Construction Notes To Be Read In Conjunction With Plans And Elevation Drawings

Please Note All Dimensions To Be Checked On Site Prior To Work Commencing. Some Areas Of Structure Covered Or Not Accessible.

It Is The Contractors Responsibility To Check Accuracy Before Ordering Materials And For Accuracy Of Material Schedules.

Preperations

REMOVE EXISTING ROOF COVERINGS AND STRUCTURE TO AREA OF SUN ROOM AND REMOVE FROM SITE.
TEMPORARY FENCE OFF WORK AREA AND ENSURE COMPLIANCE WITH LATEST HSE REGULATIONS AND APPROVED CODE OF PRACTICE AS WORK PROCEEDS

EXISTING FOUNDATIONS TO SUN LOUNGE AREA TO BE EXPOSED TO CHECK ADEQUACY FOR ADDITIONAL LOAD AREA AT COMMENCEMENT OF WORKS.

Superstructure Cavity Walls

TO MEET 'U' VALUE OF 0.28 W/M²°C
300mm CAVITY WALL TO COMPRISE ;-
100mm FACING BRICK OUTER SKIN
100mm DAITHERM INSULATION TO CAVITY
100mm BLOCKWORK. DUROX SUPABLOCK TOPLITE GT1 OR SIMILAR
RIDGID CORE INSULATION CAVITY CLOSERS BEHIND OUTER LEAF TO ENSURE PATH THROUGH REVEAL DOES NOT EXCEED 1.2 W/M²°C D.P.C. TO FORM EFFECTIVE BARRIER AT REVEALS, CILL AND CLOSERS.
THERMAL RESISTANCE PATH OF 0.45 m² K/W MIN
LEAVES OF CAVITY TO BE TIED TOGETHER AS WORK PROCEEDS WITH STOUT STAINLESS STEEL TWIST TIES BUILT IN AT 750mm CENTRES HORIZONTALLY AND 450mm VERTICALLY AT OPENING REVEALS.
MORTAR TO BE IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS AND TO BS EN 1996 1.1 2005 OR ABOVE
CAVITY TRAYS TO BE PROVIDED OVER LINTELS.

Roof Structure And Roof Coverings

TO MEET 'U' VALUE 0.16 W/m²°C
ROOF TILES TO BE CONCRETE INTERLOCKING TILES TO MATCH EXISTING.
ALL TILING TO BE FIXED IN ACCORDANCE WITH MANUFACTURES PRINTED INSTRUCTIONS AND HAVING REGARD FOR WIND SPEED EXPOSURE RATINGS AS DEFINED IN CP2 CHAPTER V PART 2 1972
ROOF TILING TO INCLUDE ALL MATERIALS INSTALLED TO BS 5534 : 2014
TILES TO BE LAID ON AND FIXED TO TREATED SOFTWOOD GRADED TILING LATHS. ALL NAILED TO RAFTERS, THROUGH AND OVER TYVEK 'SUARO' BREATHER MEMBRANE
ALL JOINTS TO LAP MINIMUM 150mm.
NOTE TILES TO BE SUITABLE FOR ROOF PITCH.

ALL STRUCTURAL TIMBER TO BE C16 FROM TRADA TABLES (SC3)
ALL TREATED IN ACCORDANCE WITH B.S. 5268 PART 5 1980
RAFTERS TO BE SECURELY FIXED TO :
100x 65mm WALL PLATE, IN TURN TO BE SECURED TO MASONRY WITH 30x5 GALVANISED STEEL ANCHORS AT MAX 2000mm CENTRES
30x5 GALVANISED STEEL LATERAL RESTRAINT STRAPPING SPANNING MINIMUM 3 No RAFTERS
CEILING TIES TO BE PROVIDED AT VERGE/CEILING LINES AT MAX 2000mm CENTRES.
PROVIDE SOFTWOOD NOGGINGS BETWEEN STRUCTURAL TIMBERS AT STRAP POSITIONS.

ROOF STRUCTURE TO VAULTED ROOF TO COMPRISE
47x147mm RAFTERS TR26
90x360mm PURLINS GL24
25x150mm LAYBOARDS
90x270mm RIDGE GL24

Roof Ventilation

TO COMPRISE PERMANENT ROOF VENTILATION EQUIVALENT TO 10mm WIDE TO FULL LENGTH OF EAVES AS MANUFACTURED BY GLIDVALE (25mm EQUIVALENT) REF FV250 FASCIA VENTILATOR WITH RV35 RAFTER VENTILATOR.
ALL VENTS TO BE INSECT AND VERMIN PROOF
INSTALL GLIDVALE CROSS RAFTER VENTILATORS TO RIDGES DIRECT TO RAFTERS. TO GIVE CONTINUOUS 5mm VENT AT RIDGE.
ALL TO MANUFACTURES PAINTED INSTRUCTIONS.

Roof Insulation

ROOF INSULATION TO VAULTED CEILING TO COMPRISE CELOTEX TUFF - RTM ZERO GA3000 2
90 + 50mm TWO LAYER SYSTEM BETWEEN AND UNDER RAFTERS
50mm VENTILATED SPACE ABOVE BOARDS
ALL INSTALLED TO MANUFACTURES INSTRUCTIONS.

BULKHEAD TO VAULTED CEILING TO COMPRISE
100x50mm STUDWORK WITH CELOTEX TUFF RTM ZERO GA3000 2 90mm PUSH FIT BETWEEN STUDS AND 50mm OVER TO ROOF SPACE SIDE
VAPOUR BARRIER TO HEATED SIDE.

Floor Joists

FIRST FLOOR JOISTS TO BE 89x235mm @ 400mm CENTRES
22mm T & G FLOORING, MOISTURE RESISTANT GRADE CHIPBOARD
TWO ROWS OF 30mm THICK SOLID TIMBER STRUTTING EQUALLY SPACED.
100mm SOUND DEADENING QUILT BETWEEN JOISTS.
JOIST HANGERS ON WALL PLATE SECURELY FIXED TO WALL
235x89mm WALL PLATE