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BROADMAYNE FIRST SCHOOL

2433/002

Roger Locke Consulting
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Timber frame Construction to BS5268-6.1

Elevation Walls

Minimum 47x97 C16 timber studs at max 410 centres

Double studs at window and door reveals.

Provide 47x97 C16 noggins at max 800 centres.

Provide 47x97xC16 sole and head plates.

**NB : 2 courses of brickwork & 10mm ss studding to fix sole plate
- see drawings**

Provide 2/47x97 C16 timbers over openings bearing on one stud.

One Side (Internally) - 9.5mm plywood or 9.0mm OSB (type OSB3 or OSB4)

3.00mm diameter wire nails at least 50mm long at maximum spacing 150mm on perimeter and 300mm internal.

Other Side – cladding to specialist details

Internal Walls (between boiler plant room and store room)

Minimum 47x97 C16 timber studs at max 410 centres.

Provide 47x97 C16 noggins at max 800 centres.

Provide 47x97 sole and head plates.

Sole plates to be fixed to floor with 5mm diameter screws, 150 long, at 150 c/c.

Both sides - 9.5mm plywood or 9.0 OSB (OSB3 or OSB4) 3.00 diameter wire nails at least 50mm long at maximum spacing 150mm on perimeter and 300mm internally.

Joints Stud to Stud, corners or T Junctions.

Connect studs at corners and T junctions with 5mm diameter screws 100 mm min long (head distance and point distance each min 50mm) at 150 centres.