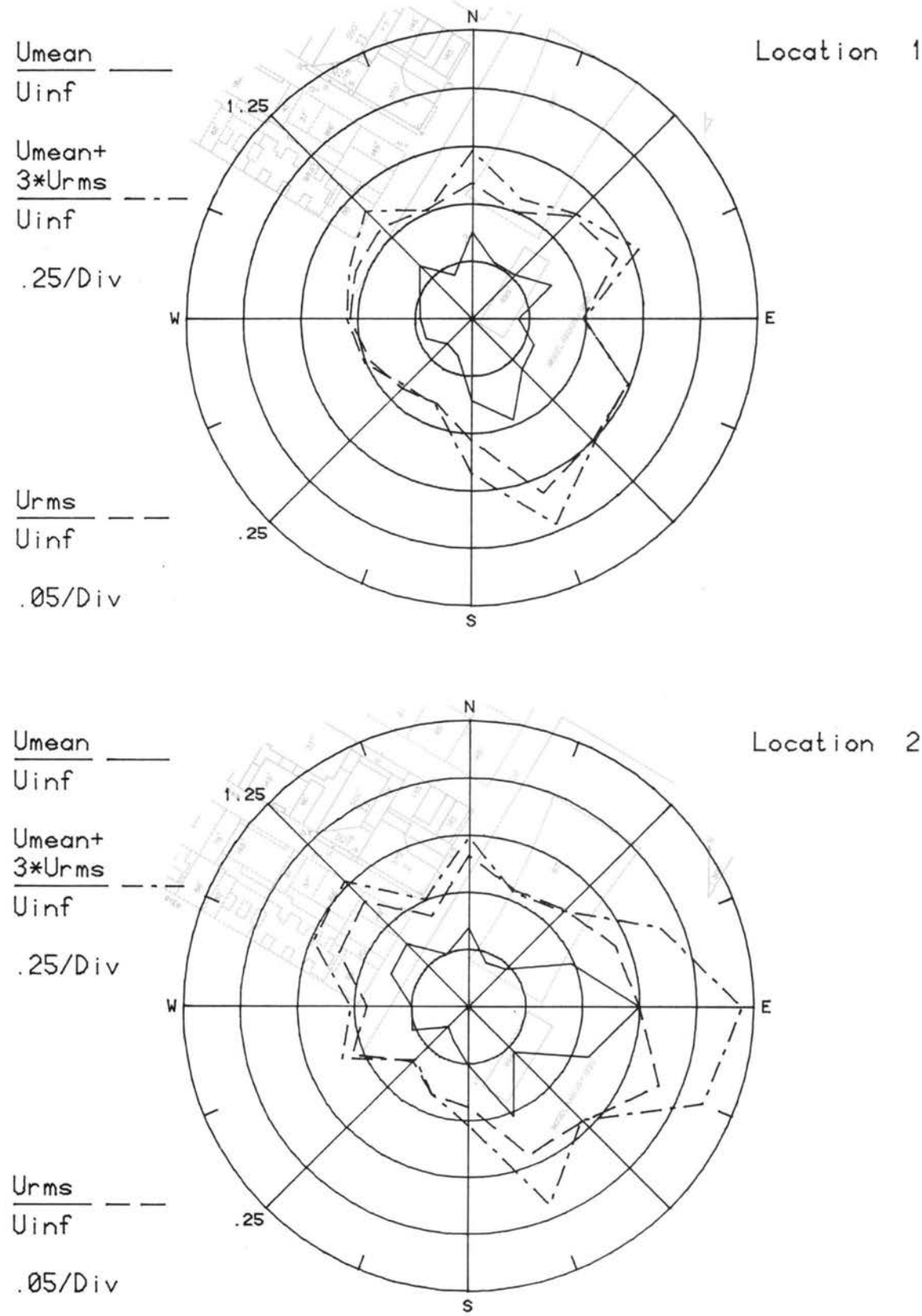


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

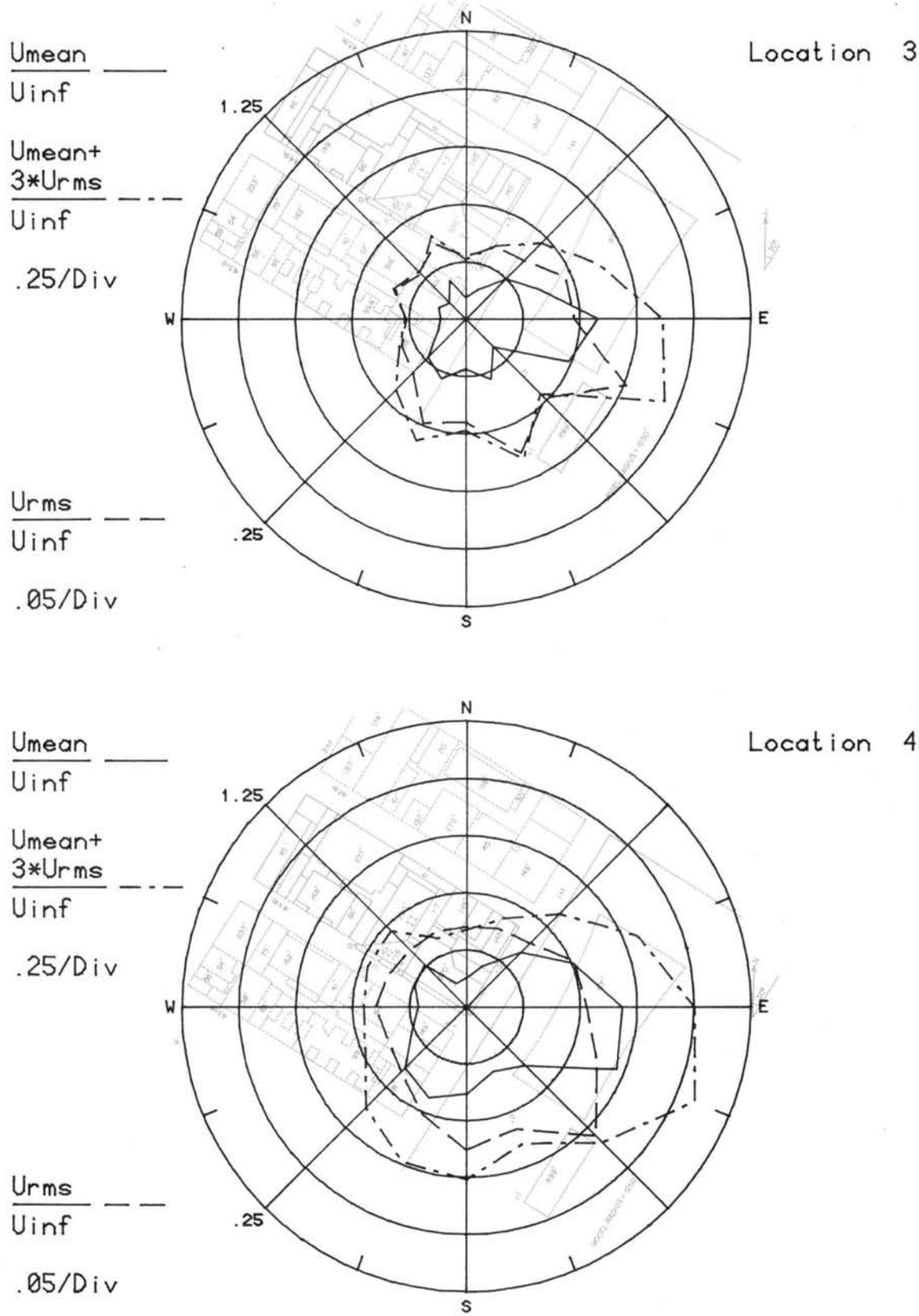


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

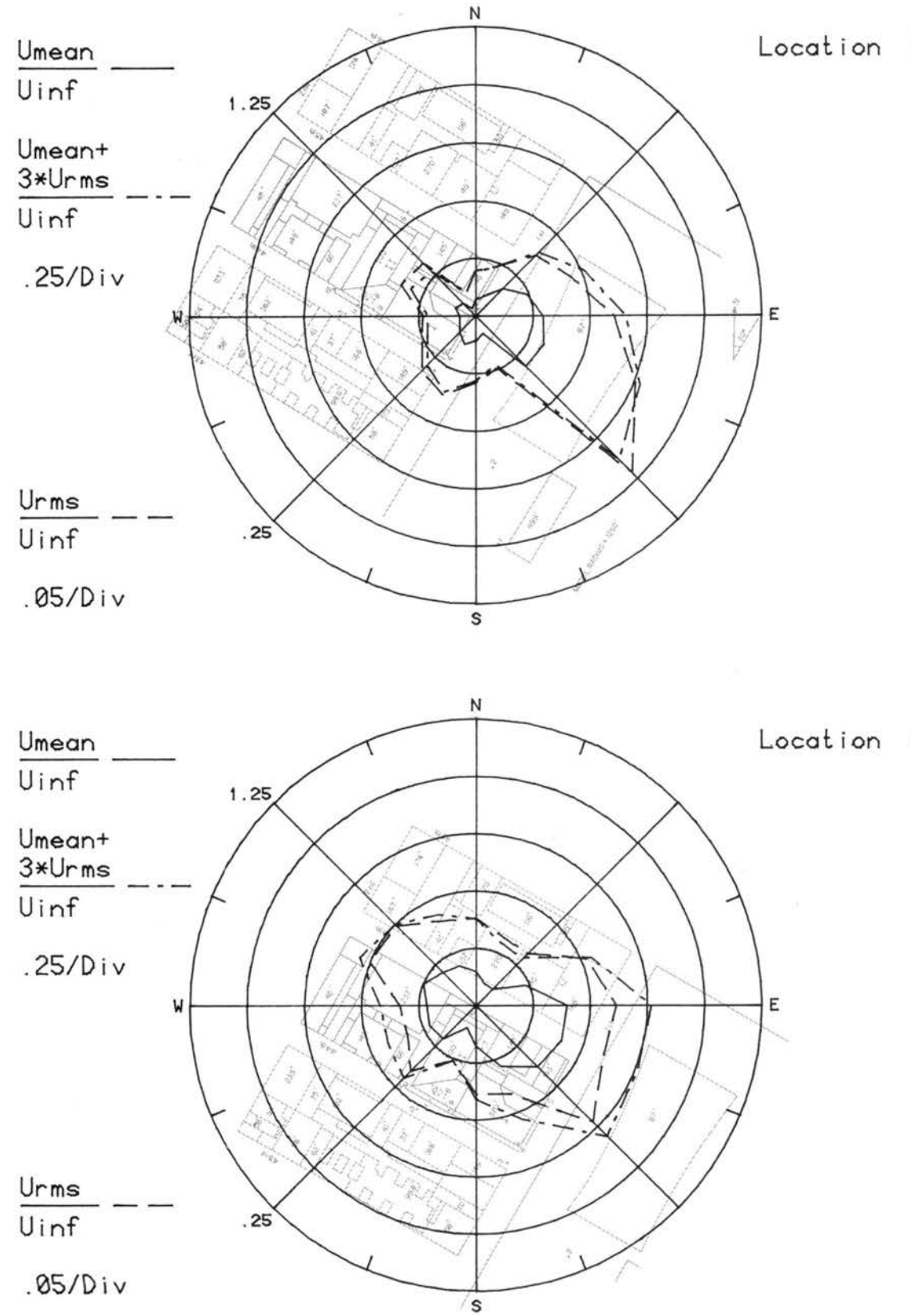


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

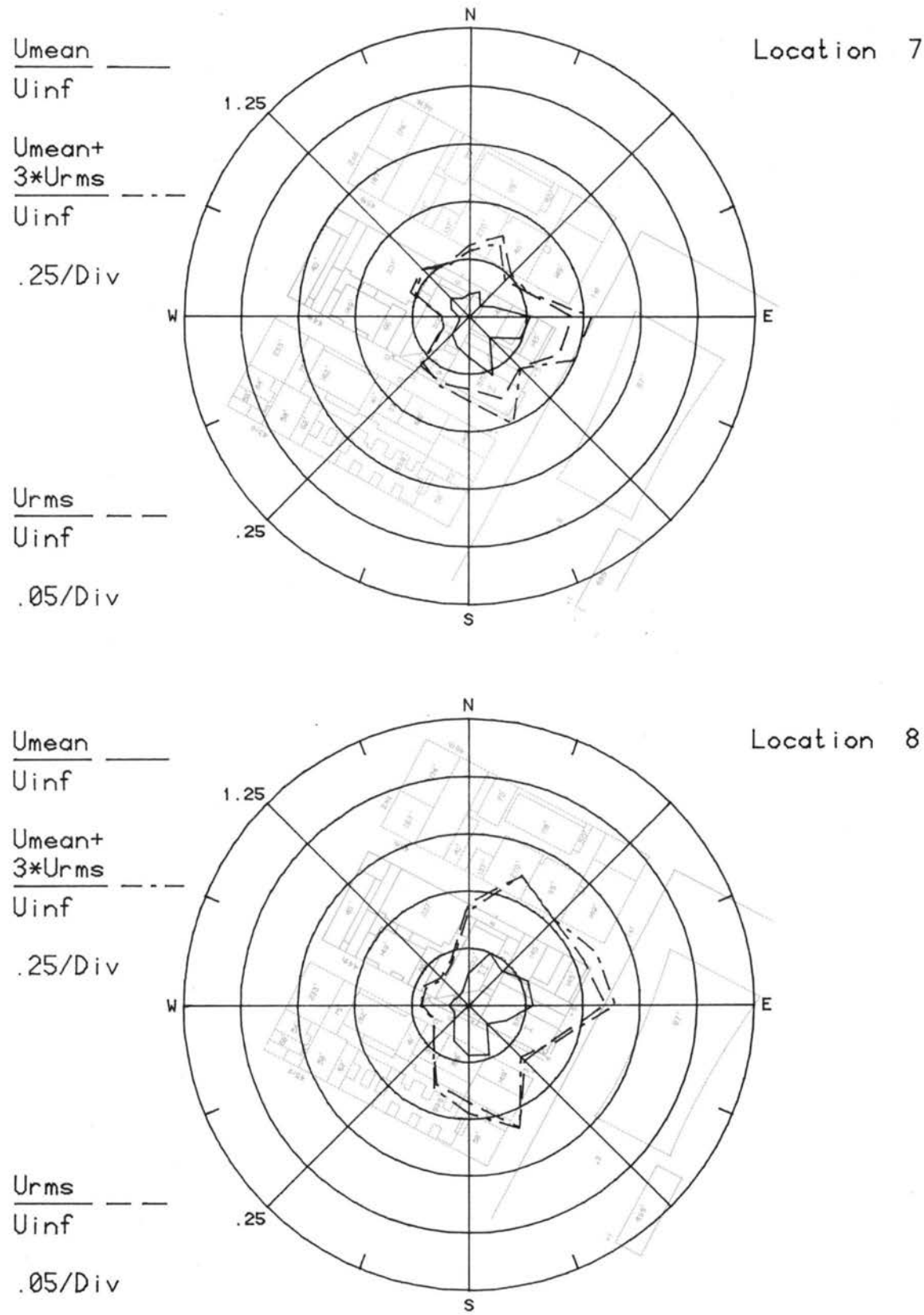


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

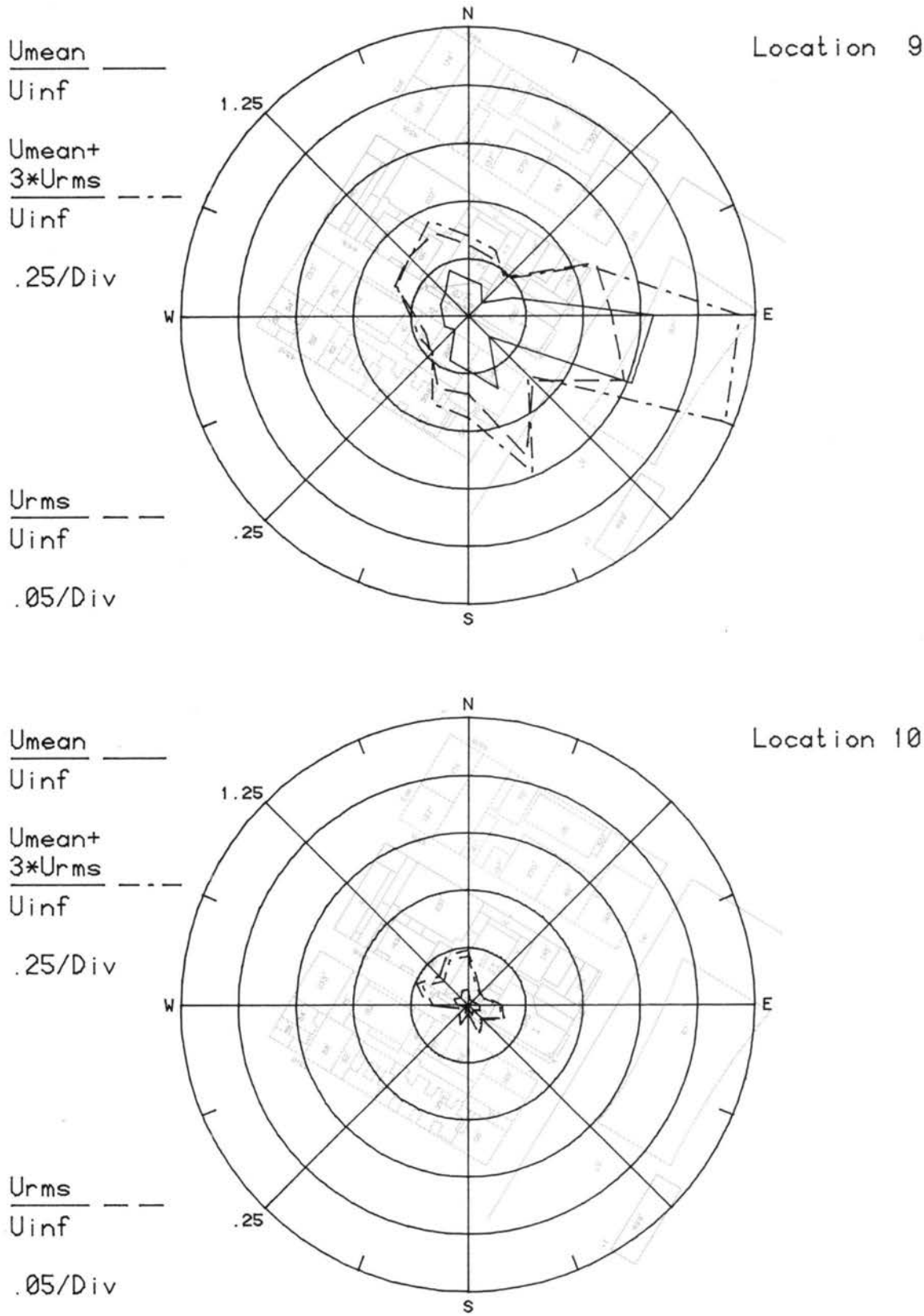


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

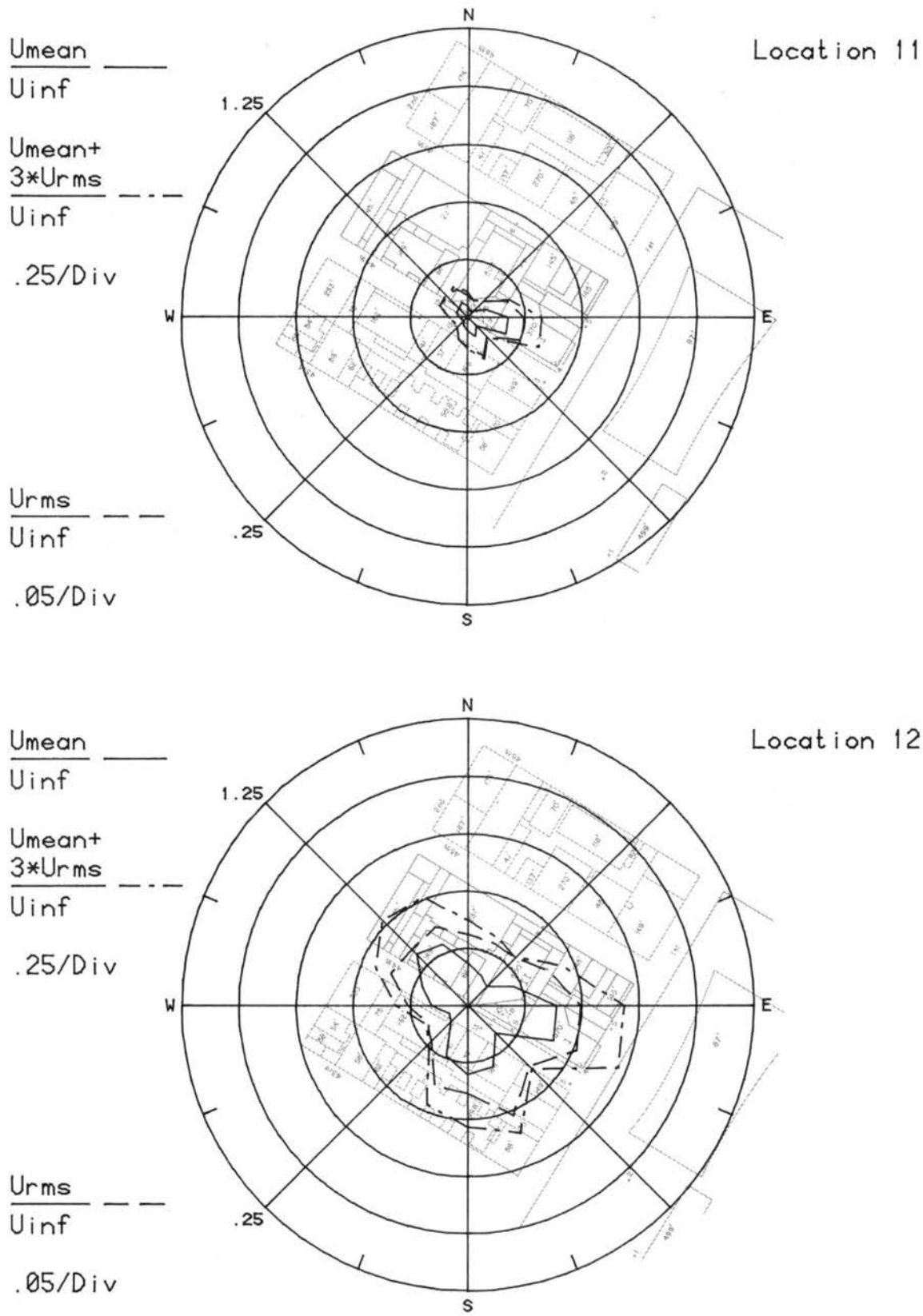


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

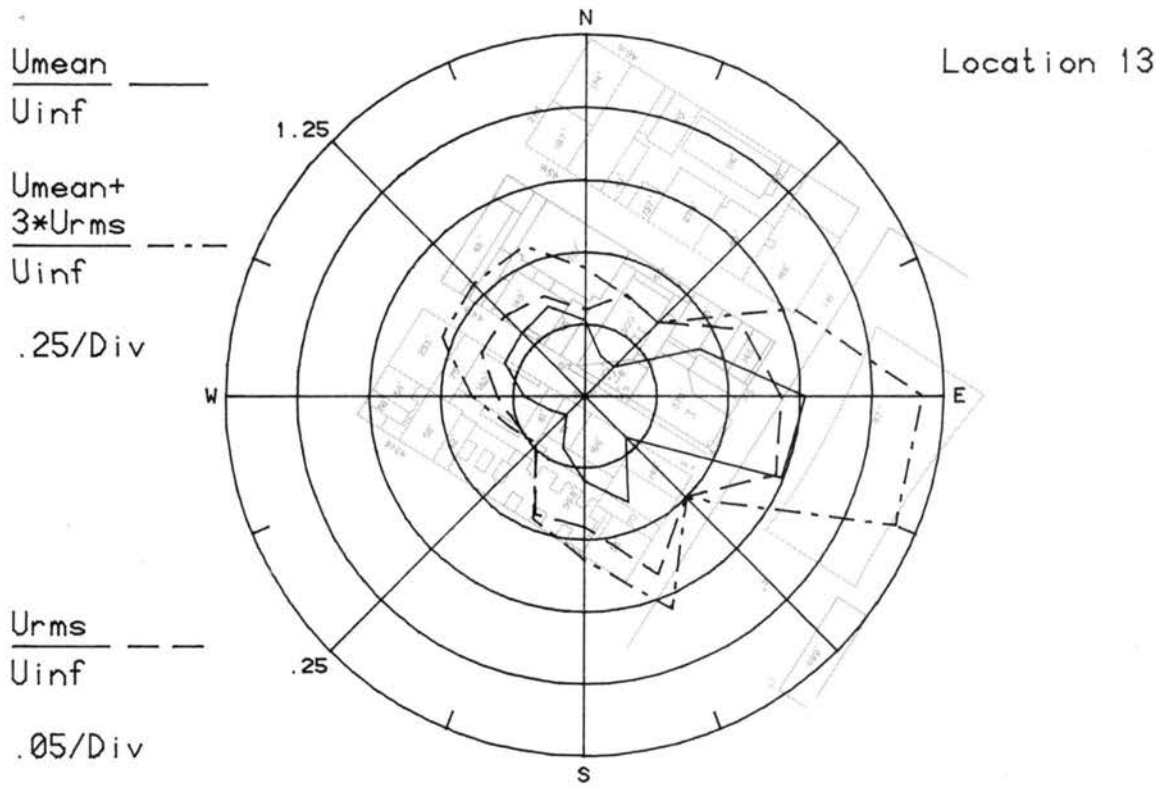


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Location 13

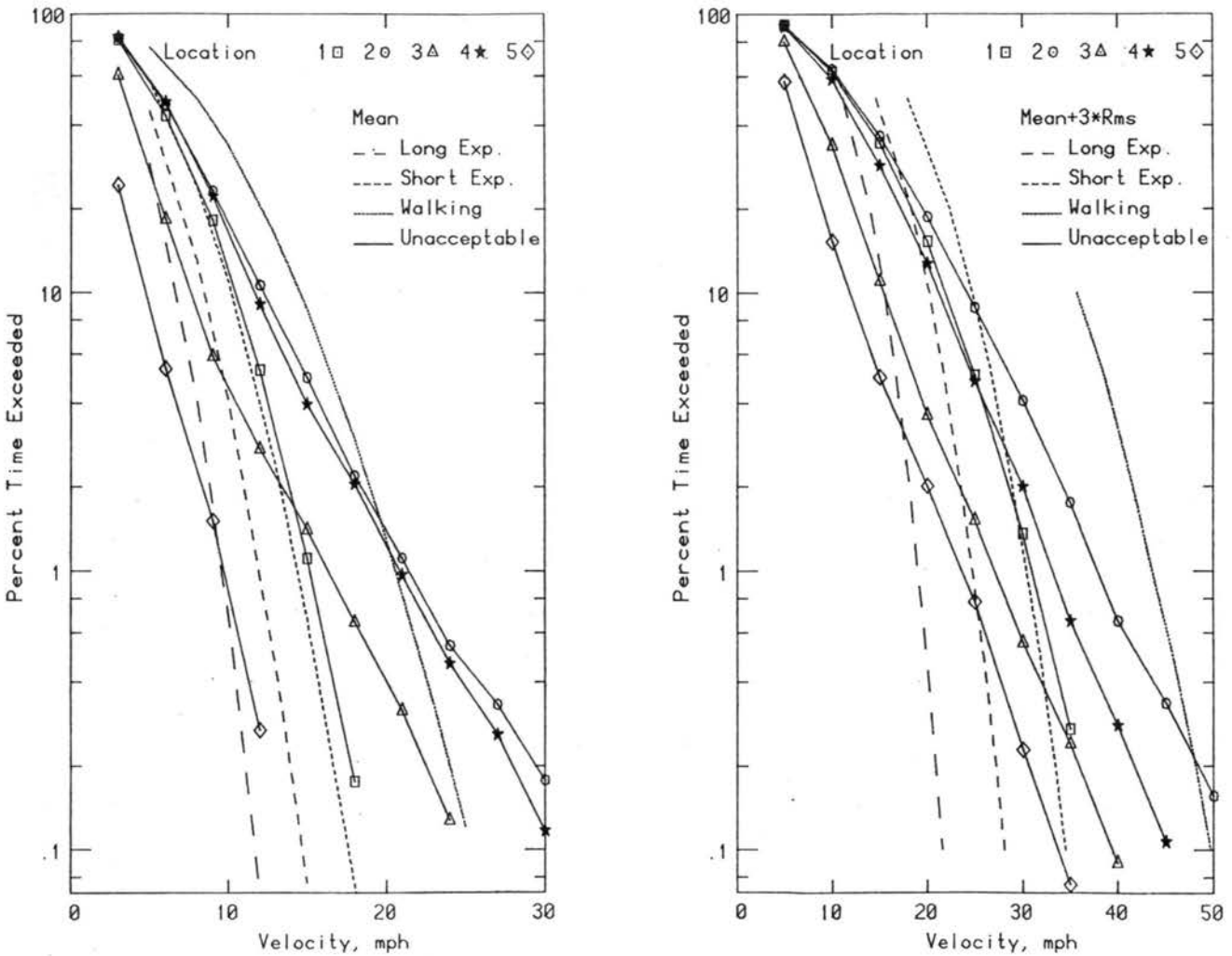


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

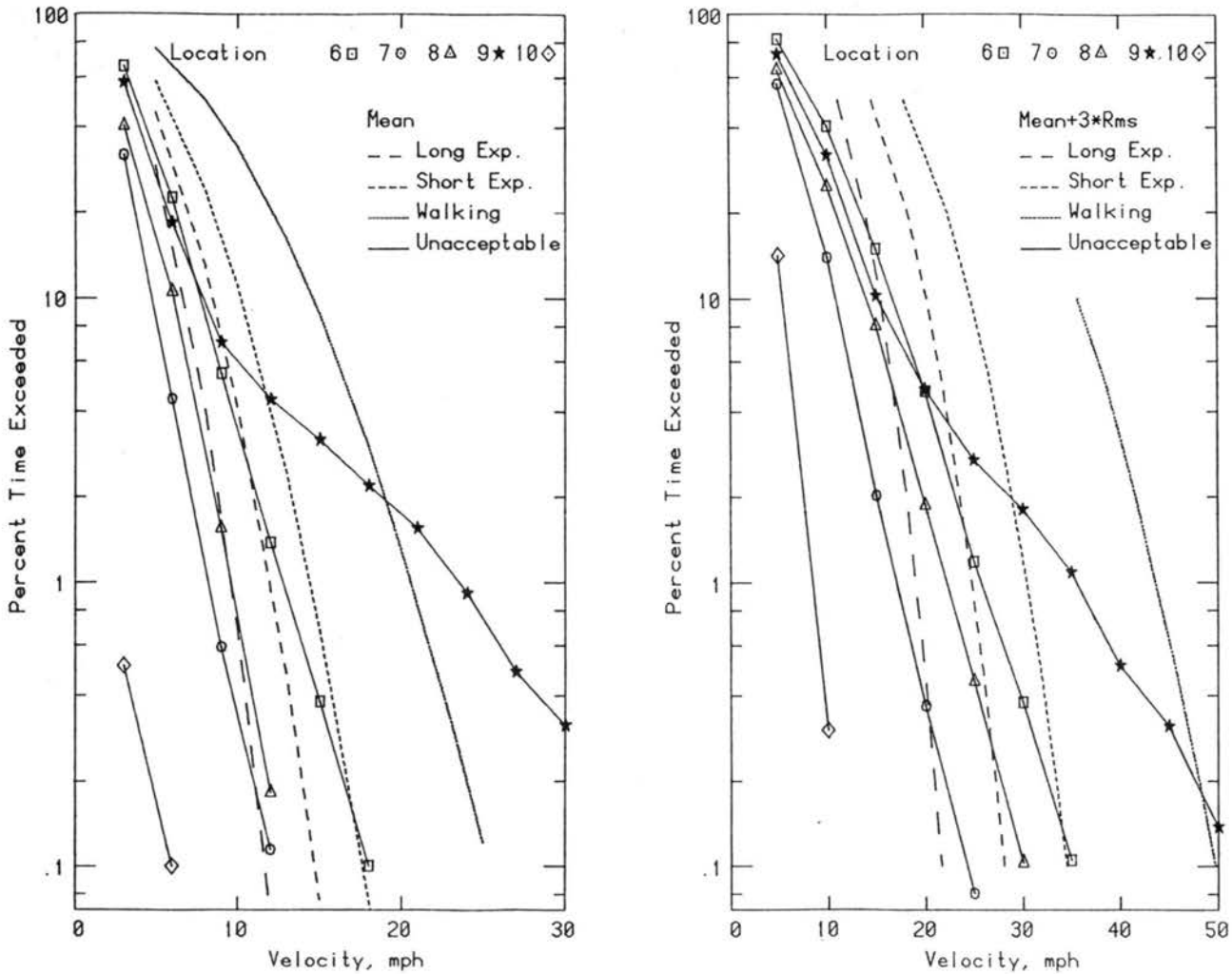


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

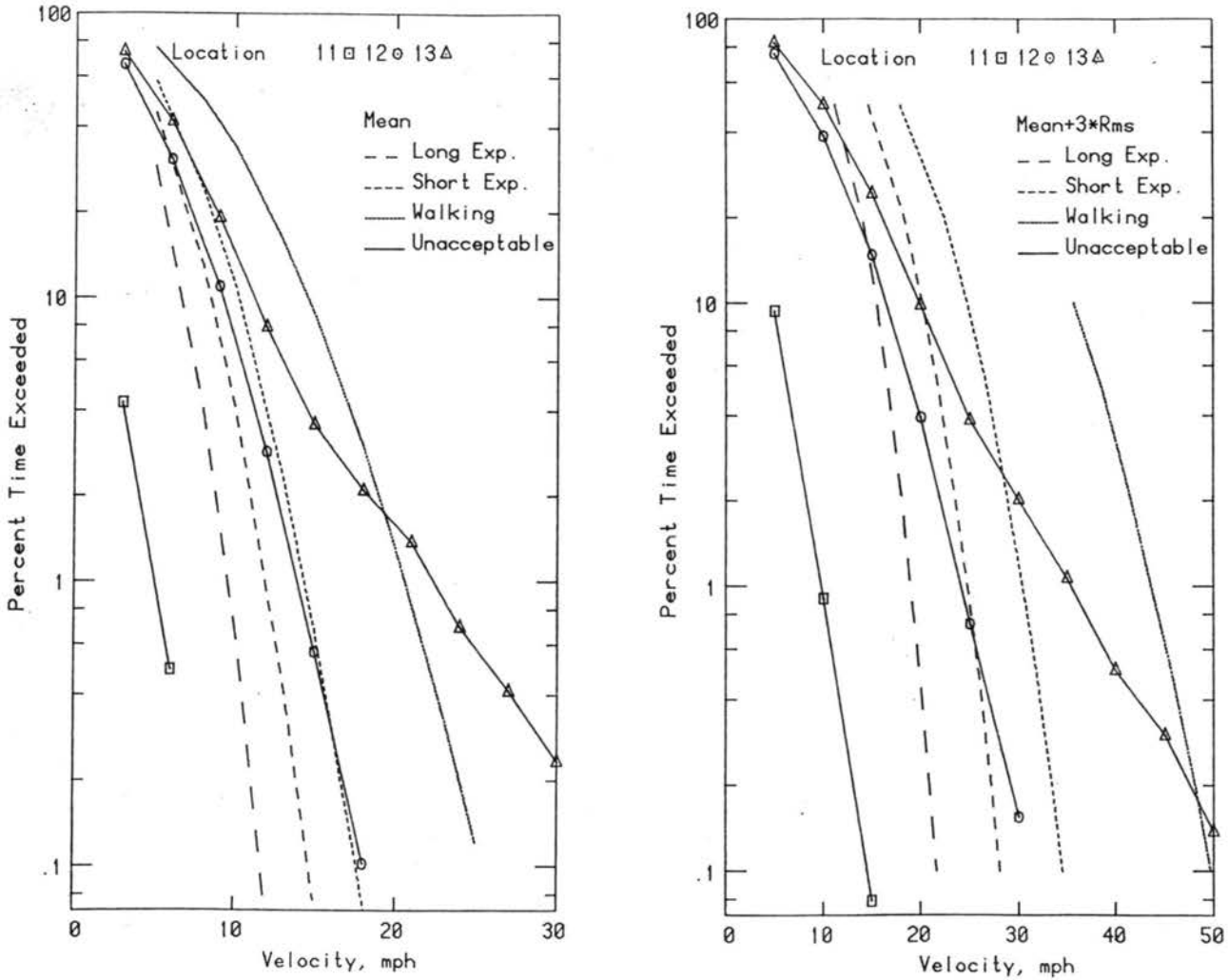
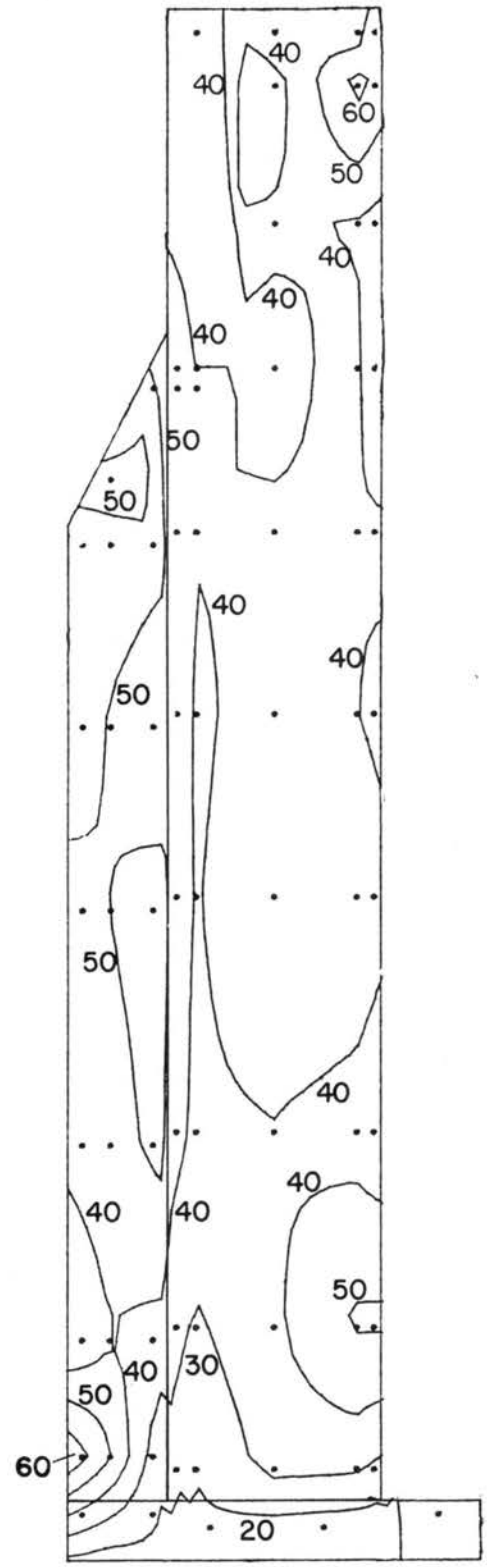


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

NORTH
ELEVATION



Cladding Loads

Reference Pressure = 32 psf

Figure 10a. Peak Pressure Loads on Building

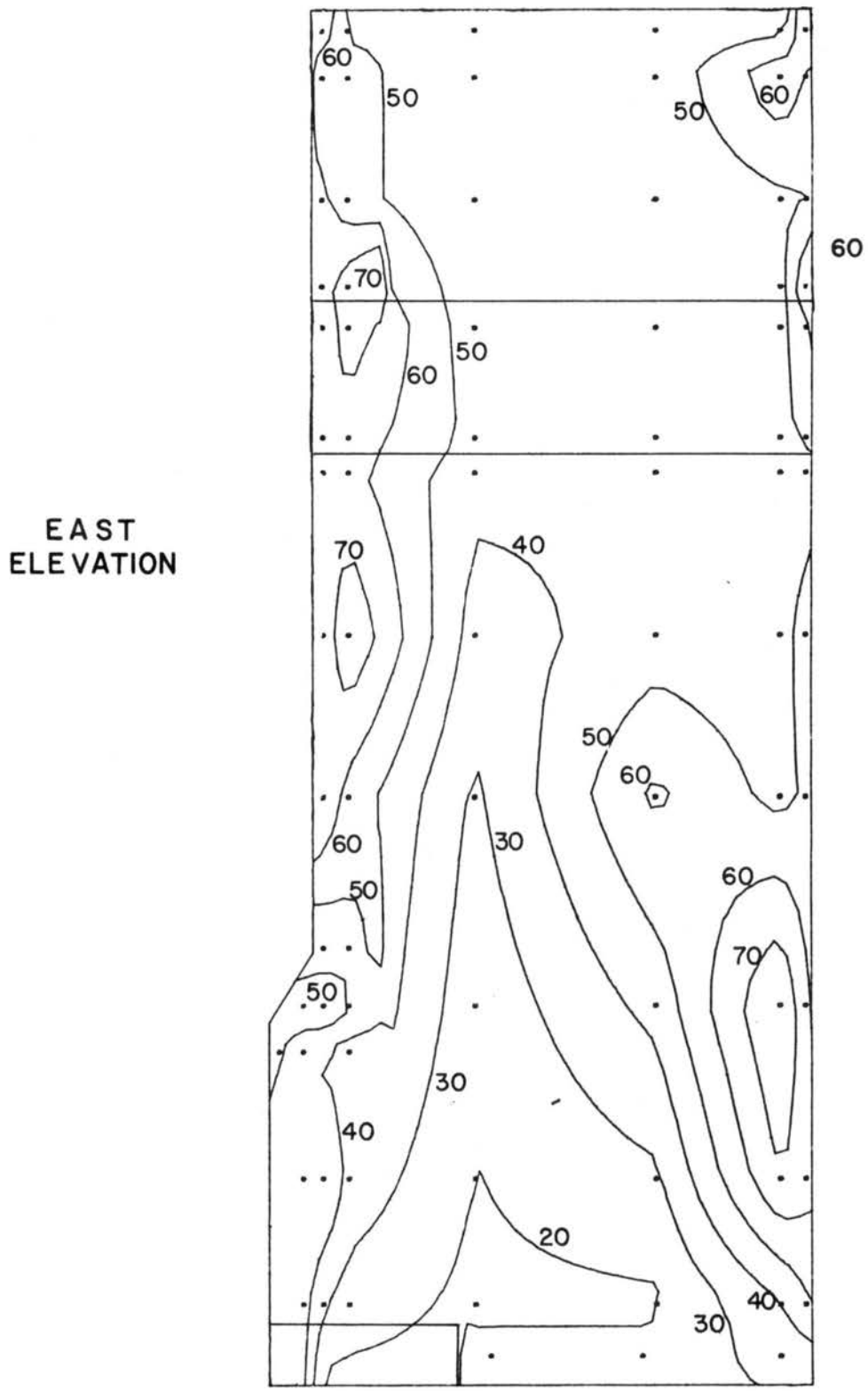


Figure 10b. Peak Pressure Loads on Building

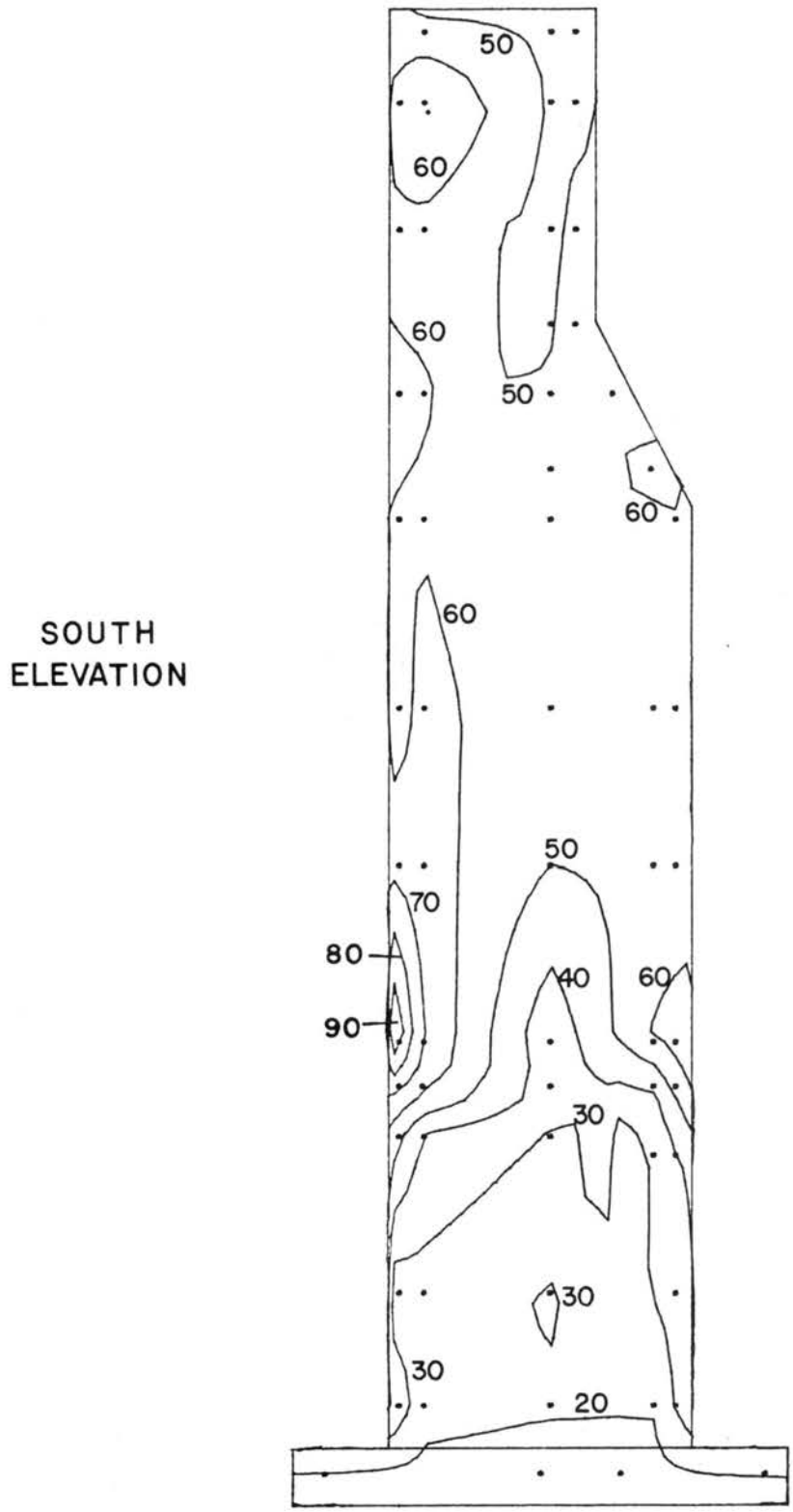
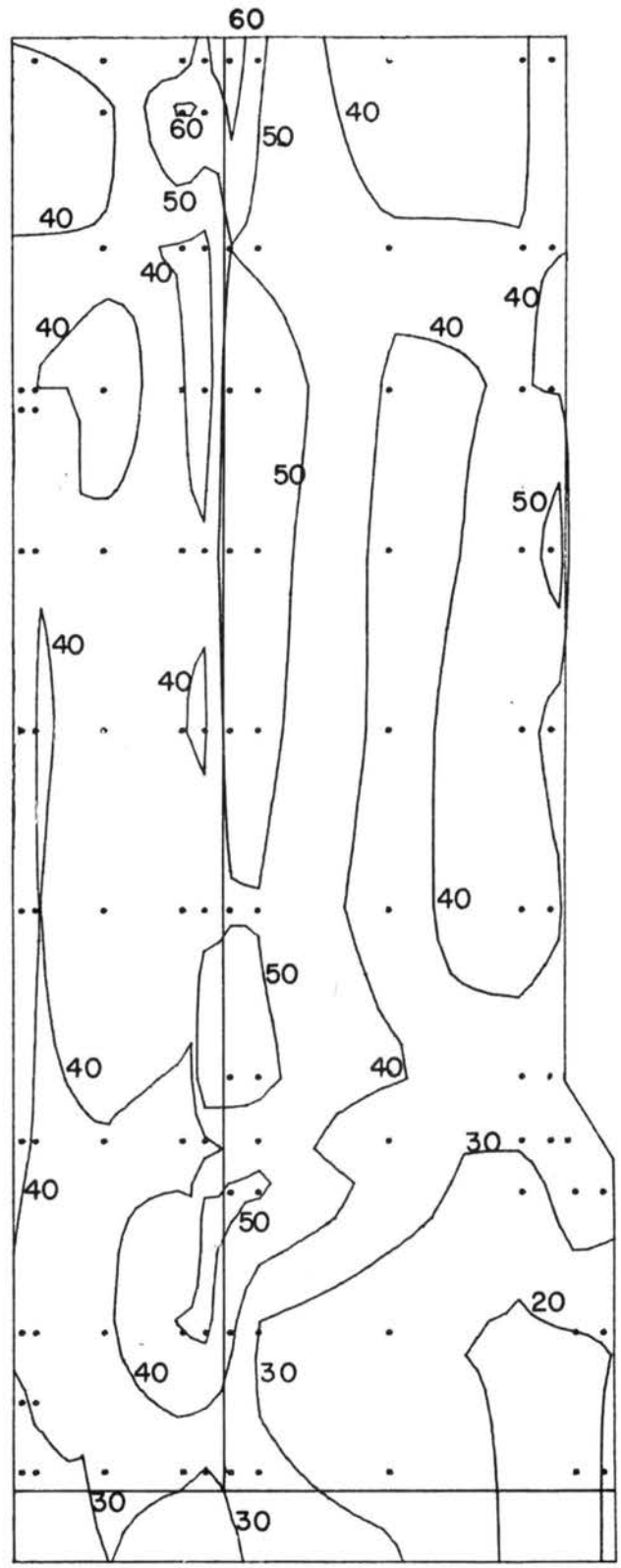


Figure 10c. Peak Pressure Loads on Building



WEST
ELEVATION

Cladding Load
Reference Pressure = 32 psf

Figure 10d. Peak Pressure Loads on Building

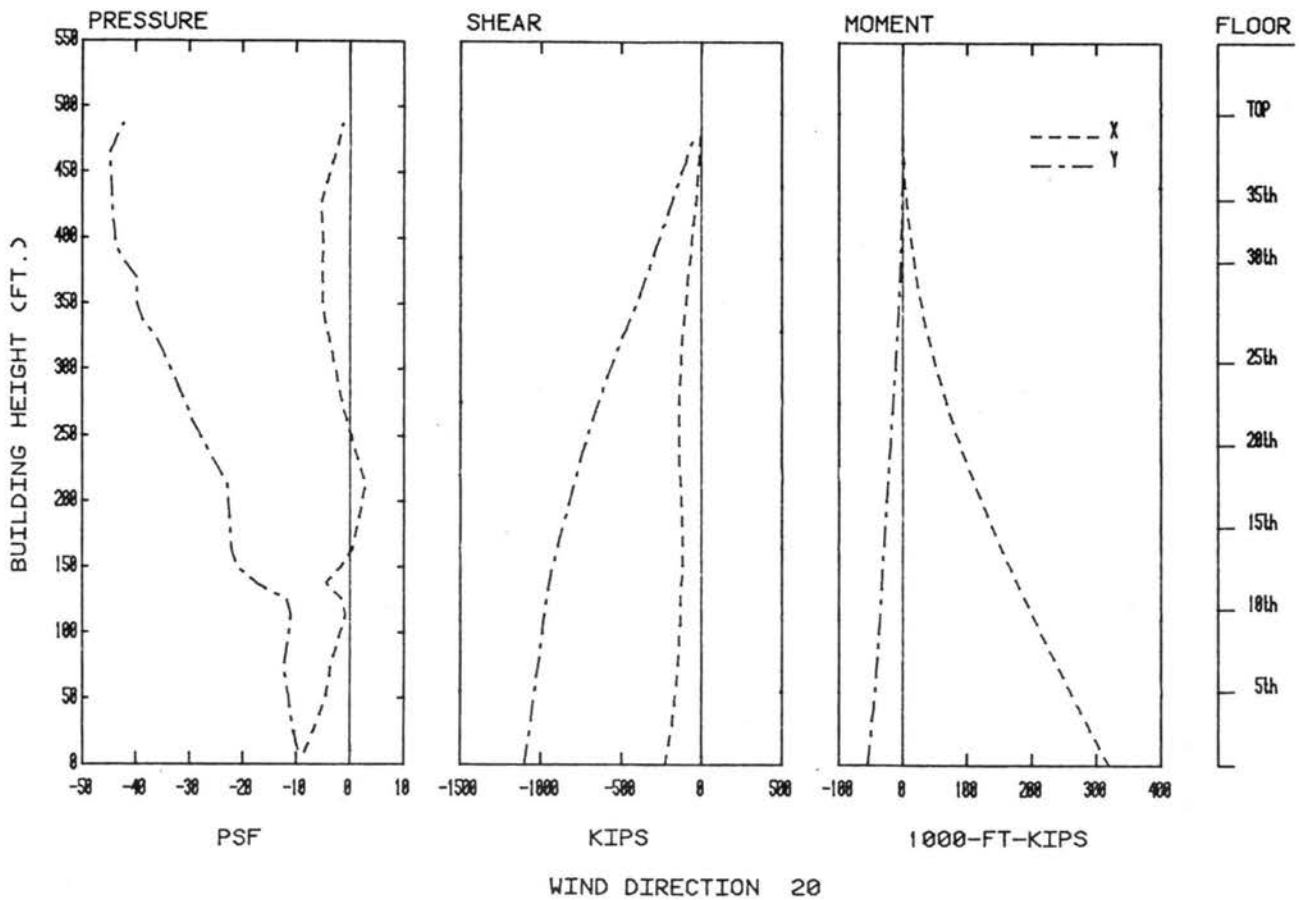


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

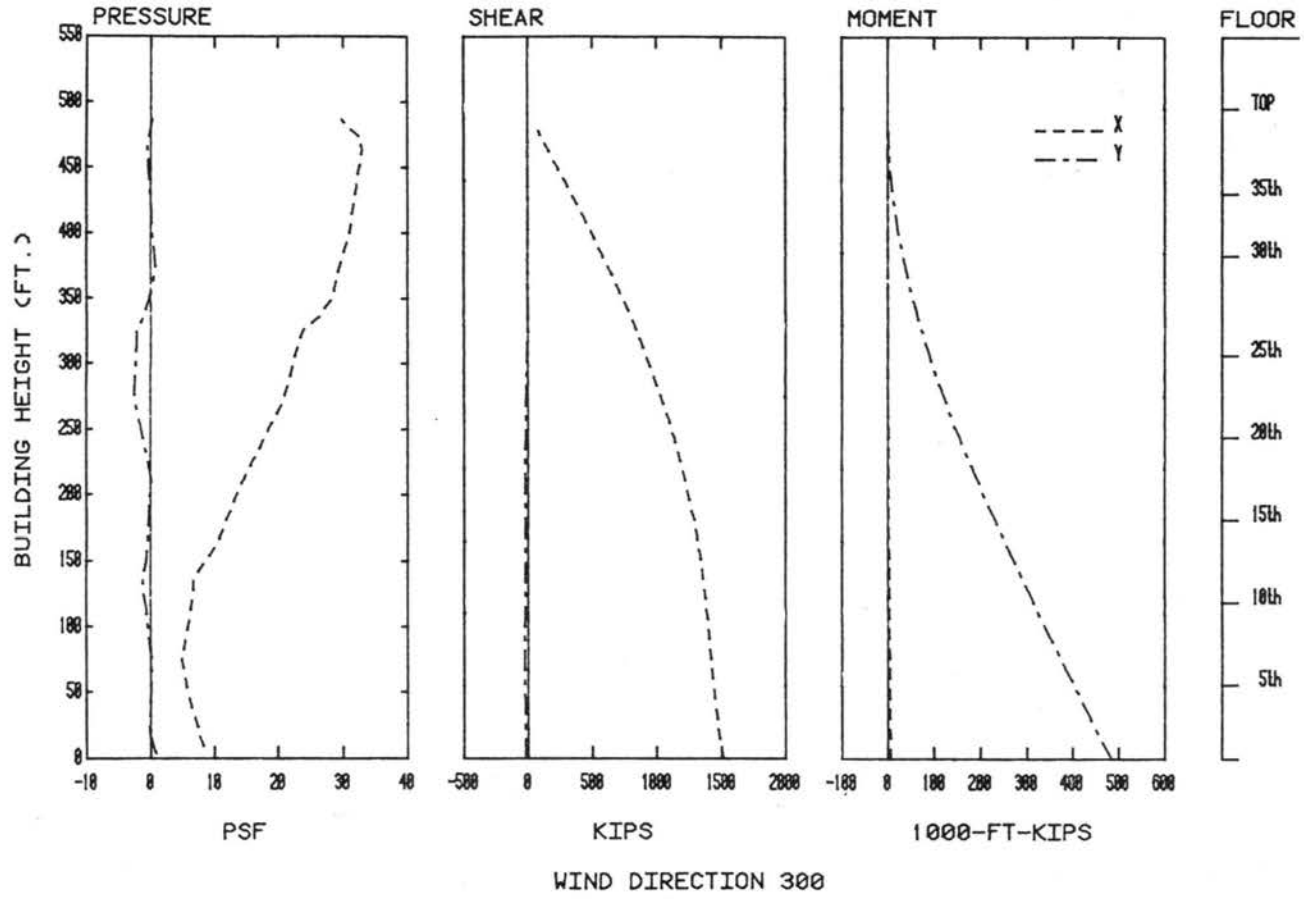


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

Run #	Approach Wind Azimuth, degrees
1	0
2	45
3	90
4	135
5	180
6	225
7	270
8	315

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	37.6	11.8	73.0
22.50	26.2	10.0	56.2
45.00	26.5	12.5	64.0
67.50	37.5	13.7	78.6
90.00	20.1	9.7	49.2
112.50	29.3	14.8	73.7
135.00	31.0	15.0	76.0
157.50	47.6	16.4	96.8
180.00	35.6	10.6	67.4
202.50	16.9	8.0	40.9
225.00	15.3	8.6	41.1
247.50	21.9	9.6	50.7
270.00	22.7	10.7	54.8
292.50	25.1	11.0	58.1
315.00	32.5	11.2	66.1
337.50	20.3	10.3	51.2

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.2	13.2	73.8
22.50	20.5	10.9	53.2
45.00	23.2	11.9	58.9
67.50	48.7	13.9	90.4
90.00	74.9	15.0	119.9
112.50	56.9	18.1	111.2
135.00	27.9	14.2	70.5
157.50	51.8	14.1	94.1
180.00	25.6	8.8	52.0
202.50	16.5	8.3	41.4
225.00	12.6	6.8	33.0
247.50	26.7	11.0	59.7
270.00	24.8	8.9	51.5
292.50	36.7	12.3	73.6
315.00	38.3	12.9	77.0
337.50	24.9	8.5	50.4

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.5	5.5	26.0
22.50	14.0	6.8	34.4
45.00	25.0	7.2	46.6
67.50	34.2	9.5	62.7
90.00	57.8	9.5	86.3
112.50	48.6	15.2	94.2
135.00	16.7	9.8	46.1
157.50	28.2	12.6	66.0
180.00	21.7	9.0	48.7
202.50	27.9	9.8	57.3
225.00	23.7	6.6	43.5
247.50	13.3	6.1	31.6
270.00	11.0	5.2	26.6
292.50	12.9	6.9	33.6
315.00	10.3	5.8	27.7
337.50	18.2	7.0	39.2

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.8	7.0	33.8
22.50	19.5	7.4	41.7
45.00	33.7	7.9	57.4
67.50	50.3	10.3	81.2
90.00	68.5	10.6	100.3
112.50	71.3	12.4	108.5
135.00	36.2	16.1	84.5
157.50	30.5	11.6	65.3
180.00	38.2	12.6	76.0
202.50	43.1	10.2	73.7
225.00	38.3	8.1	62.6
247.50	25.7	7.5	48.2
270.00	21.1	8.0	45.1
292.50	24.6	7.4	46.8
315.00	25.8	7.0	46.8
337.50	11.2	7.1	32.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.3	3.9	19.0
22.50	9.2	4.6	23.0
45.00	16.6	7.4	38.8
67.50	24.3	8.9	51.0
90.00	29.4	12.1	65.7
112.50	32.3	15.1	77.6
135.00	30.6	19.3	88.5
157.50	8.1	4.9	22.8
180.00	10.7	5.8	28.1
202.50	13.2	7.4	35.4
225.00	10.0	6.7	30.1
247.50	7.7	5.1	23.0
270.00	6.9	4.6	20.7
292.50	9.6	7.1	30.9
315.00	7.9	6.5	27.4
337.50	3.8	2.2	10.4

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.0	7.6	37.8
22.50	10.1	6.4	29.3
45.00	10.1	6.4	29.3
67.50	23.1	10.5	54.6
90.00	39.8	12.3	76.7
112.50	40.2	12.0	76.2
135.00	37.8	14.4	81.0
157.50	28.6	8.4	53.8
180.00	17.8	7.7	40.9
202.50	10.3	5.2	25.9
225.00	20.3	8.1	44.6
247.50	22.3	6.5	41.8
270.00	21.8	6.7	41.9
292.50	25.0	10.0	55.0
315.00	20.5	9.8	49.9
337.50	18.9	8.0	42.9

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.1	6.2	28.7
22.50	11.7	7.6	34.5
45.00	6.6	5.2	22.2
67.50	11.2	5.5	27.7
90.00	26.6	9.0	53.6
112.50	24.1	8.5	49.6
135.00	12.7	6.3	31.6
157.50	27.3	7.7	50.4
180.00	17.8	6.3	36.7
202.50	14.0	6.3	32.9
225.00	10.5	6.0	28.5
247.50	4.7	2.5	12.2
270.00	4.3	2.4	11.5
292.50	8.6	5.6	25.4
315.00	11.6	5.8	29.0
337.50	8.8	5.0	23.8

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.3	8.9	41.0
22.50	24.7	12.2	61.3
45.00	21.2	10.6	53.0
67.50	28.2	10.8	60.6
90.00	28.3	12.0	64.3
112.50	17.5	8.0	41.5
135.00	11.5	6.9	32.2
157.50	23.5	11.6	58.3
180.00	21.8	8.5	47.3
202.50	17.0	7.5	39.5
225.00	8.7	4.4	21.9
247.50	6.9	3.2	16.5
270.00	8.7	4.1	21.0
292.50	7.0	4.3	19.9
315.00	5.9	3.4	16.1
337.50	6.9	4.2	19.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.0	6.2	34.6
22.50	14.8	5.4	31.0
45.00	8.2	4.8	22.6
67.50	20.6	12.0	56.6
90.00	80.5	12.5	118.0
112.50	77.1	14.7	121.2
135.00	12.7	8.0	36.7
157.50	34.1	13.1	73.4
180.00	23.7	6.8	44.1
202.50	20.6	6.8	41.0
225.00	8.2	4.6	22.0
247.50	11.2	4.0	23.2
270.00	11.3	4.6	25.1
292.50	13.3	6.9	34.0
315.00	14.1	7.3	36.0
337.50	21.4	7.8	44.8

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	6.9	4.8	21.3
22.50	2.6	2.2	9.2
45.00	2.5	1.5	7.0
67.50	2.9	1.6	7.7
90.00	4.9	3.0	13.9
112.50	5.6	3.4	15.8
135.00	2.8	1.7	7.9
157.50	4.5	2.8	12.9
180.00	1.3	.8	3.7
202.50	3.4	1.8	8.8
225.00	1.8	1.1	5.1
247.50	1.4	.7	3.5
270.00	4.8	3.5	15.3
292.50	6.6	4.9	21.3
315.00	4.5	3.5	15.0
337.50	6.8	4.7	20.9

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	5.1	1.9	10.8
22.50	3.1	1.5	7.6
45.00	3.9	1.9	9.6
67.50	8.6	3.7	19.7
90.00	17.7	4.9	32.4
112.50	18.1	5.2	33.7
135.00	5.3	2.4	12.5
157.50	8.7	3.6	19.5
180.00	5.9	2.5	13.4
202.50	4.1	2.1	10.4
225.00	2.2	1.2	5.8
247.50	2.5	1.2	6.1
270.00	3.5	1.6	8.3
292.50	5.4	2.6	13.2
315.00	5.4	2.5	12.9
337.50	6.8	2.6	14.6

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.6	6.2	37.2
22.50	14.7	5.9	32.4
45.00	12.1	5.9	29.8
67.50	21.7	7.8	45.1
90.00	38.7	9.9	68.4
112.50	40.4	10.3	71.3
135.00	17.0	7.6	39.8
157.50	29.2	10.4	60.4
180.00	30.2	7.7	53.3
202.50	24.1	7.6	46.9
225.00	10.2	4.5	23.7
247.50	8.7	3.8	20.1
270.00	15.7	5.2	31.3
292.50	21.6	7.3	43.5
315.00	31.8	6.9	52.5
337.50	28.9	7.4	51.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	26.5	6.0	44.5
22.50	14.8	7.6	37.6
45.00	14.4	7.2	36.0
67.50	42.8	12.0	78.8
90.00	76.6	13.7	117.7
112.50	74.2	14.4	117.4
135.00	20.1	10.0	50.1
157.50	39.8	13.4	80.0
180.00	29.6	9.1	56.9
202.50	19.6	8.9	46.3
225.00	8.7	4.9	23.4
247.50	12.6	5.1	27.9
270.00	21.0	6.1	39.3
292.50	30.3	7.8	53.7
315.00	31.1	7.9	54.8
337.50	33.8	7.5	56.3

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NEW YORK,NEW YORK JOHN F. KENNEDY INTERNATIONAL AP (65-74)

SEASON : ANNUAL NO. OF OBS.= 29216 HT. OF MEAS.= 984. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 7	8-13	14-22	23-33	34-42	43-50	51-58	59-66	67 +	TOTAL
N	.10	1.00	2.90	3.00	.60	.20	.01	0.00	0.00	7.81
NNE	.10	.90	2.10	1.40	.30	.10	.01	.01	0.00	4.92
NE	.20	1.30	1.90	1.30	.30	.10	.01	0.00	0.00	5.11
ENE	.30	1.50	1.60	.90	.30	.02	.01	0.00	0.00	4.72
E	.40	1.50	1.60	1.20	.30	.10	.01	.01	0.00	5.12
ESE	.20	.80	1.00	.60	.10	.02	.01	0.00	0.00	2.73
SE	.10	.70	1.10	.70	.10	.02	0.00	0.00	0.00	2.72
SSE	.20	.70	1.30	.80	.10	.02	.01	.01	0.00	3.14
S	.30	1.80	5.70	5.40	1.20	.20	.01	0.00	0.00	14.61
SSW	.20	1.20	2.80	1.80	.30	.10	.01	0.00	0.00	6.41
SW	.10	1.40	2.90	1.20	.20	.02	0.00	0.00	0.00	0.00
WSW	.20	1.50	3.60	2.00	.30	.10	.01	.01	0.00	7.72
W	.10	1.10	2.60	3.10	1.40	.40	.10	.01	.01	8.82
WNW	.10	.40	1.20	2.20	1.10	.30	.10	.01	0.00	5.41
NW	.10	.50	2.00	3.90	1.90	.50	.10	.01	0.00	9.01
NNW	.10	.50	1.80	2.50	.70	.10	.01	.01	0.00	5.72
CALM	.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.40
TOT	3.10	16.80	36.10	32.00	9.20	2.30	.41	.08	.01	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

	Beaufort number	Speed (mph)	Effects
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 ANSI A58.1 (ref 6):

   50-yr fastest mile at 30 ft = 80 mph

   Mean hourly wind speed, 30 ft = 80/1.27 = 63.0 mph

   Mean hourly gradient wind speed = $63.0\ (\frac{1000}{30})^{.17}$ = 114.3 mph

   Reference wind speed U_∞ in wind-tunnel was obtained at 1250 ft.

   Reference wind speed $U_\infty = 114\ (\frac{1250}{1400})^{0.17}$ = 112 mph

   Reference pressure = $0.5\ \rho U_\infty^2 = (0.00256)(112)^2 = \underline{32.2\ psf}$

   Use 32 psf

2. Loads for 100-yr recurrence wind:

   100 yr fastest mile at 30 ft = 90 mph (ref 6)

   Multiply 50 yr loads by $(\frac{90}{80})^2 = 1.27$

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

Gust Duration, sec	Gust Load Factor
10-15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$

   A gust factor for 30 sec duration was used in Table 7.

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : U. N. DEV. CORP. PHASE II BUILDING, NEW YORK
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 32 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
1101	250	1.09	34.9	34.2
1102	120	1.55	49.6	49.6
1103	130	1.36	43.6	29.7
1104	130	1.81	57.8	26.1
1105	120	1.10	35.2	35.0
1106	120	2.02	64.7	15.9
1107	120	1.83	58.6	10.6
1108	210	1.30	41.4	41.4
1109	130	1.23	39.2	13.2
1110	120	1.17	37.3	8.8
1111	250	1.37	43.9	37.8
1112	180	1.23	39.5	39.5
1113	180	1.17	37.3	37.3
1114	120	1.34	42.8	13.9
1115	160	.98	31.3	7.3
1116	210	1.65	52.9	34.9
1117	120	1.25	40.0	37.0
1118	170	1.45	46.4	46.4
1119	290	1.31	41.8	30.3
1120	200	1.34	42.9	42.9
1121	200	1.28	40.9	40.9
1122	120	1.29	41.2	33.8
1123	130	1.27	40.8	17.6
1124	130	1.31	41.9	7.1
1125	290	1.91	61.2	32.2
1126	290	1.78	56.9	30.9
1127	290	1.69	54.0	32.9
1128	300	1.53	48.9	32.2
1129	300	1.17	37.5	34.3
1130	160	1.45	46.4	46.4
1131	120	1.26	40.3	9.5
1132	110	1.20	38.3	5.8
1133	300	1.72	55.0	25.4
1134	300	1.52	48.5	26.7
1135	300	1.33	42.7	30.4
1136	300	1.38	44.0	36.2
1137	300	1.22	39.1	34.3
1138	110	1.56	50.0	36.2
1139	110	1.49	47.8	8.0
1140	110	1.41	45.0	4.4
1141	300	1.46	46.6	25.3
1142	310	1.57	50.3	21.2
1143	150	1.69	54.0	25.1
1144	300	1.34	42.9	20.2
1145	290	1.19	38.1	19.3
1146	100	1.23	39.3	25.0
1147	100	1.12	35.9	15.0
1148	100	1.06	33.8	17.8
1149	290	1.37	43.8	15.0
1150	290	1.44	46.0	17.7
1151	160	1.62	51.8	22.2
1152	290	1.03	33.1	10.2
1153	290	.89	28.6	11.4
1154	90	1.20	38.4	15.5
1155	80	1.63	52.1	13.0
1156	100	1.64	52.4	8.9
1157	20	1.04	33.3	10.5
1158	10	1.23	39.5	10.7
1159	110	1.16	37.0	12.1
1160	10	1.97	63.1	7.2
1161	20	1.60	51.1	9.9
1162	10	.83	26.6	7.7
1163	110	.78	25.1	25.1
1164	200	.63	20.2	20.2
1165	110	1.05	33.8	26.0
1166	70	1.02	32.5	19.2
1167	110	.91	29.2	15.9
1168	300	1.16	37.2	11.4
1169	10	.67	21.6	10.3
1170	10	.88	28.1	19.4
1171	180	.57	18.1	18.1
1172	210	.48	15.3	15.3
1201	30	2.09	66.7	31.4
1202	40	1.52	48.6	34.2
1203	40	1.52	48.7	32.6
1204	190	1.34	42.7	31.4
1205	210	1.47	47.1	30.7
1206	220	2.08	66.5	37.8
1207	20	1.61	51.5	31.9
1208	20	1.69	54.0	33.3
1209	210	1.25	40.0	38.9
1210	210	1.31	41.8	36.3
1211	220	2.13	68.1	31.5
1212	220	1.87	59.7	31.3
1213	40	1.96	62.6	27.2
1214	40	1.67	53.3	34.0
1215	50	1.30	41.7	34.0
1216	210	1.25	39.9	35.0
1217	220	1.50	48.1	27.4
1218	220	1.56	49.8	34.1
1219	30	2.08	66.5	30.7
1220	40	2.36	75.6	32.1
1221	200	1.41	45.0	28.9
1222	220	2.17	69.6	35.2
1223	40	1.91	61.2	28.4
1224	50	2.36	75.5	29.4
1225	40	1.38	44.3	35.4
1226	210	1.36	43.6	35.2
1227	220	1.45	46.5	30.0
1228	210	1.81	58.0	31.5
1229	50	2.19	69.9	26.9
1230	40	2.06	65.8	29.5
1231	30	1.49	47.7	32.0
1232	190	1.40	44.9	36.7
1233	210	1.41	45.3	30.7
1234	210	1.68	53.7	23.4
1235	40	1.85	59.1	20.2
1236	40	1.95	62.4	23.4
1237	30	1.35	43.1	29.4
1238	210	1.27	40.5	28.9
1239	220	1.24	39.6	22.6
1240	230	1.28	40.8	20.0
1241	40	1.95	62.5	19.7
1242	40	2.48	79.4	17.8
1243	50	1.11	35.5	26.4
1244	200	1.39	44.6	24.5
1245	230	1.33	42.6	22.1
1246	230	1.76	56.2	15.4
1247	50	2.18	69.9	13.2
1248	40	1.75	55.9	11.8
1249	70	.88	28.3	20.8
1250	200	1.94	62.0	21.5
1251	200	1.46	46.9	18.5
1252	210	1.60	51.1	12.3
1253	40	1.31	41.8	21.9
1254	50	1.46	46.7	5.2
1255	50	1.91	61.2	10.5
1256	50	1.94	62.1	6.2
1257	50	1.60	51.2	3.6
1258	90	.71	22.9	17.5
1259	210	1.35	43.2	20.1
1260	210	2.55	81.5	7.2
1261	200	2.00	63.9	10.4
1262	70	1.58	50.7	16.6
1263	60	1.23	39.4	6.8
1264	90	1.11	35.5	3.1
1265	110	1.49	47.8	3.1
1266	110	1.62	51.8	3.7
1267	110	1.15	36.9	7.8
1268	110	.61	19.7	9.4
1269	170	.88	28.1	15.9
1270	180	2.19	70.2	6.4
1271	180	2.02	64.6	6.0
1272	90	1.37	43.9	4.6
1273	70	.96	30.6	7.8
1274	120	.77	24.8	11.6
1275	300	.55	17.6	17.6
1276	300	.57	18.3	18.3
1277	180	1.22	38.9	7.6
1278	160	1.51	48.3	7.1

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : U. N. DEV. CORP. PHASE II BUILDING, NEW YORK
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 32 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
1279	300	.72	23.1	23.1
1280	300	.70	22.5	22.5
1281	170	1.05	33.6	13.0
1301	100	1.68	53.8	37.0
1302	310	1.51	48.3	34.8
1303	320	1.48	47.4	34.7
1304	70	2.01	64.5	36.5
1305	130	2.25	72.2	41.8
1306	320	1.53	49.0	42.4
1307	330	1.49	47.7	41.0
1308	130	1.82	58.3	39.8
1309	70	1.79	57.2	38.1
1310	310	1.47	47.0	36.8
1311	130	1.63	52.2	34.6
1312	110	1.50	48.0	37.4
1313	110	1.80	57.7	31.2
1314	130	1.91	61.0	31.3
1315	130	1.90	60.8	33.1
1316	90	1.65	52.7	38.7
1317	300	1.59	50.8	33.1
1318	110	1.64	52.6	34.2
1319	300	2.05	65.7	35.6
1320	130	1.86	59.7	25.2
1321	130	1.85	59.1	32.1
1322	110	1.55	49.7	35.1
1323	300	1.79	57.3	32.1
1324	70	1.74	55.6	21.3
1325	130	1.98	63.4	25.4
1326	120	1.63	52.2	27.3
1327	300	1.83	58.7	32.6
1328	130	1.57	50.1	29.0
1329	100	2.07	66.3	16.3
1330	100	1.99	63.7	14.4
1331	100	1.57	50.2	11.9
1332	300	1.62	51.7	25.6
1333	300	1.60	51.1	28.8
1334	110	3.02	96.6	16.2
1335	100	2.18	69.7	15.6
1336	110	1.00	32.1	17.4
1337	300	1.91	61.2	27.9
1338	310	2.04	65.3	21.8
1339	100	2.18	69.9	24.7
1340	100	2.02	64.7	17.2
1341	300	1.17	37.4	14.5
1342	250	1.22	39.1	22.4
1343	300	1.61	51.6	26.9
1344	120	1.63	52.1	18.8
1345	100	1.21	38.6	12.8
1346	40	.91	29.2	5.9
1347	290	.98	31.2	14.8
1348	310	1.20	38.3	21.2
1349	170	.76	24.3	9.3
1350	170	.83	26.4	8.7
1351	170	.59	18.9	7.2
1353	170	1.03	33.1	6.2
1354	170	1.12	35.8	9.9
1355	170	.72	23.0	8.1
1356	170	.66	21.1	7.2
1357	210	.64	20.6	7.0
1358	200	.96	30.8	5.7
1359	170	.60	19.1	9.7
1360	170	.50	16.1	8.9
1361	180	.51	16.3	10.2
1362	290	.70	22.4	13.4
1401	190	2.15	68.7	15.6
1402	200	1.60	51.2	20.6
1403	240	.94	30.2	22.7
1404	40	1.19	38.1	30.6
1405	40	1.41	45.2	33.4
1406	160	1.56	49.8	9.0
1407	200	1.50	47.9	17.9
1408	180	1.31	41.8	38.4
1409	50	1.26	40.2	39.1
1410	50	1.25	40.1	38.9
1411	210	1.82	58.4	7.7
1412	230	1.79	57.3	15.3
1413	70	1.21	38.8	38.8
1414	40	1.26	40.4	40.2
1415	40	1.23	39.3	38.7
1416	210	1.77	56.6	9.1
1417	210	1.71	54.8	13.8
1418	170	1.16	37.1	34.2
1419	30	1.32	42.3	36.2
1420	30	1.70	54.3	33.6
1421	160	1.72	54.9	5.3
1422	160	1.66	53.1	8.4
1423	130	1.17	37.4	37.4
1424	20	1.41	45.0	38.0
1425	80	1.14	36.4	36.4
1426	190	1.53	48.9	5.0
1427	170	1.55	49.7	6.4
1428	120	1.10	35.1	35.1
1429	10	1.55	49.6	32.6
1430	10	1.38	44.1	28.0
1431	170	1.84	59.0	2.6
1432	170	1.63	52.1	5.9
1433	20	.99	31.5	28.5
1434	10	.93	29.7	26.7
1435	170	1.45	46.5	18.5
1436	210	.90	28.7	28.0
1437	10	1.00	32.0	24.2
1438	10	1.14	36.6	21.6
1439	330	1.06	34.0	26.4
1440	160	1.63	52.2	5.1
1441	170	1.65	52.7	2.1
1442	20	.68	21.7	11.9
1443	10	1.20	38.2	8.8
1444	10	1.13	36.2	7.2
1445	170	1.31	41.9	4.2
1446	170	.88	28.1	4.7
1447	70	.62	19.9	19.9
1448	310	.60	19.1	12.5
1449	290	.61	19.5	11.1
1450	180	.89	28.4	10.5
1451	80	1.07	34.1	9.5
1452	100	1.03	33.0	5.3
1453	170	.98	31.4	2.3
1454	20	.84	27.0	27.0
1455	170	.46	14.8	14.0
1456	310	.64	20.4	14.2
1901	100	.71	22.8	17.2
1902	170	1.06	33.8	24.8
1903	80	.68	21.8	21.8
1904	120	.78	25.1	25.1
1905	120	1.18	37.9	14.1
1906	40	1.33	42.6	20.7
2101	100	2.37	75.7	35.6
2102	90	1.81	58.0	34.1
2103	130	1.71	54.8	32.1
2104	130	1.52	48.7	35.3
2105	130	1.80	57.5	45.4
2106	120	1.52	48.7	28.6
2107	120	1.59	50.9	30.9
2108	120	1.33	42.7	34.8
2109	130	2.36	75.7	37.8
2110	130	2.02	64.6	30.2
2111	80	2.41	77.0	18.0
2112	90	1.47	47.0	21.0
2113	110	1.32	42.2	24.4
2114	130	2.36	75.5	32.0
2115	130	2.03	64.9	25.0
2116	10	.80	25.6	14.3
2117	20	.58	18.5	11.4
2118	100	1.08	34.6	10.3
2119	100	1.47	47.1	8.7
2120	90	1.40	44.9	20.4
2121	100	1.56	50.1	12.1
2201	190	3.50	112.1	36.9
2202	180	1.97	63.0	35.4
2203	40	2.57	82.3	35.4

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : U. N. DEV. CORP. PHASE II BUILDING, NEW YORK
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 32 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
2204	40	2.28	73.0	14.0
2205	180	1.83	58.5	32.1
2206	40	1.99	63.5	33.7
2207	130	1.78	57.1	40.5
2208	150	2.20	70.5	27.7
2209	30	1.82	58.4	32.2
2210	20	1.78	57.0	20.1
2211	30	1.27	40.7	24.8
2212	30	1.16	37.2	31.5
2301	130	1.55	49.5	36.0
2302	300	1.40	44.7	33.0
2303	160	1.32	42.2	31.5
2304	160	1.12	36.0	31.3
2305	150	1.24	39.8	31.3
2306	150	1.79	57.2	31.4
2307	150	1.38	44.2	24.2
2308	190	1.23	39.3	32.7
2309	80	1.11	35.5	35.5
2310	70	1.04	33.3	33.3
2311	40	1.04	33.4	33.4
2312	40	.96	30.9	30.9
2313	30	1.04	33.3	33.3
2314	160	1.03	33.0	24.4
2315	130	1.66	53.0	33.4
2316	200	1.86	59.5	31.3
2317	70	.99	31.6	31.6
2318	70	.92	29.3	29.3
2319	30	.74	23.8	23.8
2320	300	.84	26.8	18.0
2321	300	.84	26.7	12.8
2322	220	.88	28.2	21.6
2323	220	.90	28.7	17.1
2324	10	.71	22.6	22.6
2325	10	.73	23.2	23.2
2326	210	.93	29.7	14.7
2327	210	.79	25.4	10.6
2401	120	2.39	76.5	10.9
2402	110	1.75	56.2	12.5
2403	150	1.56	50.0	27.0
2404	240	1.69	54.2	31.6
2405	120	2.35	75.3	9.3
2406	120	1.86	59.4	13.1
2407	210	1.20	38.5	23.1
2408	300	1.58	50.5	26.4
2409	110	1.95	62.4	4.4
2410	110	1.82	58.1	9.6
2411	200	1.11	35.6	13.7
2412	290	1.29	41.3	14.1
2413	90	1.63	52.3	7.5
2414	90	1.05	33.4	9.7
2415	170	1.19	38.0	13.0
2416	160	1.40	44.7	15.3

TABLE 6 : PEAK LOADS FOR CONFIGURATION B : U. N. DEV. CORP. PHASE II BUILDING, NEW YORK
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 32 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)	TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)	TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
1334	106	3.03	97.0	13.2	2110	132	2.22	70.9	25.2	2201	184	2.65	84.8	29.5
2109	132	1.71	54.7	34.4										

TABLE 6 -- PEAK ABSOLUTE LOADS- CONFIGURATIONS A & B-U. N. DEV. CORP. PHASE II BUILDING, NEW YORK
TAPS WHERE PEAK LOADS FOR CONFIGURATION B EXCEED THOSE FOR A BY 5.0 PSF OR MORE - REF. PRESS. = 32 PSF

CONFIGURATION A				CONFIGURATION B				DIFFERENCE		
TAP	AZIMUTH	PRESS COEFF	PSF LOAD	TAP	AZIMUTH	PRESS COEFF	PSF LOAD	TAP	PRESS COEFF	PSF LOAD
2110	130	2.02	64.6	2110	132	2.22	70.9	2110	.20	6.3

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
CONFIGURATION A REFERENCE PRESSURE 32.0 GUST FACTOR 1.32

AZIMUTH DEGREES	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
0	346.7	-749.4	216.0	115.4	32.4
10	232.2	-1073.5	311.2	82.4	41.6
20	-225.4	-1098.8	320.0	-54.1	36.3
30	-489.2	-926.9	275.5	-139.2	28.4
40	-678.7	-700.4	202.1	-204.5	23.3
50	-756.6	-571.5	166.8	-230.2	15.5
60	-1021.2	-332.0	82.6	-290.1	17.7
70	-1326.9	-425.1	97.1	-365.2	28.1
80	-1541.6	-416.4	72.0	-418.3	34.5
90	-1441.0	-260.2	20.5	-394.3	41.6
100	-1231.1	-86.6	-23.6	-347.5	46.2
110	-1129.5	-12.3	-32.7	-326.5	43.5
120	-1087.5	102.3	-46.1	-314.6	32.0
130	-835.9	247.2	-78.0	-243.0	9.9
140	-580.6	449.6	-130.7	-180.4	-26.5
150	-620.1	682.9	-194.2	-188.5	-53.7
160	-639.8	873.2	-238.8	-186.9	-72.3
170	-395.2	954.2	-242.6	-104.5	-75.8
180	-394.0	850.4	-216.0	-102.8	-68.2
190	-466.5	729.6	-193.0	-139.7	-63.9
200	-624.6	858.4	-228.0	-193.1	-77.8
210	-537.7	840.4	-220.5	-172.9	-76.1
220	-54.2	569.7	-145.0	-36.3	-37.8
230	241.9	525.2	-140.7	61.7	-15.5
240	299.4	338.1	-91.4	93.9	-4.8
250	462.6	269.1	-77.7	157.6	9.6
260	180.9	180.9	-49.2	61.3	-2.0
270	206.9	61.3	-14.8	72.2	4.5
280	551.3	40.6	-5.4	167.2	17.6
290	1338.5	-7.4	-.8	411.2	44.3
300	1512.3	-20.3	5.9	486.0	54.9
310	1425.7	-8.7	-11.9	451.7	47.1
320	1229.3	-14.1	-21.0	364.8	40.5
330	838.3	-149.9	33.3	266.7	27.9
340	726.9	-223.8	50.6	228.9	23.9
350	402.6	-365.5	102.1	129.9	20.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-7.0	-15.3	3404	2573	-2.0	-6.0	346.7	-749.4	216.0	115.4	32.4
2	19.00	-1.8	-9.5	2240	1146	-.8	-8.3	353.7	-734.0	201.9	108.7	31.7
3	31.50	-.0	-10.2	2240	1146	-.0	-8.9	355.5	-724.5	192.8	104.3	31.2
4	44.00	1.5	-10.6	2240	1146	.7	-9.2	355.5	-714.4	183.8	99.8	30.7
5	56.50	2.6	-10.9	2240	1146	1.2	-9.5	354.0	-703.8	174.9	95.4	30.2
6	69.00	3.7	-11.2	2240	1146	1.6	-9.8	351.3	-692.9	166.2	91.0	29.7
7	81.50	5.5	-11.2	2240	1146	2.5	-9.8	347.6	-681.6	157.6	86.6	28.7
8	94.00	7.3	-11.2	2240	1146	3.3	-9.7	342.1	-670.4	149.2	82.3	27.7
9	106.50	9.1	-11.1	2240	1146	4.1	-9.7	334.8	-659.3	140.9	78.1	26.7
10	119.00	8.3	-11.7	2240	1146	3.7	-10.2	325.7	-648.2	132.7	74.0	26.0
11	131.50	3.0	-14.2	2194	1146	1.4	-12.4	317.4	-636.5	124.7	69.9	25.4
12	144.00	6.0	-16.0	2103	1146	2.8	-14.0	314.4	-622.3	116.8	66.0	24.8
13	156.50	8.0	-16.5	2057	1146	3.9	-14.4	308.4	-606.3	109.1	62.1	24.0
14	169.00	8.2	-16.5	2057	1146	4.0	-14.4	300.4	-589.8	101.6	58.3	23.3
15	181.50	8.4	-16.4	2057	1146	4.1	-14.3	292.2	-573.4	94.4	54.6	22.5
16	194.00	8.5	-16.4	2057	1146	4.1	-14.3	283.8	-556.9	87.4	51.0	21.8
17	206.50	8.7	-16.3	2057	1146	4.2	-14.2	275.3	-540.6	80.4	47.5	20.9
18	219.00	8.5	-17.5	2057	1146	4.1	-15.3	266.6	-524.3	73.8	44.1	20.2
19	231.50	8.3	-18.7	2057	1146	4.0	-16.3	258.2	-506.8	67.3	40.8	19.3
20	244.00	8.1	-19.9	2057	1146	3.9	-17.4	249.9	-488.1	61.1	37.6	18.7
21	256.50	7.9	-21.2	2057	1146	3.8	-18.5	241.8	-468.2	55.1	34.6	17.3
22	269.00	7.7	-22.4	2057	1146	3.7	-19.5	234.0	-447.0	49.4	31.6	16.4
23	281.50	7.6	-23.8	2057	1146	3.7	-20.7	226.3	-424.6	44.0	28.7	15.4
24	294.00	7.5	-25.2	2057	1146	3.7	-22.0	218.7	-400.9	38.8	25.9	14.4
25	306.50	7.4	-26.6	2057	1146	3.6	-23.2	211.2	-375.7	34.0	23.2	13.3
26	319.00	7.3	-28.0	2057	1146	3.6	-24.4	203.7	-349.1	29.4	20.6	12.1
27	331.50	9.5	-28.3	2057	1108	4.6	-25.6	196.4	-321.2	25.3	18.5	11.2
28	344.00	11.1	-27.6	2057	1034	5.4	-26.7	186.9	-292.8	21.4	15.5	10.2
29	356.50	26.3	-55.8	4361	1945	6.0	-28.7	175.8	-265.2	17.9	13.5	9.2
30	383.00	10.1	-18.1	1564	615	6.5	-29.4	149.5	-209.4	11.6	9.7	7.2
31	392.50	10.3	-17.6	1564	594	6.6	-29.7	139.4	-191.3	9.8	7.6	6.7
32	402.00	10.6	-17.7	1564	594	6.8	-29.8	129.0	-173.7	8.0	6.5	6.1
33	411.50	10.9	-17.7	1564	594	7.0	-29.8	118.4	-156.0	6.5	5.4	5.5
34	421.00	11.2	-17.9	1564	594	7.1	-30.1	107.5	-138.3	5.3	4.3	4.9
35	430.50	11.8	-18.1	1564	594	7.6	-30.4	96.4	-120.4	4.2	3.4	4.4
36	440.00	12.5	-18.2	1564	594	8.0	-30.7	84.6	-102.4	3.2	2.7	3.3
37	449.50	13.2	-18.4	1564	594	8.5	-31.0	72.0	-84.1	1.9	1.7	3.6
38	459.00	14.0	-18.6	1564	594	8.9	-31.3	58.8	-65.7	1.2	1.1	2.4
39	468.50	14.8	-17.7	1564	594	9.5	-29.8	44.8	-47.1	.6	.6	1.8
ROOF	478.00	30.0	-29.4	2798	1063	10.7	-27.7	30.0	-29.4	.3	.3	1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-20.1	-24.2	3404	2573	-5.9	-9.4	232.2	-1073.5	311.2	82.4	41.6
2	19.00	-9.1	-11.9	2240	1146	-4.1	-10.4	252.3	-1049.3	291.0	77.8	40.8
3	31.50	-5.8	-12.3	2240	1146	-2.6	-10.7	261.4	-1037.5	278.0	74.6	40.0
4	44.00	-2.6	-12.9	2240	1146	-1.2	-11.2	267.3	-1025.1	265.1	71.3	39.0
5	56.50	-.4	-13.5	2240	1146	-.2	-11.7	269.8	-1012.3	252.4	67.9	38.1
6	69.00	1.5	-14.0	2240	1146	.7	-12.2	270.3	-998.8	239.8	64.5	37.2
7	81.50	3.6	-14.2	2240	1146	1.6	-12.4	268.8	-984.8	227.4	61.2	36.4
8	94.00	5.8	-14.3	2240	1146	2.6	-12.5	265.2	-970.6	215.2	57.8	35.5
9	106.50	7.9	-14.5	2240	1146	3.5	-12.6	259.4	-956.3	203.1	54.6	34.7
10	119.00	6.5	-15.8	2240	1146	2.9	-13.8	251.5	-941.8	191.3	51.4	33.9
11	131.50	-.8	-20.4	2194	1146	-.4	-17.8	245.0	-926.0	179.6	48.3	33.1
12	144.00	4.9	-22.9	2103	1146	2.3	-20.0	245.7	-905.6	168.2	45.2	32.4
13	156.50	9.0	-23.8	2057	1146	4.4	-20.8	240.9	-882.7	157.0	42.1	31.4
14	169.00	9.6	-24.2	2057	1146	4.7	-21.1	231.9	-858.9	146.1	39.2	30.4
15	181.50	10.3	-24.6	2057	1146	5.0	-21.5	222.3	-834.7	135.5	36.4	29.3
16	194.00	10.9	-25.0	2057	1146	5.3	-21.8	212.0	-810.1	125.2	33.6	28.1
17	206.50	11.6	-25.4	2057	1146	5.6	-22.2	201.1	-785.1	115.3	31.1	26.9
18	219.00	10.6	-27.4	2057	1146	5.2	-23.9	189.5	-759.7	105.6	28.6	25.6
19	231.50	9.7	-29.4	2057	1146	4.7	-25.6	178.9	-732.3	96.3	26.3	24.3
20	244.00	8.7	-31.3	2057	1146	4.2	-27.3	169.2	-703.0	87.3	24.1	22.9
21	256.50	7.8	-33.3	2057	1146	3.8	-29.1	160.5	-671.6	78.7	22.1	21.5
22	269.00	7.0	-34.6	2057	1146	3.4	-30.2	152.7	-638.3	70.5	20.1	20.1
23	281.50	6.6	-35.8	2057	1146	3.2	-31.2	145.7	-603.8	62.8	18.3	18.7
24	294.00	6.1	-37.0	2057	1146	3.0	-32.3	139.1	-568.0	55.4	16.5	17.3
25	306.50	5.6	-38.2	2057	1146	2.7	-33.4	133.0	-531.0	48.6	14.8	15.9
26	319.00	5.2	-39.5	2057	1146	2.5	-34.4	127.3	-492.7	42.2	13.2	14.4
27	331.50	6.2	-40.4	2057	1108	3.0	-36.4	122.2	-453.3	36.2	11.6	13.0
28	344.00	6.7	-38.6	2057	1034	3.3	-37.4	115.9	-412.9	30.5	10.1	11.7
29	356.50	14.3	-73.4	4361	1945	3.3	-37.7	109.2	-374.3	25.0	8.7	10.5
30	383.00	5.6	-24.8	1564	615	3.6	-40.3	94.9	-300.9	17.0	6.0	8.4
31	392.50	6.0	-24.5	1564	594	3.8	-41.3	89.3	-276.1	14.2	5.1	7.7
32	402.00	6.3	-24.8	1564	594	4.0	-41.8	83.3	-251.6	11.7	4.3	7.0
33	411.50	6.5	-25.1	1564	594	4.2	-42.3	77.0	-226.8	9.5	3.5	6.3
34	421.00	6.8	-25.5	1564	594	4.4	-42.9	70.4	-201.6	7.4	2.8	5.6
35	430.50	7.5	-25.8	1564	594	4.8	-43.5	63.6	-176.2	5.6	2.2	5.0
36	440.00	8.2	-26.2	1564	594	5.2	-44.2	56.2	-150.4	4.1	1.6	4.3
37	449.50	8.9	-26.6	1564	594	5.7	-44.8	48.0	-124.1	2.8	1.1	3.6
38	459.00	9.6	-27.0	1564	594	6.1	-45.4	39.1	-97.5	1.7	.7	2.9
39	468.50	10.2	-26.1	1564	594	6.5	-44.0	29.5	-70.6	.9	.4	2.1
ROOF	478.00	19.3	-44.4	2798	1063	6.9	-41.8	19.3	-44.4	.4	.2	1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-28.5	-24.7	3404	2573	-8.4	-9.6	-225.4	-1098.8	320.0	-54.1	36.3
2	19.00	-15.2	-12.0	2240	1146	-6.8	-10.5	-196.9	-1074.2	299.4	-50.1	35.7
3	31.50	-12.6	-12.5	2240	1146	-5.6	-10.9	-181.7	-1062.1	286.0	-47.8	35.0
4	44.00	-10.1	-13.1	2240	1146	-4.5	-11.4	-169.1	-1049.6	272.8	-45.6	34.1
5	56.50	-8.9	-13.7	2240	1146	-4.0	-11.9	-159.0	-1036.5	259.8	-43.5	33.2
6	69.00	-7.8	-14.0	2240	1146	-3.5	-12.2	-150.1	-1022.8	246.9	-41.6	32.4
7	81.50	-5.9	-13.5	2240	1146	-2.6	-11.8	-142.3	-1008.9	234.2	-39.8	31.6
8	94.00	-3.9	-13.0	2240	1146	-1.7	-11.3	-136.4	-995.4	221.7	-38.0	30.9
9	106.50	-1.9	-12.5	2240	1146	-.9	-10.9	-132.5	-982.4	209.3	-36.3	30.1
10	119.00	-3.2	-13.5	2240	1146	-1.4	-11.8	-130.6	-969.9	197.1	-34.7	29.4
11	131.50	-9.8	-20.0	2194	1146	-4.4	-17.5	-127.4	-956.4	185.1	-33.1	28.6
12	144.00	-3.5	-24.0	2103	1146	-1.7	-21.0	-117.6	-936.3	173.3	-31.6	28.0
13	156.50	1.1	-25.3	2057	1146	.5	-22.1	-114.1	-912.3	161.7	-30.1	27.3
14	169.00	2.4	-25.5	2057	1146	1.1	-22.3	-115.2	-887.0	150.5	-28.7	26.4
15	181.50	3.6	-25.7	2057	1146	1.8	-22.5	-117.6	-861.5	139.5	-27.2	25.4
16	194.00	4.9	-26.0	2057	1146	2.4	-22.7	-121.2	-835.8	128.9	-25.7	24.3
17	206.50	6.1	-26.2	2057	1146	3.0	-22.9	-126.1	-809.8	118.6	-24.2	23.2
18	219.00	4.2	-28.1	2057	1146	2.1	-24.5	-132.2	-783.6	108.7	-22.6	22.0
19	231.50	2.4	-29.9	2057	1146	1.2	-26.1	-136.5	-755.6	99.1	-20.9	20.8
20	244.00	.5	-31.8	2057	1146	.3	-27.8	-138.9	-725.6	89.8	-19.2	19.5
21	256.50	-1.3	-33.7	2057	1146	-.6	-29.4	-139.4	-693.8	80.9	-17.4	18.1
22	269.00	-3.0	-35.1	2057	1146	-1.4	-30.7	-138.1	-660.1	72.5	-15.7	16.7
23	281.50	-4.2	-36.7	2057	1146	-2.0	-32.0	-135.1	-625.0	64.4	-14.0	15.4
24	294.00	-5.4	-38.3	2057	1146	-2.6	-33.4	-130.9	-588.3	56.8	-12.3	14.0
25	306.50	-6.7	-39.8	2057	1146	-3.2	-34.7	-125.5	-550.0	49.7	-10.7	12.6
26	319.00	-7.9	-41.4	2057	1146	-3.8	-36.1	-118.9	-510.2	43.1	-9.2	11.3
27	331.50	-9.5	-42.8	2057	1108	-4.6	-38.7	-111.0	-468.8	37.0	-7.8	10.0
28	344.00	-10.1	-41.1	2057	1034	-4.9	-39.8	-101.4	-426.0	31.4	-6.4	8.8
29	356.50	-21.7	-77.1	4361	1945	-5.0	-39.7	-91.3	-384.9	26.3	-5.2	7.7
30	383.00	-7.7	-26.4	1564	615	-5.0	-42.9	-69.6	-307.7	17.1	-3.1	6.5
31	392.50	-7.8	-26.0	1564	594	-5.0	-43.8	-61.8	-281.4	14.4	-2.5	5.5
32	402.00	-7.9	-26.1	1564	594	-5.1	-43.9	-54.1	-255.4	11.8	-1.9	5.0
33	411.50	-8.1	-26.2	1564	594	-5.2	-44.1	-46.2	-229.3	9.5	-1.4	4.5
34	421.00	-8.3	-26.3	1564	594	-5.3	-44.3	-38.0	-203.1	7.4	-1.0	4.1
35	430.50	-7.4	-26.4	1564	594	-4.7	-44.4	-29.8	-176.8	5.6	-.7	3.6
36	440.00	-6.3	-26.5	1564	594	-4.0	-44.6	-22.4	-150.5	4.1	-.5	3.2
37	449.50	-5.2	-26.5	1564	594	-3.3	-44.7	-16.0	-124.0	2.8	-.3	2.7
38	459.00	-4.2	-26.6	1564	594	-2.7	-44.8	-10.8	-97.5	1.7	-.2	2.1
39	468.50	-3.1	-26.0	1564	594	-2.0	-43.8	-6.6	-70.9	.9	-.1	1.6
ROOF	478.00	-3.5	-44.8	2798	1063	-1.3	-42.2	-3.5	-44.8	.4	-.0	1.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-23.4	-18.7	3404	2573	-6.9	-7.3	-489.2	-926.9	275.5	-139.2	28.4
2	19.00	-14.1	-10.4	2240	1146	-6.3	-9.0	-465.8	-908.3	258.1	-130.2	27.6
3	31.50	-12.7	-10.7	2240	1146	-5.7	-9.3	-451.7	-897.9	246.8	-124.4	27.0
4	44.00	-11.3	-10.7	2240	1146	-5.0	-9.4	-439.0	-887.3	235.6	-118.9	26.3
5	56.50	-11.1	-10.8	2240	1146	-5.0	-9.4	-427.7	-876.5	224.6	-113.5	25.5
6	69.00	-11.2	-10.7	2240	1146	-5.0	-9.3	-416.6	-865.7	213.7	-108.2	24.9
7	81.50	-9.9	-10.0	2240	1146	-4.4	-8.7	-405.3	-855.0	202.9	-103.0	24.3
8	94.00	-8.6	-9.2	2240	1146	-3.8	-8.1	-395.4	-845.1	192.3	-98.0	23.7
9	106.50	-7.2	-8.5	2240	1146	-3.2	-7.4	-386.9	-835.8	181.8	-93.1	23.2
10	119.00	-8.9	-9.3	2240	1146	-4.0	-8.1	-379.6	-827.3	171.4	-88.4	22.6
11	131.50	-15.2	-15.0	2194	1146	-6.9	-13.1	-370.8	-818.1	161.1	-83.7	22.1
12	144.00	-9.5	-19.0	2103	1146	-4.5	-16.6	-355.5	-803.1	151.0	-79.1	21.7
13	156.50	-5.4	-20.4	2057	1146	-2.6	-17.8	-346.0	-784.1	141.1	-74.7	21.1
14	169.00	-4.1	-20.7	2057	1146	-2.0	-18.1	-340.7	-763.7	131.4	-70.4	20.4
15	181.50	-2.8	-21.1	2057	1146	-1.4	-18.4	-336.5	-743.0	122.0	-66.2	19.7
16	194.00	-1.6	-21.4	2057	1146	-.8	-18.7	-333.7	-721.9	112.8	-62.0	18.9
17	206.50	-.4	-21.7	2057	1146	-.2	-18.9	-332.1	-700.6	103.9	-57.9	17.9
18	219.00	-2.1	-23.5	2057	1146	-1.0	-20.5	-331.8	-678.9	95.3	-53.7	16.9
19	231.50	-3.9	-25.3	2057	1146	-1.9	-22.1	-329.6	-655.4	87.0	-49.6	15.9
20	244.00	-5.7	-27.1	2057	1146	-2.8	-23.6	-325.7	-630.1	79.0	-45.5	14.7
21	256.50	-7.4	-28.9	2057	1146	-3.6	-25.2	-320.1	-603.1	71.2	-41.4	13.6
22	269.00	-9.0	-29.9	2057	1146	-4.4	-26.1	-312.6	-574.2	63.9	-37.5	12.3
23	281.50	-10.3	-31.0	2057	1146	-5.0	-27.0	-303.6	-544.3	56.9	-33.6	11.1
24	294.00	-11.6	-32.1	2057	1146	-5.6	-28.0	-293.3	-513.3	50.3	-29.9	9.9
25	306.50	-12.8	-33.2	2057	1146	-6.2	-29.0	-281.8	-481.3	44.1	-26.3	8.7
26	319.00	-14.1	-34.3	2057	1146	-6.8	-29.9	-268.9	-448.1	38.3	-22.9	7.6
27	331.50	-18.1	-36.4	2057	1108	-8.8	-32.8	-254.9	-413.8	32.9	-19.6	6.5
28	344.00	-20.5	-35.7	2057	1034	-9.9	-34.5	-236.8	-377.4	27.9	-16.5	5.5
29	356.50	-46.8	-69.5	4361	1945	-10.7	-35.8	-216.3	-341.7	23.4	-13.7	4.5
30	383.00	-17.0	-23.2	1564	615	-10.9	-37.6	-169.5	-272.2	15.3	-8.6	3.5
31	392.50	-16.6	-22.6	1564	594	-10.6	-38.1	-152.4	-249.0	12.8	-7.1	3.1
32	402.00	-16.7	-22.7	1564	594	-10.7	-38.2	-135.8	-226.4	10.6	-5.7	2.8
33	411.50	-16.7	-22.7	1564	594	-10.7	-38.3	-119.1	-203.7	8.5	-4.5	2.5
34	421.00	-16.8	-22.8	1564	594	-10.7	-38.5	-102.4	-181.0	6.7	-3.4	2.2
35	430.50	-15.7	-23.1	1564	594	-10.1	-38.9	-85.7	-158.1	5.1	-2.5	2.0
36	440.00	-14.5	-23.3	1564	594	-9.3	-39.3	-70.0	-135.1	3.7	-1.8	1.8
37	449.50	-13.3	-23.6	1564	594	-8.5	-39.7	-55.4	-111.7	2.5	-1.2	1.5
38	459.00	-12.1	-23.8	1564	594	-7.8	-40.1	-42.1	-88.2	1.6	-.7	1.2
39	468.50	-11.1	-23.4	1564	594	-7.1	-39.4	-29.9	-64.4	.8	-.4	.8
ROOF	478.00	-18.8	-41.0	2798	1063	-6.7	-38.6	-18.8	-41.0	.3	-.2	.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-21.1	-16.1	3404	2573	-6.2	-6.2	-678.7	-700.4	202.1	-204.5	23.3
2	19.00	-12.2	-8.9	2240	1146	-5.4	-7.8	-657.6	-684.3	189.0	-191.8	22.7
3	31.50	-11.1	-9.3	2240	1146	-4.9	-8.1	-645.4	-675.4	180.5	-183.7	22.2
4	44.00	-10.1	-9.6	2240	1146	-4.5	-8.4	-634.3	-666.1	172.1	-175.7	21.6
5	56.50	-10.2	-9.9	2240	1146	-4.5	-8.6	-624.2	-656.6	163.8	-167.8	20.9
6	69.00	-10.4	-10.1	2240	1146	-4.6	-8.8	-614.1	-646.7	155.7	-160.1	20.3
7	81.50	-9.5	-9.5	2240	1146	-4.2	-8.3	-603.7	-636.6	147.7	-152.5	19.7
8	94.00	-8.6	-9.0	2240	1146	-3.9	-7.9	-594.2	-627.1	139.8	-145.0	19.2
9	106.50	-7.7	-8.5	2240	1146	-3.5	-7.4	-585.6	-618.1	132.0	-137.6	18.6
10	119.00	-9.9	-9.0	2240	1146	-4.4	-7.9	-577.8	-609.6	124.3	-130.4	18.0
11	131.50	-16.7	-13.0	2194	1146	-7.6	-11.4	-567.9	-600.6	116.8	-123.2	17.4
12	144.00	-12.2	-15.3	2103	1146	-5.8	-13.4	-551.2	-587.5	109.3	-116.2	16.9
13	156.50	-9.4	-16.1	2057	1146	-4.6	-14.0	-539.1	-572.2	102.1	-109.4	16.3
14	169.00	-9.1	-16.3	2057	1146	-4.4	-14.3	-529.7	-556.2	95.0	-102.7	15.7
15	181.50	-8.9	-16.6	2057	1146	-4.3	-14.5	-520.6	-539.8	88.2	-96.1	15.0
16	194.00	-8.6	-16.8	2057	1146	-4.2	-14.7	-511.7	-523.2	81.5	-89.7	14.3
17	206.50	-8.4	-17.0	2057	1146	-4.1	-14.8	-503.1	-506.4	75.1	-83.4	13.5
18	219.00	-9.8	-18.0	2057	1146	-4.8	-15.7	-494.7	-489.4	68.9	-77.1	12.7
19	231.50	-11.2	-18.9	2057	1146	-5.4	-16.5	-484.9	-471.4	62.9	-71.0	11.9
20	244.00	-12.6	-19.9	2057	1146	-6.1	-17.4	-473.7	-452.5	57.1	-65.0	11.0
21	256.50	-14.0	-20.9	2057	1146	-6.8	-18.2	-461.1	-432.6	51.6	-59.2	10.1
22	269.00	-15.6	-21.6	2057	1146	-7.6	-18.8	-447.1	-411.7	46.3	-53.5	9.1
23	281.50	-17.4	-22.2	2057	1146	-8.5	-19.4	-431.5	-390.1	41.3	-48.0	8.1
24	294.00	-19.2	-22.9	2057	1146	-9.3	-20.0	-414.1	-367.8	36.5	-42.7	7.1
25	306.50	-21.1	-23.6	2057	1146	-10.2	-20.6	-394.9	-344.9	32.1	-37.7	6.2
26	319.00	-22.9	-24.3	2057	1146	-11.1	-21.2	-373.8	-321.4	27.9	-32.8	5.3
27	331.50	-25.7	-25.5	2057	1108	-12.5	-23.0	-350.9	-297.1	24.1	-28.3	4.5
28	344.00	-26.9	-24.7	2057	1034	-13.1	-23.9	-325.3	-271.6	20.5	-24.1	3.7
29	356.50	-58.5	-47.2	4361	1945	-13.4	-24.3	-298.3	-246.8	17.3	-20.2	3.3
30	383.00	-21.1	-16.6	1564	615	-13.5	-27.0	-239.8	-199.6	11.4	-13.1	2.3
31	392.50	-21.0	-16.4	1564	594	-13.4	-27.6	-218.7	-183.0	9.5	-10.9	1.8
32	402.00	-21.2	-16.4	1564	594	-13.6	-27.5	-197.7	-166.6	7.9	-8.9	1.5
33	411.50	-21.5	-16.3	1564	594	-13.7	-27.5	-176.5	-150.2	6.4	-7.1	1.2
34	421.00	-21.7	-16.4	1564	594	-13.9	-27.7	-155.0	-133.9	5.0	-5.6	.9
35	430.50	-21.2	-16.7	1564	594	-13.6	-28.1	-133.3	-117.5	3.8	-4.2	.7
36	440.00	-20.6	-17.0	1564	594	-13.2	-28.6	-112.1	-100.8	2.8	-3.0	.5
37	449.50	-20.0	-17.3	1564	594	-12.8	-29.1	-91.5	-83.8	1.9	-2.1	.3
38	459.00	-19.4	-17.5	1564	594	-12.4	-29.5	-71.6	-66.5	1.2	-1.3	.2
39	468.50	-18.9	-17.5	1564	594	-12.1	-29.5	-52.2	-49.0	.6	-.7	.1
ROOF	478.00	-33.4	-31.5	2798	1063	-11.9	-29.6	-33.4	-31.5	.3	-.3	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-19.7	-11.1	3404	2573	-5.8	-4.3	-756.6	-571.5	166.8	-230.2	15.5
2	19.00	-11.8	-6.8	2240	1146	-5.3	-5.9	-736.9	-560.4	156.1	-216.0	15.1
3	31.50	-11.0	-7.1	2240	1146	-4.9	-6.2	-725.2	-553.6	149.1	-206.9	14.7
4	44.00	-10.2	-7.5	2240	1146	-4.5	-6.5	-714.2	-546.5	142.2	-197.9	14.2
5	56.50	-10.2	-7.9	2240	1146	-4.6	-6.9	-704.0	-539.0	135.4	-189.0	13.7
6	69.00	-10.4	-8.2	2240	1146	-4.6	-7.1	-693.8	-531.2	128.7	-180.3	13.2
7	81.50	-9.6	-8.1	2240	1146	-4.3	-7.1	-683.4	-523.0	122.2	-171.7	12.8
8	94.00	-8.8	-8.0	2240	1146	-3.9	-7.0	-673.8	-514.9	115.7	-163.2	12.3
9	106.50	-8.1	-7.9	2240	1146	-3.6	-6.9	-664.9	-506.9	109.3	-154.9	11.7
10	119.00	-9.7	-8.4	2240	1146	-4.3	-7.3	-656.8	-499.0	103.0	-146.6	11.1
11	131.50	-15.0	-10.9	2194	1146	-6.8	-9.5	-647.1	-490.6	96.8	-138.4	10.5
12	144.00	-12.2	-12.5	2103	1146	-5.8	-10.9	-632.2	-479.7	90.7	-130.4	10.0
13	156.50	-10.7	-13.1	2057	1146	-5.2	-11.4	-620.0	-467.2	84.8	-122.6	9.4
14	169.00	-11.0	-13.3	2057	1146	-5.3	-11.6	-609.3	-454.2	79.1	-114.9	8.9
15	181.50	-11.3	-13.6	2057	1146	-5.5	-11.9	-598.3	-440.8	73.5	-107.4	8.2
16	194.00	-11.5	-13.9	2057	1146	-5.6	-12.1	-587.0	-427.2	68.1	-100.0	7.5
17	206.50	-11.8	-14.1	2057	1146	-5.7	-12.3	-575.5	-413.4	62.8	-92.7	6.8
18	219.00	-13.5	-14.6	2057	1146	-6.6	-12.7	-563.7	-399.3	57.7	-85.6	6.0
19	231.50	-15.2	-15.1	2057	1146	-7.4	-13.2	-550.2	-384.8	52.8	-78.6	5.3
20	244.00	-17.0	-15.6	2057	1146	-8.2	-13.6	-534.9	-369.7	48.1	-71.9	4.6
21	256.50	-18.7	-16.1	2057	1146	-9.1	-14.1	-518.0	-354.1	43.6	-65.3	3.9
22	269.00	-20.3	-16.6	2057	1146	-9.9	-14.5	-499.3	-338.0	39.3	-58.9	3.2
23	281.50	-21.8	-17.0	2057	1146	-10.6	-14.8	-478.9	-321.4	35.1	-52.8	2.6
24	294.00	-23.3	-17.5	2057	1146	-11.3	-15.2	-457.2	-304.4	31.2	-47.0	2.0
25	306.50	-24.7	-17.9	2057	1146	-12.0	-15.6	-433.9	-287.0	27.5	-41.4	1.5
26	319.00	-26.2	-18.4	2057	1146	-12.7	-16.0	-409.2	-269.0	24.1	-36.1	1.1
27	331.50	-28.6	-19.4	2057	1108	-13.9	-17.5	-383.0	-250.7	20.8	-31.2	.8
28	344.00	-29.4	-19.2	2057	1034	-14.3	-18.6	-354.4	-231.3	17.8	-26.6	.5
29	356.50	-62.2	-38.7	4361	1945	-14.3	-19.9	-325.0	-212.0	15.0	-22.3	.3
30	383.00	-22.1	-14.0	1564	615	-14.1	-22.8	-262.8	-173.3	9.9	-14.5	.1
31	392.50	-22.2	-13.9	1564	594	-14.2	-23.5	-240.7	-159.2	8.3	-12.1	.2
32	402.00	-22.6	-14.0	1564	594	-14.5	-23.5	-218.5	-145.3	6.9	-9.9	.3
33	411.50	-23.1	-14.0	1564	594	-14.8	-23.6	-195.8	-131.3	5.6	-8.0	.4
34	421.00	-23.5	-14.2	1564	594	-15.1	-23.9	-172.8	-117.3	4.4	-6.2	.5
35	430.50	-23.3	-14.6	1564	594	-14.9	-24.5	-149.2	-103.1	3.3	-4.7	.5
36	440.00	-22.9	-15.0	1564	594	-14.6	-25.2	-126.0	-88.6	2.4	-3.4	.5
37	449.50	-22.5	-15.4	1564	594	-14.4	-25.9	-103.1	-73.6	1.7	-2.3	.5
38	459.00	-22.1	-15.7	1564	594	-14.1	-26.5	-80.6	-58.2	1.0	-1.4	.4
39	468.50	-21.6	-15.4	1564	594	-13.8	-26.0	-58.6	-42.5	.6	-.8	.3
ROOF	478.00	-37.0	-27.1	2798	1063	-13.2	-25.5	-37.0	-27.1	.2	-.3	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-25.8	-7.0	3404	2573	-7.6	-2.7	-1021.2	-332.0	82.6	-290.1	17.7
2	19.00	-16.7	-7.5	2240	1146	-7.4	-6.6	-995.4	-325.1	76.3	-271.0	16.8
3	31.50	-16.6	-8.2	2240	1146	-7.4	-7.2	-978.7	-317.5	72.3	-258.6	16.2
4	44.00	-16.5	-8.5	2240	1146	-7.4	-7.4	-962.1	-309.3	68.4	-246.5	15.6
5	56.50	-16.7	-8.7	2240	1146	-7.5	-7.6	-945.6	-300.8	64.6	-234.6	15.0
6	69.00	-17.0	-9.0	2240	1146	-7.6	-7.9	-928.9	-292.1	60.9	-222.9	14.3
7	81.50	-15.9	-8.9	2240	1146	-7.1	-7.8	-911.9	-283.1	57.3	-211.4	13.6
8	94.00	-14.8	-8.9	2240	1146	-6.6	-7.8	-896.0	-274.2	53.8	-200.1	12.9
9	106.50	-13.7	-8.8	2240	1146	-6.1	-7.7	-881.2	-265.3	50.4	-189.0	12.1
10	119.00	-15.9	-8.9	2240	1146	-7.1	-7.8	-867.4	-256.5	47.2	-178.0	11.3
11	131.50	-23.1	-10.3	2194	1146	-10.5	-9.0	-851.5	-247.5	44.0	-167.3	10.6
12	144.00	-19.7	-10.2	2103	1146	-9.4	-8.9	-828.4	-237.2	41.0	-156.8	9.9
13	156.50	-18.1	-10.1	2057	1146	-8.8	-8.8	-808.7	-227.0	38.1	-146.6	9.2
14	169.00	-19.3	-10.0	2057	1146	-9.4	-8.7	-790.6	-216.9	35.3	-136.6	8.6
15	181.50	-20.6	-9.9	2057	1146	-10.0	-8.6	-771.2	-207.0	32.7	-126.8	7.9
16	194.00	-21.8	-9.8	2057	1146	-10.6	-8.5	-750.7	-197.1	30.2	-117.3	7.1
17	206.50	-23.0	-9.6	2057	1146	-11.2	-8.4	-728.9	-187.3	27.7	-108.0	6.4
18	219.00	-24.6	-9.2	2057	1146	-12.0	-8.0	-706.0	-177.7	25.5	-99.1	5.6
19	231.50	-26.3	-8.7	2057	1146	-12.8	-7.6	-681.3	-168.6	23.3	-90.4	4.9
20	244.00	-27.9	-8.2	2057	1146	-13.6	-7.2	-655.1	-159.9	21.3	-82.0	4.2
21	256.50	-29.5	-7.8	2057	1146	-14.4	-6.8	-627.2	-151.6	19.3	-74.0	3.6
22	269.00	-31.0	-7.5	2057	1146	-15.0	-6.6	-597.6	-143.8	17.5	-66.4	3.1
23	281.50	-31.9	-7.3	2057	1146	-15.5	-6.4	-566.7	-136.3	15.7	-59.1	2.6
24	294.00	-32.9	-7.0	2057	1146	-16.0	-6.1	-534.7	-129.0	14.0	-52.2	2.1
25	306.50	-33.9	-6.8	2057	1146	-16.5	-5.9	-501.8	-122.0	12.5	-45.7	1.7
26	319.00	-34.9	-6.5	2057	1146	-16.9	-5.7	-467.9	-115.2	11.0	-39.7	1.4
27	331.50	-35.1	-7.7	2057	1108	-17.1	-6.9	-433.1	-108.6	9.6	-34.0	1.2
28	344.00	-35.0	-7.8	2057	1034	-17.0	-7.6	-398.0	-101.0	8.3	-28.9	1.0
29	356.50	-73.3	-14.8	4361	1945	-16.8	-7.6	-363.0	-93.1	7.1	-24.1	.8
30	383.00	-26.0	-5.3	1564	615	-16.6	-8.7	-289.7	-78.4	4.8	-15.4	.4
31	392.50	-26.1	-5.4	1564	594	-16.7	-9.1	-263.7	-73.0	4.1	-12.8	.3
32	402.00	-26.5	-5.5	1564	594	-16.9	-9.3	-237.6	-67.6	3.4	-10.4	.2
33	411.50	-26.8	-5.6	1564	594	-17.2	-9.4	-211.1	-62.1	2.8	-8.3	.2
34	421.00	-27.2	-5.8	1564	594	-17.4	-9.8	-184.3	-56.5	2.2	-6.4	.1
35	430.50	-26.3	-6.3	1564	594	-16.8	-10.5	-157.0	-50.7	1.7	-4.8	.1
36	440.00	-25.2	-6.7	1564	594	-16.1	-11.3	-130.7	-44.5	1.3	-3.4	.1
37	449.50	-24.0	-7.2	1564	594	-15.4	-12.1	-105.6	-37.7	.9	-2.3	.1
38	459.00	-22.9	-7.7	1564	594	-14.7	-12.9	-81.5	-30.5	.6	-1.4	.1
39	468.50	-21.8	-7.9	1564	594	-14.0	-13.3	-58.6	-22.9	.3	-.8	.1
ROOF	478.00	-36.8	-15.0	2798	1063	-13.1	-14.1	-36.8	-15.0	.1	-.3	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-41.5	-11.2	3404	2573	-12.2	-4.4	-1326.9	-425.1	97.1	-365.2	28.1
2	19.00	-25.8	-11.7	2240	1146	-11.5	-10.2	-1285.4	-413.8	89.2	-340.4	26.9
3	31.50	-24.8	-12.6	2240	1146	-11.1	-11.0	-1259.6	-402.1	84.1	-324.5	26.0
4	44.00	-23.9	-13.1	2240	1146	-10.7	-11.4	-1234.8	-389.5	79.1	-308.9	25.0
5	56.50	-24.5	-13.5	2240	1146	-10.9	-11.8	-1211.0	-376.4	74.3	-293.6	23.8
6	69.00	-25.4	-14.4	2240	1146	-11.3	-12.5	-1186.5	-362.9	69.7	-278.6	22.6
7	81.50	-23.2	-14.6	2240	1146	-10.4	-12.8	-1161.1	-348.5	65.3	-264.0	21.5
8	94.00	-21.1	-14.9	2240	1146	-9.4	-13.0	-1137.8	-333.9	61.0	-249.6	20.4
9	106.50	-18.9	-15.2	2240	1146	-8.5	-13.2	-1116.8	-319.0	56.9	-235.5	19.3
10	119.00	-21.3	-15.4	2240	1146	-9.5	-13.4	-1097.8	-303.9	53.0	-221.7	18.1
11	131.50	-30.8	-16.5	2194	1146	-14.0	-14.4	-1076.5	-288.5	49.3	-208.1	17.0
12	144.00	-23.9	-14.5	2103	1146	-11.4	-12.6	-1045.8	-271.9	45.8	-194.8	15.9
13	156.50	-20.8	-13.3	2057	1146	-10.1	-11.6	-1021.8	-257.5	42.5	-181.9	14.9
14	169.00	-23.9	-12.8	2057	1146	-11.6	-11.2	-1001.0	-244.1	39.4	-169.3	14.0
15	181.50	-27.0	-12.3	2057	1146	-13.1	-10.7	-977.1	-231.3	36.4	-156.9	13.0
16	194.00	-30.1	-11.8	2057	1146	-14.6	-10.3	-950.1	-219.0	33.6	-144.8	12.1
17	206.50	-33.1	-11.1	2057	1146	-16.1	-9.7	-920.0	-207.2	30.9	-133.2	11.1
18	219.00	-34.7	-10.6	2057	1146	-16.9	-9.2	-886.9	-196.1	28.4	-121.9	10.3
19	231.50	-36.2	-10.0	2057	1146	-17.6	-8.7	-852.2	-185.5	26.0	-111.0	9.4
20	244.00	-37.7	-9.4	2057	1146	-18.3	-8.2	-816.0	-175.5	23.8	-100.6	8.7
21	256.50	-39.3	-8.9	2057	1146	-19.1	-7.7	-778.3	-166.1	21.6	-90.6	7.9
22	269.00	-40.4	-8.5	2057	1146	-19.7	-7.4	-739.0	-157.2	19.6	-81.1	7.3
23	281.50	-41.0	-8.0	2057	1146	-19.9	-7.0	-698.6	-148.8	17.7	-72.1	6.7
24	294.00	-41.6	-7.6	2057	1146	-20.2	-6.6	-657.6	-140.7	15.9	-63.7	6.1
25	306.50	-42.1	-7.1	2057	1146	-20.5	-6.2	-616.0	-133.1	14.2	-55.7	5.6
26	319.00	-42.7	-6.7	2057	1146	-20.8	-5.9	-573.9	-126.0	12.5	-48.3	5.1
27	331.50	-43.1	-8.0	2057	1108	-21.0	-7.2	-531.2	-119.3	11.0	-41.4	4.6
28	344.00	-43.2	-8.0	2057	1034	-21.0	-7.8	-488.1	-111.3	9.6	-35.0	4.1
29	356.50	-91.5	-14.0	4361	1945	-21.0	-7.2	-444.9	-103.2	8.2	-29.2	3.7
30	383.00	-32.7	-5.4	1564	615	-20.9	-8.7	-353.4	-89.2	5.7	-18.6	2.9
31	392.50	-32.8	-5.6	1564	594	-21.0	-9.4	-320.7	-83.8	4.9	-15.4	2.6
32	402.00	-33.0	-5.7	1564	594	-21.1	-9.6	-287.8	-78.3	4.1	-12.5	2.3
33	411.50	-33.3	-5.8	1564	594	-21.3	-9.8	-254.8	-72.6	3.4	-9.9	2.1
34	421.00	-33.5	-6.1	1564	594	-21.4	-10.3	-221.5	-66.8	2.7	-7.6	1.8
35	430.50	-32.2	-6.9	1564	594	-20.6	-11.6	-188.1	-60.7	2.1	-5.7	1.6
36	440.00	-30.6	-7.7	1564	594	-19.6	-13.0	-155.9	-53.8	1.6	-4.1	1.4
37	449.50	-29.0	-8.5	1564	594	-18.6	-14.3	-125.3	-46.1	1.1	-2.7	1.1
38	459.00	-27.5	-9.3	1564	594	-17.6	-15.7	-96.2	-37.6	.7	-1.7	.9
39	468.50	-25.9	-9.7	1564	594	-16.6	-16.3	-68.8	-28.3	.4	-.9	.7
ROOF	478.00	-42.8	-18.6	2798	1063	-15.3	-17.5	-42.8	-18.6	.2	-.4	.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-50.3	-14.7	3404	2573	-14.8	-5.7	-1541.6	-416.4	72.0	-418.3	34.5
2	19.00	-29.5	-15.9	2240	1146	-13.2	-13.9	-1491.3	-401.7	64.2	-389.5	33.3
3	31.50	-27.7	-17.0	2240	1146	-12.4	-14.8	-1461.8	-385.8	59.3	-371.0	32.2
4	44.00	-26.4	-17.7	2240	1146	-11.8	-15.4	-1434.1	-368.8	54.6	-352.9	30.9
5	56.50	-27.0	-18.4	2240	1146	-12.1	-16.0	-1407.7	-351.1	50.1	-335.2	29.4
6	69.00	-27.9	-19.8	2240	1146	-12.5	-17.3	-1380.7	-332.7	45.8	-317.7	27.8
7	81.50	-25.6	-20.4	2240	1146	-11.4	-17.8	-1352.8	-312.9	41.8	-300.7	26.2
8	94.00	-23.2	-21.0	2240	1146	-10.3	-18.3	-1327.2	-292.5	38.0	-283.9	24.6
9	106.50	-20.8	-21.6	2240	1146	-9.3	-18.8	-1304.1	-271.5	34.5	-267.5	23.1
10	119.00	-24.4	-21.6	2240	1146	-10.9	-18.8	-1283.3	-249.9	31.2	-251.3	21.6
11	131.50	-37.5	-21.6	2194	1146	-17.1	-18.9	-1258.9	-228.3	28.2	-235.4	20.2
12	144.00	-29.5	-17.5	2103	1146	-14.0	-15.3	-1221.3	-206.7	25.5	-219.9	18.9
13	156.50	-25.9	-15.4	2057	1146	-12.6	-13.5	-1191.8	-189.1	23.0	-204.8	17.6
14	169.00	-29.9	-14.5	2057	1146	-14.5	-12.7	-1165.9	-173.7	20.8	-190.1	16.4
15	181.50	-33.8	-13.6	2057	1146	-16.4	-11.9	-1136.0	-159.2	18.7	-175.7	15.2
16	194.00	-37.8	-12.8	2057	1146	-18.4	-11.1	-1102.2	-145.5	16.8	-161.7	14.0
17	206.50	-41.7	-11.8	2057	1146	-20.3	-10.3	-1064.4	-132.7	15.1	-148.2	13.0
18	219.00	-43.4	-10.9	2057	1146	-21.1	-9.5	-1022.7	-120.9	13.5	-135.1	11.9
19	231.50	-45.1	-10.1	2057	1146	-21.9	-8.8	-979.4	-110.0	12.0	-122.6	10.9
20	244.00	-46.8	-9.2	2057	1146	-22.7	-8.0	-934.3	-99.9	10.7	-110.6	10.0
21	256.50	-48.5	-8.4	2057	1146	-23.6	-7.3	-887.5	-90.7	9.5	-99.3	9.2
22	269.00	-49.8	-7.8	2057	1146	-24.2	-6.8	-839.1	-82.4	8.4	-88.5	8.4
23	281.50	-50.4	-7.0	2057	1146	-24.5	-6.2	-789.3	-74.6	7.5	-78.3	7.7
24	294.00	-51.1	-6.3	2057	1146	-24.8	-5.5	-738.9	-67.5	6.6	-68.7	7.0
25	306.50	-51.7	-5.6	2057	1146	-25.1	-4.9	-687.8	-61.2	5.8	-59.8	6.4
26	319.00	-52.3	-4.9	2057	1146	-25.4	-4.3	-636.1	-55.6	5.0	-51.6	5.8
27	331.50	-51.8	-5.8	2057	1108	-25.2	-5.2	-583.7	-50.7	4.4	-43.9	5.4
28	344.00	-50.8	-5.1	2057	1034	-24.7	-5.0	-532.0	-44.9	3.8	-37.0	4.7
29	356.50	-105.0	-5.9	4361	1945	-24.1	-3.0	-481.1	-39.8	3.2	-30.6	4.2
30	383.00	-37.0	-2.1	1564	615	-23.6	-3.4	-376.2	-33.9	2.3	-19.3	3.3
31	392.50	-36.8	-2.1	1564	594	-23.6	-3.5	-339.2	-31.8	2.0	-15.9	3.0
32	402.00	-36.6	-1.9	1564	594	-23.4	-3.3	-302.4	-29.7	1.7	-12.8	2.7
33	411.50	-36.4	-1.8	1564	594	-23.3	-3.1	-265.8	-27.8	1.4	-10.1	2.4
34	421.00	-36.2	-1.8	1564	594	-23.1	-3.1	-229.4	-26.0	1.1	-7.8	2.1
35	430.50	-34.3	-2.2	1564	594	-22.0	-3.8	-193.2	-24.1	.9	-5.8	1.9
36	440.00	-32.2	-2.7	1564	594	-20.6	-4.5	-158.9	-21.9	.7	-4.1	1.6
37	449.50	-30.1	-3.1	1564	594	-19.3	-5.2	-126.6	-19.2	.5	-2.7	1.3
38	459.00	-28.0	-3.5	1564	594	-17.9	-5.9	-96.5	-16.2	.3	-1.7	1.1
39	468.50	-26.0	-4.0	1564	594	-16.7	-6.7	-68.5	-12.7	.2	-.9	.8
ROOF	478.00	-42.4	-8.7	2798	1063	-15.2	-8.2	-42.4	-8.7	.1	-.4	.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-43.6	-14.9	3404	2573	-12.8	-5.8	-1441.0	-260.2	20.5	-394.3	41.6
2	19.00	-27.4	-15.4	2240	1146	-12.2	-13.5	-1397.4	-245.3	15.7	-367.3	40.2
3	31.50	-26.4	-16.6	2240	1146	-11.8	-14.5	-1370.0	-229.9	12.8	-350.0	39.2
4	44.00	-25.4	-17.3	2240	1146	-11.3	-15.1	-1343.6	-213.3	10.0	-333.1	38.0
5	56.50	-25.0	-18.0	2240	1146	-11.2	-15.7	-1318.2	-196.0	7.4	-316.4	36.6
6	69.00	-24.7	-19.4	2240	1146	-11.0	-16.9	-1293.2	-178.1	5.1	-300.1	35.0
7	81.50	-22.5	-20.1	2240	1146	-10.0	-17.5	-1268.5	-158.7	3.0	-284.1	33.2
8	94.00	-20.3	-20.8	2240	1146	-9.1	-18.1	-1246.0	-138.6	1.1	-268.4	31.2
9	106.50	-18.1	-21.5	2240	1146	-8.1	-18.8	-1225.7	-117.8	-.5	-253.0	29.7
10	119.00	-22.1	-21.1	2240	1146	-9.9	-18.4	-1207.6	-96.3	-1.8	-237.7	28.0
11	131.50	-35.7	-20.2	2194	1146	-16.3	-17.7	-1185.5	-75.2	-2.9	-222.8	26.3
12	144.00	-27.1	-14.5	2103	1146	-12.9	-12.6	-1149.8	-55.0	-3.7	-208.2	24.8
13	156.50	-23.4	-11.7	2057	1146	-11.4	-10.2	-1122.6	-40.5	-4.3	-194.0	23.2
14	169.00	-27.6	-10.6	2057	1146	-13.4	-9.3	-1099.2	-28.8	-4.7	-180.1	21.7
15	181.50	-31.7	-9.6	2057	1146	-15.4	-8.4	-1071.7	-18.2	-5.0	-166.5	20.2
16	194.00	-35.9	-8.5	2057	1146	-17.5	-7.4	-1039.9	-8.6	-5.2	-153.3	18.8
17	206.50	-40.0	-7.4	2057	1146	-19.5	-6.5	-1004.0	-.1	-5.2	-140.6	17.5
18	219.00	-41.4	-6.3	2057	1146	-20.1	-5.5	-964.0	7.3	-5.2	-128.3	16.2
19	231.50	-42.8	-5.2	2057	1146	-20.8	-4.5	-922.5	13.7	-5.1	-116.5	15.0
20	244.00	-44.2	-4.1	2057	1146	-21.5	-3.5	-879.7	18.9	-4.8	-105.2	13.9
21	256.50	-45.6	-2.9	2057	1146	-22.2	-2.6	-835.5	22.9	-4.6	-94.5	12.9
22	269.00	-46.6	-2.3	2057	1146	-22.6	-2.0	-790.0	25.9	-4.3	-84.3	11.9
23	281.50	-46.8	-1.6	2057	1146	-22.7	-1.4	-743.4	28.2	-3.9	-74.7	11.0
24	294.00	-47.0	-.9	2057	1146	-22.8	-.8	-696.6	29.8	-3.6	-65.7	10.1
25	306.50	-47.2	-.2	2057	1146	-23.0	-.2	-649.6	30.7	-3.2	-57.3	9.3
26	319.00	-47.4	.5	2057	1146	-23.1	.4	-602.4	30.9	-2.8	-49.5	8.5
27	331.50	-47.9	.7	2057	1108	-23.3	.6	-555.0	30.4	-2.4	-42.3	7.8
28	344.00	-47.5	1.5	2057	1034	-23.1	1.4	-507.1	29.7	-2.1	-35.6	7.1
29	356.50	-98.2	6.5	4361	1945	-22.5	3.4	-459.6	28.2	-1.7	-29.6	6.4
30	383.00	-34.6	2.3	1564	615	-22.1	3.7	-361.5	21.7	-1.0	-18.7	5.1
31	392.50	-34.5	2.2	1564	594	-22.1	3.8	-326.9	19.4	-.8	-15.4	4.6
32	402.00	-34.6	2.3	1564	594	-22.1	3.8	-292.4	17.1	-.5	-12.5	4.1
33	411.50	-34.6	2.3	1564	594	-22.2	3.9	-257.8	14.9	-.5	-9.9	3.7
34	421.00	-34.7	2.3	1564	594	-22.2	3.8	-223.2	12.6	-.4	-7.6	3.2
35	430.50	-33.1	2.1	1564	594	-21.2	3.5	-188.5	10.3	-.3	-5.6	2.8
36	440.00	-31.2	1.9	1564	594	-20.0	3.2	-155.4	8.2	-.2	-4.0	2.4
37	449.50	-29.3	1.7	1564	594	-18.8	2.9	-124.2	6.3	-.1	-2.7	2.0
38	459.00	-27.4	1.6	1564	594	-17.6	2.6	-94.8	4.5	-.1	-1.6	1.6
39	468.50	-25.6	1.4	1564	594	-16.4	2.3	-67.4	3.0	-.0	-.9	1.2
ROOF	478.00	-41.7	1.6	2798	1063	-14.9	1.5	-41.8	1.6	-.0	-.4	.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-32.4	-14.4	3404	2573	-9.5	-5.6	-1231.1	-86.6	-23.6	-347.5	46.2
2	19.00	-20.6	-13.9	2240	1146	-9.2	-12.1	-1198.7	-72.2	-25.1	-324.5	44.9
3	31.50	-20.2	-14.8	2240	1146	-9.0	-12.9	-1178.1	-58.3	-25.9	-309.6	44.0
4	44.00	-19.9	-14.8	2240	1146	-8.9	-12.9	-1157.9	-43.6	-26.5	-295.0	42.9
5	56.50	-19.7	-14.9	2240	1146	-8.8	-13.0	-1138.0	-28.7	-27.0	-280.7	41.5
6	69.00	-19.5	-15.8	2240	1146	-8.7	-13.8	-1118.3	-13.9	-27.2	-266.6	40.0
7	81.50	-16.8	-16.8	2240	1146	-7.5	-14.6	-1098.8	1.9	-27.3	-252.7	38.3
8	94.00	-14.2	-17.8	2240	1146	-6.3	-15.5	-1081.9	18.7	-27.2	-239.1	36.5
9	106.50	-11.5	-18.8	2240	1146	-5.1	-16.4	-1067.7	36.5	-26.8	-225.6	34.7
10	119.00	-15.7	-17.8	2240	1146	-7.0	-15.5	-1056.2	55.2	-26.3	-212.4	32.9
11	131.50	-31.0	-13.2	2194	1146	-14.1	-11.5	-1040.5	73.0	-25.5	-199.3	31.0
12	144.00	-21.5	-8.0	2103	1146	-10.2	-7.0	-1009.5	86.3	-24.5	-186.4	29.3
13	156.50	-17.1	-5.5	2057	1146	-8.3	-4.8	-988.0	94.3	-23.3	-174.0	27.5
14	169.00	-21.5	-4.2	2057	1146	-10.5	-3.7	-970.9	99.8	-22.1	-161.7	25.8
15	181.50	-25.9	-3.0	2057	1146	-12.6	-2.6	-949.4	104.0	-20.8	-149.7	24.1
16	194.00	-30.3	-1.8	2057	1146	-14.7	-1.5	-923.5	107.0	-19.5	-138.0	22.5
17	206.50	-34.6	-.5	2057	1146	-16.8	-.4	-893.2	108.8	-18.2	-126.7	21.0
18	219.00	-36.2	.5	2057	1146	-17.6	.5	-858.7	109.3	-16.8	-115.7	19.6
19	231.50	-37.8	1.6	2057	1146	-18.4	1.4	-822.5	108.7	-15.5	-105.2	18.2
20	244.00	-39.4	2.6	2057	1146	-19.2	2.3	-784.7	107.1	-14.1	-95.2	16.9
21	256.50	-41.0	3.7	2057	1146	-20.0	3.2	-745.2	104.5	-12.8	-85.6	15.7
22	269.00	-41.9	4.2	2057	1146	-20.4	3.6	-704.2	100.8	-11.5	-76.5	14.6
23	281.50	-41.2	4.5	2057	1146	-20.0	3.9	-662.3	96.6	-10.3	-68.0	13.5
24	294.00	-40.6	4.8	2057	1146	-19.7	4.2	-621.1	92.2	-9.1	-60.0	12.5
25	306.50	-40.0	5.1	2057	1146	-19.4	4.4	-580.5	87.4	-8.0	-52.5	11.5
26	319.00	-39.3	5.4	2057	1146	-19.1	4.7	-540.5	82.3	-6.9	-45.5	10.6
27	331.50	-40.9	6.0	2057	1108	-19.9	5.4	-501.2	77.0	-5.9	-38.9	9.7
28	344.00	-41.4	6.5	2057	1034	-20.1	6.3	-460.3	71.0	-5.0	-32.9	8.9
29	356.50	-86.3	14.4	4361	1945	-19.8	7.4	-418.9	64.5	-4.1	-27.4	8.1
30	383.00	-30.7	5.2	1564	615	-19.7	8.4	-332.6	50.0	-2.6	-17.5	6.3
31	392.50	-30.9	5.0	1564	594	-19.8	8.4	-301.9	44.9	-2.2	-14.5	5.7
32	402.00	-31.2	4.7	1564	594	-19.9	7.9	-271.0	39.9	-1.8	-11.7	5.1
33	411.50	-31.4	4.4	1564	594	-20.1	7.4	-239.8	35.2	-1.4	-9.3	4.5
34	421.00	-31.6	4.2	1564	594	-20.2	7.1	-208.4	30.8	-1.1	-7.2	3.9
35	430.50	-30.3	4.2	1564	594	-19.4	7.1	-176.8	26.5	-.8	-5.4	3.4
36	440.00	-28.8	4.1	1564	594	-18.4	7.0	-146.5	22.4	-.6	-3.8	2.9
37	449.50	-27.2	4.1	1564	594	-17.4	6.9	-117.8	18.2	-.4	-2.6	2.4
38	459.00	-25.7	4.0	1564	594	-16.4	6.8	-90.5	14.1	-.2	-1.6	1.9
39	468.50	-24.3	3.9	1564	594	-15.5	6.5	-64.8	10.1	-.1	-.8	1.4
ROOF	478.00	-40.6	6.2	2798	1063	-14.5	5.8	-40.6	6.2	-.1	-.3	.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-29.4	-12.0	3404	2573	-8.6	-4.7	-1129.5	-12.3	-32.7	-326.5	43.5
2	19.00	-18.8	-11.6	2240	1146	-8.4	-10.1	-1100.1	-.2	-32.8	-305.3	42.4
3	31.50	-18.3	-12.2	2240	1146	-8.2	-10.7	-1081.3	11.4	-32.7	-291.7	41.5
4	44.00	-17.8	-11.9	2240	1146	-7.9	-10.4	-1063.0	23.6	-32.5	-278.3	40.5
5	56.50	-17.5	-11.7	2240	1146	-7.8	-10.2	-1045.2	35.5	-32.2	-265.1	39.3
6	69.00	-17.2	-12.1	2240	1146	-7.7	-10.6	-1027.7	47.2	-31.6	-252.2	38.0
7	81.50	-14.6	-13.1	2240	1146	-6.5	-11.4	-1010.6	59.4	-31.0	-239.4	36.5
8	94.00	-12.1	-14.0	2240	1146	-5.4	-12.2	-995.9	72.4	-30.1	-226.9	35.0
9	106.50	-9.5	-14.9	2240	1146	-4.3	-13.0	-983.8	86.4	-29.2	-214.5	33.4
10	119.00	-13.5	-13.3	2240	1146	-6.0	-11.6	-974.3	101.3	-28.0	-202.3	31.8
11	131.50	-27.9	-6.0	2194	1146	-12.7	-5.2	-960.8	114.6	-26.6	-190.2	30.2
12	144.00	-18.3	-1.4	2103	1146	-8.7	-1.2	-932.9	120.6	-25.2	-178.3	28.7
13	156.50	-13.6	.2	2057	1146	-6.6	.2	-914.6	122.0	-23.6	-166.8	27.1
14	169.00	-17.4	.7	2057	1146	-8.5	.6	-901.0	121.8	-22.1	-155.5	25.5
15	181.50	-21.2	1.2	2057	1146	-10.3	1.1	-883.6	121.0	-20.6	-144.3	23.8
16	194.00	-25.0	1.7	2057	1146	-12.2	1.5	-862.3	119.8	-19.1	-133.4	22.3
17	206.50	-28.8	2.2	2057	1146	-14.0	1.9	-837.3	118.1	-17.6	-122.8	20.7
18	219.00	-30.2	2.6	2057	1146	-14.7	2.3	-808.6	115.9	-16.1	-112.5	19.3
19	231.50	-31.7	3.0	2057	1146	-15.4	2.6	-778.4	113.3	-14.7	-102.6	17.8
20	244.00	-33.1	3.4	2057	1146	-16.1	3.0	-746.7	110.2	-13.3	-93.0	16.5
21	256.50	-34.6	3.8	2057	1146	-16.8	3.3	-713.5	106.8	-12.0	-83.9	15.2
22	269.00	-35.7	4.4	2057	1146	-17.4	3.8	-678.9	103.0	-10.7	-75.2	14.0
23	281.50	-36.2	5.1	2057	1146	-17.6	4.5	-643.2	98.6	-9.4	-66.9	12.9
24	294.00	-36.7	5.9	2057	1146	-17.8	5.1	-607.0	93.5	-8.2	-59.1	11.8
25	306.50	-37.2	6.6	2057	1146	-18.1	5.8	-570.3	87.6	-7.1	-51.8	10.8
26	319.00	-37.6	7.3	2057	1146	-18.3	6.4	-533.2	81.0	-6.0	-44.9	9.9
27	331.50	-40.5	7.7	2057	1108	-19.7	6.9	-495.5	73.7	-5.0	-38.4	9.0
28	344.00	-41.3	7.8	2057	1034	-20.1	7.6	-455.0	66.0	-4.2	-32.5	8.3
29	356.50	-85.6	15.9	4361	1945	-19.6	8.2	-413.7	58.2	-3.4	-27.1	7.6
30	383.00	-30.2	5.1	1564	615	-19.3	8.2	-328.0	42.3	-2.1	-17.2	6.1
31	392.50	-30.5	4.7	1564	594	-19.5	7.9	-297.8	37.3	-1.7	-14.3	5.5
32	402.00	-30.8	4.4	1564	594	-19.7	7.4	-267.4	32.6	-1.3	-11.6	5.0
33	411.50	-31.2	4.1	1564	594	-19.9	6.9	-236.5	28.2	-1.1	-9.2	4.4
34	421.00	-31.5	3.9	1564	594	-20.2	6.5	-205.4	24.1	-.8	-7.1	3.9
35	430.50	-30.1	3.7	1564	594	-19.2	6.2	-173.8	20.3	-.6	-5.3	3.4
36	440.00	-28.3	3.4	1564	594	-18.1	5.8	-143.8	16.6	-.4	-3.8	2.9
37	449.50	-26.5	3.2	1564	594	-17.0	5.4	-115.5	13.2	-.3	-2.5	2.4
38	459.00	-24.8	3.0	1564	594	-15.8	5.0	-89.0	10.0	-.2	-1.6	1.9
39	468.50	-23.3	2.7	1564	594	-14.9	4.6	-64.2	7.0	-.1	-.8	1.3
ROOF	478.00	-40.8	4.3	2798	1063	-14.6	4.0	-40.8	4.3	-.0	-.3	.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-30.0	-6.0	3404	2573	-8.8	-2.3	-1087.5	102.3	-46.1	-314.6	32.0
2	19.00	-18.2	-7.6	2240	1146	-8.1	-6.6	-1057.5	108.2	-44.1	-294.3	31.3
3	31.50	-17.6	-7.9	2240	1146	-7.8	-6.9	-1039.3	115.8	-42.7	-281.2	30.7
4	44.00	-17.2	-7.1	2240	1146	-7.7	-6.2	-1021.7	123.7	-41.2	-268.3	30.0
5	56.50	-16.6	-6.4	2240	1146	-7.4	-5.6	-1004.5	130.8	-39.6	-255.6	29.2
6	69.00	-16.0	-6.3	2240	1146	-7.1	-5.5	-987.9	137.2	-37.9	-243.2	28.3
7	81.50	-14.5	-6.7	2240	1146	-6.5	-5.9	-971.9	143.5	-36.1	-230.9	27.3
8	94.00	-13.0	-7.1	2240	1146	-5.8	-6.2	-957.4	150.3	-34.3	-218.9	26.3
9	106.50	-11.6	-7.5	2240	1146	-5.2	-6.6	-944.3	157.4	-32.4	-207.0	25.3
10	119.00	-14.8	-5.5	2240	1146	-6.6	-4.8	-932.7	164.9	-30.4	-195.2	24.3
11	131.50	-25.5	2.1	2194	1146	-11.6	1.8	-918.0	170.3	-28.3	-183.7	23.3
12	144.00	-18.8	6.2	2103	1146	-9.0	5.4	-892.4	168.3	-26.2	-172.4	22.3
13	156.50	-15.6	7.3	2057	1146	-7.6	6.4	-873.6	162.1	-24.1	-161.3	21.2
14	169.00	-18.3	7.2	2057	1146	-8.9	6.3	-857.9	154.8	-22.1	-150.5	20.1
15	181.50	-20.9	7.0	2057	1146	-10.2	6.1	-839.7	147.6	-20.2	-139.9	18.9
16	194.00	-23.6	6.9	2057	1146	-11.5	6.0	-818.7	140.6	-18.4	-129.5	17.8
17	206.50	-26.2	6.8	2057	1146	-12.7	6.0	-795.1	133.7	-16.7	-119.4	16.7
18	219.00	-27.4	6.8	2057	1146	-13.3	6.0	-768.9	126.8	-15.1	-109.7	15.6
19	231.50	-28.5	6.8	2057	1146	-13.8	5.9	-741.5	120.0	-13.5	-100.2	14.5
20	244.00	-29.6	6.8	2057	1146	-14.4	5.9	-713.1	113.2	-12.1	-91.1	13.4
21	256.50	-30.8	6.9	2057	1146	-14.9	5.9	-683.4	106.4	-10.7	-82.4	12.5
22	269.00	-31.9	6.9	2057	1146	-15.5	6.0	-652.7	99.6	-9.4	-74.1	11.5
23	281.50	-33.0	7.1	2057	1146	-16.0	6.2	-620.8	92.7	-8.2	-66.1	10.6
24	294.00	-34.1	7.4	2057	1146	-16.6	6.5	-587.8	85.5	-7.1	-58.5	9.7
25	306.50	-35.2	7.6	2057	1146	-17.1	6.7	-553.8	78.2	-6.1	-51.4	8.9
26	319.00	-36.3	7.9	2057	1146	-17.6	6.9	-518.6	70.5	-5.2	-44.7	8.2
27	331.50	-38.3	7.8	2057	1108	-18.6	7.0	-482.3	62.6	-4.3	-38.5	7.5
28	344.00	-38.8	7.5	2057	1034	-18.9	7.2	-444.0	54.8	-3.6	-32.7	6.9
29	356.50	-81.2	13.7	4361	1945	-18.6	7.0	-405.2	47.4	-2.9	-27.4	6.3
30	383.00	-28.7	3.7	1564	615	-18.4	6.0	-324.0	33.7	-1.9	-17.7	5.0
31	392.50	-28.7	3.2	1564	594	-18.4	5.5	-295.3	30.0	-1.6	-14.7	4.4
32	402.00	-28.8	3.0	1564	594	-18.4	5.0	-266.6	26.8	-1.3	-12.1	3.9
33	411.50	-28.9	2.7	1564	594	-18.5	4.5	-237.8	23.8	-1.1	-9.7	3.4
34	421.00	-29.1	2.5	1564	594	-18.6	4.2	-208.9	21.1	-.8	-7.6	2.9
35	430.50	-28.3	2.4	1564	594	-18.1	4.1	-179.8	18.6	-.7	-5.7	2.4
36	440.00	-27.3	2.4	1564	594	-17.5	4.0	-151.5	16.2	-.5	-4.1	1.9
37	449.50	-26.4	2.4	1564	594	-16.9	4.0	-124.2	13.8	-.4	-2.8	1.4
38	459.00	-25.5	2.3	1564	594	-16.3	3.9	-97.8	11.5	-.2	-1.8	1.0
39	468.50	-25.0	2.4	1564	594	-16.0	4.1	-72.3	9.2	-.1	-1.0	.6
ROOF	478.00	-47.3	6.7	2798	1063	-16.9	6.3	-47.3	6.7	-.1	-.4	.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT	Z-MOMENT
										1000-FT-KIPS		
1	0.00	-21.3	-2.3	3404	2573	-6.3	-.9	-835.9	247.2	-78.0	-243.0	9.9
2	19.00	-12.7	-3.6	2240	1146	-5.7	-3.1	-814.6	249.5	-73.2	-227.3	9.3
3	31.50	-12.4	-3.1	2240	1146	-5.6	-2.7	-801.9	253.1	-70.1	-217.2	8.9
4	44.00	-12.5	-2.3	2240	1146	-5.6	-2.0	-789.5	256.2	-66.9	-207.3	8.5
5	56.50	-11.8	-1.5	2240	1146	-5.3	-1.3	-777.0	258.5	-63.7	-197.5	8.3
6	69.00	-11.0	-1.0	2240	1146	-4.9	-.9	-765.2	260.0	-60.5	-187.9	7.9
7	81.50	-10.4	-1.0	2240	1146	-4.6	-.9	-754.1	261.9	-57.2	-178.4	7.6
8	94.00	-9.8	-1.0	2240	1146	-4.4	-.9	-743.7	262.1	-53.9	-169.0	7.2
9	106.50	-9.1	-1.1	2240	1146	-4.1	-.9	-734.0	263.1	-50.7	-159.8	6.8
10	119.00	-11.0	.1	2240	1146	-4.9	.1	-724.8	264.2	-47.4	-150.7	6.4
11	131.50	-17.1	3.6	2194	1146	-7.8	3.2	-713.8	264.1	-44.1	-141.7	6.0
12	144.00	-14.4	7.3	2103	1146	-6.8	6.3	-696.7	260.5	-40.8	-132.8	5.6
13	156.50	-13.5	9.0	2057	1146	-6.6	7.9	-682.4	253.2	-37.6	-124.2	5.1
14	169.00	-15.9	9.9	2057	1146	-7.7	8.6	-668.9	244.2	-34.5	-115.8	4.7
15	181.50	-18.3	10.8	2057	1146	-8.9	9.4	-653.0	234.3	-31.5	-107.5	4.3
16	194.00	-20.7	11.6	2057	1146	-10.0	10.2	-634.7	223.5	-28.6	-99.5	3.9
17	206.50	-23.0	12.5	2057	1146	-11.2	10.9	-614.0	211.9	-25.9	-91.7	3.6
18	219.00	-23.3	12.3	2057	1146	-11.3	10.7	-591.0	199.4	-23.3	-84.1	3.3
19	231.50	-23.6	12.1	2057	1146	-11.5	10.6	-567.7	187.1	-20.9	-76.9	3.0
20	244.00	-23.9	11.9	2057	1146	-11.6	10.4	-544.1	175.0	-18.6	-69.9	2.8
21	256.50	-24.2	11.7	2057	1146	-11.8	10.2	-520.2	163.1	-16.5	-63.3	2.6
22	269.00	-24.7	11.6	2057	1146	-12.0	10.1	-495.9	151.4	-14.6	-56.9	2.4
23	281.50	-25.4	11.5	2057	1146	-12.4	10.0	-471.2	139.8	-12.7	-50.9	2.2
24	294.00	-26.1	11.4	2057	1146	-12.7	9.9	-445.8	128.4	-11.1	-45.2	2.1
25	306.50	-26.9	11.3	2057	1146	-13.1	9.8	-419.7	117.0	-9.5	-39.8	1.9
26	319.00	-27.6	11.2	2057	1146	-13.4	9.8	-392.8	105.7	-8.1	-34.7	1.8
27	331.50	-28.9	10.2	2057	1108	-14.1	9.2	-365.2	94.5	-6.9	-29.9	1.7
28	344.00	-28.9	9.5	2057	1034	-14.0	9.2	-336.3	84.3	-5.8	-25.6	1.6
29	356.50	-58.5	19.8	4361	1945	-13.4	10.2	-307.4	74.9	-4.8	-21.5	1.5
30	383.00	-20.1	5.6	1564	615	-12.8	9.2	-248.8	55.1	-3.0	-14.2	1.2
31	392.50	-20.3	5.0	1564	594	-13.0	8.5	-228.8	49.5	-2.6	-11.9	1.1
32	402.00	-20.5	4.8	1564	594	-13.1	8.0	-208.5	44.4	-2.1	-9.8	.9
33	411.50	-20.8	4.5	1564	594	-13.3	7.6	-188.0	39.7	-1.7	-7.9	.7
34	421.00	-21.0	4.3	1564	594	-13.5	7.2	-167.2	35.2	-1.4	-6.2	.5
35	430.50	-21.1	4.3	1564	594	-13.5	7.2	-146.2	30.9	-1.0	-4.8	.3
36	440.00	-21.2	4.3	1564	594	-13.6	7.2	-125.0	26.6	-.8	-3.5	.1
37	449.50	-21.3	4.3	1564	594	-13.6	7.3	-103.8	22.3	-.5	-2.4	.0
38	459.00	-21.4	4.3	1564	594	-13.7	7.3	-82.5	18.0	-.3	-1.5	-.0
39	468.50	-21.5	4.4	1564	594	-13.8	7.3	-61.2	13.7	-.2	-.8	-.0
ROOF	478.00	-39.6	9.3	2798	1063	-14.2	8.8	-39.6	9.3	-.1	-.3	-.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-8.7	11.6	3404	2573	-2.6	4.5	-580.6	449.6	-130.7	-180.4	-26.5
2	19.00	-5.4	3.8	2240	1146	-2.4	3.3	-571.9	438.0	-122.2	-169.5	-25.8
3	31.50	-5.4	4.0	2240	1146	-2.4	3.5	-566.4	434.2	-116.8	-162.4	-25.4
4	44.00	-5.3	3.7	2240	1146	-2.4	3.3	-561.1	430.2	-111.4	-155.3	-25.0
5	56.50	-5.5	3.5	2240	1146	-2.5	3.0	-555.7	426.5	-106.0	-148.3	-24.7
6	69.00	-5.8	3.2	2240	1146	-2.6	2.8	-550.2	423.0	-100.7	-141.4	-24.3
7	81.50	-5.7	3.5	2240	1146	-2.5	3.1	-544.4	419.8	-95.4	-134.6	-23.9
8	94.00	-5.5	3.8	2240	1146	-2.5	3.3	-538.8	416.3	-90.2	-127.8	-23.5
9	106.50	-5.4	4.1	2240	1146	-2.4	3.6	-533.2	412.4	-85.0	-121.1	-23.1
10	119.00	-5.7	4.8	2240	1146	-2.6	4.2	-527.8	408.3	-79.9	-114.5	-22.8
11	131.50	-6.8	6.4	2194	1146	-3.1	5.6	-522.1	403.5	-74.8	-107.9	-22.4
12	144.00	-6.6	7.4	2103	1146	-3.1	6.4	-515.2	397.1	-69.8	-101.4	-21.9
13	156.50	-6.9	8.5	2057	1146	-3.4	7.4	-508.6	389.7	-64.9	-95.0	-21.4
14	169.00	-8.8	9.7	2057	1146	-4.3	8.5	-501.7	381.3	-60.1	-88.7	-20.9
15	181.50	-10.7	11.0	2057	1146	-5.2	9.6	-492.9	371.5	-55.4	-82.5	-20.3
16	194.00	-12.5	12.3	2057	1146	-6.1	10.7	-482.2	360.5	-50.8	-76.4	-19.6
17	206.50	-14.4	13.7	2057	1146	-7.0	11.9	-469.7	348.2	-46.4	-70.5	-18.9
18	219.00	-15.5	14.5	2057	1146	-7.5	12.7	-455.3	334.5	-42.1	-64.7	-18.0
19	231.50	-16.6	15.4	2057	1146	-8.1	13.5	-439.8	320.0	-38.0	-59.1	-17.1
20	244.00	-17.8	16.3	2057	1146	-8.6	14.2	-423.2	304.5	-34.1	-53.7	-16.2
21	256.50	-18.9	17.2	2057	1146	-9.2	15.0	-405.4	288.2	-30.4	-48.5	-15.3
22	269.00	-19.8	17.9	2057	1146	-9.6	15.6	-386.5	271.0	-26.9	-43.6	-14.3
23	281.50	-20.4	18.4	2057	1146	-9.9	16.0	-366.7	253.1	-23.6	-38.9	-13.3
24	294.00	-21.0	18.8	2057	1146	-10.2	16.4	-346.3	234.7	-20.6	-34.4	-12.3
25	306.50	-21.5	19.2	2057	1146	-10.5	16.8	-325.4	216.0	-17.8	-30.2	-11.3
26	319.00	-22.1	19.7	2057	1146	-10.7	17.1	-303.8	196.7	-15.2	-26.3	-10.2
27	331.50	-23.0	18.7	2057	1108	-11.2	16.8	-281.8	177.1	-12.9	-22.6	-9.2
28	344.00	-22.9	17.2	2057	1034	-11.1	16.6	-258.8	158.4	-10.8	-19.2	-8.2
29	356.50	-46.8	34.1	4361	1945	-10.7	17.6	-235.8	141.2	-8.9	-16.1	-7.3
30	383.00	-16.0	11.2	1564	615	-10.2	18.1	-189.0	107.1	-5.6	-10.5	-5.5
31	392.50	-16.0	10.4	1564	594	-10.3	17.5	-173.0	95.9	-4.6	-8.8	-4.9
32	402.00	-16.2	10.0	1564	594	-10.3	16.8	-157.0	85.5	-3.8	-7.2	-4.4
33	411.50	-16.3	9.6	1564	594	-10.4	16.1	-140.8	75.6	-3.0	-5.8	-3.8
34	421.00	-16.4	9.2	1564	594	-10.5	15.5	-124.5	66.0	-2.3	-4.6	-3.3
35	430.50	-16.3	9.1	1564	594	-10.4	15.3	-108.1	56.8	-1.8	-3.4	-2.8
36	440.00	-16.2	8.9	1564	594	-10.4	15.0	-91.8	47.7	-1.3	-2.5	-2.3
37	449.50	-16.1	8.7	1564	594	-10.3	14.7	-75.6	38.8	-.9	-1.7	-1.9
38	459.00	-16.0	8.6	1564	594	-10.2	14.4	-59.5	30.1	-.5	-1.1	-1.4
39	468.50	-15.8	8.2	1564	594	-10.1	13.8	-43.5	21.5	-.3	-.6	-1.0
ROOF	478.00	-27.7	13.3	2798	1063	-9.9	12.5	-27.7	13.3	-.1	-.2	-.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT	Z-MOMENT
										1000-FT-KIPS		
1	0.00	-11.0	26.8	3404	2573	-3.2	10.4	-620.1	682.9	-194.2	-188.5	-53.7
2	19.00	-6.5	10.1	2240	1146	-2.9	8.9	-609.1	656.1	-181.5	-176.8	-52.1
3	31.50	-6.0	9.9	2240	1146	-2.7	8.6	-602.6	645.9	-173.4	-169.2	-51.3
4	44.00	-5.5	8.8	2240	1146	-2.4	7.7	-596.6	636.0	-165.4	-161.7	-50.5
5	56.50	-6.1	7.8	2240	1146	-2.7	6.8	-591.2	627.2	-157.5	-154.3	-49.8
6	69.00	-7.0	6.8	2240	1146	-3.1	6.0	-585.0	619.4	-149.7	-147.0	-49.0
7	81.50	-8.0	7.6	2240	1146	-3.6	6.6	-578.0	612.6	-142.0	-139.7	-48.2
8	94.00	-9.0	8.3	2240	1146	-4.0	7.3	-570.0	605.0	-134.4	-132.5	-47.3
9	106.50	-10.0	9.1	2240	1146	-4.5	7.9	-561.1	596.7	-126.9	-125.5	-46.3
10	119.00	-12.0	10.1	2240	1146	-5.4	8.8	-551.1	587.6	-119.5	-118.5	-45.3
11	131.50	-15.9	11.8	2194	1146	-7.2	10.3	-539.1	577.5	-112.2	-111.7	-44.2
12	144.00	-12.1	11.9	2103	1146	-5.8	10.4	-523.2	565.7	-105.0	-105.1	-42.9
13	156.50	-10.1	12.6	2057	1146	-4.9	11.0	-511.1	553.8	-98.0	-98.6	-41.7
14	169.00	-11.5	13.6	2057	1146	-5.6	11.9	-501.0	541.2	-91.2	-92.3	-40.6
15	181.50	-12.8	14.7	2057	1146	-6.2	12.8	-489.5	527.6	-84.5	-86.1	-39.3
16	194.00	-14.2	15.8	2057	1146	-6.9	13.8	-476.7	512.9	-78.0	-80.0	-38.0
17	206.50	-15.5	17.0	2057	1146	-7.5	14.8	-462.5	497.1	-71.7	-74.2	-36.6
18	219.00	-15.6	18.4	2057	1146	-7.6	16.1	-447.0	480.1	-65.6	-68.5	-35.2
19	231.50	-15.6	19.8	2057	1146	-7.6	17.3	-431.5	461.7	-59.7	-63.0	-33.8
20	244.00	-15.6	21.2	2057	1146	-7.6	18.5	-415.9	441.9	-54.1	-57.7	-32.3
21	256.50	-15.7	22.7	2057	1146	-7.6	19.8	-400.2	420.6	-48.7	-52.6	-30.8
22	269.00	-15.9	23.3	2057	1146	-7.7	20.3	-384.5	398.0	-43.6	-47.7	-29.2
23	281.50	-16.4	23.4	2057	1146	-8.0	20.5	-368.7	374.7	-38.7	-43.0	-27.7
24	294.00	-16.8	23.6	2057	1146	-8.2	20.6	-352.3	351.2	-34.2	-38.5	-26.1
25	306.50	-17.3	23.7	2057	1146	-8.4	20.7	-335.5	327.6	-29.9	-34.2	-24.6
26	319.00	-17.8	23.9	2057	1146	-8.7	20.8	-318.1	303.9	-26.0	-30.1	-23.0
27	331.50	-19.6	24.1	2057	1108	-9.5	21.7	-300.3	280.0	-22.4	-26.2	-21.5
28	344.00	-20.2	22.7	2057	1034	-9.8	22.0	-280.7	255.9	-19.0	-22.6	-19.9
29	356.50	-42.2	45.7	4361	1945	-9.7	23.5	-260.5	233.2	-15.9	-19.2	-18.3
30	383.00	-14.8	16.4	1564	615	-9.5	26.6	-218.3	187.5	-10.4	-12.9	-15.0
31	392.50	-15.8	16.0	1564	594	-10.1	26.9	-203.5	171.1	-8.7	-10.9	-13.9
32	402.00	-16.7	16.1	1564	594	-10.7	27.1	-187.7	155.1	-7.1	-9.0	-12.7
33	411.50	-17.6	16.2	1564	594	-11.3	27.3	-171.0	139.0	-5.7	-7.3	-11.4
34	421.00	-18.5	16.3	1564	594	-11.9	27.5	-153.4	122.8	-4.5	-5.8	-10.0
35	430.50	-19.0	16.2	1564	594	-12.2	27.3	-134.8	106.5	-3.4	-4.4	-8.6
36	440.00	-19.5	16.0	1564	594	-12.4	27.0	-115.8	90.3	-2.5	-3.2	-7.2
37	449.50	-19.9	15.8	1564	594	-12.7	26.7	-96.3	74.3	-1.7	-2.2	-5.8
38	459.00	-20.3	15.7	1564	594	-13.0	26.4	-76.5	58.4	-1.0	-1.4	-4.5
39	468.50	-20.5	15.5	1564	594	-13.1	26.2	-56.1	42.7	-.6	-.7	-3.1
ROOF	478.00	-35.6	27.2	2798	1063	-12.7	25.6	-35.6	27.2	-.2	-.3	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-12.0	36.3	3404	2573	-3.5	14.1	-639.8	873.2	-238.8	-186.9	-72.3
2	19.00	-6.3	15.2	2240	1146	-2.8	13.2	-627.7	836.9	-222.5	-174.8	-70.4
3	31.50	-5.4	15.4	2240	1146	-2.4	13.5	-621.4	821.7	-212.1	-167.0	-69.2
4	44.00	-4.6	14.4	2240	1146	-2.1	12.6	-616.1	806.3	-202.0	-159.3	-68.2
5	56.50	-5.9	13.3	2240	1146	-2.7	11.6	-611.5	791.9	-192.0	-151.6	-67.2
6	69.00	-7.6	12.1	2240	1146	-3.4	10.6	-605.5	778.6	-182.2	-144.0	-66.1
7	81.50	-9.1	13.1	2240	1146	-4.1	11.4	-597.9	766.4	-172.5	-136.5	-64.7
8	94.00	-10.6	14.0	2240	1146	-4.7	12.2	-588.8	753.4	-163.0	-129.1	-63.3
9	106.50	-12.0	14.9	2240	1146	-5.4	13.0	-578.3	739.4	-153.7	-121.8	-61.8
10	119.00	-15.8	16.1	2240	1146	-7.0	14.0	-566.2	724.5	-144.5	-114.6	-60.2
11	131.50	-23.3	17.7	2194	1146	-10.6	15.4	-550.5	708.4	-135.6	-107.7	-58.4
12	144.00	-15.8	16.4	2103	1146	-7.5	14.3	-527.2	690.7	-126.8	-100.9	-56.3
13	156.50	-11.5	16.5	2057	1146	-5.6	14.4	-511.4	674.4	-118.3	-94.4	-54.5
14	169.00	-13.1	17.5	2057	1146	-6.3	15.3	-499.9	657.9	-110.0	-88.1	-52.7
15	181.50	-14.6	18.5	2057	1146	-7.1	16.1	-486.8	640.4	-101.9	-81.9	-50.9
16	194.00	-16.2	19.5	2057	1146	-7.9	17.0	-472.2	621.9	-94.0	-75.9	-49.0
17	206.50	-17.8	20.6	2057	1146	-8.6	18.0	-455.9	602.4	-86.3	-70.1	-47.1
18	219.00	-17.6	22.0	2057	1146	-8.5	19.2	-438.2	581.8	-78.9	-64.6	-45.2
19	231.50	-17.4	23.5	2057	1146	-8.5	20.5	-420.6	559.8	-71.8	-59.2	-43.2
20	244.00	-17.2	24.9	2057	1146	-8.4	21.7	-403.2	536.3	-64.9	-54.0	-41.2
21	256.50	-17.0	26.3	2057	1146	-8.3	23.0	-386.0	511.4	-58.4	-49.1	-39.3
22	269.00	-17.0	27.6	2057	1146	-8.3	24.1	-369.0	485.1	-52.2	-44.4	-37.3
23	281.50	-17.3	28.5	2057	1146	-8.4	24.9	-352.0	457.5	-46.3	-39.9	-35.3
24	294.00	-17.7	29.4	2057	1146	-8.6	25.7	-334.7	429.0	-40.7	-35.6	-33.4
25	306.50	-18.0	30.3	2057	1146	-8.8	26.5	-317.1	399.6	-35.5	-31.5	-31.4
26	319.00	-18.3	31.3	2057	1146	-8.9	27.3	-299.1	369.2	-30.7	-27.7	-29.4
27	331.50	-20.9	30.6	2057	1108	-10.1	27.6	-280.7	338.0	-26.3	-24.0	-27.4
28	344.00	-20.8	28.3	2057	1034	-10.1	27.3	-259.9	307.4	-22.3	-20.7	-25.4
29	356.50	-38.4	57.6	4361	1945	-8.8	29.6	-239.1	279.1	-18.6	-17.5	-23.5
30	383.00	-12.4	20.4	1564	615	-7.9	33.1	-200.6	221.5	-12.0	-11.7	-19.5
31	392.50	-13.8	19.7	1564	594	-8.9	33.1	-188.2	201.2	-10.0	-9.9	-18.1
32	402.00	-15.3	19.7	1564	594	-9.8	33.1	-174.4	181.5	-8.2	-8.2	-16.5
33	411.50	-16.7	19.6	1564	594	-10.7	33.1	-159.1	161.8	-6.5	-6.6	-14.9
34	421.00	-18.2	19.6	1564	594	-11.6	33.1	-142.4	142.2	-5.1	-5.1	-13.1
35	430.50	-18.7	19.3	1564	594	-12.0	32.5	-124.2	122.6	-3.8	-3.9	-11.1
36	440.00	-19.0	19.0	1564	594	-12.2	31.9	-105.5	103.2	-2.8	-2.8	-9.2
37	449.50	-19.4	18.6	1564	594	-12.4	31.3	-86.4	84.3	-1.9	-1.9	-7.3
38	459.00	-19.7	18.2	1564	594	-12.6	30.7	-67.1	65.7	-1.2	-1.1	-5.5
39	468.50	-19.3	17.8	1564	594	-12.4	30.0	-47.3	47.4	-.6	-.6	-3.7
ROOF	478.00	-28.0	29.6	2798	1063	-10.0	27.9	-28.0	29.6	-.3	-.2	-2.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-11.0	48.1	3404	2573	-3.2	18.7	-395.2	954.2	-242.6	-104.5	-75.8
2	19.00	-5.2	19.7	2240	1146	-2.3	17.2	-384.2	906.2	-224.9	-97.1	-73.6
3	31.50	-3.8	20.1	2240	1146	-1.7	17.5	-379.0	886.4	-213.7	-92.4	-72.4
4	44.00	-2.5	19.1	2240	1146	-1.1	16.7	-375.2	866.4	-202.8	-87.6	-71.3
5	56.50	-4.1	18.1	2240	1146	-1.8	15.8	-372.8	847.3	-192.1	-83.0	-70.3
6	69.00	-6.3	16.8	2240	1146	-2.8	14.7	-368.6	829.1	-181.6	-78.3	-69.0
7	81.50	-7.6	17.9	2240	1146	-3.4	15.6	-362.3	812.3	-171.3	-73.8	-67.5
8	94.00	-9.0	19.0	2240	1146	-4.0	16.6	-354.7	794.4	-161.3	-69.3	-66.0
9	106.50	-10.4	20.1	2240	1146	-4.6	17.5	-345.7	775.4	-151.5	-64.9	-64.3
10	119.00	-14.5	21.5	2240	1146	-6.5	18.8	-335.3	755.3	-141.9	-60.7	-62.6
11	131.50	-23.2	23.9	2194	1146	-10.6	20.8	-320.8	733.8	-132.6	-56.6	-60.6
12	144.00	-13.1	22.0	2103	1146	-6.3	19.2	-297.6	709.9	-123.6	-52.7	-58.2
13	156.50	-7.1	21.5	2057	1146	-3.4	18.8	-284.4	688.0	-114.8	-49.1	-56.1
14	169.00	-8.5	22.0	2057	1146	-4.1	19.2	-277.4	666.5	-106.4	-45.5	-54.2
15	181.50	-9.8	22.6	2057	1146	-4.8	19.7	-268.9	644.4	-98.2	-42.1	-52.2
16	194.00	-11.2	23.1	2057	1146	-5.5	20.1	-259.1	621.9	-90.3	-38.8	-50.2
17	206.50	-12.6	23.7	2057	1146	-6.1	20.7	-247.9	598.8	-82.6	-35.7	-48.2
18	219.00	-12.0	24.7	2057	1146	-5.8	21.6	-235.3	575.1	-75.3	-32.6	-46.1
19	231.50	-11.5	25.8	2057	1146	-5.6	22.5	-223.3	550.4	-68.3	-29.8	-44.0
20	244.00	-10.9	26.8	2057	1146	-5.3	23.4	-211.8	524.6	-61.5	-27.1	-42.0
21	256.50	-10.4	27.8	2057	1146	-5.1	24.3	-200.8	497.8	-55.2	-24.5	-40.0
22	269.00	-10.0	28.6	2057	1146	-4.9	25.0	-190.4	470.0	-49.1	-22.0	-38.0
23	281.50	-9.9	29.3	2057	1146	-4.8	25.6	-180.4	441.3	-43.4	-19.7	-36.0
24	294.00	-9.7	30.0	2057	1146	-4.7	26.2	-170.5	412.0	-38.1	-17.5	-34.0
25	306.50	-9.6	30.7	2057	1146	-4.7	26.8	-160.8	382.0	-33.1	-15.4	-31.9
26	319.00	-9.5	31.4	2057	1146	-4.6	27.4	-151.2	351.3	-28.5	-13.5	-29.9
27	331.50	-11.2	30.6	2057	1108	-5.5	27.6	-141.7	320.0	-24.3	-11.7	-27.8
28	344.00	-11.1	28.0	2057	1034	-5.4	27.1	-130.5	289.4	-20.5	-10.0	-25.7
29	356.50	-19.2	55.9	4361	1945	-4.4	28.8	-119.4	261.4	-17.1	-8.4	-23.7
30	383.00	-5.4	19.3	1564	615	-3.5	31.4	-100.2	205.5	-10.9	-5.5	-19.5
31	392.50	-7.0	18.7	1564	594	-4.5	31.5	-94.8	186.1	-9.0	-4.6	-18.5
32	402.00	-8.4	18.8	1564	594	-5.4	31.6	-87.8	167.4	-7.4	-3.7	-16.5
33	411.50	-9.8	18.8	1564	594	-6.3	31.7	-79.4	148.6	-5.9	-2.9	-14.7
34	421.00	-11.2	18.9	1564	594	-7.2	31.8	-69.6	129.8	-4.5	-2.2	-12.9
35	430.50	-11.1	18.4	1564	594	-7.1	30.9	-58.4	110.9	-3.4	-1.6	-10.9
36	440.00	-10.7	17.7	1564	594	-6.8	29.9	-47.4	92.6	-2.4	-1.1	-8.9
37	449.50	-10.3	17.1	1564	594	-6.6	28.9	-36.7	74.8	-1.6	-.7	-7.1
38	459.00	-9.9	16.5	1564	594	-6.3	27.9	-26.4	57.7	-1.0	-.4	-5.3
39	468.50	-8.8	15.9	1564	594	-5.6	26.7	-16.6	41.1	-.5	-.2	-3.5
ROOF	478.00	-7.8	25.3	2798	1063	-2.8	23.8	-7.8	25.3	-.2	-.1	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-14.6	49.0	3404	2573	-4.3	19.0	-394.0	850.4	-216.0	-102.8	-68.2
2	19.00	-6.7	17.9	2240	1146	-3.0	15.6	-379.4	801.4	-200.3	-95.5	-66.2
3	31.50	-4.5	16.6	2240	1146	-2.0	14.5	-372.7	783.6	-190.4	-90.8	-65.1
4	44.00	-2.4	15.4	2240	1146	-1.1	13.4	-368.2	766.9	-180.7	-86.1	-64.1
5	56.50	-3.0	14.1	2240	1146	-1.4	12.3	-365.7	751.5	-171.2	-81.5	-63.4
6	69.00	-4.2	13.0	2240	1146	-1.9	11.3	-362.7	737.4	-161.9	-77.0	-62.5
7	81.50	-6.5	14.9	2240	1146	-2.9	13.0	-358.5	724.4	-152.8	-72.5	-61.4
8	94.00	-8.9	16.9	2240	1146	-4.0	14.8	-352.0	709.5	-143.8	-68.0	-60.1
9	106.50	-11.3	18.9	2240	1146	-5.0	16.5	-343.1	692.6	-135.0	-63.7	-58.6
10	119.00	-15.3	20.7	2240	1146	-6.8	18.1	-331.8	673.7	-126.5	-59.5	-57.0
11	131.50	-21.7	22.2	2194	1146	-9.9	19.4	-316.5	653.0	-118.2	-55.4	-55.1
12	144.00	-13.7	20.2	2103	1146	-6.5	17.7	-294.8	630.8	-110.2	-51.6	-52.9
13	156.50	-8.9	19.7	2057	1146	-4.3	17.2	-281.0	610.5	-102.4	-48.0	-51.0
14	169.00	-9.6	20.0	2057	1146	-4.6	17.5	-272.1	590.8	-94.9	-44.5	-49.3
15	181.50	-10.2	20.4	2057	1146	-5.0	17.8	-262.6	570.8	-87.7	-41.2	-47.4
16	194.00	-10.9	20.7	2057	1146	-5.3	18.1	-252.4	550.4	-80.7	-38.0	-45.6
17	206.50	-11.5	21.1	2057	1146	-5.6	18.4	-241.5	529.7	-73.9	-34.9	-43.7
18	219.00	-10.9	22.0	2057	1146	-5.3	19.2	-230.0	508.6	-67.4	-31.9	-41.7
19	231.50	-10.3	22.9	2057	1146	-5.0	20.0	-219.0	486.6	-61.2	-29.1	-39.8
20	244.00	-9.8	23.7	2057	1146	-4.7	20.7	-208.7	463.7	-55.3	-26.5	-37.9
21	256.50	-9.2	24.6	2057	1146	-4.5	21.5	-198.9	440.0	-49.6	-23.9	-36.0
22	269.00	-9.0	25.0	2057	1146	-4.4	21.9	-189.8	415.4	-44.3	-21.5	-34.2
23	281.50	-9.6	25.3	2057	1146	-4.7	22.1	-180.8	390.4	-39.2	-19.2	-32.4
24	294.00	-10.2	25.6	2057	1146	-4.9	22.4	-171.2	365.1	-34.5	-17.0	-30.6
25	306.50	-10.8	25.9	2057	1146	-5.2	22.6	-161.1	339.4	-30.1	-14.9	-28.8
26	319.00	-11.3	26.2	2057	1146	-5.5	22.9	-150.3	313.5	-26.0	-13.0	-27.0
27	331.50	-12.3	25.9	2057	1108	-6.0	23.4	-138.9	287.3	-22.3	-11.1	-25.1
28	344.00	-11.6	24.2	2057	1034	-5.6	23.4	-126.7	261.4	-18.8	-9.5	-23.3
29	356.50	-19.9	49.4	4361	1945	-4.6	25.4	-115.1	237.2	-15.7	-8.0	-21.5
30	383.00	-6.1	17.5	1564	615	-3.9	28.5	-95.1	187.8	-10.1	-5.2	-17.8
31	392.50	-7.0	16.8	1564	594	-4.5	28.4	-89.0	170.3	-8.4	-4.3	-16.5
32	402.00	-8.0	16.8	1564	594	-5.1	28.4	-82.0	153.5	-6.8	-3.5	-15.1
33	411.50	-8.9	16.9	1564	594	-5.7	28.4	-74.1	136.6	-5.5	-2.8	-13.5
34	421.00	-9.9	16.8	1564	594	-6.3	28.3	-65.1	119.8	-4.2	-2.1	-11.9
35	430.50	-9.9	16.5	1564	594	-6.4	27.8	-55.3	102.9	-3.2	-1.5	-10.2
36	440.00	-9.8	16.1	1564	594	-6.3	27.2	-45.3	86.4	-2.3	-1.0	-8.4
37	449.50	-9.7	15.8	1564	594	-6.2	26.6	-35.5	70.3	-1.5	-.7	-6.7
38	459.00	-9.6	15.4	1564	594	-6.2	25.9	-25.8	54.5	-1.0	-.4	-5.1
39	468.50	-8.7	15.0	1564	594	-5.6	25.3	-16.1	39.1	-.5	-.2	-3.4
ROOF	478.00	-7.4	24.1	2798	1063	-2.6	22.7	-7.4	24.1	-.2	-.1	-1.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-11.8	37.8	3404	2573	-3.5	14.7	-466.5	729.6	-193.0	-139.7	-63.9
2	19.00	-5.5	13.9	2240	1146	-2.5	12.1	-454.8	691.8	-179.5	-130.9	-62.3
3	31.50	-3.6	13.0	2240	1146	-1.6	11.4	-449.3	677.9	-170.9	-125.3	-61.4
4	44.00	-1.6	12.3	2240	1146	-.7	10.8	-445.7	664.9	-162.6	-119.7	-60.7
5	56.50	-1.9	11.6	2240	1146	-.9	10.1	-444.1	652.6	-154.3	-114.1	-60.1
6	69.00	-2.6	10.9	2240	1146	-1.2	9.5	-442.1	641.0	-146.2	-108.6	-59.5
7	81.50	-4.0	12.1	2240	1146	-1.8	10.6	-439.5	630.1	-138.3	-103.1	-58.7
8	94.00	-5.5	13.3	2240	1146	-2.4	11.6	-435.5	617.9	-130.5	-97.6	-57.7
9	106.50	-6.9	14.6	2240	1146	-3.1	12.7	-430.0	604.6	-122.9	-92.2	-56.7
10	119.00	-9.5	15.9	2240	1146	-4.2	13.9	-423.1	590.0	-115.4	-86.8	-55.4
11	131.50	-13.9	17.2	2194	1146	-6.3	15.0	-413.7	574.2	-108.1	-81.6	-54.0
12	144.00	-9.6	15.4	2103	1146	-4.6	13.4	-399.8	557.0	-101.0	-76.5	-52.2
13	156.50	-7.2	14.9	2057	1146	-3.5	13.0	-390.2	541.6	-94.2	-71.6	-50.6
14	169.00	-7.9	15.3	2057	1146	-3.8	13.4	-383.0	526.7	-87.5	-66.8	-49.0
15	181.50	-8.6	15.7	2057	1146	-4.2	13.7	-375.1	511.4	-81.0	-62.0	-47.4
16	194.00	-9.3	16.1	2057	1146	-4.5	14.0	-366.5	495.7	-74.7	-57.4	-45.7
17	206.50	-10.0	16.5	2057	1146	-4.9	14.4	-357.2	479.6	-68.6	-52.9	-43.9
18	219.00	-11.2	17.7	2057	1146	-5.4	15.4	-347.2	463.1	-62.7	-48.5	-42.1
19	231.50	-12.3	18.9	2057	1146	-6.0	16.5	-336.0	445.4	-57.0	-44.2	-40.3
20	244.00	-13.5	20.2	2057	1146	-6.6	17.5	-323.6	426.6	-51.6	-40.1	-38.3
21	256.50	-14.7	21.2	2057	1146	-7.1	18.5	-310.1	406.5	-46.4	-36.1	-36.4
22	269.00	-15.6	22.0	2057	1146	-7.6	19.2	-295.5	385.4	-41.4	-32.3	-34.4
23	281.50	-16.3	22.6	2057	1146	-7.9	19.7	-279.8	363.4	-36.8	-28.7	-32.5
24	294.00	-16.9	23.3	2057	1146	-8.2	20.3	-263.5	340.7	-32.4	-25.3	-30.6
25	306.50	-17.5	23.9	2057	1146	-8.5	20.9	-246.7	317.5	-28.2	-22.1	-28.7
26	319.00	-18.1	24.5	2057	1146	-8.8	21.4	-229.2	293.6	-24.4	-19.2	-26.8
27	331.50	-19.7	24.4	2057	1108	-9.6	22.0	-211.1	269.1	-20.9	-16.4	-25.0
28	344.00	-19.0	22.9	2057	1034	-9.2	22.2	-191.5	244.7	-17.7	-13.9	-23.1
29	356.50	-34.0	46.5	4361	1945	-7.8	23.9	-172.4	221.8	-14.8	-11.6	-21.4
30	383.00	-11.0	16.1	1564	615	-7.0	26.1	-138.4	175.3	-9.5	-7.5	-17.4
31	392.50	-11.6	15.4	1564	594	-7.4	25.9	-127.5	159.2	-7.9	-6.2	-16.1
32	402.00	-12.1	15.4	1564	594	-7.7	25.9	-115.9	143.8	-6.5	-5.1	-14.7
33	411.50	-12.6	15.4	1564	594	-8.1	26.0	-103.8	128.4	-5.2	-4.0	-13.2
34	421.00	-13.2	15.4	1564	594	-8.4	26.0	-91.1	113.0	-4.1	-3.1	-11.6
35	430.50	-13.1	15.2	1564	594	-8.3	25.7	-78.0	97.6	-3.1	-2.3	-10.0
36	440.00	-12.8	15.0	1564	594	-8.2	25.3	-64.9	82.4	-2.2	-1.6	-8.4
37	449.50	-12.6	14.8	1564	594	-8.1	25.0	-52.1	67.3	-1.5	-1.1	-6.8
38	459.00	-12.4	14.6	1564	594	-7.9	24.6	-39.5	52.5	-.9	-.6	-5.2
39	468.50	-11.7	14.3	1564	594	-7.5	24.1	-27.1	37.9	-.5	-.3	-3.6
ROOF	478.00	-15.5	23.5	2798	1063	-5.5	22.1	-15.5	23.5	-.2	-.1	-2.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-14.7	36.4	3404	2573	-4.3	14.1	-624.6	858.4	-228.0	-193.1	-77.8
2	19.00	-6.7	15.6	2240	1146	-3.0	13.6	-609.8	822.0	-212.1	-181.3	-76.3
3	31.50	-4.3	15.3	2240	1146	-1.9	13.4	-603.1	806.4	-201.9	-173.8	-75.4
4	44.00	-1.9	14.3	2240	1146	-.8	12.5	-598.8	791.1	-191.9	-166.3	-74.7
5	56.50	-1.8	13.2	2240	1146	-.8	11.5	-597.0	776.8	-182.1	-158.8	-74.1
6	69.00	-2.2	12.3	2240	1146	-1.0	10.7	-595.1	763.6	-172.5	-151.3	-73.5
7	81.50	-3.3	13.7	2240	1146	-1.5	12.0	-592.9	751.3	-163.0	-143.9	-72.6
8	94.00	-4.4	15.2	2240	1146	-2.0	13.2	-589.6	737.6	-153.7	-136.5	-71.6
9	106.50	-5.6	16.6	2240	1146	-2.5	14.5	-585.2	722.4	-144.6	-129.2	-70.4
10	119.00	-7.6	17.9	2240	1146	-3.4	15.6	-579.6	705.8	-135.6	-121.9	-69.0
11	131.50	-11.1	18.9	2194	1146	-5.0	16.5	-572.1	687.9	-126.9	-114.7	-67.4
12	144.00	-10.2	17.9	2103	1146	-4.8	15.6	-561.0	669.0	-118.5	-107.6	-65.4
13	156.50	-10.0	18.0	2057	1146	-4.9	15.7	-550.8	651.1	-110.2	-100.7	-63.5
14	169.00	-11.0	18.7	2057	1146	-5.3	16.3	-540.9	633.1	-102.2	-93.8	-61.5
15	181.50	-12.0	19.3	2057	1146	-5.8	16.9	-529.9	614.5	-94.4	-87.1	-59.5
16	194.00	-13.0	20.0	2057	1146	-6.3	17.5	-517.9	595.1	-86.8	-80.6	-57.2
17	206.50	-14.0	20.7	2057	1146	-6.8	18.1	-505.0	575.1	-79.5	-74.2	-54.9
18	219.00	-15.6	22.3	2057	1146	-7.6	19.5	-491.0	554.4	-72.4	-68.0	-52.4
19	231.50	-17.2	23.9	2057	1146	-8.4	20.8	-475.4	532.1	-65.7	-61.9	-49.9
20	244.00	-18.9	25.4	2057	1146	-9.2	22.2	-458.2	508.2	-59.2	-56.1	-47.4
21	256.50	-20.5	27.0	2057	1146	-10.0	23.6	-439.3	482.8	-53.0	-50.5	-44.9
22	269.00	-22.0	28.0	2057	1146	-10.7	24.4	-418.8	455.8	-47.1	-45.1	-42.3
23	281.50	-23.3	28.7	2057	1146	-11.3	25.0	-396.7	427.9	-41.6	-40.0	-39.8
24	294.00	-24.6	29.4	2057	1146	-11.9	25.7	-373.4	399.2	-36.4	-35.2	-37.2
25	306.50	-25.9	30.1	2057	1146	-12.6	26.3	-348.8	369.8	-31.6	-30.7	-34.7
26	319.00	-27.1	30.9	2057	1146	-13.2	26.9	-323.0	339.6	-27.2	-26.5	-32.2
27	331.50	-28.2	31.0	2057	1108	-13.7	28.0	-295.8	308.8	-23.1	-22.6	-29.8
28	344.00	-27.0	29.0	2057	1034	-13.1	28.0	-267.6	277.7	-19.4	-19.1	-27.3
29	356.50	-49.9	56.0	4361	1945	-11.4	28.8	-240.6	248.7	-16.2	-15.9	-25.0
30	383.00	-16.1	18.3	1564	615	-10.3	29.7	-190.7	192.7	-10.3	-10.2	-20.3
31	392.50	-16.7	17.4	1564	594	-10.7	29.3	-174.6	174.4	-8.6	-8.5	-18.6
32	402.00	-17.1	17.4	1564	594	-11.0	29.2	-157.9	157.0	-7.0	-6.9	-16.9
33	411.50	-17.5	17.3	1564	594	-11.2	29.2	-140.7	139.7	-5.6	-5.5	-15.2
34	421.00	-18.0	17.3	1564	594	-11.5	29.1	-123.2	122.3	-4.3	-4.2	-13.4
35	430.50	-17.6	16.9	1564	594	-11.3	28.5	-105.2	105.1	-3.3	-3.2	-11.5
36	440.00	-17.2	16.5	1564	594	-11.0	27.7	-87.6	88.2	-2.3	-2.2	-9.6
37	449.50	-16.7	16.1	1564	594	-10.7	27.0	-70.4	71.7	-1.6	-1.5	-7.8
38	459.00	-16.3	15.6	1564	594	-10.4	26.3	-53.7	55.6	-1.0	-.9	-6.0
39	468.50	-15.4	15.3	1564	594	-9.8	25.7	-37.4	40.0	-.5	-.5	-4.2
ROOF	478.00	-22.0	24.7	2798	1063	-7.9	23.3	-22.0	24.7	-.2	-.2	-2.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-15.9	32.9	3404	2573	-4.7	12.8	-537.7	840.4	-220.5	-172.9	-76.1
2	19.00	-7.2	16.2	2240	1146	-3.2	14.1	-521.8	807.5	-204.8	-162.9	-74.8
3	31.50	-4.5	16.9	2240	1146	-2.0	14.8	-514.6	791.4	-194.9	-156.4	-74.1
4	44.00	-1.8	15.7	2240	1146	-.8	13.7	-510.1	774.4	-185.1	-150.0	-73.4
5	56.50	-1.4	14.5	2240	1146	-.6	12.7	-508.3	758.7	-175.5	-143.6	-72.8
6	69.00	-1.3	13.4	2240	1146	-.6	11.7	-506.9	744.2	-166.1	-137.3	-72.2
7	81.50	-1.8	14.4	2240	1146	-.8	12.6	-505.6	730.7	-156.9	-130.9	-71.4
8	94.00	-2.2	15.5	2240	1146	-1.0	13.5	-503.8	716.3	-147.8	-124.6	-70.4
9	106.50	-2.6	16.5	2240	1146	-1.2	14.4	-501.6	700.8	-139.0	-118.4	-69.2
10	119.00	-3.9	17.8	2240	1146	-1.7	15.5	-499.0	684.4	-130.3	-112.1	-67.9
11	131.50	-6.7	19.3	2194	1146	-3.0	16.8	-495.1	666.6	-121.9	-105.9	-66.3
12	144.00	-6.6	18.3	2103	1146	-3.1	16.0	-488.5	647.3	-113.7	-99.7	-64.4
13	156.50	-6.8	18.4	2057	1146	-3.3	16.0	-481.8	629.0	-105.7	-93.7	-62.6
14	169.00	-7.5	19.0	2057	1146	-3.7	16.6	-475.0	610.6	-97.9	-87.7	-60.8
15	181.50	-8.2	19.7	2057	1146	-4.0	17.2	-467.5	591.6	-90.4	-81.8	-58.8
16	194.00	-9.0	20.3	2057	1146	-4.4	17.7	-459.2	572.0	-83.1	-76.0	-56.7
17	206.50	-9.7	20.9	2057	1146	-4.7	18.3	-450.3	551.7	-76.1	-70.3	-54.5
18	219.00	-11.1	22.1	2057	1146	-5.4	19.3	-440.6	530.7	-69.4	-64.8	-52.2
19	231.50	-12.6	23.4	2057	1146	-6.1	20.4	-429.5	508.6	-62.9	-59.3	-49.9
20	244.00	-14.0	24.6	2057	1146	-6.8	21.5	-416.9	485.2	-56.7	-54.0	-47.5
21	256.50	-15.4	25.8	2057	1146	-7.5	22.5	-402.9	460.6	-50.7	-48.9	-45.2
22	269.00	-16.9	26.6	2057	1146	-8.2	23.2	-387.4	434.8	-45.1	-44.0	-42.8
23	281.50	-18.4	27.3	2057	1146	-9.0	23.8	-370.5	408.2	-39.9	-39.2	-40.4
24	294.00	-19.9	28.0	2057	1146	-9.7	24.4	-352.1	380.9	-34.9	-34.7	-38.0
25	306.50	-21.5	28.6	2057	1146	-10.4	25.0	-332.1	353.0	-30.4	-30.4	-35.6
26	319.00	-23.0	29.3	2057	1146	-11.2	25.6	-310.7	324.3	-26.1	-26.4	-33.2
27	331.50	-25.6	28.8	2057	1108	-12.4	26.0	-287.7	295.0	-22.3	-22.7	-30.8
28	344.00	-24.9	26.8	2057	1034	-12.1	25.9	-262.1	266.2	-18.7	-19.2	-28.3
29	356.50	-44.7	53.0	4361	1945	-10.3	27.3	-237.2	239.4	-15.6	-16.1	-25.9
30	383.00	-14.6	17.7	1564	615	-9.3	28.8	-192.4	186.3	-9.9	-10.4	-21.5
31	392.50	-15.6	16.9	1564	594	-10.0	28.4	-177.9	168.7	-8.3	-8.7	-19.5
32	402.00	-16.8	16.8	1564	594	-10.8	28.3	-162.2	151.8	-6.7	-7.1	-17.8
33	411.50	-18.0	16.7	1564	594	-11.5	28.2	-145.4	135.0	-5.4	-5.6	-16.0
34	421.00	-19.2	16.7	1564	594	-12.3	28.1	-127.4	118.3	-4.2	-4.3	-14.1
35	430.50	-18.8	16.4	1564	594	-12.0	27.6	-108.3	101.6	-3.1	-3.2	-12.1
36	440.00	-18.2	16.0	1564	594	-11.6	27.0	-89.4	85.2	-2.2	-2.2	-10.1
37	449.50	-17.5	15.7	1564	594	-11.2	26.5	-71.3	69.2	-1.5	-1.5	-8.2
38	459.00	-16.9	15.4	1564	594	-10.8	25.9	-53.5	53.5	-.9	-.9	-6.3
39	468.50	-15.7	14.8	1564	594	-10.1	25.0	-36.8	38.1	-.5	-.5	-4.4
ROOF	478.00	-21.1	23.2	2798	1063	-7.5	21.9	-21.1	23.2	-.2	-.2	-2.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	-4.9	23.5	3404	2573	-1.4	9.1	-54.2	569.7	-145.0	-36.3	-37.8
2	19.00	-.1	11.1	2240	1146	-.1	9.7	-49.3	546.2	-134.4	-35.3	-37.1
3	31.50	2.2	11.9	2240	1146	1.0	10.4	-49.2	535.1	-127.7	-34.7	-36.8
4	44.00	4.6	11.4	2240	1146	2.0	9.9	-51.4	523.2	-121.1	-34.1	-36.6
5	56.50	4.6	10.8	2240	1146	2.1	9.5	-56.0	511.9	-114.6	-33.4	-36.5
6	69.00	4.3	10.4	2240	1146	1.9	9.1	-60.6	501.0	-108.3	-32.7	-36.4
7	81.50	4.6	11.4	2240	1146	2.0	10.0	-64.9	490.6	-102.1	-31.9	-36.0
8	94.00	4.8	12.4	2240	1146	2.2	10.8	-69.5	479.2	-96.0	-31.1	-35.6
9	106.50	5.1	13.4	2240	1146	2.3	11.7	-74.3	466.8	-90.1	-30.2	-35.2
10	119.00	4.6	14.6	2240	1146	2.0	12.7	-79.4	453.4	-84.3	-29.2	-34.7
11	131.50	2.6	15.7	2194	1146	1.2	13.7	-84.0	438.8	-78.8	-28.2	-34.0
12	144.00	3.5	14.5	2103	1146	1.7	12.6	-86.6	423.1	-73.4	-27.1	-33.2
13	156.50	3.9	14.0	2057	1146	1.9	12.2	-90.1	408.7	-68.2	-26.0	-32.4
14	169.00	3.5	14.0	2057	1146	1.7	12.2	-94.0	394.6	-63.2	-24.9	-31.7
15	181.50	3.0	14.0	2057	1146	1.5	12.3	-97.5	380.6	-58.3	-23.7	-30.9
16	194.00	2.5	14.1	2057	1146	1.2	12.3	-100.5	366.6	-53.7	-22.4	-30.0
17	206.50	2.1	14.1	2057	1146	1.0	12.3	-103.0	352.5	-49.2	-21.1	-29.1
18	219.00	1.5	14.6	2057	1146	.7	12.7	-105.0	338.4	-44.8	-19.8	-28.1
19	231.50	.9	15.1	2057	1146	.4	13.2	-106.5	323.8	-40.7	-18.5	-27.1
20	244.00	.3	15.6	2057	1146	.2	13.6	-107.4	308.8	-36.7	-17.2	-26.0
21	256.50	-.2	16.1	2057	1146	-.1	14.1	-107.7	293.2	-33.0	-15.8	-25.0
22	269.00	-.9	16.4	2057	1146	-.5	14.3	-107.5	277.1	-29.4	-14.5	-23.9
23	281.50	-1.8	16.8	2057	1146	-.9	14.7	-106.6	260.6	-26.1	-13.2	-22.8
24	294.00	-2.8	17.2	2057	1146	-1.3	15.0	-104.7	243.8	-22.9	-11.8	-21.6
25	306.50	-3.7	17.6	2057	1146	-1.8	15.3	-102.0	226.7	-20.0	-10.5	-20.5
26	319.00	-4.6	17.9	2057	1146	-2.2	15.6	-98.3	209.1	-17.2	-9.3	-19.3
27	331.50	-5.4	17.5	2057	1108	-2.6	15.8	-93.7	191.2	-14.7	-8.1	-18.0
28	344.00	-5.6	16.3	2057	1034	-2.7	15.8	-88.3	173.7	-12.5	-7.0	-16.7
29	356.50	-12.2	33.1	4361	1945	-2.8	17.0	-82.7	157.4	-10.4	-5.9	-15.5
30	383.00	-4.5	11.5	1564	615	-2.9	18.6	-70.5	124.2	-6.7	-3.9	-12.9
31	392.50	-5.1	11.1	1564	594	-3.3	18.7	-65.9	112.8	-5.5	-3.2	-11.9
32	402.00	-5.9	11.1	1564	594	-3.8	18.8	-60.8	101.7	-4.5	-2.6	-10.9
33	411.50	-6.8	11.2	1564	594	-4.3	18.9	-54.9	90.5	-3.6	-2.1	-9.8
34	421.00	-7.6	11.2	1564	594	-4.8	18.9	-48.1	79.3	-2.8	-1.6	-8.6
35	430.50	-7.4	11.0	1564	594	-4.7	18.6	-40.5	68.1	-2.1	-1.2	-7.3
36	440.00	-7.1	10.7	1564	594	-4.5	18.1	-33.1	57.0	-1.5	-.8	-6.1
37	449.50	-6.8	10.5	1564	594	-4.3	17.6	-26.0	46.3	-1.0	-.5	-4.9
38	459.00	-6.4	10.2	1564	594	-4.1	17.2	-19.3	35.8	-.6	-.3	-3.7
39	468.50	-5.8	9.9	1564	594	-3.7	16.6	-12.9	25.6	-.3	-.2	-2.6
ROOF	478.00	-7.0	15.8	2798	1063	-2.5	14.9	-7.0	15.8	-.1	-.1	-1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	.5	19.8	3404	2573	.1	7.7	241.9	525.2	-140.7	61.7	-15.5
2	19.00	2.0	9.5	2240	1146	.9	8.3	241.4	505.4	-130.9	57.1	-14.9
3	31.50	3.9	9.9	2240	1146	1.7	8.6	239.4	495.9	-124.6	54.1	-14.7
4	44.00	6.0	9.4	2240	1146	2.7	8.2	235.5	486.1	-118.5	51.2	-14.7
5	56.50	6.2	8.9	2240	1146	2.7	7.7	229.5	476.7	-112.5	48.2	-14.7
6	69.00	6.0	8.5	2240	1146	2.7	7.4	223.4	467.8	-106.8	45.4	-14.8
7	81.50	6.7	9.0	2240	1146	3.0	7.9	217.4	459.3	-100.8	42.7	-14.7
8	94.00	7.4	9.5	2240	1146	3.3	8.3	210.7	450.3	-95.1	40.0	-14.6
9	106.50	8.1	10.0	2240	1146	3.6	8.7	203.2	440.7	-89.5	37.4	-14.5
10	119.00	8.1	10.7	2240	1146	3.6	9.3	195.1	430.7	-84.1	34.9	-14.4
11	131.50	6.8	11.6	2194	1146	3.1	10.1	187.0	420.0	-78.7	32.5	-14.2
12	144.00	6.9	11.1	2103	1146	3.3	9.7	180.2	408.5	-73.6	30.2	-13.9
13	156.50	7.1	11.2	2057	1146	3.4	9.7	173.3	397.4	-68.5	28.0	-13.6
14	169.00	7.3	11.5	2057	1146	3.5	10.1	166.2	386.2	-63.6	25.9	-13.4
15	181.50	7.4	11.9	2057	1146	3.6	10.4	159.0	374.7	-58.9	23.9	-13.1
16	194.00	7.6	12.3	2057	1146	3.7	10.8	151.5	362.7	-54.3	21.9	-12.7
17	206.50	7.8	12.7	2057	1146	3.8	11.1	143.9	350.4	-49.8	20.1	-12.4
18	219.00	7.6	13.4	2057	1146	3.7	11.7	136.0	337.7	-45.5	18.3	-12.0
19	231.50	7.3	14.1	2057	1146	3.6	12.3	128.5	324.2	-41.4	16.7	-11.6
20	244.00	7.1	14.9	2057	1146	3.5	13.0	121.1	310.1	-37.4	15.1	-11.1
21	256.50	6.9	15.6	2057	1146	3.3	13.6	114.0	295.2	-33.6	13.6	-10.6
22	269.00	6.5	16.0	2057	1146	3.2	14.0	107.2	279.6	-30.0	12.3	-10.0
23	281.50	6.0	16.5	2057	1146	2.9	14.4	100.6	263.6	-26.6	11.0	-9.4
24	294.00	5.6	17.0	2057	1146	2.7	14.8	94.6	247.1	-23.4	9.7	-8.8
25	306.50	5.1	17.4	2057	1146	2.5	15.2	89.0	230.2	-20.5	8.6	-8.1
26	319.00	4.6	17.9	2057	1146	2.2	15.6	84.0	212.8	-17.7	7.5	-7.4
27	331.50	4.8	18.0	2057	1108	2.3	16.3	79.4	194.9	-15.1	6.5	-6.9
28	344.00	5.5	17.4	2057	1034	2.7	16.9	74.6	176.8	-12.7	5.5	-5.9
29	356.50	14.5	34.0	4361	1945	3.7	17.5	69.0	159.4	-10.7	4.5	-5.2
30	383.00	5.9	10.9	1564	615	3.7	17.7	54.5	125.4	-6.9	3.2	-4.0
31	392.50	5.7	10.6	1564	594	3.6	17.9	48.7	114.5	-5.8	2.7	-4.2
32	402.00	5.0	10.7	1564	594	3.2	18.1	43.0	103.9	-4.8	2.2	-3.3
33	411.50	4.4	10.8	1564	594	2.8	18.2	38.0	93.2	-3.8	1.7	-3.4
34	421.00	3.8	10.9	1564	594	2.4	18.4	33.6	82.3	-3.0	1.3	-3.0
35	430.50	3.7	10.9	1564	594	2.4	18.3	29.8	71.4	-2.3	1	-2.6
36	440.00	3.8	10.8	1564	594	2.4	18.2	26.1	60.5	-1.6	.8	-2.2
37	449.50	3.9	10.7	1564	594	2.5	18.0	22.2	49.8	-1.1	.6	-1.7
38	459.00	4.0	10.6	1564	594	2.5	17.9	18.3	39.0	-.7	.4	-1.3
39	468.50	4.3	10.6	1564	594	2.7	17.9	14.4	28.4	-.4	.2	-.9
ROOF	478.00	10.1	17.8	2798	1063	3.6	16.7	10.1	17.8	-.2	.1	-.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	1.0	13.6	3404	2573	.3	5.3	299.4	338.1	-91.4	93.9	-4.8
2	19.00	1.6	5.3	2240	1146	.7	4.6	298.4	324.4	-85.1	88.2	-4.4
3	31.50	2.8	5.2	2240	1146	1.3	4.6	296.8	319.2	-81.1	84.5	-4.3
4	44.00	4.2	4.9	2240	1146	1.9	4.3	294.0	313.9	-77.1	80.8	-4.3
5	56.50	4.4	4.6	2240	1146	2.0	4.0	289.8	309.0	-73.2	77.1	-4.3
6	69.00	4.4	4.4	2240	1146	1.9	3.8	285.4	304.5	-69.4	73.5	-4.3
7	81.50	4.8	5.0	2240	1146	2.1	4.4	281.0	300.1	-65.6	70.0	-4.3
8	94.00	5.2	5.7	2240	1146	2.3	5.0	276.2	295.0	-61.9	66.5	-4.3
9	106.50	5.6	6.3	2240	1146	2.5	5.5	271.1	289.4	-58.2	63.1	-4.2
10	119.00	5.7	7.3	2240	1146	2.5	6.3	265.5	283.0	-54.7	59.8	-4.1
11	131.50	5.2	8.4	2194	1146	2.4	7.4	259.8	275.7	-51.2	56.5	-4.0
12	144.00	5.0	7.8	2103	1146	2.4	6.8	254.6	267.3	-47.8	53.3	-3.9
13	156.50	4.9	7.7	2057	1146	2.4	6.7	249.6	259.5	-44.5	50.1	-3.8
14	169.00	5.3	7.9	2057	1146	2.6	6.9	244.7	251.8	-41.3	47.0	-3.7
15	181.50	5.7	8.2	2057	1146	2.8	7.1	239.4	243.8	-38.2	44.0	-3.6
16	194.00	6.1	8.4	2057	1146	3.0	7.3	233.7	235.7	-35.2	41.0	-3.5
17	206.50	6.5	8.6	2057	1146	3.1	7.5	227.6	227.3	-32.3	38.1	-3.4
18	219.00	6.7	8.9	2057	1146	3.3	7.8	221.1	218.7	-29.5	35.3	-3.4
19	231.50	6.9	9.2	2057	1146	3.4	8.1	214.4	209.8	-26.8	32.6	-3.3
20	244.00	7.2	9.6	2057	1146	3.5	8.4	207.5	200.6	-24.3	30.0	-3.2
21	256.50	7.4	9.9	2057	1146	3.6	8.7	200.3	191.0	-21.8	27.4	-3.1
22	269.00	7.5	10.2	2057	1146	3.6	8.9	192.9	181.0	-19.5	25.0	-3.1
23	281.50	7.1	10.5	2057	1146	3.5	9.2	185.4	170.8	-17.3	22.6	-3.0
24	294.00	6.8	10.9	2057	1146	3.3	9.5	178.3	160.3	-15.2	20.3	-2.9
25	306.50	6.5	11.2	2057	1146	3.2	9.8	171.5	149.4	-13.3	18.2	-2.8
26	319.00	6.2	11.5	2057	1146	3.0	10.0	165.0	138.3	-11.5	16.1	-2.7
27	331.50	8.4	11.6	2057	1108	4.1	10.5	158.8	126.8	-9.8	14.0	-2.6
28	344.00	9.9	11.3	2057	1034	4.8	10.9	150.4	115.1	-8.3	12.1	-2.4
29	356.50	23.0	22.3	4361	1945	5.3	11.5	140.5	103.9	-7.0	10.3	-2.3
30	383.00	8.8	7.2	1564	615	5.6	11.7	117.5	81.6	-4.5	6.9	-2.0
31	392.50	8.9	7.0	1564	594	5.7	11.8	108.6	74.4	-3.8	5.8	-1.9
32	402.00	9.2	7.0	1564	594	5.9	11.8	99.7	67.4	-3.1	4.8	-1.8
33	411.50	9.4	7.0	1564	594	6.0	11.8	90.5	60.3	-2.5	3.9	-1.7
34	421.00	9.7	7.0	1564	594	6.2	11.8	81.0	53.3	-1.9	3.1	-1.6
35	430.50	9.9	7.0	1564	594	6.3	11.8	71.4	46.3	-1.5	2.4	-1.5
36	440.00	10.1	6.9	1564	594	6.5	11.7	61.5	39.3	-1.1	1.7	-1.4
37	449.50	10.3	6.9	1564	594	6.6	11.6	51.4	32.4	-.7	1.2	-1.3
38	459.00	10.5	6.9	1564	594	6.7	11.6	41.1	25.5	-.5	.8	-1.2
39	468.50	10.7	6.9	1564	594	6.8	11.6	30.6	18.6	-.2	.4	-1.2
ROOF	478.00	19.9	11.7	2798	1063	7.1	11.0	19.9	11.7	-.1	.2	-1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	3.7	7.2	3404	2573	1.1	2.8	462.6	269.1	-77.7	157.6	9.6
2	19.00	3.1	3.2	2240	1146	1.4	2.8	458.9	261.9	-72.7	148.9	9.9
3	31.50	3.6	3.4	2240	1146	1.6	3.0	455.8	258.7	-69.4	143.2	9.9
4	44.00	4.1	3.3	2240	1146	1.8	2.9	452.1	255.3	-66.2	137.5	9.9
5	56.50	3.9	3.2	2240	1146	1.7	2.8	448.0	252.0	-63.0	131.9	9.9
6	69.00	3.5	3.2	2240	1146	1.6	2.8	444.2	248.7	-59.9	126.3	9.9
7	81.50	3.9	3.7	2240	1146	1.8	3.7	440.7	245.5	-56.8	120.8	9.9
8	94.00	4.4	4.2	2240	1146	2.0	3.7	436.7	241.8	-53.8	115.3	9.9
9	106.50	4.8	4.7	2240	1146	2.1	4.1	432.4	237.6	-50.8	109.8	9.9
10	119.00	4.9	5.4	2240	1146	2.2	4.7	427.6	232.8	-47.8	104.5	9.9
11	131.50	4.4	6.3	2194	1146	2.0	5.5	422.7	227.4	-44.9	99.2	9.9
12	144.00	4.6	5.8	2103	1146	2.2	5.1	418.2	221.1	-42.1	93.9	9.9
13	156.50	5.1	5.6	2057	1146	2.5	4.9	413.6	215.3	-39.4	88.7	9.9
14	169.00	5.9	5.7	2057	1146	2.9	5.0	408.6	209.7	-36.8	83.6	9.9
15	181.50	6.7	5.7	2057	1146	3.3	5.0	402.7	204.0	-34.2	78.5	9.9
16	194.00	7.6	5.8	2057	1146	3.7	5.0	396.0	198.3	-31.7	73.5	9.9
17	206.50	8.4	5.8	2057	1146	4.1	5.1	388.4	192.5	-29.2	68.6	9.9
18	219.00	8.7	6.1	2057	1146	4.3	5.3	380.0	186.7	-26.8	63.8	9.9
19	231.50	9.1	6.4	2057	1146	4.4	5.6	371.3	180.5	-24.6	59.1	9.9
20	244.00	9.4	6.7	2057	1146	4.6	5.8	362.2	174.1	-22.3	54.5	9.9
21	256.50	9.8	7.0	2057	1146	4.8	6.1	352.7	167.4	-20.2	50.0	9.9
22	269.00	10.1	7.3	2057	1146	4.9	6.4	342.9	160.4	-18.2	45.7	9.9
23	281.50	10.3	7.7	2057	1146	5.0	6.8	332.8	153.1	-16.2	41.5	9.9
24	294.00	10.6	8.2	2057	1146	5.1	7.1	322.5	145.4	-14.3	37.4	9.9
25	306.50	10.8	8.6	2057	1146	5.2	7.5	311.9	137.2	-12.6	33.4	9.8
26	319.00	11.0	9.1	2057	1146	5.4	7.9	301.2	128.6	-10.9	29.6	8.8
27	331.50	14.5	10.4	2057	1108	7.1	9.4	290.2	119.5	-9.4	25.9	8.6
28	344.00	17.5	10.9	2057	1034	8.5	10.5	275.6	109.1	-7.9	22.4	7.6
29	356.50	44.1	21.5	4361	1945	10.1	11.0	258.1	98.3	-6.6	19.0	6.6
30	383.00	17.3	6.3	1564	615	11.1	10.2	214.1	76.8	-4.3	12.8	6.0
31	392.50	16.8	6.3	1564	594	10.8	10.6	196.7	70.5	-3.6	10.8	6.0
32	402.00	16.2	6.5	1564	594	10.4	10.9	179.9	64.2	-3.0	9.0	5.9
33	411.50	15.7	6.6	1564	594	10.0	11.2	163.7	57.8	-2.4	7.4	4.9
34	421.00	15.1	6.8	1564	594	9.7	11.4	148.0	51.1	-1.9	5.9	4.4
35	430.50	16.1	6.7	1564	594	10.3	11.3	132.9	44.3	-1.4	4.6	4.0
36	440.00	17.3	6.6	1564	594	11.1	11.2	116.8	37.6	-1.0	3.4	3.4
37	449.50	18.5	6.6	1564	594	11.8	11.0	99.6	31.0	-.7	2.4	3.0
38	459.00	19.7	6.5	1564	594	12.6	10.9	81.0	24.4	-.4	1.5	2.4
39	468.50	20.9	6.5	1564	594	13.4	11.0	61.3	18.0	-.2	.8	1.9
ROOF	478.00	40.4	11.4	2798	1063	14.4	10.8	40.4	11.4	-.1	.3	1.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
1	0.00	-.5	10.2	3404	2573	-.1	4.0	180.9	180.9	-49.2	61.3	-2.0
2	19.00	.5	3.2	2240	1146	.2	2.8	181.4	170.7	-45.9	57.8	-1.6
3	31.50	1.1	2.9	2240	1146	.5	2.5	180.9	167.5	-43.8	55.6	-1.5
4	44.00	1.7	2.9	2240	1146	.8	2.5	179.8	164.5	-41.7	53.3	-1.4
5	56.50	1.8	2.9	2240	1146	.8	2.5	178.0	161.6	-39.6	51.1	-1.4
6	69.00	1.8	2.8	2240	1146	.8	2.5	176.2	158.7	-37.6	48.9	-1.4
7	81.50	2.1	2.8	2240	1146	.9	2.4	174.4	155.9	-35.7	46.7	-1.3
8	94.00	2.4	2.7	2240	1146	1.1	2.4	172.3	153.1	-33.7	44.5	-1.2
9	106.50	2.7	2.7	2240	1146	1.2	2.3	169.9	150.4	-31.9	42.4	-1.1
10	119.00	2.5	2.8	2240	1146	1.1	2.5	167.2	147.7	-30.0	40.3	-1.1
11	131.50	1.6	3.5	2194	1146	.7	3.1	164.7	144.9	-28.2	38.2	-1.0
12	144.00	2.7	3.4	2103	1146	1.3	2.9	163.1	141.4	-26.4	36.1	-.9
13	156.50	3.4	3.3	2057	1146	1.6	2.9	160.4	138.0	-24.6	34.1	-.8
14	169.00	3.2	3.4	2057	1146	1.6	3.0	157.0	134.7	-22.9	32.1	-.8
15	181.50	3.0	3.5	2057	1146	1.5	3.0	153.8	131.3	-21.3	30.2	-.7
16	194.00	2.8	3.5	2057	1146	1.4	3.1	150.8	127.8	-19.6	28.3	-.6
17	206.50	2.7	3.7	2057	1146	1.3	3.2	148.0	124.3	-18.1	26.4	-.4
18	219.00	3.0	4.1	2057	1146	1.5	3.6	145.3	120.6	-16.5	24.6	-.3
19	231.50	3.3	4.6	2057	1146	1.6	4.0	142.3	116.5	-15.1	22.8	-.1
20	244.00	3.7	5.0	2057	1146	1.8	4.4	139.0	111.9	-13.6	21.1	.0
21	256.50	4.0	5.4	2057	1146	2.0	4.8	135.3	106.9	-12.3	19.3	.2
22	269.00	4.2	5.7	2057	1146	2.0	5.0	131.3	101.5	-11.0	17.6	.4
23	281.50	4.0	5.9	2057	1146	1.9	5.1	127.1	95.8	-9.7	16.0	.5
24	294.00	3.8	6.1	2057	1146	1.9	5.3	123.1	89.9	-8.5	14.5	.7
25	306.50	3.6	6.3	2057	1146	1.8	5.5	119.3	83.8	-7.5	12.9	.9
26	319.00	3.4	6.5	2057	1146	1.7	5.6	115.6	77.6	-6.5	11.5	1.1
27	331.50	4.7	6.7	2057	1108	2.3	6.0	112.2	71.1	-5.5	10.1	1.3
28	344.00	6.2	6.5	2057	1034	3.0	6.3	107.5	64.4	-4.5	8.7	1.5
29	356.50	17.2	12.3	4361	1945	3.9	6.3	101.4	57.9	-3.6	7.4	1.5
30	383.00	7.1	3.8	1564	615	4.5	6.2	84.2	45.7	-2.6	4.9	1.4
31	392.50	7.1	3.8	1564	594	4.5	6.4	77.1	41.8	-2.1	4.1	1.2
32	402.00	6.8	3.8	1564	594	4.3	6.5	70.1	38.0	-1.8	3.5	1.1
33	411.50	6.5	3.9	1564	594	4.2	6.5	63.4	34.2	-1.4	3.2	1.0
34	421.00	6.3	3.9	1564	594	4.0	6.6	56.9	30.3	-1.1	2.7	.8
35	430.50	6.5	3.9	1564	594	4.1	6.6	50.6	26.4	-.8	2.3	.7
36	440.00	6.7	4.0	1564	594	4.3	6.7	44.1	22.5	-.6	1.7	.5
37	449.50	6.9	4.0	1564	594	4.4	6.8	37.4	18.5	-.4	.9	.3
38	459.00	7.2	4.1	1564	594	4.6	6.8	30.5	14.5	-.3	.6	.2
39	468.50	7.6	4.0	1564	594	4.8	6.8	23.3	10.4	-.1	.3	.1
ROOF	478.00	15.8	6.4	2798	1063	5.6	6.0	15.8	6.4	-.1	.1	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	1.4	1.9	3404	2573	.4	.7	206.9	61.3	-14.8	72.2	4.5
2	19.00	1.1	.8	2240	1146	.5	.7	205.5	59.4	-13.6	68.3	4.7
3	31.50	1.2	1.2	2240	1146	.5	1.0	204.4	58.6	-12.9	65.7	4.7
4	44.00	1.3	1.4	2240	1146	.6	1.2	203.2	57.4	-12.2	63.1	4.8
5	56.50	1.3	1.7	2240	1146	.6	1.5	201.9	56.0	-11.5	60.6	4.8
6	69.00	1.3	1.8	2240	1146	.6	1.6	200.5	54.3	-10.8	58.1	4.9
7	81.50	1.4	1.6	2240	1146	.6	1.4	199.2	52.5	-10.1	55.6	5.0
8	94.00	1.4	1.3	2240	1146	.6	1.2	197.8	50.9	-9.5	53.1	5.0
9	106.50	1.5	1.1	2240	1146	.7	.9	196.4	49.6	-8.8	50.7	5.1
10	119.00	1.6	.9	2240	1146	.7	.8	194.9	48.5	-8.2	48.2	5.1
11	131.50	1.5	1.1	2194	1146	.7	1.0	193.3	47.6	-7.6	45.8	5.1
12	144.00	2.2	1.5	2103	1146	1.0	1.3	191.8	46.5	-7.0	43.4	5.2
13	156.50	2.8	1.7	2057	1146	1.3	1.5	189.6	45.1	-6.5	41.0	5.2
14	169.00	3.1	1.9	2057	1146	1.5	1.7	186.8	43.3	-5.9	38.6	5.2
15	181.50	3.4	2.1	2057	1146	1.7	1.9	183.7	41.4	-5.4	36.3	5.2
16	194.00	3.7	2.4	2057	1146	1.8	2.1	180.3	39.3	-4.9	34.1	5.2
17	206.50	4.0	2.6	2057	1146	2.0	2.2	176.5	36.9	-4.4	31.8	5.2
18	219.00	4.0	2.4	2057	1146	2.0	2.1	172.5	34.3	-4.0	29.6	5.2
19	231.50	4.0	2.2	2057	1146	1.9	2.0	168.5	31.9	-3.5	27.5	5.2
20	244.00	4.0	2.1	2057	1146	1.9	1.8	164.5	29.7	-3.2	25.4	5.2
21	256.50	3.9	1.9	2057	1146	1.9	1.7	160.5	27.6	-2.8	23.4	5.1
22	269.00	4.0	1.9	2057	1146	1.9	1.7	156.6	25.7	-2.5	21.4	5.1
23	281.50	4.2	2.0	2057	1146	2.0	1.7	152.6	23.8	-2.2	19.5	5.0
24	294.00	4.4	2.0	2057	1146	2.1	1.8	148.4	21.8	-1.9	17.6	4.9
25	306.50	4.6	2.1	2057	1146	2.2	1.8	144.0	19.7	-1.6	15.8	4.8
26	319.00	4.8	2.1	2057	1146	2.3	1.9	139.4	17.7	-1.4	14.0	4.7
27	331.50	5.6	1.8	2057	1108	2.7	1.7	134.6	15.7	-1.2	12.3	4.5
28	344.00	6.8	1.6	2057	1034	3.3	1.5	129.0	13.7	-1.0	10.6	4.5
29	356.50	18.8	2.9	4361	1945	4.3	1.5	122.1	12.1	-.8	9.1	4.3
30	383.00	7.7	.8	1564	615	4.9	1.3	103.3	9.2	-.5	6.1	3.7
31	392.50	7.6	.7	1564	594	4.9	1.2	95.7	8.4	-.5	5.1	3.5
32	402.00	7.9	.7	1564	594	5.0	1.1	88.0	7.7	-.4	4.3	3.2
33	411.50	8.1	.6	1564	594	5.2	1.0	80.2	7.0	-.3	3.5	2.9
34	421.00	8.3	.6	1564	594	5.3	1.0	72.1	6.4	-.2	2.7	2.7
35	430.50	8.7	.7	1564	594	5.5	1.2	63.7	5.8	-.2	2.1	2.4
36	440.00	8.9	.8	1564	594	5.7	1.4	55.1	5.1	-.1	1.5	2.0
37	449.50	9.3	.9	1564	594	5.9	1.5	46.1	4.3	-.1	1.1	1.7
38	459.00	9.6	1.0	1564	594	6.1	1.7	36.8	3.4	-.1	.7	1.4
39	468.50	9.8	1.0	1564	594	6.3	1.6	27.2	2.3	-.0	.4	1.0
ROOF	478.00	17.4	1.4	2798	1063	6.2	1.3	17.4	1.4	-.0	.1	.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP PHASE II BUILDING, NEW YORK
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	10.4	4.0	3404	2573	3.1	1.6	551.3	40.6	-5.4	167.2	17.6
2	19.00	6.6	.9	2240	1146	2.9	.7	540.9	36.6	-4.7	156.8	17.6
3	31.50	6.4	1.1	2240	1146	2.9	.9	534.3	35.8	-4.2	150.1	17.5
4	44.00	6.3	1.1	2240	1146	2.8	1.0	527.9	34.7	-3.8	143.5	17.4
5	56.50	6.1	1.2	2240	1146	2.7	1.1	521.6	33.5	-3.3	136.9	17.3
6	69.00	6.0	1.2	2240	1146	2.7	1.0	515.5	32.3	-2.9	130.4	17.2
7	81.50	6.5	1.0	2240	1146	2.9	.9	509.5	31.2	-2.5	124.0	17.1
8	94.00	6.9	.9	2240	1146	3.1	.8	503.0	30.1	-2.2	117.7	17.0
9	106.50	7.4	.7	2240	1146	3.3	.6	496.0	29.3	-1.8	111.4	16.9
10	119.00	8.1	1.0	2240	1146	3.6	.9	488.6	28.6	-1.4	105.3	16.7
11	131.50	8.9	1.9	2194	1146	4.1	1.6	480.6	27.6	-1.1	99.2	16.5
12	144.00	9.9	2.2	2103	1146	4.7	1.9	471.7	25.7	-.7	93.3	16.4
13	156.50	10.9	2.5	2057	1146	5.3	2.1	461.7	23.5	-.4	87.7	16.2
14	169.00	11.5	2.7	2057	1146	5.6	2.3	450.9	21.0	-.2	82.2	15.9
15	181.50	12.1	2.9	2057	1146	5.9	2.5	439.4	18.3		76.8	15.7
16	194.00	12.7	3.1	2057	1146	6.2	2.7	427.3	15.5		71.5	15.5
17	206.50	13.3	3.3	2057	1146	6.5	2.9	414.6	12.4		66.5	15.1
18	219.00	13.7	2.9	2057	1146	6.7	2.5	401.3	9.1		61.7	14.8
19	231.50	14.1	2.4	2057	1146	6.8	2.1	387.6	6.2		57.2	14.4
20	244.00	14.4	2.0	2057	1146	7.0	1.7	373.5	3.8		52.9	14.1
21	256.50	14.8	1.6	2057	1146	7.2	1.4	359.1	1.8		48.8	13.7
22	269.00	15.1	1.4	2057	1146	7.4	1.2	344.3	.2		44.9	13.2
23	281.50	15.4	1.2	2057	1146	7.5	1.1	329.1	-1.2		41.2	12.8
24	294.00	15.6	1.1	2057	1146	7.6	.9	313.8	-2.4		37.7	12.3
25	306.50	15.8	.9	2057	1146	7.7	.8	298.2	-3.5		34.3	11.8
26	319.00	16.0	.8	2057	1146	7.8	.7	282.4	-4.4		31.1	11.3
27	331.50	17.6	.4	2057	1108	8.5	.4	266.5	-5.1		28.1	10.9
28	344.00	18.6	.1	2057	1034	9.0	.1	248.9	-5.6		25.4	10.4
29	356.50	40.7	-.3	4361	1945	9.3	-.1	230.3	-5.7		22.8	9.8
30	383.00	15.1	-.1	1564	615	9.7	-.2	189.6	-5.4		18.1	8.3
31	392.50	15.4	-.2	1564	594	9.8	-.4	174.5	-5.3		15.1	7.7
32	402.00	15.4	-.3	1564	594	9.9	-.5	159.1	-5.0		12.3	7.0
33	411.50	15.5	-.4	1564	594	9.9	-.7	143.6	-4.7		9.8	6.6
34	421.00	15.5	-.4	1564	594	9.9	-.8	128.1	-4.3		7.7	6.5
35	430.50	15.9	-.5	1564	594	10.2	-.9	112.6	-3.9		6.0	4.8
36	440.00	16.3	-.5	1564	594	10.4	-.9	96.7	-3.4		4.6	4.4
37	449.50	16.7	-.6	1564	594	10.7	-1.0	80.4	-2.9		3.2	3.8
38	459.00	17.1	-.6	1564	594	11.0	-1.1	63.6	-2.3		1.8	3.1
39	468.50	17.3	-.6	1564	594	11.0	-1.0	46.5	-1.7		1.1	2.6
ROOF	478.00	29.3	-1.1	2798	1063	10.5	-1.0	29.3	-1.1		.2	1.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	24.3	3.2	3404	2573	7.1	1.2	1338.5	-7.4	-.8	411.2	44.3
2	19.00	14.3	-1.4	2240	1146	6.4	-1.2	1314.2	-10.6	-1.0	386.2	43.7
3	31.50	13.3	-1.6	2240	1146	6.0	-1.4	1299.9	-9.2	-1.1	369.7	43.3
4	44.00	12.6	-1.8	2240	1146	5.6	-1.5	1286.6	-7.6	-1.2	353.5	42.8
5	56.50	12.4	-1.9	2240	1146	5.5	-1.7	1274.0	-5.9	-1.3	337.5	42.1
6	69.00	12.2	-2.1	2240	1146	5.5	-1.9	1261.7	-4.0	-1.3	321.7	42.1
7	81.50	13.5	-2.3	2240	1146	6.0	-2.0	1249.4	-1.8	-1.4	306.0	41.7
8	94.00	14.8	-2.5	2240	1146	6.6	-2.2	1235.9	.5	-1.4	290.4	41.3
9	106.50	16.0	-2.7	2240	1146	7.2	-2.4	1221.2	3.1	-1.4	275.1	40.9
10	119.00	17.3	-2.9	2240	1146	7.7	-2.5	1205.2	5.8	-1.3	259.9	40.4
11	131.50	18.5	-2.5	2194	1146	8.4	-2.2	1187.8	8.7	-1.2	245.0	39.8
12	144.00	21.0	-1.2	2103	1146	10.0	-1.0	1169.3	11.2	-1.1	230.2	39.2
13	156.50	23.7	-.4	2057	1146	11.5	-.3	1148.2	12.4	-1.0	215.5	38.7
14	169.00	25.8	.1	2057	1146	12.6	.1	1124.6	12.7	-.8	201.5	38.2
15	181.50	28.0	.6	2057	1146	13.6	.5	1098.8	12.6	-.6	187.6	37.9
16	194.00	30.1	1.1	2057	1146	14.6	1.0	1070.8	12.0	-.5	174.1	37.5
17	206.50	32.3	1.8	2057	1146	15.7	1.5	1040.7	10.9	-.3	160.9	37.1
18	219.00	33.8	1.6	2057	1146	16.4	1.4	1008.4	9.1	-.2	148.1	36.8
19	231.50	35.4	1.5	2057	1146	17.2	1.3	974.6	7.5	-.1	135.7	36.5
20	244.00	36.9	1.4	2057	1146	17.9	1.2	939.2	5.9	-.1	123.7	36.2
21	256.50	38.4	1.3	2057	1146	18.7	1.1	902.3	4.5	.0	112.2	35.9
22	269.00	39.9	1.0	2057	1146	19.4	.9	863.9	3.2	.0	101.1	35.6
23	281.50	41.0	.8	2057	1146	19.9	.7	824.0	2.2	.1	90.6	35.4
24	294.00	42.2	.5	2057	1146	20.5	.5	783.0	1.4	.1	80.6	35.2
25	306.50	43.3	.3	2057	1146	21.1	.3	740.9	.9	.2	71.1	35.1
26	319.00	44.5	.1	2057	1146	21.6	.1	697.5	.6	.2	62.2	34.9
27	331.50	46.7	.6	2057	1108	22.7	.5	653.0	.5	.2	53.8	34.8
28	344.00	48.2	.5	2057	1034	23.4	.5	606.3	.0	.2	45.8	34.7
29	356.50	105.3	.2	4361	1945	24.1	.1	558.1	-.6	.2	38.5	34.6
30	383.00	38.7	.1	1564	615	24.8	.2	452.8	-.8	.2	25.1	34.5
31	392.50	39.0	.1	1564	594	25.0	.2	414.1	-.9	.1	21.9	34.4
32	402.00	38.9	.2	1564	594	24.9	.4	375.1	-1.0	.1	17.2	34.3
33	411.50	38.8	.3	1564	594	24.8	.6	336.2	-1.3	.1	13.0	34.2
34	421.00	38.6	.4	1564	594	24.7	.7	297.4	-1.6	.1	10.0	34.1
35	430.50	38.8	.2	1564	594	24.8	.3	258.8	-2.0	.1	8.2	34.0
36	440.00	39.0	-.0	1564	594	25.0	-.0	220.0	-2.2	.1	5.9	33.9
37	449.50	39.3	-.2	1564	594	25.1	-.4	181.0	-2.2	.0	4.0	33.8
38	459.00	39.5	-.5	1564	594	25.3	-.8	141.7	-1.9	.0	2.5	33.7
39	468.50	39.0	-1.5	1564	594	24.9	-1.8	102.2	-1.5	.0	1.5	33.6
ROOF	478.00	63.2	-1.0	2798	1063	22.6	-.9	63.2	-1.0	.0	.5	33.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	27.9	3.2	3404	2573	8.2	1.3	1512.3	-20.3	5.9	486.0	54.9
2	19.00	16.2	-.2	2240	1146	7.2	-.1	1484.4	-23.5	5.5	457.6	54.2
3	31.50	14.6	.1	2240	1146	6.5	.1	1468.1	-23.4	5.2	439.1	53.7
4	44.00	13.1	.2	2240	1146	5.8	.1	1453.5	-23.4	4.9	420.8	53.2
5	56.50	11.9	.3	2240	1146	5.3	.2	1440.4	-23.6	4.6	402.8	52.9
6	69.00	10.9	.2	2240	1146	4.9	.1	1428.5	-23.9	4.3	384.8	52.6
7	81.50	12.0	-.2	2240	1146	5.4	-.1	1417.5	-24.0	4.0	367.0	52.4
8	94.00	13.1	-.5	2240	1146	5.9	-.4	1405.5	-23.9	3.7	349.4	52.4
9	106.50	14.2	-.8	2240	1146	6.3	-.7	1392.4	-23.4	3.4	331.9	51.7
10	119.00	14.9	-1.2	2240	1146	6.7	-1.0	1378.2	-22.6	3.1	314.6	51.3
11	131.50	14.9	-1.4	2194	1146	6.8	-1.2	1363.3	-21.4	2.8	297.5	50.3
12	144.00	18.2	-.8	2103	1146	8.6	-.7	1348.4	-20.0	2.6	280.5	50.5
13	156.50	21.4	-.4	2057	1146	10.4	-.4	1330.2	-19.3	2.3	263.8	49.9
14	169.00	23.5	-.3	2057	1146	11.4	-.3	1308.9	-18.8	2.1	247.3	49.2
15	181.50	25.7	-.2	2057	1146	12.5	-.1	1285.3	-18.5	1.9	231.1	48.4
16	194.00	27.9	-.0	2057	1146	13.6	-.0	1259.6	-18.3	1.6	215.2	47.4
17	206.50	30.2	.2	2057	1146	14.7	.1	1231.6	-18.3	1.4	199.6	46.5
18	219.00	32.9	.5	2057	1146	16.0	.4	1201.5	-18.5	1.2	184.4	45.3
19	231.50	35.6	-1.1	2057	1146	17.3	-1.0	1168.6	-18.9	.9	169.6	44.2
20	244.00	38.3	-1.7	2057	1146	18.6	-1.5	1133.0	-16.9	.7	155.2	42.0
21	256.50	41.0	-2.4	2057	1146	19.9	-2.1	1094.7	-15.1	.5	141.2	40.5
22	269.00	43.3	-2.8	2057	1146	21.0	-2.4	1053.7	-12.7	.4	127.8	39.2
23	281.50	44.7	-2.7	2057	1146	21.7	-2.4	1010.4	-10.2	.2	114.9	37.5
24	294.00	46.1	-2.6	2057	1146	22.4	-2.3	965.8	-7.2	.1	102.6	35.3
25	306.50	47.5	-2.5	2057	1146	23.1	-2.2	919.7	-4.6	.0	90.8	33.7
26	319.00	48.9	-2.4	2057	1146	23.8	-2.1	872.2	-2.1	-.0	79.6	31.8
27	331.50	54.9	-1.1	2057	1108	26.7	-1.0	823.3	-.3	-.0	69.0	30.0
28	344.00	58.3	-.1	2057	1034	28.3	-.1	768.4	.4	-.0	59.0	27.9
29	356.50	127.9	1.5	4361	1945	29.3	.8	710.1	1.6	.0	49.8	25.0
30	383.00	47.4	.3	1564	615	30.3	.6	582.2	.1	.0	32.7	20.8
31	392.50	48.4	.2	1564	594	31.0	.3	534.8	-.3	.0	27.4	19.2
32	402.00	48.8	.1	1564	594	31.2	.2	486.4	-.4	.0	22.5	17.4
33	411.50	49.3	.1	1564	594	31.5	.1	437.6	-.5	.0	18.1	15.6
34	421.00	49.7	.0	1564	594	31.8	.0	388.3	-.6	.0	14.1	13.8
35	430.50	50.2	-.1	1564	594	32.1	-.1	338.5	-.6	.0	10.4	12.0
36	440.00	50.7	-.1	1564	594	32.4	-.2	288.3	-.6	.0	7.0	10.2
37	449.50	51.2	-.2	1564	594	32.7	-.4	237.6	-.4	-.0	5.3	8.6
38	459.00	51.7	-.3	1564	594	33.0	-.5	186.4	-.2	-.0	3.7	6.8
39	468.50	51.2	-.1	1564	594	32.7	-.2	134.8	.1	-.0	1.7	4.8
ROOF	478.00	83.6	.3	2798	1063	29.9	.2	83.6	.3	-.0	.7	3.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	23.2	4.5	3404	2573	6.8	1.8	1425.7	-8.7	-11.9	451.7	47.1
2	19.00	14.9	-.8	2240	1146	6.6	-.7	1402.6	-13.3	-12.1	424.8	46.5
3	31.50	13.9	-1.2	2240	1146	6.2	-1.1	1387.7	-12.4	-12.2	407.4	46.0
4	44.00	12.7	-1.2	2240	1146	5.7	-1.0	1373.8	-11.2	-12.4	390.1	45.6
5	56.50	12.0	-1.1	2240	1146	5.4	-1.0	1361.1	-10.0	-12.5	373.0	45.3
6	69.00	11.5	-1.4	2240	1146	5.1	-1.2	1349.0	-8.9	-12.6	356.1	45.0
7	81.50	12.7	-2.9	2240	1146	5.7	-2.5	1337.5	-7.5	-12.7	339.3	44.7
8	94.00	13.8	-4.4	2240	1146	6.2	-3.8	1324.8	-4.6	-12.8	322.6	44.3
9	106.50	14.9	-5.8	2240	1146	6.7	-5.1	1311.0	-.3	-12.8	306.2	43.9
10	119.00	16.3	-7.2	2240	1146	7.3	-6.2	1296.1	5.6	-12.8	289.9	43.4
11	131.50	18.0	-8.0	2194	1146	8.2	-6.9	1279.8	12.7	-12.7	273.8	42.8
12	144.00	20.5	-6.8	2103	1146	9.7	-5.9	1261.9	20.7	-12.5	257.9	41.9
13	156.50	23.1	-5.8	2057	1146	11.2	-5.1	1241.3	27.5	-12.2	242.2	40.8
14	169.00	25.1	-4.9	2057	1146	12.2	-4.3	1218.2	33.3	-11.8	226.9	39.6
15	181.50	27.1	-4.1	2057	1146	13.2	-3.6	1193.1	38.2	-11.4	211.8	38.3
16	194.00	29.2	-3.2	2057	1146	14.2	-2.8	1166.0	42.3	-10.8	197.1	37.0
17	206.50	31.2	-2.3	2057	1146	15.1	-2.0	1136.8	45.5	-10.1	182.7	35.6
18	219.00	32.7	-2.2	2057	1146	15.9	-1.9	1105.7	47.8	-9.3	168.8	34.1
19	231.50	34.2	-2.0	2057	1146	16.6	-1.7	1073.0	50.0	-8.5	155.2	32.6
20	244.00	35.8	-1.8	2057	1146	17.4	-1.6	1038.8	52.0	-7.8	141.8	31.1
21	256.50	37.3	-1.6	2057	1146	18.1	-1.4	1003.0	53.8	-7.1	129.1	29.5
22	269.00	38.9	-.9	2057	1146	18.9	-.8	965.7	55.5	-7.1	116.8	30.1
23	281.50	40.6	.2	2057	1146	19.7	.2	926.8	56.3	-6.4	104.9	29.7
24	294.00	42.2	1.3	2057	1146	20.5	1.1	886.3	56.2	-5.7	93.6	27.6
25	306.50	43.9	2.3	2057	1146	21.4	2.0	844.0	54.9	-4.7	82.9	25.4
26	319.00	45.6	3.4	2057	1146	22.2	3.0	800.1	52.6	-3.7	72.8	23.3
27	331.50	50.8	4.2	2057	1108	24.7	3.8	754.5	49.2	-2.7	63.3	22.3
28	344.00	54.1	4.7	2057	1034	26.3	4.6	703.6	44.9	-2.1	55.5	22.0
29	356.50	119.8	11.1	4361	1945	27.5	5.7	649.6	40.2	-1.2	45.5	22.6
30	383.00	44.2	2.9	1564	615	28.3	4.8	529.8	29.1	-1.7	29.9	16.5
31	392.50	44.5	2.5	1564	594	28.4	4.3	485.6	26.2	-1.4	24.4	15.3
32	402.00	44.7	2.3	1564	594	28.6	3.9	441.1	23.6	-1.2	20.4	13.2
33	411.50	45.0	2.1	1564	594	28.8	3.6	396.4	21.3	-1.0	16.4	12.0
34	421.00	45.2	2.0	1564	594	28.9	3.4	351.4	19.2	-.8	12.8	11.1
35	430.50	45.6	2.1	1564	594	29.1	3.5	306.2	17.2	-.6	9.7	9.8
36	440.00	45.9	2.2	1564	594	29.4	3.7	260.6	15.1	-.4	7.0	8.4
37	449.50	46.3	2.3	1564	594	29.6	3.9	214.7	12.9	-.3	4.8	8.0
38	459.00	46.7	2.4	1564	594	29.9	4.0	168.4	10.6	-.2	3.0	6.6
39	468.50	46.2	2.7	1564	594	29.6	4.6	121.7	8.2	-.1	1.6	5.3
ROOF	478.00	75.5	5.5	2798	1063	27.0	5.2	75.5	5.5	-.0	.6	2.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	25.8	-.4	3404	2573	7.6	-.1	1229.3	-14.1	-21.0	364.8	40.5
2	19.00	15.7	-3.4	2240	1146	7.0	-3.0	1203.6	-13.8	-21.3	341.7	39.7
3	31.50	14.9	-4.1	2240	1146	6.6	-3.5	1187.8	-10.3	-21.4	326.8	39.1
4	44.00	14.0	-4.4	2240	1146	6.3	-3.8	1173.0	-6.3	-21.5	312.0	38.6
5	56.50	14.2	-4.7	2240	1146	6.4	-4.1	1159.0	-1.9	-21.6	297.4	38.1
6	69.00	14.7	-5.2	2240	1146	6.6	-4.6	1144.7	2.7	-21.6	283.0	37.6
7	81.50	15.7	-6.4	2240	1146	7.0	-5.6	1130.1	7.9	-21.5	268.8	37.1
8	94.00	16.8	-7.6	2240	1146	7.5	-6.6	1114.3	14.3	-21.4	254.8	36.4
9	106.50	17.9	-8.8	2240	1146	8.0	-7.6	1097.5	21.9	-21.1	241.0	35.7
10	119.00	19.1	-9.9	2240	1146	8.5	-8.6	1079.7	30.7	-20.8	227.4	34.9
11	131.50	20.5	-10.5	2194	1146	9.3	-9.2	1060.6	40.6	-20.4	214.0	33.9
12	144.00	22.4	-8.7	2103	1146	10.6	-7.6	1040.1	51.1	-19.8	200.9	32.9
13	156.50	24.2	-7.3	2057	1146	11.8	-6.3	1017.7	59.8	-19.1	188.0	31.9
14	169.00	25.6	-6.1	2057	1146	12.4	-5.4	993.5	67.1	-18.3	175.4	30.8
15	181.50	27.0	-5.0	2057	1146	13.1	-4.4	967.9	73.2	-17.4	163.2	29.8
16	194.00	28.3	-3.9	2057	1146	13.8	-3.4	940.9	78.2	-16.5	151.2	28.7
17	206.50	29.7	-2.8	2057	1146	14.4	-2.4	912.6	82.1	-15.5	139.6	27.6
18	219.00	31.2	-1.8	2057	1146	15.2	-1.6	883.0	84.9	-14.4	128.4	26.5
19	231.50	32.7	-.9	2057	1146	15.9	-.8	851.8	86.7	-13.4	117.6	25.4
20	244.00	34.2	.0	2057	1146	16.6	.0	819.1	87.6	-12.3	107.1	24.2
21	256.50	35.7	1.0	2057	1146	17.3	.8	784.9	87.6	-11.2	97.1	23.1
22	269.00	36.7	1.8	2057	1146	17.9	1.6	749.2	86.6	-10.1	87.5	22.0
23	281.50	37.0	2.7	2057	1146	18.0	2.3	712.5	84.8	-9.0	78.4	20.8
24	294.00	37.2	3.5	2057	1146	18.1	3.1	675.5	82.1	-8.0	69.7	19.7
25	306.50	37.4	4.4	2057	1146	18.2	3.9	638.3	78.6	-7.0	61.5	18.6
26	319.00	37.6	5.3	2057	1146	18.3	4.6	600.9	74.1	-6.0	53.8	17.5
27	331.50	40.8	6.1	2057	1108	19.8	5.5	563.3	68.9	-5.1	46.5	16.5
28	344.00	42.2	6.3	2057	1034	20.5	6.0	522.5	62.7	-4.3	39.7	15.3
29	356.50	89.2	14.3	4361	1945	20.4	7.4	480.4	56.5	-3.6	33.4	14.1
30	383.00	32.4	4.3	1564	615	20.7	6.9	391.2	42.2	-2.3	21.9	11.4
31	392.50	32.9	3.8	1564	594	21.1	6.4	358.8	37.9	-1.9	18.3	10.3
32	402.00	33.1	3.7	1564	594	21.2	6.2	325.9	34.1	-1.5	15.1	9.3
33	411.50	33.2	3.5	1564	594	21.3	5.9	292.8	30.4	-1.2	12.1	8.3
34	421.00	33.4	3.5	1564	594	21.3	5.8	259.6	26.9	-1.0	9.5	7.4
35	430.50	33.6	3.6	1564	594	21.5	6.0	226.2	23.5	-.7	7.2	6.4
36	440.00	33.9	3.7	1564	594	21.7	6.2	192.6	19.9	-.5	5.2	5.5
37	449.50	34.2	3.8	1564	594	21.8	6.4	158.7	16.2	-.3	3.5	4.5
38	459.00	34.4	3.9	1564	594	22.0	6.6	124.5	12.3	-.2	2.2	3.5
39	468.50	34.1	3.5	1564	594	21.8	5.9	90.1	8.4	-.1	1.2	2.6
ROOF	478.00	56.0	4.9	2798	1063	20.0	4.6	56.0	4.9	-.0	.5	1.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	12.9	-.4	3404	2573	3.8	-.2	838.3	-149.9	33.3	266.7	27.9
2	19.00	8.6	-2.3	2240	1146	3.9	-2.0	825.4	-149.5	30.4	250.9	27.3
3	31.50	8.3	-2.7	2240	1146	3.7	-2.4	816.7	-147.2	28.6	240.7	26.9
4	44.00	7.8	-3.0	2240	1146	3.5	-2.6	808.4	-144.5	26.8	230.5	26.6
5	56.50	7.7	-3.2	2240	1146	3.4	-2.8	800.6	-141.5	25.0	220.4	26.3
6	69.00	7.6	-3.5	2240	1146	3.4	-3.1	792.9	-138.3	23.2	210.5	26.0
7	81.50	8.2	-4.1	2240	1146	3.7	-3.6	785.3	-134.8	21.5	200.9	25.6
8	94.00	8.7	-4.7	2240	1146	3.9	-4.1	777.1	-130.6	19.9	190.9	25.2
9	106.50	9.3	-5.3	2240	1146	4.1	-4.6	768.4	-125.9	18.3	181.2	24.7
10	119.00	9.9	-6.0	2240	1146	4.4	-5.2	759.1	-120.7	16.7	171.6	24.2
11	131.50	10.3	-6.8	2194	1146	4.7	-5.9	749.2	-114.7	15.3	162.2	23.7
12	144.00	11.6	-6.6	2103	1146	5.5	-5.7	739.0	-107.9	13.9	152.9	23.2
13	156.50	13.1	-6.4	2057	1146	6.3	-5.6	727.3	-101.3	12.6	143.7	22.6
14	169.00	14.5	-6.3	2057	1146	7.0	-5.5	714.3	-94.9	11.3	134.7	22.1
15	181.50	15.8	-6.3	2057	1146	7.7	-5.5	699.8	-88.6	10.2	125.9	21.6
16	194.00	17.2	-6.2	2057	1146	8.4	-5.4	684.0	-82.3	9.1	117.3	20.8
17	206.50	18.6	-6.0	2057	1146	9.0	-5.3	666.8	-76.1	8.1	108.8	20.0
18	219.00	19.4	-5.7	2057	1146	9.4	-5.0	648.1	-70.1	7.2	100.6	19.0
19	231.50	20.2	-5.3	2057	1146	9.8	-4.6	628.7	-64.4	6.4	92.6	18.0
20	244.00	21.0	-5.0	2057	1146	10.2	-4.3	608.5	-59.1	5.6	84.9	17.1
21	256.50	21.8	-4.6	2057	1146	10.6	-4.0	587.5	-54.1	4.9	77.4	16.2
22	269.00	22.5	-4.6	2057	1146	10.9	-4.0	565.7	-49.5	4.2	70.3	15.3
23	281.50	23.0	-4.7	2057	1146	11.2	-4.1	543.2	-44.9	3.6	63.3	14.4
24	294.00	23.5	-4.8	2057	1146	11.4	-4.2	520.2	-40.2	3.1	56.6	14.0
25	306.50	24.0	-4.8	2057	1146	11.7	-4.2	496.7	-35.5	2.6	50.3	13.2
26	319.00	24.6	-4.9	2057	1146	11.9	-4.3	472.7	-30.6	2.2	44.2	12.7
27	331.50	26.5	-4.1	2057	1108	12.9	-3.7	448.1	-25.7	1.9	38.5	11.9
28	344.00	28.8	-3.4	2057	1034	14.0	-3.3	421.5	-21.7	1.6	33.7	11.1
29	356.50	68.0	-5.3	4361	1945	15.6	-2.7	392.7	-18.3	1.3	27.8	10.1
30	383.00	25.9	-1.3	1564	615	16.6	-2.1	324.7	-13.0	.9	18.4	9.8
31	392.50	26.1	-.9	1564	594	16.7	-1.6	298.8	-11.7	.8	15.5	7.6
32	402.00	26.6	-.5	1564	594	17.0	-.9	272.7	-10.8	.7	12.7	6.6
33	411.50	27.1	-.2	1564	594	17.3	-.3	246.2	-10.2	.6	10.1	6.0
34	421.00	27.5	-.0	1564	594	17.6	-.0	219.1	-10.0	.5	8.1	5.3
35	430.50	28.0	-.4	1564	594	17.9	-.7	191.6	-10.0	.4	6.1	4.4
36	440.00	28.4	-.8	1564	594	18.2	-1.4	163.6	-9.6	.3	4.4	4.0
37	449.50	28.8	-1.2	1564	594	18.4	-2.1	135.2	-8.8	.2	3.0	3.2
38	459.00	29.3	-1.6	1564	594	18.7	-2.7	106.3	-7.5	.1	1.9	2.3
39	468.50	29.2	-1.9	1564	594	18.6	-3.2	77.0	-5.9	.1	1.1	1.6
ROOF	478.00	47.9	-4.0	2798	1063	17.1	-3.8	47.9	-4.0	.0	.4	1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	14.0	-4.4	3404	2573	4.1	-1.7	726.9	-223.8	50.6	228.9	23.9
2	19.00	8.4	-4.5	2240	1146	3.7	-3.9	712.9	-219.5	46.4	215.2	23.4
3	31.50	7.9	-5.1	2240	1146	3.5	-4.5	704.5	-215.0	43.7	206.3	22.9
4	44.00	7.6	-5.5	2240	1146	3.4	-4.8	696.6	-209.9	41.0	197.6	22.4
5	56.50	7.6	-5.9	2240	1146	3.4	-5.1	689.0	-204.4	38.4	188.9	22.0
6	69.00	7.6	-6.3	2240	1146	3.4	-5.5	681.5	-198.5	35.9	180.3	21.5
7	81.50	8.5	-6.8	2240	1146	3.8	-5.9	673.8	-192.2	33.5	171.9	21.0
8	94.00	9.4	-7.3	2240	1146	4.2	-6.4	665.3	-185.4	31.1	163.5	20.5
9	106.50	10.3	-7.8	2240	1146	4.6	-6.8	655.9	-178.1	28.8	155.2	20.0
10	119.00	10.8	-8.5	2240	1146	4.8	-7.4	645.5	-170.3	26.7	147.1	19.4
11	131.50	10.3	-9.5	2194	1146	4.7	-8.3	634.7	-161.7	24.6	139.1	18.8
12	144.00	11.5	-9.3	2103	1146	5.4	-8.1	624.4	-152.3	22.6	131.2	18.2
13	156.50	12.3	-8.8	2057	1146	6.0	-7.6	612.9	-143.0	20.8	123.5	17.6
14	169.00	12.6	-8.1	2057	1146	6.1	-7.0	600.6	-134.2	19.0	115.9	16.9
15	181.50	12.8	-7.4	2057	1146	6.2	-6.4	588.0	-126.1	17.4	108.5	16.3
16	194.00	13.1	-6.7	2057	1146	6.4	-5.8	575.2	-118.7	15.9	101.2	15.7
17	206.50	13.3	-6.1	2057	1146	6.5	-5.3	562.1	-112.0	14.4	94.1	15.1
18	219.00	14.2	-5.9	2057	1146	6.9	-5.1	548.8	-106.0	13.1	87.2	14.5
19	231.50	15.1	-5.7	2057	1146	7.3	-5.0	534.6	-100.1	11.8	80.4	13.9
20	244.00	15.9	-5.5	2057	1146	7.7	-4.8	519.5	-94.4	10.6	73.8	13.3
21	256.50	16.8	-5.4	2057	1146	8.2	-4.7	503.6	-88.8	9.4	67.4	12.7
22	269.00	17.6	-5.5	2057	1146	8.6	-4.8	486.8	-83.5	8.4	61.2	12.1
23	281.50	18.3	-5.8	2057	1146	8.9	-5.0	469.2	-77.9	7.3	55.2	11.5
24	294.00	19.0	-6.0	2057	1146	9.2	-5.3	450.9	-72.2	6.4	49.5	10.8
25	306.50	19.7	-6.3	2057	1146	9.6	-5.5	431.9	-66.1	5.5	44.0	10.2
26	319.00	20.4	-6.5	2057	1146	9.9	-5.7	412.2	-59.8	4.8	38.7	9.6
27	331.50	22.6	-6.5	2057	1108	11.0	-5.9	391.7	-53.3	4.0	33.7	9.0
28	344.00	24.9	-5.8	2057	1034	12.1	-5.6	369.1	-46.0	3.4	28.9	8.7
29	356.50	59.0	-8.9	4361	1945	13.5	-4.6	344.2	-41.1	2.9	24.5	7.6
30	383.00	22.8	-2.8	1564	615	14.6	-4.5	285.2	-32.1	1.9	16.1	6.5
31	392.50	23.4	-2.6	1564	594	14.9	-4.4	262.4	-29.3	1.6	13.5	5.1
32	402.00	23.6	-2.4	1564	594	15.1	-4.1	239.0	-26.7	1.3	11.1	4.6
33	411.50	23.9	-2.2	1564	594	15.3	-3.8	215.4	-24.3	1.1	9.0	4.1
34	421.00	24.1	-2.2	1564	594	15.4	-3.6	191.5	-22.0	.9	7.1	3.6
35	430.50	24.5	-2.4	1564	594	15.7	-4.0	167.4	-19.9	.7	5.3	3.1
36	440.00	24.9	-2.6	1564	594	15.9	-4.3	142.9	-17.5	.5	3.9	2.6
37	449.50	25.2	-2.8	1564	594	16.1	-4.7	118.1	-14.9	.4	2.6	2.0
38	459.00	25.6	-3.0	1564	594	16.4	-5.1	92.8	-12.1	.2	1.6	1.5
39	468.50	25.5	-3.1	1564	594	16.3	-5.3	67.2	-9.1	.1	.9	.9
ROOF	478.00	41.7	-6.0	2798	1063	14.9	-5.6	41.7	-6.0	.1	.4	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 32.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
1	0.00	1.3	-7.5	3404	2573	.4	-2.9	402.6	-365.5	102.1	129.9	20.2
2	19.00	2.0	-5.4	2240	1146	.9	-4.8	401.3	-358.0	95.2	122.2	19.9
3	31.50	2.7	-5.8	2240	1146	1.2	-5.0	399.3	-352.6	90.8	117.2	19.4
4	44.00	3.3	-5.9	2240	1146	1.5	-5.2	396.6	-346.8	86.4	112.3	19.0
5	56.50	3.8	-6.1	2240	1146	1.7	-5.3	393.3	-340.8	82.1	107.3	18.6
6	69.00	4.2	-6.2	2240	1146	1.9	-5.4	389.5	-334.8	77.9	102.4	18.1
7	81.50	5.2	-6.2	2240	1146	2.3	-5.4	385.3	-328.6	73.7	97.6	17.7
8	94.00	6.1	-6.2	2240	1146	2.7	-5.4	380.1	-322.4	69.6	92.8	17.3
9	106.50	7.0	-6.1	2240	1146	3.1	-5.4	374.0	-316.3	65.7	88.1	16.9
10	119.00	6.8	-6.5	2240	1146	3.0	-5.6	367.0	-310.1	61.7	83.5	16.5
11	131.50	4.6	-7.8	2194	1146	2.1	-6.8	360.2	-303.7	57.9	78.9	16.1
12	144.00	6.1	-8.5	2103	1146	2.9	-7.4	355.6	-295.9	54.2	74.4	15.7
13	156.50	7.2	-8.6	2057	1146	3.5	-7.5	349.4	-287.4	50.5	70.0	15.2
14	169.00	7.5	-8.5	2057	1146	3.6	-7.4	342.2	-278.8	47.0	65.7	14.8
15	181.50	7.7	-8.4	2057	1146	3.8	-7.4	334.7	-270.3	43.5	61.5	14.3
16	194.00	8.0	-8.4	2057	1146	3.9	-7.3	327.0	-261.9	40.2	57.3	13.8
17	206.50	8.2	-8.3	2057	1146	4.0	-7.2	319.0	-253.6	37.0	53.3	13.3
18	219.00	8.6	-8.8	2057	1146	4.2	-7.6	310.8	-245.3	33.9	49.4	12.8
19	231.50	9.0	-9.3	2057	1146	4.4	-8.1	302.2	-236.5	30.9	45.5	12.3
20	244.00	9.4	-9.7	2057	1146	4.6	-8.5	293.2	-227.3	28.0	41.8	11.7
21	256.50	9.8	-10.2	2057	1146	4.8	-8.9	283.7	-217.5	25.2	38.2	11.2
22	269.00	10.2	-10.8	2057	1146	5.0	-9.5	273.9	-207.3	22.5	34.7	10.6
23	281.50	10.5	-11.5	2057	1146	5.1	-10.0	263.7	-196.5	20.0	31.4	10.1
24	294.00	10.7	-12.2	2057	1146	5.2	-10.6	253.3	-184.9	17.6	28.1	9.4
25	306.50	11.0	-12.9	2057	1146	5.4	-11.2	242.5	-172.8	15.4	25.1	8.8
26	319.00	11.3	-13.5	2057	1146	5.5	-11.8	231.5	-159.9	13.3	22.1	8.1
27	331.50	12.5	-13.5	2057	1108	6.1	-12.2	220.2	-146.4	11.4	19.3	7.5
28	344.00	13.8	-13.1	2057	1034	6.7	-12.6	207.7	-132.9	9.6	16.6	6.9
29	356.50	32.7	-26.0	4361	1945	7.5	-13.4	193.9	-119.8	8.1	14.1	6.5
30	383.00	12.6	-8.4	1564	615	8.0	-13.7	161.2	-93.9	5.4	9.4	5.4
31	392.50	12.6	-8.1	1564	594	8.1	-13.6	148.6	-85.4	4.6	7.9	4.9
32	402.00	12.7	-7.9	1564	594	8.1	-13.3	136.0	-77.4	3.9	6.5	4.1
33	411.50	12.8	-7.7	1564	594	8.2	-13.0	123.3	-69.5	3.2	5.3	3.3
34	421.00	12.9	-7.6	1564	594	8.2	-12.8	110.5	-61.8	2.6	4.2	2.7
35	430.50	13.3	-7.8	1564	594	8.5	-13.1	97.6	-54.2	1.9	3.2	2.2
36	440.00	13.8	-8.0	1564	594	8.8	-13.4	84.3	-46.4	1.4	2.3	1.6
37	449.50	14.3	-8.2	1564	594	9.1	-13.8	70.5	-38.4	.9	1.6	1.1
38	459.00	14.7	-8.4	1564	594	9.4	-14.1	56.2	-30.2	.5	1.0	1.7
39	468.50	15.0	-8.1	1564	594	9.6	-13.7	41.5	-21.9	.3	.5	1.2
ROOF	478.00	26.5	-13.8	2798	1063	9.5	-13.0	26.5	-13.8	.1	.2	.8

U.N. DEV. CORP. PHASE II BUILDING, NEW YORK
PROJECT 7160 CONFIGURATION A
SCALE = 500 REF. PRESSURE = 32.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50
NUMBER OF SIDES = 4 NO. OF FLOORS = 40

SIDE	ANGLE	Z-AXIS
1	270.0	1.450
2	180.0	1.550
3	90.0	1.450
4	0.0	2.750

FLOOR #	LABEL	HEIGHT-FT
1	1	19.00
2	2	12.50
3	3	12.50
4	4	12.50
5	5	12.50
6	6	12.50
7	7	12.50
8	8	12.50
9	9	12.50
10	10	12.50
11	11	12.50
12	12	12.50
13	13	12.50
14	14	12.50
15	15	12.50
16	16	12.50
17	17	12.50
18	18	12.50
19	19	12.50
20	20	12.50
21	21	12.50
22	22	12.50
23	23	12.50
24	24	12.50
25	25	12.50
26	26	12.50
27	27	12.50
28	28	12.50
29	29	26.50
30	30	9.50
31	31	9.50
32	32	9.50
33	33	9.50
34	34	9.50
35	35	9.50
36	36	9.50
37	37	9.50
38	38	9.50
39	39	9.50
40	ROOF	17.00

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1101	-.326	.067	-.139	-.657
0	1102	-.311	.069	-.118	-.640
0	1103	-.335	.087	-.133	-1.057
0	1104	-.379	.099	-.147	-1.198
0	1105	-.313	.065	-.130	-.634
0	1106	-.343	.094	-.109	-.936
0	1107	-.358	.094	-.166	-.849
0	1108	-.336	.064	-.176	-.615
0	1109	-.353	.080	-.178	-.849
0	1110	-.347	.082	-.185	-.858
0	1111	-.264	.046	-.133	-.469
0	1112	-.288	.049	-.152	-.509
0	1113	-.304	.057	-.156	-.569
0	1114	-.299	.063	-.132	-.778
0	1115	-.320	.066	-.158	-.663
0	1116	-.267	.043	-.154	-.469
0	1117	-.265	.044	-.123	-.465
0	1118	-.280	.049	-.142	-.469
0	1119	-.272	.044	-.148	-.432
0	1120	-.241	.041	-.135	-.410
0	1121	-.268	.043	-.156	-.458
0	1122	-.299	.051	-.157	-.537
0	1123	-.291	.056	-.136	-.860
0	1124	-.286	.054	-.137	-.801
0	1125	-.247	.040	-.117	-.424
0	1126	-.251	.041	-.124	-.448
0	1127	-.238	.040	-.130	-.393
0	1128	-.271	.043	-.163	-.438
0	1129	-.268	.041	-.161	-.427
0	1130	-.255	.046	-.137	-.492
0	1131	-.251	.050	-.109	-.597
0	1132	-.249	.050	-.106	-.557
0	1133	-.230	.038	-.111	-.405
0	1134	-.231	.040	-.130	-.403
0	1135	-.232	.041	-.123	-.410
0	1136	-.265	.044	-.135	-.508
0	1137	-.244	.044	-.109	-.427
0	1138	-.253	.052	-.113	-.637
0	1139	-.265	.068	-.092	-.874
0	1140	-.289	.066	-.119	-.795
0	1141	-.250	.043	-.111	-.480
0	1142	-.262	.044	-.115	-.506
0	1143	-.263	.047	-.112	-.562
0	1144	-.288	.051	-.143	-.553
0	1145	-.239	.046	-.095	-.457
0	1146	-.229	.048	-.099	-.480
0	1147	-.245	.057	-.100	-.575
0	1148	-.236	.058	-.090	-.491
0	1149	-.256	.060	-.107	-.746
0	1150	-.253	.062	-.099	-.803
0	1151	-.256	.063	-.118	-.643
0	1152	-.258	.045	-.136	-.476
0	1153	-.206	.048	-.074	-.475
0	1154	-.241	.043	-.106	-.412
0	1155	-.263	.055	-.120	-.541
0	1156	-.292	.057	-.133	-.541
0	1157	-.231	.046	-.102	-.565
0	1158	-.234	.046	-.102	-.507
0	1159	-.248	.053	-.112	-.637
0	1160	-.246	.083	-.103	-.911
0	1161	-.248	.077	-.105	-.955
0	1162	-.244	.058	-.119	-.558
0	1163	-.223	.045	-.105	-.433
0	1164	-.201	.045	-.070	-.456
0	1165	-.223	.043	-.068	-.376
0	1166	-.243	.046	-.063	-.431
0	1167	-.246	.046	-.080	-.433
0	1168	-.218	.058	-.096	-.569
0	1169	-.199	.048	-.086	-.477
0	1170	-.245	.079	-.048	-.667
0	1171	-.173	.035	-.079	-.353
0	1172	-.165	.034	-.069	-.327
0	1201	-.223	.290	.769	-1.245
0	1202	-.094	.214	.589	-.956
0	1203	-.038	.098	.485	-.364
0	1204	-.063	.081	.372	-.355
0	1205	-.153	.070	.190	-.414
0	1206	-.224	.070	.059	-.501
0	1207	-.231	.286	.706	-1.086
0	1208	-.161	.264	.544	-1.324
0	1209	-.029	.085	.411	-.479
0	1210	-.070	.069	.276	-.294
0	1211	-.160	.064	.158	-.400
0	1212	-.220	.060	.028	-.469
0	1213	-.207	.244	.629	-1.114
0	1214	-.171	.253	.547	-1.065
0	1215	-.035	.082	.418	-.651
0	1216	-.080	.058	.216	-.273
0	1217	-.177	.052	.063	-.338
0	1218	-.229	.051	-.044	-.421
0	1219	-.286	.275	.695	-1.757
0	1220	-.214	.251	.523	-1.417
0	1221	-.154	.041	.043	-.278
0	1222	-.231	.047	-.064	-.400
0	1223	-.273	.263	.514	-1.552
0	1224	-.183	.267	.457	-1.612
0	1225	-.044	.077	.295	-.795
0	1226	-.080	.053	.207	-.290
0	1227	-.149	.044	.075	-.303
0	1228	-.215	.048	-.023	-.414
0	1229	-.300	.206	.374	-1.311
0	1230	-.166	.207	.279	-1.297
0	1231	-.062	.065	.226	-.652
0	1232	-.093	.050	.124	-.325
0	1233	-.169	.047	.039	-.353
0	1234	-.224	.047	-.091	-.388
0	1235	-.339	.190	.253	-1.219
0	1236	-.264	.218	.265	-1.341
0	1237	-.086	.067	.153	-.472
0	1238	-.111	.054	.128	-.484
0	1239	-.142	.044	.025	-.353
0	1240	-.206	.044	-.020	-.407
0	1241	-.289	.160	.223	-1.274
0	1242	-.226	.170	.159	-1.145
0	1243	-.082	.050	.081	-.439
0	1244	-.100	.040	.145	-.337
0	1245	-.140	.035	.068	-.314
0	1246	-.209	.041	-.062	-.390
0	1247	-.200	.134	.129	-1.098
0	1248	-.097	.075	.119	-.561
0	1249	-.095	.037	.049	-.309
0	1250	-.102	.038	.034	-.275
0	1251	-.137	.033	.001	-.276
0	1252	-.213	.041	-.067	-.402
0	1253	-.161	.098	.104	-.688
0	1254	-.112	.044	.014	-.353
0	1255	-.138	.086	.124	-.572
0	1256	-.112	.059	.104	-.498
0	1257	-.095	.037	.051	-.290
0	1258	-.088	.031	.009	-.243
0	1259	-.099	.034	.019	-.251
0	1260	-.160	.041	-.027	-.430
0	1261	-.183	.044	-.048	-.441
0	1262	-.105	.068	.151	-.581
0	1263	-.077	.034	.061	-.292
0	1264	-.093	.031	.038	-.227
0	1265	-.092	.042	.038	-.396
0	1266	-.082	.031	.044	-.231
0	1267	-.081	.028	.019	-.211
0	1268	-.100	.027	-.008	-.208
0	1269	-.099	.025	-.002	-.206
0	1270	-.142	.028	.051	-.293
0	1271	-.174	.035	-.080	-.345
0	1272	-.076	.034	.107	-.335
0	1273	-.070	.033	.104	-.259
0	1274	-.065	.035	.169	-.213
0	1275	-.082	.030	.074	-.226
0	1276	-.081	.031	.097	-.213
0	1277	-.112	.025	-.015	-.224
0	1278	-.125	.024	-.046	-.253

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1279	-.106	.030	.020	-.231
0	1280	-.082	.028	.094	-.171
0	1281	-.092	.023	-.006	-.169
0	1301	.092	.168	.692	-.505
0	1302	.241	.195	.972	-.320
0	1303	.242	.196	1.013	-.327
0	1304	.082	.126	.539	-.291
0	1305	.198	.181	.862	-.271
0	1306	.309	.211	1.324	-.256
0	1307	.278	.197	1.282	-.594
0	1308	.026	.114	.475	-.275
0	1309	.140	.149	.699	-.216
0	1310	.312	.189	.992	-.209
0	1311	.276	.170	.997	-.345
0	1312	.298	.173	.969	-.352
0	1313	.251	.159	.893	-.429
0	1314	.072	.102	.546	-.273
0	1315	.173	.138	.816	-.197
0	1316	.292	.177	1.140	-.124
0	1317	.245	.165	1.012	-.197
0	1318	.219	.158	1.007	-.129
0	1319	.195	.149	.964	-.155
0	1320	.033	.089	.408	-.215
0	1321	.130	.116	.620	-.139
0	1322	.233	.148	.880	-.139
0	1323	.148	.133	.670	-.181
0	1324	-.087	.069	.277	-.288
0	1325	.046	.090	.489	-.176
0	1326	.114	.119	.663	-.180
0	1327	.142	.142	.842	-.186
0	1328	.092	.135	.687	-.222
0	1329	-.079	.054	.162	-.319
0	1330	-.056	.047	.152	-.216
0	1331	.009	.057	.336	-.173
0	1332	.036	.104	.511	-.210
0	1333	.049	.105	.629	-.208
0	1334	-.046	.050	.212	-.236
0	1335	-.025	.048	.233	-.181
0	1336	.019	.053	.281	-.154
0	1337	.044	.098	.670	-.152
0	1338	.046	.102	.683	-.224
0	1339	-.059	.042	.133	-.225
0	1340	-.046	.042	.128	-.193
0	1341	-.018	.048	.185	-.195
0	1342	.016	.084	.411	-.216
0	1343	.017	.091	.490	-.233
0	1344	-.118	.062	.068	-.491
0	1345	-.114	.064	.080	-.469
0	1346	-.087	.071	.107	-.543
0	1347	-.027	.057	.225	-.349
0	1348	-.040	.072	.414	-.239
0	1349	-.047	.045	.132	-.371
0	1350	-.060	.039	.073	-.302
0	1351	-.081	.040	.080	-.282
0	1353	-.054	.042	.144	-.282
0	1354	-.061	.045	.119	-.326
0	1355	-.061	.042	.154	-.258
0	1356	-.087	.046	.095	-.342
0	1357	-.070	.035	.097	-.198
0	1358	-.082	.037	.068	-.295
0	1359	-.045	.042	.162	-.238
0	1360	-.055	.038	.188	-.209
0	1361	-.076	.035	.054	-.269
0	1362	-.061	.031	.065	-.212
0	1401	-.308	.105	-.025	-1.039
0	1402	-.243	.151	-.326	-1.036
0	1403	-.256	.085	-.017	-.662
0	1404	-.260	.084	-.008	-.773
0	1405	-.206	.084	.034	-.581
0	1406	-.257	.069	-.019	-.681
0	1407	-.079	.094	.422	-.414
0	1408	-.220	.096	.144	-.733
0	1409	-.177	.070	.053	-.552
0	1410	-.150	.075	.132	-.615
0	1411	-.289	.061	-.045	-.563
0	1412	-.122	.089	.312	-.396
0	1413	-.211	.093	.206	-.585
0	1414	-.161	.070	.153	-.545
0	1415	-.152	.073	.130	-.516
0	1416	-.263	.054	-.110	-.544
0	1417	-.135	.075	.250	-.376
0	1418	-.180	.087	.119	-.611
0	1419	-.141	.071	.118	-.463
0	1420	-.152	.073	.178	-.470
0	1421	-.271	.054	-.119	-.515
0	1422	-.151	.063	.108	-.468
0	1423	-.171	.076	.169	-.551
0	1424	-.143	.062	.123	-.494
0	1425	-.158	.064	.133	-.628
0	1426	-.262	.063	-.089	-.577
0	1427	-.175	.058	.057	-.488
0	1428	-.122	.063	.174	-.392
0	1429	-.131	.083	.176	-.996
0	1430	-.128	.080	.150	-.932
0	1431	-.236	.057	-.085	-.590
0	1432	-.142	.054	.047	-.409
0	1433	-.114	.077	.109	-.788
0	1434	-.117	.084	.126	-.639
0	1435	.005	.078	.436	-.244
0	1436	-.082	.053	.176	-.366
0	1437	-.112	.069	.153	-.694
0	1438	-.116	.064	.095	-.557
0	1439	-.110	.066	.090	-.810
0	1440	-.252	.061	-.075	-.531
0	1441	-.178	.045	-.017	-.392
0	1442	-.141	.064	.084	-.625
0	1443	-.114	.079	.192	-.696
0	1444	-.117	.083	.172	-.754
0	1445	-.226	.056	-.064	-.485
0	1446	-.167	.047	-.011	-.384
0	1447	-.027	.052	.196	-.200
0	1448	-.050	.048	.224	-.275
0	1449	-.048	.045	.193	-.244
0	1450	-.243	.070	.026	-.590
0	1451	-.261	.073	.028	-.560
0	1452	-.229	.053	-.078	-.463
0	1453	-.182	.045	-.020	-.362
0	1454	.141	.094	.575	-.059
0	1455	-.003	.055	.284	-.143
0	1456	-.017	.045	.267	-.184
0	1901	-.078	.033	.080	-.231
0	1902	-.189	.041	-.041	-.353
0	1903	.058	.069	.382	-.117
0	1904	.001	.057	.407	-.220
0	1905	-.135	.136	.403	-.870
0	1906	-.299	.123	.247	-.834
0	2101	-.219	.043	-.076	-.400
0	2102	-.230	.045	-.082	-.507
0	2103	-.229	.052	-.067	-.667
0	2104	-.223	.071	-.008	-.679
0	2105	-.222	.068	.011	-.654
0	2106	-.259	.038	-.136	-.413
0	2107	-.255	.035	-.143	-.392
0	2108	-.247	.036	-.130	-.382
0	2109	-.228	.038	-.105	-.362
0	2110	-.239	.043	-.113	-.404
0	2111	-.299	.052	-.178	-.543
0	2112	-.289	.053	-.166	-.580
0	2113	-.229	.037	-.117	-.375
0	2114	-.224	.040	-.064	-.381
0	2115	-.227	.037	-.127	-.376
0	2116	-.256	.053	-.091	-.782
0	2117	-.250	.052	-.092	-.501
0	2118	-.214	.041	-.078	-.402
0	2119	-.236	.050	-.121	-.500
0	2120	-.257	.096	-.045	-.991
0	2121	-.232	.085	.004	-.809
0	2201	-.192	.069	.018	-.723
0	2202	-.187	.069	.036	-.629
0	2203	-.216	.069	.020	-.602

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	2204	-.199	.057	-.072	-.702
0	2205	-.199	.052	-.058	-.482
0	2206	-.177	.050	-.015	-.424
0	2207	.195	.152	.923	-.169
0	2208	-.230	.064	-.048	-.625
0	2209	-.222	.052	-.066	-.450
0	2210	-.240	.098	.009	-.821
0	2211	-.293	.092	-.085	-.857
0	2212	-.302	.082	-.101	-.746
0	2301	-.020	.096	.325	-.364
0	2302	.074	.127	.545	-.281
0	2303	.072	.114	.443	-.234
0	2304	.060	.097	.397	-.247
0	2305	-.036	.104	.347	-.510
0	2306	.124	.178	.883	-.311
0	2307	-.023	.132	.623	-.463
0	2308	-.067	.065	.171	-.279
0	2309	.047	.091	.480	-.220
0	2310	.241	.139	.913	-.078
0	2311	.203	.120	.739	-.103
0	2312	.169	.105	.594	-.127
0	2313	.023	.160	.654	-.435
0	2314	-.165	.108	.274	-.486
0	2315	-.088	.047	.135	-.237
0	2316	-.003	.059	.327	-.166
0	2317	.167	.096	.567	-.114
0	2318	.132	.086	.535	-.122
0	2319	.100	.075	.451	-.142
0	2320	-.048	.090	.452	-.376
0	2321	-.124	.086	.284	-.471
0	2322	-.188	.049	-.055	-.397
0	2323	-.144	.038	-.034	-.292
0	2324	.150	.089	.507	-.054
0	2325	.120	.081	.476	-.078
0	2326	-.030	.049	.247	-.195
0	2327	-.082	.032	.078	-.178
0	2401	-.600	.273	.131	-2.091
0	2402	-.446	.222	.060	-1.354
0	2403	-.206	.054	.103	-.420
0	2404	-.188	.044	.043	-.352
0	2405	-.350	.087	-.142	-.769
0	2406	-.357	.091	-.152	-.834
0	2407	-.210	.048	.053	-.387
0	2408	-.205	.036	-.051	-.352
0	2409	-.342	.113	-.116	-1.226
0	2410	-.347	.115	-.111	-1.193
0	2411	-.219	.043	-.021	-.424
0	2412	-.234	.041	-.046	-.366
0	2413	-.209	.062	-.038	-.519
0	2414	-.204	.068	-.001	-.512
0	2415	-.192	.046	-.051	-.390
0	2416	-.216	.052	-.032	-.438
10	1101	-.411	.079	-.214	-.728
10	1102	-.406	.088	-.160	-.798
10	1103	-.412	.095	-.190	-.831
10	1104	-.466	.104	-.225	-1.160
10	1105	-.409	.080	-.195	-.737
10	1106	-.412	.088	-.205	-.888
10	1107	-.409	.089	-.162	-1.092
10	1108	-.394	.068	-.174	-.731
10	1109	-.401	.077	-.187	-.927
10	1110	-.394	.076	-.205	-1.052
10	1111	-.341	.058	-.158	-.571
10	1112	-.361	.060	-.185	-.611
10	1113	-.373	.065	-.199	-.677
10	1114	-.360	.069	-.189	-.790
10	1115	-.357	.067	-.183	-.743
10	1116	-.333	.054	-.188	-.521
10	1117	-.329	.056	-.182	-.535
10	1118	-.337	.055	-.183	-.583
10	1119	-.324	.050	-.185	-.557
10	1120	-.319	.052	-.162	-.529
10	1121	-.356	.054	-.210	-.565
10	1122	-.343	.061	-.180	-.620
10	1123	-.336	.064	-.168	-.763
10	1124	-.324	.062	-.152	-.700
10	1125	-.312	.049	-.186	-.509
10	1126	-.319	.050	-.193	-.522
10	1127	-.313	.050	-.177	-.518
10	1128	-.333	.052	-.203	-.541
10	1129	-.359	.055	-.200	-.560
10	1130	-.339	.062	-.180	-.579
10	1131	-.335	.062	-.172	-.652
10	1132	-.331	.061	-.157	-.621
10	1133	-.312	.048	-.170	-.539
10	1134	-.321	.051	-.175	-.520
10	1135	-.323	.052	-.180	-.539
10	1136	-.371	.060	-.193	-.705
10	1137	-.343	.058	-.165	-.619
10	1138	-.365	.077	-.175	-.843
10	1139	-.377	.098	-.150	-1.043
10	1140	-.409	.096	-.193	-1.059
10	1141	-.314	.052	-.184	-.529
10	1142	-.328	.053	-.188	-.584
10	1143	-.333	.057	-.193	-.626
10	1144	-.292	.065	-.098	-.657
10	1145	-.290	.056	-.056	-.573
10	1146	-.294	.060	-.088	-.524
10	1147	-.310	.072	-.131	-.660
10	1148	-.303	.075	-.090	-.717
10	1149	-.316	.074	-.136	-.961
10	1150	-.317	.076	-.137	-.979
10	1151	-.323	.079	-.127	-.868
10	1152	-.260	.063	-.093	-.664
10	1153	-.273	.066	-.107	-.534
10	1154	-.286	.069	-.080	-.575
10	1155	-.318	.083	-.090	-.859
10	1156	-.327	.088	-.081	-.839
10	1157	-.261	.084	-.113	-.717
10	1158	-.275	.091	-.090	-1.234
10	1159	-.288	.085	-.070	-.938
10	1160	-.329	.131	-.112	-1.973
10	1161	-.331	.132	-.073	-1.249
10	1162	-.245	.076	-.004	-.832
10	1163	-.221	.067	-.018	-.501
10	1164	-.233	.073	-.017	-.546
10	1165	-.243	.060	-.053	-.527
10	1166	-.285	.066	-.095	-.541
10	1167	-.285	.066	-.088	-.525
10	1168	-.277	.084	-.095	-.804
10	1169	-.249	.073	-.062	-.674
10	1170	-.336	.106	-.045	-.880
10	1171	-.222	.061	-.068	-.446
10	1172	-.211	.060	-.054	-.423
10	1201	-.488	.229	.469	-1.562
10	1202	-.386	.265	.435	-1.378
10	1203	-.099	.080	.317	-.657
10	1204	-.115	.057	.159	-.358
10	1205	-.218	.058	.025	-.494
10	1206	-.308	.067	-.108	-.592
10	1207	-.462	.227	.362	-1.405
10	1208	-.402	.270	.636	-1.624
10	1209	-.075	.091	.231	-.610
10	1210	-.113	.056	.177	-.304
10	1211	-.234	.059	.143	-.470
10	1212	-.311	.063	-.023	-.566
10	1213	-.459	.222	.662	-1.233
10	1214	-.359	.275	.530	-1.263
10	1215	-.085	.139	.294	-.893
10	1216	-.120	.059	.177	-.420
10	1217	-.249	.052	.018	-.411
10	1218	-.316	.059	-.132	-.527
10	1219	-.463	.251	.547	-1.312
10	1220	-.396	.258	.617	-1.369
10	1221	-.213	.045	-.004	-.426
10	1222	-.313	.055	-.123	-.524
10	1223	-.442	.230	.636	-1.423
10	1224	-.392	.290	.585	-1.389
10	1225	-.105	.138	.220	-.779
10	1226	-.122	.056	.114	-.502

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1227	-.213	.047	-.055	-.436
10	1228	-.301	.051	-.144	-.498
10	1229	-.458	.209	.362	-1.632
10	1230	-.332	.280	.402	-1.565
10	1231	-.109	.127	.217	-1.138
10	1232	-.130	.054	.115	-.374
10	1233	-.218	.047	.110	-.421
10	1234	-.287	.048	-.053	-.476
10	1235	-.447	.179	.231	-1.471
10	1236	-.416	.231	.316	-1.302
10	1237	-.123	.111	.213	-.870
10	1238	-.138	.052	.119	-.669
10	1239	-.185	.046	-.005	-.387
10	1240	-.264	.045	-.113	-.444
10	1241	-.427	.185	.161	-1.351
10	1242	-.370	.216	.423	-1.522
10	1243	-.119	.084	.120	-.714
10	1244	-.130	.043	.057	-.360
10	1245	-.187	.043	.025	-.363
10	1246	-.273	.044	-.123	-.437
10	1247	-.307	.178	.120	-1.333
10	1248	-.115	.103	.156	-.849
10	1249	-.115	.047	.056	-.321
10	1250	-.131	.049	.083	-.340
10	1251	-.180	.046	.014	-.383
10	1252	-.274	.054	-.089	-.490
10	1253	-.220	.124	.201	-.922
10	1254	-.126	.054	.075	-.585
10	1255	-.164	.105	.201	-.745
10	1256	-.131	.068	.110	-.650
10	1257	-.119	.043	.028	-.412
10	1258	-.127	.038	-.004	-.310
10	1259	-.136	.040	.018	-.318
10	1260	-.206	.049	-.027	-.435
10	1261	-.243	.055	-.075	-.498
10	1262	-.107	.079	.197	-.639
10	1263	-.084	.038	.103	-.293
10	1264	-.117	.036	.007	-.271
10	1265	-.109	.048	.098	-.337
10	1266	-.097	.035	.078	-.305
10	1267	-.101	.033	.056	-.239
10	1268	-.131	.032	-.015	-.307
10	1269	-.127	.030	.006	-.277
10	1270	-.176	.037	-.073	-.344
10	1271	-.222	.051	-.104	-.473
10	1272	-.129	.055	.074	-.375
10	1273	-.120	.053	.075	-.334
10	1274	-.107	.043	.080	-.256
10	1275	-.123	.036	.023	-.241
10	1276	-.119	.035	.038	-.242

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1277	-.138	.029	-.014	-.262
10	1278	-.155	.034	-.043	-.315
10	1279	-.138	.035	-.007	-.258
10	1280	-.107	.035	.078	-.212
10	1281	-.118	.028	-.001	-.216
10	1301	.272	.152	.856	-.227
10	1302	.400	.190	1.086	-.246
10	1303	.383	.191	1.044	-.291
10	1304	.199	.126	.733	-.205
10	1305	.373	.172	.936	-.138
10	1306	.508	.204	1.209	-.055
10	1307	.439	.193	1.061	-.082
10	1308	.171	.118	.592	-.229
10	1309	.334	.152	.961	-.142
10	1310	.483	.190	1.089	-.112
10	1311	.396	.183	1.081	-.081
10	1312	.442	.188	1.066	-.001
10	1313	.356	.177	.976	-.100
10	1314	.132	.107	.560	-.275
10	1315	.270	.137	.691	-.194
10	1316	.419	.175	1.127	-.095
10	1317	.327	.168	1.033	-.116
10	1318	.408	.167	1.042	-.043
10	1319	.347	.176	1.114	-.095
10	1320	.094	.100	.520	-.236
10	1321	.233	.127	.683	-.137
10	1322	.382	.165	1.011	-.010
10	1323	.250	.171	1.003	-.175
10	1324	-.012	.082	.357	-.289
10	1325	.100	.094	.515	-.176
10	1326	.236	.132	.854	-.090
10	1327	.281	.164	.938	-.169
10	1328	.222	.159	.897	-.244
10	1329	-.078	.068	.245	-.414
10	1330	-.045	.055	.175	-.288
10	1331	.045	.076	.345	-.191
10	1332	.160	.141	.739	-.218
10	1333	.160	.152	.776	-.231
10	1334	-.031	.072	.293	-.315
10	1335	-.005	.068	.352	-.235
10	1336	.047	.072	.436	-.186
10	1337	.131	.125	.872	-.265
10	1338	.138	.129	.668	-.180
10	1339	-.036	.066	.223	-.348
10	1340	-.018	.062	.234	-.278
10	1341	.003	.062	.281	-.209
10	1342	.098	.118	.699	-.349
10	1343	.116	.134	.840	-.362
10	1344	-.141	.089	.133	-.759
10	1345	-.140	.089	.095	-.659

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1346	-.106	.095	.147	-.655
10	1347	-.000	.082	.462	-.300
10	1348	.022	.094	.599	-.406
10	1349	-.041	.060	.205	-.436
10	1350	-.058	.052	.133	-.362
10	1351	-.086	.046	.105	-.360
10	1353	-.055	.050	.193	-.287
10	1354	-.058	.057	.209	-.396
10	1355	-.053	.051	.215	-.490
10	1356	-.085	.056	.152	-.434
10	1357	-.100	.046	.059	-.411
10	1358	-.096	.047	.130	-.354
10	1359	-.042	.052	.168	-.283
10	1360	-.050	.047	.279	-.288
10	1361	-.072	.043	.200	-.326
10	1362	-.051	.040	.237	-.206
10	1401	-.285	.089	.002	-.992
10	1402	-.123	.135	.395	-.967
10	1403	-.324	.092	.038	-.635
10	1404	-.280	.076	-.040	-.657
10	1405	-.235	.074	.028	-.521
10	1406	-.254	.070	.047	-.517
10	1407	-.034	.115	.426	-.410
10	1408	-.269	.153	.455	-.792
10	1409	-.211	.090	.084	-.683
10	1410	-.171	.095	.196	-.577
10	1411	-.304	.066	-.076	-.648
10	1412	-.067	.112	.417	-.452
10	1413	-.247	.138	.515	-.803
10	1414	-.188	.091	.205	-.859
10	1415	-.173	.095	.299	-.848
10	1416	-.298	.065	-.061	-.641
10	1417	-.110	.103	.348	-.499
10	1418	-.227	.132	.347	-.697
10	1419	-.178	.089	.164	-.579
10	1420	-.191	.092	.174	-.577
10	1421	-.354	.071	-.114	-.690
10	1422	-.179	.086	.105	-.556
10	1423	-.206	.110	.205	-.779
10	1424	-.174	.079	.082	-.586
10	1425	-.192	.083	.088	-.621
10	1426	-.357	.081	-.129	-.705
10	1427	-.224	.077	.069	-.539
10	1428	-.126	.097	.321	-.491
10	1429	-.150	.110	.321	-1.549
10	1430	-.147	.104	.439	-1.377
10	1431	-.305	.082	-.042	-.688
10	1432	-.165	.073	.083	-.560
10	1433	-.125	.112	.250	-.748
10	1434	-.125	.119	.254	-.927

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1435	.067	.103	.578	-.287
10	1436	-.053	.087	.271	-.358
10	1437	-.108	.103	.210	-1.001
10	1438	-.112	.094	.147	-1.145
10	1439	-.117	.094	.176	-.759
10	1440	-.322	.087	-.093	-.756
10	1441	-.218	.065	-.003	-.528
10	1442	-.108	.097	.233	-.656
10	1443	-.125	.108	.186	-1.195
10	1444	-.128	.112	.135	-1.130
10	1445	-.279	.078	-.051	-.710
10	1446	-.208	.071	.083	-.538
10	1447	.010	.072	.333	-.264
10	1448	-.034	.068	.245	-.301
10	1449	-.034	.059	.202	-.312
10	1450	-.297	.102	.135	-.720
10	1451	-.343	.106	.182	-.870
10	1452	-.295	.075	-.076	-.592
10	1453	-.222	.063	-.033	-.485
10	1454	.243	.118	.725	-.078
10	1455	.031	.070	.387	-.150
10	1456	.007	.058	.338	-.142
10	1901	-.103	.039	.068	-.313
10	1902	-.233	.060	-.050	-.466
10	1903	.131	.100	.553	-.131
10	1904	.029	.073	.424	-.191
10	1905	-.223	.119	.189	-.927
10	1906	-.387	.105	-.005	-1.055
10	2101	-.250	.051	-.098	-.580
10	2102	-.263	.051	-.117	-.545
10	2103	-.270	.056	-.107	-.548
10	2104	-.263	.071	-.056	-.636
10	2105	-.267	.069	-.037	-.756
10	2106	-.296	.043	-.150	-.469
10	2107	-.296	.040	-.156	-.454
10	2108	-.288	.039	-.155	-.446
10	2109	-.260	.044	-.105	-.455
10	2110	-.275	.053	-.089	-.627
10	2111	-.371	.076	-.210	-.928
10	2112	-.358	.078	-.191	-.932
10	2113	-.284	.045	-.160	-.480
10	2114	-.277	.050	-.115	-.510
10	2115	-.286	.047	-.161	-.497
10	2116	-.288	.061	-.074	-.799
10	2117	-.284	.065	-.108	-.564
10	2118	-.245	.056	-.078	-.515
10	2119	-.302	.066	-.150	-.608
10	2120	-.316	.108	-.090	-.884
10	2121	-.327	.108	-.098	-.925
10	2201	-.260	.080	-.021	-.734
10	2202	-.256	.075	.002	-.609
10	2203	-.288	.068	-.065	-.589
10	2204	-.270	.082	-.093	-1.423
10	2205	-.265	.069	-.105	-.933
10	2206	-.241	.058	-.068	-.731
10	2207	.342	.151	.864	-.053
10	2208	-.316	.078	-.118	-.844
10	2209	-.293	.060	-.083	-.637
10	2210	-.334	.123	.010	-1.075
10	2211	-.377	.113	-.098	-1.169
10	2212	-.362	.104	-.127	-1.125
10	2301	.019	.095	.336	-.336
10	2302	.139	.118	.532	-.248
10	2303	.139	.103	.433	-.163
10	2304	.123	.093	.419	-.205
10	2305	.001	.126	.482	-.489
10	2306	.286	.186	.921	-.464
10	2307	.081	.166	.673	-.577
10	2308	-.043	.067	.320	-.278
10	2309	.108	.102	.633	-.391
10	2310	.361	.150	.946	-.038
10	2311	.310	.134	.904	-.021
10	2312	.288	.127	.824	-.095
10	2313	.226	.191	.959	-.432
10	2314	-.053	.161	.537	-.620
10	2315	-.093	.058	.175	-.278
10	2316	.015	.073	.399	-.201
10	2317	.238	.112	.657	-.033
10	2318	.197	.100	.584	-.048
10	2319	.163	.092	.474	-.087
10	2320	-.002	.116	.433	-.463
10	2321	-.108	.111	.293	-.513
10	2322	-.235	.064	-.053	-.485
10	2323	-.175	.047	-.033	-.364
10	2324	.231	.109	.708	-.037
10	2325	.203	.103	.726	-.063
10	2326	.011	.080	.338	-.334
10	2327	-.067	.059	.170	-.285
10	2401	-.717	.211	-.113	-2.160
10	2402	-.705	.202	-.058	-1.481
10	2403	-.268	.067	.019	-.538
10	2404	-.252	.055	-.068	-.466
10	2405	-.543	.116	-.220	-1.228
10	2406	-.559	.121	-.227	-1.317
10	2407	-.245	.084	.144	-.550
10	2408	-.261	.057	-.050	-.486
10	2409	-.509	.155	-.154	-1.264
10	2410	-.510	.158	-.066	-1.432
10	2411	-.287	.065	-.048	-.518
10	2412	-.312	.061	-.063	-.532
10	2413	-.257	.092	.056	-.727
10	2414	-.240	.102	.078	-.828
10	2415	-.246	.064	-.048	-.540
10	2416	-.285	.069	-.077	-.582
20	1101	-.398	.089	-.122	-.820
20	1102	-.369	.082	-.112	-.729
20	1103	-.361	.080	-.122	-.760
20	1104	-.408	.083	-.150	-.922
20	1105	-.375	.074	-.152	-.645
20	1106	-.374	.078	-.137	-.659
20	1107	-.379	.082	-.129	-.742
20	1108	-.367	.069	-.134	-.680
20	1109	-.372	.072	-.151	-.678
20	1110	-.369	.071	-.134	-.752
20	1111	-.332	.069	-.130	-.737
20	1112	-.341	.068	-.142	-.629
20	1113	-.347	.069	-.143	-.790
20	1114	-.331	.069	-.150	-.769
20	1115	-.320	.063	-.141	-.594
20	1116	-.330	.061	-.150	-.905
20	1117	-.325	.061	-.131	-.728
20	1118	-.329	.060	-.155	-.557
20	1119	-.316	.057	-.163	-.544
20	1120	-.307	.056	-.119	-.513
20	1121	-.346	.058	-.158	-.547
20	1122	-.342	.065	-.156	-.789
20	1123	-.338	.065	-.154	-.657
20	1124	-.321	.063	-.143	-.605
20	1125	-.321	.057	-.118	-.531
20	1126	-.329	.058	-.129	-.537
20	1127	-.304	.058	-.127	-.566
20	1128	-.341	.064	-.168	-.621
20	1129	-.355	.066	-.185	-.689
20	1130	-.334	.071	-.152	-.771
20	1131	-.314	.071	-.063	-.667
20	1132	-.308	.070	-.055	-.669
20	1133	-.305	.063	-.137	-.617
20	1134	-.309	.066	-.137	-.694
20	1135	-.313	.070	-.141	-.845
20	1136	-.359	.077	-.153	-.670
20	1137	-.330	.075	-.144	-.692
20	1138	-.374	.100	-.142	-.941
20	1139	-.379	.117	-.097	-1.209
20	1140	-.408	.114	-.121	-1.282
20	1141	-.322	.078	-.133	-.864
20	1142	-.339	.083	-.142	-.992
20	1143	-.347	.086	-.157	-.831
20	1144	-.291	.071	-.088	-.623
20	1145	-.280	.060	-.098	-.604
20	1146	-.283	.069	-.098	-.612

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	1147	-.288	.073	-.088	-.697
20	1148	-.279	.075	-.074	-.606
20	1149	-.315	.088	-.096	-.842
20	1150	-.321	.092	-.115	-.911
20	1151	-.325	.094	-.106	-1.121
20	1152	-.243	.064	-.062	-.733
20	1153	-.255	.064	-.065	-.588
20	1154	-.261	.083	-.043	-.897
20	1155	-.287	.098	-.018	-.760
20	1156	-.296	.103	-.034	-.804
20	1157	-.295	.122	-.063	-1.039
20	1158	-.308	.127	-.068	-1.214
20	1159	-.264	.098	-.060	-1.119
20	1160	-.311	.145	-.071	-1.375
20	1161	-.307	.150	-.048	-1.596
20	1162	-.181	.071	-.014	-.681
20	1163	-.163	.057	-.013	-.459
20	1164	-.178	.067	.036	-.522
20	1165	-.220	.066	-.021	-.622
20	1166	-.264	.076	-.051	-.600
20	1167	-.264	.074	-.033	-.585
20	1168	-.241	.092	-.064	-.758
20	1169	-.197	.070	-.047	-.547
20	1170	-.285	.098	-.040	-.769
20	1171	-.159	.051	.067	-.349
20	1172	-.151	.049	.063	-.357
20	1201	-.655	.198	-.005	-1.617
20	1202	-.642	.207	.132	-1.499
20	1203	-.247	.159	.143	-1.168
20	1204	-.168	.058	.040	-.816
20	1205	-.256	.063	-.002	-.672
20	1206	-.327	.065	-.137	-.783
20	1207	-.641	.185	-.131	-1.610
20	1208	-.632	.193	.310	-1.689
20	1209	-.258	.171	.126	-.921
20	1210	-.172	.054	.062	-.569
20	1211	-.269	.052	-.065	-.465
20	1212	-.333	.064	-.078	-.556
20	1213	-.577	.162	.144	-1.368
20	1214	-.591	.177	.133	-1.382
20	1215	-.327	.220	.145	-1.161
20	1216	-.195	.077	.057	-.739
20	1217	-.272	.059	-.069	-.604
20	1218	-.323	.067	-.137	-.625
20	1219	-.590	.188	.454	-1.656
20	1220	-.569	.177	.274	-1.514
20	1221	-.239	.055	-.060	-.518
20	1222	-.316	.063	-.133	-.581
20	1223	-.568	.188	.231	-1.509
20	1224	-.574	.216	.315	-1.336
20	1225	-.314	.220	.214	-1.178
20	1226	-.191	.087	.111	-.773
20	1227	-.240	.055	-.048	-.558
20	1228	-.299	.055	-.095	-.537
20	1229	-.572	.186	.052	-1.632
20	1230	-.538	.227	.232	-1.367
20	1231	-.326	.216	.138	-1.433
20	1232	-.187	.082	.065	-.791
20	1233	-.238	.056	-.005	-.552
20	1234	-.288	.055	-.123	-.500
20	1235	-.557	.167	.121	-1.377
20	1236	-.584	.190	.206	-1.442
20	1237	-.284	.206	.128	-1.304
20	1238	-.179	.072	.079	-.739
20	1239	-.195	.049	-.007	-.470
20	1240	-.267	.052	-.073	-.519
20	1241	-.623	.239	.053	-1.712
20	1242	-.567	.271	.161	-1.821
20	1243	-.169	.115	.181	-.881
20	1244	-.153	.047	.026	-.381
20	1245	-.193	.047	.003	-.403
20	1246	-.279	.051	-.133	-.450
20	1247	-.368	.220	.141	-1.990
20	1248	-.150	.148	.169	-1.111
20	1249	-.143	.051	.033	-.369
20	1250	-.157	.056	.050	-.374
20	1251	-.189	.057	.076	-.413
20	1252	-.292	.071	-.029	-.635
20	1253	-.247	.139	.355	-1.052
20	1254	-.148	.076	.145	-.673
20	1255	-.200	.145	.327	-1.163
20	1256	-.176	.111	.150	-.954
20	1257	-.162	.069	.056	-.708
20	1258	-.171	.046	-.036	-.401
20	1259	-.176	.045	-.049	-.385
20	1260	-.226	.051	-.081	-.431
20	1261	-.255	.060	-.068	-.601
20	1262	-.142	.101	.250	-.797
20	1263	-.122	.069	.084	-.654
20	1264	-.156	.051	-.025	-.679
20	1265	-.157	.070	.041	-.504
20	1266	-.127	.047	.006	-.386
20	1267	-.130	.037	.016	-.355
20	1268	-.167	.035	-.044	-.288
20	1269	-.150	.032	-.032	-.271
20	1270	-.181	.043	-.051	-.374
20	1271	-.218	.059	-.064	-.503
20	1272	-.182	.070	.072	-.536
20	1273	-.164	.066	.066	-.484
20	1274	-.137	.054	.126	-.391
20	1275	-.151	.037	-.032	-.298
20	1276	-.139	.034	-.032	-.275
20	1277	-.138	.032	-.032	-.308
20	1278	-.149	.038	-.043	-.327
20	1279	-.165	.039	-.038	-.378
20	1280	-.128	.038	.054	-.258
20	1281	-.122	.031	.032	-.234
20	1301	-.367	.154	.895	-.166
20	1302	-.407	.170	1.000	-.145
20	1303	-.343	.166	1.084	-.239
20	1304	-.303	.143	.786	-.135
20	1305	-.433	.170	1.024	-.274
20	1306	-.492	.186	1.268	-.185
20	1307	-.376	.172	1.211	-.247
20	1308	-.237	.127	.766	-.090
20	1309	-.439	.163	.946	-.130
20	1310	-.504	.187	1.149	-.262
20	1311	-.392	.173	.944	-.327
20	1312	-.505	.184	1.169	-.177
20	1313	-.345	.168	.966	-.307
20	1314	-.211	.121	.638	-.173
20	1315	-.357	.150	.922	-.072
20	1316	-.472	.183	1.115	-.154
20	1317	-.306	.166	.974	-.390
20	1318	-.487	.180	1.069	-.142
20	1319	-.329	.167	.941	-.274
20	1320	-.166	.123	.686	-.195
20	1321	-.309	.150	.909	-.033
20	1322	-.435	.175	1.095	-.037
20	1323	-.199	.154	.944	-.252
20	1324	-.033	.095	.646	-.307
20	1325	-.157	.110	.640	-.115
20	1326	-.253	.132	.821	-.068
20	1327	-.255	.160	1.018	-.258
20	1328	-.174	.156	.907	-.388
20	1329	-.026	.091	.462	-.392
20	1330	-.002	.071	.406	-.233
20	1331	-.046	.077	.373	-.176
20	1332	-.140	.146	.800	-.300
20	1333	-.131	.162	.901	-.315
20	1334	-.044	.082	.413	-.278
20	1335	-.066	.078	.369	-.210
20	1336	-.081	.083	.543	-.233
20	1337	-.126	.123	.765	-.259
20	1338	-.095	.126	.642	-.328
20	1339	-.016	.072	.423	-.322
20	1340	-.025	.070	.283	-.231
20	1341	-.018	.067	.453	-.363
20	1342	-.057	.111	.634	-.313
20	1343	-.061	.129	.761	-.389

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	1344	-.136	.108	.553	-.760
20	1345	-.165	.120	.302	-.796
20	1346	-.163	.139	.166	-.907
20	1347	-.020	.090	.318	-.525
20	1348	.007	.101	.663	-.530
20	1349	-.017	.067	.207	-.353
20	1350	-.028	.056	.176	-.363
20	1351	-.063	.055	.176	-.460
20	1353	-.062	.056	.133	-.506
20	1354	-.019	.062	.309	-.358
20	1355	-.013	.059	.252	-.230
20	1356	-.035	.065	.224	-.451
20	1357	-.077	.059	.121	-.626
20	1358	-.086	.054	.169	-.398
20	1359	.012	.069	.303	-.279
20	1360	.007	.068	.259	-.209
20	1361	-.031	.061	.318	-.248
20	1362	-.019	.055	.250	-.178
20	1401	-.260	.075	.011	-.585
20	1402	-.107	.106	.347	-.507
20	1403	-.253	.132	.234	-.591
20	1404	-.291	.082	.092	-.767
20	1405	-.254	.078	.056	-.601
20	1406	-.242	.071	.064	-.521
20	1407	-.033	.112	.561	-.376
20	1408	-.163	.236	.660	-.860
20	1409	-.231	.113	.155	-1.151
20	1410	-.190	.109	.175	-1.036
20	1411	-.286	.066	.032	-.563
20	1412	-.098	.110	.360	-.526
20	1413	-.149	.200	.558	-.767
20	1414	-.197	.105	.210	-.811
20	1415	-.185	.101	.232	-.864
20	1416	-.284	.067	.025	-.549
20	1417	-.113	.112	.302	-.504
20	1418	-.144	.175	.512	-.704
20	1419	-.171	.100	.304	-.837
20	1420	-.188	.098	.271	-.834
20	1421	-.324	.070	-.099	-.616
20	1422	-.160	.088	.261	-.500
20	1423	-.149	.145	.500	-.743
20	1424	-.169	.106	.240	-1.407
20	1425	-.192	.102	.151	-1.047
20	1426	-.333	.090	-.068	-.735
20	1427	-.226	.089	.190	-.559
20	1428	-.061	.127	.433	-.478
20	1429	-.123	.156	.467	-1.107
20	1430	-.136	.142	.361	-1.074
20	1431	-.261	.079	-.052	-.608
20	1432	-.118	.069	.181	-.428

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	1433	-.065	.130	.300	-.985
20	1434	-.074	.128	.284	-.829
20	1435	-.087	.094	.453	-.228
20	1436	-.009	.083	.283	-.338
20	1437	-.051	.112	.393	-.644
20	1438	-.070	.104	.346	-.660
20	1439	-.068	.098	.453	-.552
20	1440	-.289	.093	-.039	-.715
20	1441	-.179	.064	.016	-.480
20	1442	-.029	.101	.309	-.678
20	1443	-.050	.099	.260	-.774
20	1444	-.063	.097	.246	-.890
20	1445	-.239	.078	.005	-.611
20	1446	-.147	.079	.133	-.581
20	1447	.070	.078	.451	-.178
20	1448	.029	.074	.391	-.325
20	1449	.014	.062	.346	-.233
20	1450	-.249	.105	.138	-.675
20	1451	-.319	.115	.126	-.875
20	1452	-.271	.077	-.067	-.604
20	1453	-.190	.064	.007	-.492
20	1454	.255	.116	.843	-.012
20	1455	.063	.068	.418	-.156
20	1456	.042	.059	.443	-.153
20	1901	-.134	.047	.097	-.385
20	1902	-.193	.058	.008	-.417
20	1903	.187	.104	.677	-.071
20	1904	.076	.074	.437	-.155
20	1905	-.232	.102	.239	-.642
20	1906	-.411	.090	-.179	-.854
20	2101	-.246	.062	-.042	-.495
20	2102	-.255	.062	-.053	-.493
20	2103	-.280	.064	-.053	-.576
20	2104	-.266	.084	.034	-.783
20	2105	-.278	.090	-.051	-.904
20	2106	-.277	.052	-.116	-.481
20	2107	-.281	.049	-.125	-.461
20	2108	-.272	.045	-.112	-.431
20	2109	-.256	.063	-.016	-.754
20	2110	-.278	.082	-.003	-.862
20	2111	-.386	.103	-.107	-.878
20	2112	-.375	.107	-.085	-.918
20	2113	-.273	.055	-.097	-.523
20	2114	-.275	.066	-.038	-.683
20	2115	-.292	.069	-.102	-.840
20	2116	-.267	.069	-.036	-.600
20	2117	-.265	.064	-.042	-.578
20	2118	-.246	.062	-.027	-.523
20	2119	-.315	.079	-.127	-.736
20	2120	-.321	.120	-.061	-1.134

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	2121	-.327	.119	-.023	-1.094
20	2201	-.302	.136	.120	-1.175
20	2202	-.290	.116	.054	-.963
20	2203	-.317	.095	-.055	-1.123
20	2204	-.297	.158	.070	-1.729
20	2205	-.287	.136	.026	-1.222
20	2206	-.256	.113	.029	-1.654
20	2207	-.397	.157	.923	-.047
20	2208	-.321	.116	.047	-1.160
20	2209	-.299	.077	-.084	-.992
20	2210	-.315	.130	-.018	-1.780
20	2211	-.353	.125	-.081	-1.210
20	2212	-.346	.109	-.004	-1.102
20	2301	.063	.134	.580	-.539
20	2302	.184	.157	.804	-.417
20	2303	.154	.121	.570	-.416
20	2304	.149	.119	.544	-.414
20	2305	.073	.163	.682	-.823
20	2306	.340	.162	.983	-.349
20	2307	.190	.131	.703	-.350
20	2308	-.053	.090	.331	-.549
20	2309	.114	.117	.605	-.375
20	2310	.390	.165	.978	-.121
20	2311	.336	.155	.893	-.215
20	2312	.323	.151	.844	-.194
20	2313	.334	.165	.954	-.298
20	2314	.081	.133	.681	-.481
20	2315	-.087	.060	.214	-.390
20	2316	.033	.073	.376	-.176
20	2317	.256	.113	.750	-.019
20	2318	.219	.103	.693	-.039
20	2319	.184	.095	.625	-.081
20	2320	.075	.100	.485	-.423
20	2321	-.025	.101	.398	-.506
20	2322	-.207	.062	-.024	-.611
20	2323	-.148	.047	.004	-.423
20	2324	.245	.115	.705	-.052
20	2325	.221	.107	.665	-.041
20	2326	.076	.084	.410	-.268
20	2327	.002	.066	.249	-.248
20	2401	-.618	.141	-.230	-1.345
20	2402	-.638	.147	-.248	-1.424
20	2403	-.255	.082	.058	-.650
20	2404	-.234	.062	.012	-.465
20	2405	-.579	.135	-.171	-1.343
20	2406	-.597	.139	-.186	-1.236
20	2407	-.213	.082	.171	-.535
20	2408	-.226	.055	.010	-.431
20	2409	-.543	.182	-.096	-1.417
20	2410	-.513	.184	-.046	-1.512

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	2411	-.257	.068	-.008	-.556
20	2412	-.287	.067	-.051	-.620
20	2413	-.202	.091	.168	-.621
20	2414	-.165	.106	.186	-.678
20	2415	-.225	.059	.014	-.518
20	2416	-.272	.065	-.078	-.590
30	1101	-.352	.105	-.077	-.986
30	1102	-.355	.102	-.086	-.858
30	1103	-.348	.093	-.111	-.753
30	1104	-.397	.095	-.162	-.808
30	1105	-.356	.092	-.127	-.752
30	1106	-.323	.076	-.086	-.635
30	1107	-.334	.087	-.118	-.753
30	1108	-.333	.080	-.110	-.726
30	1109	-.343	.082	-.124	-.768
30	1110	-.344	.081	-.127	-.777
30	1111	-.316	.080	-.117	-.900
30	1112	-.323	.073	-.134	-.620
30	1113	-.332	.077	-.040	-.761
30	1114	-.310	.076	-.049	-.848
30	1115	-.296	.070	-.034	-.666
30	1116	-.308	.072	-.113	-.779
30	1117	-.300	.072	-.092	-.791
30	1118	-.300	.067	-.122	-.666
30	1119	-.286	.066	-.098	-.637
30	1120	-.277	.064	-.100	-.558
30	1121	-.317	.066	-.134	-.621
30	1122	-.329	.082	-.061	-.821
30	1123	-.319	.082	-.096	-.854
30	1124	-.299	.076	-.092	-.765
30	1125	-.276	.066	-.119	-.619
30	1126	-.284	.067	-.128	-.609
30	1127	-.271	.063	-.114	-.563
30	1128	-.315	.072	-.103	-.698
30	1129	-.321	.068	-.164	-.708
30	1130	-.296	.081	-.111	-.737
30	1131	-.293	.084	-.050	-.794
30	1132	-.284	.081	-.039	-.763
30	1133	-.292	.082	-.098	-.850
30	1134	-.301	.084	-.106	-.907
30	1135	-.304	.085	-.106	-.799
30	1136	-.326	.076	-.103	-.627
30	1137	-.295	.074	-.052	-.579
30	1138	-.348	.115	-.109	-1.096
30	1139	-.347	.124	-.070	-1.041
30	1140	-.381	.120	-.134	-.971
30	1141	-.290	.096	-.093	-.949
30	1142	-.301	.100	-.113	-1.104
30	1143	-.299	.092	-.118	-.820
30	1144	-.231	.059	-.074	-.551
30	1145	-.229	.059	.015	-.460
30	1146	-.227	.061	-.069	-.523
30	1147	-.231	.059	-.081	-.500
30	1148	-.223	.058	-.064	-.501
30	1149	-.242	.071	-.064	-.642
30	1150	-.244	.072	-.074	-.683
30	1151	-.238	.067	-.079	-.603
30	1152	-.200	.055	-.015	-.536
30	1153	-.189	.045	-.050	-.423
30	1154	-.226	.076	-.023	-.602
30	1155	-.233	.082	-.045	-.831
30	1156	-.239	.082	-.055	-.883
30	1157	-.211	.087	-.031	-.748
30	1158	-.217	.089	-.028	-.830
30	1159	-.203	.073	-.043	-.684
30	1160	-.195	.106	-.025	-.877
30	1161	-.202	.097	-.026	-1.179
30	1162	-.145	.055	-.018	-.682
30	1163	-.130	.046	.065	-.405
30	1164	-.131	.050	.039	-.373
30	1165	-.198	.065	-.014	-.709
30	1166	-.227	.071	-.043	-.553
30	1167	-.227	.071	-.048	-.599
30	1168	-.166	.067	-.027	-.676
30	1169	-.146	.044	-.014	-.392
30	1170	-.162	.054	-.027	-.436
30	1171	-.104	.034	.032	-.253
30	1172	-.103	.033	.009	-.249
30	1201	-.616	.172	-.140	-2.085
30	1202	-.609	.163	-.161	-1.451
30	1203	-.439	.193	.035	-1.290
30	1204	-.247	.133	.107	-1.105
30	1205	-.290	.108	-.032	-.936
30	1206	-.328	.105	-.043	-1.098
30	1207	-.604	.156	-.081	-1.450
30	1208	-.607	.160	-.138	-1.592
30	1209	-.455	.189	-.003	-1.196
30	1210	-.232	.089	.013	-.740
30	1211	-.264	.073	-.077	-.752
30	1212	-.306	.080	-.078	-.778
30	1213	-.576	.159	-.019	-1.715
30	1214	-.620	.184	-.036	-1.652
30	1215	-.483	.199	.088	-1.205
30	1216	-.265	.110	.005	-.738
30	1217	-.263	.074	-.036	-.617
30	1218	-.294	.077	-.068	-.647
30	1219	-.641	.212	-.120	-2.078
30	1220	-.588	.181	-.034	-1.836
30	1221	-.237	.066	-.019	-.551
30	1222	-.287	.075	-.061	-.656
30	1223	-.635	.207	-.065	-1.873
30	1224	-.645	.206	.001	-1.736
30	1225	-.487	.203	.052	-1.284
30	1226	-.267	.116	.162	-.792
30	1227	-.239	.072	-.015	-.568
30	1228	-.286	.071	-.033	-.644
30	1229	-.650	.209	-.026	-2.028
30	1230	-.633	.211	.050	-1.570
30	1231	-.435	.208	.101	-1.491
30	1232	-.237	.107	.029	-.989
30	1233	-.234	.067	-.034	-.640
30	1234	-.259	.062	-.064	-.589
30	1235	-.586	.174	-.094	-1.446
30	1236	-.616	.188	-.088	-1.587
30	1237	-.368	.201	.112	-1.346
30	1238	-.201	.088	.122	-.889
30	1239	-.182	.061	.067	-.672
30	1240	-.241	.058	-.061	-.517
30	1241	-.687	.266	.022	-1.779
30	1242	-.626	.303	.149	-2.108
30	1243	-.210	.141	.164	-.952
30	1244	-.162	.063	.128	-.580
30	1245	-.178	.060	.133	-.484
30	1246	-.255	.062	-.017	-.515
30	1247	-.391	.256	.257	-1.772
30	1248	-.252	.224	.192	-1.672
30	1249	-.168	.064	.222	-.547
30	1250	-.175	.067	.090	-.490
30	1251	-.184	.063	.086	-.487
30	1252	-.252	.076	-.014	-.634
30	1253	-.281	.168	.438	-1.242
30	1254	-.201	.115	.150	-.778
30	1255	-.254	.160	.328	-1.217
30	1256	-.238	.139	.193	-1.260
30	1257	-.210	.095	.024	-1.108
30	1258	-.188	.048	-.052	-.559
30	1259	-.184	.043	-.032	-.408
30	1260	-.200	.046	-.078	-.422
30	1261	-.207	.053	-.073	-.491
30	1262	-.197	.132	.518	-.918
30	1263	-.167	.096	.213	-.803
30	1264	-.187	.065	-.028	-.633
30	1265	-.198	.075	.085	-.537
30	1266	-.161	.058	.004	-.483
30	1267	-.148	.046	-.002	-.369
30	1268	-.184	.041	-.050	-.390
30	1269	-.151	.036	-.002	-.330
30	1270	-.158	.039	-.031	-.328
30	1271	-.176	.049	-.037	-.367
30	1272	-.196	.081	.143	-.658

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	1273	-.164	.076	.216	-.658
30	1274	-.133	.058	.115	-.361
30	1275	-.150	.038	.019	-.316
30	1276	-.136	.037	-.018	-.271
30	1277	-.127	.032	-.028	-.271
30	1278	-.125	.034	-.019	-.308
30	1279	-.155	.039	-.035	-.488
30	1280	-.107	.040	.037	-.280
30	1281	-.097	.032	.030	-.234
30	1301	.355	.188	1.088	-.403
30	1302	.350	.180	.932	-.389
30	1303	.259	.167	.879	-.509
30	1304	.324	.173	.992	-.229
30	1305	.428	.208	1.191	-.277
30	1306	.405	.209	1.032	-.588
30	1307	.260	.185	.877	-.647
30	1308	.257	.156	.761	-.366
30	1309	.393	.194	1.189	-.278
30	1310	.408	.220	1.093	-.303
30	1311	.238	.186	.951	-.403
30	1312	.367	.208	1.074	-.328
30	1313	.201	.182	.826	-.463
30	1314	.206	.139	.869	-.363
30	1315	.337	.169	1.034	-.271
30	1316	.418	.207	1.208	-.377
30	1317	.221	.187	.802	-.726
30	1318	.385	.196	1.051	-.156
30	1319	.240	.181	.762	-.750
30	1320	.141	.118	.742	-.375
30	1321	.252	.148	1.003	-.340
30	1322	.344	.185	1.013	-.176
30	1323	.088	.165	.664	-.717
30	1324	.051	.102	.498	-.329
30	1325	.139	.120	.691	-.235
30	1326	.196	.139	.750	-.193
30	1327	.170	.176	.793	-.329
30	1328	.081	.179	.727	-.484
30	1329	-.010	.089	.508	-.503
30	1330	.008	.072	.452	-.262
30	1331	.018	.077	.282	-.241
30	1332	.045	.131	.665	-.536
30	1333	.022	.156	.708	-.418
30	1334	.052	.082	.385	-.290
30	1335	.067	.079	.400	-.229
30	1336	.073	.082	.382	-.183
30	1337	.059	.101	.598	-.259
30	1338	.027	.116	.550	-.407
30	1339	.020	.071	.302	-.287
30	1340	.023	.070	.361	-.319
30	1341	.009	.065	.257	-.298

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	1342	.011	.086	.504	-.310
30	1343	.001	.106	.648	-.420
30	1344	-.116	.113	.326	-.635
30	1345	-.135	.118	.239	-.745
30	1346	-.156	.130	.168	-.741
30	1347	-.061	.098	.340	-.476
30	1348	-.045	.102	.328	-.444
30	1349	-.024	.057	.198	-.360
30	1350	-.024	.049	.184	-.247
30	1351	-.041	.056	.137	-.470
30	1353	-.072	.057	.136	-.374
30	1354	-.008	.057	.269	-.288
30	1355	-.004	.051	.228	-.192
30	1356	-.009	.055	.171	-.355
30	1357	-.038	.056	.218	-.281
30	1358	-.059	.055	.177	-.396
30	1359	.018	.052	.231	-.169
30	1360	.018	.052	.246	-.143
30	1361	.008	.056	.268	-.199
30	1362	.009	.059	.316	-.229
30	1401	-.284	.084	.012	-.728
30	1402	-.183	.100	.229	-.647
30	1403	-.133	.165	.348	-.663
30	1404	-.327	.146	.210	-1.054
30	1405	-.299	.127	.366	-1.067
30	1406	-.267	.086	.114	-.705
30	1407	-.111	.118	.453	-.452
30	1408	-.042	.256	.674	-.867
30	1409	-.240	.184	.479	-.984
30	1410	-.211	.161	.454	-1.090
30	1411	-.285	.080	.077	-.656
30	1412	-.158	.122	.477	-.595
30	1413	-.065	.218	.624	-.939
30	1414	-.184	.182	.557	-1.245
30	1415	-.186	.163	.514	-1.138
30	1416	-.283	.088	.101	-.761
30	1417	-.178	.122	.391	-.653
30	1418	-.080	.188	.438	-.768
30	1419	-.150	.165	.465	-1.323
30	1420	-.179	.156	.438	-1.696
30	1421	-.313	.083	.072	-.716
30	1422	-.191	.094	.264	-.597
30	1423	-.079	.150	.407	-.737
30	1424	-.143	.152	.493	-1.161
30	1425	-.177	.145	.497	-1.094
30	1426	-.309	.089	.011	-.724
30	1427	-.219	.080	.165	-.610
30	1428	-.023	.099	.462	-.478
30	1429	-.088	.157	.348	-1.343
30	1430	-.107	.148	.377	-1.074

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	1431	-.215	.065	.014	-.539
30	1432	-.089	.059	.184	-.368
30	1433	-.023	.112	.326	-.793
30	1434	-.044	.119	.382	-.868
30	1435	.078	.087	.465	-.192
30	1436	.028	.069	.372	-.370
30	1437	-.014	.099	.343	-.687
30	1438	-.040	.100	.308	-.732
30	1439	-.053	.098	.305	-.636
30	1440	-.257	.075	-.079	-.692
30	1441	-.167	.052	.018	-.559
30	1442	.007	.075	.318	-.550
30	1443	-.031	.074	.249	-.641
30	1444	-.050	.077	.155	-.677
30	1445	-.204	.063	-.039	-.554
30	1446	-.109	.053	.064	-.391
30	1447	.058	.072	.403	-.141
30	1448	.027	.057	.284	-.207
30	1449	.010	.051	.226	-.160
30	1450	-.234	.086	.198	-.636
30	1451	-.285	.100	.086	-.705
30	1452	-.247	.067	-.088	-.589
30	1453	-.172	.052	-.000	-.427
30	1454	.199	.107	.758	-.034
30	1455	.051	.058	.325	-.107
30	1456	.035	.052	.281	-.133
30	1901	-.124	.055	.127	-.362
30	1902	-.165	.046	-.028	-.401
30	1903	.135	.088	.578	-.064
30	1904	.061	.064	.388	-.167
30	1905	-.202	.147	.371	-.770
30	1906	-.465	.119	-.130	-.996
30	2101	-.228	.070	-.024	-.528
30	2102	-.238	.071	-.020	-.548
30	2103	-.274	.079	-.043	-.698
30	2104	-.262	.110	.044	-.767
30	2105	-.278	.120	.102	-.943
30	2106	-.246	.064	-.044	-.519
30	2107	-.255	.060	-.082	-.504
30	2108	-.240	.052	-.075	-.470
30	2109	-.245	.094	-.005	-1.064
30	2110	-.280	.122	.016	-1.208
30	2111	-.289	.095	-.052	-.901
30	2112	-.272	.094	-.068	-.978
30	2113	-.236	.057	-.098	-.450
30	2114	-.265	.097	-.011	-.816
30	2115	-.292	.097	-.085	-.728
30	2116	-.192	.068	-.013	-.501
30	2117	-.192	.065	-.007	-.481
30	2118	-.201	.063	.002	-.620

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	2119	-.274	.072	-.110	-.586
30	2120	-.272	.113	-.025	-1.152
30	2121	-.303	.135	.014	-1.312
30	2201	-.333	.183	.150	-1.479
30	2202	-.329	.166	.205	-1.295
30	2203	-.423	.199	-.024	-1.814
30	2204	-.353	.227	.230	-1.825
30	2205	-.329	.179	.181	-1.568
30	2206	-.334	.188	.038	-1.495
30	2207	.368	.193	1.038	-.305
30	2208	-.332	.152	.039	-1.243
30	2209	-.354	.139	-.067	-1.824
30	2210	-.288	.130	-.000	-1.092
30	2211	-.334	.149	-.022	-1.272
30	2212	-.306	.127	-.044	-1.162
30	2301	.071	.211	.673	-.640
30	2302	.188	.234	.839	-.611
30	2303	.146	.186	.801	-.756
30	2304	.150	.183	.731	-.767
30	2305	.091	.253	.845	-.921
30	2306	.256	.207	.872	-.509
30	2307	.140	.172	.682	-.600
30	2308	-.091	.143	.552	-.949
30	2309	.034	.149	.709	-.526
30	2310	.249	.164	.901	-.132
30	2311	.206	.154	.892	-.416
30	2312	.190	.145	.832	-.300
30	2313	.282	.204	1.042	-.229
30	2314	.076	.161	.761	-.398
30	2315	-.120	.079	.359	-.611
30	2316	-.014	.079	.366	-.355
30	2317	.180	.117	.861	-.069
30	2318	.149	.106	.811	-.219
30	2319	.120	.095	.744	-.121
30	2320	.077	.097	.562	-.289
30	2321	-.005	.093	.400	-.404
30	2322	-.177	.069	.020	-.594
30	2323	-.118	.052	.066	-.378
30	2324	.186	.105	.613	-.039
30	2325	.168	.098	.534	-.048
30	2326	.067	.069	.348	-.106
30	2327	.014	.050	.210	-.108
30	2401	-.651	.175	-.211	-1.692
30	2402	-.666	.189	-.085	-1.521
30	2403	-.254	.088	.101	-.632
30	2404	-.230	.070	.018	-.543
30	2405	-.616	.201	-.142	-1.987
30	2406	-.621	.203	-.088	-1.770
30	2407	-.231	.081	.094	-.563
30	2408	-.222	.060	-.000	-.483

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	2409	-.478	.190	-.060	-1.597
30	2410	-.415	.182	-.030	-1.372
30	2411	-.227	.060	-.046	-.594
30	2412	-.233	.061	-.052	-.565
30	2413	-.170	.075	.098	-.569
30	2414	-.137	.087	.199	-.540
30	2415	-.180	.049	-.034	-.392
30	2416	-.196	.058	-.018	-.455
40	1101	-.317	.085	-.065	-.749
40	1102	-.313	.081	-.080	-.685
40	1103	-.306	.076	-.069	-.615
40	1104	-.353	.078	-.112	-.682
40	1105	-.309	.071	-.107	-.585
40	1106	-.313	.073	-.138	-.644
40	1107	-.303	.071	-.100	-.717
40	1108	-.316	.077	-.135	-.809
40	1109	-.318	.075	-.123	-.830
40	1110	-.322	.073	-.143	-.734
40	1111	-.314	.091	-.109	-.840
40	1112	-.314	.078	-.155	-.659
40	1113	-.322	.083	-.138	-1.010
40	1114	-.297	.079	-.125	-.807
40	1115	-.297	.072	-.111	-.691
40	1116	-.308	.074	-.140	-.753
40	1117	-.298	.076	-.110	-.746
40	1118	-.307	.073	-.133	-.691
40	1119	-.289	.069	-.104	-.766
40	1120	-.274	.061	-.130	-.749
40	1121	-.312	.062	-.167	-.826
40	1122	-.303	.079	-.086	-.921
40	1123	-.305	.080	-.081	-.823
40	1124	-.281	.074	-.057	-.730
40	1125	-.268	.061	-.123	-.750
40	1126	-.275	.062	-.124	-.768
40	1127	-.279	.063	-.105	-.626
40	1128	-.312	.068	-.102	-.601
40	1129	-.309	.060	.155	-.531
40	1130	-.270	.070	-.061	-.827
40	1131	-.275	.073	-.060	-.718
40	1132	-.262	.075	-.071	-.673
40	1133	-.293	.082	-.056	-.768
40	1134	-.295	.087	-.113	-1.099
40	1135	-.289	.085	-.107	-.886
40	1136	-.307	.069	-.092	-.682
40	1137	-.269	.065	-.112	-.625
40	1138	-.285	.084	-.110	-1.015
40	1139	-.277	.091	-.064	-1.168
40	1140	-.311	.088	-.092	-1.154
40	1141	-.302	.102	-.068	-.840
40	1142	-.304	.101	-.082	-.863

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1143	-.281	.076	-.098	-.808
40	1144	-.238	.062	-.040	-.610
40	1145	-.208	.062	.012	-.496
40	1146	-.239	.062	-.024	-.565
40	1147	-.250	.057	-.082	-.712
40	1148	-.240	.056	-.088	-.537
40	1149	-.188	.050	-.037	-.492
40	1150	-.188	.046	-.058	-.427
40	1151	-.193	.045	-.062	-.414
40	1152	-.177	.049	-.025	-.420
40	1153	-.173	.040	-.012	-.341
40	1154	-.228	.073	-.001	-.779
40	1155	-.266	.082	-.080	-.815
40	1156	-.282	.085	-.094	-.805
40	1157	-.143	.040	-.030	-.385
40	1158	-.147	.037	-.024	-.306
40	1159	-.157	.038	-.039	-.402
40	1160	-.116	.032	-.007	-.342
40	1161	-.134	.034	-.032	-.326
40	1162	-.146	.043	-.019	-.474
40	1163	-.117	.036	.007	-.287
40	1164	-.110	.039	.061	-.231
40	1165	-.158	.060	.093	-.401
40	1166	-.239	.064	-.035	-.604
40	1167	-.230	.061	.017	-.583
40	1168	-.127	.033	.008	-.299
40	1169	-.137	.032	-.004	-.260
40	1170	-.137	.046	.016	-.392
40	1171	-.102	.032	.099	-.220
40	1172	-.108	.030	.017	-.220
40	1201	-.564	.179	-.131	-1.740
40	1202	-.557	.164	-.122	-1.518
40	1203	-.461	.194	.018	-1.521
40	1204	-.354	.177	.004	-1.215
40	1205	-.320	.113	-.066	-.842
40	1206	-.333	.114	-.064	-1.087
40	1207	-.529	.153	-.055	-1.436
40	1208	-.543	.174	-.076	-1.317
40	1209	-.458	.173	-.015	-1.169
40	1210	-.318	.148	.033	-1.218
40	1211	-.306	.113	-.063	-.954
40	1212	-.317	.103	-.067	-.916
40	1213	-.524	.184	-.071	-1.955
40	1214	-.544	.182	-.071	-1.666
40	1215	-.464	.171	.075	-1.232
40	1216	-.295	.113	-.017	-.896
40	1217	-.261	.077	.031	-.670
40	1218	-.282	.075	-.026	-.760
40	1219	-.558	.204	-.039	-1.620
40	1220	-.552	.205	.005	-2.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1221	-.236	.067	-.025	-.552
40	1222	-.270	.070	-.017	-.791
40	1223	-.585	.219	-.066	-1.912
40	1224	-.590	.222	-.056	-2.047
40	1225	-.452	.174	.077	-1.384
40	1226	-.279	.097	.048	-.745
40	1227	-.249	.070	.095	-.650
40	1228	-.283	.067	-.036	-.647
40	1229	-.617	.239	-.111	-1.864
40	1230	-.591	.236	.013	-2.056
40	1231	-.418	.185	.031	-1.311
40	1232	-.286	.125	.082	-1.225
40	1233	-.253	.079	-.029	-.942
40	1234	-.260	.064	-.095	-.678
40	1235	-.574	.212	-.096	-1.847
40	1236	-.593	.223	-.117	-1.951
40	1237	-.386	.177	.092	-1.273
40	1238	-.257	.100	.171	-.911
40	1239	-.213	.071	.145	-.729
40	1240	-.250	.064	-.067	-.617
40	1241	-.574	.255	.023	-1.953
40	1242	-.542	.273	.068	-2.481
40	1243	-.261	.149	.168	-.981
40	1244	-.183	.076	.137	-.544
40	1245	-.196	.066	.059	-.532
40	1246	-.250	.063	-.035	-.575
40	1247	-.403	.217	.203	-1.809
40	1248	-.350	.226	.253	-1.748
40	1249	-.189	.091	.140	-.744
40	1250	-.179	.059	.114	-.416
40	1251	-.196	.061	.023	-.476
40	1252	-.250	.069	.013	-.567
40	1253	-.298	.136	.686	-1.308
40	1254	-.280	.138	.162	-1.265
40	1255	-.305	.137	.305	-1.328
40	1256	-.305	.132	.152	-1.564
40	1257	-.278	.114	.016	-1.212
40	1258	-.183	.047	.019	-.479
40	1259	-.179	.039	-.047	-.428
40	1260	-.180	.038	-.062	-.382
40	1261	-.173	.042	-.065	-.384
40	1262	-.255	.129	.276	-.965
40	1263	-.222	.116	.120	-.945
40	1264	-.214	.084	-.008	-.954
40	1265	-.211	.071	.064	-.701
40	1266	-.189	.068	-.016	-.527
40	1267	-.155	.052	.019	-.445
40	1268	-.173	.036	-.030	-.353
40	1269	-.149	.029	-.038	-.287
40	1270	-.147	.028	-.049	-.253

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1271	-.146	.030	-.050	-.273
40	1272	-.207	.092	.140	-.784
40	1273	-.161	.083	.090	-.584
40	1274	-.108	.057	.193	-.349
40	1275	-.138	.034	.001	-.273
40	1276	-.125	.031	-.013	-.237
40	1277	-.114	.028	-.012	-.231
40	1278	-.111	.028	-.004	-.243
40	1279	-.164	.036	-.058	-.334
40	1280	-.107	.039	.051	-.253
40	1281	-.093	.031	.012	-.202
40	1301	.257	.252	1.050	-.982
40	1302	.212	.242	1.043	-.556
40	1303	.113	.221	.822	-.616
40	1304	.291	.250	1.085	-.511
40	1305	.303	.241	1.307	-.386
40	1306	.190	.230	.905	-.450
40	1307	.063	.205	.741	-.545
40	1308	.197	.200	1.060	-.532
40	1309	.249	.199	.951	-1.007
40	1310	.170	.206	1.048	-.343
40	1311	.044	.204	.791	-.595
40	1312	.162	.204	.812	-.346
40	1313	.001	.190	.644	-.564
40	1314	.142	.154	.869	-.654
40	1315	.184	.162	.860	-.677
40	1316	.157	.180	.970	-.315
40	1317	-.013	.177	.951	-.942
40	1318	.172	.165	.929	-.262
40	1319	.036	.192	.750	-.477
40	1320	.096	.121	.703	-.621
40	1321	.139	.127	.707	-.665
40	1322	.159	.157	.911	-.365
40	1323	-.068	.193	.566	-.897
40	1324	.029	.104	.488	-.440
40	1325	.063	.106	.687	-.438
40	1326	.078	.115	.611	-.238
40	1327	.011	.150	.744	-.384
40	1328	-.068	.168	.777	-.585
40	1329	.002	.089	.445	-.400
40	1330	.005	.076	.415	-.436
40	1331	-.011	.065	.278	-.229
40	1332	-.040	.096	.476	-.403
40	1333	-.081	.123	.510	-.521
40	1334	.022	.079	.319	-.602
40	1335	.035	.075	.312	-.378
40	1336	.030	.066	.379	-.194
40	1337	-.008	.076	.474	-.278
40	1338	-.066	.088	.540	-.504
40	1339	.007	.072	.342	-.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1340	.005	.066	.329	-.312
40	1341	-.002	.052	.260	-.207
40	1342	-.025	.066	.385	-.355
40	1343	-.053	.085	.422	-.386
40	1344	-.089	.095	.358	-.598
40	1345	-.097	.098	.262	-.674
40	1346	-.115	.100	.184	-.912
40	1347	-.087	.076	.160	-.452
40	1348	-.109	.089	.209	-.516
40	1349	-.028	.049	.289	-.229
40	1350	-.029	.045	.273	-.209
40	1351	-.026	.041	.168	-.398
40	1353	-.073	.043	.099	-.274
40	1354	-.013	.042	.193	-.186
40	1355	-.012	.041	.178	-.155
40	1356	-.005	.037	.177	-.126
40	1357	-.028	.043	.194	-.257
40	1358	-.047	.040	.131	-.268
40	1359	-.002	.042	.233	-.203
40	1360	.004	.038	.256	-.121
40	1361	.011	.041	.198	-.129
40	1362	.013	.047	.252	-.265
40	1401	-.305	.081	-.056	-.662
40	1402	-.225	.088	.217	-.559
40	1403	-.042	.118	.272	-.808
40	1404	-.156	.229	.473	-1.192
40	1405	-.204	.217	.704	-1.414
40	1406	-.277	.076	.205	-.640
40	1407	-.180	.084	.366	-.490
40	1408	.089	.173	.662	-.747
40	1409	-.021	.258	.668	-.998
40	1410	-.043	.246	.798	-.892
40	1411	-.307	.079	-.052	-.708
40	1412	-.233	.086	.184	-.599
40	1413	.086	.152	.582	-.650
40	1414	-.007	.234	.345	-1.263
40	1415	-.031	.229	1.002	-1.229
40	1416	-.295	.078	.021	-.671
40	1417	-.228	.087	.432	-.611
40	1418	.041	.137	.538	-.657
40	1419	-.002	.193	.706	-.973
40	1420	-.051	.192	.794	-1.151
40	1421	-.301	.073	-.099	-.722
40	1422	.216	.070	.168	-.500
40	1423	.009	.106	.393	-.700
40	1424	-.014	.153	.477	-1.233
40	1425	-.059	.152	.494	-1.103
40	1426	-.288	.074	-.106	-.933
40	1427	-.222	.063	.101	-.671
40	1428	.008	.079	.355	-.379

CONFIGURATION A: U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1429	-.002	.114	.403	-1.228
40	1430	-.021	.114	.386	-.967
40	1431	-.206	.053	-.014	-.513
40	1432	-.081	.051	.172	-.387
40	1433	.018	.067	.356	-.598
40	1434	.009	.075	.332	-.761
40	1435	.056	.085	.567	-.183
40	1436	.031	.063	.513	-.193
40	1437	.021	.066	.297	-.472
40	1438	.002	.073	.252	-.799
40	1439	-.014	.072	.260	-.495
40	1440	-.254	.066	-.087	-.620
40	1441	-.169	.044	-.034	-.435
40	1442	.012	.052	.247	-.406
40	1443	-.013	.052	.168	-.439
40	1444	-.033	.057	.182	-.514
40	1445	-.201	.048	-.029	-.607
40	1446	-.105	.046	.147	-.279
40	1447	.063	.072	.490	-.160
40	1448	.017	.045	.220	-.126
40	1449	-.004	.041	.165	-.158
40	1450	-.217	.072	.145	-.513
40	1451	-.243	.090	.213	-.648
40	1452	-.231	.051	-.071	-.437
40	1453	-.167	.042	-.008	-.351
40	1454	.169	.102	.810	-.034
40	1455	.029	.049	.236	-.108
40	1456	.015	.042	.218	-.103
40	1901	-.112	.047	.079	-.321
40	1902	-.141	.039	.166	-.287
40	1903	.124	.099	.675	-.078
40	1904	.049	.057	.429	-.109
40	1905	-.192	.161	.385	-.789
40	1906	-.487	.157	.100	-1.330
40	2101	-.243	.070	-.048	-.621
40	2102	-.250	.071	-.052	-.644
40	2103	-.296	.078	-.065	-.788
40	2104	-.258	.104	.110	-.766
40	2105	-.262	.104	.031	-.828
40	2106	-.250	.066	-.006	-.654
40	2107	-.261	.063	-.121	-.625
40	2108	-.235	.052	-.100	-.473
40	2109	-.265	.104	.046	-.778
40	2110	-.295	.138	.068	-.881
40	2111	-.293	.107	-.048	-1.268
40	2112	-.262	.091	-.049	-.860
40	2113	-.228	.048	-.063	-.423
40	2114	-.258	.079	-.006	-.661
40	2115	-.275	.070	-.117	-.644
40	2116	-.111	.046	.052	-.311

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	2117	-.126	.046	.053	-.391
40	2118	-.193	.054	-.035	-.549
40	2119	-.265	.052	-.133	-.488
40	2120	-.255	.082	-.066	-.744
40	2121	-.273	.096	-.054	-.830
40	2201	-.293	.153	.116	-1.356
40	2202	-.301	.167	.177	-1.249
40	2203	-.608	.287	-.001	-2.572
40	2204	-.349	.240	.197	-2.280
40	2205	-.343	.201	.164	-1.539
40	2206	-.480	.267	.226	-1.986
40	2207	.243	.197	1.027	-.422
40	2208	-.292	.134	.122	-1.100
40	2209	-.417	.161	-.065	-1.651
40	2210	-.236	.084	.081	-.978
40	2211	-.282	.093	-.041	-1.163
40	2212	-.267	.081	-.089	-.842
40	2301	.138	.210	.905	-.693
40	2302	.247	.228	1.024	-.566
40	2303	.174	.206	.983	-.492
40	2304	.195	.202	.916	-.877
40	2305	.201	.239	.975	-.640
40	2306	.143	.207	.867	-.517
40	2307	.028	.171	.756	-.507
40	2308	-.065	.160	.541	-.657
40	2309	.076	.170	.833	-.671
40	2310	.220	.160	1.021	-.209
40	2311	.192	.157	1.044	-.452
40	2312	.182	.151	.964	-.296
40	2313	.125	.141	.949	-.379
40	2314	-.030	.127	.667	-.637
40	2315	-.114	.087	.304	-.596
40	2316	-.015	.081	.411	-.272
40	2317	.136	.090	.717	-.085
40	2318	.113	.079	.623	-.086
40	2319	.079	.072	.541	-.142
40	2320	.023	.070	.444	-.221
40	2321	-.038	.067	.386	-.317
40	2322	-.131	.043	-.010	-.378
40	2323	-.099	.039	.046	-.256
40	2324	.160	.104	.654	-.068
40	2325	.137	.091	.575	-.077
40	2326	.060	.067	.403	-.136
40	2327	.069	.050	.252	-.155
40	2401	-.602	.174	-.189	-1.503
40	2402	-.606	.185	-.089	-1.526
40	2403	-.246	.074	.166	-.667
40	2404	-.228	.063	-.015	-.549
40	2405	-.568	.198	-.164	-1.640
40	2406	-.556	.209	-.034	-1.602

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	2407	-.240	.070	.057	-.697
40	2408	-.221	.059	-.054	-.694
40	2409	-.385	.133	-.060	-1.206
40	2410	-.342	.125	-.035	-1.016
40	2411	-.199	.048	-.032	-.452
40	2412	-.203	.050	-.018	-.464
40	2413	-.182	.079	.160	-.559
40	2414	-.158	.088	.221	-.524
40	2415	-.122	.039	.035	-.276
40	2416	-.115	.040	.028	-.263
50	1101	-.288	.075	-.086	-.780
50	1102	-.289	.077	-.047	-.607
50	1103	-.282	.072	-.049	-.643
50	1104	-.332	.074	-.103	-.694
50	1105	-.283	.065	-.083	-.582
50	1106	-.282	.066	-.084	-.568
50	1107	-.278	.062	-.093	-.641
50	1108	-.294	.065	-.131	-.665
50	1109	-.295	.063	-.126	-.598
50	1110	-.302	.062	-.122	-.591
50	1111	-.302	.072	-.121	-.786
50	1112	-.301	.065	-.145	-.669
50	1113	-.307	.070	-.126	-.747
50	1114	-.280	.066	-.074	-.704
50	1115	-.270	.061	-.063	-.583
50	1116	-.305	.065	-.145	-1.000
50	1117	-.282	.061	-.147	-.913
50	1118	-.283	.060	-.148	-.658
50	1119	-.291	.065	-.136	-.797
50	1120	-.267	.055	-.070	-.568
50	1121	-.305	.057	-.088	-.697
50	1122	-.281	.067	-.109	-.765
50	1123	-.282	.063	-.093	-.673
50	1124	-.258	.059	-.091	-.585
50	1125	-.285	.063	-.048	-.611
50	1126	-.288	.063	-.034	-.590
50	1127	-.285	.059	-.094	-.578
50	1128	-.305	.057	-.143	-.645
50	1129	-.308	.057	-.170	-.625
50	1130	-.273	.070	-.111	-.898
50	1131	-.271	.063	-.081	-.715
50	1132	-.258	.062	-.059	-.676
50	1133	-.303	.077	-.122	-1.012
50	1134	-.305	.073	-.138	-.864
50	1135	-.288	.065	-.088	-.648
50	1136	-.310	.056	-.124	-.630
50	1137	-.273	.054	-.104	-.561
50	1138	-.297	.080	-.102	-.924
50	1139	-.288	.080	-.108	-.843
50	1140	-.325	.078	-.126	-.842

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1141	-.280	.083	-.075	-.775
50	1142	-.279	.079	-.099	-.870
50	1143	-.261	.054	-.084	-.622
50	1144	-.203	.055	.030	-.443
50	1145	-.205	.069	.061	-.533
50	1146	-.242	.060	.010	-.534
50	1147	-.262	.051	-.110	-.488
50	1148	-.253	.051	-.089	-.476
50	1149	-.169	.038	-.026	-.444
50	1150	-.173	.039	-.042	-.373
50	1151	-.193	.050	-.030	-.455
50	1152	-.154	.036	.008	-.302
50	1153	-.164	.040	.045	-.334
50	1154	-.197	.059	.053	-.471
50	1155	-.254	.067	-.027	-.631
50	1156	-.267	.070	.092	-.633
50	1157	-.139	.032	.025	-.287
50	1158	-.147	.031	.040	-.288
50	1159	-.160	.034	.065	-.325
50	1160	-.122	.027	.012	-.221
50	1161	-.131	.031	.007	-.237
50	1162	-.160	.041	.017	-.400
50	1163	-.121	.035	.084	-.263
50	1164	-.115	.034	.119	-.233
50	1165	-.139	.052	.069	-.317
50	1166	-.199	.049	.040	-.472
50	1167	-.191	.046	.033	-.419
50	1168	-.127	.028	.010	-.225
50	1169	-.140	.028	.009	-.257
50	1170	-.120	.044	.029	-.233
50	1171	-.101	.028	.045	-.206
50	1172	-.110	.026	.014	-.192
50	1201	-.425	.113	-.140	-1.173
50	1202	-.434	.116	-.136	-1.115
50	1203	-.457	.163	-.037	-1.279
50	1204	-.386	.162	-.105	-1.231
50	1205	-.318	.106	-.029	-.933
50	1206	-.332	.117	-.051	-.904
50	1207	-.431	.115	-.104	-1.199
50	1208	-.438	.122	-.090	-1.314
50	1209	-.445	.144	-.005	-1.332
50	1210	-.378	.145	-.007	-1.179
50	1211	-.318	.104	-.028	-.927
50	1212	-.325	.105	-.056	-1.037
50	1213	-.412	.120	-.047	-1.195
50	1214	-.437	.134	-.036	-1.333
50	1215	-.445	.138	-.050	-1.330
50	1216	-.347	.109	-.022	-.803
50	1217	-.293	.093	-.001	-.809
50	1218	-.301	.093	-.066	-.912
50	1219	-.433	.142	-.089	-.993
50	1220	-.279	.076	-.025	-.344
50	1221	-.265	.081	-.004	-.764
50	1222	-.276	.165	-.019	-.985
50	1223	-.459	.167	-.090	-1.767
50	1224	-.471	.146	-.066	-1.359
50	1225	-.447	.100	-.021	-1.125
50	1226	-.331	.079	-.037	-.885
50	1227	-.279	.088	-.030	-.713
50	1228	-.282	.071	-.056	-1.188
50	1229	-.475	.161	-.040	-1.186
50	1230	-.469	.156	-.058	-1.452
50	1231	-.420	.139	-.121	-1.244
50	1232	-.367	.099	-.019	-.986
50	1233	-.304	.081	-.097	-.895
50	1234	-.297	.148	-.105	-1.450
50	1235	-.442	.156	-.066	-1.451
50	1236	-.458	.155	-.017	-1.266
50	1237	-.422	.085	-.025	-.997
50	1238	-.324	.080	-.007	-.996
50	1239	-.262	.075	-.054	-.995
50	1240	-.274	.156	-.104	-1.612
50	1241	-.448	.164	-.019	-1.391
50	1242	-.469	.155	-.043	-1.108
50	1243	-.363	.086	.104	-.717
50	1244	-.236	.059	.018	-.577
50	1245	-.221	.055	-.087	-.561
50	1246	-.260	.171	-.128	-1.183
50	1247	-.427	.187	-.111	-1.695
50	1248	-.455	.114	-.153	-.821
50	1249	-.232	.047	-.011	-.441
50	1250	-.192	.042	-.068	-.442
50	1251	-.203	.054	-.069	-.486
50	1252	-.238	.100	-.151	-1.068
50	1253	-.353	.121	-.007	-.458
50	1254	-.315	.116	-.144	-1.911
50	1255	-.324	.118	-.075	-.942
50	1256	-.334	.109	-.012	-.600
50	1257	-.318	.048	.077	-.428
50	1258	-.179	.033	.033	-.374
50	1259	-.173	.033	.059	-.350
50	1260	-.164	.033	.058	-.314
50	1261	-.316	.101	-.001	-.881
50	1262	-.296	.110	-.002	-.883
50	1263	-.259	.091	-.047	-.753
50	1264	-.240	.065	-.020	-.694
50	1265	-.224	.064	-.001	-.595
50	1266	-.177	.057	-.003	-.660
50	1267	-.168	.051	-.059	-.297
50	1268	-.160	.050	-.064	-.232
50	1269	-.160	.026	-.075	-.293
50	1270	-.145	.027	-.038	-.267
50	1271	-.138	.029	-.034	-.252
50	1272	-.232	.076	-.026	-.629
50	1273	-.187	.066	-.026	-.441
50	1274	-.120	.048	-.078	-.324
50	1275	-.150	.030	-.034	-.269
50	1276	-.140	.028	-.037	-.231
50	1277	-.127	.025	-.032	-.235
50	1278	-.121	.025	-.038	-.212
50	1279	-.172	.030	-.064	-.327
50	1280	-.122	.034	-.008	-.270
50	1281	-.106	.028	-.011	-.207
50	1301	-.233	.256	.158	-.880
50	1302	-.138	.217	.823	-.616
50	1303	-.034	.193	.680	-.680
50	1304	-.297	.254	.126	-.760
50	1305	-.309	.246	.161	-1.067
50	1306	-.134	.202	.891	-.525
50	1307	-.003	.170	.602	-.665
50	1308	-.246	.247	.242	-.835
50	1309	-.218	.223	.045	-.765
50	1310	-.083	.174	.725	-.594
50	1311	-.030	.152	.692	-.512
50	1312	-.075	.158	.715	-.361
50	1313	-.078	.133	.484	-.502
50	1314	-.131	.187	.979	-.606
50	1315	-.151	.185	.938	-.595
50	1316	-.073	.150	.863	-.265
50	1317	-.098	.128	.487	-.479
50	1318	-.059	.119	.611	-.224
50	1319	-.091	.128	.482	-.519
50	1320	-.077	.154	.788	-.808
50	1321	-.093	.142	.711	-.685
50	1322	-.058	.115	.679	-.282
50	1323	-.182	.122	.475	-.655
50	1324	-.013	.130	.667	-.572
50	1325	-.020	.114	.480	-.912
50	1326	-.001	.081	.417	-.301
50	1327	-.106	.086	.291	-.462
50	1328	-.176	.099	.306	-.627
50	1329	-.020	.094	.455	-.462
50	1330	-.022	.081	.327	-.429
50	1331	-.042	.058	.332	-.370
50	1332	-.108	.060	.262	-.385
50	1333	-.181	.079	.349	-.544
50	1334	-.018	.085	.368	-.635
50	1335	-.003	.078	.351	-.611
50	1336	-.008	.054	.247	-.271
50	1337	-.064	.050	.202	-.232

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1338	-.132	.053	.161	-.403
50	1339	-.025	.067	.277	-.380
50	1340	-.025	.062	.269	-.416
50	1341	-.024	.042	.159	-.268
50	1342	-.070	.046	.257	-.293
50	1343	-.118	.054	.318	-.346
50	1344	-.089	.087	.239	-.687
50	1345	-.086	.086	.148	-.728
50	1346	-.095	.084	.113	-.663
50	1347	-.098	.061	.077	-.587
50	1348	-.138	.073	.102	-.542
50	1349	-.048	.048	.134	-.258
50	1350	-.052	.046	.119	-.289
50	1351	-.042	.035	.125	-.220
50	1353	-.086	.034	.028	-.231
50	1354	-.039	.036	.195	-.180
50	1355	-.038	.036	.226	-.140
50	1356	-.030	.034	.170	-.137
50	1357	-.048	.032	.101	-.214
50	1358	-.071	.032	.083	-.172
50	1359	-.031	.038	.108	-.178
50	1360	-.024	.034	.145	-.131
50	1361	-.016	.034	.144	-.116
50	1362	-.015	.038	.195	-.133
50	1401	-.285	.073	.005	-.585
50	1402	-.223	.084	.175	-.630
50	1403	-.026	.082	.286	-.317
50	1404	-.017	.193	.494	-.855
50	1405	-.112	.264	.849	-1.331
50	1406	-.270	.067	-.035	-.561
50	1407	-.193	.072	.155	-.474
50	1408	.107	.131	.900	-.520
50	1409	.069	.224	.899	-1.256
50	1410	.021	.259	1.104	-1.252
50	1411	-.288	.068	.002	-.637
50	1412	-.245	.070	.094	-.572
50	1413	.071	.108	.629	-.299
50	1414	.061	.193	.887	-1.062
50	1415	.019	.219	.976	-1.032
50	1416	-.278	.064	-.104	-.642
50	1417	-.243	.065	.009	-.546
50	1418	.038	.091	.458	-.535
50	1419	.053	.145	.614	-.923
50	1420	-.010	.172	.638	-.945
50	1421	-.304	.062	-.137	-.646
50	1422	-.231	.057	-.008	-.572
50	1423	.009	.074	.334	-.359
50	1424	.032	.107	.383	-.586
50	1425	-.022	.123	.390	-.732
50	1426	-.293	.064	-.136	-.788

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1427	-.230	.053	-.055	-.506
50	1428	-.007	.063	.371	-.208
50	1429	.015	.071	.333	-.355
50	1430	-.008	.079	.301	-.429
50	1431	-.207	.044	-.029	-.463
50	1432	-.089	.048	.183	-.317
50	1433	.019	.058	.261	-.318
50	1434	-.002	.061	.408	-.271
50	1435	.015	.070	.404	-.200
50	1436	.001	.054	.303	-.187
50	1437	.003	.050	.281	-.206
50	1438	-.013	.054	.260	-.315
50	1439	-.015	.059	.293	-.349
50	1440	-.246	.056	-.088	-.570
50	1441	-.171	.038	-.027	-.340
50	1442	-.014	.040	.234	-.188
50	1443	-.028	.042	.167	-.298
50	1444	-.042	.048	.134	-.317
50	1445	-.194	.040	-.045	-.365
50	1446	-.112	.039	.099	-.245
50	1447	.033	.063	.459	-.150
50	1448	-.010	.039	.224	-.119
50	1449	-.032	.037	.169	-.146
50	1450	-.205	.063	.177	-.396
50	1451	-.218	.082	.230	-.593
50	1452	-.219	.045	-.087	-.501
50	1453	-.167	.038	-.032	-.333
50	1454	.103	.096	.662	-.107
50	1455	.001	.044	.308	-.111
50	1456	-.007	.037	.234	-.111
50	1901	-.125	.040	.059	-.273
50	1902	-.137	.034	.000	-.250
50	1903	.064	.073	.395	-.086
50	1904	.017	.045	.234	-.096
50	1905	-.242	.146	.251	-.891
50	1906	-.465	.143	.057	-1.085
50	2101	-.244	.059	-.080	-.571
50	2102	-.249	.059	-.079	-.593
50	2103	-.276	.058	-.114	-.903
50	2104	-.241	.064	-.016	-.648
50	2105	-.256	.073	-.010	-.885
50	2106	-.259	.060	-.077	-.574
50	2107	-.272	.056	-.124	-.586
50	2108	-.241	.041	-.110	-.401
50	2109	-.240	.058	-.012	-.581
50	2110	-.251	.073	.024	-.726
50	2111	-.258	.098	-.043	-1.142
50	2112	-.220	.077	-.023	-.741
50	2113	-.254	.049	-.109	-.556
50	2114	-.269	.058	-.087	-.797

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	2115	-.279	.051	-.133	-.669
50	2116	-.095	.037	.072	-.227
50	2117	-.102	.035	.036	-.228
50	2118	-.179	.052	-.023	-.410
50	2119	-.298	.054	-.171	-.515
50	2120	-.290	.080	-.067	-.728
50	2121	-.325	.098	-.076	-.787
50	2201	-.242	.083	.035	-1.578
50	2202	-.198	.116	.087	-1.293
50	2203	-.541	.310	.646	-2.523
50	2204	-.251	.123	.163	-1.537
50	2205	-.220	.136	.156	-1.352
50	2206	-.365	.266	.526	-1.943
50	2207	.242	.211	1.267	-1.105
50	2208	-.206	.079	.088	-.779
50	2209	-.299	.164	.368	-1.638
50	2210	-.242	.059	.010	-.614
50	2211	-.207	.084	.204	-.546
50	2212	-.202	.073	.131	-.754
50	2301	.095	.234	.916	-.803
50	2302	.151	.233	.993	-.799
50	2303	.105	.206	.838	-.448
50	2304	.132	.198	.816	-.462
50	2305	.130	.237	.909	-.989
50	2306	.100	.196	.878	-.402
50	2307	-.004	.159	.643	-.432
50	2308	-.052	.153	.763	-.576
50	2309	.026	.131	.696	-.614
50	2310	.127	.119	.739	-.273
50	2311	.103	.116	.655	-.235
50	2312	.098	.115	.649	-.454
50	2313	.075	.126	.749	-.484
50	2314	-.048	.111	.535	-.652
50	2315	-.066	.091	.384	-.513
50	2316	-.008	.065	.357	-.243
50	2317	.079	.073	.553	-.137
50	2318	.064	.065	.490	-.119
50	2319	.030	.060	.397	-.136
50	2320	-.019	.057	.339	-.200
50	2321	-.064	.054	.240	-.262
50	2322	-.072	.054	.174	-.385
50	2323	-.048	.046	.202	-.201
50	2324	.096	.085	.491	-.097
50	2325	.079	.076	.415	-.096
50	2326	.027	.060	.333	-.126
50	2327	-.017	.046	.187	-.138
50	2401	-.553	.162	-.189	-1.511
50	2402	-.547	.169	-.111	-1.437
50	2403	-.245	.071	.096	-.589
50	2404	-.228	.055	-.034	-.499

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	2405	-.575	.196	-.102	-1.614
50	2406	-.542	.196	-.070	-1.722
50	2407	-.251	.064	.081	-.525
50	2408	-.229	.052	.005	-.481
50	2409	-.365	.112	-.058	-1.130
50	2410	-.328	.109	.014	-.859
50	2411	-.194	.047	-.032	-.392
50	2412	-.201	.053	.031	-.419
50	2413	-.186	.074	.234	-.537
50	2414	-.159	.073	.181	-.385
50	2415	-.106	.034	.043	-.223
50	2416	-.101	.035	.052	-.234
60	1101	-.285	.083	-.005	-.840
60	1102	-.290	.084	-.019	-.940
60	1103	-.286	.077	.013	-.661
60	1104	-.336	.078	-.066	-.719
60	1105	-.277	.064	-.068	-.636
60	1106	-.278	.063	-.090	-.734
60	1107	-.268	.060	-.094	-.535
60	1108	-.271	.053	-.081	-.715
60	1109	-.274	.054	-.109	-.661
60	1110	-.281	.054	-.110	-.676
60	1111	-.285	.049	-.164	-.513
60	1112	-.288	.049	-.162	-.538
60	1113	-.295	.055	-.148	-.632
60	1114	-.272	.053	-.120	-.748
60	1115	-.268	.049	-.114	-.468
60	1116	-.313	.053	-.173	-.707
60	1117	-.287	.051	-.151	-.605
60	1118	-.283	.048	-.150	-.609
60	1119	-.311	.055	-.157	-.728
60	1120	-.293	.051	-.141	-.585
60	1121	-.333	.051	-.193	-.651
60	1122	-.296	.056	-.119	-.731
60	1123	-.301	.056	-.131	-1.038
60	1124	-.277	.052	-.123	-.941
60	1125	-.313	.056	-.150	-.628
60	1126	-.310	.054	-.159	-.659
60	1127	-.303	.051	-.165	-.525
60	1128	-.344	.067	-.159	-.877
60	1129	-.357	.061	-.188	-.766
60	1130	-.316	.065	-.089	-.799
60	1131	-.313	.066	-.142	-.851
60	1132	-.301	.065	-.125	-.790
60	1133	-.329	.070	-.149	-.720
60	1134	-.325	.062	-.126	-.882
60	1135	-.312	.058	-.161	-.603
60	1136	-.373	.077	-.115	-.799
60	1137	-.336	.074	-.123	-.791
60	1138	-.353	.089	-.165	-1.187

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1139	-.343	.091	-.177	-1.123
60	1140	-.384	.090	-.201	-1.089
60	1141	-.305	.082	-.062	-.893
60	1142	-.306	.070	-.078	-.723
60	1143	-.307	.065	-.062	-.617
60	1144	-.254	.072	.061	-.548
60	1145	-.250	.086	.087	-.822
60	1146	-.309	.078	-.040	-.778
60	1147	-.348	.077	-.123	-.750
60	1148	-.336	.077	-.112	-.742
60	1149	-.215	.051	-.018	-.509
60	1150	-.216	.051	-.059	-.436
60	1151	-.247	.071	-.066	-.636
60	1152	-.182	.058	.129	-.437
60	1153	-.191	.052	.066	-.395
60	1154	-.271	.094	.018	-.675
60	1155	-.334	.101	-.066	-1.081
60	1156	-.338	.105	-.082	-.971
60	1157	-.155	.043	-.002	-.329
60	1158	-.170	.046	-.009	-.420
60	1159	-.208	.059	-.012	-.681
60	1160	-.141	.036	.006	-.333
60	1161	-.147	.044	.024	-.333
60	1162	-.180	.066	.001	-.509
60	1163	-.094	.078	.423	-.324
60	1164	-.115	.040	.088	-.275
60	1165	-.196	.083	.137	-.587
60	1166	-.266	.073	-.070	-.579
60	1167	-.251	.066	-.058	-.559
60	1168	-.145	.034	-.010	-.277
60	1169	-.175	.040	-.065	-.361
60	1170	-.080	.053	.100	-.336
60	1171	-.070	.042	.119	-.195
60	1172	-.098	.038	.048	-.230
60	1201	-.339	.094	-.106	-.789
60	1202	-.351	.097	-.081	-.879
60	1203	-.384	.138	-.015	-1.503
60	1204	-.347	.128	.014	-1.185
60	1205	-.291	.091	.008	-.872
60	1206	-.327	.110	.037	-1.026
60	1207	-.329	.089	-.085	-.796
60	1208	-.336	.095	-.066	-.879
60	1209	-.304	.100	-.069	-1.090
60	1210	-.338	.101	-.022	-.911
60	1211	-.311	.090	.004	-.790
60	1212	-.324	.103	-.060	-.978
60	1213	-.327	.082	-.065	-.813
60	1214	-.333	.092	-.026	-1.357
60	1215	-.361	.102	-.076	-1.043
60	1216	-.339	.084	.001	-.743

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1217	-.312	.075	-.100	-.790
60	1218	-.320	.085	-.108	-.809
60	1219	-.349	.096	-.059	-1.058
60	1220	-.327	.090	-.044	-.966
60	1221	-.294	.063	-.091	-.636
60	1222	-.316	.078	-.132	-.748
60	1223	-.352	.103	-.090	-.970
60	1224	-.357	.108	-.088	-1.470
60	1225	-.364	.102	-.076	-1.092
60	1226	-.338	.079	-.076	-.822
60	1227	-.302	.066	-.099	-.739
60	1228	-.327	.076	-.113	-.712
60	1229	-.374	.097	-.135	-1.016
60	1230	-.382	.104	-.089	-1.177
60	1231	-.364	.095	-.060	-1.143
60	1232	-.372	.094	-.096	-.881
60	1233	-.345	.081	-.066	-.754
60	1234	-.345	.081	-.084	-.735
60	1235	-.391	.102	-.166	-1.372
60	1236	-.398	.105	-.159	-1.227
60	1237	-.392	.107	-.020	-.980
60	1238	-.371	.093	-.068	-.817
60	1239	-.308	.065	-.087	-.702
60	1240	-.326	.072	-.098	-.807
60	1241	-.397	.100	-.101	-.925
60	1242	-.424	.107	-.173	-1.205
60	1243	-.406	.102	-.119	-1.105
60	1244	-.332	.070	-.062	-.682
60	1245	-.276	.043	-.066	-.558
60	1246	-.303	.053	-.112	-.617
60	1247	-.419	.114	-.109	-1.252
60	1248	-.441	.130	-.175	-1.347
60	1249	-.335	.092	.059	-.796
60	1250	-.268	.055	-.089	-.430
60	1251	-.250	.041	-.063	-.428
60	1252	-.286	.054	-.084	-.536
60	1253	-.377	.093	-.078	-.936
60	1254	-.416	.129	-.076	-1.149
60	1255	-.382	.105	-.111	-1.096
60	1256	-.396	.108	-.114	-1.089
60	1257	-.392	.104	-.109	-1.077
60	1258	-.235	.066	.147	-.613
60	1259	-.222	.039	-.027	-.468
60	1260	-.213	.038	-.065	-.399
60	1261	-.195	.043	-.061	-.374
60	1262	-.379	.101	-.097	-1.300
60	1263	-.382	.109	-.085	-1.230
60	1264	-.361	.106	-.008	-.846
60	1265	-.367	.116	-.076	-.907
60	1266	-.359	.114	-.004	-.912

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1267	-.273	.091	.059	-.860
60	1268	-.205	.039	-.028	-.374
60	1269	-.202	.031	-.101	-.350
60	1270	-.173	.034	-.069	-.298
60	1271	-.161	.036	-.029	-.280
60	1272	-.318	.102	-.018	-1.180
60	1273	-.224	.079	.021	-.661
60	1274	-.169	.058	.069	-.414
60	1275	-.189	.035	-.050	-.318
60	1276	-.175	.034	-.035	-.288
60	1277	-.148	.031	-.033	-.266
60	1278	-.136	.031	-.014	-.255
60	1279	-.207	.034	-.092	-.326
60	1280	-.162	.044	.067	-.311
60	1281	-.127	.039	.079	-.245
60	1301	-.022	.316	.971	-1.348
60	1302	-.023	.181	.874	-.876
60	1303	-.096	.160	.706	-.656
60	1304	-.061	.378	1.141	-1.583
60	1305	-.007	.342	.833	-1.843
60	1306	-.041	.163	.783	-.879
60	1307	-.121	.137	.592	-.834
60	1308	-.156	.330	.838	-1.308
60	1309	-.119	.343	.876	-1.410
60	1310	-.052	.158	.688	-.933
60	1311	-.152	.126	.433	-.760
60	1312	-.090	.148	.747	-.998
60	1313	-.180	.112	.413	-.890
60	1314	-.225	.285	.698	-1.344
60	1315	-.205	.311	.695	-1.483
60	1316	-.082	.151	.501	-1.172
60	1317	-.184	.108	.393	-.757
60	1318	-.096	.156	.571	-1.003
60	1319	-.184	.099	.543	-.688
60	1320	-.292	.262	.658	-1.587
60	1321	-.272	.283	.616	-1.736
60	1322	-.107	.157	.464	-1.299
60	1323	-.266	.096	.217	-.781
60	1324	-.288	.190	.265	-1.189
60	1325	-.291	.225	.340	-1.253
60	1326	-.129	.133	.505	-.826
60	1327	-.188	.084	.251	-.708
60	1328	-.244	.085	.136	-.779
60	1329	-.241	.179	.269	-1.563
60	1330	-.234	.188	.230	-1.461
60	1331	-.124	.108	.176	-.832
60	1332	-.168	.074	.141	-.716
60	1333	-.240	.074	.046	-.651
60	1334	-.219	.188	.345	-1.341
60	1335	-.178	.183	.325	-1.258

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1336	-.067	.085	.206	-.551
60	1337	-.132	.065	.150	-.425
60	1338	-.200	.063	.003	-.521
60	1339	-.176	.183	.255	-1.350
60	1340	-.137	.153	.205	-1.144
60	1341	-.059	.067	.153	-.559
60	1342	-.139	.067	.114	-.433
60	1343	-.188	.067	.061	-.491
60	1344	-.236	.175	.232	-1.024
60	1345	-.166	.132	.263	-.904
60	1346	-.101	.081	.089	-.579
60	1347	-.120	.051	.039	-.395
60	1348	-.193	.071	.093	-.568
60	1349	-.115	.064	.074	-.416
60	1350	-.123	.064	.059	-.362
60	1351	-.059	.045	.130	-.355
60	1353	-.118	.044	.062	-.337
60	1354	-.059	.045	.119	-.259
60	1355	-.059	.043	.150	-.273
60	1356	-.043	.040	.133	-.217
60	1357	-.058	.040	.193	-.197
60	1358	-.089	.041	.093	-.241
60	1359	-.060	.052	.181	-.298
60	1360	-.041	.041	.142	-.228
60	1361	-.019	.042	.238	-.128
60	1362	-.015	.050	.256	-.176
60	1401	-.268	.073	-.000	-.623
60	1402	-.175	.094	.230	-.504
60	1403	.034	.128	.490	-.379
60	1404	.117	.200	.955	-.738
60	1405	.113	.246	.903	-1.113
60	1406	-.235	.057	.013	-.593
60	1407	-.131	.077	.306	-.426
60	1408	.258	.207	1.131	-.333
60	1409	.231	.218	1.015	-1.056
60	1410	.168	.224	1.003	-1.127
60	1411	-.278	.055	-.088	-.497
60	1412	-.184	.073	.148	-.429
60	1413	.251	.180	.994	-.209
60	1414	.218	.175	.974	-.599
60	1415	.150	.173	.857	-.634
60	1416	-.282	.057	[illegible]	-.644
60	1417	-.201	.069	.097	-.485
60	1418	.228	.180	1.050	-.155
60	1419	.208	.168	.922	-.497
60	1420	.085	.157	.730	-.786
60	1421	-.339	.065	-.138	-.701
60	1422	-.219	.060	.031	-.471
60	1423	.195	.152	.888	-.202
60	1424	.166	.134	.834	-.281

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1425	.036	.119	.745	-.480
60	1426	-.332	.071	-.153	-.805
60	1427	-.225	.057	.014	-.517
60	1428	.156	.132	.993	-.167
60	1429	.132	.108	.700	-.266
60	1430	.052	.091	.455	-.357
60	1431	-.230	.054	-.065	-.501
60	1432	-.080	.055	.169	-.284
60	1433	.108	.090	.658	-.147
60	1434	.031	.081	.537	-.285
60	1435	.047	.077	.381	-.140
60	1436	.100	.095	.589	-.116
60	1437	.060	.071	.475	-.157
60	1438	.028	.068	.439	-.212
60	1439	.017	.078	.758	-.342
60	1440	-.271	.060	-.111	-.584
60	1441	-.155	.045	.005	-.376
60	1442	.015	.055	.313	-.165
60	1443	-.033	.054	.202	-.234
60	1444	-.072	.068	.167	-.442
60	1445	-.246	.057	-.058	-.511
60	1446	-.120	.047	.099	-.296
60	1447	.117	.091	.565	-.074
60	1448	-.007	.048	.207	-.187
60	1449	-.053	.045	.147	-.254
60	1450	-.248	.071	.032	-.519
60	1451	-.199	.124	.291	-.584
60	1452	-.298	.078	-.108	-.620
60	1453	-.203	.053	-.039	-.440
60	1454	.162	.123	.732	-.086
60	1455	.028	.054	.330	-.111
60	1456	.001	.042	.224	-.160
60	1901	-.166	.045	.031	-.405
60	1902	-.147	.045	.049	-.339
60	1903	.113	.110	.564	-.136
60	1904	.081	.069	.521	-.065
60	1905	-.341	.128	.130	-.961
60	1906	-.393	.149	.196	-1.033
60	2101	-.310	.077	-.105	-.939
60	2102	-.318	.077	-.109	-.878
60	2103	-.339	.059	-.166	-.639
60	2104	-.294	.054	-.096	-.523
60	2105	-.300	.057	-.110	-.699
60	2106	-.313	.063	-.107	-.606
60	2107	-.326	.059	-.143	-.618
60	2108	-.288	.046	-.147	-.469
60	2109	-.278	.047	-.131	-.535
60	2110	-.284	.048	-.112	-.649
60	2111	-.333	.141	.029	-1.105
60	2112	-.283	.107	.018	-.927

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	2113	-.325	.065	-.136	-.661
60	2114	-.325	.061	-.167	-.632
60	2115	-.334	.054	-.194	-.595
60	2116	-.071	.052	.109	-.278
60	2117	-.081	.053	.180	-.304
60	2118	-.247	.087	.009	-.647
60	2119	-.394	.076	-.190	-.763
60	2120	-.405	.104	-.113	-.910
60	2121	-.481	.137	-.163	-1.075
60	2201	-.257	.057	-.025	-.781
60	2202	-.127	.077	.218	-.640
60	2203	-.296	.324	.810	-1.906
60	2204	-.262	.056	.013	-.940
60	2205	-.136	.078	.179	-.976
60	2206	-.082	.342	.899	-1.872
60	2207	-.123	.330	.737	-1.595
60	2208	-.172	.067	.092	-.600
60	2209	-.084	.234	.640	-1.648
60	2210	-.310	.079	-.031	-.679
60	2211	-.082	.124	.273	-.649
60	2212	-.091	.130	.309	-.469
60	2301	.335	.237	1.124	-.884
60	2302	.305	.231	1.030	-.478
60	2303	.197	.216	.985	-.399
60	2304	.216	.210	.977	-.519
60	2305	.172	.224	.979	-.696
60	2306	-.029	.149	.582	-.627
60	2307	-.135	.118	.325	-.516
60	2308	.226	.212	.955	-.523
60	2309	.240	.204	.929	-.440
60	2310	.253	.174	.936	-.285
60	2311	.208	.157	.889	-.297
60	2312	.143	.136	.710	-.275
60	2313	.052	.098	.489	-.278
60	2314	-.100	.080	.300	-.475
60	2315	.149	.146	.832	-.388
60	2316	.165	.126	.663	-.342
60	2317	.194	.114	.747	-.113
60	2318	.164	.099	.650	-.096
60	2319	.072	.083	.527	-.174
60	2320	-.002	.061	.243	-.286
60	2321	-.078	.053	.143	-.351
60	2322	.028	.061	.372	-.275
60	2323	.023	.058	.214	-.187
60	2324	.138	.117	.676	-.134
60	2325	.125	.105	.612	-.105
60	2326	.065	.085	.458	-.150
60	2327	-.000	.068	.331	-.140
60	2401	-.536	.143	-.184	-1.307
60	2402	-.542	.150	-.138	-1.427
60	2403	-.253	.090	.144	-.677
60	2404	-.259	.069	-.005	-.597
60	2405	-.571	.161	-.145	-1.657
60	2406	-.570	.170	-.081	-1.692
60	2407	-.249	.077	.123	-.517
60	2408	-.254	.057	-.047	-.482
60	2409	-.452	.123	-.170	-1.171
60	2410	-.459	.129	-.123	-1.291
60	2411	-.238	.066	.087	-.591
60	2412	-.254	.073	.036	-.551
60	2413	-.273	.118	.132	-.981
60	2414	-.204	.095	.304	-.628
60	2415	-.081	.045	.091	-.229
60	2416	-.074	.048	.116	-.218
70	1101	-.338	.073	-.136	-.725
70	1102	-.327	.067	-.107	-.839
70	1103	-.325	.066	-.112	-1.042
70	1104	-.377	.068	-.177	-1.009
70	1105	-.318	.055	-.131	-.573
70	1106	-.307	.054	-.126	-.566
70	1107	-.314	.056	-.139	-.593
70	1108	-.311	.049	-.157	-.553
70	1109	-.314	.049	-.145	-.578
70	1110	-.321	.050	-.141	-.575
70	1111	-.331	.049	-.179	-.734
70	1112	-.338	.049	-.184	-.740
70	1113	-.342	.052	-.164	-.781
70	1114	-.313	.051	-.142	-.610
70	1115	-.315	.047	-.135	-.603
70	1116	-.365	.052	-.181	-.606
70	1117	-.343	.051	-.193	-.666
70	1118	-.329	.047	-.193	-.531
70	1119	-.355	.049	-.175	-.625
70	1120	-.344	.049	-.197	-.513
70	1121	-.387	.050	-.236	-.580
70	1122	-.356	.053	-.192	-.654
70	1123	-.361	.053	-.191	-.641
70	1124	-.335	.051	-.168	-.591
70	1125	-.364	.051	-.178	-.571
70	1126	-.363	.049	-.182	-.544
70	1127	-.352	.048	-.146	-.535
70	1128	-.409	.062	-.228	-.719
70	1129	-.429	.063	-.221	-1.022
70	1130	-.380	.060	-.173	-1.027
70	1131	-.358	.052	-.206	-.592
70	1132	-.348	.052	-.176	-.568
70	1133	-.382	.057	-.180	-.651
70	1134	-.384	.054	-.219	-.621
70	1135	-.378	.056	-.184	-.581
70	1136	-.455	.076	-.203	-.766
70	1137	-.413	.070	-.178	-.714
70	1138	-.403	.072	-.232	-.779
70	1139	-.388	.069	-.218	-.744
70	1140	-.433	.070	-.262	-.795
70	1141	-.389	.076	-.175	-.745
70	1142	-.396	.068	-.215	-.724
70	1143	-.400	.069	-.163	-.687
70	1144	-.366	.093	.141	-.829
70	1145	-.307	.102	.117	-.722
70	1146	-.401	.091	.060	-.785
70	1147	-.451	.080	-.240	-.800
70	1148	-.438	.082	-.197	-.759
70	1149	-.290	.061	-.078	-.563
70	1150	-.282	.060	-.071	-.554
70	1151	-.319	.079	-.052	-.712
70	1152	-.263	.082	.063	-.645
70	1153	-.275	.072	.070	-.507
70	1154	-.414	.115	-.042	-.930
70	1155	-.465	.120	-.141	-1.104
70	1156	-.463	.126	-.137	-1.071
70	1157	-.181	.049	-.005	-.435
70	1158	-.214	.053	-.052	-.440
70	1159	-.279	.074	-.088	-.695
70	1160	-.165	.047	.037	-.314
70	1161	-.162	.052	.007	-.478
70	1162	-.206	.074	.038	-.623
70	1163	-.070	.111	.521	-.338
70	1164	-.141	.050	.113	-.319
70	1165	-.282	.101	.236	-.736
70	1166	-.385	.095	-.120	-1.016
70	1167	-.352	.086	-.096	-.897
70	1168	-.170	.046	-.005	-.345
70	1169	-.231	.051	-.080	-.436
70	1170	-.060	.061	.208	-.324
70	1171	-.061	.051	.204	-.204
70	1172	-.103	.042	.059	-.237
70	1201	-.311	.065	-.130	-.752
70	1202	-.326	.065	-.146	-.769
70	1203	-.365	.108	-.017	-.947
70	1204	-.345	.097	-.009	-.935
70	1205	-.333	.089	-.025	-.866
70	1206	-.350	.105	-.067	-.986
70	1207	-.307	.066	-.106	-.718
70	1208	-.313	.062	-.128	-.649
70	1209	-.351	.080	-.121	-.755
70	1210	-.346	.083	-.090	-.856
70	1211	-.329	.084	.031	-1.114
70	1212	-.341	.099	-.014	-1.203
70	1213	-.315	.061	-.119	-.579
70	1214	-.323	.060	-.111	-.638

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1215	-.341	.064	-.121	-.758
70	1216	-.350	.070	-.125	-.980
70	1217	-.337	.072	-.116	-1.097
70	1218	-.347	.087	-.132	-1.348
70	1219	-.331	.062	-.123	-.690
70	1220	-.320	.056	-.113	-.607
70	1221	-.352	.065	-.080	-.735
70	1222	-.356	.080	-.118	-.972
70	1223	-.334	.059	-.131	-.596
70	1224	-.339	.058	-.132	-.592
70	1225	-.354	.058	-.143	-.627
70	1226	-.365	.058	-.165	-.620
70	1227	-.355	.062	-.166	-.766
70	1228	-.371	.076	-.180	-.806
70	1229	-.380	.060	-.164	-.697
70	1230	-.387	.060	-.185	-.708
70	1231	-.387	.060	-.221	-.813
70	1232	-.395	.073	-.182	-.793
70	1233	-.384	.069	-.118	-.777
70	1234	-.388	.076	-.125	-.957
70	1235	-.413	.070	-.240	-.683
70	1236	-.413	.067	-.235	-.795
70	1237	-.400	.065	-.196	-.676
70	1238	-.395	.062	-.178	-.630
70	1239	-.373	.055	-.191	-.628
70	1240	-.373	.061	-.149	-.773
70	1241	-.414	.075	-.232	-.952
70	1242	-.415	.071	-.231	-.824
70	1243	-.430	.076	-.244	-.857
70	1244	-.404	.059	-.195	-.670
70	1245	-.361	.049	-.211	-.589
70	1246	-.373	.052	-.178	-.645
70	1247	-.415	.076	-.222	-.822
70	1248	-.414	.089	-.232	-1.017
70	1249	-.405	.081	-.089	-.883
70	1250	-.342	.055	-.178	-.633
70	1251	-.337	.048	-.171	-.541
70	1252	-.368	.058	-.195	-.590
70	1253	-.420	.079	-.170	-.886
70	1254	-.437	.099	-.196	-1.023
70	1255	-.436	.090	-.188	-1.145
70	1256	-.448	.091	-.211	-1.149
70	1257	-.445	.091	-.205	-1.089
70	1258	-.368	.068	-.050	-.660
70	1259	-.297	.048	-.159	-.527
70	1260	-.284	.048	-.114	-.580
70	1261	-.258	.049	-.096	-.436
70	1262	-.424	.096	-.209	-1.583
70	1263	-.430	.096	-.162	-1.228
70	1264	-.438	.096	-.176	-.944

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1265	-.457	.109	-.184	-1.117
70	1266	-.491	.118	-.189	-1.226
70	1267	-.448	.112	-.030	-.930
70	1268	-.274	.057	-.041	-.598
70	1269	-.266	.038	-.137	-.426
70	1270	-.231	.042	-.071	-.451
70	1271	-.213	.045	-.040	-.416
70	1272	-.479	.153	-.126	-1.275
70	1273	-.275	.113	-.115	-.956
70	1274	-.209	.063	-.048	-.467
70	1275	-.253	.041	-.046	-.397
70	1276	-.223	.044	-.048	-.422
70	1277	-.175	.042	-.021	-.314
70	1278	-.155	.041	-.025	-.281
70	1279	-.270	.041	-.117	-.421
70	1280	-.208	.059	-.038	-.413
70	1281	-.139	.051	-.078	-.313
70	1301	-.021	.265	-.713	-1.449
70	1302	-.021	.134	-.540	-.449
70	1303	-.118	.111	-.368	-.455
70	1304	-.058	.410	1.107	-.914
70	1305	-.026	.373	.907	-1.892
70	1306	-.042	.116	.467	-.485
70	1307	-.143	.091	.262	-.508
70	1308	-.221	.373	.938	-1.802
70	1309	-.181	.406	.986	-1.787
70	1310	-.056	.122	.453	-.791
70	1311	-.182	.087	.227	-.601
70	1312	-.098	.128	.445	-.969
70	1313	-.213	.082	.331	-.903
70	1314	-.343	.085	.872	-1.402
70	1315	-.312	.373	.851	-1.706
70	1316	-.083	.140	.431	-.998
70	1317	-.094	.076	.199	-.819
70	1318	-.238	.073	.104	-.666
70	1319	-.401	.279	.641	-1.375
70	1320	-.375	.327	.767	-1.571
70	1321	-.108	.156	.350	-.648
70	1322	-.337	.066	-.050	-.664
70	1323	-.415	.236	.504	-1.739
70	1324	-.360	.266	.793	-1.316
70	1325	-.306	.152	.280	-.906
70	1326	-.235	.063	.094	-.669
70	1327	-.292	.083	.007	-.616
70	1328	-.346	.181	.497	-1.110
70	1329	-.342	.202	.446	-1.138
70	1330	-.127	.121	.171	-.391
70	1331	-.186	.066	.046	-.609
70	1332	-.272	.059	-.068	-.650

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1334	-.321	.251	.397	-1.940
70	1335	-.226	.239	.477	-1.357
70	1336	-.045	.080	.307	-.865
70	1337	-.170	.075	.119	-.526
70	1338	-.251	.062	-.022	-.558
70	1339	-.160	.229	.554	-1.394
70	1340	-.089	.172	.458	-1.422
70	1341	-.030	.059	.227	-.479
70	1342	-.165	.074	.134	-.573
70	1343	-.239	.070	.066	-.596
70	1344	-.226	.227	.436	-1.243
70	1345	-.129	.136	.382	-.824
70	1346	-.073	.073	.185	-.527
70	1347	-.129	.048	.042	-.464
70	1348	-.255	.077	.010	-.621
70	1349	-.189	.084	.113	-.626
70	1350	-.189	.079	.105	-.457
70	1351	-.036	.063	.225	-.293
70	1353	-.133	.048	.038	-.339
70	1354	-.039	.049	.131	-.229
70	1355	-.037	.048	.166	-.199
70	1356	-.035	.049	.216	-.209
70	1357	-.056	.051	.187	-.244
70	1358	-.100	.048	.086	-.289
70	1359	-.036	.061	.193	-.293
70	1360	-.007	.052	.202	-.172
70	1361	-.007	.054	.270	-.131
70	1362	-.013	.060	.311	-.205
70	1401	-.325	.058	.075	-.594
70	1402	-.227	.074	.153	-.515
70	1403	.121	.106	.498	-.258
70	1404	.341	.175	.943	-.309
70	1405	.402	.203	1.044	-.618
70	1406	-.283	.051	.103	-.489
70	1407	-.152	.064	.299	-.397
70	1408	.419	.177	1.201	-.101
70	1409	.501	.205	1.221	-.108
70	1410	.427	.225	1.214	-.207
70	1411	-.341	.052	.150	-.689
70	1412	-.222	.065	.044	-.489
70	1413	.418	.173	1.212	-.033
70	1414	.477	.190	1.257	-.068
70	1415	.387	.200	1.211	-.162
70	1416	-.355	.055	.177	-.571
70	1417	-.239	.064	.040	-.553
70	1418	.367	.158	.976	-.100
70	1419	.411	.167	1.054	-.021
70	1420	.271	.177	1.049	-.200
70	1421	-.394	.055	.172	-.580
70	1422	-.250	.053	.016	-.447

APPENDIX A -- PRESSURE DATA: CONFIGURATION A, U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1423	.328	.143	.924	-.081
70	1424	.355	.150	1.065	-.081
70	1425	.204	.152	.981	-.270
70	1426	-.425	.070	-.237	-.712
70	1427	-.293	.057	-.056	-.597
70	1428	.294	.144	1.088	-.081
70	1429	.313	.139	.931	-.079
70	1430	.203	.126	.801	-.174
70	1431	-.430	.081	-.199	-.868
70	1432	-.295	.065	-.081	-.643
70	1433	.241	.113	.794	-.087
70	1434	.152	.106	.725	-.163
70	1435	-.222	.061	.106	-.571
70	1436	.212	.102	.713	-.067
70	1437	.181	.088	.629	-.094
70	1438	.149	.092	.675	-.116
70	1439	.140	.113	.679	-.238
70	1440	-.420	.085	-.151	-.874
70	1441	-.259	.065	-.025	-.559
70	1442	.079	.061	.372	-.155
70	1443	.009	.056	.241	-.199
70	1444	-.036	.074	.237	-.614
70	1445	-.366	.081	-.103	-.787
70	1446	-.144	.045	.025	-.320
70	1447	.227	.098	.623	-.023
70	1448	.028	.055	.315	-.129
70	1449	-.053	.053	.212	-.237
70	1450	-.347	.087	-.032	-.733
70	1451	-.359	.138	.224	-.882
70	1452	-.356	.082	-.104	-.773
70	1453	-.239	.060	-.050	-.510
70	1454	.272	.115	.751	-.004
70	1455	.089	.064	.416	-.094
70	1456	.046	.052	.287	-.112
70	1901	-.215	.056	.071	-.433
70	1902	-.190	.052	.016	-.379
70	1903	.209	.102	.633	-.068
70	1904	.157	.071	.452	-.035
70	1905	-.365	.101	-.007	-.856
70	1906	-.410	.122	-.036	-1.133
70	2101	-.415	.100	-.063	-.927
70	2102	-.430	.103	-.069	-.963
70	2103	-.434	.070	-.174	-.985
70	2104	-.389	.059	-.185	-.617
70	2105	-.392	.060	-.176	-.644
70	2106	-.383	.064	-.192	-.730
70	2107	-.396	.061	-.207	-.736
70	2108	-.357	.051	-.198	-.566
70	2109	-.341	.047	-.169	-.497
70	2110	-.349	.049	-.162	-.522

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	2111	-.524	.189	-.098	-1.500
70	2112	-.446	.150	-.011	-1.275
70	2113	-.404	.072	-.210	-.709
70	2114	-.401	.066	-.221	-.654
70	2115	-.410	.061	-.247	-.651
70	2116	-.046	.062	.222	-.329
70	2117	-.066	.059	.186	-.268
70	2118	-.346	.103	-.013	-.809
70	2119	-.504	.081	-.285	-.876
70	2120	-.513	.108	-.212	-1.093
70	2121	-.550	.135	-.237	-1.290
70	2201	-.291	.060	-.050	-.494
70	2202	-.121	.076	.189	-.392
70	2203	-.194	.330	.780	-1.901
70	2204	-.311	.056	-.112	-.502
70	2205	-.125	.073	.136	-.701
70	2206	-.057	.330	.878	-1.469
70	2207	-.159	.386	.929	-1.543
70	2208	-.166	.065	.227	-.408
70	2209	-.082	.241	.710	-1.215
70	2210	-.364	.082	-.112	-.684
70	2211	-.086	.146	.397	-.692
70	2212	-.131	.171	.462	-.706
70	2301	.351	.187	.892	-.338
70	2302	.302	.176	.817	-.253
70	2303	.211	.157	.751	-.233
70	2304	.244	.153	.802	-.195
70	2305	.236	.155	.919	-.323
70	2306	.005	.108	.462	-.329
70	2307	-.121	.084	.265	-.435
70	2308	.387	.183	1.020	-.166
70	2309	.461	.180	1.066	-.345
70	2310	.458	.164	1.042	-.177
70	2311	.416	.157	1.036	-.136
70	2312	.345	.140	.962	-.096
70	2313	.154	.098	.600	-.205
70	2314	-.040	.074	.330	-.429
70	2315	.300	.161	.940	-.360
70	2316	.316	.141	.923	-.087
70	2317	.313	.124	.988	.032
70	2318	.280	.111	.916	.005
70	2319	.178	.092	.633	-.095
70	2320	.073	.068	.436	-.173
70	2321	-.040	.058	.292	-.304
70	2322	.058	.069	.362	-.219
70	2323	.074	.055	.302	-.121
70	2324	.239	.106	.679	-.053
70	2325	.219	.097	.636	-.044
70	2326	.105	.071	.392	-.079
70	2327	.006	.056	.199	-.142

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	2401	-.617	.114	-.260	-1.279
70	2402	-.639	.124	-.249	-1.363
70	2403	-.245	.104	.250	-.567
70	2404	-.294	.082	.023	-.622
70	2405	-.692	.142	-.258	-1.930
70	2406	-.706	.150	-.205	-1.474
70	2407	-.283	.074	.084	-.508
70	2408	-.302	.057	-.089	-.533
70	2409	-.593	.136	-.178	-1.410
70	2410	-.615	.141	-.180	-1.386
70	2411	-.288	.089	.190	-.811
70	2412	-.320	.093	.092	-.794
70	2413	-.393	.148	.119	-1.004
70	2414	-.308	.138	.187	-.876
70	2415	-.074	.057	.160	-.307
70	2416	-.058	.060	.223	-.323
80	1101	-.401	.063	-.200	-.793
80	1102	-.386	.057	-.200	-.721
80	1103	-.392	.056	-.197	-.662
80	1104	-.391	.057	-.202	-.659
80	1105	-.378	.051	-.209	-.630
80	1106	-.375	.050	-.180	-.591
80	1107	-.385	.053	-.192	-.582
80	1108	-.377	.044	-.236	-.531
80	1109	-.378	.046	-.239	-.549
80	1110	-.374	.046	-.234	-.529
80	1111	-.398	.049	-.258	-.612
80	1112	-.402	.048	-.265	-.616
80	1113	-.395	.046	-.245	-.591
80	1114	-.385	.046	-.242	-.568
80	1115	-.377	.047	-.227	-.564
80	1116	-.425	.055	-.206	-.681
80	1117	-.416	.052	-.197	-.692
80	1118	-.408	.049	-.255	-.636
80	1119	-.443	.054	-.239	-.625
80	1120	-.439	.055	-.261	-.729
80	1121	-.429	.054	-.261	-.683
80	1122	-.433	.052	-.248	-.671
80	1123	-.424	.051	-.232	-.681
80	1124	-.418	.050	-.223	-.664
80	1125	-.450	.051	-.249	-.720
80	1126	-.441	.051	-.265	-.670
80	1127	-.435	.056	-.244	-.652
80	1128	-.493	.072	-.317	-.828
80	1129	-.479	.074	-.273	-1.072
80	1130	-.465	.063	-.275	-.736
80	1131	-.446	.056	-.266	-.677
80	1132	-.451	.057	-.266	-.682
80	1133	-.481	.064	-.255	-.729
80	1134	-.469	.059	-.295	-.721

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1135	-.480	.065	-.296	-.884
80	1136	-.495	.081	-.252	-.827
80	1137	-.495	.076	-.280	-.837
80	1138	-.476	.066	-.273	-.797
80	1139	-.473	.063	-.289	-.776
80	1140	-.465	.062	-.283	-.737
80	1141	-.441	.071	-.243	-.793
80	1142	-.458	.063	-.259	-.728
80	1143	-.478	.073	-.241	-.832
80	1144	-.466	.098	.120	-.861
80	1145	-.403	.100	.030	-.684
80	1146	-.499	.087	-.103	-.923
80	1147	-.543	.077	-.286	-.890
80	1148	-.529	.078	-.251	-.878
80	1149	-.364	.075	-.116	-.689
80	1150	-.348	.067	-.037	-.683
80	1151	-.369	.072	-.098	-.730
80	1152	-.355	.106	.122	-.740
80	1153	-.384	.073	.008	-.665
80	1154	-.579	.126	-.117	-1.188
80	1155	-.611	.112	-.341	-1.627
80	1156	-.596	.125	-.301	-1.407
80	1157	-.212	.063	-.007	-.444
80	1158	-.256	.065	-.007	-.494
80	1159	-.383	.091	-.087	-.734
80	1160	-.236	.052	-.031	-.452
80	1161	-.169	.057	.051	-.392
80	1162	+.210	.072	.003	-.602
80	1163	.005	.145	.668	-.349
80	1164	-.184	.061	.071	-.424
80	1165	-.420	.104	-.012	-.821
80	1166	-.487	.088	-.247	-.872
80	1167	-.453	.085	-.231	-.826
80	1168	-.247	.047	-.078	-.432
80	1169	-.325	.059	-.133	-.604
80	1170	-.060	.065	.219	-.400
80	1171	-.078	.064	.226	-.270
80	1172	-.143	.049	.035	-.308
80	1201	-.354	.056	-.182	-.596
80	1202	-.379	.056	-.202	-.688
80	1203	-.397	.069	-.172	-.860
80	1204	-.405	.060	-.226	-.754
80	1205	-.410	.064	-.203	-.794
80	1206	-.399	.068	-.166	-.826
80	1207	-.351	.052	-.206	-.572
80	1208	-.380	.054	-.206	-.613
80	1209	-.383	.056	-.230	-.636
80	1210	-.401	.055	-.237	-.719
80	1211	-.402	.059	-.236	-.728
80	1212	-.403	.064	-.226	-.790

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1213	-.380	.050	-.226	-.585
80	1214	-.403	.049	-.236	-.613
80	1215	-.395	.052	-.218	-.639
80	1216	-.416	.052	-.265	-.748
80	1217	-.424	.051	-.273	-.676
80	1218	-.428	.060	-.260	-.722
80	1219	-.395	.053	-.183	-.591
80	1220	-.400	.051	-.238	-.592
80	1221	-.450	.053	-.275	-.693
80	1222	-.439	.060	-.203	-.698
80	1223	-.401	.048	-.239	-.569
80	1224	-.397	.048	-.249	-.569
80	1225	-.398	.051	-.235	-.569
80	1226	-.425	.051	-.263	-.628
80	1227	-.455	.054	-.261	-.674
80	1228	-.446	.056	-.286	-.691
80	1229	-.437	.050	-.297	-.631
80	1230	-.451	.050	-.307	-.659
80	1231	-.455	.048	-.316	-.640
80	1232	-.467	.056	-.314	-.725
80	1233	-.454	.054	-.287	-.641
80	1234	-.466	.055	-.297	-.714
80	1235	-.499	.049	-.364	-.707
80	1236	-.489	.057	-.312	-.717
80	1237	-.468	.052	-.312	-.688
80	1238	-.466	.051	-.325	-.659
80	1239	-.476	.048	-.344	-.660
80	1240	-.458	.050	-.325	-.655
80	1241	-.486	.056	-.336	-.751
80	1242	-.468	.058	-.320	-.795
80	1243	-.470	.058	-.328	-.730
80	1244	-.474	.049	-.314	-.694
80	1245	-.469	.044	-.336	-.632
80	1246	-.456	.049	-.315	-.649
80	1247	-.460	.054	-.290	-.851
80	1248	-.459	.053	-.312	-.816
80	1249	-.446	.054	-.290	-.676
80	1250	-.418	.042	-.278	-.605
80	1251	-.427	.044	-.297	-.610
80	1252	-.419	.054	-.265	-.625
80	1253	-.490	.057	-.336	-.749
80	1254	-.472	.071	-.250	-.810
80	1255	-.497	.065	-.331	-.864
80	1256	-.494	.065	-.326	-.864
80	1257	-.492	.065	-.323	-.808
80	1258	-.455	.056	-.251	-.672
80	1259	-.358	.043	-.195	-.547
80	1260	-.326	.046	-.168	-.512
80	1261	-.326	.050	-.154	-.565
80	1262	-.475	.066	-.313	-.765

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1263	-.494	.069	-.315	-.791
80	1264	-.494	.075	-.279	-.896
80	1265	-.562	.103	-.315	-1.123
80	1266	-.564	.109	-.259	-1.249
80	1267	-.526	.101	-.163	-.955
80	1268	-.339	.052	-.141	-.613
80	1269	-.317	.036	-.174	-.472
80	1270	-.287	.048	-.116	-.481
80	1271	-.276	.056	-.046	-.513
80	1272	-.494	.147	-.118	-1.361
80	1273	-.295	.103	.047	-.834
80	1274	-.256	.057	-.015	-.509
80	1275	-.330	.037	-.140	-.456
80	1276	-.278	.044	-.126	-.472
80	1277	-.218	.044	-.070	-.373
80	1278	-.194	.045	-.015	-.336
80	1279	-.354	.037	-.231	-.523
80	1280	-.298	.054	-.107	-.496
80	1281	-.206	.052	.011	-.396
80	1301	-.289	.270	.391	-1.278
80	1302	-.169	.076	.134	-.475
80	1303	-.251	.060	-.028	-.506
80	1304	-.435	.243	.498	-1.250
80	1305	-.358	.322	.512	-1.370
80	1306	-.158	.075	.202	-.681
80	1307	-.249	.057	.079	-.530
80	1308	-.487	.219	.711	-1.304
80	1309	-.488	.258	.683	-1.465
80	1310	-.150	.099	.178	-.723
80	1311	-.270	.064	.010	-.771
80	1312	-.194	.124	.142	-1.125
80	1313	-.294	.066	-.049	-.892
80	1314	-.528	.190	.370	-1.183
80	1315	-.543	.218	.418	-1.300
80	1316	-.178	.143	.140	-1.053
80	1317	-.308	.054	-.127	-.730
80	1318	-.184	.175	.206	-1.173
80	1319	-.304	.052	-.035	-.599
80	1320	-.538	.183	.309	-1.257
80	1321	-.551	.206	.386	-1.294
80	1322	-.174	.171	.142	-1.075
80	1323	-.417	.051	-.225	-.623
80	1324	-.518	.156	.285	-1.234
80	1325	-.541	.172	.169	-1.258
80	1326	-.204	.184	.164	-1.079
80	1327	-.286	.060	-.069	-.659
80	1328	-.336	.054	-.158	-.581
80	1329	-.478	.165	.101	-1.236
80	1330	-.478	.189	.304	-1.308
80	1331	-.140	.129	.171	-1.050

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1332	-.227	.072	.017	-.630
80	1333	-.329	.055	-.131	-.642
80	1334	-.442	.294	.505	-1.848
80	1335	-.319	.332	.488	-1.541
80	1336	-.024	.064	.251	-.458
80	1337	-.242	.074	.062	-.742
80	1338	-.323	.061	-.015	-.604
80	1339	-.126	.298	.673	-1.381
80	1340	-.035	.201	.455	-1.344
80	1341	-.031	.049	.185	-.240
80	1342	-.237	.073	.001	-.622
80	1343	-.319	.064	-.084	-.603
80	1344	-.208	.255	.460	-1.191
80	1345	-.093	.137	.399	-.947
80	1346	-.045	.054	.142	-.298
80	1347	-.136	.046	.062	-.340
80	1348	-.310	.080	-.026	-.686
80	1349	-.248	.101	.025	-.668
80	1350	-.232	.083	.029	-.588
80	1351	-.065	.069	.205	-.320
80	1353	-.153	.056	.058	-.406
80	1354	-.040	.053	.140	-.281
80	1355	-.029	.053	.174	-.241
80	1356	-.043	.049	.134	-.207
80	1357	-.060	.050	.168	-.226
80	1358	-.117	.053	.132	-.294
80	1359	-.054	.066	.246	-.296
80	1360	-.002	.050	.209	-.217
80	1361	-.000	.050	.207	-.168
80	1362	-.023	.057	.215	-.228
80	1401	-.386	.056	-.184	-.614
80	1402	-.284	.065	-.022	-.580
80	1403	.075	.089	.454	-.197
80	1404	.290	.142	.769	-.110
80	1405	.334	.151	.917	-.176
80	1406	-.349	.045	-.221	-.551
80	1407	-.204	.053	-.000	-.432
80	1408	.425	.138	.992	.011
80	1409	.495	.150	1.079	.084
80	1410	.352	.154	.939	-.096
80	1411	-.396	.048	-.234	-.592
80	1412	-.243	.049	-.066	-.437
80	1413	.460	.140	1.104	.076
80	1414	.524	.151	1.111	.063
80	1415	.393	.151	.970	-.054
80	1416	-.420	.051	-.255	-.693
80	1417	-.260	.049	-.093	-.469
80	1418	.459	.141	1.036	.074
80	1419	.508	.147	1.131	.028
80	1420	.341	.138	.949	-.148

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1421	-.440	.054	-.271	-.645
80	1422	-.297	.046	-.095	-.490
80	1423	.451	.136	1.026	.099
80	1424	.494	.150	1.188	.102
80	1425	.319	.142	1.139	-.164
80	1426	-.508	.057	-.334	-.749
80	1427	-.340	.048	-.194	-.517
80	1428	.401	.114	.821	.089
80	1429	.446	.123	.970	.119
80	1430	.322	.120	.794	.010
80	1431	-.520	.066	-.328	-.871
80	1432	-.363	.056	-.128	-.674
80	1433	.355	.108	.852	-.026
80	1434	.275	.119	.836	-.090
80	1435	-.271	.054	-.086	-.525
80	1436	.288	.096	.651	-.067
80	1437	.250	.087	.588	.015
80	1438	.228	.090	.561	-.032
80	1439	.230	.110	.825	-.112
80	1440	-.509	.074	-.295	-.992
80	1441	-.351	.058	-.143	-.653
80	1442	.130	.056	.365	-.036
80	1443	.012	.056	.273	-.199
80	1444	-.051	.079	.246	-.382
80	1445	-.483	.070	-.131	-.798
80	1446	-.199	.045	-.059	-.379
80	1447	.274	.094	.601	-.009
80	1448	.034	.055	.262	-.133
80	1449	-.053	.054	.156	-.244
80	1450	-.466	.086	-.228	-.832
80	1451	-.462	.169	.095	-1.066
80	1452	-.499	.085	-.276	-.887
80	1453	-.317	.060	-.133	-.588
80	1454	.322	.119	.762	.035
80	1455	.115	.074	.413	-.133
80	1456	.049	.061	.269	-.212
80	1901	-.289	.048	-.107	-.472
80	1902	-.233	.060	-.017	-.484
80	1903	.249	.119	.681	-.097
80	1904	.227	.075	.567	-.001
80	1905	-.408	.065	-.209	-.841
80	1906	-.410	.074	-.190	-.869
80	2101	-.569	.165	-.008	-1.560
80	2102	-.592	.167	-.102	-1.512
80	2103	-.533	.093	-.280	-1.195
80	2104	-.498	.060	-.273	-.735
80	2105	-.492	.061	-.298	-.695
80	2106	-.463	.067	-.258	-.736
80	2107	-.464	.067	-.266	-.727
80	2108	-.448	.054	-.297	-.644

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	2109	-.424	.048	-.267	-.640
80	2110	-.432	.051	-.224	-.664
80	2111	-.745	.266	-.135	-2.406
80	2112	-.625	.168	-.153	-1.377
80	2113	-.525	.081	-.274	-.978
80	2114	-.516	.072	-.263	-.880
80	2115	-.514	.071	-.259	-.877
80	2116	-.052	.082	.270	-.379
80	2117	-.094	.072	.220	-.412
80	2118	-.458	.096	-.143	-.914
80	2119	-.565	.101	-.204	-1.199
80	2120	-.606	.110	-.242	-1.210
80	2121	-.677	.161	-.305	-1.333
80	2201	-.304	.073	-.043	-.540
80	2202	-.096	.100	.293	-.358
80	2203	.167	.281	1.106	-.868
80	2204	-.348	.063	-.127	-.559
80	2205	-.070	.091	.326	-.320
80	2206	.227	.274	.985	-.793
80	2207	-.461	.243	.457	-1.366
80	2208	-.134	.080	.252	-.369
80	2209	.117	.239	.833	-1.068
80	2210	-.421	.093	-.108	-.860
80	2211	.043	.139	.479	-.668
80	2212	.048	.179	.564	-.626
80	2301	.299	.159	.874	-.374
80	2302	.214	.138	.737	-.217
80	2303	.127	.126	.722	-.213
80	2304	.136	.119	.594	-.204
80	2305	.114	.115	.579	-.274
80	2306	-.110	.071	.170	-.371
80	2307	-.217	.056	-.020	-.432
80	2308	.489	.137	.999	-.048
80	2309	.532	.147	1.109	.077
80	2310	.527	.140	1.030	.153
80	2311	.484	.133	.966	.146
80	2312	.385	.119	.809	.079
80	2313	.187	.083	.576	-.039
80	2314	-.033	.061	.249	-.282
80	2315	.464	.132	1.045	-.027
80	2316	.443	.126	.951	.087
80	2317	.407	.114	.932	.126
80	2318	.369	.105	.822	.104
80	2319	.253	.094	.611	-.000
80	2320	.111	.066	.378	-.057
80	2321	-.032	.054	.206	-.207
80	2322	.126	.085	.514	-.110
80	2323	.121	.063	.426	-.043
80	2324	.236	.116	.667	-.010
80	2325	.227	.106	.646	-.011

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	2326	.084	.069	.343	-.115
80	2327	-.035	.056	.153	-.180
80	2401	-.678	.102	-.371	-1.112
80	2402	-.707	.111	-.385	-1.196
80	2403	-.277	.099	.137	-.576
80	2404	-.379	.094	-.048	-.738
80	2405	-.796	.120	-.496	-1.462
80	2406	-.829	.126	-.511	-1.567
80	2407	-.319	.070	.014	-.621
80	2408	-.380	.059	-.142	-.647
80	2409	-.707	.108	-.388	-1.152
80	2410	-.736	.113	-.417	-1.278
80	2411	-.403	.098	.071	-.770
80	2412	-.419	.098	-.048	-.802
80	2413	-.534	.210	.024	-1.462
80	2414	-.419	.158	.203	-1.042
80	2415	-.099	.067	.142	-.309
80	2416	-.062	.070	.211	-.294
90	1101	-.472	.077	-.189	-.858
90	1102	-.428	.063	-.181	-.964
90	1103	-.437	.057	-.236	-.744
90	1104	-.436	.057	-.244	-.705
90	1105	-.425	.055	-.237	-.810
90	1106	-.420	.051	-.240	-.654
90	1107	-.423	.051	-.278	-.615
90	1108	-.425	.049	-.255	-.651
90	1109	-.430	.050	-.279	-.643
90	1110	-.428	.050	-.278	-.634
90	1111	-.457	.059	-.302	-.738
90	1112	-.462	.055	-.319	-.724
90	1113	-.452	.051	-.294	-.641
90	1114	-.438	.050	-.259	-.624
90	1115	-.429	.050	-.280	-.642
90	1116	-.466	.054	-.298	-.741
90	1117	-.470	.053	-.306	-.700
90	1118	-.460	.055	-.292	-.694
90	1119	-.475	.056	-.291	-.688
90	1120	-.490	.057	-.328	-.744
90	1121	-.480	.055	-.323	-.721
90	1122	-.486	.059	-.312	-.728
90	1123	-.477	.057	-.294	-.707
90	1124	-.468	.056	-.292	-.693
90	1125	-.501	.061	-.318	-.827
90	1126	-.492	.058	-.323	-.808
90	1127	-.483	.054	-.260	-.718
90	1128	-.551	.085	-.310	-1.050
90	1129	-.536	.074	-.336	-.992
90	1130	-.518	.066	-.360	-.839
90	1131	-.500	.069	-.322	-.802
90	1132	-.505	.070	-.318	-.794
90	1133	-.521	.084	-.288	-.909
90	1134	-.504	.072	-.315	-.912
90	1135	-.521	.072	-.311	-.864
90	1136	-.534	.098	-.198	-1.022
90	1137	-.544	.093	-.245	-1.036
90	1138	-.559	.091	-.331	-1.117
90	1139	-.532	.082	-.316	-1.145
90	1140	-.520	.078	-.281	-1.038
90	1141	-.431	.077	-.240	-.900
90	1142	-.454	.069	-.247	-.747
90	1143	-.488	.080	-.271	-.838
90	1144	-.507	.117	.102	-.983
90	1145	-.469	.105	.126	-.920
90	1146	-.577	.096	-.087	-1.032
90	1147	-.606	.085	-.382	-1.039
90	1148	-.581	.085	-.365	-.990
90	1149	-.367	.095	-.078	-.801
90	1150	-.350	.084	-.021	-.754
90	1151	-.382	.087	-.052	-.807
90	1152	-.358	.140	.266	-.875
90	1153	-.355	.084	.124	-.687
90	1154	-.597	.152	-.103	-1.200
90	1155	-.700	.131	-.304	-1.413
90	1156	-.714	.164	-.336	-1.459
90	1157	-.205	.070	.030	-.457
90	1158	-.268	.076	-.002	-.589
90	1159	-.438	.118	-.090	-1.050
90	1160	-.246	.046	-.051	-.420
90	1161	-.185	.062	.037	-.433
90	1162	-.223	.070	.006	-.557
90	1163	.043	.147	.555	-.373
90	1164	-.158	.067	.140	-.363
90	1165	-.493	.109	-.050	-.962
90	1166	-.518	.088	-.268	-.910
90	1167	-.485	.087	-.242	-.845
90	1168	-.252	.048	-.034	-.456
90	1169	-.301	.059	-.106	-.582
90	1170	-.104	.073	.165	-.356
90	1171	-.105	.058	.184	-.292
90	1172	-.175	.049	.018	-.355
90	1201	-.394	.061	-.159	-.642
90	1202	-.420	.063	-.192	-.714
90	1203	-.415	.062	-.215	-.741
90	1204	-.429	.054	-.243	-.654
90	1205	-.419	.057	-.219	-.721
90	1206	-.427	.059	-.201	-.681
90	1207	-.387	.055	-.202	-.650
90	1208	-.403	.054	-.161	-.659
90	1209	-.405	.056	-.222	-.622
90	1210	-.418	.051	-.212	-.608
90	1211	-.424	.050	-.267	-.628
90	1212	-.425	.051	-.280	-.699
90	1213	-.430	.067	-.187	-.901
90	1214	-.418	.053	-.180	-.729
90	1215	-.412	.050	-.248	-.606
90	1216	-.421	.047	-.268	-.635
90	1217	-.430	.042	-.283	-.601
90	1218	-.433	.046	-.283	-.606
90	1219	-.420	.060	-.171	-.871
90	1220	-.426	.056	-.185	-.713
90	1221	-.423	.044	-.282	-.682
90	1222	-.434	.048	-.271	-.664
90	1223	-.430	.050	-.270	-.654
90	1224	-.425	.048	-.262	-.590
90	1225	-.423	.050	-.261	-.589
90	1226	-.435	.048	-.289	-.608
90	1227	-.435	.046	-.268	-.584
90	1228	-.450	.047	-.315	-.638
90	1229	-.453	.057	-.243	-.767
90	1230	-.460	.055	-.263	-.747
90	1231	-.487	.052	-.325	-.744
90	1232	-.455	.050	-.291	-.651
90	1233	-.453	.050	-.288	-.650
90	1234	-.466	.050	-.271	-.651
90	1235	-.488	.040	-.373	-.638
90	1236	-.480	.054	-.296	-.686
90	1237	-.460	.049	-.309	-.637
90	1238	-.460	.046	-.311	-.664
90	1239	-.467	.048	-.298	-.659
90	1240	-.456	.047	-.310	-.662
90	1241	-.509	.062	-.349	-.820
90	1242	-.485	.053	-.297	-.800
90	1243	-.521	.060	-.361	-.847
90	1244	-.468	.051	-.267	-.688
90	1245	-.452	.048	-.274	-.651
90	1246	-.464	.054	-.303	-.686
90	1247	-.514	.063	-.326	-.819
90	1248	-.502	.065	-.326	-.885
90	1249	-.478	.065	-.240	-.746
90	1250	-.406	.045	-.271	-.598
90	1251	-.408	.045	-.271	-.625
90	1252	-.420	.056	-.244	-.640
90	1253	-.521	.063	-.355	-.841
90	1254	-.551	.089	-.291	-.991
90	1255	-.559	.077	-.336	-1.076
90	1256	-.557	.078	-.328	-1.074
90	1257	-.559	.079	-.321	-1.070
90	1258	-.455	.075	-.094	-.715
90	1259	-.365	.042	-.239	-.542
90	1260	-.330	.047	-.169	-.497

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	1261	-.314	.052	-.134	-.584
90	1262	-.546	.078	-.270	-.899
90	1263	-.568	.082	-.285	-.955
90	1264	-.574	.096	-.265	-1.110
90	1265	-.686	.123	-.334	-1.294
90	1266	-.688	.140	-.187	-1.309
90	1267	-.538	.143	-.142	-1.066
90	1268	-.329	.046	-.187	-.554
90	1269	-.325	.036	-.194	-.523
90	1270	-.283	.052	-.059	-.460
90	1271	-.269	.059	-.009	-.463
90	1272	-.532	.136	-.164	-1.371
90	1273	-.384	.106	-.038	-.817
90	1274	-.314	.062	-.056	-.573
90	1275	-.346	.037	-.209	-.474
90	1276	-.306	.042	-.164	-.505
90	1277	-.253	.040	-.078	-.391
90	1278	-.235	.041	-.064	-.380
90	1279	-.346	.036	-.223	-.500
90	1280	-.306	.048	-.141	-.502
90	1281	-.238	.046	-.090	-.395
90	1301	-.645	.268	.088	-1.590
90	1302	-.282	.076	-.056	-.899
90	1303	-.332	.058	-.124	-.728
90	1304	-.727	.208	.124	-1.724
90	1305	-.682	.274	.303	-1.629
90	1306	-.281	.113	-.049	-.887
90	1307	-.326	.071	-.147	-.843
90	1308	-.718	.165	.043	-1.386
90	1309	-.718	.194	.070	-1.786
90	1310	-.297	.163	.057	-1.250
90	1311	-.369	.115	-.049	-1.046
90	1312	-.366	.195	.010	-1.138
90	1313	-.387	.124	-.123	-1.164
90	1314	-.702	.179	.024	-1.488
90	1315	-.730	.192	.272	-1.556
90	1316	-.377	.242	.061	-1.646
90	1317	-.385	.102	-.050	-1.426
90	1318	-.395	.257	.035	-1.395
90	1319	-.376	.086	-.052	-.889
90	1320	-.686	.169	-.098	-1.426
90	1321	-.707	.181	.065	-1.487
90	1322	-.372	.254	.112	-1.243
90	1323	-.434	.062	-.250	-.983
90	1324	-.688	.157	-.149	-1.330
90	1325	-.672	.177	.149	-1.306
90	1326	-.388	.261	.099	-1.343
90	1327	-.362	.099	-.090	-1.141
90	1328	-.389	.075	-.141	-1.009
90	1329	-.617	.196	.010	-1.845

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	1330	-.634	.216	.194	-1.898
90	1331	-.253	.202	.270	-1.248
90	1332	-.303	.102	.003	-1.163
90	1333	-.391	.074	-.187	-1.016
90	1334	-.655	.364	.404	-2.082
90	1335	-.548	.398	.411	-2.070
90	1336	-.048	.070	.258	-.504
90	1337	-.314	.088	-.010	-.807
90	1338	-.396	.077	-.119	-.788
90	1339	-.295	.402	.771	-1.873
90	1340	-.127	.293	.537	-1.666
90	1341	-.053	.051	.155	-.374
90	1342	-.330	.087	-.068	-.870
90	1343	-.414	.076	-.176	-1.170
90	1344	-.332	.282	.588	-1.480
90	1345	-.157	.125	.328	-.807
90	1346	-.068	.056	.119	-.395
90	1347	-.150	.045	.061	-.327
90	1348	-.377	.096	-.043	-.761
90	1349	-.273	.113	.040	-.678
90	1350	-.266	.098	.016	-.594
90	1351	-.109	.067	.132	-.358
90	1353	-.174	.062	.084	-.417
90	1354	-.053	.056	.194	-.275
90	1355	-.056	.054	.188	-.261
90	1356	-.074	.052	.135	-.275
90	1357	-.087	.053	.094	-.258
90	1358	-.164	.056	.053	-.376
90	1359	-.067	.056	.131	-.297
90	1360	-.028	.047	.150	-.210
90	1361	-.024	.046	.176	-.159
90	1362	-.020	.067	.418	-.244
90	1401	-.416	.057	-.149	-.665
90	1402	-.297	.069	-.006	-.598
90	1403	.078	.104	.445	-.242
90	1404	.283	.145	.804	-.142
90	1405	.241	.151	.781	-.196
90	1406	-.388	.047	-.233	-.562
90	1407	-.220	.051	-.027	-.441
90	1408	.435	.163	1.131	-.025
90	1409	.466	.163	1.164	.038
90	1410	.269	.146	.918	-.207
90	1411	-.443	.050	-.293	-.624
90	1412	-.278	.050	-.063	-.465
90	1413	.457	.151	1.110	.033
90	1414	.473	.140	1.034	.022
90	1415	.300	.130	.824	-.127
90	1416	-.453	.050	-.296	-.686
90	1417	-.291	.046	-.102	-.529
90	1418	.454	.148	1.016	.061

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	1419	.468	.146	1.008	.078
90	1420	.260	.134	.738	-.228
90	1421	-.488	.063	-.309	-.739
90	1422	-.330	.047	-.163	-.543
90	1423	.436	.134	1.026	.053
90	1424	.446	.141	1.013	.088
90	1425	.239	.134	.896	-.149
90	1426	-.546	.064	-.349	-.767
90	1427	-.360	.052	-.184	-.554
90	1428	.415	.122	.897	.063
90	1429	.443	.128	.962	.079
90	1430	.292	.131	.875	-.128
90	1431	-.571	.078	-.335	-.979
90	1432	-.393	.059	-.201	-.622
90	1433	.348	.106	.750	.081
90	1434	.243	.123	.827	-.086
90	1435	-.290	.052	-.126	-.538
90	1436	.297	.097	.772	.029
90	1437	.237	.084	.589	.017
90	1438	.200	.084	.524	-.038
90	1439	.171	.095	.523	-.105
90	1440	-.555	.087	-.275	-.928
90	1441	-.381	.064	-.121	-.657
90	1442	.108	.056	.324	-.067
90	1443	-.033	.051	.161	-.237
90	1444	-.108	.071	.148	-.475
90	1445	-.538	.084	-.282	-.907
90	1446	-.253	.053	-.094	-.505
90	1447	.222	.090	.564	-.121
90	1448	.007	.055	.229	-.185
90	1449	-.081	.058	.146	-.288
90	1450	-.431	.079	-.216	-.831
90	1451	-.342	.153	.146	-1.051
90	1452	-.503	.090	-.225	-.908
90	1453	-.332	.060	-.134	-.615
90	1454	.229	.116	.745	-.005
90	1455	.083	.075	.394	-.158
90	1456	.031	.061	.306	-.146
90	1901	-.316	.049	-.145	-.597
90	1902	-.285	.071	.003	-.578
90	1903	.136	.118	.589	-.136
90	1904	.246	.083	.605	.026
90	1905	-.435	.063	-.260	-.741
90	1906	-.438	.071	-.212	-.841
90	2101	-.585	.248	.076	-1.970
90	2102	-.591	.233	.044	-1.813
90	2103	-.585	.097	-.275	-1.329
90	2104	-.544	.065	-.349	-.826
90	2105	-.534	.066	-.334	-.769
90	2106	-.489	.080	-.239	-.821

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	2107	-.493	.080	-.243	-.824
90	2108	-.477	.057	-.309	-.712
90	2109	-.444	.057	-.262	-.682
90	2110	-.451	.059	-.255	-.698
90	2111	-.728	.262	-.122	-2.048
90	2112	-.594	.145	-.178	-1.468
90	2113	-.546	.084	-.304	-1.043
90	2114	-.538	.074	-.343	-1.026
90	2115	-.537	.074	-.339	-1.011
90	2116	-.056	.088	.242	-.377
90	2117	-.090	.082	.189	-.398
90	2118	-.468	.106	-.093	-.893
90	2119	-.605	.125	-.250	-1.326
90	2120	-.659	.135	-.263	-1.404
90	2121	-.776	.192	-.331	-1.473
90	2201	-.241	.098	.144	-.553
90	2202	-.010	.128	.564	-.362
90	2203	.355	.199	1.092	-.603
90	2204	-.310	.080	.027	-.589
90	2205	.020	.111	.483	-.300
90	2206	.452	.196	1.054	-.649
90	2207	-.667	.206	.243	-1.497
90	2208	-.070	.101	.400	-.341
90	2209	.347	.184	.982	-.403
90	2210	-.419	.100	-.120	-.903
90	2211	.171	.124	.703	-.390
90	2212	.222	.155	.816	-.409
90	2301	.164	.190	.738	-.597
90	2302	.119	.123	.591	-.538
90	2303	.108	.119	.568	-.255
90	2304	.102	.108	.462	-.197
90	2305	.068	.103	.527	-.278
90	2306	-.155	.061	.102	-.398
90	2307	-.268	.049	-.056	-.460
90	2308	.460	.161	.953	-.173
90	2309	.438	.146	.877	-.313
90	2310	.472	.131	.965	.135
90	2311	.420	.121	.862	.106
90	2312	.294	.102	.711	.031
90	2313	.140	.072	.440	-.069
90	2314	-.084	.052	.111	-.269
90	2315	.428	.171	1.016	-.557
90	2316	.397	.131	.979	-.306
90	2317	.397	.108	.961	.098
90	2318	.362	.099	.837	.068
90	2319	.204	.085	.625	-.016
90	2320	.083	.062	.409	-.095
90	2321	-.061	.049	.199	-.278
90	2322	.203	.099	.605	-.241
90	2323	.148	.070	.455	-.056
90	2324	.151	.078	.544	-.052
90	2325	.158	.075	.497	-.038
90	2326	.024	.060	.273	-.131
90	2327	-.105	.041	.077	-.237
90	2401	-.702	.110	-.370	-1.213
90	2402	-.729	.119	-.362	-1.282
90	2403	-.325	.095	.150	-.686
90	2404	-.402	.112	.191	-.873
90	2405	-.843	.113	-.544	-1.404
90	2406	-.876	.121	-.579	-1.539
90	2407	-.363	.074	-.052	-.658
90	2408	-.414	.065	-.119	-.656
90	2409	-.724	.107	-.372	-1.258
90	2410	-.755	.112	-.368	-1.312
90	2411	-.442	.101	-.021	-.775
90	2412	-.444	.095	-.040	-.807
90	2413	-.660	.207	-.042	-1.633
90	2414	-.463	.143	-.043	-1.045
90	2415	-.152	.076	.193	-.412
90	2416	-.117	.077	.186	-.362
100	1101	-.498	.108	-.115	-.994
100	1102	-.465	.094	-.185	-1.130
100	1103	-.471	.078	-.256	-1.000
100	1104	-.470	.074	-.256	-.988
100	1105	-.458	.079	-.245	-.928
100	1106	-.452	.065	-.278	-1.107
100	1107	-.468	.067	-.282	-.933
100	1108	-.458	.064	-.282	-.860
100	1109	-.460	.062	-.270	-.823
100	1110	-.462	.062	-.285	-.821
100	1111	-.505	.085	-.275	-.962
100	1112	-.503	.075	-.285	-.855
100	1113	-.487	.061	-.313	-.750
100	1114	-.469	.059	-.294	-.803
100	1115	-.455	.056	-.289	-.667
100	1116	-.520	.080	-.285	-.965
100	1117	-.519	.074	-.301	-.916
100	1118	-.507	.067	-.328	-.839
100	1119	-.515	.069	-.324	-.821
100	1120	-.519	.068	-.332	-.988
100	1121	-.506	.065	-.331	-.877
100	1122	-.526	.068	-.295	-.902
100	1123	-.515	.064	-.297	-.799
100	1124	-.502	.063	-.272	-.752
100	1125	-.529	.080	-.309	-.970
100	1126	-.517	.076	-.301	-.917
100	1127	-.484	.066	-.278	-.764
100	1128	-.614	.095	-.337	-1.090
100	1129	-.551	.087	-.333	-.952
100	1130	-.535	.085	-.309	-.985
100	1131	-.515	.075	-.323	-.961
100	1132	-.517	.076	-.270	-.964
100	1133	-.528	.100	-.257	-.966
100	1134	-.498	.085	-.264	-.938
100	1135	-.524	.081	-.306	-.859
100	1136	-.532	.113	-.121	-1.048
100	1137	-.556	.109	-.136	-1.098
100	1138	-.632	.126	-.293	-1.304
100	1139	-.581	.111	-.263	-1.194
100	1140	-.564	.105	-.251	-1.145
100	1141	-.420	.078	-.221	-.843
100	1142	-.452	.075	-.235	-.772
100	1143	-.497	.093	-.233	-1.008
100	1144	-.457	.119	-.102	-1.133
100	1145	-.510	.107	-.154	-.993
100	1146	-.614	.100	-.238	-1.228
100	1147	-.635	.093	-.386	-1.217
100	1148	-.606	.093	-.333	-1.057
100	1149	-.389	.107	-.064	-.824
100	1150	-.359	.095	-.026	-.708
100	1151	-.393	.095	-.004	-.798
100	1152	-.303	.155	.196	-.625
100	1153	-.320	.089	.045	-.623
100	1154	-.544	.158	-.066	-1.102
100	1155	-.717	.138	-.366	-1.392
100	1156	-.775	.187	-.351	-1.638
100	1157	-.192	.069	-.061	-.479
100	1158	-.253	.075	-.025	-.590
100	1159	-.438	.123	-.065	-.981
100	1160	-.232	.045	-.011	-.384
100	1161	-.195	.062	-.027	-.442
100	1162	-.229	.071	-.021	-.543
100	1163	-.062	.148	.649	-.366
100	1164	-.142	.072	.183	-.404
100	1165	-.514	.105	.118	-.019
100	1166	-.496	.088	-.257	-.855
100	1167	-.471	.088	.185	-.455
100	1168	-.237	.048	-.021	-.445
100	1169	-.267	.054	-.014	-.505
100	1170	-.164	.064	.092	-.452
100	1171	-.140	.054	.138	-.304
100	1172	-.219	.047	-.025	-.385
100	1201	-.394	.081	.086	-.809
100	1202	-.417	.079	.120	-.822
100	1203	-.417	.069	.176	-.778
100	1204	-.431	.061	.257	-.692
100	1205	-.421	.075	.186	-.869
100	1206	-.440	.090	.194	-.951
100	1207	-.386	.077	.126	-.888
100	1208	-.400	.065	.160	-.678

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	1209	-.397	.060	-.213	-.638
100	1210	-.410	.055	-.262	-.668
100	1211	-.421	.065	-.188	-.826
100	1212	-.426	.068	-.202	-.828
100	1213	-.420	.093	-.096	-.914
100	1214	-.409	.074	-.146	-.810
100	1215	-.388	.056	-.228	-.661
100	1216	-.395	.049	-.252	-.636
100	1217	-.412	.047	-.270	-.592
100	1218	-.423	.054	-.262	-.655
100	1219	-.412	.095	-.041	-1.019
100	1220	-.424	.077	-.150	-.756
100	1221	-.403	.042	-.254	-.556
100	1222	-.420	.054	-.226	-.670
100	1223	-.419	.077	-.183	-.836
100	1224	-.407	.066	-.202	-.744
100	1225	-.393	.055	-.213	-.626
100	1226	-.396	.045	-.244	-.562
100	1227	-.410	.043	-.265	-.579
100	1228	-.441	.055	-.264	-.650
100	1229	-.423	.089	-.122	-.994
100	1230	-.424	.079	-.152	-.839
100	1231	-.462	.065	-.260	-.758
100	1232	-.425	.049	-.259	-.621
100	1233	-.430	.052	-.255	-.636
100	1234	-.451	.054	-.241	-.673
100	1235	-.433	.045	-.301	-.650
100	1236	-.427	.073	-.118	-.823
100	1237	-.421	.058	-.213	-.721
100	1238	-.415	.049	-.228	-.620
100	1239	-.432	.047	-.279	-.611
100	1240	-.447	.056	-.233	-.650
100	1241	-.511	.075	-.161	-.900
100	1242	-.465	.073	-.197	-.876
100	1243	-.511	.068	-.319	-.904
100	1244	-.408	.049	-.212	-.592
100	1245	-.418	.048	-.234	-.597
100	1246	-.436	.054	-.276	-.712
100	1247	-.527	.077	-.261	-.936
100	1248	-.498	.075	-.262	-.831
100	1249	-.433	.071	-.145	-.726
100	1250	-.380	.046	-.197	-.589
100	1251	-.388	.044	-.217	-.561
100	1252	-.397	.061	-.194	-.633
100	1253	-.506	.072	-.313	-.806
100	1254	-.530	.092	-.248	-1.124
100	1255	-.548	.081	-.324	-.929
100	1256	-.548	.081	-.331	-.922
100	1257	-.552	.080	-.340	-.943
100	1258	-.383	.096	.190	-.691
100	1259	-.341	.042	-.201	-.510
100	1260	-.313	.047	-.131	-.493
100	1261	-.294	.051	-.098	-.510
100	1262	-.550	.079	-.345	-.865
100	1263	-.575	.085	-.350	-.924
100	1264	-.588	.099	-.311	-1.015
100	1265	-.706	.134	-.335	-1.427
100	1266	-.692	.155	-.253	-1.487
100	1267	-.511	.154	-.052	-1.121
100	1268	-.309	.043	-.162	-.498
100	1269	-.301	.037	-.194	-.460
100	1270	-.248	.046	-.092	-.430
100	1271	-.236	.051	-.049	-.428
100	1272	-.497	.113	-.105	-1.231
100	1273	-.381	.095	.027	-.811
100	1274	-.314	.065	-.090	-.585
100	1275	-.320	.039	-.185	-.481
100	1276	-.290	.042	-.149	-.434
100	1277	-.245	.041	-.080	-.422
100	1278	-.230	.042	-.045	-.416
100	1279	-.327	.037	-.189	-.505
100	1280	-.294	.045	-.129	-.486
100	1281	-.243	.043	-.075	-.388
100	1301	-.762	.220	-.090	-1.681
100	1302	-.407	.122	-.010	-1.004
100	1303	-.399	.099	-.061	-.932
100	1304	-.763	.196	-.270	-1.837
100	1305	-.787	.206	-.064	-1.634
100	1306	-.434	.149	-.079	-1.111
100	1307	-.407	.113	-.052	-1.168
100	1308	-.720	.176	-.238	-1.538
100	1309	-.729	.181	-.117	-1.523
100	1310	-.485	.195	.014	-1.351
100	1311	-.495	.173	-.012	-1.445
100	1312	-.551	.204	.149	-1.388
100	1313	-.520	.195	-.036	-1.395
100	1314	-.753	.164	-.287	-1.507
100	1315	-.783	.173	-.217	-1.596
100	1316	-.570	.222	.057	-1.268
100	1317	-.466	.162	-.013	-1.269
100	1318	-.610	.226	.021	-1.567
100	1319	-.435	.134	-.044	-1.056
100	1320	-.741	.149	-.264	-1.341
100	1321	-.763	.157	-.223	-1.388
100	1322	-.576	.231	.017	-1.357
100	1323	-.440	.108	-.029	-1.170
100	1324	-.727	.139	-.353	-1.272
100	1325	-.763	.149	-.243	-1.444
100	1326	-.586	.234	.027	-1.486
100	1327	-.441	.132	-.107	-1.049
100	1328	-.425	.106	-.094	-1.081
100	1329	-.757	.187	-.121	-2.073
100	1330	-.783	.200	.048	-1.991
100	1331	-.443	.278	.176	-1.570
100	1332	-.391	.139	-.012	-.970
100	1333	-.440	.102	-.178	-1.108
100	1334	-.912	.367	.236	-2.575
100	1335	-.817	.391	.406	-2.177
100	1336	-.095	.103	.268	-.766
100	1337	-.379	.120	-.034	-.932
100	1338	-.424	.087	-.140	-.835
100	1339	-.680	.416	.509	-2.184
100	1340	-.419	.416	.426	-2.023
100	1341	-.115	.059	.083	-.715
100	1342	-.398	.117	-.111	-1.085
100	1343	-.457	.096	-.138	-.963
100	1344	-.515	.287	.369	-1.467
100	1345	-.202	.120	.262	-1.206
100	1346	-.110	.058	.124	-.343
100	1347	-.179	.047	-.006	-.349
100	1348	-.392	.104	-.047	-.905
100	1349	-.296	.095	.031	-.702
100	1350	-.302	.088	.032	-.631
100	1351	-.149	.062	.044	-.436
100	1353	-.211	.066	.012	-.493
100	1354	-.079	.057	.122	-.435
100	1355	-.070	.051	.122	-.263
100	1356	-.094	.050	.078	-.273
100	1357	-.122	.047	.051	-.347
100	1358	-.185	.051	.032	-.470
100	1359	-.087	.052	.092	-.265
100	1360	-.056	.045	.112	-.218
100	1361	-.052	.043	.200	-.198
100	1362	-.040	.060	.301	-.364
100	1401	-.433	.074	-.134	-.722
100	1402	-.293	.083	.129	-.598
100	1403	.121	.110	.457	-.174
100	1404	.260	.142	.840	-.103
100	1405	.180	.140	.663	-.312
100	1406	-.406	.058	-.228	-.646
100	1407	-.229	.052	-.011	-.420
100	1408	.457	.160	1.162	-.040
100	1409	.445	.151	1.055	.003
100	1410	.206	.132	.707	-.186
100	1411	-.460	.055	-.285	-.664
100	1412	-.292	.052	-.065	-.514
100	1413	.474	.155	.999	.083
100	1414	.454	.145	.974	.062
100	1415	.248	.127	.736	-.243
100	1416	-.476	.059	-.307	-.843

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	1417	-.312	.051	-.082	-.658
100	1418	.441	.154	.996	.031
100	1419	.422	.145	.954	.084
100	1420	.190	.119	.630	-.158
100	1421	-.495	.065	-.306	-.834
100	1422	-.337	.047	-.167	-.545
100	1423	.451	.146	1.015	.029
100	1424	.443	.142	1.046	.086
100	1425	.202	.120	.737	-.155
100	1426	-.564	.073	-.351	-.902
100	1427	-.371	.056	-.113	-.627
100	1428	.431	.126	.926	.056
100	1429	.422	.116	.865	.078
100	1430	.230	.109	.719	-.098
100	1431	-.608	.092	-.344	-1.136
100	1432	-.407	.064	-.191	-.729
100	1433	.348	.109	.891	.020
100	1434	.182	.117	.728	-.139
100	1435	-.309	.064	-.026	-.576
100	1436	.331	.117	.779	.032
100	1437	.247	.096	.620	-.019
100	1438	.192	.089	.584	-.114
100	1439	.156	.100	.588	-.134
100	1440	-.618	.101	-.338	-1.172
100	1441	-.416	.073	-.071	-.746
100	1442	.076	.059	.332	-.082
100	1443	-.070	.051	.138	-.237
100	1444	-.152	.073	.081	-.506
100	1445	-.516	.094	-.231	-.921
100	1446	-.293	.053	-.114	-.558
100	1447	.153	.086	.431	-.205
100	1448	-.022	.057	.205	-.201
100	1449	-.108	.057	.114	-.305
100	1450	-.407	.073	-.177	-.778
100	1451	-.279	.105	.059	-.971
100	1452	-.511	.101	-.183	-1.030
100	1453	-.361	.064	-.142	-.609
100	1454	.132	.088	.539	-.150
100	1455	.049	.072	.334	-.188
100	1456	.007	.065	.255	-.233
100	1901	-.309	.047	-.138	-.714
100	1902	-.346	.070	-.098	-.715
100	1903	.018	.073	.382	-.224
100	1904	.239	.094	.694	-.022
100	1905	-.468	.074	-.259	-.915
100	1906	-.474	.084	-.245	-1.037
100	2101	-.483	.249	.183	-2.366
100	2102	-.505	.211	.048	-1.697
100	2103	-.619	.119	-.304	-1.650
100	2104	-.583	.081	-.336	-.930
100	2105	-.580	.077	-.330	-.889
100	2106	-.505	.114	-.113	-1.115
100	2107	-.516	.116	-.136	-1.185
100	2108	-.509	.073	-.260	-.945
100	2109	-.461	.066	-.250	-.737
100	2110	-.465	.069	-.243	-.747
100	2111	-.680	.259	-.049	-2.361
100	2112	-.570	.140	-.149	-1.219
100	2113	-.569	.104	-.287	-1.073
100	2114	-.554	.093	-.292	-1.085
100	2115	-.558	.092	-.304	-1.100
100	2116	-.051	.095	.370	-.358
100	2117	-.088	.080	.222	-.362
100	2118	-.419	.118	-.011	-1.080
100	2119	-.625	.137	-.197	-1.471
100	2120	-.647	.152	-.142	-1.349
100	2121	-.800	.189	-.307	-1.565
100	2201	-.112	.112	.304	-.438
100	2202	.137	.142	.633	-.239
100	2203	.423	.171	.994	-.019
100	2204	-.211	.096	.230	-.507
100	2205	.137	.121	.632	-.215
100	2206	.509	.158	1.025	-.063
100	2207	-.723	.179	-.216	-1.526
100	2208	.031	.108	.485	-.271
100	2209	.470	.145	.986	.052
100	2210	-.373	.120	.158	-1.135
100	2211	.292	.128	.774	-.137
100	2212	.338	.125	.986	-.079
100	2301	-.164	.208	.604	-.790
100	2302	-.082	.194	.442	-.929
100	2303	.107	.127	.625	-.320
100	2304	.080	.106	.477	-.250
100	2305	.015	.098	.393	-.289
100	2306	-.179	.061	.060	-.446
100	2307	-.290	.054	-.117	-.568
100	2308	.250	.199	.920	-.468
100	2309	.270	.192	.921	-.505
100	2310	.435	.137	1.010	.068
100	2311	.376	.126	.944	.048
100	2312	.231	.097	.631	-.010
100	2313	.099	.071	.418	-.146
100	2314	-.116	.051	.060	-.314
100	2315	.242	.223	.861	-.674
100	2316	.239	.203	.730	-.697
100	2317	.347	.106	.752	.059
100	2318	.311	.099	.661	.031
100	2319	.134	.078	.431	-.095
100	2320	.043	.059	.305	-.156
100	2321	-.093	.048	.119	-.305
100	2322	.262	.101	.654	-.089
100	2323	.163	.082	.491	-.082
100	2324	.111	.069	.431	-.067
100	2325	.136	.071	.420	-.071
100	2326	-.019	.054	.208	-.212
100	2327	-.143	.034	-.022	-.296
100	2401	-.673	.132	-.227	-1.283
100	2402	-.701	.143	-.232	-1.430
100	2403	-.318	.101	.043	-.754
100	2404	-.350	.128	.129	-.959
100	2405	-.819	.129	-.490	-1.586
100	2406	-.850	.137	-.403	-1.712
100	2407	-.379	.079	-.085	-.661
100	2408	-.416	.080	-.146	-.831
100	2409	-.725	.121	-.393	-1.473
100	2410	-.760	.127	-.373	-1.659
100	2411	-.458	.107	.025	-.877
100	2412	-.447	.098	-.068	-.821
100	2413	-.623	.178	-.129	-1.492
100	2414	-.454	.108	-.112	-.919
100	2415	-.208	.061	.036	-.496
100	2416	-.173	.055	.114	-.351
110	1101	-.449	.131	.016	-1.032
110	1102	-.500	.138	.076	-1.217
110	1103	-.529	.122	-.114	-1.142
110	1104	-.524	.116	-.184	-1.145
110	1105	-.509	.128	-.101	-1.088
110	1106	-.492	.107	-.212	-1.125
110	1107	-.476	.115	-.182	-1.174
110	1108	-.457	.095	-.207	-1.120
110	1109	-.455	.090	-.233	-1.092
110	1110	-.455	.088	-.223	-1.056
110	1111	-.491	.104	-.116	-1.111
110	1112	-.483	.091	-.098	-1.113
110	1113	-.472	.078	-.141	-1.159
110	1114	-.452	.073	-.197	-.977
110	1115	-.432	.069	-.233	-.771
110	1116	-.490	.098	-.157	-.944
110	1117	-.501	.092	-.055	-.892
110	1118	-.474	.077	-.128	-.811
110	1119	-.465	.081	-.079	-.955
110	1120	-.539	.087	-.270	-.864
110	1121	-.523	.081	-.280	-.906
110	1122	-.491	.079	-.285	-.962
110	1123	-.482	.077	-.280	-.855
110	1124	-.468	.074	-.258	-.816
110	1125	-.488	.086	-.236	-.834
110	1126	-.476	.082	-.213	-.850
110	1127	-.502	.082	-.258	-.837
110	1128	-.563	.103	-.147	-1.063

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	1129	-.583	.107	-.160	-1.159
110	1130	-.579	.107	-.286	-1.222
110	1131	-.536	.101	-.266	-1.195
110	1132	-.533	.102	-.239	-1.198
110	1133	-.472	.105	-.167	-1.010
110	1134	-.471	.086	-.190	-.890
110	1135	-.522	.100	-.219	-.893
110	1136	-.497	.123	-.092	-1.182
110	1137	-.525	.131	-.014	-1.187
110	1138	-.715	.175	-.212	-1.561
110	1139	-.632	.150	-.273	-1.493
110	1140	-.609	.139	-.259	-1.407
110	1141	-.372	.069	-.149	-.676
110	1142	-.408	.073	-.182	-.731
110	1143	-.463	.101	-.186	-.907
110	1144	-.387	.123	.184	-.888
110	1145	-.449	.114	.156	-.885
110	1146	-.551	.098	-.273	-.983
110	1147	-.581	.094	-.305	-1.011
110	1148	-.555	.093	-.286	-.990
110	1149	-.343	.105	-.020	-.916
110	1150	-.325	.092	-.026	-.673
110	1151	-.365	.097	-.016	-.857
110	1152	-.207	.152	.287	-.707
110	1153	-.248	.090	.260	-.561
110	1154	-.460	.152	.138	-1.093
110	1155	-.668	.149	-.255	-1.399
110	1156	-.756	.197	-.286	-1.591
110	1157	-.193	.072	.078	-.441
110	1158	-.243	.077	.024	-.562
110	1159	-.441	.138	-.103	-1.157
110	1160	-.221	.047	-.011	-.371
110	1161	-.216	.061	.021	-.473
110	1162	-.231	.072	.009	-.559
110	1163	.026	.152	.783	-.454
110	1164	-.151	.064	.353	-.361
110	1165	-.471	.101	-.159	-1.055
110	1166	-.442	.087	-.192	-.908
110	1167	-.418	.093	-.093	-.913
110	1168	-.224	.050	-.029	-.415
110	1169	-.244	.054	-.049	-.475
110	1170	-.188	.056	.005	-.500
110	1171	-.137	.054	.124	-.311
110	1172	-.229	.045	-.079	-.404
110	1201	-.409	.098	-.115	-.885
110	1202	-.430	.091	-.143	-.898
110	1203	-.413	.070	-.208	-.805
110	1204	-.422	.076	-.189	-.790
110	1205	-.424	.101	-.178	-1.156
110	1206	-.420	.111	-.122	-1.128
110	1207	-.399	.093	-.102	-.906
110	1208	-.404	.085	-.113	-.916
110	1209	-.387	.065	-.168	-.720
110	1210	-.400	.066	-.226	-.737
110	1211	-.416	.088	-.189	-.935
110	1212	-.422	.094	-.195	-1.042
110	1213	-.439	.111	-.077	-.890
110	1214	-.397	.086	-.127	-.748
110	1215	-.376	.061	-.208	-.657
110	1216	-.383	.050	-.221	-.628
110	1217	-.406	.066	-.205	-.808
110	1218	-.417	.076	-.184	-.826
110	1219	-.418	.115	.006	-.945
110	1220	-.417	.091	-.110	-.961
110	1221	-.396	.059	-.231	-.756
110	1222	-.407	.069	-.138	-.755
110	1223	-.431	.098	-.161	-.896
110	1224	-.406	.083	-.169	-.777
110	1225	-.378	.061	-.191	-.702
110	1226	-.380	.049	-.244	-.583
110	1227	-.409	.061	-.221	-.730
110	1228	-.425	.066	-.195	-.949
110	1229	-.417	.115	-.073	-.977
110	1230	-.410	.101	-.122	-.909
110	1231	-.436	.075	-.219	-.942
110	1232	-.415	.059	-.208	-.663
110	1233	-.425	.065	-.218	-.727
110	1234	-.444	.069	-.208	-.732
110	1235	-.406	.061	-.231	-.683
110	1236	-.398	.095	-.150	-.949
110	1237	-.385	.066	-.193	-.732
110	1238	-.382	.055	-.226	-.583
110	1239	-.417	.060	-.243	-.679
110	1240	-.426	.062	-.241	-.699
110	1241	-.480	.099	-.158	-.938
110	1242	-.414	.085	-.132	-.797
110	1243	-.455	.069	-.223	-.751
110	1244	-.369	.050	-.192	-.569
110	1245	-.401	.056	-.204	-.616
110	1246	-.410	.063	-.218	-.703
110	1247	-.486	.080	-.210	-.847
110	1248	-.469	.096	-.182	-.990
110	1249	-.372	.070	-.096	-.795
110	1250	-.357	.050	-.213	-.596
110	1251	-.365	.049	-.223	-.580
110	1252	-.349	.058	-.171	-.599
110	1253	-.465	.080	-.227	-.890
110	1254	-.498	.108	-.231	-1.074
110	1255	-.511	.084	-.270	-1.032
110	1256	-.515	.085	-.294	-1.052
110	1257	-.516	.087	-.290	-1.114
110	1258	-.332	.092	.043	-.655
110	1259	-.316	.045	-.179	-.542
110	1260	-.286	.051	-.109	-.495
110	1261	-.262	.057	-.060	-.634
110	1262	-.536	.092	-.277	-1.140
110	1263	-.562	.099	-.287	-1.194
110	1264	-.580	.112	-.263	-1.093
110	1265	-.692	.145	-.314	-1.492
110	1266	-.655	.155	-.136	-1.619
110	1267	-.496	.145	-.074	-1.154
110	1268	-.291	.045	-.122	-.614
110	1269	-.271	.038	-.110	-.440
110	1270	-.216	.046	-.048	-.389
110	1271	-.203	.050	-.020	-.381
110	1272	-.464	.108	-.203	-1.185
110	1273	-.384	.094	-.070	-.904
110	1274	-.317	.069	-.069	-.634
110	1275	-.291	.044	-.063	-.432
110	1276	-.274	.044	-.115	-.445
110	1277	-.234	.043	-.054	-.384
110	1278	-.216	.044	-.045	-.378
110	1279	-.298	.039	-.175	-.469
110	1280	-.270	.045	-.087	-.473
110	1281	-.235	.044	-.001	-.382
110	1301	-.636	.187	-.219	-1.589
110	1302	-.504	.134	-.055	-1.179
110	1303	-.472	.131	.000	-1.033
110	1304	-.639	.193	-.228	-1.494
110	1305	-.652	.188	-.176	-1.744
110	1306	-.514	.139	-.012	-1.434
110	1307	-.480	.143	-.033	-1.456
110	1308	-.613	.175	-.217	-1.407
110	1309	-.623	.180	-.207	-1.574
110	1310	-.520	.167	.101	-1.291
110	1311	-.577	.194	.008	-1.544
110	1312	-.590	.186	.017	-1.501
110	1313	-.593	.218	.006	-1.804
110	1314	-.656	.166	-.223	-1.481
110	1315	-.682	.174	-.220	-1.534
110	1316	-.607	.192	.036	-1.492
110	1317	-.534	.190	.119	-1.481
110	1318	-.633	.180	-.050	-1.642
110	1319	-.476	.158	.040	-1.193
110	1320	-.689	.163	-.296	-1.427
110	1321	-.708	.169	-.258	-1.511
110	1322	-.638	.194	-.042	-1.553
110	1323	-.467	.151	-.055	-1.264
110	1324	-.679	.145	-.268	-1.305
110	1325	-.700	.145	-.345	-1.333

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	1326	-.644	.191	-.087	-1.521
110	1327	-.476	.147	-.042	-1.168
110	1328	-.432	.140	-.005	-1.141
110	1329	-.746	.169	-.194	-1.664
110	1330	-.769	.176	-.128	-1.856
110	1331	-.567	.247	.073	-1.451
110	1332	-.438	.145	-.027	-1.116
110	1333	-.461	.123	-.042	-1.310
110	1334	-.974	.340	.168	-3.019
110	1335	-.885	.336	.364	-2.155
110	1336	-.171	.149	.179	-1.003
110	1337	-.415	.129	-.023	-.956
110	1338	-.449	.110	-.094	-1.035
110	1339	-.725	.371	.286	-2.067
110	1340	-.544	.405	.225	-1.863
110	1341	-.173	.083	.020	-.707
110	1342	-.451	.134	-.129	-1.027
110	1343	-.480	.112	-.154	-1.109
110	1344	-.482	.272	.288	-1.495
110	1345	-.188	.120	.216	-1.149
110	1346	-.128	.055	.113	-.333
110	1347	-.198	.048	-.019	-.403
110	1348	-.394	.120	-.020	-.888
110	1349	-.287	.077	-.055	-.658
110	1350	-.296	.072	.021	-.593
110	1351	-.165	.061	.079	-.379
110	1353	-.226	.061	.007	-.449
110	1354	-.110	.062	.106	-.451
110	1355	-.096	.054	.116	-.312
110	1356	-.109	.044	.051	-.292
110	1357	-.136	.042	.029	-.284
110	1358	-.192	.043	-.030	-.362
110	1359	-.098	.053	.091	-.325
110	1360	-.081	.046	.105	-.267
110	1361	-.073	.041	.104	-.215
110	1362	-.050	.052	.349	-.252
110	1401	-.391	.098	-.034	-.914
110	1402	-.238	.098	.205	-.604
110	1403	.147	.114	.567	-.163
110	1404	.229	.135	.873	-.185
110	1405	.167	.137	.802	-.199
110	1406	-.378	.072	-.142	-.807
110	1407	-.218	.068	.075	-.523
110	1408	.477	.167	1.001	.028
110	1409	.448	.155	1.001	-.013
110	1410	.207	.130	.615	-.230
110	1411	-.428	.069	-.200	-.780
110	1412	-.273	.064	.006	-.684
110	1413	.450	.165	1.079	.002
110	1414	.445	.150	1.045	.032
110	1415	-.240	.131	-.759	-.157
110	1416	-.441	.070	-.204	-.777
110	1417	-.302	.067	-.063	-.654
110	1418	.455	.152	1.069	.042
110	1419	.448	.152	1.077	.018
110	1420	.202	.127	.775	-.193
110	1421	-.502	.086	-.200	-.950
110	1422	-.345	.067	-.055	-.754
110	1423	.441	.146	.955	-.021
110	1424	.429	.146	1.048	.013
110	1425	.181	.121	.691	-.219
110	1426	-.555	.098	-.242	-1.106
110	1427	-.351	.079	-.035	-.805
110	1428	.436	.147	1.035	.043
110	1429	.409	.135	1.011	.031
110	1430	.197	.110	.662	-.166
110	1431	-.605	.113	-.215	-1.141
110	1432	-.389	.079	-.017	-.740
110	1433	.324	.114	.834	-.066
110	1434	.155	.113	.603	-.239
110	1435	-.284	.073	.000	-.573
110	1436	.291	.113	.875	-.058
110	1437	.225	.098	.756	-.058
110	1438	.173	.088	.643	-.095
110	1439	.129	.092	.595	-.140
110	1440	-.597	.132	-.186	-1.208
110	1441	-.396	.100	-.061	-.911
110	1442	.034	.058	.250	-.145
110	1443	-.090	.045	.097	-.363
110	1444	-.160	.070	.119	-.651
110	1445	-.415	.091	-.148	-1.028
110	1446	-.280	.070	-.042	-.564
110	1447	.076	.092	.472	-.243
110	1448	-.044	.059	.247	-.261
110	1449	-.121	.053	.106	-.326
110	1450	-.347	.067	-.113	-.630
110	1451	-.244	.090	.073	-.667
110	1452	-.434	.097	-.131	-.848
110	1453	-.321	.070	-.087	-.620
110	1454	.072	.071	.509	-.118
110	1455	.056	.078	.437	-.197
110	1456	.010	.069	.325	-.241
110	1901	-.296	.054	-.121	-.663
110	1902	-.298	.065	-.105	-.628
110	1903	-.019	.065	.239	-.209
110	1904	.195	.097	.631	-.060
110	1905	-.492	.093	-.247	-1.090
110	1906	-.498	.093	-.237	-.976
110	2101	-.396	.199	.130	-1.354
110	2102	-.465	.228	.051	-1.589
110	2103	-.585	.140	-.161	-1.429
110	2104	-.553	.086	-.234	-.866
110	2105	-.531	.087	-.273	-.860
110	2106	-.453	.148	.073	-1.445
110	2107	-.464	.148	.035	-1.502
110	2108	-.472	.094	-.185	-1.264
110	2109	-.425	.079	-.034	-.800
110	2110	-.425	.081	-.003	-.784
110	2111	-.490	.206	.131	-1.753
110	2112	-.458	.129	.078	-1.046
110	2113	-.557	.119	-.282	-1.319
110	2114	-.536	.101	-.254	-1.085
110	2115	-.540	.100	-.257	-1.075
110	2116	-.075	.086	.255	-.350
110	2117	-.071	.070	.212	-.310
110	2118	-.295	.111	.066	-.739
110	2119	-.594	.138	-.216	-1.326
110	2120	-.542	.167	.002	-1.228
110	2121	-.720	.222	.289	-1.394
110	2201	.016	.133	.594	-.360
110	2202	.254	.158	.770	-.226
110	2203	.372	.154	.951	-.057
110	2204	-.097	.105	.337	-.408
110	2205	.288	.136	.817	-.084
110	2206	.504	.140	1.009	.113
110	2207	-.617	.177	-.198	-1.656
110	2208	.177	.135	.800	-.184
110	2209	.456	.136	1.007	.081
110	2210	-.322	.144	.286	-.763
110	2211	.321	.121	.758	.010
110	2212	.369	.119	.844	.035
110	2301	-.348	.120	.184	-.921
110	2302	-.328	.160	.193	-.936
110	2303	.128	.168	.798	-.940
110	2304	.096	.132	.719	-.613
110	2305	.011	.109	.566	-.413
110	2306	-.168	.063	.099	-.507
110	2307	-.265	.063	-.015	-.563
110	2308	.038	.142	.582	-.568
110	2309	.045	.162	.568	-.610
110	2310	.276	.153	.833	-.368
110	2311	.245	.140	.766	-.410
110	2312	.157	.101	.549	-.551
110	2313	.063	.068	.434	-.235
110	2314	-.123	.074	.466	-.578
110	2315	-.083	.247	.646	-1.370
110	2316	.011	.254	.657	-1.190
110	2317	.302	.119	.744	-.207
110	2318	.263	.106	.690	-.160
110	2319	.091	.070	.380	-.142

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	2320	-.004	.055	.256	-.199
110	2321	-.119	.049	.143	-.335
110	2322	.258	.094	.659	-.311
110	2323	.155	.095	.497	-.153
110	2324	.067	.076	.321	-.177
110	2325	.119	.080	.470	-.112
110	2326	-.057	.053	.156	-.329
110	2327	-.162	.039	-.019	-.359
110	2401	-.633	.172	-.120	-1.551
110	2402	-.666	.185	-.112	-1.755
110	2403	-.296	.117	.067	-.833
110	2404	-.299	.120	.086	-.849
110	2405	-.857	.207	.173	-2.137
110	2406	-.869	.195	.147	-1.811
110	2407	-.406	.099	.002	-.786
110	2408	-.430	.113	.042	-.900
110	2409	-.672	.151	-.169	-1.949
110	2410	-.701	.159	-.058	-1.817
110	2411	-.420	.109	-.084	-.885
110	2412	-.405	.098	-.041	-.832
110	2413	-.510	.143	-.137	-1.200
110	2414	-.402	.094	-.115	-.844
110	2415	-.199	.055	.018	-.397
110	2416	-.163	.049	.021	-.343
120	1101	-.293	.144	.325	-.934
120	1102	-.280	.355	1.550	-1.010
120	1103	-.566	.189	.194	-1.356
120	1104	-.583	.188	.109	-1.576
120	1105	-.439	.165	.093	-1.101
120	1106	-.581	.216	.018	-2.021
120	1107	-.586	.202	-.024	-1.831
120	1108	-.482	.146	.075	-1.178
120	1109	-.482	.136	-.130	-1.200
120	1110	-.480	.134	-.143	-1.166
120	1111	-.430	.114	-.001	-.984
120	1112	-.434	.106	.021	-1.002
120	1113	-.460	.105	-.008	-1.136
120	1114	-.431	.095	-.139	-1.337
120	1115	-.414	.087	-.141	-.825
120	1116	-.402	.097	-.099	-1.043
120	1117	-.436	.113	.024	-1.249
120	1118	-.423	.100	.103	-1.135
120	1119	-.377	.086	-.051	-.772
120	1120	-.456	.109	.010	-1.042
120	1121	-.447	.102	.083	-.925
120	1122	-.462	.106	.002	-1.287
120	1123	-.453	.101	-.205	-1.194
120	1124	-.434	.097	-.211	-1.158
120	1125	-.376	.090	-.065	-.984
120	1126	-.375	.091	.000	-.850

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	1127	-.408	.100	-.114	-.873
120	1128	-.459	.125	.006	-.921
120	1129	-.464	.132	.185	-.984
120	1130	-.527	.133	-.011	-1.092
120	1131	-.501	.122	-.193	-1.259
120	1132	-.495	.121	-.178	-1.129
120	1133	-.356	.081	-.088	-.771
120	1134	-.366	.085	-.061	-.737
120	1135	-.415	.104	-.069	-.943
120	1136	-.354	.119	.125	-.812
120	1137	-.351	.136	.143	-.860
120	1138	-.620	.193	.085	-1.463
120	1139	-.580	.166	-.200	-1.410
120	1140	-.553	.153	-.214	-1.358
120	1141	-.290	.060	-.107	-.645
120	1142	-.328	.072	-.082	-.681
120	1143	-.415	.120	-.081	-1.295
120	1144	-.249	.101	.198	-.677
120	1145	-.263	.123	.316	-.626
120	1146	-.404	.110	-.025	-.959
120	1147	-.448	.109	-.168	-1.097
120	1148	-.428	.106	-.148	-1.030
120	1149	-.236	.080	.008	-.694
120	1150	-.234	.077	.017	-.889
120	1151	-.274	.086	.004	-.633
120	1152	-.198	.121	.239	-.761
120	1153	-.182	.073	.227	-.417
120	1154	-.370	.134	.099	-1.099
120	1155	-.476	.138	-.153	-1.422
120	1156	-.491	.172	-.096	-1.306
120	1157	-.201	.063	.027	-.446
120	1158	-.219	.064	-.042	-.485
120	1159	-.343	.113	-.056	-.934
120	1160	-.201	.041	-.017	-.332
120	1161	-.220	.052	-.039	-.448
120	1162	-.247	.072	-.039	-.600
120	1163	-.049	.116	.470	-.386
120	1164	-.145	.051	.199	-.320
120	1165	-.324	.094	.019	-.666
120	1166	-.325	.078	-.117	-.776
120	1167	-.302	.081	-.069	-.687
120	1168	-.208	.045	-.066	-.433
120	1169	-.220	.049	-.046	-.441
120	1170	-.146	.055	.045	-.386
120	1171	-.095	.059	.223	-.276
120	1172	-.176	.050	.051	-.355
120	1201	-.379	.095	-.137	-.913
120	1202	-.395	.085	-.161	-.830
120	1203	-.386	.071	-.144	-.720
120	1204	-.378	.078	-.113	-.819

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	1205	-.370	.085	-.131	-.833
120	1206	-.363	.088	-.097	-.790
120	1207	-.382	.095	-.119	-.887
120	1208	-.368	.079	-.129	-.722
120	1209	-.362	.060	-.168	-.655
120	1210	-.366	.068	-.131	-.784
120	1211	-.373	.083	-.136	-.798
120	1212	-.373	.085	-.147	-.847
120	1213	-.412	.098	-.032	-.870
120	1214	-.379	.081	-.120	-.748
120	1215	-.349	.056	-.183	-.581
120	1216	-.361	.059	-.176	-.678
120	1217	-.395	.076	-.223	-.966
120	1218	-.408	.104	-.181	-1.336
120	1219	-.396	.109	-.087	-.960
120	1220	-.368	.080	-.123	-.763
120	1221	-.391	.094	-.195	-1.149
120	1222	-.388	.102	-.163	-1.405
120	1223	-.403	.093	-.170	-.853
120	1224	-.373	.081	-.162	-.792
120	1225	-.343	.055	-.190	-.599
120	1226	-.352	.053	-.178	-.597
120	1227	-.392	.092	-.158	-1.106
120	1228	-.391	.098	-.178	-1.034
120	1229	-.397	.118	-.087	-1.132
120	1230	-.381	.097	-.134	-.960
120	1231	-.390	.070	-.155	-.782
120	1232	-.383	.058	-.223	-.648
120	1233	-.381	.072	-.120	-.877
120	1234	-.392	.079	-.115	-.976
120	1235	-.390	.052	-.228	-.596
120	1236	-.376	.099	-.107	-.834
120	1237	-.358	.064	-.175	-.730
120	1238	-.371	.056	-.202	-.576
120	1239	-.375	.068	-.172	-.792
120	1240	-.371	.070	-.170	-.711
120	1241	-.402	.102	-.098	-.965
120	1242	-.365	.084	-.107	-.802
120	1243	-.371	.065	-.187	-.729
120	1244	-.346	.052	-.202	-.540
120	1245	-.341	.055	-.167	-.557
120	1246	-.344	.064	-.165	-.613
120	1247	-.412	.081	-.158	-.779
120	1248	-.397	.086	-.063	-.816
120	1249	-.309	.054	-.102	-.602
120	1250	-.312	.043	-.176	-.484
120	1251	-.299	.046	-.138	-.457
120	1252	-.284	.053	-.115	-.489
120	1253	-.406	.078	-.197	-.771
120	1254	-.448	.104	-.208	-.963

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	1255	-.446	.082	-.257	-.936
120	1256	-.446	.084	-.247	-.978
120	1257	-.454	.089	-.246	-.948
120	1258	-.283	.070	-.057	-.572
120	1259	-.264	.043	-.113	-.460
120	1260	-.210	.047	-.038	-.419
120	1261	-.191	.045	-.035	-.378
120	1262	-.457	.086	-.241	-.894
120	1263	-.475	.092	-.251	-.942
120	1264	-.487	.104	-.223	-.973
120	1265	-.566	.130	-.276	-1.214
120	1266	-.552	.136	-.180	-1.230
120	1267	-.418	.114	-.086	-.863
120	1268	-.247	.042	-.114	-.435
120	1269	-.232	.037	-.119	-.420
120	1270	-.185	.043	-.037	-.365
120	1271	-.176	.047	-.010	-.362
120	1272	-.409	.100	-.155	-1.085
120	1273	-.374	.092	-.087	-.854
120	1274	-.306	.073	-.056	-.773
120	1275	-.229	.042	-.027	-.408
120	1276	-.225	.042	-.072	-.396
120	1277	-.206	.038	-.041	-.366
120	1278	-.195	.038	-.048	-.335
120	1279	-.260	.040	-.145	-.485
120	1280	-.236	.042	-.076	-.422
120	1281	-.214	.039	-.092	-.390
120	1301	-.504	.133	-.184	-1.307
120	1302	-.479	.125	-.077	-1.125
120	1303	-.470	.136	-.071	-1.235
120	1304	-.484	.128	-.131	-1.283
120	1305	-.514	.143	-.223	-1.433
120	1306	-.505	.132	-.083	-1.137
120	1307	-.507	.155	-.057	-1.484
120	1308	-.506	.146	-.110	-1.336
120	1309	-.510	.150	-.185	-1.669
120	1310	-.507	.154	-.064	-1.268
120	1311	-.566	.187	-.065	-1.470
120	1312	-.543	.165	-.081	-1.498
120	1313	-.573	.209	-.033	-1.555
120	1314	-.568	.172	-.203	-1.624
120	1315	-.589	.176	-.215	-1.706
120	1316	-.550	.170	.062	-1.436
120	1317	-.527	.176	-.016	-1.357
120	1318	-.573	.169	-.061	-1.577
120	1319	-.473	.154	.009	-1.123
120	1320	-.602	.171	-.186	-1.689
120	1321	-.616	.175	-.163	-1.575
120	1322	-.578	.174	-.012	-1.423
120	1323	-.459	.155	-.042	-1.250
120	1324	-.608	.157	-.215	-1.583
120	1325	-.651	.161	-.202	-1.630
120	1326	-.604	.175	-.119	-1.630
120	1327	-.462	.144	-.056	-1.097
120	1328	-.420	.155	-.002	-1.164
120	1329	-.678	.153	-.281	-1.513
120	1330	-.688	.156	-.286	-1.556
120	1331	-.595	.186	-.032	-1.376
120	1332	-.430	.131	-.055	-.986
120	1333	-.436	.124	-.072	-1.287
120	1334	-.875	.296	-.079	-2.480
120	1335	-.844	.277	.093	-2.159
120	1336	-.238	.155	.161	-.921
120	1337	-.375	.105	-.018	-.768
120	1338	-.400	.099	-.061	-.984
120	1339	-.661	.312	.515	-2.064
120	1340	-.523	.314	.323	-1.779
120	1341	-.213	.095	.028	-.805
120	1342	-.414	.113	-.061	-.894
120	1343	-.432	.098	-.118	-.864
120	1344	-.419	.237	.374	-1.628
120	1345	-.186	.097	.102	-.821
120	1346	-.144	.052	.034	-.440
120	1347	-.195	.047	-.019	-.397
120	1348	-.348	.099	.021	-.806
120	1349	-.257	.070	-.047	-.574
120	1350	-.257	.067	-.017	-.514
120	1351	-.179	.053	.099	-.424
120	1353	-.244	.053	-.034	-.449
120	1354	-.130	.058	.070	-.420
120	1355	-.102	.055	.099	-.370
120	1356	-.112	.042	.042	-.270
120	1357	-.137	.039	.012	-.286
120	1358	-.193	.042	-.025	-.358
120	1359	-.112	.052	.072	-.306
120	1360	-.099	.042	.099	-.256
120	1361	-.083	.039	.083	-.227
120	1362	-.045	.048	.302	-.195
120	1401	-.323	.138	.214	-.891
120	1402	-.148	.133	.402	-.585
120	1403	.225	.134	.677	-.138
120	1404	.269	.138	.807	-.158
120	1405	.196	.128	.658	-.284
120	1406	-.351	.097	-.089	-.913
120	1407	-.186	.084	.231	-.622
120	1408	.470	.180	1.034	-.154
120	1409	.432	.163	.925	-.161
120	1410	.200	.128	.618	-.278
120	1411	-.396	.085	-.106	-.796
120	1412	-.253	.083	.110	-.629
120	1413	.457	.166	1.198	-.115
120	1414	.434	.155	1.026	-.207
120	1415	.241	.131	.730	-.429
120	1416	-.402	.086	-.089	-.810
120	1417	-.282	.084	.038	-.636
120	1418	.413	.153	.995	-.045
120	1419	.458	.165	1.084	-.069
120	1420	.224	.142	.889	-.307
120	1421	-.443	.102	-.108	-.937
120	1422	-.301	.088	.085	-.684
120	1423	.394	.140	.933	-.119
120	1424	.421	.149	.988	-.065
120	1425	.189	.128	.710	-.282
120	1426	-.458	.128	-.105	-1.010
120	1427	-.279	.104	.080	-.781
120	1428	.393	.147	1.096	-.036
120	1429	.387	.139	1.019	-.097
120	1430	.190	.113	.732	-.270
120	1431	-.457	.134	-.061	-.992
120	1432	-.270	.098	.099	-.653
120	1433	.279	.121	.780	-.143
120	1434	.120	.112	.516	-.302
120	1435	-.203	.089	.184	-.560
120	1436	.207	.109	.633	-.187
120	1437	.175	.104	.604	-.117
120	1438	.139	.097	.462	-.173
120	1439	.096	.094	.587	-.272
120	1440	-.391	.126	-.055	-1.014
120	1441	-.253	.101	.041	-.678
120	1442	-.008	.055	.225	-.192
120	1443	-.093	.047	.086	-.272
120	1444	-.162	.071	.112	-.448
120	1445	-.288	.077	-.048	-.597
120	1446	-.188	.071	.072	-.518
120	1447	.034	.085	.420	-.554
120	1448	-.063	.054	.155	-.260
120	1449	-.114	.051	.121	-.310
120	1450	-.236	.069	-.008	-.525
120	1451	-.165	.096	.137	-.645
120	1452	-.295	.089	.002	-.704
120	1453	-.221	.068	.067	-.525
120	1454	.040	.064	.385	-.184
120	1455	.041	.069	.350	-.198
120	1456	-.010	.059	.253	-.224
120	1901	-.289	.067	-.126	-.638
120	1902	-.190	.055	.083	-.399
120	1903	-.027	.066	.353	-.245
120	1904	.169	.105	.783	-.079
120	1905	-.469	.112	-.169	-1.184
120	1906	-.469	.088	-.213	-.972

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	2101	-.338	.184	.129	-1.093
120	2102	-.380	.222	.157	-1.682
120	2103	-.502	.192	.094	-1.520
120	2104	-.480	.118	.048	-1.033
120	2105	-.465	.118	-.089	-1.005
120	2106	-.408	.195	.162	-1.521
120	2107	-.411	.181	.145	-1.590
120	2108	-.447	.134	-.074	-1.335
120	2109	-.380	.101	.004	-.811
120	2110	-.379	.104	.035	-.796
120	2111	-.234	.163	.302	-1.235
120	2112	-.256	.153	.242	-.901
120	2113	-.503	.164	.148	-1.289
120	2114	-.514	.143	-.022	-1.509
120	2115	-.518	.142	-.041	-1.520
120	2116	-.067	.071	.230	-.302
120	2117	-.062	.062	.184	-.257
120	2118	-.175	.106	.155	-.693
120	2119	-.512	.174	-.080	-1.319
120	2120	-.426	.147	.041	-1.136
120	2121	-.522	.212	.159	-1.472
120	2201	.112	.154	.803	-.447
120	2202	.327	.183	1.070	-.270
120	2203	.311	.145	.933	-.424
120	2204	-.057	.114	.437	-.588
120	2205	.274	.159	1.004	-.385
120	2206	.412	.136	.905	-.270
120	2207	-.510	.150	-.213	-1.442
120	2208	.187	.152	.864	-.385
120	2209	.376	.133	.907	-.304
120	2210	-.259	.162	.630	-.856
120	2211	.186	.144	.746	-.402
120	2212	.233	.142	.750	-.306
120	2301	-.343	.134	.082	-1.230
120	2302	-.369	.143	.119	-1.196
120	2303	.112	.214	.957	-.747
120	2304	.134	.165	.781	-.513
120	2305	.064	.143	.600	-.406
120	2306	-.145	.064	.105	-.398
120	2307	-.241	.072	.024	-.508
120	2308	-.099	.132	.338	-1.124
120	2309	-.096	.132	.432	-.816
120	2310	.072	.164	.696	-.508
120	2311	.078	.174	.663	-.735
120	2312	.082	.144	.757	-.592
120	2313	.049	.078	.439	-.432
120	2314	-.102	.102	.658	-.688
120	2315	-.280	.209	.398	-1.203
120	2316	-.251	.227	.377	-1.362
120	2317	.155	.159	.786	-.518
120	2318	.159	.152	.845	-.509
120	2319	.055	.100	.511	-.426
120	2320	-.019	.059	.254	-.336
120	2321	-.103	.067	.269	-.532
120	2322	.161	.120	.676	-.429
120	2323	.112	.104	.535	-.240
120	2324	.046	.064	.385	-.194
120	2325	.086	.072	.398	-.144
120	2326	-.073	.051	.093	-.291
120	2327	-.140	.041	-.011	-.304
120	2401	-.606	.254	.070	-2.390
120	2402	-.572	.224	.013	-1.538
120	2403	-.328	.139	.102	-1.016
120	2404	-.308	.136	.170	-.916
120	2405	-.780	.263	.243	-2.354
120	2406	-.728	.238	.216	-1.857
120	2407	-.359	.114	.102	-.781
120	2408	-.370	.130	.146	-.916
120	2409	-.513	.185	.120	-1.608
120	2410	-.527	.187	.034	-1.569
120	2411	-.290	.104	.072	-.753
120	2412	-.280	.100	.043	-.676
120	2413	-.311	.109	.011	-.786
120	2414	-.294	.093	.007	-.825
120	2415	-.137	.047	.025	-.315
120	2416	-.113	.045	.045	-.291
130	1101	-.211	.115	.492	-.835
130	1102	-.204	.151	.390	-.886
130	1103	-.347	.239	.353	-1.362
130	1104	-.431	.254	.409	-1.806
130	1105	-.253	.137	.182	-.839
130	1106	-.491	.267	.091	-1.754
130	1107	-.422	.228	.083	-1.755
130	1108	-.315	.161	.181	-.954
130	1109	-.382	.160	.103	-1.226
130	1110	-.370	.152	.095	-1.141
130	1111	-.233	.108	.501	-.771
130	1112	-.223	.131	.521	-.812
130	1113	-.302	.166	.427	-1.043
130	1114	-.344	.153	.063	-1.183
130	1115	-.335	.141	.131	-.896
130	1116	-.323	.099	.023	-.954
130	1117	-.238	.108	.262	-.745
130	1118	-.202	.129	.522	-.704
130	1119	-.285	.078	.093	-.586
130	1120	-.262	.116	.439	-.716
130	1121	-.228	.137	.496	-.792
130	1122	-.275	.177	.339	-1.075
130	1123	-.339	.165	.137	-1.274
130	1124	-.325	.153	.177	-1.309
130	1125	-.278	.067	.174	-.607
130	1126	-.275	.080	.309	-.604
130	1127	-.332	.123	.137	-1.057
130	1128	-.216	.117	.448	-.643
130	1129	-.200	.144	.477	-.775
130	1130	-.280	.188	.531	-1.013
130	1131	-.334	.167	.122	-1.088
130	1132	-.325	.161	.145	-1.056
130	1133	-.251	.066	.042	-.634
130	1134	-.259	.070	.110	-.539
130	1135	-.303	.102	.258	-.936
130	1136	-.217	.095	.345	-.683
130	1137	-.200	.110	.482	-.724
130	1138	-.261	.140	.190	-1.027
130	1139	-.319	.146	.079	-1.041
130	1140	-.315	.137	.096	-1.147
130	1141	-.227	.053	.022	-.519
130	1142	-.243	.060	.089	-.561
130	1143	-.272	.078	.152	-.704
130	1144	-.200	.065	-.007	-.717
130	1145	-.210	.071	.226	-.485
130	1146	-.244	.081	.090	-.776
130	1147	-.293	.087	.027	-.714
130	1148	-.288	.089	.049	-.732
130	1149	-.195	.046	-.039	-.424
130	1150	-.195	.045	.000	-.376
130	1151	-.225	.054	-.040	-.482
130	1152	-.167	.057	.036	-.410
130	1153	-.158	.047	.128	-.365
130	1154	-.245	.078	.046	-.687
130	1155	-.259	.074	.003	-.782
130	1156	-.235	.076	.026	-.803
130	1157	-.184	.044	-.002	-.372
130	1158	-.185	.042	-.052	-.386
130	1159	-.209	.055	-.045	-.553
130	1160	-.181	.037	-.039	-.318
130	1161	-.177	.038	-.051	-.355
130	1162	-.193	.048	-.042	-.409
130	1163	-.130	.060	.152	-.335
130	1164	-.142	.039	.014	-.295
130	1165	-.214	.065	.048	-.538
130	1166	-.235	.065	-.071	-.594
130	1167	-.231	.066	-.045	-.569
130	1168	-.184	.034	-.061	-.317
130	1169	-.187	.038	-.061	-.337
130	1170	-.129	.045	.024	-.318
130	1171	-.119	.043	.073	-.262
130	1172	-.138	.039	.046	-.277
130	1201	-.309	.096	-.022	-.898
130	1202	-.321	.088	-.039	-.785

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1203	-.316	.085	-.007	-.688
130	1204	-.292	.074	-.103	-.682
130	1205	-.303	.082	-.069	-.840
130	1206	-.287	.077	-.078	-.706
130	1207	-.311	.091	-.060	-.707
130	1208	-.303	.080	-.077	-.707
130	1209	-.294	.072	-.088	-.687
130	1210	-.288	.070	-.114	-.699
130	1211	-.295	.069	-.075	-.622
130	1212	-.292	.069	-.072	-.591
130	1213	-.319	.095	-.007	-.964
130	1214	-.300	.077	-.054	-.749
130	1215	-.281	.056	-.116	-.497
130	1216	-.290	.057	-.119	-.556
130	1217	-.303	.069	-.137	-.672
130	1218	-.305	.081	-.101	-.926
130	1219	-.315	.106	-.021	-.797
130	1220	-.292	.077	-.061	-.737
130	1221	-.301	.083	-.080	-1.072
130	1222	-.296	.086	-.083	-1.229
130	1223	-.316	.090	-.109	-.744
130	1224	-.295	.074	-.116	-.667
130	1225	-.273	.053	-.108	-.485
130	1226	-.283	.053	-.122	-.569
130	1227	-.303	.084	-.114	-.950
130	1228	-.305	.084	-.109	-1.002
130	1229	-.313	.102	-.033	-1.054
130	1230	-.300	.085	-.072	-.889
130	1231	-.303	.063	-.132	-.577
130	1232	-.311	.061	-.093	-.558
130	1233	-.308	.072	-.078	-.722
130	1234	-.316	.079	-.085	-.857
130	1235	-.306	.056	-.163	-.542
130	1236	-.295	.085	-.075	-.739
130	1237	-.282	.058	-.101	-.532
130	1238	-.299	.061	-.135	-.556
130	1239	-.293	.061	-.139	-.625
130	1240	-.290	.061	-.098	-.563
130	1241	-.302	.088	-.074	-.707
130	1242	-.276	.066	-.046	-.584
130	1243	-.273	.051	-.141	-.504
130	1244	-.273	.048	-.119	-.532
130	1245	-.269	.051	-.088	-.692
130	1246	-.259	.054	-.096	-.551
130	1247	-.297	.074	-.085	-.603
130	1248	-.298	.067	-.119	-.597
130	1249	-.241	.044	-.113	-.423
130	1250	-.249	.039	-.124	-.405
130	1251	-.234	.041	-.091	-.431
130	1252	-.216	.046	-.046	-.496

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1253	-.319	.079	-.116	-.713
130	1254	-.330	.080	-.111	-.957
130	1255	-.336	.082	-.140	-.773
130	1256	-.342	.084	-.145	-.846
130	1257	-.341	.087	-.141	-.788
130	1258	-.224	.049	.001	-.407
130	1259	-.220	.038	-.051	-.375
130	1260	-.192	.040	.022	-.370
130	1261	-.179	.040	.024	-.367
130	1262	-.349	.085	-.134	-.735
130	1263	-.362	.092	-.143	-.778
130	1264	-.361	.100	-.143	-.935
130	1265	-.368	.098	-.138	-.959
130	1266	-.366	.102	-.099	-1.119
130	1267	-.305	.083	-.018	-.697
130	1268	-.213	.041	-.027	-.381
130	1269	-.196	.033	-.070	-.317
130	1270	-.175	.035	-.021	-.327
130	1271	-.170	.037	-.016	-.305
130	1272	-.336	.076	-.140	-.762
130	1273	-.327	.077	-.122	-.823
130	1274	-.293	.073	-.096	-.722
130	1275	-.171	.044	.036	-.340
130	1276	-.193	.037	-.054	-.336
130	1277	-.186	.034	-.043	-.322
130	1278	-.181	.033	-.072	-.308
130	1279	-.213	.041	-.087	-.390
130	1280	-.195	.036	-.075	-.328
130	1281	-.190	.034	-.064	-.343
130	1301	-.432	.153	.006	-1.316
130	1302	-.404	.133	-.019	-1.172
130	1303	-.396	.140	.031	-1.177
130	1304	-.446	.177	-.038	-1.687
130	1305	-.447	.167	.024	-2.255
130	1306	-.418	.140	.079	-1.337
130	1307	-.418	.161	.040	-1.387
130	1308	-.461	.185	.067	-1.821
130	1309	-.458	.200	.064	-1.710
130	1310	-.389	.163	.021	-1.219
130	1311	-.432	.179	.037	-1.631
130	1312	-.414	.162	.010	-1.191
130	1313	-.429	.189	.072	-1.418
130	1314	-.518	.204	.024	-1.906
130	1315	-.527	.207	.022	-1.899
130	1316	-.438	.165	.080	-1.230
130	1317	-.421	.169	.009	-1.276
130	1318	-.411	.167	.035	-1.187
130	1319	-.369	.140	.022	-1.081
130	1320	-.551	.208	-.061	-1.865
130	1321	-.548	.209	-.077	-1.845

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1322	-.453	.170	-.017	-1.375
130	1323	-.369	.133	.010	-1.214
130	1324	-.564	.197	-.035	-1.558
130	1325	-.574	.210	-.023	-1.980
130	1326	-.448	.186	-.002	-1.438
130	1327	-.347	.128	.147	-1.133
130	1328	-.313	.131	.121	-1.566
130	1329	-.610	.204	.116	-1.496
130	1330	-.590	.209	.125	-1.655
130	1331	-.447	.185	-.035	-1.182
130	1332	-.300	.100	-.027	-.833
130	1333	-.316	.088	-.037	-.735
130	1334	-.674	.318	.202	-2.832
130	1335	-.614	.307	.182	-1.803
130	1336	-.226	.106	.056	-.843
130	1337	-.270	.067	.003	-.593
130	1338	-.296	.064	-.026	-.737
130	1339	-.468	.268	.284	-1.756
130	1340	-.369	.228	.223	-1.646
130	1341	-.217	.075	.013	-.721
130	1342	-.302	.079	-.081	-.885
130	1343	-.324	.074	-.101	-.915
130	1344	-.354	.207	.384	-1.308
130	1345	-.229	.120	.136	-.941
130	1346	-.168	.060	.054	-.622
130	1347	-.194	.046	.005	-.437
130	1348	-.272	.060	-.017	-.584
130	1349	-.227	.065	-.046	-.597
130	1350	-.214	.064	.014	-.548
130	1351	-.156	.047	.050	-.346
130	1353	-.231	.040	-.094	-.403
130	1354	-.159	.069	.037	-.786
130	1355	-.136	.053	.045	-.433
130	1356	-.124	.045	.071	-.279
130	1357	-.143	.040	.061	-.305
130	1358	-.186	.037	-.055	-.331
130	1359	-.133	.052	.075	-.470
130	1360	-.120	.047	.128	-.355
130	1361	-.089	.045	.126	-.246
130	1362	-.046	.055	.199	-.222
130	1401	-.195	.163	.455	-.901
130	1402	-.084	.159	.580	-.608
130	1403	.131	.189	.709	-.437
130	1404	.207	.221	.826	-.578
130	1405	.136	.216	.784	-.700
130	1406	-.249	.106	.138	-.748
130	1407	-.168	.100	.194	-.620
130	1408	.253	.275	1.166	-.544
130	1409	.263	.263	1.063	-.531
130	1410	.092	.209	.848	-.670

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1411	-.278	.117	.144	-.702
130	1412	-.176	.098	.184	-.583
130	1413	.215	.244	1.165	-.477
130	1414	.230	.240	.958	-.615
130	1415	.094	.201	.767	-.700
130	1416	-.260	.123	.115	-.727
130	1417	-.171	.099	.149	-.590
130	1418	.217	.209	.944	-.371
130	1419	.254	.239	1.087	-.437
130	1420	.087	.195	.776	-.533
130	1421	-.257	.129	.162	-.872
130	1422	-.173	.098	.194	-.600
130	1423	.185	.202	1.168	-.468
130	1424	.221	.235	1.170	-.454
130	1425	.059	.193	.891	-.599
130	1426	-.290	.124	.040	-.897
130	1427	-.173	.098	.199	-.676
130	1428	.204	.198	.795	-.420
130	1429	.219	.204	.882	-.501
130	1430	.087	.165	.743	-.557
130	1431	-.280	.113	-.007	-.744
130	1432	-.181	.084	.054	-.544
130	1433	.099	.166	.674	-.925
130	1434	.005	.146	.592	-.685
130	1435	-.138	.073	.099	-.428
130	1436	.054	.124	.516	-.384
130	1437	.021	.126	.484	-.412
130	1438	.010	.118	.460	-.439
130	1439	-.025	.122	.408	-.665
130	1440	-.242	.089	.023	-.689
130	1441	-.176	.073	.050	-.543
130	1442	-.089	.077	.206	-.436
130	1443	-.135	.064	.101	-.578
130	1444	-.192	.077	.071	-.784
130	1445	-.201	.067	-.014	-.482
130	1446	-.149	.058	.047	-.431
130	1447	-.054	.094	.328	-.460
130	1448	-.115	.061	.118	-.421
130	1449	-.133	.053	.037	-.409
130	1450	-.153	.058	.021	-.353
130	1451	-.106	.073	.164	-.408
130	1452	-.195	.071	-.019	-.522
130	1453	-.155	.057	.009	-.430
130	1454	-.038	.070	.228	-.276
130	1455	-.039	.074	.295	-.339
130	1456	-.077	.061	.205	-.351
130	1901	-.273	.064	-.074	-.589
130	1902	-.136	.049	.071	-.344
130	1903	-.060	.062	.200	-.307
130	1904	.001	.102	.451	-.362
130	1905	-.367	.167	.463	-.999
130	1906	-.389	.118	.188	-1.084
130	2101	-.201	.139	.227	-1.165
130	2102	-.206	.158	.210	-1.308
130	2103	-.240	.173	.371	-1.714
130	2104	-.269	.176	.305	-1.522
130	2105	-.283	.177	.215	-1.797
130	2106	-.142	.111	.246	-1.189
130	2107	-.146	.103	.282	-.938
130	2108	-.200	.145	.388	-.876
130	2109	-.252	.158	.171	-2.365
130	2110	-.250	.151	.164	-2.019
130	2111	-.114	.070	.177	-.477
130	2112	-.113	.068	.158	-.411
130	2113	-.138	.142	.453	-1.151
130	2114	-.293	.272	.470	-2.359
130	2115	-.290	.248	.406	-2.027
130	2116	-.128	.054	.100	-.334
130	2117	-.128	.049	.044	-.312
130	2118	-.141	.067	.098	-.610
130	2119	-.224	.134	.058	-1.426
130	2120	-.210	.117	.066	-.871
130	2121	-.235	.158	.181	-1.270
130	2201	-.041	.215	.854	-.882
130	2202	.078	.271	1.116	-.767
130	2203	.136	.256	.920	-1.010
130	2204	-.158	.132	.353	-.732
130	2205	-.037	.191	.681	-.680
130	2206	.101	.267	1.011	-1.093
130	2207	-.456	.184	.038	-1.784
130	2208	-.024	.181	.738	-1.013
130	2209	.136	.224	.909	-.756
130	2210	-.173	.113	.245	-.601
130	2211	-.023	.140	.571	-.644
130	2212	.003	.156	.637	-.625
130	2301	-.320	.195	.133	-1.547
130	2302	-.290	.176	.249	-1.257
130	2303	-.017	.188	.661	-.718
130	2304	-.007	.161	.596	-.680
130	2305	-.048	.145	.450	-.744
130	2306	-.122	.089	.183	-.732
130	2307	-.165	.084	.123	-.704
130	2308	-.187	.150	.334	-1.152
130	2309	-.157	.154	.333	-1.038
130	2310	.018	.149	.687	-.598
130	2311	.015	.146	.570	-.646
130	2312	-.008	.118	.577	-.803
130	2313	-.028	.103	.299	-.723
130	2314	-.100	.099	.322	-.668
130	2315	-.308	.201	.288	-1.657
130	2316	-.267	.198	.281	-1.355
130	2317	.014	.145	.718	-.491
130	2318	.004	.141	.830	-.506
130	2319	-.048	.102	.559	-.513
130	2320	-.073	.074	.197	-.447
130	2321	-.112	.073	.175	-.508
130	2322	-.027	.131	.502	-.865
130	2323	-.030	.116	.380	-.477
130	2324	-.039	.079	.237	-.360
130	2325	-.019	.086	.347	-.370
130	2326	-.119	.056	.107	-.371
130	2327	-.132	.038	.019	-.312
130	2401	-.411	.253	.149	-1.941
130	2402	-.307	.195	.209	-1.443
130	2403	-.244	.145	.183	-1.039
130	2404	-.223	.132	.211	-.934
130	2405	-.420	.257	.290	-1.813
130	2406	-.387	.243	.192	-1.775
130	2407	-.160	.093	.110	-.688
130	2408	-.145	.094	.189	-.698
130	2409	-.298	.153	.139	-1.210
130	2410	-.299	.151	.064	-1.144
130	2411	-.180	.067	.139	-.476
130	2412	-.165	.064	.052	-.442
130	2413	-.188	.083	.073	-.611
130	2414	-.192	.080	.061	-.641
130	2415	-.136	.044	.027	-.316
130	2416	-.116	.042	.026	-.277
140	1101	-.087	.173	.750	-.765
140	1102	-.112	.140	.624	-.593
140	1103	-.151	.118	.398	-.954
140	1104	-.176	.124	.326	-1.067
140	1105	-.082	.138	.665	-.498
140	1106	-.135	.116	.241	-1.145
140	1107	-.159	.119	.290	-1.017
140	1108	-.047	.160	.677	-.653
140	1109	-.112	.101	.155	-.843
140	1110	-.137	.112	.182	-.780
140	1111	.008	.177	.786	-.550
140	1112	.059	.196	.942	-.509
140	1113	.003	.182	.705	-.661
140	1114	-.100	.102	.216	-.773
140	1115	-.137	.125	.227	-.667
140	1116	-.203	.127	.453	-.856
140	1117	-.012	.176	.852	-.545
140	1118	.061	.189	.843	-.586
140	1119	-.147	.100	.301	-.524
140	1120	.044	.179	.833	-.466
140	1121	.102	.189	.861	-.552
140	1122	.043	.181	.724	-.526

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	1123	-.110	.096	.196	-.810
140	1124	-.138	.114	.221	-.703
140	1125	-.174	.071	.132	-.475
140	1126	-.127	.096	.251	-.480
140	1127	-.136	.162	.536	-1.119
140	1128	.002	.159	.902	-.416
140	1129	.113	.183	.776	-.426
140	1130	.080	.193	1.033	-.594
140	1131	-.108	.088	.124	-.634
140	1132	-.140	.117	.180	-.629
140	1133	-.166	.071	.137	-.623
140	1134	-.126	.094	.307	-.767
140	1135	-.163	.161	.522	-1.076
140	1136	.003	.146	.767	-.424
140	1137	.077	.175	.811	-.446
140	1138	.058	.187	.940	-.522
140	1139	-.124	.081	.161	-1.002
140	1140	-.150	.102	.137	-.644
140	1141	-.193	.055	.122	-.558
140	1142	-.175	.072	.230	-.651
140	1143	-.245	.149	.281	-1.250
140	1144	-.111	.074	.200	-.486
140	1145	-.097	.086	.250	-.429
140	1146	-.102	.099	.441	-.390
140	1147	-.147	.065	.067	-.483
140	1148	-.123	.074	.165	-.497
140	1149	-.209	.058	.003	-.705
140	1150	-.189	.058	.102	-.548
140	1151	-.249	.102	.110	-.797
140	1152	-.142	.049	.073	-.526
140	1153	-.109	.049	.121	-.334
140	1154	-.120	.058	.124	-.407
140	1155	-.133	.057	.074	-.434
140	1156	-.120	.059	.093	-.448
140	1157	-.205	.052	-.018	-.460
140	1158	-.180	.043	-.003	-.418
140	1159	-.209	.063	-.031	-.600
140	1160	-.184	.041	-.033	-.339
140	1161	-.150	.039	.034	-.326
140	1162	-.162	.047	.037	-.342
140	1163	-.114	.054	.169	-.258
140	1164	-.073	.061	.263	-.242
140	1165	-.086	.061	.203	-.279
140	1166	-.102	.055	.084	-.331
140	1167	-.108	.055	.079	-.344
140	1168	-.146	.046	.129	-.312
140	1169	-.140	.044	.150	-.299
140	1170	-.091	.057	.202	-.313
140	1171	-.070	.049	.150	-.203
140	1172	-.083	.045	.121	-.208

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	1201	-.252	.079	.003	-.633
140	1202	-.261	.073	-.005	-.642
140	1203	-.249	.071	.003	-.698
140	1204	-.265	.079	-.036	-.808
140	1205	-.258	.080	-.034	-.765
140	1206	-.264	.090	.042	-.834
140	1207	-.253	.074	-.010	-.715
140	1208	-.254	.065	-.038	-.658
140	1209	-.244	.062	-.036	-.560
140	1210	-.253	.070	-.051	-.719
140	1211	-.253	.071	-.020	-.661
140	1212	-.249	.069	-.018	-.617
140	1213	-.264	.067	-.036	-.698
140	1214	-.249	.057	-.049	-.524
140	1215	-.230	.044	-.080	-.473
140	1216	-.238	.056	-.056	-.527
140	1217	-.246	.061	-.036	-.576
140	1218	-.243	.067	-.033	-.576
140	1219	-.253	.069	-.016	-.572
140	1220	-.246	.051	-.081	-.509
140	1221	-.237	.064	-.044	-.719
140	1222	-.236	.074	.032	-1.089
140	1223	-.262	.059	-.100	-.596
140	1224	-.248	.051	-.106	-.511
140	1225	-.230	.042	-.075	-.386
140	1226	-.236	.052	-.015	-.478
140	1227	-.241	.069	-.041	-.726
140	1228	-.244	.076	.042	-1.289
140	1229	-.265	.069	-.046	-.704
140	1230	-.261	.060	-.087	-.569
140	1231	-.257	.048	-.065	-.493
140	1232	-.253	.061	-.072	-.586
140	1233	-.247	.070	-.023	-.649
140	1234	-.252	.072	-.018	-.701
140	1235	-.265	.042	-.152	-.619
140	1236	-.258	.059	-.077	-.907
140	1237	-.246	.046	-.105	-.468
140	1238	-.245	.055	-.069	-.548
140	1239	-.240	.061	-.040	-.690
140	1240	-.237	.056	-.041	-.527
140	1241	-.254	.054	-.079	-.563
140	1242	-.244	.050	-.062	-.509
140	1243	-.229	.040	-.013	-.506
140	1244	-.240	.049	-.075	-.498
140	1245	-.230	.052	-.027	-.545
140	1246	-.224	.051	-.049	-.525
140	1247	-.242	.054	-.065	-.528
140	1248	-.241	.049	-.098	-.576
140	1249	-.216	.040	-.063	-.398
140	1250	-.243	.052	-.098	-.623

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	1251	-.225	.050	-.081	-.493
140	1252	-.216	.052	-.059	-.494
140	1253	-.216	.057	-.076	-.638
140	1254	-.219	.049	-.066	-.495
140	1255	-.192	.052	-.008	-.651
140	1256	-.200	.052	-.024	-.675
140	1257	-.198	.050	-.053	-.665
140	1258	-.162	.044	.016	-.388
140	1259	-.251	.064	-.095	-.627
140	1260	-.238	.075	-.050	-.967
140	1261	-.232	.072	-.041	-.734
140	1262	-.195	.055	-.013	-.541
140	1263	-.199	.057	-.015	-.532
140	1264	-.206	.055	-.037	-.568
140	1265	-.180	.057	-.013	-.503
140	1266	-.178	.054	-.015	-.485
140	1267	-.178	.056	-.010	-.503
140	1268	-.147	.039	.191	-.319
140	1269	-.199	.054	-.008	-.540
140	1270	-.265	.091	-.041	-.880
140	1271	-.263	.093	-.039	-1.146
140	1272	-.180	.065	-.037	-.867
140	1273	-.176	.068	-.029	-.943
140	1274	-.156	.059	.027	-.528
140	1275	-.132	.031	-.013	-.251
140	1276	-.159	.036	.037	-.342
140	1277	-.240	.069	-.090	-.842
140	1278	-.243	.071	-.062	-.688
140	1279	-.127	.039	.054	-.298
140	1280	-.144	.036	-.003	-.281
140	1281	-.234	.064	-.036	-.649
140	1301	-.357	.126	.037	-1.147
140	1302	-.328	.114	.025	-.994
140	1303	-.318	.117	.007	-.048
140	1304	-.386	.152	-.055	-1.407
140	1305	-.377	.146	.032	-1.763
140	1306	-.322	.103	-.007	-.762
140	1307	-.314	.111	-.011	-1.142
140	1308	-.366	.135	-.021	-1.220
140	1309	-.358	.136	-.044	-1.286
140	1310	-.300	.109	.021	-.940
140	1311	-.328	.127	.020	-1.085
140	1312	-.321	.118	.120	-1.345
140	1313	-.321	.128	.070	-1.269
140	1314	-.402	.157	-.024	-1.746
140	1315	-.405	.157	-.012	-1.675
140	1316	-.325	.113	.003	-1.118
140	1317	-.307	.103	.053	-1.363
140	1318	-.315	.104	.011	-.969
140	1319	-.276	.081	-.010	-.755

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	1320	-.427	.160	-.023	-1.375
140	1321	-.417	.159	-.003	-1.431
140	1322	-.334	.116	.100	-1.051
140	1323	-.291	.085	-.047	-.858
140	1324	-.366	.139	-.067	-1.231
140	1325	-.364	.139	.075	-1.284
140	1326	-.300	.092	-.033	-1.058
140	1327	-.271	.068	.027	-.665
140	1328	-.247	.068	-.005	-.740
140	1329	-.363	.142	.056	-1.322
140	1330	-.335	.131	.046	-1.135
140	1331	-.274	.087	.080	-.990
140	1332	-.230	.063	.035	-.628
140	1333	-.248	.059	-.010	-.629
140	1334	-.325	.141	.250	-1.881
140	1335	-.325	.129	.353	-1.202
140	1336	-.222	.065	.060	-.580
140	1337	-.200	.052	.000	-.389
140	1338	-.203	.053	-.010	-.460
140	1339	-.305	.121	.073	-1.317
140	1340	-.290	.105	.019	-1.088
140	1341	-.241	.068	-.064	-.726
140	1342	-.216	.053	-.041	-.467
140	1343	-.219	.056	-.034	-.481
140	1344	-.256	.078	.041	-.764
140	1345	-.240	.076	.392	-.798
140	1346	-.217	.066	.148	-.652
140	1347	-.179	.044	-.033	-.454
140	1348	-.179	.049	.015	-.391
140	1349	-.232	.059	.258	-.568
140	1350	-.219	.060	.262	-.524
140	1351	-.182	.050	.046	-.454
140	1353	-.187	.043	-.012	-.406
140	1354	-.233	.070	-.003	-.578
140	1355	-.213	.060	.027	-.432
140	1356	-.173	.052	.058	-.396
140	1357	-.145	.041	.050	-.316
140	1358	-.159	.040	.029	-.299
140	1359	-.186	.050	-.006	-.395
140	1360	-.156	.050	.086	-.341
140	1361	-.129	.046	.095	-.286
140	1362	-.113	.049	.142	-.243
140	1401	-.178	.144	.486	-.926
140	1402	-.148	.151	.644	-.790
140	1403	-.020	.163	.607	-.436
140	1404	.008	.218	.873	-.655
140	1405	-.046	.208	.725	-.835
140	1406	-.139	.143	.206	-1.382
140	1407	-.135	.149	.343	-1.186
140	1408	.015	.193	.807	-.723
140	1409	-.015	.203	.974	-.520
140	1410	-.099	.173	.600	-.598
140	1411	-.167	.177	.241	-1.169
140	1412	-.157	.165	.216	-.981
140	1413	-.019	.190	.892	-.622
140	1414	-.027	.199	.971	-.584
140	1415	-.099	.174	.752	-.656
140	1416	-.154	.160	.285	-1.042
140	1417	-.154	.151	.233	-1.067
140	1418	-.034	.163	.685	-.496
140	1419	-.046	.180	.778	-.710
140	1420	-.122	.154	.608	-.738
140	1421	-.165	.157	.165	-.954
140	1422	-.161	.151	.159	-.904
140	1423	-.066	.150	.650	-.617
140	1424	-.080	.171	.676	-.643
140	1425	-.150	.144	.523	-.628
140	1426	-.231	.156	.155	-1.193
140	1427	-.213	.145	.121	-1.206
140	1428	-.121	.147	.592	-.666
140	1429	-.140	.153	.555	-.816
140	1430	-.174	.133	.548	-1.067
140	1431	-.226	.139	.063	-.961
140	1432	-.219	.130	.058	-1.003
140	1433	-.174	.099	.499	-.684
140	1434	-.200	.090	.257	-.774
140	1435	-.196	.106	.065	-.838
140	1436	-.146	.093	.224	-.481
140	1437	-.181	.080	.397	-.568
140	1438	-.181	.076	.388	-.580
140	1439	-.194	.075	.202	-.569
140	1440	-.221	.129	.046	-1.047
140	1441	-.205	.101	.035	-.903
140	1442	-.152	.059	.053	-.482
140	1443	-.185	.060	.056	-.480
140	1444	-.207	.061	.019	-.647
140	1445	-.171	.084	.020	-.764
140	1446	-.151	.067	.046	-.491
140	1447	-.139	.063	.141	-.398
140	1448	-.174	.054	.051	-.453
140	1449	-.177	.051	.036	-.456
140	1450	-.139	.071	.060	-.548
140	1451	-.129	.064	.153	-.396
140	1452	-.150	.058	.018	-.439
140	1453	-.150	.069	.036	-.539
140	1454	-.119	.053	.145	-.286
140	1455	-.154	.051	.031	-.328
140	1456	-.187	.051	.009	-.403
140	1901	-.155	.046	-.022	-.526
140	1902	-.088	.045	.070	-.378
140	1903	-.123	.057	.121	-.345
140	1904	-.133	.050	.142	-.291
140	1905	-.292	.133	.295	-.814
140	1906	-.297	.123	.472	-.856
140	2101	-.121	.119	.325	-.850
140	2102	-.113	.128	.433	-.953
140	2103	-.144	.136	.455	-.740
140	2104	-.176	.143	.468	-1.159
140	2105	-.187	.150	.643	-1.777
140	2106	-.040	.103	.393	-.632
140	2107	-.022	.117	.508	-.546
140	2108	-.008	.150	.681	-.475
140	2109	-.104	.129	.539	-.795
140	2110	-.142	.119	.277	-.703
140	2111	-.092	.070	.277	-.370
140	2112	-.062	.083	.422	-.360
140	2113	.033	.142	.691	-.393
140	2114	.047	.176	.776	-.843
140	2115	-.026	.154	.596	-.840
140	2116	-.117	.054	.105	-.581
140	2117	-.112	.050	.063	-.432
140	2118	-.138	.064	.047	-.524
140	2119	-.167	.072	.159	-.664
140	2120	-.152	.089	.338	-.626
140	2121	-.144	.088	.303	-.522
140	2201	-.143	.206	.624	-1.775
140	2202	-.105	.229	.865	-1.009
140	2203	-.066	.231	.744	-.897
140	2204	-.208	.165	.395	-1.160
140	2205	-.180	.176	.460	-1.214
140	2206	-.129	.206	.690	-.777
140	2207	-.375	.154	-.026	-1.441
140	2208	-.246	.228	.381	-1.566
140	2209	-.176	.153	.575	-.956
140	2210	-.146	.081	.151	-.626
140	2211	-.117	.098	.368	-.537
140	2212	-.097	.093	.447	-.517
140	2301	-.276	.179	.218	-1.399
140	2302	-.237	.155	.198	-.991
140	2303	-.095	.169	.705	-.835
140	2304	-.092	.148	.496	-.768
140	2305	-.109	.130	.439	-.924
140	2306	-.115	.110	.213	-.711
140	2307	-.126	.104	.168	-.691
140	2308	-.227	.143	.288	-1.089
140	2309	-.207	.142	.294	-.864
140	2310	-.117	.138	.469	-.675
140	2311	-.124	.137	.492	-.657
140	2312	-.128	.124	.348	-.648
140	2313	-.116	.126	.237	-.703

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	2314	-.122	.131	.275	-.701
140	2315	-.273	.152	.298	-1.215
140	2316	-.268	.148	.226	-1.221
140	2317	-.161	.113	.424	-.549
140	2318	-.175	.112	.322	-.594
140	2319	-.174	.098	.186	-.609
140	2320	-.171	.099	.128	-.668
140	2321	-.175	.102	.114	-.637
140	2322	-.156	.104	.301	-.590
140	2323	-.160	.091	.213	-.628
140	2324	-.150	.062	.060	-.389
140	2325	-.140	.066	.111	-.393
140	2326	-.194	.074	-.001	-.611
140	2327	-.181	.059	-.029	-.500
140	2401	-.155	.151	.258	-1.428
140	2402	-.135	.133	.264	-1.193
140	2403	-.147	.110	.192	-.826
140	2404	-.146	.113	.233	-.871
140	2405	-.120	.132	.267	-.829
140	2406	-.080	.135	.367	-.787
140	2407	-.138	.113	.204	-.748
140	2408	-.130	.113	.225	-.668
140	2409	-.151	.090	.133	-.956
140	2410	-.123	.101	.299	-.937
140	2411	-.201	.089	.056	-.686
140	2412	-.179	.086	.077	-.791
140	2413	-.143	.058	.017	-.394
140	2414	-.129	.058	.094	-.476
140	2415	-.144	.054	.056	-.597
140	2416	-.132	.061	.082	-.546
150	1101	.246	.236	1.067	-.395
150	1102	.181	.221	1.266	-.461
150	1103	-.036	.168	.927	-.491
150	1104	-.136	.177	.817	-.735
150	1105	.239	.210	1.022	-.343
150	1106	-.068	.102	.369	-.427
150	1107	-.212	.150	.332	-.743
150	1108	.294	.182	1.006	-.281
150	1109	-.080	.091	.257	-.432
150	1110	-.222	.140	.274	-.823
150	1111	.205	.159	.888	-.353
150	1112	.328	.188	1.090	-.428
150	1113	.287	.173	.929	-.232
150	1114	-.078	.086	.281	-.422
150	1115	-.249	.141	.224	-.909
150	1116	-.203	.128	.410	-1.229
150	1117	.158	.161	.812	-.415
150	1118	.314	.172	.911	-.291
150	1119	-.115	.076	.255	-.388
150	1120	.181	.174	.954	-.365
150	1121	.296	.187	1.029	-.282
150	1122	.305	.164	.916	-.132
150	1123	-.103	.086	.245	-.423
150	1124	-.282	.121	.122	-.848
150	1125	-.159	.065	.144	-.402
150	1126	-.079	.085	.331	-.374
150	1127	-.102	.154	.687	-.983
150	1128	.123	.154	.807	-.378
150	1129	.312	.185	.994	-.191
150	1130	.307	.185	1.097	-.268
150	1131	-.124	.083	.203	-.430
150	1132	-.294	.111	.018	-.908
150	1133	-.163	.067	.122	-.444
150	1134	-.095	.085	.244	-.492
150	1135	-.153	.167	.381	-.906
150	1136	.104	.149	.850	-.461
150	1137	.220	.170	.986	-.287
150	1138	.238	.175	1.014	-.175
150	1139	-.154	.083	.185	-.591
150	1140	-.302	.110	.027	-.798
150	1141	-.218	.070	.052	-.501
150	1142	-.164	.083	.197	-.568
150	1143	-.297	.203	.273	-1.687
150	1144	-.061	.083	.331	-.375
150	1145	.008	.087	.472	-.257
150	1146	.062	.129	.694	-.284
150	1147	-.124	.074	.168	-.454
150	1148	-.065	.075	.270	-.334
150	1149	-.233	.077	.085	-.733
150	1150	-.175	.078	.206	-.743
150	1151	-.285	.155	.218	-1.022
150	1152	-.130	.057	.132	-.380
150	1153	-.063	.056	.186	-.284
150	1154	-.039	.076	.323	-.356
150	1155	-.140	.075	.114	-.589
150	1156	-.173	.079	.071	-.668
150	1157	-.221	.074	.088	-.608
150	1158	-.175	.062	.090	-.514
150	1159	-.239	.103	.096	-.825
150	1160	-.187	.049	-.003	-.405
150	1161	-.131	.045	.107	-.304
150	1162	-.163	.060	.088	-.453
150	1163	-.051	.061	.242	-.244
150	1164	.028	.077	.456	-.192
150	1165	.025	.079	.389	-.186
150	1166	-.037	.055	.251	-.213
150	1167	-.070	.048	.160	-.297
150	1168	-.110	.057	.166	-.292
150	1169	-.109	.061	.240	-.327
150	1170	-.018	.081	.358	-.373
150	1171	.001	.063	.298	-.170
150	1172	-.037	.049	.183	-.187
150	1201	-.279	.089	-.032	-.824
150	1202	-.283	.083	-.034	-.837
150	1203	-.254	.078	-.033	-.700
150	1204	-.264	.071	.018	-.617
150	1205	-.266	.067	-.071	-.614
150	1206	-.250	.067	-.041	-.587
150	1207	-.277	.078	-.073	-.721
150	1208	-.282	.074	-.070	-.642
150	1209	-.250	.066	-.060	-.593
150	1210	-.251	.062	-.046	-.507
150	1211	-.253	.065	-.002	-.586
150	1212	-.248	.061	-.023	-.543
150	1213	-.291	.068	-.114	-.614
150	1214	-.265	.060	-.092	-.514
150	1215	-.247	.053	-.102	-.445
150	1216	-.246	.057	-.058	-.471
150	1217	-.251	.055	-.059	-.509
150	1218	-.247	.057	-.041	-.517
150	1219	-.277	.070	-.077	-.728
150	1220	-.282	.057	-.112	-.531
150	1221	-.258	.064	-.057	-1.105
150	1222	-.242	.063	-.038	-.530
150	1223	-.288	.061	-.102	-.617
150	1224	-.276	.056	-.118	-.556
150	1225	-.253	.050	-.109	-.457
150	1226	-.248	.057	-.074	-.489
150	1227	-.264	.065	-.046	-.680
150	1228	-.253	.071	-.033	-.689
150	1229	-.303	.068	-.085	-.721
150	1230	-.302	.066	-.097	-.718
150	1231	-.298	.055	-.162	-.520
150	1232	-.278	.065	-.064	-.592
150	1233	-.263	.074	-.038	-.856
150	1234	-.267	.079	-.035	-.956
150	1235	-.299	.053	-.156	-.540
150	1236	-.294	.064	-.082	-.646
150	1237	-.280	.060	-.127	-.553
150	1238	-.261	.059	-.099	-.556
150	1239	-.261	.061	-.081	-.701
150	1240	-.245	.063	-.033	-.635
150	1241	-.288	.053	-.119	-.554
150	1242	-.270	.051	-.110	-.530
150	1243	-.255	.041	-.118	-.428
150	1244	-.267	.054	-.105	-.543
150	1245	-.259	.055	-.086	-.487
150	1246	-.235	.053	-.051	-.459
150	1247	-.259	.047	-.117	-.481
150	1248	-.256	.050	-.123	-.453

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1249	-.245	.050	-.016	-.474
150	1250	-.317	.066	-.128	-.631
150	1251	-.296	.063	-.084	-.619
150	1252	-.278	.067	-.064	-.582
150	1253	-.249	.055	-.065	-.464
150	1254	-.229	.048	-.070	-.487
150	1255	-.233	.055	-.047	-.475
150	1256	-.241	.053	-.060	-.454
150	1257	-.239	.052	-.084	-.449
150	1258	-.175	.052	-.165	-.369
150	1259	-.367	.090	-.070	-.748
150	1260	-.368	.093	-.144	-.877
150	1261	-.363	.093	-.129	-.900
150	1262	-.205	.049	-.052	-.450
150	1263	-.296	.047	-.063	-.469
150	1264	-.222	.050	-.065	-.508
150	1265	-.169	.039	-.026	-.347
150	1266	-.169	.036	-.039	-.312
150	1267	-.169	.037	-.042	-.341
150	1268	-.161	.040	-.032	-.330
150	1269	-.208	.083	-.089	-.578
150	1270	-.390	.151	-.049	-1.516
150	1271	-.396	.155	-.099	-1.364
150	1272	-.161	.033	-.019	-.269
150	1273	-.152	.033	-.018	-.270
150	1274	-.148	.036	-.044	-.312
150	1275	-.136	.035	-.028	-.343
150	1276	-.150	.044	-.011	-.375
150	1277	-.283	.103	-.055	-.893
150	1278	-.284	.097	-.070	-.943
150	1279	-.100	.042	-.086	-.221
150	1280	-.123	.037	-.036	-.245
150	1281	-.266	.091	-.057	-.705
150	1301	-.344	.113	-.063	-1.161
150	1302	-.317	.103	-.015	-.940
150	1303	-.314	.108	-.002	-.977
150	1304	-.334	.114	-.061	-1.126
150	1305	-.332	.106	-.027	-.904
150	1306	-.318	.095	-.057	-.776
150	1307	-.317	.102	-.052	-.848
150	1308	-.349	.119	-.058	-1.282
150	1309	-.340	.109	-.066	-1.271
150	1310	-.300	.090	-.001	-.792
150	1311	-.319	.098	-.022	-1.255
150	1312	-.306	.082	-.028	-.848
150	1313	-.312	.089	-.028	-1.081
150	1314	-.317	.093	-.082	-.899
150	1315	-.325	.094	-.092	-.868
150	1316	-.300	.074	-.036	-.611
150	1317	-.296	.068	-.051	-.656

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1318	-.321	.074	-.042	-.712
150	1319	-.308	.065	-.100	-.622
150	1320	-.320	.089	-.014	-.963
150	1321	-.320	.088	-.021	-.877
150	1322	-.301	.069	-.015	-.662
150	1323	-.299	.061	-.050	-.551
150	1324	-.309	.082	-.002	-.963
150	1325	-.306	.078	-.066	-.769
150	1326	-.318	.070	-.063	-.686
150	1327	-.307	.064	-.124	-.642
150	1328	-.290	.067	-.088	-.676
150	1329	-.307	.068	-.068	-.725
150	1330	-.287	.066	-.043	-.701
150	1331	-.293	.058	-.047	-.587
150	1332	-.253	.059	-.010	-.499
150	1333	-.265	.062	-.082	-.550
150	1334	-.285	.076	-.117	-.978
150	1335	-.306	.076	-.133	-.853
150	1336	-.254	.051	-.026	-.450
150	1337	-.208	.051	-.045	-.420
150	1338	-.215	.062	-.031	-.620
150	1339	-.282	.071	-.061	-1.118
150	1340	-.284	.067	-.065	-.901
150	1341	-.286	.054	-.068	-.568
150	1342	-.238	.059	-.068	-.659
150	1343	-.246	.070	-.071	-.833
150	1344	-.250	.053	-.076	-.547
150	1345	-.255	.056	-.028	-.547
150	1346	-.263	.059	-.006	-.601
150	1347	-.216	.060	-.025	-.581
150	1348	-.188	.048	-.045	-.494
150	1349	-.261	.049	-.075	-.721
150	1350	-.245	.048	-.062	-.592
150	1351	-.227	.046	-.061	-.439
150	1353	-.224	.058	-.072	-.531
150	1354	-.278	.068	-.057	-.941
150	1355	-.263	.054	-.047	-.505
150	1356	-.217	.044	-.039	-.358
150	1357	-.169	.035	-.055	-.294
150	1358	-.178	.044	-.045	-.460
150	1359	-.234	.047	-.067	-.413
150	1360	-.197	.043	-.035	-.367
150	1361	-.167	.039	-.032	-.325
150	1362	-.150	.036	-.006	-.263
150	1401	-.344	.267	.324	-1.928
150	1402	-.225	.209	.410	-1.166
150	1403	-.061	.123	.675	-.496
150	1404	-.050	.173	.794	-.508
150	1405	-.112	.177	.797	-.879
150	1406	-.364	.234	.281	-1.429

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1407	-.343	.216	.234	-1.283
150	1408	-.113	.154	.536	-.711
150	1409	-.144	.126	.491	-.491
150	1410	-.206	.116	.325	-.668
150	1411	-.420	.244	.199	-1.743
150	1412	-.396	.238	.283	-1.706
150	1413	-.144	.141	.545	-.750
150	1414	-.150	.106	.372	-.666
150	1415	-.209	.100	.288	-.686
150	1416	-.453	.226	.234	-1.619
150	1417	-.431	.220	.216	-1.645
150	1418	-.167	.118	.333	-.661
150	1419	-.175	.095	.384	-.455
150	1420	-.226	.087	.334	-.547
150	1421	-.436	.186	.025	-1.534
150	1422	-.426	.180	.083	-1.596
150	1423	-.183	.106	.333	-.690
150	1424	-.193	.084	.326	-.559
150	1425	-.241	.079	.415	-.591
150	1426	-.418	.169	-.012	-1.109
150	1427	-.395	.166	.019	-1.243
150	1428	-.187	.094	.207	-.546
150	1429	-.220	.075	.117	-.616
150	1430	-.231	.067	.154	-.690
150	1431	-.393	.168	.024	-1.222
150	1432	-.359	.162	-.001	-1.156
150	1433	-.217	.057	.036	-.538
150	1434	-.224	.052	-.000	-.526
150	1435	-.308	.143	.019	-1.099
150	1436	-.172	.061	.052	-.396
150	1437	-.213	.049	.034	-.364
150	1438	-.206	.047	.042	-.377
150	1439	-.219	.047	-.014	-.380
150	1440	-.363	.157	-.041	-1.042
150	1441	-.299	.131	-.038	-.994
150	1442	-.171	.042	-.008	-.370
150	1443	-.200	.043	-.037	-.362
150	1444	-.220	.045	-.060	-.408
150	1445	-.271	.113	-.004	-.789
150	1446	-.210	.077	.007	-.564
150	1447	-.166	.049	.011	-.358
150	1448	-.206	.043	-.028	-.371
150	1449	-.202	.042	-.036	-.351
150	1450	-.198	.088	.026	-.693
150	1451	-.163	.065	.073	-.480
150	1452	-.190	.062	.006	-.494
150	1453	-.218	.077	.028	-.666
150	1454	-.134	.042	.014	-.275
150	1455	-.190	.042	-.003	-.334
150	1456	-.240	.046	-.059	-.410

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1901	-.165	.037	-.043	-.327
150	1902	-.057	.069	.221	-.671
150	1903	-.160	.048	.077	-.336
150	1904	-.171	.037	.024	-.287
150	1905	-.293	.145	.374	-.919
150	1906	-.137	.185	.647	-.717
150	2101	-.041	.109	.383	-.587
150	2102	.017	.122	.550	-.571
150	2103	.063	.176	.906	-.550
150	2104	.003	.220	1.004	-.977
150	2105	-.030	.221	.907	-1.055
150	2106	-.002	.091	.450	-.360
150	2107	.078	.103	.543	-.356
150	2108	.250	.159	.897	-.281
150	2109	.067	.154	.682	-.381
150	2110	-.082	.127	.515	-.620
150	2111	-.100	.071	.209	-.349
150	2112	-.029	.085	.337	-.284
150	2113	.150	.159	.763	-.272
150	2114	.200	.191	.881	-.322
150	2115	.078	.167	.699	-.466
150	2116	-.136	.071	.086	-.550
150	2117	-.122	.065	.191	-.462
150	2118	-.155	.076	.203	-.613
150	2119	-.201	.089	.272	-.595
150	2120	-.175	.132	.637	-.733
150	2121	-.188	.103	.335	-.637
150	2201	-.351	.410	.927	-2.478
150	2202	-.245	.312	.963	-1.779
150	2203	-.208	.206	.708	-1.046
150	2204	-.365	.187	.202	-1.523
150	2205	-.363	.193	.157	-1.426
150	2206	-.275	.159	.410	-1.199
150	2207	-.325	.106	-.046	-.977
150	2208	-.425	.258	.245	-2.203
150	2209	-.219	.097	.228	-.824
150	2210	-.234	.097	.103	-.685
150	2211	-.157	.068	.145	-.437
150	2212	-.157	.063	.126	-.520
150	2301	-.327	.184	.159	-1.386
150	2302	-.306	.170	.119	-1.293
150	2303	-.214	.192	.520	-1.130
150	2304	-.207	.170	.344	-.972
150	2305	-.208	.168	.272	-1.245
150	2306	-.195	.181	.238	-1.788
150	2307	-.196	.169	.175	-1.381
150	2308	-.271	.106	.021	-.977
150	2309	-.256	.101	.054	-.677
150	2310	-.213	.085	.156	-.603
150	2311	-.218	.086	.118	-.629
150	2312	-.215	.087	.089	-.668
150	2313	-.185	.097	.207	-.652
150	2314	-.189	.103	.215	-.646
150	2315	-.243	.079	.028	-1.014
150	2316	-.242	.074	.080	-.628
150	2317	-.202	.061	.142	-.403
150	2318	-.221	.064	.124	-.454
150	2319	-.202	.062	.101	-.439
150	2320	-.190	.068	.078	-.538
150	2321	-.191	.072	.087	-.532
150	2322	-.222	.069	.050	-.612
150	2323	-.194	.066	.073	-.694
150	2324	-.161	.045	.017	-.331
150	2325	-.154	.051	.114	-.349
150	2326	-.220	.063	.011	-.468
150	2327	-.194	.048	.007	-.370
150	2401	-.125	.139	.340	-.817
150	2402	-.099	.144	.381	-.979
150	2403	-.236	.147	.197	-1.562
150	2404	-.230	.143	.204	-1.347
150	2405	-.166	.097	.155	-.586
150	2406	-.103	.112	.410	-.598
150	2407	-.270	.125	.109	-.914
150	2408	-.261	.115	.110	-.807
150	2409	-.165	.076	.071	-.495
150	2410	-.137	.092	.230	-.501
150	2411	-.262	.091	.099	-.862
150	2412	-.235	.086	-.015	-.834
150	2413	-.165	.053	.007	-.359
150	2414	-.137	.059	.104	-.406
150	2415	-.176	.087	.055	-.848
150	2416	-.165	.110	.085	-1.012
160	1101	.347	.148	.932	-.090
160	1102	.297	.164	1.031	-.268
160	1103	-.187	.128	.609	-.545
160	1104	-.352	.176	.666	-.962
160	1105	.398	.161	1.087	-.227
160	1106	-.186	.092	.248	-.623
160	1107	-.419	.142	.077	-.985
160	1108	.450	.153	1.013	-.006
160	1109	-.177	.080	.164	-.518
160	1110	-.369	.113	.016	-.830
160	1111	.288	.122	.851	-.377
160	1112	.459	.153	1.027	-.052
160	1113	.426	.150	1.079	-.051
160	1114	-.152	.073	.112	-.465
160	1115	-.379	.112	.034	-.978
160	1116	-.281	.122	.229	-.941
160	1117	.228	.118	.685	-.214
160	1118	.452	.153	.983	-.071
160	1119	-.122	.063	.183	-.563
160	1120	.260	.127	.809	-.197
160	1121	.428	.148	1.025	-.070
160	1122	.433	.147	.956	-.121
160	1123	-.153	.076	.157	-.482
160	1124	-.384	.109	.007	-.891
160	1125	-.168	.061	.067	-.495
160	1126	-.071	.071	.214	-.516
160	1127	-.144	.139	.372	-.763
160	1128	.186	.131	.731	-.336
160	1129	.402	.153	.947	-.081
160	1130	.407	.154	1.449	-.071
160	1131	-.166	.076	.122	-.525
160	1132	-.403	.109	-.076	-.872
160	1133	-.169	.067	.154	-.431
160	1134	-.082	.074	.310	-.435
160	1135	-.186	.169	.460	-1.082
160	1136	.162	.130	.678	-.323
160	1137	.301	.152	.945	-.107
160	1138	.347	.157	1.131	-.109
160	1139	-.190	.085	.203	-.574
160	1140	-.425	.114	-.040	-.941
160	1141	-.257	.080	.085	-.607
160	1142	-.164	.082	.220	-.557
160	1143	-.305	.194	.317	-1.292
160	1144	-.023	.084	.495	-.499
160	1145	.079	.094	.555	-.230
160	1146	.174	.137	.780	-.241
160	1147	-.090	.091	.232	-.552
160	1148	-.018	.088	.312	-.323
160	1149	-.273	.090	.094	-.853
160	1150	-.173	.082	.173	-.574
160	1151	-.302	.172	.178	-1.619
160	1152	-.112	.064	.119	-.379
160	1153	-.036	.059	.223	-.258
160	1154	.016	.083	.396	-.225
160	1155	-.135	.084	.137	-.509
160	1156	-.212	.091	.037	-.664
160	1157	-.188	.083	.107	-.683
160	1158	-.142	.079	.121	-.554
160	1159	-.207	.123	.158	-.859
160	1160	-.183	.055	.036	-.425
160	1161	-.127	.056	.108	-.435
160	1162	-.154	.070	.067	-.475
160	1163	-.022	.068	.293	-.235
160	1164	.084	.082	.454	-.137
160	1165	.112	.090	.464	-.134
160	1166	.014	.061	.322	-.187
160	1167	-.042	.054	.212	-.266
160	1168	-.092	.063	.202	-.415

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	1169	-.111	.068	.183	-.373
160	1170	.051	.096	.452	-.305
160	1171	.049	.067	.343	-.125
160	1172	-.005	.051	.233	-.171
160	1201	-.289	.069	-.091	-.667
160	1202	-.289	.065	-.082	-.613
160	1203	-.293	.065	-.051	-.522
160	1204	-.294	.054	-.090	-.526
160	1205	-.281	.051	-.114	-.577
160	1206	-.271	.053	-.069	-.480
160	1207	-.294	.063	-.076	-.615
160	1208	-.310	.056	-.124	-.617
160	1209	-.288	.052	-.110	-.526
160	1210	-.281	.050	-.092	-.483
160	1211	-.278	.052	-.123	-.508
160	1212	-.273	.050	-.133	-.486
160	1213	-.319	.064	-.111	-.608
160	1214	-.314	.055	-.156	-.511
160	1215	-.291	.048	-.132	-.568
160	1216	-.279	.049	-.115	-.465
160	1217	-.282	.048	-.128	-.483
160	1218	-.277	.050	-.118	-.486
160	1219	-.346	.076	-.135	-.667
160	1220	-.329	.056	-.140	-.567
160	1221	-.277	.049	-.142	-.489
160	1222	-.274	.059	-.087	-.592
160	1223	-.342	.064	-.185	-.644
160	1224	-.329	.059	-.185	-.604
160	1225	-.294	.051	-.152	-.601
160	1226	-.279	.052	-.123	-.527
160	1227	-.281	.051	-.066	-.513
160	1228	-.275	.057	-.113	-.617
160	1229	-.402	.082	-.199	-.866
160	1230	-.411	.081	-.208	-.836
160	1231	-.414	.069	-.224	-.728
160	1232	-.330	.063	-.149	-.645
160	1233	-.294	.068	-.098	-.663
160	1234	-.293	.072	-.095	-.762
160	1235	-.391	.059	-.233	-.655
160	1236	-.389	.075	-.167	-.799
160	1237	-.371	.068	-.108	-.643
160	1238	-.316	.062	-.138	-.584
160	1239	-.287	.056	-.126	-.557
160	1240	-.265	.060	-.059	-.545
160	1241	-.346	.064	-.064	-.681
160	1242	-.312	.075	-.023	-.682
160	1243	-.322	.056	-.122	-.567
160	1244	-.352	.072	-.141	-.763
160	1245	-.304	.063	-.099	-.665
160	1246	-.290	.069	-.079	-.615
160	1247	-.313	.060	-.129	-.536
160	1248	-.287	.062	-.092	-.552
160	1249	-.277	.067	.006	-.514
160	1250	-.439	.094	-.211	-.895
160	1251	-.384	.085	-.169	-.896
160	1252	-.376	.096	-.105	-.919
160	1253	-.316	.074	-.047	-.613
160	1254	-.276	.064	-.075	-.578
160	1255	-.294	.073	-.050	-.619
160	1256	-.301	.067	-.069	-.606
160	1257	-.290	.061	-.096	-.607
160	1258	-.175	.064	.040	-.419
160	1259	-.511	.119	-.042	-1.065
160	1260	-.530	.129	-.195	-1.661
160	1261	-.498	.124	-.105	-1.102
160	1262	-.254	.072	-.050	-.544
160	1263	-.248	.062	-.053	-.483
160	1264	-.269	.062	-.071	-.534
160	1265	-.194	.049	-.024	-.365
160	1266	-.188	.044	-.028	-.385
160	1267	-.188	.044	-.039	-.361
160	1268	-.171	.045	-.006	-.340
160	1269	-.200	.103	.277	-.708
160	1270	-.583	.217	-.039	-1.869
160	1271	-.594	.217	-.108	-1.711
160	1272	-.181	.035	-.074	-.340
160	1273	-.163	.035	-.056	-.319
160	1274	-.159	.036	-.031	-.311
160	1275	-.141	.036	.008	-.302
160	1276	-.147	.048	.035	-.410
160	1277	-.310	.121	-.026	-.990
160	1278	-.310	.119	-.023	-1.510
160	1279	-.096	.045	.100	-.236
160	1280	-.118	.042	.027	-.276
160	1281	-.269	.106	-.037	-.946
160	1301	-.333	.080	-.100	-.719
160	1302	-.356	.090	-.017	-.796
160	1303	-.356	.096	-.042	-.777
160	1304	-.342	.078	-.107	-.729
160	1305	-.338	.080	-.054	-.724
160	1306	-.349	.082	-.088	-.803
160	1307	-.349	.087	-.097	-.815
160	1308	-.358	.097	-.070	-.900
160	1309	-.358	.094	-.114	-.864
160	1310	-.353	.086	-.043	-.796
160	1311	-.370	.091	-.123	-.816
160	1312	-.363	.085	-.127	-.741
160	1313	-.367	.088	-.121	-.859
160	1314	-.375	.112	-.068	-1.287
160	1315	-.386	.115	-.051	-1.264
160	1316	-.366	.083	-.089	-.975
160	1317	-.361	.070	-.141	-.653
160	1318	-.361	.089	-.111	-.962
160	1319	-.363	.078	-.089	-.785
160	1320	-.390	.115	-.078	-1.249
160	1321	-.389	.114	-.114	-1.375
160	1322	-.379	.089	-.102	-.792
160	1323	-.395	.079	-.143	-.705
160	1324	-.328	.103	-.083	-1.147
160	1325	-.344	.093	-.033	-1.020
160	1326	-.344	.081	-.123	-.814
160	1327	-.339	.077	-.085	-.698
160	1328	-.325	.080	-.098	-.745
160	1329	-.349	.071	-.058	-.966
160	1330	-.323	.067	-.063	-.787
160	1331	-.327	.064	-.139	-.648
160	1332	-.270	.073	-.046	-.662
160	1333	-.283	.079	-.033	-.649
160	1334	-.290	.056	-.008	-.807
160	1335	-.324	.055	-.039	-.637
160	1336	-.287	.055	-.075	-.530
160	1337	-.218	.071	-.018	-.693
160	1338	-.241	.086	-.023	-.734
160	1339	-.308	.062	-.117	-.811
160	1340	-.311	.060	-.129	-.690
160	1341	-.361	.062	-.132	-.623
160	1342	-.268	.082	-.010	-.762
160	1343	-.287	.102	.005	-.970
160	1344	-.288	.059	-.124	-.651
160	1345	-.300	.060	-.112	-.748
160	1346	-.338	.069	-.108	-.610
160	1347	-.262	.098	-.001	-.893
160	1348	-.198	.062	-.009	-.558
160	1349	-.308	.055	-.165	-.632
160	1350	-.286	.053	-.148	-.639
160	1351	-.287	.055	-.108	-.532
160	1353	-.289	.090	-.020	-.928
160	1354	-.323	.084	-.129	-.864
160	1355	-.315	.065	-.110	-.621
160	1356	-.267	.051	-.115	-.537
160	1357	-.206	.044	-.030	-.407
160	1358	-.203	.060	.002	-.608
160	1359	-.259	.047	-.092	-.451
160	1360	-.230	.042	-.084	-.386
160	1361	-.189	.043	-.036	-.392
160	1362	-.159	.034	-.024	-.287
160	1401	-.604	.273	.259	-1.899
160	1402	-.460	.264	.444	-1.301
160	1403	-.181	.160	.473	-.677
160	1404	-.068	.174	.776	-.528

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	1405	-.142	.165	.744	-.550
160	1406	-.487	.169	.080	-1.557
160	1407	-.497	.158	.052	-1.103
160	1408	-.320	.214	.627	-1.040
160	1409	-.192	.128	.609	-.609
160	1410	-.252	.106	.417	-.772
160	1411	-.512	.169	.082	-1.505
160	1412	-.530	.172	.039	-1.490
160	1413	-.365	.201	.417	-1.039
160	1414	-.200	.134	.482	-.649
160	1415	-.262	.116	.335	-.720
160	1416	-.547	.179	.086	-1.769
160	1417	-.557	.176	.055	-1.572
160	1418	-.367	.162	.248	-.949
160	1419	-.239	.104	.208	-.709
160	1420	-.291	.099	.121	-.670
160	1421	-.558	.170	-.060	-1.716
160	1422	-.574	.168	-.093	-1.658
160	1423	-.311	.133	.141	-.891
160	1424	-.244	.079	.032	-.567
160	1425	-.291	.076	-.010	-.716
160	1426	-.577	.162	-.160	-1.413
160	1427	-.573	.162	-.112	-1.497
160	1428	-.270	.111	.094	-.814
160	1429	-.281	.065	.057	-.620
160	1430	-.281	.059	-.017	-.608
160	1431	-.580	.177	-.139	-1.466
160	1432	-.569	.195	-.006	-1.564
160	1433	-.279	.053	-.051	-.482
160	1434	-.270	.051	-.020	-.475
160	1435	-.473	.181	.034	-1.308
160	1436	-.213	.063	.070	-.452
160	1437	-.264	.047	-.017	-.463
160	1438	-.244	.045	.002	-.438
160	1439	-.262	.048	-.124	-.458
160	1440	-.589	.201	-.108	-1.632
160	1441	-.474	.199	-.046	-1.452
160	1442	-.208	.041	-.069	-.381
160	1443	-.236	.042	-.093	-.396
160	1444	-.251	.046	-.115	-.438
160	1445	-.453	.142	-.036	-1.183
160	1446	-.305	.093	-.001	-.721
160	1447	-.215	.048	-.006	-.462
160	1448	-.251	.041	-.113	-.430
160	1449	-.239	.042	-.100	-.426
160	1450	-.309	.112	.010	-.806
160	1451	-.228	.076	.026	-.561
160	1452	-.259	.076	-.032	-.773
160	1453	-.318	.089	-.037	-.767
160	1454	-.166	.043	.003	-.350
160	1455	-.224	.041	-.066	-.374
160	1456	-.292	.050	-.108	-.506
160	1901	-.162	.035	-.045	-.318
160	1902	-.026	.094	.231	-.914
160	1903	-.201	.052	-.016	-.451
160	1904	-.181	.035	-.053	-.345
160	1905	-.351	.090	.111	-.706
160	1906	-.206	.161	.444	-.854
160	2101	-.090	.072	.164	-.386
160	2102	.010	.086	.350	-.363
160	2103	.184	.131	.792	-.333
160	2104	.404	.221	1.102	-.427
160	2105	.441	.251	1.419	-.386
160	2106	-.040	.070	.310	-.276
160	2107	.080	.078	.489	-.200
160	2108	.399	.134	.938	.005
160	2109	.332	.175	1.015	-.291
160	2110	.096	.168	.707	-.556
160	2111	-.129	.066	.141	-.451
160	2112	-.034	.071	.279	-.310
160	2113	.159	.127	.639	-.245
160	2114	.204	.193	.881	-.344
160	2115	.067	.180	.765	-.478
160	2116	-.138	.078	.110	-.554
160	2117	-.118	.071	.229	-.456
160	2118	-.141	.073	.208	-.577
160	2119	-.227	.100	.191	-.731
160	2120	-.227	.147	.537	-.748
160	2121	-.258	.116	.377	-.699
160	2201	-.330	.535	1.152	-2.781
160	2202	-.004	.285	.927	-1.539
160	2203	-.235	.148	.662	-.810
160	2204	-.645	.215	.049	-1.534
160	2205	-.636	.235	.253	-1.769
160	2206	-.324	.131	.318	-1.077
160	2207	-.348	.092	-.087	-.921
160	2208	-.587	.245	-.219	-1.915
160	2209	-.296	.090	-.033	-.936
160	2210	-.338	.113	.087	-.788
160	2211	-.210	.065	.024	-.440
160	2212	-.212	.059	-.030	-.525
160	2301	-.368	.121	-.048	-1.250
160	2302	-.374	.124	.020	-.976
160	2303	-.386	.164	.439	-1.318
160	2304	-.380	.152	.265	-1.124
160	2305	-.355	.138	.699	-.890
160	2306	-.360	.173	.091	-1.115
160	2307	-.351	.160	.089	-1.054
160	2308	-.349	.131	.023	-1.201
160	2309	-.334	.117	.048	-.934
160	2310	-.312	.083	.117	-.633
160	2311	-.321	.088	.128	-.663
160	2312	-.325	.096	.105	-.791
160	2313	-.272	.097	.094	-.788
160	2314	-.280	.102	.124	-1.030
160	2315	-.315	.075	-.104	-.668
160	2316	-.312	.077	-.084	-.741
160	2317	-.268	.054	-.083	-.508
160	2318	-.299	.056	-.098	-.563
160	2319	-.269	.055	-.078	-.584
160	2320	-.260	.069	.010	-.523
160	2321	-.258	.071	.033	-.532
160	2322	-.304	.079	-.098	-.692
160	2323	-.277	.082	-.044	-.731
160	2324	-.196	.041	-.016	-.369
160	2325	-.183	.047	.016	-.358
160	2326	-.309	.070	-.115	-.696
160	2327	-.266	.051	-.109	-.513
160	2401	-.184	.123	.251	-.772
160	2402	-.113	.142	.337	-.788
160	2403	-.383	.110	-.019	-.927
160	2404	-.374	.107	-.016	-.913
160	2405	-.244	.089	.077	-.722
160	2406	-.108	.114	.304	-.675
160	2407	-.369	.106	-.070	-.973
160	2408	-.363	.101	-.073	-.793
160	2409	-.226	.073	.036	-.535
160	2410	-.176	.096	.240	-.610
160	2411	-.373	.106	-.060	-.930
160	2412	-.330	.094	-.046	-.903
160	2413	-.230	.062	-.004	-.496
160	2414	-.195	.079	.123	-.479
160	2415	-.251	.142	.149	-1.156
160	2416	-.226	.150	.133	-1.397
170	1101	.355	.138	.878	-.075
170	1102	.232	.139	.790	-.146
170	1103	-.266	.079	.032	-.661
170	1104	-.492	.104	-.133	-1.053
170	1105	.366	.150	.903	-.042
170	1106	-.234	.071	-.011	-.556
170	1107	-.523	.112	-.185	-.997
170	1108	.488	.154	1.053	.041
170	1109	-.210	.066	.030	-.467
170	1110	-.466	.085	-.241	-.794
170	1111	.331	.111	.733	.013
170	1112	.495	.141	1.051	.109
170	1113	.444	.145	1.055	.047
170	1114	-.176	.062	.047	-.487
170	1115	-.469	.080	-.201	-.787
170	1116	-.213	.127	.211	-.817

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	1117	.298	.111	.700	-.019
170	1118	.525	.148	1.451	.121
170	1119	-.068	.069	.235	-.303
170	1120	.355	.123	.870	-.016
170	1121	.499	.140	1.020	.161
170	1122	.471	.147	1.056	-.027
170	1123	-.183	.068	.067	-.522
170	1124	-.478	.087	-.233	-.850
170	1125	-.113	.063	.155	-.381
170	1126	.003	.077	.299	-.306
170	1127	-.018	.151	.581	-.791
170	1128	.283	.119	.774	-.111
170	1129	.423	.140	.995	.008
170	1130	.396	.141	1.012	-.037
170	1131	-.172	.071	.053	-.584
170	1132	-.480	.090	-.193	-.978
170	1133	-.133	.078	.267	-.553
170	1134	-.018	.083	.418	-.295
170	1135	-.050	.170	.576	-.773
170	1136	.214	.123	.726	-.160
170	1137	.320	.139	.853	-.063
170	1138	.367	.143	.939	-.103
170	1139	-.189	.078	.127	-.613
170	1140	-.498	.100	-.197	-.942
170	1141	-.237	.084	.173	-.609
170	1142	-.116	.088	.386	-.464
170	1143	-.199	.182	.574	-.960
170	1144	.017	.088	.384	-.314
170	1145	.145	.095	.497	-.137
170	1146	.252	.129	.691	-.127
170	1147	-.043	.101	.344	-.435
170	1148	.036	.101	.432	-.405
170	1149	-.288	.087	.045	-.726
170	1150	-.166	.078	.214	-.559
170	1151	-.296	.158	.238	-.985
170	1152	-.092	.072	.168	-.386
170	1153	-.020	.061	.218	-.268
170	1154	.028	.091	.472	-.251
170	1155	-.113	.092	.225	-.653
170	1156	-.233	.106	.059	-.804
170	1157	-.163	.084	.176	-.506
170	1158	-.107	.084	.216	-.435
170	1159	-.164	.120	.204	-.779
170	1160	-.180	.056	.010	-.485
170	1161	-.098	.056	.096	-.359
170	1162	-.122	.068	.124	-.448
170	1163	.002	.071	.426	-.227
170	1164	.128	.092	.548	-.132
170	1165	.146	.093	.561	-.118
170	1166	.039	.072	.400	-.181
170	1167	-.029	.064	.266	-.248
170	1168	-.086	.070	.215	-.294
170	1169	-.115	.077	.194	-.433
170	1170	.091	.105	.564	-.250
170	1171	.090	.077	.477	-.094
170	1172	.031	.064	.313	-.198
170	1201	-.293	.069	-.071	-1.001
170	1202	-.299	.064	-.092	-1.125
170	1203	-.316	.058	-.113	-.596
170	1204	-.313	.055	-.128	-.556
170	1205	-.315	.052	-.110	-.562
170	1206	-.287	.056	-.087	-.520
170	1207	-.295	.061	-.123	-.883
170	1208	-.333	.053	-.175	-.634
170	1209	-.303	.051	-.101	-.491
170	1210	-.294	.053	-.126	-.529
170	1211	-.295	.052	-.136	-.549
170	1212	-.289	.050	-.141	-.533
170	1213	-.313	.050	-.160	-.513
170	1214	-.310	.041	-.165	-.487
170	1215	-.301	.044	-.175	-.556
170	1216	-.290	.051	-.129	-.573
170	1217	-.279	.046	-.116	-.502
170	1218	-.272	.047	-.105	-.489
170	1219	-.310	.049	-.133	-.576
170	1220	-.331	.043	-.206	-.510
170	1221	-.288	.050	-.122	-.532
170	1222	-.257	.053	-.072	-.500
170	1223	-.324	.042	-.193	-.523
170	1224	-.314	.040	-.183	-.518
170	1225	-.298	.044	-.163	-.451
170	1226	-.284	.050	-.141	-.464
170	1227	-.296	.052	-.110	-.509
170	1228	-.269	.054	-.113	-.482
170	1229	-.364	.056	-.212	-.655
170	1230	-.378	.067	-.196	-.779
170	1231	-.396	.068	-.233	-.806
170	1232	-.316	.057	-.175	-.546
170	1233	-.284	.060	-.086	-.571
170	1234	-.278	.062	-.105	-.570
170	1235	-.349	.033	-.244	-.476
170	1236	-.349	.053	-.185	-.582
170	1237	-.355	.065	-.163	-.767
170	1238	-.309	.058	-.113	-.588
170	1239	-.293	.056	-.111	-.540
170	1240	-.259	.058	-.033	-.562
170	1241	-.337	.058	-.044	-.549
170	1242	-.286	.061	-.020	-.498
170	1243	-.322	.062	-.079	-.684
170	1244	-.355	.072	-.103	-.716
170	1245	-.307	.067	-.102	-.637
170	1246	-.277	.068	-.023	-.617
170	1247	-.315	.059	-.125	-.544
170	1248	-.291	.063	.031	-.577
170	1249	-.260	.075	.039	-.511
170	1250	-.445	.090	-.214	-.903
170	1251	-.410	.097	-.100	-.932
170	1252	-.383	.098	-.110	-1.242
170	1253	-.352	.079	-.118	-.674
170	1254	-.315	.064	-.138	-.603
170	1255	-.353	.082	-.116	-.756
170	1256	-.356	.074	-.153	-.695
170	1257	-.333	.067	-.140	-.620
170	1258	-.154	.074	.166	-.426
170	1259	-.539	.126	-.029	-1.014
170	1260	-.540	.127	-.204	-1.168
170	1261	-.541	.128	-.234	-1.152
170	1262	-.331	.095	-.039	-.665
170	1263	-.320	.076	-.092	-.648
170	1264	-.336	.071	-.091	-.667
170	1265	-.254	.068	-.024	-.525
170	1266	-.227	.054	-.044	-.500
170	1267	-.221	.050	-.039	-.471
170	1268	-.180	.045	.004	-.364
170	1269	-.189	.108	.362	-.877
170	1270	-.628	.227	.016	-1.762
170	1271	-.641	.229	-.052	-1.774
170	1272	-.210	.039	-.071	-.394
170	1273	-.186	.038	-.058	-.341
170	1274	-.180	.040	-.052	-.366
170	1275	-.154	.039	-.013	-.295
170	1276	-.143	.050	.094	-.353
170	1277	-.305	.121	-.029	-.990
170	1278	-.311	.120	-.060	-.963
170	1279	-.090	.054	.259	-.248
170	1280	-.112	.048	.106	-.271
170	1281	-.261	.110	.024	-1.051
170	1301	-.318	.069	-.125	-.909
170	1302	-.320	.074	-.096	-.739
170	1303	-.320	.078	-.049	-.751
170	1304	-.310	.067	-.097	-.573
170	1305	-.309	.064	-.100	-.631
170	1306	-.320	.061	-.136	-.642
170	1307	-.319	.063	-.137	-.635
170	1308	-.330	.072	-.147	-.748
170	1309	-.331	.072	-.139	-.911
170	1310	-.320	.055	-.140	-.546
170	1311	-.340	.067	-.138	-.640
170	1312	-.332	.060	-.132	-.720
170	1313	-.338	.063	-.137	-.733

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	1314	-.322	.063	-.127	-.657
170	1315	-.330	.064	-.141	-.716
170	1316	-.329	.055	-.166	-.580
170	1317	-.331	.048	-.188	-.585
170	1318	-.334	.059	-.134	-.684
170	1319	-.335	.049	-.174	-.586
170	1320	-.334	.063	-.106	-.737
170	1321	-.334	.063	-.097	-.706
170	1322	-.337	.058	-.103	-.626
170	1323	-.361	.056	-.155	-.669
170	1324	-.320	.057	-.110	-.649
170	1325	-.334	.052	-.180	-.608
170	1326	-.333	.057	-.094	-.581
170	1327	-.343	.060	-.129	-.612
170	1328	-.328	.061	-.100	-.639
170	1329	-.365	.052	-.190	-.577
170	1330	-.333	.050	-.155	-.564
170	1331	-.336	.053	-.148	-.526
170	1332	-.310	.066	-.076	-.610
170	1333	-.322	.068	-.126	-.627
170	1334	-.326	.053	-.139	-.553
170	1335	-.363	.054	-.164	-.603
170	1336	-.321	.055	-.127	-.608
170	1337	-.276	.080	-.038	-.748
170	1338	-.305	.095	-.030	-.940
170	1339	-.342	.057	-.190	-.680
170	1340	-.348	.058	-.191	-.663
170	1341	+.406	.067	-.241	-.831
170	1342	-.347	.108	-.094	-1.176
170	1343	-.384	.134	-.036	-1.350
170	1344	-.329	.060	-.145	-.615
170	1345	-.333	.060	-.164	-.612
170	1346	-.363	.073	-.153	-.774
170	1347	-.344	.127	.002	-.831
170	1348	-.253	.081	-.012	-.673
170	1349	-.349	.068	-.169	-.760
170	1350	-.324	.067	-.145	-.826
170	1351	-.331	.062	-.113	-.589
170	1353	-.381	.123	-.065	-1.034
170	1354	-.380	.102	-.145	-1.118
170	1355	-.355	.079	-.139	-.719
170	1356	-.314	.061	-.099	-.661
170	1357	-.240	.056	-.030	-.505
170	1358	-.255	.083	-.038	-.658
170	1359	-.322	.066	-.145	-.598
170	1360	-.282	.051	-.119	-.502
170	1361	-.231	.053	-.034	-.442
170	1362	-.186	.041	-.006	-.335
170	1401	-.763	.178	-.328	-1.587
170	1402	-.685	.154	-.122	-1.300
170	1403	-.408	.105	.032	-.804
170	1404	-.257	.093	.209	-.632
170	1405	-.296	.086	.227	-.608
170	1406	-.628	.113	-.261	-1.268
170	1407	-.647	.112	-.343	-1.066
170	1408	-.543	.143	.273	-1.048
170	1409	-.268	.107	.209	-.767
170	1410	-.277	.082	.064	-.653
170	1411	-.639	.113	-.244	-1.269
170	1412	-.652	.115	-.244	-1.350
170	1413	-.549	.142	-.059	-1.054
170	1414	-.284	.102	.286	-.820
170	1415	-.298	.081	.223	-.822
170	1416	-.683	.120	-.274	-1.326
170	1417	-.694	.125	-.278	-1.423
170	1418	-.519	.153	-.021	-1.160
170	1419	-.290	.083	.068	-.599
170	1420	-.315	.064	-.030	-.561
170	1421	-.707	.134	-.272	-1.586
170	1422	-.735	.135	-.301	-1.386
170	1423	-.389	.145	.046	-.956
170	1424	-.279	.074	.082	-.589
170	1425	-.313	.061	-.094	-.595
170	1426	-.711	.142	-.300	-1.460
170	1427	-.719	.158	-.213	-1.554
170	1428	-.323	.125	.157	-.818
170	1429	-.332	.065	-.093	-.596
170	1430	-.320	.054	-.117	-.550
170	1431	-.718	.171	-.266	-1.842
170	1432	-.701	.205	-.128	-1.629
170	1433	-.335	.051	-.151	-.547
170	1434	-.314	.050	-.127	-.552
170	1435	-.582	.207	-.139	-1.455
170	1436	-.265	.066	-.024	-.583
170	1437	-.314	.048	-.164	-.513
170	1438	-.287	.046	-.155	-.466
170	1439	-.302	.048	-.157	-.522
170	1440	-.733	.197	-.219	-1.509
170	1441	-.587	.230	-.066	-1.648
170	1442	-.248	.044	-.103	-.420
170	1443	-.274	.044	-.118	-.445
170	1444	-.291	.048	-.123	-.489
170	1445	-.557	.155	-.127	-1.308
170	1446	-.395	.111	-.102	-.879
170	1447	-.253	.046	-.109	-.445
170	1448	-.286	.044	-.151	-.513
170	1449	-.272	.046	-.138	-.494
170	1450	-.364	.125	.075	-.877
170	1451	-.286	.077	-.019	-.600
170	1452	-.302	.075	-.104	-.591
170	1453	-.401	.093	-.148	-.980
170	1454	-.193	.048	-.041	-.383
170	1455	-.258	.047	-.111	-.461
170	1456	-.338	.062	-.169	-.626
170	1901	-.193	.041	-.051	-.367
170	1902	.025	.093	.337	-1.058
170	1903	-.266	.056	-.063	-.499
170	1904	-.219	.043	-.071	-.370
170	1905	-.393	.076	-.118	-.943
170	1906	-.381	.119	.181	-1.074
170	2101	-.126	.066	.135	-.394
170	2102	-.006	.079	.302	-.286
170	2103	.180	.111	.625	-.159
170	2104	.417	.165	.975	-.185
170	2105	.401	.184	1.157	-.203
170	2106	-.046	.065	.230	-.279
170	2107	.100	.076	.476	-.088
170	2108	.451	.125	1.032	.104
170	2109	.481	.151	1.180	.048
170	2110	.220	.138	.782	-.160
170	2111	-.128	.062	.163	-.371
170	2112	-.001	.070	.377	-.266
170	2113	.216	.126	.674	-.126
170	2114	.256	.182	.999	-.241
170	2115	.089	.176	.783	-.417
170	2116	-.144	.080	.159	-.522
170	2117	-.111	.067	.086	-.406
170	2118	-.113	.073	.161	-.443
170	2119	-.237	.105	.179	-.751
170	2120	-.245	.152	.539	-.731
170	2121	-.324	.121	.252	-.743
170	2201	-.711	.364	.595	-1.916
170	2202	-.257	.406	.504	-1.890
170	2203	-.293	.067	.045	-.538
170	2204	-.746	.172	-.237	-1.565
170	2205	-.769	.185	-.084	-1.632
170	2206	-.367	.109	-.076	-.978
170	2207	-.315	.063	-.077	-.716
170	2208	-.730	.221	-.006	-1.705
170	2209	-.343	.087	-.090	-.900
170	2210	-.441	.116	-.057	-1.081
170	2211	-.247	.058	-.012	-.489
170	2212	-.265	.058	-.005	-.528
170	2301	-.355	.062	-.131	-.592
170	2302	-.365	.063	-.144	-.598
170	2303	-.407	.088	-.084	-.760
170	2304	-.407	.083	-.114	-.840
170	2305	-.407	.089	-.065	-.811
170	2306	-.454	.127	-.070	-1.027
170	2307	-.436	.116	-.093	-1.014

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	2308	-.379	.087	-.102	-.999
170	2309	-.375	.080	-.065	-.907
170	2310	-.372	.060	-.141	-.579
170	2311	-.375	.061	-.145	-.609
170	2312	-.377	.063	-.135	-.667
170	2313	-.358	.065	-.161	-.604
170	2314	-.365	.067	-.155	-.631
170	2315	-.371	.074	-.155	-.735
170	2316	-.370	.072	-.041	-.828
170	2317	-.340	.055	-.113	-.539
170	2318	-.372	.056	-.141	-.573
170	2319	-.337	.054	-.110	-.545
170	2320	-.330	.063	-.060	-.587
170	2321	-.326	.064	-.052	-.593
170	2322	-.364	.083	-.134	-.834
170	2323	-.345	.090	-.099	-.833
170	2324	-.233	.043	-.102	-.417
170	2325	-.213	.047	-.048	-.412
170	2326	-.378	.067	-.197	-.714
170	2327	-.326	.049	-.194	-.531
170	2401	-.254	.087	.107	-.587
170	2402	-.158	.110	.390	-.630
170	2403	-.502	.098	-.176	-.935
170	2404	-.494	.095	-.180	-.917
170	2405	-.340	.067	-.087	-.589
170	2406	-.167	.097	.251	-.532
170	2407	-.475	.083	-.247	-.784
170	2408	-.468	.079	-.230	-.756
170	2409	-.290	.070	-.037	-.561
170	2410	-.225	.094	.147	-.560
170	2411	-.457	.099	-.109	-1.087
170	2412	-.405	.085	-.145	-.978
170	2413	-.296	.064	-.067	-.561
170	2414	-.264	.085	.046	-.675
170	2415	-.273	.169	.161	-1.189
170	2416	-.242	.167	.208	-1.352
180	1101	.339	.163	.912	-.104
180	1102	.243	.162	.855	-.206
180	1103	-.198	.084	.174	-.517
180	1104	-.458	.107	-.022	-.837
180	1105	.370	.183	1.093	-.137
180	1106	-.174	.079	.194	-.584
180	1107	-.470	.108	-.154	-.867
180	1108	.414	.168	1.160	-.214
180	1109	-.164	.071	.120	-.496
180	1110	-.414	.078	-.163	-.784
180	1111	.342	.143	1.016	-.136
180	1112	.480	.172	1.233	-.050
180	1113	.421	.168	1.166	-.110
180	1114	-.146	.069	.131	-.467
180	1115	-.443	.085	-.196	-.791
180	1116	-.123	.135	.396	-.686
180	1117	.266	.135	.839	-.098
180	1118	.435	.164	.989	-.028
180	1119	-.037	.085	.330	-.313
180	1120	.314	.153	.942	-.169
180	1121	.427	.175	1.119	-.020
180	1122	.372	.155	.945	-.061
180	1123	-.147	.065	.106	-.409
180	1124	-.429	.084	-.184	-.756
180	1125	-.096	.077	.283	-.354
180	1126	.014	.092	.482	-.236
180	1127	.012	.145	.589	-.634
180	1128	.240	.133	.817	-.139
180	1129	.361	.162	1.019	-.011
180	1130	.341	.159	1.027	-.054
180	1131	-.133	.071	.126	-.476
180	1132	-.444	.094	-.165	-.843
180	1133	-.109	.072	.222	-.457
180	1134	.007	.086	.462	-.302
180	1135	.001	.158	.666	-.881
180	1136	.222	.131	.764	-.125
180	1137	.309	.147	.856	-.045
180	1138	.313	.152	.942	-.057
180	1139	-.138	.072	.143	-.483
180	1140	-.442	.105	-.138	-.972
180	1141	-.192	.076	.070	-.601
180	1142	-.081	.077	.243	-.363
180	1143	-.107	.149	.433	-.853
180	1144	.039	.084	.443	-.246
180	1145	.128	.089	.505	-.133
180	1146	.206	.116	.630	-.116
180	1147	.013	.084	.329	-.407
180	1148	.073	.089	.452	-.232
180	1149	-.230	.083	.128	-.632
180	1150	-.124	.069	.249	-.449
180	1151	-.171	.130	.307	-.818
180	1152	-.073	.061	.319	-.323
180	1153	-.002	.058	.230	-.185
180	1154	.077	.081	.483	-.185
180	1155	-.099	.084	.203	-.498
180	1156	-.230	.097	.045	-.604
180	1157	-.153	.079	.209	-.638
180	1158	-.109	.078	.237	-.485
180	1159	-.163	.108	.175	-.730
180	1160	-.144	.051	.048	-.409
180	1161	-.124	.055	.105	-.321
180	1162	-.135	.071	.155	-.478
180	1163	.023	.079	.350	-.273
180	1164	.135	.098	.463	-.122
180	1165	.207	.112	.651	-.050
180	1166	.084	.086	.429	-.206
180	1167	-.005	.074	.289	-.273
180	1168	-.068	.067	.316	-.277
180	1169	-.084	.071	.323	-.317
180	1170	.109	.111	.605	-.277
180	1171	.118	.084	.565	-.095
180	1172	.080	.073	.406	-.102
180	1201	-.316	.102	-.055	-1.401
180	1202	-.303	.088	-.047	-1.224
180	1203	-.305	.075	-.061	-.726
180	1204	-.296	.065	-.069	-.619
180	1205	-.286	.063	-.064	-.613
180	1206	-.266	.062	-.029	-.533
180	1207	-.305	.085	-.091	-.830
180	1208	-.303	.080	-.095	-.954
180	1209	-.310	.066	-.075	-.724
180	1210	-.282	.064	-.067	-.628
180	1211	-.269	.060	-.074	-.647
180	1212	-.264	.060	-.068	-.607
180	1213	-.291	.069	-.106	-.772
180	1214	-.293	.059	-.107	-.670
180	1215	-.301	.058	-.103	-.832
180	1216	-.275	.069	.018	-.874
180	1217	-.263	.070	-.018	-.639
180	1218	-.257	.070	-.035	-.576
180	1219	-.318	.073	-.118	-.917
180	1220	-.296	.058	-.113	-.665
180	1221	-.260	.069	-.041	-.663
180	1222	-.253	.074	-.018	-.667
180	1223	-.310	.069	-.107	-.828
180	1224	-.301	.067	-.091	-.778
180	1225	-.307	.063	-.055	-.716
180	1226	-.280	.072	-.031	-.708
180	1227	-.264	.070	-.036	-.728
180	1228	-.262	.076	.006	-.791
180	1229	-.376	.080	-.180	-.819
180	1230	-.372	.089	-.141	-.841
180	1231	-.346	.089	-.109	-.951
180	1232	-.308	.082	-.009	-.735
180	1233	-.301	.085	-.013	-.739
180	1234	-.278	.088	-.005	-.774
180	1235	-.314	.059	-.115	-.642
180	1236	-.324	.066	-.111	-.661
180	1237	-.378	.088	-.125	-.934
180	1238	-.304	.077	-.046	-.679
180	1239	-.258	.071	-.034	-.754
180	1240	-.251	.080	.009	-.630
180	1241	-.261	.057	-.036	-.458
180	1242	-.239	.066	.056	-.467

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	1243	-.283	.071	-.055	-.647
180	1244	-.354	.095	-.035	-.858
180	1245	-.278	.080	-.043	-.759
180	1246	-.268	.084	.039	-.905
180	1247	-.253	.058	-.051	-.509
180	1248	-.217	.065	.124	-.520
180	1249	-.232	.074	.028	-.514
180	1250	-.429	.117	-.146	-1.192
180	1251	-.366	.107	-.065	-.934
180	1252	-.364	.108	-.090	-.985
180	1253	-.298	.070	-.095	-.596
180	1254	-.296	.064	-.078	-.559
180	1255	-.316	.076	-.082	-.670
180	1256	-.302	.071	-.100	-.671
180	1257	-.293	.066	-.123	-.617
180	1258	-.120	.073	.218	-.392
180	1259	-.465	.133	.039	-1.247
180	1260	-.477	.146	-.174	-1.448
180	1261	-.482	.150	-.121	-1.670
180	1262	-.285	.084	.024	-.631
180	1263	-.278	.071	-.029	-.602
180	1264	-.271	.065	-.059	-.604
180	1265	-.221	.064	.021	-.512
180	1266	-.203	.051	-.001	-.394
180	1267	-.200	.047	-.027	-.395
180	1268	-.133	.043	.084	-.302
180	1269	-.133	.091	.267	-.765
180	1270	-.487	.213	-.014	-2.193
180	1271	-.528	.219	-.080	-2.018
180	1272	-.169	.037	-.037	-.312
180	1273	-.161	.037	-.012	-.328
180	1274	-.153	.037	-.006	-.325
180	1275	-.127	.037	.029	-.299
180	1276	-.099	.049	.113	-.310
180	1277	-.240	.112	.028	-1.215
180	1278	-.235	.101	.046	-.847
180	1279	-.058	.058	.224	-.207
180	1280	-.087	.051	.159	-.264
180	1281	-.211	.103	.033	-1.033
180	1301	-.274	.072	-.068	-.584
180	1302	-.292	.076	-.061	-.826
180	1303	-.293	.079	-.056	-.848
180	1304	-.273	.065	-.065	-.749
180	1305	-.267	.064	-.068	-.557
180	1306	-.276	.060	-.085	-.659
180	1307	-.277	.061	-.089	-.712
180	1308	-.279	.057	-.131	-.685
180	1309	-.270	.053	-.133	-.491
180	1310	-.300	.050	-.150	-.556
180	1311	-.287	.048	-.147	-.546
180	1312	-.281	.042	-.159	-.453
180	1313	-.287	.044	-.160	-.536
180	1314	-.274	.049	-.121	-.487
180	1315	-.283	.050	-.125	-.515
180	1316	-.282	.044	-.124	-.484
180	1317	-.291	.043	-.153	-.466
180	1318	-.273	.042	-.144	-.417
180	1319	-.294	.044	-.157	-.530
180	1320	-.279	.046	-.143	-.496
180	1321	-.278	.046	-.150	-.507
180	1322	-.278	.043	-.136	-.468
180	1323	-.302	.046	-.134	-.505
180	1324	-.282	.047	-.144	-.513
180	1325	-.283	.045	-.142	-.528
180	1326	-.285	.042	-.164	-.443
180	1327	-.298	.047	-.147	-.545
180	1328	-.295	.049	-.155	-.552
180	1329	-.275	.050	-.103	-.515
180	1330	-.277	.049	-.128	-.505
180	1331	-.284	.051	-.114	-.486
180	1332	-.278	.053	-.135	-.579
180	1333	-.273	.054	-.132	-.551
180	1334	-.280	.059	-.110	-.620
180	1335	-.283	.059	-.112	-.636
180	1336	-.270	.058	-.105	-.582
180	1337	-.263	.070	-.062	-.579
180	1338	-.283	.084	-.047	-.741
180	1339	-.292	.066	-.117	-.654
180	1340	-.302	.068	-.133	-.666
180	1341	-.321	.070	-.146	-.690
180	1342	-.342	.095	-.080	-.828
180	1343	-.369	.115	-.067	-1.061
180	1344	-.286	.069	-.080	-.652
180	1345	-.295	.060	-.135	-.580
180	1346	-.333	.072	-.091	-.697
180	1347	-.319	.115	-.015	-.868
180	1348	-.272	.095	-.021	-.830
180	1349	-.237	.049	-.083	-.468
180	1350	-.245	.049	-.096	-.484
180	1351	-.266	.063	-.098	-.516
180	1353	-.263	.101	-.089	-.878
180	1354	-.241	.062	-.080	-.679
180	1355	-.241	.054	-.114	-.527
180	1356	-.248	.055	-.091	-.449
180	1357	-.203	.050	-.001	-.382
180	1358	-.196	.059	-.021	-.658
180	1359	-.282	.063	-.108	-.551
180	1360	-.259	.048	-.122	-.478
180	1361	-.207	.051	-.029	-.508
180	1362	-.165	.038	-.017	-.317
180	1401	-.804	.206	-.327	-1.873
180	1402	-.631	.173	-.137	-1.463
180	1403	-.407	.094	-.140	-.755
180	1404	-.288	.082	-.034	-.817
180	1405	-.283	.078	-.037	-.628
180	1406	-.631	.113	-.343	-1.332
180	1407	-.659	.116	-.334	-1.140
180	1408	-.468	.148	-.068	-1.308
180	1409	-.259	.072	-.016	-.612
180	1410	-.258	.059	-.009	-.590
180	1411	-.685	.124	-.361	-1.438
180	1412	-.687	.126	-.306	-1.338
180	1413	-.469	.164	-.068	-1.078
180	1414	-.249	.066	-.046	-.533
180	1415	-.265	.052	-.068	-.521
180	1416	-.678	.137	-.343	-1.459
180	1417	-.681	.144	-.254	-1.541
180	1418	-.392	.160	-.041	-1.045
180	1419	-.264	.065	-.031	-.636
180	1420	-.283	.054	-.095	-.553
180	1421	-.727	.153	-.295	-1.425
180	1422	-.744	.155	-.331	-1.431
180	1423	-.300	.120	-.086	-.822
180	1424	-.256	.059	-.002	-.543
180	1425	-.275	.051	-.120	-.500
180	1426	-.690	.155	-.270	-1.328
180	1427	-.691	.171	-.179	-1.366
180	1428	-.277	.096	-.017	-.652
180	1429	-.275	.053	-.097	-.502
180	1430	-.279	.049	-.119	-.507
180	1431	-.682	.199	-.147	-1.610
180	1432	-.521	.165	-.119	-1.244
180	1433	-.266	.048	-.126	-.473
180	1434	-.259	.050	-.119	-.482
180	1435	-.424	.095	-.179	-.979
180	1436	-.271	.075	-.016	-.809
180	1437	-.245	.048	-.099	-.537
180	1438	-.249	.046	-.107	-.496
180	1439	-.250	.047	-.117	-.476
180	1440	-.501	.147	-.185	-1.186
180	1441	-.431	.137	-.139	-1.341
180	1442	-.214	.043	-.082	-.404
180	1443	-.226	.045	-.101	-.421
180	1444	-.247	.051	-.103	-.472
180	1445	-.455	.134	-.103	-1.101
180	1446	-.347	.100	-.082	-.813
180	1447	-.234	.053	-.072	-.552
180	1448	-.204	.043	-.070	-.376
180	1449	-.209	.044	-.080	-.375
180	1450	-.329	.122	-.068	-.887

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	1451	-.242	.080	.059	-.573
180	1452	-.256	.078	-.025	-.701
180	1453	-.367	.090	-.135	-.742
180	1454	-.144	.041	.033	-.306
180	1455	-.191	.041	-.075	-.346
180	1456	-.211	.045	-.090	-.401
180	1901	-.174	.038	-.052	-.329
180	1902	.050	.110	.380	-.847
180	1903	-.237	.052	-.059	-.436
180	1904	-.180	.041	-.049	-.333
180	1905	-.367	.077	-.150	-.767
180	1906	-.364	.119	.016	-1.009
180	2101	-.062	.090	.403	-.414
180	2102	.051	.106	.536	-.301
180	2103	.210	.131	.673	-.226
180	2104	.357	.175	.946	-.179
180	2105	.319	.175	.901	-.322
180	2106	-.019	.080	.321	-.292
180	2107	.119	.091	.509	-.128
180	2108	.420	.143	.989	.013
180	2109	.380	.164	1.092	-.093
180	2110	.136	.159	.945	-.402
180	2111	-.083	.063	.258	-.326
180	2112	.026	.070	.347	-.170
180	2113	.217	.121	.648	-.066
180	2114	.227	.158	.838	-.221
180	2115	.065	.147	.743	-.385
180	2116	-.089	.072	.224	-.447
180	2117	-.057	.066	.196	-.403
180	2118	-.047	.068	.248	-.352
180	2119	-.178	.098	.271	-.664
180	2120	-.187	.146	.342	-.774
180	2121	-.274	.131	.194	-.723
180	2201	-.910	.312	.142	-2.614
180	2202	-.697	.395	.335	-1.969
180	2203	-.316	.067	-.079	-.949
180	2204	-.734	.214	-.177	-1.632
180	2205	-.739	.225	.041	-1.829
180	2206	-.389	.149	.052	-1.262
180	2207	-.263	.053	-.101	-.483
180	2208	-.696	.250	.147	-2.094
180	2209	-.315	.094	-.078	-1.048
180	2210	-.406	.117	-.036	-.924
180	2211	-.228	.045	-.077	-.442
180	2212	-.257	.049	-.108	-.496
180	2301	-.322	.062	-.118	-.666
180	2302	-.335	.063	-.130	-.667
180	2303	-.390	.083	-.136	-.832
180	2304	-.388	.078	-.154	-.821
180	2305	-.403	.087	-.145	-.710
180	2306	-.426	.096	-.160	-.987
180	2307	-.416	.087	-.184	-.812
180	2308	-.360	.094	-.102	-.835
180	2309	-.342	.087	-.080	-.811
180	2310	-.336	.057	-.201	-.562
180	2311	-.334	.057	-.200	-.570
180	2312	-.336	.058	-.184	-.567
180	2313	-.326	.055	-.167	-.582
180	2314	-.337	.057	-.178	-.596
180	2315	-.334	.079	-.114	-.765
180	2316	-.334	.077	-.121	-.737
180	2317	-.317	.057	-.161	-.545
180	2318	-.312	.055	-.155	-.542
180	2319	-.311	.055	-.154	-.533
180	2320	-.298	.054	-.147	-.522
180	2321	-.301	.055	-.138	-.535
180	2322	-.323	.075	-.121	-.654
180	2323	-.345	.085	-.128	-.691
180	2324	-.206	.039	-.084	-.361
180	2325	-.184	.043	-.021	-.346
180	2326	-.315	.064	-.148	-.685
180	2327	-.297	.048	-.173	-.542
180	2401	-.261	.074	.063	-.558
180	2402	-.171	.098	.214	-.581
180	2403	-.499	.100	-.207	-1.049
180	2404	-.483	.093	-.201	-.963
180	2405	-.332	.061	-.060	-.542
180	2406	-.206	.086	.219	-.538
180	2407	-.464	.100	-.022	-1.140
180	2408	-.448	.092	-.125	-.894
180	2409	-.273	.058	-.094	-.509
180	2410	-.222	.069	.066	-.568
180	2411	-.338	.094	.009	-.994
180	2412	-.313	.081	-.028	-.812
180	2413	-.244	.058	-.034	-.479
180	2414	-.189	.076	.113	-.468
180	2415	-.165	.119	.226	-.851
180	2416	-.148	.123	.290	-.879
190	1101	.360	.186	.957	-.193
190	1102	.204	.154	.785	-.223
190	1103	-.121	.087	.197	-.533
190	1104	-.359	.088	-.028	-.971
190	1105	.319	.171	1.068	-.123
190	1106	-.112	.078	.352	-.436
190	1107	-.425	.109	-.134	-.847
190	1108	.350	.171	.929	-.091
190	1109	-.116	.076	.350	-.528
190	1110	-.364	.082	-.128	-.856
190	1111	.340	.167	.924	-.107
190	1112	.431	.182	1.053	-.105
190	1113	.347	.168	.956	-.082
190	1114	-.108	.071	.152	-.429
190	1115	-.392	.093	.100	-.821
190	1116	-.032	.191	.635	-.724
190	1117	.273	.176	1.017	-.161
190	1118	.377	.174	.994	-.098
190	1119	.009	.134	.627	-.326
190	1120	.281	.152	1.037	-.124
190	1121	.337	.151	.976	-.032
190	1122	.292	.153	.883	-.105
190	1123	-.128	.072	.132	-.534
190	1124	-.392	.093	-.143	-.804
190	1125	-.062	.116	.600	-.515
190	1126	.049	.136	.862	-.376
190	1127	.099	.186	.789	-.843
190	1128	.188	.136	.772	-.174
190	1129	.278	.135	.917	-.100
190	1130	.244	.138	.856	-.123
190	1131	-.110	.066	.137	-.397
190	1132	-.369	.094	-.104	-.859
190	1133	-.076	.104	.412	-.451
190	1134	.022	.113	.524	-.291
190	1135	.052	.174	.698	-.682
190	1136	.143	.107	.772	-.138
190	1137	.187	.110	.779	-.087
190	1138	.184	.122	.762	-.101
190	1139	-.105	.062	.176	-.496
190	1140	-.349	.094	-.105	-.789
190	1141	-.148	.100	.322	-.706
190	1142	-.035	.102	.511	-.441
190	1143	-.017	.155	.635	-.642
190	1144	.021	.064	.337	-.259
190	1145	.083	.071	.466	-.156
190	1146	.119	.091	.597	-.089
190	1147	.039	.072	.413	-.205
190	1148	.080	.081	.513	-.168
190	1149	-.180	.088	.227	-.604
190	1150	-.090	.074	.333	-.457
190	1151	-.092	.117	.391	-.951
190	1152	-.052	.057	.161	-.402
190	1153	.010	.054	.226	-.168
190	1154	.063	.069	.428	-.101
190	1155	-.050	.077	.259	-.447
190	1156	-.156	.095	.216	-.571
190	1157	-.124	.069	.170	-.454
190	1158	-.087	.066	.200	-.353
190	1159	-.112	.093	.221	-.739
190	1160	-.112	.049	.086	-.326
190	1161	-.106	.047	.087	-.384
190	1162	-.124	.071	.176	-.459

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	1163	.004	.066	.306	-.209
190	1164	.105	.085	.595	-.094
190	1165	.175	.103	.694	-.041
190	1166	.081	.084	.454	-.139
190	1167	.004	.071	.325	-.233
190	1168	-.062	.058	.355	-.236
190	1169	-.083	.058	.314	-.311
190	1170	.079	.090	.471	-.313
190	1171	.089	.068	.481	-.078
190	1172	.069	.063	.408	-.092
190	1201	-.342	.152	.043	-1.190
190	1202	-.318	.127	.070	-1.044
190	1203	-.325	.115	.123	-.860
190	1204	-.329	.110	.007	-1.336
190	1205	-.318	.085	-.090	-.742
190	1206	-.294	.084	-.033	-.726
190	1207	-.337	.135	-.035	-1.041
190	1208	-.322	.118	.011	-1.051
190	1209	-.324	.102	.034	-.855
190	1210	-.319	.105	.012	-1.277
190	1211	-.300	.092	-.032	-.939
190	1212	-.292	.090	-.038	-.921
190	1213	-.327	.112	-.097	-1.016
190	1214	-.318	.101	-.059	-.762
190	1215	-.320	.091	-.034	-.807
190	1216	-.319	.106	-.039	-.966
190	1217	-.300	.096	-.027	-.841
190	1218	-.294	.096	-.014	-.847
190	1219	-.343	.106	-.113	-.896
190	1220	-.327	.096	-.065	-.772
190	1221	-.311	.093	-.035	-.872
190	1222	-.302	.106	.000	-.870
190	1223	-.328	.093	-.108	-.748
190	1224	-.321	.092	-.070	-.746
190	1225	-.323	.088	-.031	-.836
190	1226	-.313	.102	.020	-1.252
190	1227	-.320	.096	-.049	-1.032
190	1228	-.305	.101	-.026	-.872
190	1229	-.411	.121	-.060	-1.043
190	1230	-.422	.135	-.066	-1.112
190	1231	-.402	.123	-.071	-1.114
190	1232	-.360	.126	-.031	-1.404
190	1233	-.360	.123	-.010	-1.081
190	1234	-.342	.127	.007	-1.144
190	1235	-.338	.093	-.096	-.784
190	1236	-.361	.101	-.095	-.815
190	1237	-.428	.120	-.106	-1.050
190	1238	-.354	.113	.022	-.902
190	1239	-.316	.101	-.047	-.831
190	1240	-.309	.108	.043	-.810
190	1241	-.217	.064	.077	-.577
190	1242	-.207	.076	.077	-.685
190	1243	-.330	.113	.036	-1.105
190	1244	-.412	.137	.009	-1.071
190	1245	-.348	.128	.048	-1.064
190	1246	-.312	.119	.111	-1.107
190	1247	-.185	.055	.270	-.393
190	1248	-.145	.061	.112	-.428
190	1249	-.153	.091	.322	-.646
190	1250	-.458	.155	.069	-1.381
190	1251	-.383	.152	.111	-1.458
190	1252	-.354	.140	.017	-1.134
190	1253	-.230	.053	-.024	-.495
190	1254	-.214	.049	-.050	-.473
190	1255	-.237	.056	-.082	-.578
190	1256	-.224	.052	-.051	-.540
190	1257	-.216	.049	-.062	-.511
190	1258	-.054	.075	.381	-.381
190	1259	-.350	.163	.295	-1.061
190	1260	-.430	.183	-.015	-2.051
190	1261	-.411	.175	-.031	-1.506
190	1262	-.243	.066	-.028	-.540
190	1263	-.232	.055	-.080	-.495
190	1264	-.218	.052	-.068	-.495
190	1265	-.200	.053	-.025	-.481
190	1266	-.181	.043	-.009	-.356
190	1267	-.174	.040	-.037	-.319
190	1268	-.100	.042	.079	-.307
190	1269	-.101	.099	.344	-.566
190	1270	-.332	.165	.026	-1.779
190	1271	-.340	.176	.006	-1.468
190	1272	-.144	.036	-.025	-.290
190	1273	-.139	.033	-.025	-.280
190	1274	-.135	.033	.019	-.267
190	1275	-.096	.036	.084	-.228
190	1276	-.072	.051	.115	-.350
190	1277	-.208	.096	.031	-.837
190	1278	-.196	.093	.106	-.672
190	1279	-.044	.048	.172	-.167
190	1280	-.062	.044	.126	-.193
190	1281	-.182	.089	.116	-.645
190	1301	-.246	.075	-.017	-.595
190	1302	-.261	.082	.028	-.681
190	1303	-.271	.088	.024	-.767
190	1304	-.243	.064	-.052	-.552
190	1305	-.248	.067	-.009	-.572
190	1306	-.254	.065	-.065	-.661
190	1307	-.267	.070	-.076	-.672
190	1308	-.252	.055	-.079	-.468
190	1309	-.246	.053	-.090	-.480
190	1310	-.272	.055	-.115	-.550
190	1311	-.263	.058	-.084	-.534
190	1312	-.264	.054	-.096	-.565
190	1313	-.280	.062	-.099	-.563
190	1314	-.255	.052	-.092	-.601
190	1315	-.258	.053	-.115	-.614
190	1316	-.274	.054	-.096	-.609
190	1317	-.305	.069	-.122	-.695
190	1318	-.263	.050	-.135	-.470
190	1319	-.303	.060	-.129	-.574
190	1320	-.262	.051	-.118	-.592
190	1321	-.256	.051	-.125	-.591
190	1322	-.267	.049	-.125	-.482
190	1323	-.301	.065	-.143	-.738
190	1324	-.254	.048	-.106	-.521
190	1325	-.243	.046	-.107	-.482
190	1326	-.259	.047	-.120	-.480
190	1327	-.269	.051	-.131	-.478
190	1328	-.271	.052	-.131	-.487
190	1329	-.221	.045	-.071	-.428
190	1330	-.221	.044	-.081	-.410
190	1331	-.221	.040	-.102	-.378
190	1332	-.251	.053	-.101	-.510
190	1333	-.243	.053	-.097	-.475
190	1334	-.209	.043	-.067	-.410
190	1335	-.210	.042	-.087	-.415
190	1336	-.201	.044	-.030	-.399
190	1337	-.216	.058	-.057	-.615
190	1338	-.229	.069	-.026	-.727
190	1339	-.224	.049	-.072	-.472
190	1340	-.233	.049	-.104	-.509
190	1341	-.247	.054	-.111	-.557
190	1342	-.279	.087	-.059	-.765
190	1343	-.290	.101	-.062	-.988
190	1344	-.219	.051	-.069	-.518
190	1345	-.224	.051	-.077	-.465
190	1346	-.241	.059	-.055	-.590
190	1347	-.251	.080	-.033	-.618
190	1348	-.231	.079	-.008	-.681
190	1349	-.184	.043	-.065	-.433
190	1350	-.188	.044	-.049	-.477
190	1351	-.195	.051	-.022	-.446
190	1353	-.237	.084	-.018	-.792
190	1354	-.178	.045	-.060	-.353
190	1355	-.178	.044	-.036	-.360
190	1356	-.184	.047	-.018	-.373
190	1357	-.165	.048	.028	-.415
190	1358	-.177	.057	-.021	-.518
190	1359	-.212	.050	-.095	-.476
190	1360	-.212	.040	-.109	-.406

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	1361	-.155	.039	.003	-.352
190	1362	-.133	.031	-.014	-.256
190	1401	-.784	.225	-.250	-2.148
190	1402	-.624	.192	-.111	-1.367
190	1403	-.350	.090	-.097	-.751
190	1404	-.274	.079	-.055	-.801
190	1405	-.267	.080	-.010	-.634
190	1406	-.654	.140	-.311	-1.557
190	1407	-.696	.145	-.359	-1.465
190	1408	-.356	.145	-.027	-.983
190	1409	-.240	.059	.180	-.602
190	1410	-.237	.052	-.068	-.561
190	1411	-.678	.152	-.294	-1.555
190	1412	-.681	.156	-.274	-1.446
190	1413	-.329	.147	.054	-.978
190	1414	-.238	.058	.008	-.596
190	1415	-.255	.052	-.002	-.544
190	1416	-.731	.167	-.365	-1.497
190	1417	-.720	.177	-.187	-1.548
190	1418	-.271	.115	.090	-1.024
190	1419	-.243	.056	.034	-.498
190	1420	-.258	.052	-.048	-.528
190	1421	-.670	.159	-.282	-1.687
190	1422	-.653	.165	-.194	-1.415
190	1423	-.238	.078	.130	-.737
190	1424	-.235	.048	-.078	-.462
190	1425	-.245	.046	-.089	-.469
190	1426	-.660	.165	-.198	-1.528
190	1427	-.548	.172	-.145	-1.371
190	1428	-.251	.065	.012	-.692
190	1429	-.246	.046	-.109	-.510
190	1430	-.235	.042	-.099	-.408
190	1431	-.517	.198	-.075	-1.453
190	1432	-.368	.144	-.074	-1.241
190	1433	-.234	.046	-.102	-.404
190	1434	-.216	.044	-.069	-.392
190	1435	-.346	.083	-.138	-.679
190	1436	-.252	.070	-.060	-.769
190	1437	-.204	.043	-.065	-.379
190	1438	-.202	.041	-.088	-.378
190	1439	-.208	.041	-.095	-.394
190	1440	-.402	.124	-.157	-1.072
190	1441	-.369	.114	-.102	-.980
190	1442	-.176	.040	-.025	-.368
190	1443	-.182	.041	-.036	-.376
190	1444	-.196	.043	-.067	-.368
190	1445	-.337	.114	.001	-.951
190	1446	-.265	.079	-.037	-.661
190	1447	-.198	.047	-.065	-.486
190	1448	-.165	.039	-.034	-.362
190	1449	-.169	.037	-.037	-.353
190	1450	-.220	.114	.327	-.741
190	1451	-.191	.076	.151	-.646
190	1452	-.212	.066	.037	-.679
190	1453	-.311	.079	-.109	-.767
190	1454	-.114	.041	.028	-.268
190	1455	-.151	.037	-.025	-.312
190	1456	-.166	.039	-.051	-.348
190	1901	-.142	.031	-.036	-.289
190	1902	.064	.091	.345	-.826
190	1903	-.190	.046	.008	-.405
190	1904	-.132	.036	.038	-.309
190	1905	-.389	.091	-.100	-.879
190	1906	-.367	.132	.118	-1.061
190	2101	.020	.115	.558	-.318
190	2102	.127	.134	.678	-.294
190	2103	.246	.157	.783	-.239
190	2104	.321	.191	.878	-.195
190	2105	.241	.173	.798	-.419
190	2106	.025	.112	.591	-.315
190	2107	.135	.116	.641	-.148
190	2108	.343	.154	.885	-.002
190	2109	.257	.176	.935	-.205
190	2110	.039	.159	.591	-.503
190	2111	-.050	.068	.270	-.279
190	2112	.023	.064	.415	-.157
190	2113	.122	.090	.581	-.100
190	2114	.083	.151	.915	-.349
190	2115	-.045	.149	.759	-.657
190	2116	-.037	.071	.279	-.357
190	2117	-.021	.058	.203	-.226
190	2118	-.027	.062	.197	-.326
190	2119	-.149	.079	.241	-.464
190	2120	-.223	.148	.452	-.833
190	2121	-.278	.121	.216	-.703
190	2201	-.786	.317	-.008	-3.504
190	2202	-.755	.285	.160	-1.965
190	2203	-.307	.094	.014	-.966
190	2204	-.622	.238	-.107	-1.668
190	2205	-.614	.231	-.015	-1.604
190	2206	-.374	.180	.062	-1.552
190	2207	-.246	.057	-.094	-.534
190	2208	-.555	.226	-.016	-1.873
190	2209	-.296	.094	-.045	-1.190
190	2210	-.364	.098	-.058	-.815
190	2211	-.205	.041	-.051	-.440
190	2212	-.221	.045	-.085	-.508
190	2301	-.293	.077	-.026	-.708
190	2302	-.305	.078	-.061	-.685
190	2303	-.360	.087	-.058	-.751
190	2304	-.354	.081	-.116	-.733
190	2305	-.360	.091	-.062	-.717
190	2306	-.347	.083	-.095	-.692
190	2307	-.344	.077	-.113	-.663
190	2308	-.337	.119	-.059	-1.228
190	2309	-.313	.101	-.041	-.823
190	2310	-.291	.054	-.153	-.475
190	2311	-.293	.054	-.152	-.482
190	2312	-.292	.055	-.127	-.520
190	2313	-.277	.058	-.127	-.513
190	2314	-.286	.060	-.130	-.530
190	2315	-.318	.084	-.104	-.753
190	2316	-.330	.095	-.111	-1.010
190	2317	-.285	.058	-.141	-.523
190	2318	-.284	.058	-.142	-.512
190	2319	-.285	.057	-.139	-.516
190	2320	-.274	.057	-.111	-.540
190	2321	-.276	.058	-.118	-.532
190	2322	-.270	.069	-.074	-.672
190	2323	-.283	.079	-.060	-.728
190	2324	-.183	.037	-.072	-.396
190	2325	-.173	.041	-.044	-.338
190	2326	-.305	.068	-.140	-.659
190	2327	-.288	.053	-.159	-.527
190	2401	-.256	.069	.004	-.504
190	2402	-.185	.086	.243	-.480
190	2403	-.465	.116	-.091	-1.014
190	2404	-.448	.107	-.098	-.925
190	2405	-.289	.058	-.132	-.560
190	2406	-.226	.076	.101	-.501
190	2407	-.394	.121	.253	-1.128
190	2408	-.374	.105	.223	-.996
190	2409	-.252	.058	-.088	-.608
190	2410	-.205	.062	.072	-.535
190	2411	-.239	.113	.135	-.803
190	2412	-.227	.094	.046	-.758
190	2413	-.232	.055	-.047	-.540
190	2414	-.178	.066	.109	-.539
190	2415	-.063	.106	.246	-.676
190	2416	-.064	.110	.296	-.700
200	1101	.392	.172	.932	-.153
200	1102	.185	.132	.636	-.219
200	1103	-.101	.080	.230	-.382
200	1104	-.329	.079	-.021	-.645
200	1105	.318	.153	.796	-.142
200	1106	-.051	.069	.294	-.323
200	1107	-.351	.085	-.076	-.737
200	1108	.384	.150	.912	.019
200	1109	-.055	.067	.254	-.324
200	1110	-.332	.072	-.096	-.712

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	1111	.428	.175	1.102	-.026
200	1112	.490	.179	1.102	.037
200	1113	.364	.148	.948	.028
200	1114	-.049	.063	.190	-.286
200	1115	-.376	.081	-.101	-.764
200	1116	.114	.177	.866	-.948
200	1117	.423	.180	1.048	-.087
200	1118	.489	.176	1.143	.033
200	1119	.140	.143	.722	-.539
200	1120	.417	.171	1.340	-.019
200	1121	.432	.165	1.277	-.010
200	1122	.335	.142	.851	-.018
200	1123	-.058	.062	.359	-.299
200	1124	-.352	.078	-.101	-.808
200	1125	.008	.116	.449	-.397
200	1126	.155	.134	.642	-.286
200	1127	.276	.179	1.028	-.377
200	1128	.353	.160	1.005	-.107
200	1129	.365	.161	1.071	-.043
200	1130	.280	.134	.874	-.062
200	1131	-.051	.059	.160	-.289
200	1132	-.331	.082	-.088	-.688
200	1133	-.006	.117	.443	-.379
200	1134	.139	.131	.672	-.205
200	1135	.231	.167	.917	-.327
200	1136	.264	.149	.935	-.068
200	1137	.282	.142	.894	-.025
200	1138	.218	.109	.709	-.055
200	1139	-.050	.055	.214	-.297
200	1140	-.324	.078	-.116	-.841
200	1141	-.086	.109	.315	-.548
200	1142	.059	.124	.595	-.311
200	1143	.124	.160	.764	-.510
200	1144	.098	.088	.512	-.188
200	1145	.118	.078	.473	-.092
200	1146	.142	.082	.494	-.057
200	1147	.104	.070	.401	-.087
200	1148	.144	.084	.503	-.063
200	1149	-.127	.107	.467	-.601
200	1150	-.037	.101	.553	-.314
200	1151	-.005	.122	.626	-.474
200	1152	-.022	.062	.212	-.297
200	1153	.030	.057	.277	-.243
200	1154	.100	.064	.456	-.105
200	1155	.024	.072	.350	-.287
200	1156	-.081	.085	.277	-.530
200	1157	-.102	.075	.317	-.393
200	1158	-.066	.072	.265	-.354
200	1159	-.075	.089	.258	-.505
200	1160	-.082	.050	.114	-.320
200	1161	-.063	.050	.172	-.233
200	1162	-.073	.072	.212	-.370
200	1163	.050	.076	.474	-.158
200	1164	.153	.092	.632	-.052
200	1165	.235	.111	.771	-.019
200	1166	.151	.091	.535	-.123
200	1167	.062	.080	.467	-.207
200	1168	-.016	.063	.291	-.188
200	1169	-.048	.062	.228	-.248
200	1170	.103	.098	.550	-.229
200	1171	.131	.079	.497	-.077
200	1172	.124	.072	.407	-.058
200	1201	-.334	.149	.126	-.998
200	1202	-.313	.129	.084	-.937
200	1203	-.371	.152	.210	-1.075
200	1204	-.387	.133	.020	-1.183
200	1205	-.394	.121	-.080	-1.222
200	1206	-.358	.110	-.049	-1.316
200	1207	-.336	.141	.060	-1.145
200	1208	-.326	.134	.086	-.847
200	1209	-.362	.132	.119	-1.019
200	1210	-.381	.134	.065	-1.150
200	1211	-.366	.121	.097	-1.123
200	1212	-.359	.119	-.019	-1.109
200	1213	-.339	.130	-.026	-.916
200	1214	-.324	.114	-.015	-1.002
200	1215	-.346	.120	.097	-.934
200	1216	-.382	.144	.135	-1.203
200	1217	-.362	.116	.037	-.955
200	1218	-.356	.113	-.009	-.887
200	1219	-.365	.127	.044	-1.094
200	1220	-.357	.126	.030	-.905
200	1221	-.376	.127	.090	-1.408
200	1222	-.357	.122	.023	-1.040
200	1223	-.366	.120	-.030	-.950
200	1224	-.357	.114	.026	-.877
200	1225	-.373	.119	.136	-.983
200	1226	-.387	.140	.052	-1.135
200	1227	-.363	.123	.101	-1.174
200	1228	-.374	.128	.001	-1.204
200	1229	-.469	.167	-.007	-1.337
200	1230	-.499	.196	-.010	-1.410
200	1231	-.451	.153	.055	-1.269
200	1232	-.412	.139	.006	-1.339
200	1233	-.407	.131	.010	-1.143
200	1234	-.393	.137	.013	-1.233
200	1235	-.383	.124	-.027	-1.032
200	1236	-.416	.140	-.039	-1.042
200	1237	-.500	.151	-.114	-1.121
200	1238	-.425	.136	-.030	-1.100
200	1239	-.349	.119	.029	-.850
200	1240	-.353	.125	-.009	-1.164
200	1241	-.212	.080	.072	-.589
200	1242	-.191	.094	.140	-.744
200	1243	-.372	.132	.063	-.950
200	1244	-.500	.169	.009	-1.394
200	1245	-.381	.145	.015	-1.164
200	1246	-.362	.148	.060	-1.078
200	1247	-.160	.059	.259	-.412
200	1248	-.105	.068	.163	-.381
200	1249	-.093	.118	.510	-.713
200	1250	-.574	.208	.120	-1.939
200	1251	-.418	.181	.061	-1.465
200	1252	-.406	.178	.013	-1.307
200	1253	-.202	.050	-.027	-.438
200	1254	-.181	.049	.000	-.393
200	1255	-.204	.050	-.072	-.516
200	1256	-.194	.048	-.061	-.415
200	1257	-.184	.045	.011	-.435
200	1258	.007	.082	.547	-.214
200	1259	-.326	.209	.628	-1.294
200	1260	-.487	.237	-.034	-2.433
200	1261	-.448	.233	.034	-1.997
200	1262	-.208	.052	-.058	-.502
200	1263	-.198	.047	-.049	-.451
200	1264	-.187	.047	-.027	-.412
200	1265	-.191	.046	-.037	-.432
200	1266	-.164	.039	-.033	-.294
200	1267	-.154	.036	-.032	-.303
200	1268	-.068	.040	.211	-.224
200	1269	-.060	.101	.496	-.623
200	1270	-.304	.181	.197	-1.761
200	1271	-.317	.191	.147	-1.804
200	1272	-.165	.054	.031	-.376
200	1273	-.142	.041	.008	-.292
200	1274	-.124	.035	-.011	-.279
200	1275	-.065	.036	.119	-.177
200	1276	-.035	.050	.209	-.280
200	1277	-.155	.085	.083	-.628
200	1278	-.150	.085	.058	-.663
200	1279	-.009	.050	.255	-.132
200	1280	-.028	.045	.163	-.208
200	1281	-.137	.087	.095	-.612
200	1301	-.263	.082	-.028	-.617
200	1302	-.260	.082	-.036	-.629
200	1303	-.274	.090	-.033	-.779
200	1304	-.243	.067	-.034	-.556
200	1305	-.244	.065	-.045	-.561
200	1306	-.254	.069	-.021	-.566
200	1307	-.270	.075	-.016	-.660

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	1308	-.262	.061	-.085	-.505
200	1309	-.265	.064	-.054	-.564
200	1310	-.276	.063	-.104	-.561
200	1311	-.284	.074	-.085	-.922
200	1312	-.290	.069	-.048	-.532
200	1313	-.305	.080	-.064	-.574
200	1314	-.266	.061	-.098	-.652
200	1315	-.269	.063	-.097	-.678
200	1316	-.294	.068	-.099	-.680
200	1317	-.324	.086	-.097	-.770
200	1318	-.301	.067	-.096	-.617
200	1319	-.331	.082	-.107	-.761
200	1320	-.273	.059	-.067	-.579
200	1321	-.264	.059	-.110	-.556
200	1322	-.282	.058	-.100	-.548
200	1323	-.317	.077	-.090	-.693
200	1324	-.268	.060	-.064	-.593
200	1325	-.243	.053	-.074	-.520
200	1326	-.271	.062	-.098	-.549
200	1327	-.277	.065	-.097	-.569
200	1328	-.281	.066	-.096	-.570
200	1329	-.213	.048	-.073	-.403
200	1330	-.213	.046	-.065	-.379
200	1331	-.221	.047	-.024	-.448
200	1332	-.237	.059	-.071	-.591
200	1333	-.228	.059	-.061	-.561
200	1334	-.202	.046	-.055	-.520
200	1335	-.204	.045	-.058	-.400
200	1336	-.193	.046	-.012	-.352
200	1337	-.201	.049	-.040	-.479
200	1338	-.195	.047	-.051	-.526
200	1339	-.226	.059	-.061	-.637
200	1340	-.232	.055	-.074	-.552
200	1341	-.230	.050	-.051	-.465
200	1342	-.219	.054	-.070	-.691
200	1343	-.220	.059	-.054	-.794
200	1344	-.220	.059	-.053	-.558
200	1345	-.223	.054	-.070	-.484
200	1346	-.227	.052	-.048	-.466
200	1347	-.232	.082	-.056	-.740
200	1348	-.208	.053	-.028	-.442
200	1349	-.158	.040	-.042	-.330
200	1350	-.159	.039	-.042	-.340
200	1351	-.170	.046	-.008	-.407
200	1353	-.244	.085	.019	-.834
200	1354	-.137	.037	-.014	-.264
200	1355	-.138	.034	-.020	-.286
200	1356	-.145	.040	.000	-.298
200	1357	-.201	.079	-.001	-.617
200	1358	-.238	.103	.041	-.962
200	1359	-.146	.043	-.020	-.451
200	1360	-.152	.046	-.010	-.351
200	1361	-.139	.035	.013	-.296
200	1362	-.130	.037	.002	-.279
200	1401	-.795	.201	-.275	-1.670
200	1402	-.675	.196	-.112	-1.601
200	1403	-.345	.084	-.092	-.689
200	1404	-.277	.079	.009	-.625
200	1405	-.267	.079	-.023	-.704
200	1406	-.727	.166	-.295	-1.425
200	1407	-.730	.168	-.299	-1.497
200	1408	-.300	.120	.070	-.859
200	1409	-.253	.059	-.025	-.498
200	1410	-.257	.059	-.053	-.538
200	1411	-.786	.171	-.301	-1.460
200	1412	-.790	.181	-.134	-1.517
200	1413	-.274	.101	.169	-.821
200	1414	-.248	.056	.053	-.452
200	1415	-.273	.057	-.006	-.520
200	1416	-.765	.185	-.253	-1.705
200	1417	-.752	.197	-.198	-1.636
200	1418	-.248	.082	-.017	-.765
200	1419	-.264	.055	-.023	-.543
200	1420	-.284	.057	-.061	-.562
200	1421	-.718	.178	-.285	-1.674
200	1422	-.702	.184	-.233	-1.581
200	1423	-.240	.072	.006	-.772
200	1424	-.254	.054	-.026	-.520
200	1425	-.267	.055	-.079	-.505
200	1426	-.700	.181	-.274	-1.497
200	1427	-.577	.181	-.124	-1.270
200	1428	-.249	.061	.003	-.513
200	1429	-.239	.051	-.047	-.476
200	1430	-.225	.047	-.074	-.517
200	1431	-.475	.172	-.111	-1.461
200	1432	-.323	.102	-.044	-.963
200	1433	-.224	.049	-.091	-.453
200	1434	-.201	.047	-.069	-.418
200	1435	-.382	.094	-.172	-.855
200	1436	-.303	.094	-.064	-.728
200	1437	-.210	.053	.008	-.546
200	1438	-.203	.047	-.028	-.444
200	1439	-.203	.047	-.056	-.405
200	1440	-.402	.118	-.125	-1.035
200	1441	-.383	.111	-.102	-.993
200	1442	-.169	.048	-.030	-.432
200	1443	-.177	.046	-.031	-.407
200	1444	-.191	.049	-.030	-.416
200	1445	-.306	.104	-.045	-.853
200	1446	-.241	.081	.005	-.624
200	1447	-.193	.050	-.051	-.510
200	1448	-.148	.041	-.027	-.336
200	1449	-.149	.038	-.010	-.290
200	1450	-.159	.119	.299	-.789
200	1451	-.153	.087	.245	-.644
200	1452	-.214	.078	.024	-.794
200	1453	-.347	.096	-.104	-.793
200	1454	-.074	.044	.101	-.241
200	1455	-.110	.036	.014	-.247
200	1456	-.125	.036	-.009	-.277
200	1901	-.126	.034	-.005	-.273
200	1902	.165	.085	.559	-.044
200	1903	-.175	.053	.025	-.384
200	1904	-.086	.038	.077	-.227
200	1905	-.431	.105	-.149	-.988
200	1906	-.383	.128	.149	-.993
200	2101	.129	.130	.658	-.300
200	2102	.222	.153	.849	-.251
200	2103	.285	.164	.824	-.195
200	2104	.276	.176	.952	-.254
200	2105	.163	.162	.762	-.524
200	2106	.163	.128	.655	-.221
200	2107	.257	.139	.771	-.145
200	2108	.380	.159	1.009	-.016
200	2109	.231	.144	.798	-.185
200	2110	.014	.125	.533	-.525
200	2111	.040	.085	.462	-.171
200	2112	.106	.091	.547	-.112
200	2113	.160	.103	.617	-.076
200	2114	.035	.106	.514	-.317
200	2115	-.100	.102	.261	-.551
200	2116	.014	.081	.396	-.556
200	2117	.024	.068	.352	-.203
200	2118	-.004	.069	.243	-.237
200	2119	-.186	.074	.096	-.491
200	2120	-.361	.145	.119	-1.112
200	2121	-.352	.099	-.044	-.783
200	2201	-.435	.179	-.094	-1.744
200	2202	-.450	.173	-.076	-1.608
200	2203	-.367	.148	.062	-1.184
200	2204	-.410	.167	-.110	-1.549
200	2205	-.405	.167	-.055	-1.633
200	2206	-.415	.189	.089	-1.598
200	2207	-.243	.060	-.072	-.528
200	2208	-.464	.165	-.100	-1.933
200	2209	-.410	.158	-.001	-1.712
200	2210	-.423	.122	-.019	-1.063
200	2211	-.224	.058	-.046	-.575
200	2212	-.237	.067	-.048	-.645
200	2301	-.317	.107	-.008	-.857

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	2302	-.326	.105	.005	-.864
200	2303	-.349	.094	.019	-.740
200	2304	-.342	.089	-.044	-.709
200	2305	-.317	.088	-.035	-.776
200	2306	-.299	.076	-.018	-.640
200	2307	-.298	.070	-.050	-.623
200	2308	-.338	.119	-.030	-.885
200	2309	-.308	.100	-.028	-.975
200	2310	-.279	.059	-.110	-.541
200	2311	-.283	.059	-.105	-.542
200	2312	-.280	.060	-.085	-.497
200	2313	-.272	.061	-.046	-.542
200	2314	-.281	.063	-.036	-.543
200	2315	-.385	.137	-.081	-1.155
200	2316	-.376	.139	-.106	-1.860
200	2317	-.288	.065	-.127	-.607
200	2318	-.298	.068	-.133	-.652
200	2319	-.299	.069	-.138	-.692
200	2320	-.295	.074	-.093	-.680
200	2321	-.294	.075	-.076	-.681
200	2322	-.281	.088	-.078	-.727
200	2323	-.286	.095	-.012	-.841
200	2324	-.196	.047	-.077	-.384
200	2325	-.196	.051	-.027	-.441
200	2326	-.349	.093	-.148	-.878
200	2327	-.333	.075	-.175	-.662
200	2401	-.259	.070	-.012	-.545
200	2402	-.201	.075	.089	-.492
200	2403	-.403	.113	-.054	-.944
200	2404	-.389	.104	-.073	-.865
200	2405	-.301	.070	-.094	-.661
200	2406	-.261	.069	.083	-.614
200	2407	-.350	.125	.370	-.867
200	2408	-.328	.109	.246	-.842
200	2409	-.270	.068	-.090	-.571
200	2410	-.214	.062	.003	-.499
200	2411	-.185	.121	.196	-1.112
200	2412	-.184	.097	.089	-.926
200	2413	-.262	.079	-.029	-.691
200	2414	-.184	.078	.169	-.508
200	2415	.037	.088	.369	-.350
200	2416	.030	.104	.477	-.841
210	1101	.342	.183	.963	-.314
210	1102	.173	.125	.647	-.277
210	1103	-.078	.084	.252	-.440
210	1104	-.302	.084	.027	-.713
210	1105	-.311	.148	.926	-.117
210	1106	-.022	.083	.496	-.386
210	1107	-.315	.078	.036	-.653
210	1108	.369	.162	1.295	-.161
210	1109	-.029	.076	.341	-.361
210	1110	-.305	.074	-.006	-.621
210	1111	.396	.195	1.183	-.196
210	1112	.467	.196	1.160	-.100
210	1113	.370	.159	1.028	-.104
210	1114	-.020	.074	.435	-.284
210	1115	-.355	.089	.001	-.828
210	1116	.049	.212	.803	-1.653
210	1117	.357	.191	1.156	-.370
210	1118	.450	.183	1.043	-.024
210	1119	.077	.141	.607	-.514
210	1120	.412	.198	1.265	-.123
210	1121	.441	.191	1.201	-.024
210	1122	.348	.148	1.000	-.068
210	1123	-.039	.071	.551	-.332
210	1124	-.339	.083	-.080	-.699
210	1125	-.011	.120	.518	-.621
210	1126	.138	.141	.879	-.454
210	1127	.229	.183	.806	-.546
210	1128	.325	.169	.974	-.098
210	1129	.359	.160	1.029	-.099
210	1130	.287	.134	.937	-.060
210	1131	-.029	.065	.268	-.304
210	1132	-.329	.084	.025	-.701
210	1133	-.010	.099	.384	-.487
210	1134	.126	.122	.695	-.238
210	1135	.208	.161	.950	-.366
210	1136	.260	.155	1.133	-.172
210	1137	.274	.148	1.073	-.136
210	1138	.231	.119	.768	-.063
210	1139	-.035	.060	.250	-.322
210	1140	-.320	.081	-.053	-.704
210	1141	-.066	.105	.346	-.464
210	1142	.089	.117	.619	-.278
210	1143	.161	.154	.781	-.587
210	1144	.102	.093	.631	-.205
210	1145	.132	.085	.467	-.098
210	1146	.138	.080	.607	-.086
210	1147	.104	.074	.382	-.208
210	1148	.141	.089	.488	-.156
210	1149	-.102	.104	.344	-.594
210	1150	-.013	.101	.503	-.318
210	1151	.028	.119	.693	-.484
210	1152	-.020	.059	.265	-.296
210	1153	.024	.050	.357	-.162
210	1154	.094	.066	.423	-.075
210	1155	.038	.073	.358	-.210
210	1156	-.060	.083	.240	-.399
210	1157	-.082	.081	.328	-.416
210	1158	-.050	.076	.323	-.351
210	1159	-.047	.087	.377	-.524
210	1160	-.077	.045	.094	-.286
210	1161	-.050	.051	.245	-.240
210	1162	-.062	.069	.185	-.379
210	1163	.042	.072	.408	-.170
210	1164	.130	.084	.550	-.102
210	1165	.220	.114	.812	-.078
210	1166	.151	.091	.601	-.105
210	1167	.067	.078	.450	-.229
210	1168	-.010	.064	.329	-.212
210	1169	-.040	.061	.229	-.290
210	1170	.096	.093	.566	-.421
210	1171	.120	.076	.523	-.034
210	1172	.112	.071	.480	-.057
210	1201	-.270	.117	.036	-.951
210	1202	-.257	.123	.124	-.855
210	1203	-.326	.166	.171	-1.083
210	1204	-.401	.186	.120	-1.211
210	1205	-.435	.172	.111	-1.473
210	1206	-.435	.178	.115	-1.811
210	1207	-.270	.114	.022	-.976
210	1208	-.251	.118	.092	-.797
210	1209	-.325	.173	.280	-1.249
210	1210	-.401	.187	.119	-1.308
210	1211	-.442	.182	.179	-1.532
210	1212	-.437	.175	.211	-1.571
210	1213	-.273	.116	-.003	-1.017
210	1214	-.277	.116	.118	-.850
210	1215	-.332	.156	.225	-1.175
210	1216	-.423	.190	.255	-1.246
210	1217	-.394	.154	.157	-1.454
210	1218	-.386	.147	.033	-1.341
210	1219	-.295	.120	.031	-.928
210	1220	-.275	.118	.045	-.851
210	1221	-.386	.168	.163	-1.369
210	1222	-.382	.168	.109	-1.696
210	1223	-.284	.112	-.042	-.793
210	1224	-.275	.108	.033	-.706
210	1225	-.313	.125	.132	-.928
210	1226	-.371	.165	.163	-1.362
210	1227	-.392	.160	.066	-1.394
210	1228	-.422	.183	.100	-1.811
210	1229	-.370	.168	.002	-1.436
210	1230	-.408	.212	.146	-1.745
210	1231	-.416	.186	.068	-1.285
210	1232	-.406	.179	.169	-1.161
210	1233	-.425	.170	.127	-1.414
210	1234	-.428	.191	.168	-1.678
210	1235	-.308	.125	.098	-.970
210	1236	-.331	.150	.048	-1.119

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	1237	-.428	.179	.050	-1.211
210	1238	-.409	.172	.106	-1.266
210	1239	-.339	.128	.057	-1.015
210	1240	-.347	.139	.065	-.988
210	1241	-.172	.067	.201	-.515
210	1242	-.146	.081	.230	-.561
210	1243	-.309	.150	.067	-.997
210	1244	-.459	.180	.135	-1.154
210	1245	-.357	.139	.047	-1.019
210	1246	-.352	.148	.045	-1.065
210	1247	-.150	.055	.132	-.431
210	1248	-.086	.061	.187	-.372
210	1249	-.059	.102	.352	-.508
210	1250	-.503	.221	.084	-1.466
210	1251	-.390	.175	.017	-1.371
210	1252	-.404	.190	.072	-1.597
210	1253	-.183	.045	.006	-.365
210	1254	-.154	.043	.091	-.336
210	1255	-.175	.044	-.030	-.380
210	1256	-.167	.045	-.025	-.377
210	1257	-.157	.044	-.017	-.360
210	1258	.005	.074	.481	-.177
210	1259	-.280	.219	.491	-1.351
210	1260	-.473	.278	.043	-2.548
210	1261	-.394	.226	.026	-1.729
210	1262	-.171	.039	-.051	-.365
210	1263	-.160	.039	-.009	-.329
210	1264	-.153	.041	.007	-.338
210	1265	-.181	.037	-.081	-.332
210	1266	-.166	.036	-.061	-.310
210	1267	-.154	.035	-.052	-.302
210	1268	-.071	.037	.119	-.203
210	1269	-.054	.088	.341	-.563
210	1270	-.276	.169	.087	-1.594
210	1271	-.293	.187	.064	-1.641
210	1272	-.212	.051	-.076	-.406
210	1273	-.167	.038	-.058	-.317
210	1274	-.145	.033	-.044	-.328
210	1275	-.072	.032	.067	-.223
210	1276	-.036	.044	.131	-.499
210	1277	-.134	.080	.056	-.710
210	1278	-.134	.077	.077	-.514
210	1279	-.016	.044	.243	-.125
210	1280	-.030	.039	.173	-.195
210	1281	-.119	.077	.081	-.740
210	1301	-.247	.075	-.026	-.587
210	1302	-.252	.082	.009	-.689
210	1303	-.266	.088	-.008	-.718
210	1304	-.237	.069	-.021	-.541
210	1305	-.242	.068	-.031	-.603
210	1306	-.258	.074	-.031	-.601
210	1307	-.274	.082	-.047	-.713
210	1308	-.251	.063	-.050	-.555
210	1309	-.250	.060	-.073	-.489
210	1310	-.274	.065	-.086	-.638
210	1311	-.270	.077	-.036	-.784
210	1312	-.270	.069	-.069	-.573
210	1313	-.275	.081	-.053	-.626
210	1314	-.252	.056	-.074	-.606
210	1315	-.255	.057	-.081	-.611
210	1316	-.279	.063	-.103	-.626
210	1317	-.292	.085	-.091	-.766
210	1318	-.266	.064	-.092	-.517
210	1319	-.284	.090	-.063	-.725
210	1320	-.258	.058	-.110	-.623
210	1321	-.246	.057	-.103	-.614
210	1322	-.262	.061	-.074	-.658
210	1323	-.284	.082	-.086	-.704
210	1324	-.250	.057	-.083	-.537
210	1325	-.234	.051	-.058	-.496
210	1326	-.253	.053	-.110	-.498
210	1327	-.251	.055	-.090	-.545
210	1328	-.256	.056	-.089	-.603
210	1329	-.208	.046	-.068	-.435
210	1330	-.206	.044	-.077	-.422
210	1331	-.212	.043	-.064	-.388
210	1332	-.224	.049	-.083	-.444
210	1333	-.213	.049	-.071	-.432
210	1334	-.205	.048	-.041	-.415
210	1335	-.205	.047	-.066	-.404
210	1336	-.186	.041	-.048	-.383
210	1337	-.191	.045	-.068	-.418
210	1338	-.190	.045	-.016	-.363
210	1339	-.246	.069	-.085	-.761
210	1340	-.247	.059	-.091	-.579
210	1341	-.224	.044	-.088	-.472
210	1342	-.202	.046	-.056	-.463
210	1343	-.200	.048	-.059	-.512
210	1344	-.232	.063	-.050	-.621
210	1345	-.221	.051	-.033	-.493
210	1346	-.213	.041	-.061	-.378
210	1347	-.187	.042	-.053	-.347
210	1348	-.202	.050	-.062	-.430
210	1349	-.151	.042	-.035	-.345
210	1350	-.149	.040	-.034	-.338
210	1351	-.206	.049	-.069	-.415
210	1353	-.244	.056	-.092	-.470
210	1354	-.107	.036	.006	-.279
210	1355	-.113	.036	.010	-.276
210	1356	-.165	.045	-.032	-.374
210	1357	-.286	.081	-.028	-.643
210	1358	-.369	.104	-.134	-.897
210	1359	-.117	.034	.003	-.246
210	1360	-.120	.033	.011	-.237
210	1361	-.146	.034	-.034	-.298
210	1362	-.147	.036	-.042	-.310
210	1401	-.792	.193	-.259	-1.724
210	1402	-.709	.198	-.073	-1.429
210	1403	-.306	.083	-.068	-.741
210	1404	-.253	.068	-.011	-.569
210	1405	-.237	.070	-.012	-.684
210	1406	-.735	.179	-.279	-1.531
210	1407	-.693	.190	-.158	-1.482
210	1408	-.265	.099	.037	-.829
210	1409	-.243	.054	-.008	-.470
210	1410	-.249	.056	-.052	-.479
210	1411	-.813	.207	-.265	-1.824
210	1412	-.782	.211	-.122	-1.714
210	1413	-.245	.081	-.005	-.866
210	1414	-.234	.048	-.030	-.432
210	1415	-.253	.051	-.084	-.470
210	1416	-.779	.198	-.219	-1.769
210	1417	-.728	.215	-.106	-1.714
210	1418	-.244	.072	.004	-.692
210	1419	-.259	.056	-.044	-.463
210	1420	-.273	.059	-.099	-.569
210	1421	-.771	.197	-.267	-1.643
210	1422	-.712	.207	-.099	-1.530
210	1423	-.239	.064	-.037	-.767
210	1424	-.248	.050	.039	-.493
210	1425	-.256	.052	-.077	-.471
210	1426	-.689	.177	-.179	-1.411
210	1427	-.578	.191	-.071	-1.262
210	1428	-.251	.060	-.077	-.492
210	1429	-.241	.049	-.103	-.435
210	1430	-.224	.046	-.098	-.410
210	1431	-.459	.169	-.096	-1.181
210	1432	-.329	.103	-.107	-.816
210	1433	-.226	.046	-.075	-.422
210	1434	-.202	.047	-.062	-.415
210	1435	-.403	.100	-.130	-.983
210	1436	-.331	.106	-.034	-.896
210	1437	-.226	.058	-.066	-.555
210	1438	-.217	.051	-.087	-.447
210	1439	-.212	.048	-.062	-.392
210	1440	-.406	.116	-.134	-.930
210	1441	-.389	.106	-.116	-.967
210	1442	-.181	.052	-.022	-.398
210	1443	-.185	.047	-.035	-.435
210	1444	-.197	.051	-.048	-.408

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	1445	-.313	.108	.034	-.772
210	1446	-.227	.073	-.064	-.661
210	1447	-.199	.051	-.032	-.515
210	1448	-.152	.043	-.020	-.365
210	1449	-.151	.041	-.028	-.349
210	1450	-.145	.107	.257	-.586
210	1451	-.154	.077	.121	-.451
210	1452	-.224	.077	-.009	-.686
210	1453	-.367	.097	-.100	-.836
210	1454	-.075	.042	.113	-.363
210	1455	-.099	.034	.032	-.262
210	1456	-.107	.034	.008	-.260
210	1901	-.138	.031	-.045	-.306
210	1902	-.157	.092	.775	-.076
210	1903	-.175	.047	.008	-.392
210	1904	-.079	.033	.058	-.203
210	1905	-.464	.137	.127	-1.090
210	1906	-.322	.143	.182	-1.096
210	2101	.209	.149	.754	-.459
210	2102	.295	.164	.922	-.356
210	2103	.320	.156	.989	-.098
210	2104	.261	.148	.782	-.204
210	2105	.124	.124	.563	-.311
210	2106	.231	.145	.810	-.155
210	2107	.331	.158	.965	-.076
210	2108	.453	.171	1.086	.016
210	2109	.226	.140	.720	-.172
210	2110	.018	.113	.435	-.450
210	2111	.075	.100	.564	-.251
210	2112	.143	.110	.657	-.148
210	2113	.191	.108	.682	-.062
210	2114	.034	.106	.536	-.306
210	2115	-.109	.105	.325	-.540
210	2116	.036	.086	.447	-.504
210	2117	.038	.069	.309	-.262
210	2118	.002	.076	.325	-.281
210	2119	-.194	.073	.119	-.571
210	2120	-.396	.144	.290	-1.043
210	2121	-.348	.097	-.003	-.770
210	2201	-.304	.092	-.090	-1.121
210	2202	-.318	.096	-.109	-.921
210	2203	-.343	.133	.085	-1.036
210	2204	-.312	.101	-.057	-1.045
210	2205	-.322	.108	-.044	-1.148
210	2206	-.382	.159	.067	-1.323
210	2207	-.239	.061	-.056	-.566
210	2208	-.439	.171	-.071	-2.113
210	2209	-.414	.162	.039	-1.372
210	2210	-.401	.128	-.060	-1.023
210	2211	-.246	.096	-.011	-.722

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	2212	-.252	.094	.014	-.720
210	2301	-.290	.092	.035	-.754
210	2302	-.292	.088	-.015	-.722
210	2303	-.298	.078	-.034	-.656
210	2304	-.290	.074	-.061	-.635
210	2305	-.291	.075	-.033	-.617
210	2306	-.281	.069	-.057	-.617
210	2307	-.280	.064	-.073	-.568
210	2308	-.311	.094	-.023	-.885
210	2309	-.282	.079	-.039	-.727
210	2310	-.264	.055	-.073	-.450
210	2311	-.268	.055	-.071	-.465
210	2312	-.268	.055	-.077	-.483
210	2313	-.264	.057	-.084	-.488
210	2314	-.271	.060	-.059	-.512
210	2315	-.369	.131	-.057	-1.235
210	2316	-.350	.112	-.069	-.873
210	2317	-.282	.058	-.118	-.488
210	2318	-.290	.060	-.118	-.520
210	2319	-.293	.062	-.116	-.521
210	2320	-.288	.068	-.112	-.552
210	2321	-.288	.069	-.095	-.567
210	2322	-.312	.108	-.057	-.801
210	2323	-.314	.115	-.021	-.820
210	2324	-.224	.062	-.085	-.449
210	2325	-.227	.065	-.073	-.499
210	2326	-.372	.101	-.136	-.928
210	2327	-.356	.084	-.173	-.793
210	2401	-.262	.071	-.017	-.567
210	2402	-.213	.073	.065	-.616
210	2403	-.400	.123	.109	-1.069
210	2404	-.389	.111	-.016	-.956
210	2405	-.307	.069	-.101	-.610
210	2406	-.267	.069	.062	-.546
210	2407	-.347	.132	.304	-1.202
210	2408	-.325	.113	.055	-1.031
210	2409	-.269	.068	-.080	-.586
210	2410	-.211	.061	.030	-.545
210	2411	-.188	.124	.220	-1.011
210	2412	-.187	.100	.145	-.737
210	2413	-.271	.077	.003	-.630
210	2414	-.193	.082	.212	-.561
210	2415	.041	.084	.405	-.376
210	2416	.038	.100	.450	-.510
220	1101	.165	.184	.817	-.399
220	1102	.062	.143	.704	-.466
220	1103	-.084	.098	.626	-.431
220	1104	-.242	.089	.203	-.651
220	1105	.151	.164	.995	-.291
220	1106	-.050	.100	.464	-.358

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	1107	-.276	.092	.085	-.776
220	1108	.227	.169	.943	-.185
220	1109	-.066	.090	.385	-.482
220	1110	-.283	.100	.090	-.753
220	1111	.176	.168	.883	-.456
220	1112	.226	.182	1.004	-.233
220	1113	.194	.174	1.082	-.192
220	1114	-.066	.081	.305	-.379
220	1115	-.300	.106	.010	-.798
220	1116	-.022	.211	.833	-1.296
220	1117	.151	.163	1.029	-.556
220	1118	.212	.163	.918	-.287
220	1119	.017	.146	.795	-.443
220	1120	.153	.146	.847	-.469
220	1121	.184	.152	.915	-.448
220	1122	.179	.157	.936	-.190
220	1123	-.077	.076	.322	-.497
220	1124	-.287	.102	-.009	-.767
220	1125	-.025	.111	.630	-.408
220	1126	.050	.109	.663	-.342
220	1127	.080	.121	.726	-.683
220	1128	.112	.144	.763	-.781
220	1129	.133	.127	.887	-.493
220	1130	.117	.121	.767	-.136
220	1131	-.064	.061	.296	-.307
220	1132	-.261	.094	.034	-.742
220	1133	-.008	.097	.559	-.496
220	1134	.055	.093	.575	-.247
220	1135	.076	.110	.557	-.505
220	1136	.103	.120	.743	-.433
220	1137	.119	.115	.803	-.353
220	1138	.086	.094	.542	-.121
220	1139	-.069	.052	.230	-.291
220	1140	-.248	.081	-.015	-.625
220	1141	-.033	.085	.395	-.381
220	1142	.052	.089	.592	-.242
220	1143	.075	.121	.784	-.486
220	1144	.045	.072	.461	-.216
220	1145	.077	.077	.603	-.119
220	1146	.080	.077	.463	-.096
220	1147	.059	.071	.469	-.101
220	1148	.082	.086	.557	-.106
220	1149	-.034	.079	.323	-.440
220	1150	.013	.079	.499	-.330
220	1151	.044	.090	.694	-.333
220	1152	-.022	.049	.184	-.243
220	1153	-.001	.040	.195	-.143
220	1154	.022	.047	.215	-.103
220	1155	-.008	.047	.187	-.369
220	1156	-.075	.048	.106	-.403

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	1157	-.034	.053	.142	-.324
220	1158	-.018	.058	.334	-.336
220	1159	-.014	.061	.256	-.305
220	1160	-.041	.040	.131	-.230
220	1161	-.036	.042	.159	-.185
220	1162	-.032	.049	.164	-.350
220	1163	.008	.047	.244	-.148
220	1164	.042	.061	.415	-.092
220	1165	.089	.082	.546	-.090
220	1166	.051	.061	.347	-.085
220	1167	.006	.052	.314	-.176
220	1168	-.022	.040	.172	-.177
220	1169	-.029	.042	.169	-.202
220	1170	.035	.067	.417	-.189
220	1171	.051	.060	.379	-.079
220	1172	.044	.054	.280	-.078
220	1201	-.192	.057	.055	-.660
220	1202	-.161	.064	.052	-.647
220	1203	-.174	.109	.149	-.813
220	1204	-.233	.151	.141	-.996
220	1205	-.326	.232	.314	-1.307
220	1206	-.416	.299	.481	-2.077
220	1207	-.200	.053	-.052	-.569
220	1208	-.164	.061	.036	-.706
220	1209	-.171	.097	.154	-.861
220	1210	-.227	.162	.194	-.985
220	1211	-.346	.252	.341	-2.128
220	1212	-.385	.248	.484	-1.866
220	1213	-.202	.056	-.016	-.650
220	1214	-.178	.063	.039	-.551
220	1215	-.177	.098	.099	-.828
220	1216	-.237	.168	.221	-.975
220	1217	-.331	.226	.284	-1.503
220	1218	-.346	.226	.419	-1.555
220	1219	-.219	.063	-.046	-.686
220	1220	-.173	.055	.013	-.555
220	1221	-.294	.221	.429	-1.390
220	1222	-.333	.234	.490	-2.174
220	1223	-.207	.056	-.030	-.576
220	1224	-.188	.061	.081	-.571
220	1225	-.189	.100	.125	-.666
220	1226	-.242	.164	.256	-1.119
220	1227	-.284	.214	.428	-1.452
220	1228	-.335	.221	.456	-1.518
220	1229	-.214	.075	-.031	-.820
220	1230	-.204	.105	.025	-1.094
220	1231	-.171	.107	.093	-1.056
220	1232	-.230	.158	.193	-1.090
220	1233	-.309	.183	.226	-1.311
220	1234	-.327	.178	.229	-1.358
220	1235	-.191	.062	-.010	-.610
220	1236	-.183	.078	.026	-.670
220	1237	-.203	.121	.115	-.979
220	1238	-.225	.155	.239	-.933
220	1239	-.250	.157	.284	-1.237
220	1240	-.272	.154	.439	-1.003
220	1241	-.166	.042	.105	-.341
220	1242	-.135	.052	.117	-.390
220	1243	-.121	.084	.135	-.580
220	1244	-.226	.162	.185	-1.011
220	1245	-.216	.138	.319	-1.088
220	1246	-.241	.138	.289	-1.000
220	1247	-.139	.042	.030	-.346
220	1248	-.097	.051	.123	-.280
220	1249	-.056	.071	.306	-.435
220	1250	-.220	.184	.254	-1.480
220	1251	-.188	.124	.177	-.973
220	1252	-.214	.133	.154	-.955
220	1253	-.156	.037	.013	-.413
220	1254	-.136	.038	.091	-.293
220	1255	-.147	.035	.047	-.371
220	1256	-.138	.034	.084	-.320
220	1257	-.130	.033	.066	-.322
220	1258	-.025	.048	.330	-.158
220	1259	-.100	.119	.287	-.756
220	1260	-.168	.145	.194	-1.258
220	1261	-.169	.127	.090	-.846
220	1262	-.147	.032	-.052	-.281
220	1263	-.133	.031	-.011	-.281
220	1264	-.126	.032	.025	-.261
220	1265	-.150	.030	-.053	-.270
220	1266	-.129	.028	-.042	-.247
220	1267	-.118	.028	-.028	-.232
220	1268	-.054	.033	.091	-.207
220	1269	-.030	.054	.320	-.343
220	1270	-.126	.117	.122	-1.421
220	1271	-.134	.128	.109	-1.458
220	1272	-.179	.038	-.073	-.355
220	1273	-.141	.029	-.053	-.248
220	1274	-.114	.029	.038	-.238
220	1275	-.046	.043	.158	-.148
220	1276	-.023	.039	.199	-.139
220	1277	-.060	.057	.137	-.451
220	1278	-.053	.054	.151	-.400
220	1279	-.020	.042	.165	-.131
220	1280	-.025	.038	.130	-.162
220	1281	-.053	.052	.094	-.370
220	1301	-.219	.059	-.018	-.580
220	1302	-.225	.062	-.051	-.729
220	1303	-.237	.064	-.062	-.766
220	1304	-.222	.054	-.074	-.426
220	1305	-.215	.052	-.029	-.444
220	1306	-.221	.056	-.064	-.566
220	1307	-.235	.059	-.055	-.676
220	1308	-.220	.047	-.102	-.404
220	1309	-.219	.048	-.086	-.538
220	1310	-.232	.053	-.106	-.580
220	1311	-.239	.061	-.071	-.704
220	1312	-.241	.052	-.103	-.525
220	1313	-.236	.058	-.053	-.670
220	1314	-.215	.042	-.089	-.409
220	1315	-.216	.042	-.086	-.410
220	1316	-.235	.043	-.108	-.486
220	1317	-.222	.052	-.081	-.725
220	1318	-.209	.040	-.097	-.393
220	1319	-.203	.043	-.094	-.788
220	1320	-.224	.044	-.089	-.447
220	1321	-.210	.044	-.074	-.426
220	1322	-.215	.041	-.106	-.459
220	1323	-.214	.052	-.059	-.636
220	1324	-.212	.048	-.047	-.474
220	1325	-.198	.046	-.061	-.514
220	1326	-.213	.041	-.096	-.386
220	1327	-.206	.040	-.088	-.386
220	1328	-.210	.041	-.096	-.403
220	1329	-.183	.043	-.024	-.498
220	1330	-.178	.042	-.062	-.477
220	1331	-.187	.037	-.065	-.344
220	1332	-.203	.042	-.076	-.467
220	1333	-.193	.041	-.067	-.471
220	1334	-.178	.046	-.027	-.497
220	1335	-.180	.044	-.046	-.484
220	1336	-.164	.035	-.055	-.312
220	1337	-.175	.038	-.058	-.340
220	1338	-.169	.036	-.039	-.368
220	1339	-.209	.062	-.021	-.584
220	1340	-.206	.052	-.059	-.460
220	1341	-.192	.039	-.081	-.393
220	1342	-.185	.038	-.046	-.453
220	1343	-.182	.039	-.076	-.446
220	1344	-.189	.053	-.033	-.576
220	1345	-.193	.048	-.058	-.560
220	1346	-.190	.038	-.071	-.329
220	1347	-.168	.035	-.051	-.347
220	1348	-.178	.040	-.061	-.372
220	1349	-.144	.045	-.008	-.422
220	1350	-.136	.039	-.025	-.443
220	1351	-.176	.042	-.053	-.357
220	1353	-.196	.049	-.060	-.434
220	1354	-.098	.043	.022	-.309

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	1355	-.100	.034	.038	-.310
220	1356	-.154	.037	-.047	-.333
220	1357	-.239	.065	-.083	-.554
220	1358	-.273	.091	-.094	-.729
220	1359	-.096	.031	.031	-.214
220	1360	-.108	.030	.003	-.211
220	1361	-.139	.031	-.030	-.296
220	1362	-.145	.042	-.019	-.359
220	1401	-.630	.231	-.152	-1.622
220	1402	-.462	.182	-.061	-1.190
220	1403	-.203	.063	-.051	-.577
220	1404	-.209	.062	-.023	-.592
220	1405	-.212	.058	.041	-.493
220	1406	-.645	.213	-.159	-1.557
220	1407	-.531	.189	-.123	-1.399
220	1408	-.213	.075	.166	-.679
220	1409	-.212	.049	-.051	-.458
220	1410	-.217	.050	-.056	-.451
220	1411	-.656	.223	-.128	-1.802
220	1412	-.561	.232	-.064	-1.416
220	1413	-.215	.068	-.020	-.707
220	1414	-.210	.047	-.037	-.398
220	1415	-.226	.046	-.079	-.439
220	1416	-.628	.218	-.128	-1.670
220	1417	-.517	.224	-.064	-1.439
220	1418	-.201	.056	-.019	-.701
220	1419	-.212	.041	-.036	-.377
220	1420	-.218	.040	-.068	-.405
220	1421	-.563	.189	-.142	-1.538
220	1422	-.448	.191	-.045	-1.306
220	1423	-.204	.054	-.023	-.526
220	1424	-.209	.044	-.090	-.429
220	1425	-.211	.043	-.094	-.403
220	1426	-.476	.168	-.173	-1.398
220	1427	-.372	.161	-.095	-1.218
220	1428	-.211	.054	-.032	-.425
220	1429	-.202	.043	-.060	-.420
220	1430	-.189	.041	-.055	-.401
220	1431	-.326	.137	-.036	-1.213
220	1432	-.279	.082	-.052	-.793
220	1433	-.191	.042	-.036	-.412
220	1434	-.175	.041	-.038	-.366
220	1435	-.306	.083	-.136	-.714
220	1436	-.242	.074	-.066	-.613
220	1437	-.185	.045	-.020	-.479
220	1438	-.177	.041	-.062	-.428
220	1439	-.177	.044	-.036	-.366
220	1440	-.311	.104	-.111	-.887
220	1441	-.301	.097	-.117	-.777
220	1442	-.159	.042	-.051	-.341
220	1443	-.159	.038	-.016	-.332
220	1444	-.166	.041	-.015	-.341
220	1445	-.253	.083	-.031	-.712
220	1446	-.208	.051	-.059	-.488
220	1447	-.169	.045	-.032	-.531
220	1448	-.136	.035	-.012	-.336
220	1449	-.135	.036	-.028	-.299
220	1450	-.181	.078	.123	-.660
220	1451	-.198	.065	.070	-.524
220	1452	-.192	.061	.004	-.689
220	1453	-.288	.085	-.097	-.776
220	1454	-.095	.034	.060	-.239
220	1455	-.088	.030	.025	-.200
220	1456	-.093	.031	.019	-.208
220	1901	-.114	.029	.011	-.214
220	1902	.076	.065	.526	-.074
220	1903	-.182	.043	-.035	-.373
220	1904	-.082	.030	.045	-.179
220	1905	-.287	.146	.151	-.913
220	1906	-.136	.125	.307	-.569
220	2101	.206	.213	.916	-.558
220	2102	.274	.227	.965	-.511
220	2103	.306	.202	1.026	-.296
220	2104	.229	.166	.805	-.314
220	2105	.103	.132	.621	-.512
220	2106	.090	.118	.616	-.280
220	2107	.164	.136	.779	-.177
220	2108	.296	.189	1.040	-.132
220	2109	.154	.152	.725	-.283
220	2110	-.013	.117	.390	-.516
220	2111	.033	.083	.508	-.309
220	2112	.091	.098	.623	-.209
220	2113	.114	.101	.703	-.225
220	2114	-.012	.098	.567	-.477
220	2115	-.119	.095	.356	-.744
220	2116	-.011	.060	.256	-.413
220	2117	-.004	.054	.272	-.252
220	2118	-.040	.065	.229	-.450
220	2119	-.176	.065	.049	-.510
220	2120	-.299	.115	.081	-.935
220	2121	-.264	.087	.003	-.803
220	2201	-.256	.091	-.030	-1.178
220	2202	-.267	.098	-.014	-1.159
220	2203	-.293	.135	.055	-1.173
220	2204	-.265	.109	-.000	-1.102
220	2205	-.275	.113	.026	-.998
220	2206	-.319	.158	.020	-1.323
220	2207	-.211	.047	-.051	-.390
220	2208	-.348	.144	-.074	-1.755
220	2209	-.343	.147	.055	-1.147
220	2210	-.305	.100	-.084	-.929
220	2211	-.193	.066	-.042	-.647
220	2212	-.202	.063	-.030	-.544
220	2301	-.242	.092	.017	-.672
220	2302	-.243	.087	.030	-.624
220	2303	-.242	.081	-.018	-.623
220	2304	-.234	.073	-.038	-.529
220	2305	-.231	.074	.034	-.581
220	2306	-.233	.064	-.006	-.547
220	2307	-.232	.060	-.016	-.510
220	2308	-.254	.088	-.025	-.982
220	2309	-.229	.068	.012	-.563
220	2310	-.219	.050	.012	-.414
220	2311	-.226	.051	-.044	-.419
220	2312	-.230	.053	-.076	-.458
220	2313	-.227	.057	-.057	-.458
220	2314	-.233	.060	-.056	-.470
220	2315	-.292	.106	-.018	-1.035
220	2316	-.286	.098	-.031	-.885
220	2317	-.239	.054	-.054	-.462
220	2318	-.248	.056	-.091	-.474
220	2319	-.249	.058	-.109	-.482
220	2320	-.230	.065	-.085	-.516
220	2321	-.229	.065	-.079	-.507
220	2322	-.254	.093	-.036	-.882
220	2323	-.253	.101	-.015	-.897
220	2324	-.185	.046	-.060	-.432
220	2325	-.191	.048	-.052	-.440
220	2326	-.323	.089	-.129	-.793
220	2327	-.313	.078	-.141	-.677
220	2401	-.211	.064	-.032	-.457
220	2402	-.187	.065	.067	-.460
220	2403	-.343	.217	.311	-1.413
220	2404	-.360	.186	.407	-1.319
220	2405	-.237	.062	-.072	-.522
220	2406	-.214	.062	.013	-.498
220	2407	-.248	.183	.408	-.886
220	2408	-.241	.155	.485	-.776
220	2409	-.218	.059	-.053	-.479
220	2410	-.184	.051	.025	-.455
220	2411	-.147	.125	.233	-.939
220	2412	-.150	.108	.224	-.830
220	2413	-.253	.066	-.090	-.650
220	2414	-.205	.059	-.002	-.497
220	2415	.007	.058	.319	-.272
220	2416	.000	.062	.276	-.366
230	1101	.184	.168	.758	-.485
230	1102	.063	.122	.486	-.486
230	1103	-.062	.086	.354	-.406
230	1104	-.213	.075	.133	-.628

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	1105	.145	.137	.569	-.316
230	1106	-.020	.083	.248	-.412
230	1107	-.222	.074	.107	-.583
230	1108	.154	.138	.708	-.228
230	1109	-.029	.082	.413	-.410
230	1110	-.212	.072	.090	-.516
230	1111	.178	.192	.906	-.547
230	1112	.179	.156	.795	-.469
230	1113	.121	.114	.544	-.164
230	1114	-.038	.069	.251	-.319
230	1115	-.236	.083	.104	-.633
230	1116	.198	.238	1.091	-.794
230	1117	.135	.188	.850	-.812
230	1118	.168	.146	.724	-.721
230	1119	.201	.215	.947	-.310
230	1120	.074	.154	.738	-.692
230	1121	.106	.126	.657	-.475
230	1122	.088	.092	.493	-.214
230	1123	-.053	.060	.202	-.321
230	1124	-.210	.074	.023	-.510
230	1125	.144	.193	1.007	-.371
230	1126	.185	.188	.966	-.229
230	1127	.160	.153	.902	-.384
230	1128	.028	.127	.474	-.586
230	1129	.069	.096	.558	-.358
230	1130	.061	.073	.423	-.150
230	1131	-.050	.052	.257	-.283
230	1132	-.201	.068	.015	-.502
230	1133	.116	.161	.793	-.425
230	1134	.118	.139	.835	-.213
230	1135	.112	.122	.795	-.401
230	1136	.024	.106	.370	-.582
230	1137	.043	.083	.364	-.338
230	1138	.041	.060	.289	-.218
230	1139	-.051	.046	.161	-.251
230	1140	-.182	.063	.007	-.519
230	1141	.051	.109	.790	-.338
230	1142	.083	.107	.661	-.222
230	1143	.059	.095	.659	-.238
230	1144	.001	.071	.319	-.366
230	1145	.006	.056	.246	-.364
230	1146	.021	.048	.214	-.186
230	1147	.023	.050	.252	-.188
230	1148	.032	.063	.362	-.231
230	1149	.008	.066	.386	-.222
230	1150	.007	.067	.433	-.234
230	1151	.021	.063	.451	-.227
230	1152	-.015	.047	.252	-.199
230	1153	.004	.046	.221	-.184
230	1154	.018	.048	.401	-.177
230	1155	.001	.048	.407	-.136
230	1156	-.052	.044	.241	-.214
230	1157	-.010	.048	.234	-.277
230	1158	-.010	.047	.258	-.253
230	1159	-.004	.049	.283	-.141
230	1160	-.009	.041	.226	-.121
230	1161	-.020	.042	.213	-.151
230	1162	-.006	.047	.242	-.177
230	1163	.014	.045	.292	-.100
230	1164	.028	.047	.356	-.076
230	1165	.053	.056	.380	-.088
230	1166	.053	.064	.406	-.076
230	1167	.029	.065	.498	-.107
230	1168	-.005	.044	.213	-.184
230	1169	-.006	.047	.285	-.233
230	1170	.009	.047	.340	-.276
230	1171	.016	.039	.206	-.089
230	1172	.021	.039	.187	-.082
230	1201	-.177	.051	.028	-.442
230	1202	-.112	.055	.099	-.374
230	1203	-.051	.071	.242	-.513
230	1204	-.072	.088	.285	-.843
230	1205	-.068	.169	.425	-.945
230	1206	-.188	.331	.798	-1.957
230	1207	-.183	.049	.045	-.390
230	1208	-.117	.049	.157	-.360
230	1209	-.068	.068	.211	-.523
230	1210	-.048	.096	.343	-.623
230	1211	-.072	.252	.626	-1.245
230	1212	-.168	.319	.788	-1.499
230	1213	-.193	.052	-.018	-.410
230	1214	-.140	.044	.028	-.317
230	1215	-.083	.062	.329	-.380
230	1216	-.049	.108	.355	-.645
230	1217	-.107	.271	.569	-1.247
230	1218	-.186	.318	.798	-1.523
230	1219	-.236	.063	-.051	-.468
230	1220	-.142	.045	.036	-.307
230	1221	-.062	.232	.644	-1.230
230	1222	-.180	.323	.796	-1.702
230	1223	-.192	.050	.024	-.383
230	1224	-.149	.047	.085	-.359
230	1225	-.079	.061	.164	-.459
230	1226	-.048	.108	.364	-.769
230	1227	-.048	.235	.672	-1.268
230	1228	-.208	.296	.666	-1.686
230	1229	-.182	.044	-.049	-.417
230	1230	-.130	.047	.050	-.374
230	1231	-.078	.055	.193	-.326
230	1232	-.062	.093	.246	-.637
230	1233	-.187	.218	.463	-1.343
230	1234	-.258	.202	.477	-1.313
230	1235	-.172	.044	.007	-.429
230	1236	-.140	.045	.119	-.342
230	1237	-.091	.056	.137	-.366
230	1238	-.071	.091	.233	-.503
230	1239	-.172	.200	.520	-1.097
230	1240	-.245	.213	.467	-1.276
230	1241	-.169	.042	-.030	-.353
230	1242	-.128	.041	.022	-.302
230	1243	-.064	.047	.192	-.316
230	1244	-.057	.083	.210	-.534
230	1245	-.145	.170	.475	-1.332
230	1246	-.211	.182	.396	-1.757
230	1247	-.153	.040	.011	-.346
230	1248	-.110	.041	.090	-.299
230	1249	-.044	.052	.225	-.283
230	1250	-.042	.076	.225	-.407
230	1251	-.105	.118	.329	-.710
230	1252	-.155	.134	.384	-1.033
230	1253	-.146	.038	-.016	-.324
230	1254	-.125	.039	.025	-.290
230	1255	-.132	.035	.013	-.302
230	1256	-.123	.034	.018	-.262
230	1257	-.116	.034	.013	-.257
230	1258	-.031	.040	.242	-.193
230	1259	-.022	.057	.267	-.363
230	1260	-.068	.068	.183	-.618
230	1261	-.077	.078	.326	-.645
230	1262	-.130	.033	.011	-.341
230	1263	-.116	.032	.028	-.279
230	1264	-.108	.033	.054	-.248
230	1265	-.119	.026	-.022	-.259
230	1266	-.100	.025	.009	-.195
230	1267	-.089	.027	.028	-.186
230	1268	-.032	.037	.167	-.142
230	1269	-.007	.045	.206	-.147
230	1270	-.028	.052	.200	-.377
230	1271	-.030	.052	.188	-.314
230	1272	-.136	.034	-.048	-.312
230	1273	-.108	.028	-.014	-.225
230	1274	-.083	.029	.035	-.181
230	1275	-.018	.051	.392	-.139
230	1276	-.005	.049	.325	-.126
230	1277	-.021	.042	.179	-.188
230	1278	-.022	.042	.154	-.185
230	1279	.011	.059	.476	-.115
230	1280	.003	.053	.336	-.101
230	1281	-.007	.045	.234	-.228
230	1301	-.257	.077	-.040	-.614

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	1302	-.227	.058	-.069	-.471
230	1303	-.242	.058	-.077	-.483
230	1304	-.229	.057	-.081	-.437
230	1305	-.226	.057	-.084	-.420
230	1306	-.223	.056	-.076	-.395
230	1307	-.242	.057	-.091	-.424
230	1308	-.234	.059	-.073	-.466
230	1309	-.237	.060	-.055	-.469
230	1310	-.241	.055	-.102	-.484
230	1311	-.232	.055	-.086	-.449
230	1312	-.252	.057	-.105	-.488
230	1313	-.254	.065	-.091	-.549
230	1314	-.218	.053	-.091	-.452
230	1315	-.218	.055	-.093	-.476
230	1316	-.236	.053	-.101	-.488
230	1317	-.212	.050	-.076	-.413
230	1318	-.211	.051	-.086	-.439
230	1319	-.195	.044	-.087	-.424
230	1320	-.226	.051	-.113	-.471
230	1321	-.209	.050	-.096	-.449
230	1322	-.205	.045	-.096	-.430
230	1323	-.195	.044	-.062	-.402
230	1324	-.206	.057	-.046	-.564
230	1325	-.200	.058	-.025	-.594
230	1326	-.201	.047	-.038	-.388
230	1327	-.198	.047	-.064	-.410
230	1328	-.201	.048	-.064	-.423
230	1329	-.175	.062	.072	-.641
230	1330	-.172	.061	.021	-.633
230	1331	-.179	.045	-.050	-.422
230	1332	-.184	.050	-.042	-.523
230	1333	-.174	.049	-.021	-.513
230	1334	-.151	.056	.073	-.549
230	1335	-.155	.055	.044	-.576
230	1336	-.149	.038	-.037	-.410
230	1337	-.156	.044	-.043	-.419
230	1338	-.157	.044	-.034	-.603
230	1339	-.172	.080	-.006	-1.182
230	1340	-.168	.068	.008	-.726
230	1341	-.162	.042	-.047	-.417
230	1342	-.168	.049	-.052	-.751
230	1343	-.166	.053	-.043	-.747
230	1344	-.155	.064	.007	-.776
230	1345	-.157	.059	-.009	-.636
230	1346	-.150	.040	-.012	-.403
230	1347	-.139	.036	-.021	-.322
230	1348	-.150	.040	-.033	-.449
230	1349	-.132	.044	.004	-.428
230	1350	-.125	.043	.009	-.369
230	1351	-.134	.032	-.028	-.276
230	1353	-.136	.035	-.040	-.386
230	1354	-.113	.055	.031	-.446
230	1355	-.101	.039	.034	-.312
230	1356	-.135	.037	-.022	-.340
230	1357	-.165	.047	-.050	-.456
230	1358	-.171	.058	-.037	-.737
230	1359	-.080	.033	.090	-.184
230	1360	-.106	.035	.081	-.272
230	1361	-.128	.033	.007	-.312
230	1362	-.145	.051	-.001	-.627
230	1401	-.563	.204	-.125	-1.269
230	1402	-.387	.151	-.026	-1.035
230	1403	-.155	.044	.003	-.378
230	1404	-.192	.067	-.022	-.570
230	1405	-.219	.065	-.007	-.519
230	1406	-.571	.197	-.133	-1.349
230	1407	-.509	.195	.003	-1.193
230	1408	-.158	.052	.055	-.504
230	1409	-.189	.049	-.008	-.413
230	1410	-.218	.055	-.053	-.510
230	1411	-.586	.211	-.138	-1.717
230	1412	-.480	.220	-.029	-1.792
230	1413	-.165	.047	-.009	-.421
230	1414	-.184	.046	-.041	-.422
230	1415	-.213	.052	-.062	-.487
230	1416	-.517	.187	-.097	-1.410
230	1417	-.402	.196	-.006	-1.334
230	1418	-.164	.043	-.049	-.363
230	1419	-.188	.046	-.042	-.381
230	1420	-.202	.051	-.062	-.417
230	1421	-.459	.161	-.140	-1.388
230	1422	-.357	.158	-.068	-1.109
230	1423	-.172	.040	-.016	-.410
230	1424	-.190	.042	-.035	-.381
230	1425	-.201	.049	-.064	-.444
230	1426	-.389	.127	-.073	-1.101
230	1427	-.277	.101	-.064	-.973
230	1428	-.179	.038	-.075	-.405
230	1429	-.179	.042	-.054	-.414
230	1430	-.172	.048	-.037	-.553
230	1431	-.215	.091	.027	-.742
230	1432	-.200	.058	.025	-.507
230	1433	-.163	.039	-.050	-.400
230	1434	-.151	.046	-.003	-.367
230	1435	-.237	.054	-.100	-.583
230	1436	-.202	.059	-.034	-.534
230	1437	-.155	.040	-.033	-.447
230	1438	-.147	.038	-.017	-.381
230	1439	-.152	.048	-.021	-.425
230	1440	-.242	.062	-.087	-.636
230	1441	-.253	.067	-.096	-.732
230	1442	-.137	.038	.003	-.335
230	1443	-.133	.040	.003	-.326
230	1444	-.139	.045	.012	-.430
230	1445	-.176	.054	-.011	-.579
230	1446	-.169	.042	-.052	-.425
230	1447	-.134	.035	-.024	-.345
230	1448	-.115	.035	.016	-.276
230	1449	-.115	.036	.029	-.284
230	1450	-.150	.076	.244	-.480
230	1451	-.167	.066	.095	-.505
230	1452	-.143	.044	.056	-.321
230	1453	-.220	.055	-.061	-.563
230	1454	-.071	.036	.109	-.187
230	1455	-.082	.032	.027	-.199
230	1456	-.094	.034	.037	-.241
230	1901	-.067	.035	.093	-.160
230	1902	.080	.075	.576	-.095
230	1903	-.157	.040	.045	-.326
230	1904	-.073	.033	.102	-.184
230	1905	-.070	.135	.316	-.642
230	1906	-.006	.116	.446	-.460
230	2101	.283	.232	1.098	-.314
230	2102	.273	.223	1.032	-.314
230	2103	.193	.196	.986	-.424
230	2104	.110	.172	.755	-.437
230	2105	.032	.145	.605	-.512
230	2106	.139	.153	.894	-.536
230	2107	.143	.135	.857	-.471
230	2108	.119	.111	.708	-.186
230	2109	-.008	.099	.594	-.283
230	2110	-.103	.087	.406	-.424
230	2111	.025	.073	.373	-.334
230	2112	.042	.067	.375	-.230
230	2113	.033	.067	.469	-.193
230	2114	-.074	.079	.332	-.444
230	2115	-.150	.082	.170	-.503
230	2116	-.005	.048	.198	-.284
230	2117	.003	.045	.233	-.222
230	2118	-.026	.046	.205	-.229
230	2119	-.155	.064	.099	-.475
230	2120	-.266	.121	.114	-1.023
230	2121	-.237	.085	.149	-.705
230	2201	-.214	.093	.025	-1.389
230	2202	-.225	.098	.026	-1.210
230	2203	-.244	.129	.072	-.935
230	2204	-.211	.081	-.013	-.724
230	2205	-.223	.092	.049	-1.119
230	2206	-.260	.124	.061	-1.029
230	2207	-.221	.056	-.084	-.435

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	2208	-.286	.106	-.057	-1.018
230	2209	-.279	.098	-.023	-.944
230	2210	-.255	.090	.167	-.795
230	2211	-.188	.069	.039	-.760
230	2212	-.197	.062	.018	-.668
230	2301	-.189	.085	.031	-.657
230	2302	-.182	.079	.037	-.601
230	2303	-.165	.059	.037	-.428
230	2304	-.161	.054	.020	-.426
230	2305	-.159	.055	.016	-.459
230	2306	-.169	.051	-.006	-.408
230	2307	-.171	.047	-.036	-.383
230	2308	-.201	.071	-.015	-.967
230	2309	-.185	.055	.003	-.512
230	2310	-.172	.037	-.037	-.303
230	2311	-.178	.037	-.044	-.314
230	2312	-.179	.038	-.020	-.328
230	2313	-.175	.044	-.039	-.404
230	2314	-.180	.046	-.026	-.410
230	2315	-.249	.067	-.061	-.548
230	2316	-.244	.064	-.103	-.675
230	2317	-.209	.044	-.070	-.354
230	2318	-.214	.045	-.080	-.370
230	2319	-.212	.046	-.078	-.391
230	2320	-.201	.046	-.074	-.393
230	2321	-.202	.046	-.065	-.415
230	2322	-.226	.068	-.005	-.669
230	2323	-.220	.067	-.015	-.696
230	2324	-.167	.041	-.040	-.372
230	2325	-.171	.042	-.029	-.359
230	2326	-.255	.067	-.094	-.620
230	2327	-.248	.057	-.112	-.488
230	2401	-.175	.055	.055	-.406
230	2402	-.156	.056	.092	-.434
230	2403	-.093	.252	.485	-1.270
230	2404	-.186	.256	.636	-1.312
230	2405	-.195	.050	-.042	-.436
230	2406	-.191	.055	-.029	-.469
230	2407	.053	.205	.722	-.838
230	2408	.036	.217	.826	-.800
230	2409	-.186	.040	-.045	-.336
230	2410	-.149	.035	-.026	-.291
230	2411	.014	.087	.428	-.368
230	2412	.007	.092	.441	-.320
230	2413	-.224	.055	-.076	-.475
230	2414	-.170	.045	-.002	-.340
230	2415	.030	.055	.336	-.141
230	2416	.018	.047	.242	-.199
240	1101	.027	.171	.718	-.990
240	1102	-.003	.098	.398	-.502
240	1103	-.070	.069	.202	-.384
240	1104	-.167	.065	.059	-.487
240	1105	.046	.114	.451	-.522
240	1106	-.041	.072	.273	-.377
240	1107	-.176	.061	.153	-.453
240	1108	.052	.117	.519	-.482
240	1109	-.047	.064	.269	-.352
240	1110	-.171	.063	.141	-.496
240	1111	.028	.218	.838	-1.130
240	1112	.039	.189	.780	-1.064
240	1113	.042	.112	.586	-.487
240	1114	-.050	.059	.211	-.344
240	1115	-.178	.066	.094	-.523
240	1116	.062	.180	.940	-1.143
240	1117	.011	.192	.832	-1.217
240	1118	.033	.151	.624	-.818
240	1119	.059	.113	.729	-.442
240	1120	.013	.138	.614	-.715
240	1121	.025	.129	.592	-.686
240	1122	.011	.081	.378	-.619
240	1123	-.073	.047	.249	-.271
240	1124	-.173	.057	.134	-.414
240	1125	.037	.112	.739	-.425
240	1126	.065	.117	.901	-.283
240	1127	.046	.117	.747	-.390
240	1128	-.026	.098	.380	-.491
240	1129	-.000	.093	.511	-.464
240	1130	.001	.068	.367	-.317
240	1131	-.066	.046	.155	-.259
240	1132	-.177	.058	.002	-.465
240	1133	.002	.089	.425	-.792
240	1134	.035	.091	.541	-.280
240	1135	.032	.094	.667	-.203
240	1136	-.015	.085	.397	-.398
240	1137	-.009	.079	.378	-.399
240	1138	-.003	.054	.299	-.204
240	1139	-.071	.039	.107	-.237
240	1140	-.167	.052	.008	-.446
240	1141	.006	.076	.490	-.321
240	1142	.037	.082	.483	-.280
240	1143	.022	.084	.522	-.222
240	1144	-.041	.049	.246	-.212
240	1145	-.008	.051	.236	-.323
240	1146	.001	.049	.299	-.193
240	1147	.007	.050	.301	-.239
240	1148	.007	.059	.360	-.296
240	1149	-.017	.050	.303	-.232
240	1150	-.024	.053	.405	-.272
240	1151	-.010	.054	.409	-.279
240	1152	-.049	.033	.115	-.155
240	1153	-.013	.040	.209	-.179
240	1154	-.019	.042	.150	-.176
240	1155	-.029	.042	.198	-.166
240	1156	-.065	.038	.158	-.199
240	1157	-.054	.034	.072	-.212
240	1158	-.053	.032	.089	-.159
240	1159	-.051	.036	.095	-.232
240	1160	-.035	.030	.128	-.132
240	1161	-.040	.035	.308	-.173
240	1162	-.053	.039	.107	-.240
240	1163	-.029	.036	.161	-.146
240	1164	.000	.039	.221	-.106
240	1165	.012	.053	.336	-.140
240	1166	-.001	.054	.294	-.137
240	1167	-.016	.052	.299	-.157
240	1168	-.029	.035	.232	-.174
240	1169	-.030	.036	.207	-.216
240	1170	.003	.044	.258	-.255
240	1171	.001	.040	.218	-.110
240	1172	.005	.040	.197	-.105
240	1201	-.127	.063	.143	-.432
240	1202	-.068	.082	.231	-.449
240	1203	-.015	.093	.400	-.350
240	1204	-.001	.109	.544	-.291
240	1205	-.024	.153	.540	-.907
240	1206	-.007	.265	.811	-1.500
240	1207	-.138	.058	.120	-.337
240	1208	-.079	.067	.243	-.331
240	1209	-.011	.094	.416	-.256
240	1210	.018	.109	.624	-.303
240	1211	.017	.200	.767	-1.186
240	1212	-.015	.259	.858	-1.206
240	1213	-.149	.050	.120	-.350
240	1214	-.087	.060	.171	-.301
240	1215	-.031	.080	.436	-.290
240	1216	.005	.102	.516	-.411
240	1217	-.001	.209	.692	-1.031
240	1218	-.036	.255	.823	-1.178
240	1219	-.170	.058	.043	-.393
240	1220	-.102	.053	.113	-.284
240	1221	-.049	.182	.708	-1.014
240	1222	-.050	.248	.714	-1.535
240	1223	-.139	.048	.087	-.310
240	1224	-.093	.057	.195	-.276
240	1225	-.028	.079	.395	-.304
240	1226	.000	.104	.518	-.478
240	1227	-.053	.190	.479	-1.434
240	1228	-.066	.239	.849	-1.150
240	1229	-.140	.046	.164	-.317
240	1230	-.090	.060	.296	-.362

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1231	-.052	.066	.293	-.269
240	1232	-.032	.085	.392	-.491
240	1233	-.081	.169	.527	-1.290
240	1234	-.105	.176	.601	-1.279
240	1235	-.138	.047	.042	-.395
240	1236	-.114	.056	.148	-.368
240	1237	-.080	.067	.253	-.463
240	1238	-.064	.081	.345	-.619
240	1239	-.141	.151	.297	-.982
240	1240	-.121	.155	.501	-1.168
240	1241	-.137	.039	.021	-.302
240	1242	-.101	.038	.102	-.255
240	1243	-.059	.042	.141	-.304
240	1244	-.057	.060	.240	-.430
240	1245	-.132	.115	.256	-1.110
240	1246	-.124	.105	.345	-.716
240	1247	-.118	.036	-.001	-.324
240	1248	-.089	.036	.079	-.233
240	1249	-.056	.042	.142	-.199
240	1250	-.059	.053	.180	-.277
240	1251	-.103	.086	.177	-.856
240	1252	-.100	.077	.208	-.655
240	1253	-.112	.038	.030	-.337
240	1254	-.098	.031	.034	-.235
240	1255	-.100	.031	-.004	-.282
240	1256	-.091	.029	.004	-.255
240	1257	-.085	.027	.012	-.230
240	1258	-.042	.034	.152	-.147
240	1259	-.040	.039	.214	-.227
240	1260	-.060	.043	.201	-.344
240	1261	-.074	.052	.138	-.409
240	1262	-.096	.029	-.006	-.279
240	1263	-.082	.027	.020	-.198
240	1264	-.076	.027	.034	-.177
240	1265	-.088	.024	-.004	-.192
240	1266	-.076	.022	.006	-.183
240	1267	-.067	.024	.073	-.152
240	1268	-.041	.029	.178	-.129
240	1269	-.035	.031	.141	-.183
240	1270	-.048	.032	.082	-.195
240	1271	-.048	.032	.080	-.270
240	1272	-.096	.025	-.001	-.230
240	1273	-.080	.024	.079	-.183
240	1274	-.068	.024	.056	-.150
240	1275	-.041	.031	.123	-.131
240	1276	-.032	.031	.135	-.124
240	1277	-.044	.030	.086	-.216
240	1278	-.041	.031	.079	-.197
240	1279	-.018	.039	.174	-.121
240	1280	-.025	.036	.136	-.117

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1281	-.031	.036	.115	-.196
240	1301	-.230	.060	-.068	-.490
240	1302	-.199	.051	-.054	-.431
240	1303	-.216	.052	-.075	-.474
240	1304	-.205	.051	-.054	-.418
240	1305	-.202	.052	-.064	-.403
240	1306	-.196	.052	-.045	-.409
240	1307	-.214	.052	-.060	-.433
240	1308	-.210	.049	-.069	-.445
240	1309	-.210	.049	-.071	-.423
240	1310	-.198	.048	-.073	-.429
240	1311	-.202	.050	-.054	-.412
240	1312	-.219	.050	-.096	-.452
240	1313	-.218	.057	-.074	-.513
240	1314	-.192	.046	-.064	-.384
240	1315	-.191	.047	-.062	-.392
240	1316	-.207	.045	-.077	-.410
240	1317	-.186	.043	-.064	-.408
240	1318	-.187	.040	-.068	-.348
240	1319	-.177	.036	-.076	-.335
240	1320	-.196	.049	-.077	-.535
240	1321	-.182	.048	-.059	-.530
240	1322	-.179	.043	-.067	-.394
240	1323	-.168	.043	-.064	-.365
240	1324	-.181	.052	-.039	-.485
240	1325	-.159	.057	-.025	-.577
240	1326	-.173	.039	-.061	-.344
240	1327	-.171	.039	-.055	-.348
240	1328	-.174	.040	-.045	-.370
240	1329	-.141	.062	.073	-.551
240	1330	-.136	.057	.057	-.548
240	1331	-.153	.044	-.035	-.447
240	1332	-.166	.041	-.056	-.470
240	1333	-.158	.042	-.040	-.462
240	1334	-.113	.045	.022	-.520
240	1335	-.112	.041	.050	-.498
240	1336	-.123	.038	.045	-.452
240	1337	-.148	.048	-.033	-.722
240	1338	-.150	.056	-.020	-.865
240	1339	-.130	.060	.058	-.636
240	1340	-.126	.050	.022	-.568
240	1341	-.137	.038	-.026	-.388
240	1342	-.158	.059	.002	-.710
240	1343	-.160	.071	.081	-1.065
240	1344	-.115	.048	.040	-.478
240	1345	-.111	.041	.046	-.314
240	1346	-.128	.038	-.007	-.326
240	1347	-.110	.033	.005	-.306
240	1348	-.139	.044	.008	-.677
240	1349	-.091	.032	.011	-.295

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1350	-.086	.031	.011	-.328
240	1351	-.105	.029	-.016	-.257
240	1353	-.110	.031	-.017	-.291
240	1354	-.077	.031	.040	-.311
240	1355	-.075	.026	.015	-.167
240	1356	-.098	.028	-.005	-.314
240	1357	-.120	.040	-.019	-.358
240	1358	-.135	.047	-.036	-.452
240	1359	-.070	.028	.130	-.164
240	1360	-.077	.026	.042	-.208
240	1361	-.100	.027	.007	-.236
240	1362	-.106	.036	.011	-.495
240	1401	-.422	.176	-.060	-1.171
240	1402	-.277	.117	-.009	-.935
240	1403	-.171	.080	-.028	-.942
240	1404	-.208	.078	-.031	-.710
240	1405	-.199	.063	-.036	-.578
240	1406	-.418	.162	-.070	-1.232
240	1407	-.430	.178	-.054	-1.324
240	1408	-.144	.042	-.021	-.356
240	1409	-.169	.042	-.037	-.356
240	1410	-.188	.046	-.058	-.402
240	1411	-.409	.159	-.033	-1.281
240	1412	-.332	.144	-.032	-1.007
240	1413	-.147	.037	-.024	-.313
240	1414	-.164	.041	-.019	-.372
240	1415	-.189	.044	-.057	-.432
240	1416	-.397	.150	-.047	-1.106
240	1417	-.314	.130	-.037	-1.079
240	1418	-.154	.040	-.051	-.332
240	1419	-.171	.041	-.037	-.337
240	1420	-.185	.045	-.062	-.391
240	1421	-.365	.131	-.078	-.992
240	1422	-.296	.114	-.060	-.936
240	1423	-.162	.037	-.048	-.322
240	1424	-.172	.039	-.029	-.323
240	1425	-.178	.045	-.037	-.383
240	1426	-.289	.096	-.079	-.844
240	1427	-.220	.072	-.051	-.610
240	1428	-.164	.036	-.069	-.326
240	1429	-.151	.039	-.049	-.390
240	1430	-.142	.047	-.015	-.452
240	1431	-.162	.059	.041	-.561
240	1432	-.168	.045	.029	-.475
240	1433	-.128	.035	-.024	-.295
240	1434	-.117	.038	-.003	-.323
240	1435	-.200	.054	-.068	-.504
240	1436	-.173	.053	-.028	-.410
240	1437	-.123	.037	-.010	-.328
240	1438	-.115	.035	-.000	-.290

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1439	-.110	.036	-.002	-.305
240	1440	-.189	.049	-.062	-.460
240	1441	-.202	.057	-.060	-.528
240	1442	-.101	.032	.008	-.347
240	1443	-.098	.033	.015	-.286
240	1444	-.101	.036	.012	-.316
240	1445	-.143	.041	-.013	-.428
240	1446	-.151	.036	-.031	-.315
240	1447	-.115	.032	-.021	-.292
240	1448	-.085	.029	.050	-.185
240	1449	-.082	.029	.021	-.192
240	1450	-.116	.053	.167	-.400
240	1451	-.134	.047	.091	-.355
240	1452	-.121	.037	.078	-.293
240	1453	-.174	.052	-.032	-.469
240	1454	-.075	.028	.077	-.184
240	1455	-.070	.026	.039	-.156
240	1456	-.076	.026	.036	-.185
240	1901	-.063	.028	.133	-.161
240	1902	.046	.073	.666	-.104
240	1903	-.133	.034	-.028	-.337
240	1904	-.059	.028	.076	-.144
240	1905	-.069	.124	.302	-.605
240	1906	-.052	.108	.305	-.420
240	2101	.172	.196	1.035	-.427
240	2102	.166	.196	1.067	-.395
240	2103	.142	.183	.825	-.306
240	2104	.077	.154	.718	-.373
240	2105	-.002	.110	.468	-.480
240	2106	.079	.119	.826	-.337
240	2107	.086	.116	.706	-.182
240	2108	.070	.103	.723	-.211
240	2109	-.031	.079	.332	-.389
240	2110	-.108	.069	.215	-.483
240	2111	-.025	.058	.275	-.299
240	2112	-.010	.056	.299	-.213
240	2113	-.005	.052	.327	-.199
240	2114	-.091	.059	.215	-.425
240	2115	-.155	.067	.061	-.609
240	2116	-.032	.040	.202	-.247
240	2117	-.027	.040	.128	-.232
240	2118	-.038	.045	.137	-.271
240	2119	-.112	.058	.122	-.414
240	2120	-.190	.108	.105	-.786
240	2121	-.182	.085	.082	-.635
240	2201	-.184	.070	.012	-.494
240	2202	-.193	.074	.023	-.568
240	2203	-.218	.108	.059	-.911
240	2204	-.188	.068	.005	-.876
240	2205	-.192	.072	-.019	-1.101

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	2206	-.231	.100	.002	-.957
240	2207	-.193	.050	-.042	-.403
240	2208	-.274	.114	-.008	-1.739
240	2209	-.261	.108	-.016	-.800
240	2210	-.206	.085	.142	-.647
240	2211	-.153	.063	.060	-.829
240	2212	-.160	.059	-.001	-.704
240	2301	-.159	.071	.053	-.542
240	2302	-.153	.066	.043	-.473
240	2303	-.142	.047	.024	-.409
240	2304	-.137	.042	.020	-.368
240	2305	-.134	.045	.048	-.470
240	2306	-.144	.043	-.009	-.361
240	2307	-.147	.040	-.028	-.332
240	2308	-.175	.054	.015	-.465
240	2309	-.161	.043	-.026	-.353
240	2310	-.150	.032	-.038	-.279
240	2311	-.157	.032	-.051	-.283
240	2312	-.156	.033	-.060	-.288
240	2313	-.153	.038	-.048	-.338
240	2314	-.157	.040	-.050	-.335
240	2315	-.226	.072	-.053	-.591
240	2316	-.210	.065	.032	-.653
240	2317	-.185	.047	-.062	-.439
240	2318	-.192	.048	-.081	-.420
240	2319	-.195	.049	-.084	-.419
240	2320	-.184	.048	-.070	-.383
240	2321	-.183	.049	-.064	-.400
240	2322	-.191	.064	-.053	-.641
240	2323	-.188	.065	-.043	-.658
240	2324	-.134	.037	-.013	-.272
240	2325	-.141	.039	-.043	-.295
240	2326	-.243	.069	-.086	-.600
240	2327	-.244	.061	-.094	-.555
240	2401	-.138	.050	.030	-.311
240	2402	-.119	.058	.097	-.313
240	2403	-.054	.210	.559	-1.368
240	2404	-.125	.241	.619	-1.695
240	2405	-.172	.044	-.053	-.387
240	2406	-.171	.045	-.055	-.402
240	2407	-.023	.151	.534	-.813
240	2408	-.052	.156	.572	-.721
240	2409	-.166	.041	-.070	-.333
240	2410	-.139	.033	-.031	-.280
240	2411	-.040	.061	.235	-.351
240	2412	-.050	.064	.248	-.359
240	2413	-.201	.057	-.039	-.523
240	2414	-.154	.040	.017	-.357
240	2415	-.007	.048	.212	-.111
240	2416	-.011	.043	.176	-.125

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1101	-.046	.185	.512	-1.092
250	1102	.017	.102	.348	-.841
250	1103	-.032	.073	.196	-.718
250	1104	-.151	.076	.085	-.947
250	1105	.044	.104	.387	-.696
250	1106	-.019	.069	.280	-.408
250	1107	-.174	.070	.117	-.468
250	1108	.070	.098	.466	-.431
250	1109	-.021	.058	.214	-.336
250	1110	-.165	.069	.133	-.468
250	1111	-.041	.214	.619	-1.370
250	1112	.005	.174	.505	-1.132
250	1113	.048	.091	.381	-.362
250	1114	-.031	.052	.168	-.219
250	1115	-.184	.073	.125	-.498
250	1116	.101	.185	1.013	-.960
250	1117	-.055	.176	.576	-.985
250	1118	.012	.136	.490	-.703
250	1119	.137	.140	.767	-.498
250	1120	-.108	.125	.276	-.764
250	1121	-.084	.127	.275	-.757
250	1122	.031	.076	.345	-.463
250	1123	-.053	.048	.147	-.326
250	1124	-.171	.063	.056	-.536
250	1125	.057	.134	.768	-.692
250	1126	.063	.120	.741	-.442
250	1127	-.007	.088	.486	-.660
250	1128	-.069	.103	.282	-.576
250	1129	-.067	.087	.245	-.527
250	1130	-.029	.057	.224	-.492
250	1131	-.065	.042	.110	-.275
250	1132	-.150	.056	.022	-.399
250	1133	-.014	.102	.477	-.709
250	1134	.000	.083	.452	-.488
250	1135	-.019	.073	.335	-.397
250	1136	-.069	.071	.184	-.529
250	1137	-.058	.067	.214	-.541
250	1138	-.037	.048	.156	-.478
250	1139	-.069	.038	.083	-.238
250	1140	-.130	.046	.113	-.353
250	1141	-.035	.061	.448	-.379
250	1142	-.019	.058	.443	-.370
250	1143	-.036	.055	.260	-.269
250	1144	-.056	.044	.096	-.244
250	1145	-.037	.037	.096	-.241
250	1146	-.025	.039	.135	-.205
250	1147	-.017	.040	.150	-.164
250	1148	-.020	.045	.183	-.181
250	1149	-.035	.038	.148	-.217
250	1150	-.045	.038	.134	-.202

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1151	-.036	.038	.158	-.184
250	1152	-.046	.038	.229	-.221
250	1153	-.033	.031	.109	-.155
250	1154	-.030	.040	.197	-.240
250	1155	-.039	.041	.184	-.169
250	1156	-.067	.038	.128	-.253
250	1157	-.042	.032	.079	-.236
250	1158	-.046	.033	.102	-.281
250	1159	-.042	.036	.102	-.190
250	1160	-.032	.030	.179	-.128
250	1161	-.037	.034	.117	-.174
250	1162	-.041	.034	.102	-.217
250	1163	-.029	.033	.107	-.144
250	1164	-.016	.034	.210	-.117
250	1165	-.013	.043	.207	-.118
250	1166	-.013	.054	.393	-.133
250	1167	-.018	.055	.394	-.136
250	1168	-.036	.031	.079	-.134
250	1169	-.032	.032	.081	-.284
250	1170	-.021	.034	.181	-.140
250	1171	-.024	.030	.142	-.104
250	1172	-.020	.030	.157	-.102
250	1201	-.106	.065	.177	-.509
250	1202	-.035	.075	.299	-.518
250	1203	.050	.096	.440	-.255
250	1204	.102	.122	.594	-.286
250	1205	.184	.196	.893	-.471
250	1206	.287	.229	1.182	-.772
250	1207	-.118	.060	.128	-.345
250	1208	-.035	.074	.296	-.259
250	1209	.042	.093	.461	-.294
250	1210	.117	.118	.627	-.224
250	1211	.228	.180	.968	-.448
250	1212	.277	.226	.978	-.552
250	1213	-.139	.055	.066	-.346
250	1214	-.069	.056	.174	-.251
250	1215	.015	.079	.407	-.206
250	1216	.096	.110	.552	-.180
250	1217	.185	.166	.856	-.539
250	1218	.208	.206	1.065	-.732
250	1219	-.165	.064	.097	-.445
250	1220	-.062	.059	.235	-.273
250	1221	.163	.177	.880	-.507
250	1222	.178	.202	1.101	-.753
250	1223	-.133	.054	.067	-.381
250	1224	-.072	.057	.186	-.278
250	1225	.023	.075	.431	-.226
250	1226	.096	.106	.575	-.234
250	1227	.161	.182	.938	-.559
250	1228	.174	.205	.985	-.823
250	1229	-.135	.051	.032	-.328
250	1230	-.072	.057	.159	-.290
250	1231	-.033	.073	.293	-.334
250	1232	.023	.088	.399	-.257
250	1233	.066	.142	.657	-.635
250	1234	.060	.174	.732	-.783
250	1235	-.136	.053	.037	-.390
250	1236	-.110	.062	.067	-.439
250	1237	-.068	.075	.174	-.443
250	1238	-.030	.091	.348	-.554
250	1239	.008	.126	.529	-.521
250	1240	-.005	.165	.624	-.767
250	1241	-.123	.048	.018	-.346
250	1242	-.083	.040	.075	-.231
250	1243	-.051	.044	.159	-.202
250	1244	-.014	.061	.273	-.285
250	1245	-.040	.092	.406	-.461
250	1246	-.034	.116	.482	-.757
250	1247	-.118	.038	-.003	-.445
250	1248	-.077	.035	.039	-.238
250	1249	-.043	.040	.142	-.246
250	1250	-.035	.047	.262	-.234
250	1251	-.054	.063	.285	-.476
250	1252	-.072	.079	.271	-.556
250	1253	-.113	.040	.024	-.372
250	1254	-.086	.031	.079	-.219
250	1255	-.101	.034	.041	-.257
250	1256	-.092	.031	.031	-.222
250	1257	-.088	.029	.040	-.216
250	1258	-.045	.032	.121	-.181
250	1259	-.037	.039	.179	-.196
250	1260	-.055	.041	.129	-.406
250	1261	-.056	.041	.177	-.271
250	1262	-.098	.038	.022	-.396
250	1263	-.083	.030	.003	-.241
250	1264	-.075	.029	.020	-.231
250	1265	-.082	.027	.017	-.223
250	1266	-.069	.026	.027	-.174
250	1267	-.059	.027	.050	-.163
250	1268	-.033	.033	.118	-.144
250	1269	-.030	.035	.145	-.144
250	1270	-.036	.035	.119	-.267
250	1271	-.037	.034	.109	-.252
250	1272	-.076	.029	.049	-.261
250	1273	-.062	.030	.101	-.167
250	1274	-.042	.034	.163	-.133
250	1275	-.010	.044	.240	-.109
250	1276	-.011	.039	.208	-.104
250	1277	-.027	.031	.131	-.160
250	1278	-.029	.031	.202	-.123
250	1279	.001	.046	.342	-.101
250	1280	-.012	.041	.272	-.111
250	1281	-.018	.032	.148	-.111
250	1301	-.243	.081	-.023	-.700
250	1302	-.197	.069	-.034	-.478
250	1303	-.207	.069	-.043	-.550
250	1304	-.200	.072	.004	-.492
250	1305	-.210	.072	.008	-.480
250	1306	-.200	.066	-.022	-.449
250	1307	-.212	.067	-.027	-.470
250	1308	-.211	.071	-.028	-.538
250	1309	-.210	.064	-.036	-.472
250	1310	-.202	.062	-.027	-.497
250	1311	-.182	.063	-.022	-.447
250	1312	-.189	.059	-.029	-.461
250	1313	-.186	.064	-.029	-.501
250	1314	-.183	.059	-.021	-.468
250	1315	-.181	.061	-.018	-.495
250	1316	-.188	.055	-.048	-.433
250	1317	-.173	.052	-.039	-.383
250	1318	-.176	.048	-.047	-.357
250	1319	-.169	.048	-.043	-.398
250	1320	-.173	.060	-.008	-.491
250	1321	-.164	.059	-.027	-.468
250	1322	-.161	.050	-.042	-.370
250	1323	-.152	.052	-.018	-.411
250	1324	-.166	.067	.026	-.687
250	1325	-.151	.063	-.020	-.563
250	1326	-.154	.044	-.003	-.383
250	1327	-.152	.049	.002	-.507
250	1328	-.156	.051	.019	-.516
250	1329	-.147	.075	.084	-.774
250	1330	-.142	.065	.040	-.713
250	1331	-.137	.041	.001	-.337
250	1332	-.145	.049	-.028	-.471
250	1333	-.137	.048	-.016	-.444
250	1334	-.114	.055	.015	-.865
250	1335	-.113	.050	.009	-.662
250	1336	-.118	.040	-.015	-.406
250	1337	-.141	.076	.015	-.902
250	1338	-.138	.067	-.005	-.876
250	1339	-.125	.065	.027	-.739
250	1340	-.122	.056	.000	-.676
250	1341	-.131	.051	.002	-.558
250	1342	-.143	.071	.020	-1.223
250	1343	-.142	.076	.033	-.710
250	1344	-.113	.054	.021	-.472
250	1345	-.109	.052	.017	-.545
250	1346	-.118	.047	.058	-.435
250	1347	-.103	.043	.019	-.354

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1348	-.125	.051	.016	-.533
250	1349	-.076	.033	.025	-.375
250	1350	-.074	.031	.028	-.220
250	1351	-.093	.031	.001	-.245
250	1353	-.093	.032	.027	-.287
250	1354	-.057	.031	.121	-.320
250	1355	-.052	.029	.079	-.195
250	1356	-.085	.037	.015	-.382
250	1357	-.096	.035	.004	-.310
250	1358	-.097	.045	.016	-.522
250	1359	-.039	.033	.153	-.130
250	1360	-.049	.031	.145	-.161
250	1361	-.087	.036	.030	-.357
250	1362	-.096	.052	-.001	-.548
250	1401	-.481	.200	-.080	-1.331
250	1402	-.263	.115	.001	-1.020
250	1403	-.263	.136	-.034	-.876
250	1404	-.246	.101	.012	-.722
250	1405	-.230	.091	-.014	-.849
250	1406	-.467	.173	.110	-1.179
250	1407	-.296	.133	.017	-.950
250	1408	-.143	.046	.062	-.357
250	1409	-.171	.049	-.017	-.371
250	1410	-.194	.056	-.051	-.431
250	1411	-.475	.177	-.086	-1.205
250	1412	-.377	.170	-.033	-1.048
250	1413	-.149	.042	-.025	-.419
250	1414	-.163	.048	-.002	-.477
250	1415	-.192	.054	-.057	-.531
250	1416	-.430	.157	-.025	-1.282
250	1417	-.337	.142	-.002	-1.125
250	1418	-.131	.040	.001	-.323
250	1419	-.148	.046	.002	-.341
250	1420	-.165	.052	-.030	-.393
250	1421	-.297	.123	-.037	-.937
250	1422	-.241	.103	-.032	-.731
250	1423	-.132	.036	-.016	-.282
250	1424	-.143	.042	.041	-.331
250	1425	-.154	.050	-.032	-.433
250	1426	-.227	.093	-.036	-.699
250	1427	-.190	.070	-.028	-.592
250	1428	-.147	.039	-.036	-.332
250	1429	-.143	.045	-.026	-.363
250	1430	-.140	.053	-.008	-.479
250	1431	-.128	.051	.032	-.413
250	1432	-.140	.044	-.019	-.427
250	1433	-.108	.037	-.010	-.320
250	1434	-.106	.040	.021	-.367
250	1435	-.178	.060	-.042	-.568
250	1436	-.133	.051	.031	-.377

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1437	-.098	.035	.020	-.244
250	1438	-.097	.034	.014	-.263
250	1439	-.098	.037	.010	-.337
250	1440	-.154	.049	-.045	-.406
250	1441	-.166	.059	-.046	-.453
250	1442	-.089	.033	.042	-.247
250	1443	-.084	.033	.032	-.309
250	1444	-.091	.037	.022	-.353
250	1445	-.108	.037	.046	-.280
250	1446	-.113	.035	-.014	-.341
250	1447	-.086	.032	.055	-.253
250	1448	-.068	.029	.089	-.203
250	1449	-.068	.029	.071	-.232
250	1450	-.091	.050	.228	-.299
250	1451	-.097	.044	.148	-.310
250	1452	-.085	.032	.073	-.219
250	1453	-.118	.046	-.005	-.415
250	1454	-.060	.027	.069	-.153
250	1455	-.053	.030	.079	-.162
250	1456	-.057	.030	.078	-.166
250	1901	-.025	.042	.322	-.116
250	1902	.001	.052	.450	-.113
250	1903	-.095	.029	.019	-.234
250	1904	-.052	.029	.085	-.155
250	1905	-.118	.173	.391	-.880
250	1906	-.084	.113	.373	-.632
250	2101	.269	.215	1.113	-.630
250	2102	.228	.185	.931	-.249
250	2103	.093	.137	.752	-.249
250	2104	.006	.107	.513	-.312
250	2105	-.055	.081	.300	-.311
250	2106	.116	.139	.783	-.819
250	2107	.108	.112	.685	-.231
250	2108	.038	.072	.394	-.223
250	2109	-.072	.049	.178	-.224
250	2110	-.133	.047	.097	-.327
250	2111	-.016	.078	.525	-.425
250	2112	-.003	.064	.462	-.333
250	2113	-.012	.048	.226	-.237
250	2114	-.101	.055	.099	-.345
250	2115	-.163	.065	.028	-.513
250	2116	-.024	.040	.171	-.209
250	2117	-.014	.042	.233	-.191
250	2118	-.027	.042	.144	-.182
250	2119	-.094	.073	.253	-.344
250	2120	-.168	.138	.411	-1.039
250	2121	-.097	.095	.277	-.516
250	2201	-.148	.051	.006	-.389
250	2202	-.151	.053	.032	-.407
250	2203	-.168	.070	.020	-.564

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	2204	-.153	.043	-.020	-.360
250	2205	-.163	.051	-.001	-.590
250	2206	-.195	.070	.044	-.656
250	2207	-.191	.066	-.003	-.574
250	2208	-.250	.109	-.007	-1.347
250	2209	-.195	.074	-.035	-.637
250	2210	-.129	.091	.286	-.588
250	2211	-.109	.053	.115	-.499
250	2212	-.152	.058	.029	-.606
250	2301	-.147	.062	.049	-.570
250	2302	-.143	.056	.032	-.605
250	2303	-.138	.039	-.013	-.290
250	2304	-.135	.038	-.007	-.275
250	2305	-.134	.043	.005	-.337
250	2306	-.148	.048	-.004	-.416
250	2307	-.152	.044	-.020	-.360
250	2308	-.172	.042	-.021	-.372
250	2309	-.162	.040	-.009	-.380
250	2310	-.156	.036	-.041	-.315
250	2311	-.164	.037	-.058	-.326
250	2312	-.163	.039	-.056	-.333
250	2313	-.148	.036	-.046	-.309
250	2314	-.153	.038	-.043	-.329
250	2315	-.182	.054	-.062	-.537
250	2316	-.179	.053	-.028	-.424
250	2317	-.152	.042	-.033	-.341
250	2318	-.159	.044	-.053	-.345
250	2319	-.164	.044	-.051	-.384
250	2320	-.178	.061	-.049	-.734
250	2321	-.178	.060	-.036	-.740
250	2322	-.171	.049	-.033	-.441
250	2323	-.174	.051	-.041	-.422
250	2324	-.101	.032	.001	-.250
250	2325	-.108	.032	-.026	-.258
250	2326	-.194	.079	-.028	-.680
250	2327	-.208	.073	-.041	-.594
250	2401	-.098	.051	.159	-.287
250	2402	-.055	.068	.301	-.274
250	2403	.178	.185	.843	-.794
250	2404	.202	.230	.989	-.748
250	2405	-.152	.042	-.035	-.340
250	2406	-.148	.044	-.010	-.358
250	2407	.085	.126	.639	-.534
250	2408	.090	.141	.701	-.482
250	2409	-.153	.042	-.035	-.469
250	2410	-.124	.033	-.002	-.320
250	2411	-.034	.057	.275	-.251
250	2412	-.037	.057	.290	-.251
250	2413	-.141	.053	-.013	-.427
250	2414	-.108	.036	.027	-.282

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	2415	-.028	.041	.156	-.175
250	2416	-.032	.037	.147	-.186
260	1101	-.036	.107	.380	-.726
260	1102	-.012	.073	.327	-.405
260	1103	-.051	.057	.166	-.305
260	1104	-.124	.060	.133	-.396
260	1105	.018	.078	.370	-.398
260	1106	-.024	.055	.216	-.350
260	1107	-.123	.058	.199	-.402
260	1108	.022	.080	.399	-.231
260	1109	-.034	.051	.175	-.253
260	1110	-.122	.061	.108	-.471
260	1111	-.021	.146	.573	-.879
260	1112	-.003	.118	.505	-.593
260	1113	.010	.078	.370	-.554
260	1114	-.039	.049	.212	-.385
260	1115	-.128	.064	.150	-.426
260	1116	.029	.153	.752	-.911
260	1117	-.028	.124	.506	-.745
260	1118	-.003	.104	.357	-.593
260	1119	.030	.117	.767	-.716
260	1120	-.023	.095	.410	-.502
260	1121	-.009	.087	.362	-.392
260	1122	-.004	.066	.323	-.284
260	1123	-.054	.044	.137	-.299
260	1124	-.126	.056	.094	-.377
260	1125	-.006	.090	.525	-.305
260	1126	.012	.092	.569	-.233
260	1127	.017	.087	.528	-.232
260	1128	-.044	.072	.261	-.510
260	1129	-.026	.068	.256	-.430
260	1130	-.012	.053	.240	-.242
260	1131	-.048	.042	.163	-.260
260	1132	-.130	.053	.108	-.387
260	1133	-.007	.080	.533	-.314
260	1134	.011	.078	.417	-.195
260	1135	.004	.074	.471	-.209
260	1136	-.038	.061	.310	-.381
260	1137	-.028	.056	.296	-.321
260	1138	-.016	.048	.216	-.435
260	1139	-.056	.038	.084	-.268
260	1140	-.123	.048	.019	-.416
260	1141	-.046	.050	.212	-.361
260	1142	-.031	.051	.287	-.270
260	1143	-.043	.052	.342	-.262
260	1144	-.044	.041	.179	-.290
260	1145	-.040	.038	.151	-.232
260	1146	-.031	.039	.184	-.236
260	1147	-.023	.041	.235	-.173
260	1148	-.026	.046	.303	-.179

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1149	-.048	.034	.115	-.227
260	1150	-.055	.035	.106	-.239
260	1151	-.048	.038	.101	-.239
260	1152	-.043	.035	.138	-.159
260	1153	-.020	.037	.215	-.166
260	1154	-.024	.038	.138	-.208
260	1155	-.029	.039	.191	-.212
260	1156	-.053	.036	.147	-.254
260	1157	-.049	.031	.105	-.187
260	1158	-.046	.032	.115	-.206
260	1159	-.044	.038	.189	-.242
260	1160	-.036	.033	.138	-.166
260	1161	-.056	.032	.089	-.176
260	1162	-.052	.039	.095	-.424
260	1163	-.032	.034	.128	-.139
260	1164	-.002	.038	.200	-.088
260	1165	-.006	.044	.289	-.111
260	1166	.001	.053	.268	-.128
260	1167	-.004	.053	.269	-.134
260	1168	-.035	.036	.160	-.130
260	1169	-.032	.039	.212	-.154
260	1170	-.006	.040	.179	-.199
260	1171	.000	.040	.239	-.095
260	1172	.002	.041	.248	-.106
260	1201	-.082	.057	.349	-.312
260	1202	-.046	.048	.319	-.191
260	1203	-.023	.037	.320	-.273
260	1204	.013	.037	.320	-.291
260	1205	.040	.124	.731	-.500
260	1206	.032	.152	.794	-1.095
260	1207	-.086	.050	.128	-.276
260	1208	-.054	.059	.315	-.256
260	1209	-.029	.069	.466	-.228
260	1210	-.011	.082	.474	-.277
260	1211	.034	.119	.692	-.493
260	1212	.036	.157	.766	-.942
260	1213	-.100	.044	.065	-.293
260	1214	-.064	.043	.158	-.239
260	1215	-.039	.061	.297	-.230
260	1216	-.015	.075	.370	-.298
260	1217	.003	.118	.422	-.727
260	1218	-.004	.158	.516	-.875
260	1219	-.115	.046	.094	-.364
260	1220	-.074	.044	.119	-.232
260	1221	.023	.133	.634	-.962
260	1222	-.026	.160	.701	-1.024
260	1223	-.093	.039	.080	-.273
260	1224	-.066	.043	.161	-.235
260	1225	-.034	.052	.301	-.183
260	1226	-.014	.066	.379	-.344

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1227	.025	.137	.806	-.677
260	1228	-.036	.143	.689	-.977
260	1229	-.098	.035	.060	-.292
260	1230	-.074	.038	.136	-.240
260	1231	-.058	.047	.221	-.248
260	1232	-.048	.053	.203	-.358
260	1233	-.065	.098	.326	-.779
260	1234	-.082	.114	.352	-.832
260	1235	-.094	.038	.050	-.376
260	1236	-.083	.042	.133	-.407
260	1237	-.077	.048	.219	-.368
260	1238	-.070	.055	.271	-.411
260	1239	-.079	.125	.384	-.811
260	1240	-.103	.112	.363	-.740
260	1241	-.106	.034	.016	-.284
260	1242	-.081	.028	.014	-.217
260	1243	-.061	.031	.051	-.207
260	1244	-.059	.040	.087	-.344
260	1245	-.096	.103	.227	-.918
260	1246	-.102	.084	.217	-.749
260	1247	-.093	.028	.019	-.236
260	1248	-.071	.027	.017	-.207
260	1249	-.064	.028	.058	-.207
260	1250	-.066	.036	.067	-.282
260	1251	-.086	.072	.198	-.655
260	1252	-.094	.066	.111	-.761
260	1253	-.086	.027	-.004	-.270
260	1254	-.075	.023	-.002	-.172
260	1255	-.077	.024	-.006	-.219
260	1256	-.072	.022	-.006	-.189
260	1257	-.071	.021	-.002	-.179
260	1258	-.051	.024	.077	-.170
260	1259	-.050	.030	.066	-.217
260	1260	-.065	.039	.092	-.335
260	1261	-.067	.044	.098	-.411
260	1262	-.075	.024	.024	-.241
260	1263	-.067	.022	.008	-.175
260	1264	-.063	.022	.019	-.171
260	1265	-.067	.020	.028	-.145
260	1266	-.062	.019	.008	-.136
260	1267	-.057	.020	.029	-.134
260	1268	-.044	.024	.050	-.136
260	1269	-.044	.027	.072	-.159
260	1270	-.049	.032	.109	-.197
260	1271	-.049	.033	.103	-.226
260	1272	-.065	.020	.037	-.138
260	1273	-.062	.021	.060	-.124
260	1274	-.053	.023	.084	-.131
260	1275	-.037	.030	.154	-.117
260	1276	-.034	.030	.132	-.122

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1277	-.044	.031	.088	-.177
260	1278	-.047	.031	.141	-.248
260	1279	-.027	.032	.171	-.110
260	1280	-.037	.031	.128	-.120
260	1281	-.040	.033	.104	-.236
260	1301	-.154	.058	-.003	-.474
260	1302	-.133	.048	.002	-.326
260	1303	-.143	.047	-.010	-.337
260	1304	-.136	.049	.023	-.393
260	1305	-.141	.047	-.020	-.398
260	1306	-.137	.045	-.020	-.354
260	1307	-.147	.045	-.026	-.367
260	1308	-.134	.045	.007	-.338
260	1309	-.135	.046	-.003	-.358
260	1310	-.128	.040	-.022	-.341
260	1311	-.130	.044	-.015	-.406
260	1312	-.138	.042	-.024	-.417
260	1313	-.137	.046	-.022	-.438
260	1314	-.120	.039	.003	-.297
260	1315	-.117	.039	.009	-.298
260	1316	-.128	.037	-.010	-.282
260	1317	-.117	.035	-.017	-.280
260	1318	-.122	.036	-.033	-.320
260	1319	-.117	.034	.007	-.324
260	1320	-.124	.040	-.006	-.428
260	1321	-.117	.038	-.008	-.317
260	1322	-.117	.035	-.034	-.318
260	1323	-.111	.038	-.020	-.548
260	1324	-.113	.039	.014	-.331
260	1325	-.095	.038	.001	-.574
260	1326	-.116	.033	-.023	-.294
260	1327	-.114	.037	-.010	-.360
260	1328	-.117	.038	-.011	-.382
260	1329	-.118	.039	-.023	-.703
260	1330	-.086	.033	.002	-.448
260	1331	-.091	.028	-.009	-.315
260	1332	-.107	.033	-.001	-.295
260	1333	-.102	.033	.007	-.280
260	1334	-.070	.028	.029	-.239
260	1335	-.103	.027	-.021	-.308
260	1336	-.077	.025	-.000	-.247
260	1337	-.097	.044	-.003	-.549
260	1338	-.102	.043	-.008	-.507
260	1339	-.076	.033	.009	-.538
260	1340	-.070	.030	.013	-.352
260	1341	-.109	.027	-.032	-.254
260	1342	-.100	.040	-.005	-.399
260	1343	-.098	.042	-.015	-.444
260	1344	-.069	.028	.016	-.341
260	1345	-.072	.027	.003	-.354
260	1346	-.073	.027	.011	-.230
260	1347	-.083	.028	.004	-.318
260	1348	-.088	.031	-.001	-.331
260	1349	-.095	.024	-.014	-.211
260	1350	-.064	.023	.016	-.179
260	1351	-.069	.022	.012	-.156
260	1353	-.102	.023	-.028	-.188
260	1354	-.066	.022	.007	-.137
260	1355	-.065	.022	.009	-.131
260	1356	-.063	.022	.015	-.166
260	1357	-.071	.022	.006	-.175
260	1358	-.069	.022	.009	-.149
260	1359	-.060	.027	.046	-.192
260	1360	-.059	.025	.039	-.168
260	1361	-.084	.025	-.007	-.190
260	1362	-.076	.025	-.001	-.221
260	1401	-.282	.156	-.017	-1.098
260	1402	-.185	.098	-.057	-.636
260	1403	-.137	.068	-.004	-.662
260	1404	-.148	.063	.028	-.511
260	1405	-.154	.060	.019	-.510
260	1406	-.298	.154	.000	-1.276
260	1407	-.267	.144	-.007	-1.113
260	1408	-.110	.039	.029	-.281
260	1409	-.125	.039	.003	-.367
260	1410	-.133	.044	.003	-.415
260	1411	-.296	.147	.062	-1.044
260	1412	-.244	.129	.022	-.928
260	1413	-.110	.038	-.002	-.269
260	1414	-.118	.038	.003	-.284
260	1415	-.131	.042	-.009	-.303
260	1416	-.266	.129	.009	-.900
260	1417	-.222	.106	-.004	-.880
260	1418	-.112	.033	-.010	-.357
260	1419	-.120	.034	.009	-.275
260	1420	-.127	.036	-.013	-.313
260	1421	-.269	.118	.028	-.804
260	1422	-.217	.102	.012	-.727
260	1423	-.112	.033	-.003	-.241
260	1424	-.115	.033	.014	-.286
260	1425	-.118	.037	-.004	-.331
260	1426	-.181	.074	-.016	-.586
260	1427	-.153	.062	-.038	-.729
260	1428	-.108	.032	-.019	-.251
260	1429	-.121	.030	-.032	-.285
260	1430	-.087	.030	-.009	-.293
260	1431	-.151	.056	.000	-.547
260	1432	-.127	.045	.020	-.391
260	1433	-.107	.025	-.019	-.215
260	1434	-.073	.025	.013	-.394
260	1435	-.119	.039	-.022	-.299
260	1436	-.087	.027	.004	-.205
260	1437	-.103	.024	-.037	-.193
260	1438	-.072	.024	-.007	-.170
260	1439	-.071	.025	.016	-.236
260	1440	-.124	.049	-.012	-.554
260	1441	-.140	.038	-.037	-.514
260	1442	-.076	.028	.040	-.216
260	1443	-.067	.023	.009	-.186
260	1444	-.063	.024	.013	-.196
260	1445	-.092	.034	.066	-.249
260	1446	-.109	.035	-.004	-.320
260	1447	-.065	.025	.048	-.170
260	1448	-.009	.024	-.007	-.163
260	1449	-.060	.023	.013	-.147
260	1450	-.075	.039	.207	-.295
260	1451	-.073	.035	.114	-.267
260	1452	-.101	.030	.051	-.220
260	1453	-.095	.034	.002	-.300
260	1454	-.060	.025	.059	-.134
260	1455	-.055	.023	.041	-.175
260	1456	-.092	.022	.007	-.184
260	1901	-.044	.028	.181	-.125
260	1902	.033	.063	.401	-.086
260	1903	-.094	.029	.012	-.262
260	1904	-.043	.025	.047	-.116
260	1905	-.090	.099	.252	-.705
260	1906	-.078	.070	.212	-.530
260	2101	.188	.184	.930	-.637
260	2102	.166	.161	.857	-.240
260	2103	.104	.129	.625	-.250
260	2104	.035	.103	.498	-.309
260	2105	-.016	.075	.337	-.241
260	2106	.086	.119	.696	-.392
260	2107	.080	.112	.657	-.218
260	2108	.048	.085	.456	-.166
260	2109	-.041	.054	.190	-.209
260	2110	-.086	.045	.162	-.301
260	2111	-.022	.063	.531	-.323
260	2112	-.011	.058	.501	-.266
260	2113	-.013	.049	.227	-.229
260	2114	-.072	.054	.152	-.386
260	2115	-.122	.067	.103	-.578
260	2116	-.026	.037	.151	-.334
260	2117	-.026	.036	.150	-.154
260	2118	-.016	.042	.162	-.200
260	2119	-.047	.061	.178	-.347
260	2120	-.079	.119	.353	-.828
260	2121	-.070	.095	.267	-.525
260	2201	-.113	.054	.048	-.359

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	2202	-.118	.056	.051	-.380
260	2203	-.133	.069	.066	-.670
260	2204	-.118	.043	.002	-.340
260	2205	-.114	.041	.015	-.336
260	2206	-.143	.052	-.019	-.476
260	2207	-.129	.043	-.005	-.362
260	2208	-.197	.105	-.005	-1.155
260	2209	-.157	.077	.012	-.699
260	2210	-.114	.095	.227	-.547
260	2211	-.083	.048	.064	-.434
260	2212	-.124	.050	.031	-.398
260	2301	-.109	.055	.065	-.513
260	2302	-.104	.052	.072	-.560
260	2303	-.104	.038	.027	-.301
260	2304	-.102	.038	.016	-.276
260	2305	-.105	.041	.063	-.301
260	2306	-.114	.044	.031	-.376
260	2307	-.119	.040	.013	-.333
260	2308	-.122	.040	.003	-.322
260	2309	-.113	.036	.003	-.251
260	2310	-.108	.032	-.009	-.235
260	2311	-.119	.032	-.014	-.250
260	2312	-.120	.034	-.002	-.264
260	2313	-.119	.035	-.012	-.241
260	2314	-.119	.036	-.009	-.251
260	2315	-.136	.049	.004	-.396
260	2316	-.129	.044	-.013	-.322
260	2317	-.112	.040	-.014	-.363
260	2318	-.153	.042	-.041	-.448
260	2319	-.124	.041	-.025	-.384
260	2320	-.136	.041	-.034	-.470
260	2321	-.129	.041	-.024	-.448
260	2322	-.157	.045	-.037	-.392
260	2323	-.128	.046	-.009	-.375
260	2324	-.083	.032	.005	-.261
260	2325	-.078	.032	.013	-.265
260	2326	-.191	.074	-.057	-.805
260	2327	-.165	.069	-.055	-.748
260	2401	-.097	.052	.121	-.297
260	2402	-.076	.063	.220	-.289
260	2403	.094	.160	.716	-.686
260	2404	.088	.227	.869	-.736
260	2405	-.128	.040	-.008	-.299
260	2406	-.131	.043	-.000	-.340
260	2407	.035	.115	.564	-.560
260	2408	.017	.143	.612	-.631
260	2409	-.119	.039	-.025	-.313
260	2410	-.102	.034	-.003	-.269
260	2411	-.098	.053	.126	-.453
260	2412	-.074	.054	.164	-.387

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	2413	-.117	.045	.003	-.336
260	2414	-.086	.033	.029	-.278
260	2415	-.066	.038	.135	-.209
260	2416	-.039	.035	.153	-.149
270	1101	-.093	.080	.210	-.658
270	1102	-.090	.062	.166	-.484
270	1103	-.082	.053	.110	-.391
270	1104	-.097	.051	.082	-.459
270	1105	-.080	.058	.145	-.343
270	1106	-.071	.047	.092	-.512
270	1107	-.090	.046	.119	-.391
270	1108	-.077	.056	.218	-.326
270	1109	-.069	.042	.130	-.265
270	1110	-.081	.041	.101	-.283
270	1111	-.094	.070	.338	-.702
270	1112	-.090	.063	.282	-.541
270	1113	-.071	.046	.207	-.300
270	1114	-.066	.036	.170	-.221
270	1115	-.079	.036	.111	-.273
270	1116	-.102	.085	.257	-.582
270	1117	-.102	.079	.150	-.599
270	1118	-.087	.056	.070	-.441
270	1119	-.090	.067	.117	-.577
270	1120	-.078	.053	.100	-.572
270	1121	-.077	.049	.088	-.499
270	1122	-.066	.038	.166	-.298
270	1123	-.069	.030	.084	-.201
270	1124	-.082	.029	.044	-.213
270	1125	-.085	.070	.217	-.805
270	1126	-.077	.063	.212	-.579
270	1127	-.072	.046	.191	-.369
270	1128	-.074	.036	.061	-.251
270	1129	-.065	.034	.062	-.381
270	1130	-.059	.031	.093	-.339
270	1131	-.067	.027	.062	-.202
270	1132	-.079	.027	.020	-.206
270	1133	-.070	.039	.086	-.420
270	1134	-.068	.040	.112	-.484
270	1135	-.065	.039	.153	-.414
270	1136	-.062	.029	.064	-.321
270	1137	-.057	.028	.068	-.209
270	1138	-.055	.027	.040	-.203
270	1139	-.063	.024	.032	-.154
270	1140	-.081	.024	.003	-.175
270	1141	-.068	.028	.021	-.198
270	1142	-.068	.029	.035	-.196
270	1143	-.064	.028	.071	-.177
270	1144	-.077	.028	.032	-.180
270	1145	-.055	.023	.020	-.130
270	1146	-.054	.024	.023	-.140

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1147	-.060	.024	.014	-.146
270	1148	-.055	.024	.026	-.136
270	1149	-.061	.026	.017	-.203
270	1150	-.057	.026	.026	-.188
270	1151	-.058	.026	.041	-.205
270	1152	-.073	.025	.003	-.156
270	1153	-.049	.023	.033	-.124
270	1154	-.041	.024	.057	-.109
270	1155	-.037	.024	.051	-.113
270	1156	-.088	.024	.001	-.160
270	1157	-.056	.024	.036	-.170
270	1158	-.040	.023	.039	-.122
270	1159	-.030	.024	.044	-.110
270	1160	-.051	.021	.010	-.129
270	1161	-.050	.024	.035	-.137
270	1162	-.040	.024	.034	-.124
270	1163	-.022	.024	.083	-.101
270	1164	-.044	.024	.049	-.135
270	1165	-.050	.026	.034	-.128
270	1166	-.046	.024	.048	-.145
270	1167	-.037	.024	.058	-.131
270	1168	-.059	.023	.012	-.201
270	1169	-.053	.022	.014	-.129
270	1170	-.058	.025	.020	-.174
270	1171	-.053	.022	.010	-.140
270	1172	-.054	.022	.016	-.138
270	1201	-.056	.067	.343	-.271
270	1202	-.011	.077	.416	-.242
270	1203	.030	.094	.568	-.221
270	1204	.027	.095	.561	-.190
270	1205	-.011	.088	.589	-.292
270	1206	.038	.108	.699	-.377
270	1207	-.059	.057	.234	-.346
270	1208	-.023	.070	.465	-.285
270	1209	.026	.087	.418	-.190
270	1210	.036	.092	.489	-.192
270	1211	.039	.100	.559	-.472
270	1212	.029	.102	.629	-.481
270	1213	-.054	.048	.307	-.223
270	1214	-.009	.056	.400	-.177
270	1215	.012	.068	.375	-.172
270	1216	.022	.075	.399	-.155
270	1217	.020	.085	.519	-.517
270	1218	.004	.086	.524	-.622
270	1219	-.058	.046	.244	-.209
270	1220	-.040	.048	.260	-.198
270	1221	-.025	.053	.441	-.288
270	1222	-.012	.073	.467	-.685
270	1223	-.047	.038	.147	-.179
270	1224	-.015	.049	.262	-.198

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1225	.016	.063	.412	-.159
270	1226	.022	.068	.514	-.126
270	1227	-.028	.052	.439	-.395
270	1228	-.018	.060	.282	-.393
270	1229	-.063	.040	.161	-.231
270	1230	-.025	.049	.284	-.185
270	1231	-.045	.043	.218	-.272
270	1232	-.014	.058	.311	-.259
270	1233	-.034	.058	.340	-.283
270	1234	-.047	.054	.273	-.426
270	1235	-.065	.044	.195	-.315
270	1236	-.045	.051	.166	-.370
270	1237	-.034	.055	.229	-.375
270	1238	-.035	.055	.248	-.318
270	1239	-.052	.043	.201	-.394
270	1240	-.051	.049	.214	-.441
270	1241	-.060	.038	.124	-.249
270	1242	-.039	.036	.115	-.192
270	1243	-.056	.028	.077	-.180
270	1244	-.026	.037	.155	-.171
270	1245	-.056	.031	.105	-.226
270	1246	-.054	.038	.083	-.458
270	1247	-.068	.027	.109	-.213
270	1248	-.040	.032	.089	-.171
270	1249	-.040	.030	.068	-.157
270	1250	-.039	.031	.095	-.153
270	1251	-.051	.026	.050	-.167
270	1252	-.053	.029	.079	-.178
270	1253	-.065	.022	.013	-.165
270	1254	-.058	.023	.039	-.153
270	1255	-.061	.022	.010	-.174
270	1256	-.060	.021	.022	-.154
270	1257	-.062	.020	.003	-.136
270	1258	-.057	.020	.020	-.141
270	1259	-.057	.021	.020	-.132
270	1260	-.059	.021	.015	-.143
270	1261	-.058	.021	.029	-.148
270	1262	-.062	.020	.027	-.139
270	1263	-.060	.019	.008	-.146
270	1264	-.059	.019	.006	-.152
270	1265	-.060	.018	.004	-.116
270	1266	-.059	.018	.004	-.116
270	1267	-.056	.018	.001	-.114
270	1268	-.054	.019	.017	-.112
270	1269	-.055	.019	.021	-.116
270	1270	-.055	.020	.017	-.114
270	1271	-.056	.021	.017	-.128
270	1272	-.057	.019	.011	-.116
270	1273	-.057	.020	.021	-.118
270	1274	-.052	.020	.031	-.114

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1275	-.047	.023	.059	-.111
270	1276	-.047	.022	.066	-.110
270	1277	-.052	.021	.031	-.139
270	1278	-.055	.020	.017	-.118
270	1279	-.041	.024	.078	-.106
270	1280	-.050	.023	.045	-.112
270	1281	-.046	.021	.033	-.110
270	1301	-.107	.058	.080	-.522
270	1302	-.121	.048	.040	-.491
270	1303	-.115	.047	.050	-.553
270	1304	-.114	.052	.069	-.379
270	1305	-.116	.051	.033	-.434
270	1306	-.114	.044	.028	-.394
270	1307	-.109	.043	.037	-.405
270	1308	-.085	.045	.056	-.358
270	1309	-.088	.050	.053	-.569
270	1310	-.106	.038	.022	-.353
270	1311	-.108	.036	.019	-.399
270	1312	-.104	.033	.066	-.409
270	1313	-.105	.033	.048	-.452
270	1314	-.102	.040	.005	-.348
270	1315	-.105	.039	-.005	-.349
270	1316	-.105	.036	-.015	-.290
270	1317	-.107	.037	-.015	-.309
270	1318	-.111	.040	.043	-.360
270	1319	-.100	.041	.030	-.481
270	1320	-.098	.042	.001	-.341
270	1321	-.098	.039	-.003	-.306
270	1322	-.107	.038	-.009	-.324
270	1323	-.117	.043	-.002	-.429
270	1324	-.108	.037	-.011	-.323
270	1325	-.084	.038	.035	-.307
270	1326	-.088	.041	.019	-.340
270	1327	-.092	.049	.017	-.467
270	1328	-.139	.051	-.022	-.527
270	1329	-.106	.026	-.015	-.249
270	1330	-.086	.026	.007	-.261
270	1331	-.092	.037	-.007	-.379
270	1332	-.135	.052	-.011	-.511
270	1333	-.123	.054	.011	-.573
270	1334	-.073	.023	-.001	-.167
270	1335	-.101	.023	-.031	-.199
270	1336	-.076	.024	.005	-.194
270	1337	-.087	.044	.022	-.392
270	1338	-.076	.049	.071	-.499
270	1339	-.072	.022	-.005	-.153
270	1340	-.067	.022	.001	-.142
270	1341	-.095	.022	-.022	-.183
270	1342	-.064	.031	.023	-.347
270	1343	-.057	.037	.042	-.483

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1344	-.075	.022	-.011	-.187
270	1345	-.067	.021	-.005	-.153
270	1346	-.065	.022	.013	-.144
270	1347	-.071	.023	.020	-.150
270	1348	-.100	.033	.001	-.350
270	1349	-.091	.021	-.029	-.154
270	1350	-.068	.020	-.009	-.134
270	1351	-.063	.021	.011	-.139
270	1353	-.096	.023	-.002	-.206
270	1354	-.068	.021	-.002	-.136
270	1355	-.061	.020	-.002	-.144
270	1356	-.059	.021	.006	-.142
270	1357	-.060	.018	-.003	-.134
270	1358	-.074	.022	-.007	-.199
270	1359	-.054	.020	.020	-.134
270	1360	-.055	.020	.029	-.130
270	1361	-.067	.021	.012	-.140
270	1362	-.062	.022	.018	-.189
270	1401	-.128	.065	.039	-.653
270	1402	-.117	.058	.055	-.481
270	1403	-.091	.036	.013	-.354
270	1404	-.101	.041	.039	-.275
270	1405	-.100	.041	.044	-.335
270	1406	-.113	.058	.031	-.566
270	1407	-.103	.039	.032	-.353
270	1408	-.083	.030	.026	-.242
270	1409	-.089	.033	.027	-.243
270	1410	-.098	.040	.042	-.275
270	1411	-.109	.047	.019	-.365
270	1412	-.100	.043	.004	-.369
270	1413	-.082	.029	.024	-.244
270	1414	-.091	.031	.042	-.214
270	1415	-.099	.037	.008	-.257
270	1416	-.107	.039	-.002	-.324
270	1417	-.099	.036	-.006	-.367
270	1418	-.084	.024	-.005	-.179
270	1419	-.084	.028	.009	-.202
270	1420	-.090	.032	-.001	-.245
270	1421	-.105	.035	-.019	-.440
270	1422	-.096	.031	-.014	-.364
270	1423	-.083	.024	.017	-.188
270	1424	-.077	.027	.011	-.190
270	1425	-.081	.030	.005	-.234
270	1426	-.094	.024	-.021	-.233
270	1427	-.086	.023	-.021	-.178
270	1428	-.080	.022	-.010	-.163
270	1429	-.107	.025	-.043	-.253
270	1430	-.086	.025	-.021	-.272
270	1431	-.072	.021	.002	-.146
270	1432	-.068	.022	.008	-.140

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1433	-.109	.025	-.038	-.224
270	1434	-.087	.025	-.002	-.199
270	1435	-.071	.021	-.002	-.169
270	1436	-.066	.021	.015	-.161
270	1437	-.106	.025	-.022	-.255
270	1438	-.086	.024	-.002	-.222
270	1439	-.079	.023	-.009	-.164
270	1440	-.063	.021	.004	-.167
270	1441	-.092	.021	-.027	-.215
270	1442	-.067	.019	-.009	-.136
270	1443	-.081	.024	-.007	-.173
270	1444	-.078	.024	-.001	-.172
270	1445	-.062	.021	.025	-.130
270	1446	-.073	.021	.000	-.135
270	1447	-.059	.021	.024	-.124
270	1448	-.100	.026	-.002	-.212
270	1449	-.081	.026	.016	-.215
270	1450	-.063	.020	-.000	-.135
270	1451	-.060	.020	.004	-.133
270	1452	-.087	.021	-.022	-.160
270	1453	-.067	.020	-.002	-.129
270	1454	-.060	.020	.011	-.128
270	1455	-.064	.022	.020	-.144
270	1456	-.096	.023	-.015	-.176
270	1901	-.046	.024	.060	-.112
270	1902	-.055	.023	.020	-.133
270	1903	-.066	.020	.003	-.133
270	1904	-.062	.021	.006	-.131
270	1905	-.123	.071	.103	-.639
270	1906	-.108	.070	.112	-.566
270	2101	-.022	.089	.448	-.684
270	2102	-.020	.072	.377	-.334
270	2103	-.028	.067	.371	-.258
270	2104	-.038	.060	.368	-.247
270	2105	-.054	.049	.203	-.515
270	2106	-.038	.052	.331	-.296
270	2107	-.036	.051	.413	-.557
270	2108	-.036	.050	.322	-.203
270	2109	-.055	.043	.231	-.275
270	2110	-.076	.041	.127	-.324
270	2111	-.054	.032	.071	-.189
270	2112	-.051	.032	.049	-.206
270	2113	-.041	.032	.113	-.191
270	2114	-.057	.036	.106	-.213
270	2115	-.073	.041	.059	-.302
270	2116	-.054	.026	.044	-.144
270	2117	-.052	.029	.062	-.158
270	2118	-.052	.036	.119	-.221
270	2119	-.036	.044	.168	-.285
270	2120	-.017	.050	.219	-.239

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	2121	-.019	.046	.207	-.261
270	2201	-.082	.041	.049	-.277
270	2202	-.082	.042	.050	-.279
270	2203	-.094	.046	.031	-.374
270	2204	-.094	.041	.007	-.309
270	2205	-.093	.040	.035	-.315
270	2206	-.098	.041	.009	-.343
270	2207	-.105	.045	.020	-.454
270	2208	-.103	.063	.032	-.654
270	2209	-.081	.025	-.002	-.201
270	2210	-.037	.046	.162	-.218
270	2211	-.059	.026	.038	-.158
270	2212	-.079	.027	.022	-.187
270	2301	-.087	.049	.065	-.490
270	2302	-.085	.049	.091	-.471
270	2303	-.077	.037	.069	-.280
270	2304	-.078	.036	.052	-.291
270	2305	-.079	.040	.057	-.301
270	2306	-.095	.049	.045	-.435
270	2307	-.096	.048	.027	-.575
270	2308	-.094	.033	.000	-.265
270	2309	-.090	.031	.047	-.234
270	2310	-.086	.028	.024	-.182
270	2311	-.089	.027	.022	-.184
270	2312	-.093	.028	.008	-.195
270	2313	-.091	.027	-.015	-.237
270	2314	-.092	.028	-.012	-.278
270	2315	-.090	.026	-.011	-.189
270	2316	-.083	.027	.018	-.217
270	2317	-.069	.021	.001	-.149
270	2318	-.101	.022	-.024	-.228
270	2319	-.083	.022	.005	-.235
270	2320	-.098	.033	-.014	-.333
270	2321	-.102	.035	-.008	-.313
270	2322	-.126	.029	-.027	-.235
270	2323	-.107	.030	-.014	-.231
270	2324	-.068	.022	.005	-.137
270	2325	-.066	.022	.010	-.142
270	2326	-.092	.021	-.006	-.167
270	2327	-.069	.018	-.018	-.125
270	2401	-.078	.039	.071	-.261
270	2402	-.069	.045	.123	-.261
270	2403	-.016	.093	.404	-.435
270	2404	-.011	.113	.466	-.652
270	2405	-.091	.025	-.017	-.240
270	2406	-.086	.026	-.016	-.190
270	2407	-.066	.053	.152	-.459
270	2408	-.067	.060	.173	-.411
270	2409	-.083	.023	-.018	-.180
270	2410	-.072	.021	-.003	-.163

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	2411	-.092	.025	.019	-.201
270	2412	-.072	.024	.016	-.168
270	2413	-.061	.019	.002	-.126
270	2414	-.056	.020	.008	-.121
270	2415	-.086	.022	-.009	-.158
270	2416	-.065	.020	.007	-.136
280	1101	-.197	.087	.024	-.982
280	1102	-.199	.087	.085	-.636
280	1103	-.176	.077	.080	-.625
280	1104	-.178	.077	.067	-.623
280	1105	-.192	.081	.059	-.680
280	1106	-.160	.069	.151	-.686
280	1107	-.160	.067	.121	-.432
280	1108	-.175	.064	.100	-.557
280	1109	-.142	.054	.157	-.378
280	1110	-.151	.056	.147	-.467
280	1111	-.168	.068	.068	-.774
280	1112	-.170	.068	.049	-.695
280	1113	-.182	.060	-.002	-.497
280	1114	-.140	.052	.061	-.415
280	1115	-.129	.048	.075	-.329
280	1116	-.199	.084	.057	-1.001
280	1117	-.176	.075	.031	-.775
280	1118	-.171	.076	.055	-.941
280	1119	-.187	.091	.089	-.886
280	1120	-.179	.080	.004	-.795
280	1121	-.176	.075	.003	-.682
280	1122	-.160	.059	.006	-.504
280	1123	-.154	.047	.010	-.523
280	1124	-.138	.044	.008	-.395
280	1125	-.140	.078	.063	-.638
280	1126	-.130	.072	.047	-.589
280	1127	-.168	.073	.031	-.591
280	1128	-.172	.061	-.012	-.754
280	1129	-.155	.056	.001	-.497
280	1130	-.139	.046	-.000	-.372
280	1131	-.124	.040	.031	-.287
280	1132	-.128	.037	.004	-.283
280	1133	-.172	.073	.036	-.904
280	1134	-.165	.063	.006	-.534
280	1135	-.163	.065	.041	-.524
280	1136	-.152	.061	.007	-.671
280	1137	-.145	.056	-.009	-.594
280	1138	-.124	.044	.019	-.316
280	1139	-.107	.037	.046	-.264
280	1140	-.119	.034	.014	-.270
280	1141	-.146	.055	-.007	-.412
280	1142	-.151	.059	.000	-.465
280	1143	-.144	.062	.003	-.485
280	1144	-.134	.061	-.011	-.510

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	1145	-.122	.059	.001	-.586
280	1146	-.087	.036	.009	-.358
280	1147	-.074	.028	.026	-.223
280	1148	-.062	.028	.044	-.159
280	1149	-.154	.070	.022	-.657
280	1150	-.143	.073	.001	-.668
280	1151	-.131	.069	.018	-.755
280	1152	-.115	.056	-.011	-.531
280	1153	-.075	.030	.016	-.283
280	1154	-.081	.034	.039	-.341
280	1155	-.081	.028	.006	-.234
280	1156	-.095	.029	-.009	-.259
280	1157	-.123	.059	.012	-.692
280	1158	-.115	.057	.017	-.577
280	1159	-.107	.054	.070	-.644
280	1160	-.081	.033	.012	-.339
280	1161	-.064	.028	.024	-.476
280	1162	-.079	.037	.021	-.478
280	1163	-.072	.032	.013	-.284
280	1164	-.064	.023	.012	-.186
280	1165	-.064	.027	.033	-.207
280	1166	-.058	.026	.044	-.172
280	1167	-.068	.027	.061	-.165
280	1168	-.087	.038	.010	-.366
280	1169	-.067	.028	.028	-.196
280	1170	-.053	.022	.022	-.145
280	1171	-.060	.021	.005	-.130
280	1172	-.051	.021	.021	-.114
280	1201	-.037	.081	.461	-.331
280	1202	-.003	.089	.562	-.332
280	1203	.027	.084	.550	-.216
280	1204	.042	.094	.703	-.201
280	1205	.055	.120	.797	-.223
280	1206	.050	.113	.786	-.264
280	1207	-.025	.077	.461	-.275
280	1208	.018	.083	.633	-.205
280	1209	.044	.086	.727	-.162
280	1210	.062	.087	.618	-.145
280	1211	.059	.099	.561	-.156
280	1212	.037	.102	.610	-.200
280	1213	-.028	.077	.390	-.237
280	1214	.008	.069	.570	-.192
280	1215	.040	.072	.562	-.162
280	1216	.051	.070	.416	-.154
280	1217	.035	.081	.469	-.169
280	1218	.006	.078	.447	-.196
280	1219	-.045	.060	.441	-.226
280	1220	.013	.077	.590	-.191
280	1221	.028	.072	.492	-.124
280	1222	-.012	.067	.405	-.195
280	1223	-.044	.057	.309	-.246
280	1224	.001	.064	.356	-.218
280	1225	.043	.068	.421	-.162
280	1226	.051	.071	.477	-.129
280	1227	.021	.072	.509	-.155
280	1228	-.018	.060	.363	-.202
280	1229	-.045	.067	.371	-.303
280	1230	.020	.078	.618	-.254
280	1231	.030	.071	.532	-.206
280	1232	.030	.066	.374	-.223
280	1233	-.003	.062	.329	-.241
280	1234	-.036	.060	.271	-.323
280	1235	-.042	.072	.422	-.296
280	1236	-.006	.080	.614	-.260
280	1237	.010	.071	.457	-.259
280	1238	.004	.066	.346	-.284
280	1239	-.012	.061	.268	-.504
280	1240	-.044	.052	.230	-.319
280	1241	-.041	.070	.353	-.256
280	1242	-.012	.061	.484	-.220
280	1243	.035	.065	.455	-.114
280	1244	-.001	.052	.383	-.148
280	1245	-.027	.047	.273	-.207
280	1246	-.053	.040	.143	-.204
280	1247	-.048	.061	.411	-.311
280	1248	-.007	.017	.131	-.084
280	1249	-.007	.016	.134	-.079
280	1250	-.004	.014	.102	-.050
280	1251	-.038	.037	.184	-.162
280	1252	-.059	.033	.114	-.239
280	1253	-.071	.040	.103	-.265
280	1254	-.064	.029	.037	-.206
280	1255	-.062	.036	.096	-.318
280	1256	-.063	.031	.050	-.268
280	1257	-.060	.029	.040	-.257
280	1258	-.033	.033	.120	-.199
280	1259	-.030	.034	.170	-.150
280	1260	-.052	.027	.075	-.153
280	1261	-.075	.033	.022	-.288
280	1262	-.074	.036	.202	-.238
280	1263	-.062	.029	.056	-.189
280	1264	-.059	.028	.052	-.233
280	1265	-.066	.025	.026	-.192
280	1266	-.054	.026	.054	-.188
280	1267	-.045	.026	.049	-.205
280	1268	-.036	.025	.103	-.147
280	1269	-.033	.022	.095	-.103
280	1270	-.053	.020	.022	-.131
280	1271	-.064	.022	.003	-.161
280	1272	-.063	.024	.026	-.138
280	1273	-.044	.025	.118	-.133
280	1274	-.027	.027	.122	-.106
280	1275	-.010	.029	.147	-.087
280	1276	-.015	.027	.143	-.091
280	1277	-.038	.021	.030	-.114
280	1278	-.041	.021	.026	-.131
280	1279	.003	.041	.268	-.096
280	1280	-.010	.038	.301	-.098
280	1281	-.026	.026	.182	-.102
280	1301	-.171	.070	.212	-.550
280	1302	-.177	.072	.022	-.611
280	1303	-.169	.072	.031	-.739
280	1304	-.169	.080	.040	-.720
280	1305	-.164	.071	.016	-.604
280	1306	-.163	.070	.002	-.662
280	1307	-.154	.068	.001	-.675
280	1308	-.180	.082	.026	-.815
280	1309	-.176	.071	.056	-.519
280	1310	-.127	.048	-.007	-.511
280	1311	-.151	.065	.019	-.710
280	1312	-.153	.065	.047	-.519
280	1313	-.154	.065	.059	-.741
280	1314	-.162	.080	.080	-.794
280	1315	-.163	.073	.094	-.650
280	1316	-.166	.078	.170	-.739
280	1317	-.173	.083	.099	-.720
280	1318	-.183	.085	.062	-1.063
280	1319	-.191	.087	.014	-.705
280	1320	-.147	.077	.072	-.801
280	1321	-.146	.069	.071	-.557
280	1322	-.170	.083	.071	-.772
280	1323	-.192	.103	.034	-.904
280	1324	-.159	.080	.069	-.649
280	1325	-.113	.050	.047	-.456
280	1326	-.188	.082	.037	-.678
280	1327	-.205	.093	.042	-.849
280	1328	-.200	.092	.032	-.873
280	1329	-.179	.065	.030	-.567
280	1330	-.155	.063	.033	-.490
280	1331	-.187	.081	.046	-.684
280	1332	-.208	.098	.019	-.925
280	1333	-.212	.100	-.001	-.903
280	1334	-.124	.038	.006	-.308
280	1335	-.158	.039	-.020	-.400
280	1336	-.133	.055	.030	-.497
280	1337	-.170	.097	.082	-.810
280	1338	-.185	.104	.046	-1.046
280	1339	-.121	.036	.034	-.310
280	1340	-.113	.038	.038	-.340
280	1341	-.152	.051	.087	-.469

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	1342	-.149	.074	.021	-.660
280	1343	-.168	.088	.054	-.763
280	1344	-.119	.036	-.007	-.307
280	1345	-.109	.034	.011	-.271
280	1346	-.114	.042	.043	-.305
280	1347	-.111	.045	.041	-.453
280	1348	-.174	.078	.054	-.640
280	1349	-.122	.031	-.020	-.233
280	1350	-.092	.030	.005	-.202
280	1351	-.095	.035	.034	-.287
280	1353	-.155	.044	-.018	-.404
280	1354	-.085	.028	.012	-.179
280	1355	-.076	.028	.048	-.179
280	1356	-.081	.032	.036	-.219
280	1357	-.079	.029	.041	-.226
280	1358	-.126	.045	.000	-.374
280	1359	-.061	.026	.041	-.138
280	1360	-.064	.026	.037	-.147
280	1361	-.080	.027	.024	-.184
280	1362	-.097	.039	.021	-.338
280	1401	-.172	.070	.108	-.617
280	1402	-.163	.065	.092	-.506
280	1403	-.117	.041	-.006	-.323
280	1404	-.140	.050	.021	-.412
280	1405	-.131	.054	.053	-.587
280	1406	-.131	.046	.051	-.430
280	1407	-.118	.040	.024	-.287
280	1408	-.121	.036	.051	-.275
280	1409	-.147	.040	.042	-.325
280	1410	-.147	.052	.005	-.430
280	1411	-.129	.043	.067	-.569
280	1412	-.140	.039	.001	-.406
280	1413	-.120	.031	-.005	-.244
280	1414	-.130	.038	.020	-.289
280	1415	-.141	.046	.036	-.341
280	1416	-.134	.037	.016	-.328
280	1417	-.144	.035	-.004	-.308
280	1418	-.121	.031	.001	-.262
280	1419	-.128	.042	-.014	-.354
280	1420	-.141	.054	.012	-.420
280	1421	-.141	.037	.003	-.294
280	1422	-.131	.032	-.005	-.256
280	1423	-.119	.030	-.017	-.289
280	1424	-.122	.042	.023	-.315
280	1425	-.133	.051	.027	-.418
280	1426	-.136	.032	-.051	-.370
280	1427	-.124	.028	-.053	-.271
280	1428	-.122	.029	-.045	-.252
280	1429	-.160	.038	-.054	-.334
280	1430	-.136	.042	-.005	-.351

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	1431	-.117	.032	.005	-.273
280	1432	-.118	.035	.011	-.291
280	1433	-.171	.044	-.048	-.414
280	1434	-.153	.042	-.009	-.346
280	1435	-.129	.037	-.014	-.333
280	1436	-.105	.028	-.020	-.217
280	1437	-.174	.044	-.025	-.416
280	1438	-.144	.042	.002	-.349
280	1439	-.134	.042	-.018	-.333
280	1440	-.088	.026	-.010	-.175
280	1441	-.124	.026	-.043	-.233
280	1442	-.104	.032	-.006	-.291
280	1443	-.133	.046	-.005	-.384
280	1444	-.129	.048	.013	-.486
280	1445	-.084	.026	.002	-.188
280	1446	-.080	.021	-.002	-.161
280	1447	-.075	.026	.024	-.161
280	1448	-.136	.042	.000	-.377
280	1449	-.114	.043	.016	-.414
280	1450	-.080	.026	.028	-.168
280	1451	-.079	.027	.027	-.191
280	1452	-.101	.025	-.011	-.205
280	1453	-.082	.026	.007	-.174
280	1454	-.074	.024	.018	-.161
280	1455	-.089	.033	-.001	-.270
280	1456	-.126	.035	-.032	-.290
280	1901	-.014	.033	.222	-.117
280	1902	-.058	.022	.029	-.152
280	1903	-.078	.021	-.014	-.149
280	1904	-.076	.024	-.001	-.220
280	1905	-.203	.085	.063	-.635
280	1906	-.185	.085	.237	-.712
280	2101	-.090	.111	.353	-.821
280	2102	-.062	.076	.298	-.489
280	2103	-.083	.053	.201	-.369
280	2104	-.093	.042	.222	-.312
280	2105	-.114	.039	.048	-.274
280	2106	-.082	.075	.157	-.356
280	2107	-.094	.068	.108	-.352
280	2108	-.070	.036	.063	-.229
280	2109	-.108	.030	-.005	-.257
280	2110	-.132	.033	-.029	-.295
280	2111	-.066	.050	.177	-.249
280	2112	-.047	.040	.109	-.244
280	2113	-.052	.026	.030	-.154
280	2114	-.091	.030	.026	-.243
280	2115	-.145	.041	-.021	-.325
280	2116	-.041	.030	.111	-.140
280	2117	-.042	.027	.053	-.202
280	2118	-.046	.024	.044	-.140

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	2119	-.074	.032	.072	-.178
280	2120	-.076	.050	.139	-.286
280	2121	-.073	.040	.106	-.207
280	2201	-.128	.040	.004	-.355
280	2202	-.130	.041	.014	-.359
280	2203	-.149	.049	-.015	-.457
280	2204	-.146	.037	-.037	-.386
280	2205	-.151	.037	-.024	-.457
280	2206	-.159	.044	-.030	-.375
280	2207	-.159	.076	.056	-.805
280	2208	-.203	.086	-.034	-.719
280	2209	-.119	.029	-.012	-.232
280	2210	-.092	.038	.039	-.290
280	2211	-.086	.024	-.010	-.168
280	2212	-.084	.021	-.015	-.167
280	2301	-.138	.057	.040	-.589
280	2302	-.131	.059	.056	-.697
280	2303	-.134	.044	.045	-.364
280	2304	-.122	.043	.026	-.329
280	2305	-.127	.048	.033	-.394
280	2306	-.143	.060	.036	-.612
280	2307	-.166	.058	-.002	-.621
280	2308	-.151	.032	-.052	-.286
280	2309	-.143	.031	-.057	-.272
280	2310	-.128	.027	-.044	-.238
280	2311	-.145	.028	-.061	-.271
280	2312	-.132	.028	-.052	-.264
280	2313	-.131	.032	-.040	-.389
280	2314	-.132	.034	-.024	-.421
280	2315	-.156	.041	.012	-.356
280	2316	-.155	.040	-.002	-.315
280	2317	-.108	.028	.022	-.198
280	2318	-.150	.028	-.066	-.253
280	2319	-.129	.028	-.044	-.256
280	2320	-.151	.040	-.060	-.494
280	2321	-.155	.047	-.052	-.514
280	2322	-.158	.029	-.057	-.279
280	2323	-.132	.029	-.030	-.263
280	2324	-.095	.024	-.012	-.168
280	2325	-.097	.026	-.008	-.196
280	2326	-.123	.029	-.029	-.251
280	2327	-.096	.028	.009	-.237
280	2401	-.143	.058	.110	-.434
280	2402	-.139	.065	.140	-.458
280	2403	-.033	.145	.732	-.623
280	2404	.008	.164	.799	-.685
280	2405	-.133	.032	-.035	-.285
280	2406	-.133	.033	-.035	-.283
280	2407	-.135	.073	.208	-.576
280	2408	-.131	.098	.265	-.756

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	2409	-.128	.031	-.030	-.250
280	2410	-.116	.030	-.008	-.226
280	2411	-.139	.048	.010	-.395
280	2412	-.117	.059	.093	-.546
280	2413	-.085	.025	.014	-.186
280	2414	-.079	.025	.008	-.189
280	2415	-.094	.028	.026	-.224
280	2416	-.064	.030	.098	-.232
290	1101	-.246	.093	-.005	-.705
290	1102	-.273	.104	.100	-.801
290	1103	-.278	.107	.102	-.887
290	1104	-.292	.117	.118	-.839
290	1105	-.265	.094	.064	-.800
290	1106	-.268	.098	-.001	-.711
290	1107	-.256	.101	.046	-.863
290	1108	-.232	.078	.058	-.640
290	1109	-.236	.083	.072	-.585
290	1110	-.254	.087	.018	-.690
290	1111	-.232	.081	-.010	-.783
290	1112	-.235	.081	-.014	-.760
290	1113	-.255	.079	-.004	-.683
290	1114	-.240	.084	.000	-.605
290	1115	-.240	.082	.091	-.630
290	1116	-.264	.092	.001	-.883
290	1117	-.239	.086	.043	-.742
290	1118	-.238	.084	-.032	-.736
290	1119	-.267	.109	-.024	-1.306
290	1120	-.265	.103	-.017	-1.231
290	1121	-.264	.098	-.031	-1.275
290	1122	-.251	.092	-.024	-.972
290	1123	-.264	.087	.020	-.727
290	1124	-.247	.088	.023	-.699
290	1125	-.282	.111	-.069	-1.912
290	1126	-.288	.115	-.041	-1.778
290	1127	-.284	.117	.060	-1.686
290	1128	-.285	.117	-.059	-1.206
290	1129	-.280	.105	.017	-.945
290	1130	-.266	.094	.002	-.903
290	1131	-.245	.076	-.032	-.617
290	1132	-.246	.077	-.038	-.730
290	1133	-.269	.102	-.064	-1.083
290	1134	-.267	.103	-.006	-1.169
290	1135	-.271	.107	.016	-.928
290	1136	-.269	.111	.001	-.961
290	1137	-.260	.105	.005	-.914
290	1138	-.244	.090	-.006	-.853
290	1139	-.210	.072	.069	-.513
290	1140	-.215	.067	.054	-.564
290	1141	-.338	.143	.023	-1.081
290	1142	-.348	.152	.024	-1.171
290	1143	-.317	.156	.024	-1.105
290	1144	-.232	.117	.023	-.983
290	1145	-.237	.128	.030	-1.191
290	1146	-.176	.094	.047	-.679
290	1147	-.116	.067	.107	-.484
290	1148	-.075	.067	.297	-.429
290	1149	-.314	.143	-.005	-1.370
290	1150	-.289	.147	.026	-1.437
290	1151	-.250	.135	.025	-1.351
290	1152	-.175	.098	.019	-1.034
290	1153	-.158	.089	.035	-.892
290	1154	-.114	.062	.078	-.441
290	1155	-.100	.044	.066	-.307
290	1156	-.121	.044	.029	-.380
290	1157	-.197	.097	.003	-.948
290	1158	-.194	.111	.010	-.857
290	1159	-.173	.107	.053	-.893
290	1160	-.177	.112	.060	-1.106
290	1161	-.202	.111	.018	-1.019
290	1162	-.127	.076	.047	-.569
290	1163	-.089	.058	.185	-.486
290	1164	-.094	.050	.084	-.383
290	1165	-.068	.051	.165	-.378
290	1166	-.050	.040	.232	-.259
290	1167	-.065	.038	.173	-.247
290	1168	-.170	.099	.053	-.743
290	1169	-.107	.063	.116	-.525
290	1170	-.044	.036	.114	-.210
290	1171	-.042	.037	.139	-.189
290	1172	-.027	.037	.154	-.170
290	1201	.125	.143	.626	-.305
290	1202	.202	.164	.803	-.278
290	1203	.195	.177	.955	-.248
290	1204	.156	.162	.918	-.285
290	1205	.168	.167	.899	-.224
290	1206	.060	.137	.694	-.335
290	1207	.134	.136	.673	-.233
290	1208	.247	.181	1.042	-.208
290	1209	.273	.192	1.030	-.212
290	1210	.240	.174	1.114	-.153
290	1211	.168	.145	.830	-.196
290	1212	.076	.124	.610	-.267
290	1213	.093	.119	.559	-.250
290	1214	.217	.157	.890	-.175
290	1215	.302	.185	.997	-.087
290	1216	.273	.169	1.094	-.167
290	1217	.139	.127	.747	-.175
290	1218	.032	.104	.482	-.300
290	1219	.053	.118	.568	-.290
290	1220	.182	.146	.815	-.154
290	1221	.151	.136	.743	-.161
290	1222	.003	.089	.473	-.336
290	1223	.036	.112	.534	-.380
290	1224	.177	.141	.817	-.209
290	1225	.303	.167	1.039	-.071
290	1226	.272	.157	1.096	-.074
290	1227	.160	.136	.864	-.163
290	1228	-.003	.092	.433	-.239
290	1229	.021	.128	.547	-.563
290	1230	.198	.158	.832	-.250
290	1231	.236	.164	.944	-.225
290	1232	.232	.155	.869	-.206
290	1233	.113	.127	.740	-.212
290	1234	-.014	.099	.450	-.385
290	1235	.031	.122	.538	-.419
290	1236	.143	.143	.731	-.325
290	1237	.218	.151	.927	-.257
290	1238	.193	.140	.841	-.354
290	1239	.097	.131	.700	-.529
290	1240	-.002	.102	.458	-.391
290	1241	-.035	.104	.485	-.399
290	1242	.087	.112	.556	-.308
290	1243	.164	.115	.825	-.102
290	1244	.159	.112	.754	-.090
290	1245	.055	.092	.511	-.180
290	1246	-.044	.075	.320	-.366
290	1247	-.067	.085	.367	-.401
290	1248	.007	.080	.351	-.237
290	1249	.092	.095	.626	-.163
290	1250	.095	.095	.672	-.164
290	1251	.012	.072	.345	-.208
290	1252	-.073	.069	.209	-.417
290	1253	-.105	.070	.157	-.603
290	1254	-.069	.041	.080	-.226
290	1255	-.065	.051	.155	-.341
290	1256	-.063	.041	.105	-.293
290	1257	-.054	.036	.094	-.268
290	1258	.005	.056	.381	-.150
290	1259	.010	.061	.370	-.174
290	1260	-.053	.050	.169	-.278
290	1261	-.105	.058	.095	-.411
290	1262	-.105	.060	.159	-.439
290	1263	-.069	.041	.113	-.325
290	1264	-.054	.038	.096	-.238
290	1265	-.077	.034	.053	-.291
290	1266	-.044	.036	.103	-.249
290	1267	-.020	.039	.155	-.164
290	1268	.014	.046	.230	-.157
290	1269	.021	.041	.249	-.123
290	1270	-.050	.032	.071	-.256

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	1271	-.092	.042	.040	-.398
290	1272	-.059	.034	.122	-.214
290	1273	-.009	.040	.215	-.129
290	1274	.033	.052	.336	-.114
290	1275	.092	.067	.480	-.089
290	1276	.073	.065	.496	-.071
290	1277	-.013	.039	.237	-.152
290	1278	-.026	.037	.189	-.188
290	1279	.125	.076	.546	-.045
290	1280	.103	.076	.552	-.115
290	1281	.035	.050	.333	-.087
290	1301	-.247	.115	.201	-.954
290	1302	-.258	.102	-.009	-.972
290	1303	-.244	.099	.015	-.919
290	1304	-.261	.134	.131	-1.125
290	1305	-.253	.106	.047	-.803
290	1306	-.234	.085	-.024	-.785
290	1307	-.221	.082	-.006	-.754
290	1308	-.281	.142	.126	-1.099
290	1309	-.261	.108	.064	-.766
290	1310	-.247	.092	-.018	-.782
290	1311	-.219	.081	-.002	-.920
290	1312	-.222	.086	.046	-.820
290	1313	-.222	.085	.025	-.819
290	1314	-.268	.125	.009	-1.163
290	1315	-.271	.115	.012	-1.060
290	1316	-.240	.099	.015	-.944
290	1317	-.241	.098	.020	-.965
290	1318	-.273	.126	-.004	-.965
290	1319	-.283	.141	.041	-1.455
290	1320	-.267	.140	.078	-1.096
290	1321	-.263	.125	.077	-1.073
290	1322	-.270	.127	.096	-.980
290	1323	-.267	.123	-.012	-1.271
290	1324	-.255	.153	.085	-1.213
290	1325	-.271	.134	.101	-.890
290	1326	-.288	.133	.052	-1.185
290	1327	-.304	.126	.019	-.922
290	1328	-.294	.122	.023	-.957
290	1329	-.285	.120	-.032	-.892
290	1330	-.254	.117	.042	-.878
290	1331	-.316	.148	.014	-1.206
290	1332	-.307	.144	-.013	-1.249
290	1333	-.304	.141	-.017	-1.185
290	1334	-.169	.061	.024	-.445
290	1335	-.200	.063	.012	-.525
290	1336	-.178	.108	.139	-.792
290	1337	-.263	.185	.121	-1.393
290	1338	-.291	.199	.227	-1.807
290	1339	-.146	.052	.053	-.540
290	1340	-.130	.056	.089	-.551
290	1341	-.177	.092	.115	-.704
290	1342	-.195	.134	.058	-1.139
290	1343	-.233	.171	.077	-1.333
290	1344	-.135	.049	.033	-.604
290	1345	-.115	.052	.048	-.498
290	1346	-.131	.068	.080	-.644
290	1347	-.192	.100	.041	-.976
290	1348	-.275	.151	.093	-1.062
290	1349	-.121	.039	.033	-.314
290	1350	-.080	.038	.077	-.323
290	1351	-.092	.045	.067	-.303
290	1353	-.168	.059	.030	-.566
290	1354	-.070	.033	.047	-.211
290	1355	-.058	.032	.090	-.168
290	1356	-.076	.038	.069	-.240
290	1357	-.104	.042	.050	-.306
290	1358	-.116	.059	.042	-.562
290	1359	-.030	.037	.185	-.165
290	1360	-.039	.033	.108	-.194
290	1361	-.076	.038	.074	-.275
290	1362	-.139	.085	.047	-.699
290	1401	-.237	.094	.053	-.713
290	1402	-.226	.092	.052	-.669
290	1403	-.201	.065	-.004	-.472
290	1404	-.192	.078	.061	-.635
290	1405	-.212	.090	.041	-.674
290	1406	-.212	.071	.011	-.501
290	1407	-.213	.063	-.040	-.464
290	1408	-.169	.050	-.022	-.421
290	1409	-.197	.057	-.012	-.471
290	1410	-.201	.072	.018	-.585
290	1411	-.226	.069	-.019	-.540
290	1412	-.228	.061	-.041	-.508
290	1413	-.173	.045	-.015	-.357
290	1414	-.181	.057	-.015	-.474
290	1415	-.201	.071	-.006	-.530
290	1416	-.225	.068	-.057	-.588
290	1417	-.228	.062	-.076	-.557
290	1418	-.191	.046	-.046	-.475
290	1419	-.208	.067	-.024	-.689
290	1420	-.235	.087	-.006	-.828
290	1421	-.241	.063	-.045	-.552
290	1422	-.222	.055	-.064	-.449
290	1423	-.189	.045	-.036	-.381
290	1424	-.201	.069	.012	-.530
290	1425	-.222	.089	.035	-.603
290	1426	-.204	.062	-.014	-.546
290	1427	-.199	.058	-.057	-.528
290	1428	-.204	.062	-.045	-.602
290	1429	-.267	.095	-.025	-.874
290	1430	-.242	.103	.023	-.836
290	1431	-.171	.064	-.016	-.501
290	1432	-.176	.068	-.008	-.609
290	1433	-.242	.070	-.073	-.663
290	1434	-.229	.081	-.051	-.715
290	1435	-.194	.080	.009	-.581
290	1436	-.128	.043	.013	-.356
290	1437	-.240	.077	-.059	-.676
290	1438	-.198	.070	-.002	-.562
290	1439	-.188	.068	.002	-.581
290	1440	-.092	.041	.159	-.287
290	1441	-.133	.039	.019	-.302
290	1442	-.184	.066	.003	-.548
290	1443	-.182	.070	.005	-.627
290	1444	-.176	.070	.031	-.568
290	1445	-.076	.036	.053	-.246
290	1446	-.083	.035	.030	-.254
290	1447	-.065	.032	.062	-.168
290	1448	-.173	.077	.014	-.578
290	1449	-.150	.073	.047	-.608
290	1450	-.071	.038	.053	-.273
290	1451	-.073	.040	.055	-.289
290	1452	-.088	.039	.111	-.367
290	1453	-.068	.038	.067	-.293
290	1454	-.050	.032	.071	-.156
290	1455	-.080	.049	.073	-.347
290	1456	-.137	.069	.028	-.582
290	1901	.086	.068	.417	-.089
290	1902	-.044	.041	.144	-.277
290	1903	-.067	.034	.074	-.212
290	1904	-.070	.037	.061	-.261
290	1905	-.301	.113	.048	-.872
290	1906	-.299	.114	.024	-.955
290	2101	-.192	.154	.284	-1.117
290	2102	-.170	.141	.231	-1.017
290	2103	-.138	.101	.161	-.685
290	2104	-.111	.069	.140	-.620
290	2105	-.123	.064	.053	-.530
290	2106	-.188	.125	.259	-.894
290	2107	-.195	.122	.188	-.900
290	2108	-.109	.077	.092	-.496
290	2109	-.099	.046	.063	-.316
290	2110	-.123	.046	.100	-.315
290	2111	-.063	.107	.425	-.520
290	2112	-.041	.084	.259	-.453
290	2113	-.047	.038	.121	-.206
290	2114	-.074	.033	.077	-.241
290	2115	-.109	.038	.033	-.340
290	2116	-.033	.051	.185	-.592

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	2117	-.031	.041	.194	-.208
290	2118	-.044	.029	.072	-.188
290	2119	-.085	.030	.057	-.209
290	2120	-.085	.039	.084	-.369
290	2121	-.093	.033	.004	-.246
290	2201	-.154	.069	.100	-.633
290	2202	-.155	.069	.069	-.601
290	2203	-.188	.089	.042	-.839
290	2204	-.162	.062	-.002	-.577
290	2205	-.153	.054	-.029	-.619
290	2206	-.159	.043	-.015	-.346
290	2207	-.250	.107	.013	-.873
290	2208	-.115	.049	.002	-.468
290	2209	-.122	.049	.030	-.620
290	2210	-.092	.035	.028	-.363
290	2211	-.097	.034	.057	-.387
290	2212	-.093	.025	.001	-.256
290	2301	-.177	.112	.113	-.942
290	2302	-.183	.127	.145	-1.369
290	2303	-.187	.092	.121	-.809
290	2304	-.178	.086	.119	-.671
290	2305	-.195	.105	.098	-.768
290	2306	-.231	.106	.125	-.762
290	2307	-.252	.095	.013	-.673
290	2308	-.203	.065	-.025	-.610
290	2309	-.185	.057	-.037	-.454
290	2310	-.162	.041	.004	-.330
290	2311	-.188	.042	-.041	-.345
290	2312	-.186	.046	-.022	-.382
290	2313	-.187	.046	-.055	-.414
290	2314	-.195	.050	-.057	-.426
290	2315	-.118	.060	.177	-.416
290	2316	-.115	.058	.225	-.480
290	2317	-.127	.046	.131	-.391
290	2318	-.179	.050	.055	-.472
290	2319	-.157	.052	.077	-.594
290	2320	-.212	.065	-.002	-.643
290	2321	-.216	.070	-.020	-.781
290	2322	-.127	.030	-.018	-.266
290	2323	-.098	.028	.005	-.209
290	2324	-.105	.030	.005	-.255
290	2325	-.111	.035	.004	-.324
290	2326	-.123	.038	.035	-.346
290	2327	-.089	.040	.065	-.337
290	2401	-.254	.099	.082	-.751
290	2402	-.250	.099	.112	-.673
290	2403	-.204	.146	.620	-.807
290	2404	-.180	.169	.729	-.938
290	2405	-.226	.062	-.079	-.591
290	2406	-.224	.059	-.081	-.508

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	2407	-.251	.094	.120	-.858
290	2408	-.254	.120	.190	-1.249
290	2409	-.183	.057	-.044	-.508
290	2410	-.171	.055	-.029	-.519
290	2411	-.225	.115	.104	-.942
290	2412	-.204	.150	.360	-1.291
290	2413	-.080	.038	.090	-.292
290	2414	-.076	.038	.064	-.261
290	2415	-.089	.053	.156	-.328
290	2416	-.048	.060	.272	-.346
300	1101	-.269	.082	-.008	-.571
300	1102	-.283	.089	-.015	-.691
300	1103	-.312	.103	-.015	-.902
300	1104	-.339	.122	-.036	-1.115
300	1105	-.287	.084	-.031	-.694
300	1106	-.304	.096	-.060	-.719
300	1107	-.301	.102	-.028	-1.220
300	1108	-.280	.082	-.046	-.627
300	1109	-.309	.096	-.040	-.778
300	1110	-.335	.103	-.070	-.865
300	1111	-.294	.088	.013	-.678
300	1112	-.296	.087	-.004	-.641
300	1113	-.321	.088	-.098	-.736
300	1114	-.313	.091	-.062	-.807
300	1115	-.315	.101	-.061	-.918
300	1116	-.342	.113	-.010	-.966
300	1117	-.312	.103	.006	-.831
300	1118	-.318	.098	-.061	-.792
300	1119	-.377	.146	-.051	-1.176
300	1120	-.376	.150	-.005	-1.200
300	1121	-.373	.141	-.004	-1.127
300	1122	-.335	.114	-.014	-.873
300	1123	-.335	.104	-.058	-.865
300	1124	-.314	.105	-.052	-.797
300	1125	-.388	.145	-.032	-1.273
300	1126	-.390	.146	.016	-1.164
300	1127	-.379	.152	-.046	-1.139
300	1128	-.390	.161	.011	-1.527
300	1129	-.383	.156	-.050	-1.171
300	1130	-.343	.128	-.043	-1.079
300	1131	-.280	.107	.041	-.769
300	1132	-.276	.101	.067	-.735
300	1133	-.398	.162	-.050	-1.719
300	1134	-.408	.168	.018	-1.516
300	1135	-.402	.173	.047	-1.333
300	1136	-.364	.174	.035	-1.375
300	1137	-.338	.157	.057	-1.222
300	1138	-.245	.111	.124	-.910
300	1139	-.167	.084	.148	-.630
300	1140	-.194	.076	.044	-.602

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1141	-.371	.164	-.019	-1.458
300	1142	-.379	.175	.041	-1.464
300	1143	-.339	.180	.043	-1.474
300	1144	-.261	.145	.057	-1.341
300	1145	-.191	.111	.001	-.984
300	1146	-.120	.077	.199	-.579
300	1147	-.068	.053	.233	-.269
300	1148	-.036	.054	.237	-.242
300	1149	-.286	.145	.002	-1.018
300	1150	-.262	.151	.045	-1.027
300	1151	-.205	.130	.064	-.980
300	1152	-.135	.078	.053	-.813
300	1153	-.129	.087	.066	-.676
300	1154	-.071	.049	.097	-.348
300	1155	-.076	.038	.085	-.276
300	1156	-.103	.039	.037	-.288
300	1157	-.166	.091	.015	-.677
300	1158	-.140	.082	.040	-.622
300	1159	-.113	.070	.078	-.557
300	1160	-.152	.113	.034	-1.352
300	1161	-.105	.067	.061	-.577
300	1162	-.088	.057	.079	-.468
300	1163	-.060	.041	.225	-.341
300	1164	-.071	.049	.070	-.483
300	1165	-.046	.036	.119	-.184
300	1166	-.039	.036	.127	-.158
300	1167	-.056	.036	.143	-.159
300	1168	-.139	.102	.105	-1.162
300	1169	-.084	.063	.231	-.444
300	1170	-.033	.037	.143	-.211
300	1171	-.037	.038	.188	-.216
300	1172	-.021	.038	.195	-.137
300	1201	.145	.154	.961	-.343
300	1202	.234	.169	1.068	-.221
300	1203	.291	.174	.988	-.134
300	1204	.292	.174	.901	-.179
300	1205	.304	.177	.959	-.183
300	1206	.196	.160	.728	-.247
300	1207	.165	.146	.806	-.232
300	1208	.330	.172	1.028	-.127
300	1209	.356	.185	1.214	-.095
300	1210	.373	.187	1.082	-.124
300	1211	.346	.186	.984	-.149
300	1212	.224	.163	.838	-.231
300	1213	.076	.122	.603	-.265
300	1214	.233	.143	.796	-.152
300	1215	.377	.179	1.063	-.102
300	1216	.399	.185	1.062	-.120
300	1217	.267	.168	.835	-.117
300	1218	.132	.144	.649	-.212

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1219	.037	.117	.588	-.394
300	1220	.211	.142	.922	-.160
300	1221	.234	.151	.904	-.135
300	1222	.067	.128	.645	-.247
300	1223	.028	.114	.610	-.356
300	1224	.183	.136	.861	-.198
300	1225	.341	.169	1.107	-.068
300	1226	.354	.177	1.099	-.013
300	1227	.238	.150	.844	-.142
300	1228	.054	.127	.572	-.303
300	1229	-.008	.119	.643	-.495
300	1230	.175	.138	.923	-.194
300	1231	.285	.157	1.001	-.163
300	1232	.281	.171	1.147	-.224
300	1233	.181	.157	.960	-.329
300	1234	.025	.132	.662	-.552
300	1235	-.014	.123	.445	-.716
300	1236	.098	.143	.672	-.582
300	1237	.189	.155	.893	-.428
300	1238	.197	.163	.902	-.517
300	1239	.129	.158	.708	-.570
300	1240	.010	.136	.607	-.619
300	1241	-.060	.098	.614	-.487
300	1242	.059	.092	.493	-.177
300	1243	.172	.116	.666	-.090
300	1244	.147	.114	.765	-.096
300	1245	.074	.112	.652	-.336
300	1246	-.046	.100	.437	-.434
300	1247	-.090	.087	.372	-.492
300	1248	-.014	.066	.370	-.287
300	1249	.059	.072	.429	-.140
300	1250	.072	.080	.470	-.113
300	1251	.012	.084	.420	-.272
300	1252	-.087	.084	.276	-.413
300	1253	-.119	.073	.152	-.509
300	1254	-.063	.040	.072	-.256
300	1255	-.066	.054	.140	-.345
300	1256	-.065	.042	.108	-.301
300	1257	-.056	.034	.068	-.280
300	1258	-.002	.043	.260	-.174
300	1259	.007	.050	.280	-.187
300	1260	-.062	.054	.224	-.276
300	1261	-.120	.072	.172	-.435
300	1262	-.129	.064	.099	-.433
300	1263	-.076	.040	.054	-.338
300	1264	-.056	.035	.062	-.274
300	1265	-.090	.035	.029	-.275
300	1266	-.049	.035	.108	-.191
300	1267	-.016	.038	.244	-.160
300	1268	.030	.045	.293	-.112
300	1269	.039	.041	.245	-.083
300	1270	-.046	.033	.080	-.198
300	1271	-.091	.041	.032	-.333
300	1272	-.059	.031	.076	-.176
300	1273	-.003	.041	.211	-.117
300	1274	.055	.057	.357	-.082
300	1275	.133	.077	.549	-.045
300	1276	.113	.075	.571	-.052
300	1277	.008	.042	.238	-.148
300	1278	.001	.041	.196	-.148
300	1279	.165	.092	.722	-.036
300	1280	.142	.093	.703	-.046
300	1281	.061	.061	.406	-.085
300	1301	-.283	.126	.228	-.895
300	1302	-.310	.128	.075	-.947
300	1303	-.296	.129	.036	-1.105
300	1304	-.280	.148	.117	-1.204
300	1305	-.271	.130	.120	-.876
300	1306	-.288	.122	.012	-1.151
300	1307	-.273	.119	.006	-1.096
300	1308	-.329	.170	.104	-1.391
300	1309	-.320	.143	.111	-1.072
300	1310	-.269	.104	-.017	-.938
300	1311	-.272	.114	-.002	-1.069
300	1312	-.298	.136	.052	-1.293
300	1313	-.298	.138	.023	-1.377
300	1314	-.326	.177	.182	-1.395
300	1315	-.330	.162	.097	-1.323
300	1316	-.349	.167	.029	-1.545
300	1317	-.350	.164	.004	-1.587
300	1318	-.362	.176	.050	-1.580
300	1319	-.368	.185	.031	-2.053
300	1320	-.276	.169	.098	-1.251
300	1321	-.273	.156	.119	-1.062
300	1322	-.325	.168	.026	-1.360
300	1323	-.370	.182	.087	-1.791
300	1324	-.240	.165	.104	-1.258
300	1325	-.242	.148	.107	-.917
300	1326	-.329	.156	.003	-1.141
300	1327	-.371	.158	-.027	-1.833
300	1328	-.361	.150	-.020	-1.517
300	1329	-.251	.111	.010	-.997
300	1330	-.211	.114	.068	-.858
300	1331	-.306	.167	.128	-1.172
300	1332	-.344	.164	-.027	-1.617
300	1333	-.336	.155	.010	-1.596
300	1334	-.133	.050	.050	-.404
300	1335	-.166	.052	.012	-.456
300	1336	-.128	.098	.267	-.699
300	1337	-.278	.215	.114	-1.913
300	1338	-.323	.228	.102	-1.724
300	1339	-.117	.043	.035	-.374
300	1340	-.101	.045	.079	-.421
300	1341	-.150	.086	.080	-1.168
300	1342	-.180	.134	.051	-1.122
300	1343	-.230	.179	.092	-1.612
300	1344	-.111	.040	.169	-.312
300	1345	-.098	.039	.021	-.390
300	1346	-.119	.056	.048	-.508
300	1347	-.197	.108	.022	-.775
300	1348	-.280	.159	.049	-1.156
300	1349	-.122	.032	.042	-.296
300	1350	-.075	.030	.061	-.234
300	1351	-.084	.037	.042	-.262
300	1353	-.179	.057	-.016	-.501
300	1354	-.068	.030	.080	-.213
300	1355	-.057	.028	.072	-.156
300	1356	-.068	.033	.116	-.243
300	1357	-.101	.036	.039	-.280
300	1358	-.097	.035	.028	-.354
300	1359	-.024	.037	.193	-.135
300	1360	-.036	.035	.164	-.156
300	1361	-.073	.037	.130	-.306
300	1362	-.113	.081	.057	-.612
300	1401	-.263	.089	.003	-.884
300	1402	-.250	.086	.037	-.744
300	1403	-.242	.066	-.028	-.533
300	1404	-.210	.086	.107	-.631
300	1405	-.240	.104	.053	-.801
300	1406	-.273	.080	-.080	-.618
300	1407	-.274	.071	-.050	-.604
300	1408	-.193	.056	-.019	-.426
300	1409	-.226	.074	-.027	-.526
300	1410	-.235	.095	.021	-.646
300	1411	-.284	.081	-.092	-.641
300	1412	-.276	.069	-.116	-.584
300	1413	-.193	.055	-.023	-.457
300	1414	-.197	.069	.034	-.540
300	1415	-.226	.091	.045	-.677
300	1416	-.274	.080	-.048	-.666
300	1417	-.271	.073	-.055	-.599
300	1418	-.211	.062	-.017	-.505
300	1419	-.234	.092	.090	-.611
300	1420	-.268	.117	.104	-.770
300	1421	-.295	.093	-.064	-.772
300	1422	-.262	.079	-.069	-.706
300	1423	-.193	.064	-.022	-.533
300	1424	-.191	.096	.067	-.709
300	1425	-.211	.119	.102	-.766
300	1426	-.248	.087	.005	-.800

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1427	-.213	.068	.012	-.552
300	1428	-.202	.066	-.046	-.519
300	1429	-.249	.092	-.023	-.739
300	1430	-.212	.098	.089	-.767
300	1431	-.177	.072	.081	-.578
300	1432	-.179	.071	.020	-.625
300	1433	-.230	.069	-.037	-.748
300	1434	-.192	.072	.054	-.675
300	1435	-.198	.069	-.028	-.590
300	1436	-.117	.041	.013	-.318
300	1437	-.214	.063	-.042	-.568
300	1438	-.163	.056	-.014	-.453
300	1439	-.148	.051	-.002	-.474
300	1440	-.093	.047	.095	-.379
300	1441	-.144	.046	.019	-.415
300	1442	-.186	.061	-.038	-.620
300	1443	-.150	.057	.012	-.559
300	1444	-.138	.055	.013	-.503
300	1445	-.065	.038	.093	-.214
300	1446	-.064	.039	.128	-.220
300	1447	-.056	.031	.072	-.229
300	1448	-.162	.054	-.016	-.480
300	1449	-.124	.049	.014	-.417
300	1450	-.054	.041	.123	-.311
300	1451	-.053	.042	.100	-.283
300	1452	-.077	.038	.166	-.263
300	1453	-.050	.039	.087	-.310
300	1454	-.038	.029	.081	-.149
300	1455	-.066	.037	.050	-.278
300	1456	-.140	.057	.010	-.510
300	1901	.107	.075	.538	-.071
300	1902	-.029	.037	.125	-.151
300	1903	-.048	.032	.121	-.167
300	1904	-.055	.032	.073	-.190
300	1905	-.325	.106	-.057	-.962
300	1906	-.335	.116	-.057	-1.056
300	2101	-.257	.149	.306	-1.139
300	2102	-.246	.146	.283	-.925
300	2103	-.197	.131	.175	-1.143
300	2104	-.126	.097	.200	-.732
300	2105	-.121	.089	.134	-.617
300	2106	-.256	.172	.325	-.998
300	2107	-.259	.166	.241	-.948
300	2108	-.130	.106	.213	-.711
300	2109	-.088	.053	.101	-.372
300	2110	-.107	.049	.087	-.384
300	2111	-.008	.094	.446	-.698
300	2112	-.003	.071	.356	-.420
300	2113	-.025	.044	.173	-.218
300	2114	-.073	.046	.097	-.392
300	2115	-.130	.064	.039	-.526
300	2116	-.029	.042	.224	-.207
300	2117	-.024	.038	.147	-.151
300	2118	-.020	.034	.128	-.133
300	2119	-.037	.047	.218	-.189
300	2120	-.037	.074	.351	-.410
300	2121	-.067	.051	.114	-.279
300	2201	-.129	.079	.093	-.573
300	2202	-.128	.078	.095	-.542
300	2203	-.158	.089	.095	-.687
300	2204	-.129	.050	.024	-.464
300	2205	-.125	.050	.025	-.437
300	2206	-.155	.051	-.007	-.430
300	2207	-.287	.148	.165	-1.122
300	2208	-.184	.105	.028	-.889
300	2209	-.132	.085	.065	-.785
300	2210	-.100	.057	.109	-.425
300	2211	-.088	.036	.034	-.322
300	2212	-.111	.032	-.015	-.283
300	2301	-.186	.144	.188	-1.157
300	2302	-.188	.156	.247	-1.396
300	2303	-.217	.122	.168	-.963
300	2304	-.211	.111	.146	-.820
300	2305	-.217	.117	.178	-.789
300	2306	-.252	.110	.185	-.915
300	2307	-.278	.098	.097	-.827
300	2308	-.186	.071	.024	-.823
300	2309	-.174	.062	.047	-.419
300	2310	-.166	.050	-.009	-.371
300	2311	-.200	.053	-.032	-.427
300	2312	-.205	.056	-.028	-.446
300	2313	-.217	.061	-.015	-.509
300	2314	-.225	.065	-.030	-.519
300	2315	-.097	.061	.127	-.537
300	2316	-.082	.063	.304	-.316
300	2317	-.097	.042	.095	-.306
300	2318	-.159	.047	.091	-.473
300	2319	-.137	.047	.150	-.448
300	2320	-.223	.086	-.030	-.838
300	2321	-.229	.094	-.018	-.836
300	2322	-.144	.032	-.056	-.289
300	2323	-.106	.031	-.021	-.246
300	2324	-.083	.025	-.012	-.193
300	2325	-.084	.027	-.006	-.196
300	2326	-.130	.044	.024	-.389
300	2327	-.105	.056	.026	-.401
300	2401	-.313	.114	-.006	-.837
300	2402	-.307	.107	-.005	-.797
300	2403	-.287	.114	.254	-1.120
300	2404	-.276	.128	.383	-.818
300	2405	-.252	.076	-.041	-.618
300	2406	-.269	.076	-.069	-.666
300	2407	-.346	.145	.180	-1.053
300	2408	-.343	.184	.307	-1.578
300	2409	-.190	.059	-.037	-.564
300	2410	-.170	.053	-.034	-.475
300	2411	-.135	.127	.290	-.802
300	2412	-.083	.164	.441	-1.163
300	2413	-.064	.043	.077	-.244
300	2414	-.052	.038	.086	-.233
300	2415	-.062	.047	.192	-.296
300	2416	-.024	.049	.291	-.382
310	1101	-.244	.070	-.022	-.577
310	1102	-.253	.073	-.022	-.586
310	1103	-.277	.083	-.038	-.762
310	1104	-.289	.094	-.035	-.806
310	1105	-.256	.067	-.081	-.559
310	1106	-.281	.081	-.034	-.638
310	1107	-.288	.084	-.072	-.771
310	1108	-.275	.069	-.063	-.631
310	1109	-.299	.078	-.092	-.689
310	1110	-.316	.081	-.110	-.795
310	1111	-.284	.075	-.039	-.589
310	1112	-.286	.074	-.049	-.570
310	1113	-.306	.075	-.069	-.675
310	1114	-.311	.079	-.096	-.606
310	1115	-.302	.083	-.121	-.660
310	1116	-.306	.089	-.097	-.741
310	1117	-.291	.084	-.067	-.662
310	1118	-.287	.083	-.076	-.671
310	1119	-.312	.103	-.084	-1.174
310	1120	-.331	.109	-.076	-.893
310	1121	-.325	.104	-.076	-.822
310	1122	-.309	.093	-.060	-.771
310	1123	-.311	.090	-.082	-.803
310	1124	-.304	.093	-.086	-.819
310	1125	-.338	.105	-.071	-1.078
310	1126	-.349	.107	-.087	-.931
310	1127	-.322	.109	.018	-.915
310	1128	-.361	.123	-.038	-1.008
310	1129	-.345	.121	-.065	-1.006
310	1130	-.319	.106	-.059	-.801
310	1131	-.271	.086	-.022	-.619
310	1132	-.270	.084	-.034	-.664
310	1133	-.339	.118	-.005	-1.076
310	1134	-.347	.130	-.048	-.960
310	1135	-.362	.141	-.010	-1.299
310	1136	-.366	.158	.093	-1.109
310	1137	-.355	.149	.014	-1.036
310	1138	-.267	.113	.131	-.725

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	1139	-.201	.087	.085	-.576
310	1140	-.208	.075	.029	-.528
310	1141	-.355	.130	.052	-1.311
310	1142	-.373	.139	.028	-1.571
310	1143	-.372	.149	.011	-1.303
310	1144	-.320	.176	-.014	-1.237
310	1145	-.301	.158	.034	-1.012
310	1146	-.201	.113	.057	-.788
310	1147	-.116	.072	.162	-.506
310	1148	-.074	.067	.192	-.536
310	1149	-.386	.167	-.038	-1.182
310	1150	-.370	.176	.016	-1.327
310	1151	-.313	.174	.072	-1.204
310	1152	-.158	.076	-.021	-.752
310	1153	-.091	.053	.081	-.415
310	1154	-.100	.042	.015	-.320
310	1155	-.110	.036	.058	-.336
310	1156	-.139	.040	-.012	-.390
310	1157	-.205	.098	-.020	-.811
310	1158	-.195	.094	-.020	-1.064
310	1159	-.155	.072	-.020	-.879
310	1160	-.100	.059	.008	-.608
310	1161	-.122	.064	.028	-.656
310	1162	-.126	.052	.006	-.469
310	1163	-.104	.038	.018	-.270
310	1164	-.062	.033	.047	-.275
310	1165	-.084	.032	.041	-.226
310	1166	-.078	.030	.050	-.199
310	1167	-.095	.032	.027	-.225
310	1168	-.114	.073	.071	-.768
310	1169	-.080	.050	.055	-.442
310	1170	-.048	.029	.058	-.180
310	1171	-.051	.028	.059	-.138
310	1172	-.037	.029	.094	-.139
310	1201	.163	.160	.799	-.279
310	1202	.243	.168	.895	-.200
310	1203	.280	.177	1.018	-.138
310	1204	.245	.163	.981	-.161
310	1205	.167	.142	.655	-.181
310	1206	.104	.129	.716	-.266
310	1207	.166	.151	.842	-.329
310	1208	.293	.179	.925	-.150
310	1209	.353	.189	1.177	-.173
310	1210	.323	.174	1.133	-.085
310	1211	.210	.150	.772	-.237
310	1212	.093	.120	.653	-.283
310	1213	.100	.130	.579	-.341
310	1214	.269	.162	.960	-.131
310	1215	.345	.177	1.063	-.035
310	1216	.303	.164	.974	-.182
310	1217	.167	.128	.857	-.145
310	1218	.036	.103	.667	-.220
310	1219	.076	.133	.597	-.401
310	1220	.185	.148	.738	-.155
310	1221	.101	.108	.629	-.149
310	1222	-.011	.089	.471	-.294
310	1223	.052	.121	.588	-.409
310	1224	.213	.148	.896	-.175
310	1225	.333	.171	1.072	-.015
310	1226	.300	.156	1.027	-.030
310	1227	.108	.113	.621	-.139
310	1228	-.022	.086	.403	-.278
310	1229	.025	.126	.472	-.374
310	1230	.212	.149	.802	-.213
310	1231	.244	.161	.991	-.162
310	1232	.241	.143	.854	-.140
310	1233	.121	.119	.800	-.251
310	1234	-.031	.098	.647	-.416
310	1235	.019	.124	.535	-.655
310	1236	.136	.139	.725	-.506
310	1237	.202	.145	.929	-.437
310	1238	.171	.139	.800	-.546
310	1239	.026	.121	.645	-.574
310	1240	-.026	.112	.527	-.534
310	1241	-.040	.087	.358	-.350
310	1242	.079	.095	.529	-.171
310	1243	.130	.111	.648	-.118
310	1244	.134	.107	.616	-.122
310	1245	-.006	.082	.691	-.270
310	1246	-.078	.081	.408	-.377
310	1247	-.063	.072	.303	-.361
310	1248	.007	.069	.338	-.231
310	1249	.067	.078	.508	-.115
310	1250	.070	.078	.531	-.129
310	1251	-.041	.062	.564	-.260
310	1252	-.114	.078	.311	-.396
310	1253	-.082	.062	.153	-.469
310	1254	-.054	.037	.115	-.247
310	1255	-.051	.045	.169	-.229
310	1256	-.057	.038	.157	-.210
310	1257	-.053	.033	.111	-.221
310	1258	-.016	.038	.172	-.146
310	1259	-.009	.042	.186	-.144
310	1260	-.060	.046	.211	-.249
310	1261	-.121	.063	.046	-.461
310	1262	-.100	.058	.090	-.350
310	1263	-.068	.038	.063	-.248
310	1264	-.054	.034	.081	-.210
310	1265	-.083	.032	.045	-.238
310	1266	-.052	.032	.062	-.359
310	1267	-.025	.035	.146	-.225
310	1268	.012	.039	.262	-.124
310	1269	.018	.036	.215	-.082
310	1270	-.034	.031	.086	-.165
310	1271	-.066	.039	.060	-.263
310	1272	-.050	.029	.081	-.176
310	1273	-.006	.038	.244	-.106
310	1274	.036	.051	.362	-.106
310	1275	.092	.064	.471	-.058
310	1276	.079	.061	.453	-.064
310	1277	.007	.035	.206	-.092
310	1278	.001	.038	.221	-.139
310	1279	.101	.075	.453	-.068
310	1280	.082	.074	.428	-.080
310	1281	.026	.048	.244	-.086
310	1301	-.268	.141	.196	-.952
310	1302	-.436	.180	.073	-1.508
310	1303	-.434	.195	-.055	-1.472
310	1304	-.294	.162	.120	-1.393
310	1305	-.283	.139	.095	-.916
310	1306	-.392	.165	.030	-1.420
310	1307	-.373	.159	-.001	-1.303
310	1308	-.336	.193	.204	-1.528
310	1309	-.341	.168	.107	-1.060
310	1310	-.336	.153	-.028	-1.468
310	1311	-.360	.148	-.013	-1.516
310	1312	-.396	.148	.003	-1.317
310	1313	-.393	.147	-.001	-1.304
310	1314	-.352	.187	.165	-1.462
310	1315	-.363	.177	.132	-1.374
310	1316	-.435	.175	.083	-1.608
310	1317	-.444	.170	.042	-1.536
310	1318	-.414	.194	.045	-1.399
310	1319	-.447	.197	.029	-1.789
310	1320	-.273	.147	.100	-1.054
310	1321	-.277	.150	.047	-.916
310	1322	-.370	.188	.040	-1.319
310	1323	-.510	.197	.053	-1.541
310	1324	-.195	.103	.124	-.784
310	1325	-.195	.117	.109	-.789
310	1326	-.306	.149	.022	-.943
310	1327	-.399	.146	.004	-1.004
310	1328	-.396	.140	-.041	-.981
310	1329	-.247	.085	-.035	-.685
310	1330	-.195	.088	.059	-.629
310	1331	-.256	.149	.079	-1.061
310	1332	-.342	.156	-.023	-1.056
310	1333	-.336	.146	-.048	-.950
310	1334	-.147	.050	.018	-.364
310	1335	-.176	.046	.059	-.394

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	1336	-.103	.060	.207	-.504
310	1337	-.199	.163	.148	-1.544
310	1338	-.296	.203	.152	-2.041
310	1339	-.123	.038	.005	-.282
310	1340	-.101	.036	.037	-.232
310	1341	-.132	.050	.066	-.490
310	1342	-.137	.074	.082	-.769
310	1343	-.176	.120	.119	-1.023
310	1344	-.119	.038	-.007	-.290
310	1345	-.098	.033	.012	-.256
310	1346	-.107	.042	.013	-.333
310	1347	-.141	.070	.044	-.656
310	1348	-.250	.149	.068	-1.196
310	1349	-.132	.030	-.023	-.255
310	1350	-.078	.027	.026	-.191
310	1351	-.085	.030	.028	-.221
310	1353	-.186	.056	-.051	-.504
310	1354	-.080	.030	.014	-.210
310	1355	-.064	.027	.044	-.170
310	1356	-.068	.029	.039	-.194
310	1357	-.086	.030	.043	-.256
310	1358	-.095	.032	.009	-.273
310	1359	-.044	.032	.111	-.158
310	1360	-.055	.030	.078	-.160
310	1361	-.080	.029	.061	-.249
310	1362	-.117	.062	.018	-.621
310	1401	-.273	.087	-.010	-.692
310	1402	-.268	.089	.035	-.692
310	1403	-.221	.066	-.025	-.500
310	1404	-.235	.095	.063	-.843
310	1405	-.202	.096	.068	-.668
310	1406	-.274	.066	-.104	-.574
310	1407	-.239	.056	-.090	-.498
310	1408	-.208	.060	.035	-.491
310	1409	-.237	.085	.003	-.703
310	1410	-.251	.108	.021	-.745
310	1411	-.276	.068	-.054	-.618
310	1412	-.269	.061	-.030	-.562
310	1413	-.211	.055	-.027	-.420
310	1414	-.233	.088	.024	-.708
310	1415	-.266	.115	.059	-.906
310	1416	-.285	.074	-.105	-.687
310	1417	-.276	.068	-.113	-.613
310	1418	-.203	.059	-.020	-.443
310	1419	-.224	.091	.040	-.674
310	1420	-.238	.112	.081	-1.043
310	1421	-.267	.072	-.058	-.623
310	1422	-.248	.064	-.066	-.541
310	1423	-.193	.058	-.024	-.480
310	1424	-.187	.083	.035	-.633
310	1425	-.188	.096	.072	-.756
310	1426	-.242	.074	-.021	-.608
310	1427	-.223	.064	-.063	-.483
310	1428	-.212	.069	-.022	-.589
310	1429	-.254	.082	-.049	-.706
310	1430	-.207	.080	.000	-.612
310	1431	-.169	.064	.056	-.471
310	1432	-.169	.066	.004	-.488
310	1433	-.248	.071	-.072	-.636
310	1434	-.211	.071	-.028	-.558
310	1435	-.199	.069	-.044	-.585
310	1436	-.122	.040	.001	-.321
310	1437	-.237	.069	-.079	-.610
310	1438	-.182	.060	-.040	-.495
310	1439	-.169	.056	-.035	-.473
310	1440	-.080	.046	.105	-.326
310	1441	-.133	.045	.022	-.333
310	1442	-.164	.056	-.025	-.545
310	1443	-.181	.062	-.044	-.515
310	1444	-.166	.059	-.032	-.460
310	1445	-.058	.034	.093	-.196
310	1446	-.073	.028	.026	-.164
310	1447	-.062	.031	.055	-.204
310	1448	-.187	.060	-.018	-.598
310	1449	-.143	.053	-.023	-.542
310	1450	-.048	.032	.072	-.182
310	1451	-.044	.033	.053	-.187
310	1452	-.081	.031	.059	-.183
310	1453	-.045	.030	.071	-.146
310	1454	-.046	.026	.072	-.121
310	1455	-.078	.040	.055	-.345
310	1456	-.171	.066	-.009	-.638
310	1901	.068	.072	.453	-.089
310	1902	-.050	.029	.068	-.172
310	1903	-.061	.027	.064	-.150
310	1904	-.074	.029	.055	-.185
310	1905	-.312	.102	-.014	-.911
310	1906	-.340	.121	-.053	-.985
310	2101	-.257	.116	.232	-.858
310	2102	-.259	.124	.279	-.922
310	2103	-.225	.128	.291	-1.494
310	2104	-.156	.107	.201	-.949
310	2105	-.160	.108	.129	-.897
310	2106	-.302	.120	.155	-.954
310	2107	-.310	.120	.139	-1.073
310	2108	-.200	.103	.092	-.713
310	2109	-.116	.058	.090	-.445
310	2110	-.122	.053	.043	-.409
310	2111	-.056	.113	.532	-.659
310	2112	-.043	.085	.334	-.529
310	2113	-.047	.045	.140	-.216
310	2114	-.068	.036	.070	-.197
310	2115	-.104	.040	.018	-.287
310	2116	-.066	.043	.156	-.224
310	2117	-.053	.034	.142	-.210
310	2118	-.044	.032	.083	-.152
310	2119	-.050	.049	.183	-.195
310	2120	-.046	.069	.294	-.290
310	2121	-.079	.046	.163	-.267
310	2201	-.132	.073	.084	-.751
310	2202	-.127	.071	.081	-.683
310	2203	-.144	.072	.095	-.674
310	2204	-.127	.046	.069	-.401
310	2205	-.129	.049	-.003	-.389
310	2206	-.145	.050	-.007	-.414
310	2207	-.317	.167	.168	-1.083
310	2208	-.127	.058	.052	-.479
310	2209	-.099	.072	.117	-.643
310	2210	-.122	.060	.147	-.436
310	2211	-.086	.030	.020	-.211
310	2212	-.099	.030	.027	-.228
310	2301	-.157	.112	.203	-.874
310	2302	-.155	.116	.237	-.840
310	2303	-.225	.111	.152	-.806
310	2304	-.220	.101	.108	-.638
310	2305	-.223	.107	.190	-.871
310	2306	-.267	.104	.117	-.787
310	2307	-.293	.092	.085	-.693
310	2308	-.166	.069	.130	-.553
310	2309	-.161	.065	.108	-.424
310	2310	-.180	.056	.046	-.396
310	2311	-.219	.062	.062	-.464
310	2312	-.228	.069	.031	-.529
310	2313	-.221	.062	-.081	-.481
310	2314	-.228	.065	-.084	-.507
310	2315	-.071	.053	.188	-.320
310	2316	-.053	.058	.249	-.312
310	2317	-.077	.062	.258	-.276
310	2318	-.142	.067	.205	-.462
310	2319	-.116	.068	.193	-.556
310	2320	-.209	.063	.009	-.599
310	2321	-.217	.071	-.003	-.651
310	2322	-.130	.030	-.032	-.248
310	2323	-.089	.028	.007	-.210
310	2324	-.083	.025	.007	-.168
310	2325	-.081	.027	.020	-.168
310	2326	-.137	.040	.022	-.401
310	2327	-.093	.048	.061	-.356
310	2401	-.293	.104	-.010	-1.002
310	2402	-.287	.095	-.003	-.774

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	2403	-.266	.093	.090	-.940
310	2404	-.268	.100	.081	-.906
310	2405	-.241	.072	-.050	-.640
310	2406	-.250	.068	-.079	-.621
310	2407	-.316	.105	.125	-.845
310	2408	-.324	.122	.251	-1.140
310	2409	-.183	.055	-.028	-.443
310	2410	-.166	.053	.001	-.406
310	2411	-.192	.135	.209	-.995
310	2412	-.150	.178	.259	-1.046
310	2413	-.052	.034	.086	-.177
310	2414	-.042	.032	.109	-.185
310	2415	-.076	.039	.146	-.234
310	2416	-.038	.039	.191	-.198
320	1101	-.232	.067	-.037	-.523
320	1102	-.211	.066	-.003	-.507
320	1103	-.227	.073	.028	-.557
320	1104	-.237	.077	.001	-.616
320	1105	-.210	.055	-.040	-.489
320	1106	-.220	.060	-.041	-.635
320	1107	-.229	.064	-.045	-.693
320	1108	-.200	.045	-.077	-.423
320	1109	-.213	.051	-.087	-.527
320	1110	-.247	.053	-.114	-.552
320	1111	-.201	.048	-.066	-.474
320	1112	-.202	.048	-.063	-.473
320	1113	-.240	.047	-.099	-.496
320	1114	-.233	.050	-.097	-.490
320	1115	-.219	.050	-.082	-.492
320	1116	-.242	.056	-.078	-.491
320	1117	-.218	.052	-.045	-.438
320	1118	-.209	.051	-.061	-.456
320	1119	-.221	.058	-.071	-.597
320	1120	-.230	.051	-.076	-.477
320	1121	-.232	.050	-.085	-.468
320	1122	-.226	.054	-.061	-.509
320	1123	-.268	.055	-.119	-.559
320	1124	-.253	.057	-.094	-.537
320	1125	-.218	.056	-.070	-.685
320	1126	-.221	.058	-.062	-.705
320	1127	-.240	.056	-.064	-.546
320	1128	-.289	.074	-.119	-.872
320	1129	-.269	.060	-.085	-.618
320	1130	-.265	.058	-.083	-.548
320	1131	-.259	.052	-.118	-.495
320	1132	-.268	.056	-.133	-.564
320	1133	-.254	.056	-.106	-.564
320	1134	-.253	.060	-.092	-.628
320	1135	-.264	.066	-.081	-.673
320	1136	-.300	.083	-.094	-.873
320	1137	-.295	.081	-.080	-.845
320	1138	-.275	.069	-.083	-.603
320	1139	-.258	.056	-.090	-.524
320	1140	-.261	.059	-.101	-.502
320	1141	-.322	.087	-.104	-.821
320	1142	-.337	.090	-.102	-.874
320	1143	-.344	.098	-.038	-.901
320	1144	-.354	.115	-.067	-1.001
320	1145	-.361	.113	-.096	-.928
320	1146	-.253	.082	-.008	-.624
320	1147	-.165	.066	.056	-.477
320	1148	-.120	.062	.092	-.374
320	1149	-.416	.122	-.120	-1.235
320	1150	-.401	.123	-.082	-1.076
320	1151	-.382	.126	-.057	-.985
320	1152	-.263	.090	-.051	-.788
320	1153	-.163	.074	.014	-.622
320	1154	-.163	.062	.029	-.509
320	1155	-.134	.043	.039	-.310
320	1156	-.152	.038	-.005	-.290
320	1157	-.287	.095	-.077	-.808
320	1158	-.278	.100	-.051	-1.041
320	1159	-.236	.089	-.027	-.825
320	1160	-.185	.089	-.002	-.804
320	1161	-.195	.085	-.037	-1.280
320	1162	-.185	.063	-.018	-.559
320	1163	-.151	.045	.020	-.398
320	1164	-.117	.046	.020	-.401
320	1165	-.114	.040	.081	-.327
320	1166	-.087	.035	.144	-.214
320	1167	-.096	.035	.089	-.234
320	1168	-.188	.093	.040	-.681
320	1169	-.138	.059	.055	-.423
320	1170	-.085	.031	.070	-.192
320	1171	-.088	.035	.059	-.218
320	1172	-.069	.035	.094	-.185
320	1201	.128	.146	.851	-.336
320	1202	.187	.138	.972	-.157
320	1203	.161	.133	1.001	-.221
320	1204	.147	.127	.914	-.237
320	1205	.103	.119	.822	-.178
320	1206	.039	.106	.567	-.364
320	1207	.123	.139	.828	-.295
320	1208	.224	.131	.884	-.090
320	1209	.219	.132	1.066	-.102
320	1210	.207	.127	.868	-.132
320	1211	.125	.120	.868	-.181
320	1212	.036	.097	.715	-.223
320	1213	.074	.114	.616	-.355
320	1214	.169	.110	.683	-.202
320	1215	.231	.123	.876	-.050
320	1216	.211	.117	.777	-.069
320	1217	.089	.092	.546	-.179
320	1218	-.001	.076	.406	-.240
320	1219	.016	.109	.615	-.368
320	1220	.154	.102	.710	-.110
320	1221	.090	.094	.693	-.151
320	1222	-.020	.073	.401	-.247
320	1223	.015	.098	.560	-.239
320	1224	.131	.100	.635	-.137
320	1225	.207	.106	.771	-.050
320	1226	.196	.106	.800	-.097
320	1227	.099	.091	.504	-.149
320	1228	-.030	.065	.308	-.244
320	1229	-.016	.099	.715	-.402
320	1230	.137	.094	.604	-.132
320	1231	.198	.107	.986	-.079
320	1232	.192	.103	.689	-.116
320	1233	.078	.094	.538	-.211
320	1234	-.028	.076	.359	-.263
320	1235	.001	.096	.537	-.382
320	1236	.095	.096	.708	-.336
320	1237	.139	.101	.805	-.232
320	1238	.131	.105	.693	-.230
320	1239	.079	.101	.585	-.382
320	1240	-.029	.079	.387	-.399
320	1241	-.023	.074	.365	-.260
320	1242	.053	.072	.406	-.165
320	1243	.121	.082	.550	-.085
320	1244	.123	.090	.623	-.071
320	1245	.041	.083	.475	-.239
320	1246	-.054	.070	.329	-.247
320	1247	-.050	.059	.211	-.312
320	1248	.010	.055	.256	-.198
320	1249	.047	.065	.392	-.139
320	1250	.066	.072	.397	-.153
320	1251	-.002	.071	.411	-.188
320	1252	-.081	.063	.210	-.347
320	1253	-.077	.052	.156	-.317
320	1254	-.062	.032	.045	-.200
320	1255	-.051	.041	.116	-.231
320	1256	-.054	.034	.087	-.198
320	1257	-.048	.029	.048	-.185
320	1258	-.009	.036	.164	-.142
320	1259	.001	.043	.235	-.140
320	1260	-.054	.050	.197	-.251
320	1261	-.137	.061	.097	-.385
320	1262	-.094	.050	.091	-.333
320	1263	-.063	.034	.077	-.267
320	1264	-.049	.030	.070	-.212

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	1265	-.075	.029	.053	-.263
320	1266	-.046	.029	.114	-.185
320	1267	-.019	.030	.144	-.135
320	1268	.015	.036	.187	-.124
320	1269	.018	.033	.219	-.106
320	1270	-.049	.032	.067	-.182
320	1271	-.091	.039	.063	-.286
320	1272	-.053	.029	.109	-.154
320	1273	-.010	.035	.176	-.114
320	1274	.027	.040	.246	-.095
320	1275	.079	.050	.288	-.049
320	1276	.066	.049	.298	-.076
320	1277	-.011	.032	.124	-.121
320	1278	-.021	.032	.105	-.147
320	1279	.109	.061	.390	-.051
320	1280	.085	.061	.402	-.073
320	1281	.015	.041	.217	-.122
320	1301	-.173	.091	.191	-.748
320	1302	-.410	.207	.179	-1.284
320	1303	-.476	.227	.182	-1.480
320	1304	-.217	.102	.134	-1.225
320	1305	-.229	.110	.061	-.834
320	1306	-.438	.207	.313	-1.533
320	1307	-.436	.190	.342	-1.414
320	1308	-.274	.140	.046	-1.079
320	1309	-.257	.128	.106	-.934
320	1310	-.345	.151	.218	-1.067
320	1311	-.399	.151	.249	-1.079
320	1312	-.379	.123	.249	-.857
320	1313	-.368	.115	.152	-.847
320	1314	-.304	.141	.124	-1.052
320	1315	-.313	.131	.090	-1.176
320	1316	-.393	.129	.185	-1.223
320	1317	-.402	.122	.001	-1.153
320	1318	-.330	.151	.062	-1.102
320	1319	-.455	.184	.240	-1.418
320	1320	-.223	.093	.055	-.737
320	1321	-.228	.100	.042	-.775
320	1322	-.314	.137	.086	-.989
320	1323	-.445	.145	-.041	-1.194
320	1324	-.205	.067	.027	-.711
320	1325	-.168	.080	.048	-.712
320	1326	-.285	.123	.010	-.825
320	1327	-.394	.118	-.020	-1.198
320	1328	-.394	.115	-.064	-1.199
320	1329	-.226	.062	-.024	-.627
320	1330	-.175	.066	.032	-.635
320	1331	-.233	.106	.019	-.804
320	1332	-.348	.123	-.062	-1.208
320	1333	-.340	.115	-.091	-1.065
320	1334	-.145	.037	.004	-.324
320	1335	-.181	.037	.027	-.369
320	1336	-.115	.060	.095	-.523
320	1337	-.221	.156	.138	-1.451
320	1338	-.298	.185	.125	-1.619
320	1339	-.127	.031	-.000	-.262
320	1340	-.104	.032	.064	-.253
320	1341	-.144	.050	.066	-.605
320	1342	-.142	.084	.010	-.891
320	1343	-.176	.128	.056	-.994
320	1344	-.125	.032	-.032	-.326
320	1345	-.105	.031	.002	-.378
320	1346	-.113	.041	-.001	-.401
320	1347	-.159	.079	.020	-.529
320	1348	-.260	.140	.025	-1.044
320	1349	-.141	.029	-.038	-.267
320	1350	-.082	.028	.017	-.192
320	1351	-.088	.033	.022	-.248
320	1353	-.187	.047	-.038	-.418
320	1354	-.082	.029	.017	-.192
320	1355	-.067	.026	.041	-.161
320	1356	-.070	.030	.021	-.207
320	1357	-.085	.029	-.001	-.283
320	1358	-.102	.036	.007	-.438
320	1359	-.048	.031	.082	-.175
320	1360	-.059	.028	.054	-.182
320	1361	-.084	.028	.033	-.239
320	1362	-.125	.068	.026	-.598
320	1401	-.223	.075	.013	-.572
320	1402	-.220	.075	.027	-.605
320	1403	-.194	.049	-.045	-.415
320	1404	-.194	.060	.002	-.516
320	1405	-.199	.064	.010	-.532
320	1406	-.213	.047	.064	-.456
320	1407	-.215	.040	-.085	-.389
320	1408	-.183	.045	-.056	-.352
320	1409	-.226	.062	-.048	-.508
320	1410	-.213	.077	.012	-.555
320	1411	-.207	.043	-.076	-.414
320	1412	-.227	.040	-.106	-.391
320	1413	-.183	.041	-.019	-.337
320	1414	-.193	.062	.034	-.559
320	1415	-.209	.079	.053	-.721
320	1416	-.220	.045	-.102	-.429
320	1417	-.233	.041	-.112	-.435
320	1418	-.191	.037	-.057	-.352
320	1419	-.208	.056	.004	-.484
320	1420	-.216	.067	.006	-.598
320	1421	-.251	.044	-.138	-.498
320	1422	-.232	.039	-.130	-.437
320	1423	-.198	.041	-.069	-.357
320	1424	-.213	.061	-.041	-.586
320	1425	-.215	.071	-.012	-.618
320	1426	-.213	.043	-.049	-.409
320	1427	-.193	.039	-.070	-.366
320	1428	-.183	.039	-.076	-.355
320	1429	-.237	.051	-.092	-.559
320	1430	-.188	.052	-.034	-.630
320	1431	-.160	.061	.051	-.419
320	1432	-.157	.056	.006	-.442
320	1433	-.253	.050	-.138	-.513
320	1434	-.203	.052	-.039	-.635
320	1435	-.168	.063	-.019	-.546
320	1436	-.119	.035	.026	-.251
320	1437	-.244	.048	-.092	-.469
320	1438	-.188	.044	-.046	-.396
320	1439	-.174	.045	-.027	-.643
320	1440	-.079	.045	.096	-.268
320	1441	-.128	.039	.020	-.277
320	1442	-.178	.049	-.052	-.423
320	1443	-.178	.048	-.031	-.566
320	1444	-.165	.047	-.013	-.549
320	1445	-.070	.037	.130	-.248
320	1446	-.086	.035	.043	-.209
320	1447	-.065	.029	.040	-.164
320	1448	-.206	.055	-.014	-.498
320	1449	-.160	.049	-.024	-.462
320	1450	-.066	.040	.067	-.284
320	1451	-.061	.040	.067	-.275
320	1452	-.107	.040	.047	-.272
320	1453	-.062	.035	.071	-.209
320	1454	-.057	.025	.036	-.144
320	1455	-.085	.037	.038	-.304
320	1456	-.179	.059	-.012	-.471
320	1901	.074	.059	.371	-.069
320	1902	-.078	.034	.066	-.238
320	1903	-.070	.025	.028	-.143
320	1904	-.086	.027	.026	-.171
320	1905	-.297	.098	-.016	-.797
320	1906	-.335	.120	-.007	-.925
320	2101	-.210	.099	.172	-1.272
320	2102	-.207	.100	.143	-1.051
320	2103	-.206	.110	.191	-.949
320	2104	-.152	.104	.208	-.863
320	2105	-.140	.100	.108	-.849
320	2106	-.226	.062	-.038	-.597
320	2107	-.257	.065	-.056	-.603
320	2108	-.198	.064	.031	-.477
320	2109	-.120	.046	.054	-.297
320	2110	-.118	.049	.050	-.313

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	2111	-.141	.107	.199	-.514
320	2112	-.108	.087	.205	-.441
320	2113	-.064	.042	.118	-.220
320	2114	-.064	.033	.073	-.177
320	2115	-.106	.034	.011	-.236
320	2116	-.070	.041	.137	-.227
320	2117	-.060	.034	.128	-.174
320	2118	-.051	.030	.058	-.146
320	2119	-.080	.041	.138	-.267
320	2120	-.069	.056	.195	-.331
320	2121	-.094	.038	.081	-.301
320	2201	-.147	.074	.069	-.652
320	2202	-.141	.068	.078	-.560
320	2203	-.148	.064	.065	-.413
320	2204	-.132	.039	.002	-.307
320	2205	-.120	.036	.008	-.308
320	2206	-.125	.042	.009	-.325
320	2207	-.271	.138	.073	-.831
320	2208	-.108	.040	.007	-.333
320	2209	-.095	.055	.067	-.532
320	2210	-.103	.043	.023	-.320
320	2211	-.085	.028	.006	-.173
320	2212	-.088	.026	.004	-.185
320	2301	-.092	.068	.134	-.377
320	2302	-.079	.084	.267	-.690
320	2303	-.191	.081	.117	-.585
320	2304	-.181	.075	.075	-.553
320	2305	-.182	.086	.113	-.726
320	2306	-.190	.078	.166	-.607
320	2307	-.235	.074	.186	-.671
320	2308	-.112	.047	.070	-.318
320	2309	-.101	.050	.131	-.333
320	2310	-.126	.044	.076	-.406
320	2311	-.174	.048	.021	-.483
320	2312	-.169	.050	.036	-.451
320	2313	-.192	.042	-.025	-.418
320	2314	-.198	.042	-.058	-.520
320	2315	-.064	.039	.114	-.243
320	2316	-.043	.041	.154	-.178
320	2317	-.068	.049	.176	-.248
320	2318	-.134	.052	.107	-.350
320	2319	-.101	.050	.095	-.338
320	2320	-.173	.045	.014	-.404
320	2321	-.175	.046	-.042	-.406
320	2322	-.127	.027	-.009	-.216
320	2323	-.082	.025	.022	-.165
320	2324	-.083	.025	.017	-.169
320	2325	-.079	.026	.021	-.181
320	2326	-.139	.033	-.019	-.301
320	2327	-.075	.028	.049	-.229
320	2401	-.236	.074	.004	-.638
320	2402	-.233	.072	.095	-.588
320	2403	-.233	.080	.172	-.696
320	2404	-.232	.082	.120	-.718
320	2405	-.232	.047	-.113	-.532
320	2406	-.234	.045	-.114	-.446
320	2407	-.244	.055	-.103	-.641
320	2408	-.240	.058	-.087	-.760
320	2409	-.171	.052	-.041	-.571
320	2410	-.157	.048	-.038	-.474
320	2411	-.255	.102	.093	-.697
320	2412	-.214	.140	.231	-.900
320	2413	-.055	.030	.113	-.183
320	2414	-.051	.030	.076	-.181
320	2415	-.109	.042	.149	-.323
320	2416	-.061	.044	.165	-.326
330	1101	-.185	.054	.001	-.483
330	1102	-.175	.059	-.006	-.443
330	1103	-.188	.064	-.005	-.500
330	1104	-.199	.067	.001	-.539
330	1105	-.175	.050	-.026	-.441
330	1106	-.186	.054	-.006	-.466
330	1107	-.199	.058	-.034	-.504
330	1108	-.181	.040	-.010	-.336
330	1109	-.190	.045	-.055	-.394
330	1110	-.215	.047	-.089	-.433
330	1111	-.183	.042	-.073	-.388
330	1112	-.182	.042	-.074	-.397
330	1113	-.209	.041	-.102	-.364
330	1114	-.199	.044	-.093	-.410
330	1115	-.205	.046	-.085	-.416
330	1116	-.212	.048	-.089	-.488
330	1117	-.190	.046	-.072	-.424
330	1118	-.185	.043	-.061	-.362
330	1119	-.196	.051	-.051	-.451
330	1120	-.203	.050	-.069	-.474
330	1121	-.209	.048	-.071	-.489
330	1122	-.205	.047	-.084	-.444
330	1123	-.230	.047	-.119	-.465
330	1124	-.216	.050	-.100	-.478
330	1125	-.222	.056	-.061	-.511
330	1126	-.227	.058	-.057	-.509
330	1127	-.202	.053	-.059	-.504
330	1128	-.251	.064	-.022	-.583
330	1129	-.232	.058	-.071	-.555
330	1130	-.216	.052	-.070	-.490
330	1131	-.202	.048	-.071	-.455
330	1132	-.204	.052	-.071	-.521
330	1133	-.222	.058	-.087	-.563
330	1134	-.221	.058	-.055	-.553
330	1135	-.232	.062	-.043	-.507
330	1136	-.273	.079	-.064	-.802
330	1137	-.260	.073	-.066	-.732
330	1138	-.226	.059	-.078	-.546
330	1139	-.181	.045	-.031	-.464
330	1140	-.183	.045	-.030	-.430
330	1141	-.273	.076	-.087	-.677
330	1142	-.286	.078	-.096	-.740
330	1143	-.283	.083	-.067	-.963
330	1144	-.272	.083	-.032	-.905
330	1145	-.229	.075	-.067	-.741
330	1146	-.159	.054	.005	-.475
330	1147	-.123	.043	.038	-.331
330	1148	-.092	.037	.059	-.274
330	1149	-.296	.094	-.048	-.930
330	1150	-.274	.103	-.028	-.951
330	1151	-.227	.090	-.019	-.799
330	1152	-.173	.049	-.046	-.513
330	1153	-.110	.034	-.018	-.368
330	1154	-.125	.036	-.022	-.374
330	1155	-.114	.032	-.015	-.275
330	1156	-.120	.030	-.007	-.283
330	1157	-.197	.068	-.015	-.656
330	1158	-.183	.069	-.020	-.731
330	1159	-.156	.056	-.018	-.973
330	1160	-.130	.044	-.032	-.515
330	1161	-.179	.063	-.059	-.823
330	1162	-.135	.041	-.018	-.435
330	1163	-.125	.032	-.029	-.297
330	1164	-.102	.026	-.017	-.243
330	1165	-.110	.029	-.013	-.217
330	1166	-.085	.027	.015	-.162
330	1167	-.083	.028	.044	-.164
330	1168	-.128	.041	-.024	-.437
330	1169	-.107	.031	-.003	-.319
330	1170	-.095	.025	-.002	-.194
330	1171	-.100	.023	-.021	-.185
330	1172	-.090	.023	-.008	-.167
330	1201	.184	.203	.981	-.372
330	1202	.188	.182	.904	-.217
330	1203	.165	.161	.888	-.333
330	1204	.123	.139	.624	-.272
330	1205	.008	.096	.500	-.238
330	1206	-.015	.097	.415	-.321
330	1207	.186	.194	.997	-.467
330	1208	.191	.172	1.020	-.234
330	1209	.224	.166	.877	-.188
330	1210	.162	.139	.683	-.220
330	1211	.053	.108	.514	-.265
330	1212	-.029	.080	.335	-.328

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	1213	.109	.160	.850	-.224
330	1214	.210	.160	1.062	-.229
330	1215	.190	.139	.955	-.146
330	1216	.133	.114	.811	-.174
330	1217	.022	.088	.437	-.202
330	1218	-.061	.069	.277	-.272
330	1219	.101	.163	.894	-.292
330	1220	.109	.135	1.005	-.170
330	1221	-.015	.062	.307	-.202
330	1222	-.083	.063	.221	-.295
330	1223	.093	.149	.888	-.260
330	1224	.168	.148	.919	-.127
330	1225	.171	.127	.804	-.090
330	1226	.125	.104	.596	-.118
330	1227	-.009	.066	.390	-.248
330	1228	-.079	.059	.243	-.263
330	1229	.032	.137	.842	-.393
330	1230	.116	.113	.787	-.254
330	1231	.071	.082	.456	-.179
330	1232	.081	.085	.497	-.231
330	1233	-.015	.075	.421	-.268
330	1234	-.096	.065	.259	-.350
330	1235	.017	.129	.631	-.483
330	1236	.067	.118	.645	-.471
330	1237	.063	.098	.623	-.489
330	1238	.044	.095	.545	-.546
330	1239	-.023	.076	.304	-.502
330	1240	-.092	.074	.212	-.408
330	1241	-.031	.070	.555	-.247
330	1242	.032	.079	.499	-.220
330	1243	.031	.053	.243	-.180
330	1244	.051	.066	.420	-.183
330	1245	-.029	.063	.296	-.228
330	1246	-.099	.067	.160	-.447
330	1247	-.052	.047	.285	-.211
330	1248	-.015	.055	.272	-.219
330	1249	-.002	.049	.284	-.214
330	1250	.013	.053	.293	-.183
330	1251	-.041	.055	.198	-.319
330	1252	-.118	.062	.151	-.459
330	1253	-.065	.039	.120	-.214
330	1254	-.069	.031	.054	-.238
330	1255	-.058	.032	.106	-.233
330	1256	-.061	.028	.036	-.205
330	1257	-.060	.025	.012	-.197
330	1258	-.043	.027	.082	-.204
330	1259	-.036	.031	.106	-.195
330	1260	-.064	.037	.082	-.278
330	1261	-.112	.049	.052	-.396
330	1262	-.074	.034	.060	-.315
330	1263	-.065	.027	.030	-.320
330	1264	-.062	.026	.034	-.276
330	1265	-.072	.023	.005	-.223
330	1266	-.058	.023	.032	-.166
330	1267	-.044	.024	.046	-.145
330	1268	-.029	.026	.068	-.157
330	1269	-.028	.024	.062	-.128
330	1270	-.064	.024	.023	-.155
330	1271	-.086	.027	.006	-.212
330	1272	-.063	.022	.041	-.147
330	1273	-.039	.024	.060	-.111
330	1274	-.021	.028	.115	-.093
330	1275	.007	.034	.161	-.097
330	1276	-.000	.033	.130	-.138
330	1277	-.039	.024	.058	-.145
330	1278	-.047	.024	.049	-.140
330	1279	.008	.037	.182	-.087
330	1280	-.004	.037	.192	-.103
330	1281	-.030	.028	.103	-.130
330	1301	-.090	.073	.190	-.533
330	1302	-.106	.176	.440	-1.003
330	1303	-.190	.244	.559	-1.304
330	1304	-.122	.052	.094	-.426
330	1305	-.094	.066	.170	-.447
330	1306	-.139	.219	.465	-1.352
330	1307	-.200	.233	.586	-1.490
330	1308	-.159	.059	.013	-.743
330	1309	-.125	.078	.179	-.585
330	1310	-.255	.222	.501	-1.214
330	1311	-.221	.191	.579	-1.200
330	1312	-.185	.157	.390	-1.134
330	1313	-.221	.152	.439	-.987
330	1314	-.135	.044	.017	-.457
330	1315	-.121	.060	.126	-.538
330	1316	-.150	.137	.313	-.695
330	1317	-.210	.156	.515	-.763
330	1318	-.123	.116	.224	-.918
330	1319	-.222	.200	.502	-1.206
330	1320	-.126	.037	.035	-.359
330	1321	-.109	.044	.147	-.379
330	1322	-.105	.076	.240	-.562
330	1323	-.214	.157	.372	-1.175
330	1324	-.143	.038	.026	-.349
330	1325	-.114	.040	.067	-.432
330	1326	-.126	.072	.185	-.551
330	1327	-.203	.107	.219	-.717
330	1328	-.226	.106	.250	-.864
330	1329	-.125	.035	.004	-.393
330	1330	-.117	.035	.016	-.368
330	1331	-.133	.058	.019	-.516
330	1332	-.189	.067	.077	-.511
330	1333	-.185	.066	.104	-.602
330	1334	-.119	.031	-.025	-.344
330	1335	-.108	.028	-.007	-.238
330	1336	-.094	.041	.078	-.303
330	1337	-.119	.075	.088	-.644
330	1338	-.139	.080	.162	-.679
330	1339	-.105	.027	-.014	-.212
330	1340	-.095	.027	-.004	-.247
330	1341	-.085	.035	.050	-.284
330	1342	-.099	.050	.041	-.402
330	1343	-.110	.065	.091	-.497
330	1344	-.105	.028	-.006	-.296
330	1345	-.091	.027	-.005	-.297
330	1346	-.094	.032	-.001	-.293
330	1347	-.109	.042	.045	-.325
330	1348	-.151	.063	.031	-.474
330	1349	-.086	.023	-.007	-.178
330	1350	-.077	.023	.009	-.164
330	1351	-.079	.024	.019	-.164
330	1353	-.104	.032	-.005	-.268
330	1354	-.078	.022	-.001	-.171
330	1355	-.068	.022	.033	-.138
330	1356	-.073	.023	.016	-.148
330	1357	-.085	.023	.004	-.207
330	1358	-.093	.029	-.008	-.335
330	1359	-.061	.024	.037	-.140
330	1360	-.066	.023	.020	-.144
330	1361	-.081	.023	.012	-.161
330	1362	-.108	.037	-.008	-.364
330	1401	-.199	.063	.035	-.526
330	1402	-.195	.064	.011	-.615
330	1403	-.165	.039	-.035	-.324
330	1404	-.171	.050	-.032	-.379
330	1405	-.161	.049	-.012	-.411
330	1406	-.179	.042	-.055	-.344
330	1407	-.181	.040	-.064	-.363
330	1408	-.167	.044	-.041	-.383
330	1409	-.190	.046	-.035	-.417
330	1410	-.170	.050	.015	-.492
330	1411	-.188	.041	-.079	-.361
330	1412	-.198	.039	-.096	-.368
330	1413	-.157	.038	-.039	-.374
330	1414	-.163	.044	-.014	-.524
330	1415	-.162	.048	-.022	-.544
330	1416	-.193	.039	-.084	-.359
330	1417	-.197	.037	-.086	-.350
330	1418	-.140	.034	-.027	-.294
330	1419	-.145	.039	-.045	-.405
330	1420	-.150	.041	-.030	-.434

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	1421	-.191	.040	-.085	-.441
330	1422	-.169	.035	-.068	-.340
330	1423	-.138	.034	-.034	-.304
330	1424	-.138	.040	-.019	-.467
330	1425	-.142	.041	-.019	-.437
330	1426	-.156	.037	-.039	-.320
330	1427	-.150	.034	-.045	-.293
330	1428	-.146	.033	-.062	-.298
330	1429	-.145	.040	-.028	-.374
330	1430	-.144	.041	-.022	-.426
330	1431	-.110	.039	.069	-.374
330	1432	-.113	.034	.028	-.347
330	1433	-.158	.054	-.058	-.533
330	1434	-.153	.053	-.049	-.642
330	1435	-.100	.032	-.010	-.259
330	1436	-.100	.029	-.020	-.267
330	1437	-.149	.049	-.054	-.554
330	1438	-.147	.046	-.054	-.491
330	1439	-.142	.051	-.021	-1.061
330	1440	-.090	.038	.069	-.276
330	1441	-.084	.030	.018	-.245
330	1442	-.134	.037	-.042	-.435
330	1443	-.135	.044	-.024	-.654
330	1444	-.135	.044	-.023	-.743
330	1445	-.087	.030	.012	-.385
330	1446	-.094	.026	-.009	-.206
330	1447	-.076	.022	.030	-.146
330	1448	-.116	.035	-.028	-.374
330	1449	-.118	.034	-.032	-.371
330	1450	-.087	.031	.014	-.255
330	1451	-.088	.031	.023	-.223
330	1452	-.086	.028	.013	-.215
330	1453	-.081	.026	.018	-.193
330	1454	-.066	.021	.012	-.136
330	1455	-.084	.027	.001	-.223
330	1456	-.100	.032	-.010	-.344
330	1901	-.009	.036	.272	-.106
330	1902	-.093	.024	-.007	-.171
330	1903	-.082	.021	.010	-.149
330	1904	-.083	.023	.006	-.192
330	1905	-.241	.087	.072	-.751
330	1906	-.295	.115	.050	-.945
330	2101	-.178	.074	.094	-.571
330	2102	-.178	.078	.092	-.565
330	2103	-.171	.073	.048	-.655
330	2104	-.114	.073	.117	-.533
330	2105	-.121	.079	.063	-.592
330	2106	-.216	.060	-.041	-.596
330	2107	-.235	.058	-.063	-.680
330	2108	-.169	.052	.018	-.452
330	2109	-.116	.036	.012	-.275
330	2110	-.115	.039	.047	-.292
330	2111	-.104	.059	.099	-.394
330	2112	-.086	.049	.067	-.315
330	2113	-.083	.034	.051	-.251
330	2114	-.082	.029	.025	-.188
330	2115	-.111	.024	-.045	-.218
330	2116	-.086	.034	.039	-.223
330	2117	-.087	.031	.051	-.190
330	2118	-.078	.028	.016	-.160
330	2119	-.104	.019	-.001	-.163
330	2120	-.089	.032	.070	-.211
330	2121	-.085	.028	.018	-.213
330	2201	-.108	.060	.036	-.608
330	2202	-.105	.054	.028	-.533
330	2203	-.112	.048	.024	-.359
330	2204	-.113	.038	-.000	-.444
330	2205	-.106	.035	-.015	-.280
330	2206	-.111	.045	.002	-.467
330	2207	-.090	.071	.235	-.424
330	2208	-.094	.032	-.016	-.270
330	2209	-.096	.032	.002	-.288
330	2210	-.085	.028	.014	-.306
330	2211	-.095	.024	-.013	-.182
330	2212	-.095	.020	-.025	-.206
330	2301	-.057	.060	.211	-.338
330	2302	-.026	.075	.314	-.319
330	2303	-.133	.086	.196	-.560
330	2304	-.133	.082	.209	-.511
330	2305	-.168	.109	.164	-.831
330	2306	-.115	.082	.338	-.515
330	2307	-.149	.082	.300	-.479
330	2308	-.090	.045	.084	-.348
330	2309	-.072	.053	.206	-.275
330	2310	-.093	.049	.132	-.257
330	2311	-.131	.051	.075	-.327
330	2312	-.124	.052	.134	-.320
330	2313	-.167	.041	-.024	-.362
330	2314	-.171	.041	-.039	-.349
330	2315	-.075	.030	.074	-.188
330	2316	-.057	.035	.147	-.178
330	2317	-.064	.042	.192	-.238
330	2318	-.072	.041	.182	-.287
330	2319	-.082	.040	.170	-.294
330	2320	-.124	.035	.014	-.378
330	2321	-.131	.036	-.004	-.378
330	2322	-.089	.022	-.007	-.153
330	2323	-.088	.021	-.006	-.150
330	2324	-.080	.023	.033	-.178
330	2325	-.084	.024	.011	-.180
330	2326	-.082	.023	.023	-.169
330	2327	-.073	.019	.023	-.135
330	2401	-.166	.063	.078	-.515
330	2402	-.166	.061	.122	-.436
330	2403	-.184	.070	.138	-.530
330	2404	-.176	.068	.169	-.542
330	2405	-.188	.051	-.059	-.450
330	2406	-.187	.048	-.057	-.457
330	2407	-.227	.060	-.098	-.614
330	2408	-.221	.062	-.085	-.666
330	2409	-.128	.038	-.029	-.440
330	2410	-.125	.036	-.013	-.450
330	2411	-.121	.069	.085	-.416
330	2412	-.103	.086	.196	-.596
330	2413	-.071	.026	.017	-.221
330	2414	-.076	.026	.009	-.204
330	2415	-.083	.030	.073	-.238
330	2416	-.083	.030	.102	-.253
340	1101	-.175	.061	.008	-.453
340	1102	-.172	.059	.031	-.448
340	1103	-.182	.060	.014	-.481
340	1104	-.194	.062	.013	-.506
340	1105	-.171	.052	-.007	-.425
340	1106	-.187	.059	-.031	-.478
340	1107	-.194	.058	.003	-.598
340	1108	-.173	.042	-.049	-.371
340	1109	-.184	.047	-.037	-.552
340	1110	-.216	.050	-.060	-.568
340	1111	-.164	.035	-.036	-.306
340	1112	-.161	.036	-.035	-.301
340	1113	-.199	.037	-.085	-.354
340	1114	-.181	.039	-.080	-.344
340	1115	-.185	.041	-.078	-.436
340	1116	-.193	.037	-.076	-.350
340	1117	-.165	.036	-.046	-.338
340	1118	-.169	.036	-.063	-.331
340	1119	-.171	.040	-.039	-.360
340	1120	-.171	.038	-.077	-.334
340	1121	-.182	.036	-.084	-.355
340	1122	-.179	.036	-.075	-.328
340	1123	-.218	.041	-.107	-.400
340	1124	-.195	.041	-.089	-.358
340	1125	-.180	.040	-.078	-.357
340	1126	-.183	.041	-.072	-.366
340	1127	-.173	.039	-.079	-.391
340	1128	-.219	.049	-.102	-.526
340	1129	-.197	.042	-.097	-.425
340	1130	-.185	.038	-.079	-.354
340	1131	-.187	.043	-.086	-.430
340	1132	-.195	.047	-.079	-.485

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	1133	-.177	.042	-.065	-.405
340	1134	-.178	.040	-.081	-.382
340	1135	-.183	.043	-.079	-.386
340	1136	-.214	.054	-.100	-.533
340	1137	-.203	.051	-.095	-.474
340	1138	-.188	.043	-.090	-.409
340	1139	-.179	.040	-.079	-.381
340	1140	-.194	.044	-.093	-.436
340	1141	-.200	.052	-.071	-.483
340	1142	-.211	.055	-.092	-.511
340	1143	-.211	.058	-.092	-.527
340	1144	-.258	.087	-.072	-.812
340	1145	-.240	.081	-.080	-.636
340	1146	-.205	.057	-.064	-.467
340	1147	-.183	.050	-.049	-.403
340	1148	-.156	.052	-.014	-.375
340	1149	-.277	.091	-.064	-.868
340	1150	-.269	.093	-.028	-1.122
340	1151	-.260	.093	-.050	-.897
340	1152	-.199	.063	-.081	-.828
340	1153	-.158	.051	-.047	-.461
340	1154	-.162	.049	-.055	-.410
340	1155	-.139	.036	-.034	-.353
340	1156	-.141	.034	-.000	-.311
340	1157	-.209	.071	-.030	-.592
340	1158	-.200	.066	-.055	-.795
340	1159	-.186	.059	-.060	-.657
340	1160	-.177	.070	-.014	-.718
340	1161	-.206	.073	-.037	-.797
340	1162	-.161	.047	-.041	-.490
340	1163	-.148	.036	-.039	-.305
340	1164	-.136	.035	-.034	-.336
340	1165	-.141	.037	-.051	-.356
340	1166	-.112	.029	-.001	-.243
340	1167	-.108	.030	-.011	-.220
340	1168	-.171	.063	-.004	-.532
340	1169	-.137	.039	-.011	-.402
340	1170	-.115	.031	-.002	-.259
340	1171	-.112	.025	.040	-.239
340	1172	-.101	.027	.021	-.253
340	1201	.155	.171	.864	-.332
340	1202	.148	.156	.816	-.275
340	1203	.108	.145	.709	-.219
340	1204	.062	.116	.771	-.214
340	1205	.006	.094	.379	-.302
340	1206	-.052	.074	.269	-.302
340	1207	.164	.166	.899	-.532
340	1208	.235	.179	.977	-.235
340	1209	.146	.147	.902	-.207
340	1210	.094	.118	.686	-.179
340	1211	.008	.093	.476	-.209
340	1212	-.057	.066	.302	-.269
340	1213	.144	.134	.788	-.507
340	1214	.174	.140	.902	-.542
340	1215	.153	.137	.776	-.161
340	1216	.089	.107	.605	-.170
340	1217	-.020	.065	.373	-.207
340	1218	-.079	.047	.172	-.252
340	1219	.121	.134	.955	-.322
340	1220	.182	.147	.887	-.392
340	1221	-.022	.059	.334	-.255
340	1222	-.096	.043	.161	-.262
340	1223	.121	.126	.764	-.268
340	1224	.165	.135	.830	-.255
340	1225	.137	.122	.900	-.113
340	1226	.079	.095	.584	-.153
340	1227	-.017	.061	.450	-.189
340	1228	-.095	.043	.117	-.217
340	1229	.077	.123	.792	-.276
340	1230	.113	.117	.766	-.163
340	1231	.060	.092	.626	-.196
340	1232	.042	.085	.470	-.202
340	1233	-.049	.062	.282	-.262
340	1234	-.114	.046	.138	-.323
340	1235	.055	.103	.565	-.282
340	1236	.075	.103	.631	-.252
340	1237	.040	.090	.560	-.251
340	1238	.005	.078	.369	-.309
340	1239	-.054	.062	.224	-.341
340	1240	-.104	.051	.141	-.359
340	1241	-.002	.070	.439	-.338
340	1242	.023	.075	.442	-.203
340	1243	.002	.058	.378	-.197
340	1244	.002	.057	.319	-.183
340	1245	-.059	.043	.263	-.203
340	1246	-.117	.041	.041	-.262
340	1247	-.040	.046	.343	-.290
340	1248	-.019	.052	.354	-.200
340	1249	-.039	.044	.340	-.246
340	1250	-.034	.043	.298	-.212
340	1251	-.070	.038	.141	-.231
340	1252	-.129	.046	.057	-.366
340	1253	-.051	.038	.163	-.221
340	1254	-.074	.032	.069	-.218
340	1255	.053	.036	.093	-.267
340	1256	-.064	.030	.036	-.202
340	1257	-.068	.028	.025	-.211
340	1258	-.062	.027	.056	-.223
340	1259	-.061	.029	.066	-.175
340	1260	-.090	.036	.039	-.284
340	1261	-.130	.053	.054	-.458
340	1262	-.057	.032	.156	-.204
340	1263	-.063	.028	.071	-.204
340	1264	-.071	.028	.025	-.212
340	1265	-.071	.023	.017	-.187
340	1266	-.064	.022	.011	-.144
340	1267	-.057	.024	.027	-.149
340	1268	-.044	.029	.099	-.191
340	1269	-.041	.028	.109	-.250
340	1270	-.080	.027	.013	-.201
340	1271	-.108	.032	-.006	-.342
340	1272	-.068	.021	-.001	-.144
340	1273	-.052	.024	.049	-.134
340	1274	-.037	.028	.102	-.120
340	1275	-.012	.038	.218	-.120
340	1276	-.015	.037	.259	-.124
340	1277	-.055	.024	.058	-.134
340	1278	-.066	.024	.054	-.190
340	1279	.005	.046	.226	-.105
340	1280	-.000	.046	.230	-.153
340	1281	-.034	.031	.112	-.116
340	1301	-.079	.072	.325	-.321
340	1302	-.047	.139	.478	-.719
340	1303	-.114	.219	.571	-1.162
340	1304	-.123	.052	.122	-.311
340	1305	-.079	.056	.239	-.274
340	1306	-.056	.164	.426	-.950
340	1307	-.129	.206	.525	-1.014
340	1308	-.130	.047	.125	-.519
340	1309	-.084	.053	.163	-.398
340	1310	-.120	.168	.388	-.951
340	1311	-.152	.194	.516	-1.207
340	1312	-.109	.149	.325	-.913
340	1313	-.164	.157	.557	-.991
340	1314	-.113	.042	.168	-.315
340	1315	-.085	.051	.280	-.364
340	1316	-.077	.123	.350	-.889
340	1317	-.169	.172	.365	-.866
340	1318	-.048	.065	.322	-.512
340	1319	-.108	.169	.510	-1.044
340	1320	-.112	.037	.043	-.277
340	1321	-.081	.042	.094	-.234
340	1322	-.046	.056	.185	-.434
340	1323	-.133	.181	.385	-1.027
340	1324	-.137	.035	.036	-.348
340	1325	-.093	.033	.063	-.219
340	1326	-.077	.040	.144	-.316
340	1327	-.128	.099	.220	-.797
340	1328	-.165	.112	.207	-.925
340	1329	-.113	.031	-.005	-.259

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	1330	-.099	.028	-.001	-.234
340	1331	-.078	.033	.069	-.307
340	1332	-.136	.065	.046	-.527
340	1333	-.140	.073	.074	-.639
340	1334	-.106	.029	.030	-.261
340	1335	-.092	.027	.020	-.204
340	1336	-.066	.029	.112	-.178
340	1337	-.065	.038	.107	-.356
340	1338	-.072	.048	.060	-.598
340	1339	-.099	.025	.036	-.226
340	1340	-.089	.025	.025	-.196
340	1341	-.070	.025	.023	-.164
340	1342	-.073	.031	.184	-.210
340	1343	-.069	.036	.189	-.255
340	1344	-.106	.030	-.027	-.368
340	1345	-.094	.028	-.010	-.240
340	1346	-.087	.029	.004	-.213
340	1347	-.077	.029	.020	-.206
340	1348	-.108	.036	.020	-.410
340	1349	-.076	.023	.016	-.178
340	1350	-.073	.023	.018	-.152
340	1351	-.070	.023	.002	-.159
340	1353	-.076	.025	.002	-.243
340	1354	-.073	.023	.018	-.147
340	1355	-.065	.022	.021	-.128
340	1356	-.068	.023	.030	-.143
340	1357	-.078	.022	-.003	-.170
340	1358	-.076	.023	.014	-.159
340	1359	-.057	.023	.032	-.140
340	1360	-.064	.023	.013	-.135
340	1361	-.074	.022	.007	-.153
340	1362	-.078	.031	.011	-.297
340	1401	-.204	.069	.051	-.746
340	1402	-.201	.071	.056	-.762
340	1403	-.181	.048	-.057	-.422
340	1404	-.190	.056	-.003	-.443
340	1405	-.181	.056	-.017	-.449
340	1406	-.182	.048	-.028	-.524
340	1407	-.176	.048	.018	-.422
340	1408	-.164	.054	.026	-.409
340	1409	-.195	.053	-.043	-.422
340	1410	-.164	.053	-.005	-.410
340	1411	-.175	.039	-.064	-.385
340	1412	-.191	.040	-.063	-.385
340	1413	-.144	.043	.008	-.331
340	1414	-.149	.042	-.000	-.462
340	1415	-.142	.044	.013	-.482
340	1416	-.172	.037	-.069	-.373
340	1417	-.186	.037	-.058	-.345
340	1418	-.132	.036	.038	-.343
340	1419	-.136	.036	-.012	-.304
340	1420	-.144	.036	-.026	-.337
340	1421	-.186	.038	-.091	-.362
340	1422	-.158	.033	-.065	-.321
340	1423	-.129	.035	-.001	-.299
340	1424	-.131	.036	-.033	-.321
340	1425	-.141	.035	-.035	-.324
340	1426	-.175	.042	-.066	-.392
340	1427	-.152	.034	-.057	-.276
340	1428	-.131	.037	-.001	-.290
340	1429	-.134	.037	-.014	-.303
340	1430	-.131	.036	-.010	-.291
340	1431	-.162	.048	-.036	-.414
340	1432	-.144	.038	-.037	-.317
340	1433	-.156	.058	-.033	-.783
340	1434	-.152	.054	-.025	-.632
340	1435	-.095	.031	.071	-.342
340	1436	-.106	.031	.052	-.293
340	1437	-.160	.063	-.007	-.900
340	1438	-.160	.059	-.015	-.802
340	1439	-.152	.054	-.045	-.518
340	1440	-.153	.046	.013	-.329
340	1441	-.127	.034	-.010	-.266
340	1442	-.131	.042	-.004	-.409
340	1443	-.140	.049	.026	-.580
340	1444	-.140	.051	-.025	-.572
340	1445	-.128	.033	-.017	-.333
340	1446	-.117	.028	-.016	-.255
340	1447	-.078	.025	.016	-.163
340	1448	-.098	.029	.004	-.273
340	1449	-.100	.028	.014	-.270
340	1450	-.123	.035	-.024	-.319
340	1451	-.123	.035	-.011	-.293
340	1452	-.121	.032	-.028	-.266
340	1453	-.110	.028	-.022	-.246
340	1454	-.061	.025	.048	-.124
340	1455	-.075	.027	.018	-.194
340	1456	-.084	.028	.002	-.333
340	1901	-.022	.037	.214	-.119
340	1902	-.115	.035	.022	-.378
340	1903	-.074	.023	.029	-.146
340	1904	-.062	.024	.043	-.153
340	1905	-.240	.095	.153	-.704
340	1906	-.300	.127	.150	-.871
340	2101	-.158	.069	.071	-.581
340	2102	-.154	.074	.130	-.622
340	2103	-.162	.060	.054	-.522
340	2104	-.121	.062	.075	-.616
340	2105	-.134	.074	.051	-.679
340	2106	-.179	.038	-.064	-.376
340	2107	-.210	.037	-.098	-.442
340	2108	-.169	.034	-.073	-.322
340	2109	-.137	.032	-.018	-.293
340	2110	-.134	.035	-.028	-.321
340	2111	-.194	.057	.035	-.431
340	2112	-.161	.053	.012	-.374
340	2113	-.122	.031	-.018	-.264
340	2114	-.104	.028	-.019	-.222
340	2115	-.138	.025	-.063	-.237
340	2116	-.114	.036	.035	-.275
340	2117	-.115	.030	-.005	-.239
340	2118	-.105	.026	-.026	-.249
340	2119	-.135	.020	-.080	-.204
340	2120	-.115	.033	-.032	-.304
340	2121	-.105	.028	-.017	-.244
340	2201	-.119	.051	.015	-.492
340	2202	-.116	.048	.014	-.437
340	2203	-.128	.047	.024	-.362
340	2204	-.130	.037	-.032	-.372
340	2205	-.129	.039	-.031	-.398
340	2206	-.125	.046	-.007	-.469
340	2207	-.057	.052	.181	-.585
340	2208	-.119	.032	-.042	-.298
340	2209	-.118	.034	-.002	-.314
340	2210	-.105	.031	-.021	-.376
340	2211	-.112	.030	-.032	-.401
340	2212	-.110	.023	-.027	-.199
340	2301	-.058	.058	.241	-.268
340	2302	-.015	.074	.392	-.236
340	2303	-.088	.082	.240	-.610
340	2304	-.088	.080	.214	-.479
340	2305	-.129	.106	.158	-1.018
340	2306	-.069	.090	.415	-.376
340	2307	-.115	.092	.273	-.504
340	2308	-.087	.045	.145	-.311
340	2309	-.057	.057	.299	-.259
340	2310	-.043	.067	.315	-.373
340	2311	-.090	.071	.222	-.584
340	2312	-.080	.072	.232	-.515
340	2313	-.152	.045	.107	-.362
340	2314	-.164	.041	-.010	-.398
340	2315	-.092	.030	.030	-.205
340	2316	-.071	.033	.074	-.166
340	2317	-.035	.043	.199	-.167
340	2318	-.042	.041	.177	-.206
340	2319	-.052	.041	.167	-.210
340	2320	-.115	.040	.048	-.373
340	2321	-.136	.042	.006	-.341
340	2322	-.103	.023	-.026	-.197
340	2323	-.102	.023	-.027	-.176

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	2324	-.055	.031	.074	-.145
340	2325	-.058	.030	.059	-.148
340	2326	-.077	.025	.006	-.206
340	2327	-.084	.020	.018	-.162
340	2401	-.159	.074	.088	-.597
340	2402	-.151	.066	.125	-.476
340	2403	-.185	.072	.149	-.503
340	2404	-.167	.067	.104	-.486
340	2405	-.177	.044	-.061	-.380
340	2406	-.176	.043	-.065	-.397
340	2407	-.181	.034	-.091	-.391
340	2408	-.169	.034	-.076	-.379
340	2409	-.188	.057	-.040	-.509
340	2410	-.185	.056	-.040	-.452
340	2411	-.162	.046	-.012	-.388
340	2412	-.167	.055	.071	-.673
340	2413	-.114	.034	-.012	-.266
340	2414	-.113	.033	-.013	-.249
340	2415	-.108	.034	.050	-.319
340	2416	-.105	.036	.071	-.303
350	1101	-.210	.054	-.059	-.445
350	1102	-.209	.052	-.063	-.447
350	1103	-.223	.066	-.056	-.698
350	1104	-.252	.074	-.069	-.791
350	1105	-.212	.050	-.070	-.457
350	1106	-.231	.067	-.075	-.813
350	1107	-.236	.071	-.089	-.808
350	1108	-.207	.045	-.088	-.414
350	1109	-.217	.061	-.073	-.591
350	1110	-.257	.066	-.113	-.770
350	1111	-.170	.034	-.063	-.324
350	1112	-.173	.035	-.055	-.352
350	1113	-.232	.042	-.124	-.555
350	1114	-.209	.055	-.089	-.686
350	1115	-.204	.053	-.074	-.632
350	1116	-.208	.033	-.110	-.332
350	1117	-.173	.032	-.080	-.286
350	1118	-.174	.032	-.070	-.290
350	1119	-.167	.032	-.069	-.334
350	1120	-.169	.031	-.068	-.294
350	1121	-.189	.032	-.078	-.315
350	1122	-.182	.036	-.085	-.350
350	1123	-.224	.045	-.104	-.649
350	1124	-.191	.043	-.078	-.514
350	1125	-.174	.032	-.056	-.343
350	1126	-.176	.033	-.059	-.337
350	1127	-.170	.031	-.075	-.323
350	1128	-.208	.031	-.108	-.385
350	1129	-.190	.029	-.113	-.329
350	1130	-.183	.034	-.094	-.327
350	1131	-.182	.039	-.080	-.469
350	1132	-.182	.040	-.077	-.455
350	1133	-.169	.030	-.084	-.303
350	1134	-.166	.029	-.082	-.347
350	1135	-.167	.030	-.080	-.368
350	1136	-.189	.031	-.085	-.353
350	1137	-.173	.030	-.079	-.323
350	1138	-.179	.032	-.087	-.342
350	1139	-.193	.047	-.082	-.535
350	1140	-.213	.047	-.095	-.559
350	1141	-.172	.032	-.081	-.335
350	1142	-.183	.033	-.087	-.377
350	1143	-.180	.035	-.082	-.445
350	1144	-.201	.049	-.066	-.543
350	1145	-.170	.035	-.032	-.382
350	1146	-.161	.030	-.068	-.312
350	1147	-.173	.034	-.079	-.347
350	1148	-.166	.035	-.045	-.326
350	1149	-.188	.048	-.069	-.739
350	1150	-.182	.048	-.067	-.565
350	1151	-.181	.048	-.054	-.562
350	1152	-.180	.039	-.056	-.392
350	1153	-.155	.031	-.067	-.347
350	1154	-.147	.030	-.032	-.267
350	1155	-.162	.035	-.061	-.340
350	1156	-.180	.037	-.070	-.368
350	1157	-.165	.040	-.066	-.479
350	1158	-.170	.043	-.056	-.471
350	1159	-.172	.045	-.071	-.474
350	1160	-.174	.051	-.060	-.567
350	1161	-.177	.044	-.061	-.521
350	1162	-.156	.037	-.065	-.343
350	1163	-.146	.030	-.061	-.337
350	1164	-.149	.030	-.071	-.288
350	1165	-.138	.029	-.054	-.336
350	1166	-.148	.033	-.056	-.279
350	1167	-.152	.034	-.047	-.275
350	1168	-.167	.040	-.049	-.556
350	1169	-.147	.031	-.062	-.320
350	1170	-.142	.039	-.024	-.399
350	1171	-.136	.024	-.045	-.225
350	1172	-.130	.024	-.030	-.219
350	1201	-.038	.207	.738	-1.067
350	1202	-.004	.150	.674	-.713
350	1203	-.014	.109	.604	-.546
350	1204	-.026	.093	.549	-.300
350	1205	-.078	.079	.348	-.367
350	1206	-.120	.065	.179	-.473
350	1207	-.032	.186	.793	-.901
350	1208	.016	.158	.749	-.657
350	1209	.007	.107	.627	-.293
350	1210	-.016	.091	.463	-.273
350	1211	-.080	.072	.324	-.283
350	1212	-.125	.057	.179	-.353
350	1213	-.021	.166	.502	-.864
350	1214	.016	.139	.549	-.833
350	1215	.006	.089	.518	-.398
350	1216	-.022	.077	.475	-.261
350	1217	-.088	.059	.326	-.274
350	1218	-.128	.047	.169	-.303
350	1219	-.028	.168	.960	-.874
350	1220	-.013	.145	.465	-.805
350	1221	-.081	.051	.205	-.276
350	1222	-.135	.040	.149	-.280
350	1223	-.021	.149	.459	-.881
350	1224	.007	.134	.579	-.967
350	1225	.007	.090	.516	-.405
350	1226	-.018	.080	.516	-.241
350	1227	-.086	.048	.203	-.250
350	1228	-.131	.039	.073	-.272
350	1229	-.070	.129	.502	-.839
350	1230	-.026	.099	.458	-.730
350	1231	-.025	.068	.358	-.507
350	1232	-.041	.064	.337	-.284
350	1233	-.101	.053	.244	-.270
350	1234	-.137	.040	.101	-.320
350	1235	-.083	.135	.392	-.757
350	1236	-.054	.123	.435	-.835
350	1237	-.042	.072	.374	-.432
350	1238	-.056	.069	.489	-.474
350	1239	-.094	.051	.188	-.340
350	1240	-.130	.044	.068	-.349
350	1241	-.106	.100	.176	-.713
350	1242	-.074	.085	.204	-.584
350	1243	-.053	.044	.202	-.299
350	1244	-.056	.045	.198	-.198
350	1245	-.097	.039	.131	-.241
350	1246	-.134	.035	.024	-.309
350	1247	-.102	.077	.099	-.727
350	1248	-.064	.053	.234	-.397
350	1249	-.073	.035	.116	-.207
350	1250	-.072	.034	.108	-.208
350	1251	-.100	.032	.078	-.232
350	1252	-.138	.036	.125	-.273
350	1253	-.095	.058	.071	-.496
350	1254	-.086	.034	.018	-.312
350	1255	-.096	.052	.061	-.364
350	1256	-.087	.038	.018	-.299
350	1257	-.078	.028	.024	-.210
350	1258	-.074	.029	.350	-.186

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	1259	-.075	.035	.371	-.198
350	1260	-.107	.036	.224	-.246
350	1261	-.132	.033	-.002	-.360
350	1262	-.078	.039	.068	-.364
350	1263	-.068	.028	.047	-.189
350	1264	-.075	.027	.048	-.211
350	1265	-.073	.028	.039	-.282
350	1266	-.068	.024	.018	-.160
350	1267	-.066	.024	.013	-.153
350	1268	-.072	.024	.025	-.185
350	1269	-.070	.023	.048	-.201
350	1270	-.094	.022	-.029	-.267
350	1271	-.116	.025	-.045	-.316
350	1272	-.068	.024	.025	-.160
350	1273	-.063	.024	.032	-.158
350	1274	-.061	.025	.042	-.158
350	1275	-.064	.025	.032	-.167
350	1276	-.063	.025	.025	-.155
350	1277	-.079	.022	-.007	-.155
350	1278	-.088	.022	.001	-.196
350	1279	-.070	.030	.106	-.172
350	1280	-.063	.030	.114	-.154
350	1281	-.073	.024	.051	-.148
350	1301	-.016	.116	.603	-.350
350	1302	.045	.135	.772	-.464
350	1303	.050	.149	.813	-.726
350	1304	-.045	.090	.427	-.293
350	1305	.011	.114	.579	-.330
350	1306	.078	.136	.813	-.879
350	1307	.071	.143	.737	-.828
350	1308	-.056	.074	.294	-.292
350	1309	.005	.094	.534	-.253
350	1310	.036	.134	.655	-.811
350	1311	.067	.133	.709	-.787
350	1312	.079	.127	.998	-.587
350	1313	.060	.126	.696	-.511
350	1314	-.033	.074	.436	-.322
350	1315	.011	.095	.520	-.214
350	1316	.068	.116	.784	-.409
350	1317	.048	.122	.661	-.678
350	1318	.053	.100	.538	-.417
350	1319	.034	.100	.447	-.903
350	1320	-.038	.070	.359	-.221
350	1321	.011	.088	.572	-.186
350	1322	.055	.098	.662	-.184
350	1323	.017	.086	.494	-.443
350	1324	-.098	.051	.230	-.257
350	1325	-.040	.061	.291	-.212
350	1326	-.000	.071	.518	-.193
350	1327	.005	.079	469	-.421

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	1328	-.021	.076	.495	-.406
350	1329	-.095	.037	.027	-.318
350	1330	-.081	.036	.059	-.207
350	1331	-.035	.041	.188	-.183
350	1332	-.050	.064	.393	-.266
350	1333	-.038	.065	.469	-.293
350	1334	-.078	.034	.088	-.223
350	1335	-.064	.033	.117	-.184
350	1336	-.030	.037	.148	-.169
350	1337	-.023	.055	.290	-.300
350	1338	-.032	.053	.397	-.416
350	1339	-.079	.033	.076	-.207
350	1340	-.068	.034	.081	-.198
350	1341	-.040	.037	.126	-.194
350	1342	-.040	.050	.333	-.220
350	1343	-.041	.053	.330	-.241
350	1344	-.100	.040	.061	-.410
350	1345	-.094	.040	.021	-.297
350	1346	-.081	.046	.081	-.331
350	1347	-.057	.040	.251	-.214
350	1348	-.081	.043	.179	-.222
350	1349	-.061	.030	.069	-.224
350	1350	-.065	.029	.040	-.192
350	1351	-.068	.030	.021	-.207
350	1353	-.057	.029	.055	-.217
350	1354	-.059	.030	.047	-.192
350	1355	-.057	.029	.071	-.254
350	1356	-.062	.029	.052	-.273
350	1357	-.072	.027	.046	-.195
350	1358	-.068	.027	.047	-.161
350	1359	-.057	.030	.052	-.197
350	1360	-.062	.027	.027	-.167
350	1361	-.071	.025	.017	-.170
350	1362	-.068	.023	.014	-.156
350	1401	-.217	.070	-.027	-.652
350	1402	-.191	.089	.117	-.645
350	1403	-.182	.065	.008	-.470
350	1404	-.201	.070	.051	-.535
350	1405	-.177	.070	.022	-.613
350	1406	-.181	.052	-.015	-.474
350	1407	-.124	.068	.227	-.450
350	1408	-.137	.072	.113	-.454
350	1409	-.172	.061	.086	-.495
350	1410	-.129	.063	.117	-.544
350	1411	-.182	.044	-.058	-.488
350	1412	-.152	.057	.169	-.423
350	1413	-.139	.066	.108	-.664
350	1414	-.125	.058	.135	-.396
350	1415	-.112	.059	.174	-.454
350	1416	-.175	.040	-.048	-.332

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	1417	-.157	.052	.122	-.332
350	1418	-.137	.063	.109	-.438
350	1419	-.125	.053	.096	-.508
350	1420	-.135	.054	.126	-.514
350	1421	-.197	.039	-.083	-.418
350	1422	-.142	.041	.099	-.356
350	1423	-.137	.053	.123	-.390
350	1424	-.127	.046	.033	-.397
350	1425	-.140	.046	.046	-.603
350	1426	-.182	.039	-.056	-.370
350	1427	-.147	.037	-.017	-.337
350	1428	-.118	.041	.098	-.316
350	1429	-.120	.044	.055	-.343
350	1430	-.120	.045	.069	-.523
350	1431	-.169	.036	-.064	-.344
350	1432	-.130	.035	-.004	-.300
350	1433	-.114	.043	.064	-.339
350	1434	-.119	.048	.081	-.480
350	1435	-.060	.045	.254	-.204
350	1436	-.088	.035	.057	-.196
350	1437	-.114	.043	.032	-.355
350	1438	-.117	.042	.018	-.353
350	1439	-.118	.042	.009	-.409
350	1440	-.179	.040	-.061	-.372
350	1441	-.141	.031	-.053	-.313
350	1442	-.107	.038	.058	-.299
350	1443	-.117	.048	.059	-.444
350	1444	-.118	.050	.021	-.420
350	1445	-.164	.036	-.048	-.321
350	1446	-.132	.028	.003	-.253
350	1447	-.059	.036	.131	-.182
350	1448	-.067	.036	.052	-.302
350	1449	-.071	.035	.054	-.279
350	1450	-.169	.041	-.040	-.435
350	1451	-.172	.043	-.006	-.432
350	1452	-.158	.035	-.065	-.327
350	1453	-.137	.031	-.046	-.298
350	1454	.000	.047	.211	-.112
350	1455	-.047	.034	.165	-.167
350	1456	-.050	.031	.096	-.173
350	1901	-.058	.026	.047	-.143
350	1902	-.140	.027	-.034	-.266
350	1903	-.044	.039	.164	-.147
350	1904	-.051	.035	.230	-.185
350	1905	-.170	.095	.356	-.772
350	1906	-.230	.112	.232	-.758
350	2101	-.145	.047	.049	-.538
350	2102	-.143	.048	.074	-.511
350	2103	-.176	.044	-.010	-.450
350	2104	-.148	.066	.046	-.571

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	2105	-.150	.066	.049	-.823
350	2106	-.165	.031	-.062	-.302
350	2107	-.204	.029	-.110	-.334
350	2108	-.166	.029	-.044	-.275
350	2109	-.146	.032	-.041	-.277
350	2110	-.144	.036	-.035	-.293
350	2111	-.219	.037	-.110	-.432
350	2112	-.181	.036	-.076	-.324
350	2113	-.147	.027	-.061	-.248
350	2114	-.134	.032	-.017	-.257
350	2115	-.179	.031	-.079	-.332
350	2116	-.161	.039	-.017	-.397
350	2117	-.154	.035	-.009	-.306
350	2118	-.129	.027	-.042	-.239
350	2119	-.180	.031	-.106	-.341
350	2120	-.163	.054	-.048	-.510
350	2121	-.159	.051	-.051	-.638
350	2201	-.154	.065	.040	-.536
350	2202	-.149	.063	.038	-.474
350	2203	-.167	.064	.032	-.465
350	2204	-.159	.054	-.048	-.840
350	2205	-.150	.044	-.034	-.407
350	2206	-.137	.044	-.017	-.405
350	2207	.027	.096	.496	-.415
350	2208	-.162	.047	-.036	-.417
350	2209	-.153	.043	-.036	-.392
350	2210	-.158	.058	-.005	-.595
350	2211	-.188	.062	-.061	-.629
350	2212	-.191	.060	-.051	-.535
350	2301	-.035	.089	.391	-.338
350	2302	.025	.115	.539	-.275
350	2303	-.027	.099	.442	-.566
350	2304	-.010	.084	.374	-.440
350	2305	-.049	.085	.276	-.448
350	2306	.029	.129	.768	-.300
350	2307	-.059	.116	.654	-.408
350	2308	-.064	.056	.257	-.236
350	2309	.003	.077	.443	-.266
350	2310	.098	.100	.573	-.164
350	2311	.045	.094	.540	-.224
350	2312	.053	.081	.458	-.211
350	2313	-.059	.099	.474	-.308
350	2314	-.132	.063	.294	-.355
350	2315	-.090	.039	.117	-.262
350	2316	-.049	.045	.183	-.219
350	2317	.040	.069	.360	-.129
350	2318	.020	.061	.303	-.157
350	2319	.000	.055	.231	-.202
350	2320	-.089	.051	.235	-.314
350	2321	-.124	.048	.105	-.319
350	2322	-.138	.037	-.026	-.299
350	2323	-.119	.032	-.013	-.269
350	2324	.019	.058	.321	-.116
350	2325	.000	.049	.218	-.129
350	2326	-.064	.032	.057	-.184
350	2327	-.088	.023	.009	-.166
350	2401	-.294	.199	.168	-1.577
350	2402	-.219	.136	.115	-1.069
350	2403	-.170	.055	.065	-.404
350	2404	-.151	.048	.046	-.366
350	2405	-.222	.059	-.056	-.598
350	2406	-.227	.064	-.063	-.715
350	2407	-.177	.031	-.013	-.313
350	2408	-.164	.027	-.058	-.272
350	2409	-.222	.067	-.078	-.725
350	2410	-.220	.065	-.054	-.598
350	2411	-.163	.028	-.042	-.297
350	2412	-.172	.028	-.051	-.298
350	2413	-.154	.041	-.002	-.382
350	2414	-.154	.045	-.013	-.367
350	2415	-.135	.032	-.007	-.281
350	2416	-.145	.036	.009	-.312

APPENDIX A -- PRESSURE DATA: CONFIGURATION B; U.N. DEV. CORP. PHASE II BUILDING, NEW YORK

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
102	1334	-.832	.316	.413	-2.028
102	2109	-.442	.064	-.202	-.753
102	2110	-.437	.065	-.190	-.747
102	2201	-.100	.119	.355	-.506
104	1334	-.859	.312	.319	-2.423
104	2109	-.451	.070	-.232	-.712
104	2110	-.447	.072	-.227	-.706
104	2201	-.073	.126	.406	-.414
106	1334	-.936	.309	.374	-3.032
106	2109	-.454	.073	-.227	-.784
106	2110	-.449	.074	-.216	-.785
106	2201	-.037	.123	.483	-.390
108	1334	-.929	.321	.168	-2.440
108	2109	-.444	.074	-.198	-.727
108	2110	-.438	.076	-.175	-.719
108	2201	-.028	.130	.527	-.426
110	1334	-.923	.308	.215	-2.831
110	2109	-.445	.080	-.199	-.844
110	2110	-.439	.081	-.203	-.846
110	2201	.005	.137	.500	-.442
112	1334	-.866	.286	.156	-2.453
112	2109	-.422	.079	-.113	-.710
112	2110	-.416	.081	-.095	-.721
112	2201	.031	.136	.638	-.493
114	1334	-.892	.284	.052	-2.740
114	2109	-.438	.091	-.140	-.962
114	2110	-.430	.093	-.142	-.958
114	2201	.070	.147	.600	-.526
116	1334	-.852	.277	.138	-2.426
116	2109	-.415	.093	-.130	-1.056
116	2110	-.407	.094	-.103	-1.047
116	2201	.069	.145	.649	-.501
118	1334	-.851	.281	.154	-2.527
118	2109	-.416	.094	-.146	-.889
118	2110	-.407	.095	-.101	-.865
118	2201	.095	.153	.781	-.434
120	1334	-.836	.269	.126	-2.656
120	2109	-.412	.109	.001	-1.082
120	2110	-.400	.111	.066	-1.092
120	2201	.106	.173	.728	-.582
122	1334	-.804	.265	.046	-2.407
122	2109	-.382	.110	-.041	-1.389
122	2110	-.369	.110	.016	-1.358
122	2201	.083	.180	.856	-.636
124	1334	-.771	.285	.214	-2.327
124	2109	-.353	.118	.088	-1.233
124	2110	-.342	.119	.073	-1.351
124	2201	.042	.191	.806	-.846
126	1334	-.713	.270	.261	-2.163
126	2109	-.321	.129	.022	-.964
126	2110	-.307	.128	.103	-.952
126	2201	.018	.207	.798	-.843
128	1334	-.681	.286	.313	-2.078
128	2109	-.297	.144	.181	-.963
128	2110	-.285	.139	.227	-.942
128	2201	-.034	.218	.789	-1.147
130	1334	-.600	.298	.217	-2.114
130	2109	-.248	.161	.460	-1.490
130	2110	-.241	.149	.301	-1.160
130	2201	-.079	.216	.874	-.901
132	1334	-.496	.292	.219	-1.927
132	2109	-.205	.148	.298	-1.711
132	2110	-.210	.139	.201	-2.215
132	2201	-.127	.210	.648	-.920
134	1334	-.410	.252	.300	-1.925
134	2109	-.177	.144	.355	-1.203
134	2110	-.194	.137	.216	-1.205
134	2201	-.144	.214	.668	-1.147
136	1334	-.378	.217	.256	-2.103
136	2109	-.159	.134	.397	-1.175
136	2110	-.184	.129	.260	-1.418
136	2201	-.157	.193	.706	-1.019
138	1334	-.327	.154	.148	-1.388
138	2109	-.131	.126	.399	-1.037
138	2110	-.165	.120	.270	-.999
138	2201	-.152	.204	.768	-1.329
140	1334	-.298	.121	.115	-1.358
140	2109	-.109	.121	.532	-.889
140	2110	-.158	.113	.293	-.795
140	2201	-.178	.199	.573	-1.277
142	1334	-.291	.100	.118	-1.185
142	2109	-.085	.126	.797	-.549
142	2110	-.148	.115	.405	-.560
142	2201	-.198	.215	.759	-1.519
144	1334	-.270	.085	-.047	-.849
144	2109	-.054	.123	.551	-.479
144	2110	-.130	.110	.361	-.587
144	2201	-.207	.217	.574	-1.717
146	1334	-.271	.075	.089	-.877
146	2109	-.015	.149	.628	-1.081
146	2110	-.116	.123	.350	-.761
146	2201	-.257	.279	.922	-1.815
148	1334	-.279	.073	-.072	-.767
148	2109	.026	.157	.672	-.505
148	2110	-.107	.127	.475	-.672
148	2201	-.312	.369	.868	-2.590
182	1334	-.260	.055	-.139	-.540
182	2109	.325	.178	.984	-.147
182	2110	.104	.161	.787	-.420
182	2201	-.831	.291	.086	-2.568
184	1334	-.258	.053	-.119	-.564
184	2109	.317	.184	.883	-.283
184	2110	.089	.165	.675	-.376
184	2201	-.851	.291	.227	-2.649
186	1334	-.252	.050	-.129	-.533
186	2109	.315	.183	1.075	-.293
186	2110	.082	.165	.696	-.572
186	2201	-.842	.275	.206	-2.242
188	1334	-.259	.050	-.114	-.493
188	2109	.335	.170	1.021	-.179
188	2110	.082	.151	.744	-.418
188	2201	-.840	.294	-.186	-2.364
190	1334	-.244	.049	-.114	-.461
190	2109	.308	.166	.932	-.185
190	2110	.067	.151	.653	-.489
190	2201	-.768	.297	-.073	-2.501
192	1334	-.246	.053	-.107	-.531
192	2109	.322	.177	.986	-.119
192	2110	.074	.156	.647	-.397
192	2201	-.732	.281	-.126	-2.073
194	1334	-.234	.050	-.080	-.477
194	2109	.299	.167	.919	-.206
194	2110	.059	.150	.599	-.446
194	2201	-.628	.256	-.143	-2.234
196	1334	-.232	.048	-.098	-.418
196	2109	.294	.174	.953	-.231
196	2110	.057	.149	.587	-.577
196	2201	-.580	.227	-.146	-2.260
198	1334	-.228	.050	-.100	-.555
198	2109	.293	.165	.895	-.146
198	2110	.058	.141	.531	-.410
198	2201	-.511	.193	-.137	-2.228