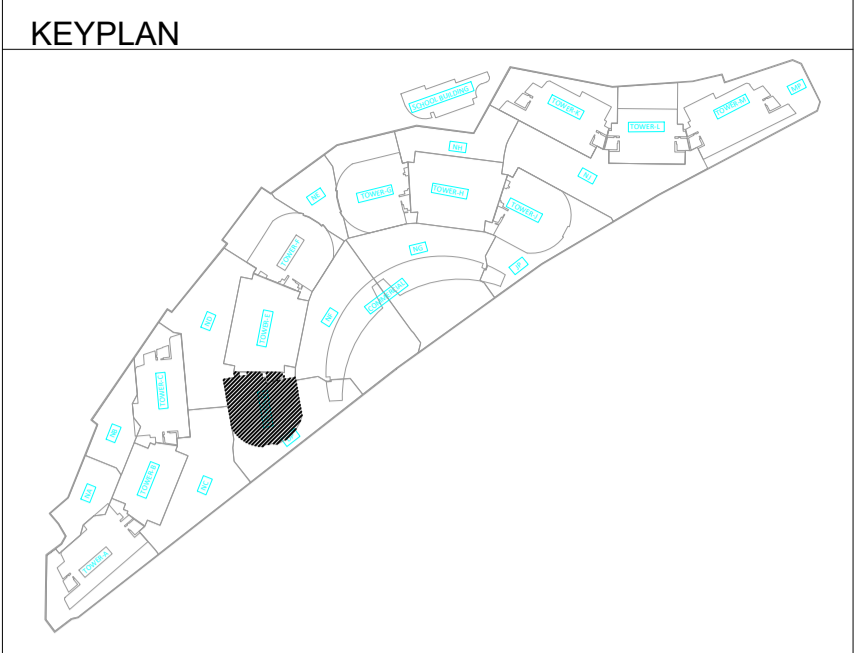
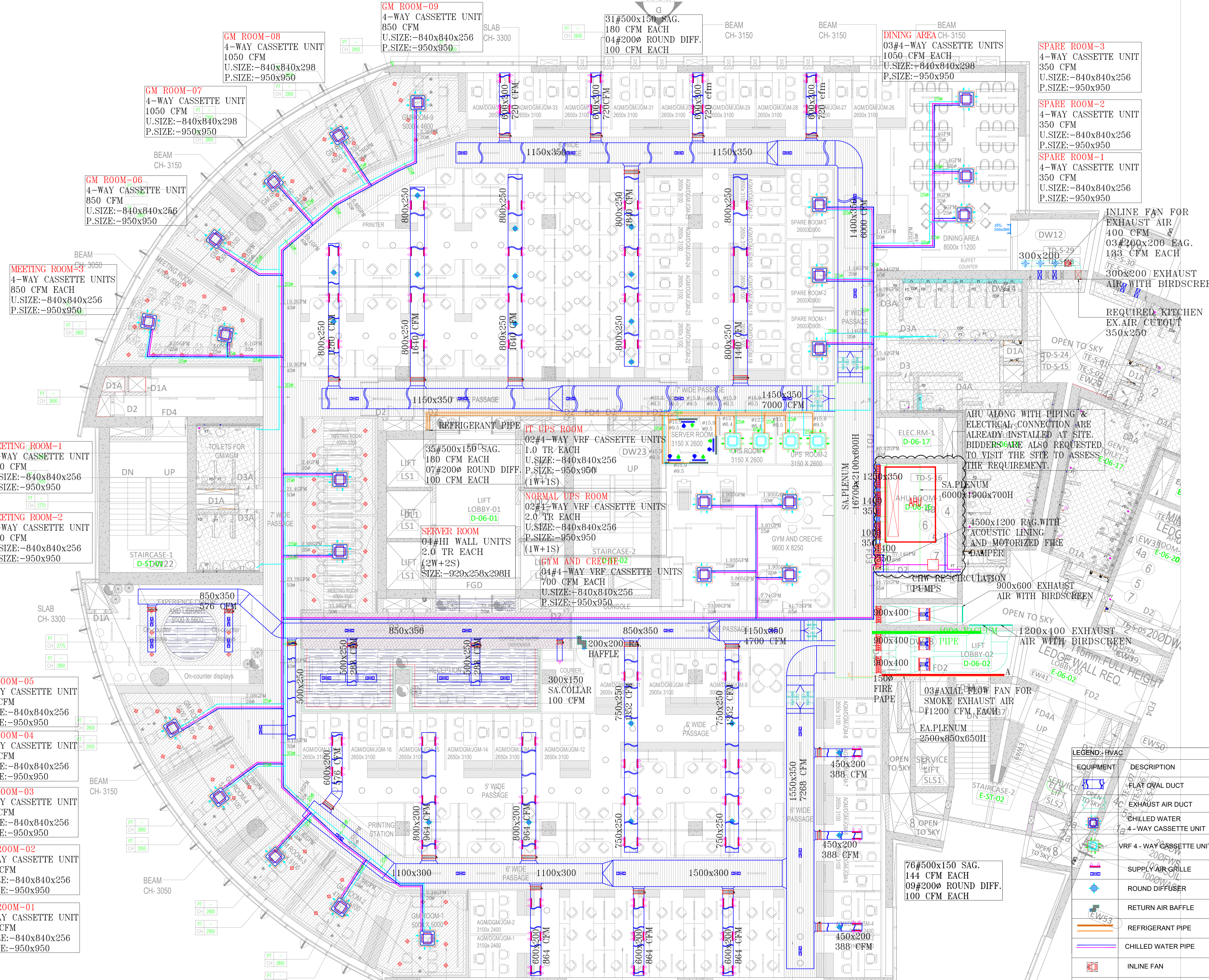


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ANNEXURE-2

29-AUG-2023



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DRAWING TITLE
**HVAC LAYOUT
 FIFTH FLOOR**

PROJECT TITLE

FOR ADVANCE COPY
 FOR DESIGN DEVELOPMENT STAGE
 FOR GFC STAGE

DATE: 28.08.23
 DRAWN BY: BLK
 SCALE: 1:100
 CHECKED BY: AMG

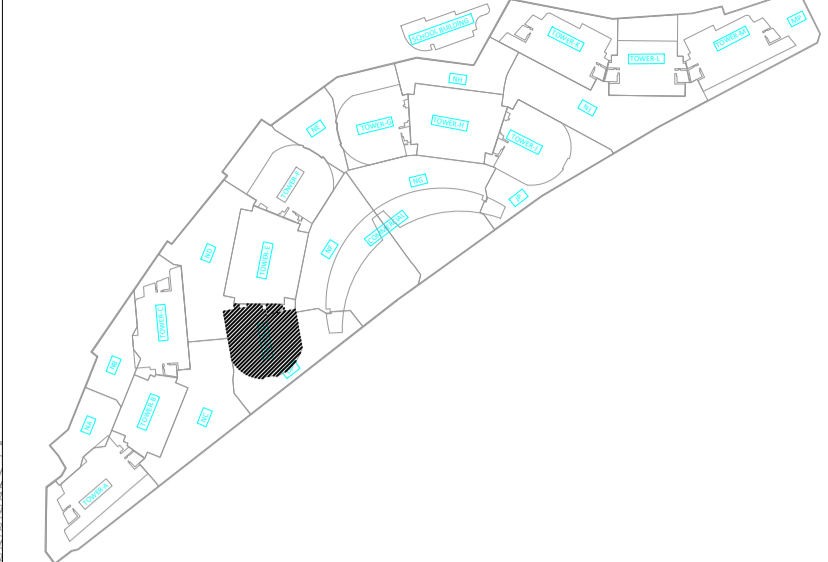
ORIENTATION:

PROJECT NO: 012-0017
 DRAWING NO: 012-NHS-230017-D-ME-A1-1005-01

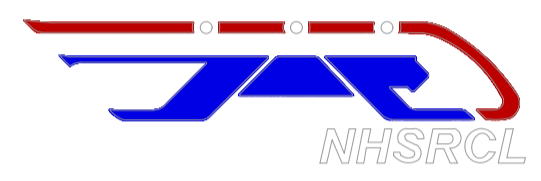
DRAWING SIZE: A1
 REVISION NO: R1

LEGEND: HVAC

EQUIPMENT	DESCRIPTION
	FLAT OVAL DUCT
	EXHAUST AIR DUCT
	CHILLED WATER
	4-WAY CASSETTE UNIT
	VRF 4-WAY CASSETTE UNIT
	SUPPLY AIR GRILLE
	ROUND DIFFUSER
	RETURN AIR BAFFLE
	REFRIGERANT PIPE
	CHILLED WATER PIPE
	INLINE FAN
	EXHAUST AIR GRILLE



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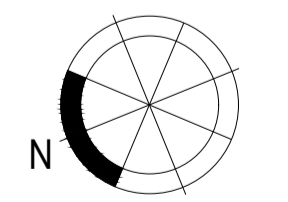


HVAC LAYOUT
SIXTH FLOOR

- FOR ADVANCE COPY
- FOR DESIGN DEVELOPMENT STAGE
- FOR GFC STAGE

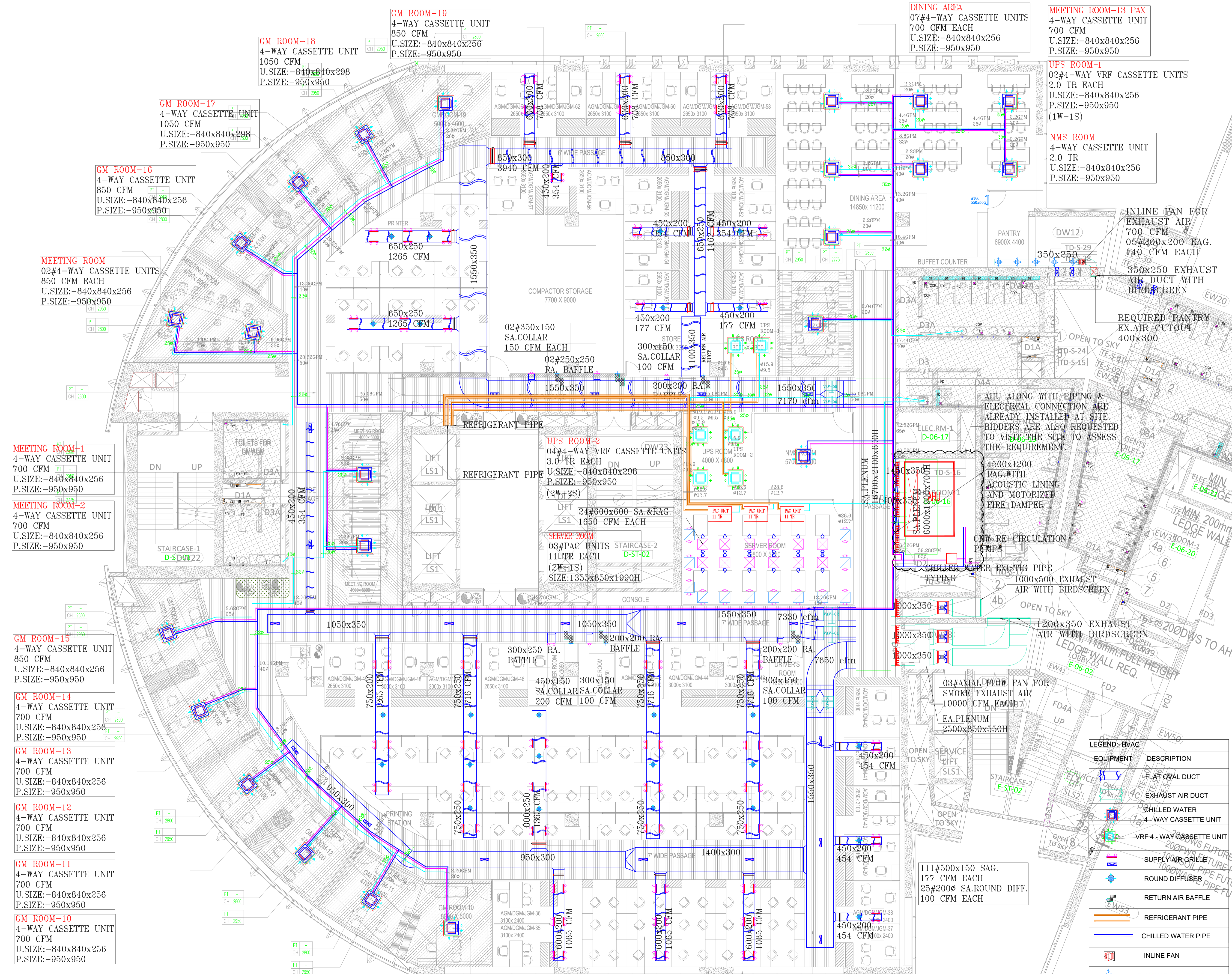
28.08.23 BLK

1:100 AMG



012-0017 012-NHS-230017-D-ME-A1-1006-02

A1 R1



AHU ALONG WITH PIPING & ELECTRICAL CONNECTION ARE ALREADY INSTALLED AT SITE. BIDDERS ARE ALSO REQUESTED TO VISIT THE SITE TO ASSESS THE REQUIREMENT.

4500x1200 AHU WITH ACOUSTIC LINING AND MOTORIZED FIRE DAMPER

CHILLED WATER PUMP

1000x500 EXHAUST AIR WITH BIRDSCREEN

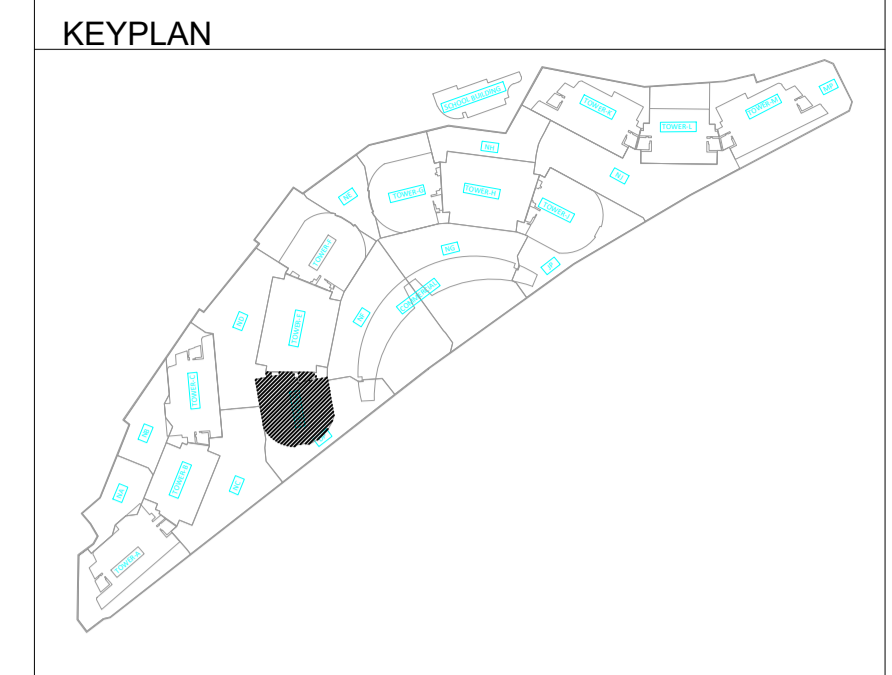
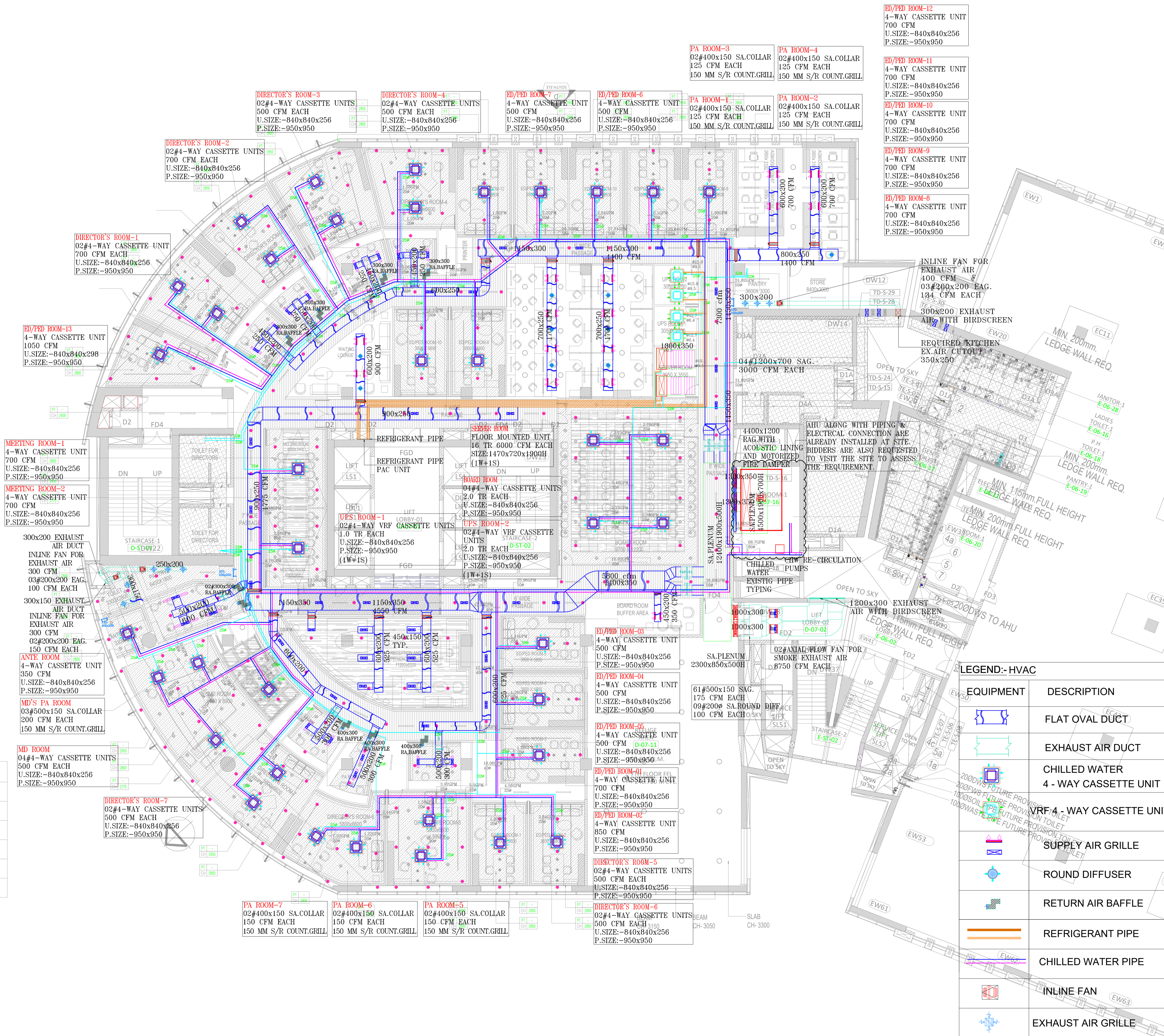
03# AXIAL FLOW FAN FOR SMOKE EXHAUST AIR 10000 CFM EACH

EA.PLENUM 2500x850x550H

111# 500x150 SAG. 177 CFM EACH 25# 200# SA.ROUND DIFF. 100 CFM EACH

LEGEND: HVAC

EQUIPMENT	DESCRIPTION
	FLAT OVAL DUCT
	EXHAUST AIR DUCT
	CHILLED WATER
	4-WAY CASSETTE UNIT
	VRF 4-WAY CASSETTE UNIT
	SUPPLY AIR GRILLE
	ROUND DIFFUSERS
	RETURN AIR BAFFLE
	REFRIGERANT PIPE
	CHILLED WATER PIPE
	INLINE FAN
	EXHAUST AIR GRILLE



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DRAWING TITLE

HVAC LAYOUT SEVENTH FLOOR

PROJECT TITLE

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 FOR DESIGN DEVELOPMENT STAGE
 FOR GFC STAGE

DATE: 28.08.23
DRAWN BY: BLK
ORIENTATION:

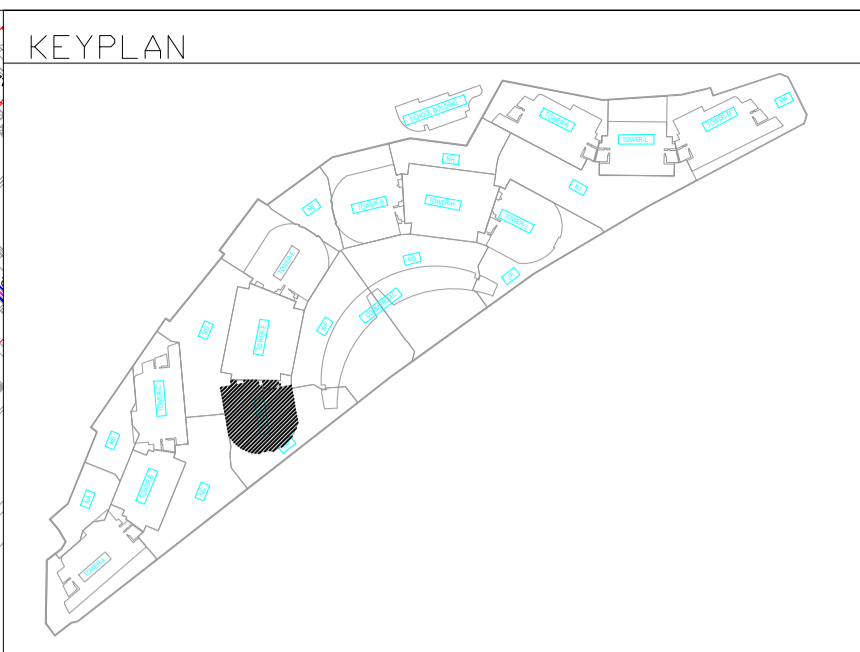
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CHECKED BY: AMG

LEGEND:- HVAC

EQUIPMENT	DESCRIPTION
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	EXHAUST AIR DUCT
	CHILLED WATER 4 - WAY CASSETTE UNIT
	VRF 4 - WAY CASSETTE UNIT
	SUPPLY AIR GRILLE
	ROUND DIFFUSER
	RETURN AIR BAFFLE
	REFRIGERANT PIPE
	CHILLED WATER PIPE
	INLINE FAN
	EXHAUST AIR GRILLE

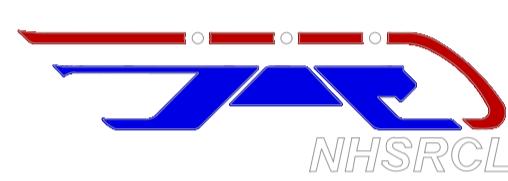
PROJECT NO: 012-0017
DRAWING NO: 012-NHS-230017-D-ME-A1-1007-03

DRAWING SIZE: A1
REVISION NO: R1



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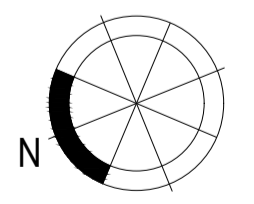
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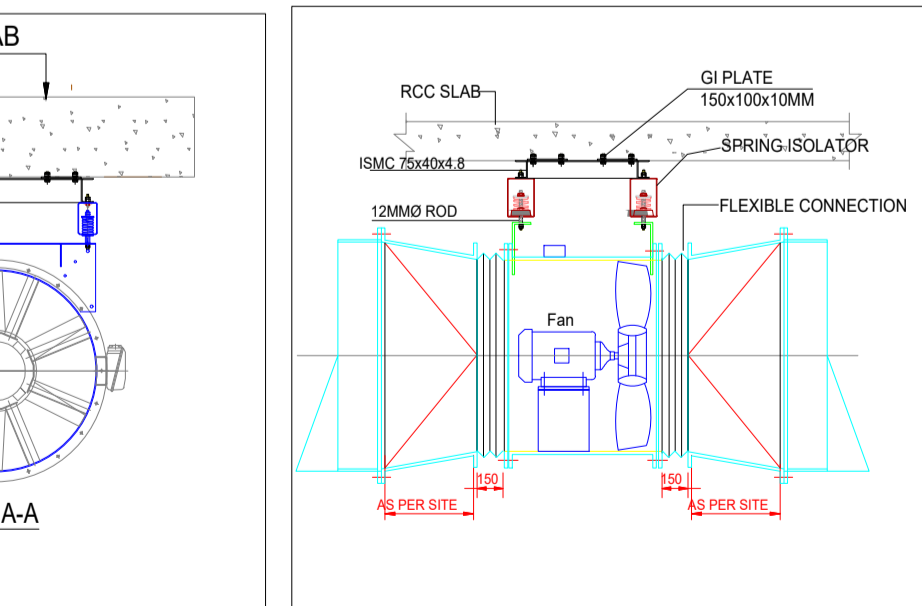
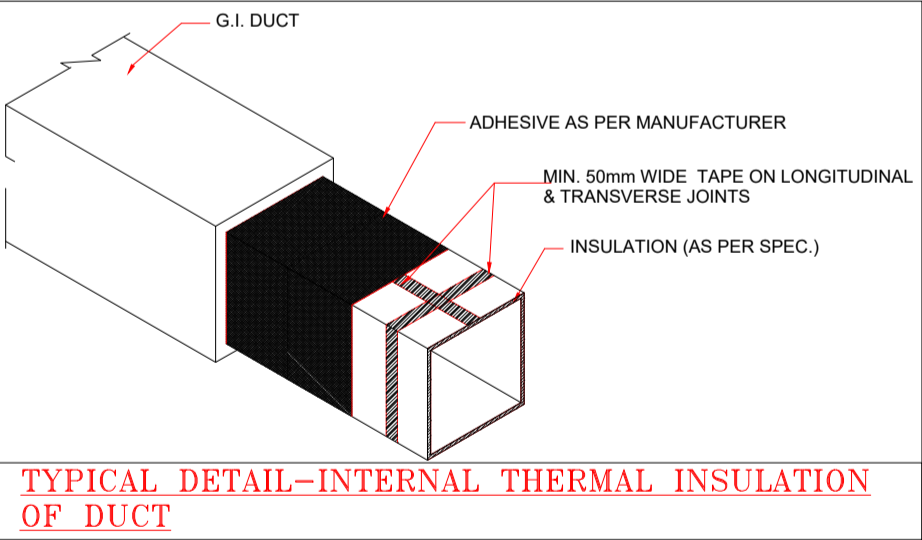
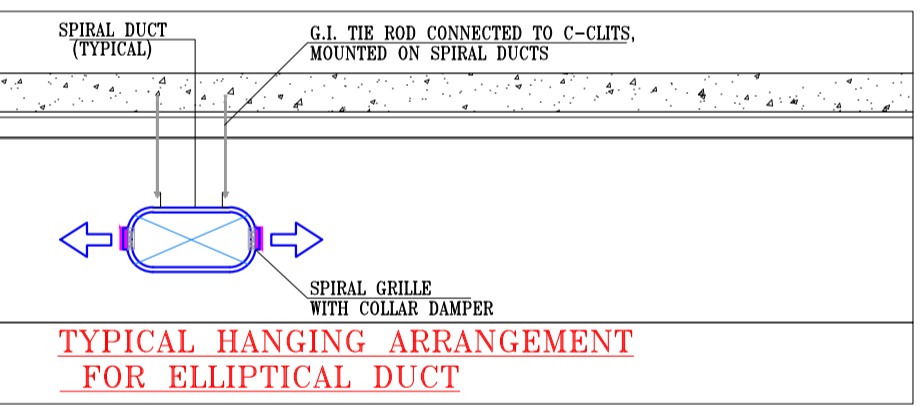
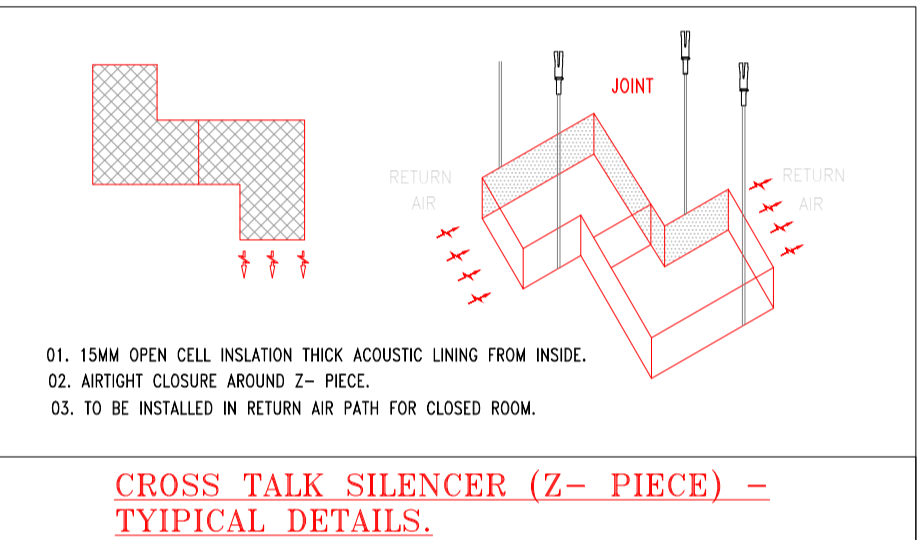
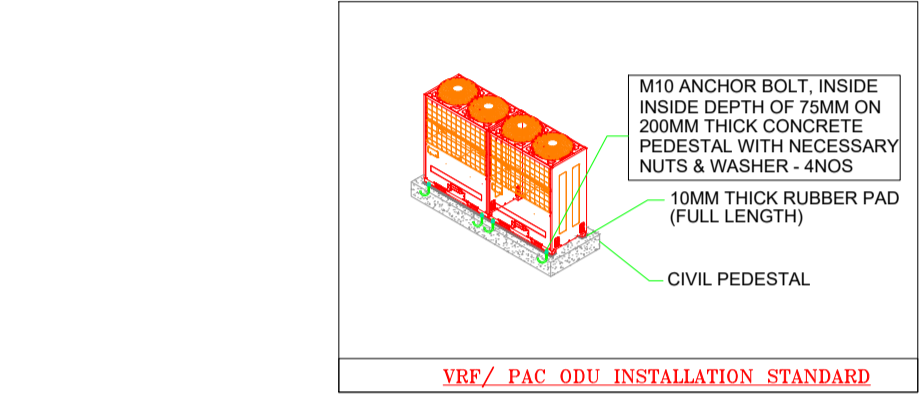
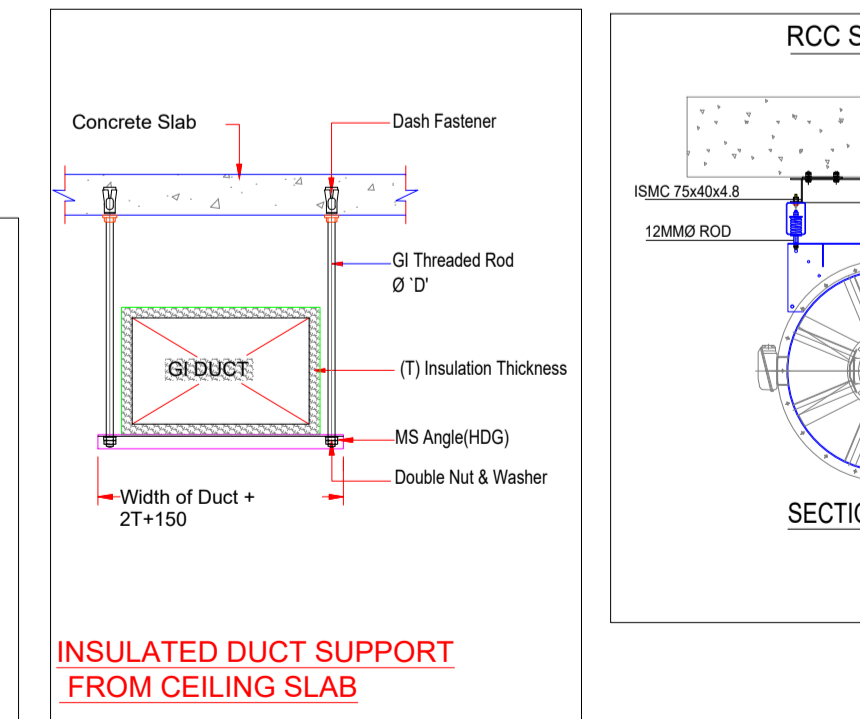
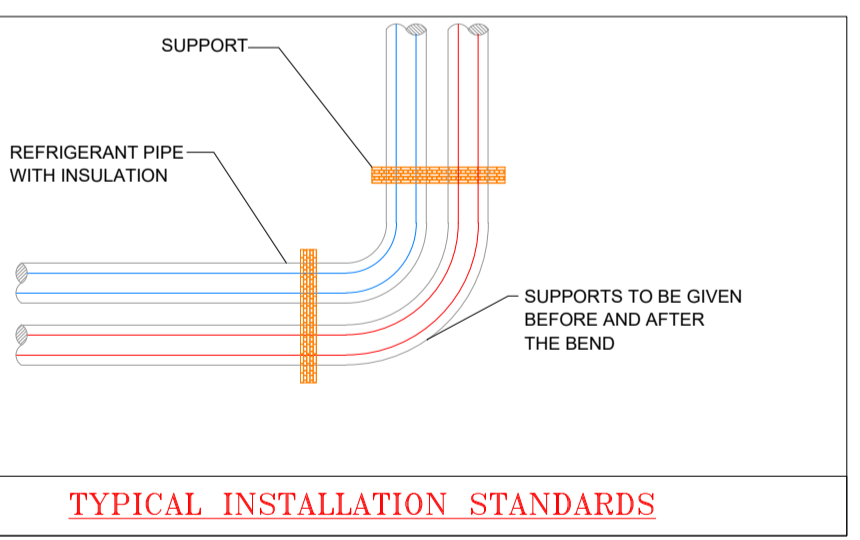
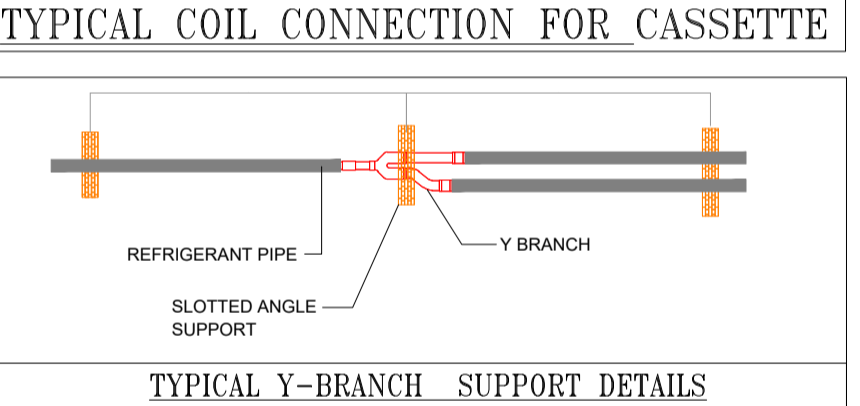
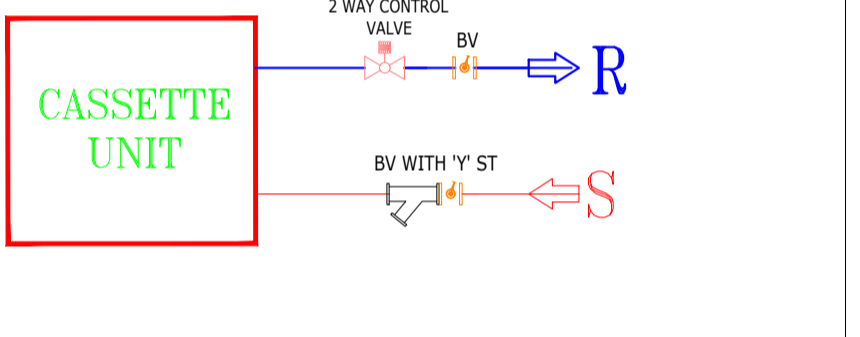
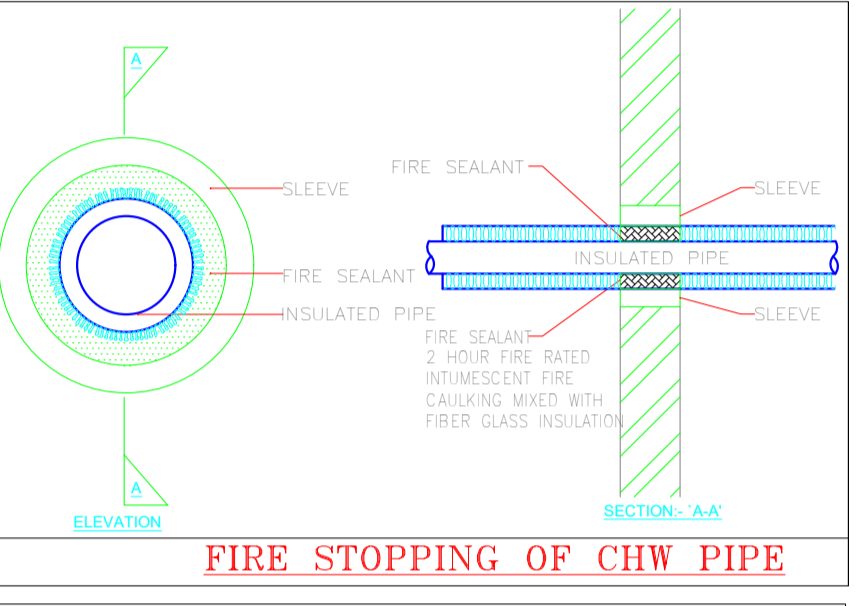
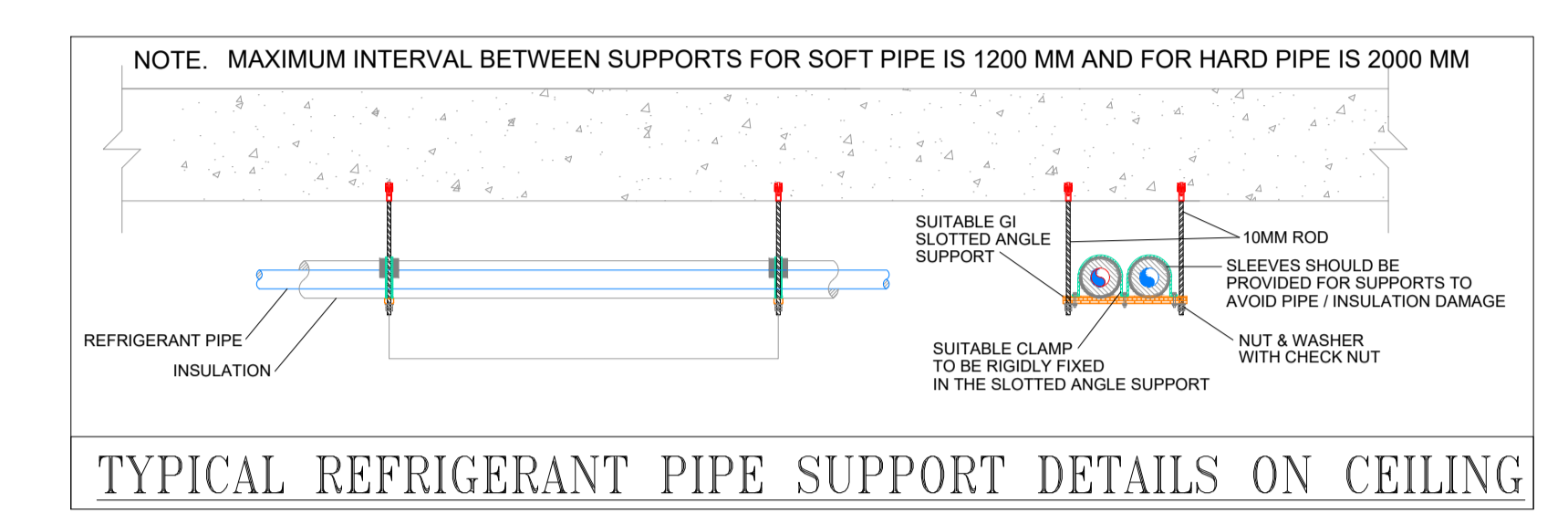
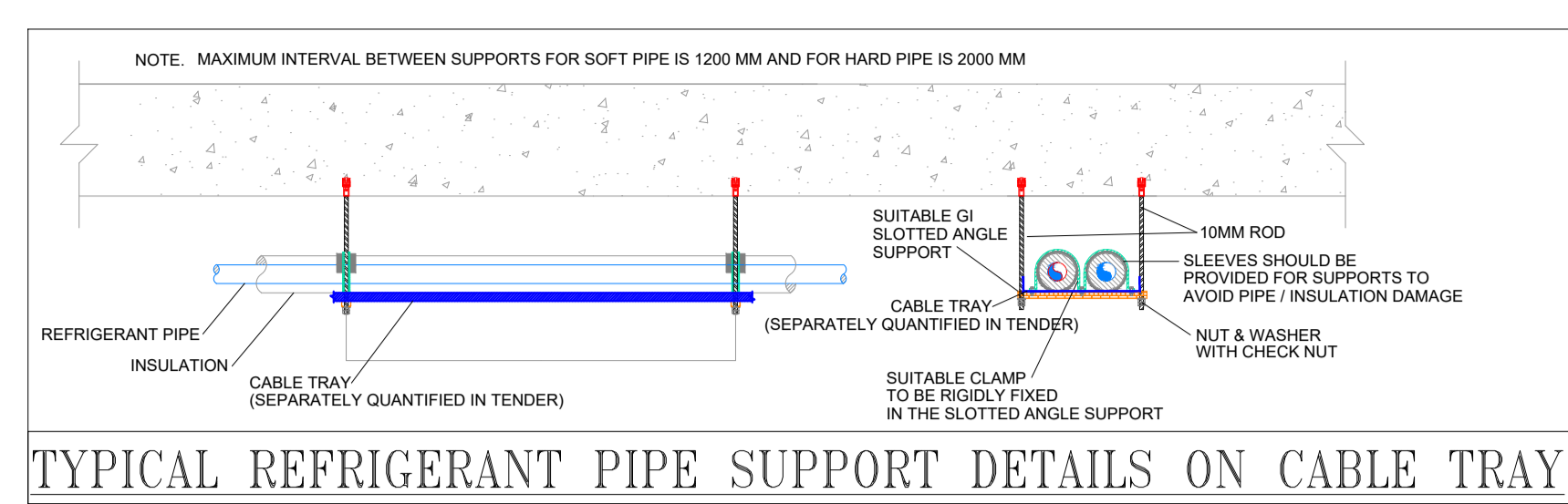
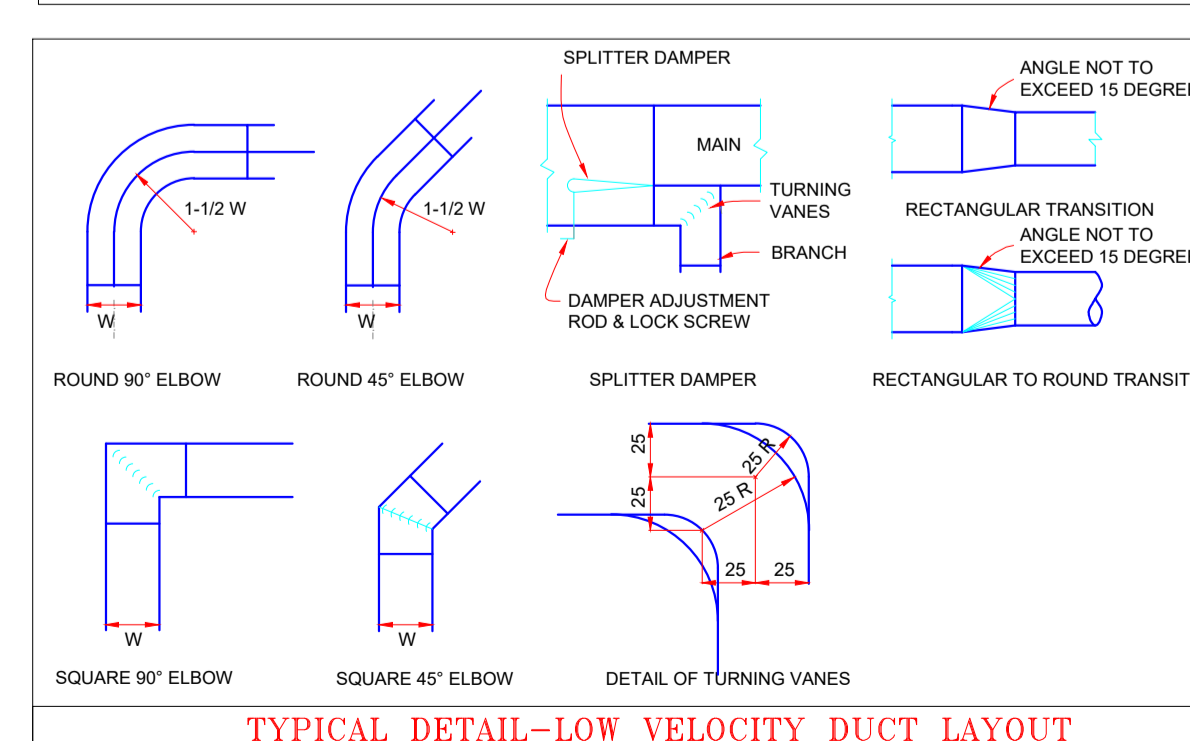
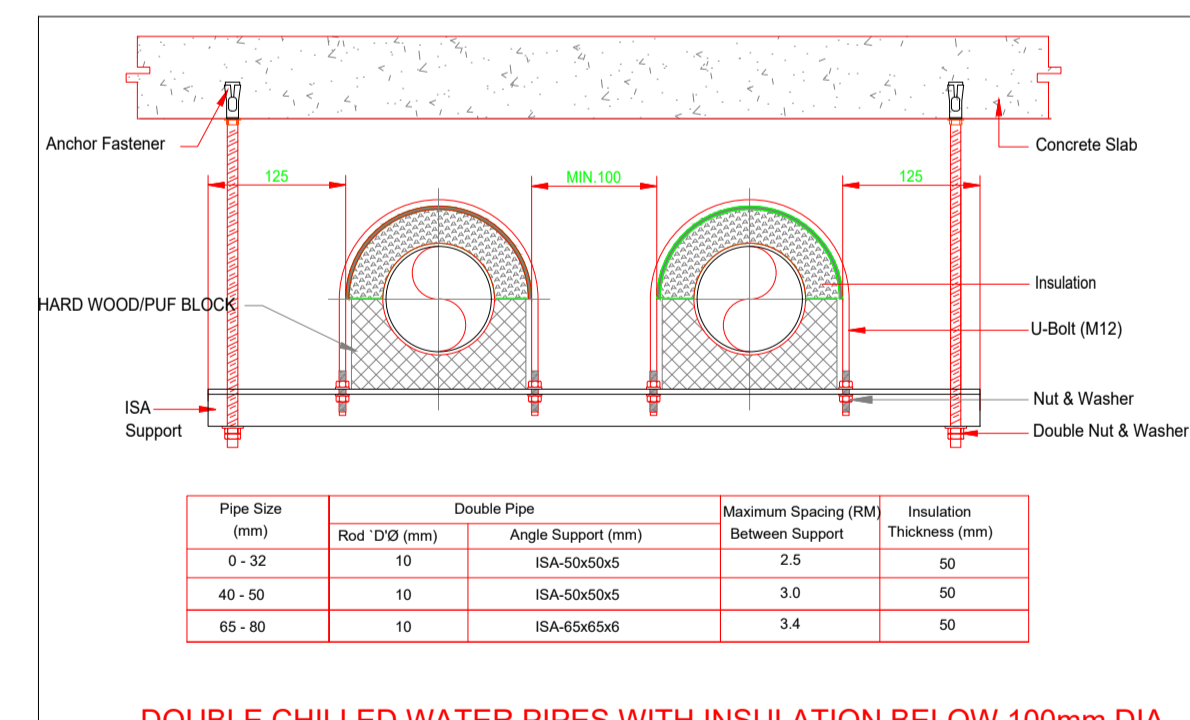
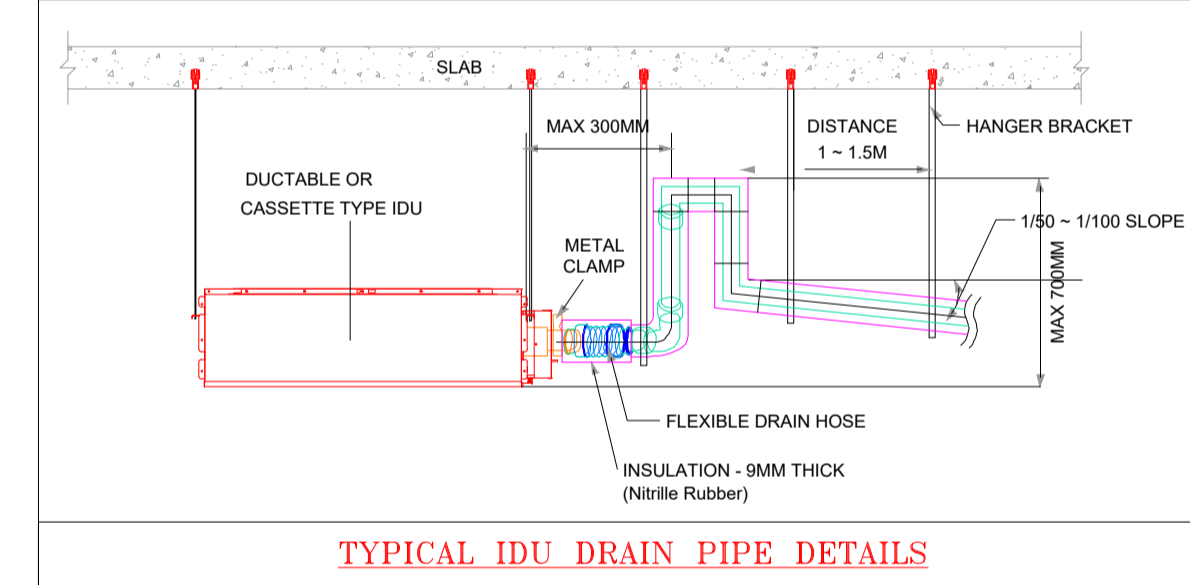
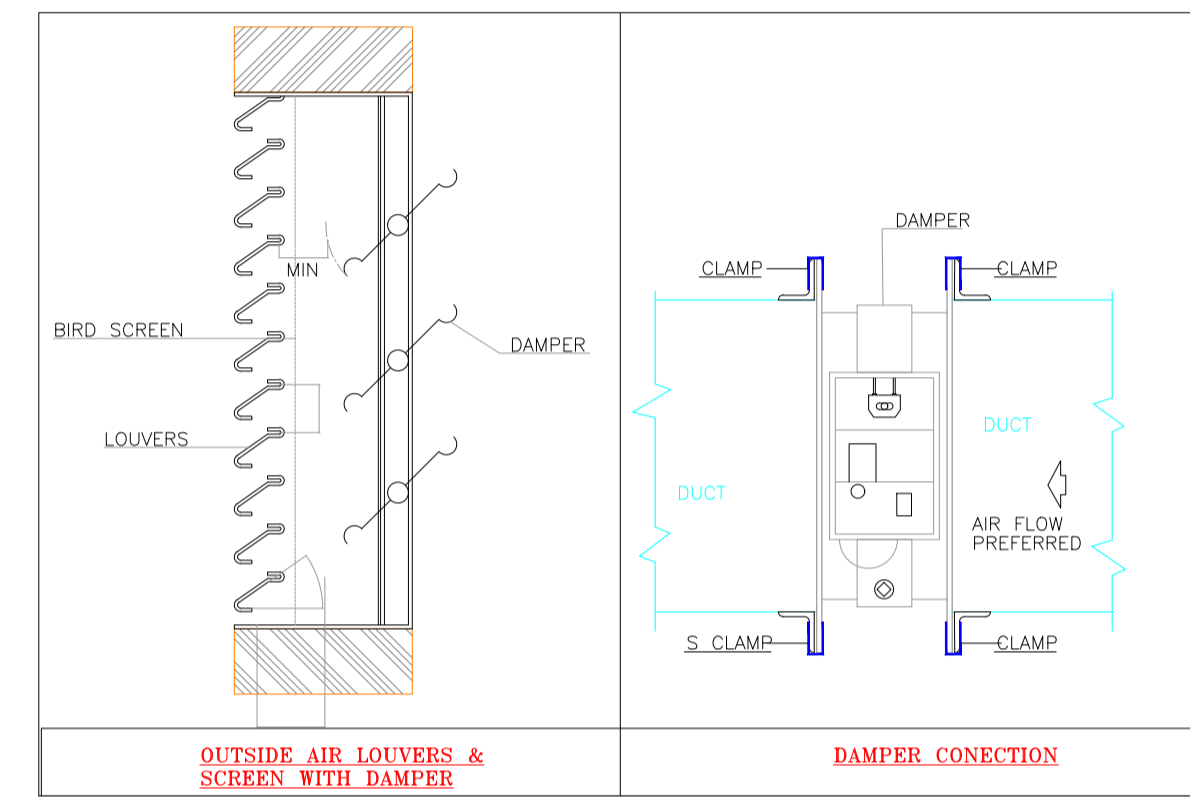
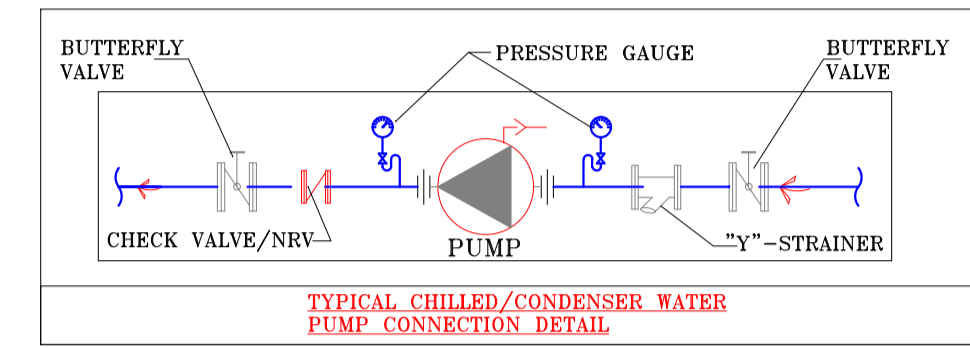
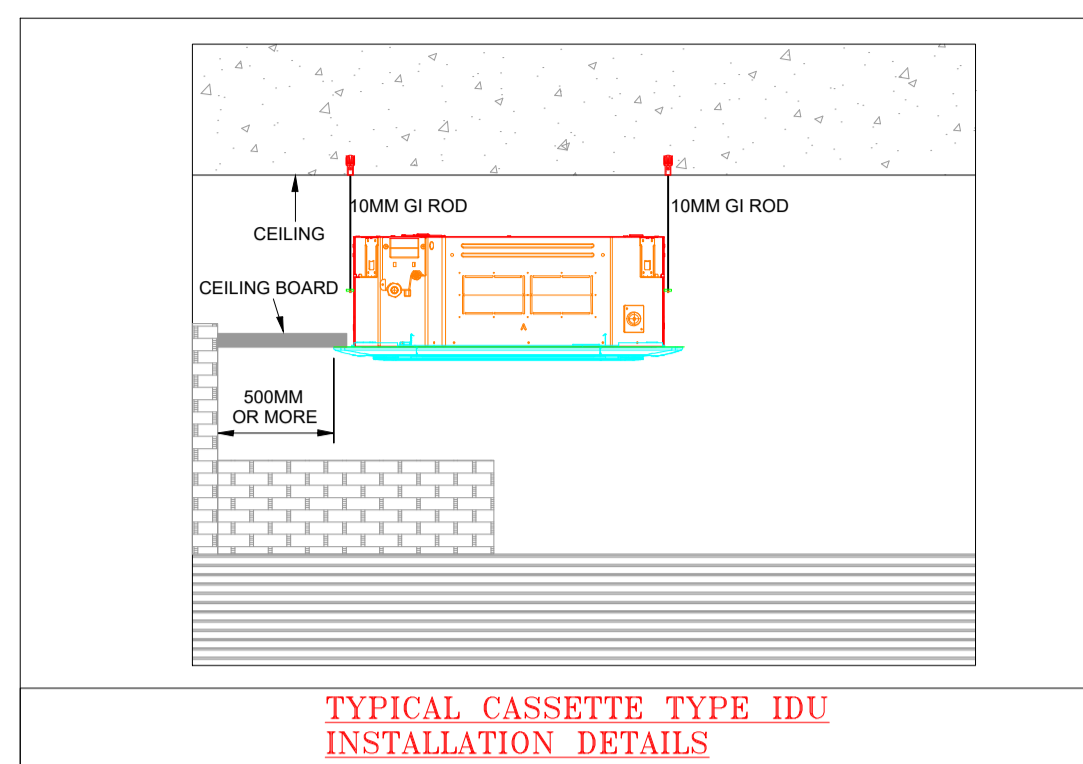
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DRAWING TITLE
 HVAC LAYOUT
 TERRACE FLOOR

PROJECT TITLE
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 FOR GFC STAGE

DATE:	DRAWN BY:	ORIENTATION:
28.08.23	BLK	
SCALE:	CHECKED BY:	
1:100	AMG	

PROJECT NO:	DRAWING NO:
012-0017	012-NHS-230017-D-ME-A1-10TR-04
DRAWING SIZE:	REVISION NO:
A1	R1



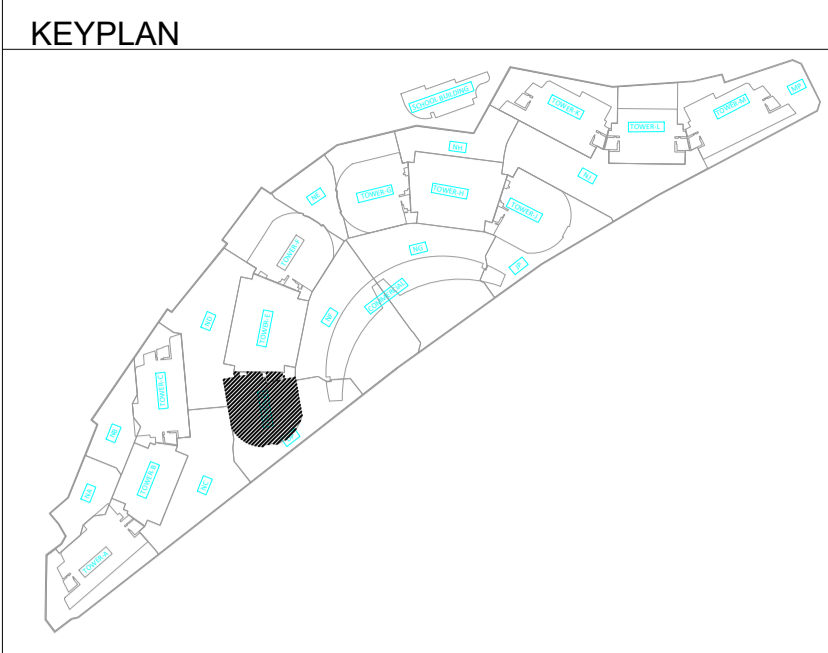
SPIRAL DUCT CONSTRUCTION TABLE

Major Dimension Duct Size	Sheet Metal Gauge		Hanger
	Thickness	Maximum Spacing	Rod Dia/Anchor Fastener (mm)
0 to 600 mm	0.63 mm	2400 mm	8
601 to 1200 mm	0.8 mm	2400 mm	10
1201 to 1650 mm	1.0 mm	2400 mm	12
Above 1650	1.25 mm	2400 mm	12

RECTANGULAR DUCT CONSTRUCTION TABLE

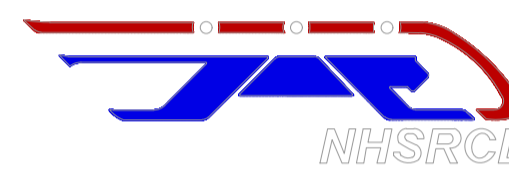
Major Dimension Duct Size	Sheet Metal Gauge		Hanger		Transverse Joint with	Gasket Size (MM)
	Thickness	Maximum Spacing	Rod Dia/Anchor Fastener (mm)	SUPPORT SIZE (MM)		
0 to 250 mm	C & S 0.63 mm	2400 mm	8	40x20x1.5 Rolled' GSS'Channel/ 25X25X3 HDG MS Angle	Cleat	10x4(t)
251 to 400 mm	TDF 0.63 mm	2400 mm	8	40x20x1.5 Rolled' GSS'Channel/ 25X25X3 HDG MS Angle	Cleat	10x4(t)
401 to 1000 mm	TDF 0.8 mm	2400 mm	8	40x20x1.5 Rolled' GSS'Channel/ 32X32X3 HDG MS Angle	Cleat	10x4(t)
1001 to 1250 mm	TDF 1.0 mm	2400 mm	10	32x32x3.0 HDG MS Angle	G-Clamp	10x4(t)
1251 to 1600 mm	TDF 1.0 mm	2400 mm	10	40x40x4.0 HDG MS Angle	G-Clamp	10x4(t)
1601 to 1800 mm	TDF 1.0 mm	2400 mm	10	50x50x5.0 HDG MS Angle	G-Clamp	15x6(t)
1801 to 2000 mm	TDF 1.0 mm	2400 mm	10	50x50x5.0 HDG MS Angle	G-Clamp	15x6(t)
2001 to 2500 mm	TDF 1.25 mm	2400 mm	12	65x65x6.0 HDG MS Angle	G-Clamp	15x6(t)
2501 mm and above	TDF 1.25 mm	2400 mm	12	65x65x6.0 HDG MS Angle	G-Clamp	15x6(t)

Notes: 1. Gasket will be of fire retardant type.
2. Earthing continuity jumpers (2 Nos.) on diagonally opposite corner of each joint shall be provided.



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DRAWING TITLE

HVAC TYPICAL STANDARD DETAIL

PROJECT TITLE

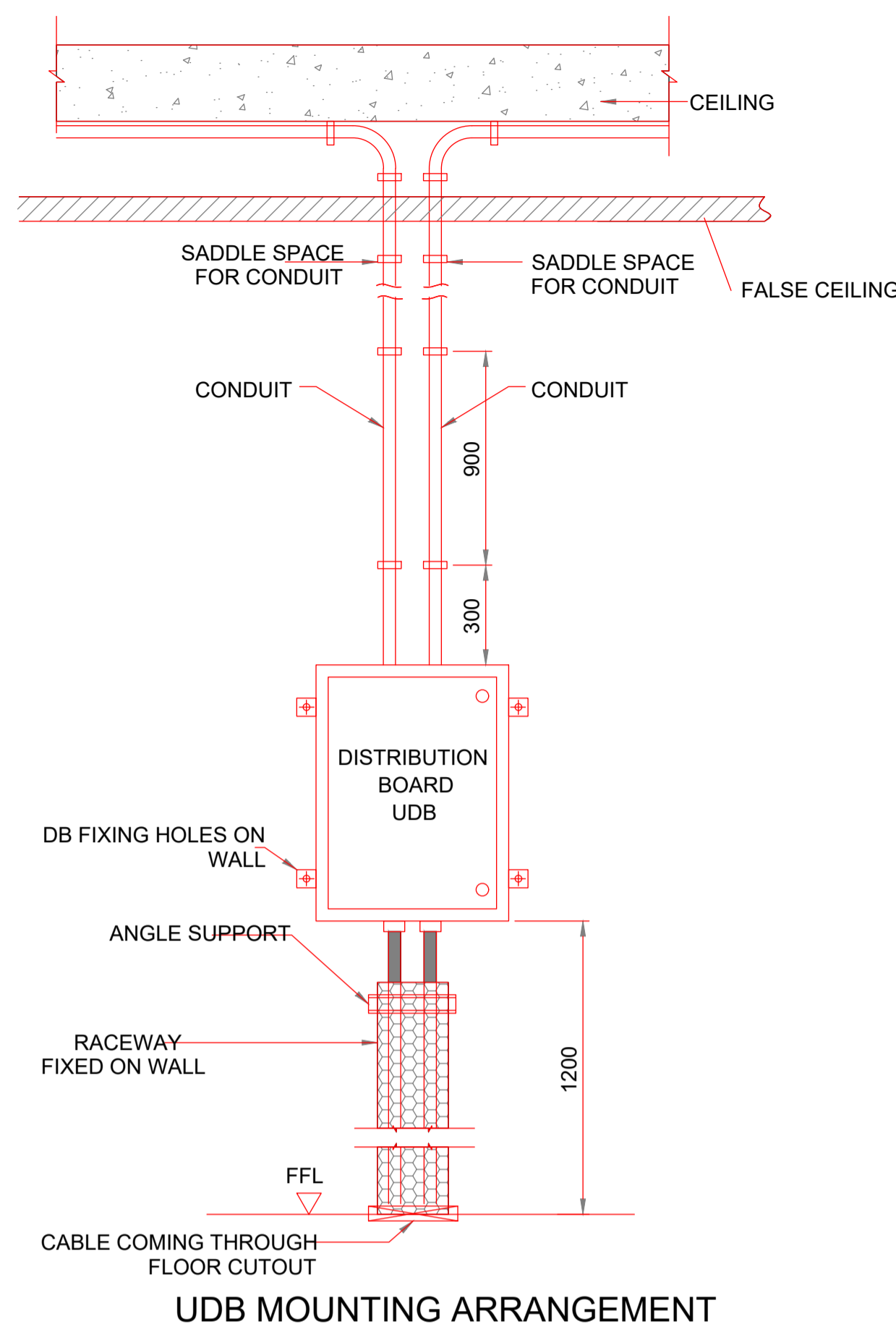
FOR ADVANCE COPY
 FOR DESIGN DEVELOPMENT STAGE
 FOR GFC STAGE

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DRAWN BY: BLK
ORIENTATION: N

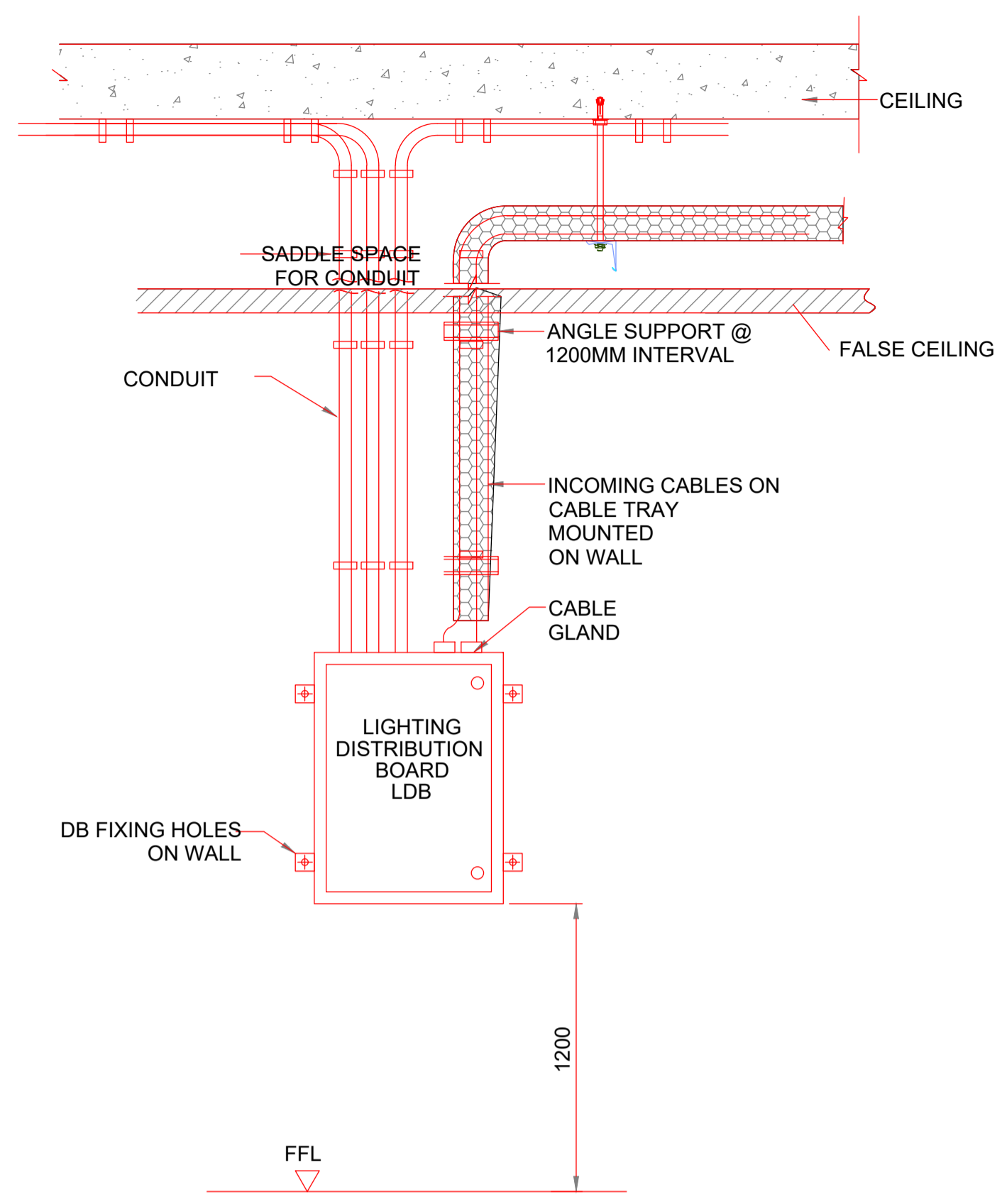
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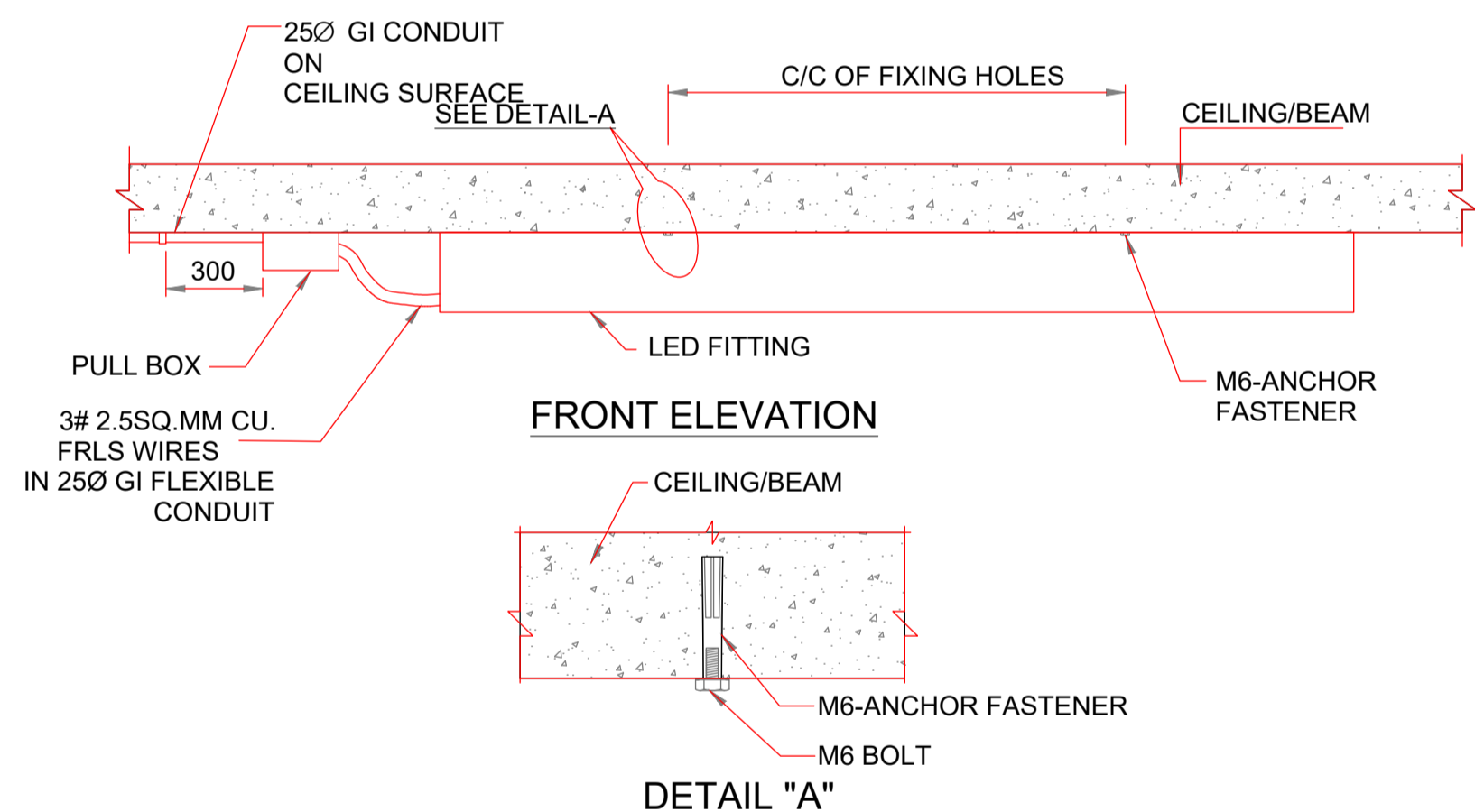
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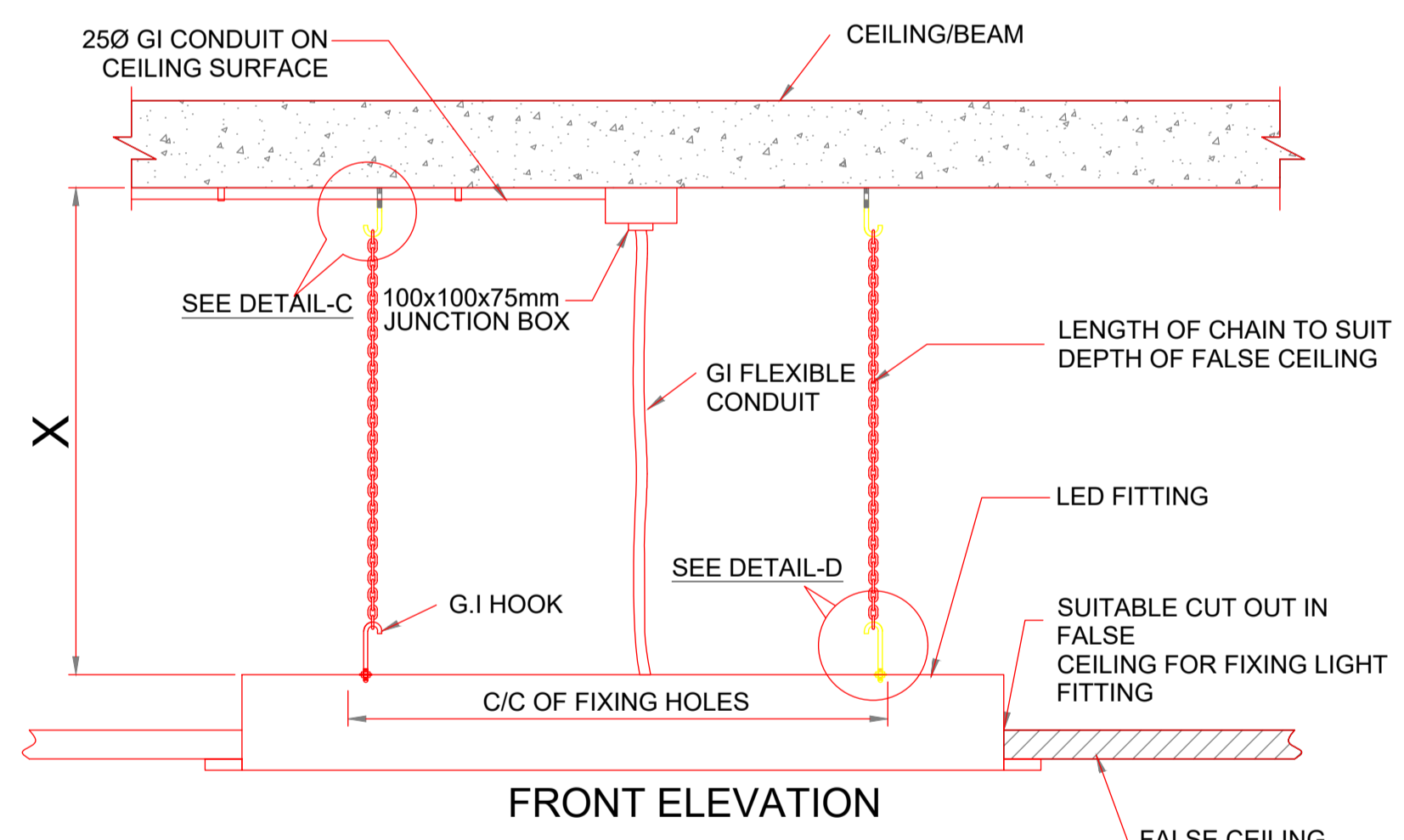
UDB MOUNTING ARRANGEMENT



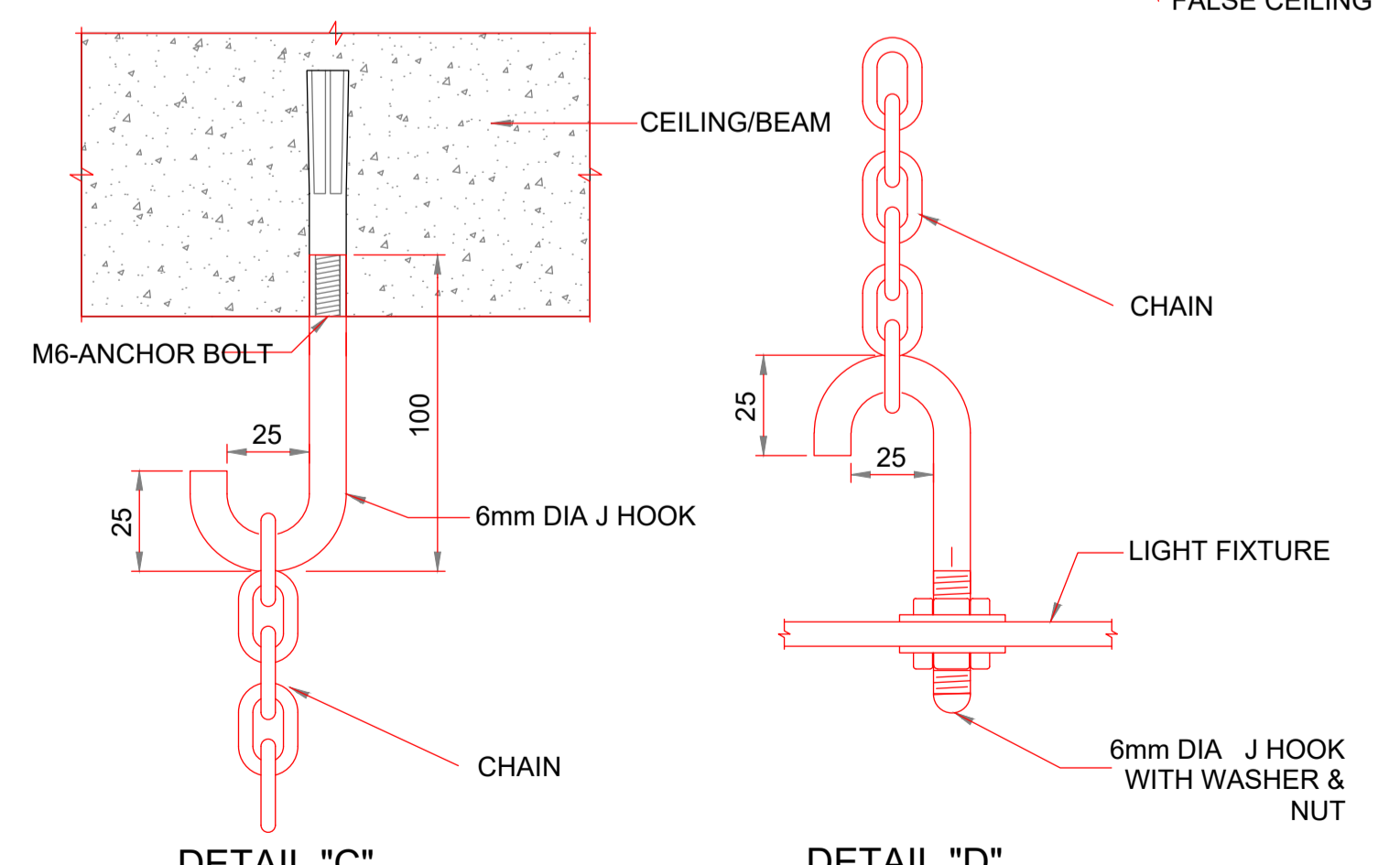
LDB MOUNTING ARRANGEMENT



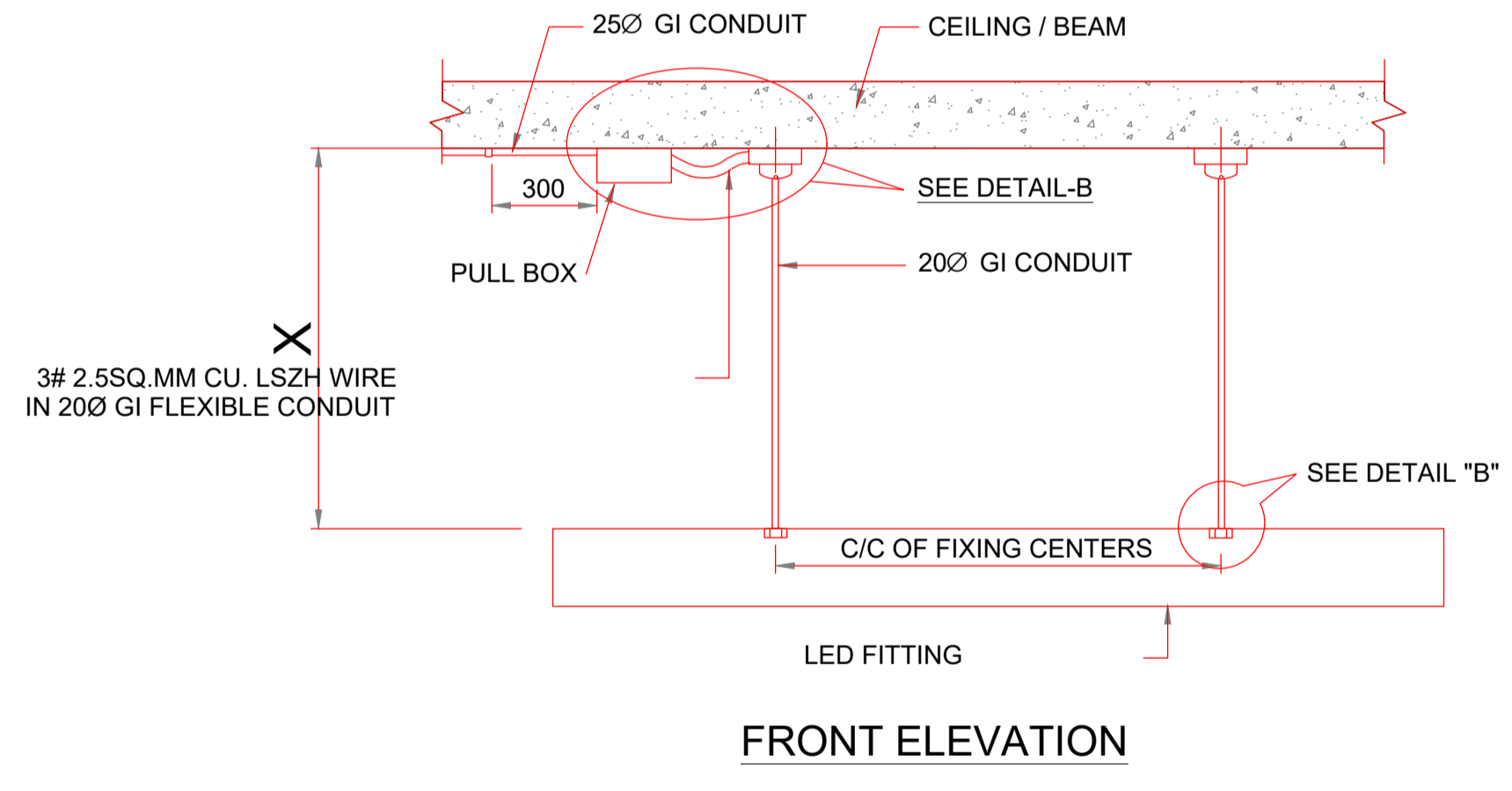
SURFACE MOUNTING FITTING ARRANGEMENT



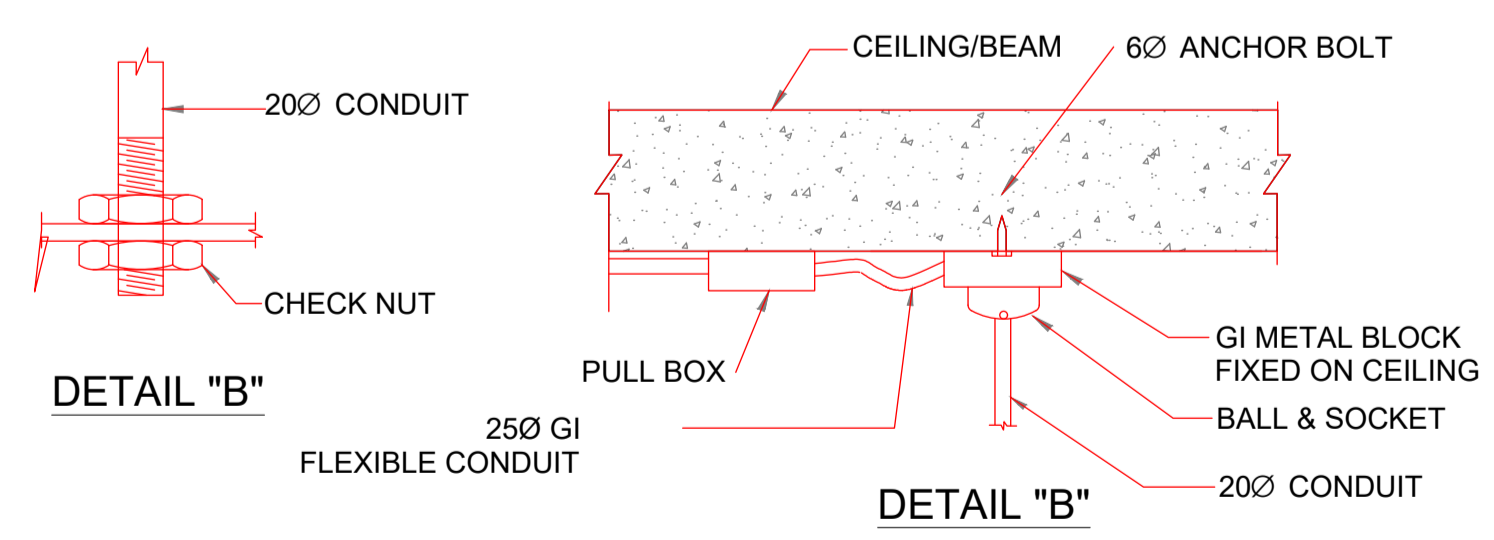
FRONT ELEVATION



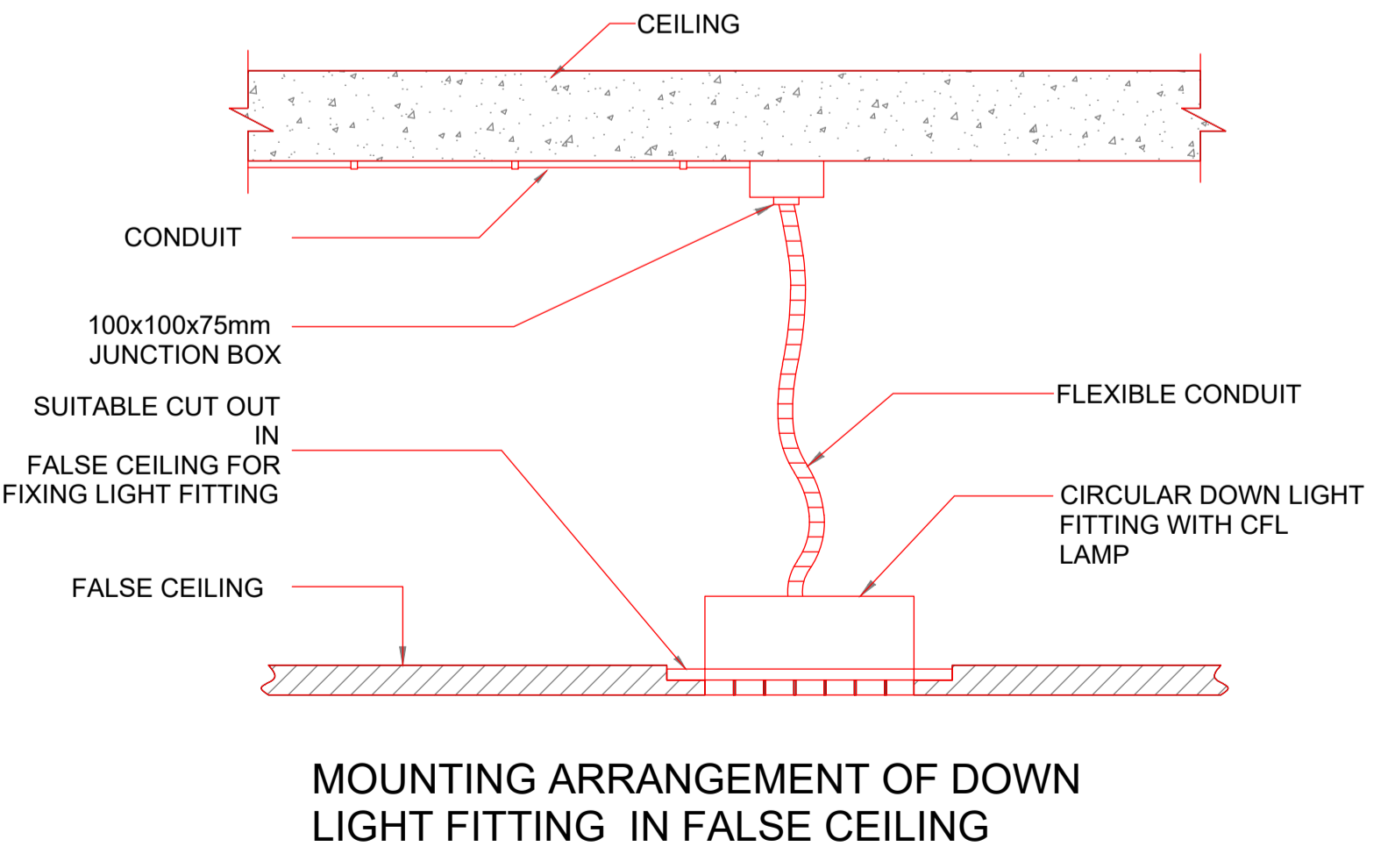
DETAIL "C" CEILING SUSPENDED FITTING ARRANGEMENT WITH CHAIN & HOOK



FRONT ELEVATION

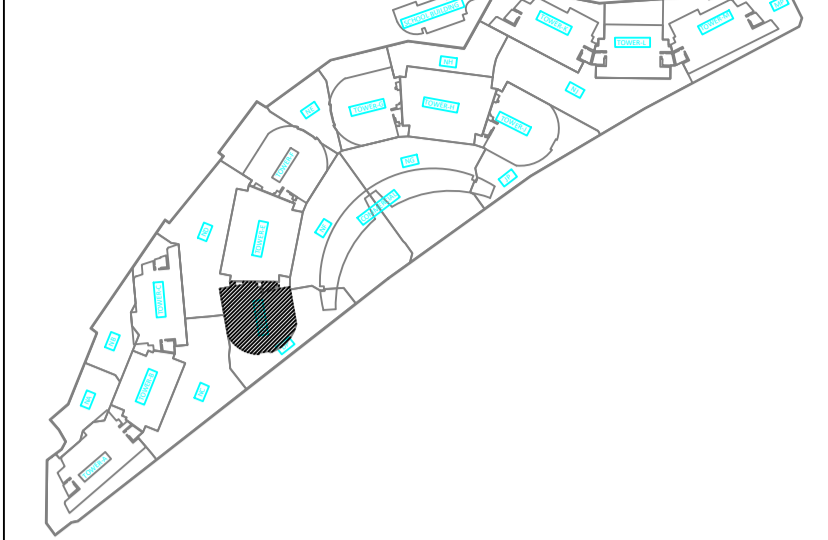


CEILING SUSPENDED FITTING ARRANGEMENT WITH GI CONDUIT



MOUNTING ARRANGEMENT OF DOWN LIGHT FITTING IN FALSE CEILING

KEYPLAN

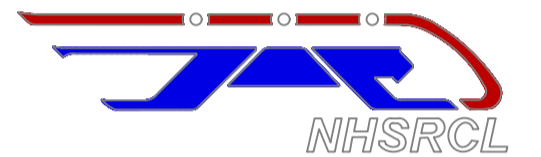


NOTE

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DRAWING TITLE

ELECTRICAL & ELV TYPICAL STANDARD DETAIL

PROJECT TITLE

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- FOR DESIGN DEVELOPMENT STAGE
- FOR GFC STAGE

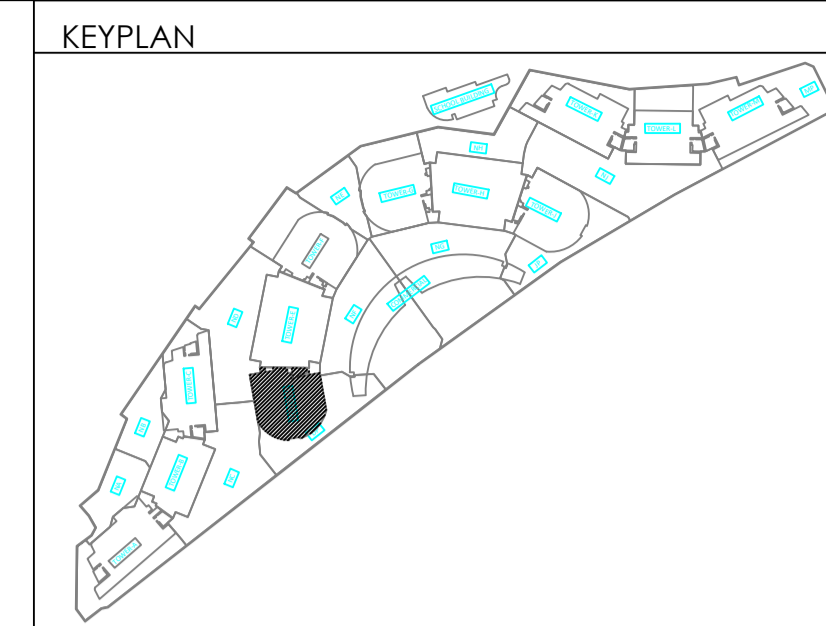
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28-08-2023	SUK	
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012-0017 012-NHS-230017-D-EL-A2-0201-05A

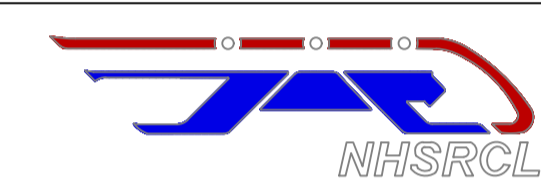
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A2 R1



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DRAWING TITLE
 ELECTRICAL & ELV TYPICAL STANDARD DETAIL

PROJECT TITLE
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 FOR DESIGN DEVELOPMENT STAGE
 FOR GFC STAGE

DATE:	DRAWN BY:	ORIENTATION:
28-08-2023	SUK	
SCALE:	CHECKED BY:	
NTS	AMG	

PROJECT NO:	DRAWING NO:
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DRAWING SIZE:	REVISION NO:
A2	R1

