

PROPOSED FLAT ROOF CONSTRUCTION FALL 1:40

Proposed warm roof construction with a minimum fall of 1:40 pitch of 1.44 degrees comprising of 15.5mm plasterboard and skim finish, joists at 200mm x 50mm C24 @ 350 centres with fittings, 18mm slope plywood decking, with 40mm Kingspan Thermorol 1927, 5mm Bituminous Vapour control layer (VCL), 1.5mm Firecoat EPDM with factory applied tape (FAT) bonded water based adhesive applied on the deck and underside of membrane and a 12mm spa solar reflective chippings to achieve an designated fire rating for surface spread of flame based on Substrated Firecoat EPDM with FAT to achieve a 'U' value minimum 0.18W/m.sq.K

100x50mm saw beamer bolt fixed to face of wall at top and 100x50mm continuous saw plate at bottom wall plate row bolted to top of internal leaf secured using 30x5mm galvanised m.s holding down straps 1000mm long at maximum 1.2m centres (refer to manufacturers NBS specification). Every alternate joint to have 1000 x 30 x 5 galvanised mild steel restraining straps bolted to inner leaf.

All roof members to be secured using proprietary anchors, clips and fittings all in accordance with specialist recommendations with 12.5mm plasterboard and skim underside with 1000 grade damp proof membrane between plasterboards.

CEILING

Ceiling to comprise 15.5mm plasterboard and skim finish secured to u/a 75x200mm s.s (C24) ceiling joists at 400mm centres. Form overhanging eaves using proprietary UPVC components eaves to eaves ventilation provided through soffit comprising continuous 10mm wide soot using proprietary soffit vents.

Proprietary abutment ventilation system at high level to give minimum 5000mm sq. opening per metre (5mm continuous ventilation all round). Code 4 lead flashing to be used at joint correctly lapped/stepped and re-applied. DPM to be provided, if required, to prevent downward damp penetration.

ROOF DRAINAGE

Morley classic Ogee style UPVC block Ref:R0254W 116mm x 25mm deep guttering fixed at appropriate centres to 200mm x 38mm treated UPVC fascia board and baffle. Morley Rainwater pipes to be 100mm dia or equally approved UPVC discharging directly to a proprietary back inlet gully and connected into existing below ground drainage.

Note: for all lead details/finings etc reference to be made to the 'Lead Sheet in Buildings - A Guide to Good Practice' (Lead Development Association)

Proposed 1no. roof lantern (style A) 750mm x 1750mm for roof pitch between 2-15°

Proposed flat roof construction parapet wall and a fall of 1:14 and 10° slope

Block up existing window and make good

Stone boundary wall/pillar to remain

Keep existing timber windows as existing

Proposed 1no. roof lantern (style A) 750mm x 1750mm for roof pitch between 2-15°

Replace existing Perspex as double glazed timber units to match existing with E glazing or similar approved

Proposed 300 x 300mm narrow stone pillar internal with 300 x 215mm concrete padstones on top with steel RSJ / beam to SE design and load calculations



PROPOSED SIDE ELEVATION
SCALE 1:50 @ A1

DL133 -Parapet Flat Roof Drainage with Aluminum Outlet and Hopper Parapet Flat Roof Drainage with Aluminum two way Outlet and Hopper. Typical aluminum roof drainage on a single ply flat roof with a masonry external wall and parapet shown.

New stone or reclaimed coursing to match existing

New 60mm U-PVC rainwater pipe to match existing

Proposed 300 x 300mm narrow stone pillar internal with 300 x 215mm concrete pad-stones on top with steel RSJ / beam to SE design and load calculations



PROPOSED REAR ELEVATION
SCALE 1:50 @ A1

General Notes

CONSTRUCTION (DESIGN & MANAGEMENT)

REGULATIONS 2015

Design and Management are carried out through the design stages of this project in accordance with the Building Regulations 2015. The design and construction must comply with the Building Regulations 2015. The design and construction must comply with the Building Regulations 2015. The design and construction must comply with the Building Regulations 2015.

- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.
- The drawings are to be used for construction only and are not to be used for any other purpose.

PLANNING

No.	Revision/Issue	Date

Client: Mrs Melinda Horvath

Project Name and Address:
Proposed external and internal alterations to existing grade II listed property at No.428 Spen Lane, Gomersal, Cleckheaton, BD19 4LS

Project	4281	Sheet	
Date	24.06.2024		P06
Scale	As Noted		