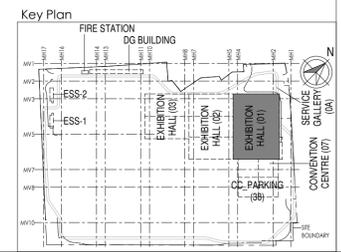


1
2000
GROUND FLOOR DATA & VOICE OVER ALL LAYOUT
1:400

- 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 O&M SHOP DRAWINGS.
 - 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.
 - 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.
 - METALLO PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT
 - ALL NETWORKING CABLE TO BE CONNECTED IN STR ROOM
 - FOR DIGITAL SIGNAGE SYSTEM, AV SYSTEM & BGM REFER AV SYSTEM LAYOUT.
 - REFER STAIRCASE ELECTRICAL LIGHTING LAYOUT FOR ELV EQUIPMENTS LOCATIONS IN STAIRCASE (REFER DRAWING NO 017203-E-SP-01-L-146 TO-150)
 - ACCESS CONTROLLER TO BE PLACED ABOVE THE DOOR. SECURED SIDE INACCESSIBLE FROM PUBLIC.
- DATA & VOICE**
- 4 PAIR 23 AWG CAT6A UTP CABLE TO BE USED TO CONNECT RJ 45 DATA VOICE SOCKETS TO JACK PANEL.
 - WHEREVER POWER AND LV CABLES ARE RUNNING IN PARALLEL, THEY SHALL BE SEPARATED BY A DISTANCE OF MINIMUM 300MM.
 - AREAS AND MEP ROOMS CABLES FOR DATA & VOICE SHALL BE TAKEN FROM CEILING CONDUIT.
 - 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.
 - TYPICALLY FOR EACH STALL 2 DATA / VOICE AND 1 FIBER (FO MM) PORT
- DAS**
- 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.



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R0	ISSUED AS GOOD FOR CONSTRUCTION	16-08-2019	SP	PSY	MSK	GNR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

Revisions

ARCHITECTURE	PIPING	FFS
STRUCTURAL	PHE	-
ELECTRICAL	GIS	-
ELV SYSTEM	GEOTECH.	-
HVAC	CHECKED BY	DATE

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L&T Construction
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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 01 2000 R0

Rev. No
R0

Title :
EXHIBITION HALL-01
EXHIBITION HALL 1+ Foyer GF DATA & VOICE OVER ALL LAYOUT

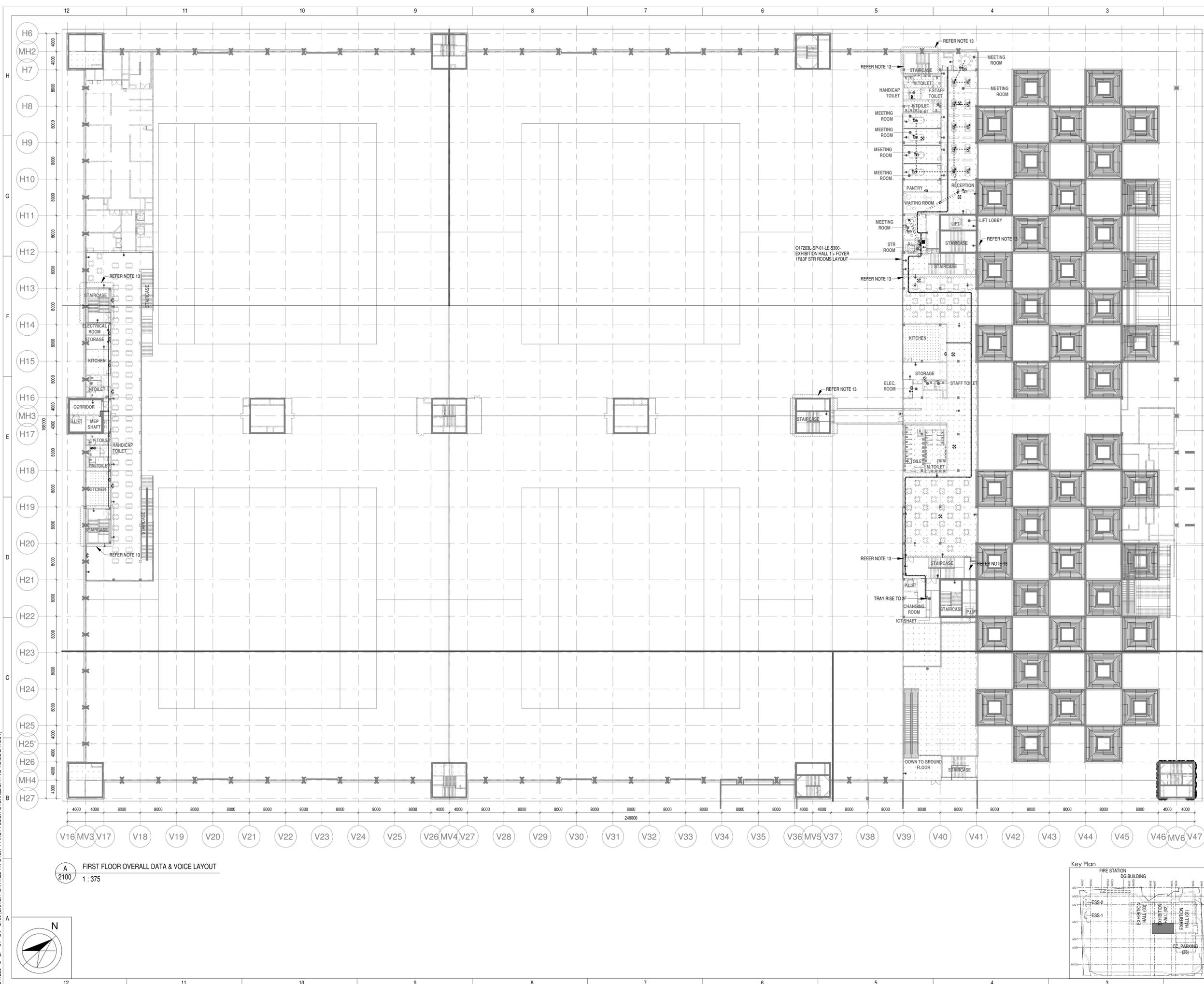
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017203-L-SP-01-DV-2000

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As indicated

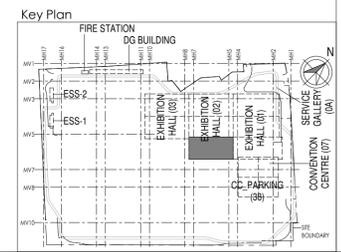
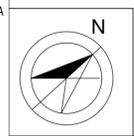
Sheet Size
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017203-L-SP-01-DV-2000 EXHIBITION HALL 1+ Foyer GF DATA & VOICE OVER ALL LAYOUT

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A
2100
FIRST FLOOR OVERALL DATA & VOICE LAYOUT
1:375



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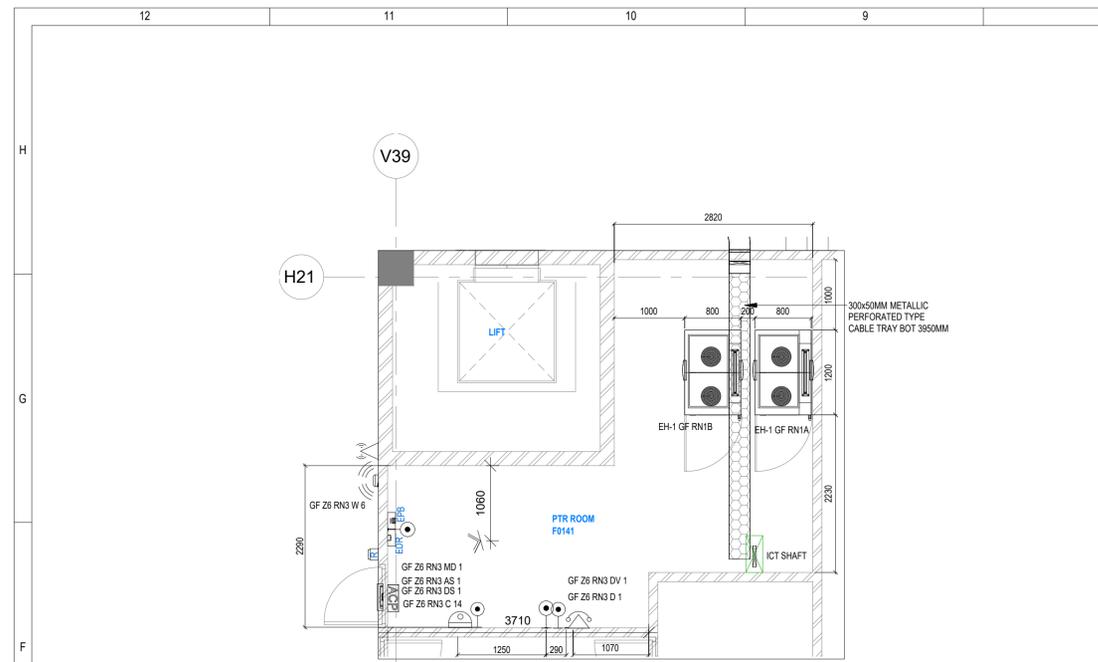
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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
Revisions						
ARCHITECTURE			FFS			
STRUCTURAL			PIPING			
ELECTRICAL			PHE			
ELV SYSTEM			GIS			
HVAC			GEOTECH.			
CHECKED BY	SIGN	DATE	CHECKED BY	SIGN	DATE	

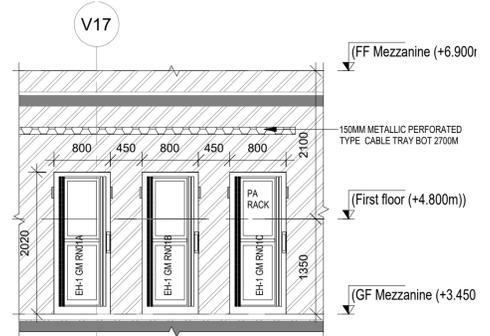
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L&T Construction
Buildings & Factories
JOB No : 017203
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA
Drawing Status
GOOD FOR CONSTRUCTION (GFC)
Drawing No
L 01 2100 R0
Rev. No
R0
Title :
EXHIBITION HALL-01
EXHIBITION HALL 1+FOYER-1 FIRST FLOOR OVERALL DATA & VOICE LAYOUT
EDRC DWG No :
017203 - L - SP - 01 - DV - 2100
Scale
1:375
Sheet Size
A1

017203 - L - SP - 01 - DV - 2100 EXHIBITION HALL 1+FOYER-1 FIRST FLOOR OVERALL DATA & VOICE LAYOUT

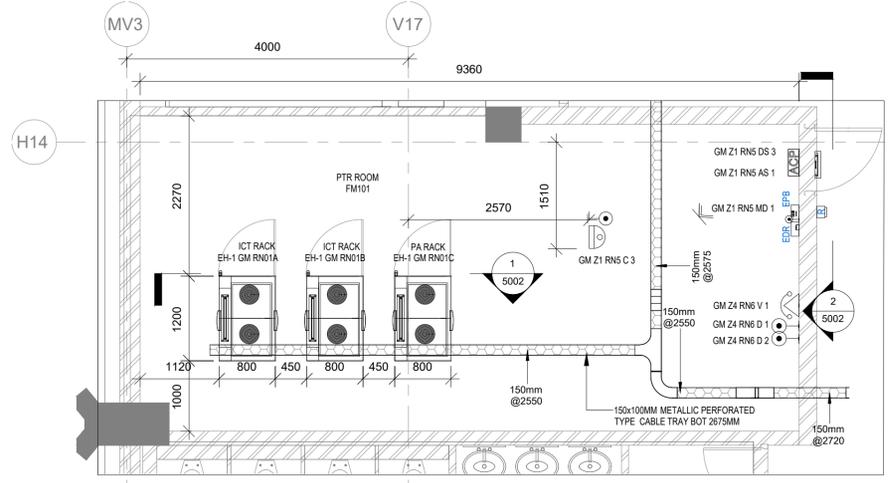
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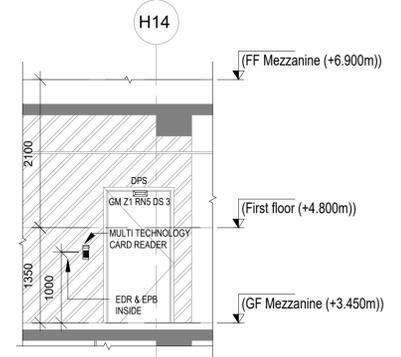
A GF PTR ROOM LAYOUT
1:50



1 SECTION 1
1:50



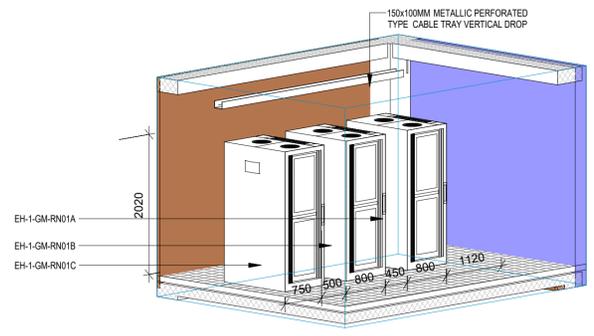
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1:50



2 SECTION 2
1:50

LEGENDS:

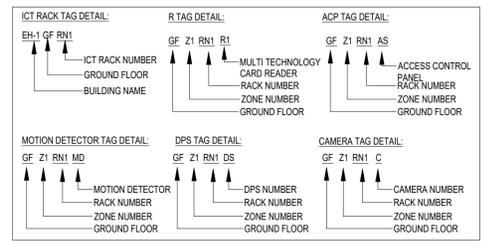
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2	[Symbol]	DOOR POSITION SENSOR	ON DOOR
3	[Symbol]	EXIT PUSH BUTTON	1000mm ABOVE FFL
4	[Symbol]	MULTI TECHNOLOGY CARD READER	1000mm ABOVE FFL
5	[Symbol]	EMERGENCY DOOR RELEASE	1000mm ABOVE FFL
6	[Symbol]	MOTION DETECTOR	SURFACE MOUNTED
7	[Symbol]	ACCESS CONTROL PANEL	2250mm ABOVE FFL
8	[Symbol]	42 U ICT NETWORK RACK	FLOOR MOUNTED
9	[Symbol]	19 U ICT NETWORK RACK	WALL MOUNTED
10	[Symbol]	300MM(WX50MM(H)) METALLIC PERFORATED TYPE CABLE TRAY	MADE OF HOT DIP GALVANIZED SHEETS
11	[Symbol]	150MM(WX50MM(H)) METALLIC PERFORATED TYPE CABLE TRAY	MADE OF HOT DIP GALVANIZED SHEETS
12	[Symbol]	TELEPHONE SOCKET	750mm ABOVE FFL
13	[Symbol]	DATA SOCKET	750mm ABOVE FFL
13	[Symbol]	WIFI	WALL MOUNTED



3 PTR ROOM RACKS
5002

ABBREVIATION

ACP	- ACCESS CONTROL PANEL
DPS	- DOOR POSITION SENSOR
RN	- ICT NETWORK RACK
EP	- EXIT PUSH BUTTON
MR	- MULTI TECHNOLOGY CARD READER
MD	- MOTION DETECTOR
ER	- EMERGENCY DOOR RELEASE

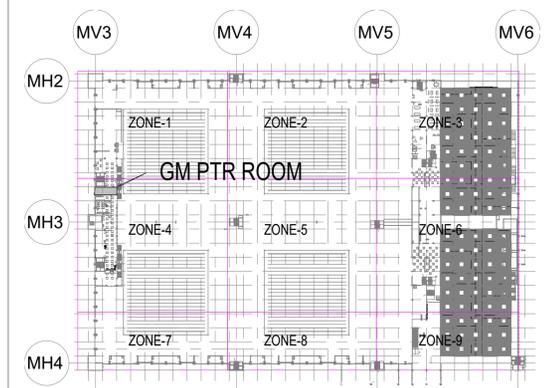


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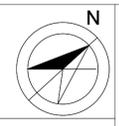
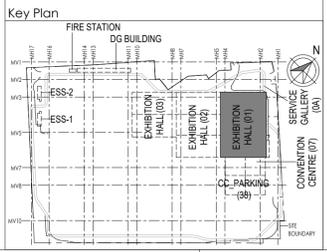
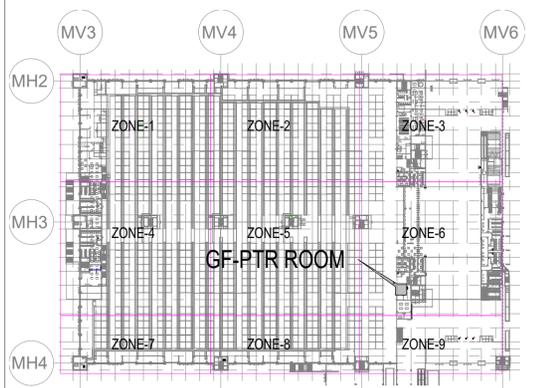
GENERAL

- 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/CILING 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.
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- ACCESS CONTROLLER TO BE PLACED ABOVE THE DOOR. SECURED SIDE INACCESSIBLE FROM PUBLIC. DAS
- THE DAS SYSTEM FOR MOBILE CARRIERS WILL BE DONE AFTER SITE SURVEY BY SPECIALIST ONCE STRUCTURE IS READY. AND EPCO WILL ENSURE THE DAS COVERAGE

ELV GM ZONE DEMARICATION



ELV GF ZONE DEMARICATION



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Revisions

NO	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
1	ISSUED AS GOOD FOR CONSTRUCTION	16-08-2019	SP	PSY	MSK	GMR

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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

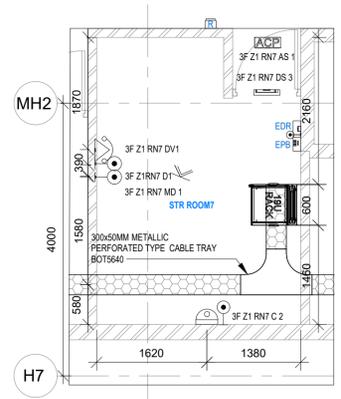
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Title :
EXHIBITION HALL-01 EXHIBITION HALL 1+ FOYER GF & MEZZANINE PTR ROOMS LAYOUT

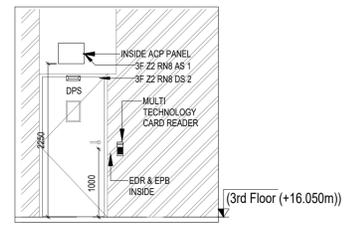
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O17203 - L - SP - 01 - LE - 5002 EXHIBITION HALL 1+ FOYER GF & MEZZANINE PTR ROOMS LAYOUT

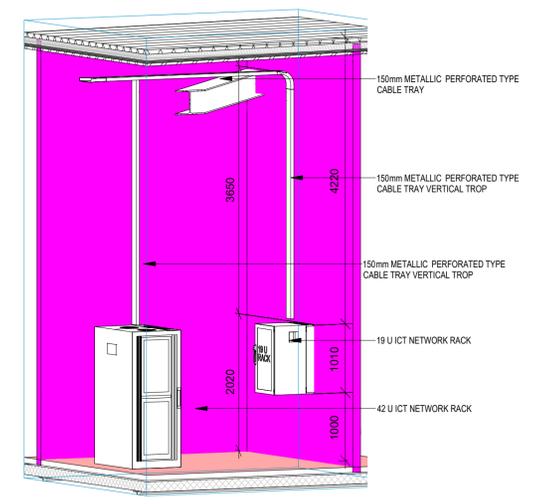
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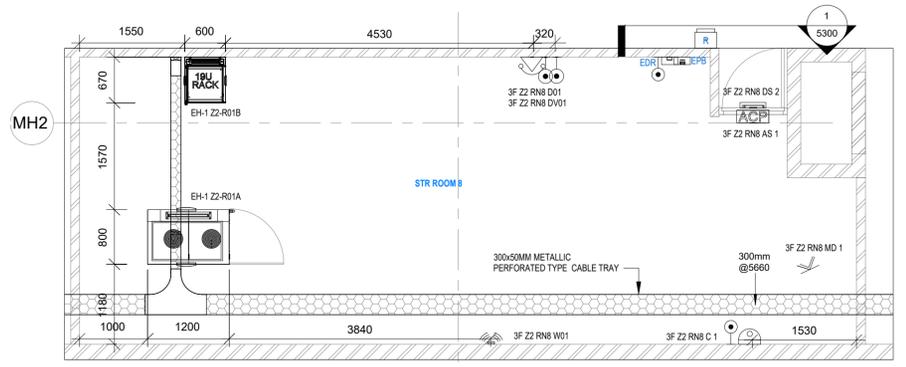
3F STR ROOM 1 LAYOUT
1: 50



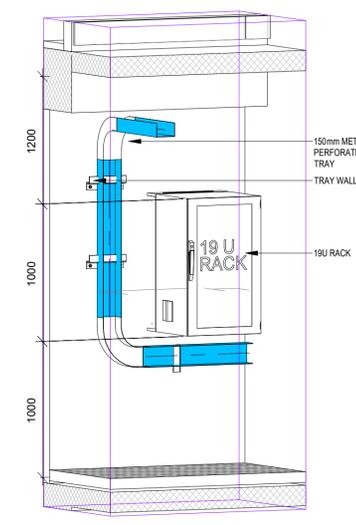
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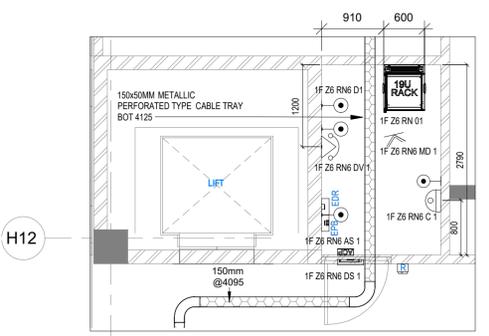
42U ICT NETWORK RACK
1: 50



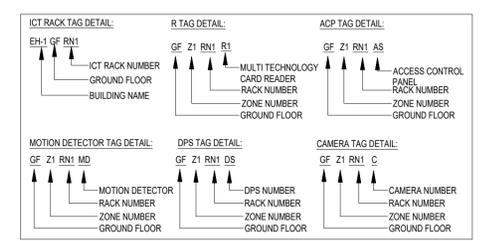
3F STR ROOM 2 LAYOUT
1: 50



19U ICT NETWORK RACK
1: 50



1F STR ROOM LAYOUT
1: 50



LEGENDS:

SL. NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1	[Symbol]	INDOOR FIXED DOME CAMERA	WALL / SURFACE MOUNTED
2	[Symbol]	DOOR POSITION SENSOR	ON DOOR
3	[Symbol]	EXIT PUSH BUTTON	1000mm ABOVE FFL
4	[Symbol]	MULTI TECHNOLOGY CARD READER	1000mm ABOVE FFL
5	[Symbol]	EMERGENCY DOOR RELEASE	1000mm ABOVE FFL
6	[Symbol]	MOTION DETECTOR	SURFACE MOUNTED
7	[Symbol]	ACCESS CONTROL PANEL	2250mm ABOVE FFL
8	[Symbol]	42 U ICT NETWORK RACK	FLOOR MOUNTED
9	[Symbol]	19 U ICT NETWORK RACK	WALL MOUNTED
10	[Symbol]	300MM(W)x500MM(H) METALLIC PERFORATED TYPE CABLE TRAY	-
11	[Symbol]	DATA SOCKET	750mm ABOVE FFL
12	[Symbol]	VOICE SOCKET	750mm ABOVE FFL
13	[Symbol]	WIFI	WALL MOUNTED

- NOTES:**
- GENERAL**
- CONDUITS IN EXPOSED MS CONDUIT TO BE USED.
 - OVER FALSE CEILING UNDER FLOOR OR EMBEDDED PVC CONDUITS TO BE USED.
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 - METALLIC PERFORATED TYPE HOT DIP GALVANIZED CABLE TRAY FOR ICT
 - ALL NETWORK CABLES 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. 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 CAMERA'S 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 MAIN INTEGRATION PROTOCOL SHALL BACNET OVER TCP/IP & BACNET OVER MSTP.
 - PREFER 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.

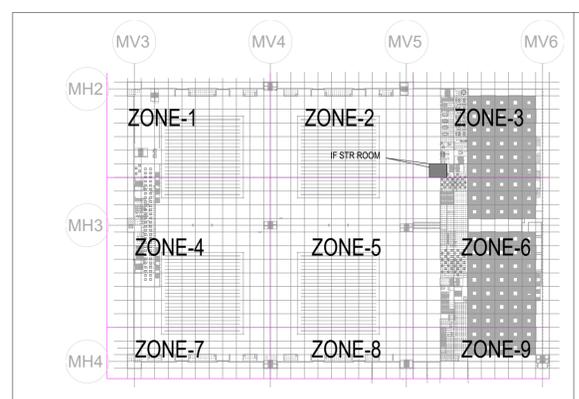
REFERENCE DRAWINGS:

DISCIPLINE	DRAWING NO
ARCHITECTURAL	O17203-A-SP-01-WD-0004
STRUCTURAL	O17203-C-SP-01-NU-3006
ELECTRICAL EQUIPMENT & CABLE TRAY LAYOUT	O17203-E-SP-01-EE-0030
ELV	O17203-L-SP-01-LV-1000 O17203-L-SP-01-LV-5000
HVAC	O17203-V-SP-01-VS-1003
FPS SCHEME	O17203-F-SP-01-PL-0010
FIRE ALARM SCHEME	O17203-F-SP-01-FA-0011

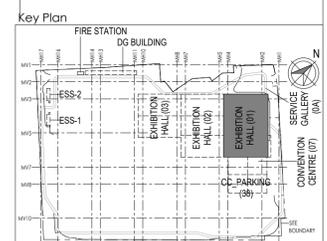
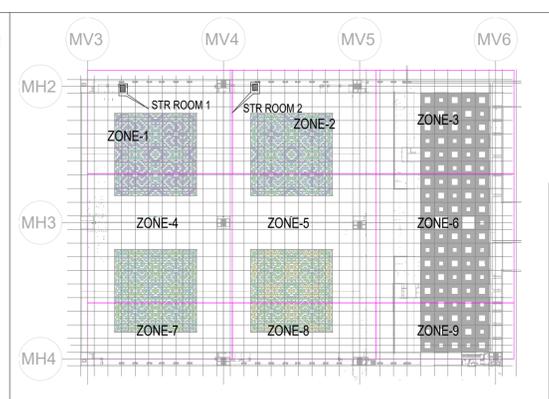
ABBREVIATION

ACP	ACCESS CONTROL PANEL
DPS	DOOR POSITION SENSOR
RN	ICT NETWORK RACK
EP	EXIT PUSH BUTTON
RN	MULTI TECHNOLOGY CARD READER
MD	MOTION DETECTOR
ER	EMERGENCY DOOR RELEASE

ELV 1F ZONE DEMARCATION



ELV 3F ZONE DEMARCATION



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Architectural Consultant

ARCOP Arcop Associates Pvt. Ltd.
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Egis India Consulting Engineers Pvt. Ltd.
Plot No. 66, Sector 32, Institutional Area, Opp: Zenith Solutions, Gurugram, Haryana 122001

ICT Proof Consultant

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Structural	MEP	ICT	

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		16-08-2019	SP	PSY	MSK	GNR

Revisions

NO	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

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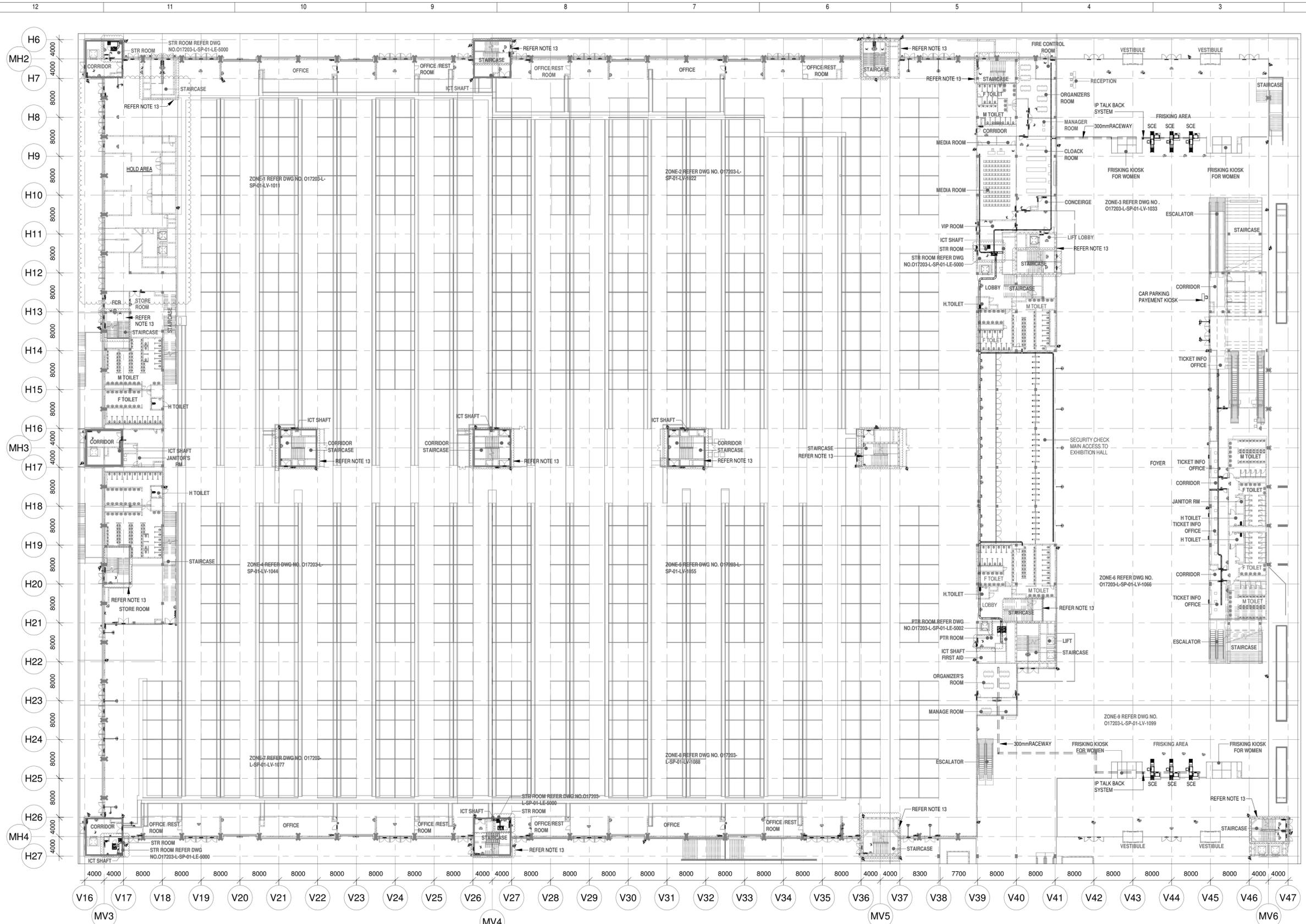
JOB No : O17203
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No: L 01 5300 Rev.No: R0

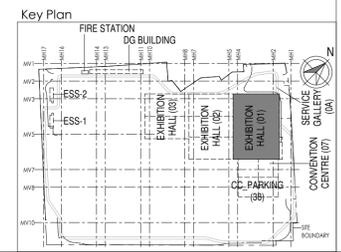
Title :
EXHIBITION HALL-01
EXHIBITION HALL 1+ FOYER 1F & 3F STR ROOMS LAYOUT

EDRC DWG NO :	Scale	Sheet Size
O17203-L-SP-01-LE-5300	As indicated	A1



1
1000
GROUND FLOOR ELV SYSTEM LAYOUT OVERALL PLAN
1 : 400

- 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 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 NETWORKING CABLE TO BE CONNECTED IN STR ROOM
 - FOR DIGITAL SIGNAGE SYSTEM, AV SYSTEM & BGM REFER AV SYSTEM LAYOUT.
 - REFER STAIRCASE ELECTRICAL LIGHTING LAYOUT FOR ELV EQUIPMENT'S LOCATIONS IN STAIRCASE (REFER DRAWING NO O17203-E-SP-01-LV-146 TO-150)
 - 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 20mm 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 PFL 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 BACKUP OVER TOP/IP & BACKUP 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 EPC WILL ENSURE THE DAS COVERAGE.



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

Employer's Representative
Employer's Engineer
Programme Management Consultant (PMC)
AECOM
Preliminary Engineering Architecture Consultants (PEAC)
idom CPKUREJA ARCHITECTS
Av. Del Monasterio de El Escorial, 4 No.D-1, Ashrad Building, Green Park, 28049 Madrid, Spain No.D-1, Ashrad Building, Green Park, New Delhi, Delhi 110016, India

EPC Contractor
L&T Construction Buildings & Factories
Mount Poonamallee Road, Manapakkam, P.O.No.979, Chennai - 600 089

EPC Contractor's Representatives
Design Consultant
Engineering Design and Research Center (EDRC)
L&T Construction - Buildings & Factories
Architectural Consultant
ARCOP Arcop Associates Pvt. Ltd.
A-15, Pamposh Enclave, G.K-1 New Delhi, Delhi 110048, India
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MEP Proof Consultant
Egis India Consulting Engineers Pvt. Ltd.
Plot No. 66, Sector 32, Institutional Area, Connaught Place, Gurugram, Haryana 122001
ICT Proof Consultant
CKR Consulting Engineers Pvt. Ltd.
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R0	ISSUED AS GOOD FOR CONSTRUCTION	16-08-2019	SP	PSY	MSK	GNR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD

Revisions

ARCHITECTURE	PIPING	FFS
STRUCTURAL	PHE	-
ELECTRICAL	GIS	-
ELV SYSTEM	GIS	-
HVAC	GEOTECH.	-

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)

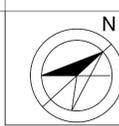
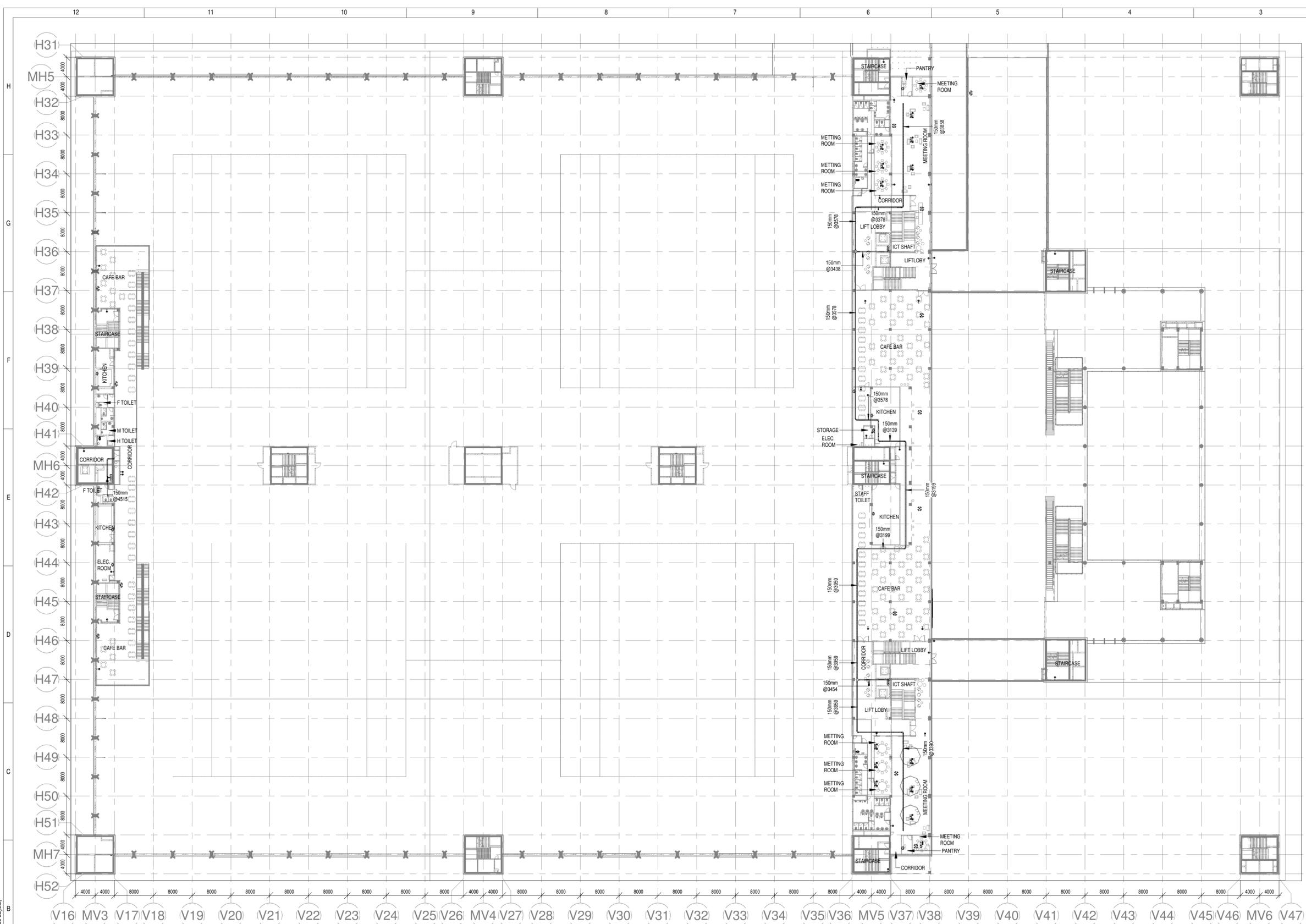
Drawing No	Rev. No
L 01	1000 R0

Title:
EXHIBITION HALL-01
Exhibition Hall 1 + Foyer GF Over All ELV System Layout

EDRC DWG No.: O17203-L-SP-01-LV-1000
Scale: As indicated
Sheet Size: A1

O17203 - L - SP - 01 - LV - 1000 (Exhibition Hall 1 + Foyer GF Over All ELV System Layout)

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 Delhi Mumbai Industrial Corridor Development Corporation
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Employer's Representative
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 Programme Management Consultant (PMC)
AECOM

Preliminary Engineering Architecture Consultants (PEAC)
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EPC Contractor
L&T Construction
 Buildings & Factories
 Mount Poonamallee Road, Manapakkam, P.O.No.779, Chennai - 600 089

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 Design Consultant
 Engineering Design and Research Center (EDRC)
 L&T Construction - Buildings & Factories

Architectural Consultant
 ARCO P Arcop Associates Pvt. Ltd.
 A-15, Pamposh Enclave, G.K-1 New Delhi, Delhi 110048, India

Structural Proof Consultant
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 Sardar Patel Rd, Opposite to C. L.R.J. Adyar, Chennai, Tamil Nadu 600036

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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	27-08-2019	SP	PSY	MSK	GMR

REVISIONS	DATE	BY	CHKD	APPD	
ARCHITECTURE			PPS		
STRUCTURAL			PIPING		
ELECTRICAL			PHE		
ELV SYSTEM			GIS		
HVAC			GEOTECH.		
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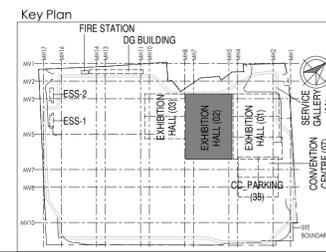
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No: **L 02 2100** Rev. No: **R0**

Title:
EXHIBITION HALL-02
 Exhibition Hall 2 + Foyer 1F Over All Data & Voice Layout

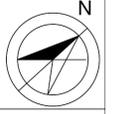
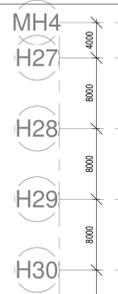
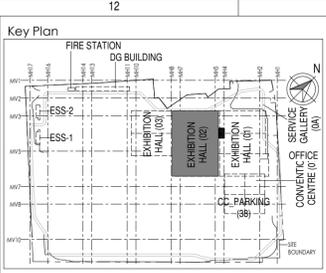
EDRC DWG No : 017203 - L - SP - 02 - DV - 2100	Scale 1 : 400	Sheet Size A1
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NOTE: WIFI ACCESS POINTS ARE INDICATIVE, THE WAP SHALL BE PLACED BASED IN FINAL SITE SURVEY BY VENDOR

O17203 - L - SP - 02 - DV - 2100 Exhibition Hall 2 + Foyer 1F Over All Data & Voice Layout

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Revisions

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	24-08-2019	SP	PSY	MSK	GNR

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JOB No : O17203
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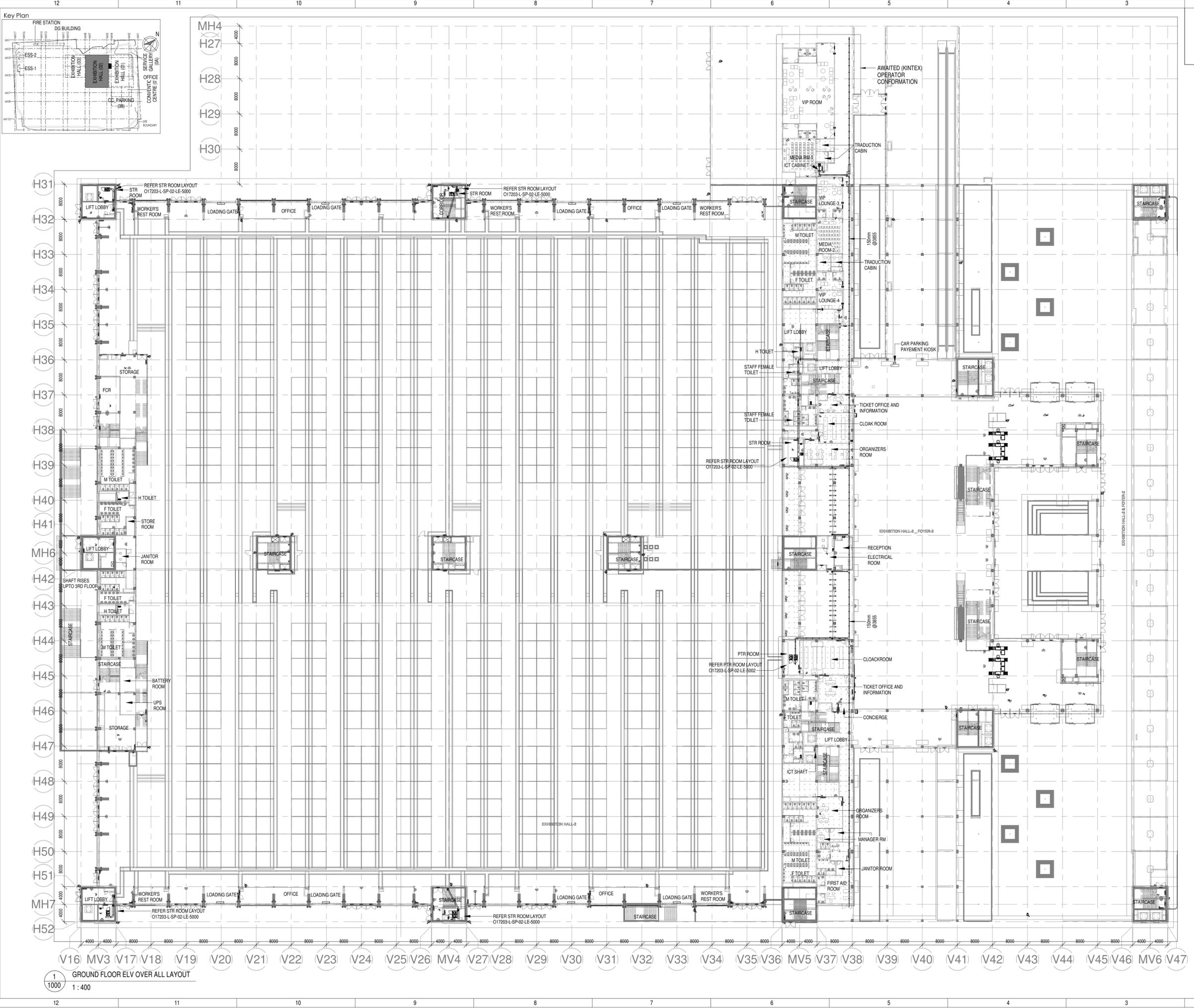
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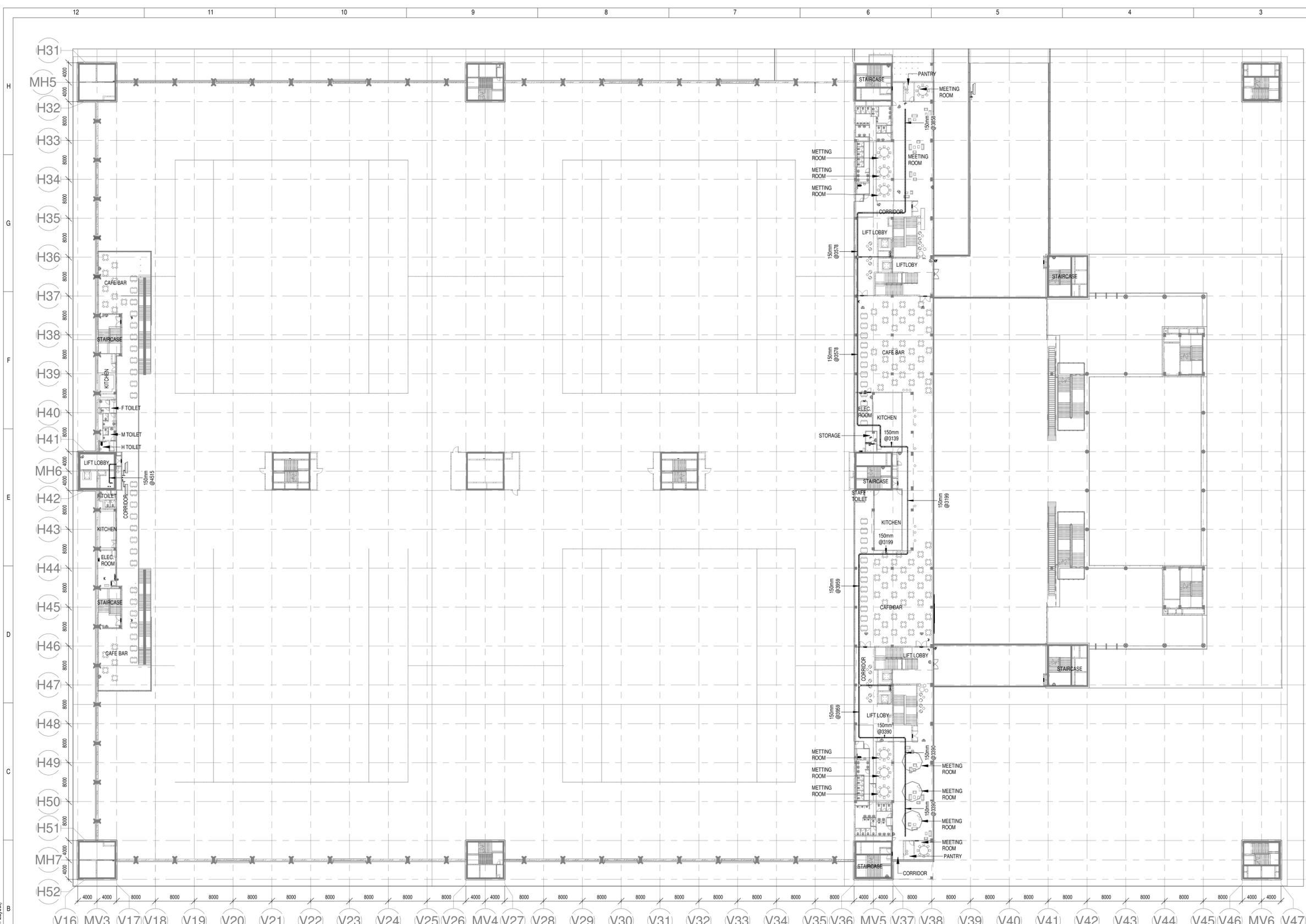
Drawing No **Rev. No**

L	02	1000	R0
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Title :
EXHIBITION HALL-02
 Exhibition Hall 2 + Foyer GF Over All ELV System Layout

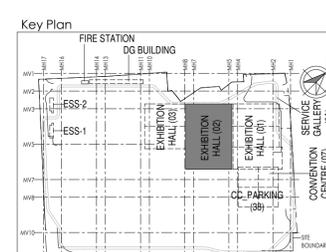
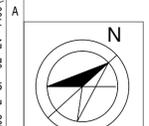
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1 IF ELV OVER ALL SYSTEM LAYOUT
1:400

O17203 - L - SP - 02 - LV - 1100 (Exhibition Hall 2 + Foyer 1F Over All ELV System Layout)



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EPC Contractor
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Design Consultant
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R0	ISSUED AS GOOD FOR CONSTRUCTION	27-08-2019	SP	PSY	MSK	GNR

Revisions					
ARCHITECTURE			FFS		
STRUCTURAL			PIPING		
ELECTRICAL			PHE		
ELV SYSTEM			GIS		
HVAC			GEOTECH.		
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

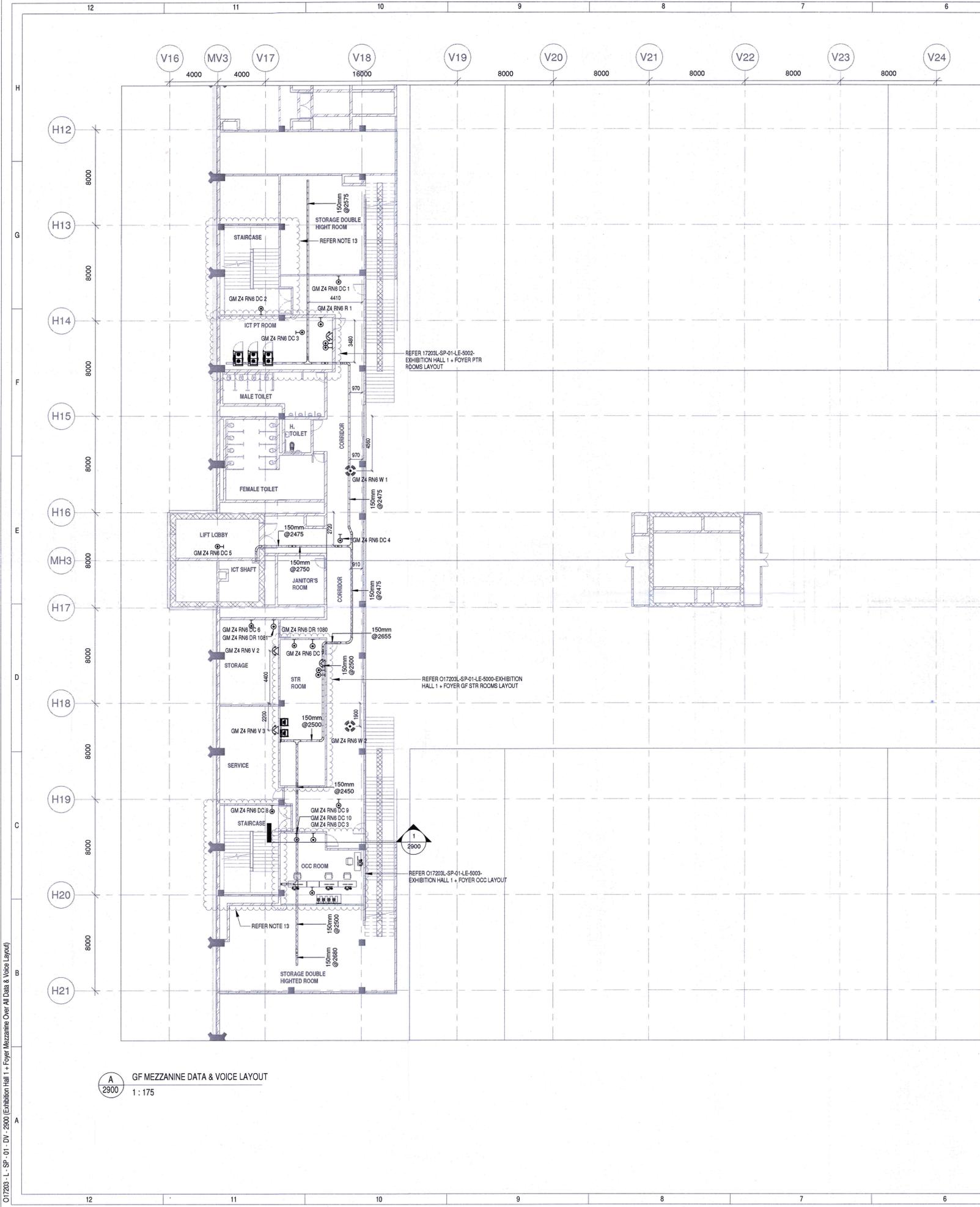
Drawing Status
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Drawing No: L 02 1100 Rev. No: R0

Title:
EXHIBITION HALL-02
Exhibition Hall 2 + Foyer 1F Over All ELV System Layout

EDRC DWG No : O17203 - L - SP - 02 - LV - 1100 Scale: 1:400 Sheet Size: A1

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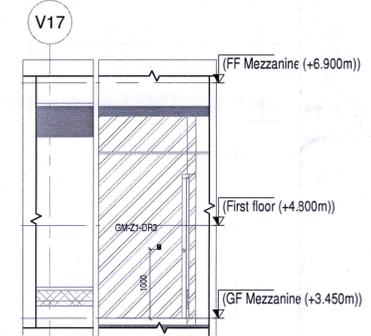
- NOTES:**
- GENERAL**
- CONDUITS IN EXPOSED MS CONDUIT TO BE USED.
 - OVER FALSE CEILING UNDER FLOOR OR EMBEDDED PVC CONDUITS TO BE USED.
 - ALL CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER.
 - PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS.
 - ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE GEM 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.
 - 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/ACS CABLES TO BE CONNECTED IN STR ROOM.
 - FOR DIGITAL SIGNAGE SYSTEM, AV SYSTEM & BGM 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.
- DATA & VOICE**
- 4 PAIR 23 AWG CAT5A UTP CABLE TO BE USED TO CONNECT RJ 45 DATA/VOICE SOCKETS TO JACK PANEL.
 - WHENEVER POWER AND LV CABLES ARE RUNNING IN PARALLEL, THEY SHALL BE SEPARATED BY A DISTANCE OF MINIMUM 300MM.
 - AREAS AND MEP ROOMS CABLES FOR DATA & VOICE SHALL BE TAKEN FROM CEILING CONDUIT.
 - ALL WALL MOUNTED TELEPHONE & DATA SOCKETS SHOULD BE ALIGNED AT A HEIGHT OF 750MM FROM FFL UNLESS 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.
 - FINAL DATA/VOICE POINTS LOCATION BASED ON FINAL FURNITURE LAYOUTS.
- DAS**
- 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.

LEGENDS:

SL. NO	SYMBOL	DESCRIPTION	FIXING LEVEL
1		DATA SOCKET	SURFACE / WALL MOUNTED
2		WiFi	SURFACE MOUNTED
3		VOICE SOCKET	WALL MOUNTED
4		300MM W x 50MM H METALLIC PERFORATED TYPE CABLE TRAY	

ABBREVIATION

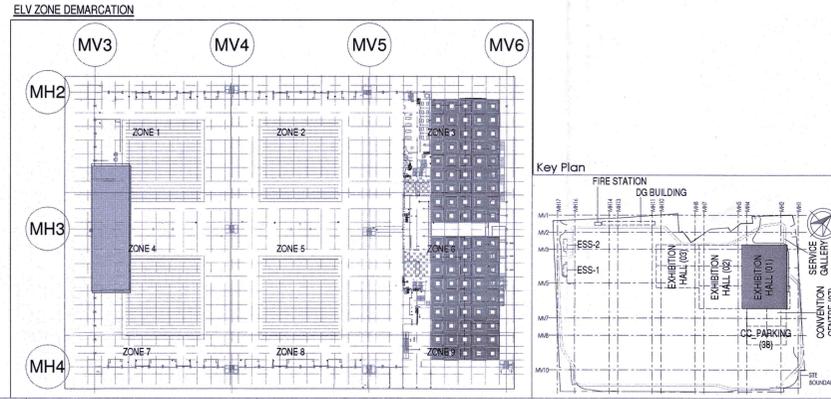
V	VOICE SOCKET
D	DATA SOCKET
W	WiFi
DC	DATA SOCKET FOR CAMERA
DV	DATA & VOICE
DR	ACS SOCKET
DS	DIGITAL SIGNAGE SOCKET
PD	PAYMENT KIOSK DATA SOCKET



1 SECTION 1
1 : 50

TAG DETAIL:	TAG DETAIL:	TAG DETAIL:
DATA	VOICE	WiFi
GF-Z0-RN1-001	GF-Z0-RN1-V01	GF-Z0-RN1-W01
DATA NUMBER RACK NUMBER ZONE NUMBER GROUND FLOOR	VOICE NUMBER RACK NUMBER ZONE NUMBER GROUND FLOOR	WiFi NUMBER RACK NUMBER ZONE NUMBER GROUND FLOOR

TAG DETAIL:	TAG DETAIL:	TAG DETAIL:
DATA FOR CAMERA	DATA & VOICE	DATA FOR ACS
GF-Z0-RN1-001	GF-Z0-RN1-DV1	GF-Z0-RN1-DR1
CAMERA NUMBER RACK NUMBER ZONE NUMBER GROUND FLOOR	DATA & VOICE RACK NUMBER ZONE NUMBER GROUND FLOOR	ACS NUMBER RACK NUMBER ZONE NUMBER GROUND FLOOR



Owner / Employer
India International Convention & Exhibition Centre Limited
Room No. 452A, Ministry of Commerce & Industry, DIPP, Udyog Bhawan, New Delhi - 110011, India

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 Akshat, Diplomatic Enclave, 508 Chanakyapuri, New Delhi - 110021

Employer's Representative
Employer's Engineer
Programme Management Consultant (PMC)

AECOM

Preliminary Engineering Architecture Consultants (PEAC)
idom CPKUREJA
Av. Del Monasterio de El Escorial, 4, 28049 Madrid, Spain No. 11, Ashraf Road Building, Green Park, New Delhi, Delhi 110016, India

EPC Contractor
L&T Construction
Buildings & Factories
Mount Poonamallee Road, Manappakkam, P.O.No.979, Chennai - 600 089

EPC Contractor's Representatives
Design Consultant
Engineering Design and Research Center (EDRC)
L&T Construction - Buildings & Factories

Architectural Consultant
ARCOP Arcop Associates Pvt. Ltd.
A-15, Rampose Enclave, G.K-1, New Delhi, Delhi 110048, India

Structural Proof Consultant
Indian Institute of Technology (IIT) Madras
Sardar Patel Rd, Opposite to C.L.R.I. Adayar, Chennai, Tamil Nadu 600005

MEP Proof Consultant
Egis India Consulting Engineers Pvt. Ltd.
Plot No. 46, Sector 32, Institutional Area, Opp. Jangra Solfars, Gurgaon, Haryana 122001

ICT Proof Consultant
CKR Consulting Engineers Pvt. Ltd.
#47/1, 3rd floor, Narayana Arcade, Subbaraocherry Road, Hebbalappa Circle, Basavanagudi, Bengaluru - 560004

Certification
EPC Contractor: L&T Construction
Design Consultant: EDRC
Architectural Consultant: ARCOP
Proof Consultant: CKR

Revisions

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
1	ISSUED AS GOOD FOR CONSTRUCTION	31-07-2019	SP	PSY	MSK	GMR

Revisions

ARCHITECTURE	PSY	MSK
STRUCTURAL	PPING	
ELECTRICAL	PHI	
ELV SYSTEM	GIS	
HVAC	GEOTECH.	
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 01 **2900** **Rev. No** R0

Title :
EXHIBITION HALL-01
Exhibition Hall 1 + Foyer Mezzanine Over All Data & Voice Layout

EDRC DWG No : O17203 - L - SP - 01 - DV - 2900 **Scale** As indicated **Sheet Size** A1

O17203 - L - SP - 01 - DV - 2900 Exhibition Hall 1 + Foyer Mezzanine Over All Data & Voice Layout

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