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MARKED	REVISION	DATE
A	BLDG REGS AMENDS	02.09
B	BLDG REGS CONDITIONS ADDED	03.09

25MM CONTINUOUS VENT
BOTH SIDES OF EXTN.

CEILING JSTS 50x125 C16 @ 400 CTRS
50x150 SW C16 ROOF RAFTERS WITH 5x30MM
RESTRAINT STRAPS AT 1200 HORIZ. CTRS
WITH ONE END BUILT INTO THE WALL AND
SCREWED TO AT LEAST 3 RAFTERS WITH SOLID
NOGGINS. SAME DETAIL FOR THE CEILING
JOISTS

DOUBLE UP ALL CEILING JOISTS AND RAFTERS
AROUND THE ROOF LIGHT

ALL TIMBER/TIMBER CONNECTIONS USING JIFFY
HANGERS.

GLAZING TO THE DOORS TO BE
SAFETY TOUGHENED TO BS6206

WALL TO BE MIN 50MM FROM EDGE OF THE
CONCRETE FOUNDATION AT THE BOUNDARY
CONDITION.

FOUNDATIONS - 600 WIDE, 1:2:4
CEMENT:SAND:AGG MIX. DEPTH TO THE
SATISFACTION OF THE LOCAL AUTHORITY BCO
BUT MIN 1200MM
ASSUME CLAY STRATA

PITCHED ROOF (15 DEG)
ROOFING TILES - REDLAND REGENTS (MIN 12.5 DEG) ON SW TREATED ROOFING
BATTENS ON TYVEK OR SIMILAR BREATHABLE FELT ON 50x150 C16 RAFTERS @400
CTRS. CEILING 50x125 C16@400 CTRS WITH 100MM FIBRE GLASS INSULATION
BETWEEN JOISTS AND 170MM FIBRE GLASS OVER - MAINTAINING MIN 50MM AIRFLOW
AT THE EAVES- 30MM INSULATION BACKED PLASTERBOARD UNDERTACKED TO THE
JOISTS WITH 12.5MM FOIL BACKED GYPROC PLASTERBOARD AND SKIM FINISH. U
VALUE 0.20W/SQ.MK ACHIEVED. PROVIDE LEAD FLASHINGS WHERE NEW ROOF ABUTS
THE EXTG MAIN WALL.
SEE ENG CALCS SHEET 2 REGARDING THE DETAIL TO
SUPPORT THE ROOF RAFTERS ONTO THE TRIMMER TI

EXTERNAL WALL 102 BRKWRK 100 CAVITY FILLED
WITH DRITHERM 32 BATTS AND 100MM THERMALITE
BLOCKS INNER SKIN WITH LIGHTWEIGHT PLASTER.
PROVIDE STAINLESS STEEL CAVITY WALL TIES AT 450
VERT CTRS AND 900 HORIZ CTRS. DOUBLE UP WALL
TIES AROUND OPENINGS

DPC UNDER THE WINDOW CILLS

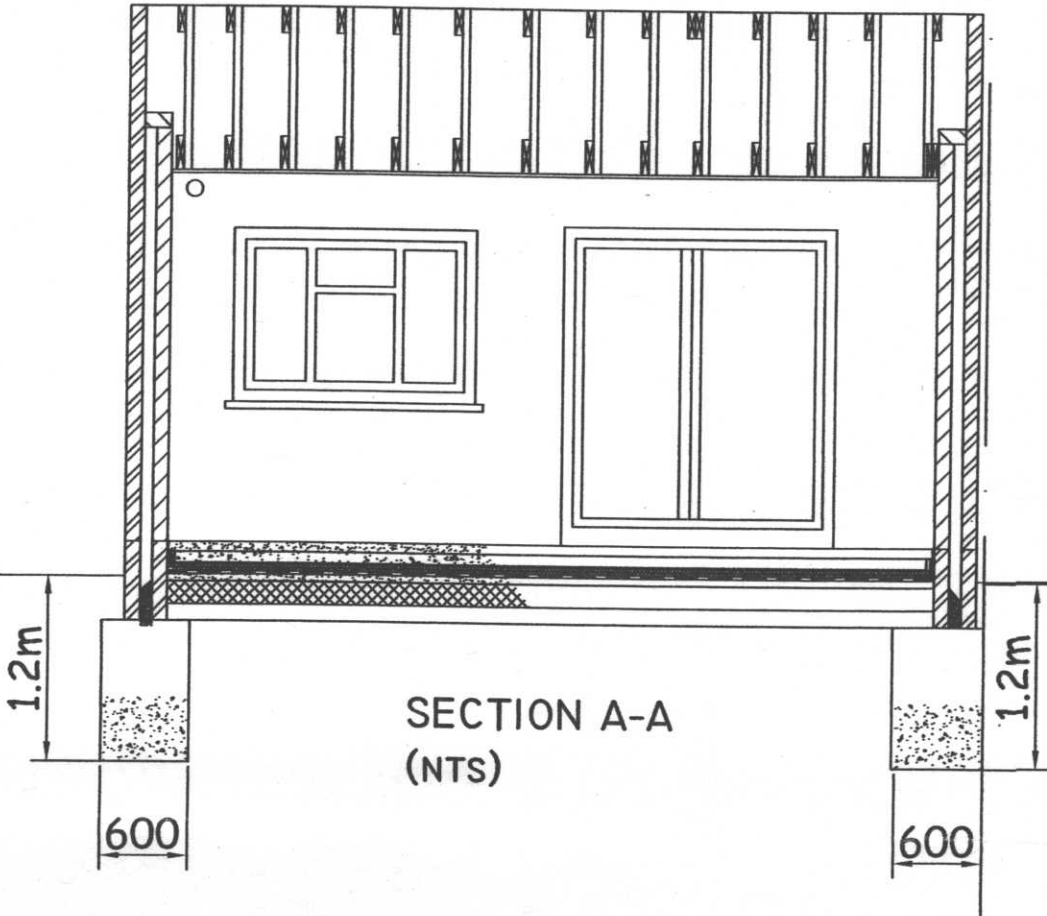
NOTE - THE FLOOR INSULATION TO BE
TURNED UP AT THE PERIMETER OF
THE EXTN

DPC TO BE AT LEAST 150MM FROM
THE OUTSIDE FINISHED GROUND
LEVEL.

FILL CAVITY TO WITHIN 225MM FROM THE DPC
OR THE OUTSIDE GROUND LEVEL WHICHEVER IS
THE LOWEST DPC NOT TO BRIDGE THE CAVITY

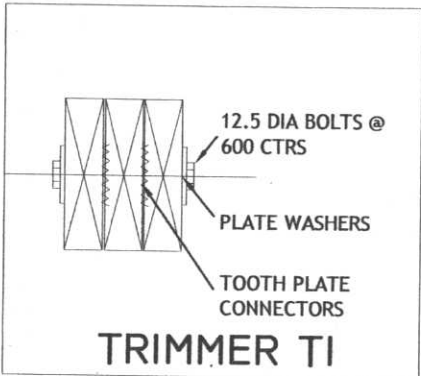
ALL CAVITIES TO BE CLOSED USING
THERMABATE CAVITY CLOSERS

TO USE THE EXTG FOUNDATION WHICH
WAS CONSTRUCTED AS A PARTY WALL
FOUNDATION IN AGREEMENT WITH THE
ADJOINING OWNERS.



SECTION A-A
(NTS)

SOLID FLOOR CONSTRUCTION
75MM SCREED ON 100MM 1:2:4 MIX CONCRETE ON 80MM CELOTEX
GA3000Z OR KINGSPAN INSULATION ON 1200G DPM ON 50MM SAND
BLINDING ON 150MM WELL COMPACTED HARDCORE. U= 0.22 W/SQM.K.
THE EXISTING FLOOR IS SUSPENDED TIMBER, THEREFORE PROVIDE MIN 3
AIR BRICKS TO THE REAR ELEVATION WITH MIN 100 DIA OR 1 PAIR OF 65
DIA DUCT PIPEWORK TO VENTILATE THE EXISTING UNDERFLOOR.



TRIMMER TI

NOTE ALL MULTIPLE UP MEMBERS TO
BE BOLTED TOGETHER USING 12.5 DIA
BOLTS WITH TOOTHPLATE
CONNECTORS AND PLATE WASHERS
AT 600 CTRS



PROJECT:
24 SPENCER AVE
HAYES
UB4 0QX

DESIGN 169N
ARCHITECTURAL AND STRUCTURAL
DESIGN CONSULTANTS



DRAWING TITLE:
**PROP CROSS
SECTION.**

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