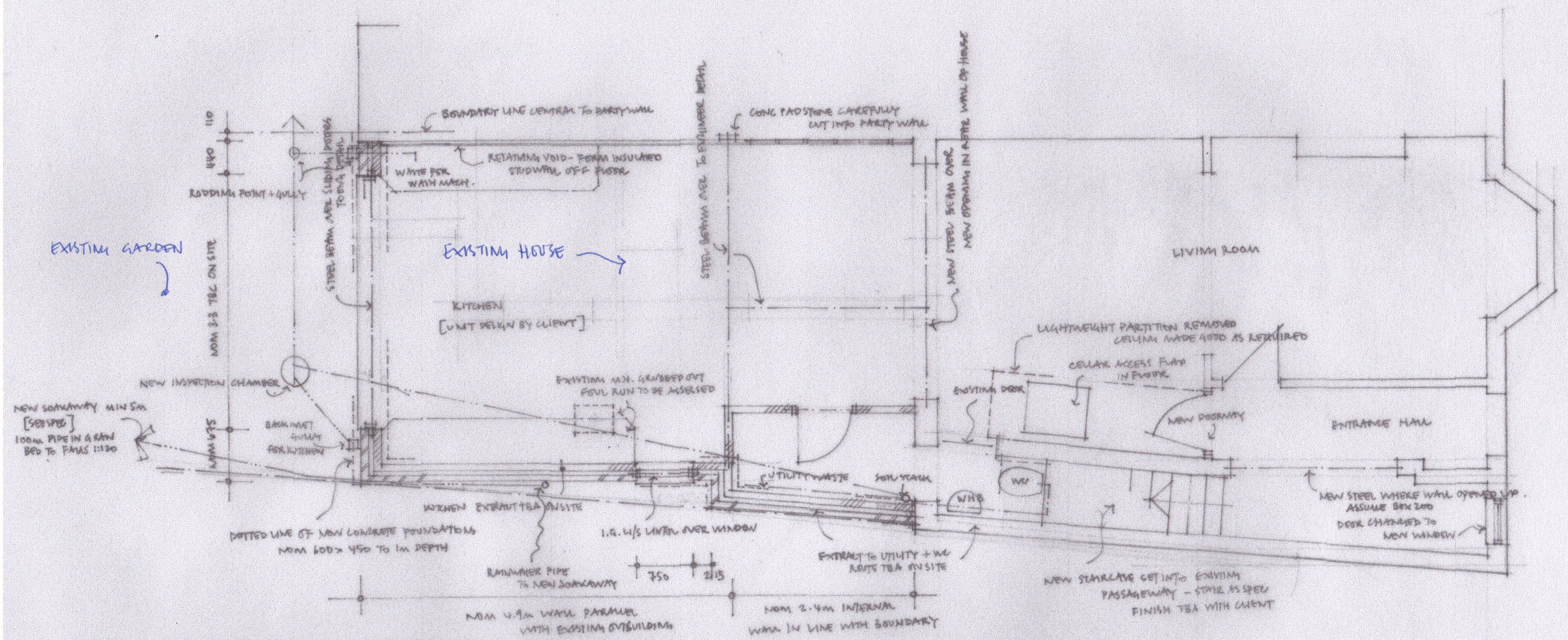


BRIEF SPECIFICATION

**Foundation**

Excavate for concrete strip foundation minimum 1.0m deep from existing ground level-subject to agreement on site with local authority regarding soil type. Provide 600x450 wide concrete footing.

**Ground Floor Slab**

Lay nom 150 consolidated hardcore with 50 sand blinding over. Lay new 1200 gauge dpm as Visqueen or similar, over, with sealed joints at all edges, to be lapped up all walls and with existing dpc. Over dpm, 100mm conc slab then lay 100mm CELOTEX tb4000 or similar-and vcl with 75mm sand/cement screed finished to match existing levels. To achieve 0.22 W/m² U val. Same spec to alleyway where existing rough concrete broken up to become hall and cloaks.

**Walls Generally**

New external walls to be 300 full fill cavity construction. Outer leaf to be 102 brick-frost resistant below ground -100 CROWN DRYTHERM CAVITY SLAB 32 cavity batts-full fill cavity insulation with weak mix concrete fill to cavity 225 below dpc and inner leaf of 100mm block as PLASMOR AIRCRETE(0.16) or equal/similar-using trench quality blocks below ground or semi engineering brick. Tie skins together with stainless steel ties at 450vertical crs and 450 horizontal crs-225 at reveals. Close all cavities using proprietary closer system as THERMABATE or similar. Finish internally with dot and dab skimmed plasterboard system. Bond new construction to existing using proprietary channel fixing as CROCODILE or similar with movement material at face. Install IG L1/s type insulated lintols at openings. Internal walls at ground floor to be lightweight black built off slab.

0 1 2m

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