

017203-L-07-6000 CONVENTION CENTRE-SECURITY CHECK EQUIPMENTS

1 CC-F0 SECURITY CHECK EQUIPMENTS
6000 1:250

NOTES

GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
2. EXACT ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH ENGINEERING IN CHARGE TO SUIT SITE CONDITIONS
3. PVC CONDUIT SHALL BE USED FOR EMBEDDED CONDUITING. MS CONDUIT SHALL BE USED FOR EXPOSED CONDUITING
4. CONDUITS SHALL BE CONCEALED IN WALL/CILING IN NON-FIRE CEILING AREA
5. SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL
6. CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER
7. PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO DEGREE BENDS
8. ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE DEMO SHOT DRAWING
9. THE EXACT CONDUIT TRAY ROUTINGS SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER IN CHARGE TO SUIT LEVEL AND SITE CONDITION
10. CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING
11. A MINIMUM SEPARATION DISTANCE 30MM SHALL BE MAINTAINED BETWEEN ICT CABLEING AND ELECTRICAL CABLEING
12. THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT
13. PATHWAYS (CABLE TRAY/RACEWAY/CONDUITS) SHALL BE FILLED BY MAX 50%

NOTE

"THE ITEMS 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 AS PER DISCUSSION HELD ON 31ST JAN 2020"

REFERENCE DRAWING

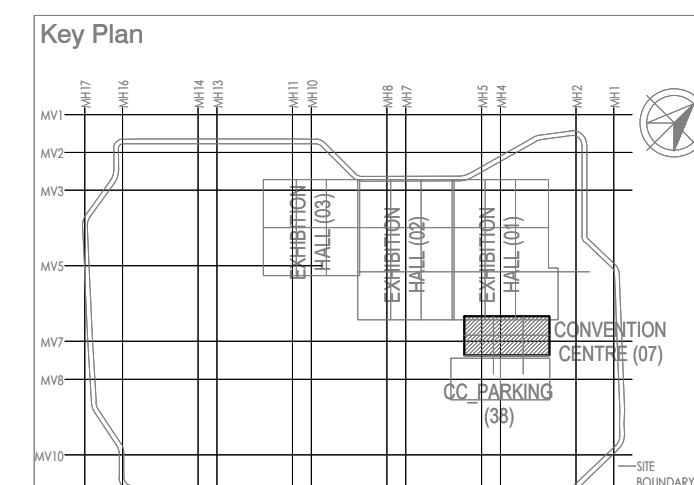
ARCHITECTURE
FLOOR PLANS: APPROVED VIA TRANSMITTAL NO EDRC-88/F0/12303/01346

STRUCTURE
017203-L-07-6000-0004 - LAYOUT AND NUMERATION DETAIL OF LEVEL - GROUND FLOOR F0 (H-570M)

ELECTRICAL
017203-E-07-PL-0019 TO 0023 - CONVENTION CENTER - GROUND FLOOR F0 - LIGHTING LAYOUTS
017203-E-07-PL-0127 TO 0131 - CONVENTION CENTER - GROUND FLOOR F0 - POWER LAYOUTS
017203-E-07-EE-0029 TO 0032 - CONVENTION CENTER - F0 - ELECTRICAL EQUIPMENT, CABLE TRAY & EARTHING LAYOUT - OVERALL PLAN
017203-E-07-PL-0019 - CONVENTION CENTER - F0 - OVER ALL PLAN LAYOUT OF WETRISER CUM DOWNCOMER
017203-E-07-PL-0011 - CONVENTION CENTER - F0 - OVER ALL PLAN LAYOUT OF INTEGRATED INTELLIGENT ADDRESSABLE FIRE DETECTION & ALARM SYSTEM AND PHOTO LUMINESCENT SAFETY SIGNAGES
017203-E-07-AC-1003.2003.3003.4003.5003 & 6003 - CONVENTION CENTRE GROUND FLOOR F0 - HVAC EQUIPMENT DUCTING AND PIPING LAYOUT
017203-U-07-0016 TO 0020 - PLUMBING SYSTEM LAYOUT - GROUND FLOOR F0 - TOILET WATER SUPPLY LAYOUT
017203-L-07-LE-0000 - CONVENTION CENTER-GROUND FLOOR-STRIPTR ROOM LAYOUT
017203-L-07-DV-2000 - CONVENTION CENTER-GROUND FLOOR-OVERALL DATA AND VOICESYSTEM LAYOUT
017203-L-07-LV-0011/0020/0030/0040 - GROUND FLOOR-ELV SYSTEM ZONE LAYOUT
017203-L-07-LV-1000 - CONVENTION CENTRE-GROUND FLOOR-OVER ALL ELV SYSTEM LAYOUT
017203-L-07-07-0000 - CONVENTION CENTRE-GROUND FLOOR-OVER ALL DATA & VOICE LAYOUT

LEGEND

SL.NO	DESCRIPTION	QTY	INFRA PROVISION
1	E COLOUR X-RAY SCANNER	05	-
2	MULTIZONE DPM	04	-
3	HMMD	05	-
4	IP TALK BACK SYSTEM	03	-
5	KIOSK VISITOR MANAGEMENT *	-	01
6	TICKET DISPENSER *	-	01
7	24 INCH DISPLAY *	-	01
8	MILLIMETER WAVE BODY SCANNER *	-	01



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Government of India

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Preliminary Engineering Architecture Consultants (PEAC)
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Architectural Consultant
Proof Consultant
Structural **MEP** **ICT**
PEAC
Issued by:
Employer / Employer's Engineer

REV	ISSUED AS GOOD FOR CONSTRUCTION	11.11.20	PMK	SS	IV	GHR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
Revisions						
ARCHITECTURE			FPS			
STRUCTURAL			PIPING			
ELECTRICAL			PHE			
ELV SYSTEM			GS			
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 CONVENTIONAL & EXPO CENTRE
SECTOR 25, DWARKA, NEW DELHI, INDIA
Drawing Status
GOOD FOR CONSTRUCTION (GFC)

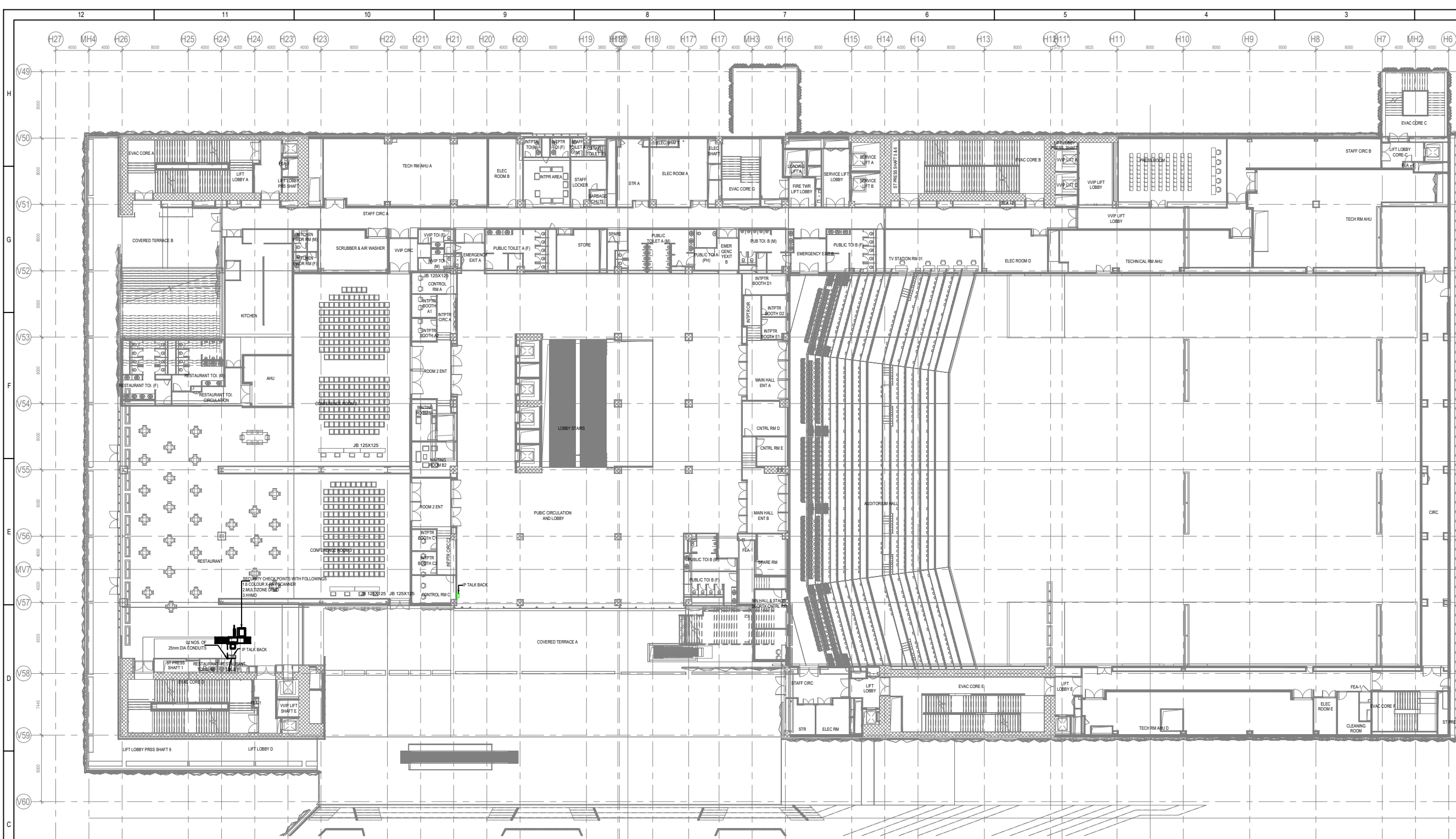
Drawing No
L 07
Scale
AS INDICATED
Sheet No
R0

Title :
CONVENTION CENTRE-GROUND FLOOR-
SECURITY CHECK EQUIPMENTS

EDRC DWG No :
017203-L-SP-07-LV-6000

Scale
AS INDICATED

Sheet No
R0



CC-SECOND FLOOR -SECURITY CHECK EQUIPMENTS (SHEET- 02 OF 02)
6100 1 : 250

- NOTES**
- GENERAL**
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
 2. EXACT ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH ENGINEERING
 3. IN CHARGE TO SUIT SITE CONDITIONS
 4. CONDUITS SHALL BE CONCEALED IN WALL/CEILING IN NON-FALSE CEILING AREA
 5. SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL
 6. CONDUITS SHOULD BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER
 7. PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO 90 DEGREE BENDS
 8. ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE DEM SHOP DRAWING
 9. THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER INCHARGE TO SUIT LEVEL AND SITE CONDITION
 10. CABLE TRAY SUPPORT MUST ALSO BE PLACED WITHIN 0.60 METERS ON EACH SIDE OF ANY CONNECTION TO A FITTING
 11. A MINIMUM SEPARATION DISTANCE 300MM SHALL BE MAINTAINED BETWEEN ICT CABLEING AND ELECTRICAL CABLEING
 12. THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT
 13. PATHWAYS (CABLE TRAY/RACEWAY/CONDUITS) SHALL BE FILLED BY MAX 50%

LEGEND			
SL.NO		DESCRIPTION	QTY
1		6 COLOUR X-RAY SCANNER	01
2		MULTIZONE DFRD	01
3		HHMD	01
4		IP TALK BACK SYSTEM	01

REFERENCE DRAWING

ARCHITECTURE

FLOOR PLANS APPROVED VIA TRANSMITTAL NO EDRC-B&F/O17203/01346

STRUCTURE

017203-C-SP-07-MJ-0007 - LAYOUT AND NUMERATION DETAIL OF LEVEL - F3 (+13.87M)

ELECTRICAL

017203-E-SP-07-LV-0037 - CONVENTION CENTER - F2 - LIGHTING LAYOUTS

017203-E-SP-07-PL-0145 - CONVENTION CENTER - F2 - POWER LAYOUTS

017203-E-SP-07-EE-0248 - CONVENTION CENTER - F2 - ELECTRICAL EQUIPMENT, CABLE TRAY & EARTHING LAYOUT - OVERALL PLAN

PDS

017203-F-SP-07-PL-0016 - CONVENTION CENTRE - 2F - OVER ALL PLAN LAYOUT OF WETRISE CUM DOWNCOMER, AUTOMATIC SPRINKLER SYSTEM AND PORTABLE FIRST-AID FIRE EXTINGUISHERS

017203-F-SP-07-FA-0017 - CONVENTION CENTRE - 2F - OVER ALL PLAN LAYOUT OF INTEGRATED INTELLIGENT ADDRESSABLE FIRE DETECTION & ALARM SYSTEM AND PHOTOLUMINESCENT SAFETY SIGNAGES

HVAC

017203-V-SP-07-AC-0025 - CONVENTION CENTRE SECOND FLOOR 2F - HVAC EQUIPMENT DUCTING AND PIPING LAYOUT

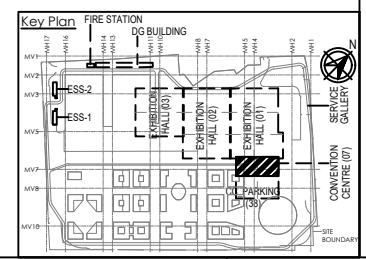
PHE

017203-U-SP-07-IP-0025 to 0029 - PLUMBING SYSTEM LAYOUT - SECOND FLOOR 2F - TOILET WATER SUPPLY LAYOUT

ELV

017203-L-SP-07-LV-1200 CONVENTION CENTER - 2F - OVER ALL ELV SYSTEM LAYOUT

017203-L-SP-07-DV-2200 CONVENTION CENTER - 2F - OVER ALL DATA & VOICE LAYOUT



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Certification

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Architectural Consultant	
Proof Consultant	
Structural	MEP
ICT	

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R0	ISSUED AS GOOD FOR CONSTRUCTION	20.11.20	PMK	TVS	IV	GNR
REV	DESCRIPTION	DATE	DSGN	DRWN	CHGD	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 07 6100 R0

Rev. No

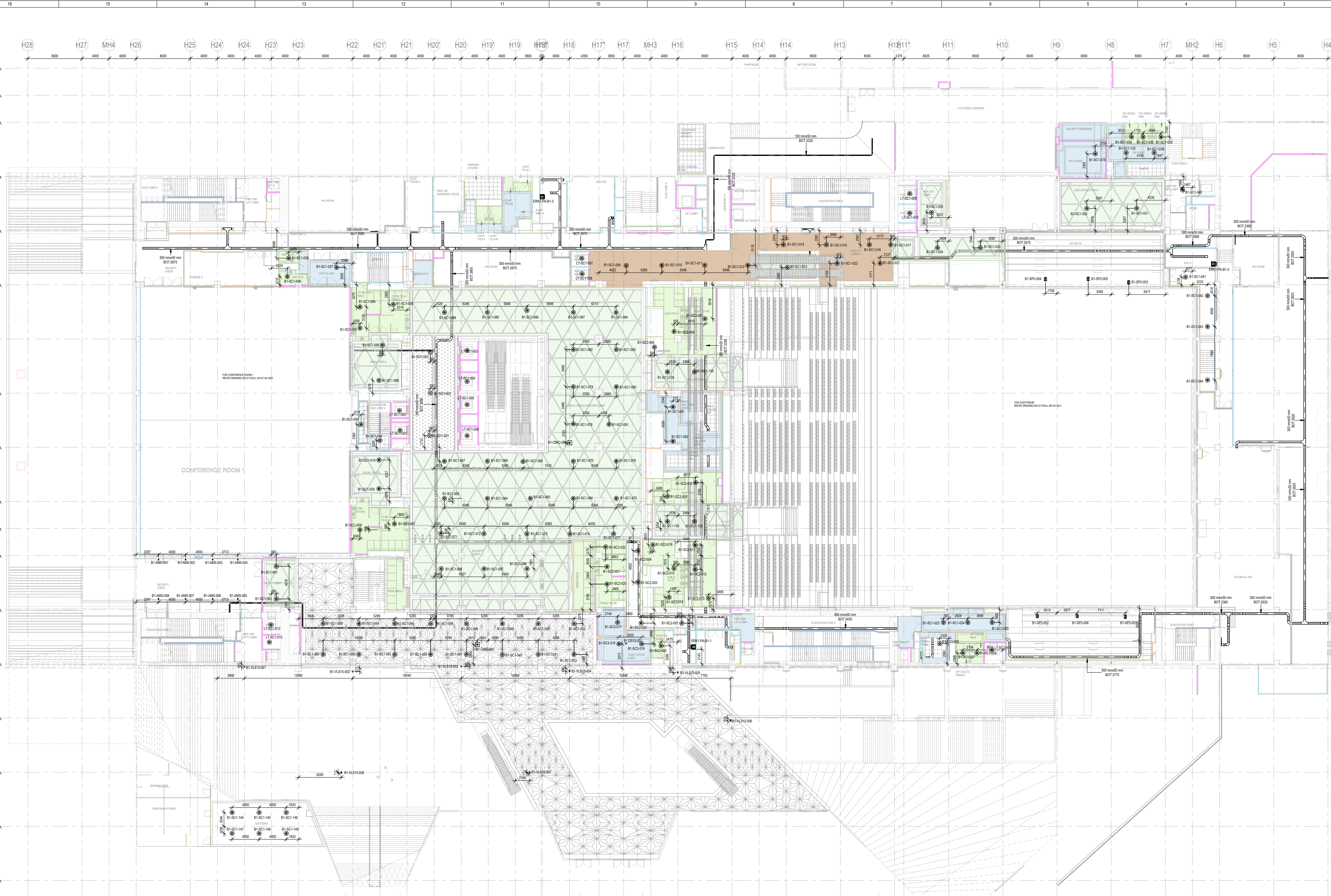
Title :

CONVENTION CENTER
SECOND FLOOR SECURITY CHECK EQUIPMENTS (SHEET- 02 OF 02)

EDRC DWG No :
017203 - L - SP - 07 - LV - 6100

Scale :
1:250

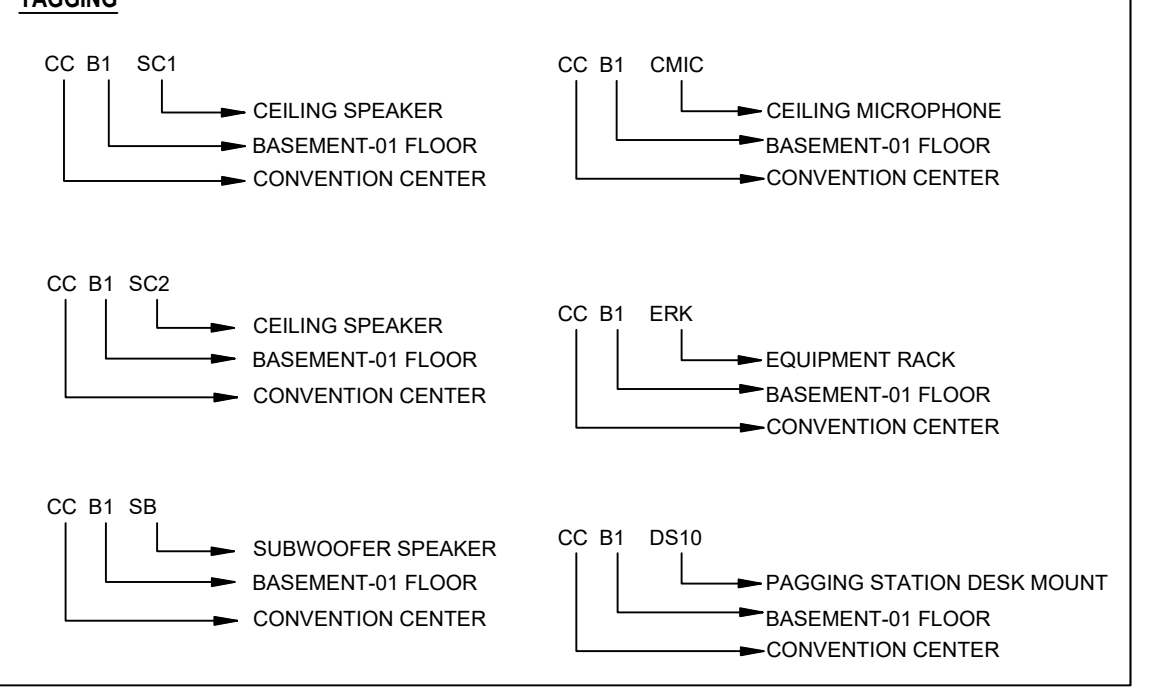
Sheet Size
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1 BASEMENT 01 BGM PLAN LAYOUT
3051 1:200

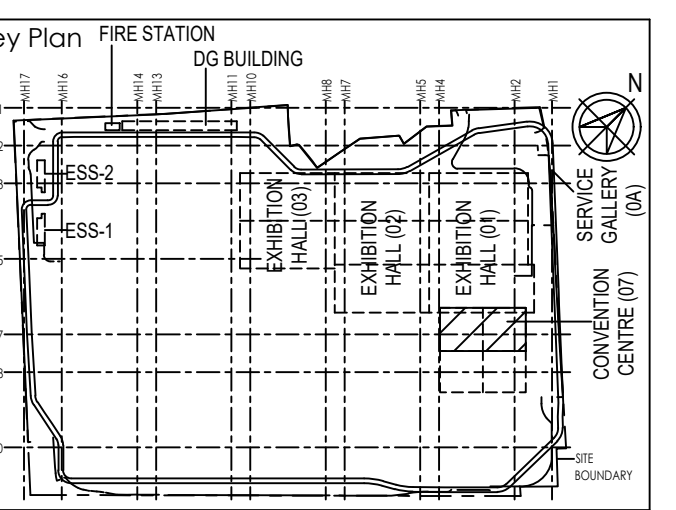
NOTES
GENERAL
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
2. EXACT ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH ENGINEERING IN CHARGE TO SUIT SITE CONDITIONS
3. PVC CONDUIT SHALL BE USED FOR EMBEDDED APPLICATION AND MS CONDUIT USED FOR OPEN APPLICATION
4. CONDUITS SHALL BE CONSEALED IN WALL/CEILING IN NON FALSE CEILING AREA
5. SUSPENDED CONDUITS ARE TO BE USED, IF MORE THAN 3 CONDUITS RUN IN PARALLEL
6. CONDUITS SHALL BE EQUIPPED WITH A PULL CORDS WITH SUITABLE TENSION POWER
7. PULL BOXES WITH SUITABLE SIZE SHOULD BE PROVIDED IN ALL PVC CONDUIT SECTIONS THAT ARE CONTAINING MORE THAN TWO (02) DEGREE BENDS
8. ALL DEVICES LOCATIONS AND ORIENTATION ARE INDICATIVE. EXACT LOCATION SHALL BE SHOWN IN THE DEMO SHOT DRAWING
9. THE EXACT CONDUIT/TRAY ROUTING SHALL BE DECIDED AT SITE IN CONSULTATION WITH THE ENGINEER IN CHARGE TO SUIT LEVEL AND SITE CONDITION
10. A MINIMUM SEPARATION DISTANCE 300MM SHALL BE MAINTAINED BETWEEN ICT CABLES
11. THE DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT
12. PATHWAYS CABLE TRAY/RACEWAY/CONDUITS
13. THE SHOWN BOX SPEAKER LOCATIONS ARE INDICATIVE AND HEAT MAP ANALYSIS REPORT MUST BE GENERATED BY SERVICE PROVIDER AT SHOP DRAWING STAGE TO MAINTAIN UNIFORM SPL LEVEL OF 85 dba @ 3 db HEADROOM

LEGENDS					
S.NO	SYMBOL	DEVICE ID	TENDER SPEC/NO	DESCRIPTION	MOUNTING HEIGHT
1	SC2	SC2	96	4" LOW PROFILE 2 WAY CEILING SPK	CEILING MOUNTED
2	SC1	SC1	94	HIGH PROFILE 5" CEILING SPK	CEILING MOUNTED
3	CMC	CMC	104	NOISE COMPENSATION MICROPHONE	CEILING MOUNTED
4	ERK	ERK		EQUIPMENT RACK	FLOOR MOUNTED
5	SP2	SP2	81	12" POINT SOURCE SPEAKER	WALL MOUNTED
6	DS10	DS10		PAGING STATION	DESK MOUNTED
7	VLS15	VLS15		Passive Column Array Loudspeaker	2400 FROM FFL
8	AMS1	AMS1		5" Point Source Arch. Loudspeaker	2800 FROM FFL



REFERENCE DRAWING

ARCHITECTURE
FLOOR PLANS APPROVED VIA TRANSMITTAL NO EDRC-86/F017203/01346
STRUCTURE
017203-G-SP-07-NU-0003 - LAYOUT AND NUMERATION DETAIL OF LEVEL - B1 (-4.730M)
017203-G-SP-07-NU-0004 - LAYOUT AND NUMERATION DETAIL OF LEVEL - F0 (-0.050M)
ELECTRICAL
017203-E-SP-07-LL-0010 to 0014 - CONVENTION CENTER - B1 - LIGHTING LAYOUTS
017203-E-SP-07-PL-0016 to 0018 - CONVENTION CENTER - B1 - POWER LAYOUTS
017203-E-SP-07-EE-0018 CONVENTION CENTER - B1 - ELECTRICAL EQUIPMENT, CABLE TRAY & EARTHING LAYOUT - OVERALL PLAN
017203-F-SP-07-PL-0004 - CONVENTION CENTRE - BASEMENT 1 - OVER ALL PLAN LAYOUT OF WETRISE CUM DOWNCOMER, AUTOMATIC SPRINKLER SYSTEM AND PORTABLE FIRST AID FIRE EXTINGUISHERS
017203-F-SP-07-FA-0005 - CONVENTION CENTRE - BASEMENT 1 - OVER ALL PLAN LAYOUT OF INTEGRATED INTELLIGENT ADDRESSABLE FIRE DETECTION & ALARM SYSTEM AND PHOTOLUMINESCENT SAFETY SIGNAGES
HVAC
017203-V-SP-07-AC-1002,2002,3002,4002,5002 & 6002 - CONVENTION CENTRE BASEMENT B1 - HVAC EQUIPMENT DUCTING AND PIPING LAYOUT
PHE
017203-U-SP-07-IP-0006 to 0010 - PLUMBING SYSTEM LAYOUT - BASEMENT 1 - TOILET WATER SUPPLY LAYOUT



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Certification
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Architectural Consultant
Proof Consultant
MEP
ICT

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Employer / Employer's Engineer

REV	DESCRIPTION	DATE	DESIGN	DRAWN	CHKD	APPD
01	REVISION AS GOOD FOR CONSTRUCTION	24/02/20	BVM	SS	MSK	QMR

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JOB No : 017203
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTIONAL & EXPO CENTRE
SECTOR 25 DWARKA, NEW DELHI, INDIA
Drawing Status
GOOD FOR CONSTRUCTION (GFC)
Drawing No
L 07 3051 R0
Rev. No
Title :
CONVENTION CENTER-BASEMENT-1 BACKGROUND MUSIC LAYOUT
EDRC DWG No :
O17203-L-SP-07-PA-3051
Scale
AS INDICATED
Sheet Size
A0