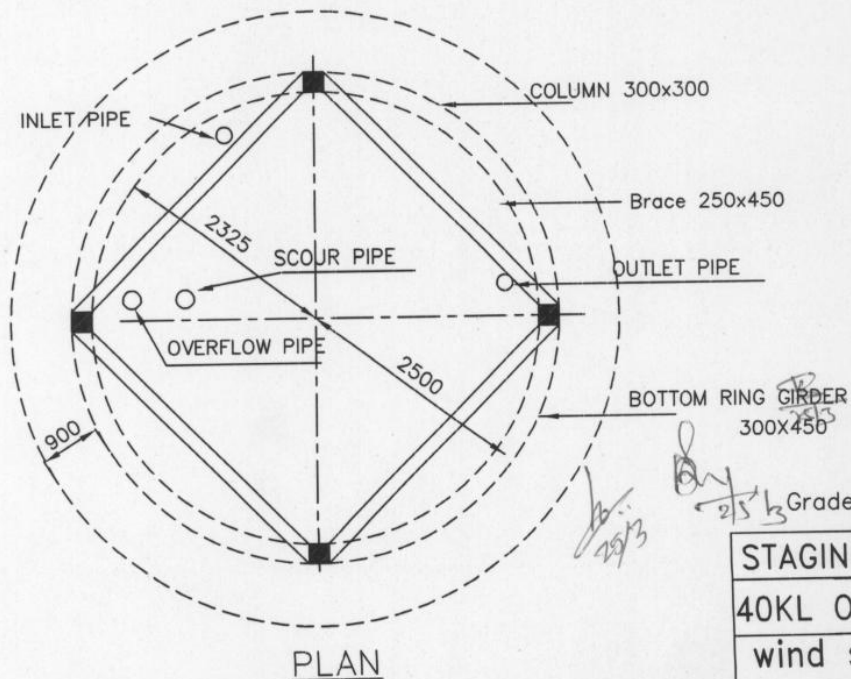


SECTIONAL ELEVATION

**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 lapped at a given section
7. Provide Staircase with RCC landing slab

RADIUS OF CURVATURE IS 4.25M



PLAN

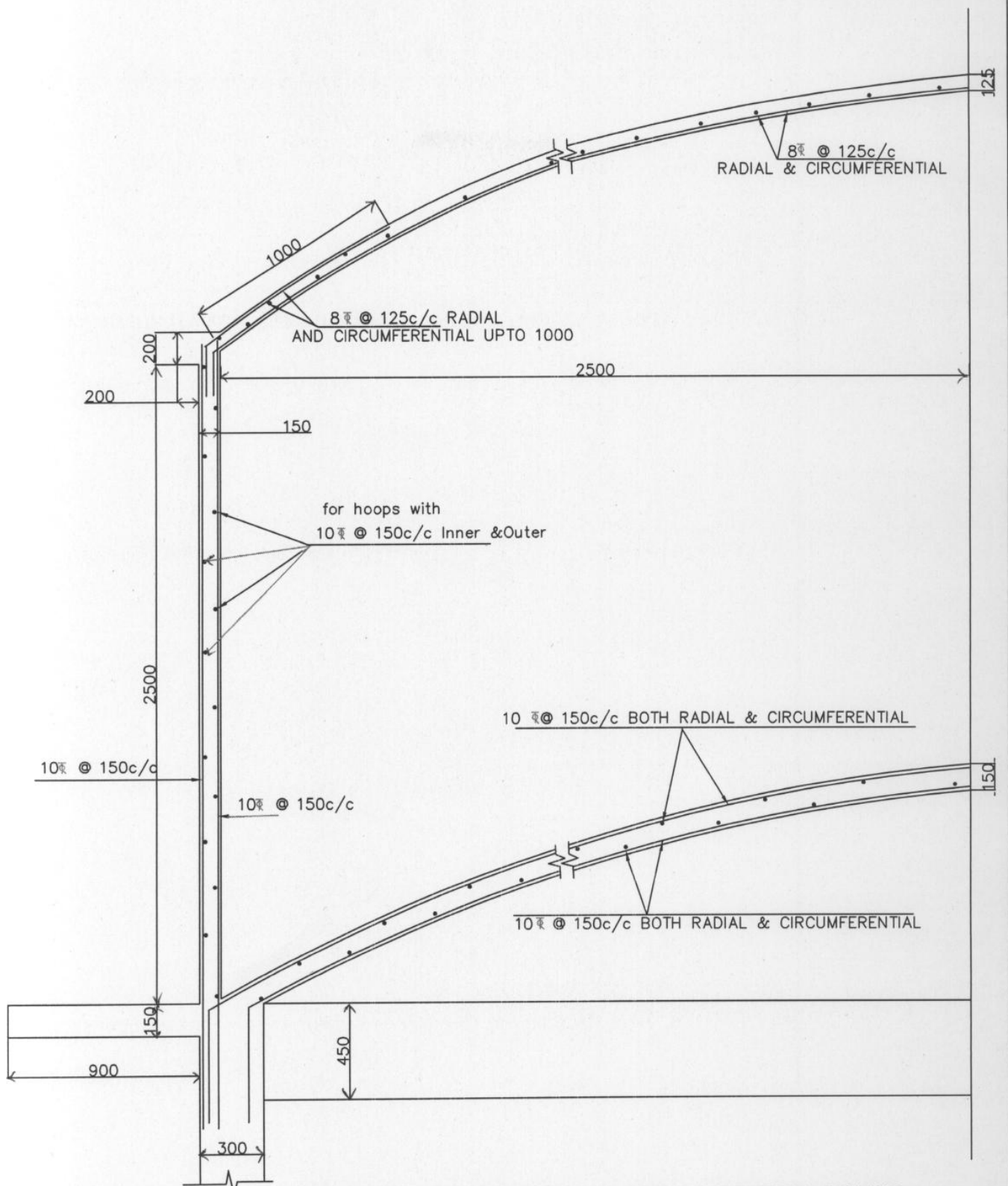
"Approved"  
 C.E. Russ Hyd

Grade of concrete : M30  
 25/3/11

STAGING=12.75M

40KL O.H.S.R

wind speed 44m/s



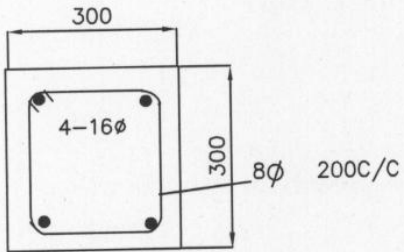
DETAILS OF SIDE WALL, TOP & BOTTOM DOMES

Grade of concrete : M30

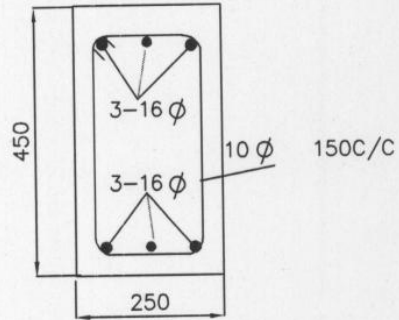
"Approved"

25/3  
 25/3  
 25/3  
 25/3/11  
 CERUSS Hyd  
 18/25/3

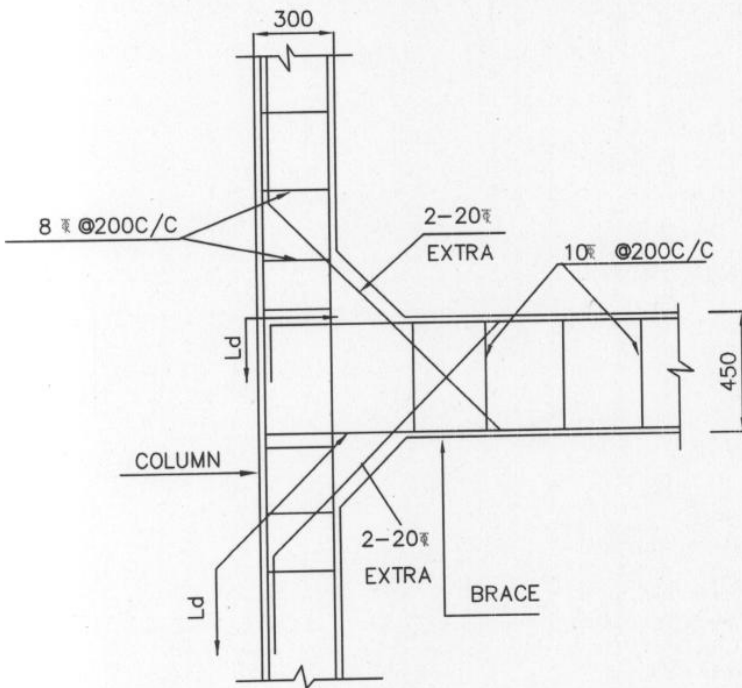
STAGING-12.75M,
40KL O.H.S.R
wind speed 44m/s



SECTION OF COLUMN



SECTION OF BRACE



COLUMN BRACE JUNCTION

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 lapped at a given section
7. Provide RCC stair case

Grade of concrete : M30

STAGING 12.75M

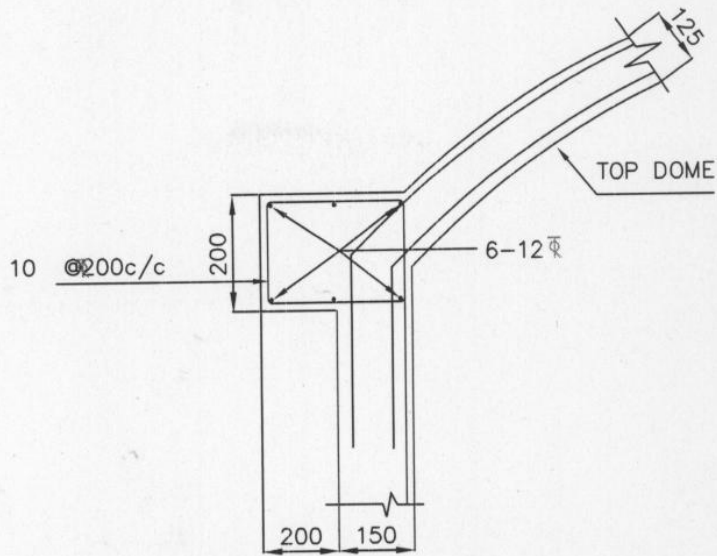
40 KL OHSR

wind speed 44m/s

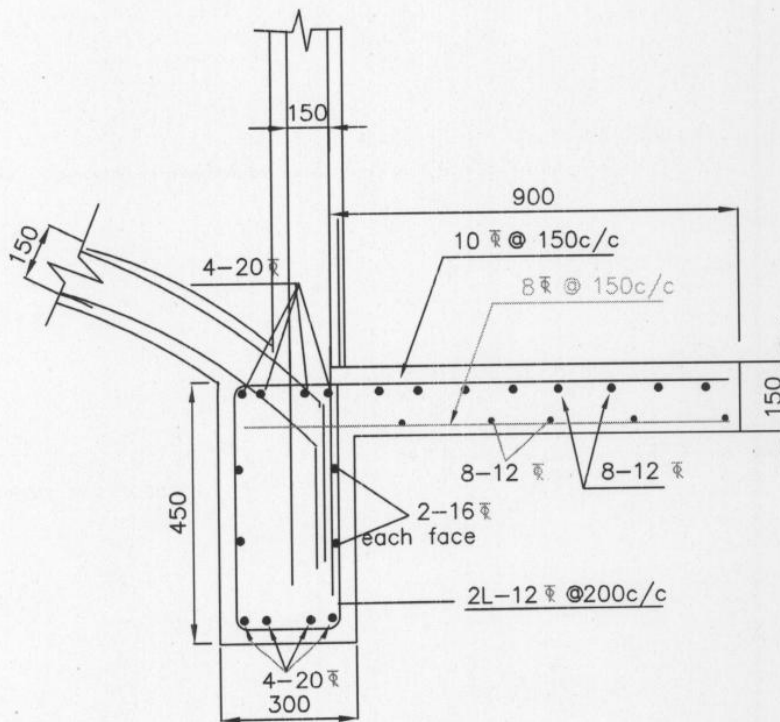
"Approved"

by  
CERWSS Hgd

Handwritten signatures and dates: 25/3, 25/3, 25/3/11, 25/3



DETAILS OF TOP RING BEAM



BOTTOM RING BEAM CUM LANDING

Grade of concrete : M30

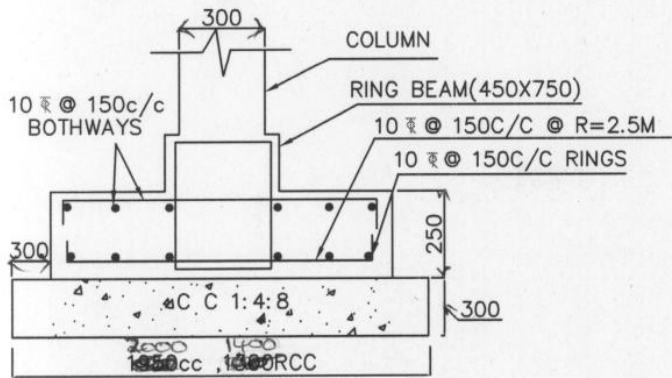
STAGING-12.75M

40 KL OHSR

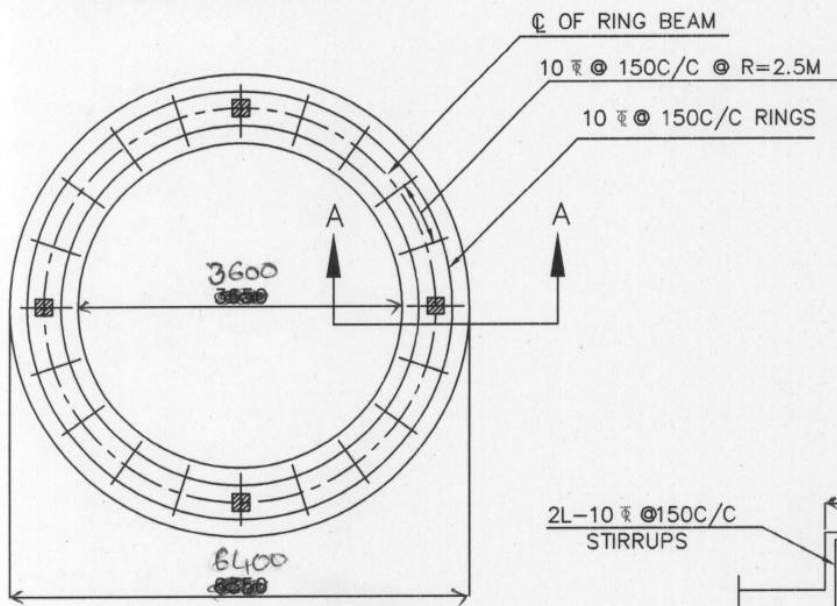
wind speed 44m/s

"Approved"

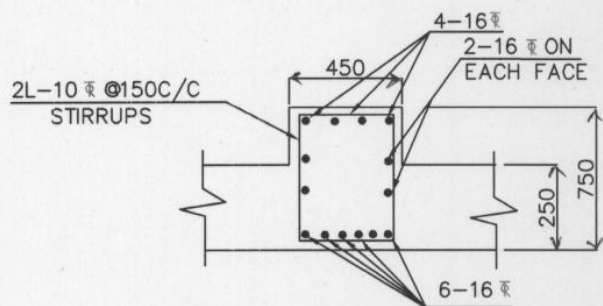
*Handwritten signatures and dates:*  
 2/13/13  
 CERUSS Hyd.  
 19/12



SECTION A-A



BOTTOM REINFORCEMENT OF RING FOUNDATION



SECTION OF RING BEAM

NOTE:

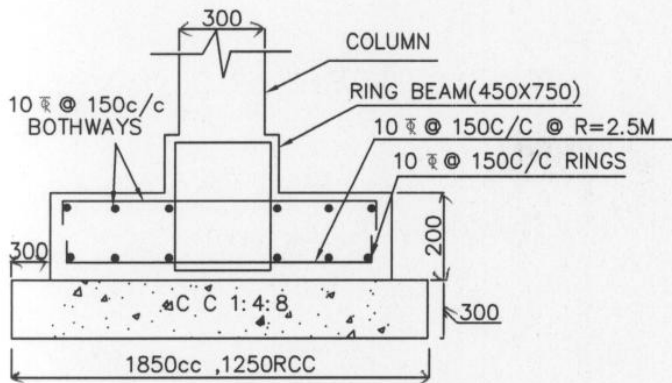
- |   |           |
|---|-----------|
| 1. Grade of concrete  | : M30     |
| Grade of steel  | : Fe415   |
| 2. Basic wind speed   | : 44M/sec |
| 3. Depth below foundation   | : 2.0M    |
| 4. Staging height   | : 12.75m  |
| Clear height between the braces                                       | : 2.70    |
| No of stagings  | 4         |
| 5. Nos of 16 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                          |           |

NOTE: The drawing for the foundation of OHBR is based on assumed bearing capacity of soils. The contractor shall get the designs of the OHBR got approved by department to the site conditions.

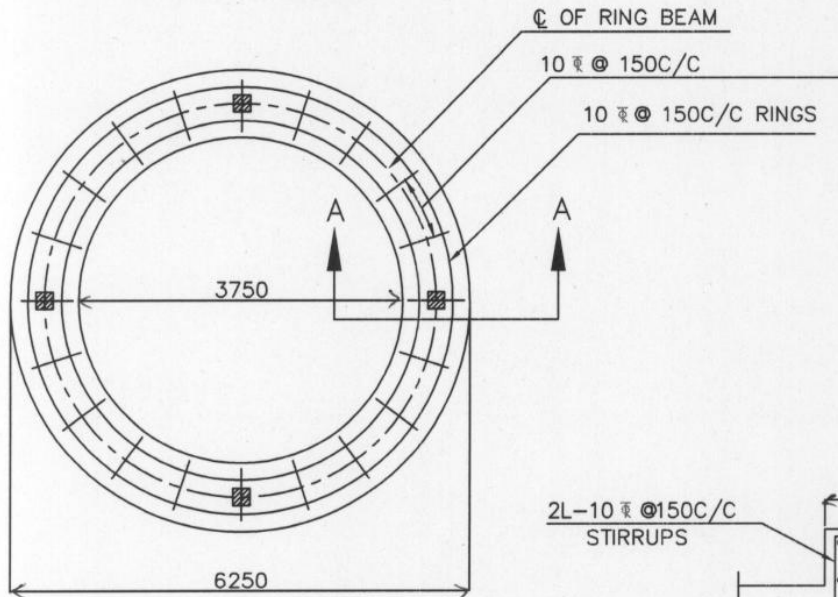
"Approved"  
 CE RWS Hyd  
 25/3/11  
 25/3

wind speed 44m/s
FOUNDATION DETAILS OF 40KL-12.75stg O.H.S.R
SBC OF SOIL 7.5T/M <sup>2</sup>

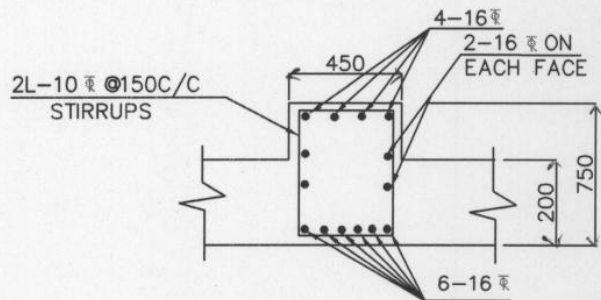




SECTION A-A



BOTTOM REINFORCEMENT OF RING FOUNDATION



SECTION OF RING BEAM

NOTE:

- |   |           |
|---|-----------|
| 1. Grade of concrete  | : M30     |
| Grade of steel  | : Fe415   |
| 2. Basic wind speed   | : 44M/sec |
| 3. Depth below foundation   | : 2.0M    |
| 4. Staging height   | : 12.75m  |
| Clear height between the braces                                       | : 2.70    |
| No of stagings  | 4         |
| 5. Nos of 16 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                          |           |

NOTE: The drawing for the foundation of OHBR is based on

- assumed bearing capacity of soils. The contractor shall get the designs of the OHBR got approved by department to the site conditions.

*"Approved"*  
*as per specs Hgd"*  
*25/3/11*  
*RS*

wind speed 44m/s
FOUNDATION DETAILS OF 40KL-12.75stg O.H.S.R
SBC OF SOIL $\geq 10T/M$