FLAT ROOF CONSTRUCTION COMPRISING:
STONE CHIPPING FINISH BEDDED IN HOT BITUMEN ON TWO LAYER HIGH PERFORMANCE MEMBRANE ROOFING COMPRISING UNDERLAY, CAP SHEET AND CAP SHEET FLASHINGS AT PERIMETERS WITH EACH LAYER FULLY BONDED IN HOT BITUMEN ON PRESSURE DIFFUSION LAYER FORMED WITH PARTIAL BOND FELT TO BS747 TYPE 3G LAID OVER SURFACE OF ROOF DECKING.
FLAT ROOF DECKING FORMED WITH 100MM THICK CELOTEX LTD, OR EQUAL APPROVED, TEMPCHEK DECK TD3100 COMPRISING TUFF-R INSULATION BOARD FACTORY BONDED TO 9MM WBP EXTERIOR GRADE PLYWOOD. INSTALL 50 X 50MM TREATED SW NOGGINS BETWEEN ROOF JOISTS AT ALL BOARD EDGES AS REQUIRED. TEMPCHEK DECK TO BE INSTALLED PLYWOOD SIDE UPPERMOST. MASTIC BEAD BEDDING APPLIED TO TOPS OF FIRRING STRIPS AND SUPPORT NOGGINS AT ALL BOARD JOINTS AND DECK FIXED USING ROUND HEAD RING SHANK NAILS SPACED AT 150MM CTS TO ALL DECK EDGES AND INTERMEDIATE SUPPORTS. GENERALLY TEMPCHEK DECK TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND FIXING INSTRUCTIONS.
50 X 75-25MM TREATED SW FIRRING STRIPS PROVIDING MIN. 1:80 FALL TO FLAT ROOF.
50 X 200 GRADE C16 TREATED SW FLAT ROOF JOISTS AT MAX. 400MM CTS.

CEILING BENEATH FLAT ROOF STRUCTURE COMPRISING:
50 X 38MM TREATED SW CEILING SUPPORT NOGGINS FIXED BETWEEN FLAT ROOF JOISTS AT CEILING PERIMETERS AND ROWS AT 1200MM CTS.
12.5MM THICK GYPROC DUPLEX WALLBOARD CEILING LINING WITH VAPOUR RESISTANT FILM BACKING. BOARDS FIXED USING GALV. PLASTERBOARD NAILS AT MAX. 150MM CTS TO ALL BOARD EDGES AND INTERMEDIATE SUPPORTS.
ALL BOARD JOINTS AND WALL/CEILING AND CEILING/CEILING ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.

FLAT ROOF CONSTRUCTION FORMS A 'WARM ROOF CONSTRUCTION' WHICH REQUIRES NO ROOF VOID VENTILATION.

'U' VALUE OF FLAT ROOF CONSTRUCTION NOT EXCEEDING 0.20 W/sq m K.

200 X 75MM GRADE C16 TREATED SW FLAT ROOF EAVES BEAMS SUPPORTED BY 102 X 102MM STEEL HOLLOW SECTION POSTS TO DETAIL COMPLETE WITH 6MM THICK STEEL 'L' SHAPED SEATING FLANGE 100MM WIDE X 75 X 200MM FILLET WELDED TO TOP OF POSTS AND DRILLED FOR SCREW FIXINGS TO EAVES BEAMS.

EAVES BEAMS TO BE CUT AND FITTED INTO SEATING FLANGES AND SCREW FIXED USING HEAVY DUTY COUNTERSINK SCREWS.

CUT AND FORM POCKETS IN MASONRY OUTER LEAF OF EXTERNAL WALL TO EXTG HOUSE AND BUILD IN ENDS OF EAVES BEAMS COMPLETE CATNIC LTD, OR EQUAL APPROVED, TYPE HL 1000/100MM 30 X 5MM GALV STEEL LATERAL RESTRAINT STRAPS SPIKED TO TOPS OF EAVES BEAMS AND HOOKED ENDS OF STRAPS BUILT INTO MASONRY.

EAVES BEAM CASINGS COMPRISING:

50 X 50MM TREATED SW FRAMING SOIKED TO EAVES BEAMS AND U/S OF FLAT ROOF JOISTS.
25MM THICK EXTERIOR GRADE WBP PLYWOOD LINING TO CASINGS PINNED TO FRAMEWORK AND WITH MITRED AND GLUED EXTERNAL CORNERS.
ALL PLYWOOD TO BE STAIN PRIMED BEFORE FIXING AND TO RECEIVE TWO COAT STAIN FINISH AFTER FIXING TO SELECTED SHADE.

AT FLAT ROOF ABUTMENT WITH EXTG CAVITY EXTERNAL WALL CUT THROUGH AND REMOVE EXTG EXTERNAL RENDERING AS REQUIRED AND PROGRESSIVELY CUT OUT MASONRY COURSE TO EXTG OUTER LEAF AS REQUIRED AND INSTALL CAVITY TRAYS LTD, OR EQUAL APPROVED, PREFORMED TYPE 'E' CAVITY TRAY UNITS COMPLETE WITH INTEGRAL 'U' JOINTING CLIPS. TRAYS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND MAKE GOOD EXTG MASONRY OUTER LEAF WITH MASONRY PINNED UP TO EXTG AS REQUIRED. INSTALL TYPE 'W' WEEPVENTS INTO PERP JOINTS IN MASONRY AT 450MM INTERVALS (ONE WEEPVENT PER CAVITY TRAY UNIT) WITH WEEPVENTS PROJECTING THICKNESS OF EXTERNAL RENDERING AS REQUIRED.

INSTALL 100 X 25MM TREATED SW EXTERNAL RENDER STOP BOARD DRILLED, PLUGGED AND SCREWED TO EXTG MASONRY WITH TOP OF STOP BOARD AT UNDERSIDE OF CAVITY TRAY UNITS BEFORE DESCRIBED.

FLAT ROOF ABUTMENT UPSTAND COMPRISING:

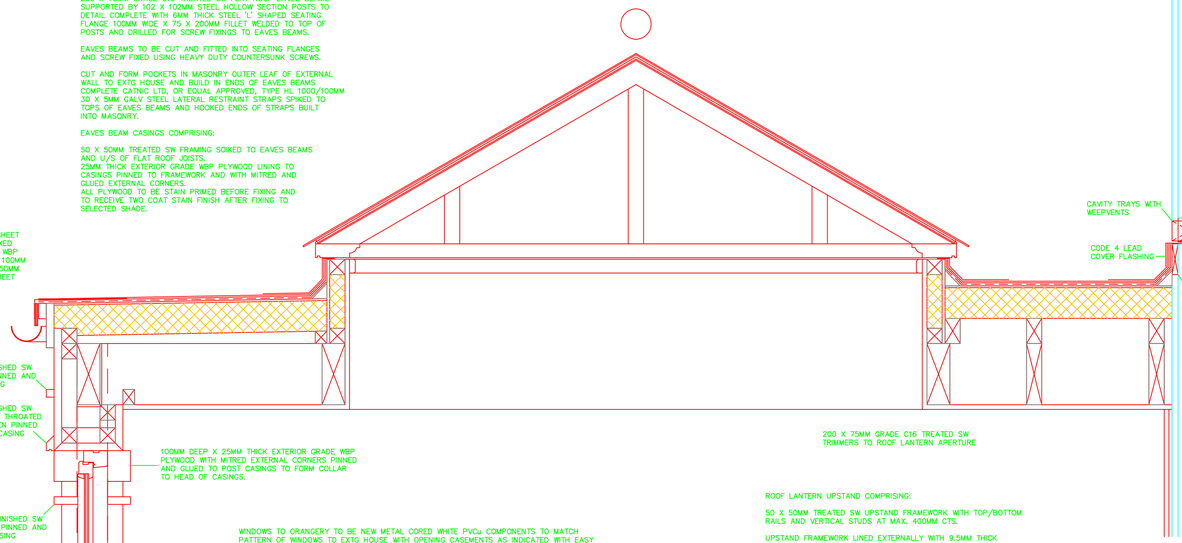
50 X 50MM X 45 DEG TREATED SW ARRIS PINNED DOWN TO ROOF DECKING.
PRESSURE DIFFUSION LAYER DRESSED TO TOP OF ARRIS.
HIGH PERFORMANCE ROOFING UNDERLAY DRESSED TO TOP OF ARRIS.
CAP SHEET DRESSED TO UPSTAND KERB TO TOP OF UPSTAND.
CAP SHEET FLASHING DRESSED TO UPSTAND, OVER ARRIS AND LAPPED 300MM ONTO CAP SHEET AND FIXED BY TORCHING.
INSTALL CODE 4 LEAD COVER FLASHING IN MAX. 1.5M LENGTHS LAPPED MIN. 150MM BETWEEN LENGTHS AND WITH LEADWORK DRESSED 25MM INTO BED JOINT BENEATH CAVITY TRAY AND LEAD WEDGED AND POINTED. LEADWORK DRESSED VERTICALLY TO RENDER STOP BOARD AND DRESSED TO OVERLAP ROOFING MEMBRANE UPSTAND BEFORE DESCRIBED.

ALL LEADWORK TO BE NEATLY DRESSED AND TRIMMED AND TREATED WITH PATINATION OIL AS IT IS FIXED TO PREVENT LEAD STAINING.

MAKE GOOD EXTERNAL RENDERING TO EXTERNAL WALL OF EXTG HOUSE AS REQUIRED WITH ROUGH CAST SURFACE AND DECORATIVE EXTERNAL MASONRY PAINT FINISH TO MATCH EXTG.

All dimensions must be checked on site and not scaled from this drawing.

Revisions



50 X 25MM TREATED SW DRIP BATTEN PINNED TO FASCIA.
WELTED DRIP FORMED IN HIGH PERFORMANCE MEMBRANE CAP SHEET WITH PIECES CUT FROM ACROSS THE WDTH OF A ROLL AND FIXED BY TORCHING. DRIP FORMED AROUND 70MM WIDE X 4MM THICK WBP EXTERIOR GRADE PLYWOOD STRIPS NAILED TO DRIP BATTEN AT 100MM CTS USING 30MM GALV CLOUT NAILS. DRIP FLASHING TO LAP 150MM ONTO ROOFING MEMBRANE UNDERLAY. ROOF MEMBRANE CAP SHEET TO OVERLAP DRIP FLASHING BY MIN. 100MM.
145 X 25MM FINISHED TREATED SW FASCIA PINNED TO EAVES BEAM FRAMEWORK.
UPVC GUTTERING AND FITTINGS TO MATCH EXTG.

EXTERNAL CAVITY WALL CONSTRUCTION 300MM O/A THICKNESS COMPRISING:

100MM THICK SOLID INSULATION BLOCK INNER LEAF, 4.0N/sq mm COMPRESSIVE STRENGTH, MAXIMUM BLOCK LAMBDA VALUE 0.15, BEDDED IN MORTAR MIX 1:2:9 ORDINARY PORTLAND CEMENT, LIME AND SAND AND STRUCK POINTED.
50MM THICK CELOTEX LTD, OR EQUAL APPROVED, TUFF-R CW3050 PARTIAL FILL CAVITY INSULATION BOARD.
50MM MAINTAINED CAVITY.
100MM THICK SOLID CONCRETE BLOCK OUTER LEAF, 3.5N/sq mm COMPRESSIVE STRENGTH, WITH BLOCKWORK BEDDED IN MORTAR MIX 1:2:9 BEFORE DESCRIBED AND FACE JOINTS RAKED OUT 10MM TO PROVIDE KEY FOR EXTERNAL RENDERING.
MASONRY SKINS TIED TOGETHER USING 'HEMAX 95', OR EQUAL APPROVED, 250MM LONG STAINLESS STEEL VERTICAL TWIST TIES COMPLETE WITH INSULATION RETAINING DISCS. TIES SPACED 600M INTERVALS HORIZONTALLY AND 450MM INTERVALS VERTICALLY WITH ROWS STAGGERED 150MM. ADDITIONAL TIES AT JAMBS OF EXTERNAL WALL OPENINGS WITH TIES LOCATED MAXIMUM 225MM FROM OPENING JAMBS AND IN EACH BLOCK COURSE VERTICALLY.
EXTERNAL WALLS TO RECEIVE 20MM THICK TWO COAT EXTERNAL RENDER WITH ROUGH CAST TEXTURED SURFACE FINISH TO MATCH EXTG. PREPARE SURFACE OF EXTERNAL RENDERING AND APPLY SEALER COAT AND TWO COATS OF EXTERNAL MASONRY PAINT, COLOUR TO MATCH/TONE WITH EXTG.

EXTERNAL WALLS TO BE DRYLINED INTERNALLY USING 9.5MM THICK GYPROC TAPERED EDGE WALLBOARD FIXED TO MASONRY BACKGROUNDS USING GYPROC ADHESIVE DAPS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ALL BOARD JOINTS AND ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE, THIN COAT PLASTER ANGLE BEADS TO ALL EXTERNAL CORNERS INCLUDING OPENING REVEALS AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.

'U' VALUE OF EXTERNAL WALL CONSTRUCTION NOT EXCEEDING 0.30W/sq m K.

BLOCKWORK COURSING TO INNER/OUTER LEAF 4 BLOCK COURSES TO 900MM (225MM COURSES).

WINDOW SUB-CILLS FORMED WITH 215 X 140MM DEEP CAST STONE WEATHERED AND THROATED SUB-CILLS, REINFORCED FOR HANDLING, COMPLETE WITH EXTERNAL CORNER UNITS AND FAIRFACED STOP-ENDS. SUB-CILLS BEDDED AND POINTED IN MORTAR MIX 1:2:9 BEFORE DESCRIBED WITH SUB-CILLS BEDDED ON POLYETHYLENE DPC OF SUITABLE WIDTH WITH DPC DRESSED VERTICALLY BEHIND BACK OF SUB-CILLS AS DETAILED.

EXTERNAL WALL RENDERING AND DECORATIVE FINISH COMPRISING:

PREPARE EXTERNAL SURFACES OF MASONRY EXTERNAL WALLS AS REQUIRED AND APPLY EXTERNAL RENDERING COMPRISING:
DUBBING OUT AS REQUIRED AND APPLY 11MM THICK RENDER UNDERCOAT MIX 1:5 MASONRY CEMENT AND SAND FINISHED WITH WOOD FLOAT AND LIGHTLY KEYED.
9MM THICK RENDER FINAL COAT MIX 1:5 MASONRY CEMENT AND SAND WITH WATERPROOF ADDITIVE ADDED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND FINISHED WITH 'ROUGH CAST' SURFACE FINISH TO MATCH EXTERNAL RENDERING TO EXTG HOUSE READY TO RECEIVE DECORATIVE FINISH.

INSTALL CATNIC LTD, OR EQUAL APPROVED, STAINLESS STEEL RENDER BEADS COMPRISING:
STANDARD ANGLE BEAD REF. 052S TO ALL EXTERNAL CORNERS INCLUDING JAMBS OF EXTERNAL OPENINGS.

RENDER BEADS TO BE CUT NEATLY FORMING MITRES AT RETURN ANGLES AND REMOVE ANY SHARP EDGES. BEADS FIXED SECURELY USING LONGEST POSSIBLE LENGTHS, PLUMB, SQUARE AND TRUE TO LINE AND LEVEL, ENSURING FULL CONTACT OF WINGS WITH BACKGROUND. BEADS TO BE MECHANICALLY FIXED TO MASONRY. AFTER RENDER COATINGS HAVE BEEN APPLIED, REMOVE RENDER WHILE STILL WET FROM SURFACES OF BEADS/STOPS WHICH ARE TO BE EXPOSED TO VIEW.

APPLY RENDER COATINGS FIRMLY TO ACHIEVE GOOD ADHESION AND IN ONE CONTINUOUS OPERATION BETWEEN ANGLES AND JOINTS. RENDER COATINGS TO BE NOT LESS THAN THICKNESS SPECIFIED, FIRMLY BONDED, OF EVEN AND CONSISTENT APPEARANCE, FREE FROM RIPPLING, HOLLOWS AND RIDGES. FINISH SURFACE TO A TRUE PLANE, TO CORRECT LINE AND LEVEL, WITH ALL ANGLES AND CORNERS TO A RIGHT-ANGLE AND WITH WALLS AND REVEALS PLUMB AND SQUARE.

CURE RENDER UNDERCOAT AND FINAL COAT FOR THE FIRST 3 DAYS BY COVERING WITH POLYTHENE SHEET AND/OR SPRAYING WITH WATER. THEREAFTER PREVENT FROM DRYING OUT TOO RAPIDLY. ALLOW EACH COAT TO DRY OUT THOROUGHLY TO ENSURE THAT DRYING SHRINKAGE IS SUBSTANTIALLY COMPLETE BEFORE APPLYING NEXT COAT.

PREPARE SURFACES OF EXTERNAL RENDERING IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, MASK AROUND WINDOW/EXTERNAL DOOR FRAMES AND ROOF JOINERY AND APPLY SEALER COAT AND TWO FULL COATS OF EXTERNAL MASONRY PAINT TO TONE WITH COLOUR OF EXTERNAL RENDERING TO EXTG HOUSE.

25 X 25MM FINISHED SW TRIM BATTEN PINNED AND GLUED TO CASING

50 X 25MM FINISHED SW WEATHERED AND THROATED DRIP TRIM BATTEN PINNED AND GLUED TO CASING

100MM DEEP X 25MM THICK EXTERIOR GRADE WBP PLYWOOD WITH MITRED EXTERNAL CORNERS PINNED AND GLUED TO POST CASINGS TO FORM COLLAR TO HEAD OF CASINGS.

25 X 25MM FINISHED SW TRIM BATTEN PINNED AND GLUED TO CASING

200 X 75MM GRADE C16 TREATED SW TRIMMERS TO ROOF LANTERN APERTURE

WINDOWS TO ORANGERY TO BE NEW METAL CORED WHITE PVCu COMPONENTS TO MATCH PATTERN OF WINDOWS TO EXTG HOUSE. WITH OPENING CASEMENTS AS INDICATED WITH EASY CLEAN HINGES, SECURITY LOCKING SYSTEM WITH LOCKING HANDLES, PVCu CILL TRIMS AND TRICKLE VENTILATORS IN HEAD OF WINDOW FRAMES AS REQUIRED. WINDOWS TO BE INSTALLED INTO NEW PREFORMED OPENINGS IN EXTERNAL WALLS COMPLETE WITH SEALANT POINTING EXTERNALLY.

WINDOW COMPONENT SPECIFICATION TO BE AGREED WITH EMPLOYER AND WINDOWS TO BE MANUFACTURED AND INSTALLED BY AN APPROVED SPECIALIST.

WINDOWS TO BE FACTORY GLAZED WITH CLEAR SEALED DOUBLE GLASS UNITS AS REQUIRED USING LOW-E GLASS TO PROVIDE COMPONENT 'U' VALUE NOT EXCEEDING 1.8 W/sq m K. DOUBLE GLASS UNITS TO INCORPORATE INTEGRAL GLAZING BARS TO PATTERN AS INDICATED.

FRENCH DOORS AND SIDELIGHTS TO ORANGERY TO BE NEW METAL CORED WHITE PVCu COMPONENTS WITH OUTWARD OPENING DOORS COMPLETE WITH SECURITY LOCKING SYSTEM WITH LOCKING HANDLES, PVCu CILL TRIMS AND TRICKLE VENTILATORS TO HEAD OF DOOR FRAME AS REQUIRED. DOOR AND SIDELIGHT COMPONENTS TO BE INSTALLED INTO PREFORMED OPENINGS COMPLETE WITH SEALANT POINTING EXTERNALLY.

EXTERNAL DOOR AND SIDELIGHT COMPONENT SPECIFICATION TO BE AGREED WITH EMPLOYER AND COMPONENTS TO BE MANUFACTURED AND INSTALLED BY AN APPROVED SPECIALIST.

EXTERNAL DOORS AND SIDELIGHTS TO BE FACTORY GLAZED WITH CLEAR SEALED DOUBLE GLASS UNITS AS REQUIRED USING LOW-E TOUGHENED GLASS TO PROVIDE A COMPONENT 'U' VALUE NOT EXCEEDING 2.2 W/sq m K AND TO COMPLY WITH THE REQUIREMENTS OF THE BUILDING REGULATIONS PART 'N'. DOUBLE GLASS UNITS TO INCORPORATE INTEGRAL GLAZING BARS TO PATTERN AS INDICATED.

ROOF LANTERN UPSTAND COMPRISING:

50 X 50MM TREATED SW UPSTAND FRAMEWORK WITH TOP/BOTTOM RAILS AND VERTICAL STUDS AT MAX. 400MM CTS.

UPSTAND FRAMEWORK LINED EXTERNALLY WITH 9.5MM THICK EXTERIOR GRADE WBP PLYWOOD PINNED TO ALL MEMBERS OF FRAMEWORK AT 150MM CTS.

CAVITY TO UPSTAND FRAMEWORK FILLED WITH 50MM THICK CELOTEX LTD, OR EQUAL APPROVED, TUFF-R GA3050 INSULATION BOARD CUT AND FITTED BETWEEN FRAMEWORK MEMBERS.

12.5MM THICK GYPROC DUPLEX WALLBOARD INTERNAL LINING WITH VAPOUR RESISTANT FILM BACKING. BOARDS FIXED USING GALV PLASTERBOARD NAILS AT MAX. 150MM CTS TO ALL BOARD EDGES AND INTERMEDIATE SUPPORTS.
ALL BOARD JOINTS AND ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER. THIN COAT PLASTER ANGLE BEADS AT ALL CEILING EXTERNAL CORNERS.

NOTE: UPSTAND DIMENSIONS TO BE 2018 X 3168MM O/A EXTERNAL PLYWOOD LININGS.

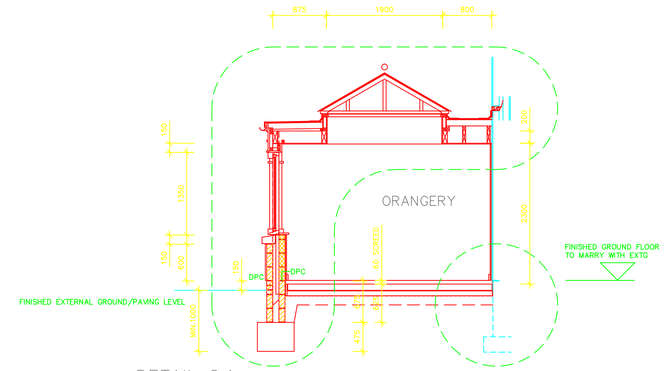
FLAT ROOF ABUTMENT WITH ROOF LANTERN UPSTAND COMPRISING:

50 X 50MM X 45 DEG TREATED SW ARRIS PINNED DOWN TO ROOF DECKING.
PRESSURE DIFFUSION LAYER DRESSED TO TOP OF ARRIS.
HIGH PERFORMANCE ROOFING UNDERLAY DRESSED TO TOP OF ARRIS.
CAP SHEET DRESSED TO UPSTAND KERB TO TOP OF UPSTAND.
CAP SHEET FLASHING DRESSED TO UPSTAND, OVER ARRIS AND LAPPED 300MM ONTO CAP SHEET AND FIXED BY TORCHING.
CODE 4 LEAD COVER FLASHING WITH LEADWORK DRESSED OVER ROOFING MEMBRANE UPSTAND AND DRESSED 25MM ONTO HEAD OF UPSTAND AND FIXED USING COPPER NAILS.

ROOF LANTERN TO BE TRADITIONAL ROOF LANTERNS LTD, OR EQUAL APPROVED, ROOF LANTERN 2018 X 3168MM O/A KERB, WITHOUT SIDE LIGHTS, MANUFACTURED IN BRAZILIAN CEDAR WITH MICROPOROUS FACTORY APPLIED STAIN FINISH TO SELECTED COLOUR AND DOUBLE GLAZED WITH CLEAR SEALED DOUBLE GLASS UNITS USING LOW-E TOUGHENED GLASS TO PROVIDE A COMPONENT 'U' VALUE NOT EXCEEDING 1.8 W/sq m K AND COMPLETE WITH EXTERNAL WHITE POWDER COATED ALUMINIUM GLAZING CAPPINGS. LANTERN COMPLETE WITH 2NO WHITE POWDER COATED ALUMINIUM OPENING SKYLIGHTS MANUALLY OPERATED, DOUBLE GLAZED AS BEFORE DESCRIBED, BRASS SKYLIGHT FITTINGS AND COMPLETE WITH OPENING POLE WITH BRASS HOOK. LANTERN COMPLETE WITH STANDARD BALL FINIALS.

ROOF LANTERN UNIT TO BEDDED IN SEALANT AND FIXED DOWN TO UPSTAND FRAMEWORK IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

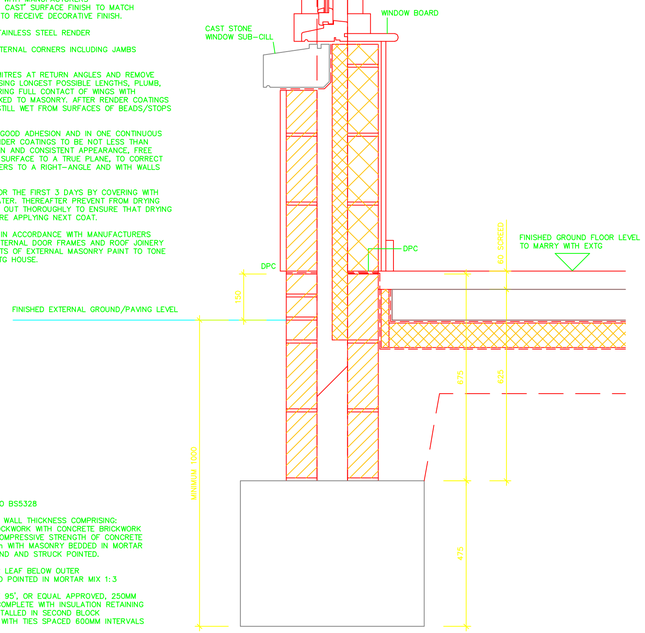
45 X 19MM FINISHED SW INTERNAL SHAPED COVER MOULDING BENEATH LANTERN CILL PINNED TO UPSTAND FRAMEWORK.



DETAIL 6.1

SECTION 6

SCALE 1/50



GROUND FLOOR CONSTRUCTION COMPRISING:

60MM THICK GRIT SAND + CEMENT FLOOR SCREED.
100MM THICK CONCRETE FLOOR SLAB GRADE C20P TO BS5328 LAID WITH LIGHT TAMPED SURFACE FINISH.
500 GAUGE POLYTHENE SEPARATING LAYER DRESSED UPWARDS AT PERIMETER EDGES OF FLOOR SLAB.
80MM THICK CELOTEX LTD, OR EQUAL APPROVED, TUFF-R GA3080 INSULATION BOARD LAID TO ENTIRE AREA OF GROUND FLOOR WITH TIGHT BUTT JOINTS AND WITH 25MM THICK CELOTEX LTD, OR EQUAL APPROVED, T-BREAK TB3025 INSULATION BOARD INSTALLED VERTICALLY AT ALL SLAB ABUTMENTS WITH PERIMETER EXTERNAL WALLS.
1200 GAUGE POLYTHENE DPM LAPPED MINIMUM 300MM AT ALL JOINTS AND SEALED AND POLYTHENE DRESSED VERTICALLY AT ALL ABUTMENTS WITH PERIMETER EXTERNAL WALLS AND POLYTHENE DRESSED BENEATH DPC TO WALLS.

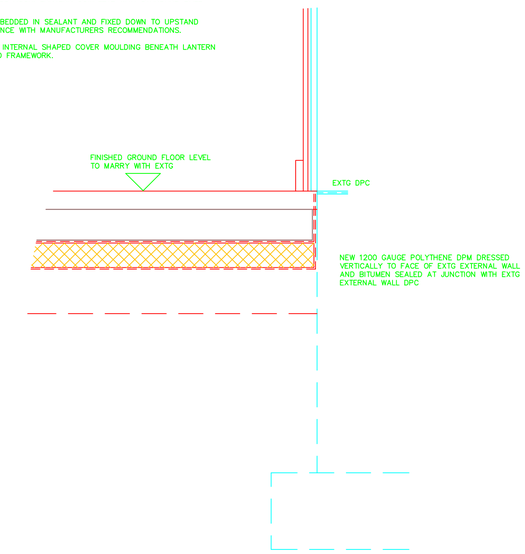
MINIMUM 150MM THICK TYPE 2 GRANULAR HARDCORE WELL

CONCRETE STRIP FOUNDATIONS GRADE C20P TO BS5328

EXTERNAL WALL FOOTINGS 300MM O/A CAVITY WALL THICKNESS COMPRISING:
TWO SKINS 100MM THICK SOLID CONCRETE BLOCKWORK WITH CONCRETE BRICKWORK USED TO MAKE UP COURSING AS REQUIRED. COMPRESSIVE STRENGTH OF CONCRETE BLOCKWORK AND BRICKWORK MIN. 7.0N/sq mm WITH MASONRY BEDDED IN MORTAR MIX 1:3 ORDINARY PORTLAND CEMENT AND SAND AND STRUCK POINTED.
100MM CAVITY.
THREE COURSES FACING BRICKWORK TO OUTER LEAF BELOW OUTER LEAF DPC LEVEL WITH BRICKWORK BEDDED AND POINTED IN MORTAR MIX 1:3 BEFORE DESCRIBED.
MASONRY SKINS TIED TOGETHER USING 'HEMAX 95', OR EQUAL APPROVED, 250MM LONG STAINLESS STEEL VERTICAL TWIST TIES COMPLETE WITH INSULATION RETAINING DISCS AT BASE OF WALL INSULATION. TIES INSTALLED IN SECOND BLOCK COURSE ABOVE FOUNDATION CONCRETE LEVEL WITH TIES SPACED 600MM INTERVALS HORIZONTALLY.
PARTIAL FILL CAVITY INSULATION BOARD TO COMMENCE 225MM BELOW INNER LEAF DPC LEVEL SUPPORTED BY WALL TIES COMPLETE WITH INSULATION RETAINING DISCS BEFORE DESCRIBED.
CAVITY FILLED WITH LEAN-MIX CONCRETE TO 300MM BELOW INNER LEAF DPC LEVEL WITH TOP OF CONCRETE FILLING TROWELLED TO SLOPE OUTWARDS.

DETAIL 6.1

SCALE 1/10



DETAIL 6.2

SCALE 1/10

Client
MR + MRS SOTO

Project
PROPOSED ALTERATIONS AND EXTENSION,
STAR COTTAGE,
1 PRESTON,
CHIPPENHAM,
WILTSHIRE.
SN15 4DX

Drawing Title
WORKING DRAWING.
SECTION 6.

Scale	Date	Drawn by
AS INDICATED	APRIL 2007	

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Project Number	Drawing Number
2006-25	19