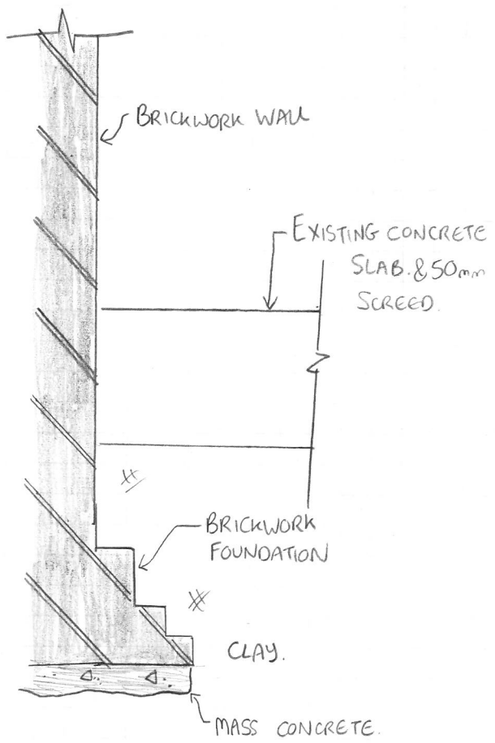
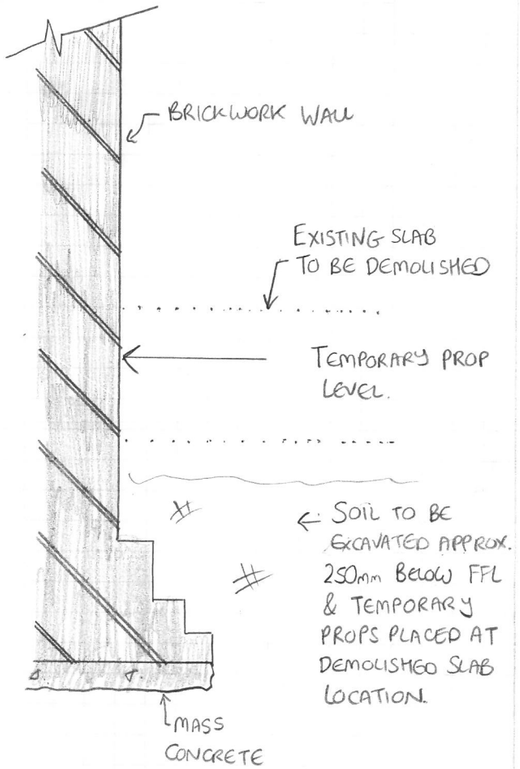
PRICE&MYERS
Consulting Engineers

Job No 24887 Page CMS_1 Rev
Date FEB 16 Eng S.T Chd
Job LANGLAND GARDENS

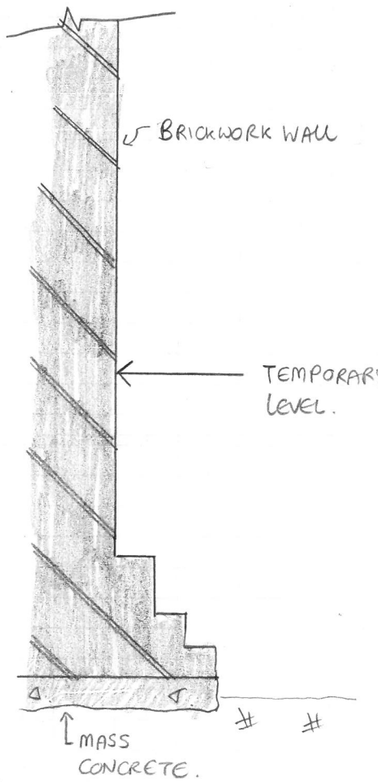
CONSTRUCTION METHOD STATEMENT



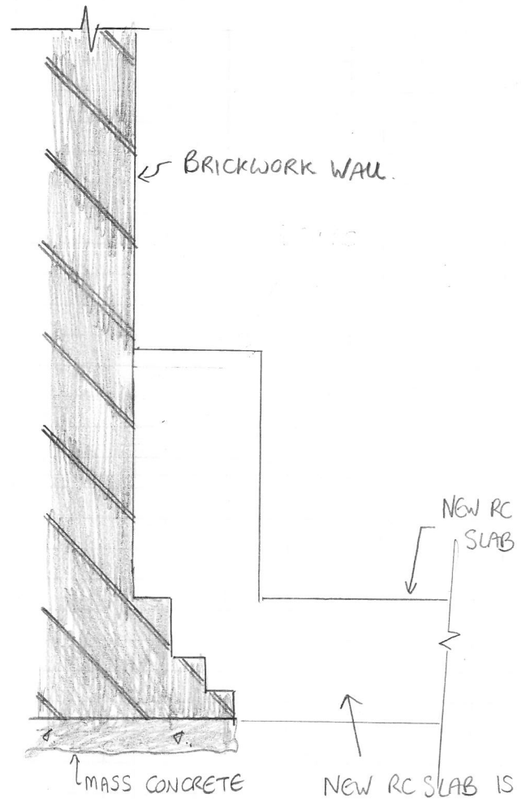
① EXISTING STRUCTURAL ARRANGEMENT



② DEMOLISH EXISTING SLAB, PARTIALLY EXCAVATE SOIL & PROP MASONRY.



③ LOWER SOIL LEVEL



④ CASTING OF NEW RC SLAB & PROP REMOVAL.

RC SLAB TO BE CAST THEN RC UPSTAND TO BE CAST IN CONJUNCTION WITH REMOVAL OF PROPS. OR ALTERNATIVELY USE VERTICAL STEEL RETAINING POSTS FIXED TO RC SLAB & JOISTS OVER, & BACK TO WALLS.

INDICATIVE CONSTRUCTION SEQUENCE → LOWERING OF THE BASEMENT PLAN.

①-② EXISTING RC SLAB TO BE BROKEN OUT & SOIL TO BE EXCAVATED APPROXIMATELY 250mm BELOW FFL USING NON-PERCUSSIVE TECHNIQUES TO MINIMISE DISRUPTION & VIBRATION TO NEIGHBOURING PROPERTIES. TEMPORARY PROPS TO BE PLACED AT DEMOLISHED SLAB LEVEL.

③ SOIL LEVEL TO BE LOWERED TO SLAB FORMATION LEVEL. ENSURE TEMPORARY PROPS ARE KEPT IN CONTACT

④ NEW RC SLAB TO BE CAST & UPSTAND TO BE CAST IN CONJUNCTION WITH THE REMOVAL OF PROPS, WHERE THE UPSTAND IS OMITTED USE VERTICAL STEEL POSTS AT APPROXIMATELY 1m CENTRES FIXED DOWN TO THE RC SLAB & UP TO THE JOISTS OVER, POST TO BE FIXED BACK TO WALL. LOCATION OF POST OR UPSTAND DETAIL TO BE CONFIRMED WITH THE ARCHITECT.

PLEASE REFER TO PRICE & MYERS CONSTRUCTION MANAGEMENT PLAN FOR SITE/CONSTRUCTION SET UP REPORT.