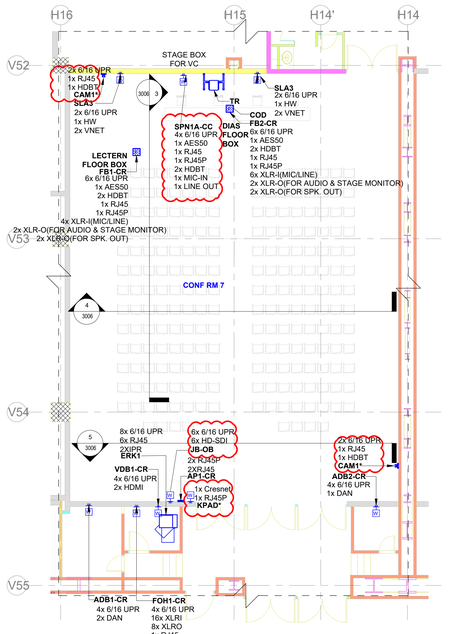
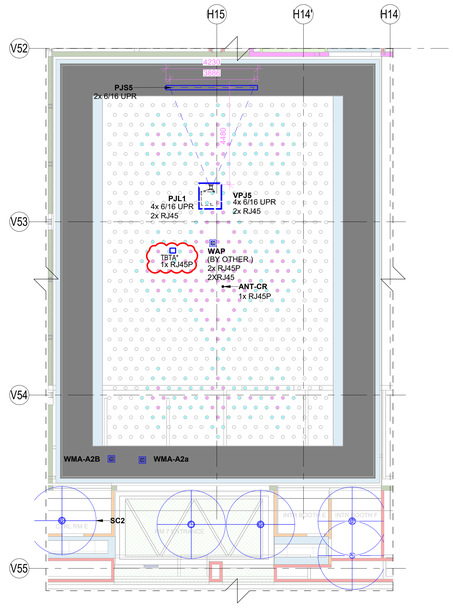
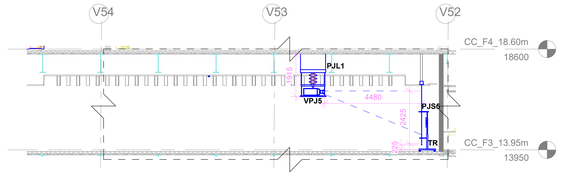


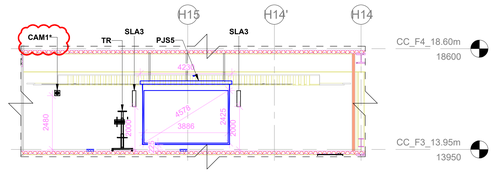
1 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 07 - FLOOR PLAN
1 : 100



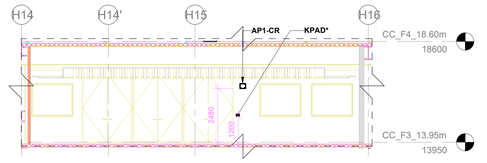
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1 : 100



3 CONF. RM. 7 SCREEN SIDE WALL ELEVATION
1 : 100



4 CONF. RM. 7 -PJS5 ELEVATION
1 : 100

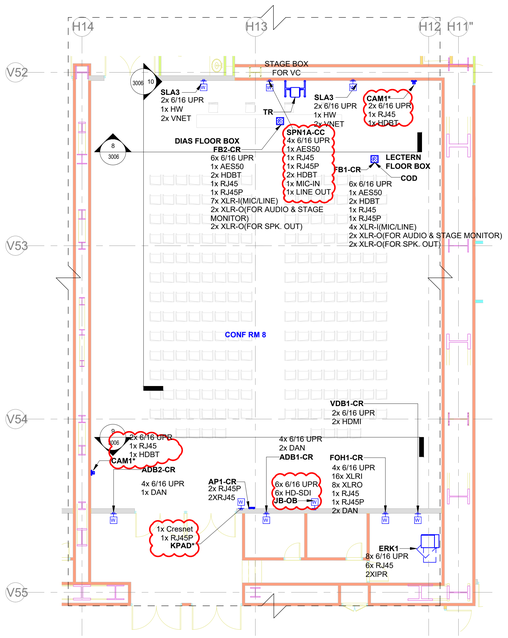


5 CONF. RM. 7 REAR WALL ELEVATION
1 : 100

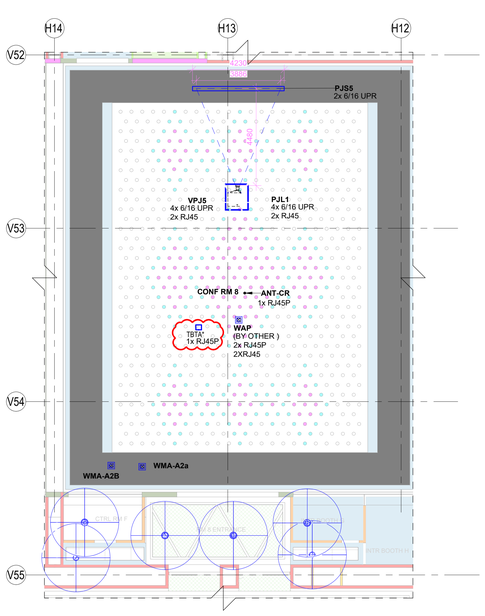
AV EQUIPMENT LEGEND						
SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			CAM1*	161	PTZ Camera	2
2		F	FB1-CR		Floor Mount Junction Box	1
3		F	FB2-CR		Floor Mount Junction Box	1
4			PJS5	10	180" Diagonal Motorized Projection Screen	1
5			VPJ5	5	2K/4K Resolution ,Projector	1
6			ANT1-CR	138	Omnidirectional Antenna	1
7		W	SLA3	84	Column Array Speaker	2
8		DWG	PJL1	7	Motorized Ceiling Mounting Lift	1
9		W	FOH1-CR		Wall Mount Junction Box	1
10		W	ADB1-CR		Wall Mount Junction Box	1
11		W	ADB2-CR		Wall Mount Junction Box	1
12		W	VDB1-CR		Wall Mount Junction Box	1
13			ERK1		AV Equipment Rack	1
14		W	JB-OB		Junction Box for OB Van Connectivity	1
15		C	WMA-A2A/B		Wireless Mic Antennna	2
16		C	WAP	(BY OTHER)	Wireless access point	1
17			TBTA*		Wireless Talk Back Transceiver Antenna	1
18		W	KPAD*	158	Wall Mount Keypad	1
19			AHP	147	Acoustics Headphone	1
20		W	SPN		Stage Box For VC	1

PROJECTOR THROW DISTANCE :-		
SR.NO.	DEVICE ID	THROW DISTANCE
1	VPJ5	MAXIMUM 16.3FT OPTIMUM 14.7FT MINIMUM 13.0FT

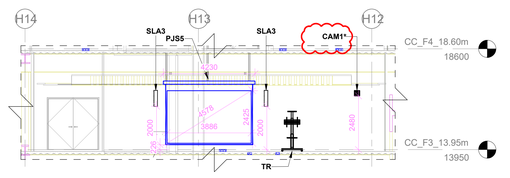
CONFERENCE ROOM 07
CONFERENCE ROOM 08



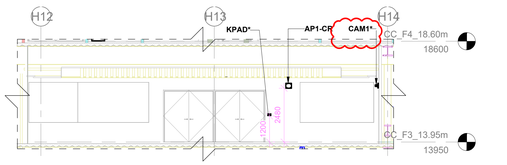
6 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 08 - FLOOR PLAN
1 : 100



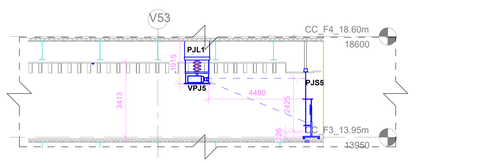
7 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 08 - CEILING PLAN
1 : 100



8 CONF. RM. 8- PJS5 ELEVATION
1 : 100



9 CONF. RM. 8 REAR WALL ELEVATION
1 : 100



10 CONF. RM. 8 SCREEN SIDE WALL ELEVATION
1 : 100

AV EQUIPMENT LEGEND						
SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			CAM1*	161	PTZ Camera	2
2		F	FB1-CR		Floor Mount Junction Box	1
3		F	FB2-CR		Floor Mount Junction Box	1
4			PJS5	10	180" Diagonal Motorized Projection Screen	1
5			VPJ5	5	2K/4K Resolution ,Projector	1
6			ANT1-CR	138	Omnidirectional Antenna	1
7		W	SLA3	84	Column Array Speaker	2
8		DWG	PJL1	7	Motorized Ceiling Mounting Lift	1
9		W	FOH1-CR		Wall Mount Junction Box	1
10		W	ADB1-CR		Wall Mount Junction Box	1
11		W	ADB2-CR		Wall Mount Junction Box	1
12		W	VDB1-CR		Wall Mount Junction Box	1
13			ERK1		AV Equipment Rack	1
14		W	JB-OB		Junction Box for OB Van Connectivity	1
15		C	WMA-A2A/B		Wireless Mic Antennna	2
16		C	WAP	(BY OTHER)	Wireless access point	1
17			TBTA*		Wireless Talk Back Transceiver Antenna	1
18		W	KPAD*	158	Wall Mount Keypad	1
19			AHP	147	Acoustics Headphone	1
20		W	SPN		Stage Box For VC	1

NOTES

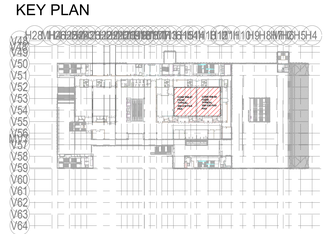
GENERAL

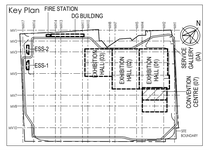
1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_ECC_PEAC_XX_ELV_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION
2. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM 7 ARE AS PER 200 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
3. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-8 ARE AS PER 200 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
4. EASE HEAT MAP ANALYSIS REPORT FOR AUDIO WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM AUDIO COVERAGE & SPL AS PER RFP REQUIREMENTS
5. HEAT MAP ANALYSIS REPORT FOR WIRELESS LANGUAGE INTERPRETATION SYSTEM ACCESS POINTS WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
6. HEAT MAP ANALYSIS REPORT FOR WIRELESS MICROPHONE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
7. HEAT MAP ANALYSIS REPORT FOR WIRELESS DIGITAL CONFERENCE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
8. FURNITURE LAYOUT IS INDICATIVE (SHOULD BE MENTIONED IN NOTES AREA) AS FURNITURE IS NOT IN THE SCOPE OF EPCC, HOWEVER, DRAWING WILL BE REVISED IN SHOP DRAWING STAGE BASED ON APPROVED FURNITURE LAYOUT.
9. THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.

REFERENCE DRAWINGS / DOCUMENTS: (LATEST REVISION)	
O17203-L-SP-07-GN-0016	GENERAL NOTES
O17203-L-SP-07-GN-0017	LEGEND AND ABBREVIATIONS
O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0011	AUDIO & VIDEO ONE LINE DIAGRAM FOR CONFERENCE ROOM 4
O17203-L-SP-07-SC-0012	AUDIO & VIDEO ONE LINE DIAGRAM FOR CONFERENCE ROOM 5, 7, 8
O17203-I-SP-07-WD-1006	CONVENTION CENTRE-THIRD FLOOR FLOORING LAYOUT
O17203-I-SP-07-WD-1206	CONVENTION CENTRE-CEILING LAYOUT- THIRD FLOOR (PART 1)
O17203-I-SP-07-WD-1266	CONVENTION CENTRE-CEILING LAYOUT- THIRD FLOOR (PART 2)
O17203-I-SP-07-WD-1560	CONVENTION CENTRE-3RD FLOOR - FURNITURE LAYOUT
O17203-I-SP-07-WD-2628	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 07 - 3F
O17203-I-SP-07-WD-2629	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 08 - 3F

ABBREVIATION	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVITY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

KEY PLAN





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AECOM

Preliminary Engineering Architecture Consultants (PEAC)
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Engineering Design and Research Center (EDRC)
L&T Construction - Buildings & Factories

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A-15, Pampose Enclave , G.K.-I
New Delhi, Delhi 110048, India

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

MEP Proof Consultant
egis
Egis India Consulting Engineers Pvt. Ltd.
Plot No. 66, Sector 32, Institutional Area, Opp: Zenatix Solutions, Gurugram, Haryana 122001

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

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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	18-04-2020	SP	PSY	MSK	GNR

Revisions

ARCHITECTURE			FPS		
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
INDIA INTERNATIONAL CONVENTION & EXPO CENTRE

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Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No			Rev. No
L	07	3006	R0

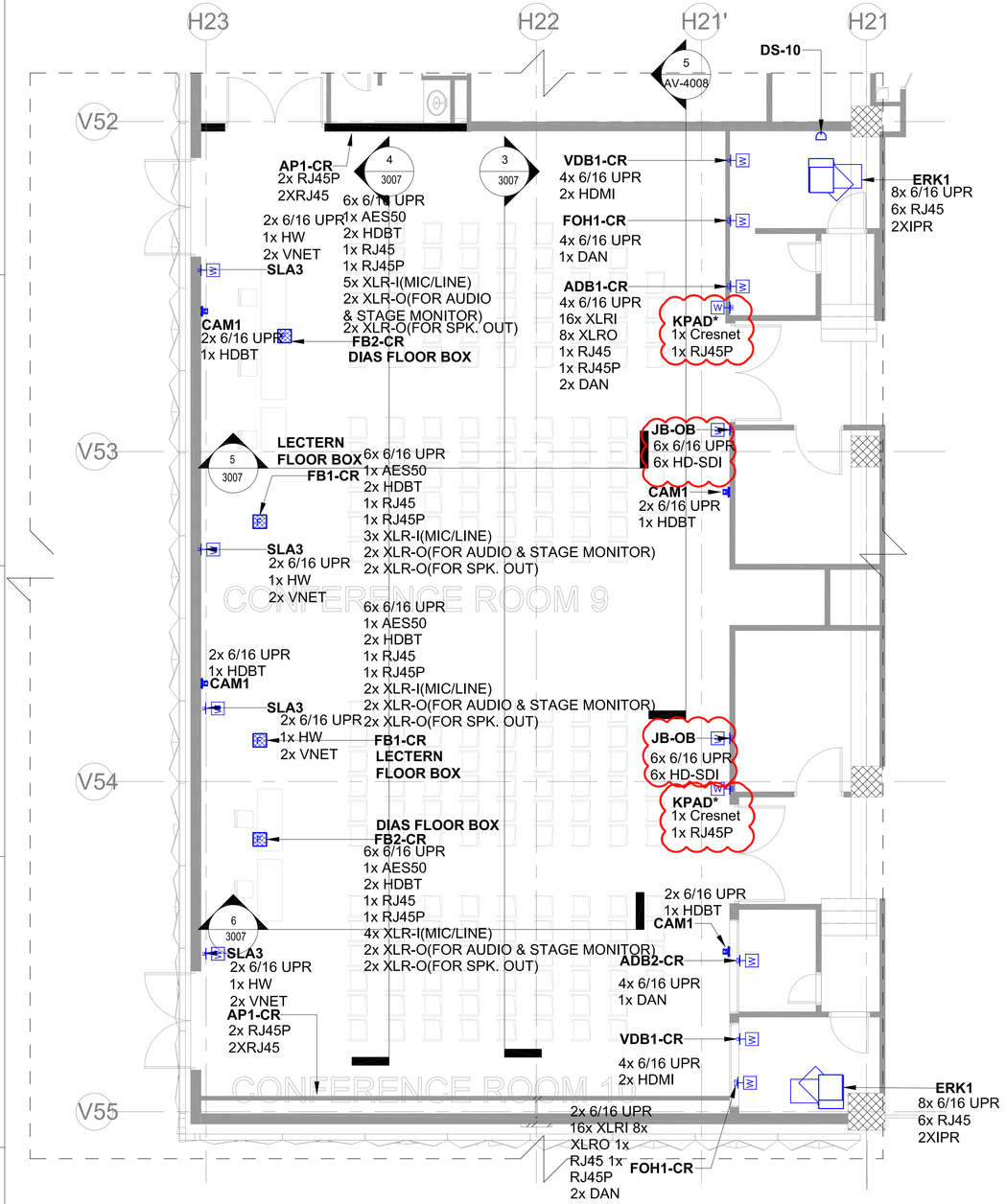
Title :
CONVENTION CENTRE
AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 07 & 08

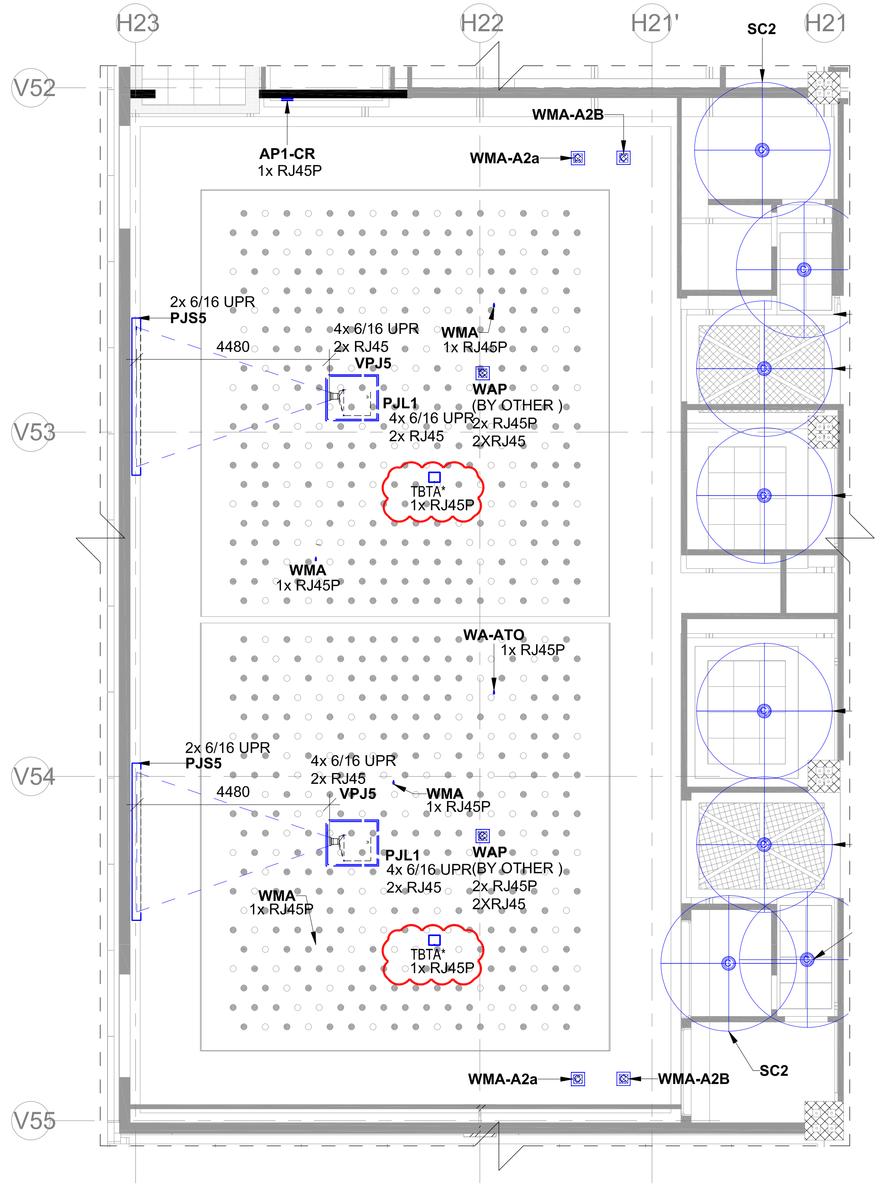
EDRC DWG No : O17203-L-SP-07-AV-3006

Scale	Sheet Size
As indicated	A0

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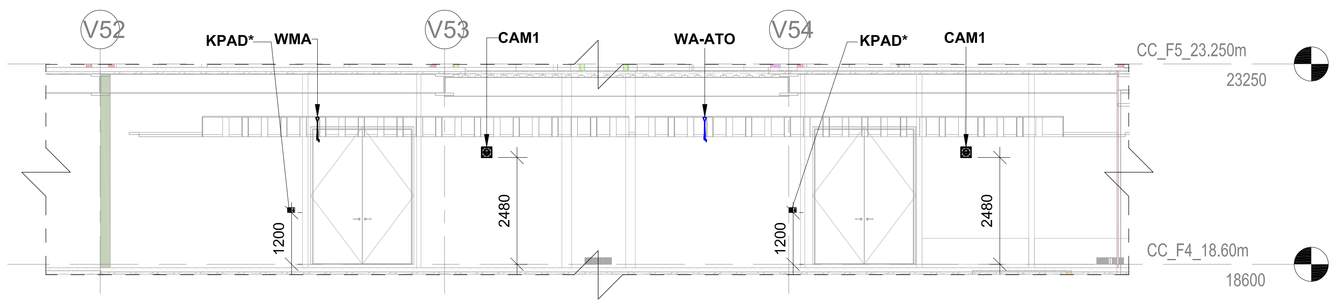
O17203 - L - 07 - 3006 (AUDIO & VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 07 & 08)





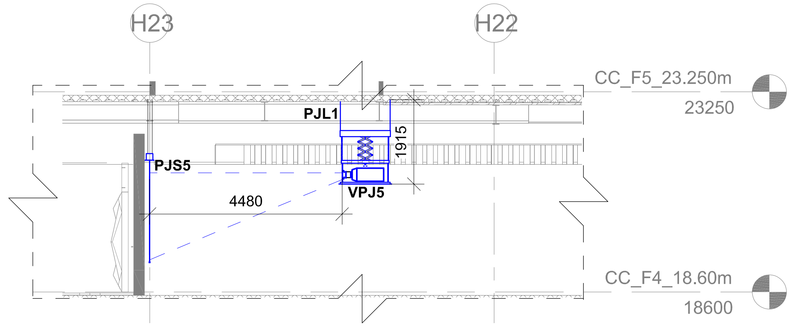
1 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 09 & 10- FLOOR PLAN

1 : 100



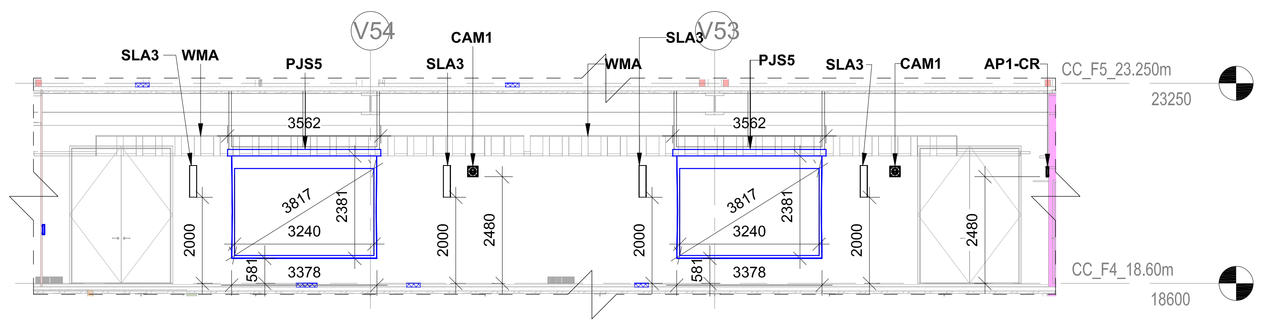
2 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 09 & 10- CEILING PLAN

1 : 100



3 CONF. RM. 9&10 REAR ELEVATION

1 : 100

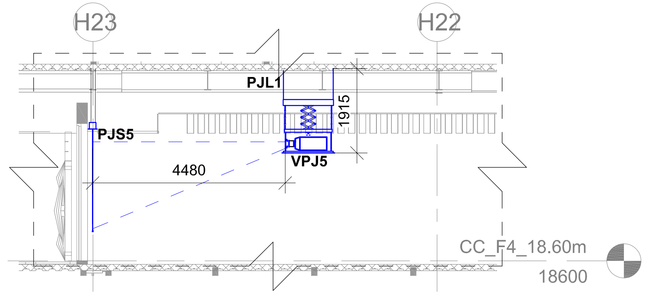


4 CONF. RM. 9&10 -PJS5 ELEVATION

1 : 100

5 CONF. RM. 9 -PJS5 SIDE WALL ELEVATION

1 : 100



6 CONF. RM. 10 -PJS5 SIDE WALL ELEVATION

1 : 100

REFERENCE DRAWINGS / DOCUMENTS: (LATEST REVISION)	
O17203-L-SP-07-GN-0016	GENERAL NOTES
O17203-L-SP-07-GN-0017	LEGEND AND ABBREVIATIONS
O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0014	AUDIO & VIDEO ONE LINE DIAGRAM FOR CONFERENCE ROOM 9 & 10
O17203-I-SP-07-WD-1007	CONVENTION CENTRE-FOURTH FLOOR FLOORING LAYOUT
O17203-I-SP-07-WD-1207	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 1)
O17203-I-SP-07-WD-1267	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 2)
O17203-I-SP-07-WD-1570	CONVENTION CENTRE-4TH FLOOR - FURNITURE LAYOUT
O17203-I-SP-07-WD-2630	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 09&10 - 4F

AV EQUIPMENT LEGEND

SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			WMA	138	Omnidirectional Antenna	4
2			CAM1	161	PTZ Camera	4
3		F	FB1-CR		Floor Mount Junction Box	2
4		F	FB2-CR		Floor Mount Junction Box	2
5			PJS5	11	150" Diagonal Motorized Projection Screen	2
6			VPJ5	5	2K/4K Resolution ,Projector	2
7		W	SLA3		Column Array Speaker	4
8		C	WMA-A2A/B		Wireless Mic Antenna	4
9			PJL1	7	Motorized Ceiling Mounting Lift	2
10		W	FOH1-CR		Wall Mount Junction Box	2
11		W	ADB1-CR		Wall Mount Junction Box	2
12		W	VDB1-CR		Wall Mount Junction Box	2
13			ERK1		AV Equipment Rack	2
14		W	JB-OB		Junction Box for OB Van Connectivity	2
15			AHP*	147	Acoustics Headphone	2
16		C	WAP	(BY OTHER)	Wireless access point	2
17			TBTA*		Wireless Talk Back Transceiver Antenna	2
18		W	KPAD*	158	Wall Mount Keypad	2

ABBREVIATION

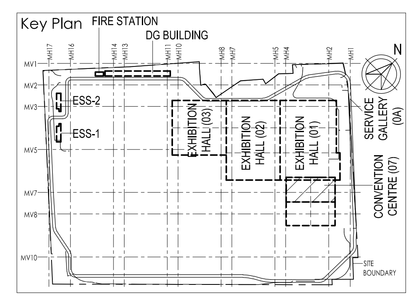
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVTY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

PROJECTOR THROW DISTANCE :-

SR.NO.	DEVICE ID	THROW DISTANCE
1	VPJ5	MAXIMUM 16.3FT OPTIMUM 14.7FT MINIMUM 13.0FT

NOTES
GENERAL
1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_ECC_PEAC_XX_ELV_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION
2. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-9 ARE AS PER 150 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
3. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-10 ARE AS PER 150 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
4. EASE HEAT MAP ANALYSIS REPORT FOR AUDIO WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM AUDIO COVERAGE & SPL AS PER RFP REQUIREMENTS
5. HEAT MAP ANALYSIS REPORT FOR WIRELESS LANGUAGE INTERPRETATION SYSTEM ACCESS POINTS WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
6. HEAT MAP ANALYSIS REPORT FOR WIRELESS MICROPHONE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
7. HEAT MAP ANALYSIS REPORT FOR WIRELESS DIGITAL CONFERENCE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
8. FURNITURE LAYOUT IS INDICATIVE (SHOULD BE MENTIONED IN NOTES AREA.) AS FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWING WILL BE REVISED IN SHOP DRAWING STAGE BASED ON APPROVED FURNITURE LAYOUT.
9. THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.





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Employer's Engineer
Programme Management Consultant (PMC)

Preliminary Engineering Architecture Consultants (PEAC)

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

EPC Contractor

L&T Construction
Buildings & Factories
Mount Poonamallee Road, Manapakkam, P.B.No.979, Chennai – 600 089

EPC Contractor's Representatives

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

Architectural Consultant

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A-15, Pampose 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, Adyar, Chennai, Tamil Nadu 600036

MEP Proof Consultant

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Plot No. 66, Sector 32, Institutional Area, Opp: Zenatix Solutions, Gurugram, Haryana 122001

ICT Proof Consultant

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

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Architectural Consultant

Proof Consultant

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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	18.03.20	BVH	SS	MSK	GNR

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 CONVENTIONAL & EXPO CENTRE SECTOR 25,DWARKA,NEW DELHI,INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

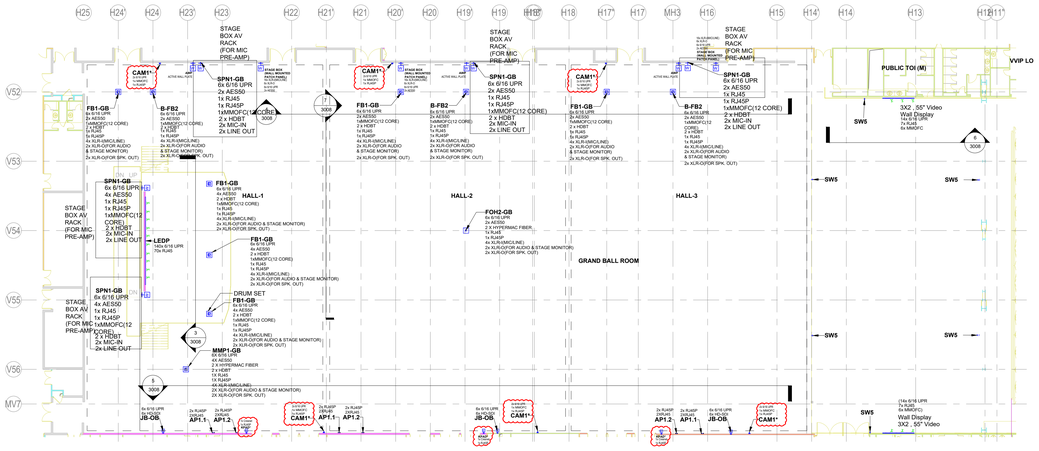
Drawing No			Rev. No
L	07	3007	R0

Title :
CONVENTION CENTRE
AUDIO & VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 09 & 10

EDRC DWG No :	Scale	Sheet Size
O17203-L-SP-07-AV-3007	AS INDICATED	A1

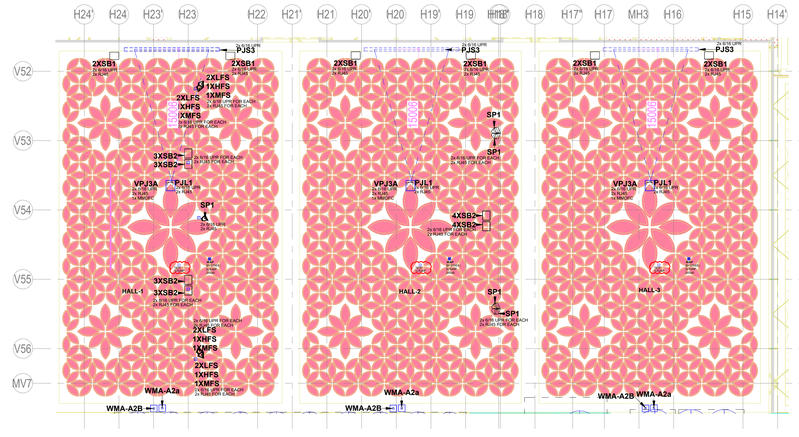
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O17203 - L - 07 - 3007 (AUDIO & VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 09 & 10)



1 BALL ROOM FLOOR PLAN(CC_F6_27.90m)

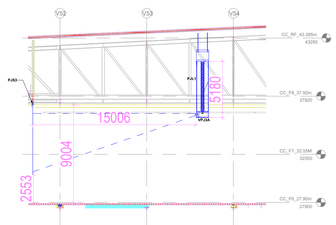
1 : 250



2 BALL ROOM RCP(CC_F6_27.90m)

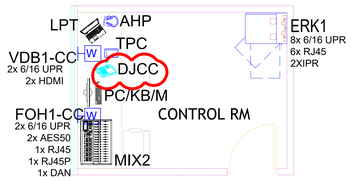
1 : 250

REFERENCE DRAWINGS / DOCUMENTS (LATEST REVISION)	
O17203-L-SP-07-GN-0016	GENERAL NOTES
O17203-L-SP-07-GN-0017	LEGEND AND ABBREVIATIONS
O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0015	AUDIO & VIDEO ONE LINE DIAGRAM FOR GRANDBALL ROOM SHEET 01
O17203-I-SP-07-WD-1009	CONVENTION CENTRE-SIXTH FLOOR FLOORING LAYOUT
O17203-I-SP-07-WD-1210	CONVENTION CENTRE-CEILING LAYOUT-SEVENTH FLOOR (PART 1)
O17203-I-SP-07-WD-1270	CONVENTION CENTRE-CEILING LAYOUT-SEVENTH FLOOR (PART 2)
O17203-I-SP-07-WD-1590	CONVENTION CENTRE-6TH FLOOR - FURNITURE LAYOUT
O17203-I-SP-07-WD-2835	CONVENTION CENTRE-INTERIOR ELEVATIONS GRANDBALL ROOM - 6F
O17203-I-SP-07-WD-2836	CONVENTION CENTRE-INTERIOR ELEVATIONS GRANDBALL ROOM - 6F



7 TYPICAL PJS3 SIDE ELEVATION

1 : 200



8 TYPICAL CONTROL ROOM

NTS

NOTES

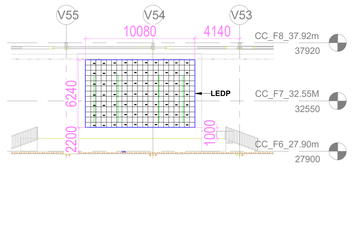
GENERAL

1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_ECC_PEAC_XX_ELV_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION
2. THE AV SYSTEM REQUIREMENTS FOR THE AUDITORIUM ARE AS PER GRAND BALL AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
3. EASE HEAT MAP ANALYSIS REPORT FOR AUDIO WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM AUDIO COVERAGE & SPL AS PER RFP REQUIREMENTS
4. HEAT MAP ANALYSIS REPORT FOR WIRELESS LANGUAGE INTERPRETATION SYSTEM ACCESS POINTS WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
5. HEAT MAP ANALYSIS REPORT FOR WIRELESS MICROPHONE SYSTEM ANTEENA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
6. THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.
7. FURNITURE LAYOUT IS INDICATIVE (SHOULD BE MENTIONED IN NOTES AREA.) AS FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWING WILL BE REVISED IN SHOP DRAWING STAGE BASED ON APPROVED FURNITURE LAYOUT.

AV EQUIPMENT LEGEND					
SR.NO	SYMBOL	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1	W	SPN1-GB		Wall Mount Junction Box	5
2	F	FB1-GB		Floor Mount Junction Box	5
3	F	FB-MMP1-GB		Floor Mount Junction Box	1
4	F	FOH2-GB		Floor Mount Junction Box	1
5	F	B-FB2		Floor Mount Junction Box	3
6		AP1.1/1.2		WIRELESS ACCESS POINT	6
7		CAM1*	161	PTZ CAMERA	6
8				2X3 , 55" VIDEO WALL DISPLAY DISPLAY BOTTOM @ 800 F.F.L	1
9		VWP	54	VIDEO WALL PROCESSORS 8 INPUT AND 8 OUTPUTS	1
10		VWP1	55	VIDEO WALL PROCESSORS 16 INPUT AND 32 OUTPUTS	1
11		LEDP	11	LED PANEL	1
12		PJS3	14	400" MOTORIZED PROJECTION SCREEN	3
13		VPJ3A	1	CEILING MOUNT PROJECTOR	3
14		PJL1	9	MOTORIZED CEILING MOUNTING LIFT	3
15		SP1	74	DUAL 12" TRAPEZOIDAL FULL RANGE LOUDSPEAKER	5
16		SB1	80	HIGH POWER DIRECT RADIATING 2 X 18" SUBWOOFER	12
17		SB2	83	HIGH POWER DIRECT RADIATING 2 X 12" SUBWOOFER	20
18	C	WMA-A2A/B		CEILING MOUNT JUNCTION BOX FOR OMNIDIRECTIONAL ANTENNA	6
19		LFS	72	LOW FREQUENCY SPEAKER	8
20		HFS	76	MID/HIGH FREQUENCY SPEAKER	4
21		MFS	78	MID/HIGH FREQUENCY SPEAKER	4
22	JBO	JB-OB		JUNCTION BOX FOR OB VAN CONNECTIVITY	3
22		AHP	147	ACOUSTICS HEADPHONE	6
20	W	KPAD*	158	WALL MOUNT KEYPAD	3
21		PC/KB/M	(BY OTHER)	PC WITH KEYBOARD MOUSE	3
22		TPC	155	TOUCH PANEL	3
23		LPT	(BY OTHER)	USER LAPTOP	3
24		DJCC*	162	DIGITAL JOYSTICK CAMERA CONTROL	3
25		TBTA*		WIRELESS TALK BACK TRANSCEIVER ANTENNA	3
26		SW5		WALL MOUNT SPEAKER	6

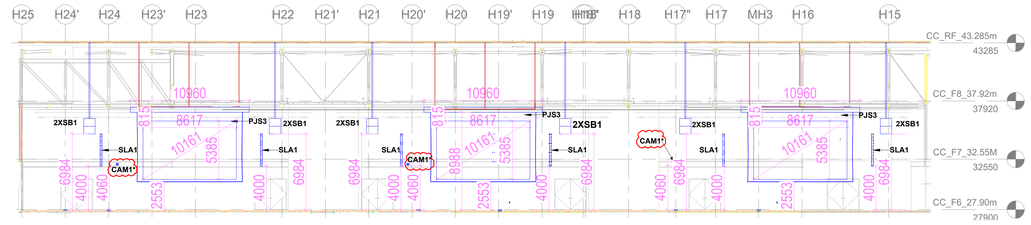
8 BALL ROOM FLOOR PLAN(CC_F7_32.55M)

1 : 350



3 BALL ROOM VIDEO WALL ELEVATION-1

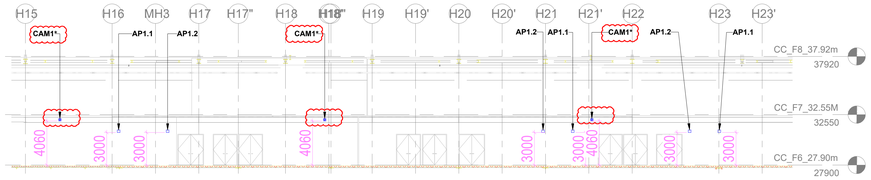
1 : 200



4 BALL ROOM - PJS3 ELEVATION

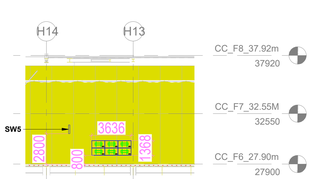
1 : 200

ABBREVIATION LEGEND	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVITY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY



5 BALL ROOM - SIDE WALL ELEVATION

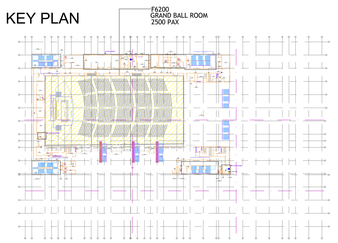
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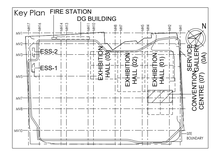


6 BALL ROOM COCKTAIL AREA VIDEO WALL ELEVATION

1 : 200

KEY PLAN





Owner / Employer

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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 & 342, 3rd Floor, Hotel Ashok, Diplomatic Enclave, 50B Chankyapuri, New Delhi - 110021

Employer's Representative

Employer's Engineer

Programme Management Consultant (PMC)

AECOM

Preliminary Engineering Architecture Consultants (PEAC)

idom
Av. Del Monasterio de El Escorial, 4, 28049 Madrid, Spain

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

EPC Contractor

L&T Construction
Buildings & Factories
Mount Poonamallee Road, Manapakkam, P.B.No.979, Chennai – 600 089

EPC Contractor's Representative

Design Consultant

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

Architectural Consultant

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

Structural Proof Consultant

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

MEP Proof Consultant

egis
Egis India Consulting Engineers Pvt. Ltd.
Plot No. 66, Sector 32, Institutional Area, Opp: Zenatix Solutions, Gurugram, Haryana 122001

ICT Proof Consultant

CKR
CKR Consulting Engineers Pvt. Ltd.
#47/1, 3rd Floor, Narayana Arcade, Subbaramachetty Road, Netkalappa 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
R0	ISSUED AS GOOD FOR CONSTRUCTION	8-04-2020	SP	PSY	MSK	GNR

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

Enter address here

Drawing Status

GOOD FOR CONSTRUCTION (GFC)

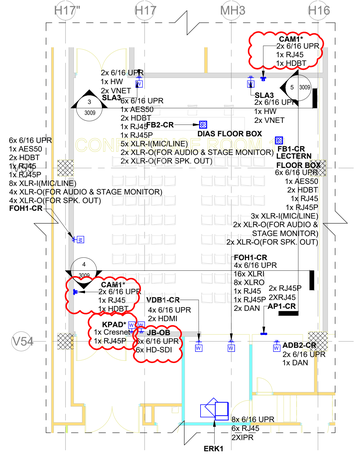
Drawing No			Rev. No
L	07	3008	R0

Title :

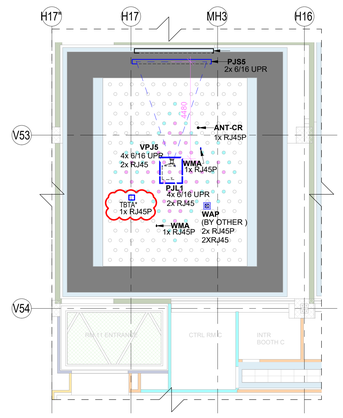
CONVENTION CENTRE
AUDIO VISUAL SYSTEM LAYOUT FOR GRAND BALL ROOM

EDRC DWG No :	Scale	Sheet Size
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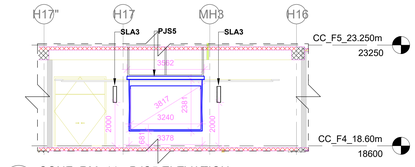
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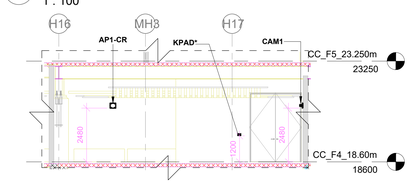
1 AUDIO VISUAL SYSTEM LAYOUT FOR CONF RM 11 - FLOOR PLAN
1 : 100



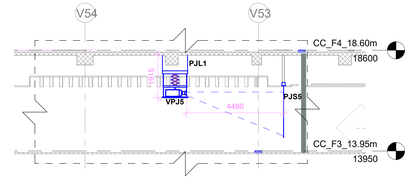
2 AUDIO VISUAL SYSTEM LAYOUT FOR CONF RM 11 - CEILING PLAN
1 : 100



3 CONF. RM. 11 - PJS5 ELEVATION
1 : 100



4 CONF. RM. 11SIDE WALL ELEVATION
1 : 100



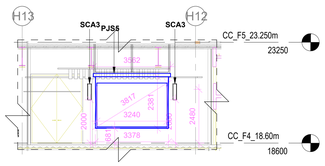
5 CONF. RM. 11 PJS5 SCREEN SIDE WALL ELEVATION
1 : 100

AV EQUIPMENT LEGEND					
SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			WMA	138	Omnidirectional Antenna	2
2			CAM1*	161	PTZ Camera	2
3	F		FB1-CR		Floor Mount Junction Box	1
4	F		FB2-CR		Floor Mount Junction Box	1
5			PJS5	11	150" Diagonal Motorized Projection Screen	1
6			VPJ5	5	2K/4K Resolution ,Projector	1
7	W		SLA3	84	Column Array Speaker	2
8	C		WMA		Wireless Mic Antenna	2
9			PJL1	7	Motorized Ceiling Mounting Lift	1
10	W		FOH1-CR		Wall Mount Junction Box	2
11	W		ADB2-CR		Wall Mount Junction Box	1
12	W		VDB1-CR		Wall Mount Junction Box	1
13			ERK1		AV Equipment Rack	1
14	W		JB-OB		Junction Box for OB Van Connectivity	1
15			AHP	147	Acoustics Headphone	1
16	C		WAP	(BY OTHER)	Wireless access point	1
17			TBTA*		Wireless Talk Back Transceiver Antenna	1
18	W		KPAD*	158	Wall Mount Keypad	1
19			ANT1-CR	138	Omnidirectional Antenna	1

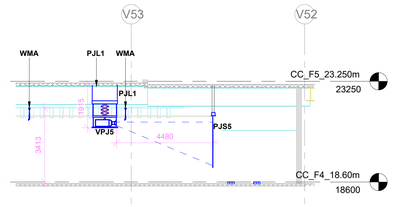
ABBREVIATION	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVTY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

6 AUDIO VISUAL SYSTEM LAYOUT FOR CONF RM 13 - FLOOR PLAN
1 : 100

7 AUDIO VISUAL SYSTEM LAYOUT FOR CONF RM 13 - CEILING PLAN
1 : 100



8 CONF. RM.13 PJS5 SCREEN ELEVATION
1 : 100



9 CONF. RM.13 PJS5 SCREEN SIDE ELEVATION
1 : 100

AV EQUIPMENT LEGEND					
SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			WMA	138	Omnidirectional Antenna	1
2			CAM1*	161	PTZ Camera	2
3	F		FB1-CR		Floor Mount Junction Box	1
4	F		FB2-CR		Floor Mount Junction Box	1
5			PJS5	11	150" Diagonal Motorized Projection Screen	1
6			VPJ5	5	2K/4K Resolution ,Projector	1
7	W		SLA3	84	Column Array Speaker	2
8	C		WMA		Wireless Mic Antenna	2
9			PJL1	7	Motorized Ceiling Mounting Lift	1
10	W		FOH1-CR		Wall Mount Junction Box	1
11	W		ADB2-CR		Wall Mount Junction Box	1
12	W		VDB1-CR		Wall Mount Junction Box	1
13			ERK1		AV Equipment Rack	1
14	W		JB-OB		Junction Box for OB Van Connectivity	1
15			AHP	147	Acoustics Headphone	1
16	C		WAP	(BY OTHER)	Wireless access point	1
17			TBTA*		Wireless Talk Back Transceiver Antenna	1
18	W		KPAD*	158	Wall Mount Keypad	1
19			ANT1-CR	138	Omnidirectional Antenna	1

ABBREVIATION	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVTY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

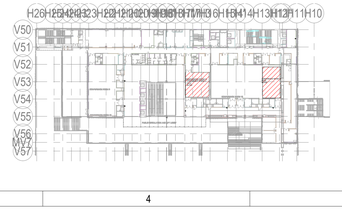
PROJECTOR THROW DISTANCE :-		
SR.NO.	DEVICE ID	THROW DISTANCE
1	VPJ5	MAXIMUM 16.3FT OPTIMUM 14.7FT MINIMUM 13.0FT

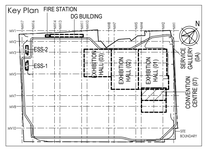
NOTES

GENERAL

1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_ECC_PEAC_XX_ELV_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION
2. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-11 ARE AS PER 69 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
3. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-13 ARE AS PER 69 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT
4. EASE HEAT MAP ANALYSIS REPORT FOR AUDIO WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM AUDIO COVERAGE & SPL AS PER RFP REQUIREMENTS
5. HEAT MAP ANALYSIS REPORT FOR WIRELESS LANGUAGE INTERPRETATION SYSTEM ACCESS POINTS WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
6. HEAT MAP ANALYSIS REPORT FOR WIRELESS MICROPHONE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
7. HEAT MAP ANALYSIS REPORT FOR WIRELESS DIGITAL CONFERENCE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
8. FURNITURE LAYOUT IS INDICATIVE (SHOULD BE MENTIONED IN NOTES AREA.) AS FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWING WILL BE REVISED IN SHOP DRAWING STAGE BASED ON APPROVED FURNITURE LAYOUT.
9. THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.

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O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0018	AUDIO & VIDEO ONE LINE DIAGRAM FOR CONFERENCE ROOM 11 & 13
O17203-I-SP-07-WD-1007	CONVENTION CENTRE-FOURTH FLOOR FLOORING LAYOUT
O17203-I-SP-07-WD-1207	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 1)
O17203-I-SP-07-WD-1267	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 2)
O17203-I-SP-07-WD-1570	CONVENTION CENTRE-4TH FLOOR - FURNITURE LAYOUT
O17203-I-SP-07-WD-2631	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 11 - 4F
O17203-I-SP-07-WD-2632	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 13 - 4F





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egis
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Plot No. 64, Sector 32, Institutional Area, Opp: Zenatix Solutions, Gurugram, Haryana 122001

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

Certification
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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	18-04-2020	SP	PSY	MSK	GNR

Revisions

ARCHITECTURE			FPS		
STRUCTURAL			PIPING		
ELECTRICAL			PHE		
ELV SYSTEM			GIS		
HVAC			GEOTECH.		
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JOB No : O17203

Project Name
INDIA INTERNATIONAL CONVENTION & EXPO CENTRE
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Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No			Rev. No
L	07	3009	R0

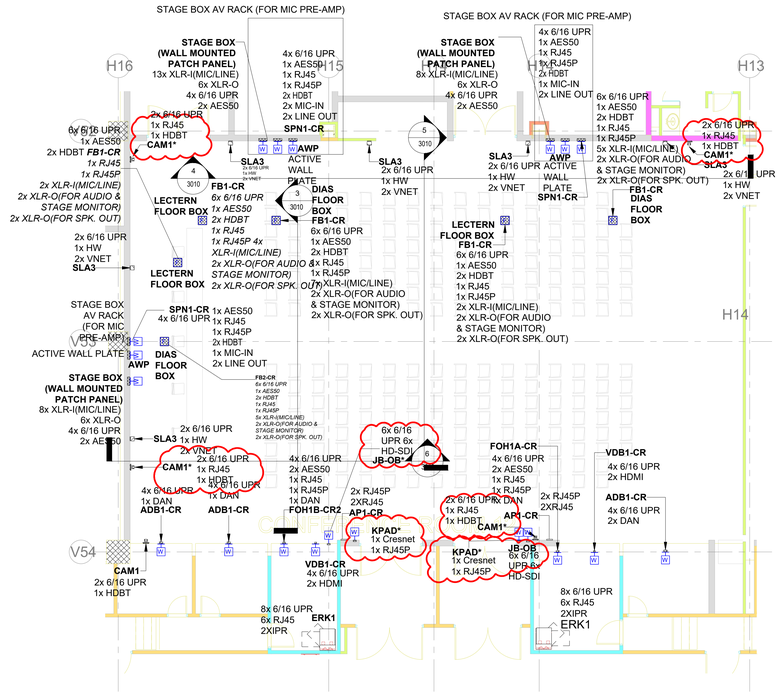
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CONVENTION CENTRE
AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 11 & 13

EDRC DWG No : O17203-L-SP-07-AV-3009

Scale	Sheet Size
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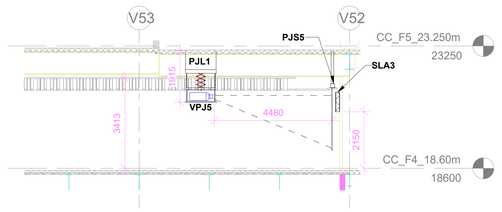
O17203 - L - 07 - 3009 (AUDIO & VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 11 & 13)



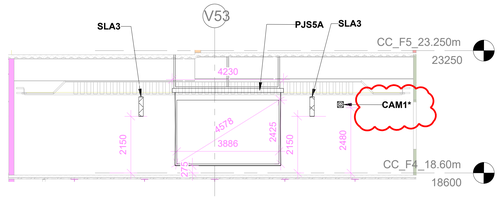
1 AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM 12- FLOOR PLAN
1 : 80



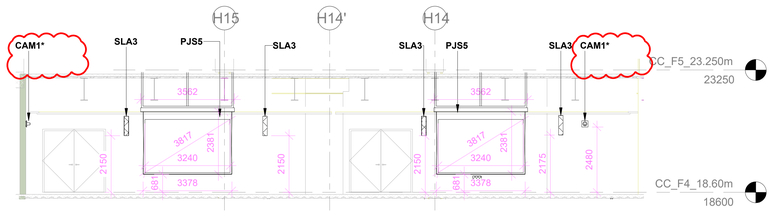
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1 : 80



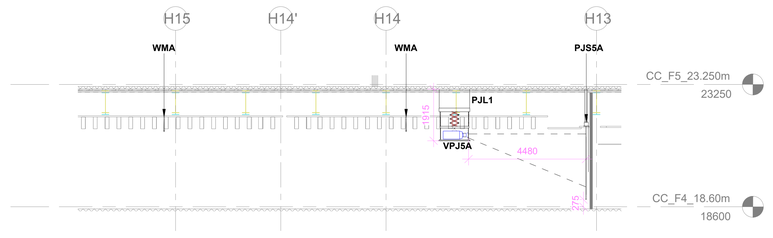
5 CONF. RM. 12 PJS5 SIDE SCREEN ELEVATION
1 : 80



3 CONF. RM. 12 PJS5 SCREEN ELEVATION
1 : 80



4 CONF. RM.12 PJS5 SIDE SCREEN ELEVATION
1 : 80



6 CONF. RM. 12 PJS5 SIDE SCREEN ELEVATION
1 : 80

ABBREVIATION	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVITY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

PROJECTOR THROW DISTANCE :-		
SR.NO.	DEVICE ID	THROW DISTANCE
1	VPJ5	MAXIMUM 16.3FT OPTIMUM 14.7FT MINIMUM 13.0FT

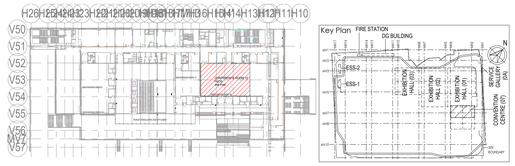
AV EQUIPMENT LEGEND

SR.NO	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC NO	DESCRIPTION	QTY.
1			WMA	138	Omnidirectional Antenna	4
2		CAM1*		161	PTZ Camera	5
3			AP1-CR		Wireless Access Point	2
4	F		FB1-CR		Floor Mount Junction Box	5
5	F		FB2-CR		Floor Mount Junction Box	1
6			PJS5	11	150" Diagonal Motorized Projection Screen	2
7	CR		VPJ5	5	2K/4K Resolution ,Projector	2
8			SLA3	84	Column Array Speaker	6
9	E		WMA-A2A/B		Wireless Mic Antenna	4
10			PJL1	7	Motorized Ceiling Mounting Lift	3
11	W		FOH1-CR		Wall Mount Junction Box	2
12	W		ADB1-CR		Wall Mount Junction Box	1
13	W		VDB1-CR		Wall Mount Junction Box	1
14			ERK1		AV Equipment Rack	1
15	W		SPN1		Stage Junction Box	3
16	W		JB-OB		Junction Box for OB Van Connectivity	2
17			AHP	147	Acoustics Headphone	2
18	W		AWP		Active Wall Plate	3
19	C		WAP	(BY OTHER)	Wireless access point	2
20			RTA*		Wireless Talk Back Transceiver Antenna	2
21	W		KPAD*	158	Wall Mount Keypad	2
22			PJS5A	10	180" Diagonal Motorized Projection Screen	1
23	CR		VPJ5A	4	Projector	1

NOTES

GENERAL
1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT ED_ECC_PEAC_XX_ELV_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION.
2. THE AV SYSTEM REQUIREMENTS FOR THE CONFERENCE ROOM-12 ARE AS PER 266 PAX AV REQUIREMENT IN THE ABOVE SAID DOCUMENT.
3. EASE HEAT MAP ANALYSIS REPORT FOR AUDIO WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM AUDIO COVERAGE & SPL AS PER RFP REQUIREMENTS
4. HEAT MAP ANALYSIS REPORT FOR WIRELESS LANGUAGE INTERPRETATION SYSTEM ACCESS POINTS WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
5. HEAT MAP ANALYSIS REPORT FOR WIRELESS MICROPHONE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
6. HEAT MAP ANALYSIS REPORT FOR WIRELESS DIGITAL CONFERENCE SYSTEM ANTENNA WILL BE SUBMITTED AS A PART OF SHOP DRAWING AND EPCC WILL ENSURE THE UNIFORM COVERAGE.
7. FURNITURE LAYOUT IS INDICATIVE (UNLESS BE MENTIONED IN NOTES AREA.) AS FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWINGS WILL BE KEPT IN SHOP DRAWING STAGE BASED ON APPROVED FURNITURE LAYOUT.
8. THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.

REFERENCE DRAWINGS / DOCUMENTS: (LATEST REVISION)	
O17203-L-SP-07-GN-0016	GENERAL NOTES
O17203-L-SP-07-GN-0017	LEGEND AND ABBREVIATIONS
O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0019	AUDIO & VIDEO ONE LINE DIAGRAM FOR CONFERENCE ROOM 12
O17203-I-SP-07-WD-1007	CONVENTION CENTRE-FOURTH FLOOR FLOORING LAYOUT
O17203-I-SP-07-WD-1267	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 1)
O17203-I-SP-07-WD-1267	CONVENTION CENTRE-CEILING LAYOUT- FOURTH FLOOR (PART 2)
O17203-I-SP-07-WD-1570	CONVENTION CENTRE-4TH FLOOR - FURNITURE LAYOUT
O17203-I-SP-07-WD-2632	CONVENTION CENTRE-INTERIOR ELEVATIONS CONFERENCE 13 - 4F



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Revisions

ARCHITECTURE			FPS		
STRUCTURAL			PIPING		
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ELV SYSTEM			GIS		
HVAC			GEOTECH.		
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JOB No : O17203

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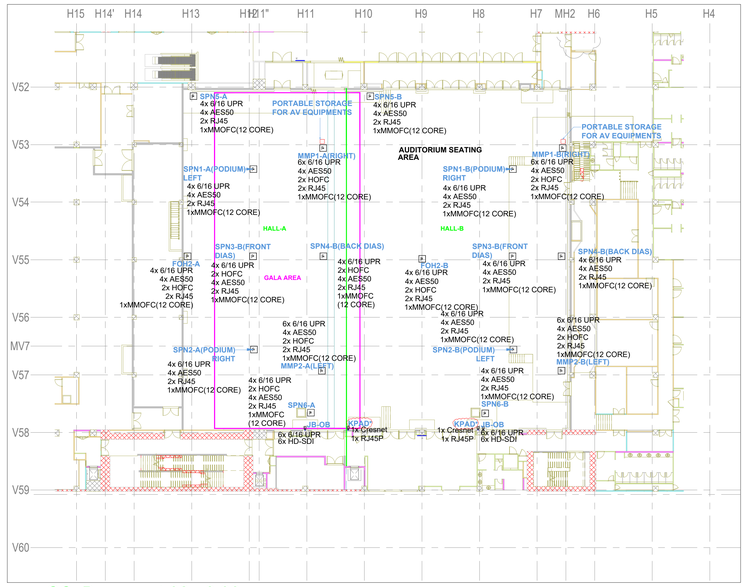
Drawing Status
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Drawing No			Rev. No
L	07	3010	R0

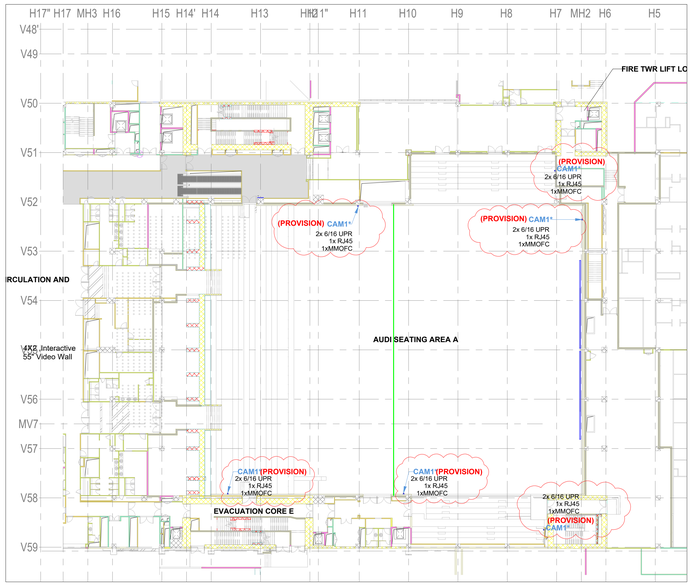
Title :
CONVENTION CENTRE
AUDIO VISUAL SYSTEM LAYOUT FOR CONFERENCE ROOM-12

EDRC DWG No :	Scale	Sheet Size
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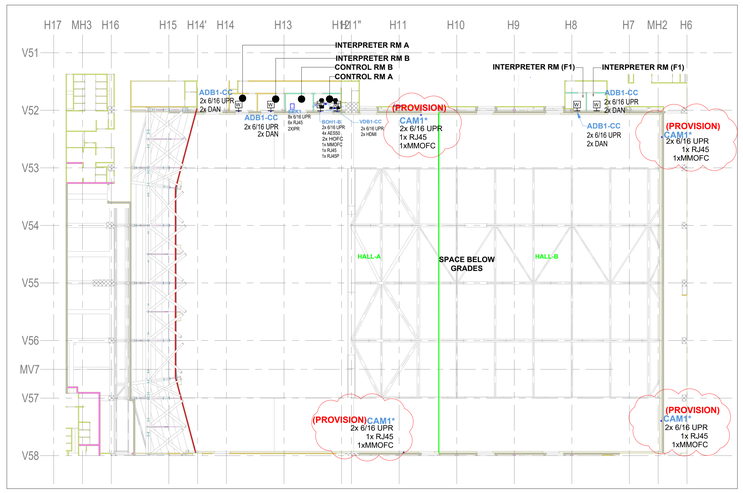
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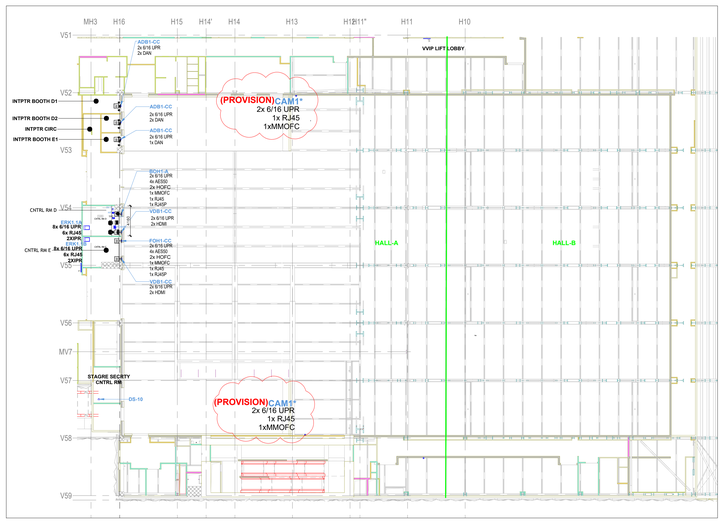
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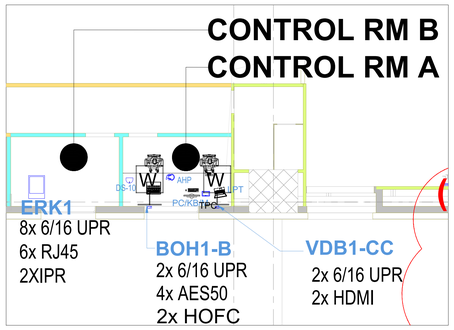
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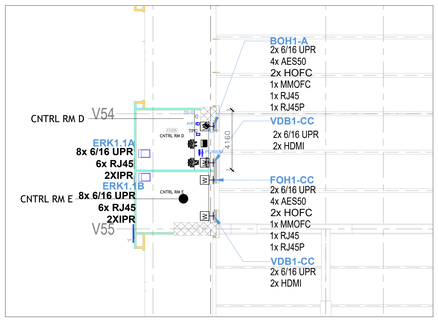
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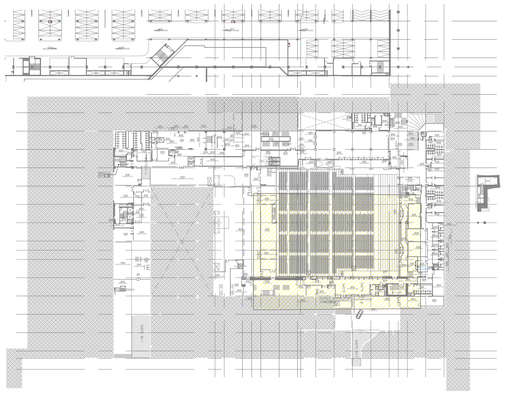
4 CC_F2_9.30
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5 CONTROL RM. A& B
1 : 75



6 CONTROL RM. D & E
1 : 150



Key Plan

NOTES

1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_EDC_PEAC_XX_ELV_X_XX_RP_003_04 -AV SYSTEM DESCRIPTION
2.THE AV SYSTEM REQUIREMENTS FOR THE AUDITORIUM ARE AS PER CC AUDITORIUM AV REQUIREMENT IN THE ABOVE SAID DOCUMENT.
3.THIS ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.
4.FURNITURE LAYOUT IS INDICATIVE (SHOULD BE MENTIONED IN NOTES AREA) AS FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWING WILL BE REVISED IN SHOP.
5.FIBER EXTENDER WILL BE CONSIDERED IF CABLE LENGTH EXCEEDS MORE THEN 70M FOR HDMI CONNECTOR.
6.TO BE CONFIRMED IF LIGHTING CONTROLLER ARE AVAILABLE IN LIGHT DESIGNING.
7.FOR PROJECTOR SCREEN & PROJECTOR SUPPORT STRUCTURE , HANGING MECHANISM WILL HAVE LENGTH EXTENSION OPTION, WHICH CAN BE UTILIZED INSTALLATION & COMMISSIONING OF THESE DEVICES .

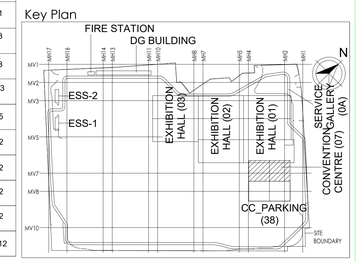
REFERENCE DRAWINGS / DOCUMENTS: (LATEST REVISION)	
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O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0002	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 01
O17203-L-SP-07-SC-0003	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 02
O17203-L-SP-07-SC-0004	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 03
O17203-L-SP-07-SC-0007	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 01
O17203-L-SP-07-SC-0020	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 02
O17203-L-SP-07-SC-0021	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 03

ABBREVIATION LEGEND	
HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVITY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

DIGITAL SIGNAGE & FLOOR BOX EQUIPMENT LEGEND

SR.NO	SYMBOL	DEVICE ID	Tender Spec. No.	DESCRIPTION	QTY.
1	F	SPNXX		AV Floor Box	12
2	F	MMP1-B		AV Floor Box	1
3		CBT2		Cable Tray	3
4		ERK1	230	42U AV Rack	3
5		DS-10	107	**Desktop Paging Station**	3
5	W	ADB1-CC		Wall Mount Junction Box	5
6	W	FOH1-CC		Wall Mount Junction Box	2
7	W	JB-OB		Junction Box for OB VAN Connectivity	2
8	W	KPAD*	158	Wall Mount Keypad	2
9		AHP	147	Acoustics Headphone	2
10		CAM1* (PROVISION ONLY)	161	PTZ Camera	12

Key Plan



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Revisions

ARCHITECTURE			FPS		
STRUCTURAL			PIPING	—	—
ELECTRICAL			FHE		
ELV SYSTEM	—	—	GIS	—	—
HVAC			GEOTECH	—	—
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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			Rev. No
L	07	3011	R0

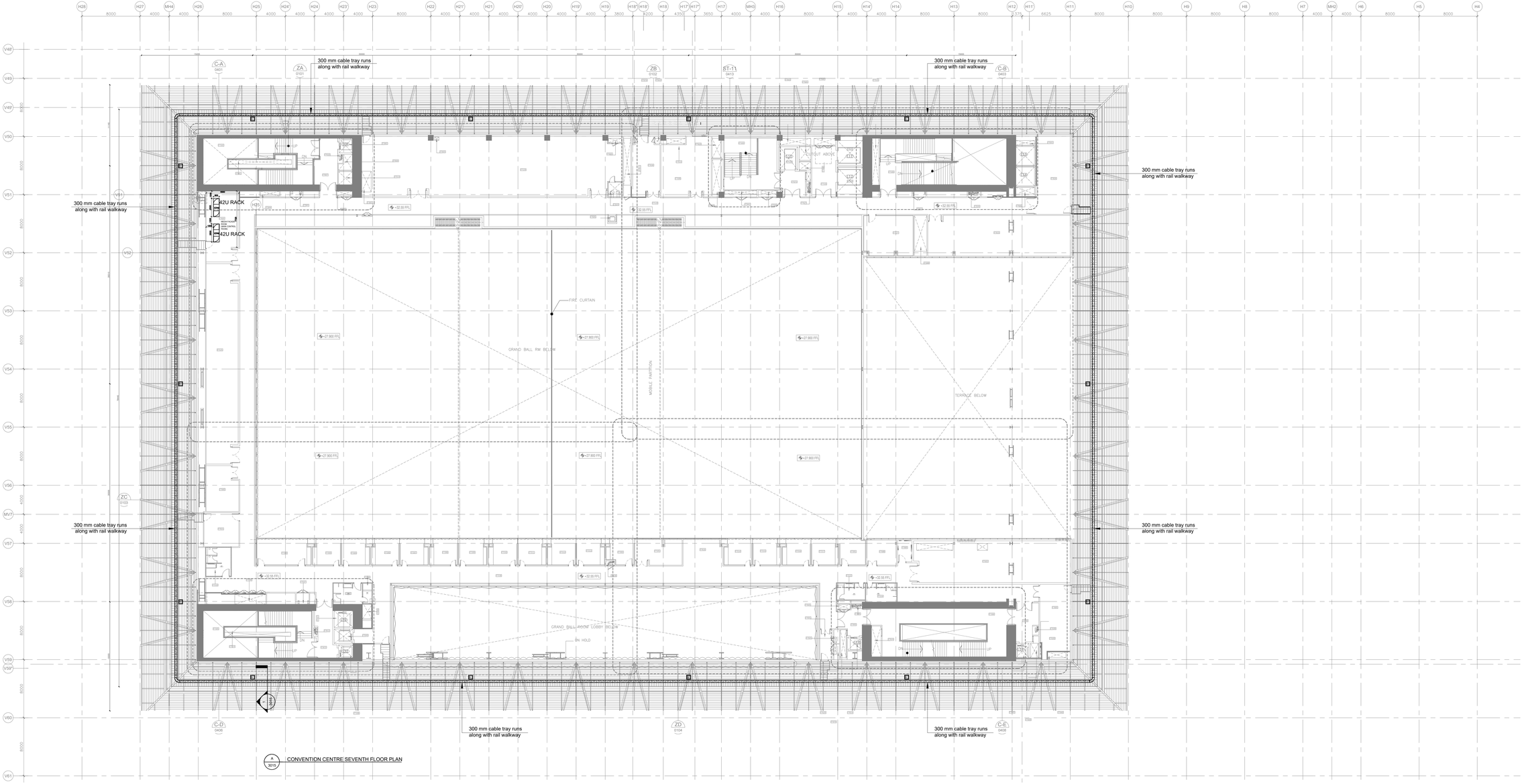
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CONVENTION CENTER
AUDIO VISUAL SYSTEM FLOOR LAYOUT FOR AUDITORIUM

EDRC DWG No : O17203-L-SP-07-AV-3011

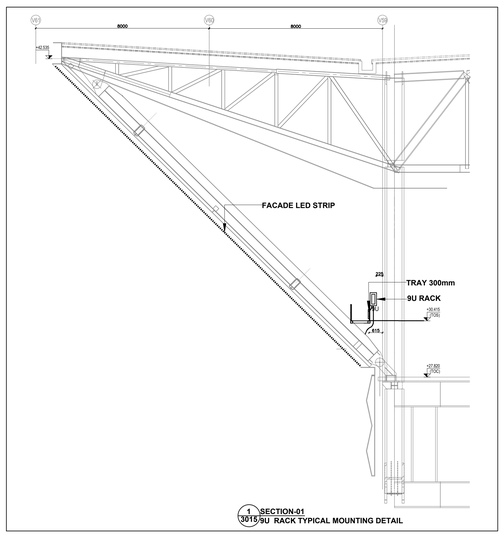
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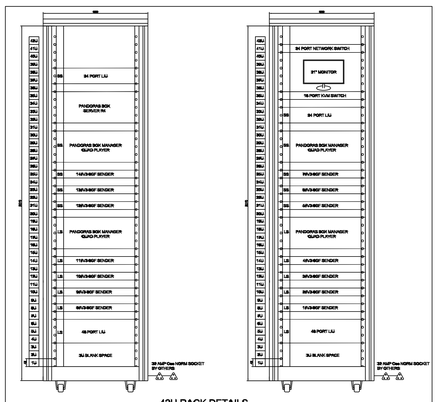
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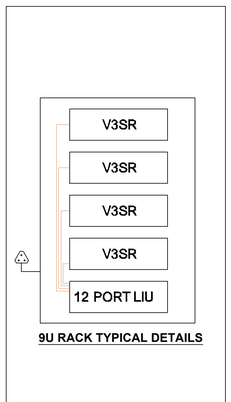
CONVENTION CENTRE SEVENTH FLOOR PLAN



SECTION-01
9U RACK TYPICAL MOUNTING DETAIL



42U RACK DETAILS



9U RACK TYPICAL DETAILS

REFERENCE DRAWING
ARCHITECTURE
FLOOR PLANS APPROVED VIA TRANSMITTAL NO EDRC-B&F/O17203/01346
STRUCTURE
O17203-C-SP-07-NU-0012 - LAYOUT AND NUMERATION DETAIL OF LEVEL - F8 (+27.90M)
ELV
O17203-L-SP-07-SC-0006 - CONVENTION CENTER - BLOCK SCHEMATIC DIAGRAM FOR LED FACADE
ELECTRICAL
O17203-E-SP-07-LL-0082 - CONVENTION CENTER - SEVENTH FLOOR 7F - LIGHTING LAYOUTS
O17203-E-SP-07-PL-0190 - CONVENTION CENTER - SEVENTH FLOOR 7F - POWER LAYOUTS
O17203-E-SP-07-EE-0298 -CONVENTION CENTER -7F- ELECTRICAL EQUIPMENT, CABLE TRAY & EARTHING LAYOUT - OVERALL PLAN

FPS
O17203-F-SP-07-PL-0031 - CONVENTION CENTRE - 7F - OVER ALL PLAN: LAYOUT OF WETRISER CUM DOWNCOMER,
AUTOMATIC SPRINKLER SYSTEM AND PORTABLE FIRST-AID FIRE EXTINGUISHERS
O17203-F-SP-07-FA-0032 - CONVENTION CENTRE - 7F- OVER ALL PLAN: LAYOUT OF INTEGRATED INTELLIGENT ADDRESSABLE
FIRE DETECTION & ALARM SYSTEM AND PHOTOLUMINESCENT SAFETY SIGNAGES
HVAC
O17203-V-SP-07-AC-0030 - CONVENTION CENTRE SEVENTH FLOOR 7F - HVAC EQUIPMENT DUCTING AND PIPING LAYOUT
PHE
017203-U-SP-07-IP-0043 to 0045 - PLUMBING SYSTEM LAYOUT - SEVENTH FLOOR 7F - TOILET WATER SUPPLY LAYOUT

GENERAL NOTE
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.MS CONDUIT USED FOR OPEN APPLICATION.
4.THIS DRAWING IS ONLY INDICATIVE AND MAY VARY ACCORDING TO SITE CONDITION AND REQUIREMENT.

SL.NO	SYMBOL	DESCRIPTION	MOUNTING HEIGHT
1		TRAY 300mm	-
2		9U RACK	-

ABBBREVIATION
1.FC-FIELD CONTROLLER
2.V3SR-RECEIVER

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

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Room No.341 B, 3rd Floor Hotel Ashok, Diplomatic Enclave, 50B Chankyapuri, New Delhi - 110021

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Structural	MEP	ICT
PEAC		
Issued by: Employer / Employer's Engineer		

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED FOR GFC	17.03.20	BVH	SS	MSK	QNR

Revisions

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

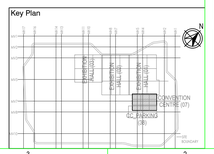
EPC Contractor
L&T Construction Buildings & Factories

JOB No : O17203

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

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

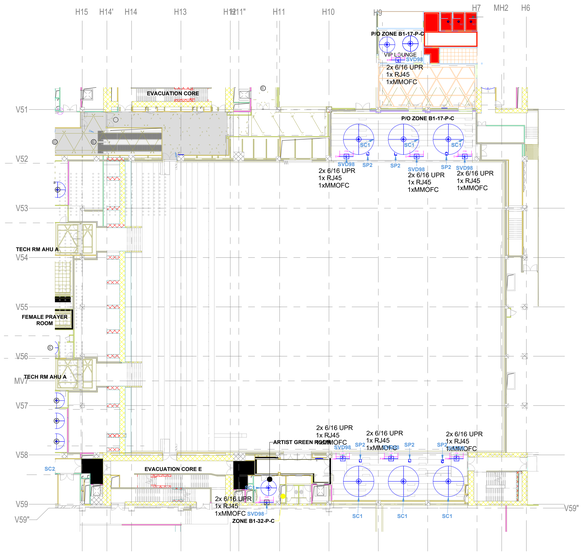
Drawing No			Rev. No
L	07	3015	R0

Key Plan


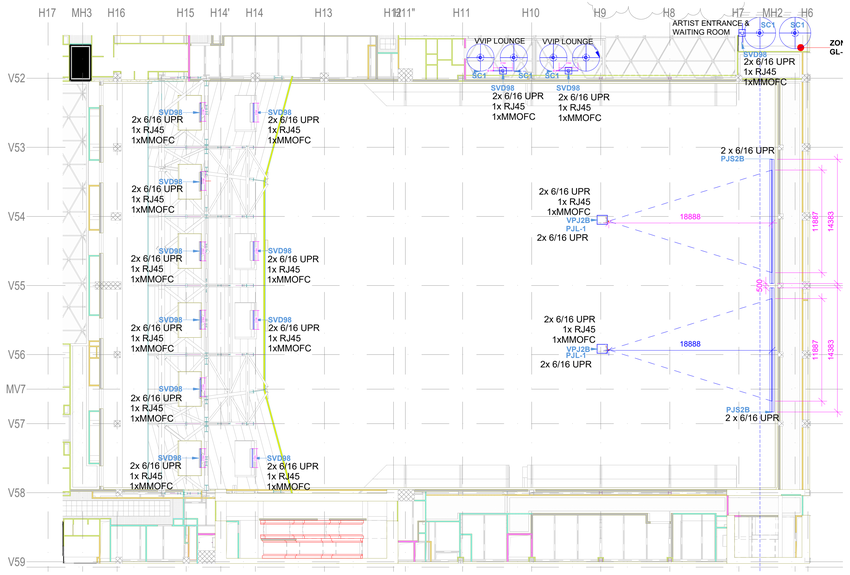
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CONVENTION CENTRE
LED FACADE LAYOUT

EDRC DWG No :	Scale	Sheet Size
O17203-L-SP-07-AV-3015	1:200	A0

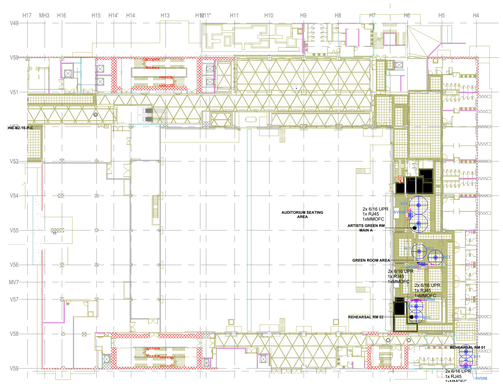
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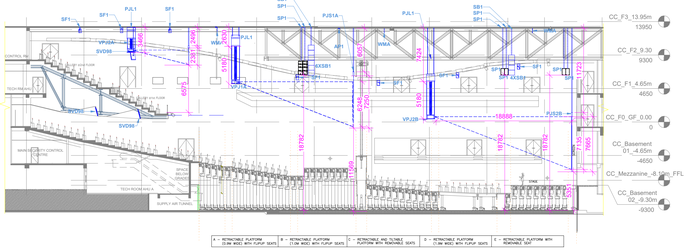
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1 : 300



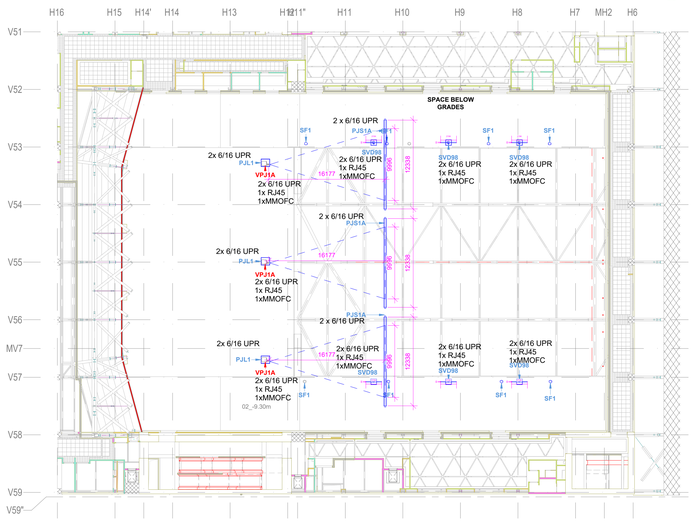
2 CC_F0_GF_0.00,RCP
1 : 250



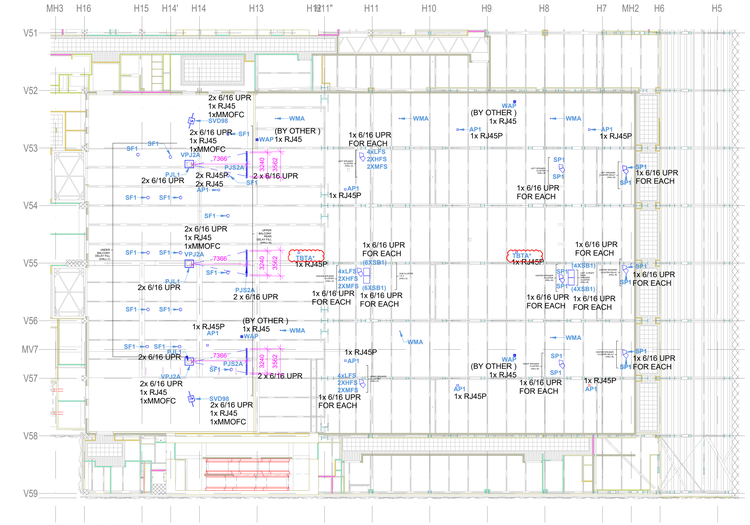
3 CC_Basement 02_-9.30m, RCP
1 : 500



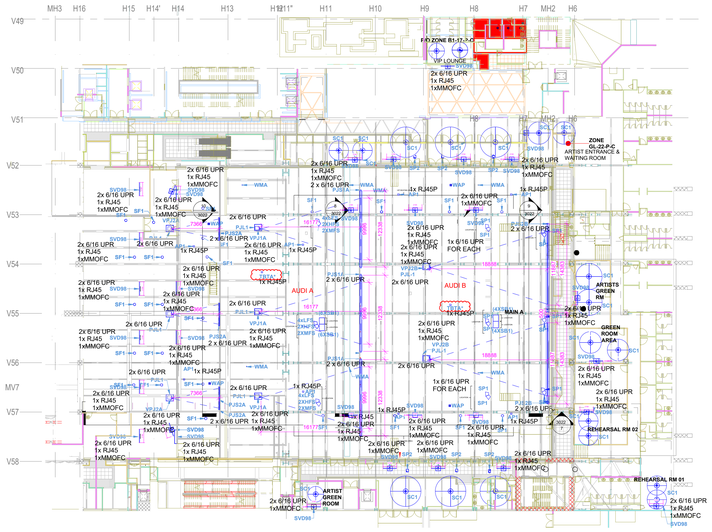
CONFIGURATION - 1
AUDI 01 + AUDI 02



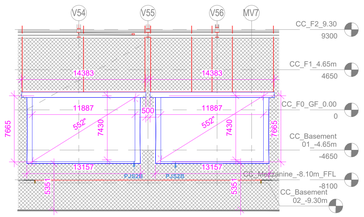
4 CC_F1_4.65m, RCP
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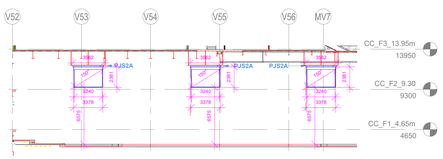
5 CC_F2_9.30, RCP
1 : 300



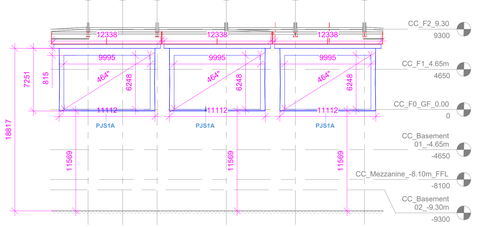
6 CC_AUDITORIUM RCP
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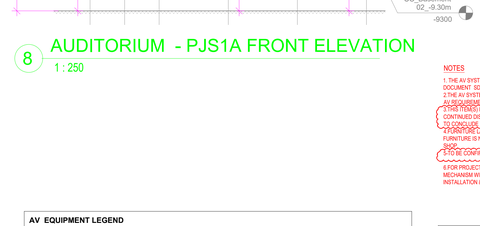
9 AUDITORIUM - PJS2B FRONT ELEVATION
1 : 250



10 AUDITORIUM - PJS2A FRONT ELEVATION
1 : 250



7 AUDITORIUM SIDE ELEVATION
1 : 300



8 AUDITORIUM - PJS1A FRONT ELEVATION
1 : 250

NOTES

1. THE AV SYSTEM REQUIREMENTS CAPTURED ARE IN ACCORDANCE WITH THE RFP DOCUMENT SD_ECC_PEAC_XX_EX_X_XX_RP_003_04 - AV SYSTEM DESCRIPTION
2. THE AV SYSTEM REQUIREMENTS FOR THE AUDITORIUM ARE AS PER CC AUDITORIUM AV REQUIREMENT_R THE ABOVE SAID DOCUMENT.
3. THE ITEM(S) INDICATED IN DRAWING WITH CLOUD OR ASTERISK (*) MARK IS UNDER CONTINUED DISAGREEMENT WITH REGARD TO SCOPE OF WORK. DESIGN IS PROVIDED TO CONCLUDE THE ENGINEERING PACKAGE.
4. FURNITURE LAYOUT IS INDICATIVE ONLY. SHOULD BE REFERRED IN INTERIOR LAYOUT. FURNITURE IS NOT IN THE SCOPE OF EPCC. HOWEVER, DRAWING WILL BE REVISED IN CASE.
5. DO BE CONFIRMED IF LIGHTING CONTROLLER ARE AVAILABLE IN LIGHT DRAWING
6.POR PROJECTOR SCREEN & PROJECTOR ,SUPPORT STRUCTURE , HANGING MECHANISM WILL HAVE LENGTH EXTENSION OPTION, WHICH CAN BE UTILIZED INSTALLATION & COMMISSIONING OF THESE DEVICES.

AV EQUIPMENT LEGEND

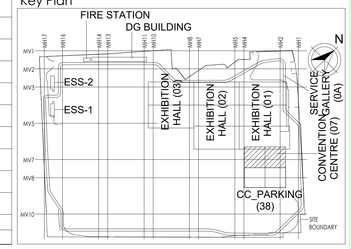
	SYMBOL Top	SYMBOL Front	DEVICE ID	TENDER SPEC. NO	DESCRIPTION	QTY.
1			PJS2B	16	552" Diagonal Motorized Projection Screen	2
2			PJS1A	15	464" Diagonal Motorized Projection Screen	3
3			PJS2A	11	150" Diagonal Motorized Projection Screen	3
4			VPJ2B	1	2K/4K Resolution ,Projector	2
5			VPJ1A	1	2K/4K Resolution ,Projector	3
6			VPJ2A	6	2K/4K Resolution ,Projector	3
7			PJL1	9	Motorized Ceiling Mounting Lift	8
8			SF1	81	Full Range Passive/Bi-amp 12" Point source loudspeaker	23
9			SB1	80	High Power Direct Radiating 2 x 18" Subwoofer	20
10			SP1	74	Dual 12" Trapezoidal Full range Loudspeaker	12
11			WMA	138	Omnidirectional Antenna	6
12			SP2	82	Full Range Passive 12" Point source loudspeaker	6
13			AP1		language interpretation Access Point	8
14			LFS	72	Low Frequency Spk.	12
15			HFS	76	High Frequency Spk.	6
16			MFS	78	MID/HIGH Frequency SPK.	6
17			SVD98	19	98" Ceiling Mount Display Panel	33
18			TBTA*		Wireless Talk Back System Antenna	2
19			SC1	94	5" Ceiling Speaker	23
20	HW		WAP	(BY OTHER)	Wireless access point	4

ABBREVIATION LEGEND

HOFC	HYPERMAC OPTICAL FIBER SOCKET
RJ45	LAN
RJ45P	LAN WITH POE
DAN	DANTE CONNECTIVITY
AES50	AES50 CONNECTIVITY
HDBT	HD BaseT CONNECTIVITY
MMOFC	MULTIMODE OPTICAL FIBER CONNECTIVITY
XLRI	XLR INPUT
XLRO	XLR OUTPUT
6/16 UPR	6/16 AMP POWER MULTI-REGION SOCKET
HW	HARDWIRED TO POWER
VNET	VNET CONNECTIVITY
HDMI	HDMI 2.0 CONNECTIVITY

REFERENCE DRAWINGS / DOCUMENTS: (LATEST REVISION)	
O17203-L-SP-07-GN-0016	GENERAL NOTES
O17203-L-SP-07-GN-0017	LEGEND AND ABBREVIATIONS
O17203-L-SP-07-GN-0018	AV JUNCTION BOX SCHEDULE
O17203-L-SP-07-SC-0002	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 01
O17203-L-SP-07-SC-0003	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 02
O17203-L-SP-07-SC-0004	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 03
O17203-L-SP-07-SC-0007	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 01
O17203-L-SP-07-SC-0020	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 02
O17203-L-SP-07-SC-0021	AUDIO & VIDEO ONE LINE DIAGRAM FOR AUDITORIUM SHEET 03

Key Plan



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PEAC

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Rev	Description	Date	DSGN	DRWN	CHKD	APPD
01	ISSUED AS GOOD FOR CONSTRUCTION	04.08.20	PSN	SS	MSK	GNR

Revisions

ARCHITECTURE				FPS		
STRUCTURAL				PIPING	---	---
ELECTRICAL				FHE		
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			Rev. No
L	07	3022	R0

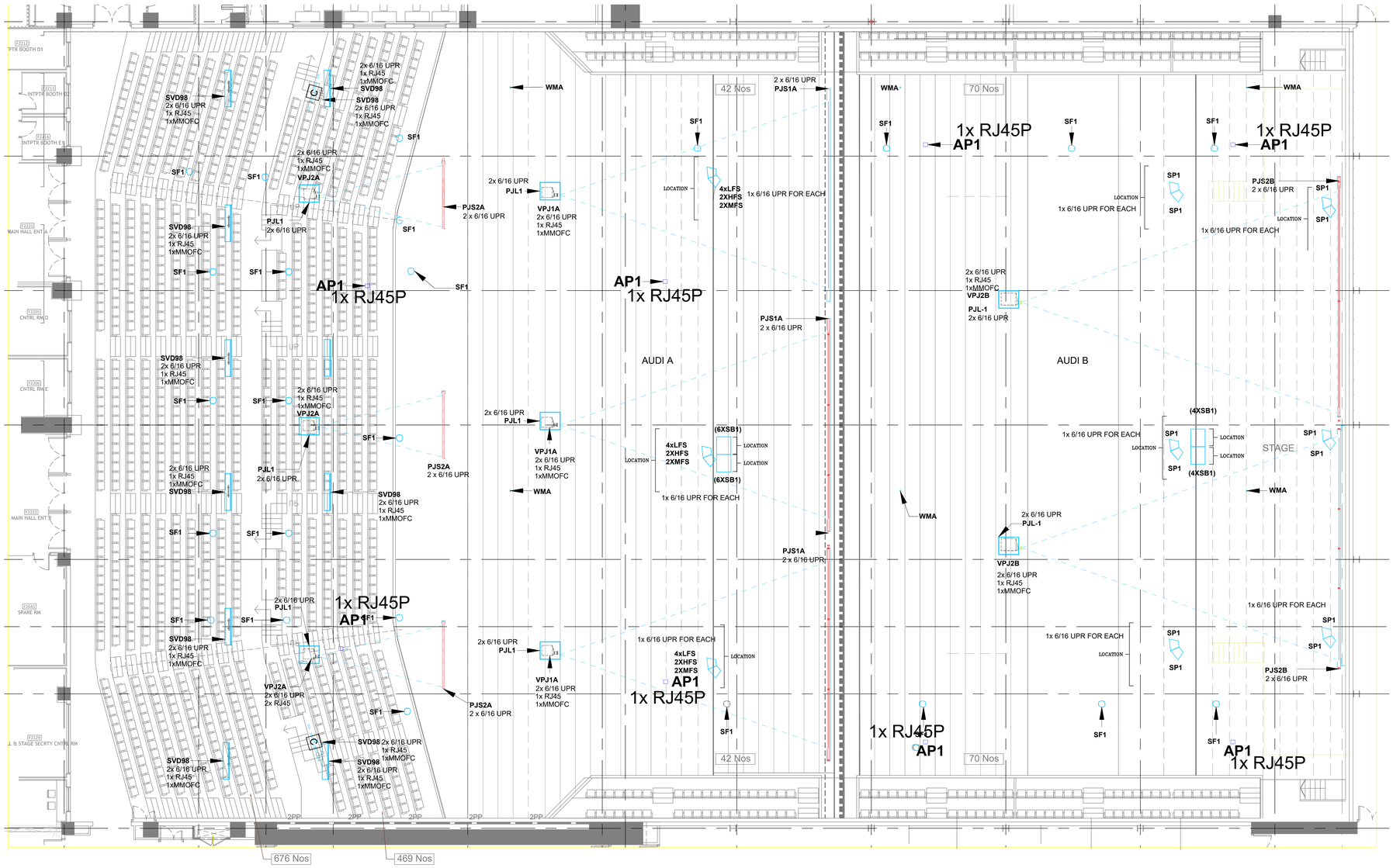
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CONVENTION CENTER
AUDIO VISUAL SYSTEM RCP & ELEVATION LAYOUT FOR AUDITORIUM

EDRC DWG No : O17203-L-SP-07-AV-3022

Scale :	Sheet Size
As indicated	A0

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C:\Users\sarody\Desktop\[EDRC-B&F IC-O17203-r22231_SICADO17203-L-SP-07-AV-3011 & 3022 AUDI LAYOUT.dwg, O17203-L-SP-07-AV-3022, 04-08-2020 19:35:25, ISO full bleed A0 (841.00 x 1189.00 MM)]



A
0001
AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM OVERALL RCP(SHEET 01 OF 11)
1 : 100

KEY PLAN



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

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Proof Consultant

Structural	MEP	ICT

PEAC

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REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	20.03.20	PSN	SS	MSK	GNR

Revisions

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

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JOB No : O17203

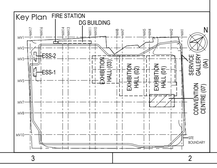
Project Name
DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTIONAL & EXPO CENTRE

SECTOR 25,DWARKA,NEW DELHI,INDIA

Drawing Status
GOOD FOR CONSTRUCTION (GFC)

Drawing No			Rev. No
L	07	0001	R0

Key Plan

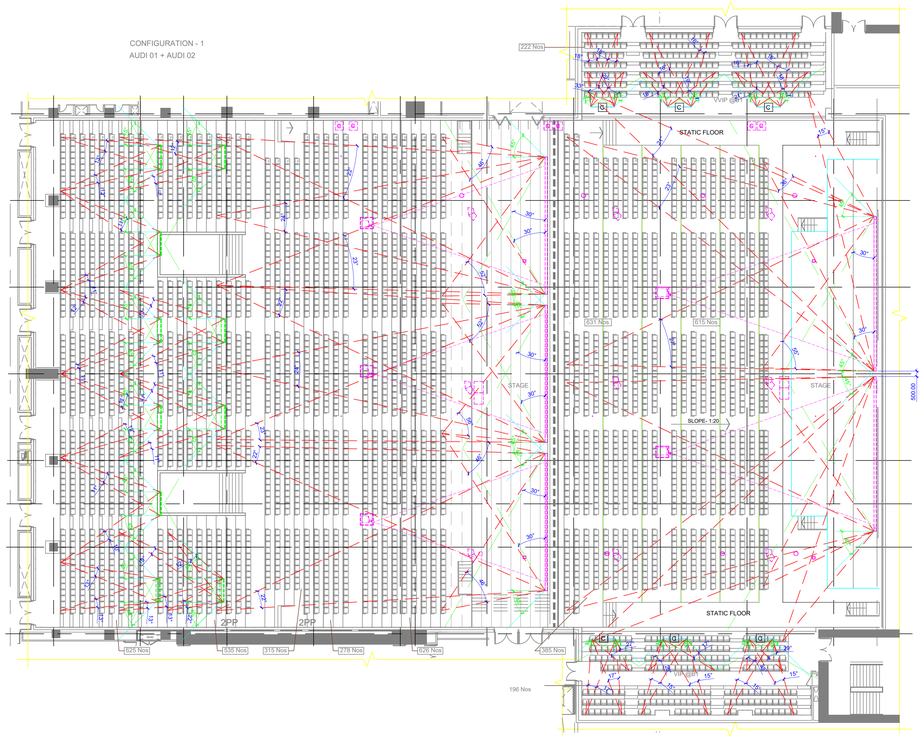


Title :

CONVENTION CENTER
AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM OVERALL RCP(SHEET 01 OF 11)

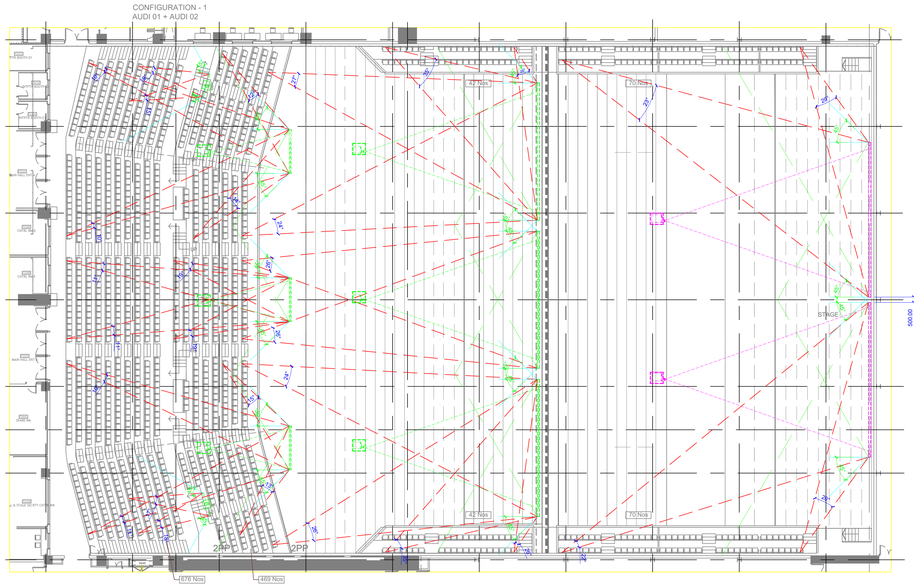
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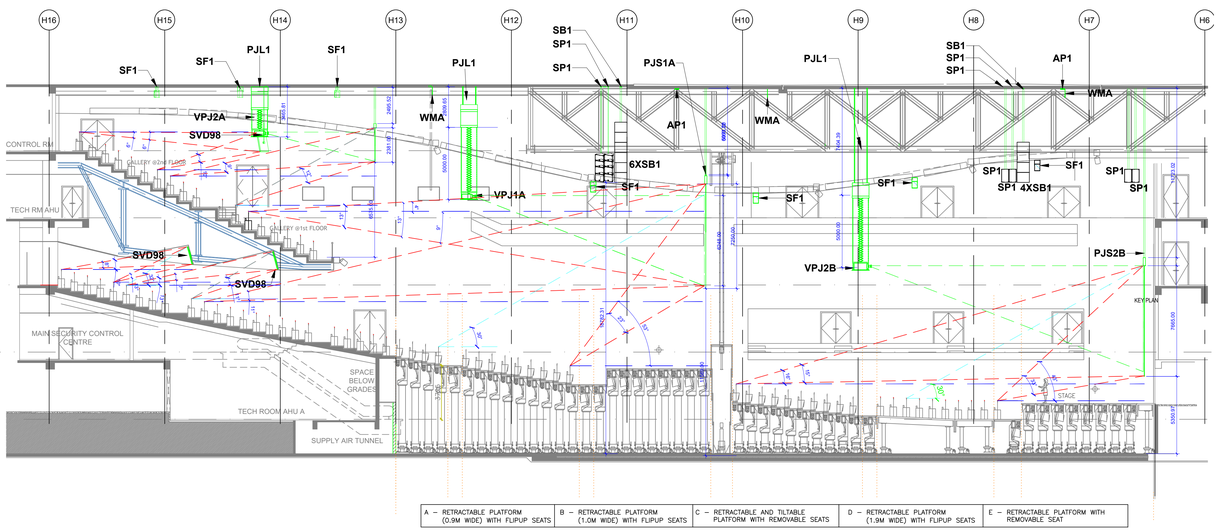
A 0001 AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM WITH VIP SEATS CONFIGURATION-1 AUDI 01+ AUDI 02 (SHEET 02 OF 11)

1 : 200



B 0001 AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM CONFIGURATION-1 AUDI 01+ AUDI 02 (SHEET 02 OF 11)

1 : 200



A – RETRACTABLE PLATFORM (0.9M WIDE) WITH FLIPUP SEATS	B – RETRACTABLE PLATFORM (1.0M WIDE) WITH FLIPUP SEATS	C – RETRACTABLE AND TILTABLE PLATFORM WITH REMOVABLE SEATS	D – RETRACTABLE PLATFORM (1.9M WIDE) WITH FLIPUP SEATS	E – RETRACTABLE PLATFORM WITH REMOVABLE SEAT

C 0001 AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM CONFIGURATION-1 AUDI 01+ AUDI 02 SECTION

1 : 150

KEY PLAN



Owner / Employer

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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

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

Architectural Consultant
Arcop Associates Pvt. Ltd.
A-15, Pampose 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, Adyar, Chennai, Tamil Nadu 600036

MEP Proof Consultant
Egis India Consulting Engineers Pvt. Ltd.
Plot No. 66, Sector 32, Institutional Area, Opp: Zenotfe Solutions, Gurugram, Haryana 122001

ICT Proof Consultant
CKR Consulting Engineers Pvt. Ltd.
#411, 3rd Floor, Rahmana Arcade, Subbaramachetty Road, Nellalappa 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
R0	ISSUED AS GOOD FOR CONSTRUCTION	22.03.22	BVH	SS	MSK	QNR

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

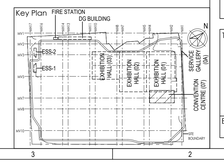
JOB No : 017203

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			Rev. No
L	07	0001	R0

Key Plan



Title :

CONVENTION CENTER
AUDIO VISUAL SYSTEM LAYOUT FOR AUDITORIUM CONFIGURATION-1 AUDI 01+ AUDI 02 (SHEET 02 OF 11)

EDRC DWG No :	Scale	Sheet Size
O17203-L-SP-07-DC-0001	AS INDICATED	A0

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