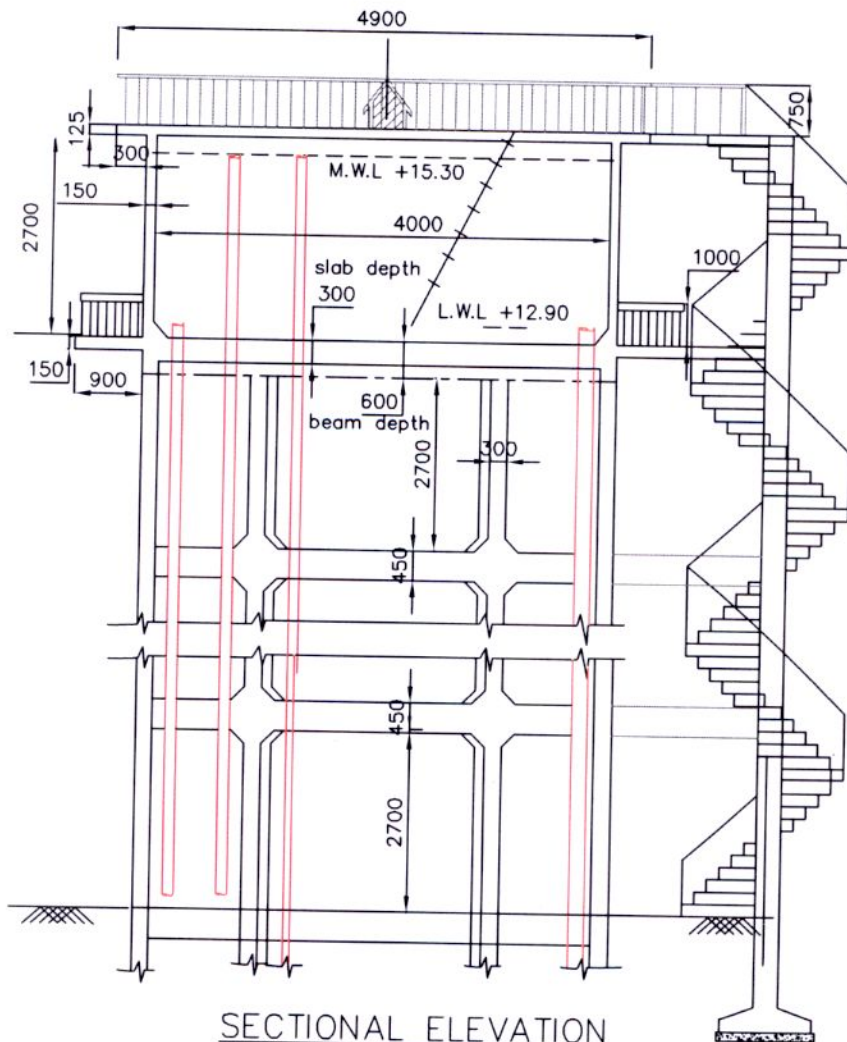
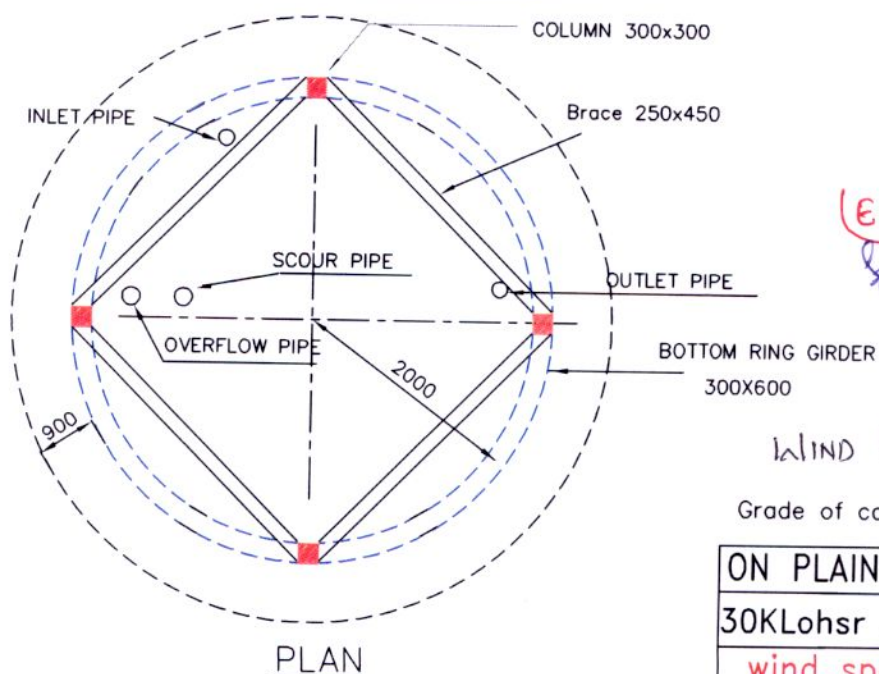




SECTIONAL ELEVATION

# CONDITIONS

1. Concrete (All members) : M30
2. Steel : Tor 40, Fe415
3. Clear minimum cover
  - Side walls : 45MM
  - Top & Bottom slabs : 45MM
  - Beams : 45MM
  - Columns : 45MM
  - Footings : 50MM
4. All dimension are in 'mm' unless specified.
5. The steel should not be overlapped at the junction points
6. Not more than 1/3rd of the bars should be curtailed at a given section
7. Provide RCC stair case
8. Brace continued to stair case column



PLAN

"Approved"  
 ENC, RWS & S, Hyd.  
 01/07/14

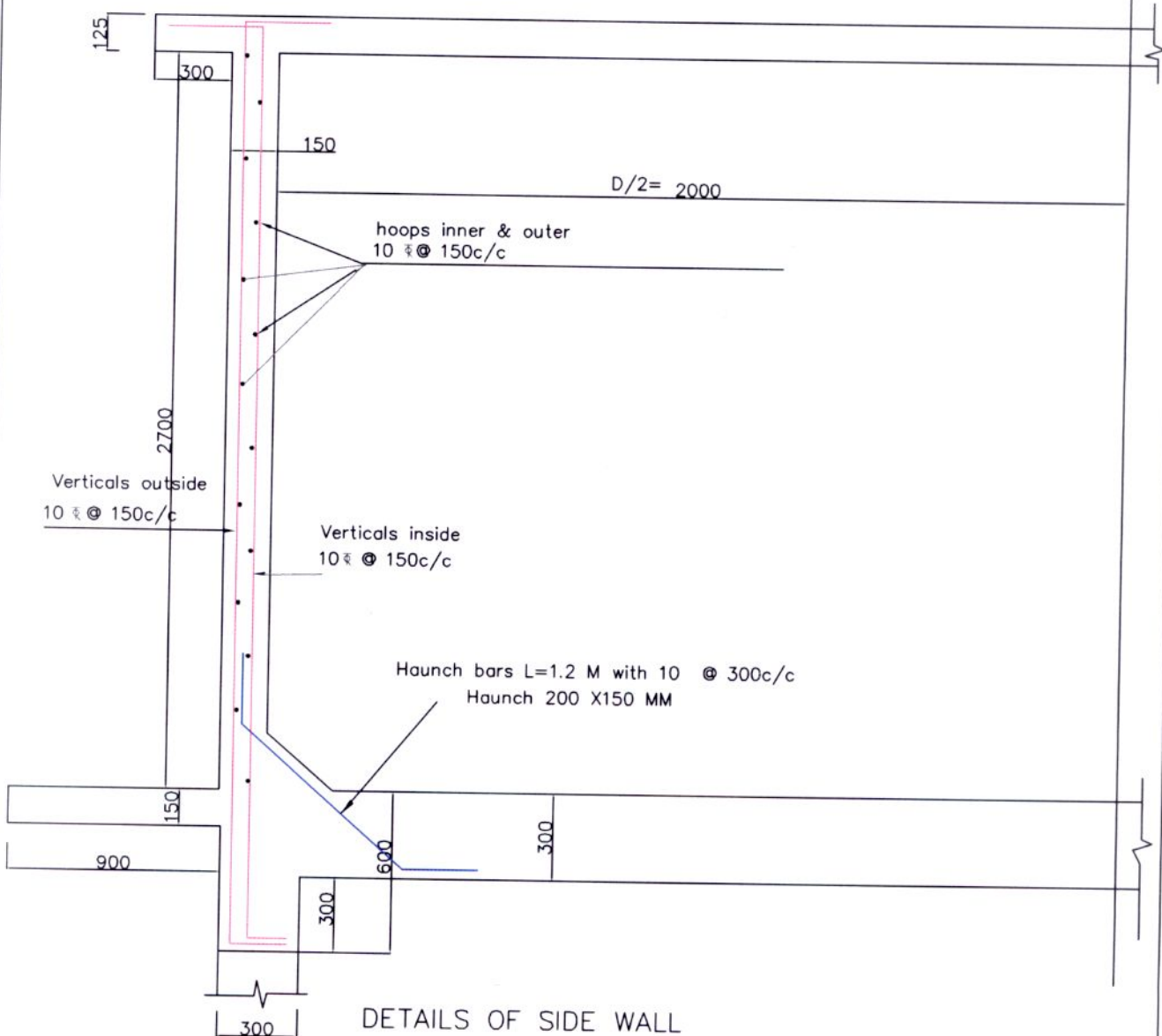
WIND PRESSURE : 150 kg/m<sup>2</sup>

Grade of concrete : M30

ON PLAIN GROUND

30KLochr stg=12.90m

wind speed 50m/s



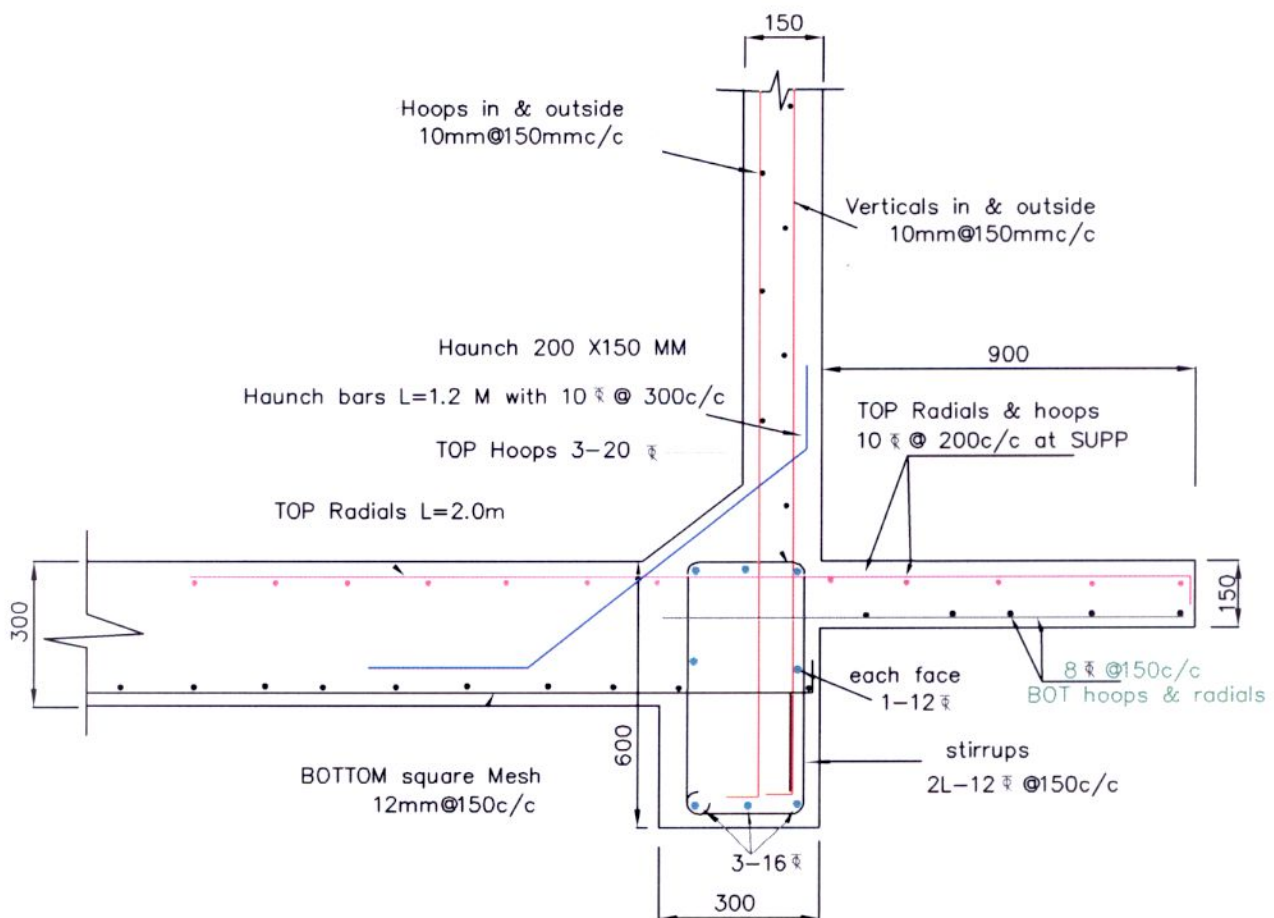
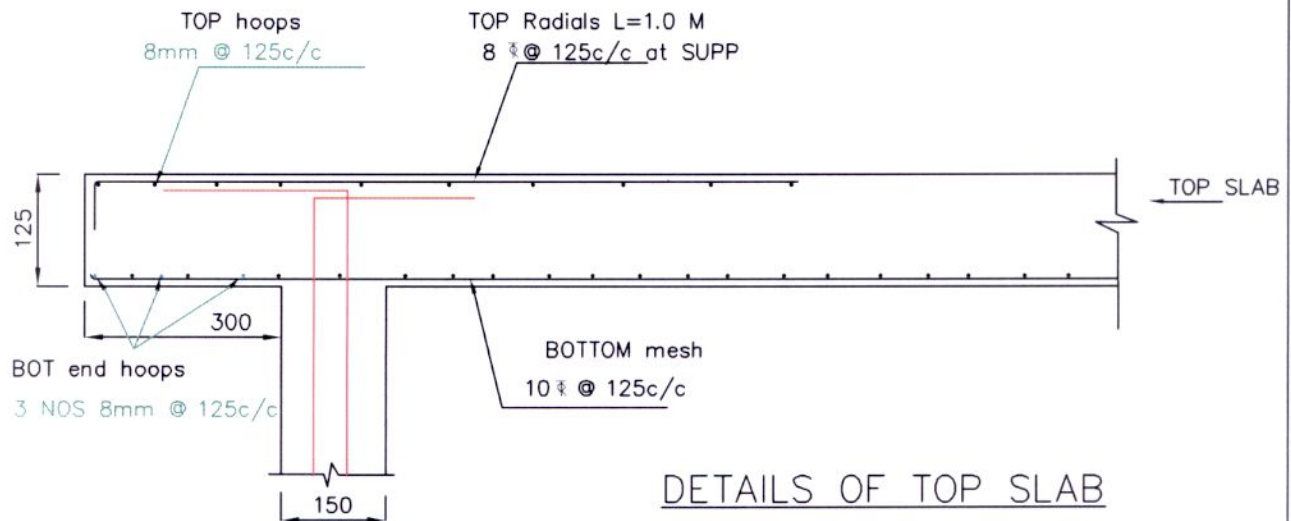
Grade of concrete : M30

ON PLAIN GROUND

30KL ohsr-12.9m stg

wind speed 50m/s

"Approved"  
*[Signature]*  
 21/11/14  
 (ENC, RWS&S, Hyd.)  
*[Signature]*  
 21/11/14  
*[Signature]*  
 01/12/14



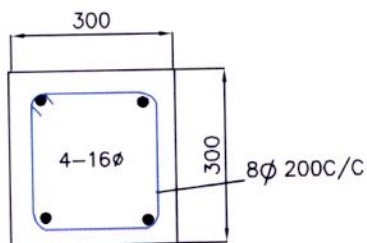
Grade of concrete : M30

ON PLAIN GROUND

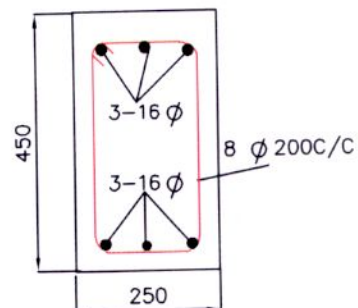
30 KL Ohsr 12.90m stg

wind speed 50m/s

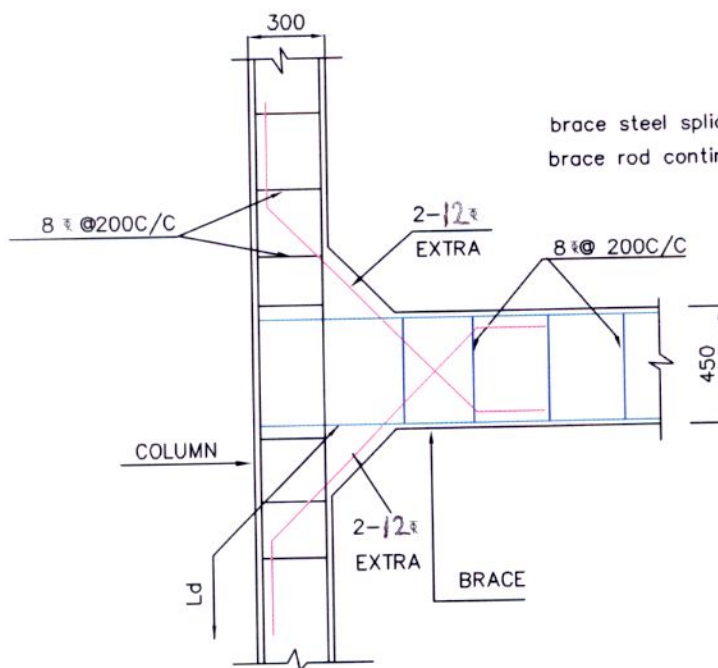
"Approved"  
Chandru  
Tilak  
(ENC, RWS&S, Hyd.)  
Sathy  
10/10/14  
Bm  
10/10/14



SECTION OF COLUMN



SECTION OF BRACE



COLUMN BRACE JUNCTION

brace steel spliced at middle section only  
brace rod continued at support section

#### CONDITIONS

1. Concrete (All members) : M30
2. Steel : Tor 40, Fe415
3. Clear minimum cover
  - Side walls : 45MM
  - Top & Bottom slabs : 45MM
  - Beams : 45MM
  - Columns : 45MM
  - Footings : 50MM
4. All dimension are in 'mm' unless specified.
5. The steel should not be overlapped at the junction points
6. Not more than 1/3rd of the bars should be curtailed at a given section  
brace steel spliced at middle section

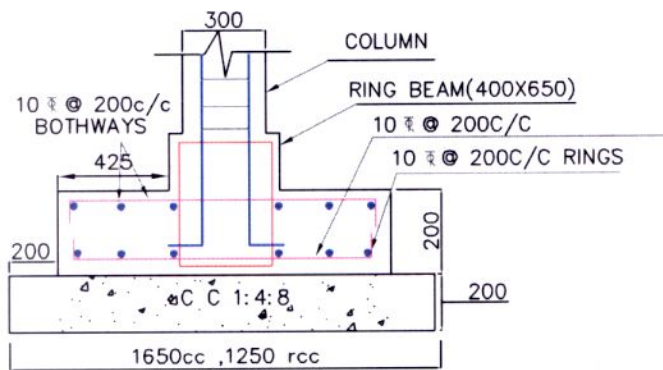
Grade of concrete : M30

"Approved"  
  
 (ENC, RWS & S, Hyd.)  
 01/11/14  
 01/11/14  
 01/11/14

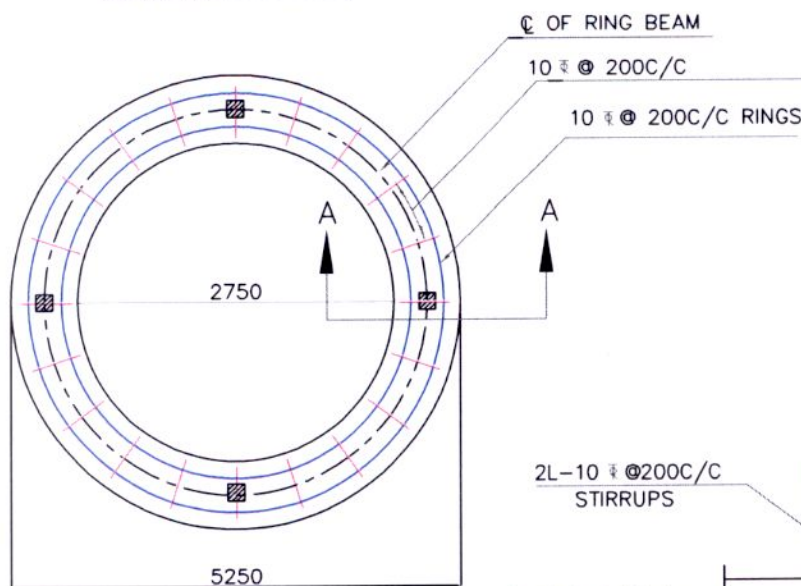
ON PLAIN GROUND

30 KL ohsr-12.9m stg

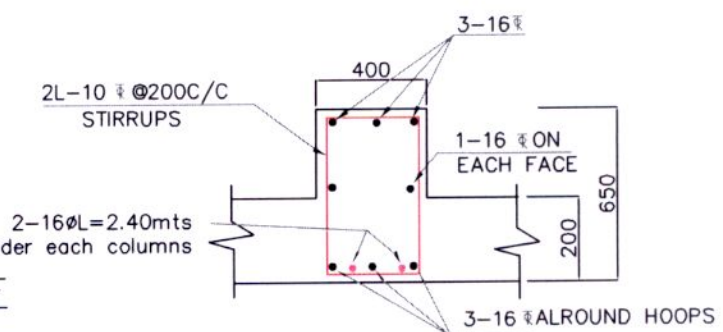
wind speed 50m/s



SECTION A-A



BOTTOM REINFORCEMENT OF  
RING FOUNDATION



SECTION OF RING RAFT BEAM

NOTE:

1. Grade of concrete : M30
- Grade of steel : Fe415
2. Basic wind speed : 50M/sec
3. Depth UPTO RAFT TOP : 1.5M
4. Staging height : upto 12.90m
- Clear height between the braces : 2.70
- No of stagings : 4
5. 8Nos of 12 diagonal bars shall be provided at column brace junction
6. For detailing of reinforcement IS Sp-34 shall be followed
7. All dimensions are in mm unless specified
8. All side covers 45mm

Grade of concrete : M30

"Approved"  
Due to  
LENG, RWS&S, H&D  
Sd/- 01/10/14 By  
01/10/14

ON PLAIN GROUND

30KL ohsr12.90m stg

SBC SOIL  $\geq 10T/M^2$