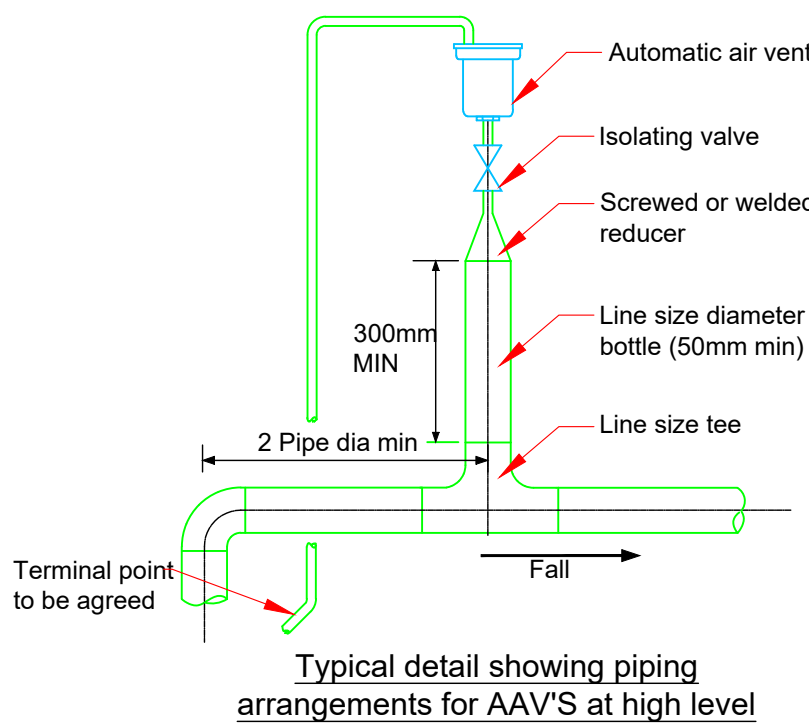
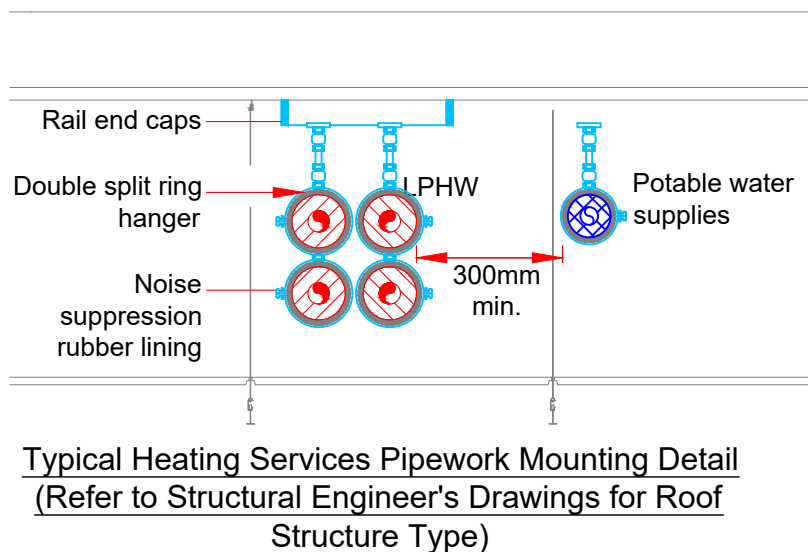
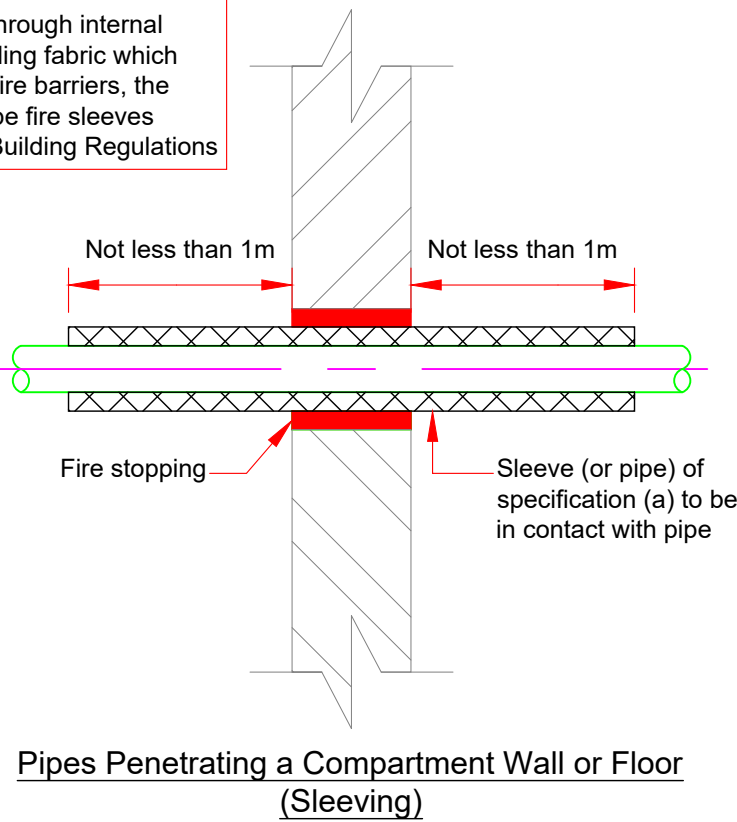


Space Heating Typical Details

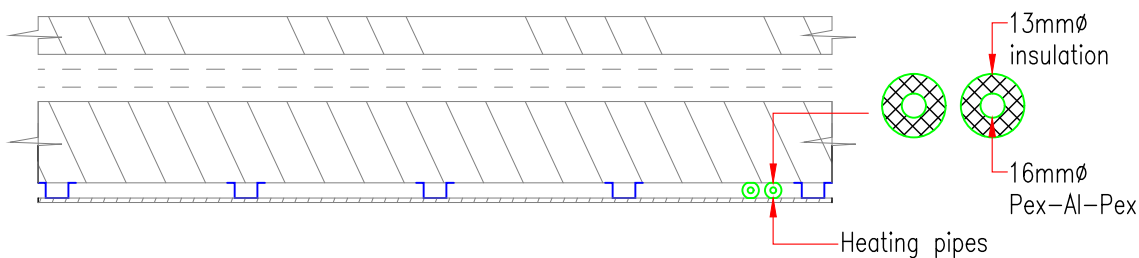


Note:
Where pipes pass through internal divisions in the building fabric which are constructed as fire barriers, the sleeves fitted shall be fire sleeves where required by Building Regulations



General Note:

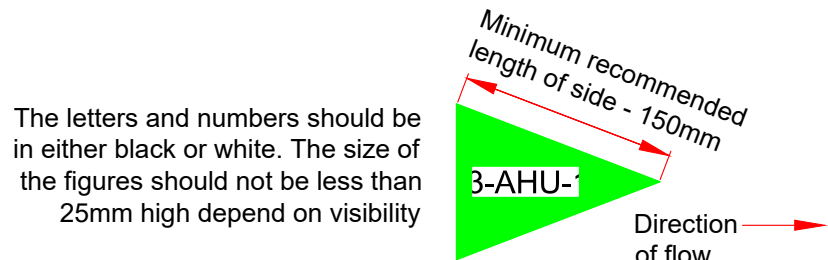
Radiator pipework to convert from steel to pre-insulated multi-layer PEX piping in ceiling void and drop in void space between plasterboard and blockwork to radiator connection



Wall Detail Indicating Heating Pipes Dropping in Void Before Internal Blockwork Leaf and Plasterboard on External Walls of Rear Block

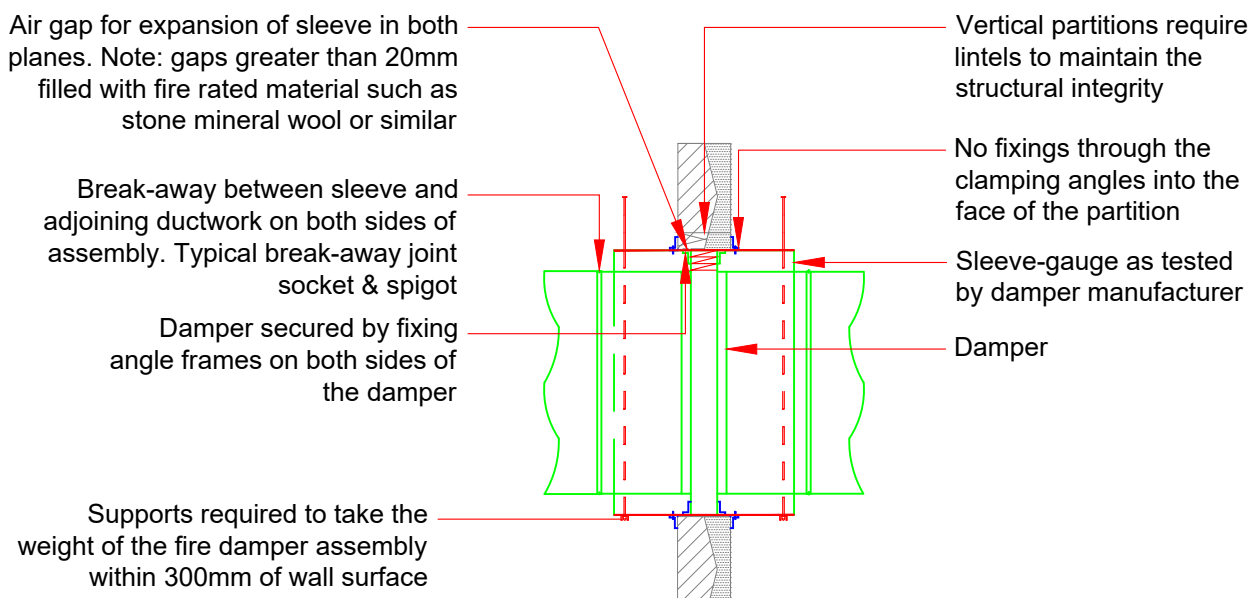
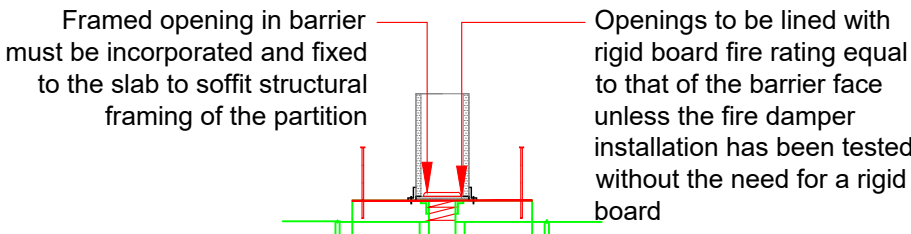
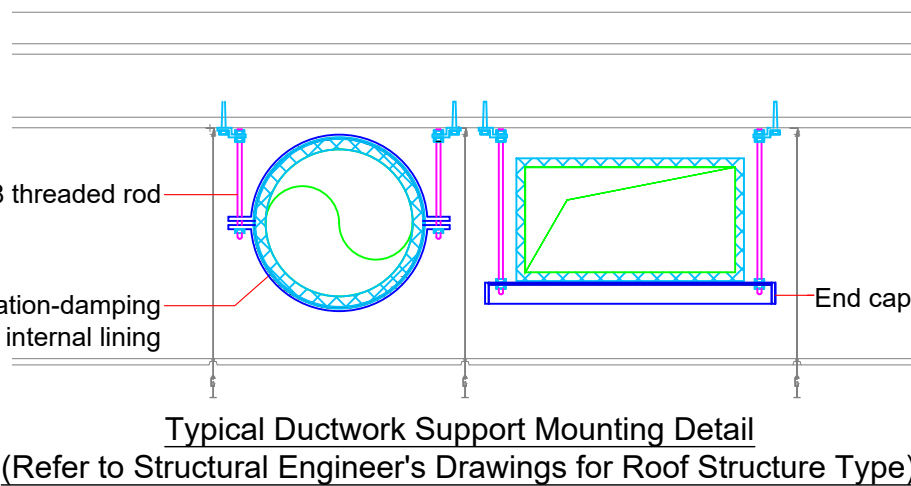
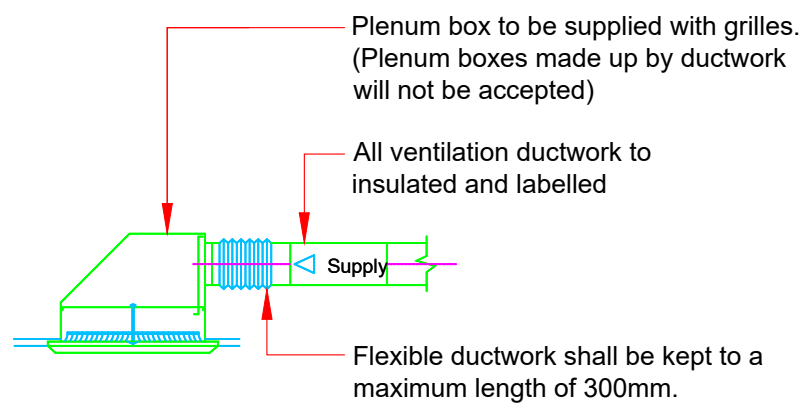
Ventilation Typical Details

Table 18 Duct Identification Colours	
Type	Colours
Conditioned air	Red and blue
Warm air	Yellow
Fresh air	Green
Exhaust/extract/recirculated air	Grey
Foul air	Brown
Dual duct system - Hot air supply	Red
Dual duct system - Cold air supply	Blue



Typical Duct Identification Symbol

Table 25 Access Requirements for Inspection, Serving and Cleaning	
Adjacent In-line Items/Equipment	Level 3
Control damper	Both sides
Fire damper	One side
Heating/Cooling Coils	Both sides
Attenuators (Rec)	Both sides
Attenuators (Circ)	One side
Filter Sections	Both sides
Air turn vanes	Both sides
Changes of direction	One side
In-Duct Fans/Devices	Both sides



Typical Arrangement of a Generic Fire Damper with Blades out of Airstream Suitable For Vertical and Horizontal Fire Barriers With Pre-Formed Openings

- Notes:
- These drawings are indicative only and are only provided to give a general overview of plant locations.
 - Contractor to liaise with mechanical contractor for obtaining full points schedule indicating all plant and associated contracts and detailing plant electrical loads and wiring requirements.
 - Final positions of all plans and controls to be agreed between mechanical and electrical contractors before commencing 1st fix works.
 - The Contractor shall refer to the Architectural and Structural Engineer's drawings, issued with the Main Contractors tender pack, to determine:
 - Form of construction of floor, walls and roof;
 - Ceiling void depths;
 - Floor to ceiling heights;
 - Floor, wall and ceiling finishes.

P02	22/10/26	UPDATED TENDER ISSUE	JV	ML
P01	17/09/26	TENDER ISSUE	ML	ML
REV	DATE	DESCRIPTION	DRAWN	CHECKED

DO NOT SCALE

This drawing is representative only.
To be read in conjunction with Architects drawings.

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PROJECT:

CAVAN INSTITUTE
CATHEDRAL ROAD
DRUMALEE, CO. CAVAN

TITLE:

MECHANICAL TYPICAL DETAILS
SHEET 2 OF 2

DATE: 20/08/2026	DRAWN BY: ML	BSCE JOB NO.: 26-038	STATUS.: D2	REV.: P02
SCALE: NTS	CHECK'D: ML			

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TENDER