



TYPICAL WALL DETAIL (1:5)

SPECIFICATION

EXTERNAL WALLS (U-VALUE TO BE ACHIEVED= 0.16W/m²K):

- MIN 150MM HIGH FACING BRICK BASECOURSE WITH A FURTHER MINIMUM OF 150MM BELOW GROUND LEVEL.
- 100MM DENSE CONCRETE BLOCKWORK WITH 20MM DRY DASH RENDER.
- 50MM VENTILATED AIR CAVITY
- PROTECT TF200 THERMO BREATHER MEMBRANE LAPPED AND FASTENED TO MANUFACTURERS RECOMENDATIONS.
- 9.5MM EXTERNAL GRADE SHEATHING TO OUTER FACE OF FRAME
- 140MM (NOM.) C16 TIMBER FRAME INNER LEAF INFILLED WITH 140MM SUPERGLASS TIMBER AND LOFT ROLL 35. NB: FINAL STRUCTURAL TIMBER KIT DETAILS TO BE FINALISED WITH SPECIALIST MANUFACTURER PRIOR TO CONSTRUCTION. DWANGS TO BE PROVIDED AT ALL FIXING POINTS FOR RADIATORS, KITCHEN FITTINGS, AND SANITARYWARE.
- 52.5MM CELOTEX PL4040 INSULATED PLASTERBOARD TO INNER FACE, TAPED AND FILLED, READY FOR PAINT FINISH. BOARDS TO BE TIGHTLY BUTTED (AS PER MANUFACTURERS INSTRUCTIONS) TO CREATE VAPOUR CONTROL LAYER IN THE FOIL BACKING OF THE PLASTERBOARD.
- CAVITY BARRIERS/FIRESTOPS TO BE 50MM TIMBER BATTEN WRAPPED AND PROTECTED WITH POLYTHENE DPC.
- 10 X 65 PERPEND VENTS FITTED AT 1200MM MAX CTRS AT HIGH AND LOW LEVELS , CAVITY INFILLED TO GROUND LEVEL WITH WEAK CONCRETE MIX, STAINLESS STEEL WALL TIES FITTED AT 600MM CTRS HORIZONTALLY AND 450MM CENTRES VERTICALLY, DPC TO BE FITTED TO ALL RISING BRICKWORK AT MIN 150MM ABOVE FINISHED GROUND LEVEL.
- MOVEMENT JOINTES GENERALLY TO BE NO GREATER THAN 6M APART, AND NO MORE THAN 4M FROM CORNERS (SUPERSEDED BY STRUCTURAL ENGINEERS SPECIFICATION).



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Client

Project

Title
**ELECTRICAL SERVICES
 CABLE ROUTING QUERY
 SELECT**

Drawn	Checked	Date	Scale
R.W	A.F	Sept 12	1:5

Drawing Number	Revision
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