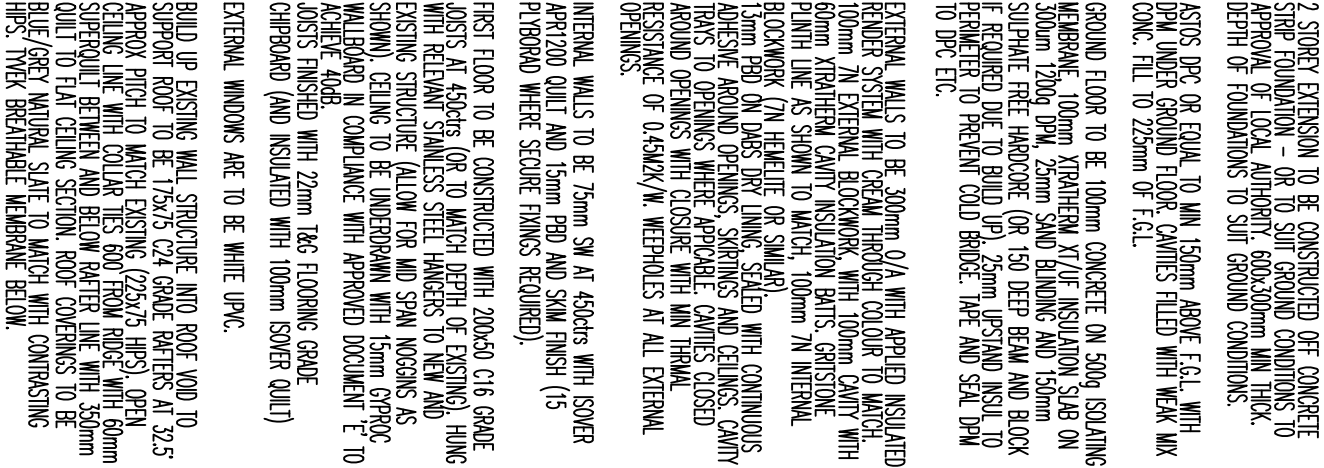


0M	1M	2M	3M



2 STOREY EXTENSION TO BE CONSTRUCTED OF CONCRETE STRIP FOUNDATION - OR TO SUIT GROUND CONDITIONS TO APPROVAL OF LOCAL AUTHORITY. 600x300mm MIN THICK. DEPTH OF FOUNDATIONS TO SUIT GROUND CONDITIONS.

ASTOS DPC OR EQUIV. TO MIN. 150mm ABOVE F.G.L. WITH DPM UNDER GROUND FLOOR. CAVITIES FILLED WITH WEAK MIX CONC. FILL TO 225mm OF F.G.L.

GROUND FLOOR TO BE 100mm CONCRETE ON 500g ISOLATING MEMBRANE. 100mm XTRATHERM XT/UE INSULATION SLAB ON 300mm 1200g DPM, 25mm SAND BLINDING AND 150mm SULPHATE FREE HARDCORE (OR 150 DEEP BEAM AND BLOCK IF REQUIRED DUE TO BUILD UP). 25mm UPSTAND INSUL. TO PERIMETER TO PREVENT COLD BRIDGE. TAPE AND SEAL DPM TO DPC ETC.

EXTERNAL WALLS TO BE 300mm O/A WITH APPLIED INSULATED RENDER SYSTEM WITH GREASE THROUGH COLOUR TO MATCH. 100mm XN EXTERNAL BLOCKWORK, WITH 100mm CAVITY WITH 60mm XTRATHERM CAVITY INSULATION Batts. GRIESTONE PLINTH LINE AS SHOWN TO MATCH. 100mm XN INTERNAL BLOCKWORK (7N HEMLITE OR SIMILAR).

133mm PBD ON DABS DRY LINING, SEALED WITH CONTINUOUS ADHESIVE AROUND OPENINGS, SKIRTINGS AND CEILINGS. CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES CLOSED AROUND OPENINGS WITH CLOSURE WITH MIN THERMAL RESISTANCE OF 0.045m<sup>2</sup>K/W. WEEPHOLES AT ALL EXTERNAL OPENINGS.

INTERNAL WALLS TO BE 75mm SW AT 450cets WITH ISOVER APR/200 QUILT AND 15mm PBD AND SKIN FINISH (15 PLYBORO WHERE SECURE FINISHES REQUIRED).

FIRST FLOOR TO BE CONSTRUCTED WITH 200x50 C16 GRADE JOISTS AT 450cets (OR TO MATCH DEPTH OF EXISTING). HUNG WITH RELEVANT STAINLESS STEEL HANGERS TO NEW AND EXISTING STRUCTURE (ALLOW FOR AND SPAN NOGGINs AS SHOWN). CEILING TO BE UNDERDPMED WITH 15mm GYPROC WALLBOARD IN COMPLIANCE WITH APPROVED DOCUMENT 'E' TO ACHIEVE 40dB.

JOISTS FINISHED WITH 22mm T&G FLOORING GRADE CHIPBOARD (AND INSULATED WITH 100mm ISOVER QUILT)

EXTERNAL WINDOWS ARE TO BE WHITE UPVC.

BUILD UP EXISTING WALL STRUCTURE INTO ROOF VOID TO SUPPORT ROOF TO BE 175x75 C24 GRADE RATERS AT 32.5 APPROX PITCH TO MATCH EXISTING (225x75 HRS). OPEN CEILING LINE WITH COLLAR TIES 600 FROM RIDGE WITH 60mm SUPERQUILT BETWEEN AND BELOW RATER LINE WITH 350mm QUILT TO FLAT CEILING SECTION. ROOF CONVERGERS TO BE BLUE/GREY NATURAL SLATE TO MATCH WITH CONTRASTING FINISHES. 1000 BREATHABLE MEMBRANE BELOW.


FIRST FLOOR TO BE CONSTRUCTED WITH 200x50 C16 GRADE JOISTS AT 450cfs (OR TO MATCH DEPTH OF EXISTING), HUNG WITH RELEVANT STAINLESS STEEL HANGERS TO NEW AND EXISTING STRUCTURE (ALLOW FOR MID SPAN NOGGINs AS SHOWN). CEILING TO BE UNDERBAYN WITH 15mm GYPROC WALLBOARD IN COMPLIANCE WITH APPROVED DOCUMENT 'E' TO ACHIEVE 40dB.

JOISTS FINISHED WITH 22mm T&G FLOORING GRADE CHIPBOARD (AND INSULATED WITH 100mm ISOVER GULLY)

EXTERNAL WINDOWS ARE TO BE WHITE UPVC.

BUILD UP EXISTING WALL STRUCTURE INTO ROOF VOID TO SUPPORT ROOF TO BE 175x75 C/4 GRADE RAFTERS AT 32.5 APPROX PITCH TO MATCH EXISTING (225x75 HP5). OPEN CEILING LINE WITH COLLAR TIES 600 FROM RIDGE WITH 60mm SUPERJOLIT BETWEEN AND BELOW Rafter LINE WITH 350mm QUOTE TO FLAT CEILING SECTION. ROOF COVERINGS TO BE BLUE/GREY NATURAL SLATE TO MATCH WITH CONTRASTING HP5. 175x75 BREATHABLE MEMBRANE BELOW.

# A.J.S ARCHITECTURE



32 cairn road.  
buxton.  
derbyshire.  
sk17 6wf.

h: 01298 26062  
m: 07794 400237

# 3 SUNNYFIELDS

REVISIONS:

CHECKED:

DRAWN: