



Technical Information

CCC Total Gross Square Footage: 2,200,000 square feet.

Elevations for Each Level:

- Lower Level: 5,197'6"
- Street Level: 5,214'
- Upper Level: 5,241'6"

(It is 16'6" from the Lower Level floor to Street Level floor, 27'6" from Street Level floor to Exhibit Hall level floor, and 44' from Lower Level floor to Exhibit Level floor.)

Freight Elevator: Located at Hall A load-in door. Freight elevator is 19'6" deep; 12'2" wide, 10' high; capacity 20,000 pounds. Service to exhibit floor level, meeting room level and Four Seasons Ballroom level.

LOBBY AND BUS DROP OFF INFORMATION

Lobby Square Footage:

- A: 13,000 square feet.
- B: 25,000 square feet.
- C: 12,000 square feet.
- D: 28,800 square feet.
- E: Minimal square feet.
- F: 13,500 square feet.
- Wells Fargo Theatre: 12,500 square feet.
- West outside deck: 6,020 square feet.
- East outside deck: 1,000 square feet.

Note: Lobby A & B: Ceiling height 16' @ soffit and 18' at the dropped ceiling grid.

Lobby B & C entrance door clearance: 77" wide by 93" high.

Lobby D,F& Wells Fargo Theatre entrance door width clearance: 65"

Freight Elevator to Lobby B, the distance between the column and the wall is 88" (narrowest point). Lowest point is 96" (roll door).

LOBBY AND BUS DROP OFF INFORMATION (continued)

Lobby Utilities:

Electric:	24-32 duplex 20 amp service outlets on floors and walls. 1, 60 amp, 208/120 volt wall receptacles and 1-20 amp, 208/120 volt wall receptacle.
Video:	Coax cable service outlets on floors and walls.
Fiber:	Multi-mode located in each lobby.
Telephone:	Voice/data jacks along walls.
Audio:	Limited number of inputs available.

Large Overhead Directional Signs: 3'10 1/2" high X 18'3" long.

Bus Drop off:

A Lobby drop off will accommodate 3 Busses.

B Lobby drop off will accommodate 10 busses.

D Lobby drop off will accommodate 3 busses

F Lobby drop off will accommodate 4 busses.

Welton Drive Height Measurements (length of vehicle important plus labor to remove and re-install the way-finding sign):

Ceiling height from 13th Street going east:

13th Street and ring road = 14'8"

1st column east (30') = 13'11"

2nd column east (60') = 13'7"

3rd column east (90') = 13'4"

CONCOURSE INFORMATION

Concourse Square Footage:

A	25' x 219'; 5,475 square feet
B	18' x 243'; 4,374 square feet
C	25' x 203'; 5,075 square feet
D	70' x 140'; 9,800 square feet.
E:	30' x 270'; 8,100 square feet.
F	40' x 200'; 8,000 square feet.

Grand Concourse:

Length 949.5' from bottom of ramp to WFT

EXHIBIT HALL INFORMATION

Loading Dock and Exhibit Floor Move In:

Halls A, B, & C: 23 truck positions available, width 12'6"; length 80', dock driveway width 26'; dock ceiling height 25'; Halls A & C load-in doors 22' wide, 20' high; Hall B outer door load in 21'11", 15'1" high; inner door load in 28'6", 15'1" high; Hall C outer door load in 21'11", 17'10" high; inner door load in 21'11", 17'10" high. Dock levelers at docks 3, 13, and 26.

Loading ramp is length 500', width 32', and grade 10%.

Halls D, E, & F: 20 truck positions available, width 12', length 80', dock driveway width 29', dock ceiling height 24', Hall D has 2 load in doors 22' wide 16' high and 10' wide 12' high. Hall E has 2 load in doors 22' wide 16' high and 10' wide 12' high. Hall F has 2 load in doors 16' wide 16' high and 12' wide 12' high. Dock levelers at docks 28, 37 and 47

Exhibit Hall Square Footage:

A	105,000 architectural net square feet.
B	90,000 architectural net square feet.
C	95,000 architectural net square feet.
D	92,000 architectural net square feet.
E	91,000 architectural net square feet.
F	106,000 architectural net square feet.
A + B1	147,000 architectural net square feet.
C + B2	143,000 architectural net square feet.
D + E1	151,000 architectural net square feet.
F + E2	137,000 architectural net square feet.

Note: Exhibit Halls A,B&C to Exhibit Halls D,E&F through the movable partition wall double doors. Door clearance: 64" wide 86" high.

Exhibit Hall Upper Lobbies Square Footage:

A	5,600 Square feet.
C	4,800 Square feet.
D	16,000 Square feet.
F	10,200 Square feet.

Note: Exhibit Hall to Upper Lobby door width clearance:

Exhibits Hall A, B, &C: 75 1/2"

Exhibits Hall D, E, &F: 65"

EXHIBIT HALL INFORMATION (continued)

Exhibit Hall Upper Lobbies Height of the Grid above the Hall Entries (Metal band grid width is 12"):

A	10' (round columns in the grid ceiling area)
B	No grid
C	9'11" (round columns in the grid ceiling area)
D	North = 10' and South = 10'1"
E	No grid
F	North = 9'9" and South = 10'

Exhibit Hall A,B&C Floor Utilities:

Floor Ports:	30' centers.
Electrical:	2 each, 20 amp 120 volt, duplex outlet, 1 each 100 amp, 208 volt, 3 phase service.
Telephone:	1 each, 25 pair Amphenol connector Exhibit Halls A, B & C.
Fiber:	2 strand multi-mode each port Exhibit Halls.
Water Drain:	1 each, 1-1/4" floor drain at each floor port.

Exhibit Hall D, E & F Floor Utilities:

Floor Ports:	30' centers.
Electrical:	Electrical panel in port: 18 20amp 120/208v. Electrical panel not in port: 1 100amp 120/208v 3 phase.
Telephone:	2 Data and 6 pair CAT 6
Fiber:	4 strand multi-mode and 4-strand single-mode each port
Water Drain:	1 each, 1-1/4" floor drain at each floor port.

Exhibit Hall A,B&C Column Utilities:

Columns:	90' Centers, except center of Hall A.
Electrical:	4 each dedicated 20 amp, 120-volt duplex outlets. 1 each, 100 amp 120/208 volt 3-phase 5 wire service. 1 each, 60 amp 277/480 volt 3-phase 5 wire service.
Water:	4 each, hose bib, faucet #293, 45-psi minimum.
Compressed Air:	4 each, AMFLO C5 coupler, 80 psi.
Telephone:	1 each 25 pair Amphenol connector at each column.
Fiber:	2 strand multi-mode at each column.
Cable TV:	CATV multiple overhead locations.
Audio:	Limited number of microphone inputs available at interior columns.

Exhibit Halls A, B, & C North-Side Emergency Exit Stairwell Enclosures:

Hall A:	One location only with a 4' high brick wall.
Hall B:	Two locations with two heights, 9'4" and 30'.
Hall C:	One location with a 4' high brick wall.

EXHIBIT HALL INFORMATION (continued)

Exhibit Hall D,E&F Column Utilities:

Columns:	90' Centers.
Electrical:	4 each dedicated 20 amp, 120-volt duplex outlets. 1 each, 100 amp, 120/208 volt, 3-phase 5 wire service. 1 each, 100 amp, 277/480 volt, 3-phase 5 wire service.
Water:	4 each, hose bib, faucet #293, 45-psi minimum.
Compressed Air:	4 each, AMFLO C5 coupler, 80 psi
Telephone:	2 Data and 6 pair CAT 6 at each column Exhibit Halls.
Fiber:	4 strand multi-mode and 4-stand single-mode at each column
Audio:	Limited number of microphone inputs available at interior columns.

Exhibit Hall Other Utilities:

Natural Gas:	1 each in halls A, B & C, tie in by special arrangement only.
Stage Electrical Supply:	Exhibit Hall A & F only 2-400 and 2-200 amp, 208/120 volt 3 phase electrical service at columns A31 & F31.
Overhead Electrical Bus Duct System:	800 amp, 208/120 volt, 3 phase in Exhibit Halls A&B, with an additional 600 amp, 208/120 volt, 3 phase in Hall C. Exhibit Halls D, E&F separate 1200 amp for each hall.

Exhibit Hall Floor Load: 350 pounds per square foot.

Exhibit Hall General Lighting: High-pressure sodium and metal halide to 80 foot-candles. Hall A additional dimmable incandescent to 30 foot-candles. Pattern or "group zoned" off control is limited.

Exhibit Hall Rigging: Refer to Separate handout.

Exhibit Hall Mezzanine Window-to-Doorway:

"A" and "C"	6'8" between bottom of window to top of doorway. (Exhibit hall side – For sign hanging purposes)
"B"	8'0"

WELLS FARGO THEATRE INFORMATION

Wells Fargo Theatre Loading Dock Move In:

Two truck positions available to service the Wells Fargo Theatre. Width 12' length 80' height clearance 14'6", 1 dock leveler. Dock driveway width 18'. Dock access door 18' wide 16' high. Theatre load in door 8' wide 10' high. Stage access door 16' wide 12' high.

Vehicle Access from Loading Dock to Wells Fargo Theatre Stage:

The route is up the ramp through the scene dock onto the stage. A path must be cleared by Technical Services for ease of move in and move out of the vehicle. This space was designed to bring in a Ford Expedition or other vehicle basically under the following parameters: 19' long, 7' wide.

Green Room, Dressing Rooms & Multi-Purpose Rooms

Ceiling Heights

Green Room & Dressing Rooms 1-3:	9'
Multi-Purpose Rooms 1-4:	17'3"

MILE HIGH BALLROOM INFORMATION

Mile High 1-4 Square Footage:

All:	180' x 265': 47,700 square feet.
1 or 4	60' x 180': 10,800 square feet.
1 A,B,C,D,E or F	30' x 60': 1,800 square feet.
2 A,B,C or 3A,B,C	45' x 180': 8,100 square feet.
4 A,B,C,D,E or F	30' x 60': 1,800 square feet.
Prefunction	80' x 240': 14,000 square feet. Height of the lower ceiling area: 12'

Note: Ballroom to Prefunction door clearance: 62 ½ " wide.

Airwall entry/double doors: 64" wide.

Service Corridor to West Prefunction: 91" wide x 95" high.

Movable partition wall double entry doors: 64"

Loading Dock and Mile High 1-4 Move In:

Two truck positions available to service Mile High 1-4. Note: these docks are also used for food service deliveries. 1 position: width 13', length 70', height clearance 14'6" 1 dock leveler. 1 position: width 11', length 40', height clearance 14' 6" Dock driveway width 18'. Dock access door 18' wide, 16' high. Load in door to building 10' wide 10' high. Load in door to Ballroom 12' wide 9'4" high.

MILE HIGH BALLROOM INFORMATION (continued)

Vehicle Access from Loading Dock to Mile High 1 Load In Door:

The Mile High 1 Load-In Door @ Mile High Ballroom 1D is 240' from the end of the docking bay. The route is up the ramp and along the top of the dock through the roll door at the north end of the dock. Then, through the Mile High 1 load in door. A path must be cleared by Centerplate Catering for ease of move in and move out of the vehicle. This space was designed to bring in a Ford Expedition or other vehicle basically under the following parameters: 19' long, 7' wide.

Mile High 1, 2, 3 & 4 Utilities:

Floor Ports:	Four, flush-floor receptacles with 1 each, 60 amp, 120/208 volt, 3-phase electrical service receptacle; 1 each, telephone jack; 1 each, lighting control jack; 3 each, microphone-level audio input; 1 each, line-level audio input.
Floor Outlets:	Dedicated 20 amp, 120-volt duplex receptacles on 30' centers.
Major Electrical:	Ballroom 2-3 location on north wall and Ballroom 1 west wall wall-Cam lock style female connectors. 1-100 amp 3 phase, 120/208v 5 wire isolated service. 2-200-amp 3-phase 120/208v 5-wire service. 1-400 amp 3-phase 120/208v 5-wire service. East wall: 1-100 amp 3 phase, 120/208v 5 wire isolated service. 2-200-amp 3-phase 120/208v 5-wire service. 1-400 amp 3-phase, 120/208v 5-wire service. Both are fed from the same 800-amp service.
Telephone:	Voice/data jacks along walls.
Ballroom Lighting:	General: Fluorescent 65 foot-candles, dimmable incandescent 25 foot-candles. Presentational: 1k par cans locate on light pipes over normal stage and head table set-up locations. White light, operational from house dimmers and house non-dim circuits
Ballroom Wall Audio:	6 microphone and 1 line-level in each of the three rooms.
Fiber:	Multi-mode located throughout

Ballroom Floor Load:

All Ballrooms floor load 100 psf.

MILE HIGH BALLROOM INFORMATION (continued)

Prefunction Stairs:

West Side	106" wide 28 steps, includes middle landing, the landing is 78" deep.
East Side	279" Wide 28 steps, includes middle landing, the landing is 51" deep.

FOUR SEASONS BALLROOM INFORMATION

Four Seasons 1-4 Square Footage:

All:	146' x 235'; 34,456 square feet
Ballroom 1 (1/3):	73' x 146'; 10,658 square feet
Ballroom 2-3 (1/3):	90' x 146'; 13,140 square feet
Ballroom 4 (1/3):	73' x 146'; 10,658 square feet
Ballroom 1-2 (1/2):	118' x 146'; 17,228 square feet
Ballroom 3-4 (1/2):	118' x 146'; 17,228 square feet
Ballroom Prefunction Space:	74' x 176'; 12,580 square feet

Note: Ballroom to Prefunction door width clearance: 73"
Service Corridor to Prefunction: 67"

Four Seasons Prefunction:

Columns:	Height from the floor to silver rings 24'7", silver ring 16", and distance from silver ring to cone 9". Total height from floor to cone 26'8".
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Four Seasons 1,2,3 & 4 Load In:

2 dock spaces are available (17 & 18) at Exhibit Hall level with a freight elevator to access the Ballroom level. Freight elevator is 12' wide, 20' deep and 10' high 20,000 lb load capacity. Load in door to ballroom four is 9' X 9'.

Four Seasons 1,2,3, & 4 Utilities:

Floor Ports:	Four, flush-floor receptacles with 1 each, 60 amp, 120/208 volt, 3-phase electrical service receptacle; 1 each, telephone jack; 1 each, lighting control jack; 3 each, microphone-level audio input; 1 each, line-level audio input.
Floor Outlets:	Dedicated 20 amp, 120-volt duplex receptacles on 30' centers.

FOUR SEASONS BALLROOM INFORMATION (continued)

Major Electrical:	Ballroom 2, 3 location on north wall wall-Cam lock style female connectors. 1-100 amp 3 phase, 120/208v 5 wire isolated service. 2-200-amp 3-phase 120/208v 5-wire service. 1-400 amp 3-phase 120/208v 5-wire service. East wall: 1-100 amp 3 phase, 120/208v 5 wire isolated service. 2-200-amp 3-phase 120/208v 5-wire service. 1-400 amp 3-phase, 120/208v 5-wire service. Both are fed from the same 800-amp service.
Telephone:	Voice/data jacks along walls.
Ballroom Lighting:	General: Fluorescent 65 foot-candles, dimmable incandescent 25 foot-candles. Presentational: 1k par cans locate on light pipes over normal stage and head table set-up locations. White light, operational from house dimmers and house non-dim circuits.
Ballroom Wall Audio:	6 microphone and 1 line-level in each of the three rooms.
Fiber:	Multi-mode located throughout the ballroom.

Ballroom Floor Load:

All Ballrooms floor load 100 psf.

MEETING ROOM INFORMATION

Meeting Room Corridor Square Footage:

100:	21' x 231':	4,851 square feet
200:	21' x 214':	4,494 square feet
300:	18' x 140':	2,520 square feet
400:	18' x 240':	4,320 square feet
500:	18' x 226':	4,068 square feet
600:	21' x 203':	4,263 square feet
700:	21' x 203':	4,263 square feet

Meeting Room Window Panels with Blackout Curtains (300/400/500 rooms only):

Each meeting room has a total of 6 panels: Top 4 panels are 32-1/2" x 46" and the bottom 2 panels are 32-1/2" x 36-3/4".

MEETING ROOM INFORMATION (continued)

Meeting Room Utilities:

Electrical: 1, 60 amp, 208/120-volt receptacle per room and standard 120-volt wall receptacles.

Audio: 3 each, mic-level inputs, 1 each, line-level input.
Video: Coax cable service outlets located next to audio input.
Fiber: Multi-mode throughout meeting rooms and registration areas.
Telephone: Voice/data jacks along walls.

Meeting Room Lighting: Four-scene lighting (preset) at each meeting room wall panel, inclusive of track lighting for head table location (with the exception of the 200 & 600 even numbered meeting rooms).

Meeting Room Signage:

Built-in Signage Holders

-100s/200s/600s/700s/Four Seasons Ballroom

-16" wide x 1/8" thick

-Can support a sign up to 17" tall (down to decorative wood outcut)

-300s/400s/500s/Mile High Ballroom

-16" wide x 1/8" thick

-Can support a sign up to 4' tall (down to floor)

Meeting Room Number Signage (outside each room; example: 101)

-22" wide x 12" tall

GO GOURMET CAFE – LOBBY B

Window Openings from Lobby B into the Café (with the curve, the windows get a little larger on the curved ends):

Large Windows: 86" to 86-1/2" wide x 63" high
Smaller Windows (above the larger windows):
86" to 86-1/2" wide x 35" high