

FLAT ROOF - PROPOSED WORKS

REMOVE EXISTING ASPHALT / FELT ROOF COVERING AND ALL MECHANICAL PLANT.

THE CONDITION OF ALL THE EXISTING FLAT ROOF AREAS ARE TO BE INSPECTED FOR SUITABILITY AND CONDITION. TO BE REPAIRED / REPLACED WHERE NECESSARY.

ANY NEW FLAT ROOF SURFACE TO BE LAID TO A MIN. 180 FALL TOWARDS RAINWATER OUTLETS VIA THE SHORTEST ROUTE.

TO COMPLY WITH PART L OF THE BUILDING REGULATIONS THE ALTERATIONS TO THE RETAINED ROOF REQUIRES A THERMAL UPGRADE TO MEET A MINIMUM U-VALUE OF 0.16 W/M2K.

PROPOSED FLAT ROOF UPGRADE -

ABOVE JOISTS:  
PROVIDE 8 INSTALL NEW TREATED SW TIMBER FIRTINGS, MIN 50MM THICK AND TAPERED TO CREATE 1 IN 80 MIN. ROOF FALLS IN THE DIRECTIONS INDICATED, TOWARDS THE EXISTING GUTTERS.

PROVIDE 8 INSTALL NEW 18MM THICK WBP PLYWOOD DECK OVER THE FIRTINGS.

140MM THICK BAUDER PIR FA-TE FLATBOARD INSULATION (OR EQUIV.), FOIL-FACED BOTH SIDES, LAID OVER A BITUMINOUS VAPOUR CONTROL LAYER, TO FORM A 'WARM' UNVENTILATED ROOF CONSTRUCTION.

U-VALUE = 0.15 W/M2K (FROM MANUFACTURER'S DOCUMENTATION).

BAUDER THERMOFOL U15 FR SINGLE PLY PVC MEMBRANE SYSTEM (OR EQUAL AND APPROVED), INSTALLED STRICTLY TO MANUFACTURER'S INSTRUCTIONS.

FOR SURFACE SPREAD OF FLAME, THE BAUDER MEMBRANE ACHIEVES EUROPEAN CLASS 'B ROOF (T4)' IE, 'UNRESTRICTED' AND CAN BE USED ANYWHERE IN RELATION TO BOUNDARY.

BELOW JOISTS:  
PROVIDE 8 INSTALL A NEW 12.5MM VAPOUR CHECK PLASTERBOARD LINING TO THE COMPLETE UNDERSIDE OF THE EXISTING (OR REPLACED) FLAT ROOF JOISTS.

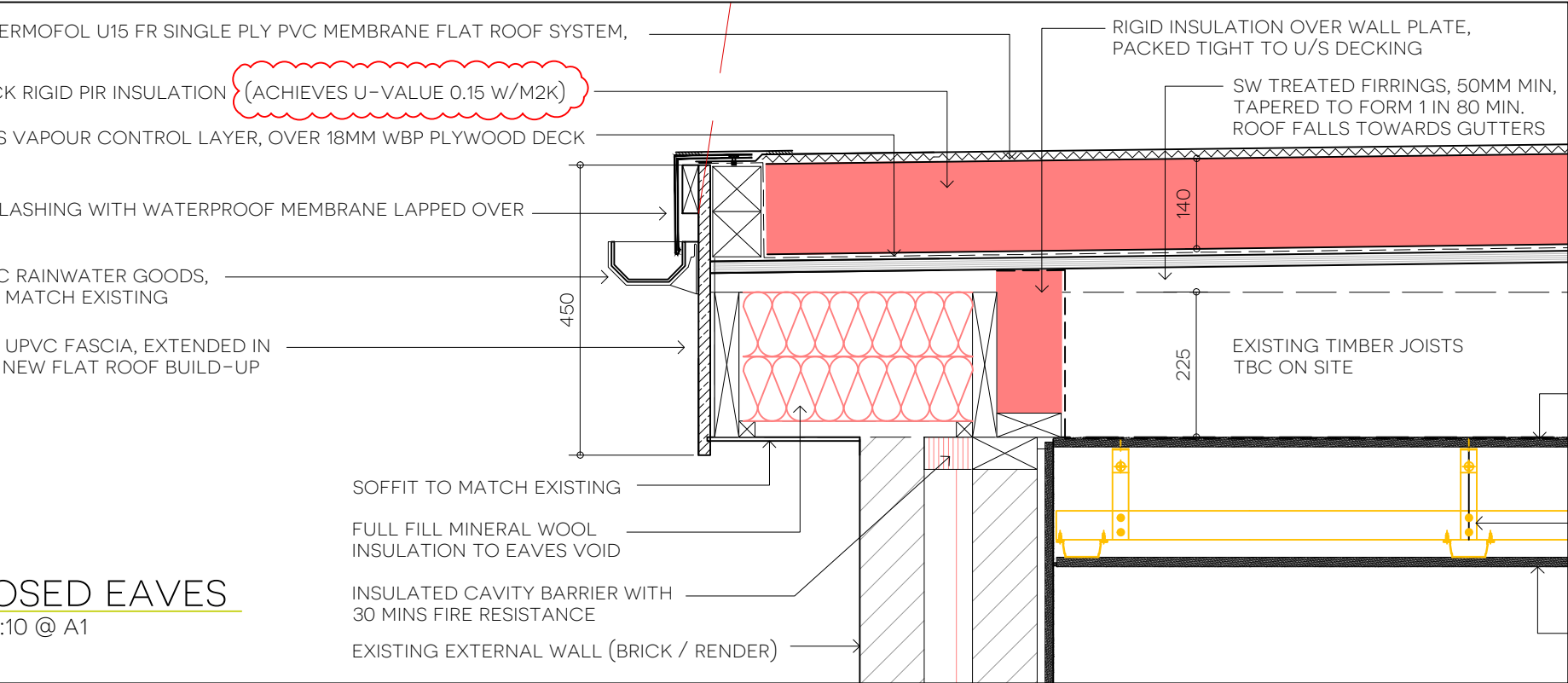
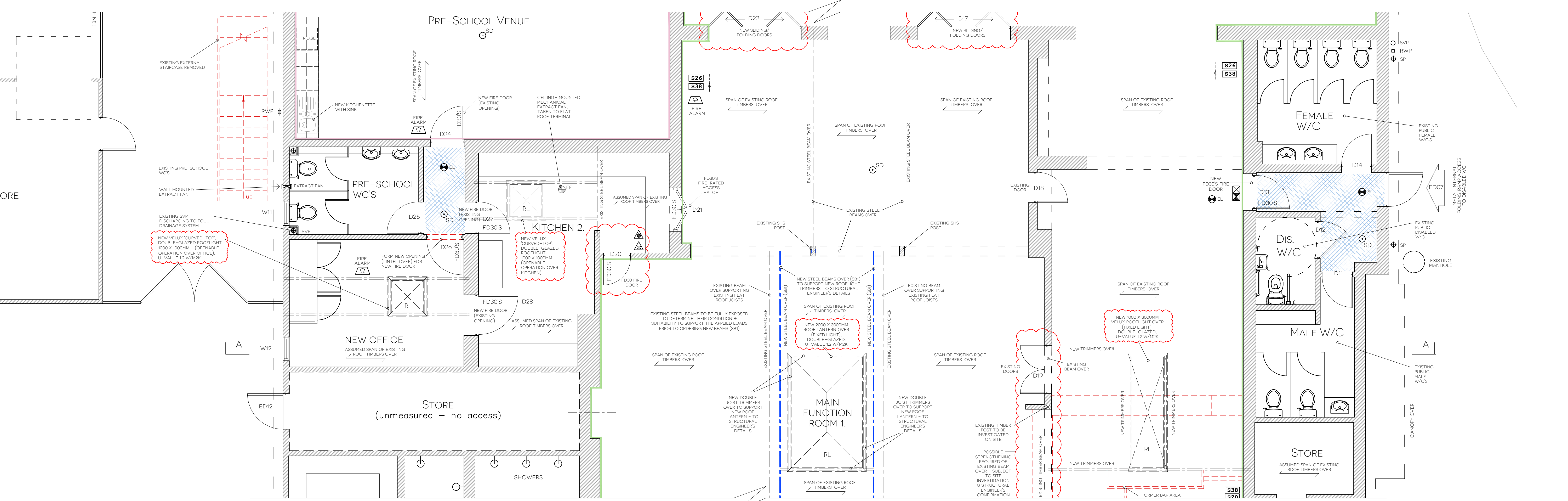
TIMBER ROOF JOIST SIZES/ SPACINGS TO BE VERIFIED BY THE STRUCTURAL ENGINEER.

SUSPENDED CEILINGS TO BE FORMED WITH BRITISH GYPSUM RESILIENT HANGERS TO MANUFACTURER'S RECOMMENDATIONS.

600X600MM CEILING TILE FINISH (GRID SYSTEM).

1:50  
METRES 0 5

PROPOSED SECTION A-A  
SCALE: 1:50 @ A1



NEW FLAT ROOF COVERINGS -  
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SINGLE PLY ROOFING ASSOCIATION DESIGN GUIDE, IN STRICT ACCORDANCE WITH THE MANUFACTURER'S TECHNICAL MANUAL, AND WHERE RELEVANT BS 8217:1994 CODE OF PRACTICE FOR BUILT-UP FELT ROOFING AND BS 6229: CODE OF PRACTICE FOR FLAT ROOFS WITH CONTINUOUSLY SUPPORTED COVERINGS.

PLYWOOD DECKING LAID TO MINIMUM 1 IN 80 FALL TO DRAINAGE OUTLETS CERTIFICATED TO CONFORM WITH BS 5268:PART 2: 2002 STRUCTURAL USE OF TIMBER CODE OF PRACTICE FOR PERMISSIBLE STRESS DESIGN, MATERIALS AND WORKMANSHIP AND BS EN636: PLYWOOD SPECIFICATIONS - SERVICE CLASS 3, EXTERIOR CONDITIONS. THE DECK TO BE SECURELY FASTENED TO THE SUBSTRUCTURE USING SCREWS OR GALVANISED ANNULAR RING SHANKED NAILS.

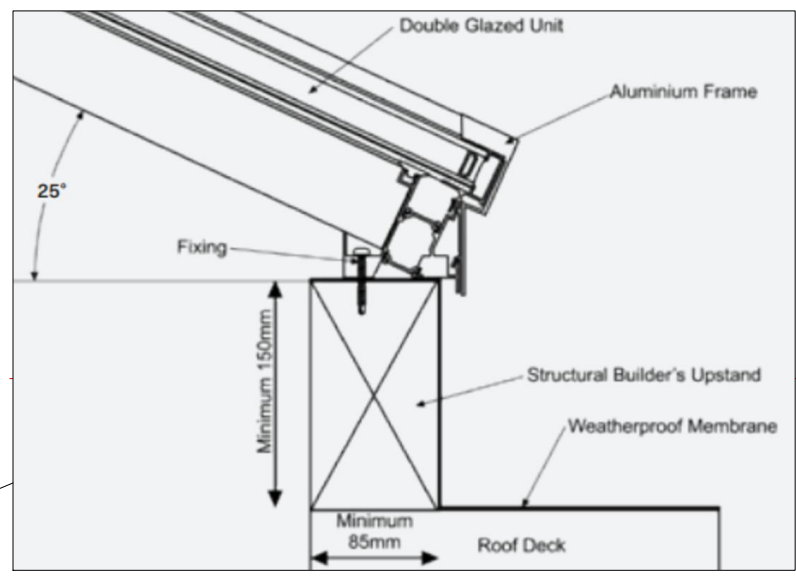
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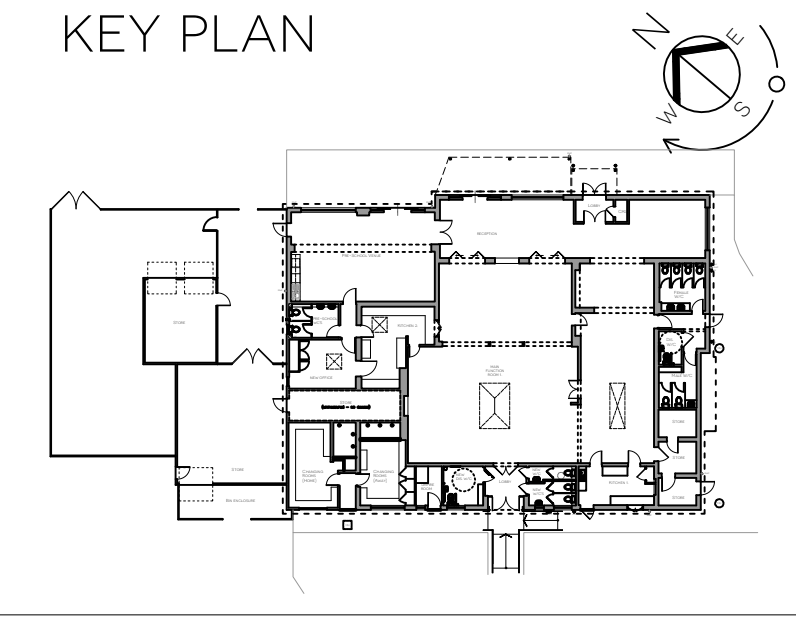
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REFURBISHMENT U-VALUES - PART L, JUNE 2022

RETAINED	FLOORS	0.25 W/M2K
RETAINED	CAVITY WALLS	0.55 W/M2K
RETAINED	SOLID WALLS	0.30 W/M2K
RETAINED	FLAT ROOF	0.16 W/M2K
NEW	WINDOWS / DOORS	1.40 W/M2K
NEW	ROOFLIGHTS	2.20 W/M2K (WAS 1.60 W/M2K)



B	ROOFLIGHTS UPDATED: FLAT ROOF U-VALUE 8 SURFACE SPREAD OF FLAME NOTE.	PJR	20 AUG 24
B	ACOUSTIC INSULATION IN SUSPENDED CEILING VOID OMITTED.		
A	SINGLE LANTERN ROOFLIGHT OVER MAIN FUNCTION ROOM.	PJR	17 JULY 24
A	CO-ORDINATED WITH STRUCTURAL ENGINEER'S DETAILS		
REV	AMENDMENT	BY	CHECK / DATE

WD - 1703 - 207 B  
WORKING DRAWING

TITLE: PROPOSED SECTION A-A. COMMUNITY HUB,  
PROJECT: 275 CHRISTCHURCH ROAD, WEST PARLEY, BH22 8SQ  
CLIENT: WEST PARLEY PARISH COUNCIL  
SCALE: 1:50 @ A1 DATE: MAR 2024 DRAWN BY: PJR



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