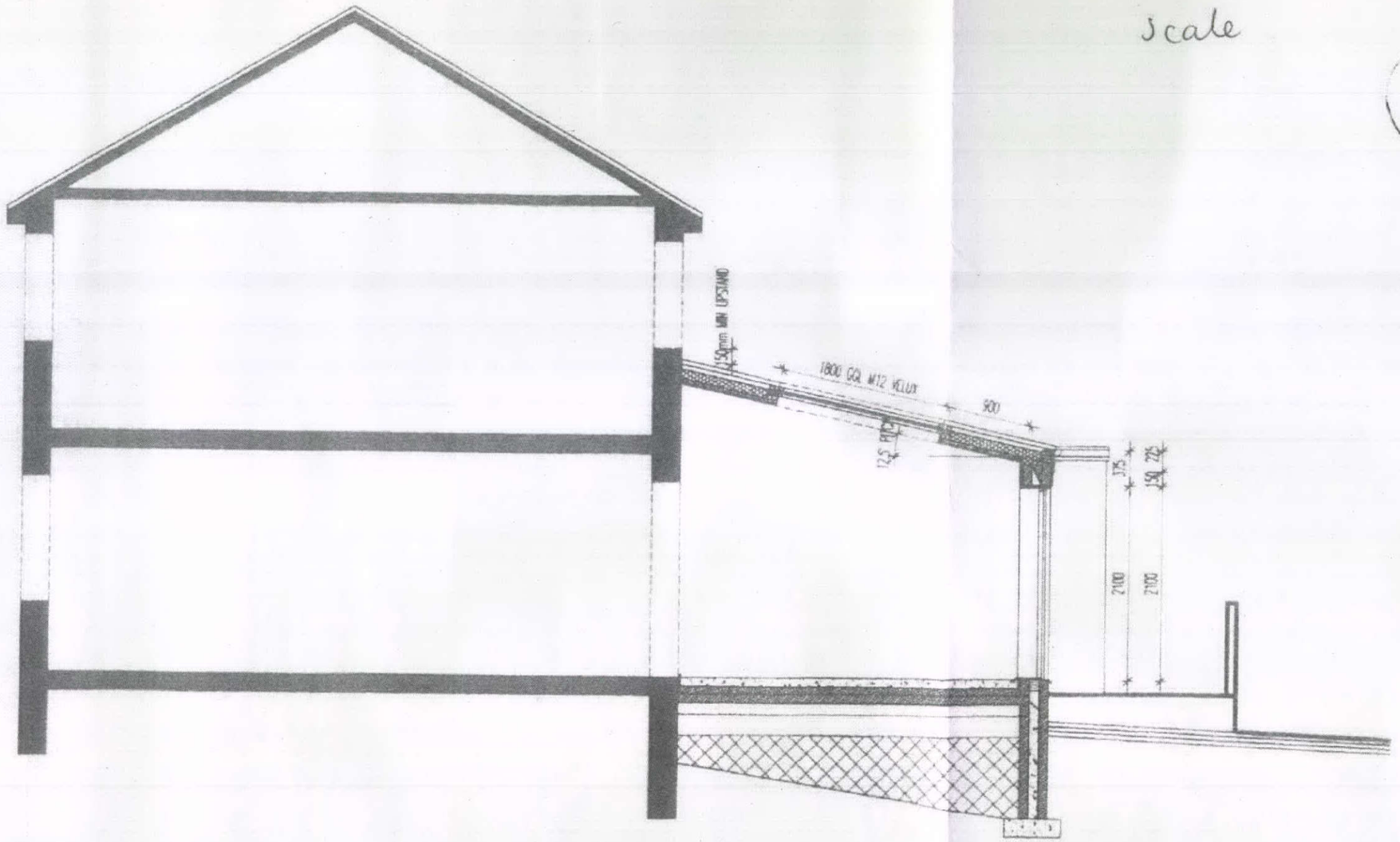
HPK/2013/0460

HIGH PEAK

3 SEP 2013

BOROUGH COUNCIL

all drawings are 1:50 scale



PROPOSAL IS TO DEMOLISH THE EXISTING UPVC CONSERVATORY TO THE REAR AND CONSTRUCT A NEW SINGLE STOREY EXTENSION THAT WILL ADJOIN THE EXISTING ANNEX BUILDING THAT IS TO REMAIN TO THE SIDE.

NEW STRIP FOOTINGS ARE TO BE MIN 600x300 AT DEPTH OF 1000mm OR TO SUIT GROUND CONDITIONS. FOUNDATION WALLS TO BE 100mm 3.6N HEMELITE (OR SIMILAR). 100mm WEAK MIX CONC. FILL UPTO 225mm BELOW DPC. NEW FLOOR TO BE MIN 225mm DEEP BEAM AND BLOCK FLOOR WITH 3.6N HEMELITE BLOCKS LAID FLAT WITH BEAMS TO MANUFACTURERS DETAILS, 1200g DPM, 75mm XTRATHERM XT/UF AND 100mm SCREED OVER. ALLOW FOR 25mm PERIMETER INSULATION AT ALL JUNCTIONS TO PREVENT COLD BRIDGING. FLOOR GIVES 'U' VALUE OF 0.22. MAKE-UP LAID TO LINE IN WITH EXISTING HOUSE FLOOR LEVEL.

NEW STRUCTURE IS TO BE 300 O/A WITH 100mm OUTER BLOCK RENDERED TO MATCH EXISTING, 100mm CAVITY WITH 50mm XTRATHERM POLYISO XT INSULATION MAINTAINING 50mm AIR GAP. 100mm 3.6N HEMELITE OR SIMILAR INTERNAL BLOCKWORK WITH 12.5mm PBD ON DABS. STRUCTURE GIVES U VALUE OF 0.29.
ROOF OVER TO BE RAFTERS (150x75) AT 400mm ctrs BUILT OFF 100x75 WALLPLATE (STRAPPED TO WALL AT 1200ctrs). 100mm CELOTEX TO THE SLOPING CEILING (MAINTAINING 50mm AIR GAP) AND UNDERDRAWN WITH 40mm CELOTEX AND PBD. ROOF COVERINGS ARE TO BE INTERLOCKING TILES TO MATCH WITH ONDUTILE MEMBRANE BELOW TO BE USED IN CONJUNCTION WITH TILE AT PROPOSED ROOFING PITCH OF 12.5°. ALL RAINWATER GOOD ARE TO BE BLACK PLASTIC TO MATCH.
NEW VELUX ROOFLIGHTS ARE TO BE GGL M12 (780x1800) FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

BI-FOLD SLIDING SCREEN DOORS ARE TO BE ARGON FILLED LOW 'E' DOUBLE GLAZED UNITS WITH 'U' VALUE OF 1.2 - 1.8 (SCREEN IS TO BE OAK VENEERED AS PER MANUFACTURERS DETAIL FINISH). ALLOW FOR PROPRIETORY CAVITY CLOSERS TO ALL OPENINGS AND WEEP HOLES WHERE APPLICABLE.
ALLOW FOR A CATNIC CAVITY LINTOL OVER TO SPAN 3600mm OPENING WITH WALLPLATE OVER. DETAILS TO BE SUPPLIED OF STRUCTURAL COMPLIANCE.

EXISTING SECTION THRO' EXTENSION 1:50

14 FERNEYDALE AVE

DWG:
14 FERNEYDALE AVENUE
BUXTON

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