



**FOUNDATIONS**

20N mass concrete trench filled foundations, 600mm wide x 450mm deep, depth of pad for steels if used to be to engineers design, or as noted on the drawings, at least 1000mm deep. Notwithstanding the information shown on this drawing, all foundations are to comply with the requirements of the local Building Control Officer and are to suit the ground conditions found on site/and or to Structural Engineer's details. Foundations to be in accordance with structural engineers details and in accordance with soil/ground survey observations. Structural engineer/local authority Building Inspector to approve depth and trench bottoms for compliance prior to any concrete being poured.

Allow to form and excavate for foundations to be excavated for and poured to all three sides of the extension to allow for future adaptations

**STEPPED FOUNDATIONS (AS REQUIRED)**

Number of steps and positions to be determined on site. Minimum lap = twice height of step, or thickness of foundation, or 300mm, whichever is greater. Step height should not be greater than depth of concrete foundation.

Stepped foundations may be required for the formation of the new steps to the higher level

**DEMOLITIONS, RETAINING WALLS, RETENTION OF MATERIALS.**

Demolish existing stone and brick retaining walls, Excavate and remove soil form area indicated, transport spoil to area agreed in garden with the client. Retain all existing stone from demolished walls for future re-use. Lift existing block paving under area of extension in order to excavate for foundations. and existing steps to higher levels and retain all lifted and demolished materials to area defined by client.

**ACCESS TO UPPER GARDEN**

Prepare ramp for transporting demolished and excavated materials to upper garden in area defined by the client.

Retain all rubble, excavated earth, block pavers and bricks etc for possible future re-use.

**RETAINING WALL CONSTRUCTION**

Construct retaining wall to area indicated. 300mm thick stone retaining wall constructed between new brickwork piers, on new concrete foundations as described. Stonework tied to brick piers with standard stainless steel brick ties @ 150mm vertical centres. Allow for perforated 100mm clay/upvc drainage pipe laid in gravel and topped with gravel behind retaining wall. 50mm upvc outlet pipes through stone walling to discharge onto block paving, provide channel to prevent spread of water. Backfill with retained rubble, and top with 300mm topsoil. Top off new stonework with Staffordshire blue engineering brickwork

**NEW BRICK PIERS**

Construct 2no. new brick piers 450 x 450mm as indicated on the drawings, to be built to All new bricks to be agreed before purchase, possibly obtain second hand bricks to match existing brickwork, or retained bricks from demolished materials. Build brick piers up to pad-stone level and cast concrete padstone to accept ring beams Possible brick to use:- IBSTOCK 65MM ASHDOWN FUNTON ORCHARD MIX BRICK Cap brick pier with Staffordshire Blue engineering bricks as detailed.



client

Mr Julian Fry  
Old Rosings, Farley Lane,  
Westerham. Kent. TN16 1UD

Proposed Extension, Front and Rear Elevations  
1:50  
JOB NO. 320/04B