

1. Level 2
2. Level 3
3. Level 4
4. Level 6
5. Level 7

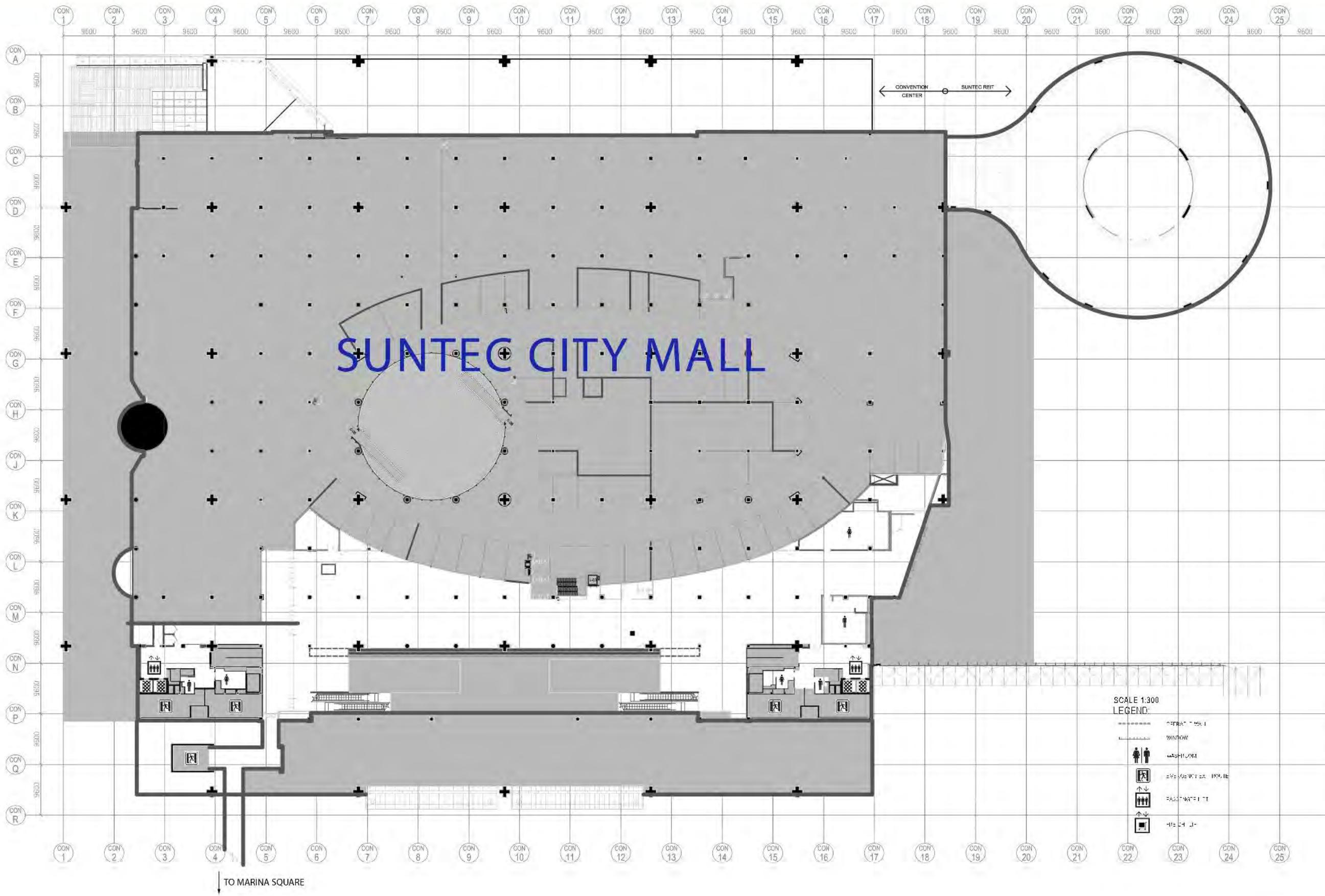


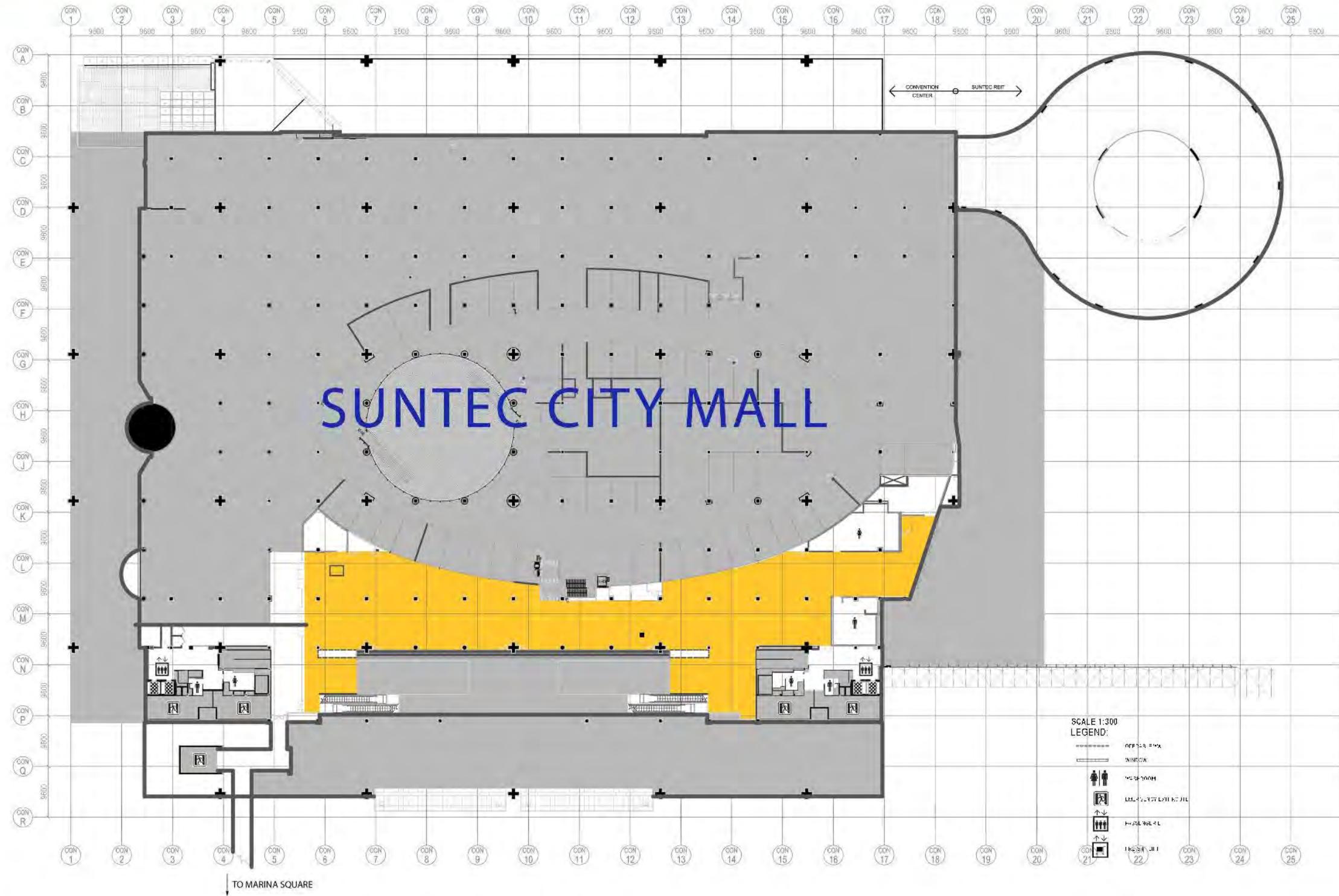
1.  
2.

General Floor Plan  
Loading Specifications Plan



# 1. General Floor Plan





#### FLOOR LOAD CAPACITY

Floor Load Capacity: 5.0 KN/m<sup>2</sup> (100lb/sq ft)

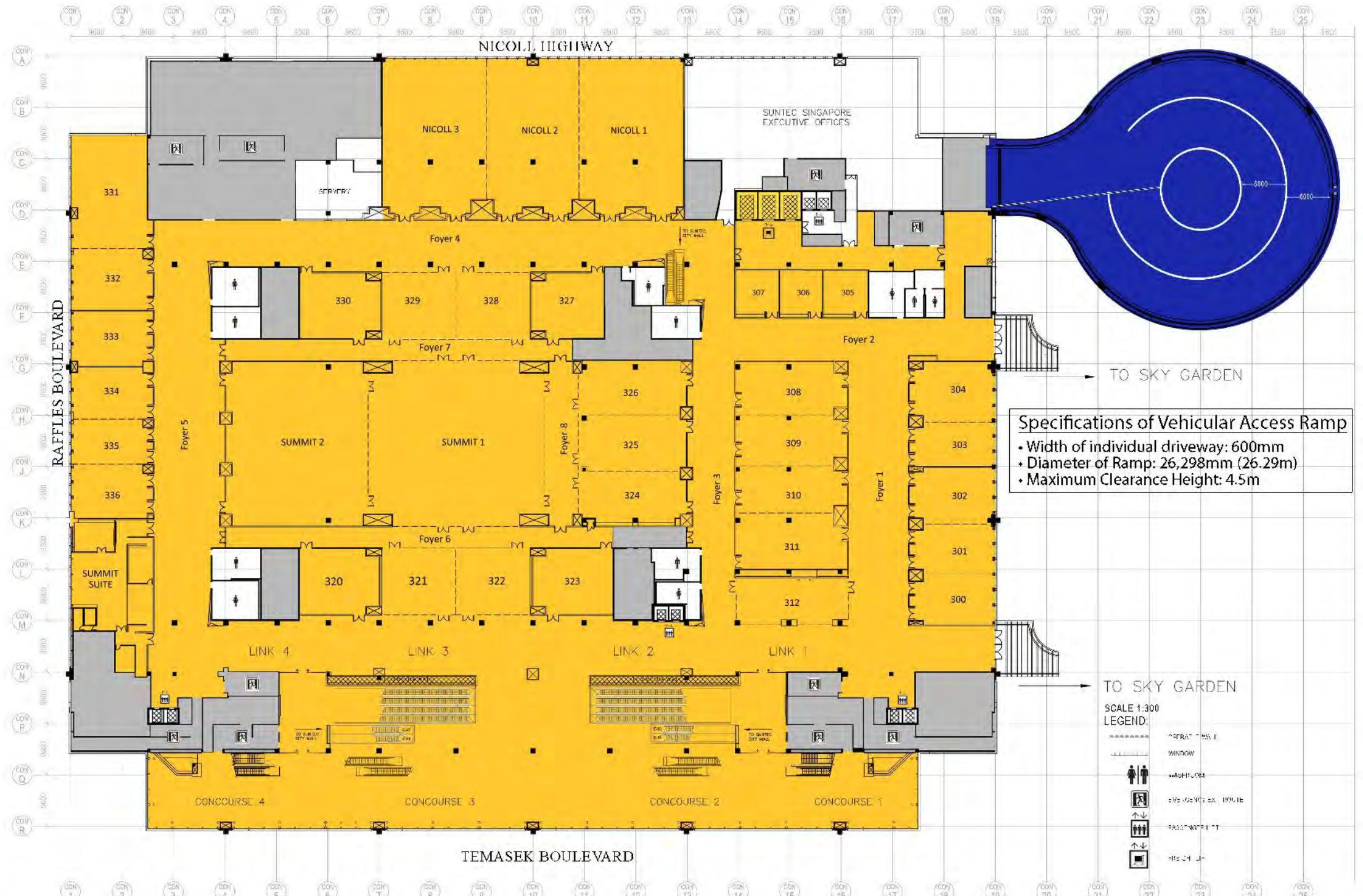
1. General Floor Plan
2. Floor & Loading Specifications Plan
3. Operable Wall Specifications & Layout
4. Reflected Lighting Plan
5. Reflected Lighting Details
6. Ceiling Height Plan



# 1. General Floor Plan



## 2. Floor & Loading Specifications



### TECHNICAL SPECIFICATIONS FOR FREIGHT ELEVATORS

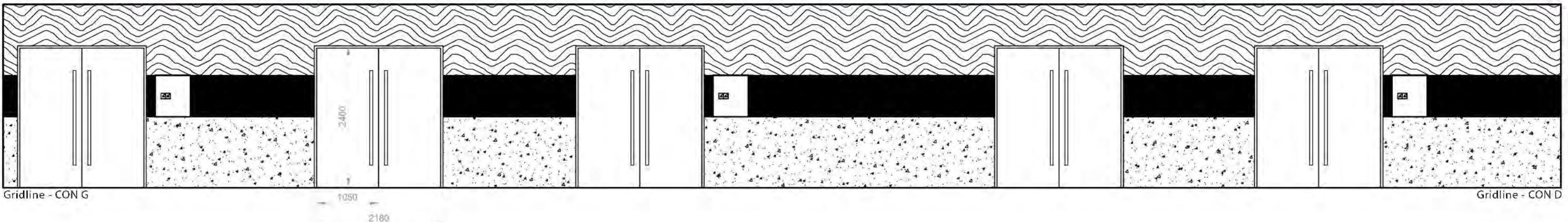
- System:
  - Speed:
  - Capacity:
  - Level Served:
  - Interior Dimensions:
  - Door Size:
- Traction  
0.5m/s (1.64 Ft/s)  
7,000kg/7 tonnes (15,400 lbs)  
Basement 1, Level 2 to 4 & Level 6 (2 elevators)  
Basement 2 to Level 4 & Level 6 (1 elevator)  
2.5m (W) x 4.35m (D) x 3.1m (H)  
[8.2ft (W) x 14.3ft (D) x 10.2ft (H)]  
2.5m (W) x 2.8m (H) [8.2ft (W) x 9.2ft (H)]

### FLOOR SPECIFICATIONS

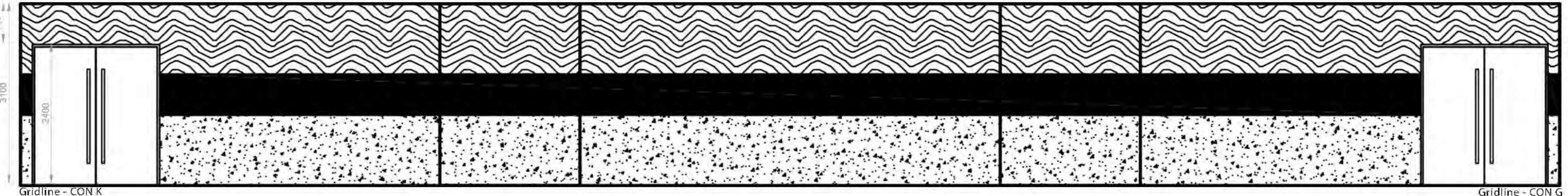
- All rooms and foyers are carpeted.
- Concourse 1-4, Link 1-4 are granite flooring.

### 3. Operable Wall Specifications & Layout

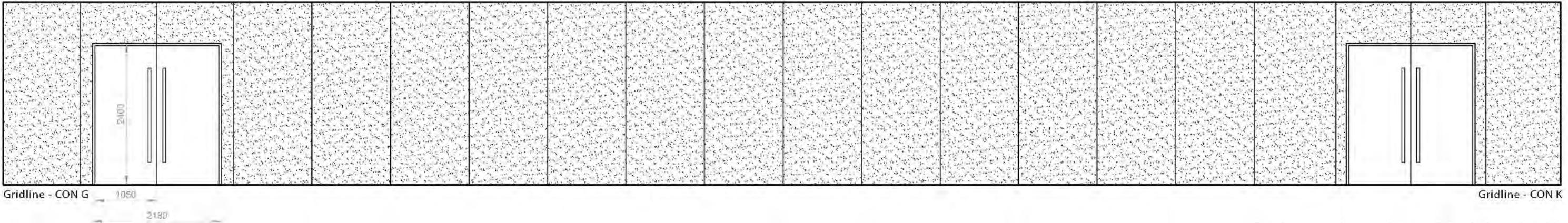
WALL 1



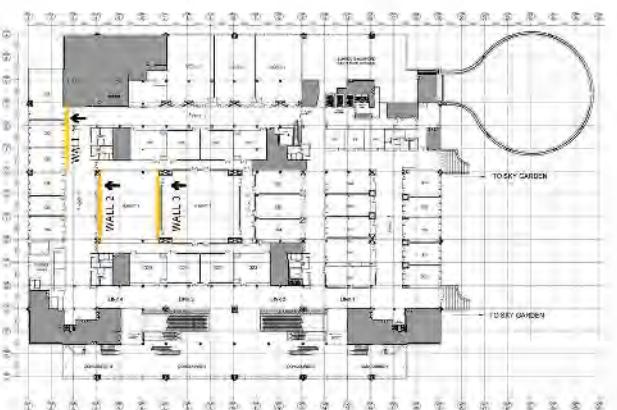
WALL 2



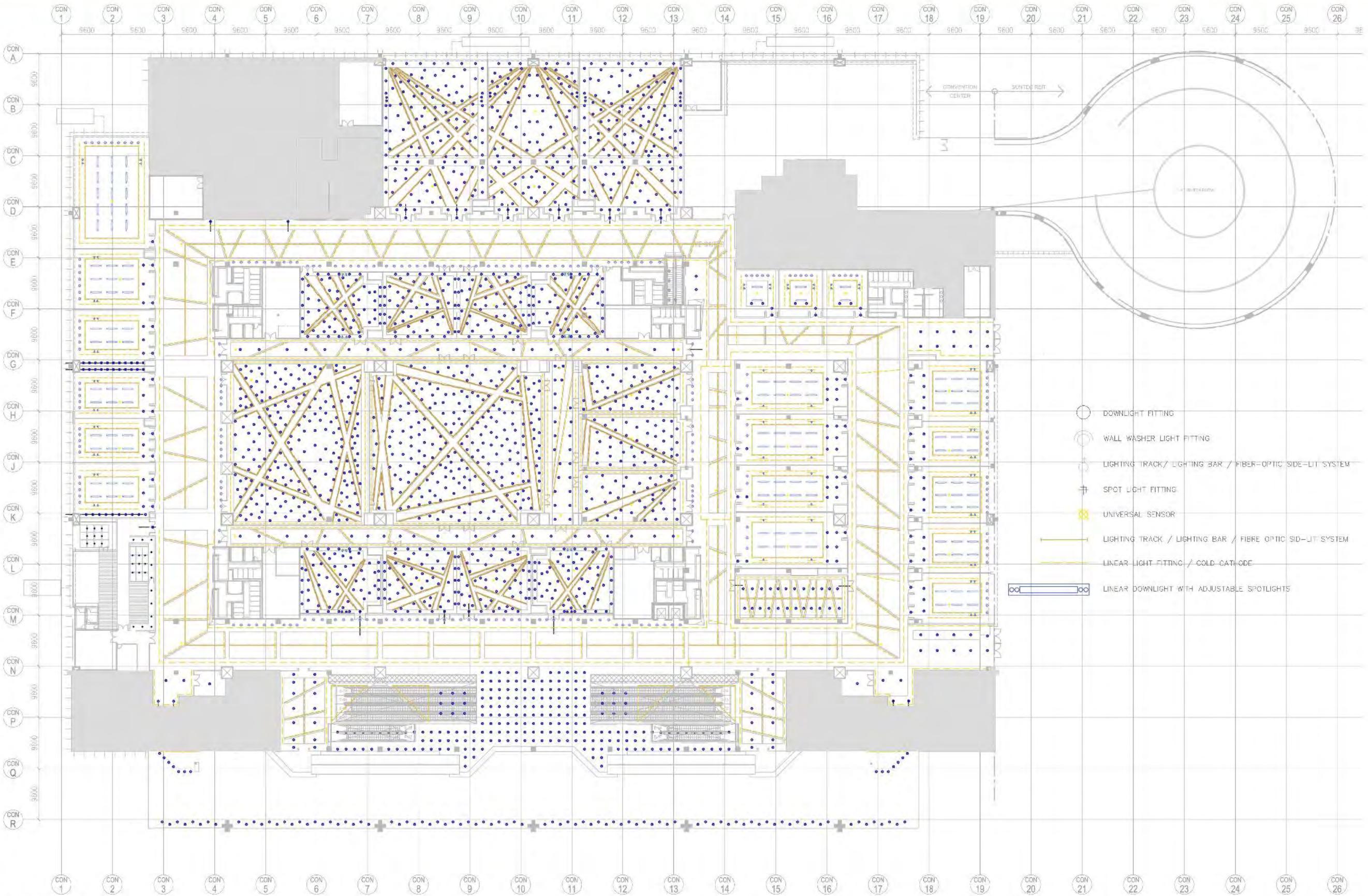
WALL 3



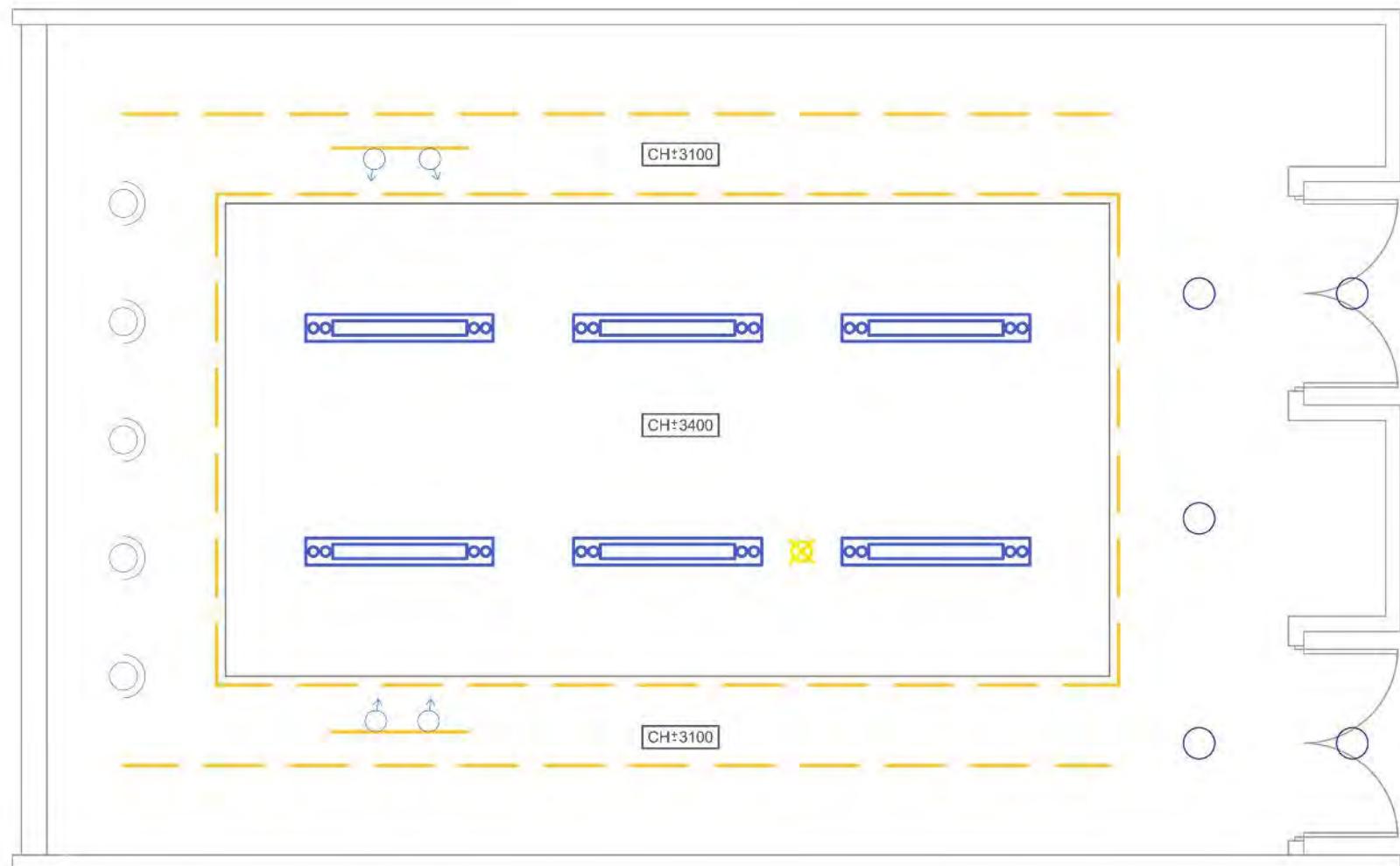
SCALE 1:75  
Soundproofing specifications for operable wall: 55dB



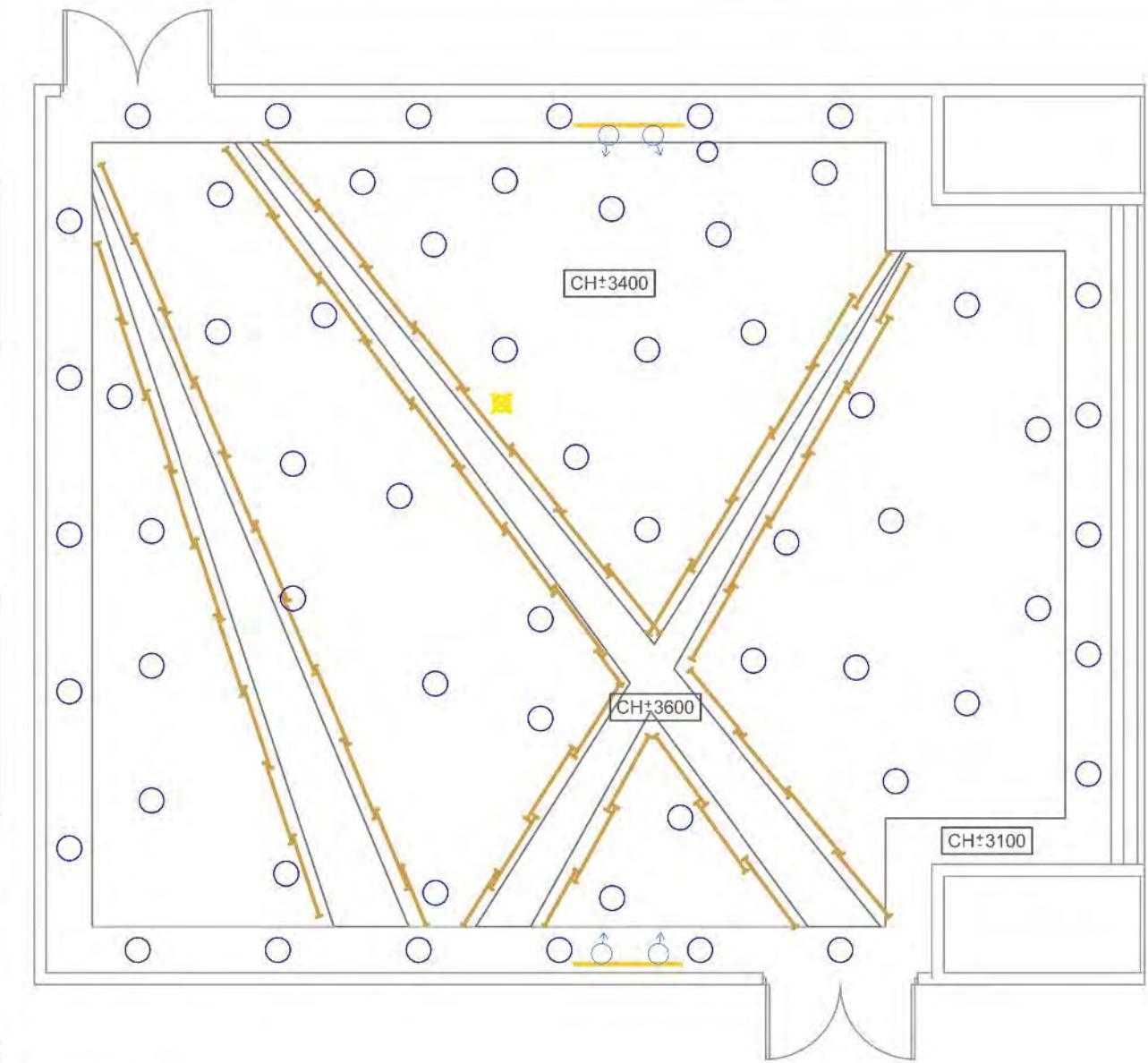
## 4. Reflected Lighting Plan



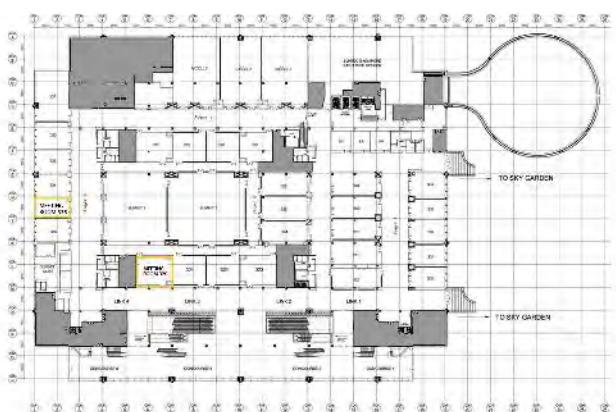
Scale 1:650



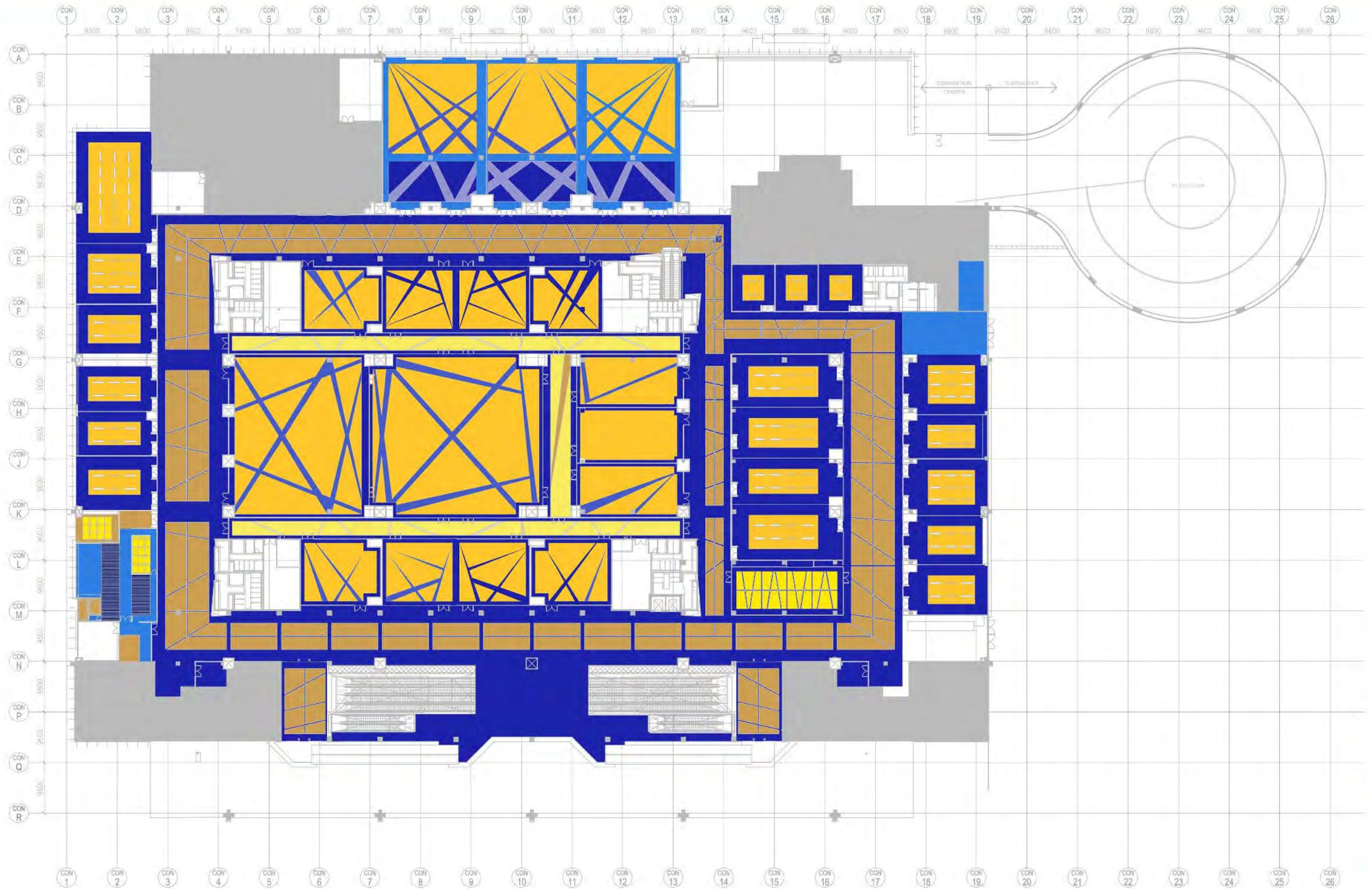
Scale 1:50  
Meeting Room 335



Scale 1:50  
Meeting Room 320



## 6. Ceiling Height Plan

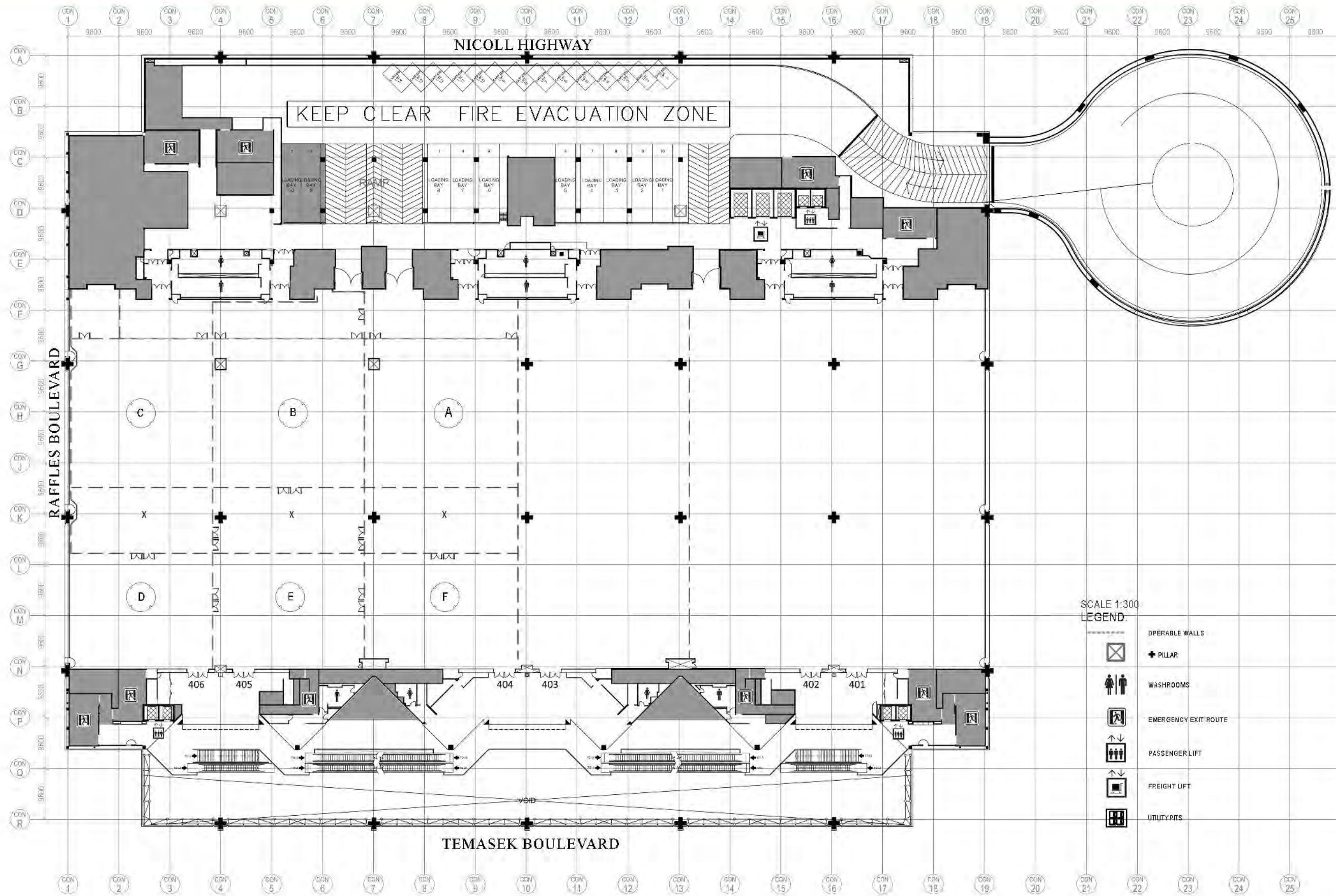


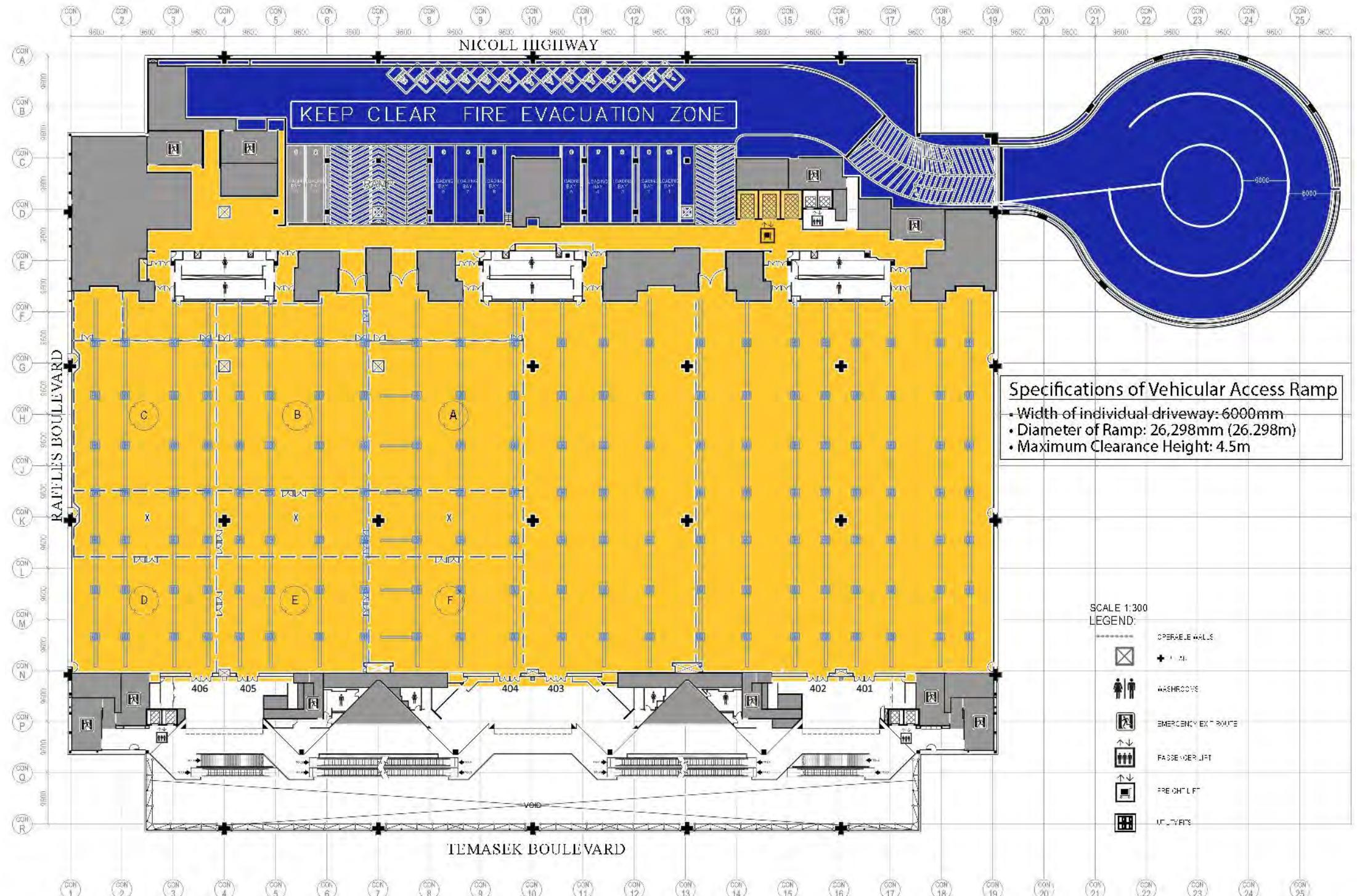
Scale 1:600

1. General Floor Plan
2. Loading and Utility Pit Specifications Plan
3. Door Dimensions
4. Mechanical and Electrical Risers Specifications & Layout
5. Operable Wall Specifications & Layout
6. Reflected Ceiling & Lighting Plan



# 1. General Floor Plan





### TECHNICAL SPECIFICATIONS FOR FREIGHT ELEVATORS

- System: Traction
- Speed: 0.5m/s (1.64 Ft/s)
- Capacity: 7,000kg/7 tonnes (15,400 lbs)
- Level Served: Basement 1, Level 2 to 4 & Level 6 (2 elevators)
- Interior Dimensions: Basement 2 to Level 4 & Level 6 (1 elevator)
- 2.5m (W) x 4.35m (D) x 3.1m (H)  
[8.2ft (W) x 14.3ft (D) x 10.2ft (H)]
- Door Size: 2.5m (W) x 2.8m (H) [8.2ft (W) x 9.2ft (H)]

### UTILITY PIT & TRENCH SYSTEM

#### Wet Compartment

##### Specifications of Vehicular Access Ramp

- Width of individual driveway: 6000mm
- Diameter of Ramp: 26,298mm (26.298m)
- Maximum Clearance Height: 4.5m

SCALE 1:300  
LEGEND:

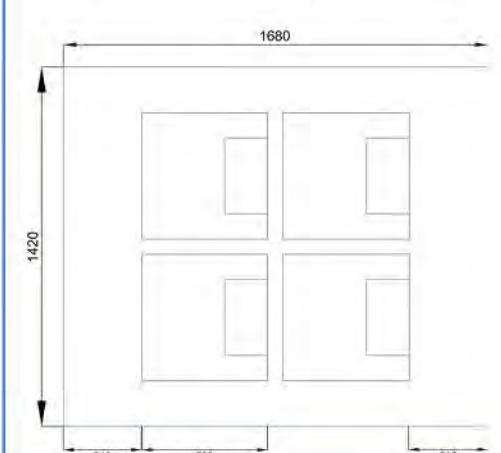
-----	OPERABLE WALLS
+	AB
●	WASHCOVE
EMERGENCY EXIT POINTS	
▲▲	PASSENGER LIFT
↑↓	FREIGHT LIFT
■■	MICROPHONES

#### Electric Compartment

- Utility Pit: 850mm (L) x 1300mm (W) x 725mm (H)
- Trench: 275mm (W) x 200mm (H)
- 2 x 60 Amp TPN Outlets: 400 volts
- 2 x 30 Amp TPN Outlets: 400 volts
- 1 x 30 Amp DP Outlet: 230 volts

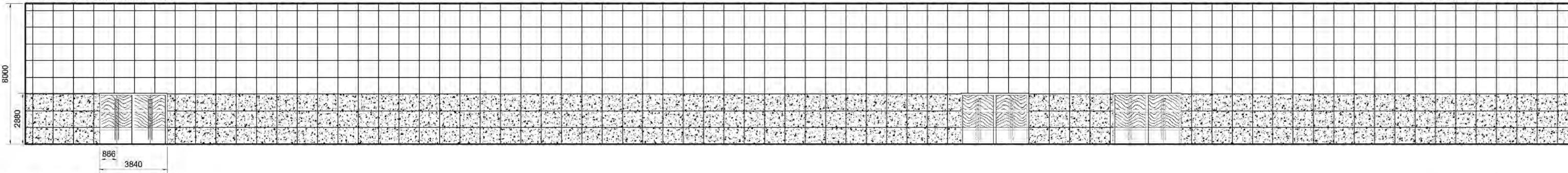
#### ELV Compartment

- Utility Pit: 600mm (L) x 600mm (W) x 725mm (H)
- Trench: 100mm (W) x 200mm (H)
- 1 x PVC water proofed enclosure
- 4 x twin telephone outlet
- 1 x spare outlet complete with ten pairs of telephone cables
- Microphone outlets at every second utility pit

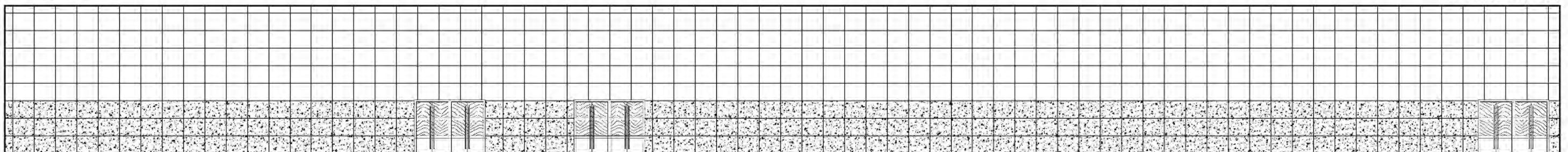


### 3. Door Dimensions

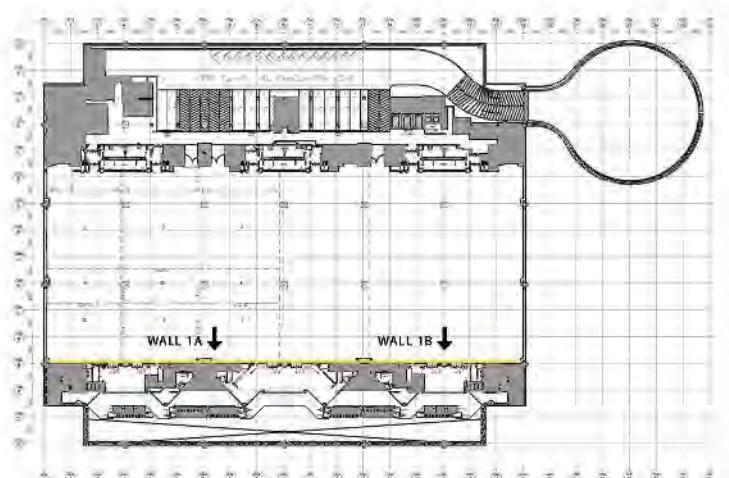
**WALL 1A**  
ENTRANCE TO HALL 403



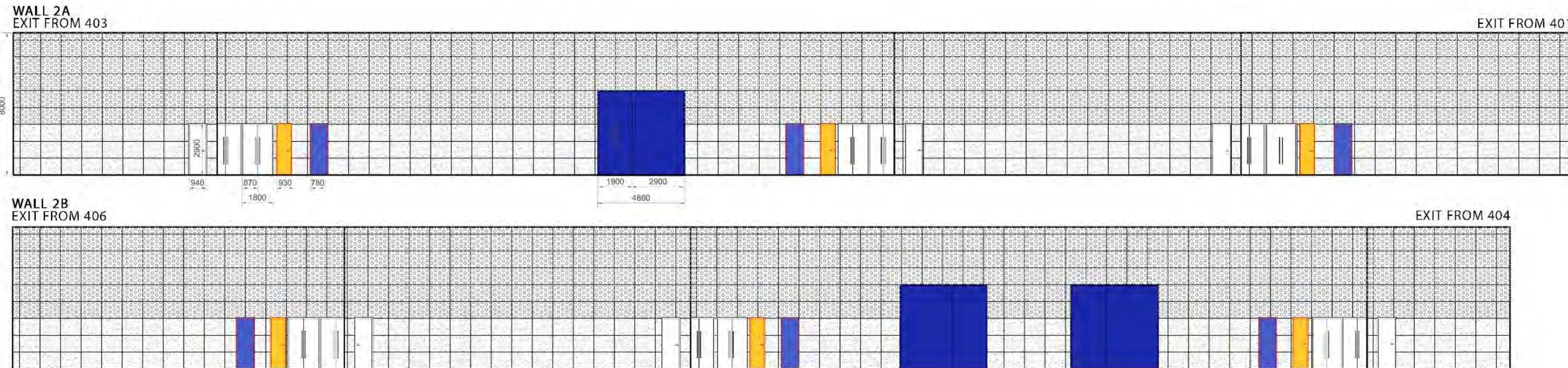
**WALL 1B**  
ENTRANCE TO 406



Scale 1:220



## 4. M&E Risers Specifications & Layout



Scale 1:220

### M&E Risers Specifications

#### Electrical Riser

- 1 x 100A TPN Isolator
- 1 x 200A TPN Isolator
- 1 x 300A TPN Isolator
- 1 x 400A TPN Isolator
- 1 x 13A SPN Socket Outlet

#### Mechanical Riser

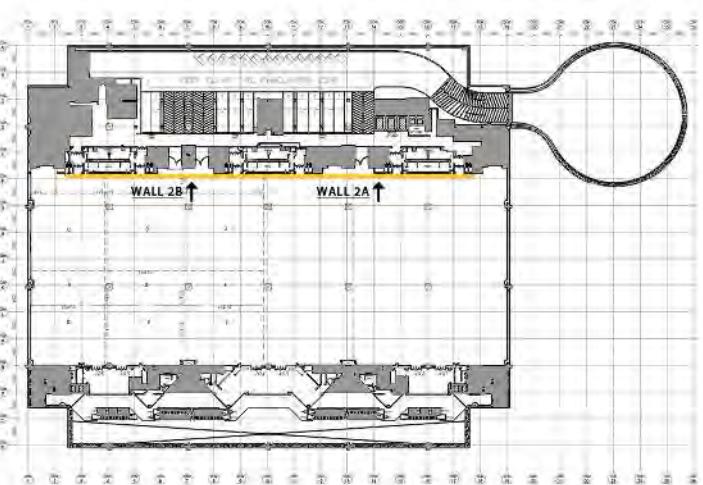
- Fume Extraction:**
- 1 x Fume exhaust main duct
  - 2 x tee-off points per hall, one at the high level and one at the low level
  - 0.1m<sup>3</sup>/s (211 CFM) of fume per tee-off point
  - Total fume extraction rate for hall will be 1.2m<sup>3</sup>/s

#### Auxiliary Cooling Water:

- 2 x 65mm (2<sup>17/32</sup>) diameter auxiliary cooling water supply and return pipes with low level tee-off points at each hall
- Water Supply Pressure: 1-2 bar (14.5-29 psi)
- Water Supply Temperature: 32°C (89.6F)
- Total Cooling Capacity: 200TR at 37°C (98.6F)
- Water return temperature total water supply: 33.5L/s

#### Legend:

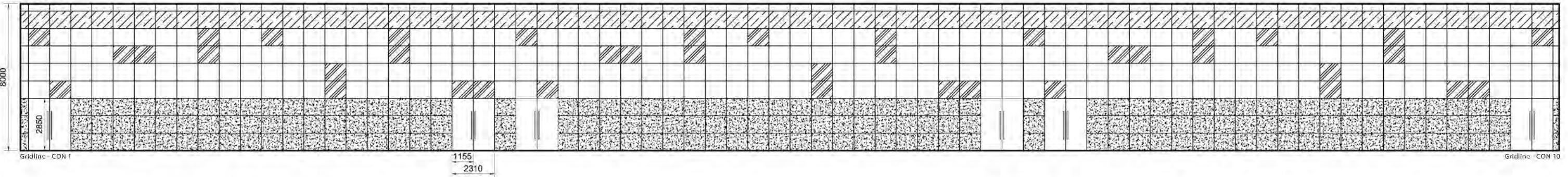
- Freight Doors
- Mechanical Risers
- Electrical Risers



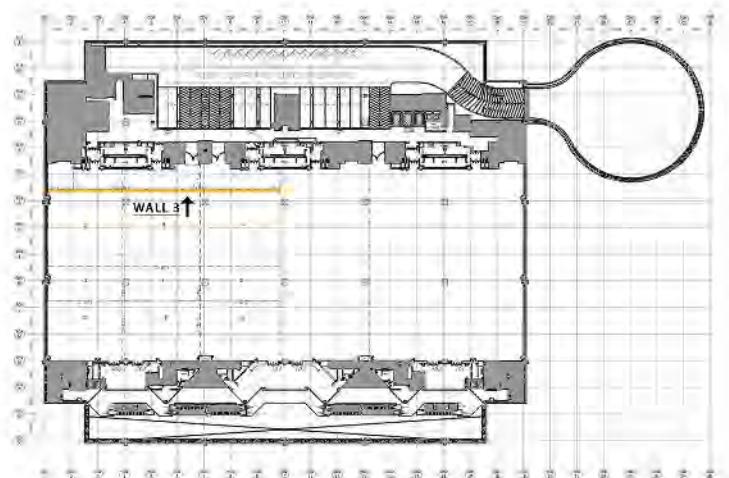
## 5. Operable Wall Specifications & Layout

**WALL 3**  
406-C

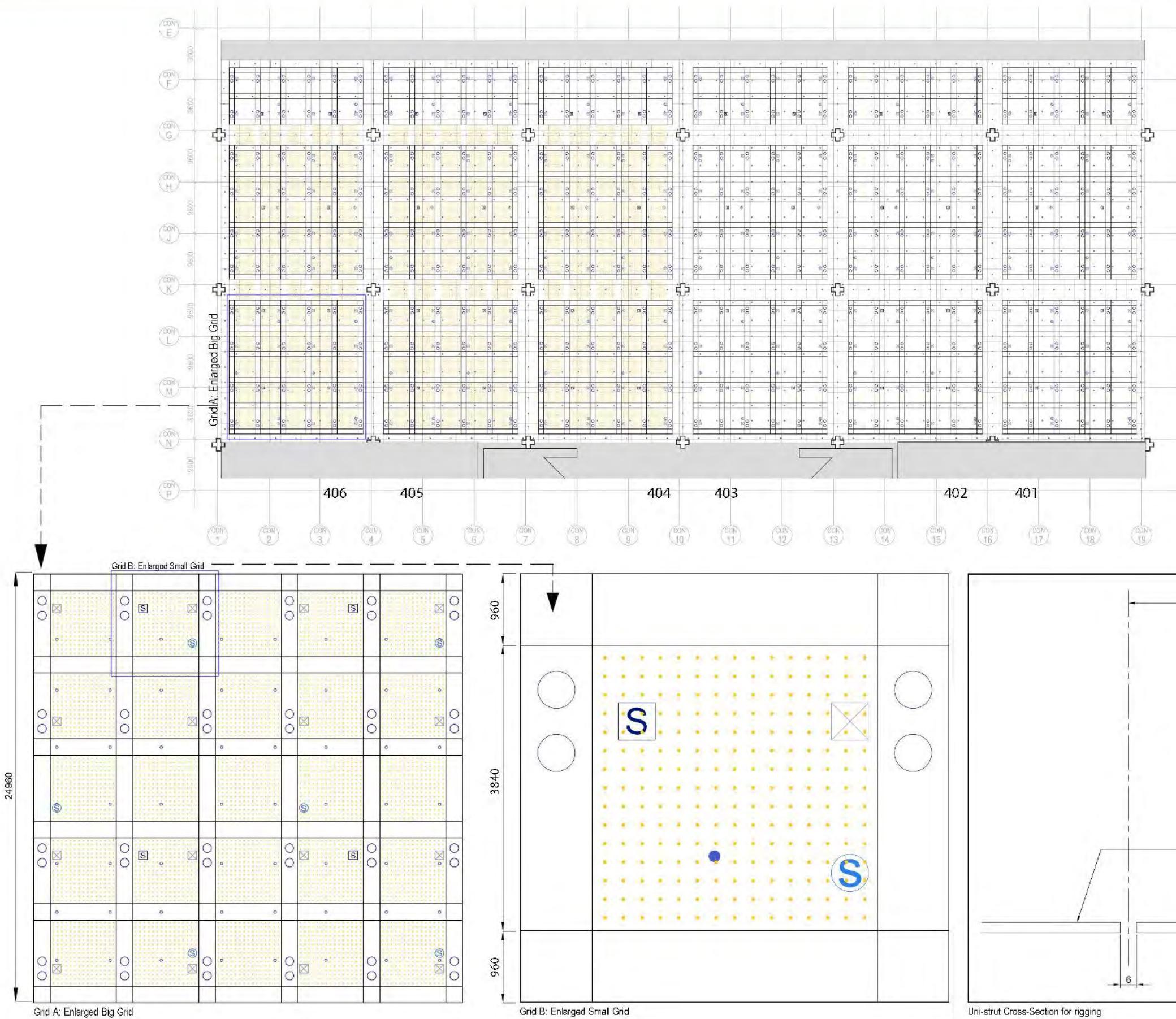
404-A



Scale 1:220  
Soundproofing specifications for operable wall: 55dB



## 6. Reflected Ceiling & Lighting Plan



### Rigging and Lighting Specifications

#### Loading Specifications on \*Rigging System:

- 401-403: 450Kg/m
- 404-406: 250Kg/m

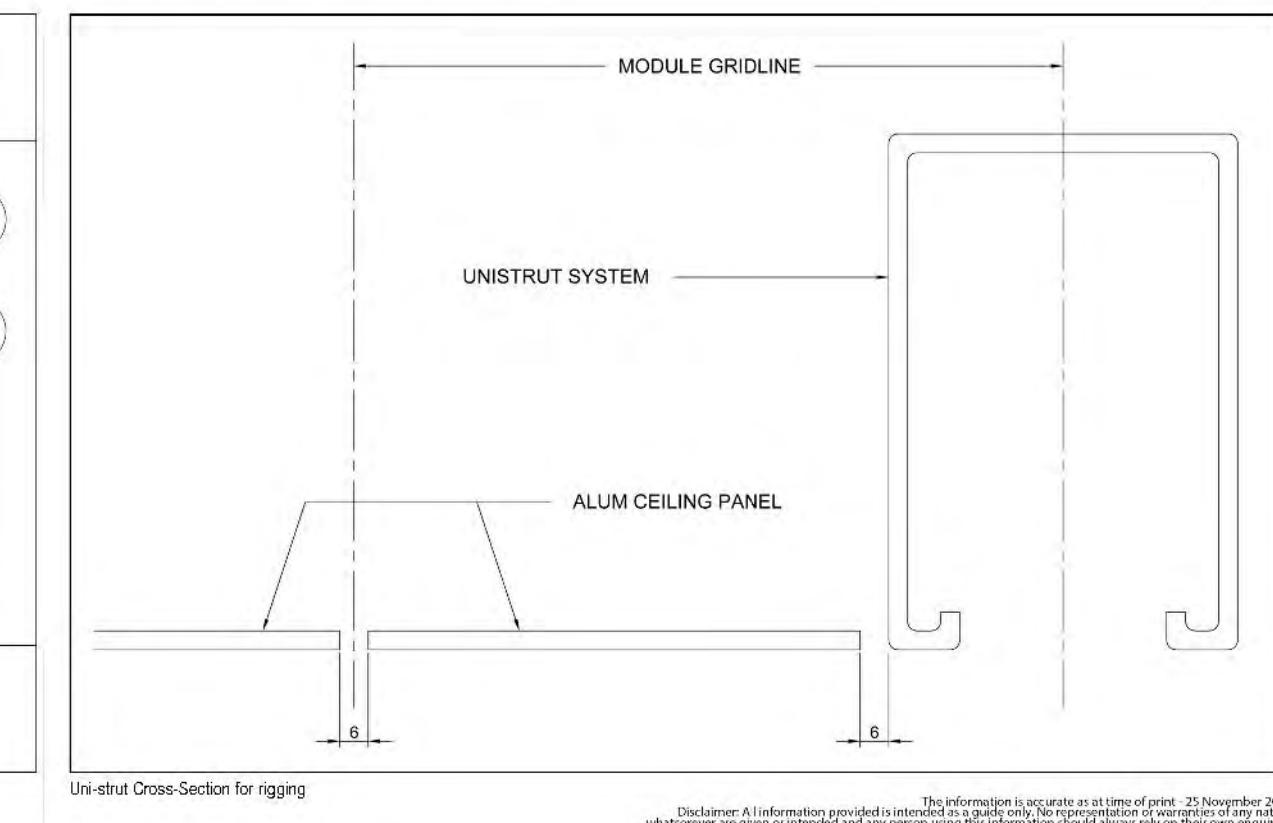
#### Lighting Lux Level:

- (TBC)

\* Rigging works on the uni-strut system can only be done via Suntec's approved supplier.

### Lighting Legend

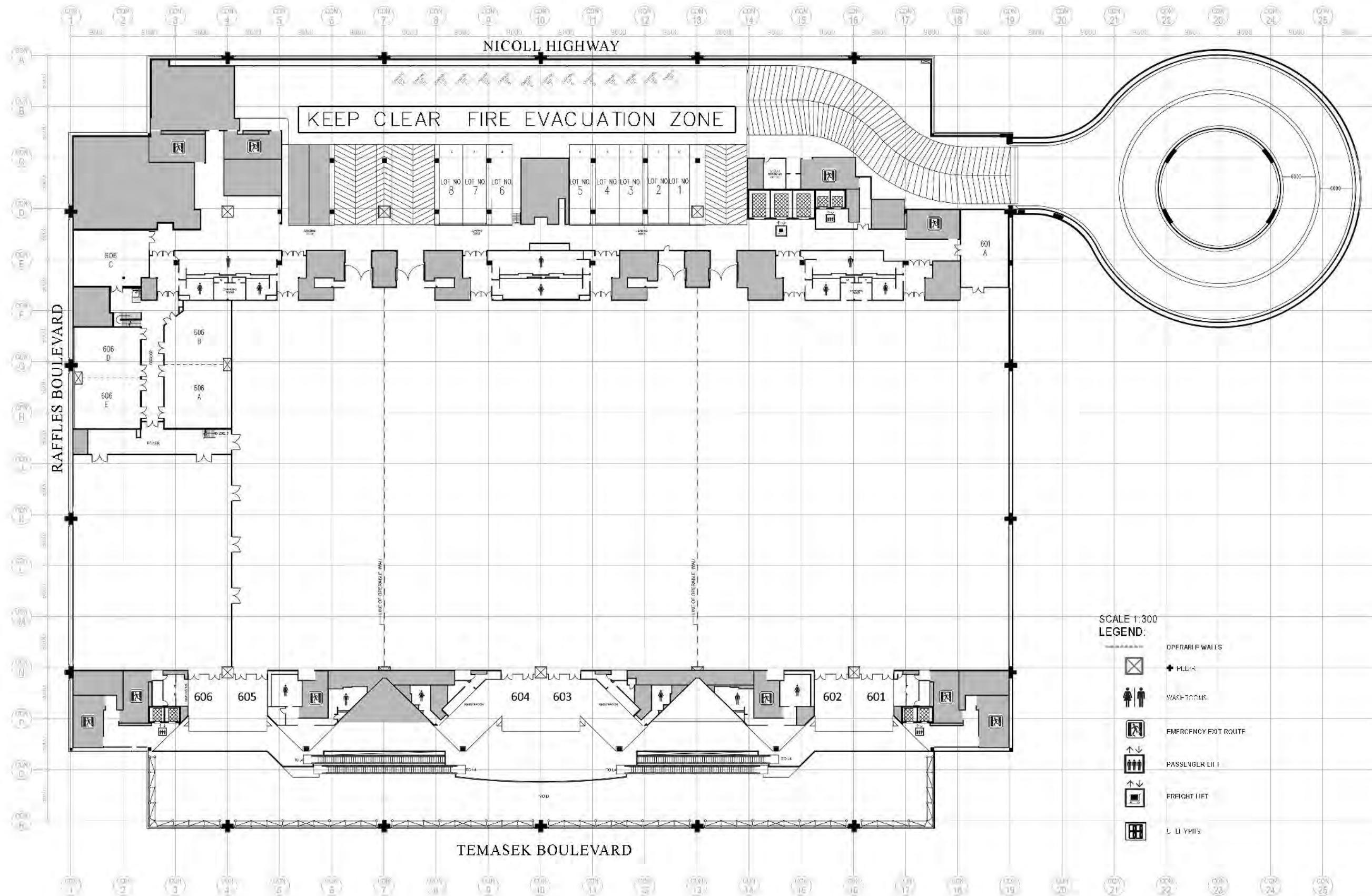
- SPRINKLERS**
- DOWNLIGHTS**
- LED LIGHTINGS**
- THEATRICAL SPEAKERS**
- SPEAKERS /PUBLIC ADDRESS**
- SUPPLY AIR CRILES**

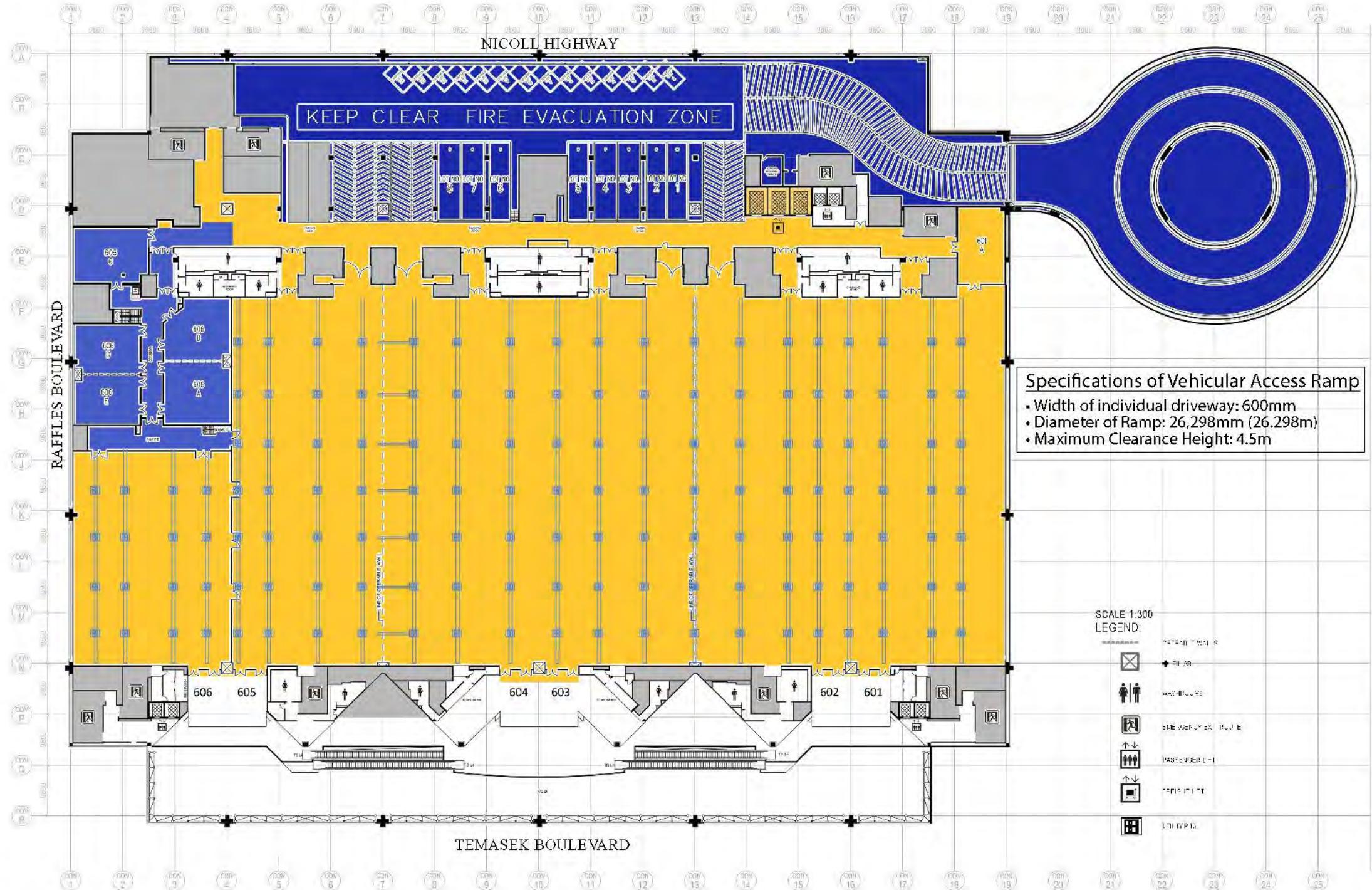


1. General Floor Plan
2. Loading & Utility Pits Specifications Plan
3. Door Dimensions (I)
4. Door Dimensions (II)
5. Mechanical & Electrical Risers Specifications & Layout
6. Truss System Specifications & Layout
7. Reflected Ceiling & Lighting Plan



# 1. General Floor Plan





### FLOOR LOAD CAPACITY

<b>Floor Load Capacity: 5.0 KN/m<sup>2</sup> (100lb/sq ft)</b>
* If the area is required to be carpeted, the carpet tiles will be laid before the moving-in.
<b>Floor Load Capacity: 17.5 KN/m<sup>2</sup> (350lb/sq ft)</b>
<ul style="list-style-type: none"> <li>• Container Vehicular Ramp: 10.0KN/m<sup>2</sup> (200lb/sq ft)</li> <li>• Loading &amp; Unloading Bays: 10.0KN/m<sup>2</sup> (200lb/sq ft)</li> <li>• Service Vehicle Lots: 10.0KN/m<sup>2</sup> (200lb/sq ft)</li> </ul>

### TECHNICAL SPECIFICATIONS FOR FREIGHT ELEVATORS

- System: Traction
- Speed: 0.5m/s (1.64 Ft/s)
- Capacity: 7,000kg/7 tonnes (15,400 lbs)
- Level Served: Basement 1, Level 2 to 4 & Level 6 (2 elevators)  
Basement 2 to Level 4 & Level 6 (1 elevator)
- Interior Dimensions: 2.5m (W) x 4.35m (D) x 3.1m (H)  
[8.2ft (W) x 14.3ft (D) x 10.2ft (H)]
- Door Size: 2.5m (W) x 2.8m (H) [8.2ft (W) x 9.2ft (H)]

### UTILITY PIT & TRENCH SYSTEM

#### Wet Compartment

- Utility Pit: 600mm (L) x 600mm (W) x 725mm (H)
- Trench: 175mm (W) x 200mm (H)
- 1 x 25mm (1") diameter water outlet at 2-3 bar pressure (29~43.5 psi). Total water supply to the Hall will be 9 L/S (118GPM).
- 1 X 25mm diameter hosereel water supply outlet is located between gridline J & K for the installation of temporary hosereels to satisfy FSSD requirements.
- 1 x 100mm diameter floor drain (2")
- 1 x 100mm diameter drain point (2")
- 1 x 20mm diameter compressed air outlet at 4-6 bar pressure. The maximum total air supply will be 150 L/S for the Hall, (25/32") (58-87 psi), (317 CFM).

SCALE 1:300  
LEGEND:

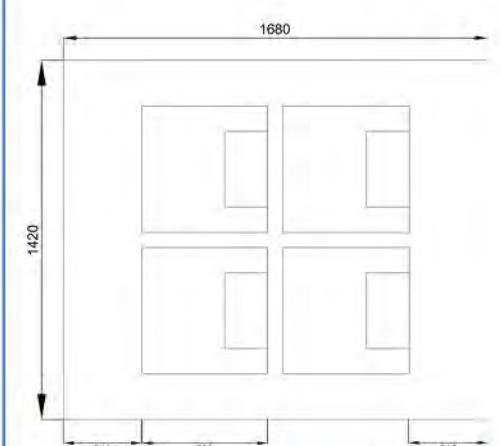


#### Electric Compartment

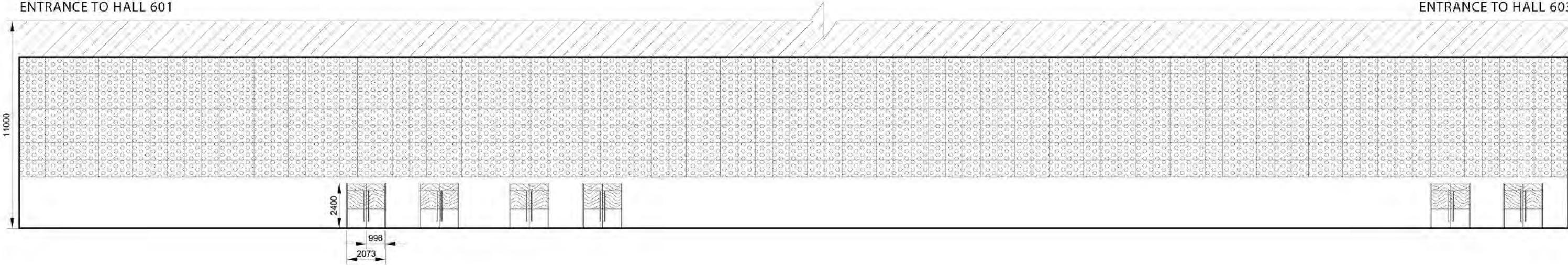
- Utility Pit: 850mm (L) x 1300mm (W) x 725mm (H)
- Trench: 275mm (W) x 200mm (H)
- 2 x 60 Amp TPN Outlets: 400 volts
- 2 x 30 Amp TPN Outlets: 400 volts
- 1 x 30 Amp DP Outlet: 230 volts

#### ELV Compartment

- Utility Pit: 600mm (L) x 600mm (W) x 725mm (H)
- Trench: 100mm (W) x 200mm (H)
- 1 x PVC water proofed enclosure
- 4 x twin telephone outlet
- 1 x spare outlet complete with ten pairs of telephone cables
- Microphone outlets at every second utility pit

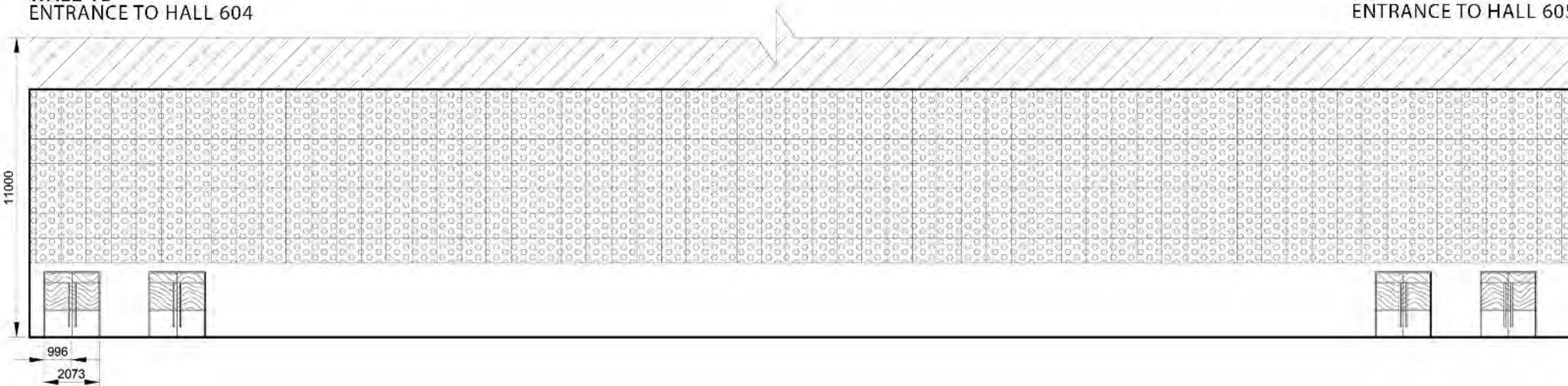


**WALL 1A**  
ENTRANCE TO HALL 601



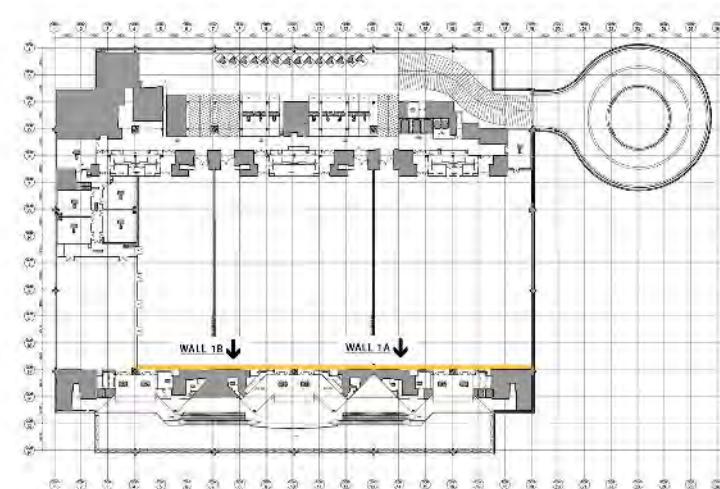
ENTRANCE TO HALL 603

**WALL 1B**  
ENTRANCE TO HALL 604

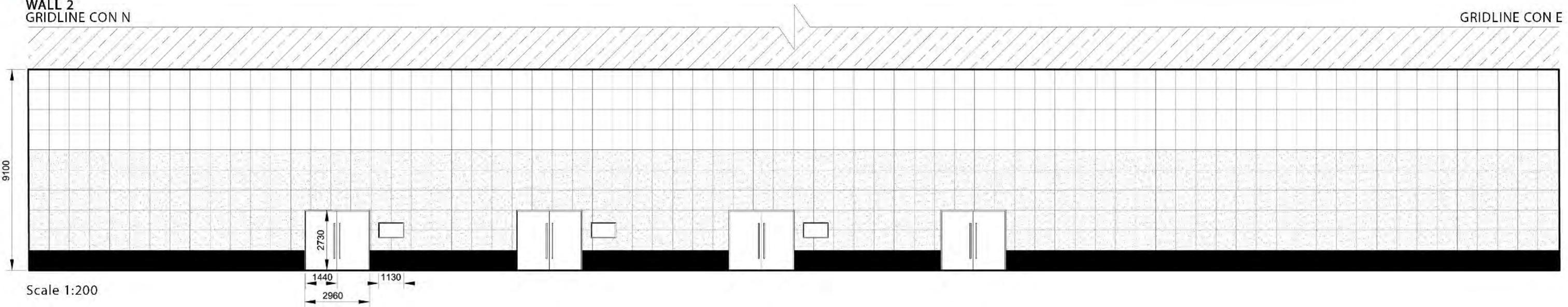


ENTRANCE TO HALL 605

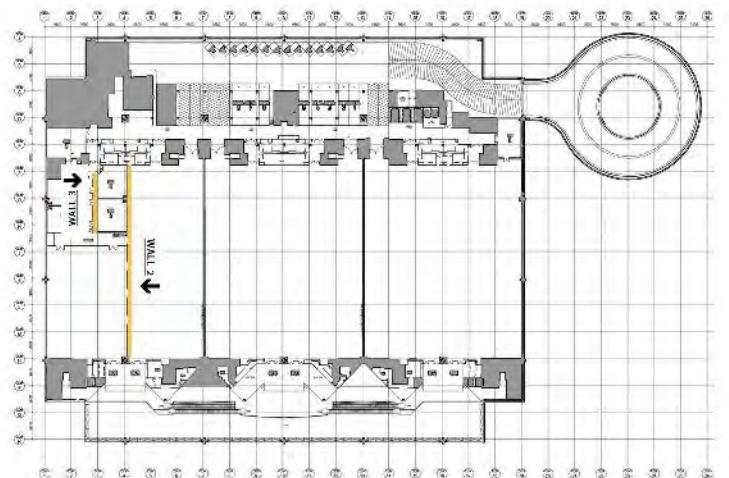
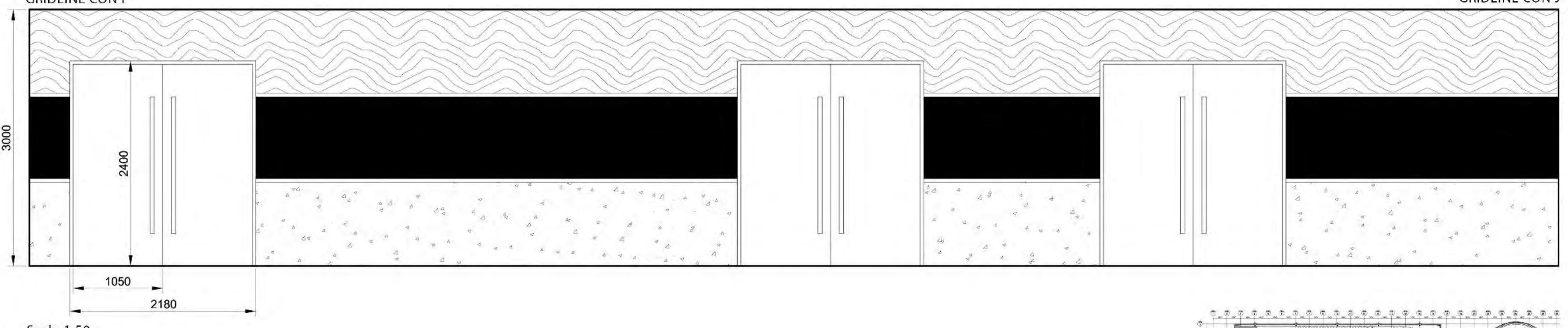
Scale 1:220



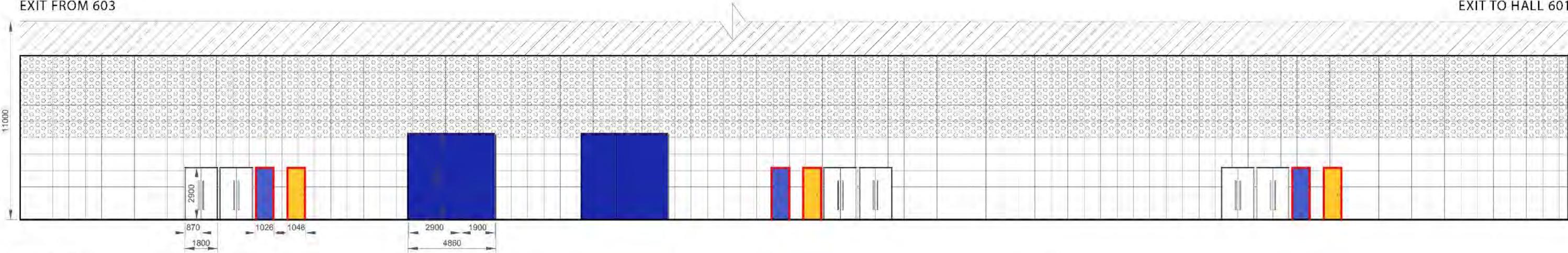
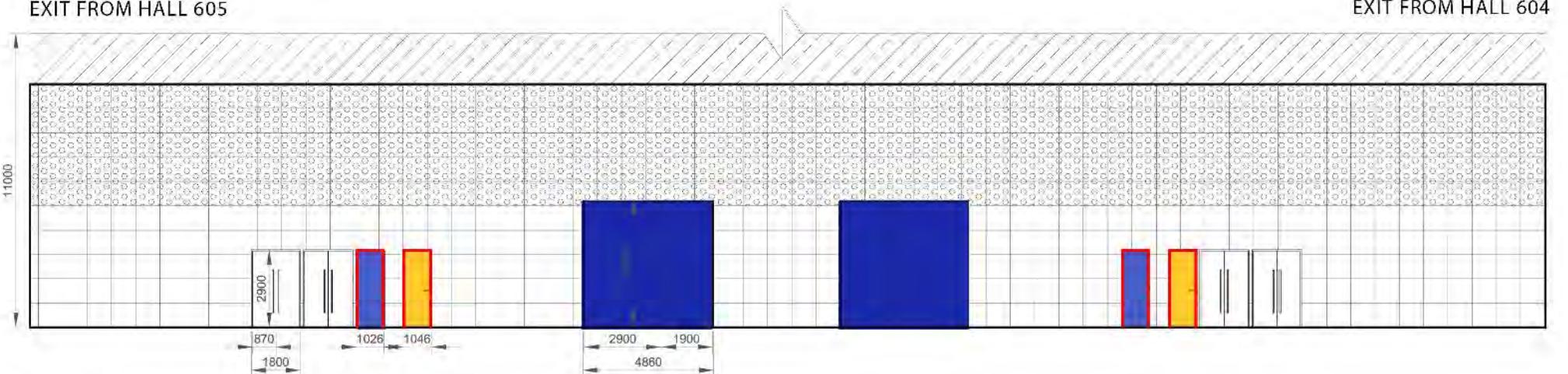
**WALL 2**  
GRIDLINE CON N



**WALL 3**  
GRIDLINE CON F



# 5. M&E Riser Specifications & Layout

 WALL 4A  
 EXIT FROM 603

 WALL 4B  
 EXIT FROM HALL 605


Scale 1:220

## M&E Risers Specifications

### Electrical Riser

- 1 x 100A TPN Isolator
- 1 x 200A TPN Isolator
- 1 x 300A TPN Isolator
- 1 x 400A TPN Isolator
- 1 x 13A SPN Socket Outlet

### Mechanical Riser

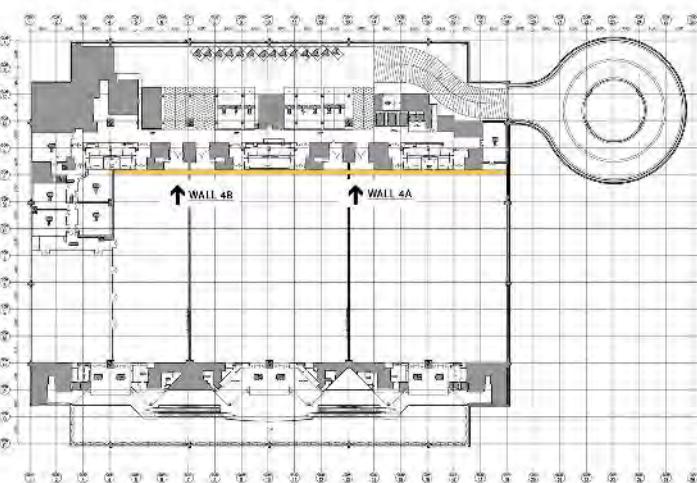
- Fume Extraction:**
- 1 x Fume exhaust main duct
  - 2 x tee-off points per hall, one at the high level and one at the low level
  - 0.1m<sup>3</sup>/s (211 CFM) of fume per tee-off point
  - Total fume extraction rate for hall will be 1.2m<sup>3</sup>/s (2500 CFM)

### Auxiliary Cooling Water:

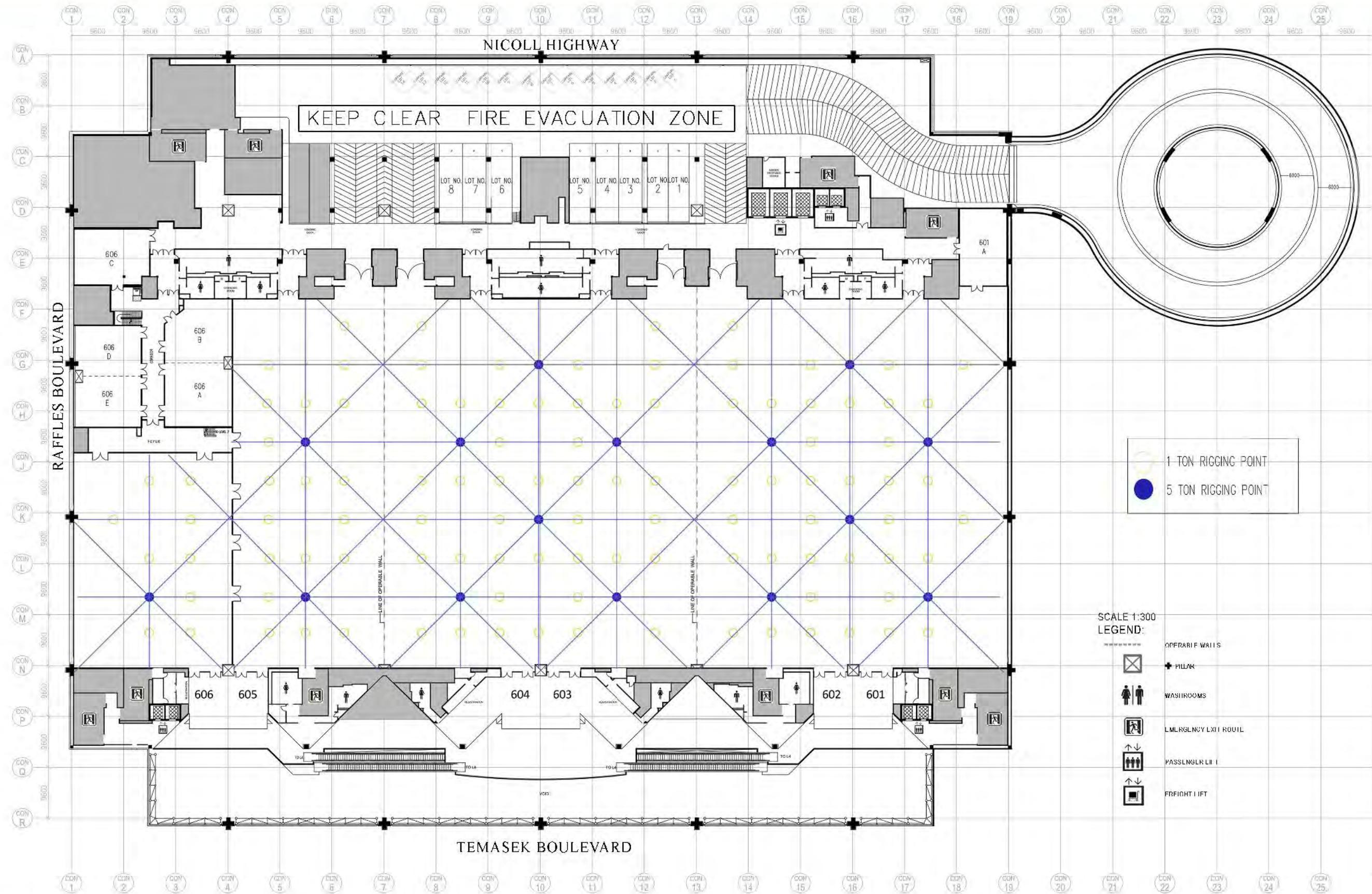
- 2 x 65mm (2<sup>17</sup>/<sub>32</sub>) diameter auxiliary cooling water supply and return pipes with low level tee-off points at each hall
- Water Supply Pressure: 1-2 bar (14.5-29 psi)
- Water Supply Temperature: 32°C (89.6F)
- Total Cooling Capacity: 200TR at 37°C (98.6F)
- Water return temperature total water supply: 33.5L/s

### Legend:

- Freight Doors
- Mechanical Risers
- Electrical Risers

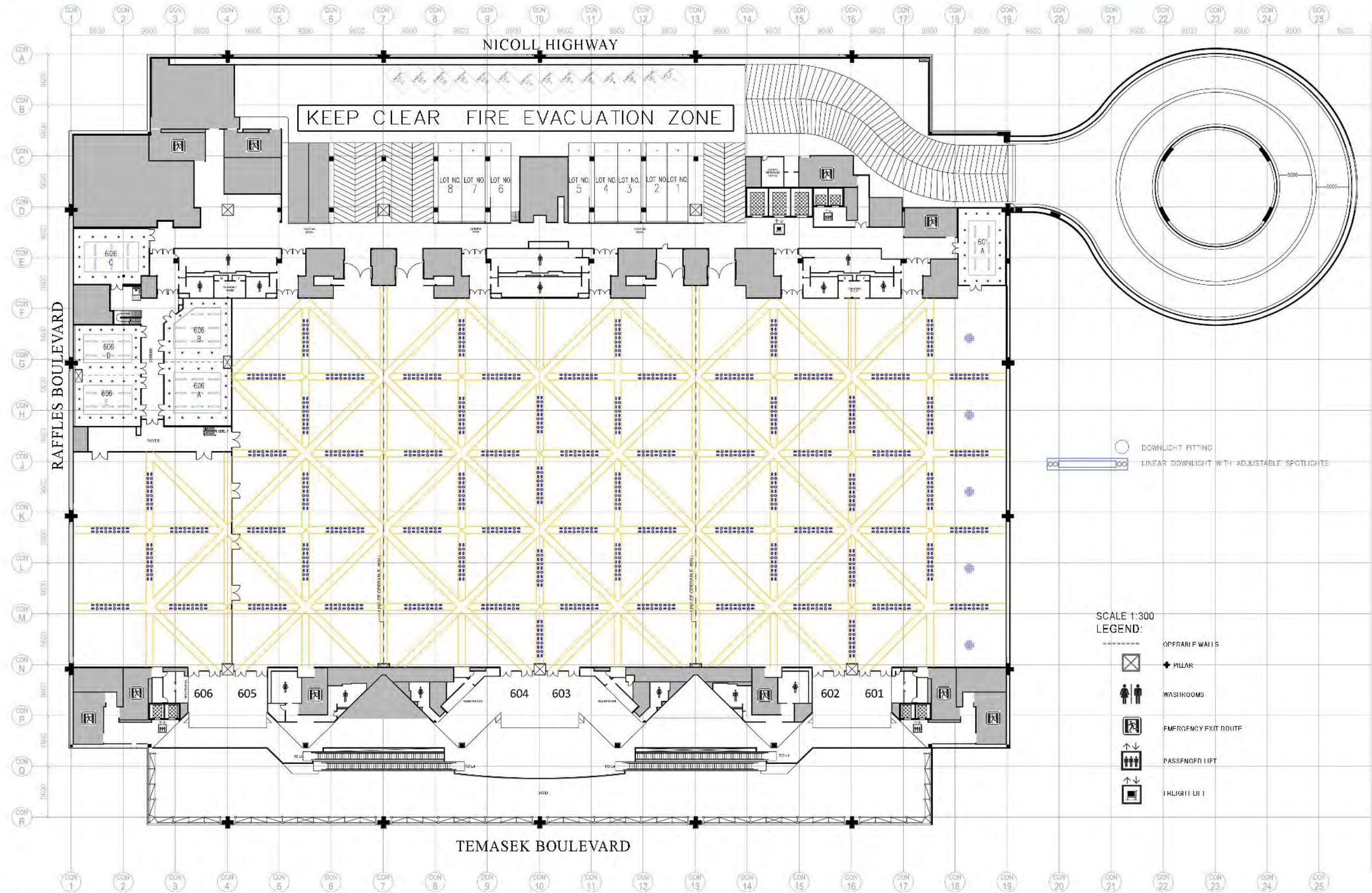


## 6. Truss System Specifications & Layout



Scale 1:600

## 7. Reflected Ceiling & Lighting Plan

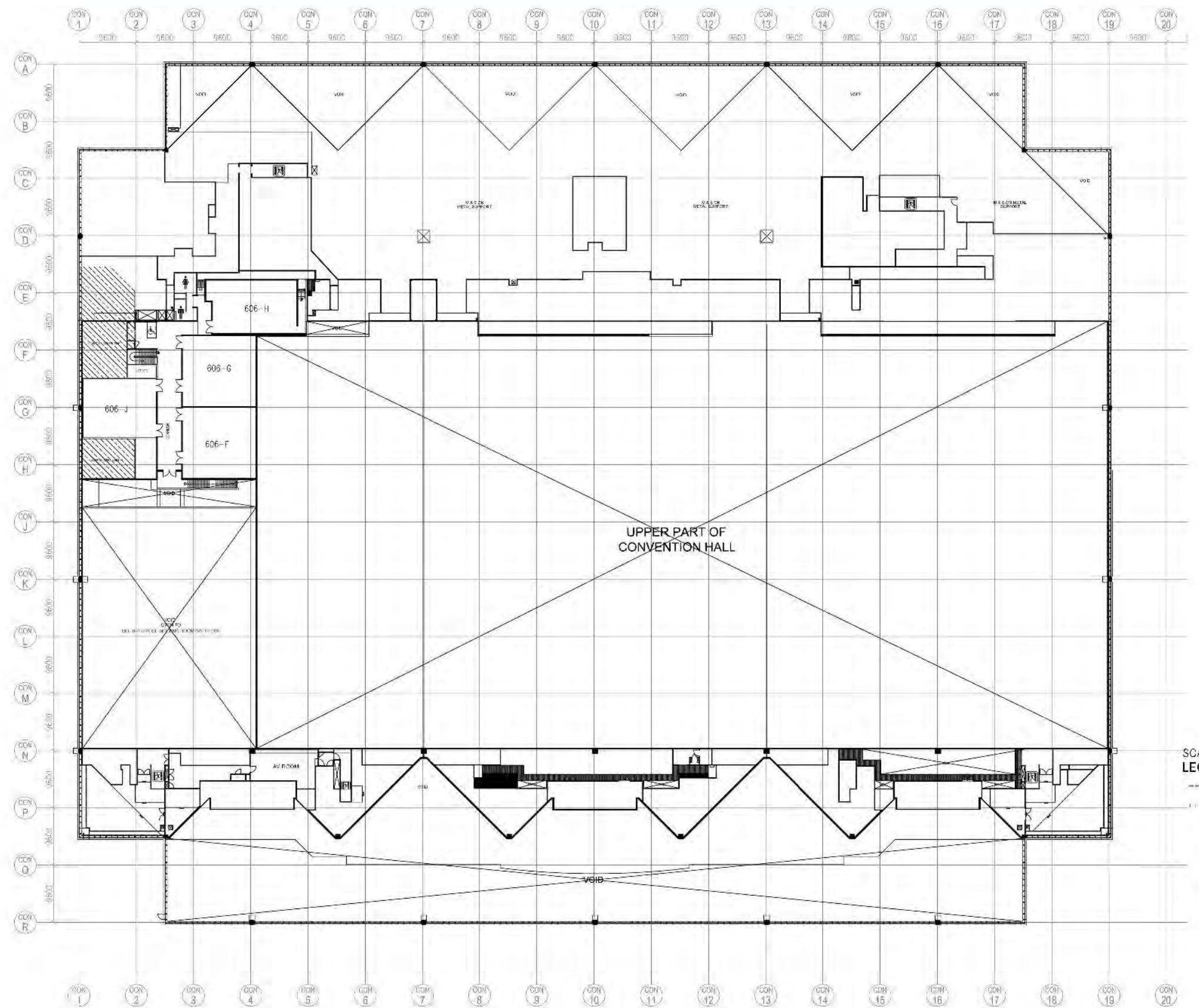


Scale 1:650

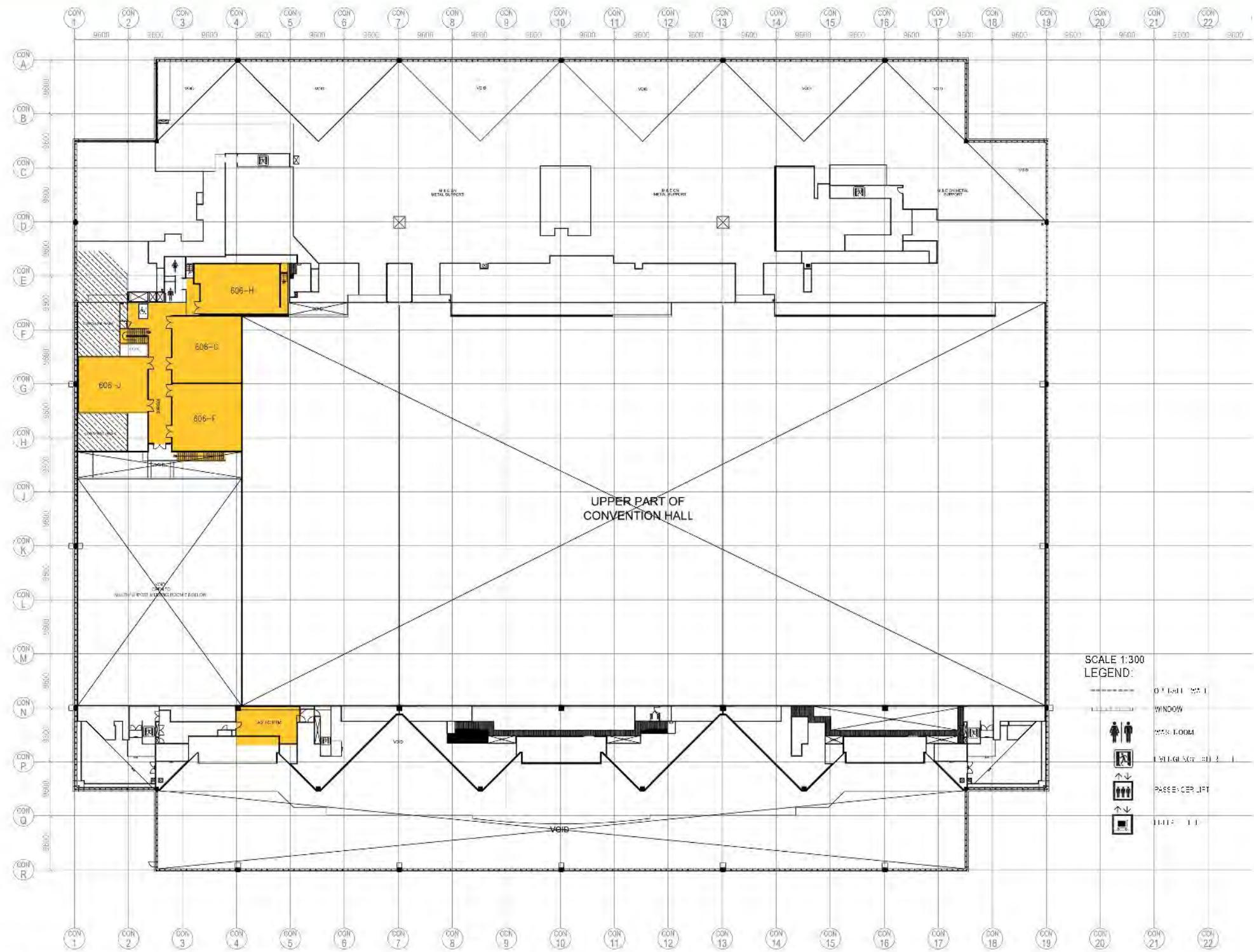
1. General Floor Plan
2. Floor & Loading Specifications Plan
3. Door Dimensions
4. Reflected Ceiling & Lighting Plan



# 1. General Floor Plan



## 2. Floor & Loading Specifications



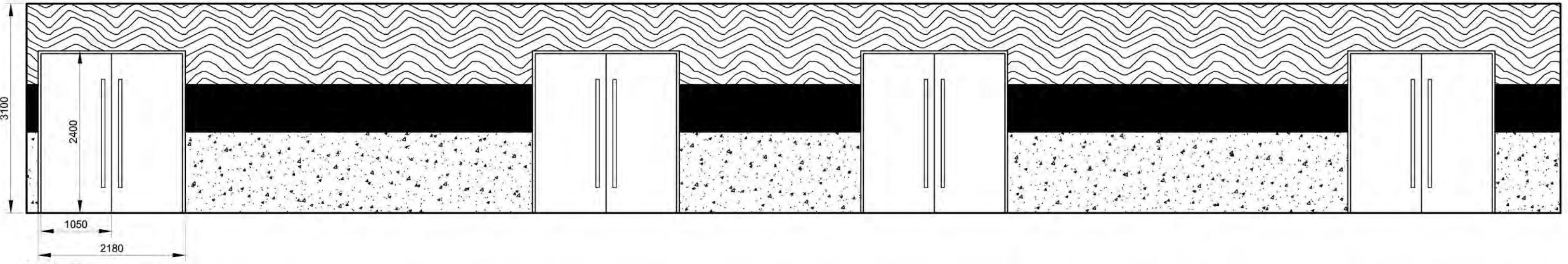
### FLOOR SPECIFICATIONS

- All rooms and foyers are carpeted.

### FLOOR LOAD CAPACITY

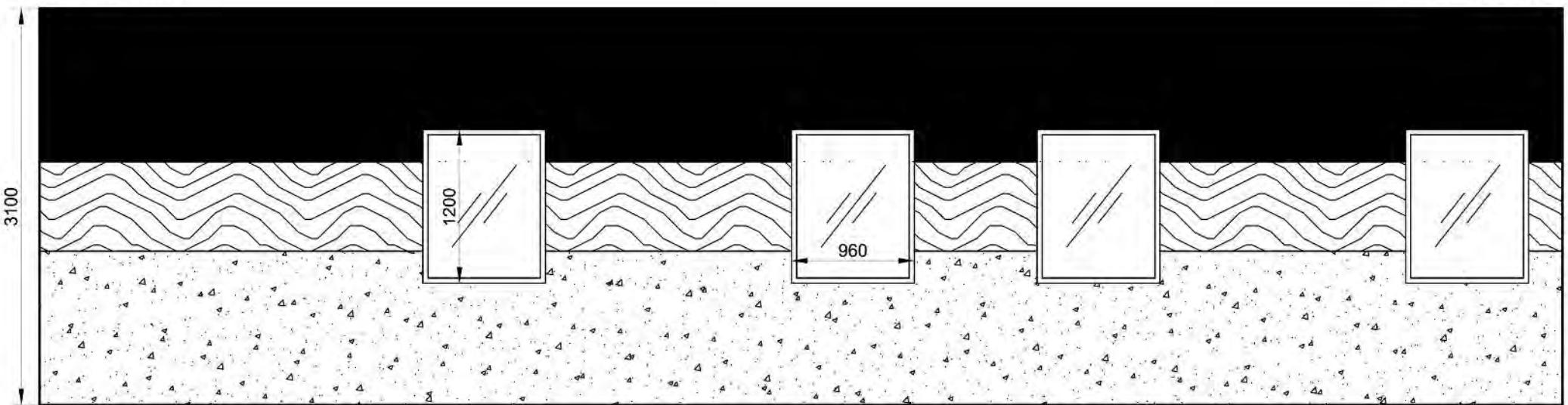
 Floor Load Capacity: 3.0 KN/m<sup>2</sup> (62 lb/sq ft)

WALL 1  
GRIDLINE CON F



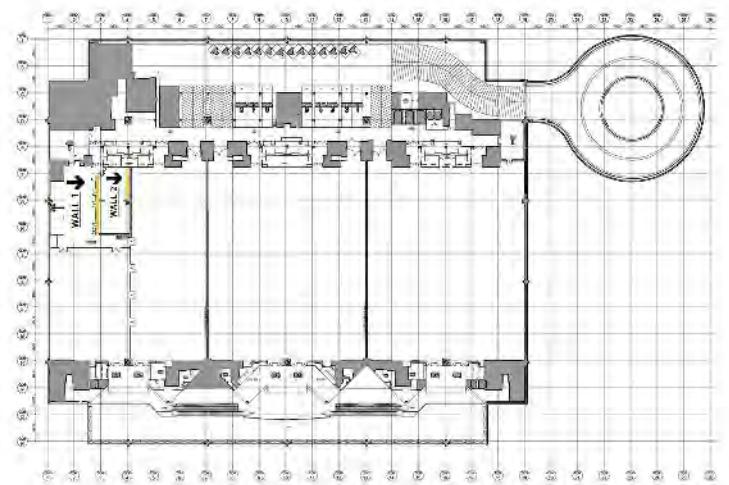
Scale 1:75

WALL 2  
GRIDLINE CON F

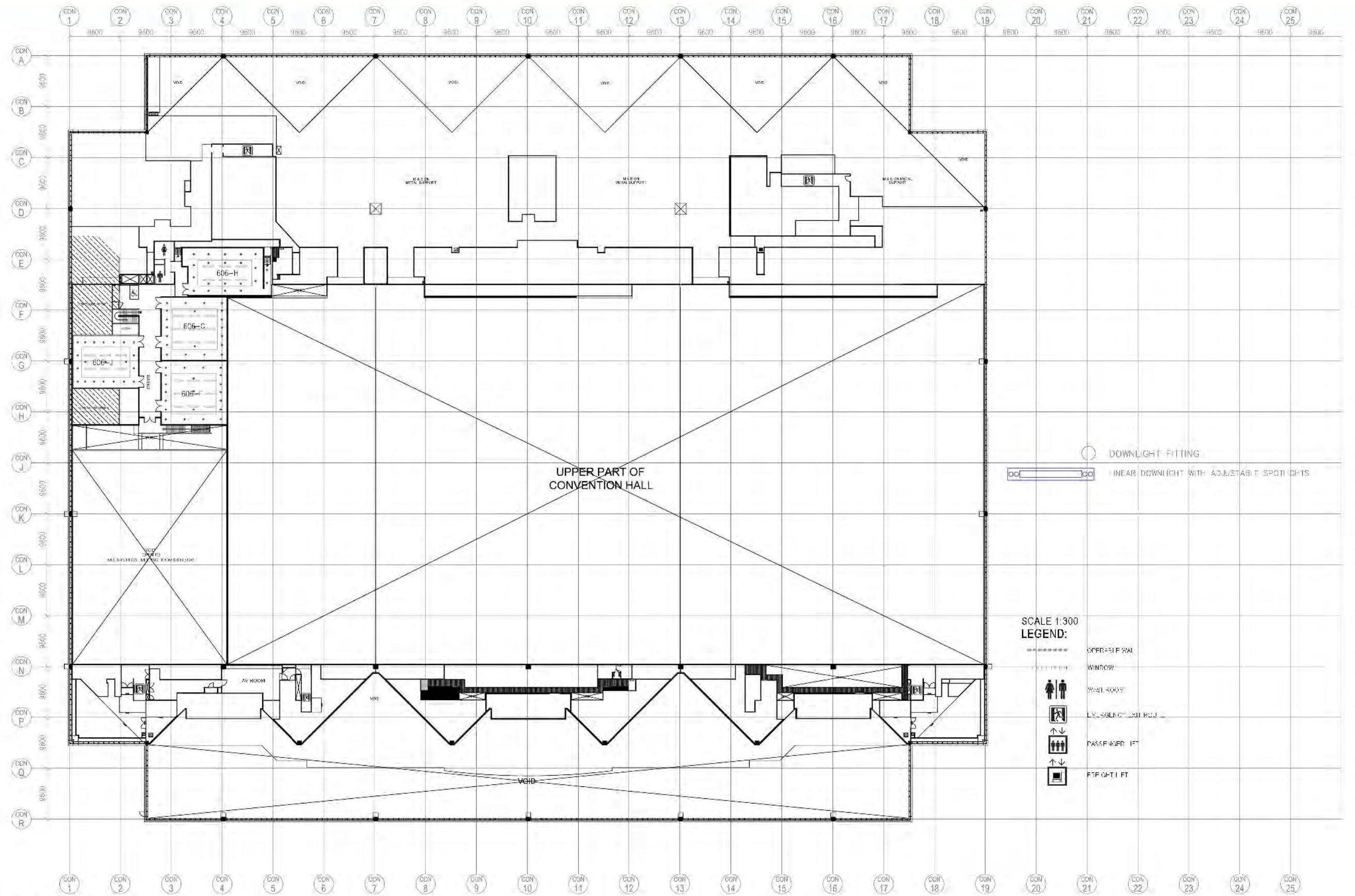


Scale 1:50

GRIDLINE CON G



## 4. Reflected Ceiling & Lighting Plan



Scale 1:650