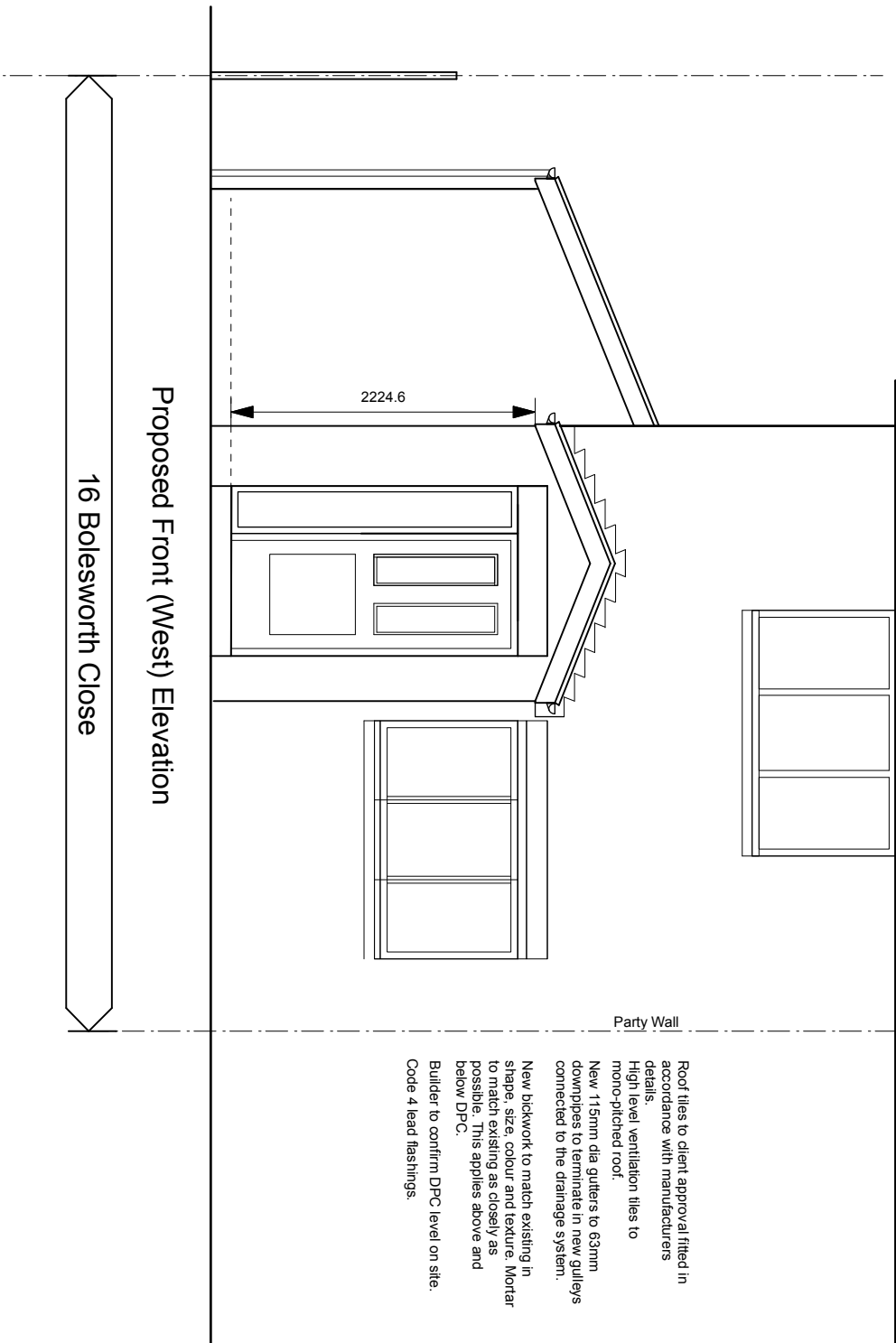


[illegible]

SMOKE DETECTION

Mains operated linked smoke alarm detection system to BS 5446-1:2000 and BS 5839-6:2004 to at least a Grade D category LD3 standard and to be mains powered with battery back up. Smoke alarms should be sited so there is a smoke alarm in the circulation space on all levels, above and within 7.5m of the door to every habitable room, if ceiling mounted they should be 300mm from the walls and light fittings. Where the kitchen area is not separated from the stairway or circulation space by a door, there should be an interlinked heat detector in the kitchen.

DPC

Horizontal strip polymer (hyload) damp proof course to both leafs min. 150mm above ground level. New dpc to be made continuous with existing dpc and with floor dpm. Vertical dpc to be installed at all reveals where cavity is closed.

LEAD WORK AND FLASHINGS

All lead fittings any valleys or soakers to the Code 4 lead and lead according to Lead Development Association. Flashing to be provided to all jambs and below window openings with welded upstands. Joints to be lapped min 150mm and lead to be dressed 200mm under lies, etc. All work to be undertaken according to Lead Association recommendations

UNDERGROUND DRAINAGE

Underground drainage to be consist of 100mm dia. u.pvc proprietary pipe work to give 1:40 fall. Surround pipes in 400mm pea shingle (900mm under drives). Shallow pipes to be covered with 100mm reinforced concrete slab over compressible materials. Provide rodding access at all changes of direction and junctions. All below ground drainage to comply with BS 7158 and BS 801

INSPECTION CHAMBERS

Underground quality proprietary urovic 450mm dia. inspection chamber to be provided at all changes of direction, level, connections and every 45m in straight runs. Inspection chamber to have a bolt down double sealed covers in buildings and be adequate for vehicle loads in driveways.

PIPEWORK THROUGH WALLS

Where new pipework passes through external walls form rocker joints either side wall face of max length 600mm with flexible joints with short lengths of pipe bedded in wall.

joints with short lengths of pipe bedded in wall.

Alternatively provide 75mm deep pre-cast concrete plank lintels over drain to form opening in wall to give 50mm space all around pipe; mask openings both sides with rigid sheet material and compressible sealant to prevent entry of fill from vermin.

NEW AND REPLACEMENT DOORS

New and replacement doors to achieve a U-value of 1.40W/m²K
Glazed areas to be double glazed with 16mm argon filled gap
and soft low-E glass. Glass to be toughened or laminated safety
glass to BS 6206 and Part N of the current building regulations.

ROOFLIGHTS

Mini U-vara of 1.4W/m²K. Rooflights to be double glazed with 16mm argon filled gap and soft low-E glass. Window energy rating to be B and C or better. Rooflights to be fitted in accordance with manufacturers instructions with rafters doubled up all around and suitable flashing etc.

GLAZING

All safety glazing to conform with BS 6206-1981.
Where glazing has been specified on plans, flat safety glass will be fitted in the following areas.

- (1) in walls between finished floor level and 800mm vertical height
- (2) in doors between finished floor level and and 1500mm vertical height,
- (3) within 300mm either side of a door, between finished floor level and 1500mm vertical height.

rev	description	Date	By	Date:
A	Structural design updated	15/04/21	SPL	March 2021
B	Notes amended	06/05/21	SPL	

Drawing No:

Projects:

16 Bolesworth Close
Manchester M21 9BE
20112/D/05-B

Drawing:

Proposed Elevation

SCALE 1:50

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