

NOTE:  
HOLDING DOWN BOLTS TO BE STAINLESS STEEL 500mm LONG BOLTS ANCHORED INTO THE BASE SLAB WITH FISCHER RSB 20 CAPSULES.  
ANCHOR BOLTS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURES INSTRUCTIONS.

BACKFILL SPECIFICATION

MATERIAL DESCRIPTION – FREE DRAINING AND READILY COMPACTABLE MATERIAL COMPRISING:  
NATURAL GRAVEL, NATURAL SAND, CRUSHED GRAVEL, CRUSHED ROCK, OTHER THAN ARGILLACEOUS ROCK, CRUSHED CONCRETE, SLAG, WELL BURN SPOIL, OR ANY COMBINATION THEREOF.

GRADING

BACKFILL SHALL COMPLY WITH THE FOLLOWING GRADING:--

| SIEVE      | %PASSING |
|------------|----------|
| 75mm       | 100      |
| 75 microns | <10      |

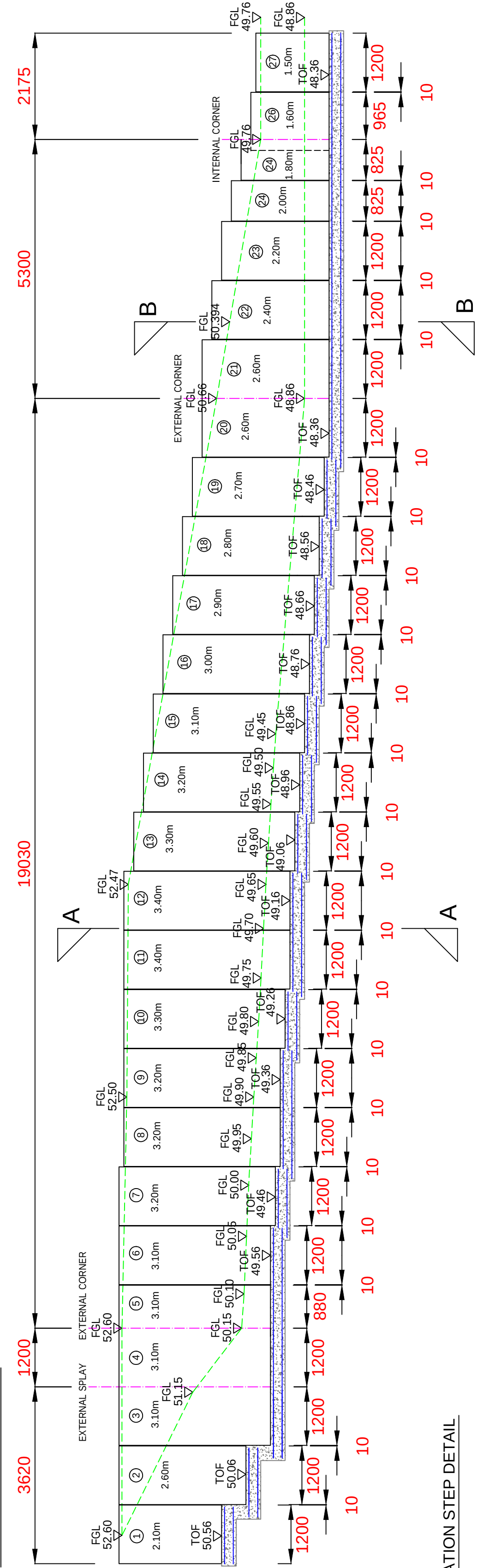
UNIFORMITY COEFFICIENT TO BE GREATER THAN 10.  
MOISTURE – SUPPLIED WITHIN + 2% OF OMC DETERMINED IN ACCORDANCE WITH BS1377:PART 4(VIBRATING HAMMER METHOD)

BOLT SCHEDULE:--

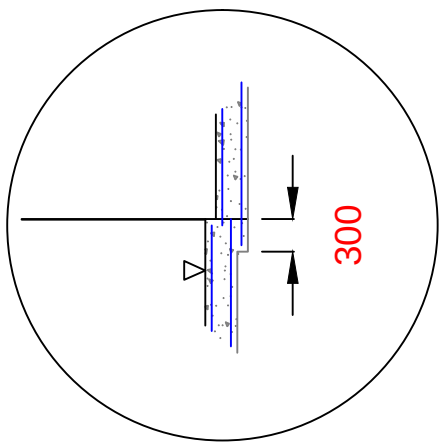
Panels up to 2.5m = 2no Bolts

Panels from 2.6m to 3.4m = 3no Bolts

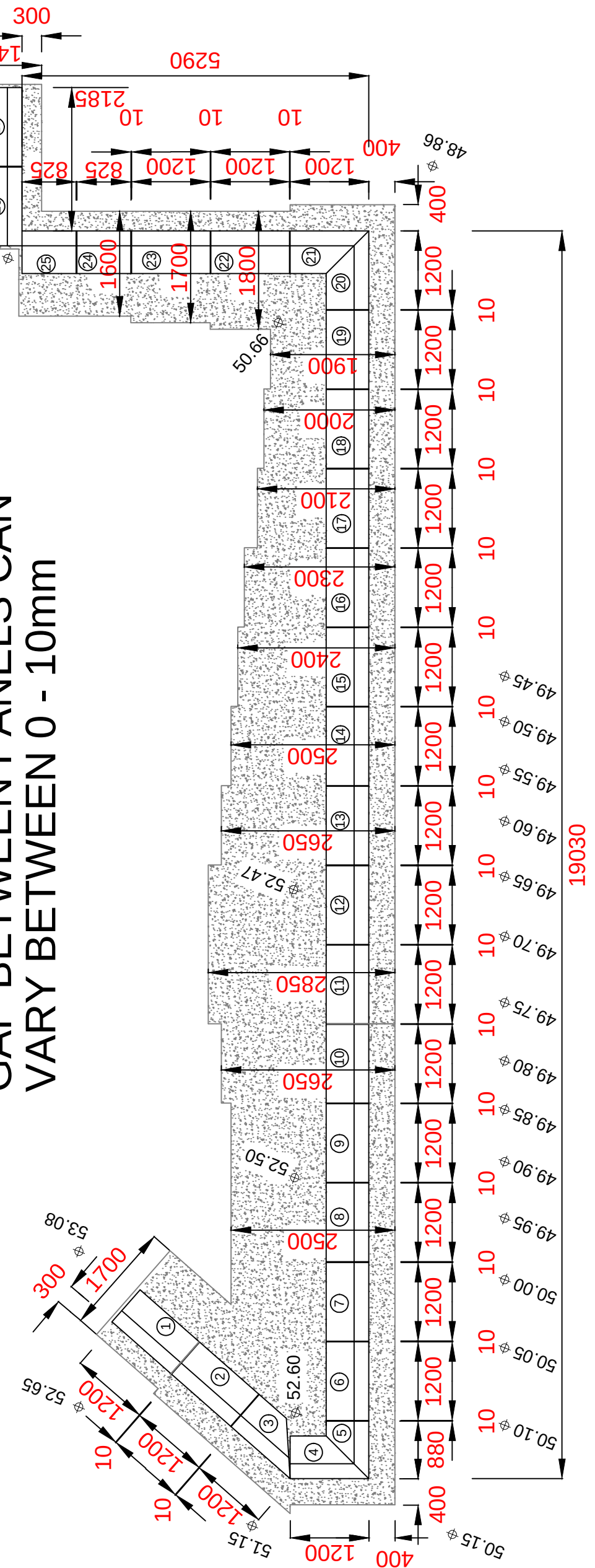
ELEVATION



FOUNDATION STEP DETAIL



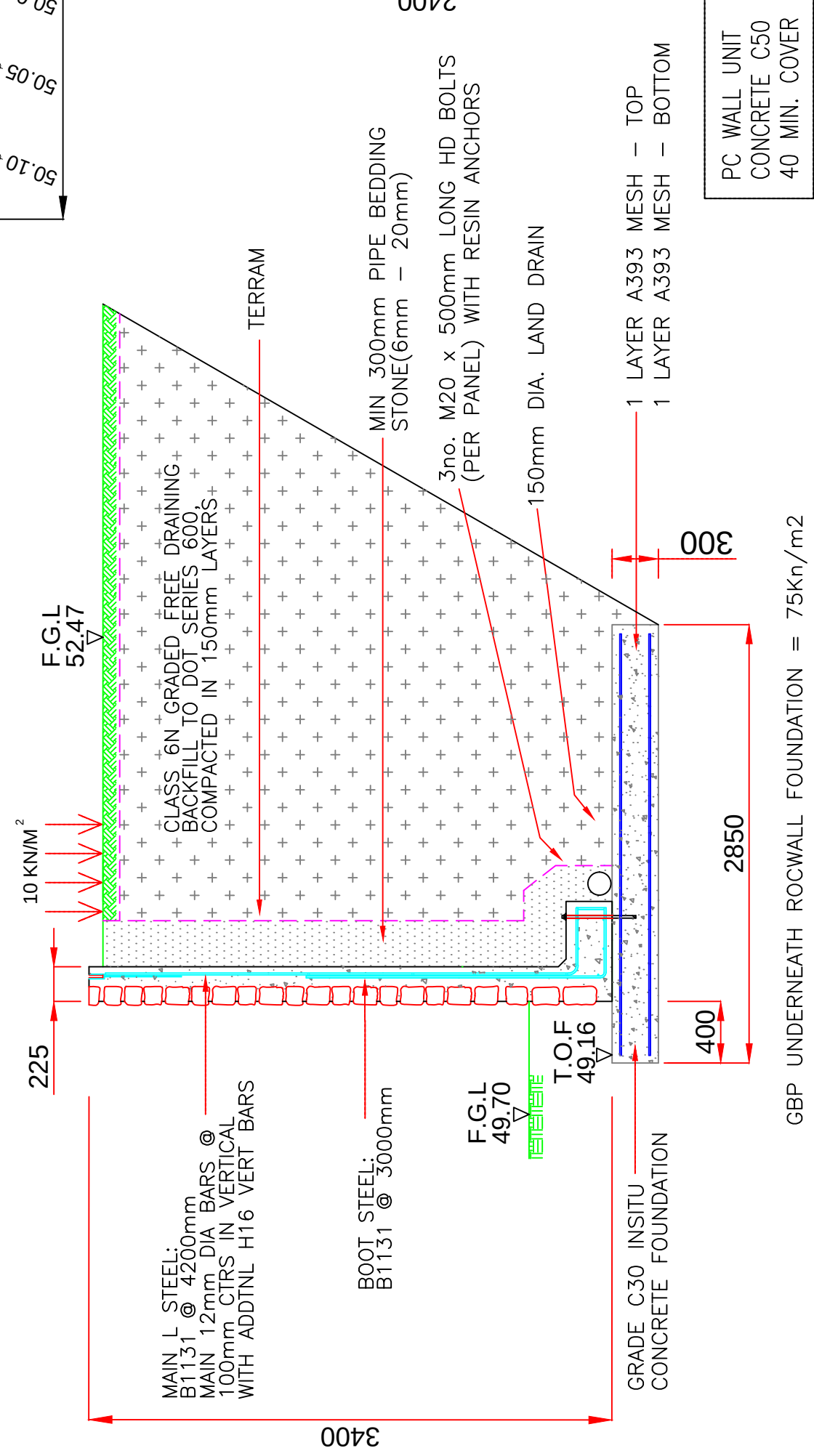
PLAN



GAP BETWEEN PANELS CAN VARY BETWEEN 0 - 10mm

FOR APPROVAL

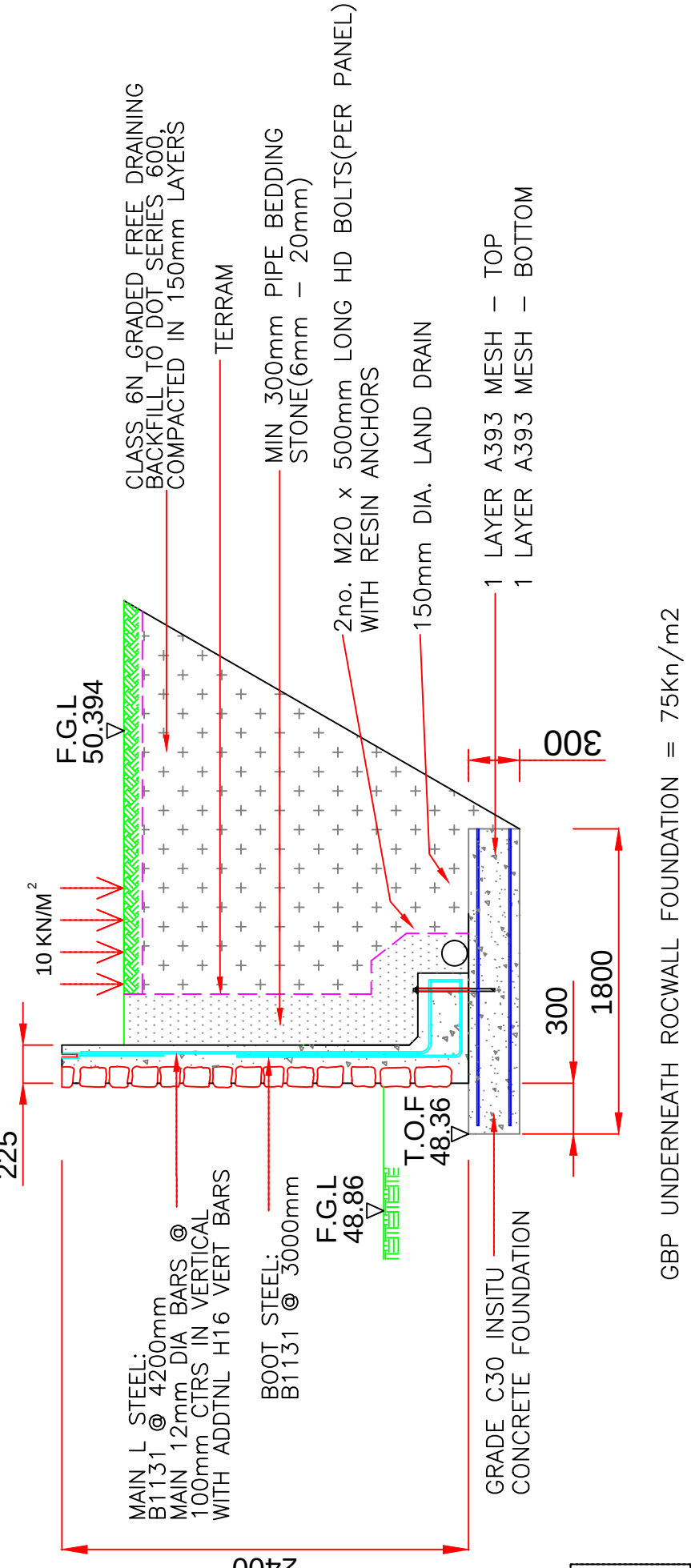
SECTION A-A



FOUNDATION NOTES:--  
CONCRETE GRADE C30  
Min. COVER 40mm  
Min. MESH LAP LENGTH 250mm

Allowable bearing pressure of ground to be checked and confirmed by Main Contractor prior to casting the Timbalok foundations

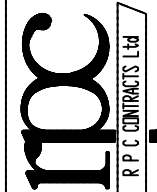
SECTION B-B



GBP UNDERNEATH ROCWALL FOUNDATION = 75Kn/m2

GBP UNDERNEATH ROCWALL FOUNDATION = 75Kn/m2

PC WALL UNIT  
CONCRETE C50  
40 MIN. COVER

| REV                                                                                                                                                                                                                                                                           | DATE        | BY            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
|                                                                                                                                                                                                                                                                               |             |               |
| DESCRIPTION                                                                                                                                                                                                                                                                   |             |               |
| CHK                                                                                                                                                                                                                                                                           |             |               |
|                                                                                                                                                                                                                                                                               |             |               |
|  <b>RPC CONTRACTS LTD</b><br>Rathfriland Industrial Engineering<br>Quarryfields<br>Rathfriland<br>Dublin 15<br>Ireland<br>Telephone 01824 702483<br>Fax 01824 704527<br>E-Mail rpltd.co.uk |             |               |
| Project<br>MEADOW ROAD, NEATH                                                                                                                                                                                                                                                 |             |               |
| Title<br>ROCWALL ELEVATION,<br>FOUNDATION PLAN &<br>SECTIONS                                                                                                                                                                                                                  |             |               |
| Date<br>25/1/22                                                                                                                                                                                                                                                               | Drawn<br>LP | Checked<br>TM |
| Scale<br>NTS                                                                                                                                                                                                                                                                  |             |               |
| Drawing No.<br>1/349                                                                                                                                                                                                                                                          |             | Rev.<br>      |