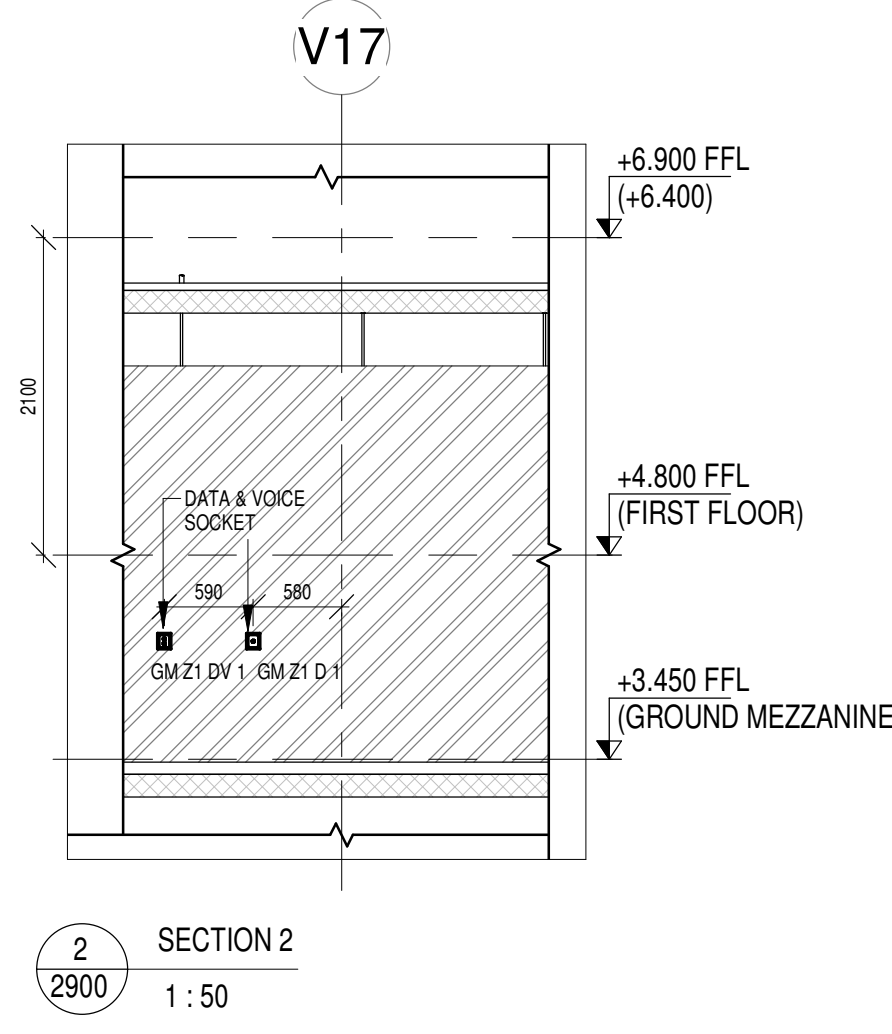
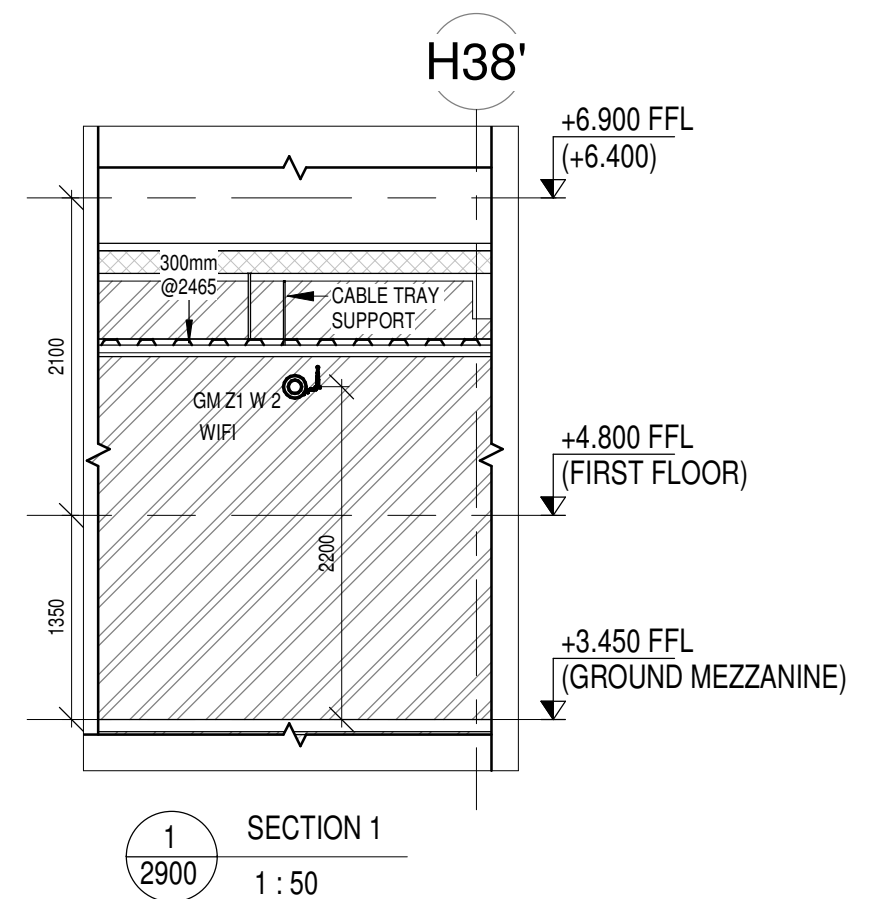
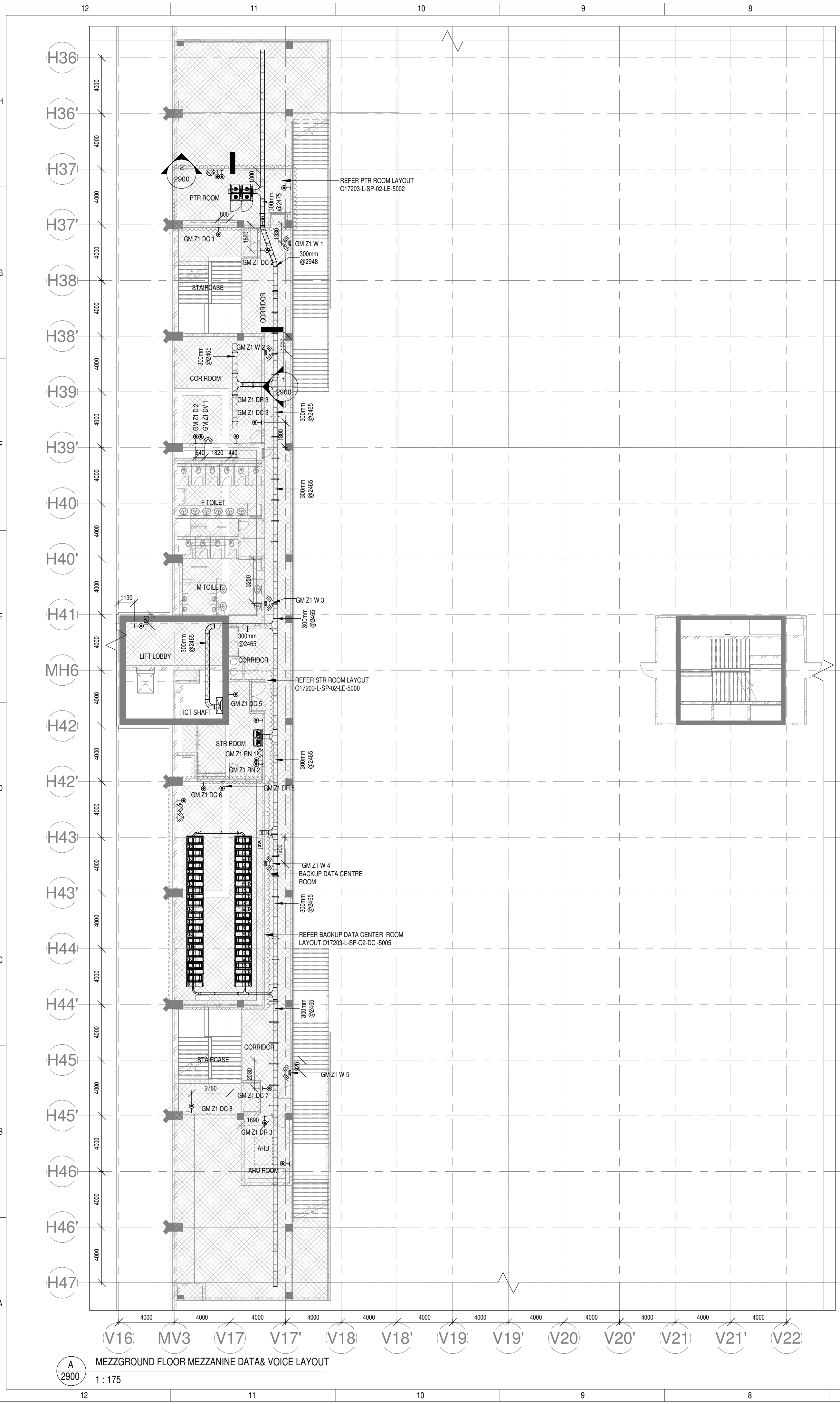


O17203 - L - SP - 02 - DV - 2900 Exhibition Hall 2 + Foyer Mezzanine Over All Data & Voice Layout



NOTES:

GENERAL

1. PVC CONDUITS SHALL BE CONCEALED IN WALL/CEILING IN NON-FALSE CEILING AREA.
2. SUSPENDED MS CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL.
3. ALL CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
4. PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
5. ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE GEM SHOP DRAWING.
6. THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT.
7. THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION.
8. A CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING.
9. A MINIMUM SEPARATION DISTANCE 300MM AND SHOULD BE KEPT PHYSICALLY BETWEEN LIGHT CURRENT CABLES AND MEDIUM VOLTAGE CABLES.
10. METALLIC PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT.
11. FOR DIGITAL SIGNAGE SYSTEM AV SYSTEM & BGM REFER AV SYSTEM LAYOUT.
12. REFER STAIRCASE ELECTRICAL LIGHTING LAYOUT FOR ELV EQUIPMENT'S LOCATIONS IN STAIRCASE.
13. ACCESS CONTROLLER TO BE PLACED ABOVE THE DOOR- SECURED SITE INACCESSIBLE FROM PUBLIC.

DATA & VOICE

1. 4 PAIR 23 AWG CAT6A UTP CABLE TO BE USED TO CONNECT RJ 45 DATA/VOICE SOCKETS TO JACK PANEL.
2. WHEREVER POWER AND LV CABLES ARE RUNNING IN PARALLEL, THEY SHALL BE SEPARATED BY A DISTANCE OF MINIMUM 300MM.
3. SERVICES AND MEP ROOMS CABLES FOR DATA & VOICE SHALL BE TAKEN FROM CEILING CONDUIT.
4. ALL WALL MOUNTED TELEPHONE/ DATA SOCKETS COULD BE ALIGNED AT A HEIGHT OF 750MM FROM FFL UNLESS AND OTHERWISE SPECIFIED SOCKETS ABOVE COUNTER SLABS TO BE MOUNTED AT A HEIGHT OF 900MM FROM FFL SOCKETS IN PLANT ROOMS TO BE MOUNTED AT A HEIGHT OF 900MM FOR ALL OTHER TELEPHONE AND DATA SOCKETS, THE LEVEL SHALL BE MAINTAINED AS PER FURNITURE LAYOUT AND ARCHITECTURAL CONCURRENCE AS PER SITE CONDITION.

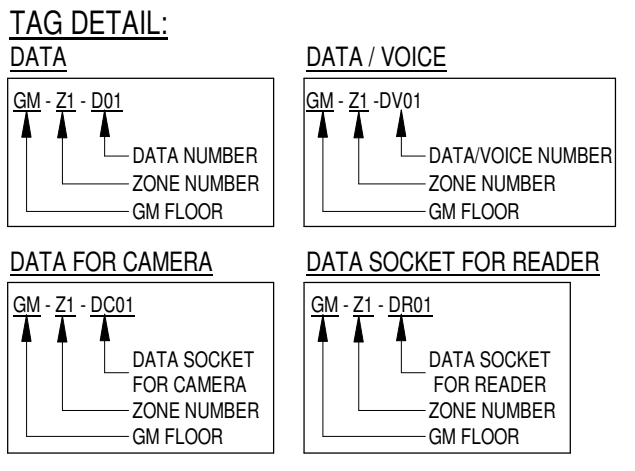
DAS

1. THE DAS SYSTEM FOR MOBILE CARRIERS WILL BE DONE AFTER SITE SURVEY BY SPECIALIST ONCE STRUCTURE IS READY AND EPCC WILL ENSURE THE DAS COVERAGE.

NOTE: WIFI ACCESS POINTS ARE INDICATIVE, THE WAP SHALL BE PLACED BASED IN FINAL SITE SURVEY BY VENDOR

LEGENDS:

SL NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1		DATA SOCKET	750 / 900mm ABOVE FFL AS FOR ARCHITECTURAL
2		WIFI-AP	WALL MOUNTED
3		VOICE SOCKET	750 / 900mm ABOVE FFL AS FOR ARCHITECTURAL



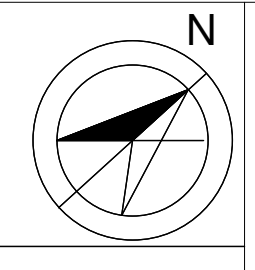
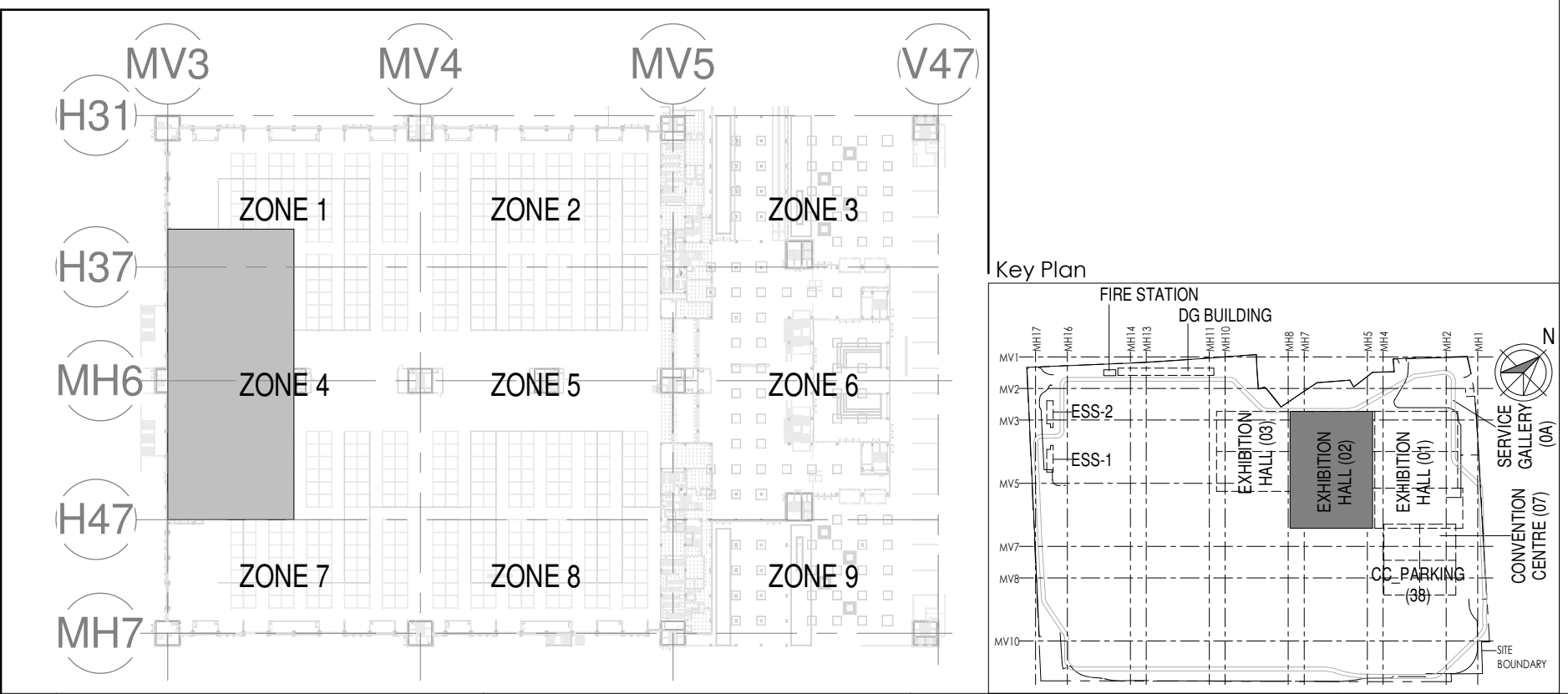
DV ABBREVIATION

V	- VOICE SOCKET
D	- DATA SOCKET
W	- WIFI
DC	- DATA SOCKET FOR CAMERA
DR	- DATA SOCKET FOR READER
DV	- DATA & VOICE

REFERENCE DRAWINGS:

DISCIPLINE	DRAWING NO
ARCHITECTURAL	O17203-A-SP-02-WD-0005
STRUCTURAL	O17203-C-SP-02-NU-0004,0005,0006,0007.
ELECTRICAL EQUIPMENT & CABLE TRAY LAYOUT	O17203-E-SP-02-EE-0090,0095
ELV	O17203-L-SP-02-DV-1900
HVAC	O17203-V-SP-02-VS-2001
FPS SCHEME	O17203-F-SP-02-PL-0013
FIRE ALARM SCHEME	O17203-F-SP-02-FA-0014
PHE	O17203-U-SP-02-IP-0004

ELV ZONE DEMARCATON



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Department of Industrial Policy and Promotion Ministry of Commerce & Industry Government of India

Knowledge Partner

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Employer's Engineer
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L&T Construction - Buildings & Factories

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ARCOP
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New Delhi, Delhi 110048, India

Structural Proof Consultant

Indian Institute of Technology (IIT) Madras
Sardar Patel Rd, Opposite to C. L.R.J. Adyar, Chennai,
Tamil Nadu 600036

MEP Proof Consultant

egis
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Plot No. 66, Sector 32, Institutional Area,
Opp. Zenith Solutions, Gurgaon,
Haryana 122001

ICT Proof Consultant

CCR
CCR Consulting Engineers Pvt. Ltd.
#47/1, 3rd Floor, Narayana Arcade,
Subbaramachetty Road, Velikuppala Circle,
Basavanagudi, Bengaluru - 560004

Certification

EPC Contractor

Design Consultant

Architectural Consultant

Proof Consultant

Structural	MEP	ICT

PEAC

Issued by:
Employer / Employer's Engineer

R0 ISSUED AS GOOD FOR CONSTRUCTION 24-08-2019 SP PSY MSK GNR

Revisions

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

EPC Contractor

L&T Construction
Buildings & Factories

JOB No : O17203

Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No
L 02 2900 R0

Rev. No

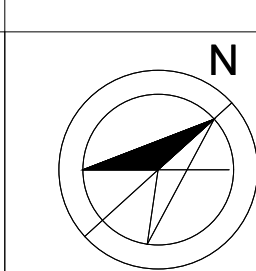
Title :
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer Mezzanine Over All Data & Voice Layout

EDRC DWG No :
O17203 - L - SP - 02 - DV - 2900

Scale
As indicated

Sheet Size
A1

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Employer's Engineer
Programme Management Consultant (PMC)

AECOM

Preliminary Engineering Architecture Consultants (PEAC)

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L&T Construction - Buildings & Factories

Architectural Consultant

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Indian Institute of Technology (IIT) Madras
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egis Egis India Consulting Engineers Pvt. Ltd.
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ICT Proof Consultant

CKR CKR Consulting Engineers Pvt. Ltd.
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Certification

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Architectural Consultant

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R0	RELEASED AS GOOD FOR CONSTRUCTION	28-08-2019	PSN/SP	KM	MSK	GMR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
Revisions						
ARCHITECTURE			FPS			
STRUCTURAL			PIPING	-	-	
ELECTRICAL			PHE			
ELV SYSTEM	-	-	GIS	-	-	
HVAC			GEOTECH.	-	-	
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE	

EPC Contractor

L&T Construction
Buildings & Factories

JOB No : O17203

Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

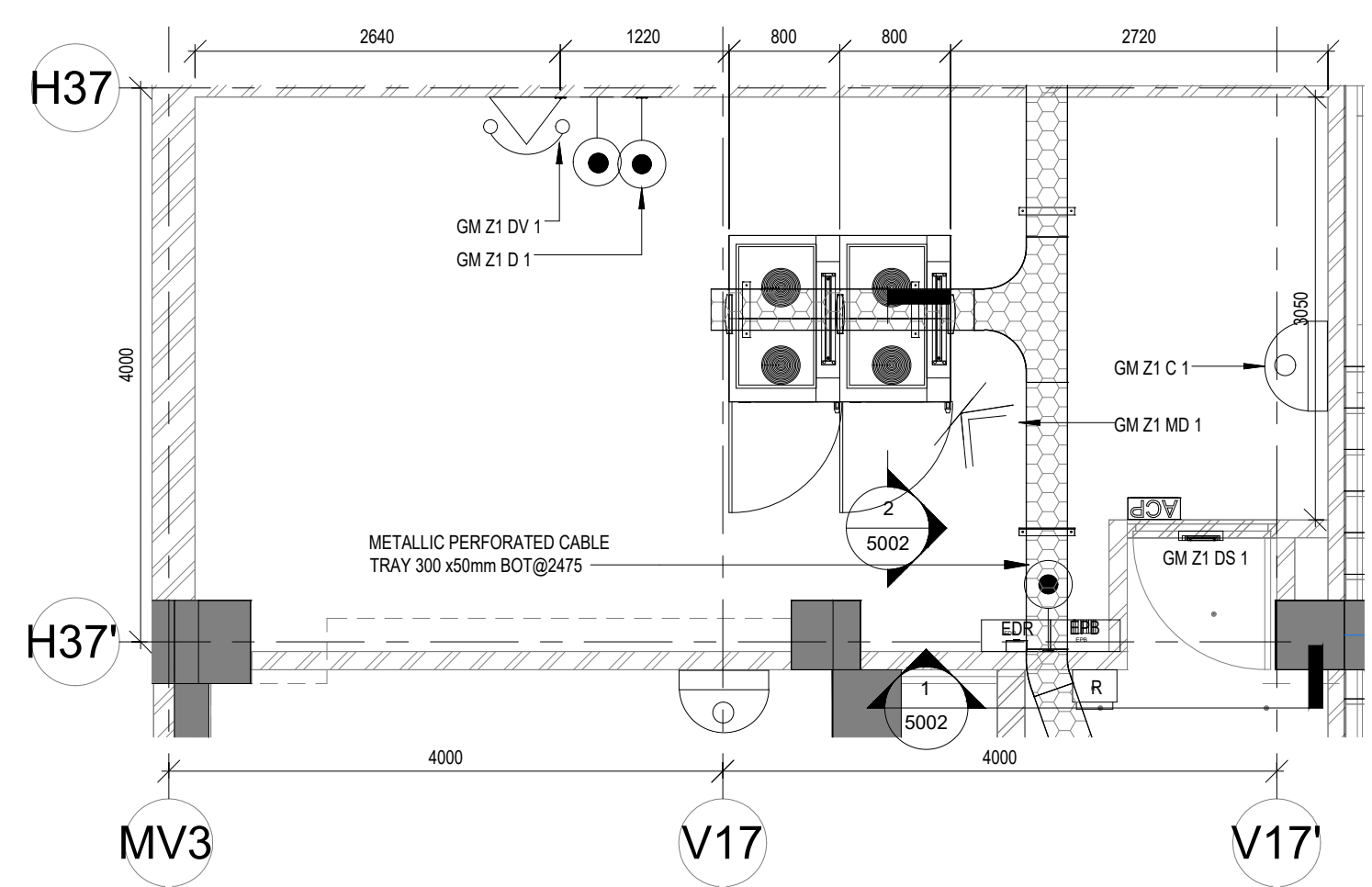
Drawing No
L 02 5002 R0

Title :
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer PTR rooms Layout

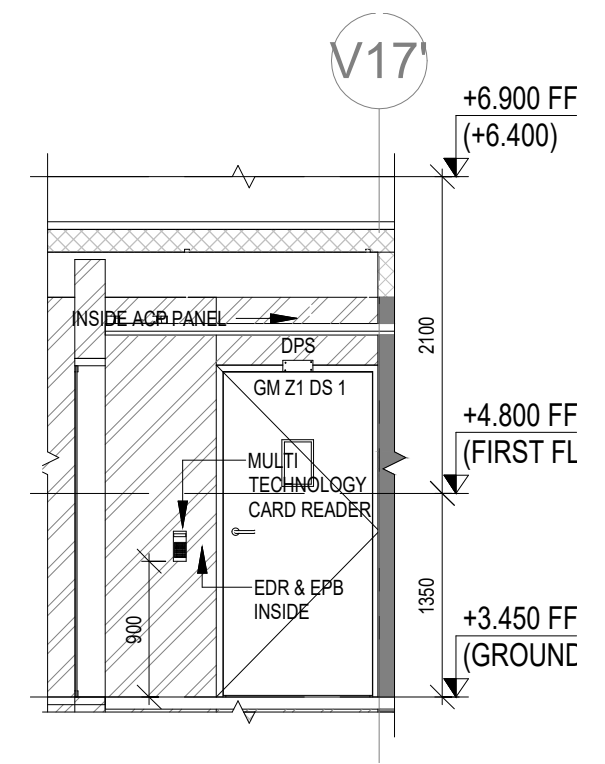
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O17203 - L - SP - 02 - LE - 5002

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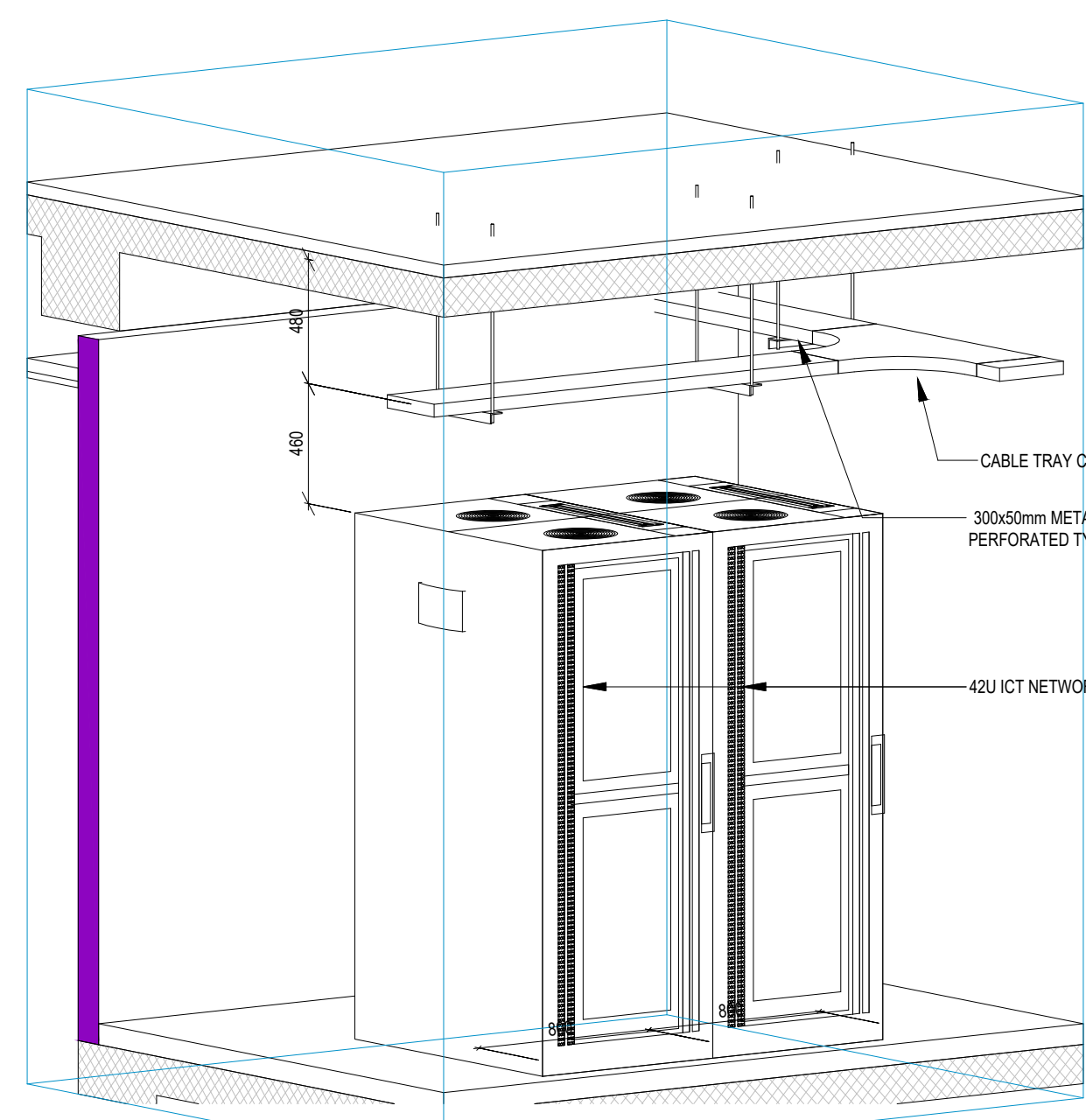
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A 5002 PTR ROOM LAYOUT
1 : 50



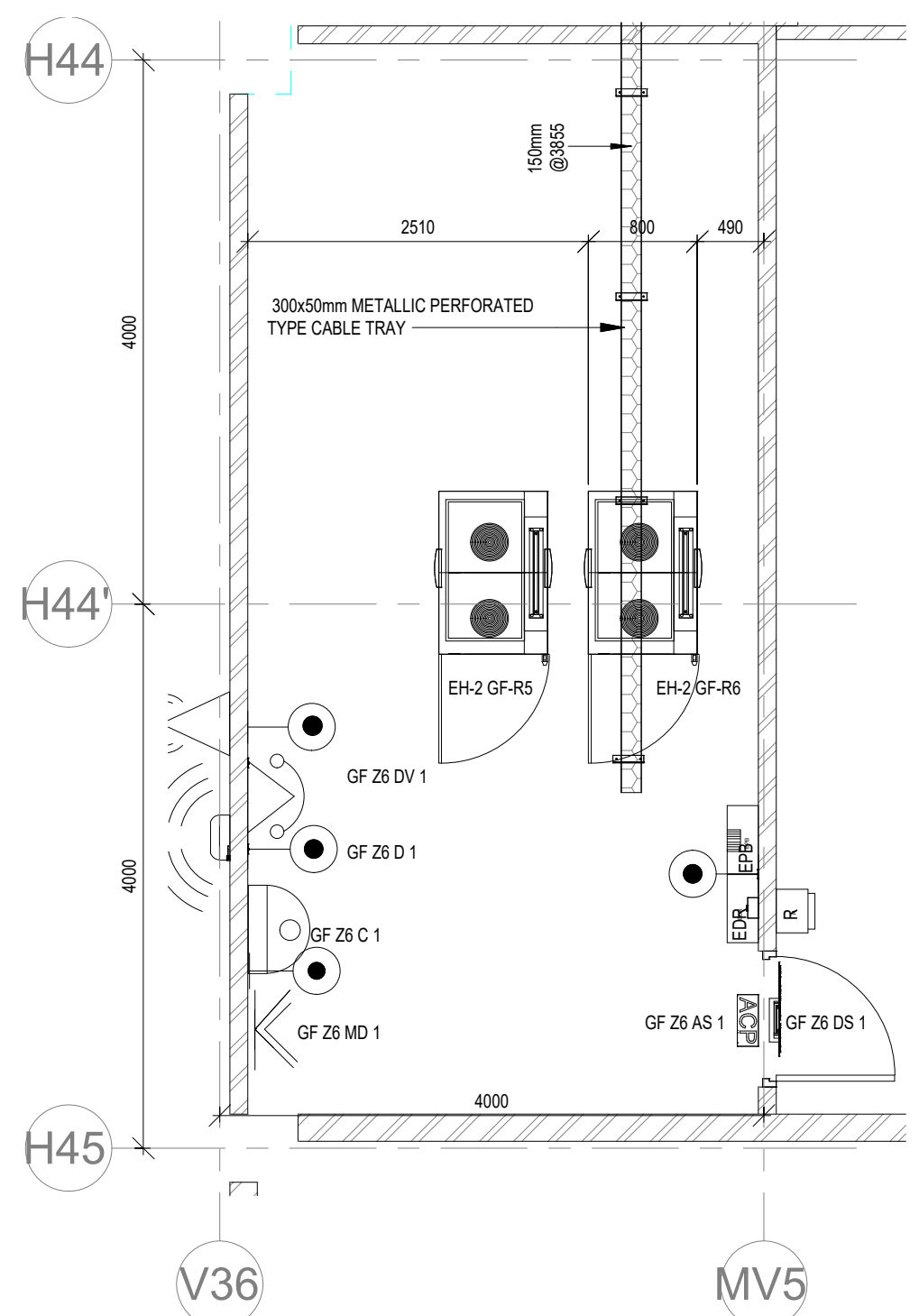
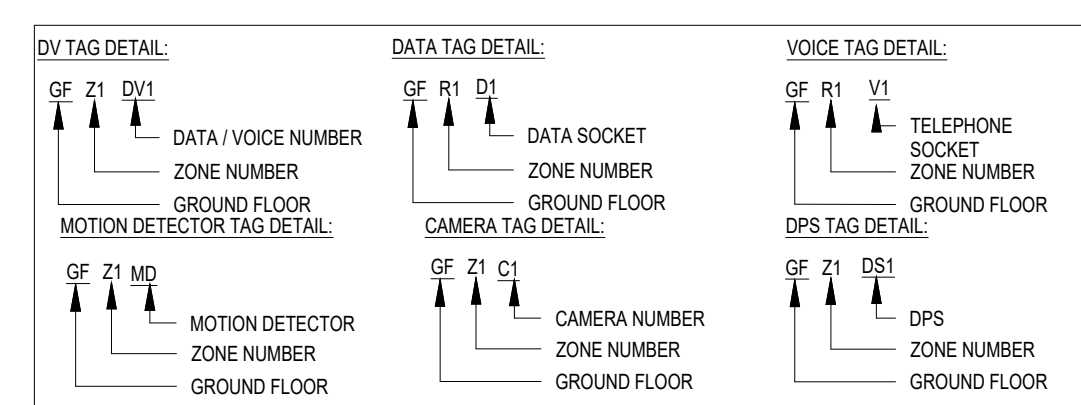
1 5002 SECTION 1
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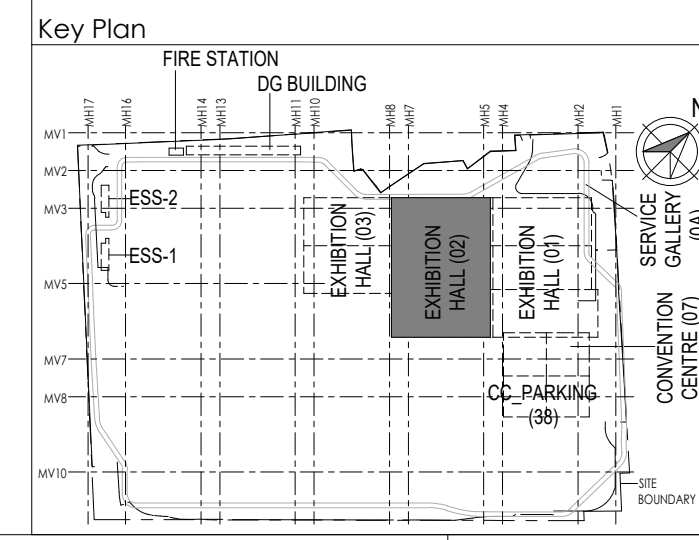
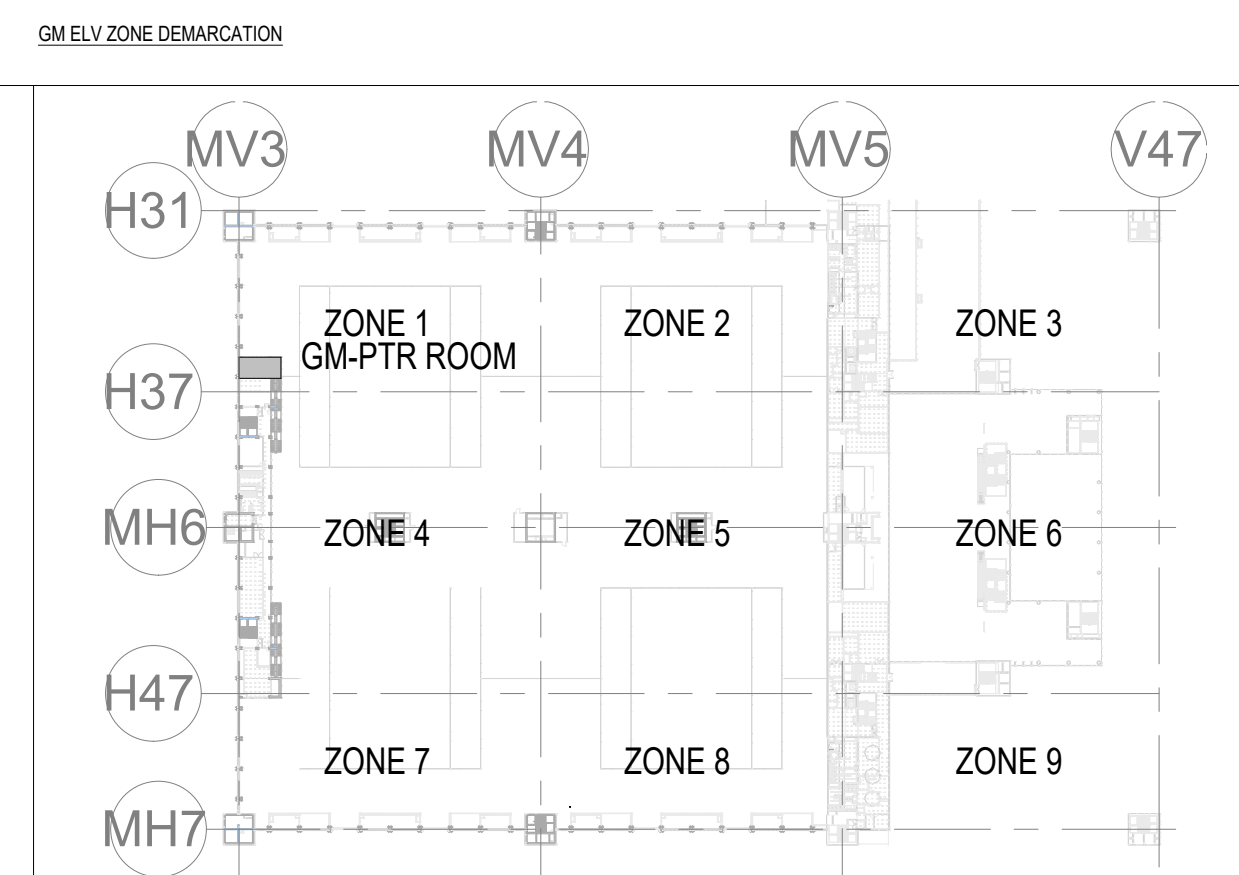
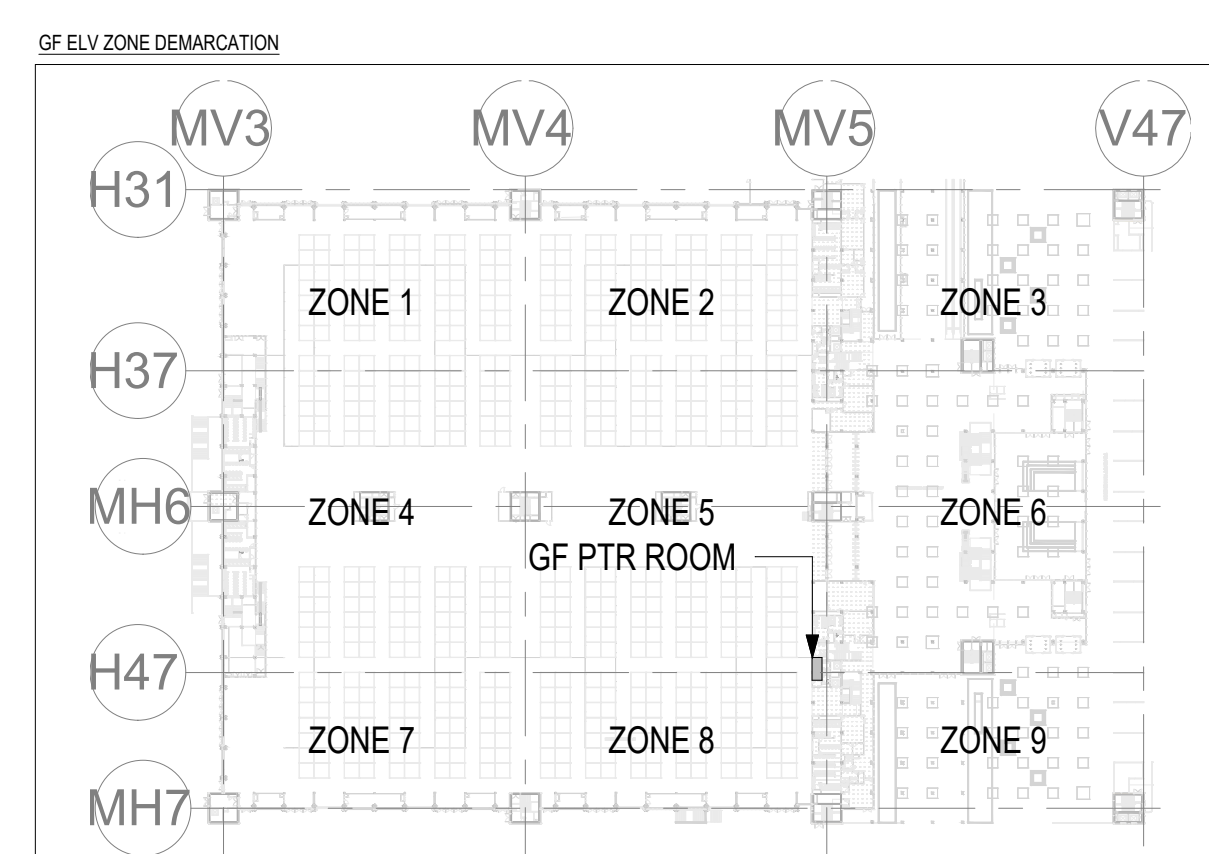
3 5002 PTR-42U RACK

LEGENDS:

SL. NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1	[P]	INDOOR FIXED DOME CAMERA	SURFACE / WALL MOUNTED
2	[SENSOR]	DOOR POSITION SENSOR	ON DOOR
3	[EPB]	EXIT PUSH BUTTON	1000mm ABOVE FFL
4	[R]	MULTI TECH. CARD READER	1000mm ABOVE FFL
5	[EDR]	EMERGENCY DOOR RELEASE	1000mm ABOVE FFL
5	[V]	MOTION DETECTOR	SURFACE / WALL MOUNTED
6	[ACP]	ACCESS CONTROL PANEL	WALL MOUNTED
7	[RACK]	42 U ICT NETWORK RACK	FLOOR MOUNTED
8	[CABLE TRAY]	300MM(W)x50MM(H) METALLIC PERFORATED TYPE CABLE TRAY	MADE OF HOT DIP GALVANIZED SHEETS
9	[PHONE]	TELEPHONE SOCKET	WALL MOUNTED
10	[DATA]	DATA SOCKET	WALL / SURFACE MOUNTED

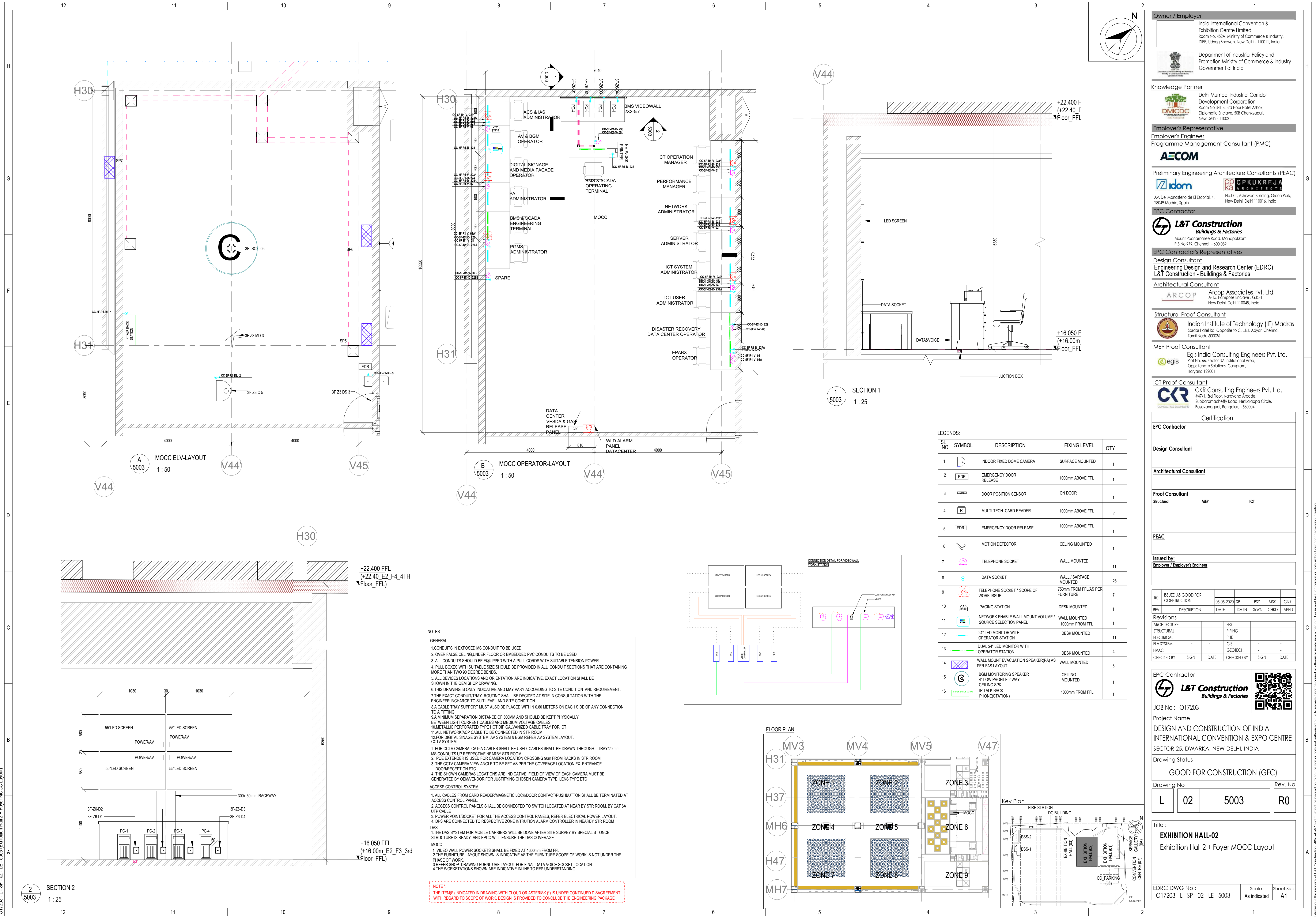


B 5002 GF PTR ROOM LAYOUT
1 : 50



- NOTES:
- GENERAL
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
 - THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION.
 - PVC CONDUIT SHALL BE USED FOR EMBEDDED CONDUITING. MS CONDUIT SHALL BE USED FOR EXPOSED CONDUITING
 - CONDUITS SHALL BE CONCEALED IN WALL/CEILING IN NON-FALSE CEILING AREA.
 - SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL.
 - CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
 - PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
 - ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWING.
 - THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION.
 - CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING.
 - A MINIMUM SEPARATION DISTANCE 300MM SHALL BE MAINTAINED BETWEEN ICT CABLING.
 - THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT.

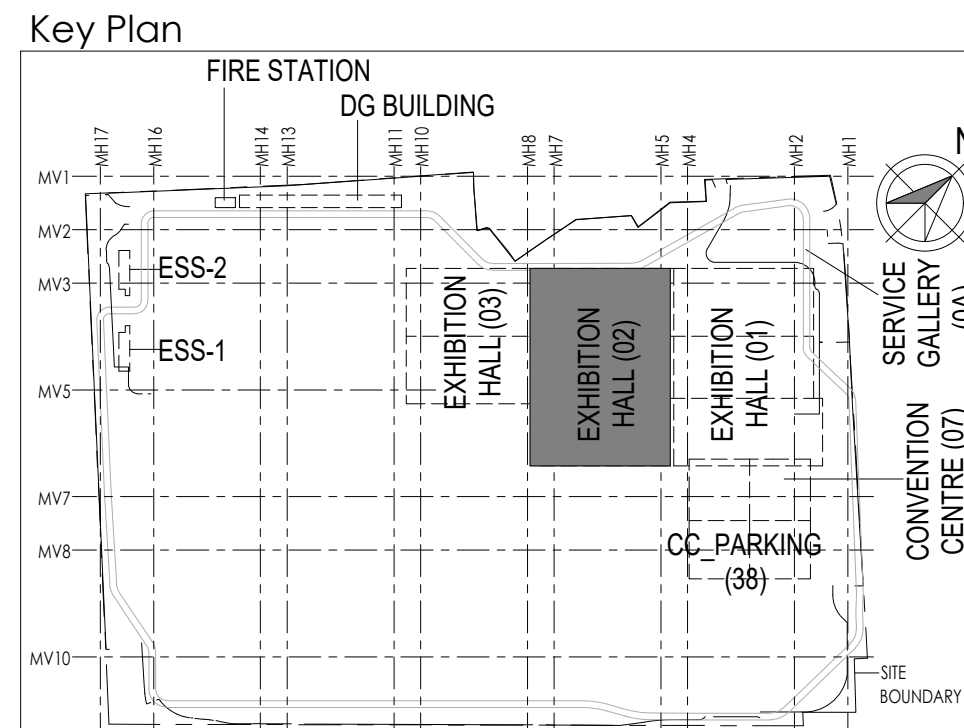
O17203 - L - SP - 02 - LE - 5003 (Exhibition Hall 2 + Foyer MOCC Layout)



LEGENDS: Table with 5 columns: SL. NO, SYMBOL, DESCRIPTION, FIXING LEVEL, QTY. It lists various equipment like indoor fixed dome camera, exit push button, door position sensor, multi tech. card reader, emergency door release, motion detector, telephone socket, data socket, telephone socket with scope of work issue, PA-paging station, BGM monitoring speaker, 24" LED monitor with operator station, dual 24" LED monitor with operator station, wall mount evacuation speaker, and rack as per BGM layout.

- NOTES:
- GENERAL
- 1.CONDUITS IN EXPOSED MS CONDUIT TO BE USED.
 2. OVER FALSE CEILING, UNDER FLOOR OR EMBEDDED PVC CONDUITS TO BE USED
 3. ALL CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
 4. PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
 5. ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWINGS.
 - 6.THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION. AND REQUIREMENT.
 - 7.THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION.
 - 8.A CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING.
 - 9.A MINIMUM SEPARATION DISTANCE OF 300MM AND SHOULD BE KEPT PHYSICALLY BETWEEN LIGHT CURRENT CABLES AND MEDIUM VOLTAGE CABLES
 - 10.METALLIC PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT
 - 11.ALL NETWORK/ACP CABLE TO BE CONNECTED IN STR ROOM
 - 12.FOR DIGITAL SIGNAGE SYSTEM, AV SYSTEM & BGM REFER AV SYSTEM LAYOUT.
- CCTV SYSTEM
1. FOR CCTV CAMERA, CAT6A CABLES SHALL BE USED. CABLES SHALL BE DRAWN THROUGH TRAY/20 mm MS CONDUITS UP RESPECTIVE NEARBY STR ROOM.
 2. POE EXTENDER IS USED FOR CAMERA LOCATION CROSSING 90m FROM RACKS IN STR ROOM
 3. THE CCTV CAMERA VIEW ANGLE TO BE SET AS PER THE COVERAGE LOCATION EX. ENTRANCE DOOR/RECEPTION ETC.
 4. THE SHOWN CAMERAS LOCATIONS ARE INDICATIVE. FIELD OF VIEW OF EACH CAMERA MUST BE GENERATED BY OEM/VENDOR FOR JUSTIFYING CHOSEN CAMERA TYPE, LENS TYPE ETC
- ACCESS CONTROL SYSTEM
1. ALL CABLES FROM CARD READER/MAGNETIC LOCK/DOOR CONTACT/PUSHBUTTON SHALL BE TERMINATED AT ACCESS CONTROL PANEL.
 2. ACCESS CONTROL PANELS SHALL BE CONNECTED TO SWITCH LOCATED AT NEAR BY STR ROOM, BY CAT 6A UTP CABLE
 3. POWER POINT/ SOCKET FOR ALL THE ACCESS CONTROL PANELS, REFER ELECTRICAL POWER LAYOUT.
 4. DPS ARE CONNECTED TO RESPECTIVE ZONE INTRUSION ALARM CONTROLLER IN NEARBY STR ROOM
- BMS
- 1.DDC PANELS ARE LOCATED AT 1500MM FROM FFL CENTER OF PANEL.
 - 2.TENTATIVE DIMENSIONS OF THE DDC PANEL IS SHOWN DEPENDS ON OEM.
 - 3.DDC CONTROLLER AND IO MODULE CONFIGURATION AS PER OEM SYSTEM DESIGN.
 - 4.LOCATION FOR THE SENSORS ARE SHOWN IN THE LAYOUT IS INDICATIVE.
 - 5.TYPE OF CABLE TO FIELD CONNECTIONS AS PER BMS CABLE SCHEDULE.
 - 6.THE MAIN INTEGRATION PROTOCOL SHALL BACNET OVER TCP/IP & BACNET OVER MSTP.
 - 7.REFER BGM LAYOUT FOR BGM SPEAKERS
- DAS
- 1.THE DAS SYSTEM FOR MOBILE CARRIERS WILL BE DONE AFTER SITE SURVEY BY SPECIALIST ONCE STRUCTURE IS READY. AND EPC WILL ENSURE THE DAS COVERAGE.
- SCC
1. VIDEO WALL POWER SOCKETS SHALL BE FIXED AT 1600mm FROM FFL
 - 2.THE FURNITURE LAYOUT SHOWN IS INDICATIVE AS THE FURNITURE SCOPE OF WORK IS NOT UNDER THE PHASE OF WORK.
 - 3.REFER SHOP DRAWING FURNITURE LAYOUT FOR FINAL DATA VOICE SOCKET LOCATION
 - 4.THE WORKSTATIONS SHOWN ARE INDICATIVE IN LINE TO RFP UNDERSTANDING

NOTE : THE ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.



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Department of Industrial Policy and Promotion Ministry of Commerce & Industry Government of India

Knowledge Partner

Delhi Mumbai Industrial Corridor Development Corporation
Room No.341 & 3rd Floor Hotel Ashok, Diplomatic Enclave, 508 Chanayapuri, New Delhi - 110021

Employer's Representative

Employer's Engineer
Programme Management Consultant (PMC)

AECOM

Preliminary Engineering Architecture Consultants (PEAC)

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ICT Proof Consultant

CKR CKR Consulting Engineers Pvt. Ltd.
#47/L, 3rd Floor, Narayana Arcade, Subbaramachetty Road, Nelloreapapa Circle, Basavanagudi, Bengaluru - 560004

Certification

EPC Contractor

Design Consultant

Architectural Consultant

Proof Consultant

Structural MEP ICT

PEAC

Issued by:
Employer / Employer's Engineer

Rev. Description Date DSGN DRWN CHKD APPD

Revisions

ARCHITECTURE PPS
STRUCTURAL PIPING
ELECTRICAL PHE
ELV SYSTEM GIS
HVAC GEOTECH.
CHECKED BY SIGN DATE CHECKED BY SIGN DATE

EPC Contractor

L&T Construction Buildings & Factories

JOB No : 017203

Project Name

DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status

GOOD FOR CONSTRUCTION (GFC)

Drawing No

L 02 5004 R0

Rev. No

Title :

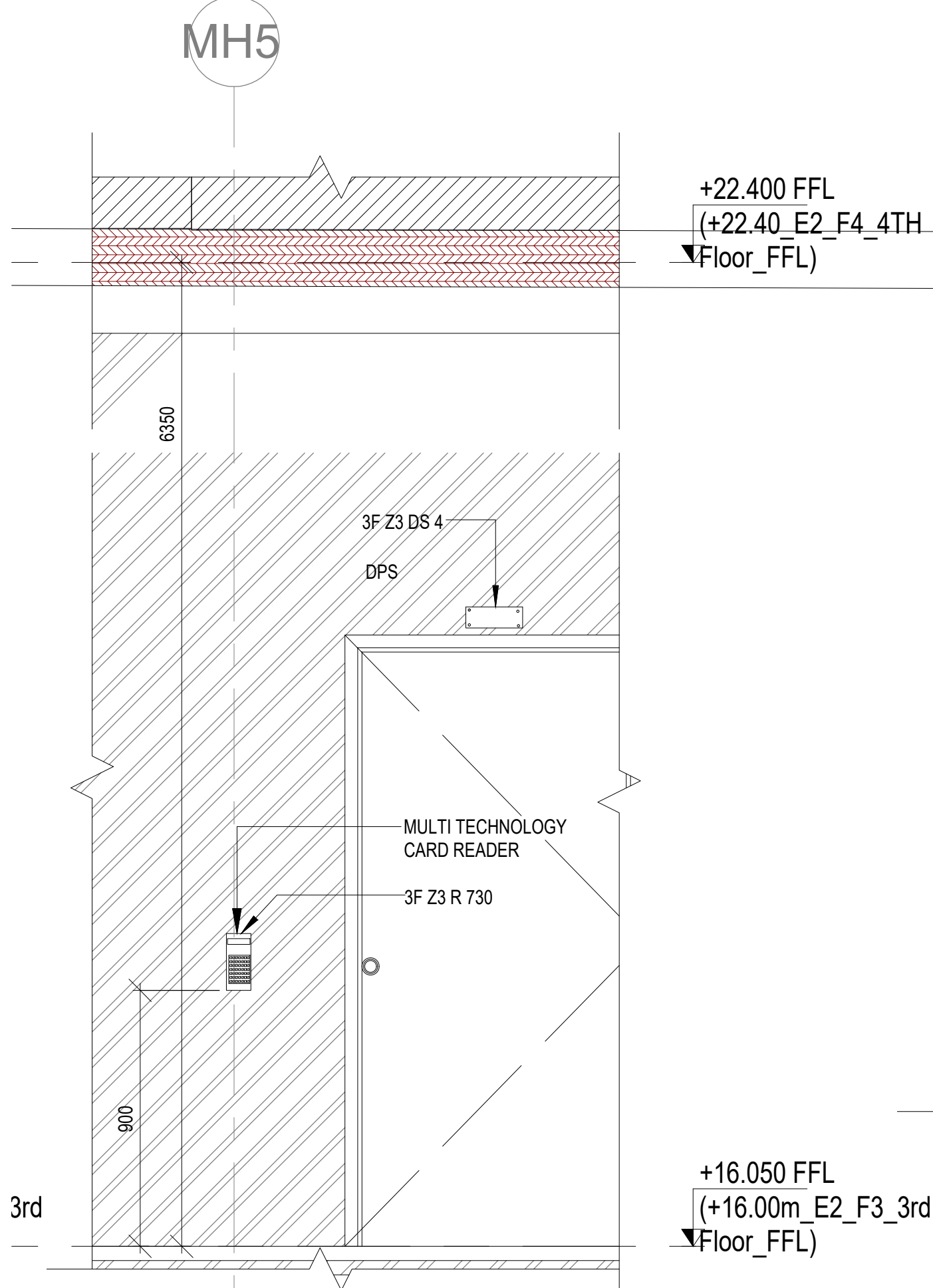
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer SCC Layout

EDRC DWG No :
017203 - L - SP - 02 - LE - 5004

Scale
As indicated

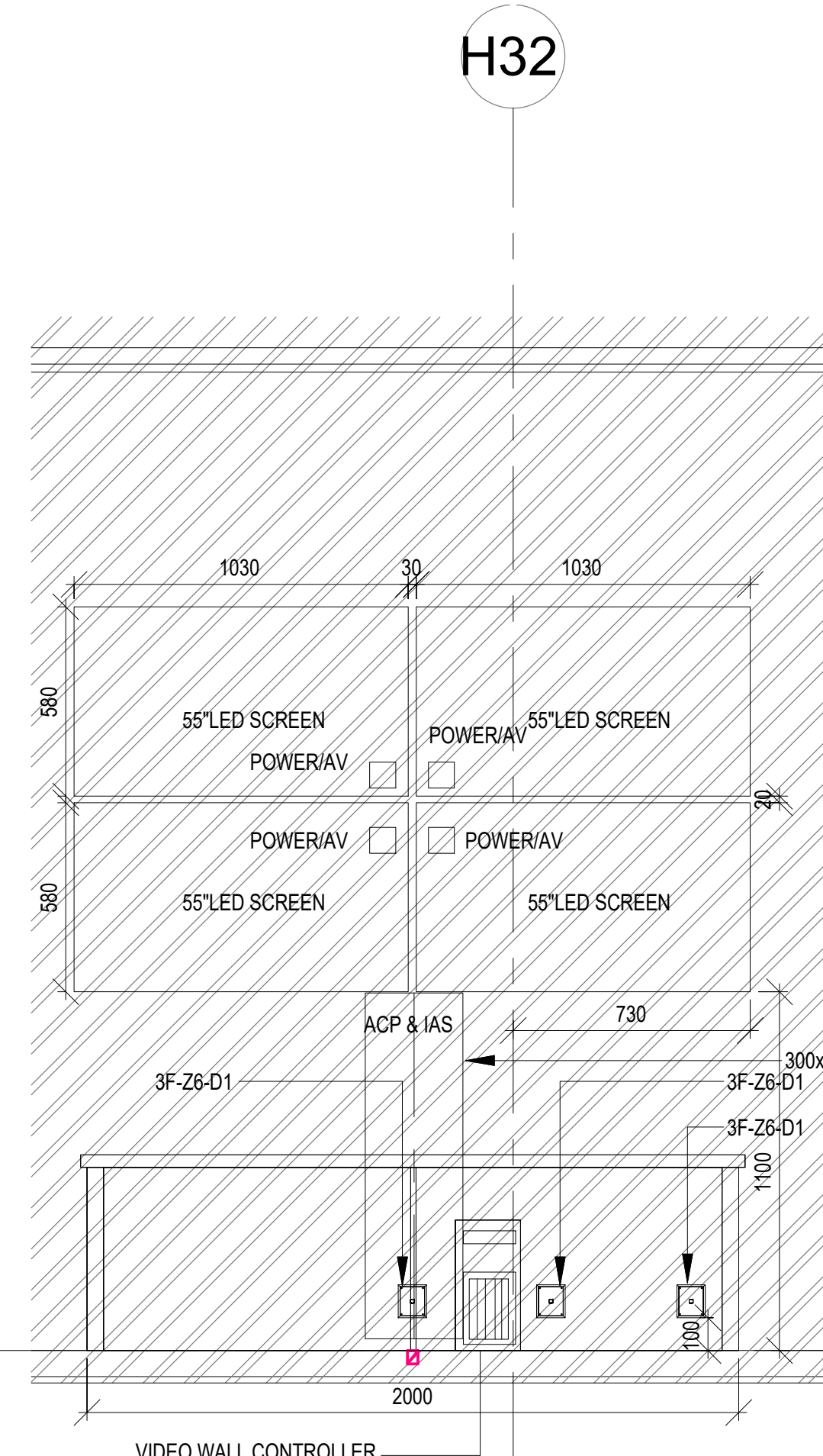
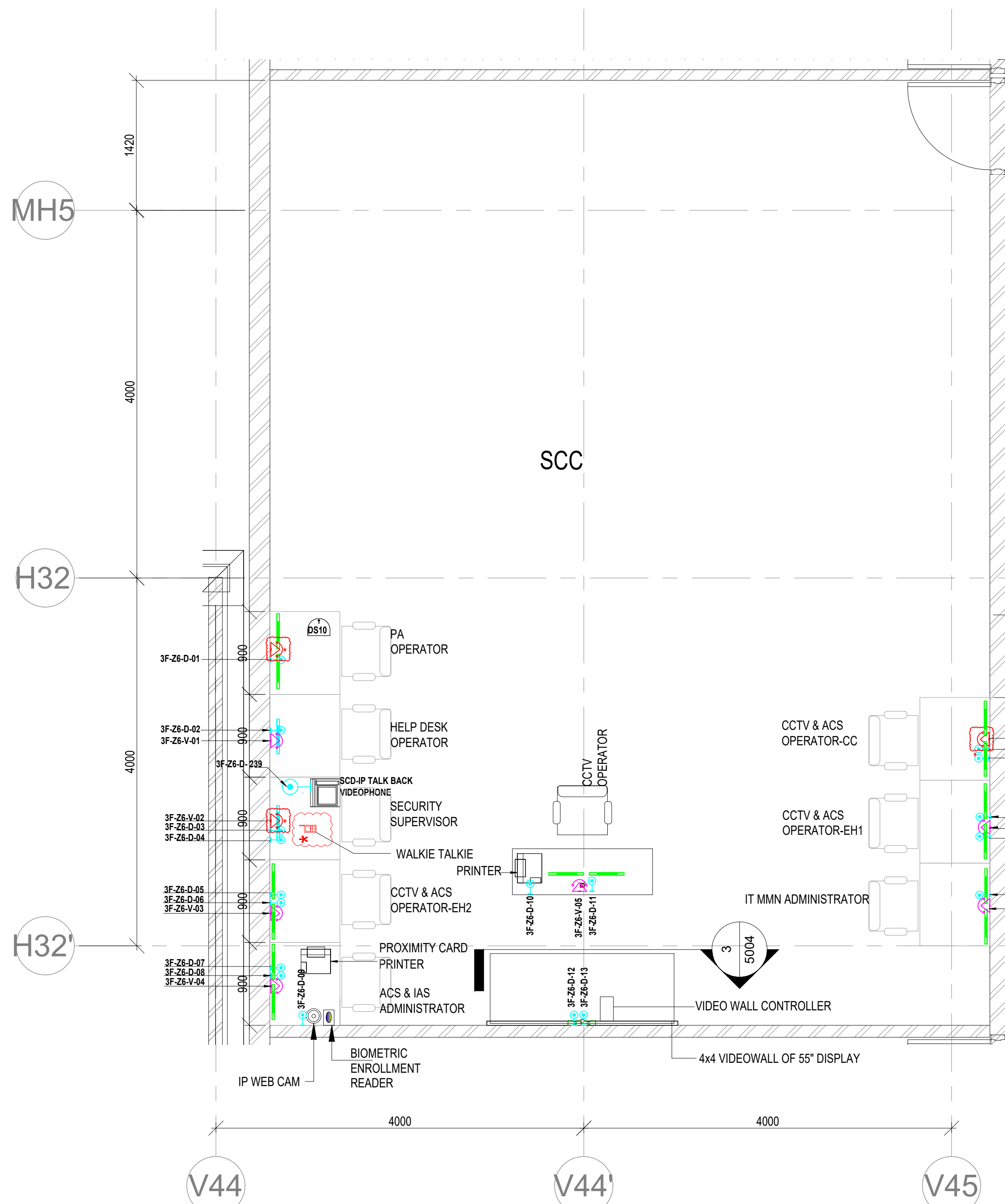
Sheet Size
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3F SCC-ELV LAYOUT
1:50

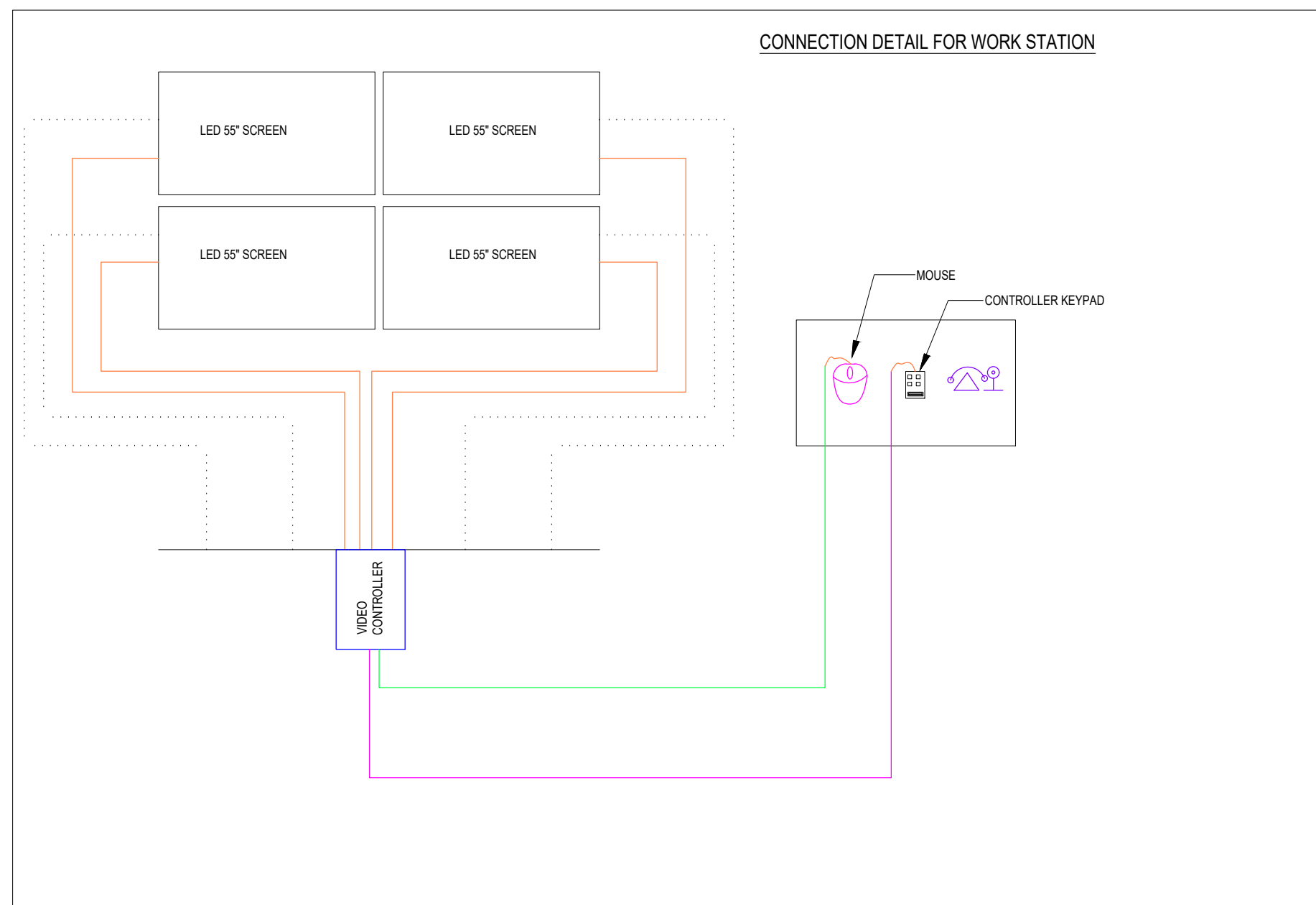


SECTION 2
1:25

3F-SCC- OPERATOR LAYOUT
1:50

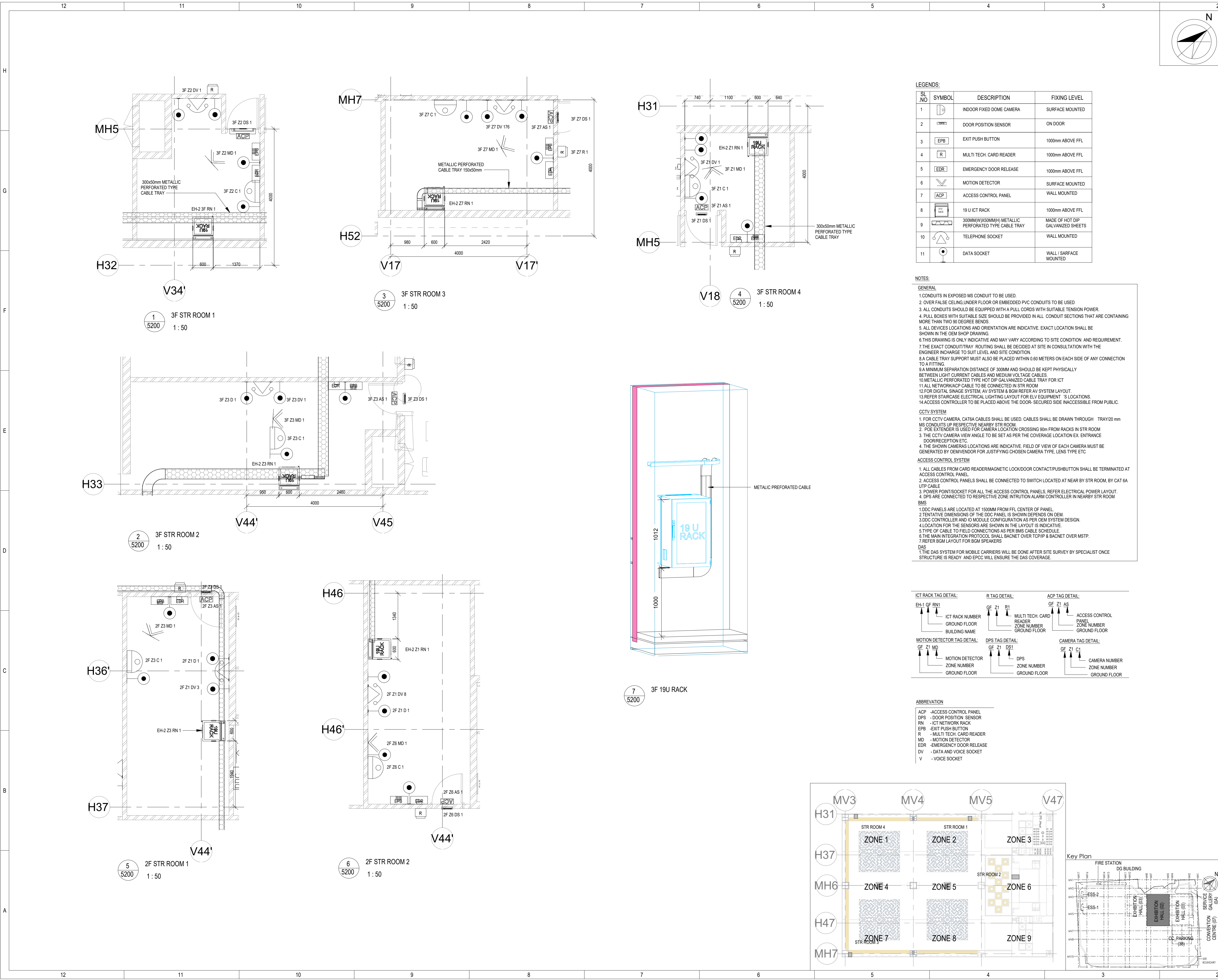


Section 03
1:25



+16.050 FFL
(+16.00m_E2_F3_3rd
Floor_FFL)

O17203 - L - SP - 02 - LE - 5200 (Exhibition Hall 2 + Foyer 2F & 3F STR rooms Layout)



LEGENDS:

SL NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1		INDOOR FIXED DOME CAMERA	SURFACE MOUNTED
2		DOOR POSITION SENSOR	ON DOOR
3		EXIT PUSH BUTTON	1000mm ABOVE FFL
4		MULTI TECH CARD READER	1000mm ABOVE FFL
5		EMERGENCY DOOR RELEASE	1000mm ABOVE FFL
6		MOTION DETECTOR	SURFACE MOUNTED
7		ACCESS CONTROL PANEL	WALL MOUNTED
8		19 U ICT RACK	1000mm ABOVE FFL
9		300MM(WX50MM(H)) METALLIC PERFORATED TYPE CABLE TRAY	MADE OF HOT DIP GALVANIZED SHEETS
10		TELEPHONE SOCKET	WALL MOUNTED
11		DATA SOCKET	WALL / SURFACE MOUNTED

NOTES:

GENERAL

- CONDUITS IN EXPOSED MS CONDUIT TO BE USED.
- OVER FALSE CEILING UNDER FLOOR OR EMBEDDED PVC CONDUITS TO BE USED
- ALL CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
- PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
- ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWING.
- THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT.
- THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION.
- CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING.
- MINIMUM SEPARATION DISTANCE OF 300MM AND SHOULD BE KEPT PHYSICALLY BETWEEN LIGHT CURRENT CABLES AND MEDIUM VOLTAGE CABLES.
- METALLIC PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT
- ALL NETWORK/ACP CABLE TO BE CONNECTED IN STR ROOM
- FOR DIGITAL SINGE SYSTEM, AV SYSTEM & BGM REFER AV SYSTEM LAYOUT.
- REFER STAIRCASE ELECTRICAL LIGHTING LAYOUT FOR ELV EQUIPMENT 'S' LOCATIONS
- ACCESS CONTROLLER TO BE PLACED ABOVE THE DOOR, SECURED SIDE (INACCESSIBLE FROM PUBLIC.

CCTV SYSTEM

- FOR CCTV CAMERA, CAT6A CABLES SHALL BE USED. CABLES SHALL BE DRAWN THROUGH TRAY/20 mm MS CONDUITS UP RESPECTIVE NEARBY STR ROOM.
- POE EXTENDER IS USED FOR CAMERA LOCATION CROSSING 90m FROM RACKS IN STR ROOM
- THE CCTV CAMERA VIEW ANGLE TO BE SET AS PER THE COVERAGE LOCATION EX ENTRANCE DOOR/RECEPTION ETC.
- THE SHOWN CAMERAS LOCATIONS ARE INDICATIVE. FIELD OF VIEW OF EACH CAMERA MUST BE GENERATED BY OEM/VENDOR FOR JUSTIFYING CHOSEN CAMERA TYPE, LENS TYPE ETC

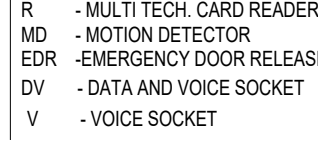
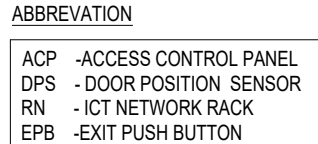
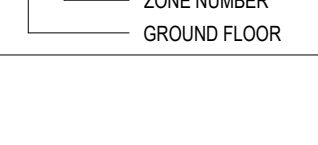
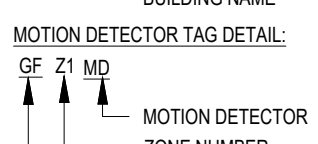
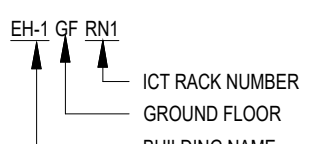
ACCESS CONTROL SYSTEM

- ALL CABLES FROM CARD READER/MAGNETIC LOCK/DOOR CONTACT/PUSHBUTTON SHALL BE TERMINATED AT ACCESS CONTROL PANEL.
- ACCESS CONTROL PANELS SHALL BE CONNECTED TO SWITCH LOCATED AT NEAR BY STR ROOM, BY CAT 6A UTP CABLE
- POWER POINT/POE SOCKET FOR ALL THE ACCESS CONTROL PANELS. REFER ELECTRICAL POWER LAYOUT.
- DPS ARE CONNECTED TO RESPECTIVE ZONE INTRUSION ALARM CONTROLLER IN NEARBY STR ROOM BMS

- DDC PANELS ARE LOCATED AT 1500MM FROM FFL CENTER OF PANEL.
- TENTATIVE DIMENSIONS OF THE DDC PANEL IS SHOWN DEPENDS ON OEM.
- DDC CONTROLLER AND IO MODULE CONFIGURATION AS PER OEM SYSTEM DESIGN.
- LOCATION FOR THE SENSORS ARE SHOWN IN THE LAYOUT IS INDICATIVE.
- TYPE OF CABLE TO FIELD CONNECTIONS AS PER BMS CABLE SCHEDULE.
- THE MAIN INTEGRATION PROTOCOL SHALL BACNET OVER TCP/IP & BACNET OVER MSTP.
- REFER BGM LAYOUT FOR BGM SPEAKERS

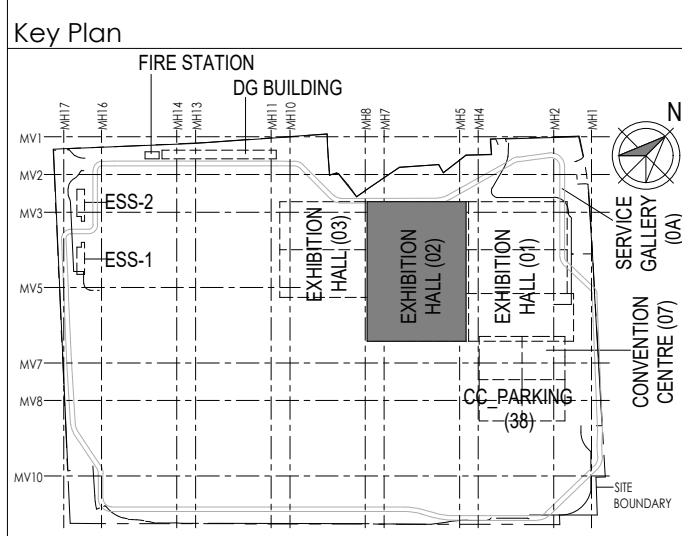
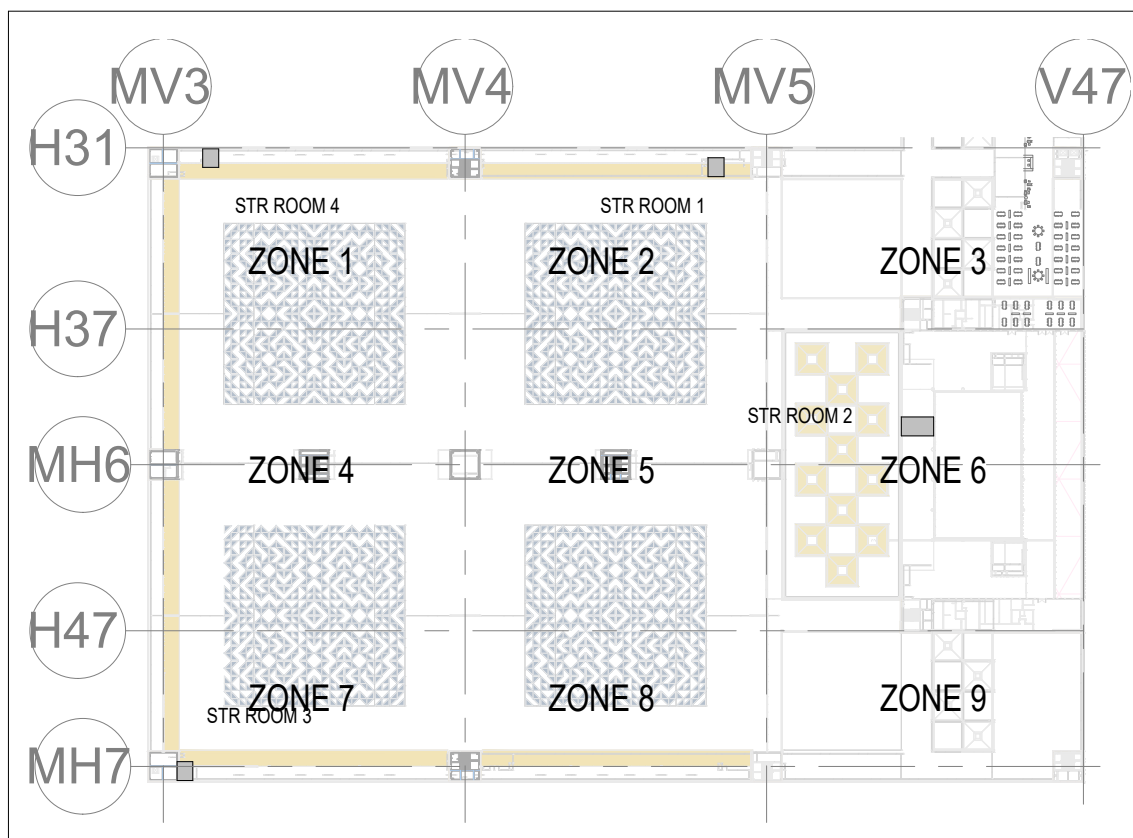
- THE DAS SYSTEM FOR MOBILE CARRIERS WILL BE DONE AFTER SITE SURVEY BY SPECIALIST ONCE STRUCTURE IS READY AND EPC WILL ENSURE THE DAS COVERAGE.

ICT RACK TAG DETAIL:



ABBREVIATION

- ACP - ACCESS CONTROL PANEL
- DPS - DOOR POSITION SENSOR
- RN - ICT NETWORK RACK
- EPB - EXIT PUSH BUTTON
- R - MULTI TECH CARD READER
- MD - MOTION DETECTOR
- EDR - EMERGENCY DOOR RELEASE
- DV - DATA AND VOICE SOCKET
- V - VOICE SOCKET



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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	RELEASED AS GOOD FOR CONSTRUCTION	28-08-2019	PSN/SP	PSY	MSK	GNR

Revisions	ARCHITECTURE	STRUCTURAL	ELECTRICAL	ELV SYSTEM	HVAC	CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE

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JOB No : O17203

Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

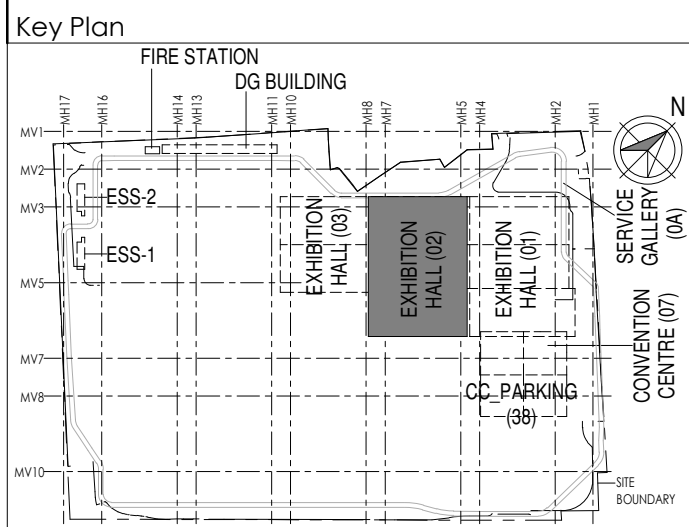
Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No
L 02 5200 R0

Title :
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer 2F & 3F STR rooms Layout

EDRC DWG No : O17203 - L - SP - 02 - LE - 5200	Scale As indicated	Sheet Size A1
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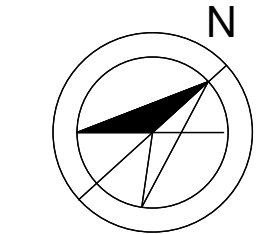
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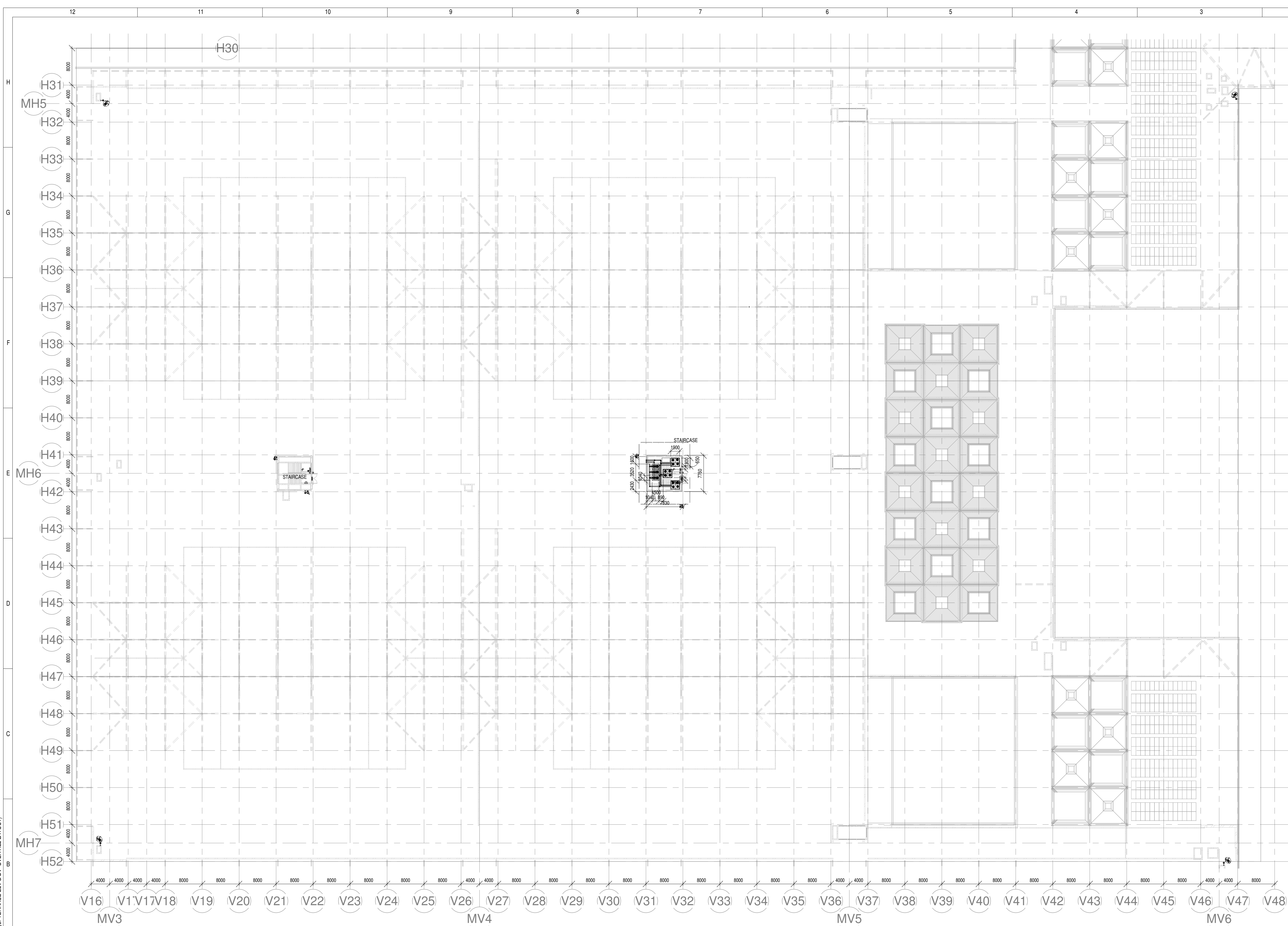
The diagram illustrates four types of tags used in the system, each with a unique set of barcodes and labels:

- DDC TAG DETAIL:** Features barcodes GE, Z1, and DC1. Labels include DDC, ZONE NUMBER, and GROUND FLOOR.
- DPS TAG DETAIL:** Features barcodes GE, Z1, and DS1. Labels include DPS, ZONE NUMBER, and GROUND FLOOR.
- MOTION DETECTOR TAG DETAIL:** Features barcodes GE, Z1, and MD. Labels include MOTION DETECTOR, ZONE NUMBER, and GROUND FLOOR.
- MULTI TECH CARD TAG DETAIL:** Features barcodes GE, Z1, and R. Labels include MULTI TECH CARD, READER, ZONE NUMBER, and GROUND FLOOR.

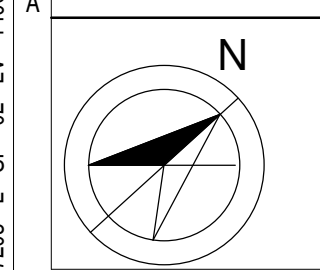
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DISCIPLINE	DRAWING NO
ARCHITECTURAL	O17203-A-SP-02-WD-0007
STRUCTURAL	O17203-C-SP-02- NU-0004,0005,0006,0007
ELECTRICAL EQUIPMENT & CABLE TRAY LAYOUT	O17203-E-SP-02-EE-0103
ELV	O17203-S-SP-02-DV-2200
HVAC	O17203-V-SP-02-VS-1001
FPS SCHEME	O17203-F-SP-02-PL-0100
FIRE ALARM SCHEME	O17203-F-SP-02-FA-0011
PHE	O17203-U-SP-02-IP-0001,0002



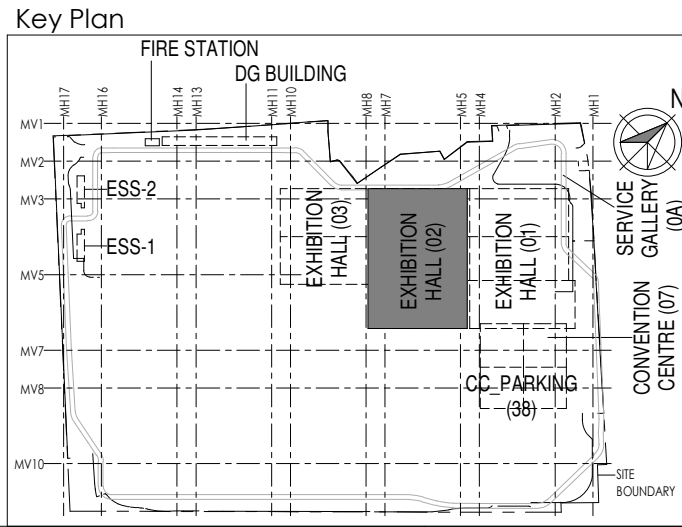
O17203 - L - SP - 02 - LV - 1200	As indicated	A1
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O17203 - L - SP - 02 - LV - 1400 (EXHIBITION HALL 2+ Foyer TERRACE ELV & DV OVER ALL LAYOUT)





1
1400
TERRACE OVER ALL ELV & DV SYSTEM LAYOUT
1 : 400





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MEP Proof Consultant

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CCR Consulting Engineers Pvt. Ltd.
#47/1, 3rd Floor, Narayana Arcade, Subbaramachetty Road, Melkote Circle, Basavanagudi, Bengaluru - 560004

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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	01-10-2019	PSN/SP	PSY	MSK	GNR

Revisions

		FPS			
ARCHITECTURE					
STRUCTURAL		PIPING			
ELECTRICAL		PHE			
ELV SYSTEM		GIS			
HVAC		GEOTECH.			
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE

EPC Contractor

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JOB No : O17203
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA
Drawing Status
GOOD FOR CONSTRUCTION (GFC)
Drawing No
L 02 1400 R0
Rev. No

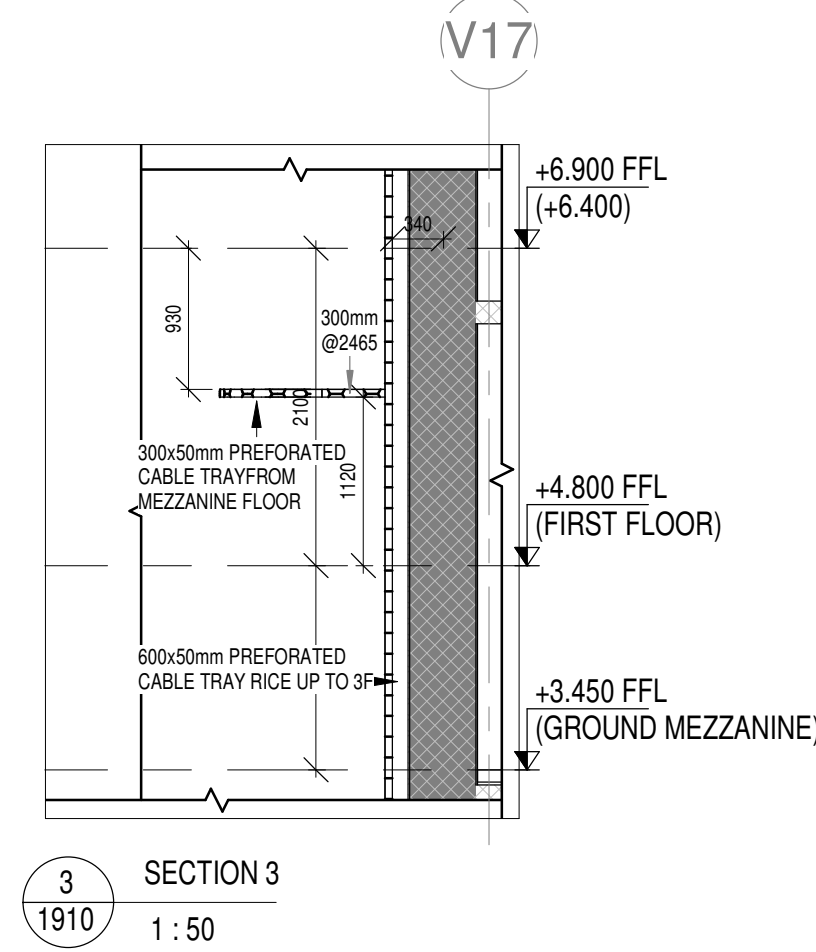
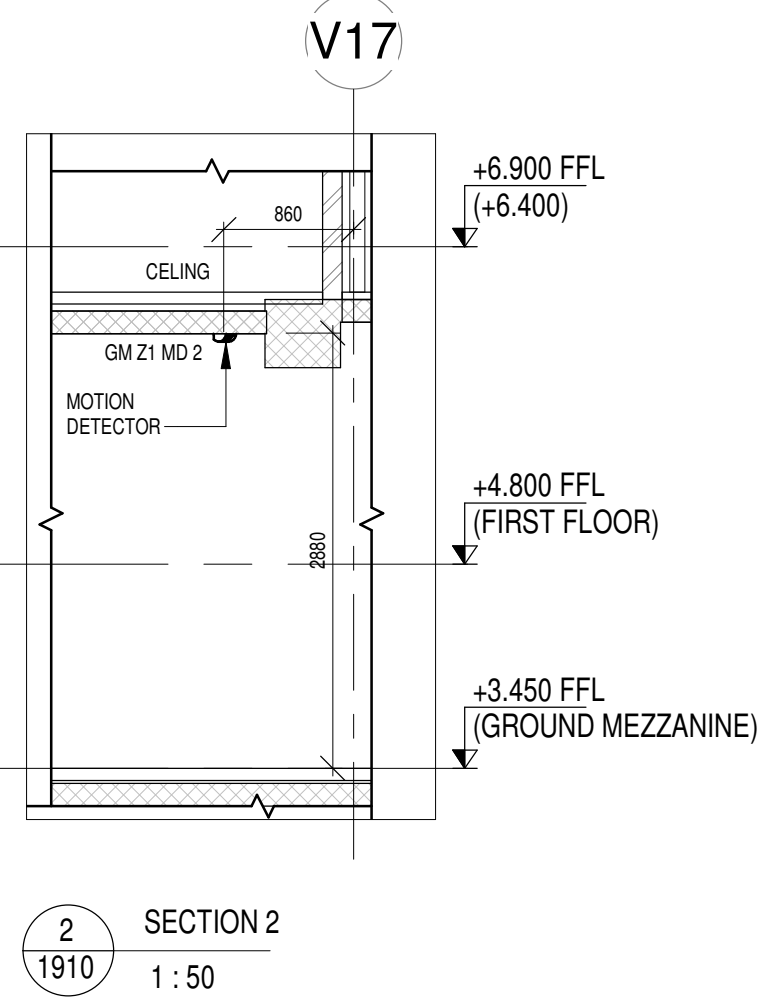
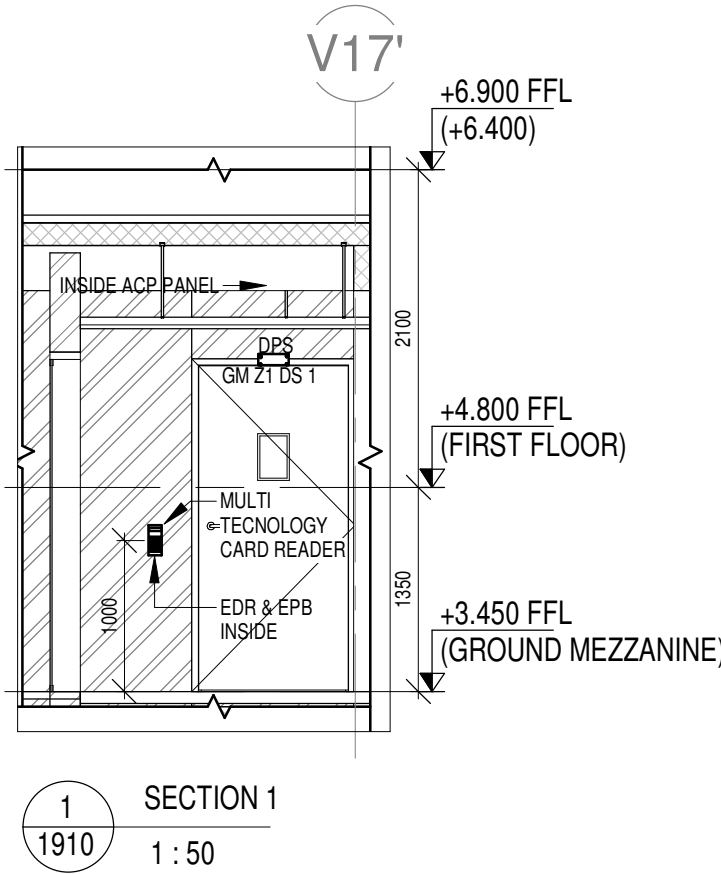
Title :
EXHIBITION HALL-02
EEXHIBITION HALL 2+ Foyer TERRACE ELV & DV OVER ALL LAYOUT
EDRC DWG No :
O17203 - L - SP - 02 - LV - 1400
Scale
1 : 400
Sheet Size
A1

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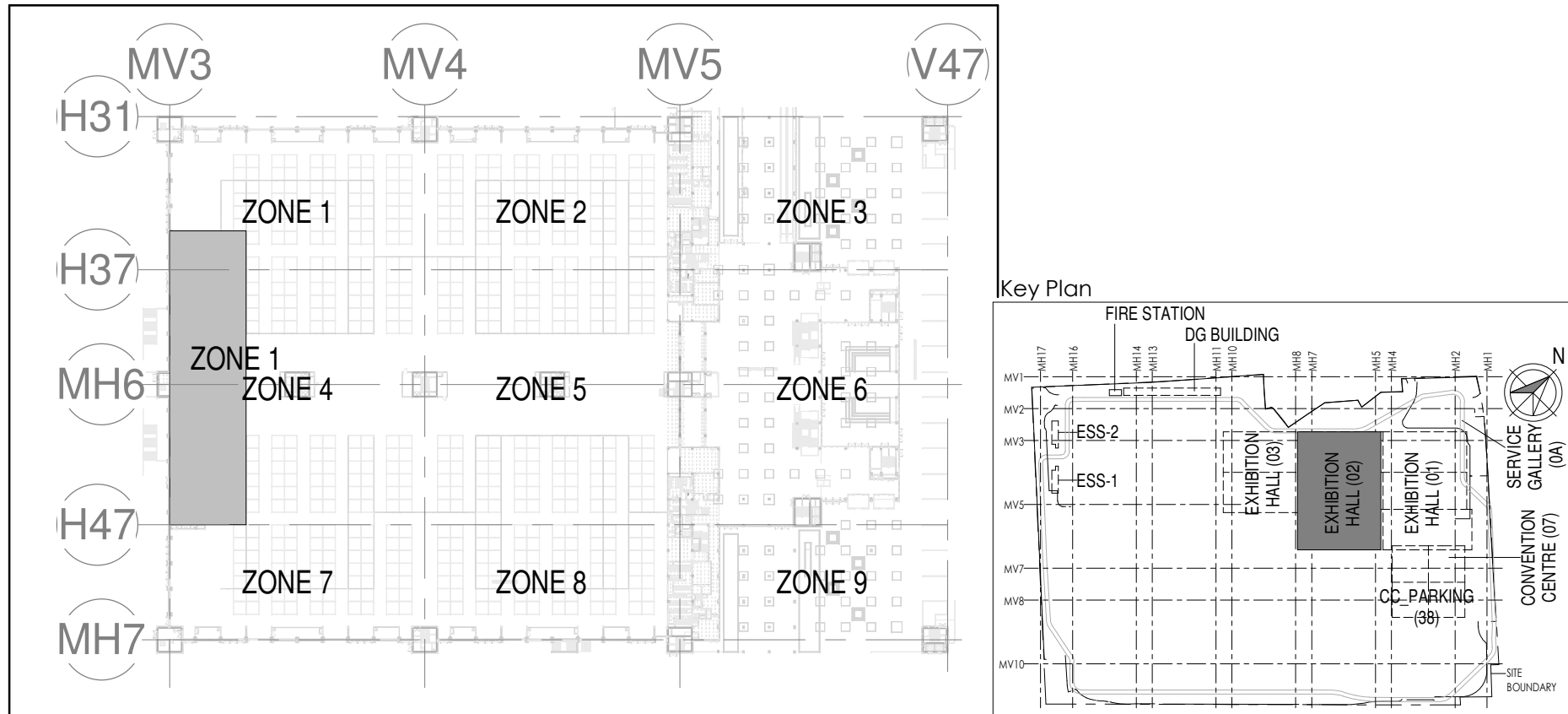
O17203 - L - SP - 02 - LV - 1910 (Exhibition Hall 2 + Foyer Mezzanine Over All ELV System)



DISCIPLINE	DRAWING NO
ARCHITECTURAL	O17203-A-SP-02-WD-0005
STRUCTURAL	O17203-C-SP-02-NU-0004,0005,0006,0007,
ELECTRICAL EQUIPMENT & CABLE TRAY LAYOUT	O17203-E-SP-02-EE-0090,0095
ELV	O17203-L-SP-02-OV-2900
HVAC	O17203-V-SP-02-VS-2001
FPS SCHEME	O17203-F-SP-02-PL-0013
FIRE ALARM SCHEME	O17203-F-SP-02-FA-0014
PHE	O17203-U-SP-02-IP-0004



ELV ZONE DEMARCATION



LEGENDS:

SL NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1		INDOOR FIXED DOME CAMERA	SURFACE MOUNTED
2		DOOR POSITION SENSOR	ON DOOR
3		EXIT PUSH BUTTON	1000mm ABOVE FFL
4		MULTI TECHNOLOGY CARD READER	1000mm ABOVE FFL
5		EMERGENCY DOOR RELEASE	1000mm ABOVE FFL
6		BIOMETRIC READER	1000mm ABOVE FFL
7		MOTION DETECTOR	SURFACE MOUNTED
8		ACCESS CONTROL PANEL	WALL MOUNTED
9		19 U ICT NETWORK RACK	WALL MOUNTED
10		42 U ICT NETWORK RACK	FLOOR MOUNTED
11		300mm(W)x50mm(H) METALLIC PERFORATED TYPE CABLE TRAY	

NOTES:

GENERAL

- CONDUITS IN EXPOSED MS CONDUIT TO BE USED.
- OVER FALSE CEILING, UNDER FLOOR OR EMBEDDED PVC CONDUITS TO BE USED.
- ALL CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
- PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
- ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWING.
- THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT.
- THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER IN CHARGE TO SUIT LEVEL AND SITE CONDITION.
- A CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING.
- A MINIMUM SEPARATION DISTANCE OF 300MM AND SHOULD BE KEPT PHYSICALLY BETWEEN LIGHT CURRENT CABLES AND MEDIUM VOLTAGE CABLES.
- METALLIC PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT.
- ALL NETWORK/ACP CABLE TO BE CONNECTED IN STR ROOM.
- FOR DIGITAL SIGNAGE SYSTEM, AV SYSTEM & BOM REFER AV SYSTEM LAYOUT.
- REFER STAIRCASE ELECTRICAL LIGHTING LAYOUT FOR ELV EQUIPMENT'S LOCATIONS IN STAIRCASE.
- ACCESS CONTROLLER TO BE PLACED ABOVE THE DOOR. SECURED SIDE INACCESSIBLE FROM PUBLIC.
- THE CABLE TRAY AND CONDUITS SYSTEM IS MAINTAINED FILL RATIO UP TO 50%.

CCTV SYSTEM

- FOR CCTV CAMERA, CAT6A CABLES SHALL BE USED. CABLES SHALL BE DRAWN THROUGH 1TRAY/20 mm MS CONDUITS UP RESPECTIVE NEARBY STR ROOM.
- POE EXTENDER IS USED FOR CAMERA LOCATION CROSSING 90m FROM RACKS IN STR ROOM.
- THE CCTV CAMERA VIEW ANGLE TO BE SET AS PER THE COVERAGE LOCATION EX. ENTRANCE DOOR/RECEPTION ETC.
- THE SHOWN CAMERAS LOCATIONS ARE INDICATIVE. FIELD OF VIEW OF EACH CAMERA MUST BE GENERATED BY OEM/VENDOR FOR JUSTIFYING CHOSEN CAMERA TYPE, LENS TYPE ETC.

ACCESS CONTROL SYSTEM

- ALL CABLES FROM CARD READER/MAGNETIC LOCK/DOOR CONTACT/PUSHBUTTON SHALL BE TERMINATED AT ACCESS CONTROL PANEL.
- ACCESS CONTROL PANELS SHALL BE CONNECTED TO SWITCH LOCATED AT NEAR BY STR ROOM. BY CAT 6A UTP CABLE.
- POWER POINT/SOCKET FOR ALL THE ACCESS CONTROL PANELS. REFER ELECTRICAL POWER LAYOUT.
- DPS ARE CONNECTED TO RESPECTIVE ZONE INTRUSION ALARM CONTROLLER IN NEARBY STR ROOM BMS.

- DDC PANELS ARE LOCATED AT 1500MM FROM FFL CENTER OF PANEL.
- TENTATIVE DIMENSIONS OF THE DDC PANEL IS SHOWN DEPENDS ON OEM.
- DDC CONTROLLER AND IO MODULE CONFIGURATION AS PER OEM SYSTEM DESIGN.
- LOCATION FOR THE SENSORS ARE SHOWN IN THE LAYOUT IS INDICATIVE.
- TYPE OF CABLE TO FIELD CONNECTIONS AS PER BMS CABLE SCHEDULE.
- THE MIN INTEGRATION PROTOCOLS SHALL BACKNET OVER TOPIIP & BACKNET OVER MSTP.
- REFER BGM LAYOUT FOR BGM SPEAKERS.
- DAS.
- THE DAS SYSTEM FOR MOBILE CARRIERS WILL BE DONE AFTER SITE SURVEY BY SPECIALIST ONCE STRUCTURE IS READY AND EPCC WILL ENSURE THE DAS COVERAGE.

ELV ABBREVIATION

C	CAMERA
R	MULTI TECHNOLOGY CARD READER
RN	IT RACK
MD	MOTION DETECTOR
MC	MAGNETIC CONTACT
ACP	ACCESS CONTROL PANEL
EPB	EXIT PUSH BUTTON
EDR	EMERGENCY DOOR RELEASE
DPS	DOOR POSITION SENSOR
DDC	DIRECT DIGITAL CONTROLLER

ICT RACK TAG DETAIL:

EH-1 GM RN	ICT RACK NUMBER
GM FLOOR	BUILDING NAME

GM Z1 MD	MOTION DETECTOR
ZONE NUMBER	GM FLOOR

R TAG DETAIL:

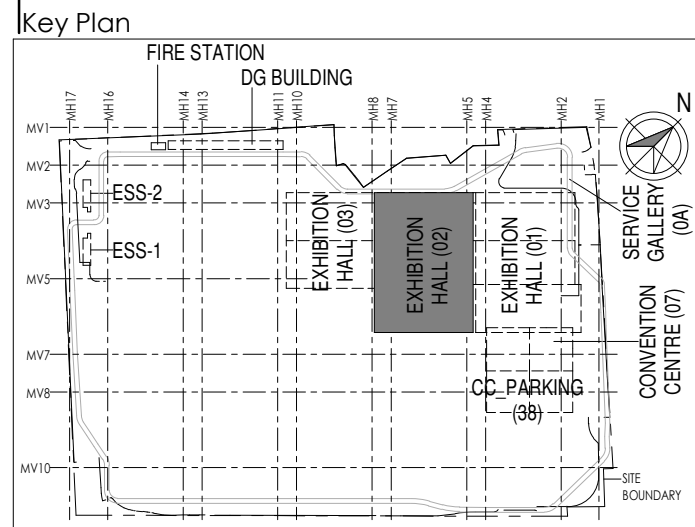
GM Z1 R1	MULTI TECH CARD READER
ZONE NUMBER	GM FLOOR

GM Z1 DS1	DPS
ZONE NUMBER	GM FLOOR

ACP TAG DETAIL:

GM Z1 AS	ACCESS CONTROL PANEL
ZONE NUMBER	GM FLOOR

GM Z1 C1	CAMERA
ZONE NUMBER	GM FLOOR



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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

Revisions

ARCHITECTURE						FPS
STRUCTURAL						PIPPING
ELECTRICAL						PHE
ELV SYSTEM						GIS
HVAC						GEO TECH.
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE	

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L&T Construction
Buildings & Factories

JOB NO : O17203

Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No
L 02 1910

Rev. No
R0

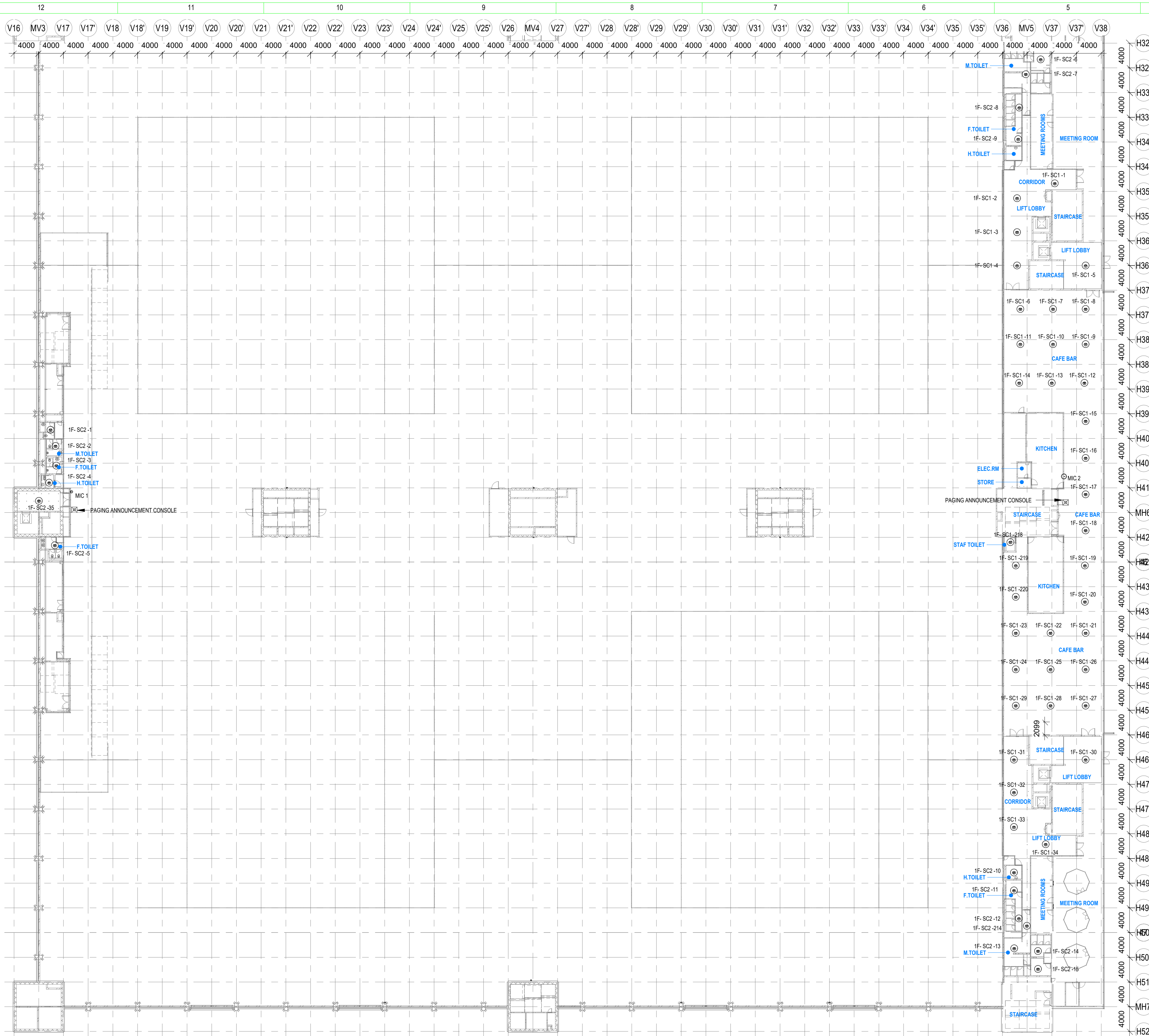
Title :
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer Mezzanine Over All ELV System

EDRC DWG No :
O17203 - L - SP - 02 - LV - 1910

Scale
As indicated

Sheet Size
A1

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1 FIRST FLOOR BACK GROUND MUSIC LAYOUT
1 : 350

LEGENDS

S.NO	SYMBOL	TENDER SPEC.NO	DESCRIPTION	MOUNTING HEIGHT	QTY
1	SC1	94	HIGH PROFILE 5" CEILING SPK.	CEILING MOUNT	37
2	SC2	96	4" LOW PROFILE 2 WAY CEILING SPK.	CEILING MOUNT	22
3	ERK	-	EQUIPMENT RACK	-	1
4		-	PAGING ANNOUNCEMENT CONSOLE	-	2
5		109	NOISE COMPENSATION MICROPHONE	CEILING MOUNT	2

NOTES

GENERAL

- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
- EXACT ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH ENGINEERING IN CHARGE TO SUIT SITE CONDITIONS
- PVC CONDUIT SHALL BE USED FOR EMBEDDED APPLICATION AND MS CONDUIT USED FOR OPEN APPLICATION
- CONDUITS SHALL BE CONCEALED IN WALL/CEILING IN NON-FALSE CEILING AREA
- SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL
- CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER
- PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS
- ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWING
- THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER IN CHARGE TO SUIT LEVEL AND SITE CONDITION
- A MINIMUM SEPARATION DISTANCE 300MM SHALL BE MAINTAINED BETWEEN ICT CABLING
- THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT
- PATHWAYS (CABLE TRAY/RACEWAY/CONDUITS) SHALL BE FILLED BY MAX 50%

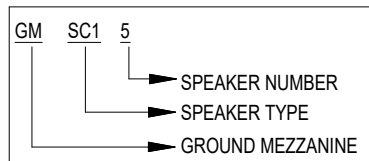
DATA VOICE

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LEGENDS

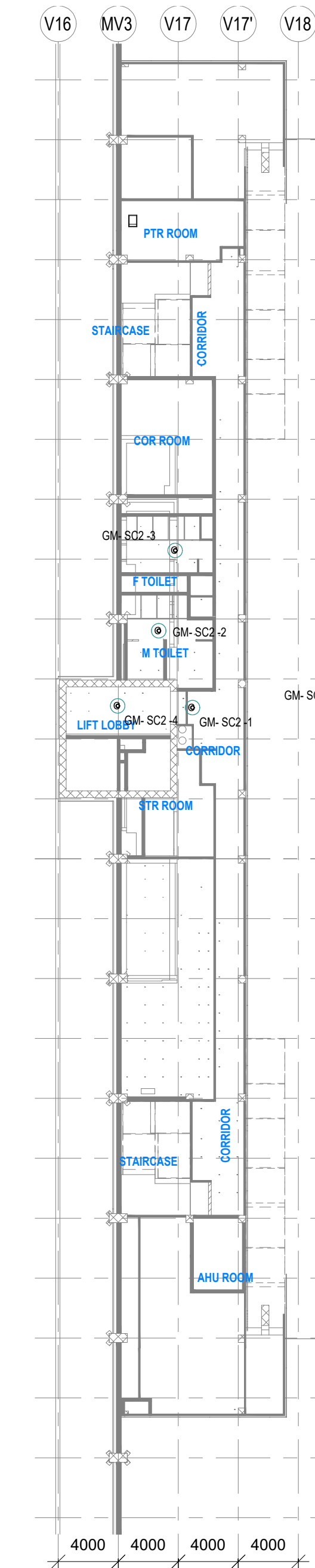
S.NO	SYMBOL	DESCRIPTION
1	C	CEILING MOUNTED
2	W	WALL MOUNTED
3	F	FLOOR MOUNTED

TAG NUMBER

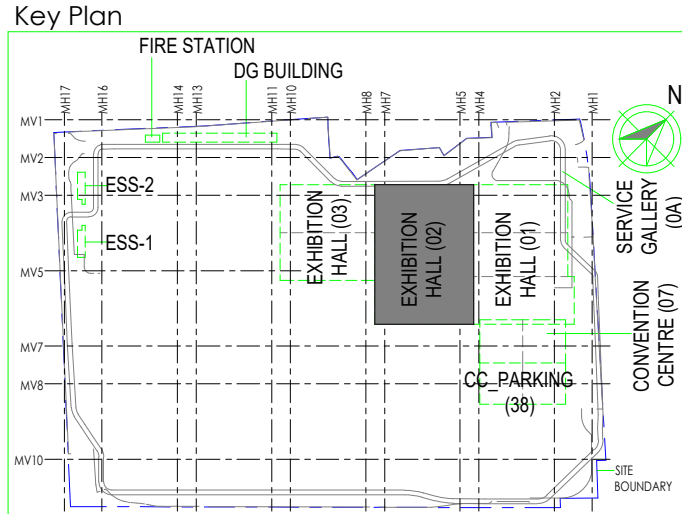


NOTE

**THE SHOWN BGM SPEAKERS ARE INDICATIVE ONLY AND SPL REPORT SHALL BE GENERATED BY OEM/VENDOR AT SHOP DRAWING STAGE TO MAINTAIN UNIFORM SPL LEVEL AS PER RFP



2 GROUND MEZZANINE BACK GROUND MUSIC LAYOUT
1 : 300



Owner / Employer

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Knowledge Partner

Delhi Mumbai Industrial Corridor Development Corporation
Room No. 341 B, 3rd Floor Hotel Ashok, Diplomatic Enclave, 538 Chanayapuri, New Delhi - 110021

Employer's Representative

Employer's Engineer
Programme Management Consultant (PMC)

AECOM

Preliminary Engineering Architecture Consultants (PEAC)

Av. Del Monasterio de El Escorial, 4, 28049 Madrid, Spain
No.D-1, Ashwini Building, Green Park, New Delhi, Delhi 110016, India

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Buildings & Factories
Mount Poonamallee Road, Manapakkam, P.B.No.979, Chennai - 600 089

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#47/1, 3rd Floor, Narayana Arcade, Subbaramachetty Road, Nellore City Circle, Basavanagudi, Bengaluru - 560004

Certification		
EPC Contractor		
Design Consultant		
Architectural Consultant		
Proof Consultant		
Structural	MEP	ICT
PEAC		
Issued by: Employer / Employer's Engineer		

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
RO	ISSUED AS GOOD FOR CONSTRUCTION	28/04/20	SP	PSY	MSK	GNR

EPC Contractor	 L&T Construction <i>Buildings & Factories</i>	
JOB No : O17203		

EPC Contractor

L&T Construction
Buildings & Factories

JOB No : O17203

Project Name
INDIA INTERNATIONAL CONVENTION & EXPO CENTRE - PHASE I
SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status

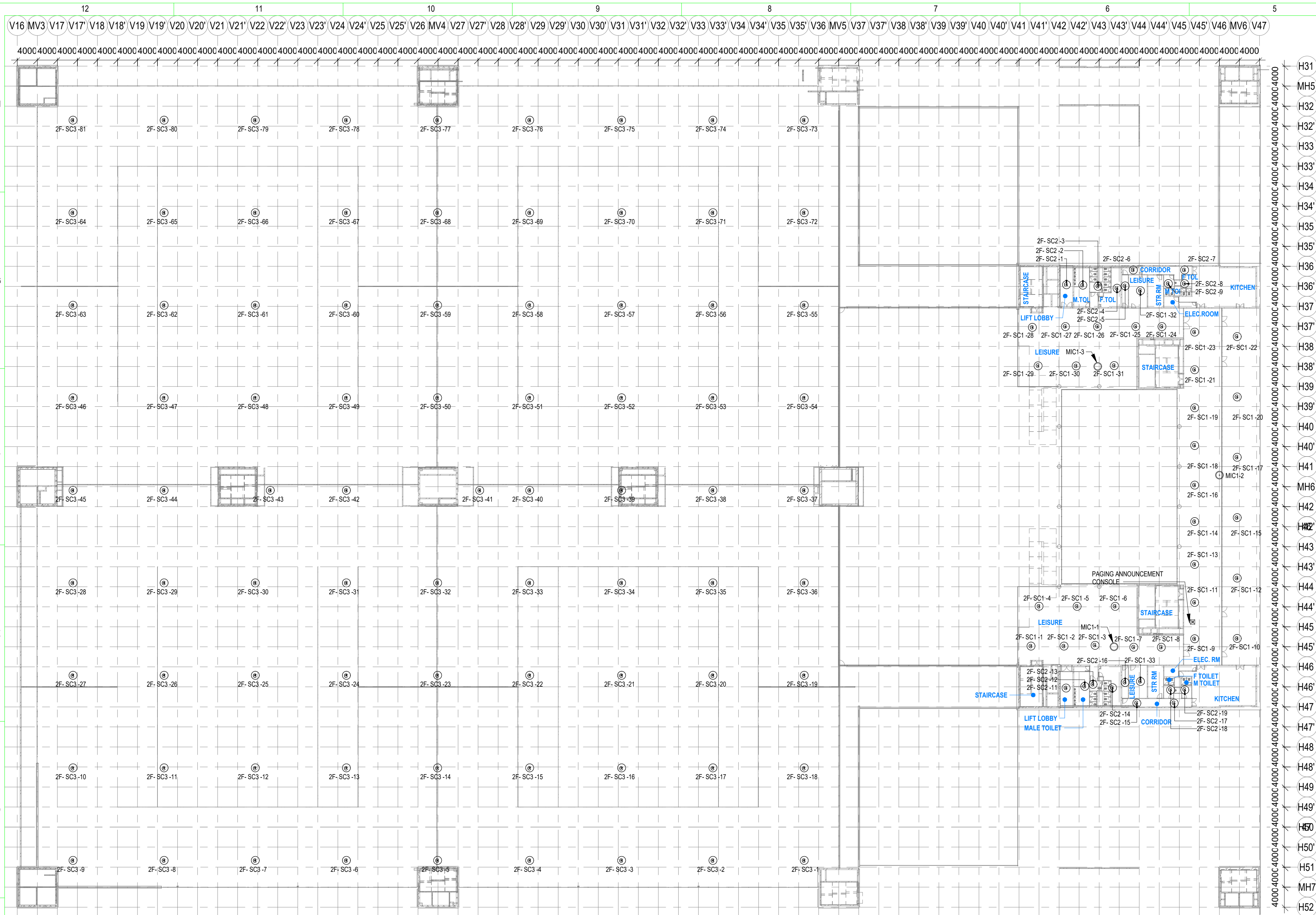
GOOD FOR CONSTRUCTION (GFC)

Drawing No	Rev. No
L 02	3005 R0

Title :
EXHIBITION HALL 2
FIRST FLOOR AND GROUND MEZZANINE BACK GROUND MUSIC LAYOUT

EDRC DWG No :
O17203 - L - SP - 02 - LV - 3005
Scale :
As indicated
Sheet Size :
A1

O17203 - L - SP - 02 - LV - 3007 (SECOND FLOOR BACK GROUND MUSIC LAYOUT)



1 SECOND FLOOR BACK GROUND MUSIC LAYOUT
1 : 500

LEGENDS

S.NO	SYMBOL	TENDER SPEC.NO	DESCRIPTION	MOUNTING HEIGHT	QTY
1	SC1	94	HIGH PROFILE 5" CEILING SPK.	CEILING MOUNT	33
2	SC2	96	4" LOW PROFILE 2 WAY CEILING SPK.	CEILING MOUNT	18
3	SC3	95	HIGH POWER 12" CEILING SPEAKER.	CEILING MOUNT	81
4	ERK	-	EQUIPMENT RACK	-	-
4		-	PAGING ANNOUNCEMENT CONSOLE	-	1
5		109	NOISE COMPENSATION MICROPHONE	CEILING MOUNT	3

NOTE

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NOTES

GENERAL

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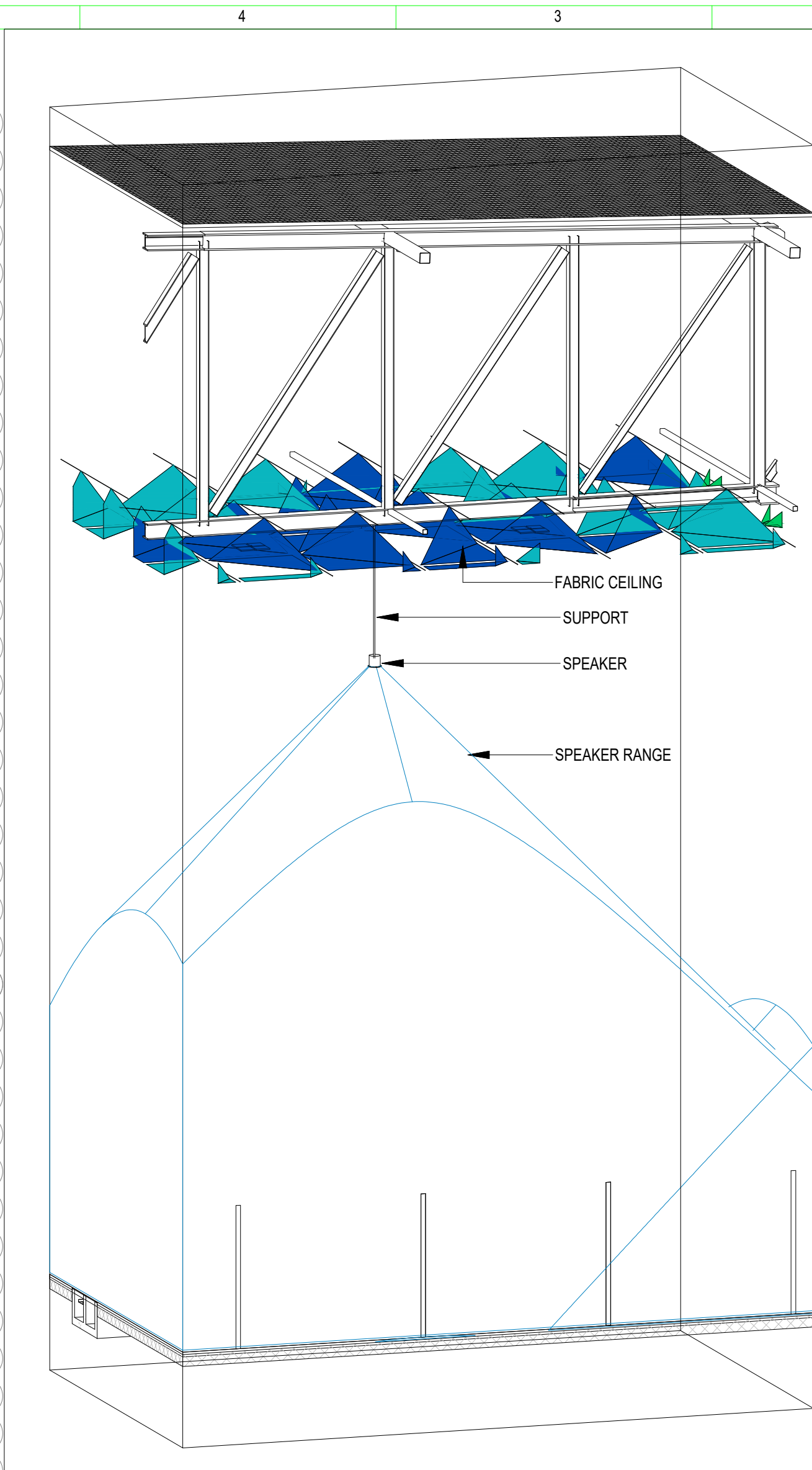
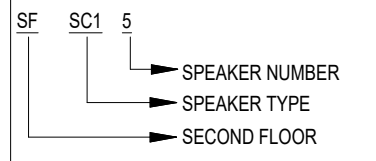
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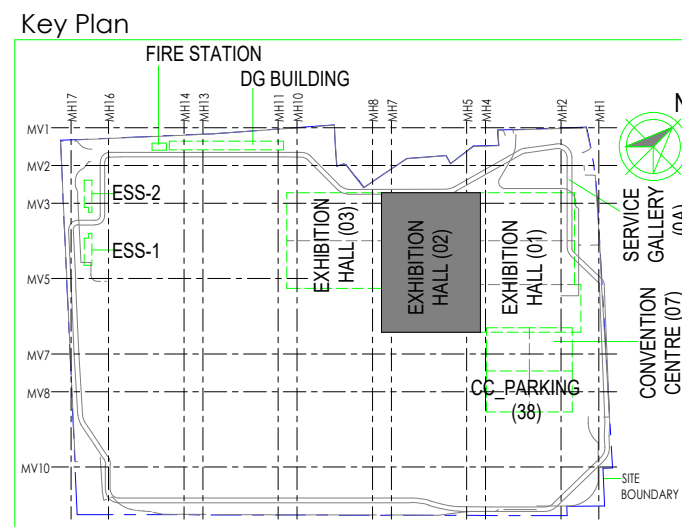
LEGENDS

S.NO	SYMBOL	DESCRIPTION
1	C	CEILING MOUNTED
2	W	WALL MOUNTED
3	F	FLOOR MOUNTED

TAG NUMBER



3 3D VIEW OF SC3 HALL SPEAKER



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Department of Industrial Policy and Promotion
Ministry of Commerce & Industry
Government of India

Knowledge Partner

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AECOM

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CPKUKREJA ARCHITECTS No.D-1, Ashiwad Building, Green Park, New Delhi, Delhi 110016, India

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Certification

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Structural	MEP	ICT

PEAC

Issued by:

Employer / Employer's Engineer

RO	ISSUED AS GOOD FOR CONSTRUCTION	28/04/20	SP	PSY	MSK	GNR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

Revisions

ARCHITECTURE	FPS				
STRUCTURAL	PIPING				
ELECTRICAL	PHE				
ELV SYSTEM	GIS				
HVAC	GEOTECH.				
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE

EPC Contractor

L&T Construction
Buildings & Factories

JOB No : O17203

Project Name

INDIA INTERNATIONAL CONVENTION & EXPO CENTRE - PHASE I
SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status

GOOD FOR CONSTRUCTION (GFC)

Drawing No

L	02	3007	R0
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Title :

EXHIBITION HALL 2
SECOND FLOOR BACK GROUND MUSIC LAYOUT

EDRC DWG No :

O17203 - L - SP - 02 - LV - 3007

Scale

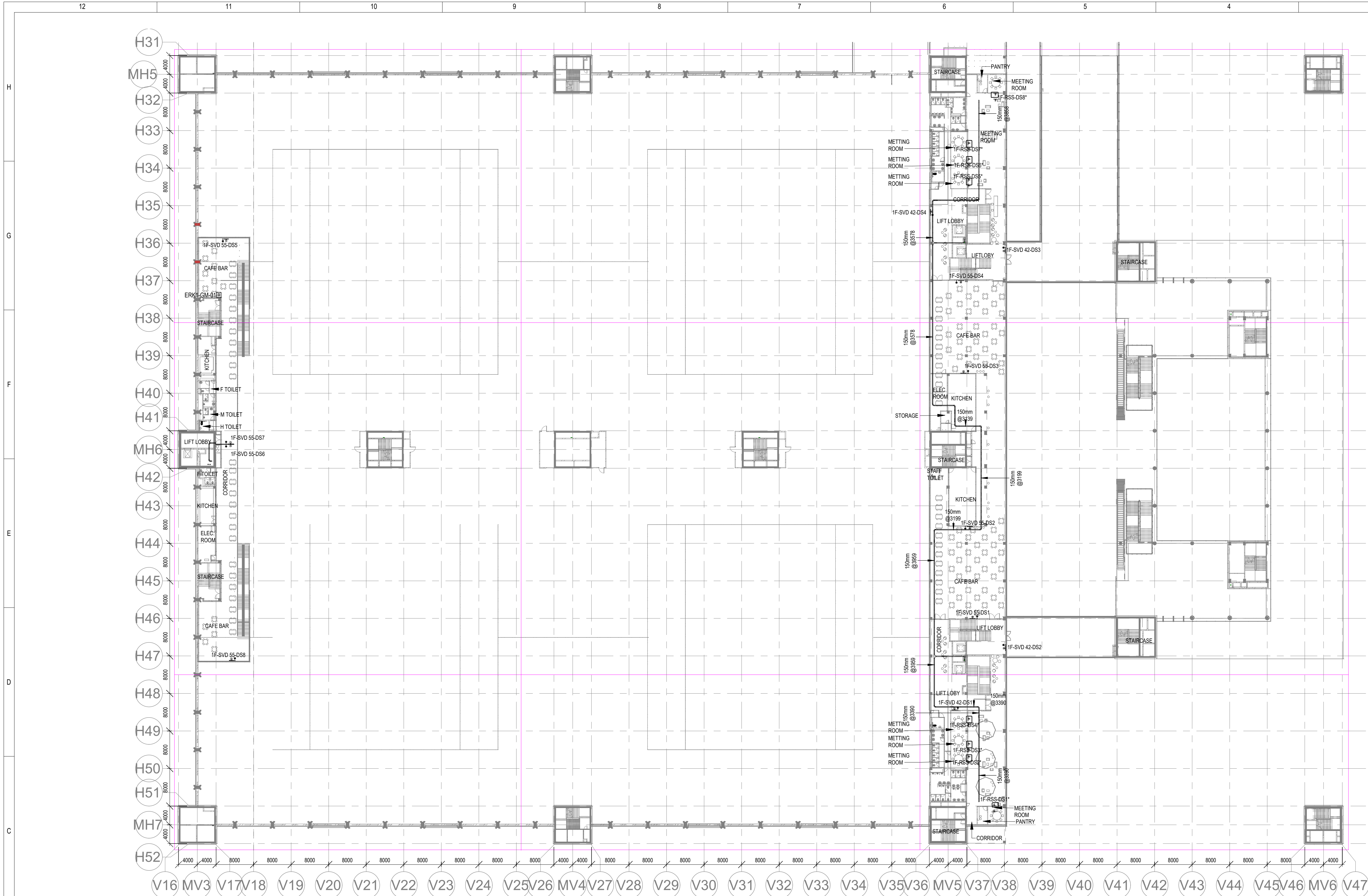
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Sheet Size

A1

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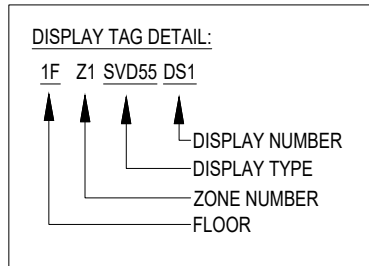
017203 - L - SP - 02 - LV - 3008 (EXHIBITION HALL 2 - FIRST FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT)



1 FIRST FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT
3008 1:450

- NOTES**
- GENERAL**
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
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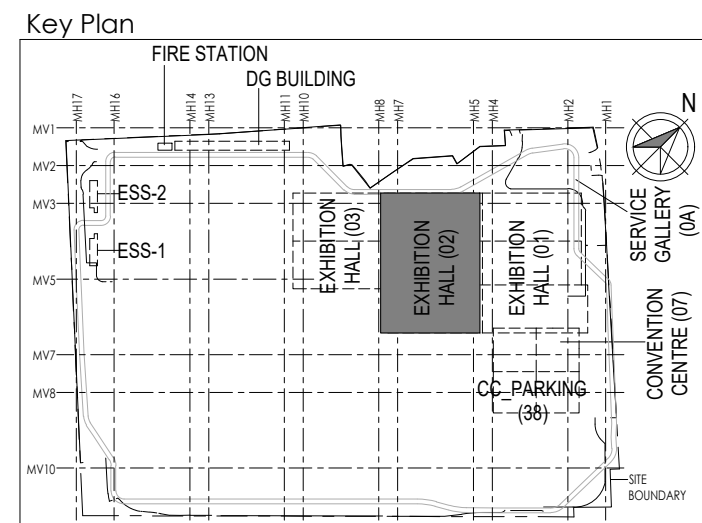
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LEGENDS

S.NO	SYMBOL	TENDER SPEC. NO.	DESCRIPTION	MOUNTING HEIGHT	QTY
1		240	LCDILED PANEL FULL HD 24X7 OPERATION 42"	1250mm FROM FFL	4
2		239	LCDILED PANEL FULL HD 24X7 OPERATION 55"	1250mm FROM FFL	8
3		-	DATA SOCKET	1250mm FROM FFL	12
4		-	ROOM SCHEDULER DISPLAY*	WALL MOUNTING 1500 mm FROM FFL	8

S.NO	SYMBOL	DESCRIPTION
1		CEILING MOUNTING / SUSPENDED
2		WALL MOUNTING
3		FLOOR MOUNTING



Owner / Employer

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Room No. 452A, Ministry of Commerce & Industry,
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Department of Industrial Policy and Promotion Ministry of Commerce & Industry Government of India

Knowledge Partner

Delhi Mumbai Industrial Corridor Development Corporation
Room No. 341 B, 3rd Floor Hotel Ashok, Diplomatic Enclave, 50B Chanakyapuri, New Delhi - 110021

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No.D-1, Ashwini Building, Green Park, New Delhi, Delhi 110016, India

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Architectural Consultant		
Proof Consultant		
Structural	MEP	ICT
PEAC		
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RO	ISSUED AS GOOD FOR CONSTRUCTION	24-04-2022	PSH/SP	PSY	MSK	GMR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
Revisions						
ARCHITECTURE			IPS			
STRUCTURAL			PIPING			
ELECTRICAL			PHE			
ELV SYSTEM			GIS			
HVAC			GEOTECH.			
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE	

EPC Contractor

L&T Construction Buildings & Factories

JOB No : 017203

Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No
L 02 3008 R0

Rev. No

Title :

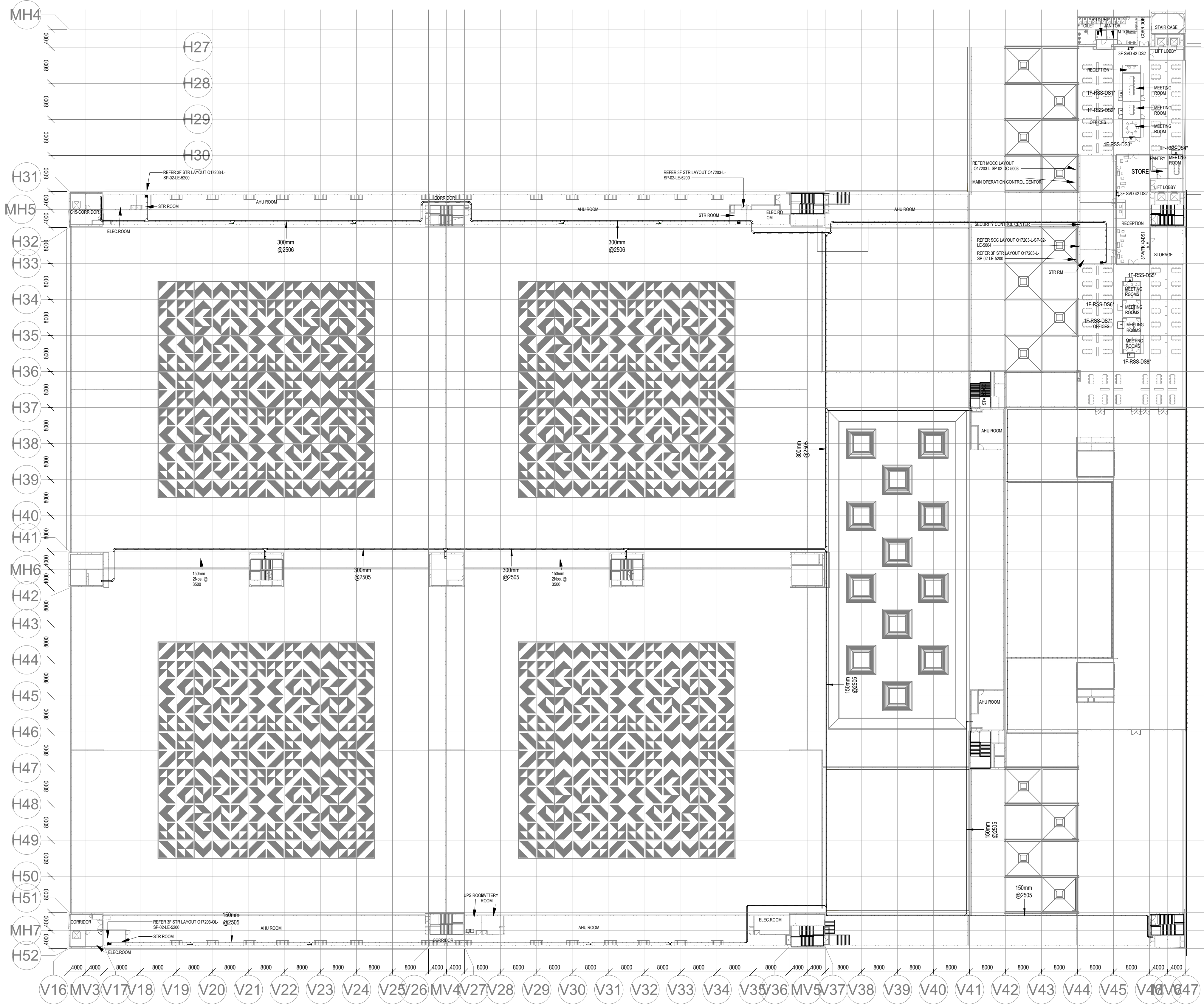
EXHIBITION HALL-02

EXHIBITION HALL 2 - FIRST FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT

EDRC DWG No : 017203 - L - SP - 02 - LV - 3008 Scale As indicated Sheet Size A1

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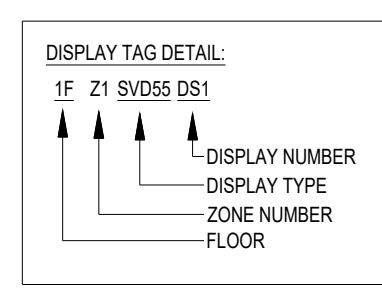
017203 - L - SP - 02 - LV - 3010 (EXHIBITION HALL 2 - THIRD FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT)



1 THIRD FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT
3010 1:500

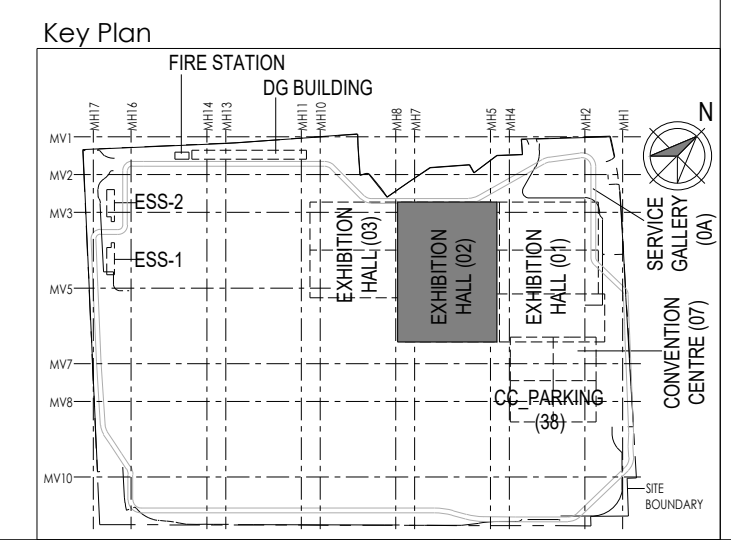
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S.NO	SYMBOL	TENDER SPEC. NO.	DESCRIPTION	MOUNTING HEIGHT	QTY
1		240	LCD/LED PANEL FULL HD 24X7 OPERATION 42"	1250mm FROM FFL	2
2		237	WAY FINDING KIOSK WITH 49" INTERACTIVE SCREEN	FLOOR MOUNTING	1
3		-	DATA SOCKET	1250mm FROM FFL	3
4		-	ROOM SCHEDULER DISPLAY*	WALL MOUNTING 1500mm FROM FFL	8

S.NO	SYMBOL	DESCRIPTION
1		CEILING MOUNTING / SUSPENDED
2		WALL MOUNTING
3		FLOOR MOUNTING



Owner / Employer

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Department of Industrial Policy and Promotion Ministry of Commerce & Industry Government of India

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Structural	MEP	ICT
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PEAC

Issued by:
Employer / Employer's Engineer

R0	ISSUED AS GOOD FOR CONSTRUCTION	24/04/2020	PSH/SP	PSY	MSK	GMR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

Revisions

ARCHITECTURE			IPS			
STRUCTURAL			PIPING			
ELECTRICAL			PHE			
ELV SYSTEM			GIS			
HVAC			GEOTECH.			

CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE
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EPC Contractor

L&T Construction Buildings & Factories

JOB No : 017203

Project Name

DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status

GOOD FOR CONSTRUCTION (GFC)

Drawing No **Rev. No**

L	02	3010	R0
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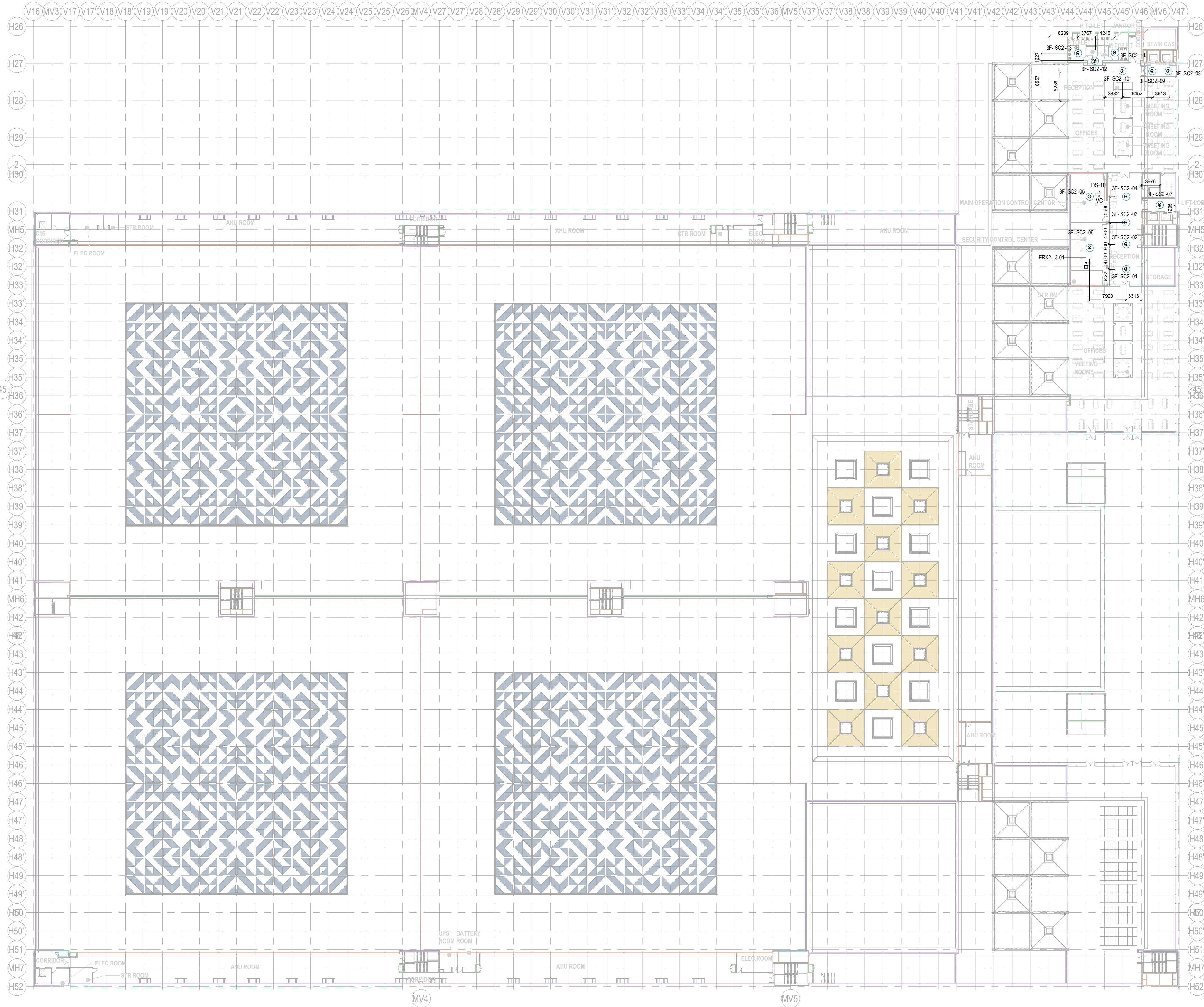
Title :

EXHIBITION HALL-02

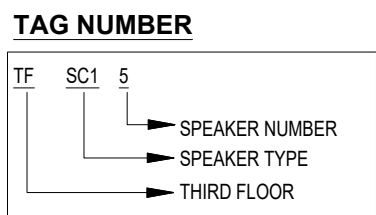
EXHIBITION HALL 2 - THIRD FLOOR DIGITAL SIGNAGE SYSTEM LAYOUT

EDRC DWG No :	Scale	Sheet Size
017203 - L - SP - 02 - LV - 3010	As indicated	A1

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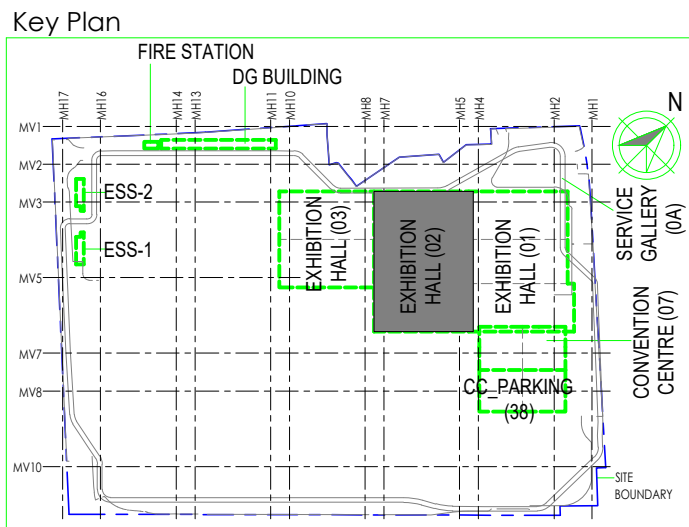


① THIRD FLOOR BACK GROUND MUSIC LAYOUT
1 : 500



LEGENDS				
S.NO	SYMBOL	TENDER SPEC.NO	DESCRIPTION	MOUNTING HEIGHT
1	SC2	96	4" LOW PROFILE 2 WAY CEILING SPK.	CEILING MOUNT
2	DS-10		PAGING STATION	DESK MOUNTED
3	VC		VOLUME CONTROL	DESK MOUNTED
4	ERK		EQUIPMENT RACK	FLOOR MOUNT

- NOTES**
- GENERAL**
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
 - EXACT ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH ENGINEERING IN CHARGE TO SUIT SITE CONDITIONS
 - PVC CONDUIT SHALL BE USED FOR EMBEDDED APPLICATION AND MS CONDUIT USED FOR OPEN APPLICATION
 - CONDUITS SHALL BE CONCEALED IN WALL/CEILING IN NON-FALSE CEILING AREA
 - SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL
 - CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER
 - PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS
 - ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE OEM SHOP DRAWING
 - THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION
 - A MINIMUM SEPARATION DISTANCE 300MM SHALL BE MAINTAINED BETWEEN ICT CABLING
 - THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT
 - PATHWAYS (CABLE TRAY/RACEWAY/CONDUITS) SHALL BE FILLED BY MAX 50%
- DATA VOICE**
- CAT 6A, 4 PAIR, 23 AWG, U/UTP CABLE SHALL BE USED TO CONNECT RJ 45 DATA/VOICE SOCKETS TO JACK PANEL
 - HORIZONTAL CABLES SHALL BE TERMINATED ON THE RJ-45 OUTLETS AT THE WORK AREA AND PATCH PANEL AT THE RACK IN NEAREST STR ROOM
 - HORIZONTAL CABLES SHALL BE TAKEN THROUGH MS / PVC CONDUITS / CABLE TRAY
 - THE WALL MOUNTED DATA SOCKETS FOR DIGITAL SIGNAGE SHALL BE ALIGNED AT A HEIGHT OF 1250/1200MM FROM FFL
 - TYPICAL HEIGHT FOR 55" AND 42" DISPLAYS FROM THE FLOOR LEVEL SHOULD BE RESPECTIVELY 3.85 AND 4.13 FEET FROM THE FINAL FLOOR LEVEL
 - AVERAGE INDIAN HUMAN HEIGHT CONSIDERED IS 5 FEET 4.9 INCHES AND ACCORDINGLY DISPLAY HEIGHTS FROM THE FLOOR LEVEL HAVE BEEN CALCULATED TO KEEP IT IN THE ACTIVE ATTENTION ZONE OF THE VIEWER



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Revisions

ARCHITECTURE			FPS			
STRUCTURAL			PIPPING			
ELECTRICAL			PHE			
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HVAC			GEOTECH.			
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JOB No : O17203

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Drawing Status
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EXHIBITION HALL 2
THIRD FLOOR BACK GROUND MUSIC LAYOUT

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