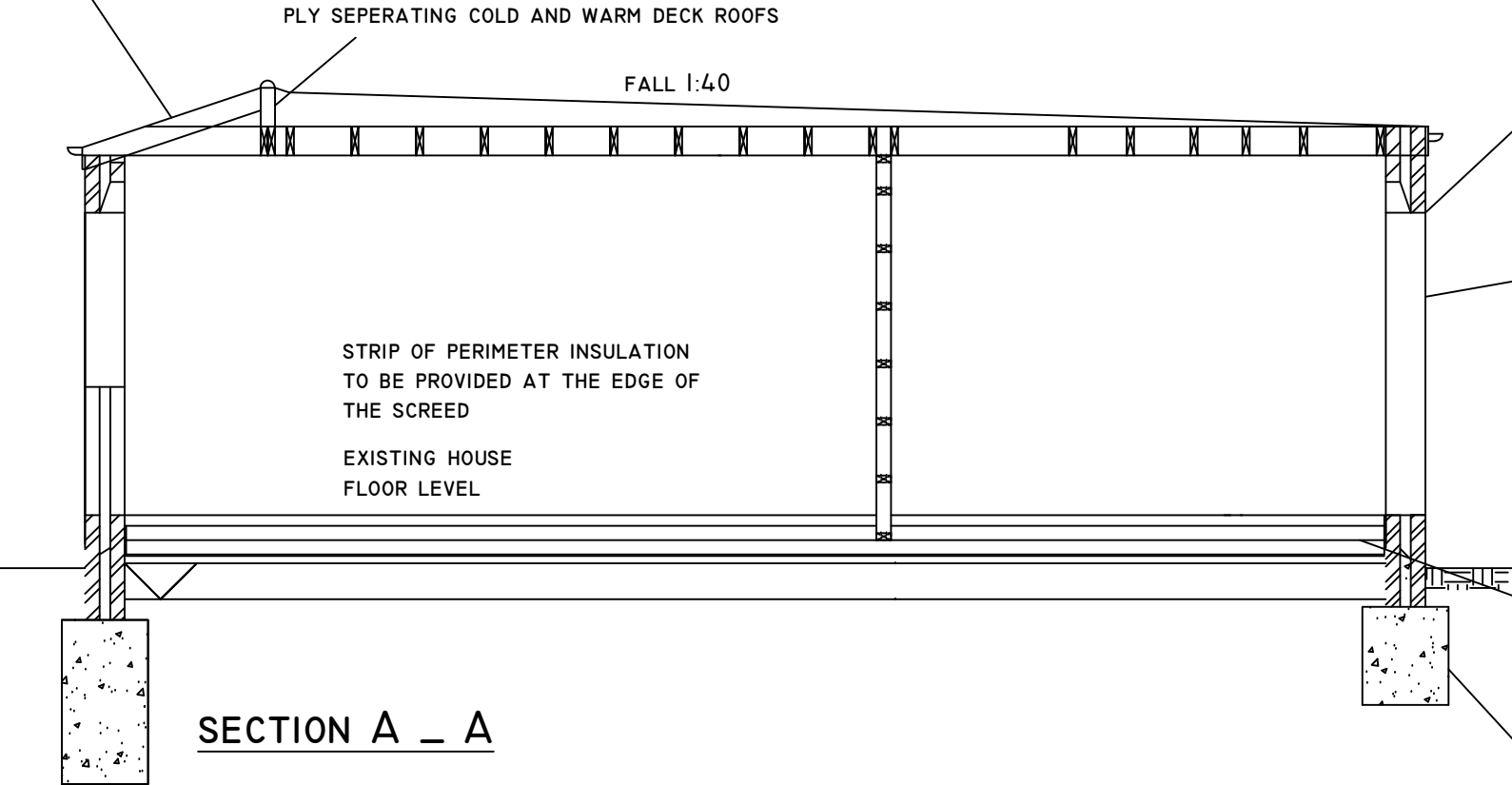


PITCHED ROOF, 'U' VALUE 0.15W/M2K:
PLANE TILES ON BATENS ON BREATHABLE 'TYVEK'TYPE
FELT ON 50X150 RAFTERS AT 400C/C AT 35 DEGREES PITCH,
WITH 200MM SPACESAVER OVER AND 100 BETWEEN 50X150 CEILING
JOISTS AT 400C/C, 12.5MM FOIL BACKED PLASTER BOARD AND 50MM

PROVIDE CODE 4 LEAD FLASHING TUCKED 450 UNDER FLAT
ROOF AT HE JUNCTION OF FLAT AND PITCHED ROOF

FLAT ROOF CONSTRUCTION 'U' VALUE 0.15W/M2K:
20 MM ASPHALT IN TWO LAYERS WITH SOLAR REFLECTIVE PAINT ON SEPARATING
MEMBRANE ON 12.5MM FIBRE BOARD OVERLAY ON 150MM KINGSPAN TR26 INSULATION
BOARDS ON VAPOUR BARRIER - ONE LAYER OF BITUMINOUS FELT LAID USING POUR AND
ROLL METHOD IN HOT BITUMEN WITH ALL JOINTS TO BE COMPLETELY SEALED ON 19MM
MARINE PLYWOOD DECK ON 50X150 TIMBER JOISTS AT 400MM C/C,
WITH FIRRINGS TO GIVE 1 IN 40 FALL, 12.5MM PLASTERBOARD CEILING WITH THISTLE
BOARD SKIM

TIE FLANK WALLS TO ROOF / FLOOR JOISTS WHERE SPAN IS PARALLEL WITH
30X5X1200 LONG GALVANISED MILD STEEL STRAPS AT 1200C/C



SECTION A - A

ALL WIRING AND ELECTRICAL WORK TO BE DESIGNED, INSTALLED,
INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS
OF BS 7671, THE IEE 18TH EDITION WIRING GUIDANCE AND BUILDING
REGULATION PART P (ELECTRIC SAFETY) ON COMPLETION
OF THE WORKS A COPY OF THE INSTALLERS ELECTRICAL
INSTALLATION TEST CERTIFICATE COMPLIANT WITH BS 7671 IS
TO BE PROVIDED TO THE CLIENT AND THE LOCAL AUTHORITY
PRIOR TO COVERING OF ALL WIRING/CABLES THE APPLICANT IS TO
ENSURE THAT THE INSTALLATION IS INSPECTED BY A COMPETENT
PERSON AND ON COMPLETION OF THE WORKS; IN ADDITION TO THE
INSTALLATION CERTIFICATE AN ADDITIONAL TEST COMPETENT
PERSONS ELECTRICAL INSTALLATION TEST CERTIFICATE COMPLIANT WITH
BS 7671 IS TO BE PROVIDED TO THE CLIENT AND LOCAL AUTHORITY

BOLT TOGETHER ALL MULTIPLE TIMBERS WITH M12 BOLTS AT 600C/C

EXTEND EXISTING HEATING AND HOT WATER FROM THE EXISTING
HOUSE TO SUIT

PROVIDE THERMOSTATICALLY CONTROLLED VALVES TO ALL
RADIATORS

200X18 PVC FASCIA BOARD WITH 100MM HALF ROUND CUTTER,
75MM DIAMETER DOWNPIPE

CATNIC LINTEL OVER WINDOW AND DOOR OPENINGS, TYPE CG90/100
INSULATED WITH 150MM BEARING PROVIDE VERTICAL D.P.C. AT
REVEALS

ALL NEW WINDOWS AND DOORS TO BE DOUBLE GLAZED IN TIMBER
OR PLASTIC FRAMES WITH 16MM ARGON WITH ALUMINIUM SPACER
BAR OUTER PANE ENERGIKARE OPTIWHITE AND INNER PANE
K-GLASS TO GIVE 'U'VALUE OF 1.4W/M2K, GLASS TO BE
LAMINATED OR TOUGHENED WITHIN 800MM FROM FLOOR IN
WINDOWS AND WITHIN 1500MM FROM FLOOR IN DOORS (TOUGHENED
GLASS TO BE IN ACCORDANCE WITH BS 6206)
WINDOW AREA TO BE 1/10TH OF THE FLOOR AREA AND OPENABLE
AREA EQUAL TO 1/20TH OF THE FLOOR AREA

EXTERNAL RENDER - 10MM POLYMER RENDER

WALL CONSTRUCTION, 'U'VALUE 0.18W/M2K;
100 CELCON STANDARD BLOCKS WITH EXTERNAL RENDER
100MM CAVITY FILLED WITH 90MM K106 KINGSPAN INSULATION
BOARD ABOVE D.P.C.
100 CELCON STANDARD BLOCKS, 13MM LIGHT WEIGHT PLASTER AND
SKIM
STAINLESS STEEL WALL TIES AT 900MM C/C HORIZONTALLY,
450MM C/C VERTICALLY
(225MM C/C AT REVEALS)
NEW WALLS TO BE JOINED TO THE EXISTING WITH FURFIX
BRACKETS

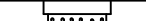
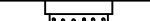
D.P.C. TO BE RUBEROID AND 150MM ABOVE THE GROUND LEVEL AND
LAPPED TO THE EXISTING

FLOOR 'U' VALUE 0.18W/M2K:
CHICKEN WIRE REINFORCED 75MM SCREED ON 70MM KINGSPAN K103
INSULATION ON 100MM CONCRETE SLAB ON 1200GAUGE POLYTHENE
D.P.M. ON 50MM SAND BLINDING ON 250MM WELL COMPACTED
HARDCORE OR TYPE 2 FILL

BRICKWORK BELOW D.P.C. LEVEL- FLETTONS IN 1:3 MORTAR USING
SULPHATE RESISTING PORTLAND CEMENT
FILL CAVITY WITH LEAN MIX CONCRETE TO 225MM BELOW GROUND
LEVEL
PROVIDE 100X150 PRE-CAST CONCRETE LINTELS OVER DRAIN PIPES
PASSING THROUGH THE WALL

600X600 DEEP MASS CONCRETE TRENCH FILL TYPE FOUNDATIONS
AT MINIMUM DEPTH OF 1100MM BELOW GROUND LEVEL (ALSO REFER
TO PLAN) OR TO MATCH INVERT LEVEL OF DRAINS WHICHEVER IS
GREATER, ECCENTRICALLY LOADED FOUNDATIONS ALONG THE
BOUNDARIES TO BE 600X600 DEEP AND NOT TO ENCROACH
ADJOINING BOUNDARIES
CONCRETE MIX FOR FOUNDATION TO BE 20N/MM2 USING SULPHATE
RESISTING PORTLAND CEMENT
FOUNDATIONS TO BE TAKEN 600MM BELOW ANY TREE ROOTS

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	CHECKED:	DATE: JULY 2024	DRAWING TITLE: SECTION A-A	PROJECT: I COLNBROOK BY PASS HARMONDSWORTH UB7 0HG	
	DRAWN:	SCALE: 1:50			
	DRAWING NUMBER: 05				