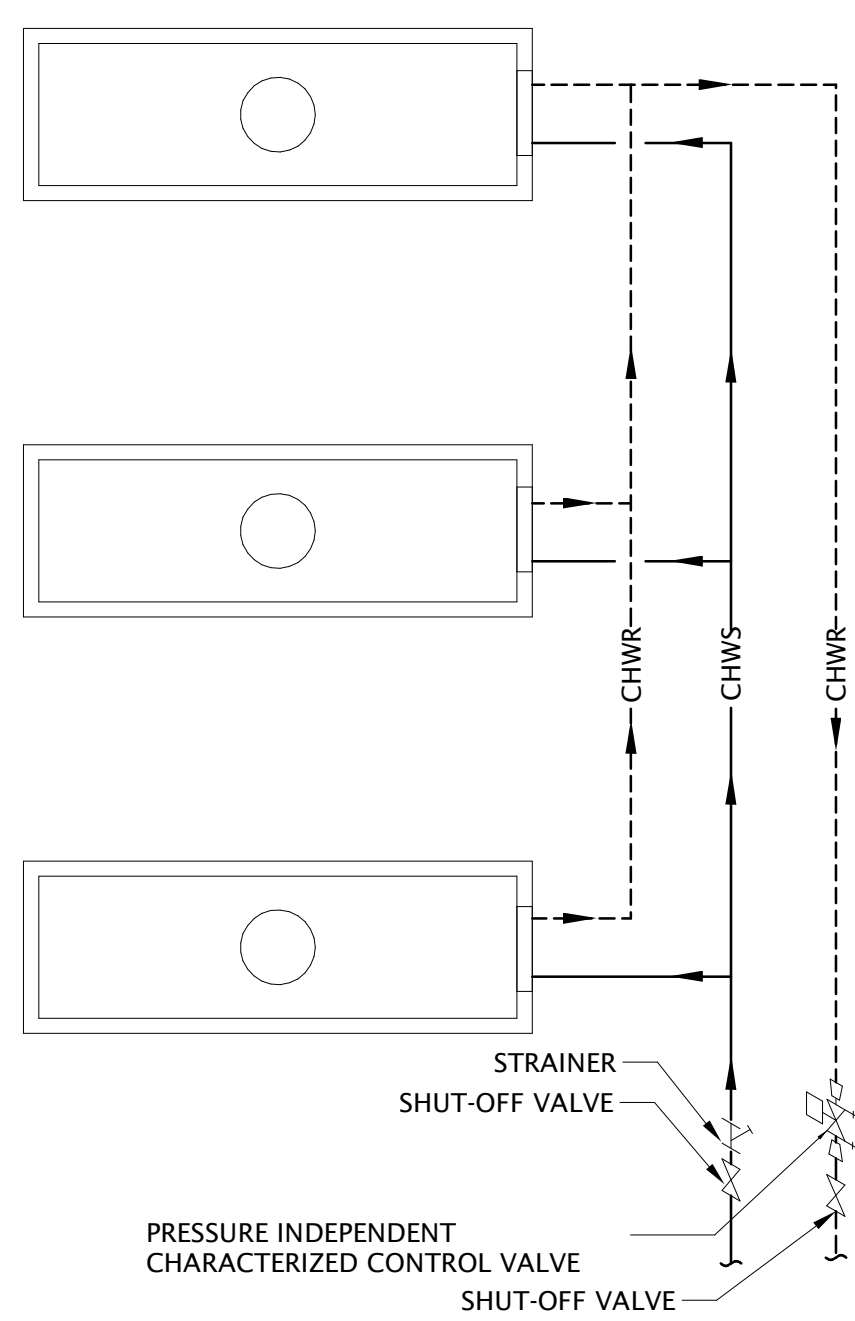
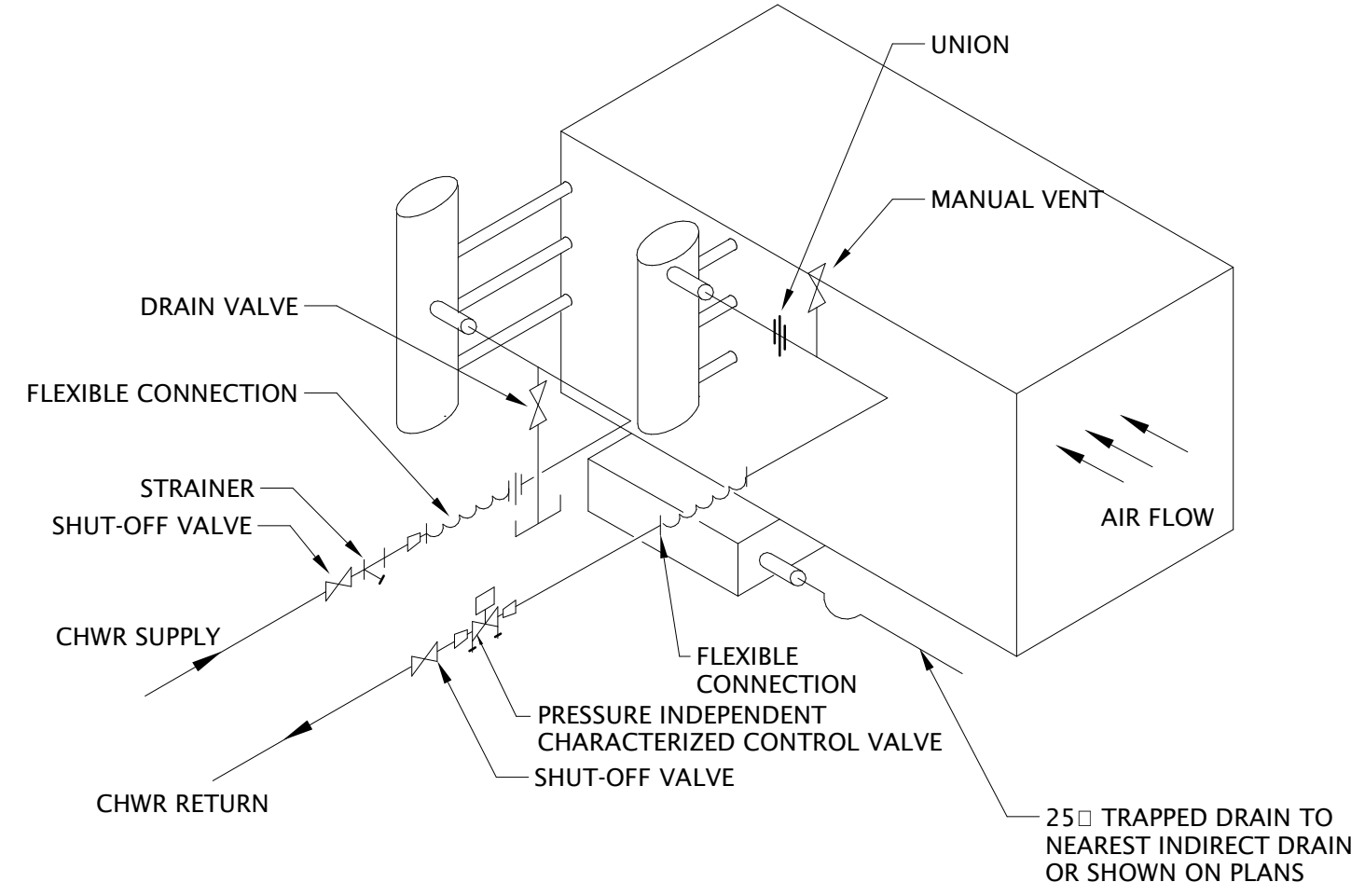


- NOTES:
1. ALL CHILLED BEAMS SERVING ONE ZONE TO BE PIPED REVERSE-RETURN AND CONTROLLED BY THE SAME CONTROL VALVE.
 2. PROVIDE VALVED DRAINS AT ALL LOW POINTS AND AIR VENTS AT HIGH POINTS.
 3. REFER TO PLANS FOR EXACT BEAMS LAYOUT

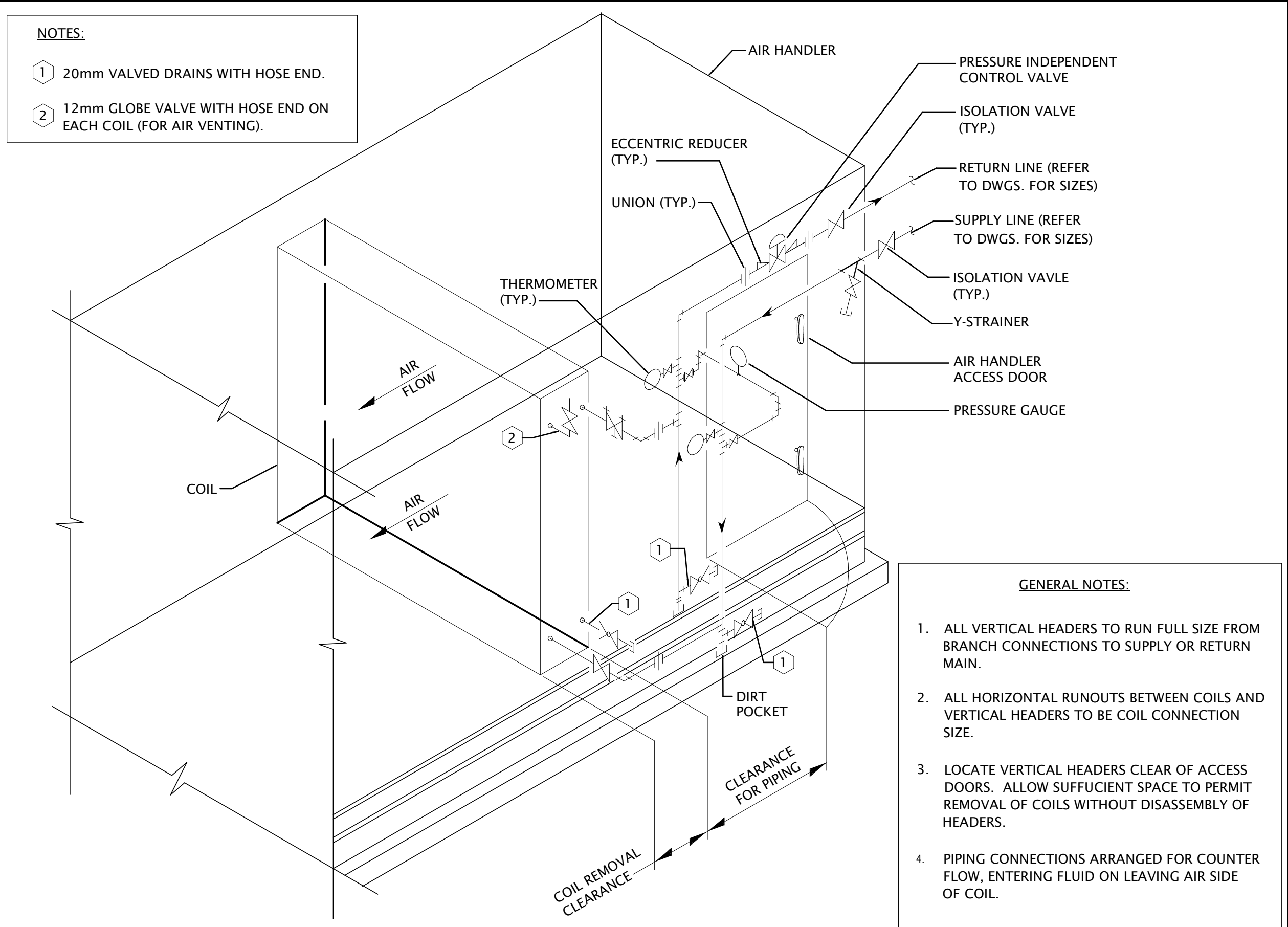
ACTIVE CHILLED BEAM (TYP.)



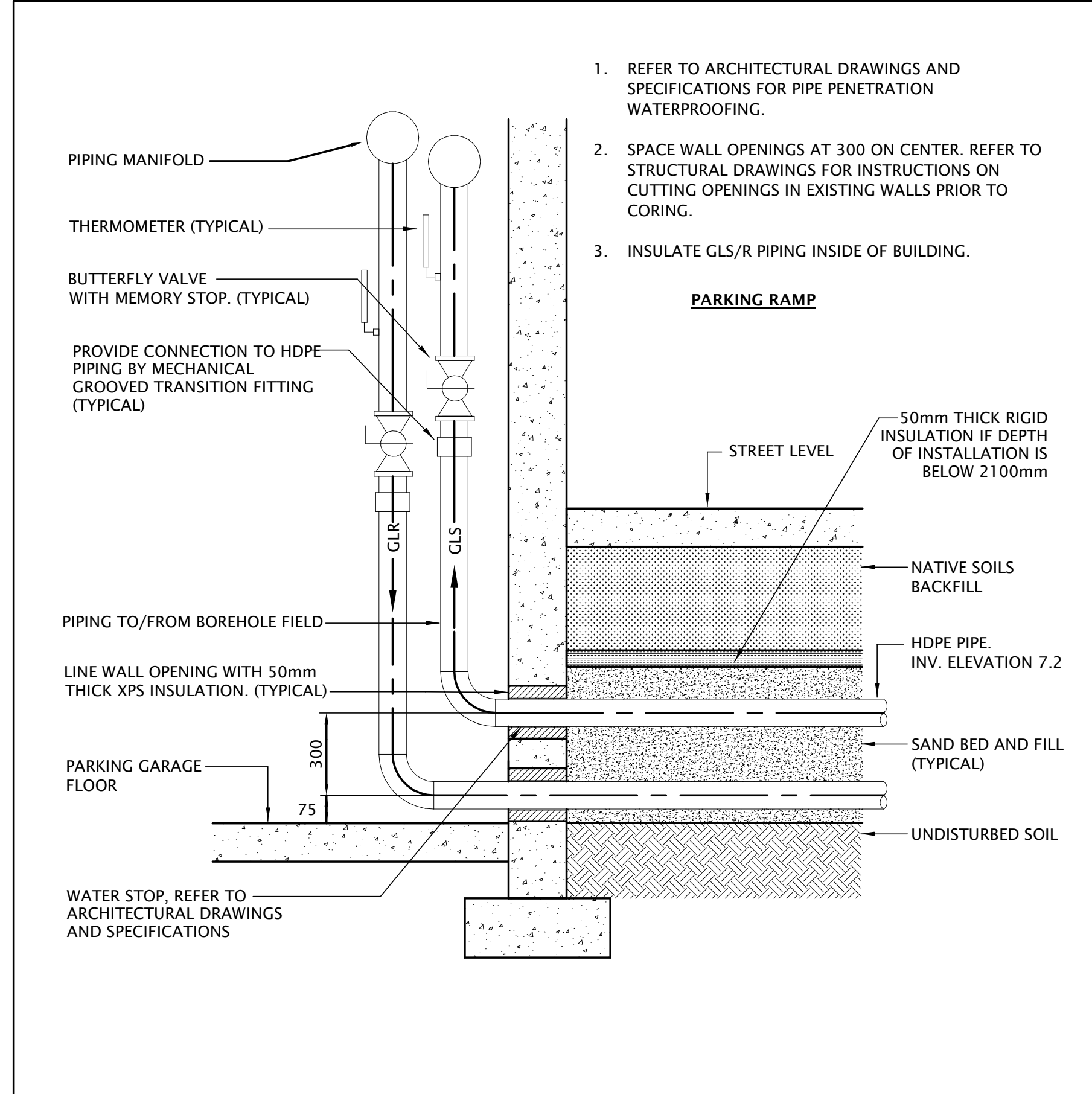
4 ACTIVE CHILLED BEAMS PIPING DETAIL
M03-04 SCALE: N.T.S.



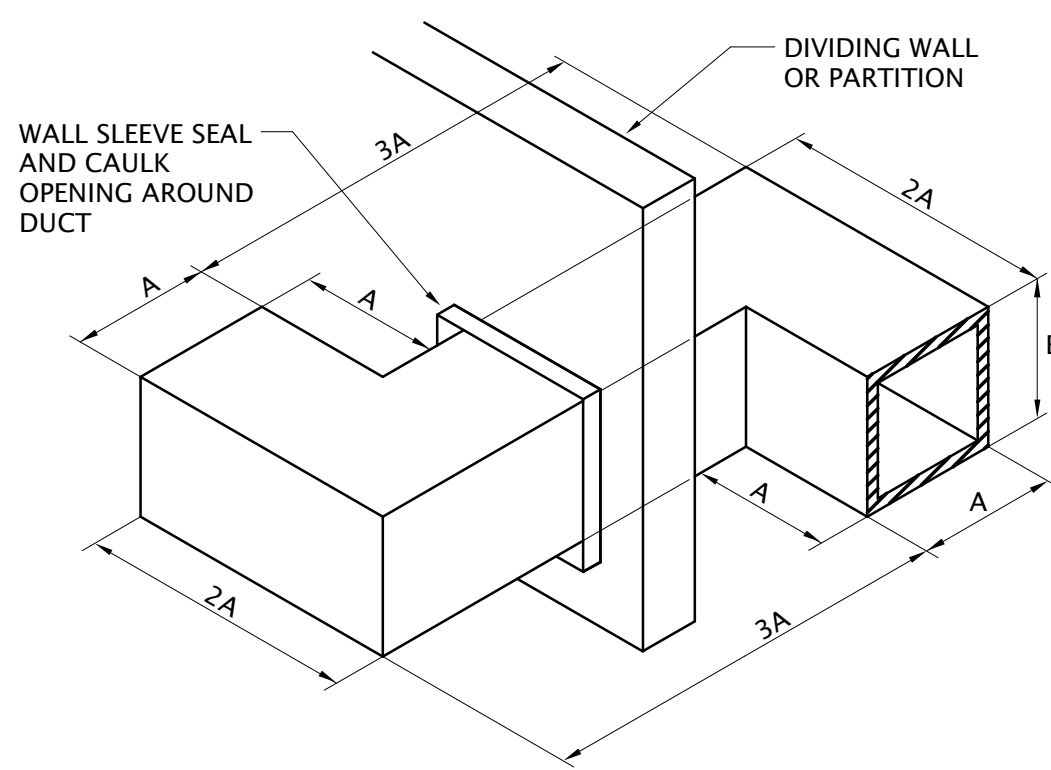
3 FAN COIL UNIT PIPING DETAIL
M03-04 SCALE: N.T.S.



2 COIL SCHEMATIC - 2 WAY VALVE
M03-04 SCALE: N.T.S.



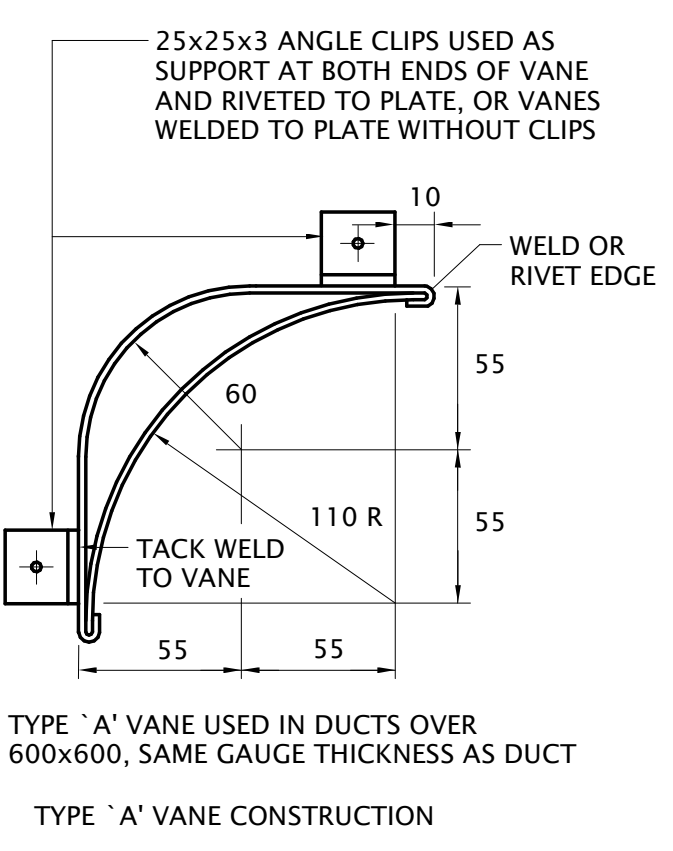
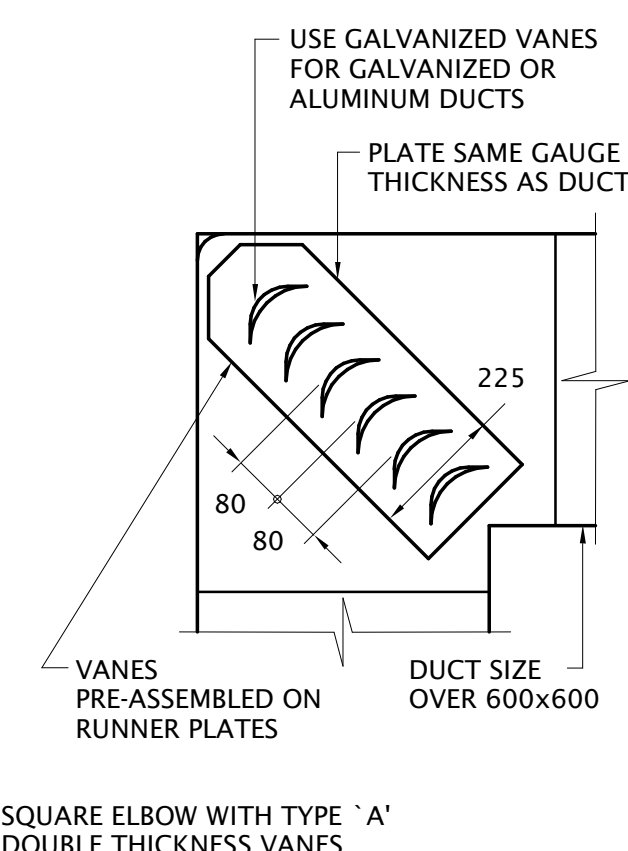
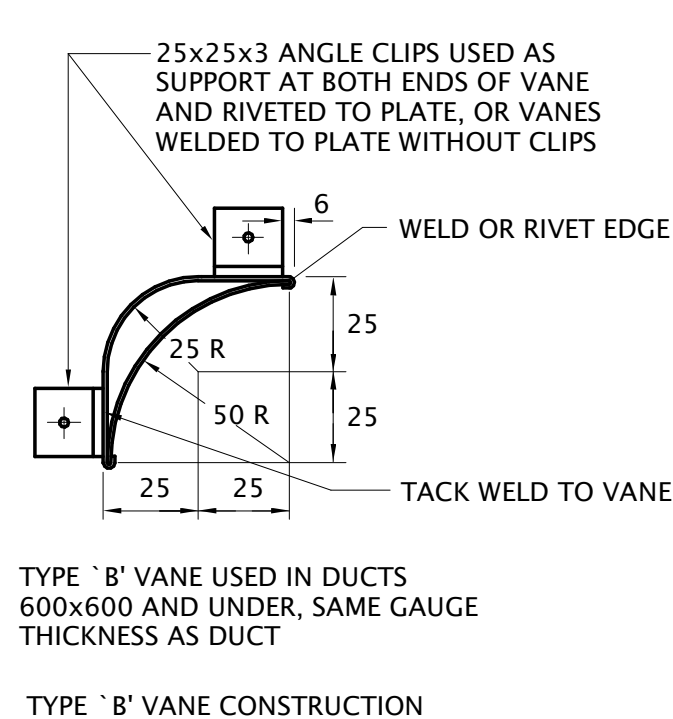
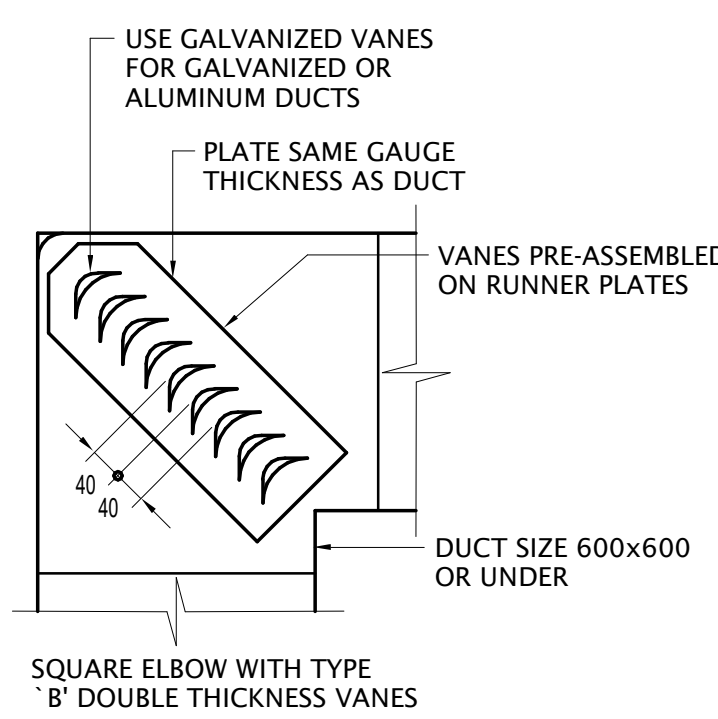
1 GROUND LOOP ELEVATION
M03-04 SCALE: N.T.S.



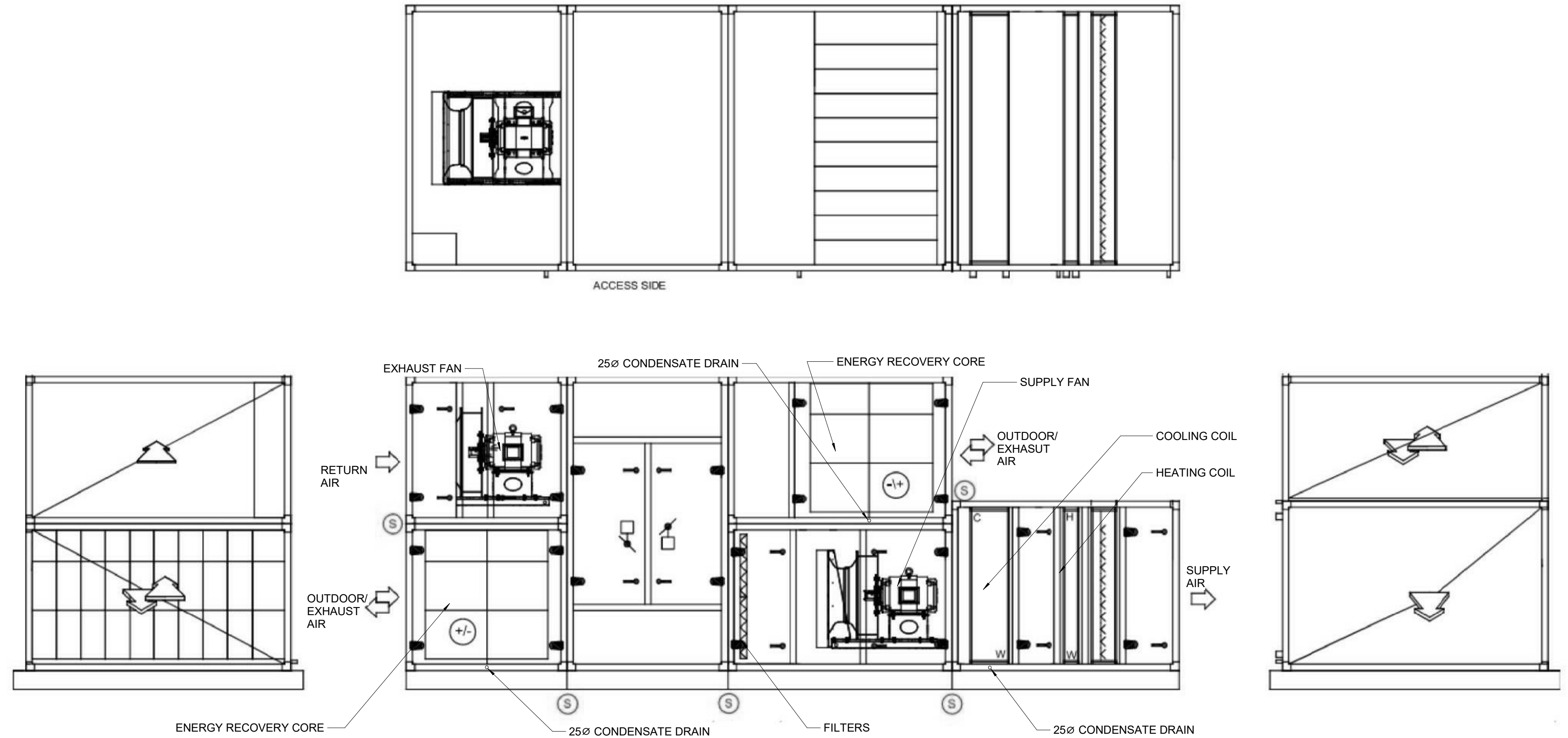
DIMENSIONS ON DRAWINGS REFER TO INSIDE DIMENSION OF THE 25mm THICK ACOUSTIC LINING.

TAG	DIMENSIONS A x B	AIR FLOW (L/s)	DIMENSIONS		INTERNAL ACOUSTICAL LINING
			A (mm)	B (mm)	
A	250 x 150	70	250	150	25mm TH
B	250 x 250	150	250	250	25mm TH
C	510 x 250	290	510	250	25mm TH
D	610 x 300	380	610	300	25mm TH
E	820 x 460	800	820	460	25mm TH
F	1010 x 460	1000	1100	460	25mm TH

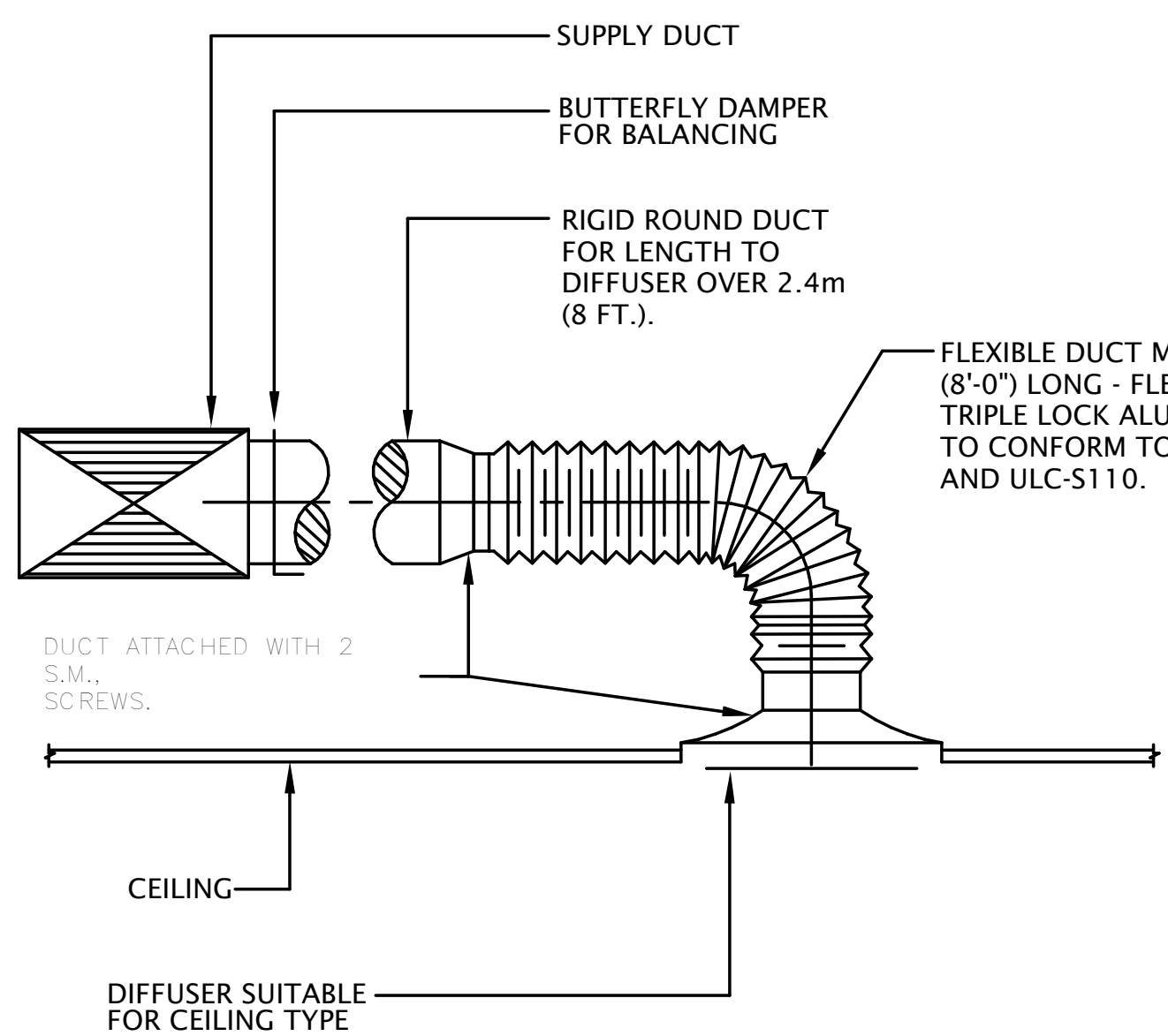
7 CROSS TALK SILENCER
M03-04 SCALE: N.T.S.



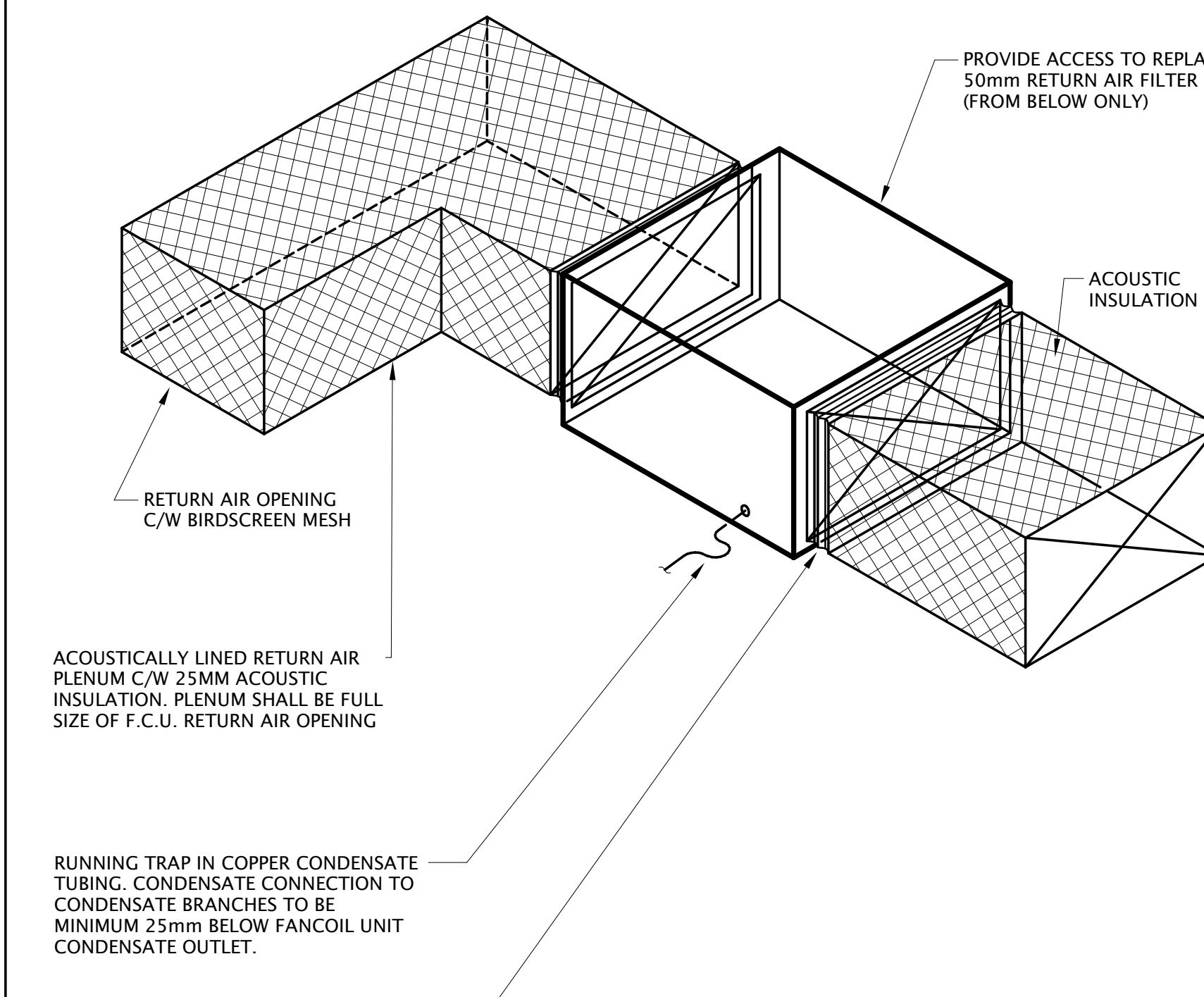
6 TURNING VANES IN SQUARE ELBOWS
M03-04 SCALE: N.T.S.



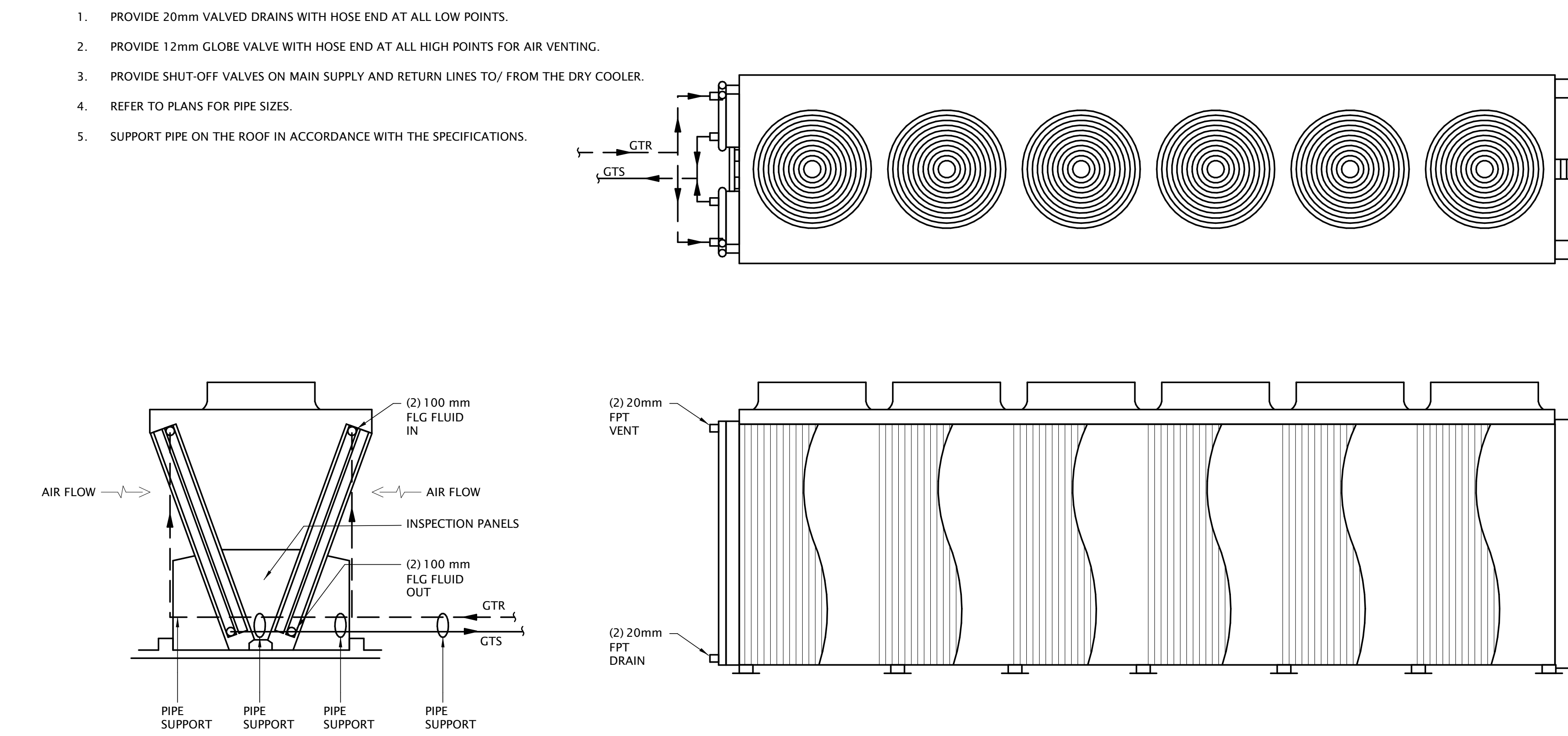
5 MAKE-UP AIR UNIT
M03-04 SCALE: N.T.S.



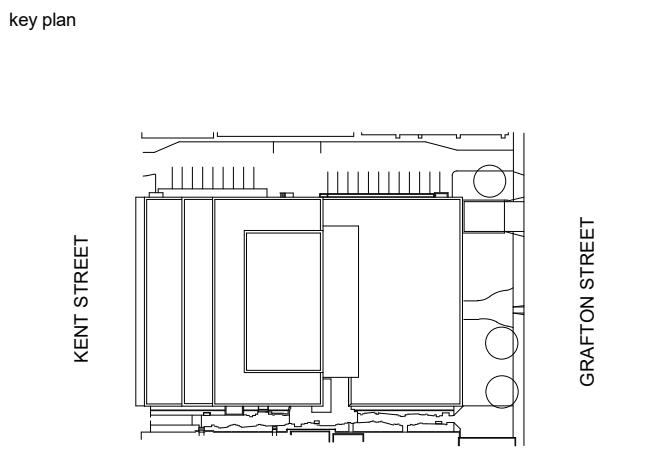
10 TYPICAL SQUARE PLAQUE DIFFUSER CONNECTION
M03-04 SCALE: N.T.S.



9 FAN COIL UNIT WITH RETURN AIR PLENUM
M03-04 SCALE: N.T.S.



8 DRY COOLER
M03-04 SCALE: N.T.S.



project and true North

project legend

THE ASSOCIATION OF
PROFESSIONAL ENGINEERS
OF THE PROVINCE OF
PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2022
P.N. Frasier
No. 2553
DATE: 27 MAY, 2022
LICENSED
PROFESSIONAL ENGINEER
PROVINCE OF
PRINCE EDWARD ISLAND

ISSUED FOR TENDER 2022-05-27

revisions date

project

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date 2022-05-27

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PWGS Project Manager Administrateur de projets TPSC

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M03-04

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