DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.
VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECTS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTS SPECIFICATION.
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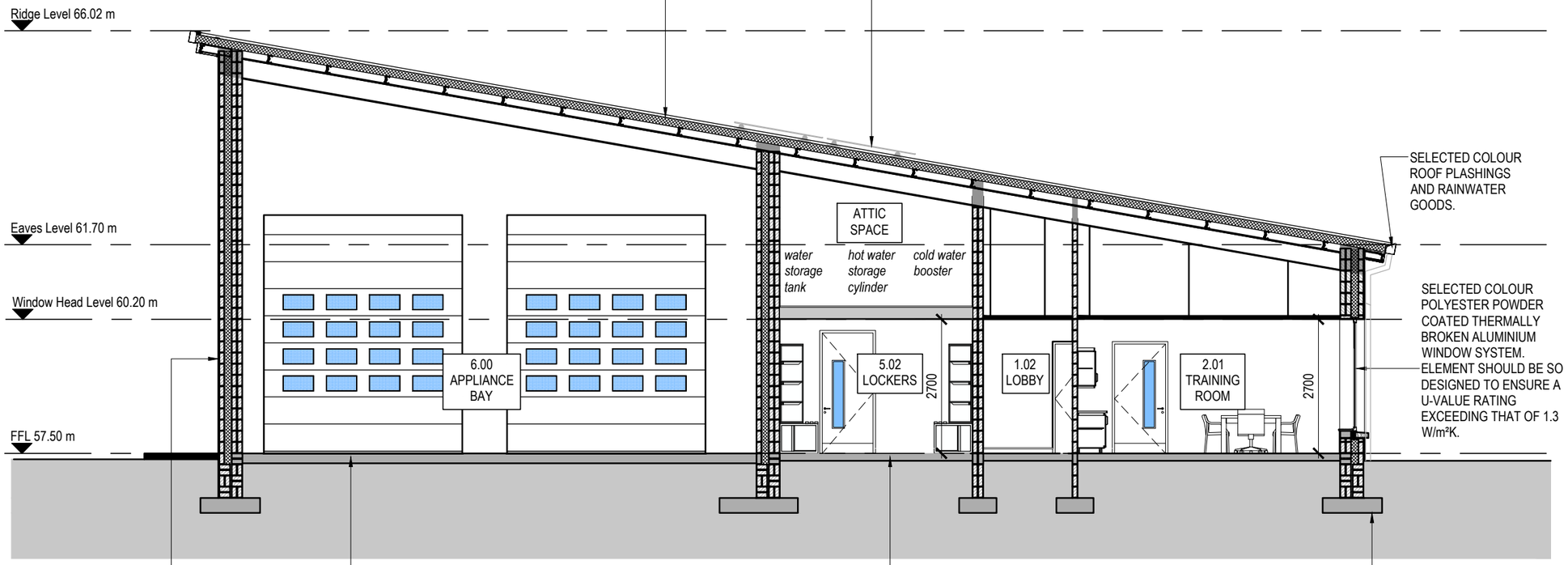
NOTES

SELECTED COLOUR 147mm INSULATED METAL STANDING SEAM ROOF PANEL SYSTEM ON MULTIBEAM DOUBLE SPAN PURLINS @ 1200mm C/C ON STRUCTURAL STEEL BEAMS TO ENGINEER'S SPECIFICATION. ELEMENT SHOULD BE SO DESIGNED TO ENSURE A U-VALUE RATING EXCEEDING THAT OF 0.15 W/m²K.

P.V. PANELS TO BE SPECIFIED BY MECHANICAL ENGINEER



SELECTED COLOUR ROOF PLASHINGS AND RAINWATER GOODS.

SELECTED COLOUR POLYESTER POWDER COATED THERMALLY BROKEN ALUMINIUM WINDOW SYSTEM. ELEMENT SHOULD BE SO DESIGNED TO ENSURE A U-VALUE RATING EXCEEDING THAT OF 1.3 W/m²K.

465mm THICK WALL CONSTRUCTION CONSISTING OF PAINTED NAP PLASTER FINISH ON UNDERCOAT ON 100mm CONCRETE BLOCK EXTERNAL LEAF WITH 150mm THICK PIR FULL FILL CAVITY WALL INSULATION, WITH 215mm COLLAR JOINTED FAIR FACED CONCRETE BLOCK INTERNAL LEAF PAINTED SELECT COLOUR. ELEMENT SHOULD BE SO DESIGNED TO ENSURE A U-VALUE RATING EXCEEDING THAT OF 0.14 W/m²K.

APPLIANCE FLOOR CONSTRUCTION: 200mm MIN. REINFORCED CONCRETE FLOOR SLAB TO ENGINEER'S SPECIFICATION ON MINIMUM 165mm CFC/HCFC FREE PIR CORE BETWEEN GAS TIGHT FACINGS RIGID INSULATION (INCLUDING 25mm PERIMETER STRIP INSULATION). DESIGNED TO ENSURE A U-VALUE RATING EXCEEDING THAT OF 0.11 W/m²K ON N/50mm STRENGTH RADON MEMBRANE N 50mm OF T3 SAND BLINDING ON 200mm OF T2 PERM UNBOUND GRANULAR FILL (CRUSHED STONE) ON 100mm MIN. OF T1 STRUC UNBOUND GRANULAR FILL (CRUSHED STONE) TO FORMATION LEVEL, ALL TO S.R.21 2014 + A1: 2016 ANNEX E.

FLOOR CONSTRUCTION: 150mm REINFORCED CONCRETE FLOOR SLAB TO ENGINEER'S SPECIFICATION ON MINIMUM 165mm CFC/HCFC FREE PIR CORE BETWEEN GAS TIGHT FACINGS RIGID INSULATION (INCLUDING 25mm PERIMETER STRIP INSULATION). LAMBDA VALUE OF 0.022 W/mK. DESIGNED TO ENSURE A U-VALUE RATING EXCEEDING THAT OF 0.11 W/m²K ON N/50mm STRENGTH RADON MEMBRANE ON 50mm OF T3 SAND BLINDING ON 200mm OF T2 PERM UNBOUND GRANULAR FILL (CRUSHED STONE) ON 100mm MIN. OF T1 STRUC UNBOUND GRANULAR FILL (CRUSHED STONE) TO FORMATION LEVEL, ALL TO S.R.21 2014 + A1: 2016 ANNEX E.

FOUNDATION AND RISING WALLS TO ENGINEERS DESIGN & SPECIFICATION

SECTION A-A

REV	DATE	DRAWN	NOTES

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JOB NUMBER:	DWG. SERIES:	STATUS CODE:
2007286	PART 8 SUBMISSION	S2

CLIENT: WATERFORD COUNTY COUNCIL

JOB: NEW FIRE STATION AT KILMACTHOMAS, CO. WATERFORD

DRAWING: SECTION A-A

DATE:	09/11/2022	SCALE:	A3 - 1:100
DRAWN:	DAMIEN O'REILLY	CHECKED:	DO'R

PROJECT:	ORIGINATOR:	ZONE:	LEVEL:	TYPE:	DISC:	NUMBER:	REVISION:
FSK	CJFA	00	ST	DR	A	PL-0300	