ELECTRICAL INSTALLATION

TO COMPLY WITH APPROVED DOCUMENT M - 2004 EDITION: PART M1, SECTION 8 & APPROVED DOCUMENT P - 2004 EDITION.

APPROPRIATE HEIGHTS FROM FINISHED FLOOR LEVEL.	TYPE OF ELECTRICAL OUTPUT.
450MM	SOCKETS, T.V. POINTS, TELEPHONE JACK POINTS.
1200MM	LIGHT SWITCHES, DOORBELLS.

ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.

PRIOR TO COMPLETION THE COUNCIL SHOULD BE SATISFIED THAT PART P HAS BEEN COMPLIED WITH. THIS MAY REQUIRE AN APPROPRIATE BS 7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO.

VENTILATION

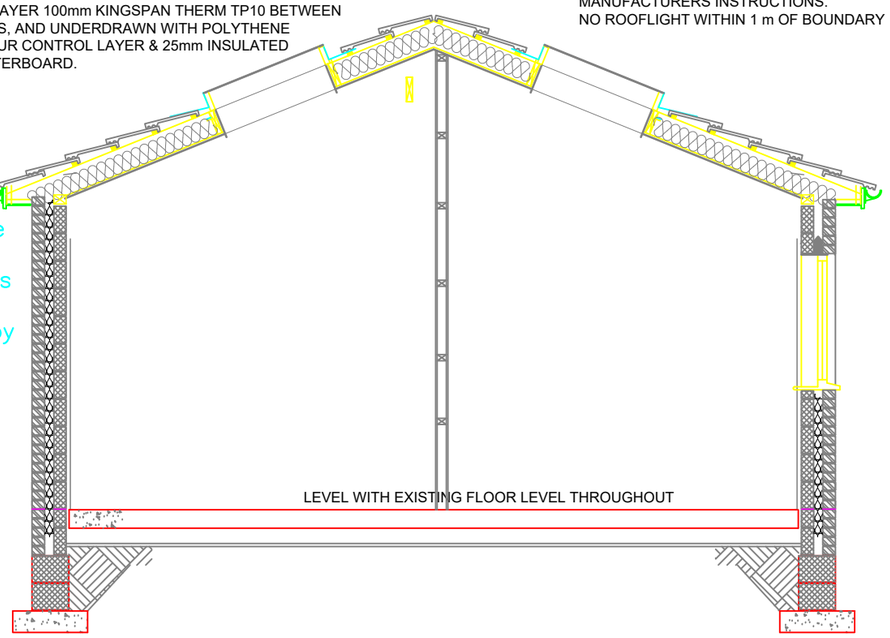
EXTRACT VENTILATION RATES:

KITCHEN	13 l/s
UTILITY	8 l/s
WC	6 l/s
BATHROOM	8 l/s
EN-SUITE	8 l/s
TOTAL ACHIEVED	43 l/s
TOTAL REQUIRED	36 l/s

ROOF STRUCTURE TO ENGINEERS DESIGN TO INCORPORATE 2 NO. ROOFLIGHT OPENINGS. 195X50 S'WD ROOF JOISTS TO PROVIDE MIN 15 deg. PITCH TO EAVES GUTTER.
ONE LAYER 100mm KINGSPAN THERM TP10 BETWEEN JOISTS, AND UNDERDRAWN WITH POLYTHENE VAPOUR CONTROL LAYER & 25mm INSULATED PLASTERBOARD.

ROOF LIGHTS, MANUFACTURED, SUPPLIED BY SPECIALIST INTO PREPARED DOUBLE RAFTER STRUCTURAL OPENING AND INCLUDING INTEGRAL FLASHINGS FIXED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
NO ROOFLIGHT WITHIN 1 m OF BOUNDARY

boundary line to be established & agreed before works commence.
No encroachment by superstructure, outlet grilles or foundations over boundary.



SECTION @ 1:50

THESE NOTES TO BE READ AND INTERPRETED IN RELATION TO THE SCOPE OF WORKS WHICH IS TO CARRY OUT PRELIMARY WORKS AS REQUIRED TO PREPARE & PROTECT WORK AREA, INCLUDING ACCESS AND STORAGE OF MATERIALS, AND CONSTRUCT A NEW SINGLE STOREY EXTENSION WITH INTERNAL STRUCTURAL ALTERATIONS.
THESE NOTES ARE FOR BUILDING REGUL;ATIONS ONLY AND DO NOT REPRESENT A FULL SCHEDULE OF WORKS.
THE CONTRACTOR SHOULD INCLUDE FOR ALL WORKS INDICATED OR INFERRED ON THESE DRAWINGS.
DUE DILIGENCE AND CARE TO BE TAKEN WITH REGARD TO EXISTING & ADJACENT PROPERTIES AND REINSTATEMENT.

NOTES

EXTERNAL WALLS
Externally rendered to match existing, 100mm cavity to be partially filled with 50mm Celotex CW 4000 insulation and 100mm thick Celcon Standard blockwork inner and outer skins (or similar approved) with a minimum strength of 3.6N/mm2 finished internally with 12.5mm plasterboard on dabs and skim finish.
Provide vertical joint against existing walls with wall tie restraint, easily compressible filler, and externally sealed with flexible mastic.

D.P.C.
Horizontal dpc to BS 743 to all walls positioned 150mm minimum above finished ground level.

CAVITY TIES
Stainless steel ties to BS 1243 every 750mm horizontally and every 450mm vertically set in diamond pattern to give 7no ties per m.sq. minimum. Additional ties at 300mm vertical centres adjacent to openings.

CAVITY CLOSERS
Cut block closure to eaves and verges or cement board. Thermabate or similar proprietary insulated cavity closers around window and door openings.

LINTELS
Suitable combined steel lintels over all openings in external walls. All lintels to be insulated and have minimum end bearings as specified by manufacturer or 150mm minimum. All lintels to be encased to give half-hour fire resistance.

WINDOWS AND DOOR FRAMES
UPVC frames throughout - finish to client specification. Window opening lights to all rooms 5% minimum room floor area. All windows to manufacturers design to achieve an overall U value of 1.4W/m² °K or lower. All glazing to critical areas as defined in the Building Regulations Approved Document N to be toughened safety glass to BS 6206. Background ventilation to be provided in accordance with Approved Document F of the Building Regulations.

ROOF.
Concrete interlocking tiles suitable for 22 deg pitch., on battens on breathable felt on s'wd roof joists, 150x50 @ 450 crs, with double members to rooflight openings, all structure bearing onto timber wallplate to new walls and built in joist hangers against existing gable.
Wall plate strapping @ 2m crs.
Stepped flashing to existing house wall.

RAINWATER GOODS.
110mmØ half round PVCu gutters discharging into 68mmØ PVCu rainwater pipes discharging into back inlet gullies at positions shown. Refer to final drainage layout for exact positions.

UPVC DOUBLE GLAZED WINDOWS ROOFLIGHT AND DOORS BY SPECIALIST

TILE FLOOR FINISH ON 75mm S/C SCREED ON 100mm KINGSPAN T100 FLOOR INSULATION, ON 1200g VISQUEEN DPM ON 125mm OPC CONCRETE FLOOR SLAB, ON MIN 150mm COMPACTED HARDCORE.
25mm KINGSPAN TF70 INSULATION TO FLOOR EDGES

OPC CONCRETE STRIP FOUNDATIONS TO SUITABLE LOAD-BEARING STRATA TO BCO APPROVAL.
IF CLAY, THEN MIN 900MM DEPTH.
ALL EXISTING FOUNDS SUBJECT TO ADDITIONAL LOADINGS TO BE VERIFIED BY BCO.

Project 48 SOUTH CRESCENT, MANCHESTER
Proposed single storey Rear Extension
Drawing Title Proposed Sectional detail

Date **July 2021** Initial **OB** Scale **as indicated** Drawing No: **1342-03**

All dimensions to be checked on site prior to works being commenced.
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