SUSPENDED CEILING
925 X 600/1625 X 600/1625 MM HIGH GRADE, GLASS FIBRE REINFORCED, ACOUSTIC, WHITE PAINTED, GYPSUM TILE WITH ACOUSTIC PERFORATION AS MICRO - SQUARE 3X3MM C/C 8.33MM TYPE M

CONTUR TILES ARE WITH EDGE D AND ARE TO BE INSTALLED CONCEALED AND FULLY ACCESSIBLE BY 6 NOS. GALVANISED METAL SUSPENSION CLIPS, SIZE 40X40MM. THE TILES ARE FURNISHED WITH A GREY/WHITE ABSORBENT FELT BACKING WITH AN AIRFLOW RESISTANCE OF 330-460 NS/M (DIN 53887).

COLOUR
WHITE, NCS 0701 Y12R, GLOSS 5 (STANDARD) - CLOSEST MATCH FOR REPAINTING. NCS 0700/RAL 9003.

PAINT TYPE.
WATERBASED ACRYLIC EMULSION PAINT INCLUDING TITANIUM FOR HYGIENIC INDOOR CLIMATE.
LIGHT REFLECTION: 82.6% ACCORDING TO DIN NORM 5036

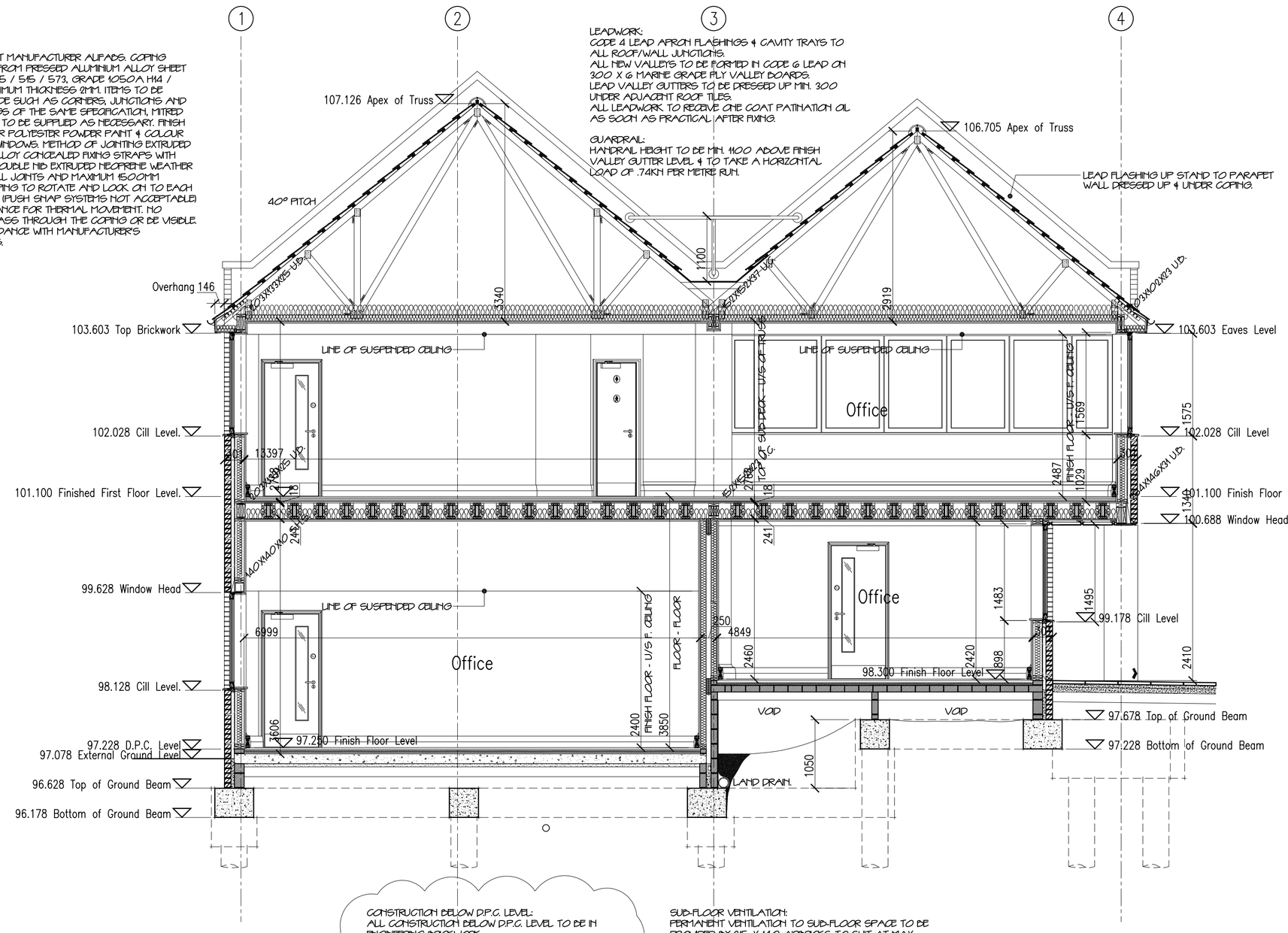
FIRE CLASS.
FULL PERFORATED - A2-S1D0
PART-, HIGH-PERFORATED - D-S1D0

SUSPENSION.
THE 24MM T-GRD SUSPENSION SYSTEM FROM APPROVED MANUFACTURERS CONSISTS OF 38MM MAIN RUNNERS, SPACER BARS AND WALL ANGLES AS MENTIONED ON DRAWINGS FOR CEILING DETAILS. ALL VISIBLE SURFACES PAINTED IN WHITE COLOUR AND INSTALLED AS PER MANUFACTURERS RECOMMENDATION.

CHARACTERISTICS.
THE TILES SHALL BE MANUFACTURED FROM HIGH GRADE NON-COMBUSTIBLE GLASS FIBRE REINFORCED GYPSUM BOARD PRODUCED ACCORDING TO EN 520. TESTED TO MEET THE SAFETY REQUIREMENTS OF EN 14190.
TESTED IN ACCORDANCE WITH EN 13501-1 TO ACHIEVE MINIMUM FIRE CLASSIFICATION D-S1D0.
RESISTANT TO 70% RH AND SHORT TERM EXPOSURE FOR HIGHER HUMIDITY.
NON HAZARDOUS AND FULLY RECYCLABLE.

FIRST FLOOR CONSTRUCTION:
18MM CHIPBOARD ON 47X0. LAYERS OF 18MM PLASTERBOARD PLANK ON 25MM SOUND INSULATION ON 18MM CHIPBOARD SUB DECK. JOISTS ARE GLY ENGINEERED I BEAMS 241 DEEP AT 400C/C. WITH 150 GROWNWOOL QUILT INSULATION IN BETWEEN & 10MM RESILIENT BAR, 15MM FIRELINE BOARD, 15MM SOUNDBLOCK BOARD & 5MM SKIM FINISH TO UNDERSIDE OF JOISTS.
47X0. JOISTS FIXED TOGETHER UNDER PARTITIONS RUNNING PARALLEL TO FLOOR JOISTS UNLESS OTHERWISE INDICATED.
ALL NEW TRIMMERS TO BE CONSTRUCTED FROM ENGINEERED VERSALAM BEAMS.

COPING.
BY SPECIALIST MANUFACTURER ALIFABS. COPING FABRICATED FROM PRESSED ALUMINIUM ALLOY SHEET TO BS EN 485 / 515 / 573, GRADE 1050A H14 / A2/S-H12, MINIMUM THICKNESS 2MM, ITEMS TO BE PURPOSE-MADE SUCH AS CORNERS, JUNCTIONS AND OTHER FITTINGS OF THE SAME SPECIFICATION, MITRED AND WELDED, TO BE SUPPLIED AS NECESSARY. FINISH TO BE HILL OR POLYESTER POWDER PAINT IN COLOUR TO MATCH WINDOWS. METHOD OF JOINTING EXTRUDED ALUMINIUM ALLOY CONCEALED FIXING STRAPS WITH PROTECTED DOUBLE HD EXTRUDED NEOPRENE WEATHER SEALS AT ALL JOINTS AND MAXIMUM 1500MM CENTRES. COPING TO ROTATE AND LOCK ON TO EACH FIXING STRAP (PUSH SNAP SYSTEMS NOT ACCEPTABLE) WITH ALLOWANCE FOR THERMAL MOVEMENT. NO FIXINGS TO PASS THROUGH THE COPING OR BE VISIBLE. FIX IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.



Section B-B

LEADWORK:
CODE 4 LEAD APRON FLASHINGS & CAVITY TRAYS TO ALL ROOF/WALL JUNCTIONS.
ALL NEW VALLEYS TO BE FORMED IN CODE 6 LEAD ON 300 X 6 MARINE GRADE PLY VALLEY BOARDS.
LEAD VALLEY GUTTERS TO BE DRESSED UP MIN. 300 UNDER ADJACENT ROOF TILES.
ALL LEADWORK TO RECEIVE ONE COAT PATINATION OIL AS SOON AS PRACTICAL AFTER FIXING.

GUARDRAIL:
HANDRAIL HEIGHT TO BE MIN. 1100 ABOVE FINISH
VALLEY GUTTER LEVEL & TO TAKE A HORIZONTAL LOAD OF .74KN PER METRE RUN.

CONSTRUCTION BELOW D.P.C. LEVEL:
ALL CONSTRUCTION BELOW D.P.C. LEVEL TO BE IN ENGINEERING BRICKWORK.
ALL EXPOSED BRICKWORK TO BE IN FACINGS & ALL OTHER BRICKWORK TO BE IN CONCRETE COMMONS.

CAVITY FILL:
LEAN MIX CONCRETE CAVITY FILL AGGREGATE CEMENT RATIO 18:1 SPLAYED TO WEEPHOLES IN EXTERNAL LEAF MIN. 225 BELOW LOWEST D.P.C. LEVEL.
WEEPHOLES TO BE FORMED BY BUILDING IN GUDEVALE MICROVENTS AT MAX. 900C/C.

LOWER GROUND FLOOR CONSTRUCTION:
MIN U VALUE 0.2W/M²K.
22MM CHIPBOARD ON 75 CELOTEX TRUFF-R INSULATION ON 1200 GAUGE VISQUEEN D.P.M. ON MIN. 150 CONCRETE SLAB WITH 0.10 LAYER OF A393 MESH TO TOP & BOTTOM OF SLAB MIN. 50MM COVER ON MIN. 1200 GAUGE VISQUEEN D.P.M. LINKED & LAPPED WITH HORIZONTAL D.P.C., ALL SERVICE ENTRIES TO BE SEALED WITH PRESSURE SENSITIVE TAPE, ON MIN. 150 SANDBLINDING ON MIN. 150/MAX. 600 WELL CONSOLIDATED HARDCORE.

SUB-FLOOR VENTILATION:
PERMANENT VENTILATION TO SUB-FLOOR SPACE TO BE PROVIDED BY 215 X 140 AIRBRICKS TO SUIT AT MAX 2000C/C. IN PERIMETER WALL TO GIVE EQUIVALENT OF CONTINUOUS 3 AIR GAP.
INTERNAL WALLS TO INCORPORATE 215 X 140 AIRBRICKS TO SUIT AT MAX3. 2000C/C. TO ALLOW AIR TO CIRCULATE THROUGHOUT SUB-FLOOR VOID.

ROOF CONSTRUCTION:
MIN. U VALUE 0.2 W/M2.
PITCH 40°
SANDTOFT BATTLOCK REGULAR NATURAL SLATE OR SIMILAR TO BE APPROVED WITH PHOTOVOLTAIC INTEGRATED TILES ON TREATED S.W. BATTENS TO SUIT MANUFACTURERS SPECIFICATION ON TYVEK BREATHEABLE MEMBRANE ON GANGNAIL ROOF TRUSSES AT MAX. 600C/C. BY SPECIALIST. TRUSSES TO BE DESIGNED & BRACED IN ACCORDANCE WITH BS. 5268: PART 3: 1985 & MANUFACTURERS SPECIFICATION.
100 GROWNWOOL FIBREGLASS QUILT INSULATION LAID BETWEEN CEILING CHORD OF TRUSS AND 100 GROWNWOOL LAID PERPENDICULAR ACROSS THE CEILING CHORD TO MINIMISE COLD BRIDGING WITH 1NO. LAYER OF 15MM FIRELINE BOARD AND 1NO LAYER OF 15MM SOUNDBLOC BOARD AND 5 PLASTER SKIM FINISH TO SOFFIT.
CALCULATIONS FOR ROOF TRUSSES TO BE SUPPLIED BY SPECIALIST PRIOR TO COMMENCEMENT OF BUILDING WORKS ON SITE.

PERMANENT VENTILATION TO ROOF SPACE:
PERMANENT VENTILATION TO ROOF SPACE TO BE PROVIDED BY GUDEVALE CONTINUOUS OVER FASCIA VENTILATOR TO GIVE MIN 25 CONTINUOUS AIR GAP AT EAVES, WITH GUDEVALE CROSS FLOW EAVES VENTILATOR
WHERE CROSS VENTILATION IS NOT POSSIBLE, GUDEVALE SLATE/TILE VENTS TO BE PROVIDED AT HIGH LEVEL TO GIVE EQUIVALENT OF 5 CONTINUOUS AIR GAP.

LATERAL RESTRAINT:
30 X 5 BAT OR SIMILAR M.S. STRAPS TO PROVIDE LATERAL RESTRAINT TO EXTERNAL WALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION & BS5628/PART 1:1978.
TO CEILING JOISTS/CEILING LINE OF TRUSSES AT MAX. 1250C/C.
TO RAFTERS/GABLE PEAKS OF TRUSSES AT MAX. 1250C/C.
TRUSSES TO BE FIXED TO 100 X 75 TREATED S.W. WALLPLATES WITH M.S. TRUSS CLIPS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
RAFTERS TO BE FIXED TO 100 X 75 TREATED S.W. WALLPLATES WITH BAT OR SIMILAR M.S. FRAMING ANCHORS (TYPE A) TO SUIT.

UPPER GROUND FLOOR CONSTRUCTION:
MIN U VALUE 0.2W/M²K.
22MM CHIPBOARD ON 75 CELOTEX TRUFF-R INSULATION TURNED UP AT PERIMETER OF SLAB USING 25 CELOTEX TUFF R INSULATION ON 1200 GAUGE VISQUEEN D.P.M. ON PROPRIETARY BEAM & BLOCK FLOOR LAID IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
DEPTH OF BEAMS TO BE IN ACCORDANCE WITH STRUCTURAL ENGINEER'S CALCULATIONS.

FOUNDATIONS:
SEE STRUCTURAL ENGINEER'S DRAWING NO. 09364-S-001 FOR FOUNDATION SETTING OUT, DETAILS & SIZES.

SUB-FLOOR VENTILATION:
PERMANENT VENTILATION TO SUB-FLOOR SPACE TO BE PROVIDED BY 215 X 140 AIRBRICKS TO SUIT AT MAX 2000C/C. IN PERIMETER WALL TO GIVE EQUIVALENT OF CONTINUOUS 3 AIR GAP.
INTERNAL WALLS TO INCORPORATE 215 X 140 AIRBRICKS TO SUIT AT MAX3. 2000C/C. TO ALLOW AIR TO CIRCULATE THROUGHOUT SUB-FLOOR VOID.

Note:
THIS DRAWING TO BE READ IN CONJUNCTION WITH PETIT SINGLETON MECHANICAL & ELECTRICAL DRAWINGS

SERVICES.
ALL WORK & INSTALLATIONS TO COMPLY WITH REGULATIONS & RECOMMENDATIONS OF THE RELEVANT BOARD OR AUTHORITY, TO THE SATISFACTION OF THEIR INSPECTOR.
WATER MAIN TO BE 750 BELOW GROUND LEVEL & RISER TO SLAB TO BE FITTED WITH AN INSULATION SLEEVE.
GAS MAIN TO HAVE MIN. 375 GROUND COVER
ELECTRICITY MAIN TO HAVE 450 GROUND COVER & ELECTRICAL INSTALLATION TO COMPLY WITH IEE REGULATIONS. ANY PIPEWORK RUNNING OUTSIDE INSULATED SHELL OF BUILDING TO BE INSULATED. ALL HOT WATER PIPES IN ROOF SPACE & HOT WATER CYLINDER SHOULD BE ADEQUATELY INSULATED IF CENTRAL HEATING SYSTEM IS TO BE PROVIDED. ROOM THERMOSTATS OR RADIATOR THERMOSTATIC VALVES TO BE FITTED.

Notes

Copyright in all documents and drawings prepared by the Architect and any work executed from these documents and drawings shall, unless otherwise agreed, remain the property of the Architect.

Do not Scale off this drawing.

All dimensions to be checked on site and any discrepancies to be referred to the Architect before proceeding.

All levels to be checked on site.

All discrepancies between information shown on the drawing and information in the specification to be referred to the Architect prior to proceeding.

All omissions to be referred to the Architect prior to proceeding.

All component sizes and references to be checked prior to ordering of materials.

Positions of existing drainage runs to be confirmed prior to proceeding and drains checked as necessary.

All relevant boundary positions to be checked prior to proceeding.

Planning permission is beyond the Architect's control and no guarantee that it will be granted can be given.

Amendments

A. JEB 04/04/2011 NOTES ADDED.
B. JEB 18/04/2011 NOTES AMENDED.

Client
J Eaves Esq.

Job Title
Proposed Offices
at
East Cliff Road
Preston

Drawing Title
Section B-B
As Proposed

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Scale	Date	Drawn
1:50	14/12/10	JEB

Drg. No. 1704/09 | Rev. B