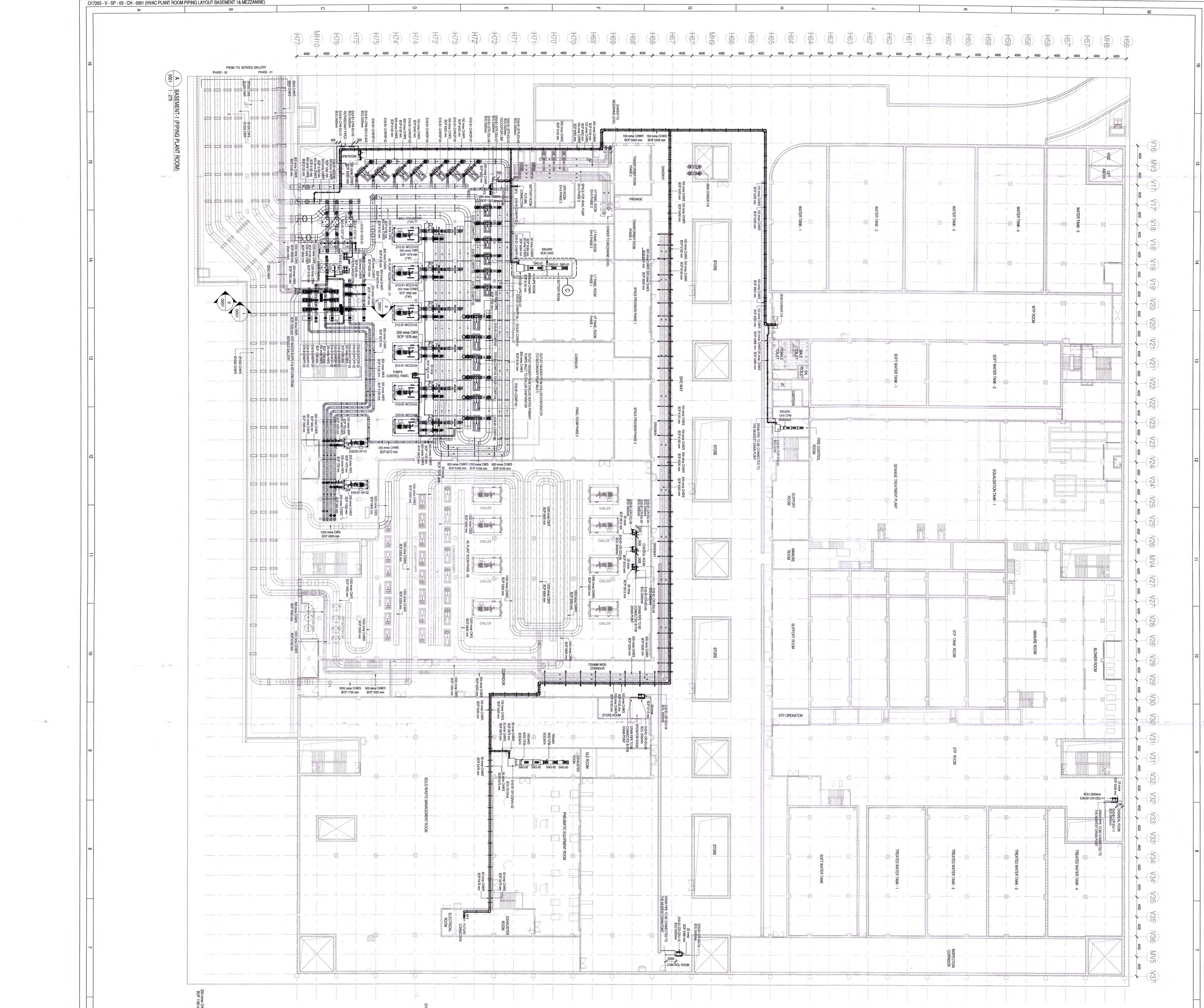
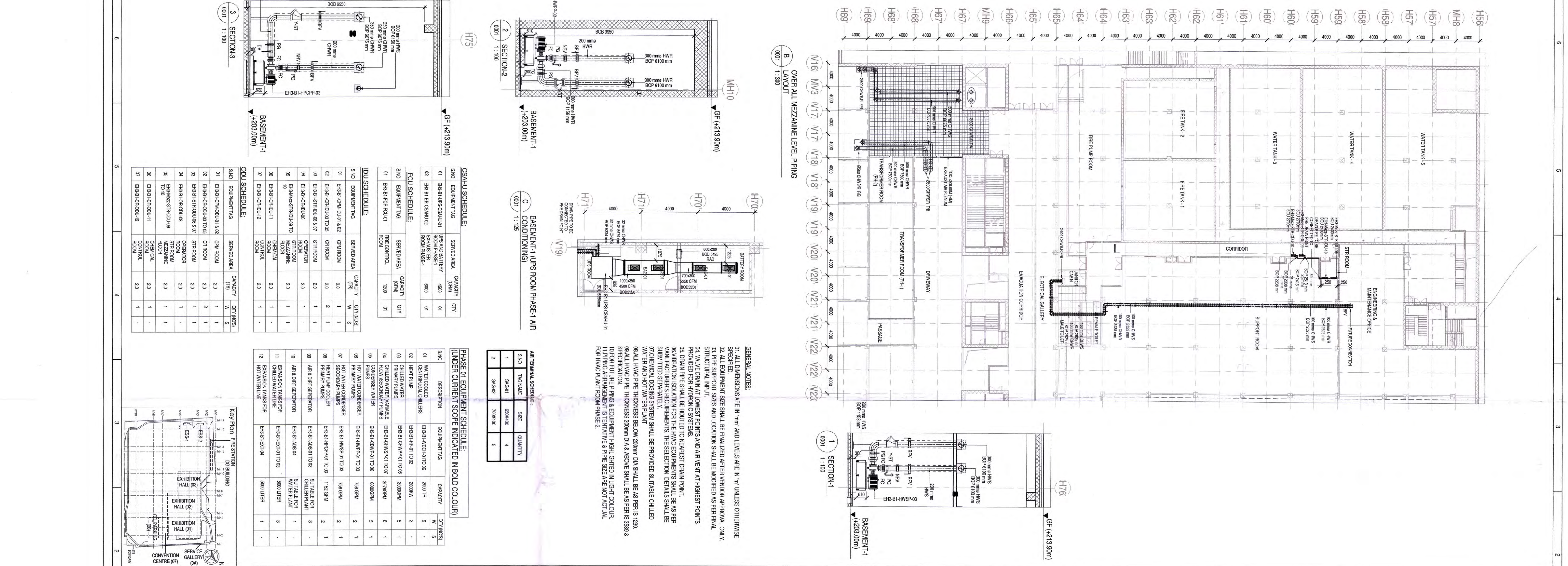
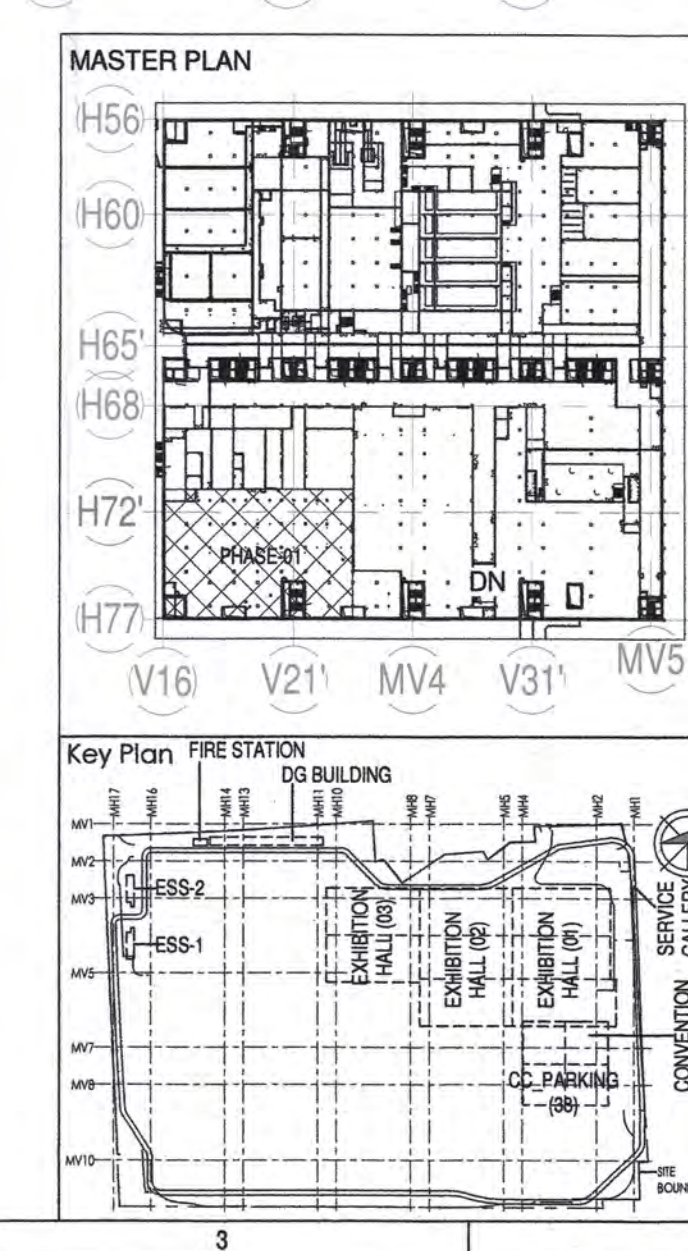
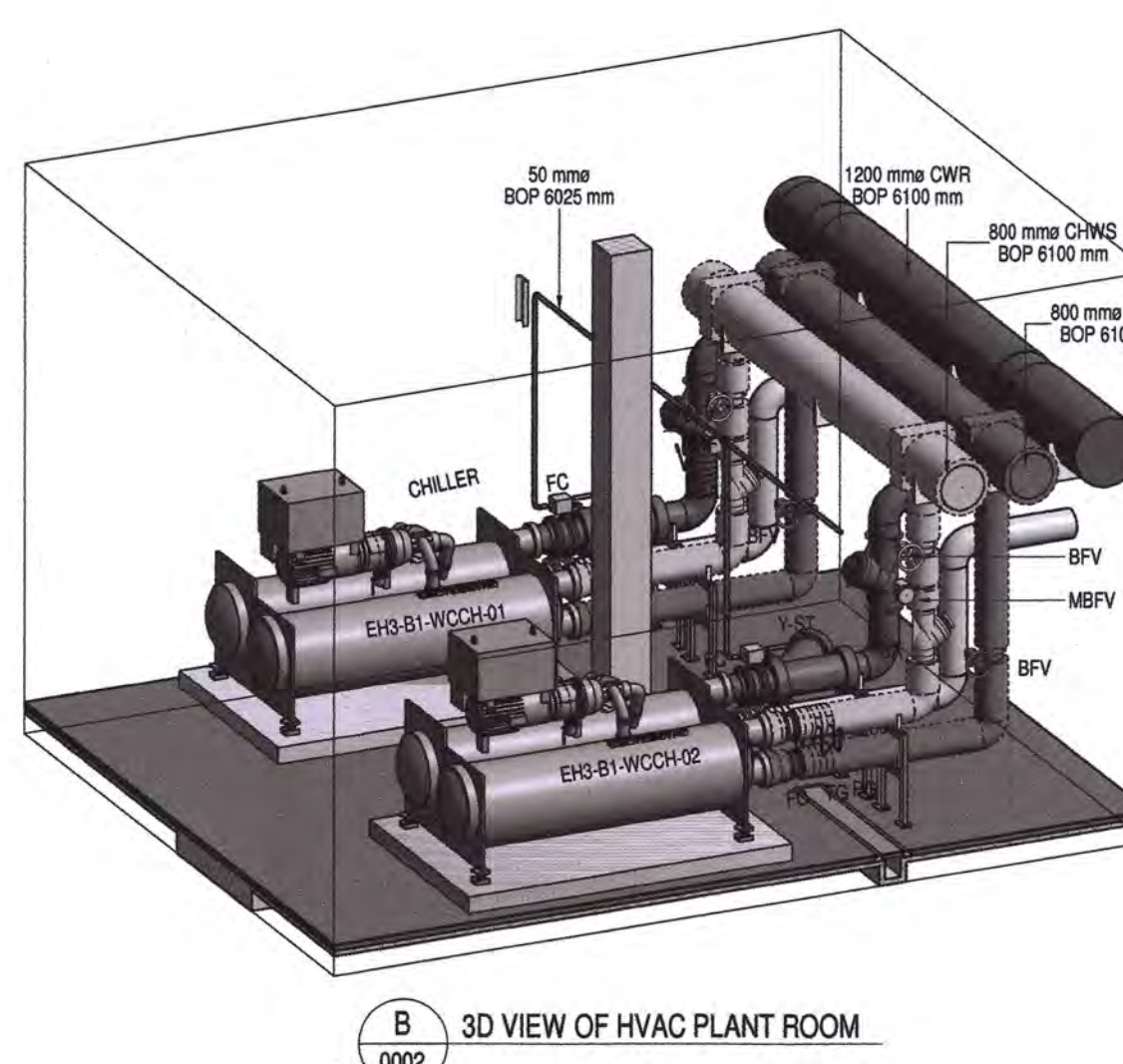
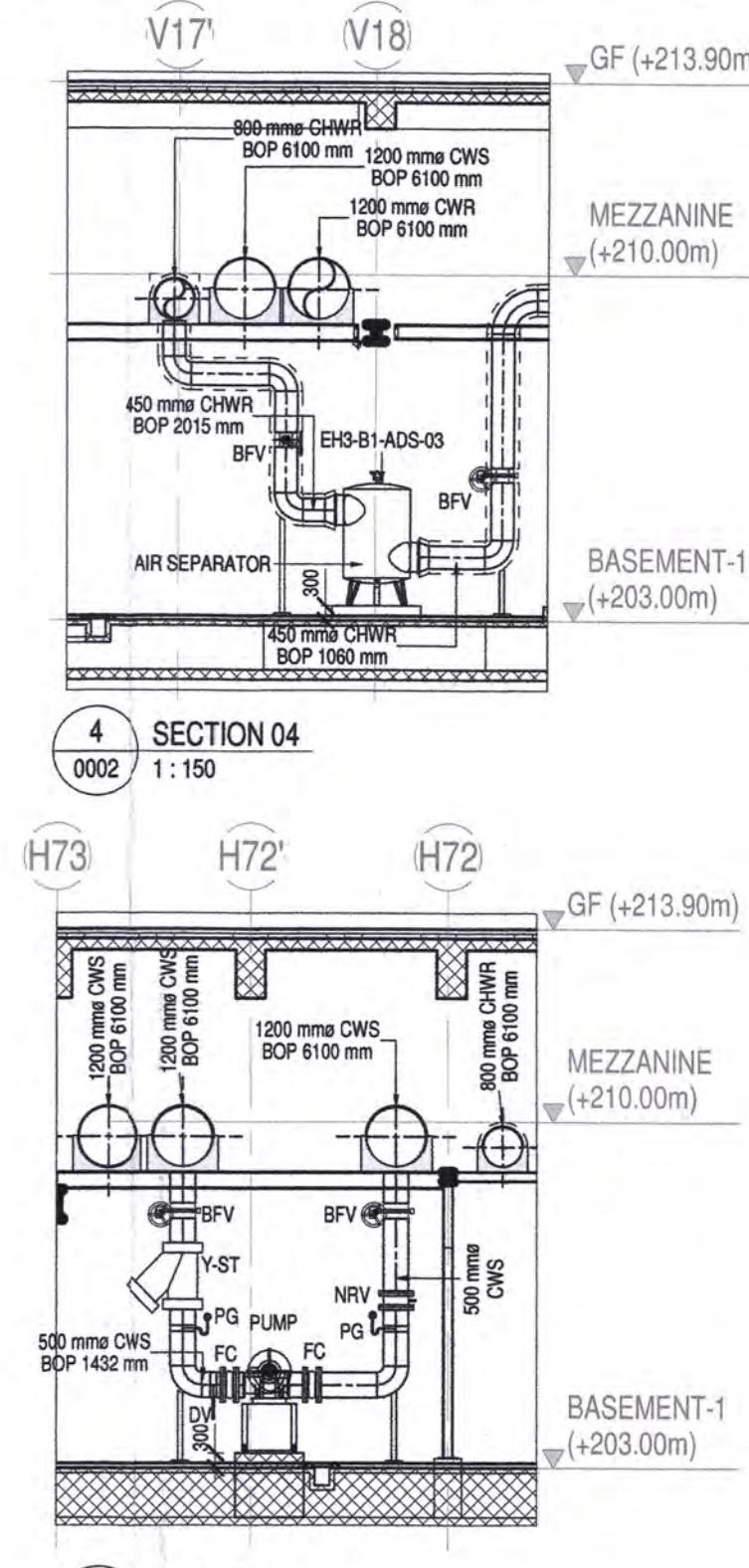
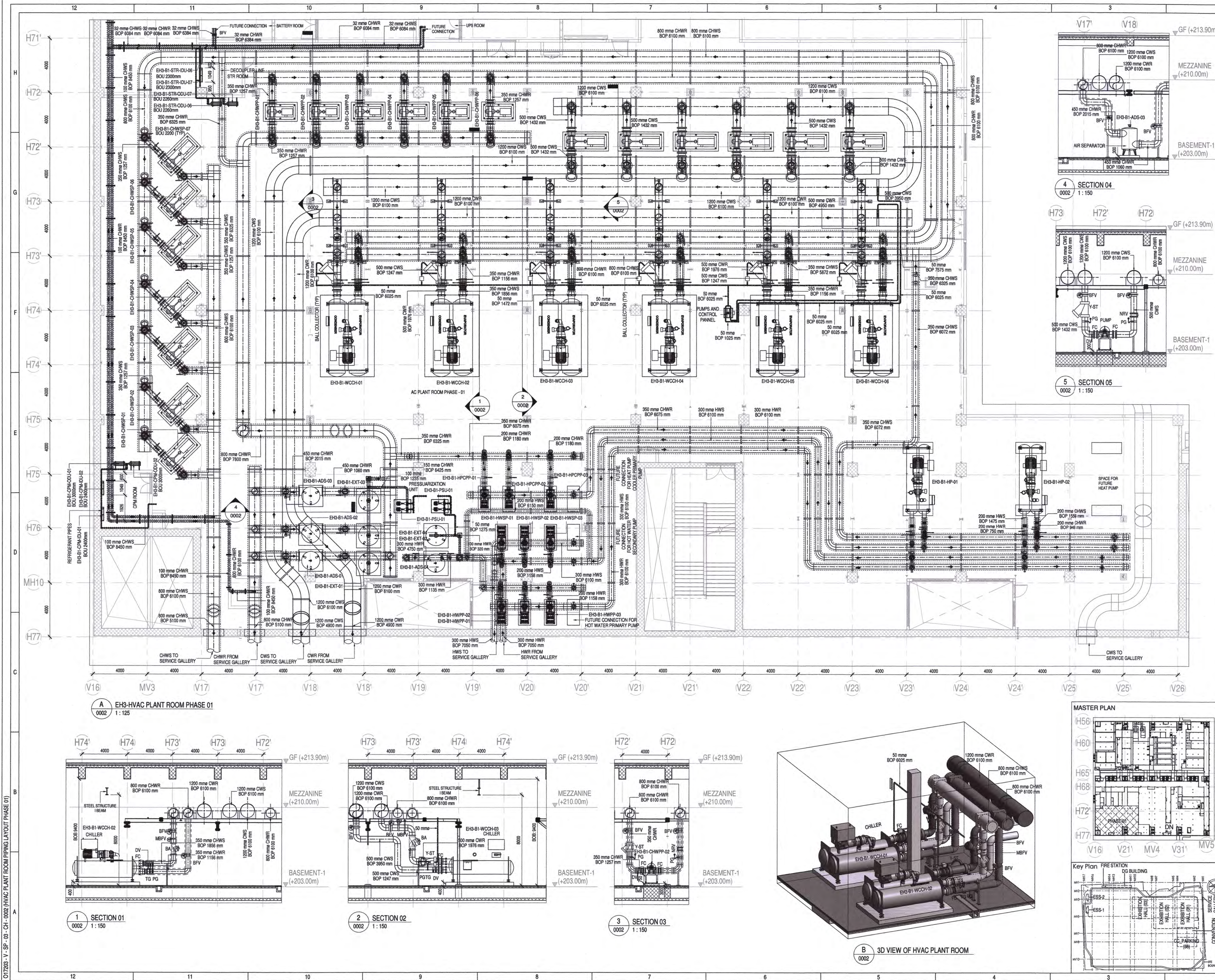






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Department of Industrial Policy and Promotion, Ministry of Commerce & Industry, Government of India

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Employer's Engineer
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Architectural Consultant
Proof Consultant
Structural
MEP
ICT

PEAC reviewed EPC drawings and confirmed that all preliminary aspects and parameters have been adhered to.

Issued by:
Employer / Employer's Engineer

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
R0	ISSUED AS GOOD FOR CONSTRUCTION	18/07/19	AJA	STA	APR	MG

Revisions

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
03	AS PER COMMENTS	18/07/19	AJA	STA	APR	MG

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L&T Construction
Buildings & Factories

JOB No.: O17203

Project Name: DESIGN AND CONSTRUCTION OF INDIA INTERNATIONAL CONVENTION & EXPO CENTRE

SECTOR 25, DWARKA, NEW DELHI, INDIA

Drawing Status: GOOD FOR CONSTRUCTION (GFC)

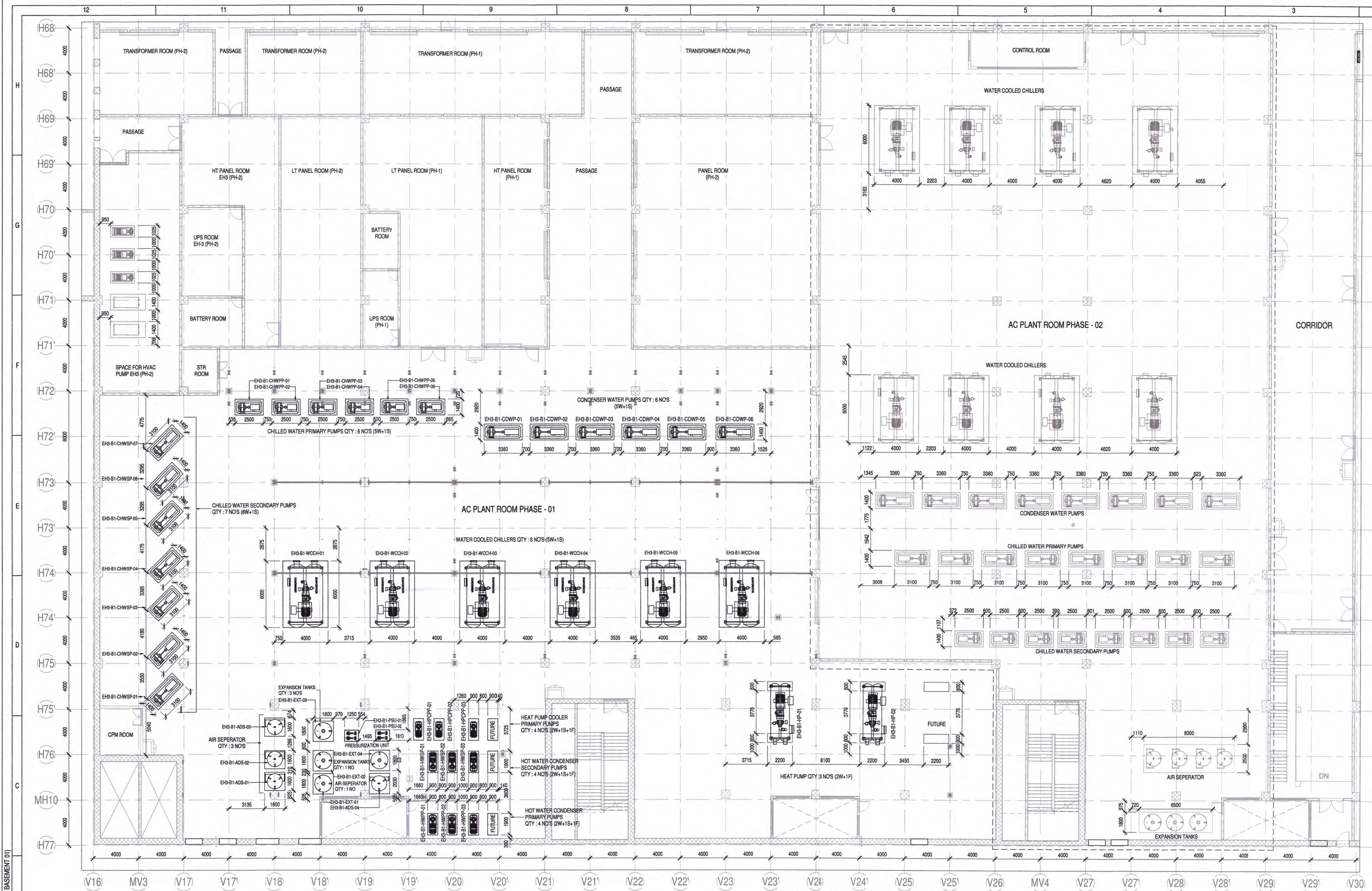
Drawing No: V 03 0002 **Rev. No:** R0

Title: EXHIBITION HALL 03 HVAC PLANT ROOM PIPING LAYOUT PHASE 01

EDRC DWG No.: O17203 - V - SP - 03 - CH - 0002 **Scale:** As indicated **Sheet Size:** A1

017203 - V - SP - 03 - CH - 0002 HVAC PLANT ROOM PIPING LAYOUT PHASE 01

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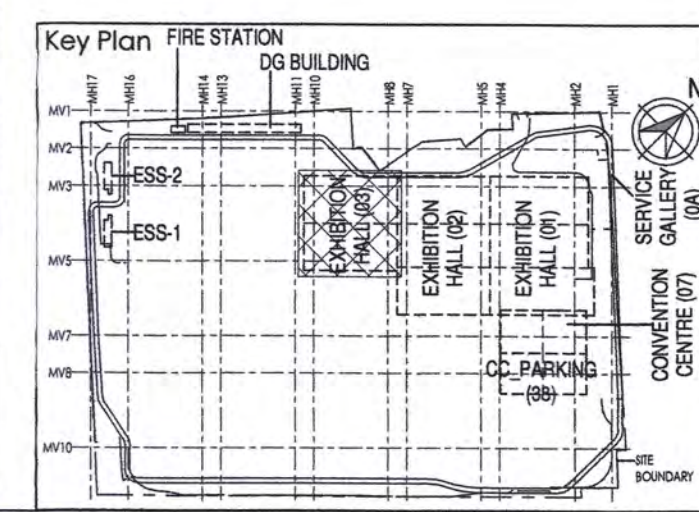
EH3 - EQUIPMENT GENERAL ARRANGEMENT DRAWING
1 : 175

PHASE 01 EQUIPMENT SCHEDULE:
(UNDERCURRENT SCOPE INDICATED IN BOLD COLOUR)

S.NO	DESCRIPTION	EQUIPMENT TAG	CAPACITY	QTY (NOS)	
				W	S
01	WATER COOLED CENTRIFUGAL CHILLERS	EHS-B1-WCH-01 TO 06	2000 TR	5	1
02	HEAT PUMP	EHS-B1-HP-01 TO 02	2000KW	2	-
03	CHILLED WATER PRIMARY PUMPS	EHS-B1-CHWPP-01 TO 06	3000GPM	5	1
04	CHILLED WATER VARIABLE FLOW SECONDARY PUMPS	EHS-B1-CHWSP-01 TO 07	3076GPM	6	1
05	CONDENSER WATER PUMPS	EHS-B1-CWDP-01 TO 06	6000GPM	5	1
06	HOT WATER CONDENSER PRIMARY PUMPS	EHS-B1-HWPP-01 TO 03	758 GPM	2	1
07	HOT WATER CONDENSER SECONDARY PUMPS	EHS-B1-HWSP-01 TO 03	758 GPM	2	1
08	HEAT PUMP COOLER PRIMARY PUMPS	EHS-B1-HPCPP-01 TO 03	1152 GPM	2	1
09	AIR DIRT SEPARATOR	EHS-B1-ADS-01 TO 03	SUITABLE FOR CHILLER PLANT	3	-
10	AIR DIRT SEPARATOR	EHS-B1-ADS-04	SUITABLE FOR WATER PLANT	1	-
11	EXPANSION TANKS FOR CHILLED WATER LINE	EHS-B1-EXT-01 TO 03	5000 LITER	3	-
12	EXPANSION TANKS FOR HOT WATER LINE	EHS-B1-EXT-04	5000 LITER	1	-

EQUIPMENT OPERATING WEIGHT DETAILS:

S.NO	ITEM DESCRIPTION	U.O.M	EQUIPMENT TAG	WEIGHT
01	CHILLERS	Kgs	WCH	43200
02	PRIMARY PUMP	Kgs	CHWPP	7500
03	SECONDARY PUMP	Kgs	CHWSP	12000
04	CONDENSER PUMP	Kgs	CWP	13500
05	HEAT PUMP	Kgs	HP	14330
06	HOT WATER CONDENSER PRIMARY PUMP	Kgs	HWPP	5520
07	HOT WATER CONDENSER SECONDARY PUMP	Kgs	HWSP	4050
08	HEAT PUMP COOLER PRIMARY PUMP	Kgs	HPCPP	3600



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

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Architectural Consultant

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Reviewed GFC issued by Contractor and PEAC
Issued by: *[Signature]* 30/08/10
Employer / Employer's Engineer

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 **FOR CONSTRUCTION**
GOOD FOR CONSTRUCTION (GFC)

Drawing No
V 03 0003 R0

Rev. No

Title :
EXHIBITION HALL 03
AC PLANT EQUIPMENT GENERAL ARRANGEMENT LAYOUT AT BASEMENT 01

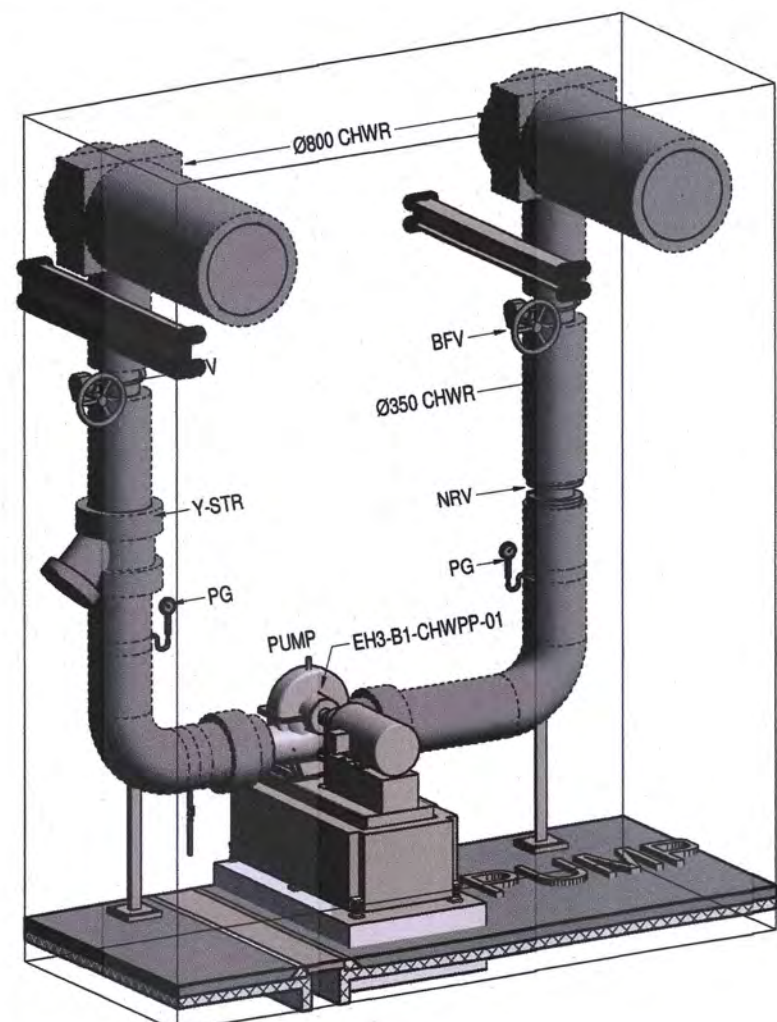
EDRC DWG No :
O17203 - V - SP - 03 - CH - 0003

Scale
As Indicated

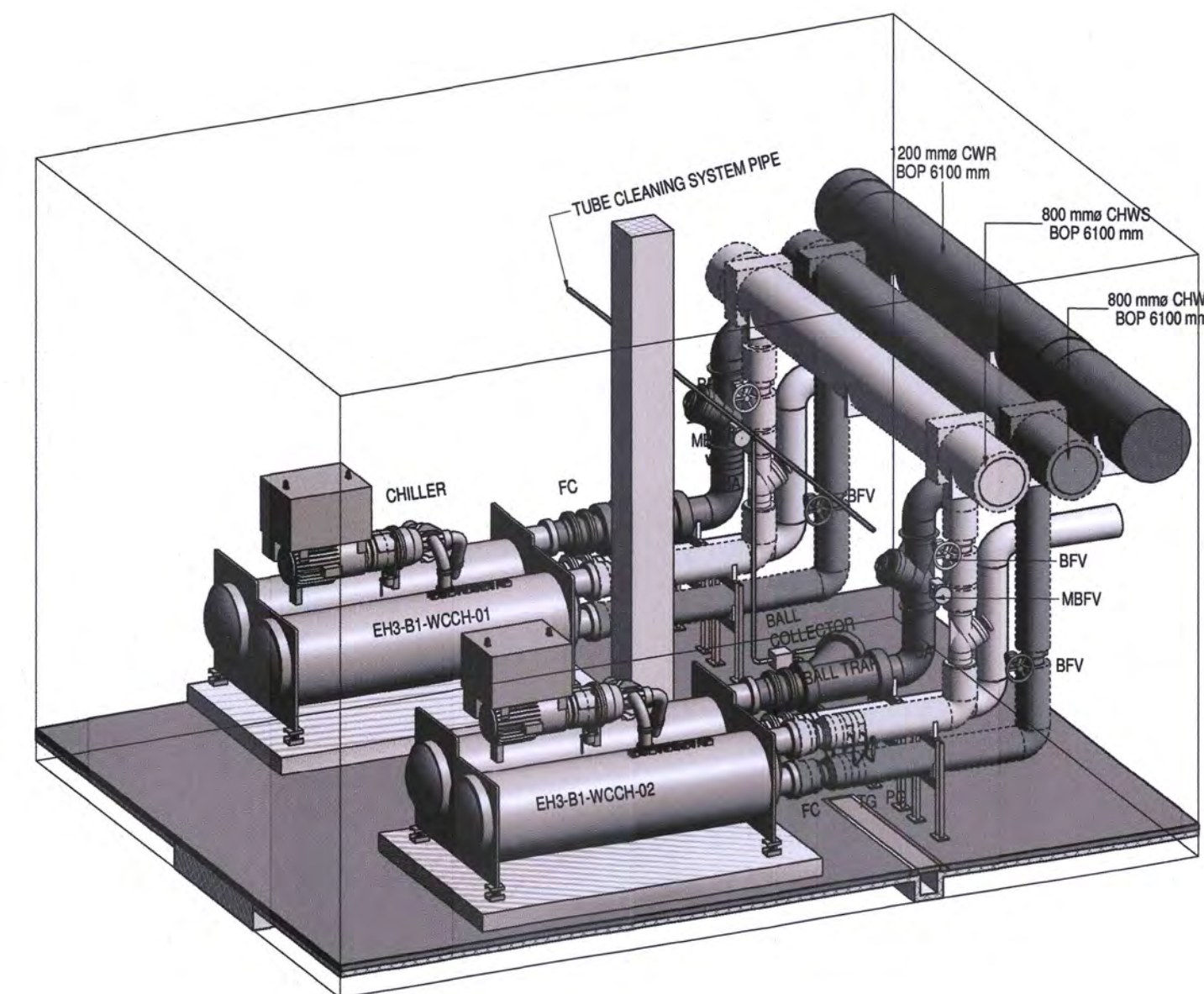
Sheet Size
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O17203 - V - SP - 03 - CH - 0003 AC PLANT EQUIPMENT GENERAL ARRANGEMENT LAYOUT AT BASEMENT 01

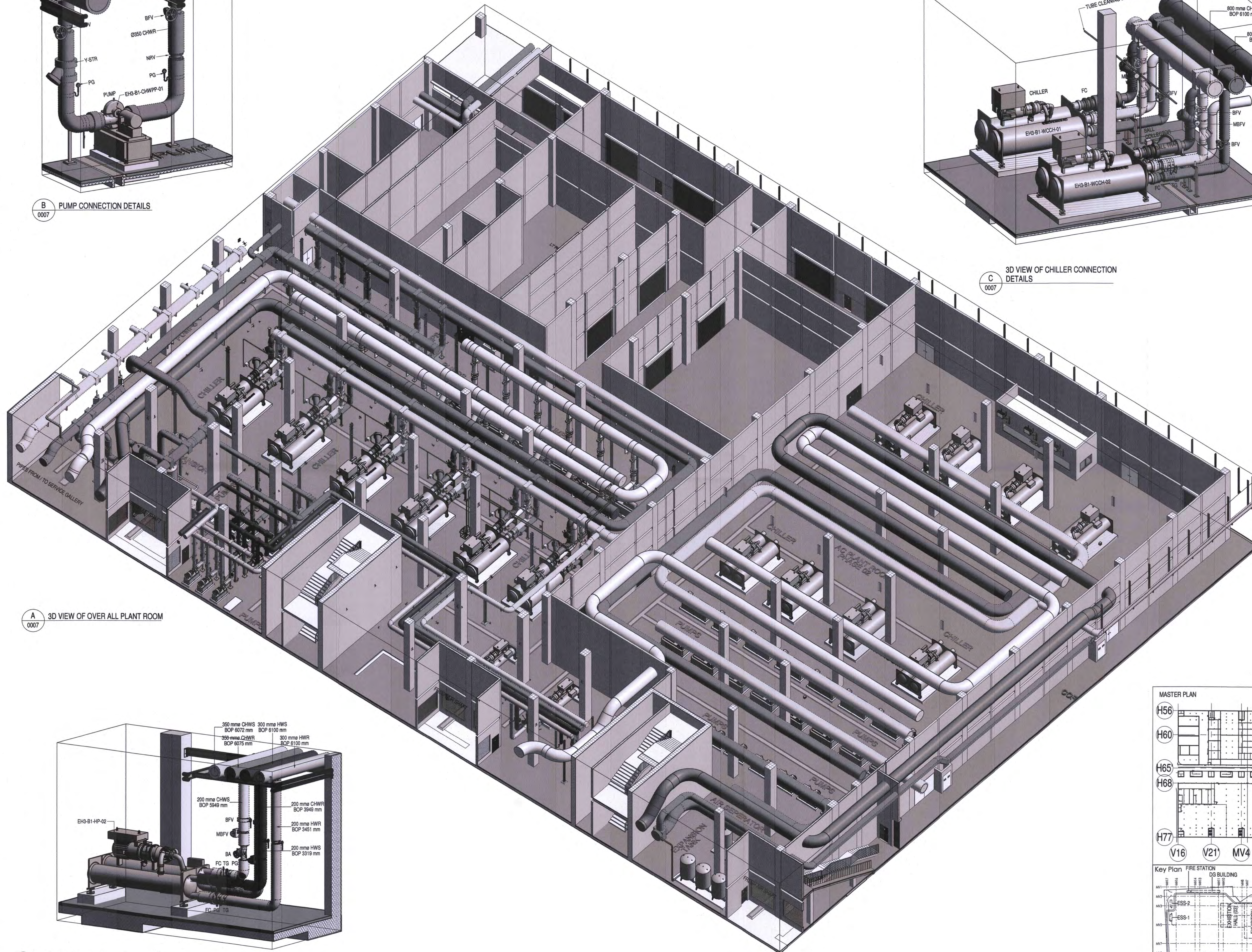
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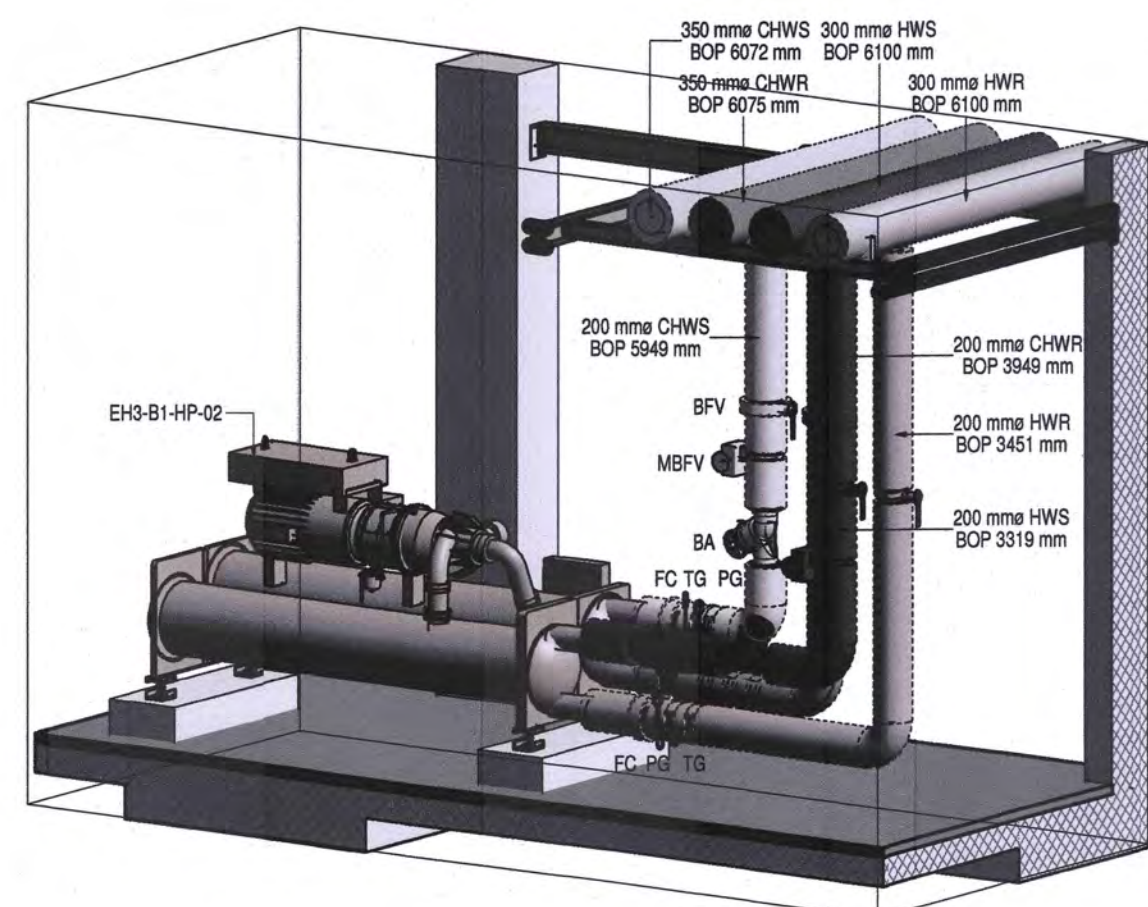
B PUMP CONNECTION DETAILS
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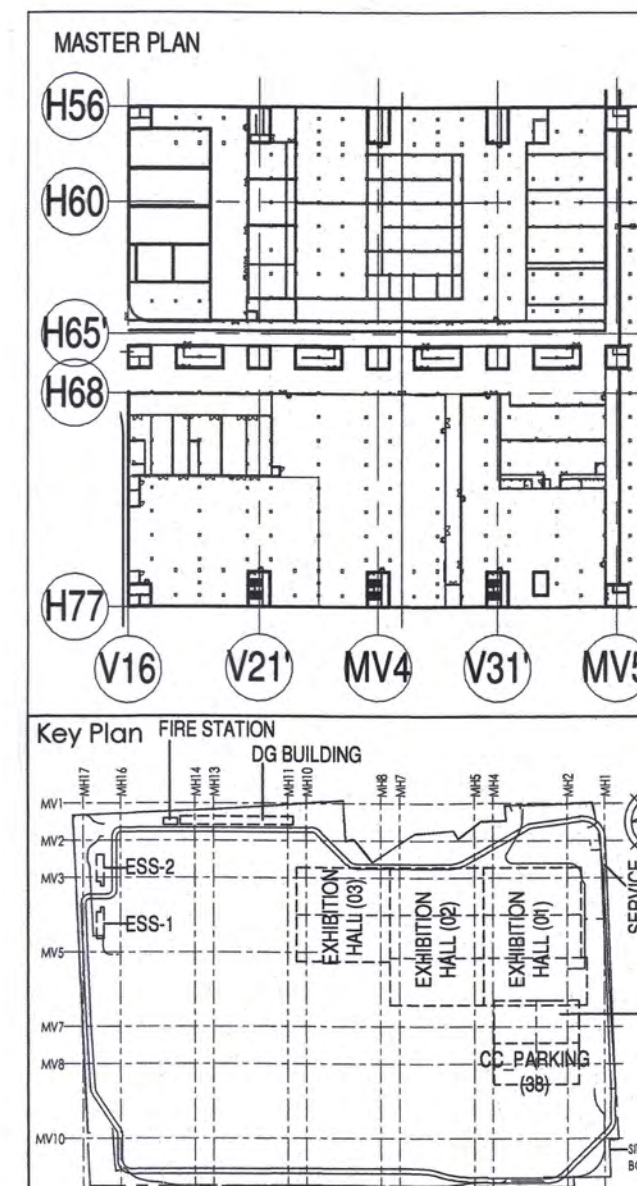
C 3D VIEW OF CHILLER CONNECTION DETAILS
0007



A 3D VIEW OF OVER ALL PLANT ROOM
0007



D HEAT PUMP DETAILS
0007



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Proof Consultant

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PEAC

Reviewed GFC drawing prepared by Contractor and ensured that all preliminary aspects and parameters have been adhered to.

Issued by:

Employer / Employer's Engineer

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
1	ISSUED AS GOOD FOR CONSTRUCTION	18.07.19	AJA	STA	APR	MG

Revisions

ARCHITECTURE	DESIGN	DATE	SIGN	CHECKED BY	SIGN	DATE
1	1	18.07.19	AJA	STA	APR	MG

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
V 03 0007

Rev. No
R0

Title :
EXHIBITION HALL 03
OVER ALL PLANT ROOM 3D VIEW

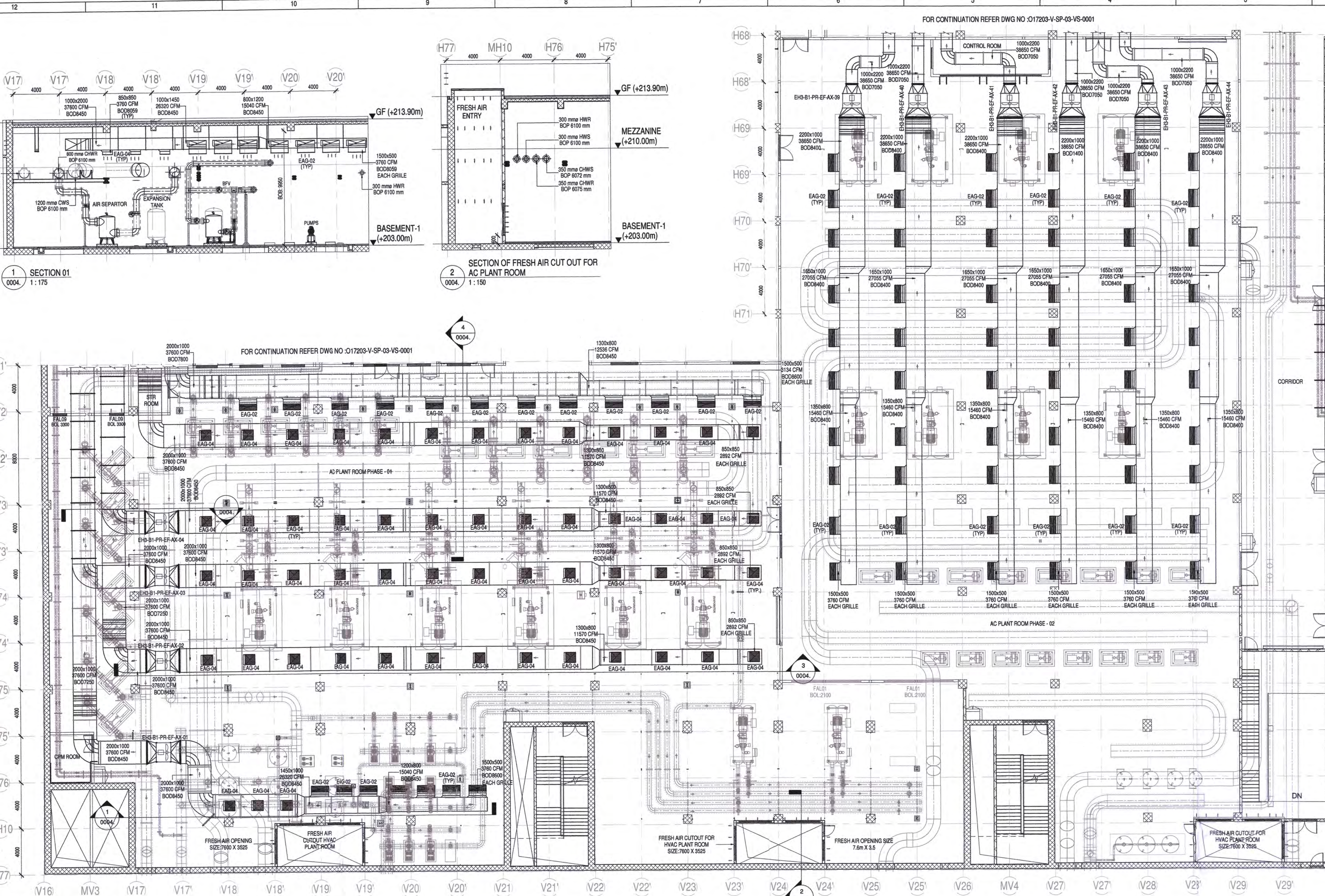
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O17203 - V - SP - 03 - CH - 0007

Scale
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Sheet Size
A1

O17203 - V - SP - 03 - CH - 0007 (OVER ALL PLANT ROOM 3D VIEW)

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Reviewed GFC drawing and parameters

PEAC

Issued by:

Employer / Employer's Engineer

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: V 03 0004

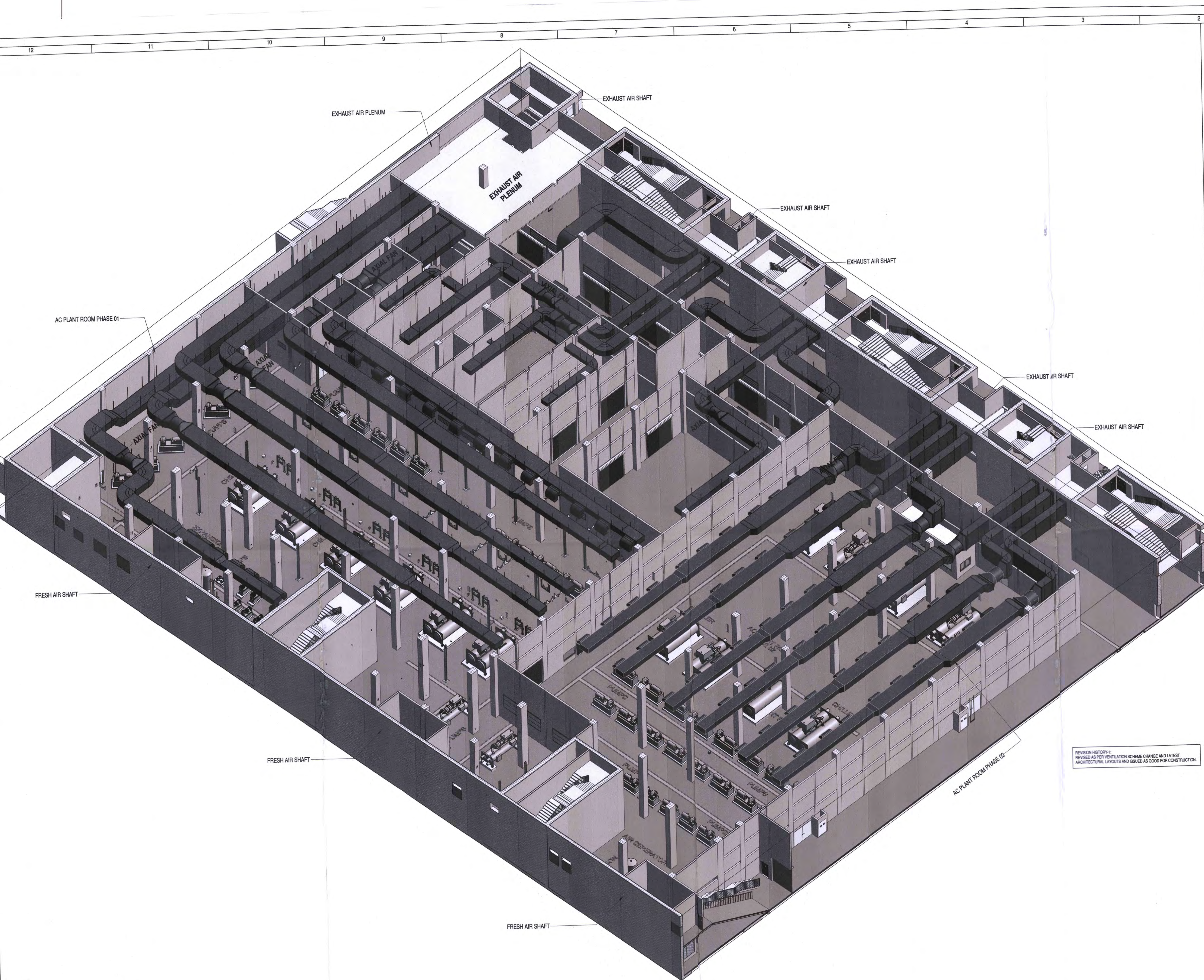
Rev. No: R0

Title: EXHIBITION HALL 03 HVAC PLANT ROOM DUCTING LAYOUT PART 01

EDRC DWG No: 017203 - V - SP - 03 - VS - 0004

Scale: As indicated

Sheet Size: A1



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

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Certification

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Architectural Consultant

Proof Consultant

Structural

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ICT

Reviewed GFC drawings prepared by Contractor and
confirmed that all preliminary design parameters
have been adhered to:

Issued by: *[Signature]* **Date:** 30/08/19
Employer / Employer's Engineer

REVISION HISTORY-1:
REVISED AS PER VENTILATION SCHEME CHANGE AND LATEST
ARCHITECTURAL LAYOUTS AND ISSUED AS GOOD FOR CONSTRUCTION.

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
01	REVISED AS PER REVISION HISTORY-1 AND ISSUED AS GOOD FOR CONSTRUCTION	18.07.19	AJA	STA	APR	MG

Revisions

REV	DESCRIPTION	DATE	DSGN	DRWN	CHKD	APPD
01	REVISED AS PER REVISION HISTORY-1 AND ISSUED AS GOOD FOR CONSTRUCTION	18.07.19	AJA	STA	APR	MG

Checked by: *[Signature]* **Date:** 30/08/19
Employer / Employer's Engineer

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
V 03

Rev. No
R0

Title :
EXHIBITION HALL 03
HVAC PLANT ROOM 3D VIEW

EDRC DWG No :
O17203 - V - SP - 03 - VS - 0010

Scale
A1

Sheet Size
A1