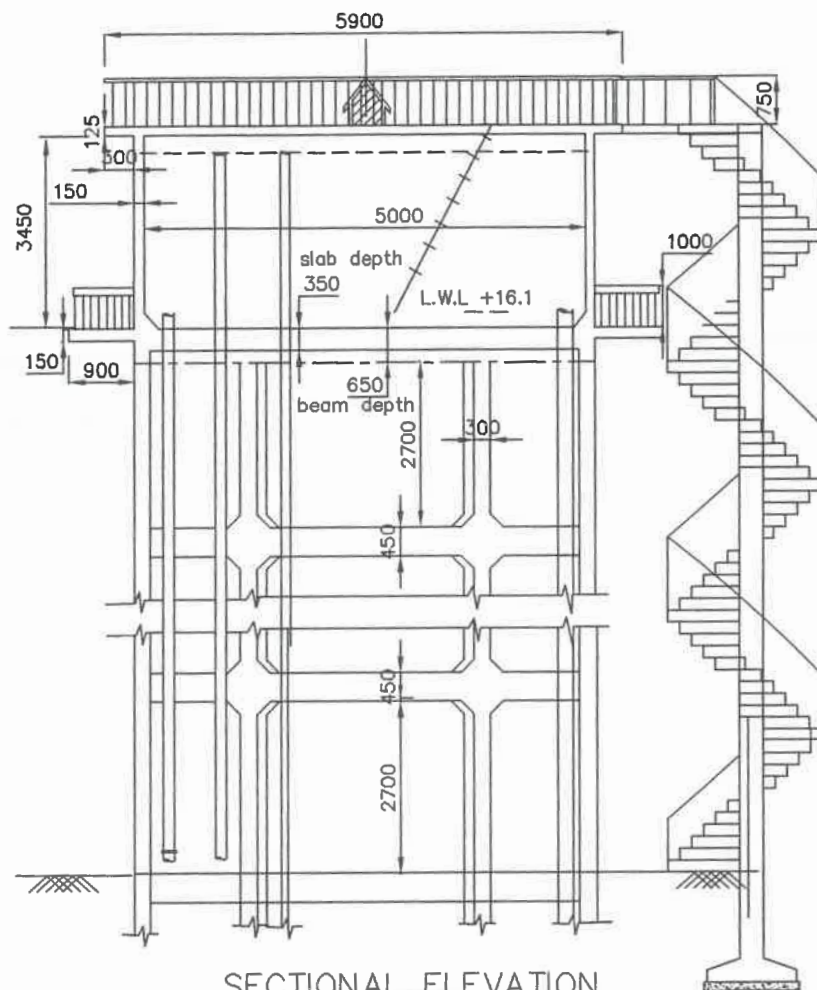
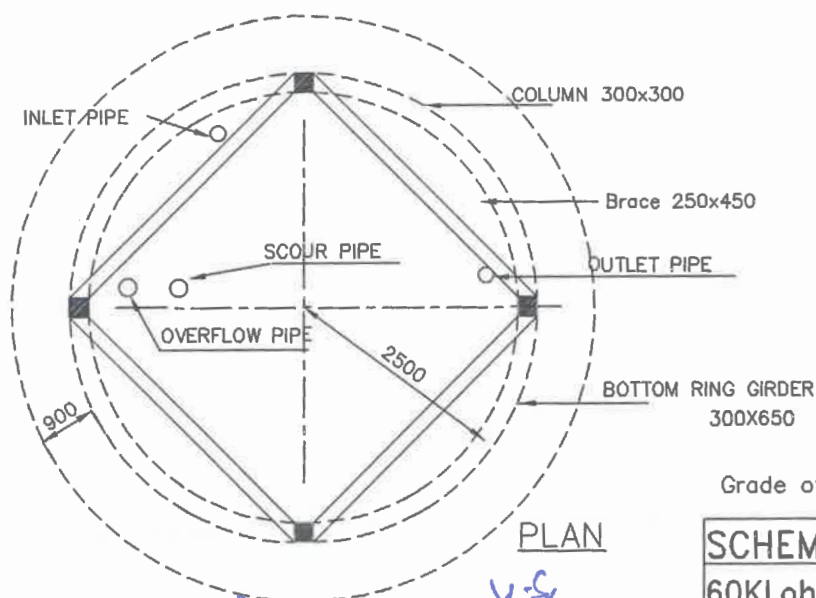




SECTIONAL ELEVATION

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



PLAN

//Approved//

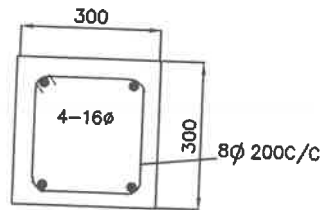
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

Grade of concrete : M30

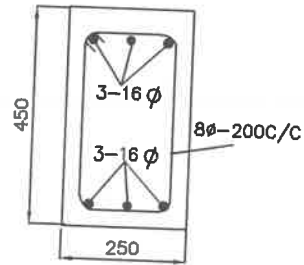
SCHEME:

60KLohr stg=16.1m

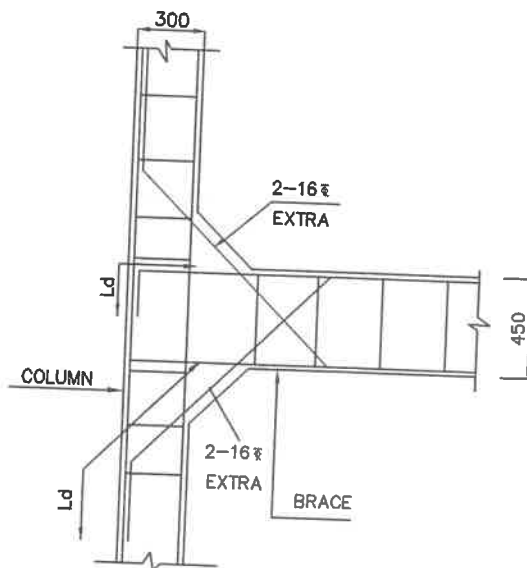
OHBR | OHSR



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 curtailed at a given section

Grade of concrete : M30

Salaje
AEE

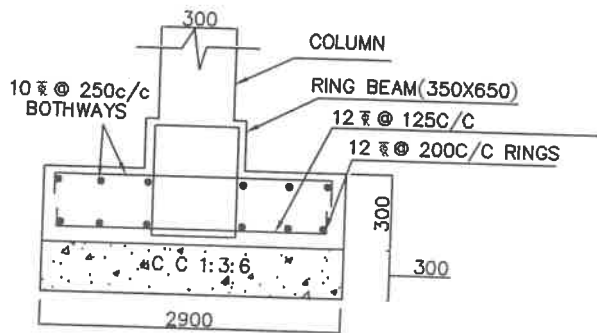
Bo
DEE

Y-S
EE

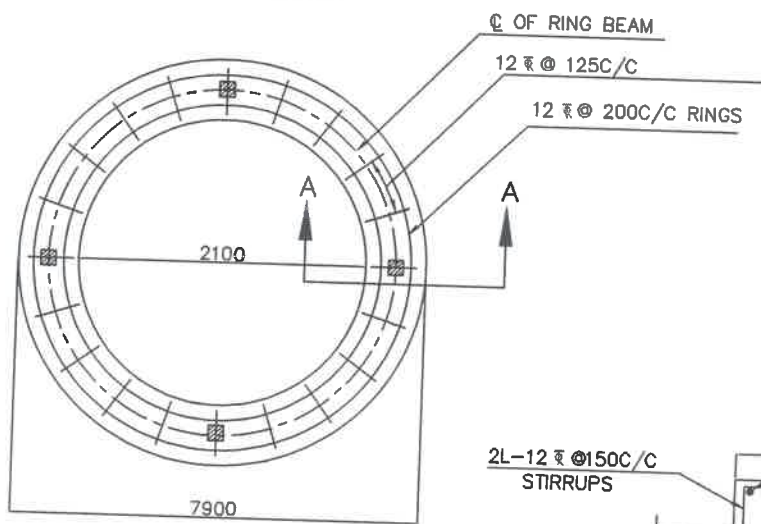
// Approved //

R. S. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

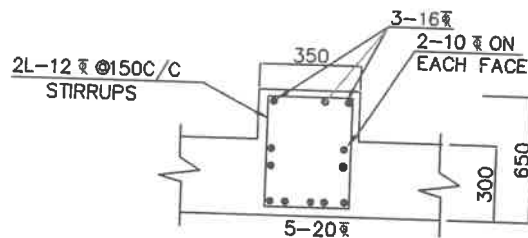
SCHEME: OHBR / OHSR
60 KL ohsr-16.10m stg
wind speed 42m/s



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m
- Clear height between the braces : 2.7
- No of stagings : 5
5. 8Nos 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

8. all side covers 50mm
- Grade of concrete : M30

//Approved//

Deviya
AEE

Devi
DEE

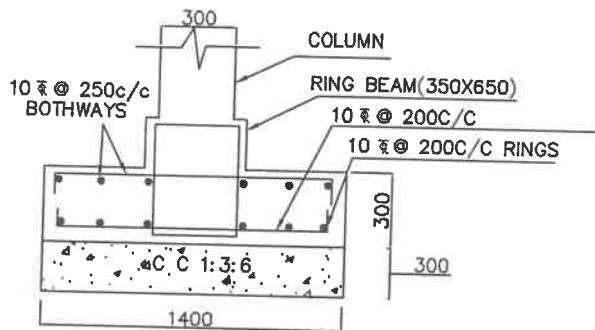
YS
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

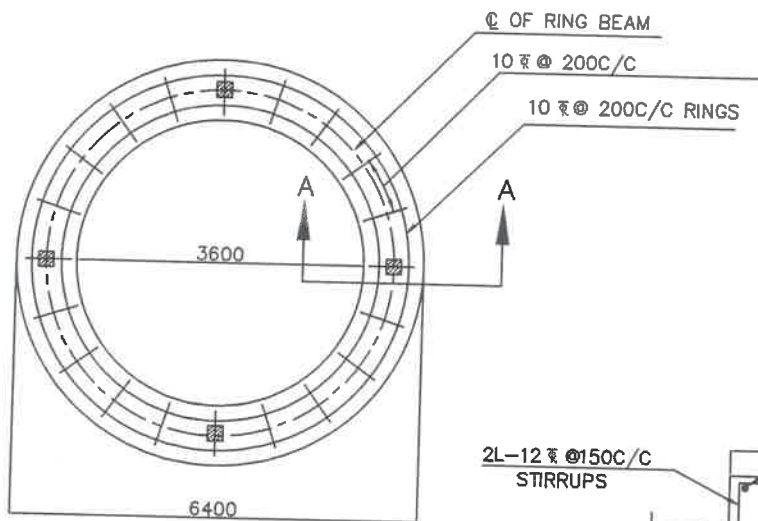
SCHEME: OHBR | OHSR

60KL ohsr16.10m stg

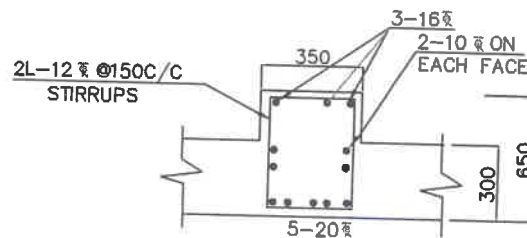
SBC SOIL = 5T/M²



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m

Clear height between the braces : 2.7

No of stagings : 5

5. 8 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

8. all side covers 50mm

Grade of concrete : M30

Subby
AEE

Poo
DEE

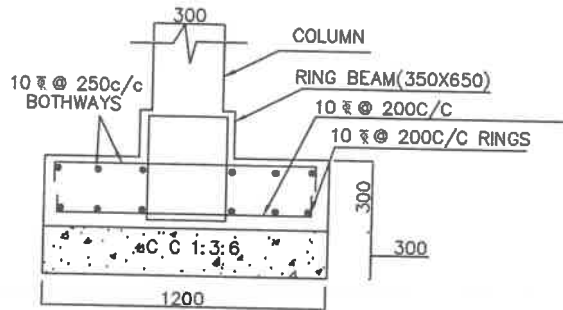
Y-S
EE

// Approved //
P. S. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

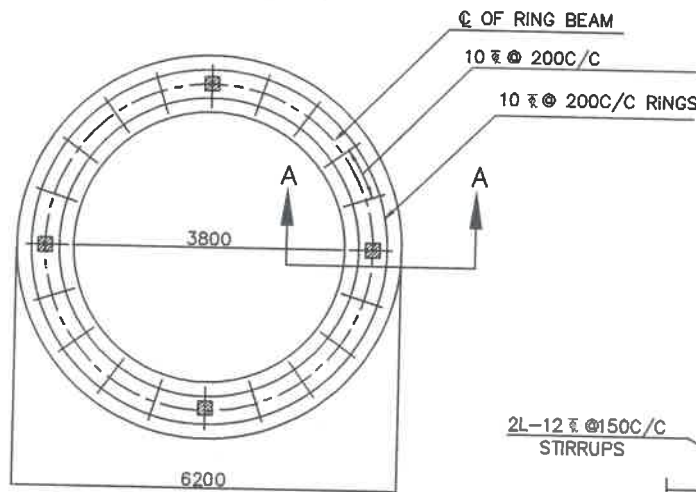
SCHEME: OHBR / OHSR

60KL ohsr 16.10m stg

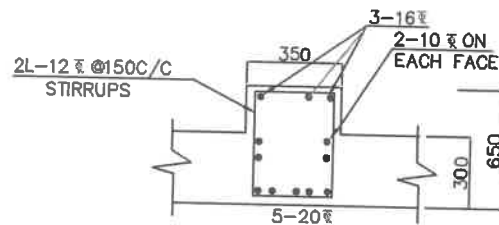
SBC SOIL = 10T/M²



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m

Clear height between the braces : 2.7

No of stagings : 5

5. 8Nos 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

8. all side covers 50mm

Grade of concrete : M30

// Approved //

Sailaje
AEE

Be
DEE

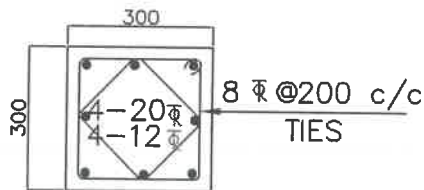
Y-S
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

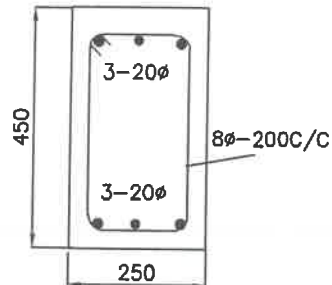
SCHEME: OHBR / OHSR

60KL ohsr 16.10m stg

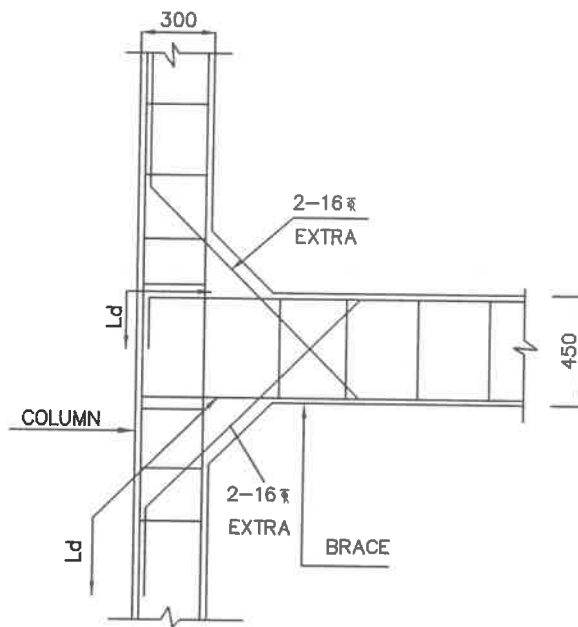
SBC SOIL $\geq 15 \text{ T/M}^2$



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 curtailed at a given section

Grade of concrete : M30

//Approved//

AEE
AEE

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DEE

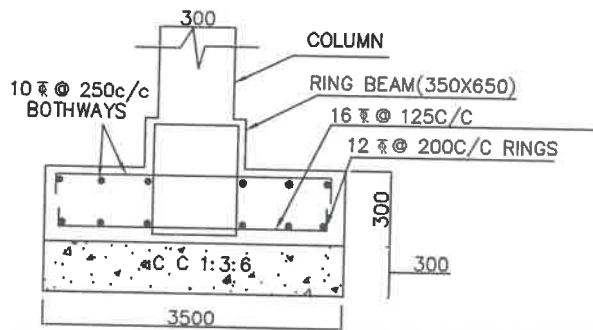
EE
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

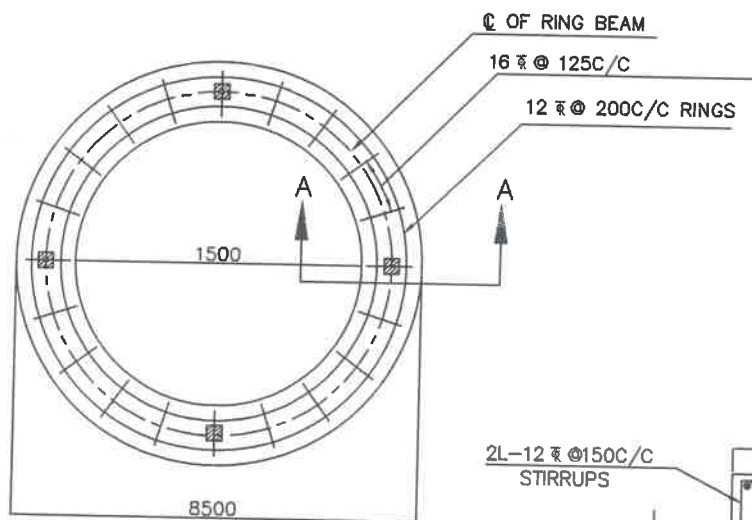
SCHEME: OHBR | OHSR

60 KL ohsr-16.10m stg

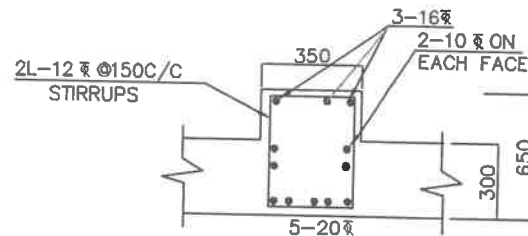
wind speed 56m/s



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 : 200 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m

Clear height between the braces : 2.70

No of stagings : 5

5. 8 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

AEE
AEE

DEE
DEE

EE
EE

// Approved //

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

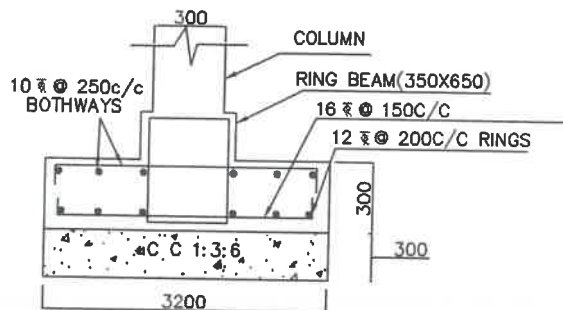
8. all side covers 50mm

Grade of concrete : M30

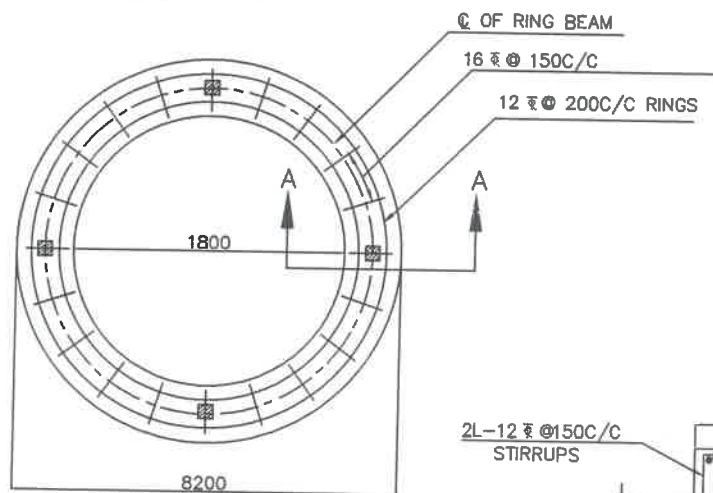
SCHEME: OHBR / OHSR

60KL ohsr 16.10m stg

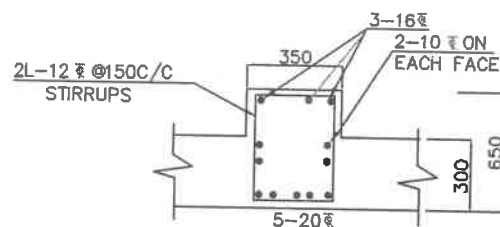
SBC SOIL = 5T/M²



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 : 200 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m

Clear height between the braces : 2.70

No of stagings : 5

5. 8Nos 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

AEE
AEE

DEE
DEE

EE
EE

// Approved //

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

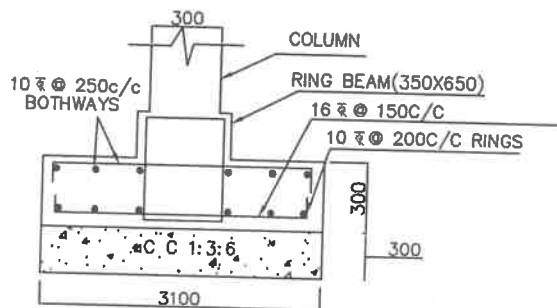
8. all side covers 50mm

Grade of concrete : M30

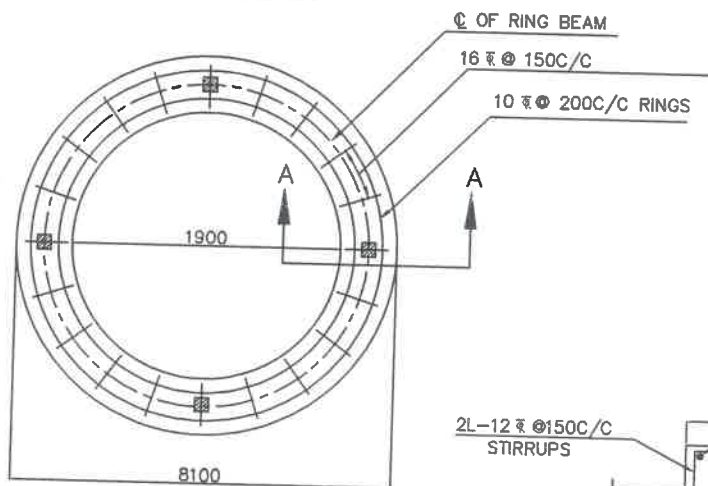
SCHEME: OHBR | OH6R

60KL ohsr16.10m stg

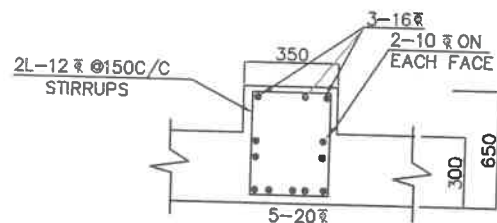
SBC SOIL = 10T/M²



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 : 200 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 16.10m

Clear height between the braces : 2.70

No of stagings : 5

5. 8Nos 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

Adilg's
AEB

Por
DEE

Y.S
EE

// Approved //

P. H. Reddy
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

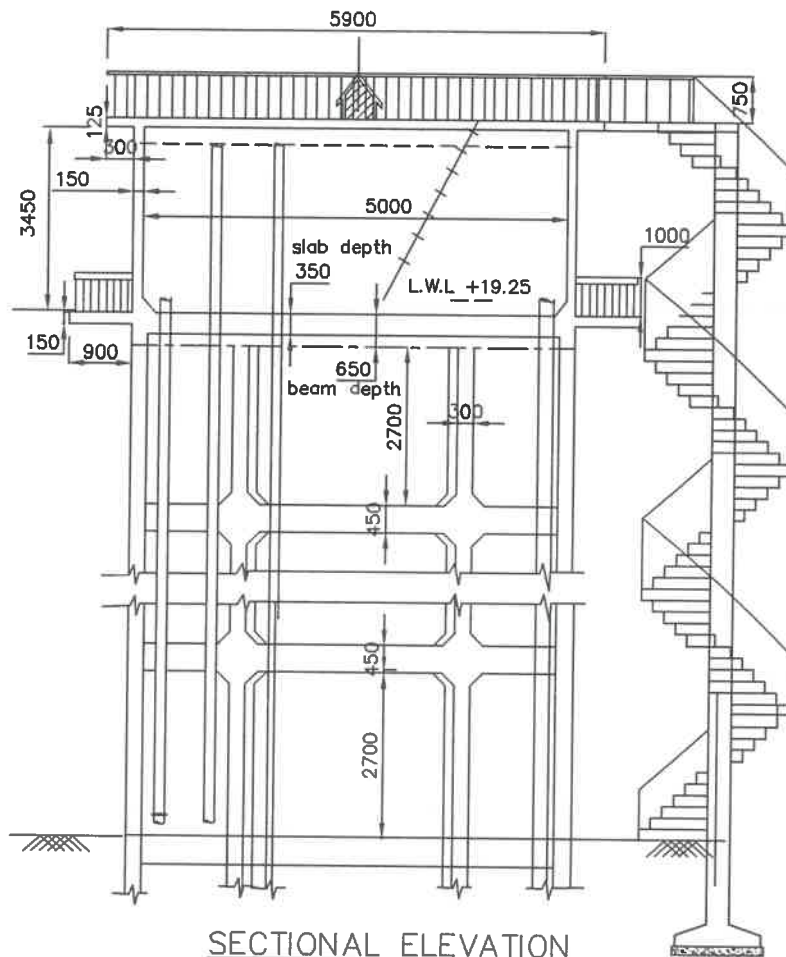
8. all side covers 50mm

Grade of concrete : M30

SCHEME: OHBR | OHSR

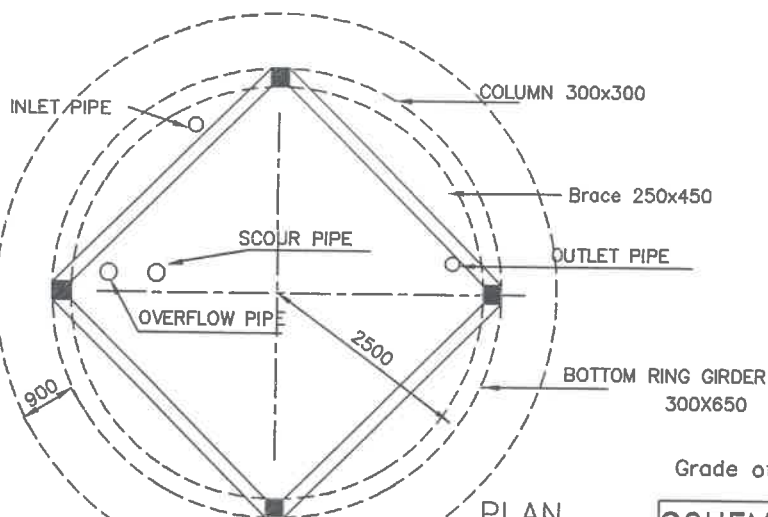
60KL ohsr 16.10m stg

SBC SOIL $\geq 15T/m^2$



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



// Approved //

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

Grade of concrete : M30

SCHEME:

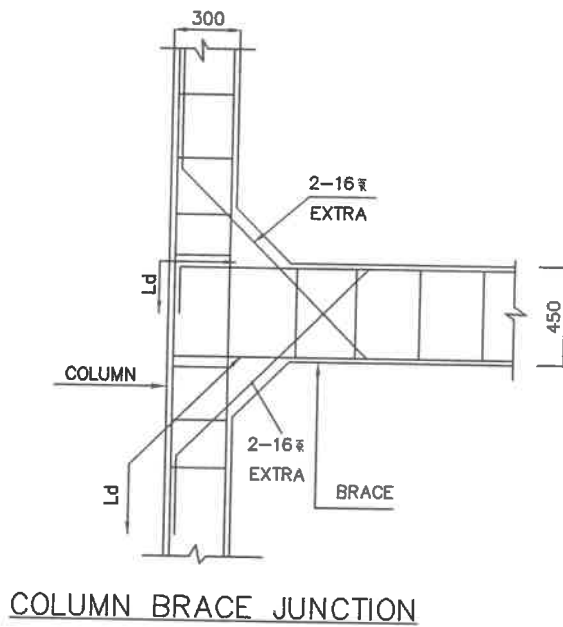
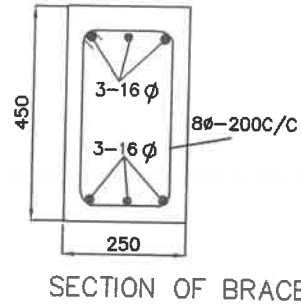
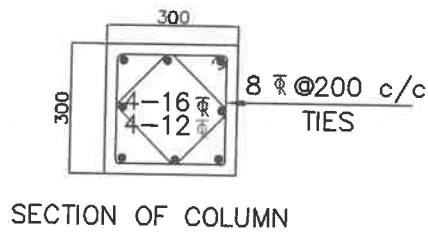
60KLohsr stg=19.25m

OHBR | OHSR

shilaja
AEE

DEE

PLAN
y-s
EE



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

Grade of concrete : M30

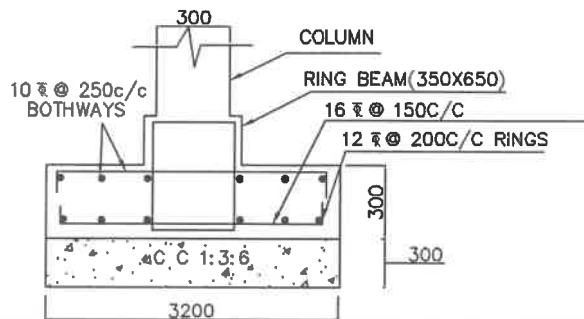
Sailaja
AEE

Por
DEE

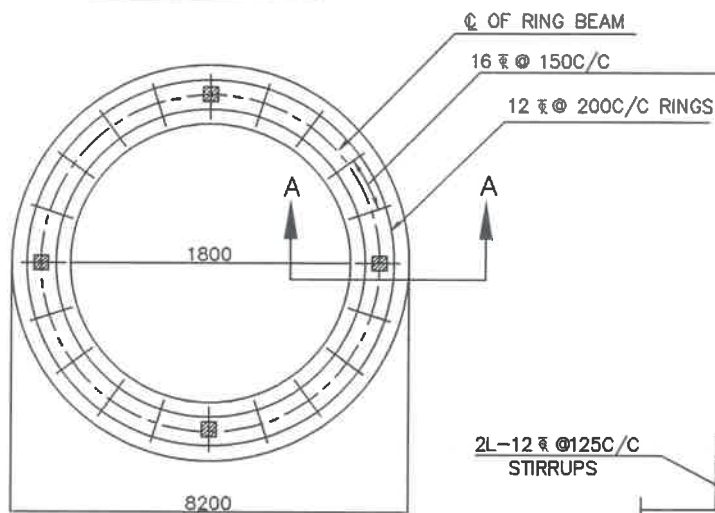
Y.S
EE

//Approved//
R. Kaly
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

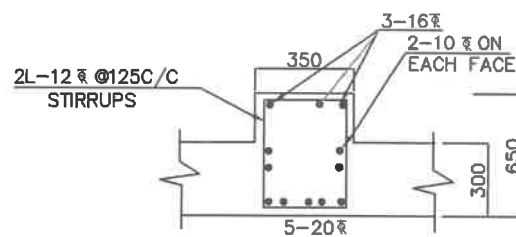
SCHEME: OHBR | OHSR
60 KL ohsr-19.25m stg
wind speed 42m/s



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 19.25m

Clear height between the braces : 2.7

No of stagings : 6

5. 8Nos 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

8. all side covers 50mm
- Grade of concrete : M30

// Approved //

Signature
AEE

Signature
DEE

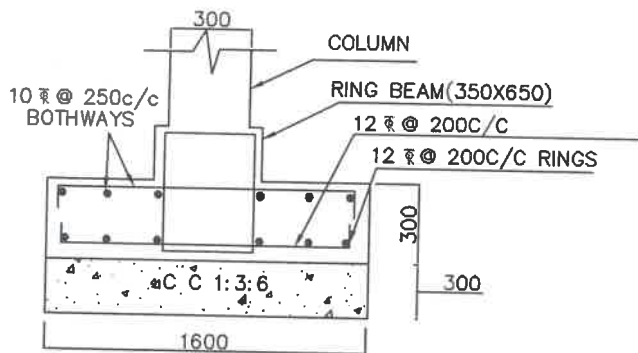
Signature
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

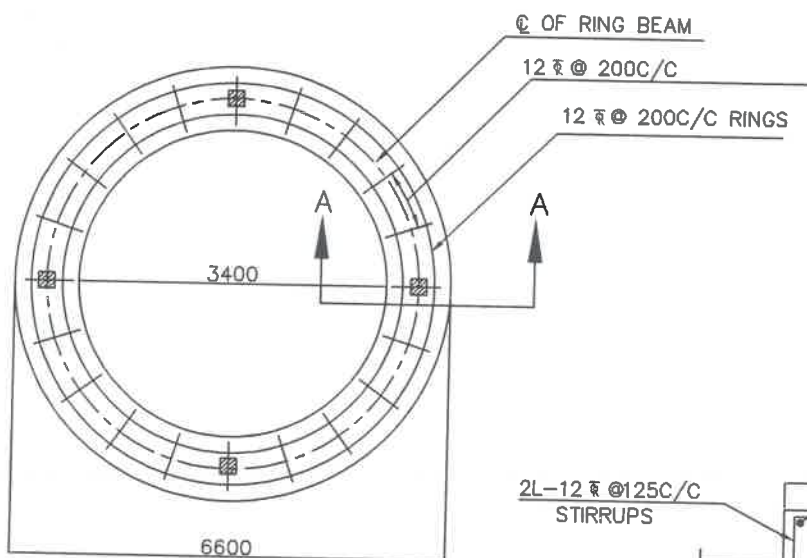
SCHEME: OHBR / OHSR

60KL ohsr 19.25m stg

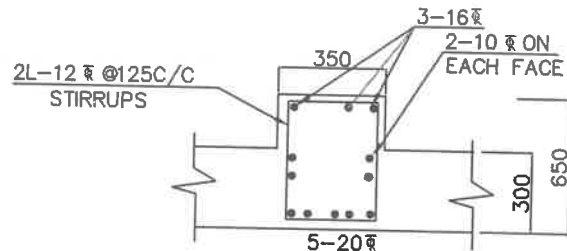
SBC SOIL = 5T/M²



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 : 150 KMPH
3. Depth below foundation : 2.5m
4. Staging height : upto 19.25m

Clear height between the braces : 2.7

No of stagings : 6

5. 8Nos 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

Sanjeev
AEE

Dee
DEE

Y.S.
EE

// Approved //

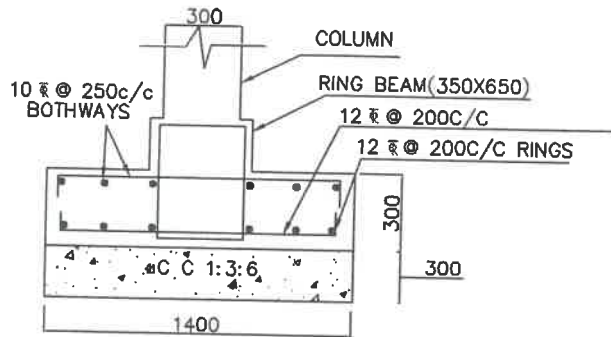
RWS&S
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

8. all side covers 50mm
Grade of concrete : M30

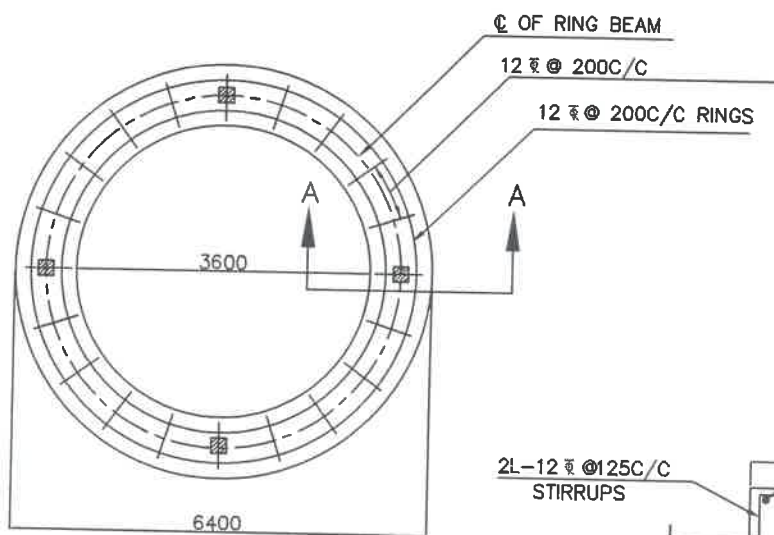
SCHEME: OHBR / OHSR

60KL ohsr 19.25m stg

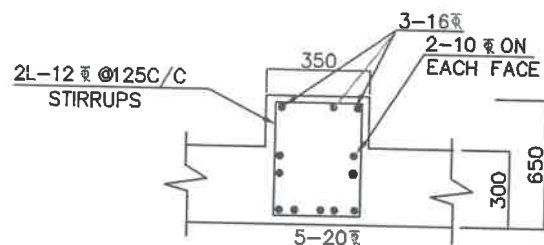
SBC SOIL = 10T/M²



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 19.25m

Clear height between the braces : 2.7

No of stagings : 6

5. 8 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

8. all side covers 50mm
Grade of concrete : M30

// Approved //

AE
AEE

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DEE

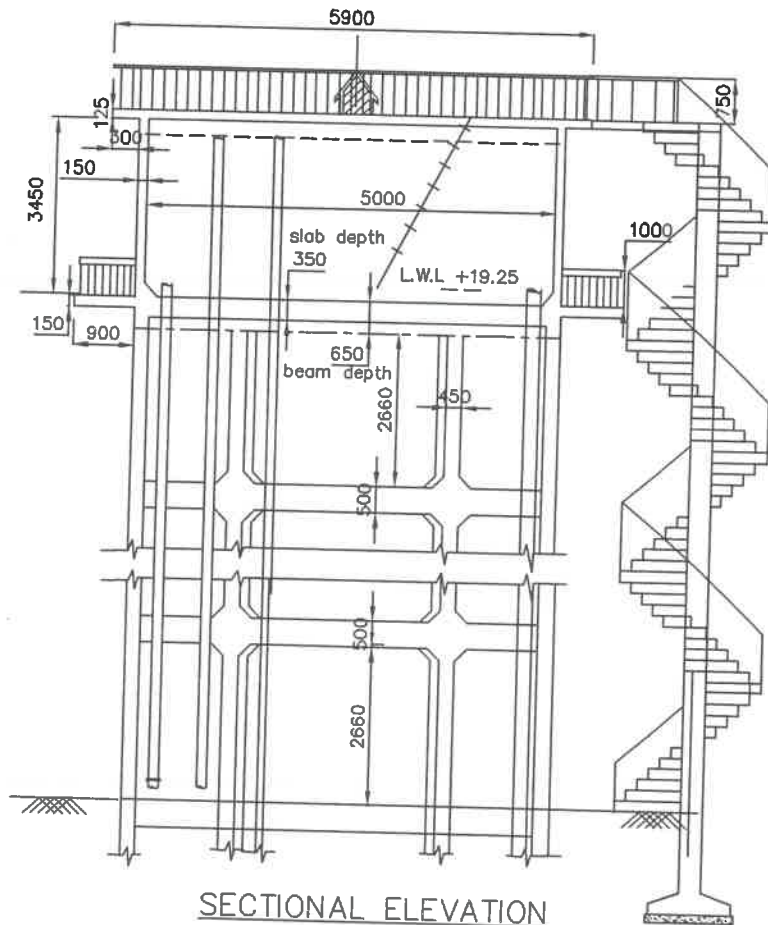
EE
EE

Chief Engineer-III
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR | OHSR

60KL ohsr 19.25m stg

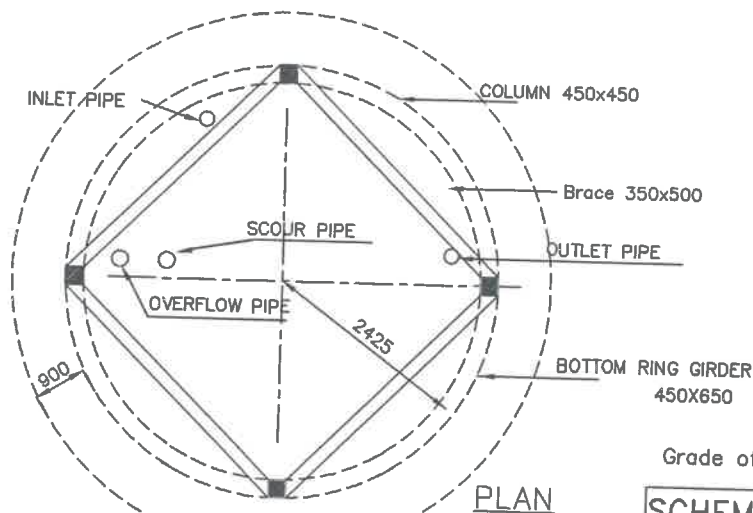
SBC SOIL $\geq 15 \text{ T/M}^2$



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



PLAN

//Approved//

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

Grade of concrete : M30

SCHEME: OHBR / OHSR

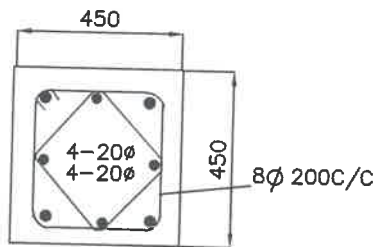
60K Lohsr stg=19.25m

Wind speed 200kmph

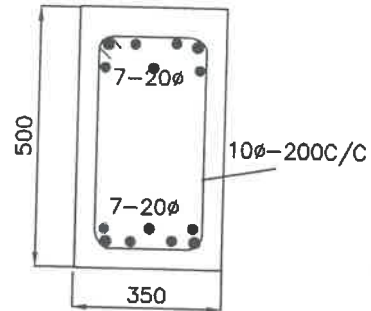
Sailaja
AEE

Pop
DEE

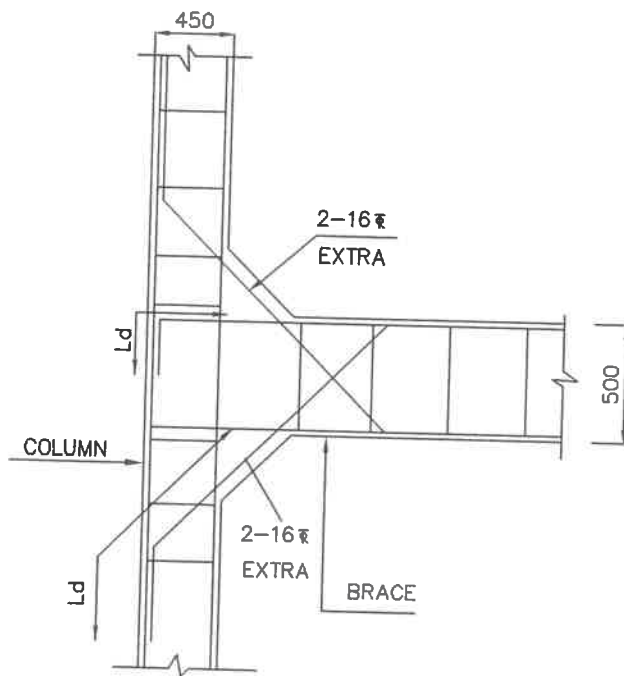
Y.S.
EE



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 curtailed at a given section

Grade of concrete : M30

//Approved//

AEE
AEE

DEE
DEE

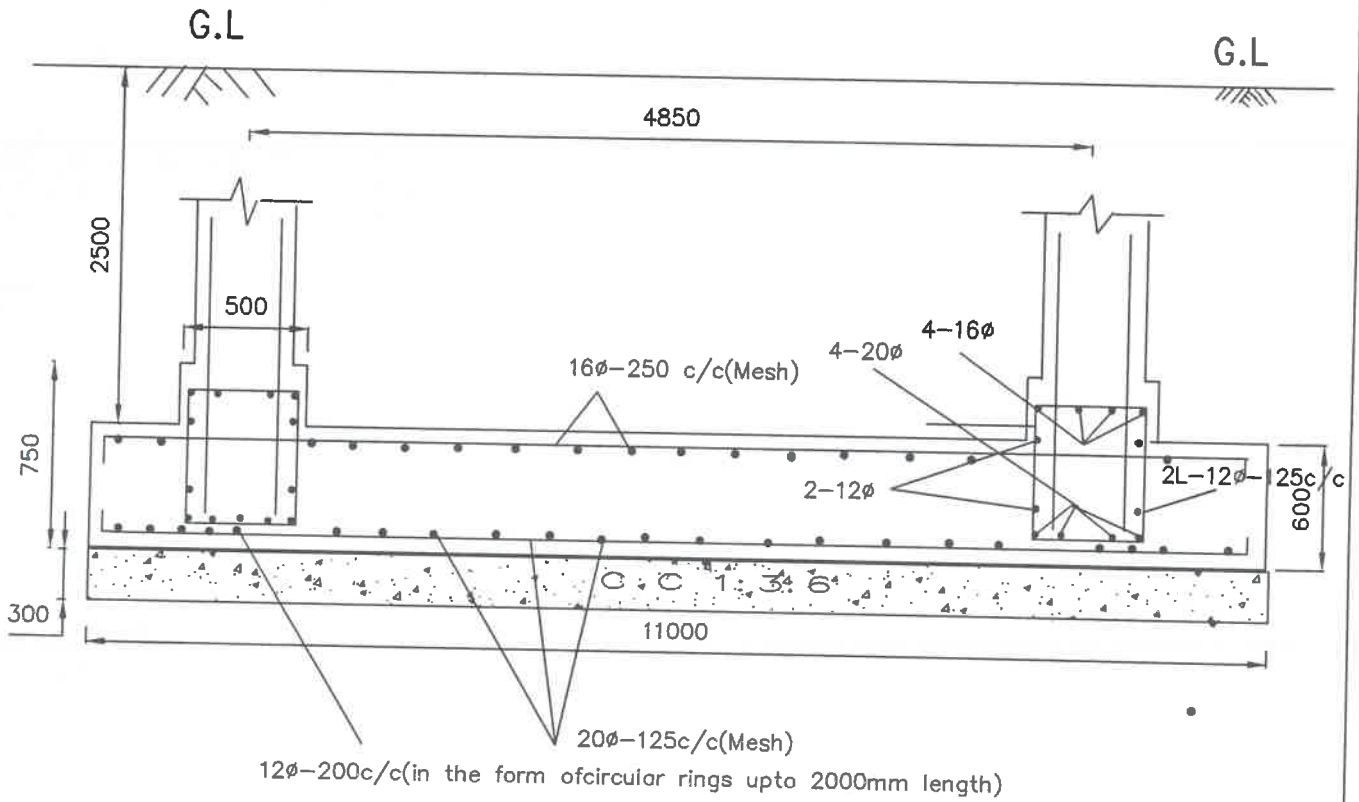
EE
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR | OHSR

60 KL OHSR -19.25m stg

WIND SPEED: 200KMPH



SECTION OF RAFT SLAB

NOTES

- Grade of concrete : M30
- Grade of steel : Fe415
- Basic wind speed : 200 KMPH
- Depth of foundation : 2.5 M
- Staging height : 19.25M
- Clear height between the braces : 2.66M
- No of stagings : 6
- 8 Nos of 16φ diagonal bars shall be provided at column brace junction
- For detailing of reinforcement IS SP-34 shall be followed
- All dimensions are in 'mm' unless specified

provide sand filling-300mm

//Approved//

[Signature]
AEE

[Signature]
DEE

[Signature]
EE

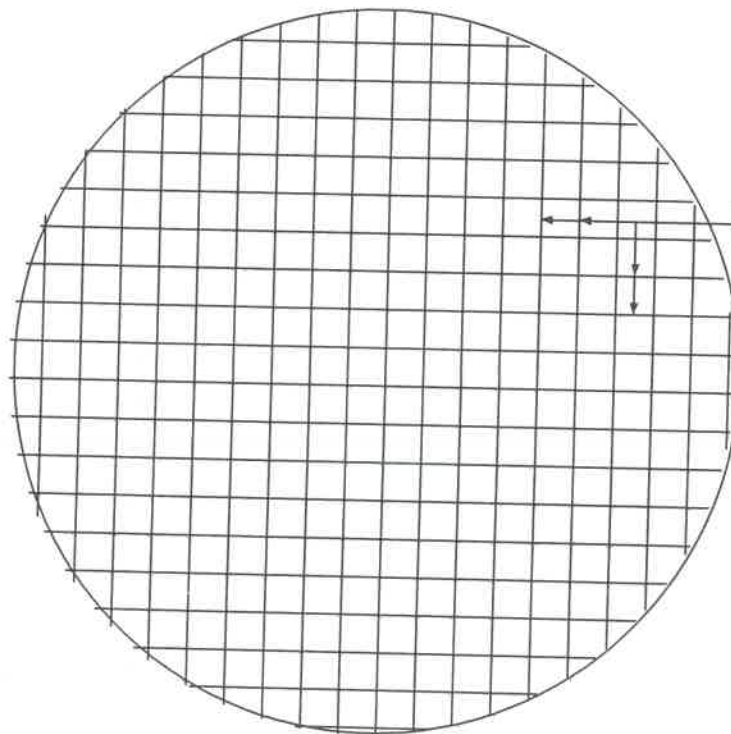
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Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME:

60KL O.H.S.R

S.B.C-5T/M²

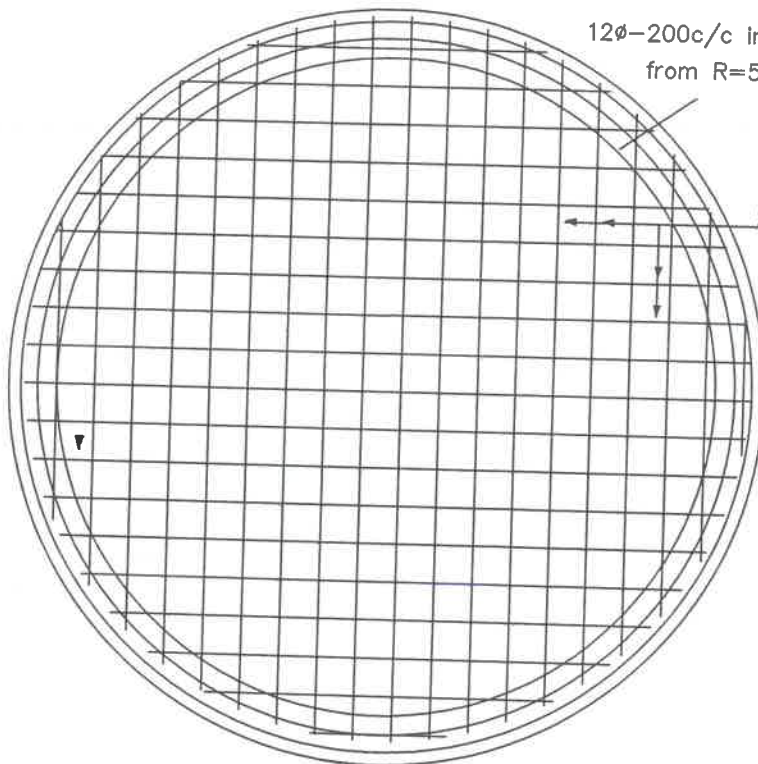
R-5500



16 ϕ -250c/c

TOP LAYER OF BOTTOM RAFT

R-5500



12 ϕ -200c/c in the form of circular rings upto 2000mm from R=5.5m extra over the mesh

20 ϕ -125

Basic wind speed : 200 KMPH

BOTTOM LAYER OF BOTTOM RAFT

//Approved//

[Signature]
AEE

[Signature]
DEE

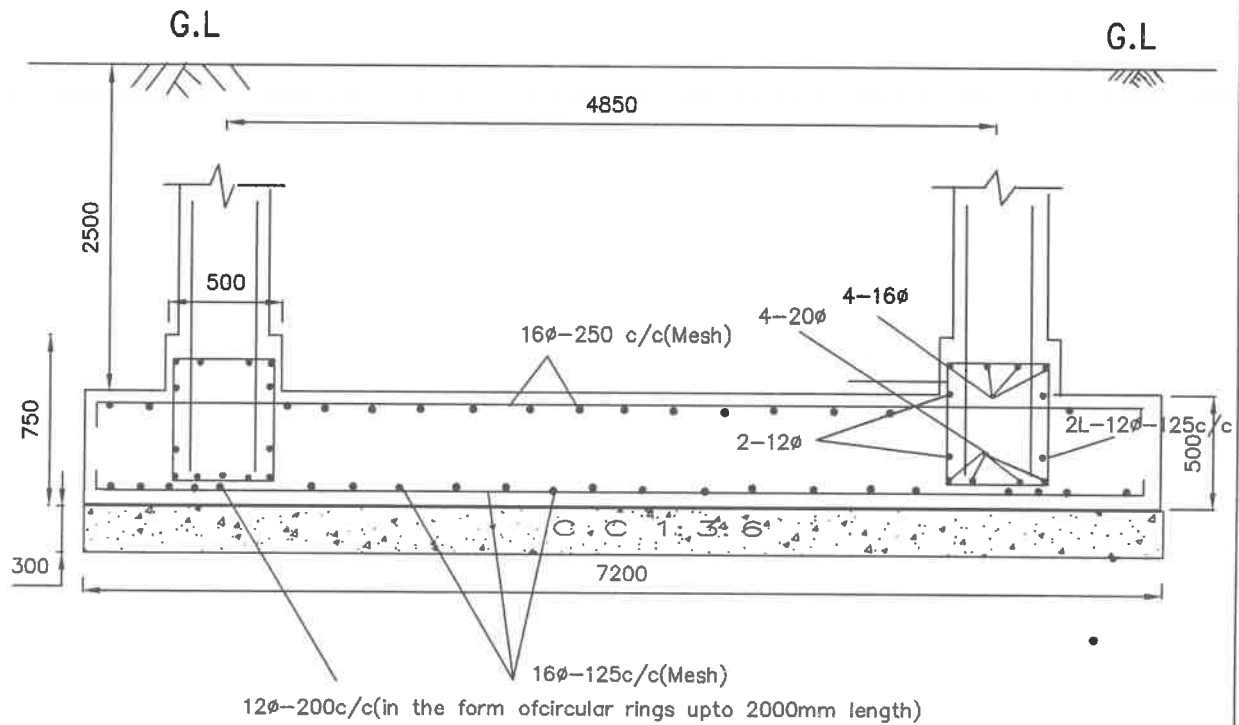
[Signature]
EE

[Signature]
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME:

60KL O.H.S.R

S.B.C-5T/M²



SECTION OF RAFT SLAB

NOTES

1. Grade of concrete : M30
2. Grade of steel : Fe415
3. Basic wind speed : 200 KMPH
3. Depth of foundation : 2.5 M
4. below G.L upto top of Raft
4. Staging height : 19.25M
- Clear height between the braces : 2.66M
- No of stagings : 6
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6. For detailing of reinforcement IS SP-34 shall be followed
7. All dimensions are in 'mm' unless specified

provide sand filling-300mm

// Approved //

Sailaja
AEE

Pok
DEE

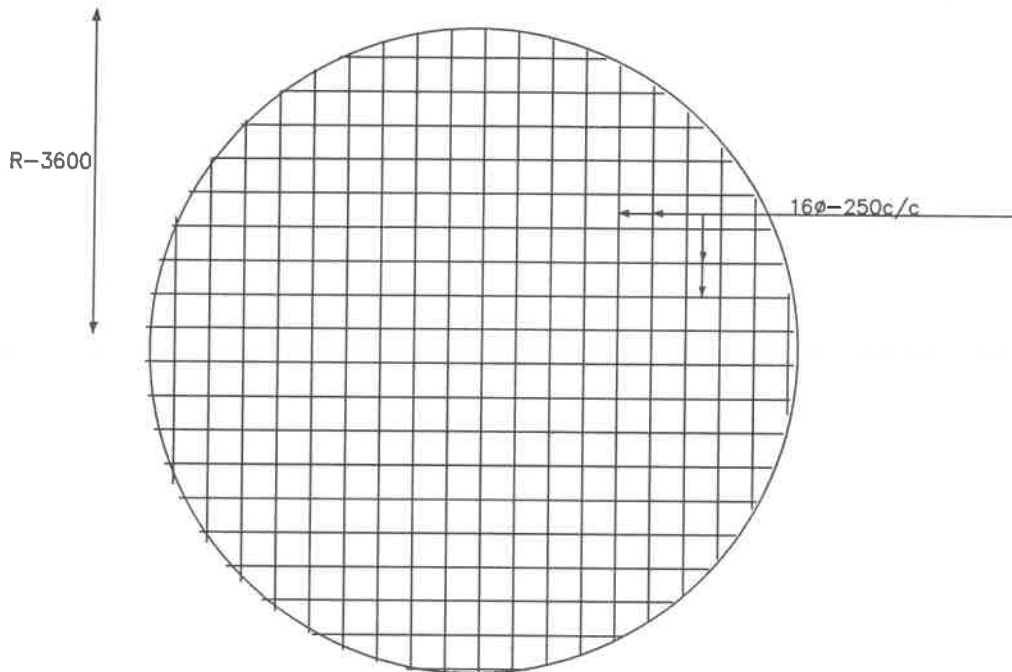
Y-S
EE

R. K. Ravi
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

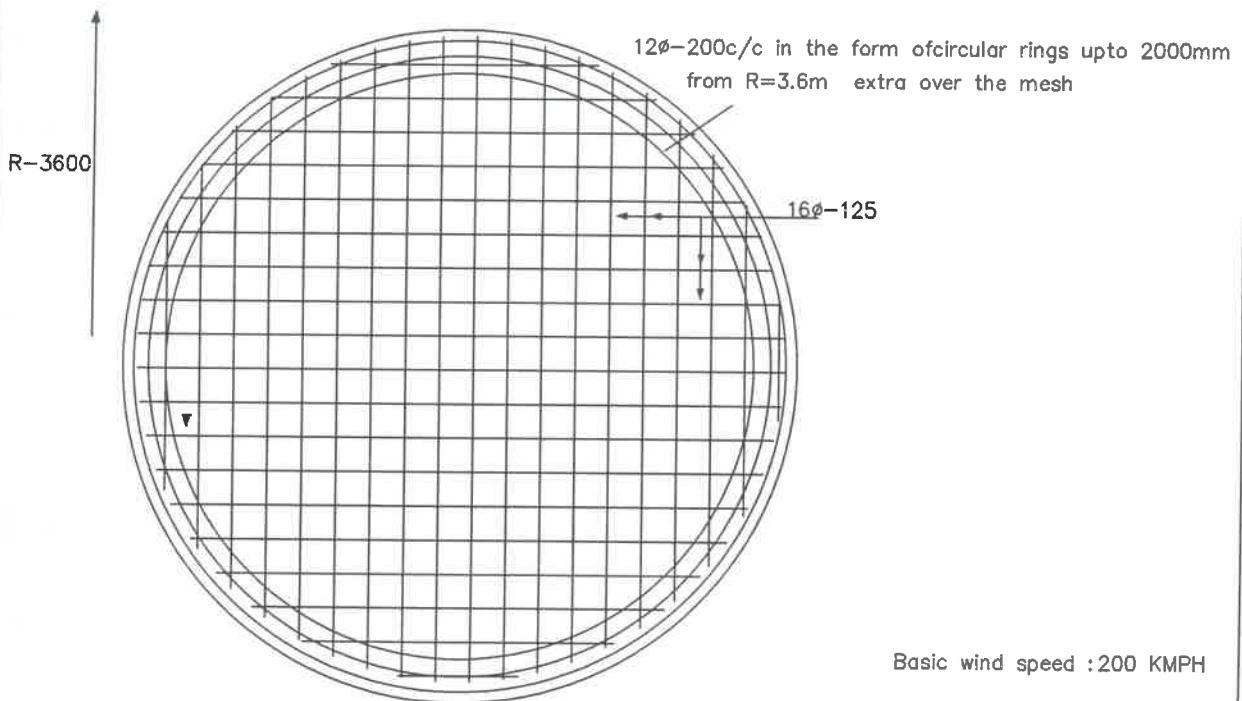
SCHEME:

60KL O.H.S.R / OHBR

S.B.C-10T/M²



TOP LAYER OF BOTTOM RAFT



BOTTOM LAYER OF BOTTOM RAFT

Basic wind speed : 200 KMPH

shilpa
AEE

Re
DEE

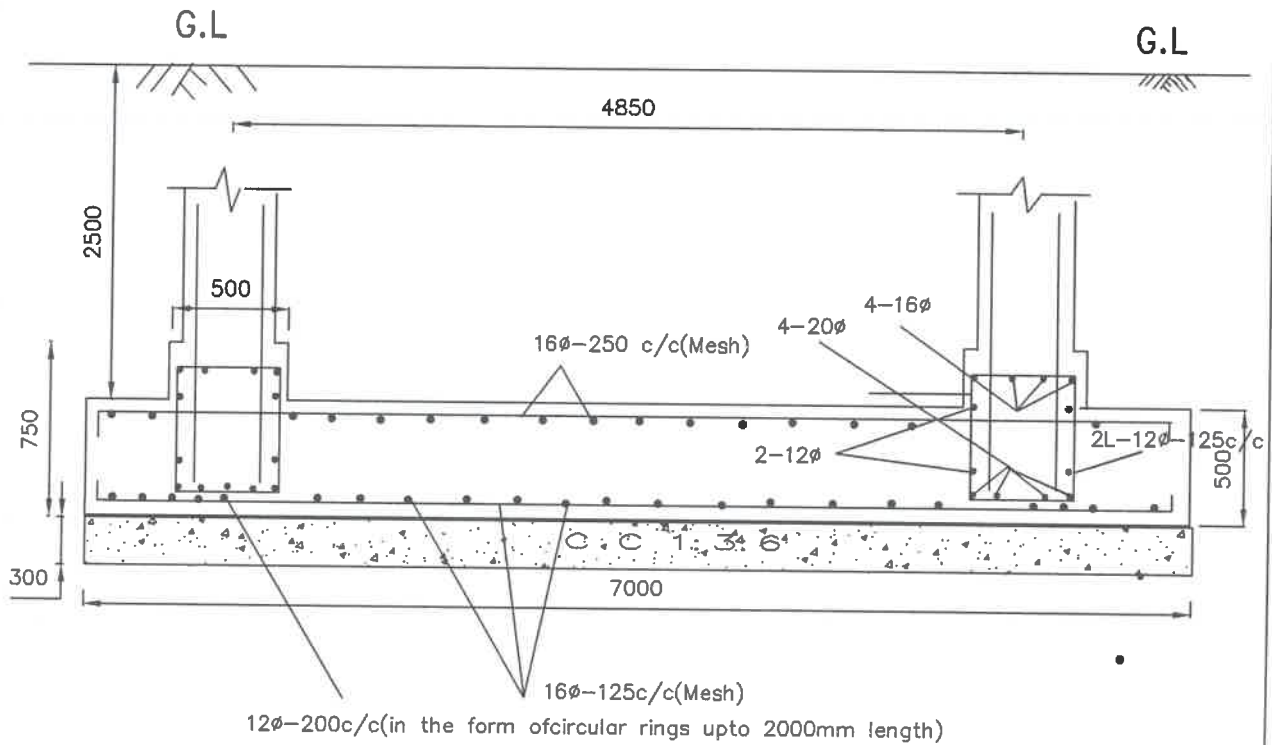
Y-S
EE

//Approved//
R. K. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME:

60KL O.H.S.R / OHBR

S.B.C-10T/M²



SECTION OF RAFT SLAB

NOTES

- Grade of concrete : M30
- Grade of steel : Fe415
- Basic wind speed : 200 KMPH
- Depth of foundation : 2.5 M
- below G.L upto top of Raft
- Staging height : 19.25M
- Clear height between the braces : 2.66M
- No of stagings : 6
- 8 Nos of 16Ø diagonal bars shall be provided at column brace junction
- For detailing of reinforcement IS SP-34 shall be followed
- All dimensions are in 'mm' unless specified

provide sand filling-300mm

//Approved//

Sailaja
AEE

Por
DEE

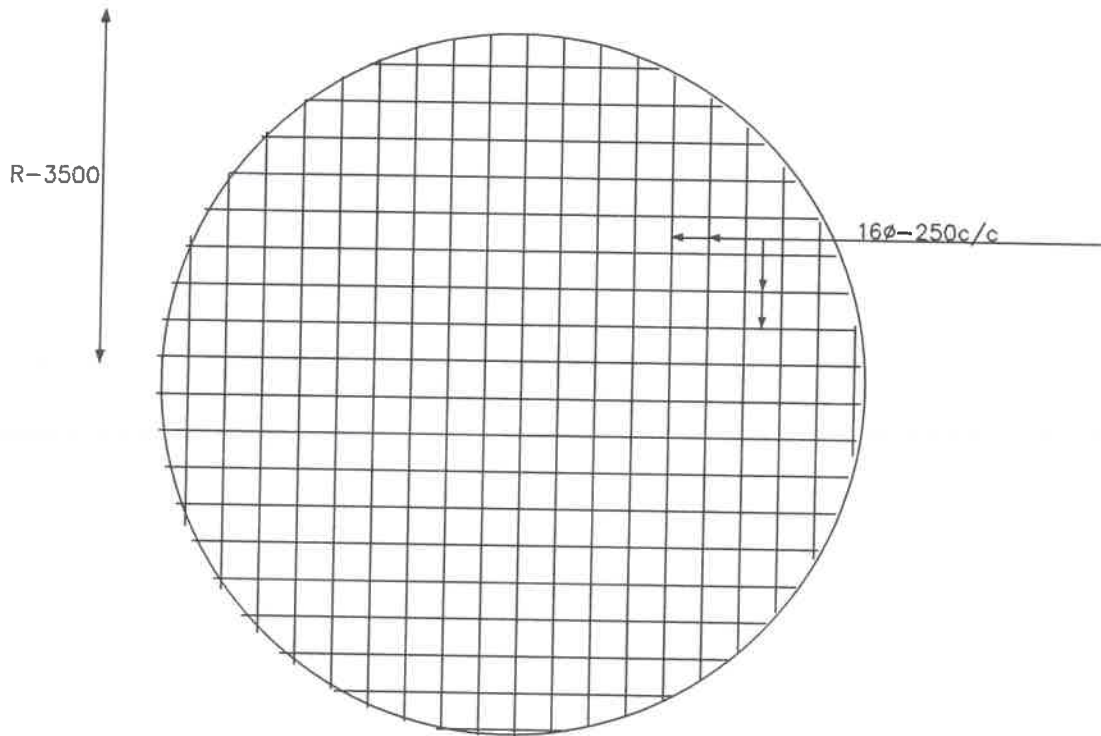
y.s
EE

R. Prabh
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

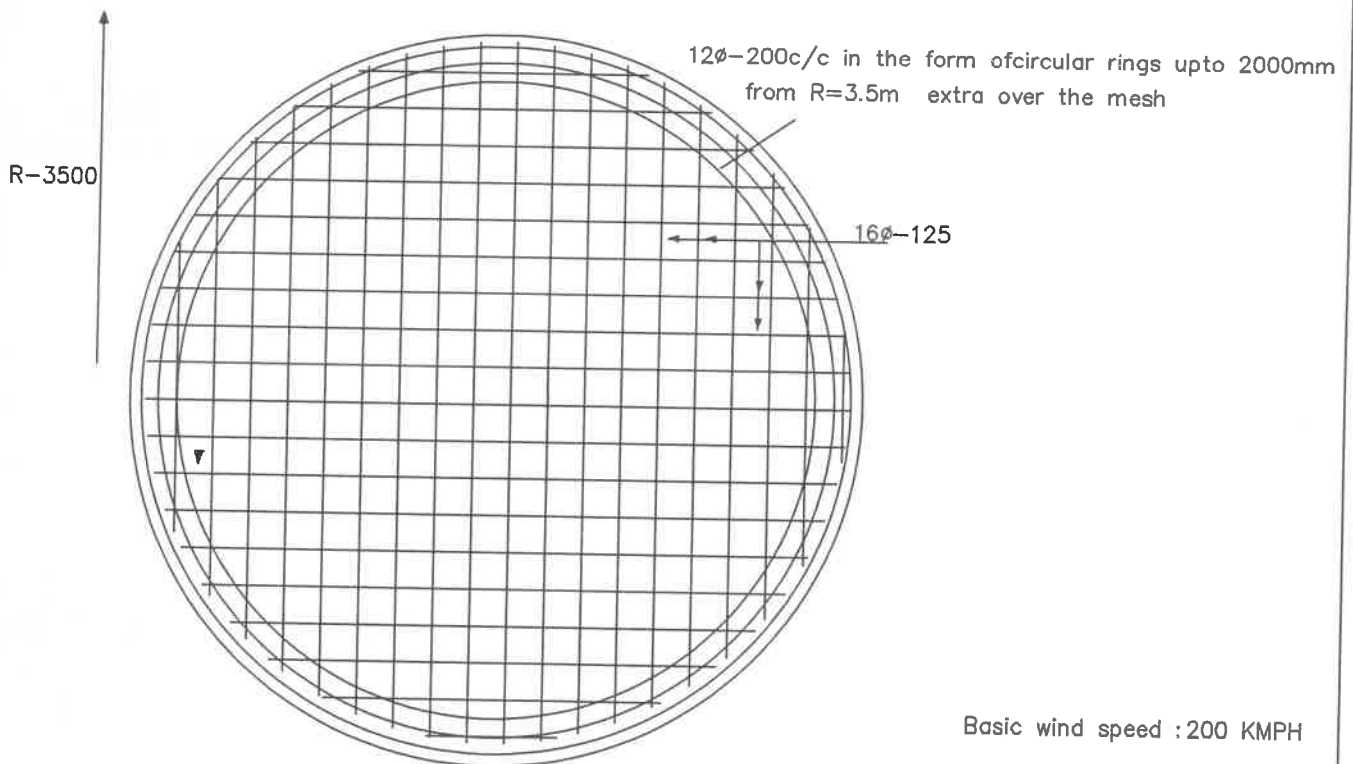
SCHEME:

60KL O.H.S.R / OHBR

S.B.C-15T/M²



TOP LAYER OF BOTTOM RAFT



BOTTOM LAYER OF BOTTOM RAFT

Basic wind speed : 200 KMPH

Sailaja
AEE

Dee
DEE

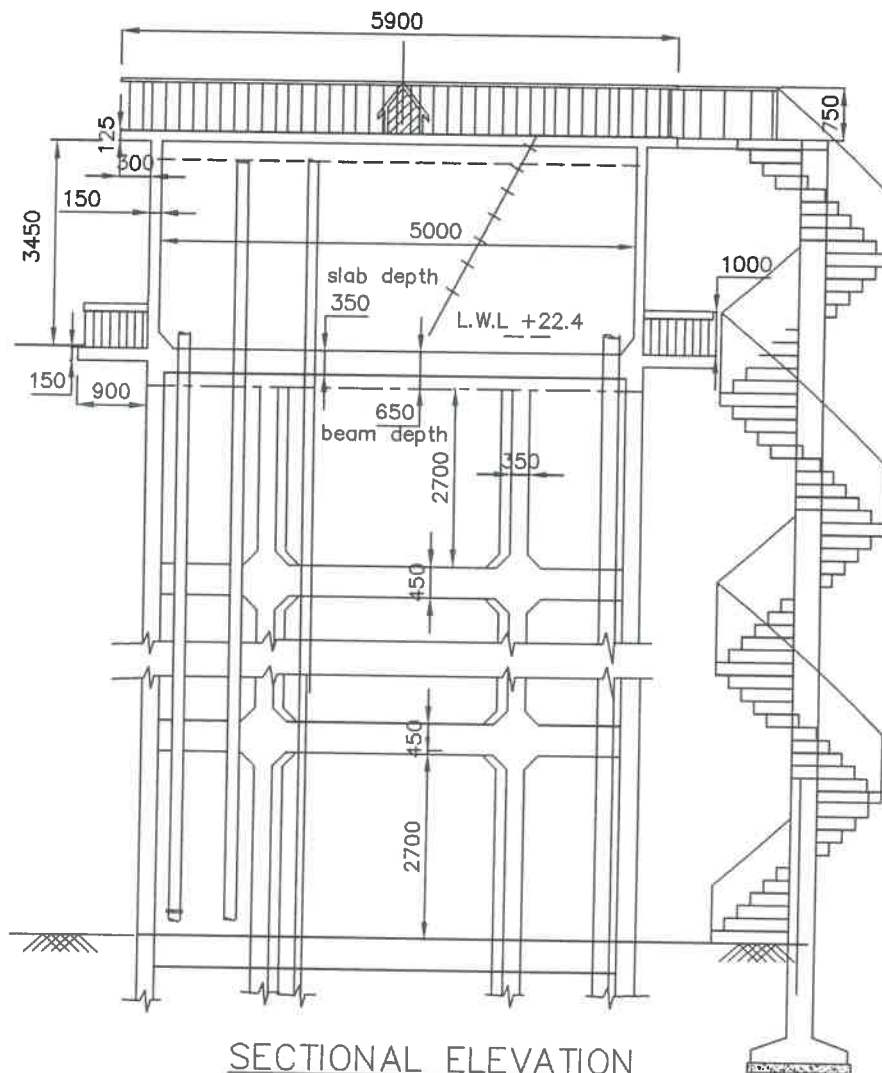
EE
EE

//Approved//
P. S. Reddy
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME:

60KL O.H.S.R / OHBR

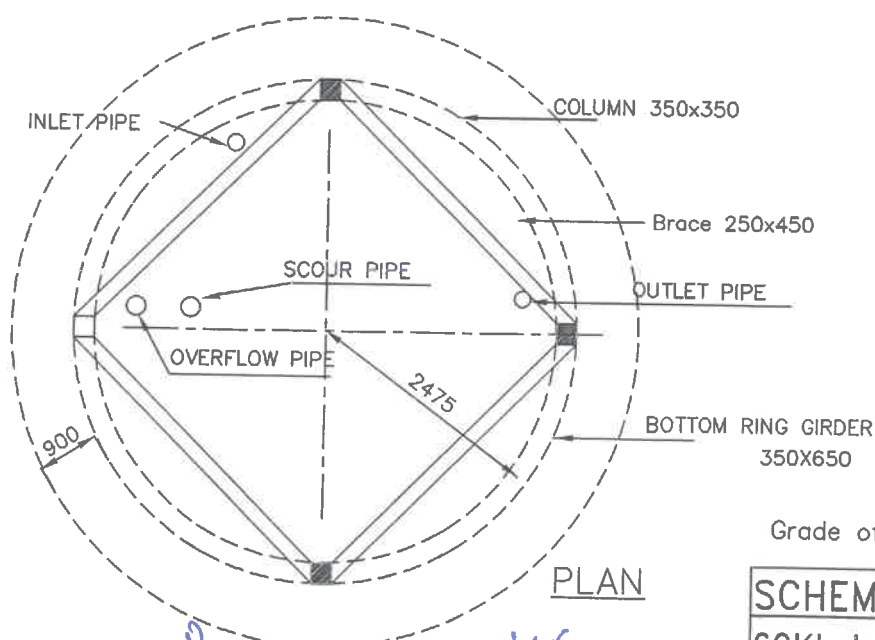
S.B.C $\geq 15T/M^2$



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



PLAN

//Approved//

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

Grade of concrete : M30

SCHEME:

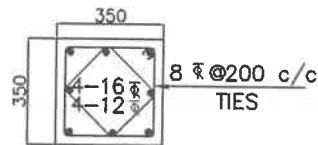
60KLohsr stg=22.40m

OHBR / OHSR

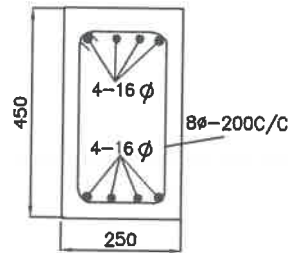
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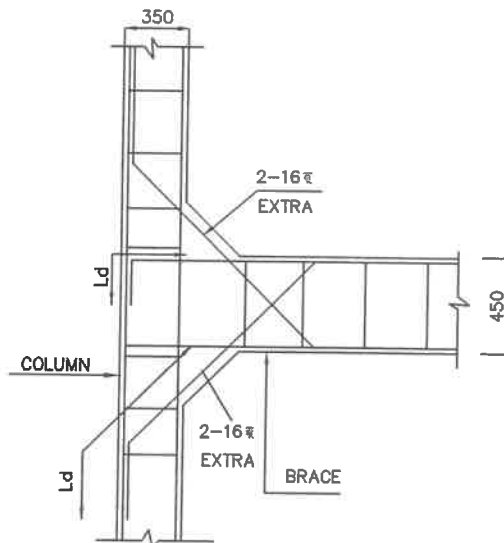
EE



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 curtailed at a given section

Grade of concrete : M30

//Approved//

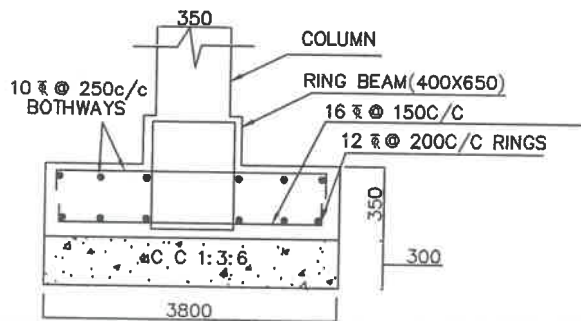
Silaje
AEE

P.R.
DEE

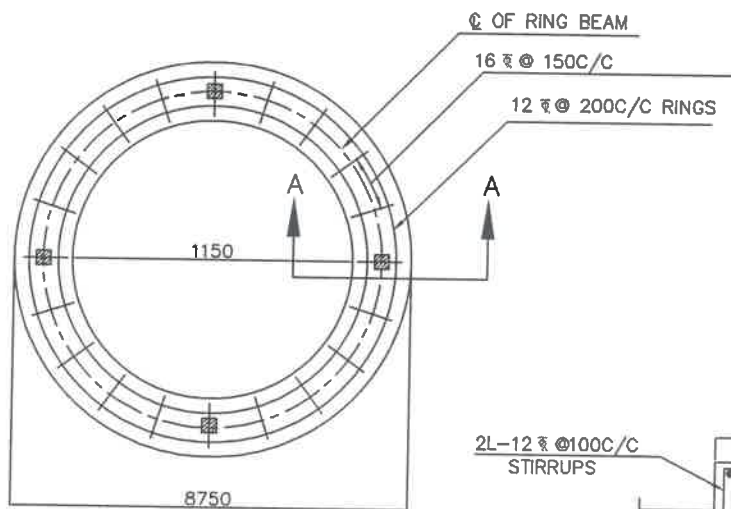
EE

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

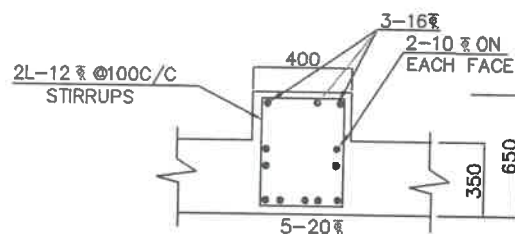
SCHEME: OHBR	OHSR
60 KL ohsr-22.40m stg	
wind speed 42m/s	



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 : 150 KMPH
3. Depth below foundation : 2.5M
4. Staging height : upto 22.40m

Clear height between the braces : 2.7

No of stagings : 7

5. 8Nos 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

daraje
AEE

Per
DEE

Y-S
EE

// Approved //

P. S. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

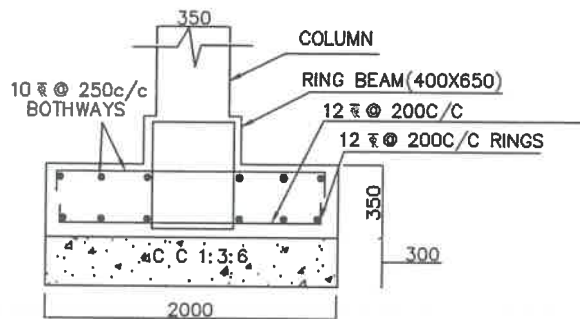
8. all side covers 50mm

Grade of concrete : M30

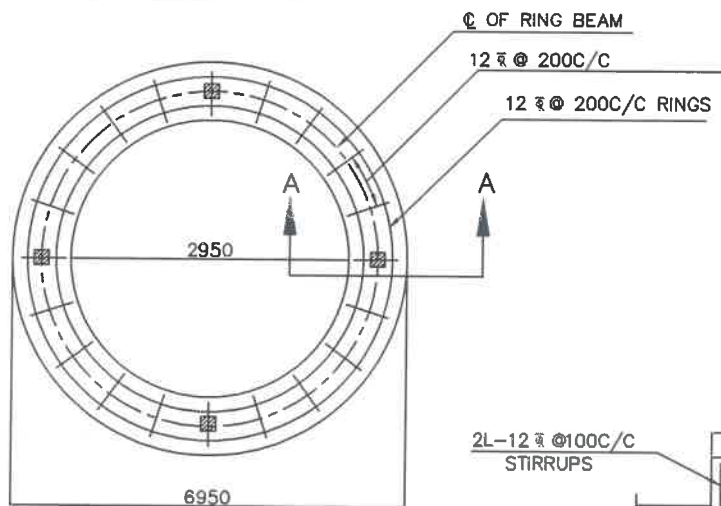
SCHEME: OHBR / OHSR

60KL ohsr22.40m stg

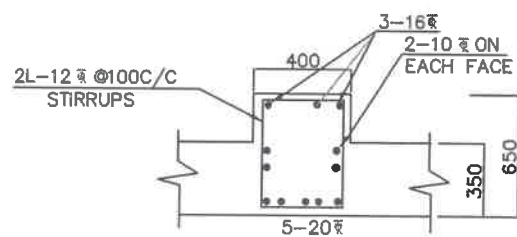
SBC SOIL = 5T/M²



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 : 150 KMPH
3. Depth below foundation : 2.5M
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Clear height between the braces : 2.7

No of stagings : 7

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6. For detailing of reinforcement

IS Sp-34 shall be followed

7. All dimensions are in mm unless specified

Sailaja
AEE

Por
DEE

YS
EE

// Approved //

P. H. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

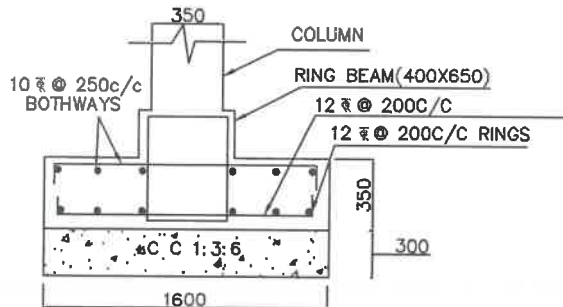
8. all side covers 50mm

Grade of concrete : M30

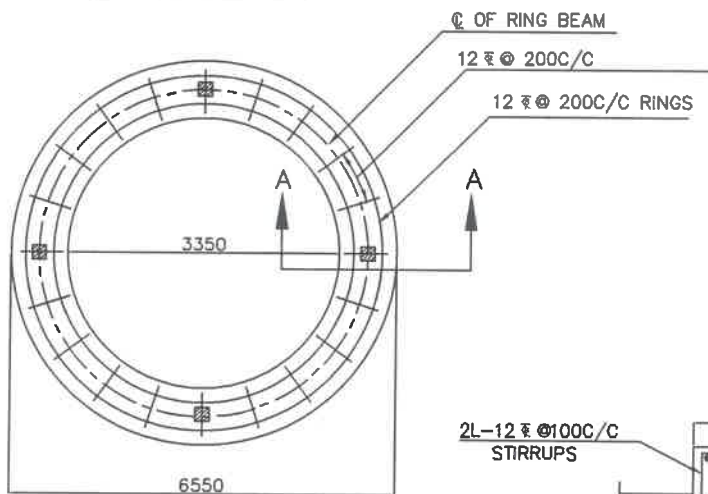
SCHEME: OHBR | OH5R

60KL ohsr22.40m stg

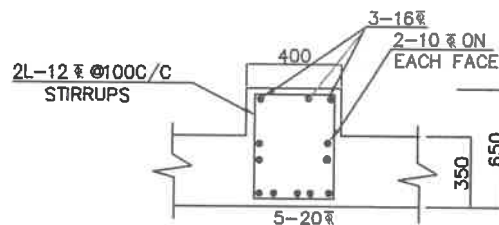
SBC SOIL = 10T/M²



SECTION A-A



BOTTOM REINFORCEMENT OF
RING FOUNDATION



SECTION OF RING BEAM

NOTE:

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- Grade of steel : Fe415
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3. Depth below foundation : 2.5M
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- No of stagings : 7
5. 8Nos 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

8. all side covers 50mm
- Grade of concrete : M30

Adilje
AEE

Pol
DEE

Y.S
EE

//Approved//
RWS
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR / OHSR

60KL ohsr22.40m stg

SBC SOIL $\geq 15T/M^2$