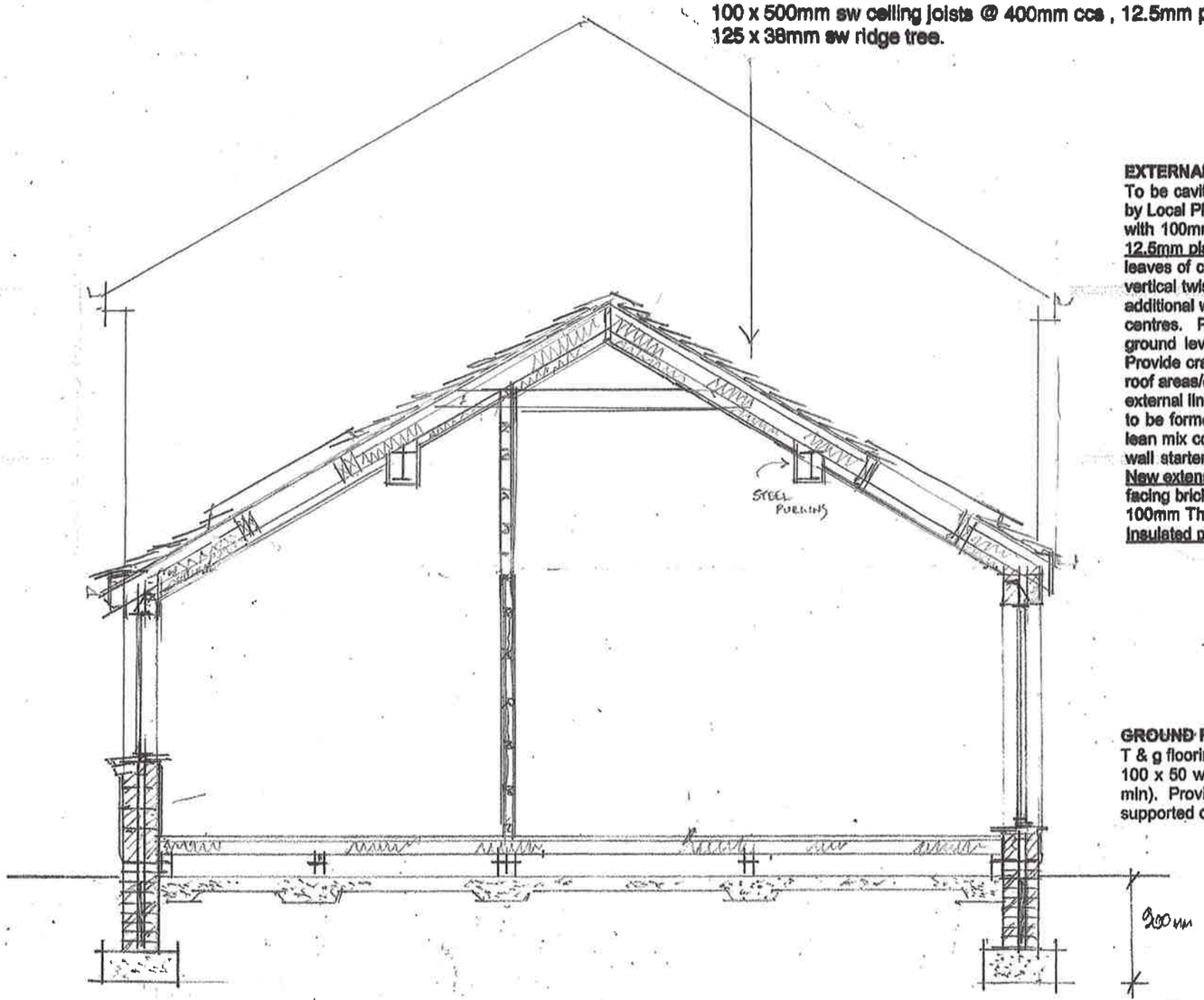
Roof tiles to match existing on battens on Nilvent or similar approved breathable membrane on 175 x 50mm joists @ 400mm ccs with 50mm vent gap above insulation.Provide 125mm Kingspan Kooltherm K7 with Kingspan K18 insulated dry-lining board comprising 12.5mm plasterboard & 25mm of insulation to underside of rafters (0.18W/ m 2K)

100 x 500mm sw ceiling joists @ 400mm ccs , 12.5mm plasters'd & skim.
125 x 38mm sw ridge tree.



SECTION AA

EXTERNAL WALLS
To be cavity wall construction. Outer leaf to be facing brickwork to match existing/approved by Local Planning Authority. 100mm cavity fully filled with Crown Dritherm 32 insulation batts with 100mm Thermalite shield blockwork or Celcon Standard/Tarmac Toplite Standard with 12.5mm plasterboard on dabs. Walls to achieve a "U" value of 0.28W/m2K. Inner and outer leaves of cavity walls are to be tied together with wall ties conforming to DD140.. Ties to be vertical twist type stainless steel, spaced at 750mm horizontal and 450mm vertical. Provide additional wall ties within 150mm of unbonded jambs of structural openings at 225mm vertical centres. Provide a horizontal dpc in walls at a level not less than 150mm above finished ground level. Provide dpc's to all horizontal and vertical edges of structural openings. Provide cranked dpc above lintols in cavity walls abd stepped dpc/cavity trays at junction of roof areas/cavity walls. Provide open perpends at 900mm max centres to drain the cavity. All external lintols, jambs, cills to be insulated to prevent.cold bridging. Walls below ground level to be formed with Class B engineering bricks in 1:3 cement mortar. Cavity to be filled with lean mix concrete to ground level. New cavity walls to be tied to existing masonry via patent wall starters or block bonding. Maintain cavities at junction of new/existing masonry walls. New extensions being constructed above existing 50mm cavity walls / 100mm blockwork, use facing brickwork to match existing, 50mm cavity fully filled with Crown Dritherm 32 insulation 100mm Thermalite Shield or Celcon Standard / Tarmac Toplite Standard with 65 mm Knauf insulated plasterboard on dabs. Remaining spec'n as above.

ST0758/20 HFUL

SOUTH TYNESIDE COUNCIL
14 OCT 2020
PLANNING

GROUND FLOOR (TIMBER)
T & g flooring grade chipboard Type C4 moisture resisting on 150 x 50 sw joists at 600ccs on 100 x 50 wall plate on dpc on honeycomb sleeper walls on thickened site concrete (100mm min). Provide 130mm Celotex PIR or 140mm Knauf Earthwool flexi insulation between joists supported on battens or rust protected nails (0.22W/m2k) 225 x 75mm air bricks at 1.5m ccs.

FOUNDATIONS
Provide mass concrete strip foundations to load-bearing walls. Foundations are to be 600mm wide, 200mm thick and are to be 900mm deep (or otherwise stated). The concrete mix for the foundations shall be designed mix C20 to BS 5328, Part 2, 1991, having a characteristic compressive strength of 20 N/mm2 at 28 days and a minimum cement content of 220Kg/m3. All foundations to be laid in accordance with the recommendations of BS 8004:1986 Code of Practice for Foundations. Any trees within 20m of the proposed development, the foundations to be designed in accordance with N.H.B.C. Guidelines Chapter 4,2 – see section for details.

A) AMENDED TO CLIENTS REQUIREMENT 10/10/20

PROPOSED ALTERATIONS TO;

40, CLEADON MEADOWS,
CLEADON,
TYNE WEAR.

Scale 1;50 1;100	Date
Drg No A.	Amendment