

INSULATION (FLOOR)

Insulation to new floor to be JABLOAR 70 placed under slab & turned up around all outer edges.

LINTOLS :

Provide Catnic lintols suitable for 90mm cavity (2 or 3 course) min. end bearing to be 150mm.

FLOOR (NEW)

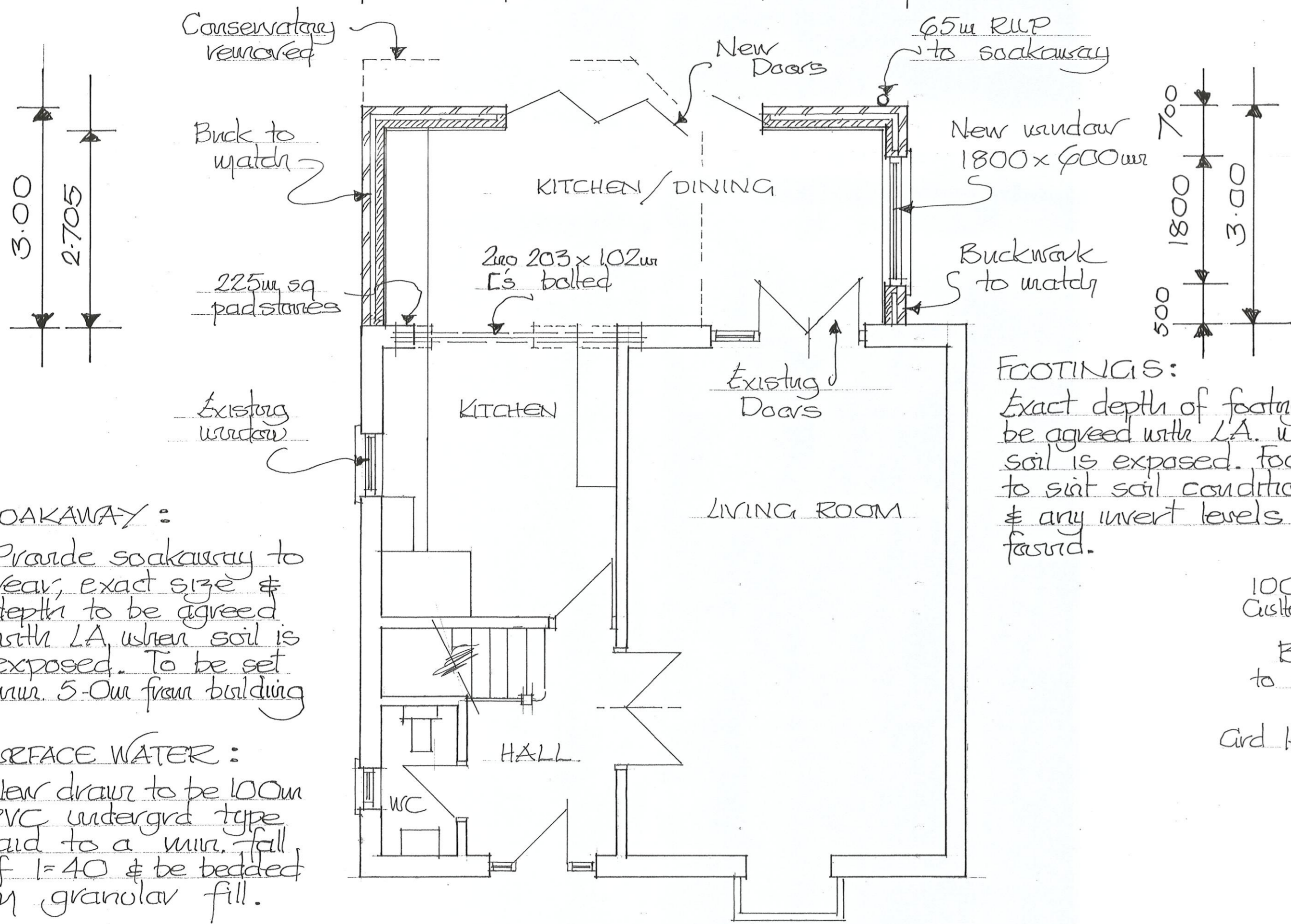
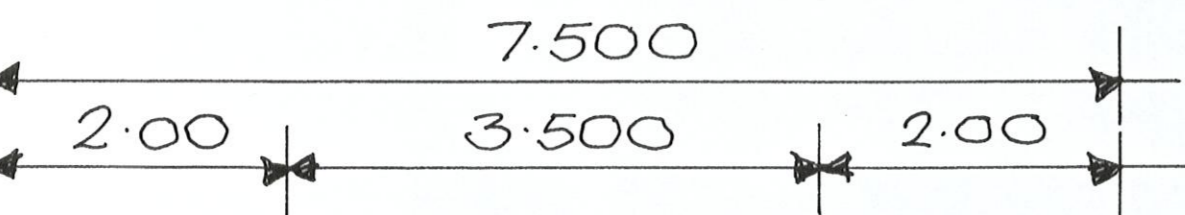
New floor construction to be 50mm screed on 150mm concrete, DPM & insulation, 20mm blinding & 150mm hardcore.

STEELWORK :

New steels to be 2no. 203mm x 102mm E's, bolted together with 12mm bolts at 300mm c/s, staggered placed on 225mm padstones. Encase with 2no sheets of 9.5mm plaster b'd & 25mm Gypsum plaster to give a full 1/2 hr. Fire Protection.



REAR ELEVATION



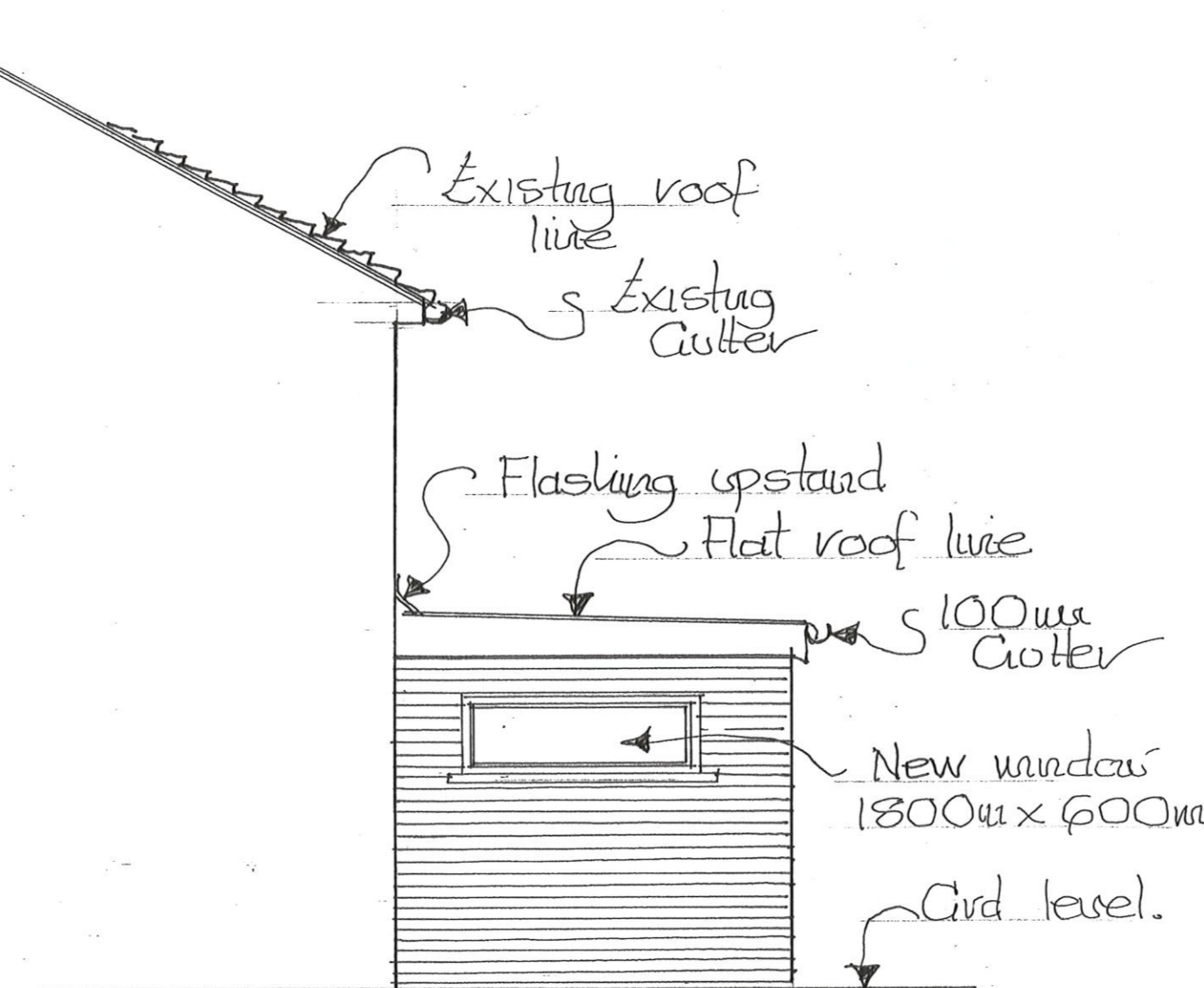
GROUND FLOOR LAYOUT PLAN.

SOAKAWAY :
Provide soakaway to rear, exact size & depth to be agreed with LA when soil is exposed. To be set min. 5.0m from building

SURFACE WATER :
New drain to be 100mm PVC undergra type laid to a min. fall of 1:40 & be bedded on granular fill.

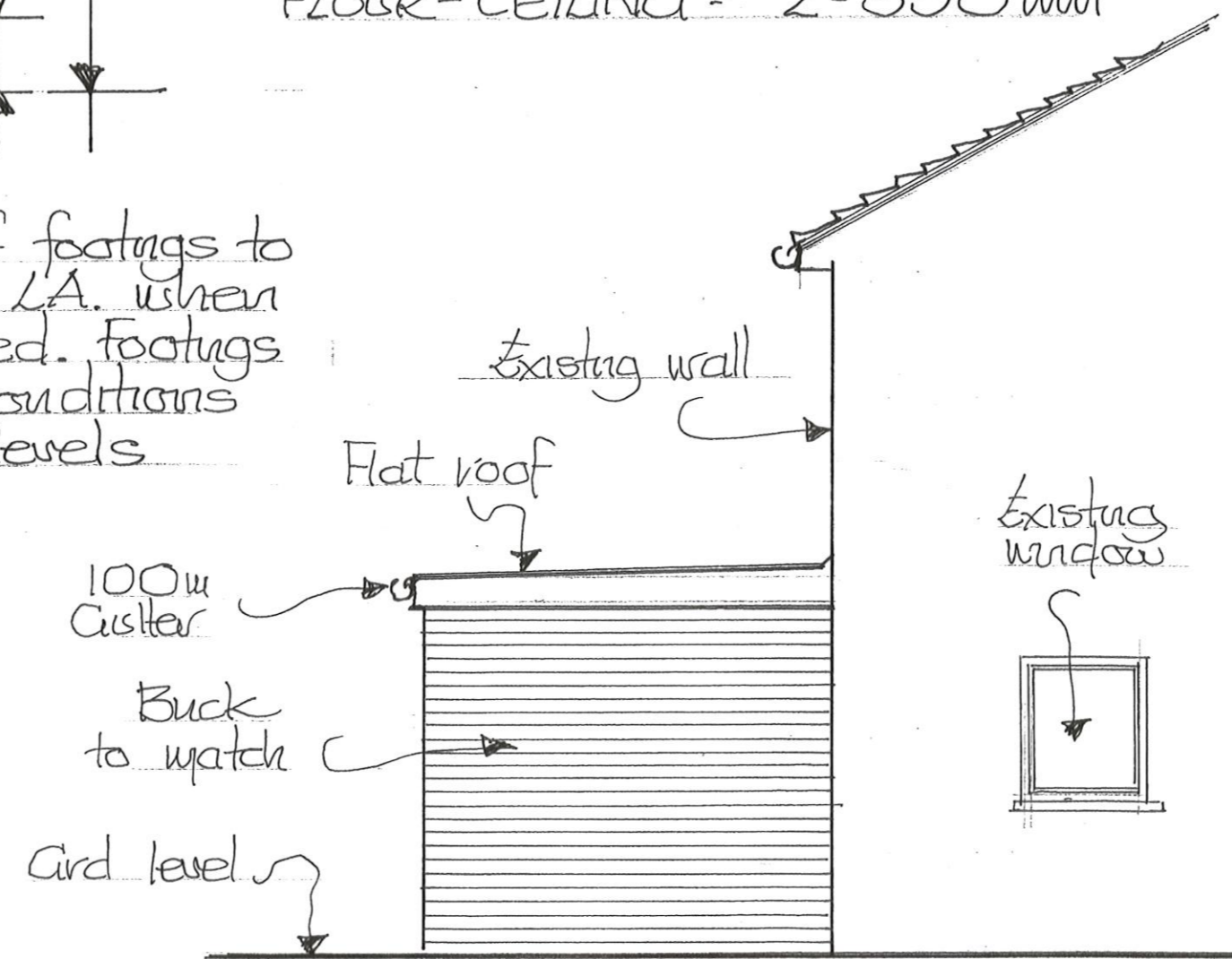
FOOTINGS :
Exact depth of footings to be agreed with LA when soil is exposed. Footings to suit soil conditions & any invert levels fascid.

SIDE ELEVATION

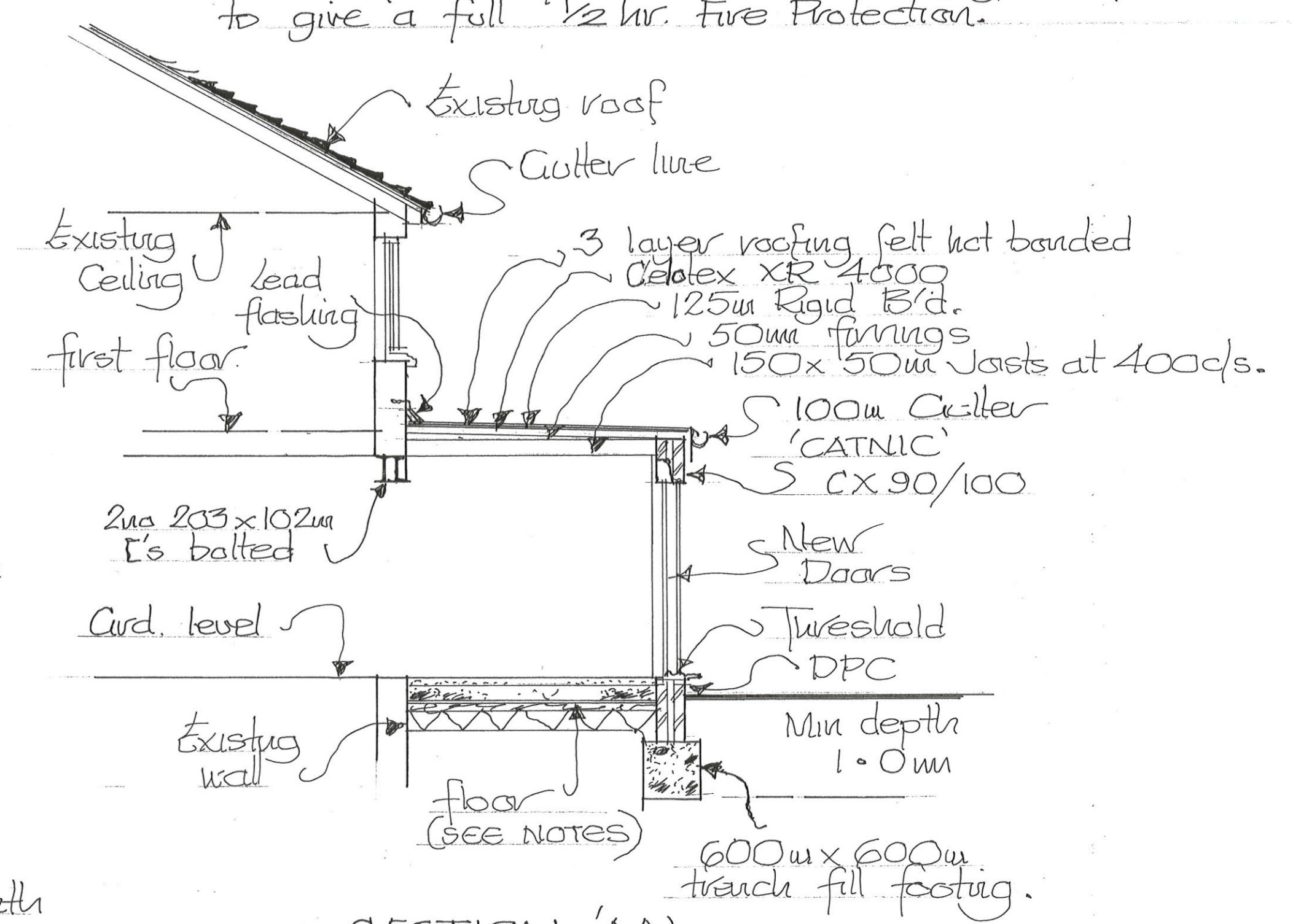


FLAT ROOF :

New flat roof to be as shown with 150mm x 50mm Joists at 400mm c/s, 50mm firrings, 19mm boarding with Celotex XR 4000 - 120mm Rigid b'd with 3 layer roofing felt hot bonded. Felt to be HT/Curade heavy duty. Provide all upstands & flashings against existing wall, provide cavity tray above new roof level. Finish ceiling with 9.5mm plaster b'd & skim coat. FLOOR-CEILING = 2-350mm



SIDE ELEVATION.



SECTION 'AA'

NOTES :

DPC : DPC to be continuous with existing, type Hessian based bituminous felt or similar. DPC to be min 150mm above Curd. level, provide 150mm DPC to all verticals openings, all reveals to be insulated (use insulated cavity closers). DPC to be continuous with DPM.

DPM : DPM to be 1200g polythene or similar.

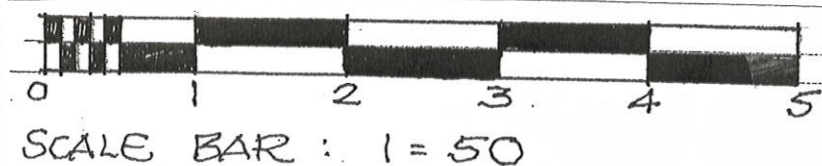
WALLS : Cavity work to be 105mm buck with 90mm cavity partial filled with 45mm Kooltherm K8 Kingspan with 100mm inner Turbo blockwork. Provide wall ties at every 700mm c/s horizontally & 450mm vertically to BS-EN-845-1-2003. Close cavity at top of wall. Finish internally with 13mm lightweight plaster skim. New work to be bonded to existing with purpose made profiles. Walls below DPC to be frost & moisture resistant

WALL RESTRAINT : 32mm x 6mm metal straps at 1800mm c/s fixed to joists/plate & bent 450mm down wall.

WINDOWS : to have min 1:20th of floor area equal to opening ventilating lights. Windows to be UPVC, double glazed with low E glass (K glass) with min air gap 16mm to achieve U value 1.8 W/M²K. Provide trickle vents. (Backgrds: 8.000m² & 4.000m²) All glass marked * to have safety/toughened glass with kite mark. All glazing to comply BS = 6206/1981 & BS = 6262 PART 4 / 1994.

21 JAN 2021

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1A, SHENLEY ROAD
DARTFORD KENT
DA1 1YF



40, MARSTON CLOSE · WALDESLADE · CHATHAM.

Scale = 1:50

Date = JUNE 20

Drawn = J.C.

PROPOSED SINGLE STOREY
REAR EXTENSION.

Drawing Number : LA/J/3

mcluloaf