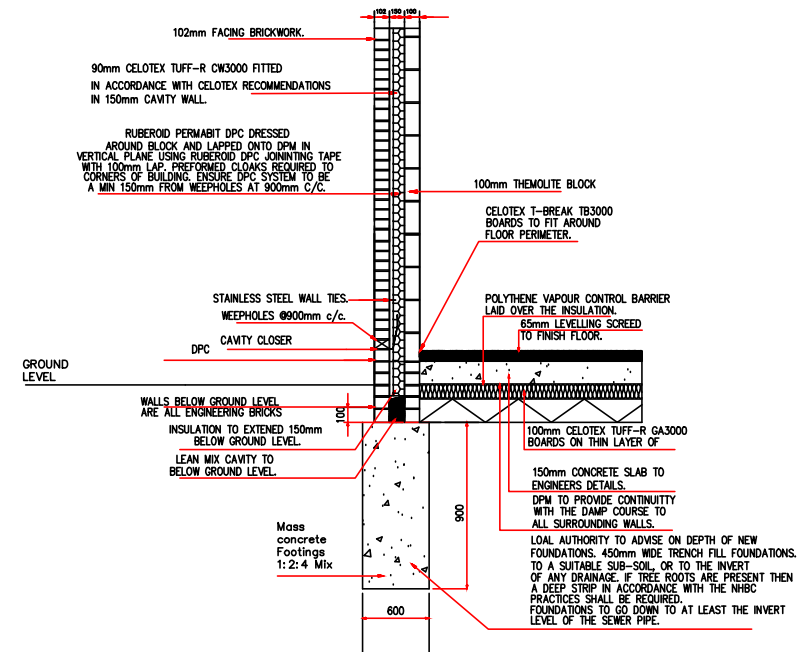


**ECCENTRIC FOUNDATION  
ALONG THE BOUNDARY LINE**  
DETAILS Scale:- 1:50



**NEW FOUNDATION  
DETAILS** Scale:- 1:50

Code 5 Flashing to be cut into existing brick pointing. Lead wedges to be provided @ 450 centres then repointed with 1:3 cement sand pointing

BAT Lateral restraint straps type M305, 150x650 straps at 2.0m crs screwed to joists/timber plate and screwed to timber plate in accordance with NHBC guidelines

175x50 joist hangers fix to 175x50mm thk. treated continuous timber bolted to extg. wall with M10 Hilti HY50 resin bolts @ 500mm crs. staggered.

175x50 joists @ 300/c, 12.5mm plasterboard with finishes to clients requirements

200x50(C24) Rafter @ 400/c with 100mm Celotex GA 4000 between rafters with 35mm across under the rafters (U Valu-Max. 0.18W/m<sup>2</sup>K)

Note-Thermally insulated cavity closers to be fixed around Door/Window opening. 219x100 mm insulated Catnic lintels need to be fixed over the Door/Window.

30x5 Galvanised MS Stair @ 2000ctr secured to wall plate & screwed & plugged to wall using 5 No 12 screws. 100x50 mm wall plate

102mm Brick/100mm Toplight 7 lightweight blockwork  
90mm thk. Dritherm 37 insulation in 150mm cavity wall.  
100mm Toplight 7 lightweight blockwork  
DPC 150mm above G.L.

Weak mix conc.min. 225mm below DPC

600x750dp mass concrete strip footing

**SECTION A-A**  
Scale:- 1:50

Granular materials to be compacted in 75mm layers to level of crown of pipe. Any trench sheeting to be partially withdrawn to enable side fill to be firmly compacted between side of the pipe & the soil side of the trench.

sewer pipe surrounded by 150mm Pea shingle

LOAL AUTHORITY TO ADVISE ON DEPTH OF NEW FOUNDATIONS. 600mm WIDE TRENCH FILL FOUNDATIONS. TO A SUITABLE SUB-SOIL, OR TO THE INVERT OF ANY DRAINAGE. IF TREE ROOTS ARE PRESENT THEN A DEEP STRIP IN ACCORDANCE WITH THE NHBC PRACTICES SHALL BE REQUIRED. FOUNDATIONS TO GO DOWN TO AT LEAST THE INVERT LEVEL OF THE SEWER PIPE.

WATERPROOFING SYSTEM TO BE APPROVED WITH BUILDING INSPECTOR

100mm Kingspam OR SIMILAR APPROVED TO EXTENT OF FLAT ROOF.

FIBER GLASS FLAT ROOF

175x50 Roof Rafters

**SECTION  
THROUGH FLAT  
ROOF** Scale:- 1:25

SCALE  
BAR  
1:50  
0 .5 1.0 1.5 2.0 2.5m

Client:-Mr.Thivagaran Ganesarajah

Drawing no:-82E

Revision-C

Checked  
by:S.E

Title:-Proposed single storey rear extension at  
No:82 Clyfford Road, Ruislip, HA4 6PT.

Drawn by:-  
S.E 08/24

Scale:-1:50, 1:25  
Org.size-A3