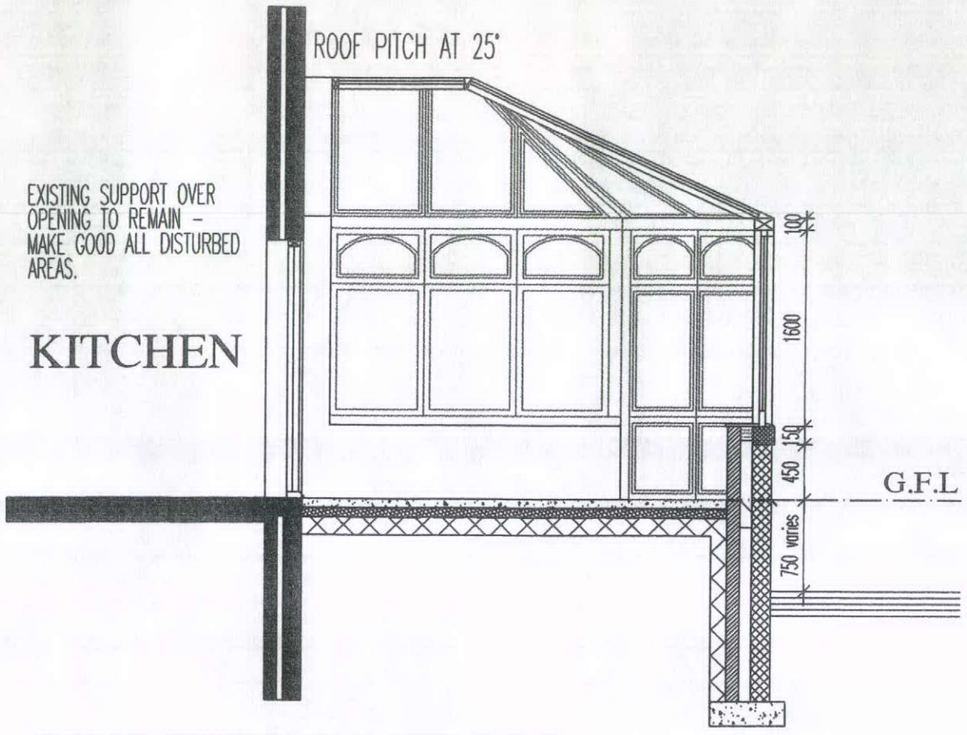
PROPOSED SECTION 1:50



EXISTING REAR WINDOW OFF KITCHEN TO BE OPENED UP TO FORM A 1200mm FRENCH DOOR OPENING TO LEAD INTO NEW CONSERVATORY.
NEW CONSERVATORY TO BE CONSTRUCTED IN HARDWOOD TIMBER IN TRADITIONAL STYLE SHOWN, OFF NEW STRIP FOOTINGS TO A DEPTH OF MIN 600mm BELOW GROUND (UPTO 1000mm). FLOOR TO BE SUSPENDED SLAB OR 225mm DEEP BEAM AND BLOCK, FULLY VENTED FOR RADON, 1200g DPM, 75mm INSULATION, 500g BARRIER, 75mm REINFORCED SCREED.
EXTERNAL DWARF WALL TO BE BUILT UP WITH 100mm 3.6N HEMELITE BLOCK. 100mm FULLY INSULATED OR PARTIAL FILL CAVITY AND 150mm EXTERNAL COURSED AND DRESSED GRITSTONE TO MATCH EXISTING WITH MATCHING 150mm DEEP GRITSTONE CILL.

SPECIFICATION:

FOUNDATIONS

CONCRETE STRIP MIN. 600 x 300min. THICK TO CAVITY WALLS & MIN. 450 x 200 THICK TO 1/2 BRICK / LOADBEARING WALLS TO SITE SPECIFIC ENGINEERS DETAILS OR 425 WIDE CONCRETE TRENCH FILL FINISHED AT LEAST 150 BELOW G.L IN CLAY SOIL NOT AFFECTED BY TREE GROWTH OR REMOVAL. DEPTH OF FOUNDATIONS TO SUIT GROUND CONDITIONS TO FIRM BED & TO APPROVAL OF BUILDING INSPECTOR. N.B. PRECAUTION AGAINST ROOT DAMAGE TO BE AGREED ON SITE WITH BUILDING INSPECTOR AND TO NHBC STANDARDS - CHAPTER 4.2.

GROUND FLOOR

75 POWERFLOAT FINISH TO CONCRETE ON 75 XTRATHERM XT / UF INSULATION ON 300 um 1200g POLYTHENE DPM ON 150 CONSOLDATED SAND BLINDED HARDCORE. N.B WHERE HARDCORE FILL EXCEEDS 600. FLOOR SLAB TO BE SUSPENDED & REINFORCED TO NHBC STANDARDS - CHAPTER 4.5. JUNCTIONS WITH LOADBEARING WALLS & EXTERNAL WALLS TO BE CONSTRUCTED AS TO PREVENT "COLD BRIDGING".

SERVICES

COLD WATER SERVICE PIPES TO BE INSULATED THROUGHOUT LENGTH IN SUBFLOOR WITH FOAMED PLASTIC MIN THICKNESS 25mm FOR 15 DIA PIPE & 19mm FOR 22 - 28mm DIA PIPE. WALL INSULATION (MIN. THERMAL RESISTANCE OF 0.6 M^2K/W) BUILT IN BEHIND RECESSED METER BOXES. ELECTRICAL INSTALLATIONS TO BE IN ACCORDANCE WITH BS.7671. W.E INDICATES WATER ENTRY POINT.

DPC

ASTOS OR EQUAL CONTINUOUS DPC MIN. 150mm ABOVE F.G.L WITH D.P.M. UNDER GROUND FLOOR.
CAVITIES FILLED WITH WEAK MIX CONCRETE TO WITHIN 225mm OF F.G.F.L.

EXTERNAL WALLS

350mm CAVITY CONSTRUCTION WITH WALL TIES TO BS.1243:1978 @ 750c/c HORIZONTALLY & 450c/c VERTICALLY & 450c/c VERTICALLY STAGGERED. WALL COMPRISING 150mm COURSED STONE TO MATCH EXISTING, 100mm CAVITY 50mm XTRATHERM POLYISO XT / CW ZERO ODP INSULATION WITH 50mm AIR GAP MAINTAINED (OR FULL FILL) TO GIVE MAX. O/A U VALUE OF 0.29 WITH INTERNAL SKIN OF 3.6N HEMELITE
OR EQUIVALENT BLOCKS INNER LEAF AS SHOWN WITH 13mm PBD ON DABS DRY LINING.
DRY LINING TO BE SEALED WITH CONTINUOUS RIBBONS OF ADHESIVE AT PERIMETERS OF EXTERNAL WALLS, OPENINGS AND AT JUNCTION WITH SKIRTING AND CEILING. POLYTHENE DPC /
CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES TO BE CLOSED AROUND EXTERNAL OPENINGS WITH PROPRIETARY CLOSURE WITH MIN. THERMAL RESISTANCE PATH OF 0.45M K/W. WEEPHOLES TO BE PROVIDED AT ALL EXTERNAL OPENINGS.

MEANS OF WARNING AND ESCAPE

1 No SELF CONTAINED MAINS OPERATED SMOKE ALARM TO BS.5446:PART 1. TO BE INSTALLED ON EACH STOREY INDICATED THUS:- SD⊠ INTERCONNECTED & WIRED TO A SEPARATELY FUSED CIRCUIT WITH A DEDICATED MONITORING DEVICE FOR MAINS FAILURE.
ALL INNER ROOMS WHERE APPLICABLE & ALL FIRST FLOOR HABITABLE ROOMS TO BE FITTED WITH A WINDOW CONFORMING TO APPROVED DOCUMENT B1 SECTION 2, PARAGRAPH 2.11 OF 2000 BUILDING REGULATIONS.

PLEX LODGE, BISHOPS LANE

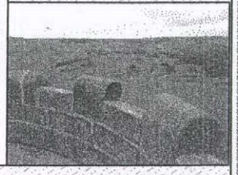
HPK/2013/0340
HIGH PEAK
3 JUL 2013
BOROUGH COUNCIL

DWG: PROPOSED PLEX LODGE BISHOPS LANE, BUXTON

1:50	CHECKED:
DATE: MAY 10	DRAWN:

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A.J.S ARCHITECTURE
32 carr road.
buxton.
derbyshire.
sk17 6wf.
h: 01298 26062
m: 07794 400237



PROPOSED 06

PLEX LODGE