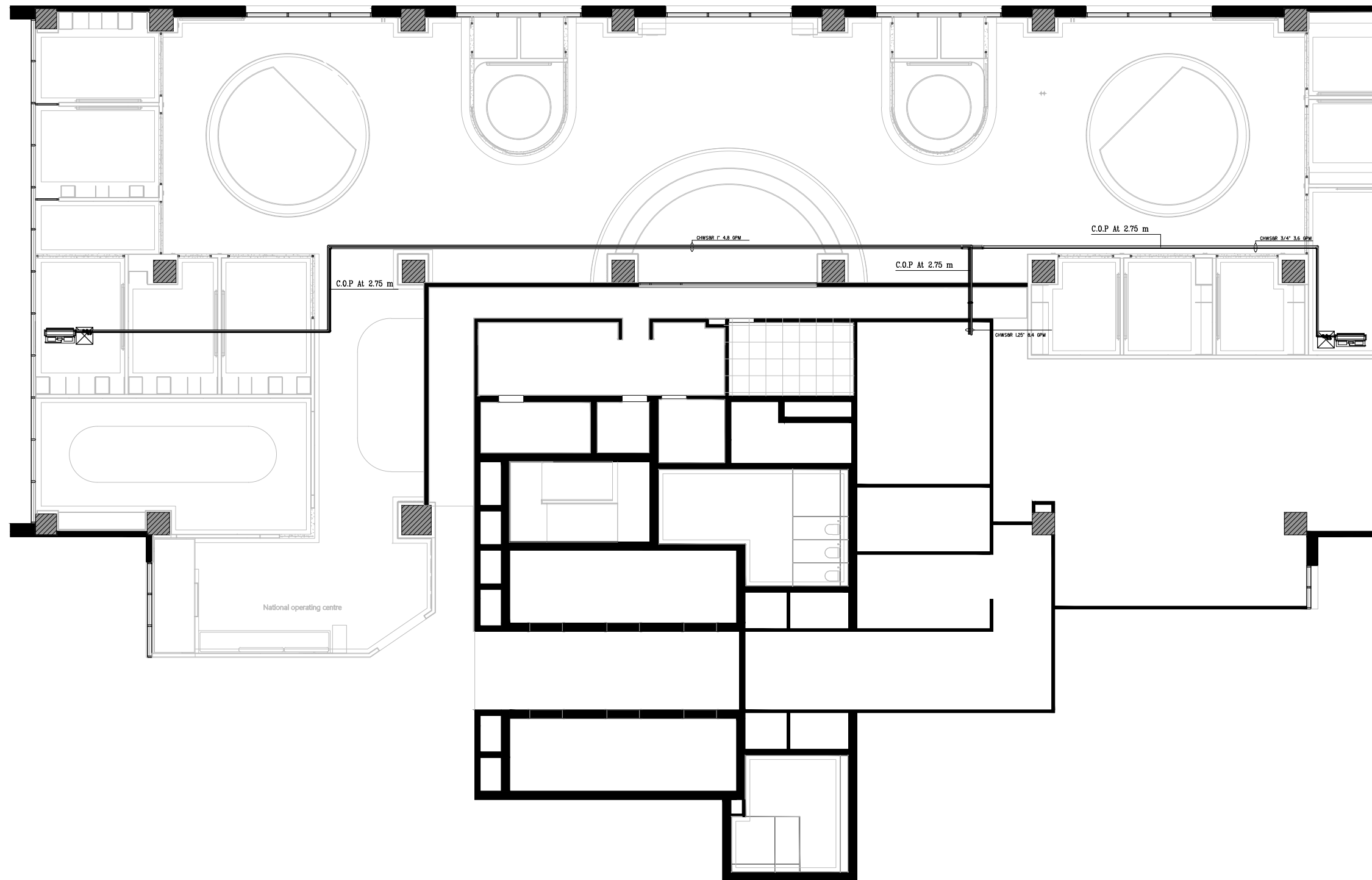


NOTES



Chilled Pipes

DRAWN BY Mech. Team		REVISION Eng/ Ahmed Turk		APPROVED ENG/ Ahmed Adel	
Mechanical Drawing					
Details		Sections		Elevations	
				Plans	
Revision/Issue	DATE	No.	DRAWING NUMBER:	M - 01	
			DRAWING Name:	Schedule Plan	
			DATE :	25/09/2024	
			SCALE :	1:50 @ A1	
NOC - Maadi					

Interior Designer

MEP Designer
SWAT

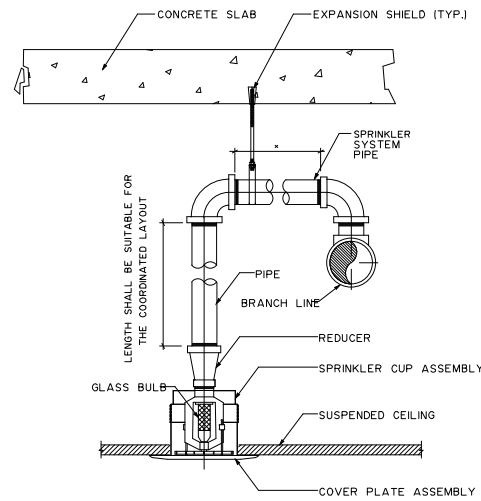
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TEL. 0225633748

MEP Contractor

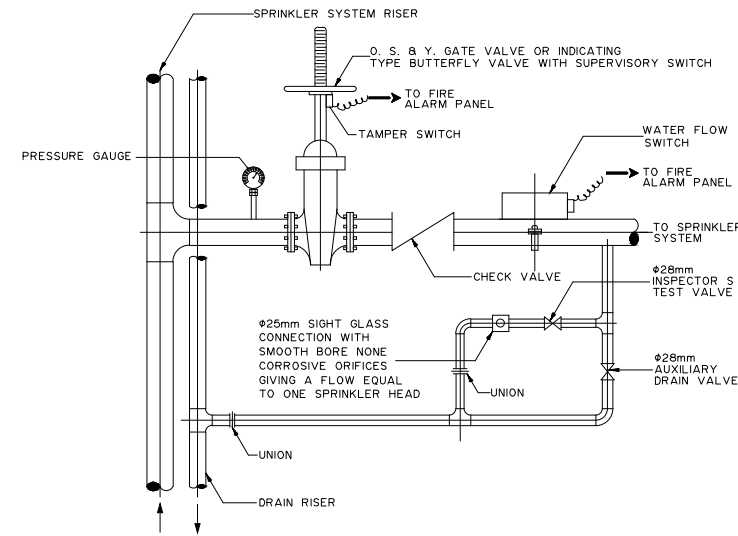
Drawing:-

Chilled Pipes

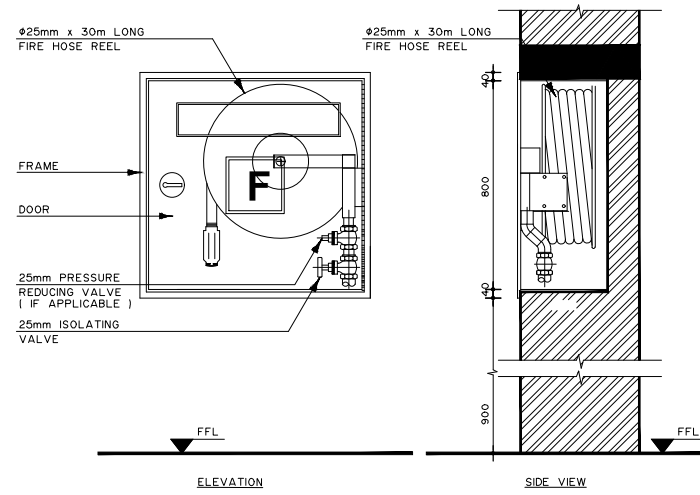
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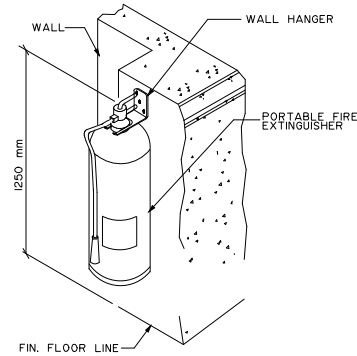
01 CONCEALED PENDENT SPRINKLER INSTALLATION WITH K-FACTOR=5.6



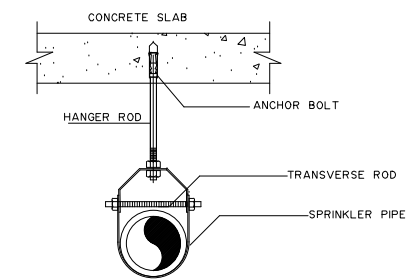
02 ZONE CONTROL STATION



03 FIRE CABINET OF TYPE-FHC-2



04 PORTABLE FIRE EXTINGUISHER MOUNTING DETAIL



05 PIPE CLEVIS HANGER

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Mechanical Drawing					
Details		Sections		Elevations	
				Plans	
Revision/Issue	DATE	No.	DRAWING NUMBER:		M - 01
			DRAWING Name:		Schedule Plan
			DATE:		17/09/2025
			SCALE:		1:50 @ A1
NOC - Maadi					

Interior Designer

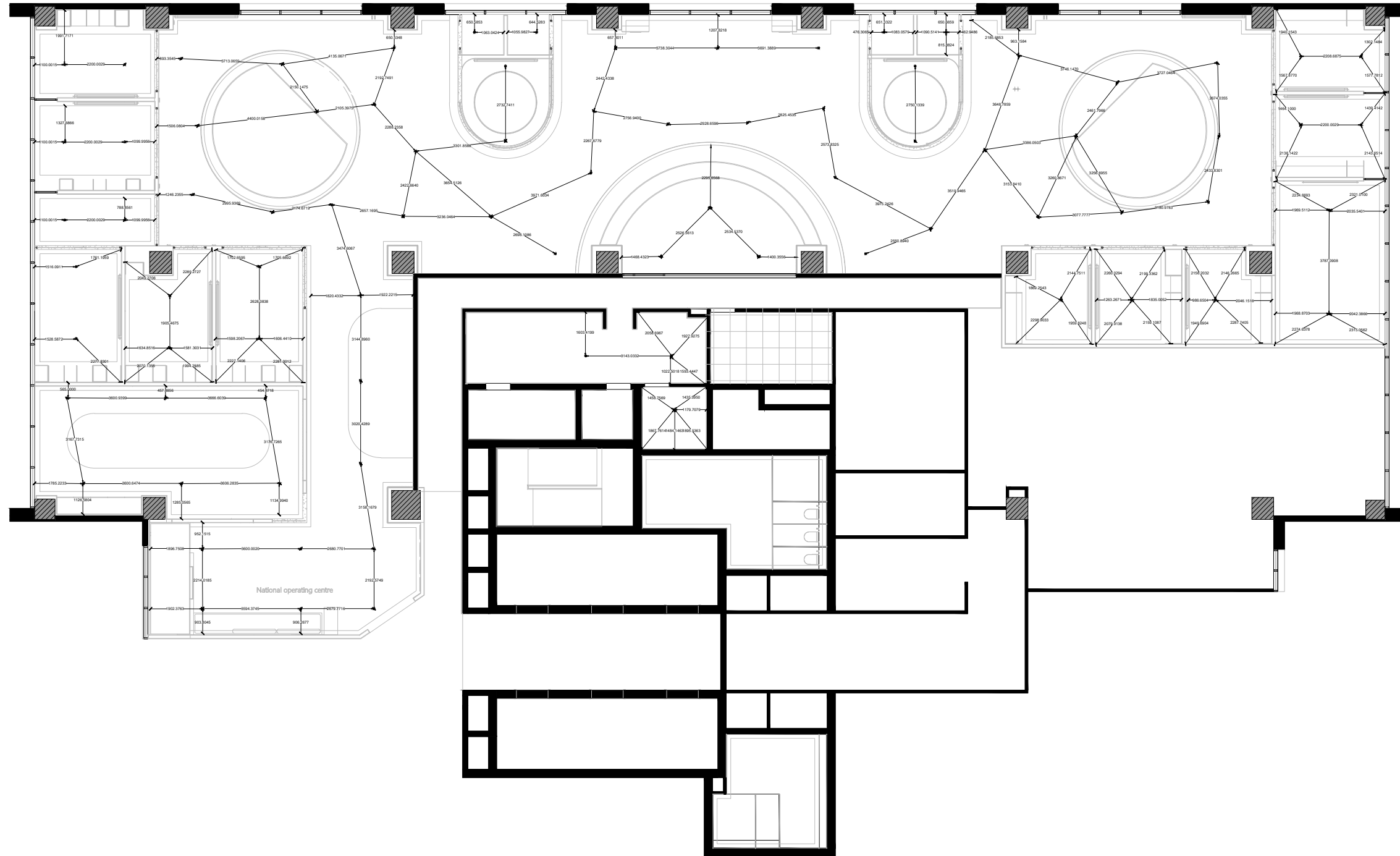
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MEP Contractor

Drawing:-
AC Drain

NOTES



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Mechanical Drawing					
Details		Sections		Elevations	
				Plans	
Revision/Issue	DATE	No.	DRAWING NUMBER:	M - 01	
			DRAWING Name:	Schedule Plan	
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NOC - Maadi					

Interior Designer

MEP Designer
SWAT

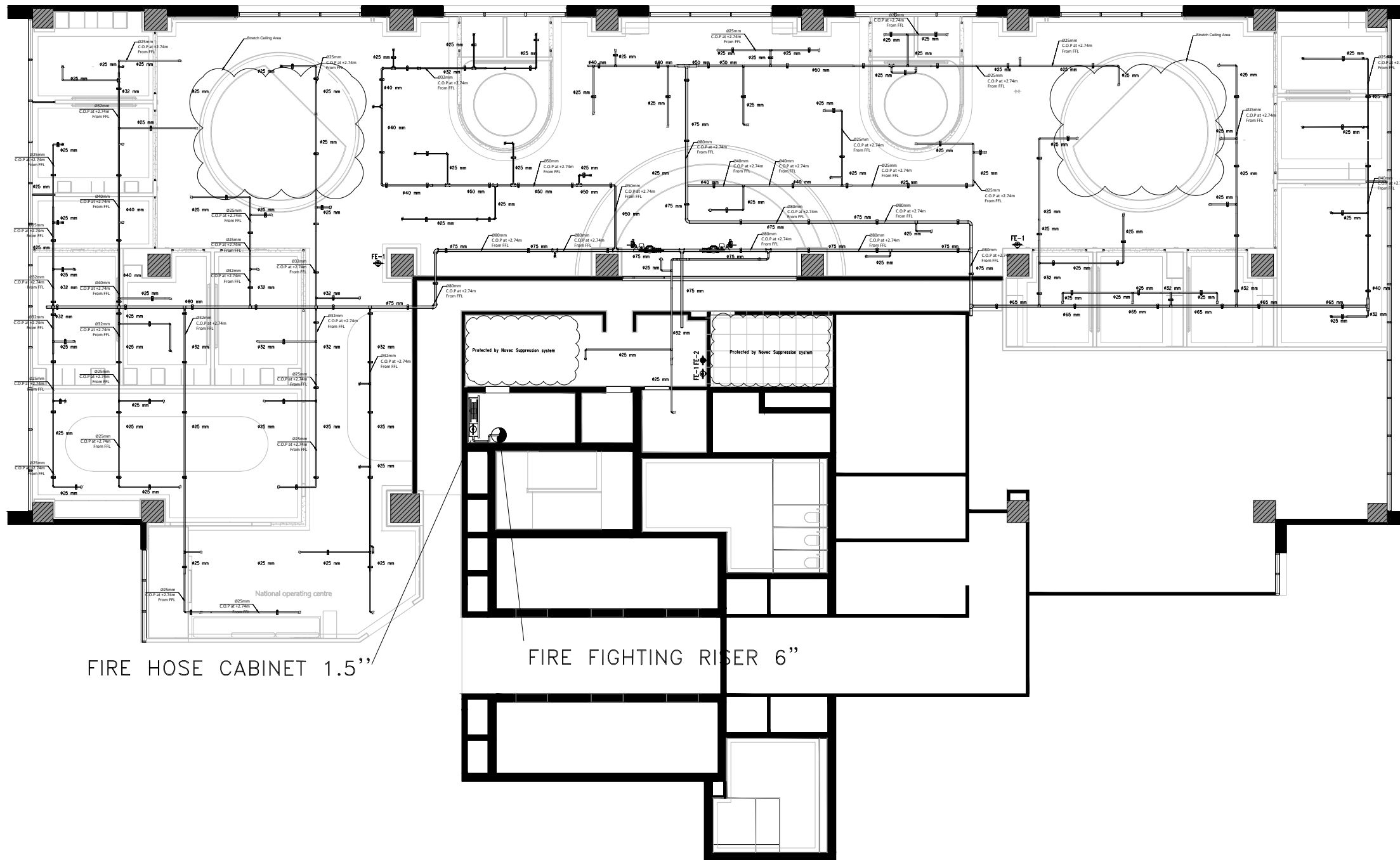
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MEP Contractor

Drawing:-
FF Dim.

NOTES

- FE-1 DRY CHEMICAL FIRE EXTINGUISHER
- FE-2 CO2 FIRE EXTINGUISHER



Fire Fighting

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Mechanical Drawing		
Details	Sections	Elevations
Revision/Issue	DATE	No.
DRAWING NUMBER:		M - 01
DRAWING Name:		Schedule Plan
DATE:		17/09/2025
SCALE:		1:50 @ A1
NOC - Maadi		

Interior Designer

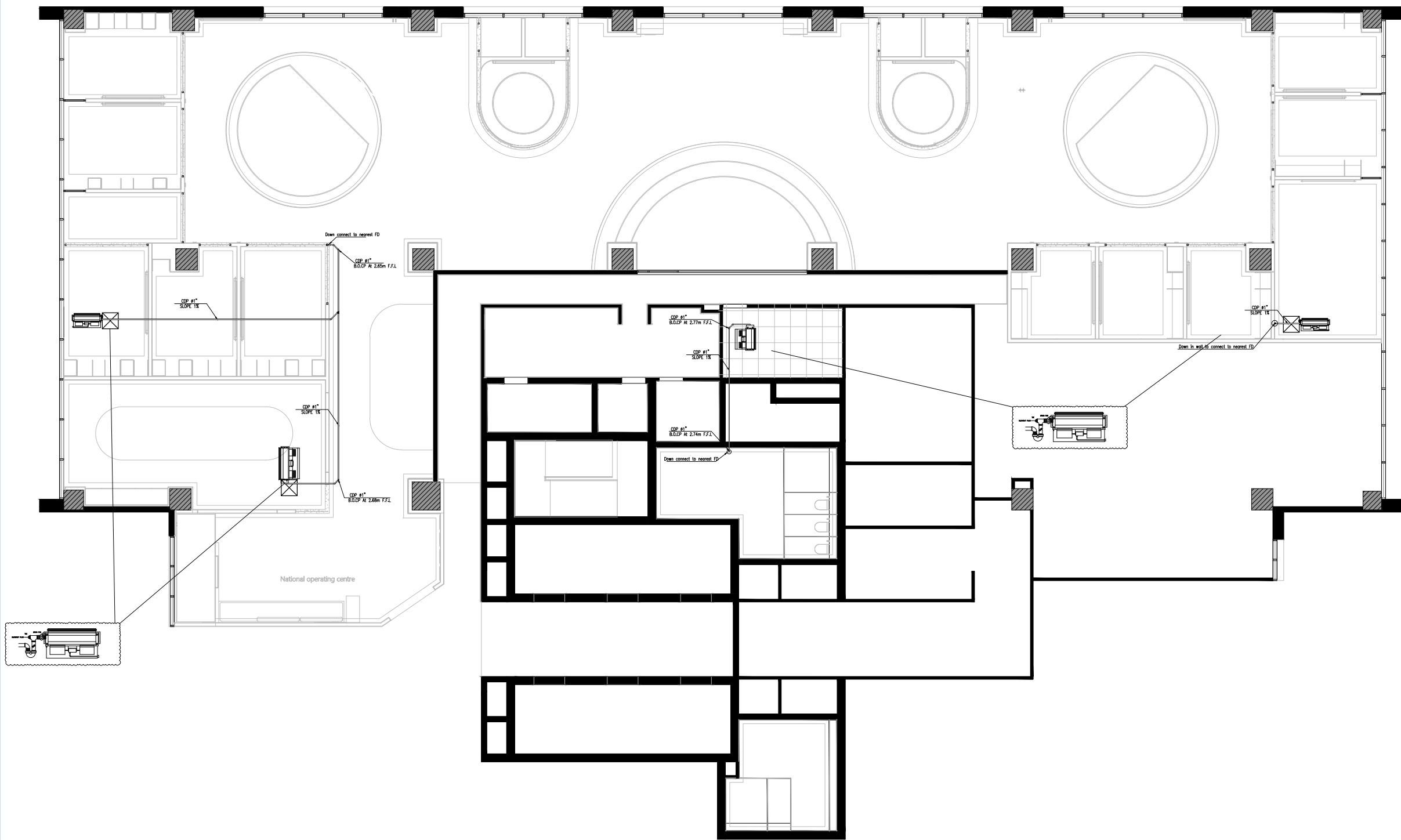
MEP Designer
SWAT

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Drawing:-
Firefighting

NOTES



AC Drain

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Mechanical Drawing			
Details	Sections	Elevations	Plans
Revision/Issue	DATE	No.	DRAWING NUMBER: M - 01
			DRAWING Name: Schedule Plan
			DATE: 25/09/2024
			SCALE: 1:50 @ A1
NOC - Maadi			

Interior Designer

MEP Designer
SWAT

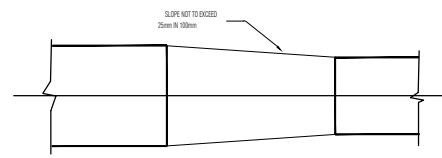
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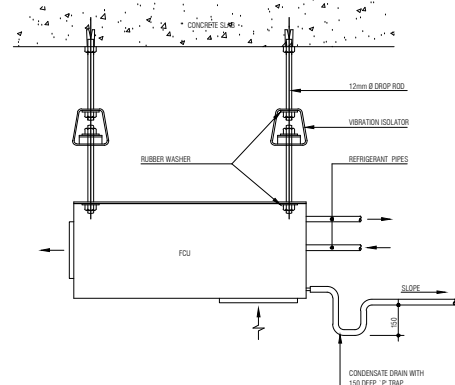
Drawing:-

AC Drain

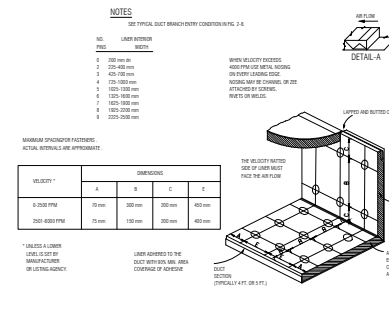
NOTES



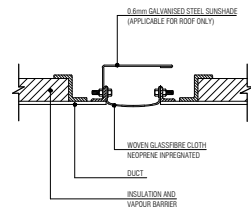
1 TYPICAL RECTANGULAR TRANSITION
N.T.S.



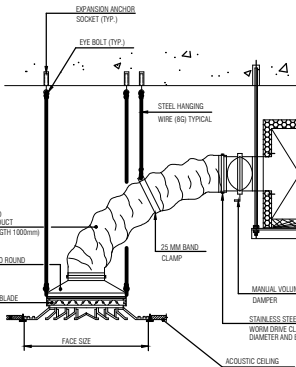
2 FAN COIL UNIT (INSTALLATION DETAIL)
N.T.S.



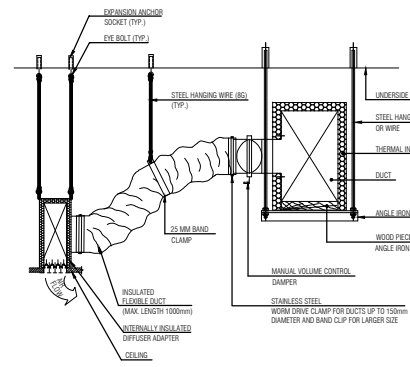
3 DUCT LINER INSTALLATION
N.T.S.



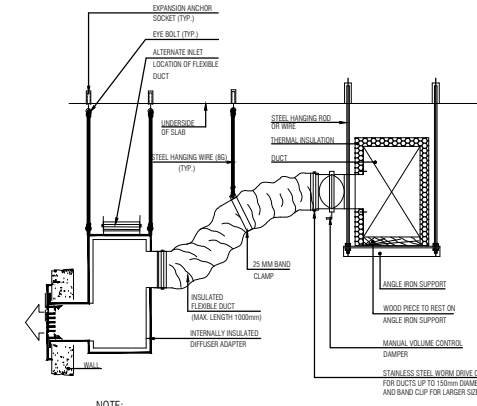
4 FLEXIBLE CONNECTION DETAIL
N.T.S.



5-a SQUARE SUPPLY CEILING DIFFUSER



5-B LINEAR SUPPLY CEILING DIFFUSER

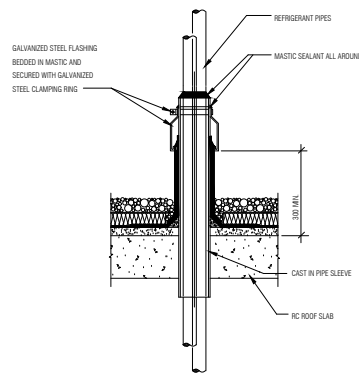


5-C LINEAR SUPPLY WALL DIFFUSER

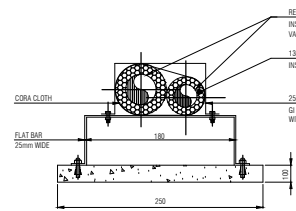
NOTES:
1. UNLESS OTHERWISE SPECIFIED THE SIZE OF DIFFUSER ADAPTER SHALL BE AS PER MANUFACTURERS RECOMMENDATIONS.
2. FOR NUMBER OF DIFFUSER SLOT SEE AIR DISTRIBUTION DEVICES SCHEDULES.

NOTE:
1. UNLESS OTHERWISE SPECIFIED THE SIZE OF DIFFUSER ADAPTER SHALL BE AS PER MANUFACTURERS RECOMMENDATIONS.

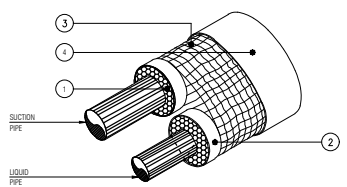
5 DIFFUSER INSTALLATION DETAILS
N.T.S.



6-a REFRIGERANT PIPES THRU ROOF

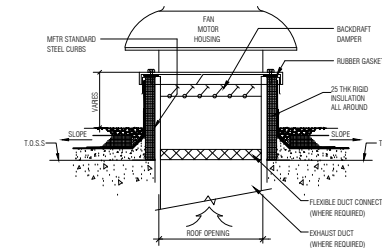


6-b INSTALLATION OF REFRIGERANT EXPOSED PIPES



6-c INSULATION OF REFRIGERANT EXPOSED PIPES

A. EXPOSED TO VIEW
1. CLOSED CELL TUBE INSULATION 13mm THICKNESS
2. ADHESIVE FOSTER 30-36 OR EQUIVALENT
3. 4/2 CORA CLOTH BONDED ON TO INSULATION WITH 2 LAYERS OF ATLAS FOSTER 30-36 OR EQUIVALENT
4. 2 COATS OF VINYL BASED VAPOUR BARRIER FOSTER 30-35 OR EQUIVALENT



7 EXHAUST FAN INSTALLATION DETAILS
N.T.S.

NOTES:
1. FOR FAN DETAILS AND OTHER ACCESSORIES REQUIRED SEE EQUIPMENT SCHEDULES AND SPECIFICATIONS.
2. FOR REQUIRED ROOF OPENING REFER TO EQUIPMENT MANUFACTURERS CATALOG.
3. FOR ROOF CONSTRUCTION AND FLASHING & COUNTERFLASHING DETAIL, SEE ARCHITECTURAL DRAWING.
4. PROVIDE SAFETY DISCONNECT SWITCH INSTALLED ON MOTOR MOUNTING PLATE UNDER MOTOR DOOR.
5. FOR MOTOR EXHAUST FAN THE BACKDRAFT DAMPER AND FLEXIBLE DUCT CONNECTOR SHALL BE DISREGARDED.

ROOF MOUNTED EXHAUST FAN (TYPE-1)

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Mechanical Drawing

Details	Sections	Elevations	Plans
Revision/Issue	DATE	No.	DRAWING NUMBER: M - 01
			DRAWING Name: Schedule Plan
			DATE: 17/09/2025
			SCALE: 1:50 @ A3

NOC - Maadi

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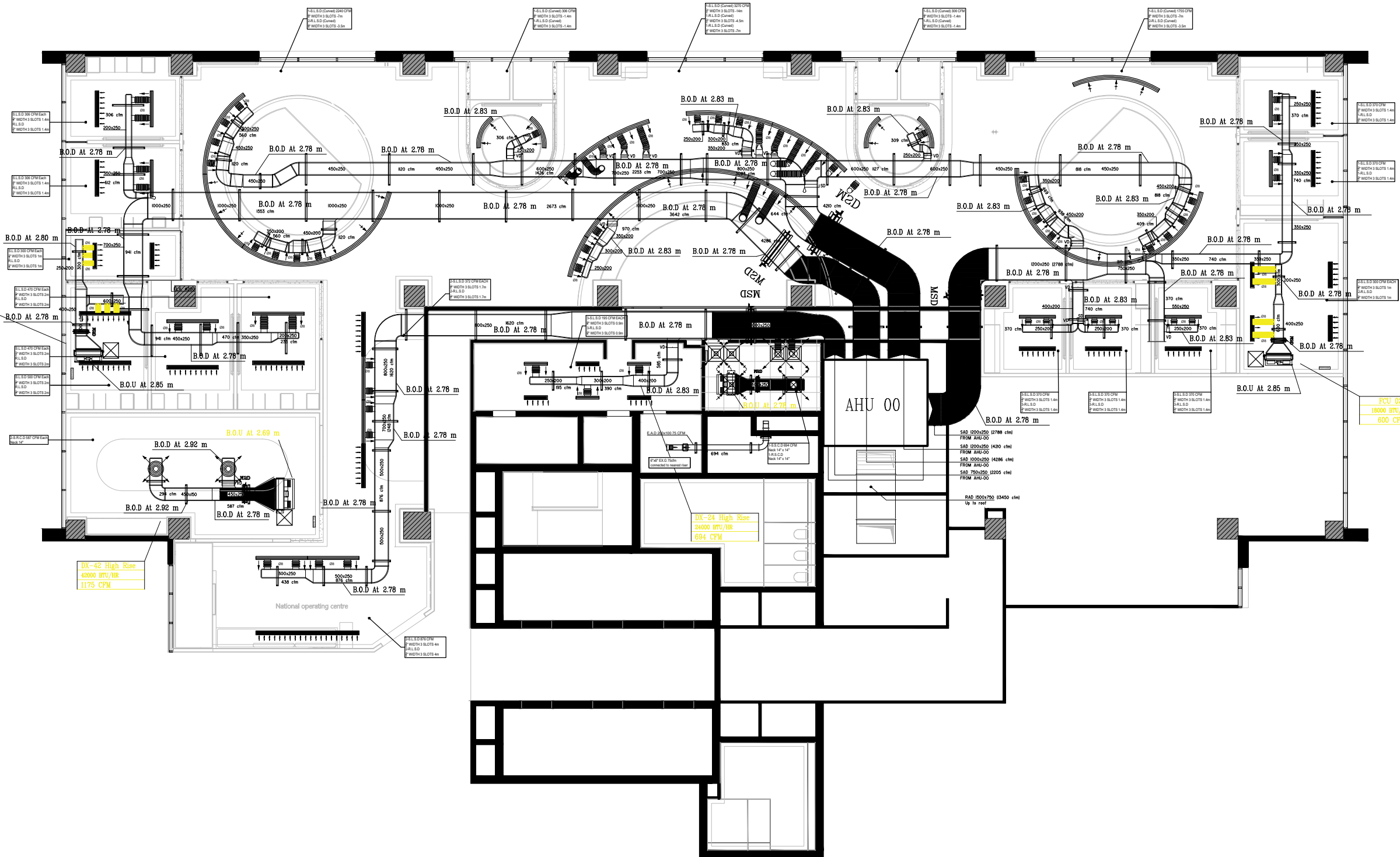
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MEP Contractor

Drawing:-
Details

NOTES



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Mechanical Drawing					
Details		Sections		Elevations	
Plans					
Revision/Issue	DATE	No.	DRAWING NUMBER:	M - 01	
			DRAWING Name:	HVAC Plan	
			DATE:	17/09/2025	
			SCALE:	1:50 @ A3	
NOC - Maadi					

Interior Designer

MEP Designer
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MEP Contractor

Drawing:-
HVAC