

Existing slate roof to be stripped back to the structural timbers. Retain and store any good quality Slates or Ridge tiles on site for reusing at a later date.

Contractor to inspect roof timbers and report any timber decay or infestation to the Contract Administrator or Timber Specialist.

Once a replacement is received regarding timber condition and any structural roof alterations are completed, the replacement of the mansard windows, re-roof in new or good quality second hand slates to match existing size and colour, for Moderate exposure conditions, on 50x25mm rnm tusl timber battens set to give minimum headlap as recommended by the Slate Tile Council for the roof pitch.

Underlayment to be Tyvek Protec 160 for use with slate tiles or similar approved, nailed to existing rafters

NB: Current method of roof ventilation to be investigated and adequately confirmed.

To underside of existing 100mm deep timber rafters fix 50x50mm tsw counter battens to underside. Between rafters insert 100mm Isover of similar roof insulation. Beneath fix 78mm thick Gyproc Thermaline PIR insulation board with integral vapour layer upto edge of projecting purlin. 2mm thick Plaster skim finish to board face internally.

1. Remove all dust, dry dirt etc. preferably with a vacuum cleaner and wire brush/rub down as necessary to sufficient standard.

2. Apply 1 coat of timber primer.
3. Apply 1 undercoat.
4. Apply 2 coats of matt finishing coat, any runs to be rubbed down and top coat re-applied.

Fixing sequence at Mansard.

1. Slate lower slope as for standard vertical cladding.
2. Fix a tilting fillet to the upper slope to form an upstand equal to batten thickness.
3. Fix first batten to the upper edge
4. Fix code 6 lead apron flashing over the first batten and tilting fillet and dress down over the heads of the slates below at least 150mm.
5. Slate the upper slope as standard eaves with the bottom edge of the upper slates overhanging the flashing a minimum of 50mm.

Remove existing galvanized steel layer from inside mansard box gutter. Check all supporting timber lining boards and timber frame for any signs of rot or decay. PC span included elsewhere for replacement timbers.

Fix 6mm thick WBP plywood to inside face of parapet brickwork secured with fixings to receive Single Ply membrane upstand to manufacturers details. Lay VCL to plywood and timber linings with Single Ply membrane over taken up edges and secured with full length fixings bar with 5 fixings per metre run. Apply contact adhesive to plywood prior to laying single ply upstand secured with full length fixings and fix metal cover flashing over at head of wall tucked into raked out coping joint.

Remove existing ceiling joists, subject to St.Engs confirmation that these are not providing any structural tie to the roof.

Remove existing suspended ceiling grid and any remaining tiles and light fittings.

1. Remove existing plaster wall finishes back to line of timber supporting frame.
2. Between rafters insert 100mm Isover or similar roof insulation, beneath rafters fix 78mm thick Gyproc Thermaline PIR insulation board with integral vapour layer.
3. 2mm Plaster skim finish to board face internally.

— Remove existing plasterboard lining from existing timber framed wall construction beneath cl. Infill between timber studs with 75mm thick Celotex or similar PIR insulation board. Fix 2 layers of 12.5mm plasterboard inner layer Duplex plasterboard outer layer wallboard to face of existing timber studs with 2mm thick plaster skim coat to wall.
Fix 100mm high x 19mm thick pencil rounded sw painted skirting to inside face of dwarf wall.

— To underside of existing floor joists fix Gypframe RB1 resilient bar at 450mm centres and at perimeter with 2x12.5mm Fireline plasterboard (density 9.8kg/m²) with 2mm plaster skim coat finish to underside to give 60 minutes fire resistance.

Proposed section thro' Mansard Roof

 $1 : 10^5$

Existing slate roof to be stripped back to the structural timbers. Retain and store any good quality slates or Ridge tiles on site for reusing at a later date.

Contractor to inspect roof timbers and report any timber decay or infestation to the Contract Administrator or Timber Specialist.

Once confirmation is received regarding timber condition and any structural roof alterations are completed, the replacement of the inward windows, re-roof in new or good quality second hand slates to match existing size and colour, for Moderate exposure conditions, on 50x25mm rnm tsw timber battens set to give minimum headlap as recommended by the Slate Tile Council for the roof pitch.

Underlayment to be Tyvek Protec 160 for use with slate roofs or similar approved, nailed to existing rafters

NB: Current method of roof ventilation to be investigated and adequately confirmed.

To underside of existing 100mm deep timber rafters fix 50x50mm tsw counter battens to underside.
Between rafters insert 100mm Isover of similar roof insulation. Beneath fix 78mm thick Gyproc Thermaline
PIR insulation board with integral vapour layer upto edge of projecting purlin.
2mm thick Plaster skim finish to board face internally.

1. Remove all dust, dry dirt etc. preferably with a vacuum cleaner and wire brush/rub down as necessary to sufficient standard.

2. Apply 1 coat of timber primer.
3. Apply 1 undercoat.
4. Apply 2 coats of matt finishing coat, any runs to be rubbed down and top coat re-applied.

Fixing sequence at Mansard.

1. Slate lower slope as for standard vertical cladding.
2. Fix a tilting fillet to the upper slope to form an upstand equal to batten thickness.
3. Fix first batten to the upper edge
4. Fix code 6 lead apron flashing over the first batten and tilting fillet and dress down over the heads of the slates below at least 150mm.
5. Slate the upper slope as standard eaves with the bottom edge of the upper slates overhanging the flashing a minimum of 50mm.

New double glazed window units in existing trimmed out openings between mansard rafters

Remove existing galeralised felt layer from inside mansard box gutter. Check all supporting timber lining boards and timber frame for any signs of rot or decay. PC sum included elsewhere for replacement timbers. Fix 6mm thick WBP plywood to inside face of parapet brickwork secured with fixings to receive Single Ply membrane upstand to manufacturers details. Lay VCL to plywood and timber linings with Single Ply membrane over taken up edges and secured with full length fixings bar with 5 fixings per metre run. Apply contact adhesive to plywood prior to laying single ply upstand secured with full length fixings and fix metal cover flashing over at head of wall tucked into raked out coping joint.

Remove existing ceiling joists, subject to St.Engs confirmation that these are not providing any structural tie to the roof.

Remove existing suspended ceiling grid and any remaining tiles and light fittings.

- Underside of sloping solid mansard wall,
 1. Remove existing plaster wall finishes back to line of timber supporting frame.

2. Between rafters insert 100mm Isover or similar roof insulation, beneath rafters fix 78mm thick Gyproc Thermaline PIR insulation board with integral vapour layer.
3. 2mm Plaster skim finish to board face internally.

- Remove existing plasterboard lining from existing timber framed wall construction beneath cill. Infill between timber studs with 75mm thick Celotex or similar PIR insulation board.
- Fix 2 layers of 12.5mm plasterboard inner layer Duplex plasterboard outer layer wallboard to face of existing timber studs with 2mm thick plaster skim coat to wall.
- Fix 100mm high x 19mm thick pencil rounded sw painted skirting to inside face of dwarf wall.

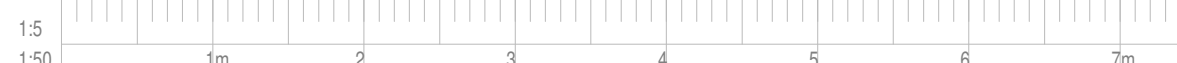
— To underside of existing floor joists fix Gypframe RB1 resilient bar at 450mm centres and at perimeter with 2 x 12.5mm Fireline plasterboard (density 9.8kg/m²) with 2mm plaster skim coat finish to underside to give 60 minutes fire resistance.

Proposed section thro' Window Mansard Roof

 $1 : 10$

KEY

Extent of works carried out under previous approval



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C	02.09.21	CP	Reissued for Planning	DL
B	09.06.21	ADS	Drawing updated and Key added to indicate the extent of works excluded from the Phase 1 Tender	DL
A	19.08.19	CP	Updated for Tender	DL

PROJECT	Princess House, 105-107 Princess Street Manchester
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CLIENT
Lapwine Ltd

DRAWING

Proposed Roof Mansard Details - Sheet 2

SCALE	SHEET SIZE	DRAWN	CHECKED	DATE
As indicated	@ A1	CP	DL	16.7.2019

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JOB No 18-094	DRAWING No 6501	REVISION C
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PLANNING