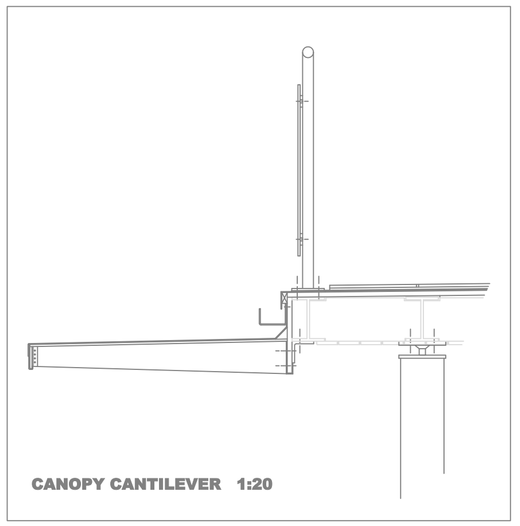
READ WITH ENGINEER'S DETAILS



CANOPY CANTILEVER 1:20

HANDRAIL STAUNCHEON BASE PLATES BOLTED WITH 4 no. M12 100mm BOLTS THROUGH MEMBRANE WITH SILICON MASTIC SEAL AND LEAD GASKET. BOLTS WILL FIX THROUGH SPACER BLOCKS AND THROUGH STEEL BEAM. LOCK NUT AND WASHER.
STANCHION AND HANDRAIL FORMED IN 40mm STAINLESS STEEL BAR WITH SIMPLE WELDED CONNECTIONS. TWO STAINLESS STEEL TABS EACH SIDE WELDED WITH 14mm DRILLED HOLES AS GLAZING MOUNTS.

GLAZING. 10mm TOUGHENED WITH BEVELLED AND POLISHED EDGES AND HOLES TO ALIGN WITH STAINLESS STEEL MOUNTS. ALL FABRICATED BY SPECIALIST. USE PROPRIETARY NEOPRENE WASHER AND STAINLESS STEEL M12 BOLT, FLAT WASHERS AND NYLOCK NUT.

STEEL BEAM RECEIVING STANCHIONS AS OUTRIGGER TO MAIN STRUCTURAL COMPONENT SUPPORTING ROOF JOISTS.

ROOF COVER OVER JOISTS TO BE FIRRING STRIPS PINNED TO JOISTS WITH 22mm WBP PLY SUBSTRATE OVER SCREW FIXED AT 200 CENTRES. FACIA WBP PLY AND ABUTTING UNDER AT FACE OF OUTRIGGER. TIMBER PACKING WITHIN BEAM WEBS. DRESS FACIA WITH SARNAFIL GREY LEAD MEMBRANE FRONT TO UNDERSIDE OF 50 X 25 OFFSET BATTON, BASE AND REAR.

BOLT GALVANISED ANGLE UNDER BEAM TO RECEIVE THROUGH FIXINGS FOR GALVANISED CANTILEVER BRACKETS FOR CANOPY.

BRACKET ENDS TO RECIEVE GALVANIZED ANGLES FOR 0.5mm CURVED WBP FINE GRADE PLY FACIA. CANOPY DECK OVER BRACKETS IN 12.5mm WBP FINE GRADE PLY SCREWED TO BRACKETS. ALL METAL WORK BY SPECIALIST.

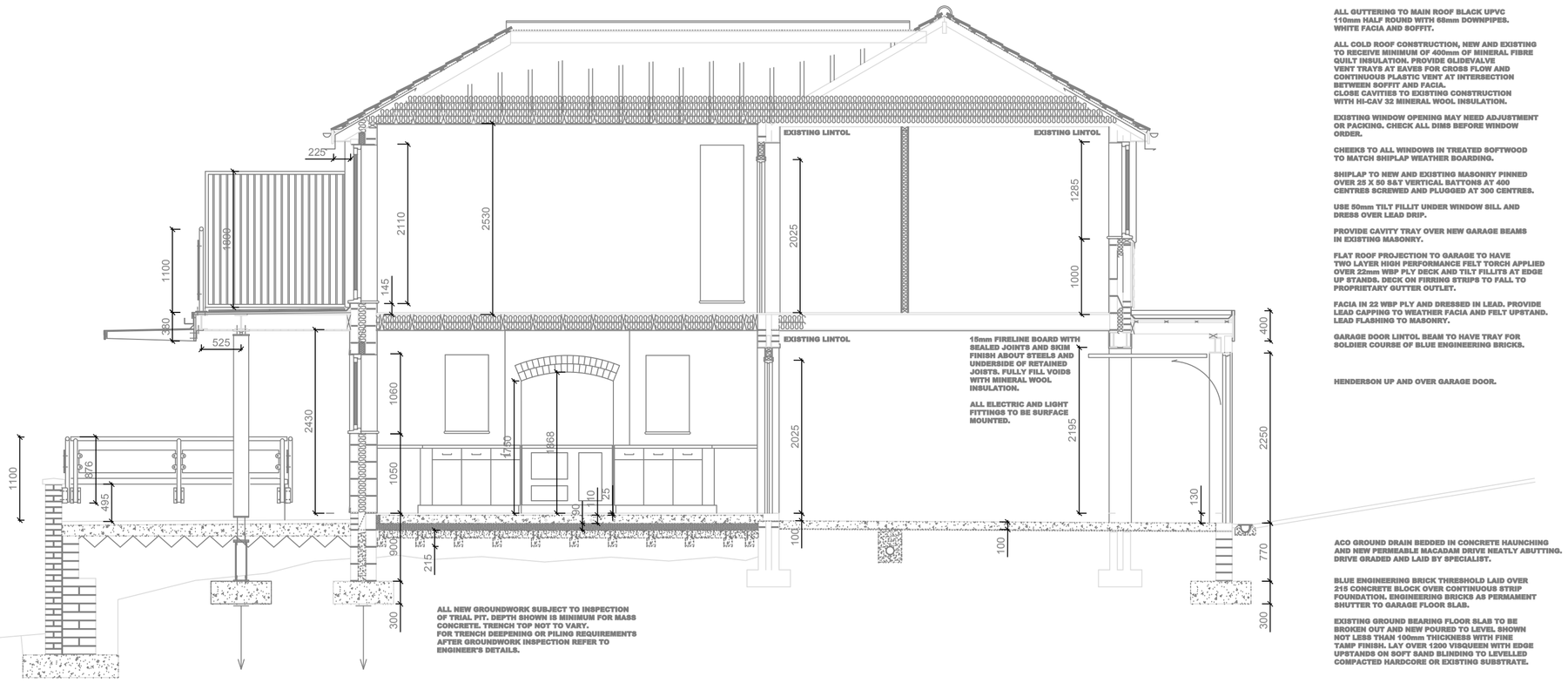
PROVIDE TILT FILLET AT REAR OF CANOPY AND DRESS OVER AND FACIA WITH SARNAFIL GREY LEAD MEMBRANE. TO IMITATE LEAD ROLL.

FIT ALUMINIUM PROPRIETARY EXTRUDED GUTTER, SQUARELINE PROFILE 120 X 75 PLAIN ANODISED WITH FALL TO SINGLE 80mm DOWN PIPE FIXED TO END COLUMN.

OFFSET BATTON TO MAIN FACIA TO HAVE CODE 4 - 300mm DRESSED OVER TO DRIP IN TO GUTTER. UNDER LAYER OF TWO LAYER HIGH PERFORMANCE FELT SYSTEM, TORCH APPLIED, TO ABUT NEATLY BEHIND LEAD. TOP LAYER OF SYSTEM TO DRESS OVER BASE LAYER WITH STAGGERED JOINTS AND LEAD DRIP TO 25mm FROM EDGE APEX. SLATE WEARING COVER OVER LAID ON PROPRIETARY WATER PROOF ADHESIVE AND GREY GROUT.

COLUMN CONNECTION TO BEAM AND BEAM CONNECTIONS AS ENGINEER DETAIL.

SOFFIT TO MAIN BALCONY IN 100 X 19 TREATED MATCH BOARD, PRIMED, METAL UNDERCOAT AND EXTERNAL HIGH GLOSS WHITE.



SECTION A-A

ALL GUTTERING TO MAIN ROOF BLACK UPVC 110mm HALF ROUND WITH 68mm DOWNPIPES. WHITE FACIA AND SOFFIT.

ALL COLD ROOF CONSTRUCTION, NEW AND EXISTING TO RECEIVE MINIMUM OF 400mm OF MINERAL FIBRE QUILT INSULATION. PROVIDE GLIDEVALVE VENT TRAYS AT EAVES FOR CROSS FLOW AND CONTINUOUS PLASTIC VENT AT INTERSECTION BETWEEN SOFFIT AND FACIA.
CLOSE CAVITIES TO EXISTING CONSTRUCTION WITH Hi-CAV 32 MINERAL WOOL INSULATION.

EXISTING WINDOW OPENING MAY NEED ADJUSTMENT OR PACKING. CHECK ALL DIMS BEFORE WINDOW ORDER.

CHEEKS TO ALL WINDOWS IN TREATED SOFTWOOD TO MATCH SHIPLAP WEATHER BOARDING.

SHIPLAP TO NEW AND EXISTING MASONRY PINNED OVER 25 X 50 SAT VERTICAL BATTONS AT 400 CENTRES SCREWED AND PLUGGED AT 300 CENTRES.

USE 50mm TILT FILLET UNDER WINDOW SILL AND DRESS OVER LEAD DRIP.

PROVIDE CAVITY TRAY OVER NEW GARAGE BEAMS IN EXISTING MASONRY.

FLAT ROOF PROJECTION TO GARAGE TO HAVE TWO LAYER HIGH PERFORMANCE FELT TORCH APPLIED OVER 22mm WBP PLY DECK AND TILT FILLETS AT EDGE UP STANDS. DECK ON FIRRING STRIPS TO FALL TO PROPRIETARY GUTTER OUTLET.

FACIA IN 22 WBP PLY AND DRESSED IN LEAD. PROVIDE LEAD CAPPING TO WEATHER FACIA AND FELT UPSTAND. LEAD FLASHING TO MASONRY.

GARAGE DOOR LINTOL BEAM TO HAVE TRAY FOR SOLDIER COURSE OF BLUE ENGINEERING BRICKS.

HENDERSON UP AND OVER GARAGE DOOR.

ACO GROUND DRAIN BEDDED IN CONCRETE HAUNCHING AND NEW PERMEABLE MACADAM DRIVE NEATLY ABUTTING. DRIVE GRADED AND LAID BY SPECIALIST.

BLUE ENGINEERING BRICK THRESHOLD LAID OVER 215 CONCRETE BLOCK OVER CONTINUOUS STRIP FOUNDATION. ENGINEERING BRICKS AS PERMANENT SHUTTER TO GARAGE FLOOR SLAB.

EXISTING GROUND BEARING FLOOR SLAB TO BE BROKEN OUT AND NEW POURED TO LEVEL SHOWN NOT LESS THAN 100mm THICKNESS WITH FINE TAMP FINISH. LAY OVER 1200 VISQUEEN WITH EDGE UPSTANDS ON SOFT SAND BLINDING TO LEVELLED COMPACTED HARDCORE OR EXISTING SUBSTRATE.

INTERSECTION BETWEEN PITCHED ROOF AND FLAT ROOF LEAD DRESSED AS LEAD SHEET STANDARD ASSC DETAILS AND VALLEY BETWEEN PITCHED ELEMENTS. USE PROPRIETARY CONTINUOUS SLATE VENT (SLIDEVALVE) OVER COLD ROOF INSULATION FOR AIR CROSS FLOW.

FLAT ROOF JOISTS 150 X 50 ON HANGERS WITH COUNTER LAID FIRRING STRIPS OVER AND CELOTEX TD3000 RANGE DECKED INSULATION 125 THICK. COVER WITH SARNAFIL LEAD GREY SINGLE PLY. FORM DRIP OVER OFFSET BATTON TO 150 X 75 EXTRUDED ALUMINIUM GUTTER TO OUT FALL ON TO ABUTMENT LEAD FLASHING ON SLATES AT EITHER END. WBP 22mm PLY FACIA DRESSED IN LEAD.

STEEL BEAM OVER FOLDING SLIDING DOORS TO HAVE TRAY WELDED TO OUTER FACE TO RECEIVE BLOCKWORK AS CONTINUOUS RENDERED EXTERNAL LEAF. INTUMESCENT PAINT BEFORE INSTALLATION AND FIRELINE BOARD TO CLAD WITH SEALED JOINTS AND SKIM FINISH. FILL VOIDS WITH MINERAL WOOL INSULATION.

NOTE LINTOL BEAM LOCATED UNDER MAIN TRANSVERSE STRUCTURAL BEAMS IN FLOOR ZONE. BEAMS BOLTED TOGETHER AS ENGINEER CONNECTION DETAIL AT CROSSOVER.

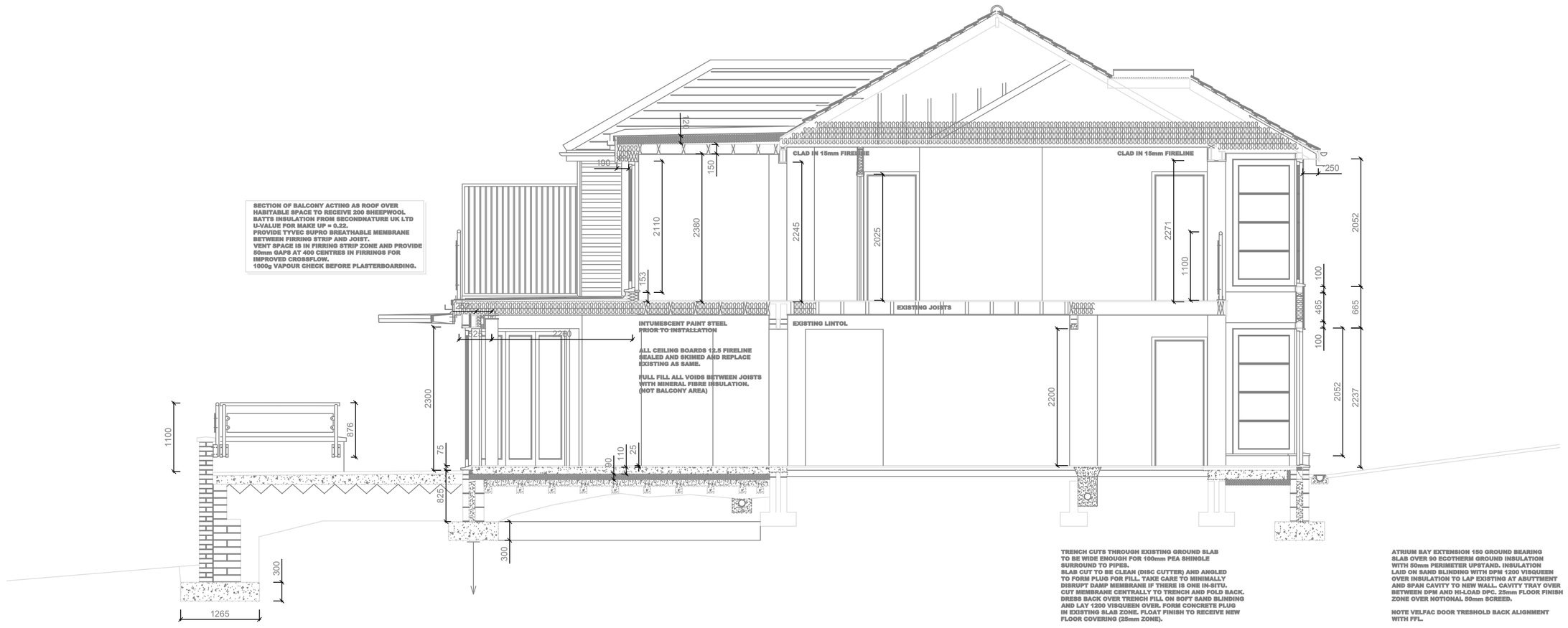
GUARDING TO PATIO TO FOLLOW THE SAME ARRANGEMENT AS BALCONY. STANCHIONS AND HANDRAIL FORMED IN 40mm STAINLESS STEEL WITH MOUNTING BRACKETS FOR DIRECT FIXING TO PARAPET WALL. MANUFACTURED AND INSTALLED BY SPECIALIST TO ENGINEER DETAIL.

PARAPET WALL WILL VARY IN HEIGHT SUBJECT TO SITE LEVELS AND GROUND CONDITION. ARRANGEMENT SHOWN IS MAXIMUM EXPECTED.

PROVIDE TRENCH FOUNDATION MINIMUM 300 DEEP CONCRETE AT LEAST 1200 WIDE AND SET OUT DENSE CONCRETE BLOCK RETAINING WALL 440 THICK TO NOTIONALLY 750 BELOW FINISHED PATIO LEVEL. RAISE A FURTHER 5 COURSE IN 215 CONCRETE BLOCKS. PROVIDE WALL TIES AT FACE EVERY 450 VERTICALLY AND STAGGERED 900 LATERALLY. BUILD FACEWORK IN 215 HEADER / STRETCHER BOND WITH IRONED AND BRUSHED POINTING. COPING TO PARAPET TO BE HADDONSTONE BATH BUFF T 710 MOULDING.

PAVING TO PATIO. 400 MODULES. NATURAL TRAVERTINE 30mm THICK, BY BRADSTONE. 01335 372222. PAVING LAID WITH 10mm JOINTS FILLED WITH A PROPRIETARY BUFF WATER PROOF GROUT AND IRONED FINISH. BED ON A WATER PROOF ADHESIVE.

BASE TO BE MINIMUM 100 THICK FINE TAMP CONCRETE BLINDING LAID TO FALL DIRECTED AT HEAD OF STEPS. GROUND FILL TO BE LAYERED COMPACTED HARDCORE.



SECTION B-B

SECTION OF BALCONY ACTING AS ROOF OVER HABITABLE SPACE TO RECEIVE 200 SHEEPWOOL BATTS INSULATION FROM SECONDNATURE UK LTD U-VALUE FOR MAKE UP = 0.22.
PROVIDE TYVEC SUPRO BREATHABLE MEMBRANE BETWEEN FIRRING STRIP AND JOIST.
VENT SPACE IS IN FIRRING STRIP ZONE AND PROVIDE 50mm GAPS AT 400 CENTRES IN FIRRINGS FOR IMPROVED CROSSFLOW.
1000g VAPOUR CHECK BEFORE PLASTERBOARDING.

NO.	REVISIONS	DATE	INITIAL
A	VENTILATION NOTE ADDED	10-6-10	AS

PROJECT

EXTENSION & REFURBISHMENT

CLIENT

Mr & Mrs THOMPSON
78 LOOSELEIGH LANE,
PLYMOUTH, PL6 5HH.

DRAWING

SECTIONS A-A & B-B

SCALE	DATE	DRAWN	CHECKED
1:50	15.3.10	AS	-

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DRAWING NO. **1311-AA-013** REV **A**

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