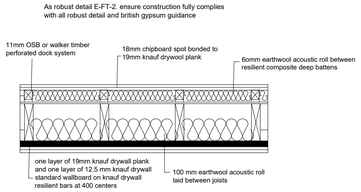
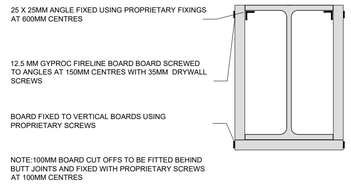
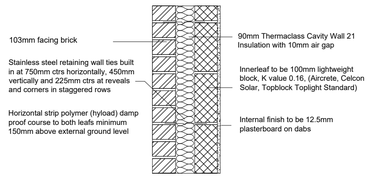


SOLID JOISTS TIMBER FLOOR



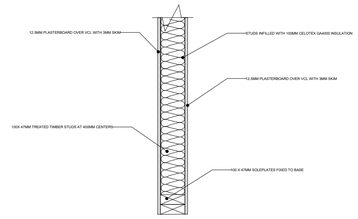
FIRE PROTECTION OF STEEL BEAM

(GYPROC FIRE BOARD - AS SECTION 6 :2012 OF MANUFACTURER'S DETAILS)



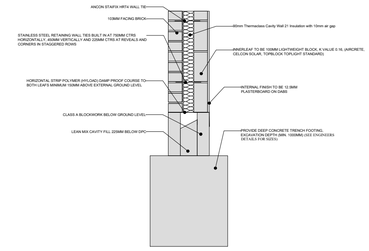
FULL FILL CAVITY WALL

U-value 0.18 W/m^{2}k



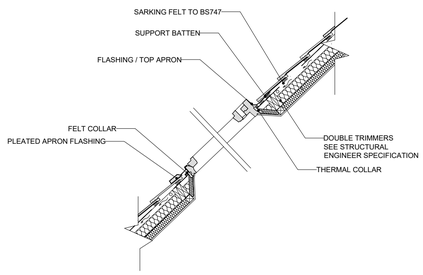
STUD WALL

U-value 0.18 W/m^{2}k



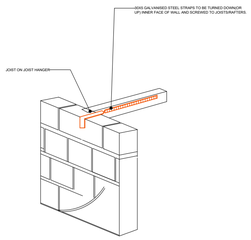
FULL FILL CAVITY WALL FOOTING

U-value 0.18 W/m^{2}k

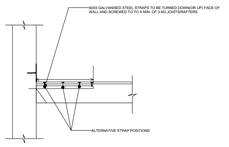


ROOFLIGHT (SECTION)

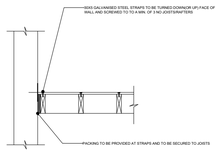
ROOFLIGHT INSTALLED IN ACCORDANCE WITH MANUFACTURES DETAILS AND PROVIDE DRAINAGE GUTTER AS REQUIRED BY MANUFACTURE



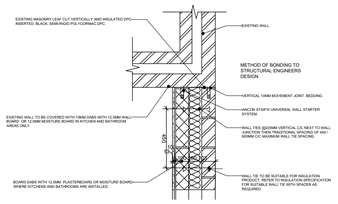
STRAP DETAIL FOR WALL



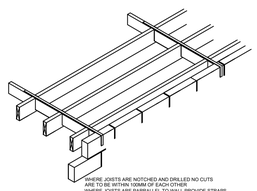
JOIST PERPENDICULAR TO WALL



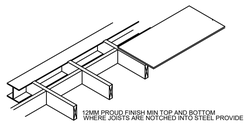
JOIST PARALLEL TO WALL



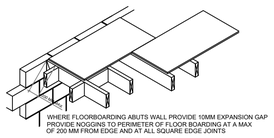
EXISTING - NEW WALL CONNECTION



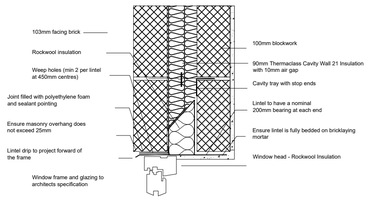
RESTRAINT STRAPPING - NHBC 6.4 - S10



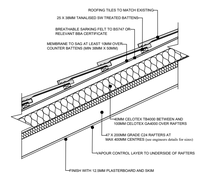
STEELWORK - NHBC 6.4 - S8



CHIPBOARD FLOORING -NHBC 6.4 - S18



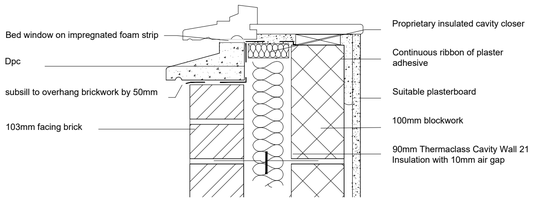
WINDOW HEAD AND LINTEL



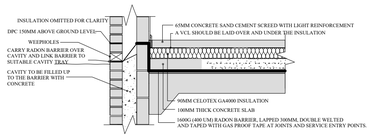
WARM PITCHED ROOF

U-value 0.15 W/m²K

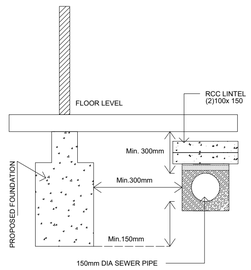
WINDOW SILL



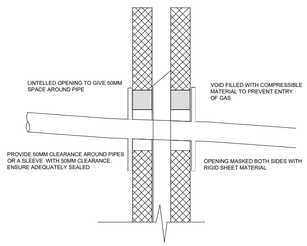
SILL DETAIL



SOLID GROUND FLOOR WITH BASIC RADON PROTECTION
U-value 0.18 W/m²K
P/A Ratio 0.5



FOUNDATION DETAILS AND PIPEWORK PROTECTION



PIPES PASSING THROUGH WALL

CHINAR ARCHITECTS AND ENGINEERS
Email:
contact@chinarengineers.co.uk
Website: chinarengineers.co.uk

Project Name
Rear extension and garage conversion

Project location
The Cherries Wyndham lane Allington
Wiltshire SP4 0BY

Project number	5425	09	
Date	12/12/2025		
Drawn by	Ar.nadia		
Checked by	Engr. Naveed	Scale	1 : 50

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