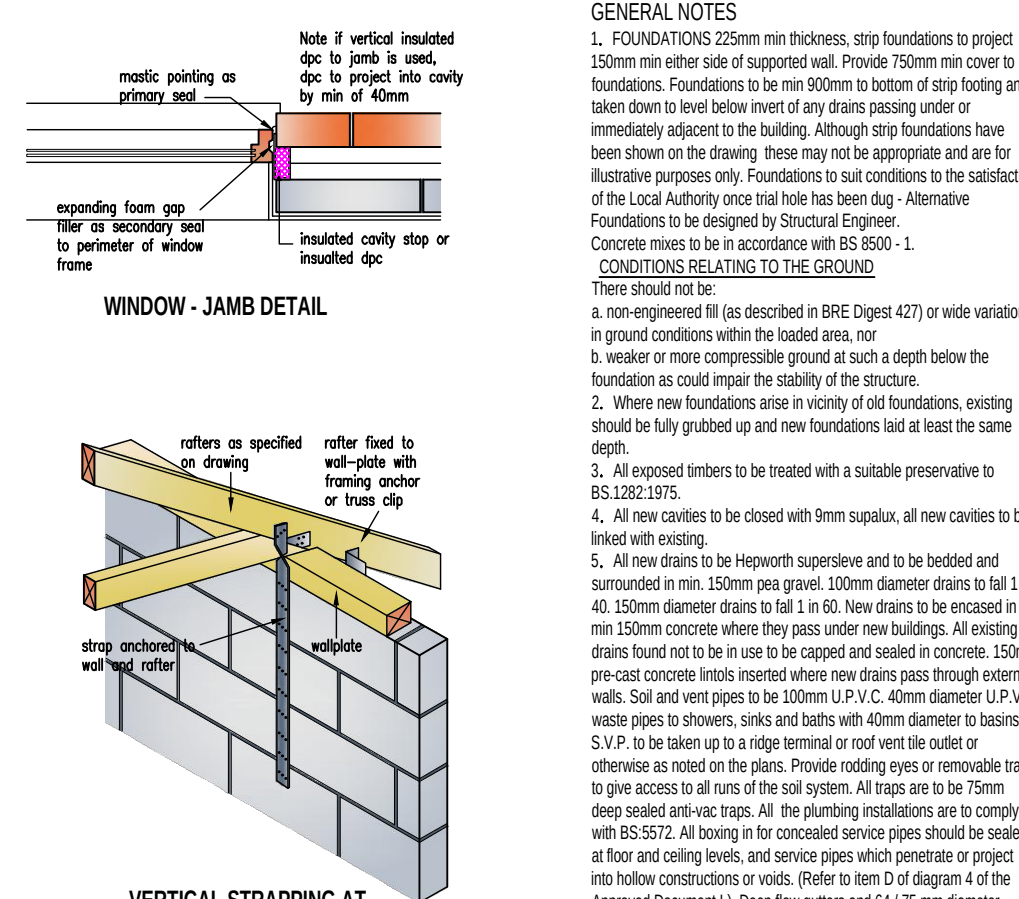
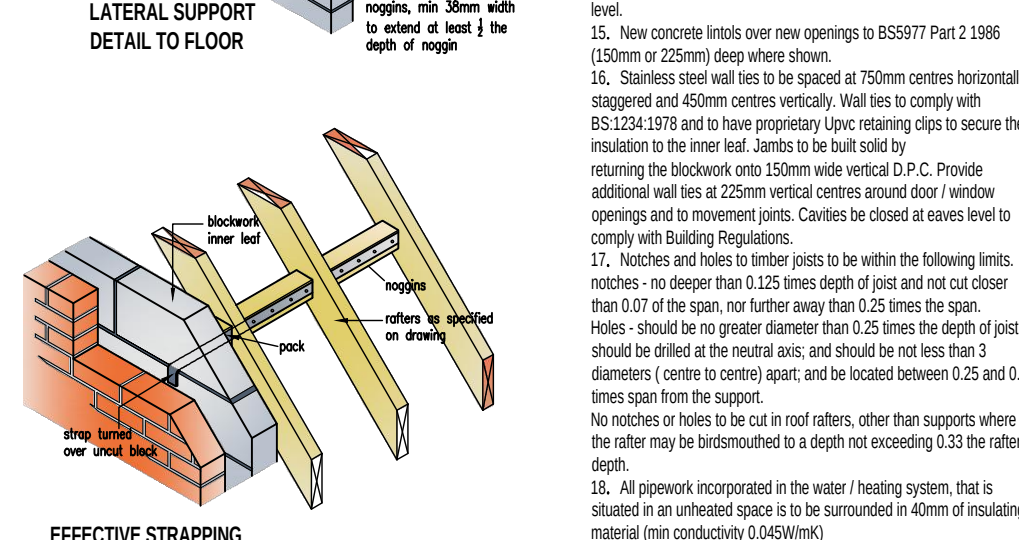


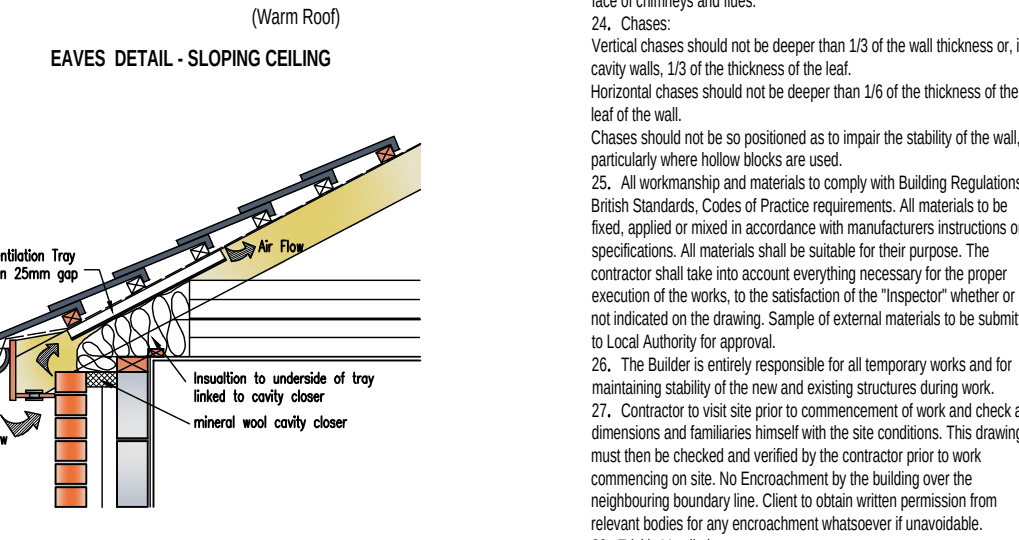
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AT GABLE WALL

- probe into 10mm gap above insulation
- bottom of max. 345mm gauge M6/7.5
- insulation Utefite H5(74)
- 420 x 120mm mortar modern fix
- Mortar fix support for cavity tie (use cable tie) or precast support for security on glass
- masonry nodes clip
- soffit vent strips
- soffit ventilated batten 25mm

Notes:

- All masonry work to comply with BS 8228 P3.
- Clay bricks to BS 923, Engineering bricks to BS 3992.
- Concrete blocks to BS 8773. Manufactured stone complying with BS 54-10.
- Mortar: Selection of mortar used below does p in be accordance with BS 5696 part 1.
- SBS/Pan-e-resisting cement to be used where recommended by brick manufacturer and where substructure are present in the ground.
- DPIV below head as BS 6515; where the membrane is located below the building level the drainage must be protected. The continuity of the membrane as follows:
 - Joist in polyethylene foam to be 300mm and joints sealed, where necessary membranes between slab should be wat airtight d/c's
 - STARSAFE Edge Extrusion Max req 20mm(Edge Extrusion Exs (Min gap req 20mm)) Min-Gap 20mm Tapered inside of 200mm. Minimum drainage steel measured along inside pitch. Max pitch at least 42 degrees. Drainage between 800mm and 1000mm above finish of pitch. No gap in hastrading allowing the passage of 100 mm debris.
 - Panes (if applicable)
 - Flues/blocks to be inserted into inner leaf of external wall in locations shown on plans. Five flues with min. 45 degree (20 degree preferred) offset at base, bedded in cement mortar down to depth of BS 3.1181.1971. All floor and roof timbers will be trimmed 40mm clear from the outer face of the flue.



EAVES DETAIL

28mm thick I40 flooring board.
The eaves must be at least 100mm wide
and use 15 kg/m²

Tin roof plate joints, tie and flashing as specified on drawing

Cable harness
(see drawing)

Single layer of 12.5mm Gypsum Board
Gypsum board must be installed to achieve minimum density of 10 kg/m². Must allow any existing wiring to pass through.

Purpose 16, General Purpose I40 (minimum density 10 kg/m²)
Use the cavity between joists.

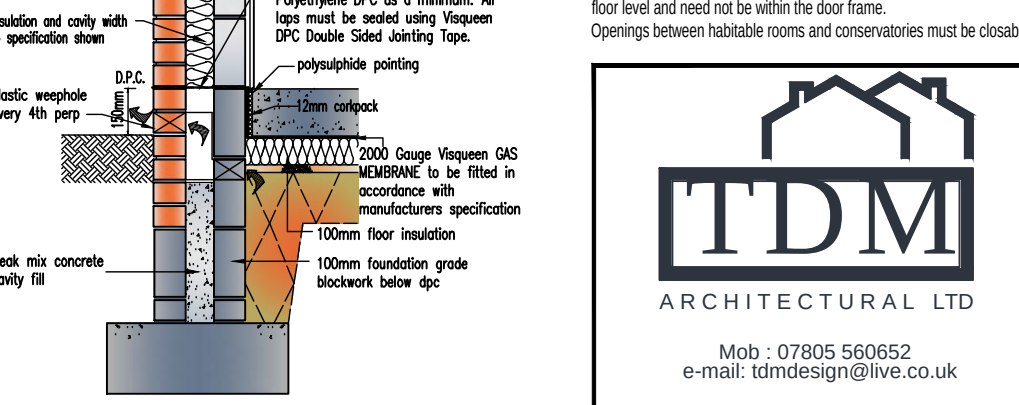
DETAIL SHOWING SOUND INSULATION TO FIRST FLOOR

Continuity of GC MEMBRANE through floor

The membrane must be continuous with a fully jointed area over cavity using 200mm Gauge Vapour Sealant - 100% solid.

200mm Gauge Vapour Sealant - 100% solid

Additional Notes:
Replacement windows, Background ventilators to be provided as follows:
Habitable rooms - 500mm²/equivalent area
Kitchens, Utility room and bathroom - 250mm²/equivalent area
Addition of a habitable room (including a conservatory) in an existing building.
Background ventilators to be provided on new windows as follows:
If an additional room is connected to an existing room that has no window openings to external air, the room can be ventilated through another room or conservatory if background ventilation is provided with sufficient - 900mm²/equivalent area to opening between rooms.
New windows, and Purge Ventilators is provided comprising of 1 m² of openings with min total bar area as follows:
Bedrooms - Ingress or purge windward side or more, or the Height width of the window must be at least 30% of the height of the wall.
For a hinged or purge window that opening less than 30° opening part must be at least 30% of the room floor area.
External doors the height x width of opening part must be at least 30% of the room floor area.
In all cases a combination of at least 1 external door and at least 1 internal window, the opening parts may be achieved to access the external air from the room floor area.
Note: Background ventilation should be located at least 1700mm above the floor level.



FLOOD SLAB DETAIL Client: _____

AL CONSTRUCTION TO BE IN ACCORDANCE WITH ROBUST CONSTRUCTION DETAILS IN ORDER TO ENSURE CONTINUITY OF INSULATION AND TO LIMIT AIR LEAKAGE	Project:	NEW DEVELOPMENT - 1x LARGE COMMERCIAL UNIT
Reference should be made to the revised BS 5250 and "Limiting thermal bridging and air leakage: robust details" and BR 262 "Thermal insulation: avoiding risks."	Dwg Title:	PLANNING PROPOSED PLANS
	Date:	NOVEMBER 23, 2023
	Scale:	@A1: 1 : 100
	Job No:	11.23.658
	Dwg No:	PL04 rev B
	Drawn:	D.L
	Checked:	D.L
ROBUST CONSTRUCTION DETAILS		

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