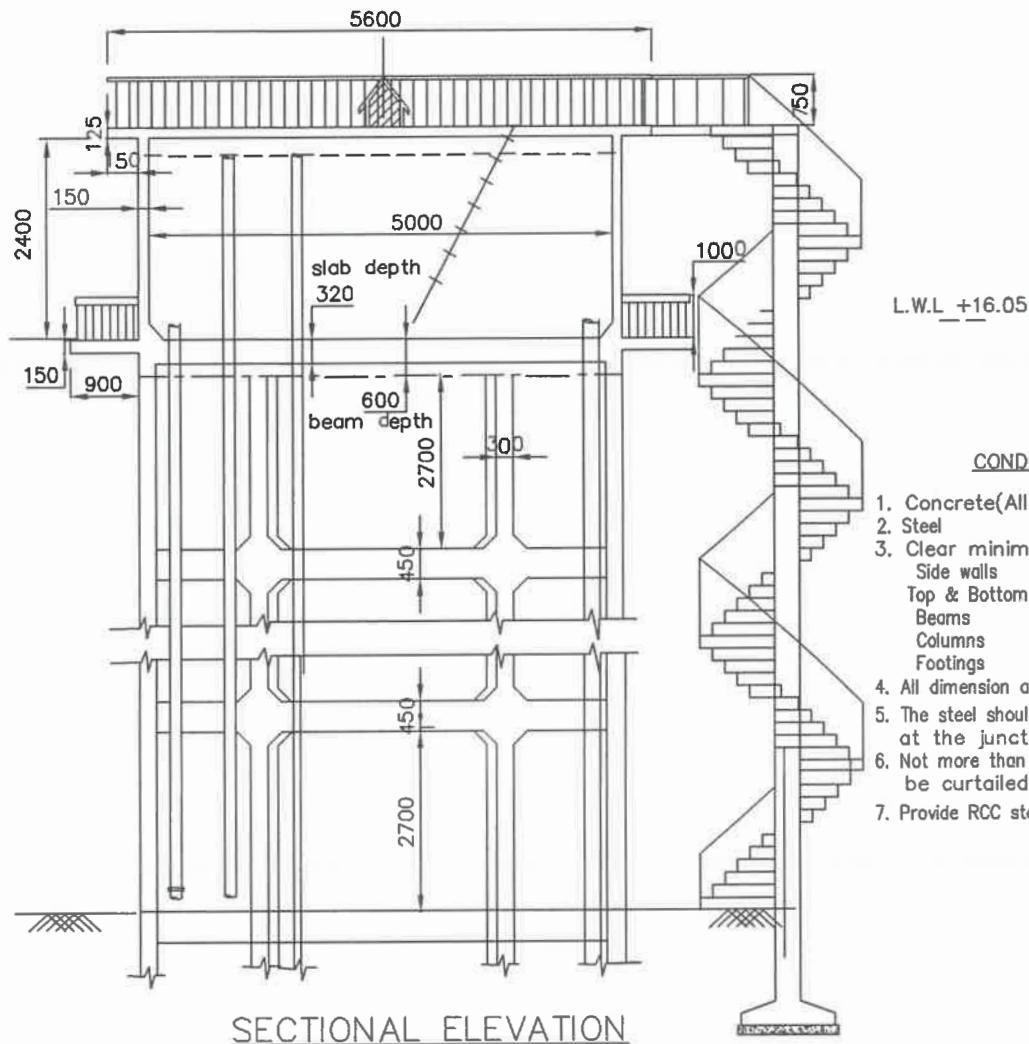
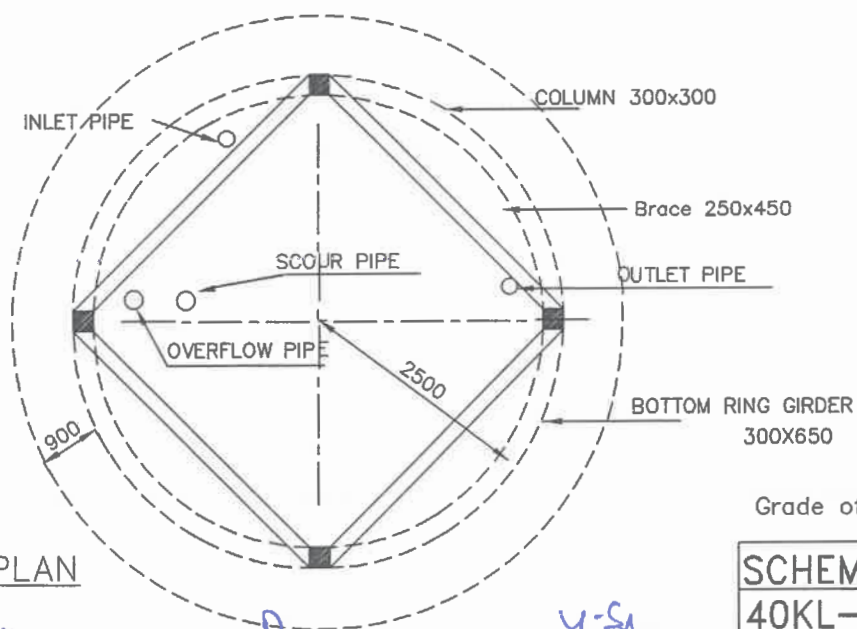




CONDITIONS

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:

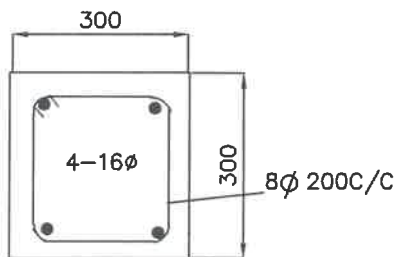
40KL-OHSR / OHBR

16.05M-STAGING

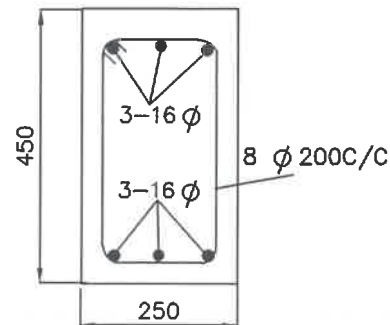
AEE

DEE

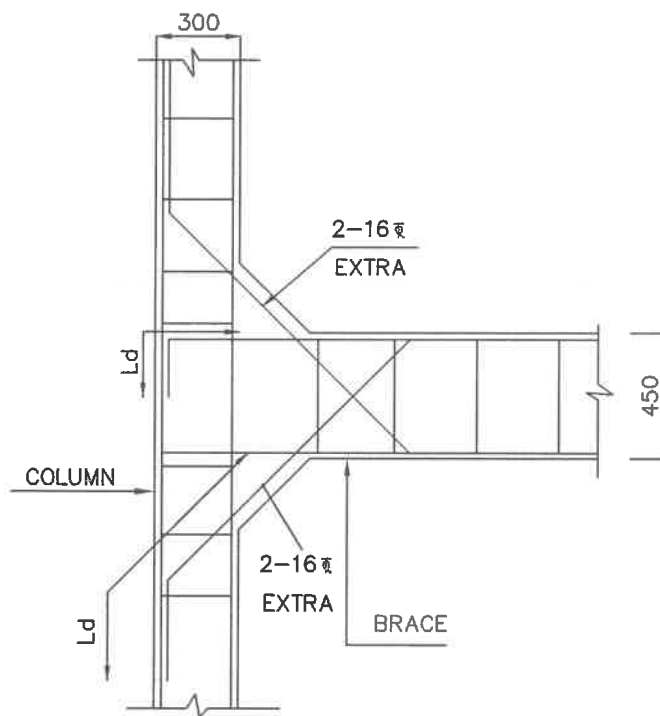
EE



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

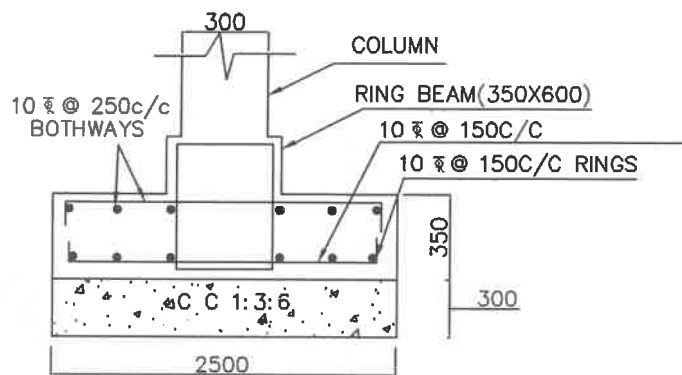
Kinder
AEE

Por
DEE

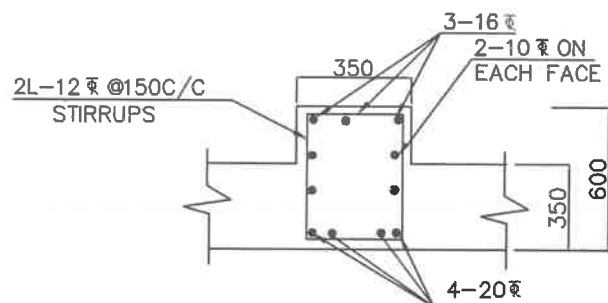
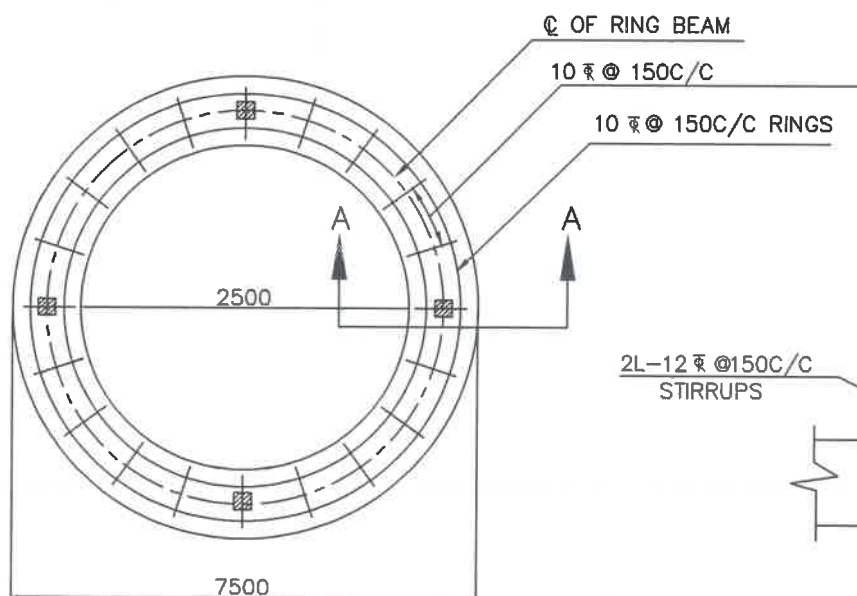
Y.S
EE

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

SCHEME: OHBR / OHSR
40KL-OHSR-16.05m stg
WIND SPEED: 150KMPH



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|--|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 150 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 16.05m | |
| Clear height between the braces | : 2.70 | |
| No of stagings | : 5 | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | |

Grade of concrete : M30

[Signature]
AEE

[Signature]
DEE

[Signature]
EE

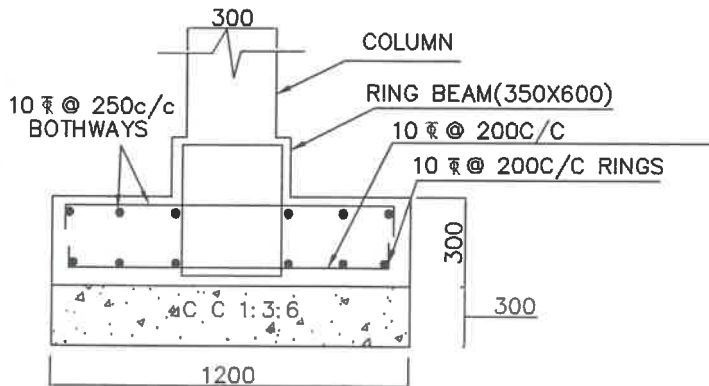
// Approved //

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

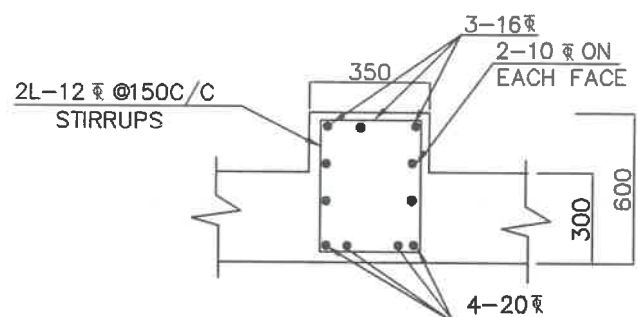
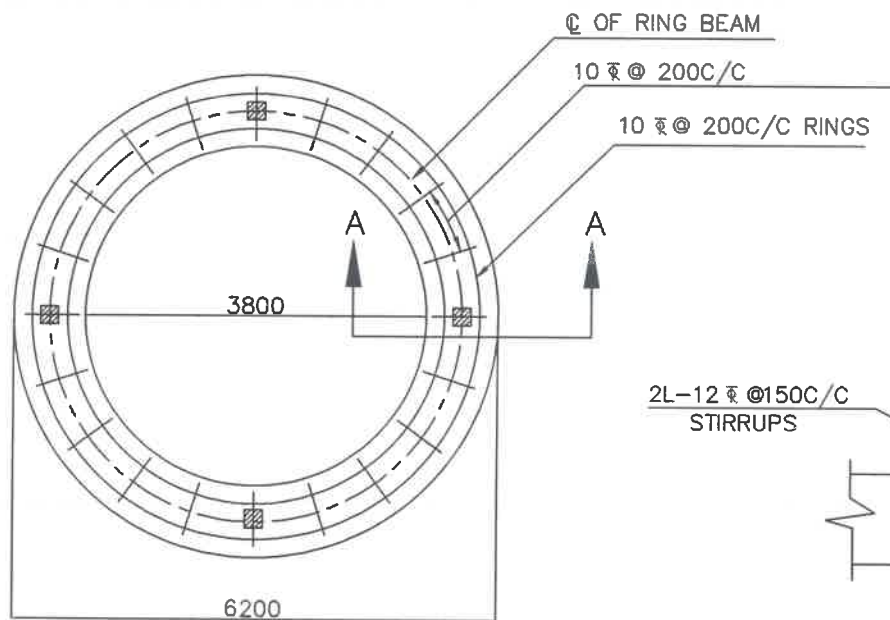
SCHEME: OHBR | OHSR

40KL-OHSR-16.05m stg

SBC SOIL = 5.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

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 : 16.05m
- 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
8. all side covers 50mm

Grade of concrete : M30

//Approved//

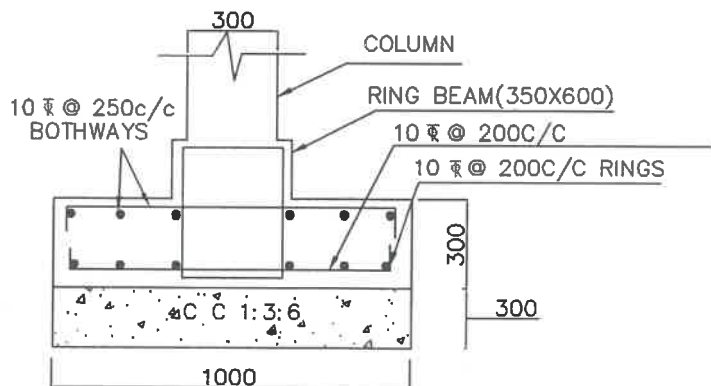
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DEE

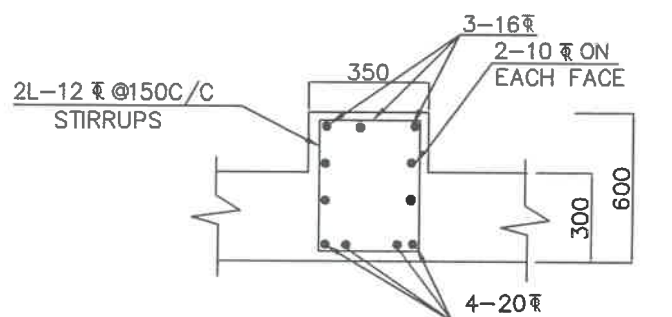
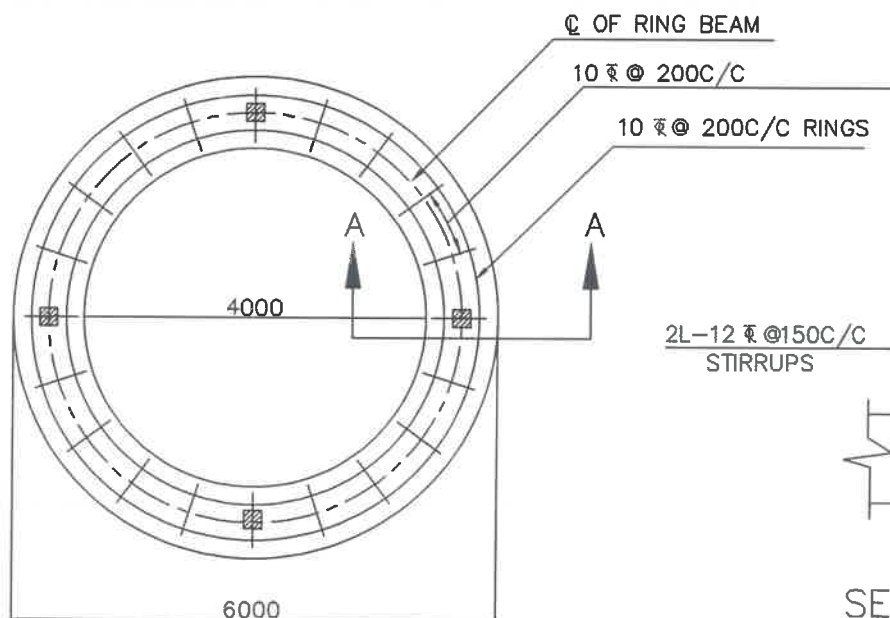
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EE

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

SCHEME: OHBR / OHSR
40KL-OHSR-16.05m stg
SBC SOIL = 10.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- Grade of concrete : M30
- Grade of steel : Fe415
- Basic wind speed : 150 KMPH
- Depth below foundation : 2.5M
- Staging height : 16.05m
- Clear height between the braces : 2.70
- No of stagings : 5
- 8Nos of 16 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
- all side covers 50mm

Grade of concrete : M30

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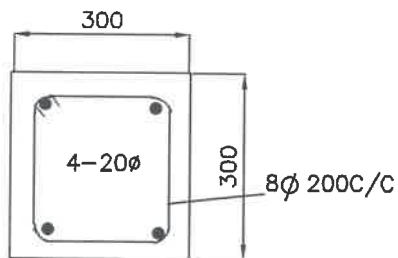
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DEE

[Signature]
EE

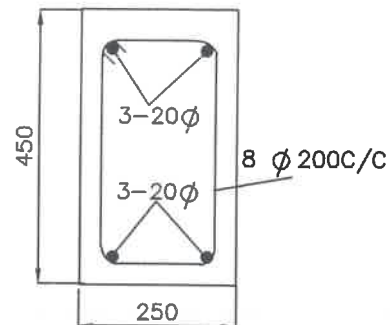
//Approved//

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

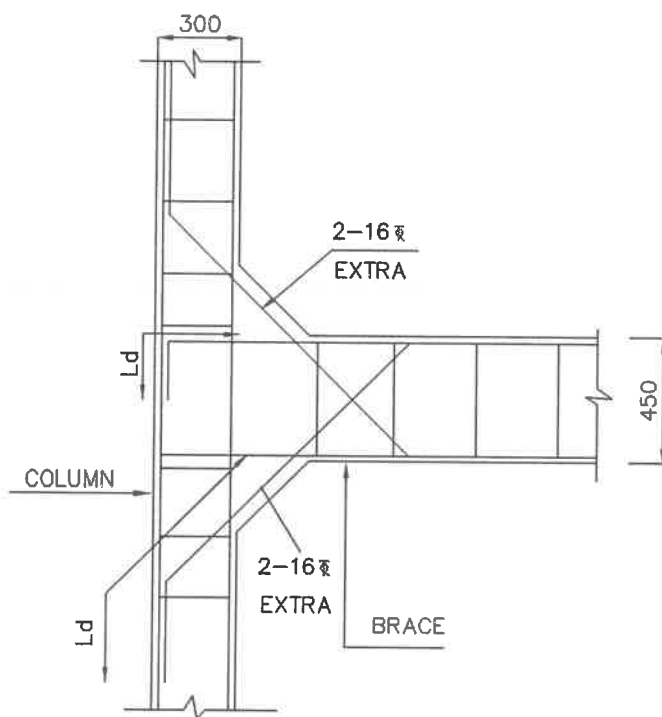
SCHEME: OHBR/OHSR
40KL-OHSR-16.05m stg
SBC SOIL $\geq 15.0T/M^2$



SECTION OF COLUMN



SECTION OF BRACE



COLUMN BRACE JUNCTION

CONDITIONS

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

Grade of concrete : M30

AE
AEE

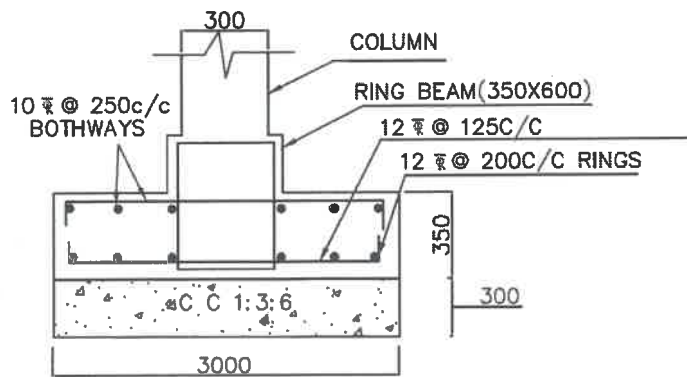
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DEE

EE
EE

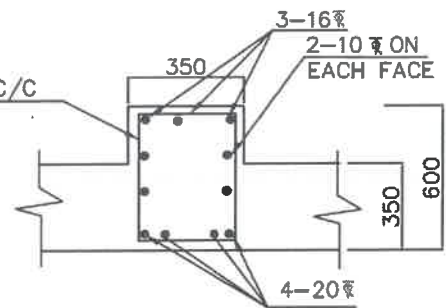
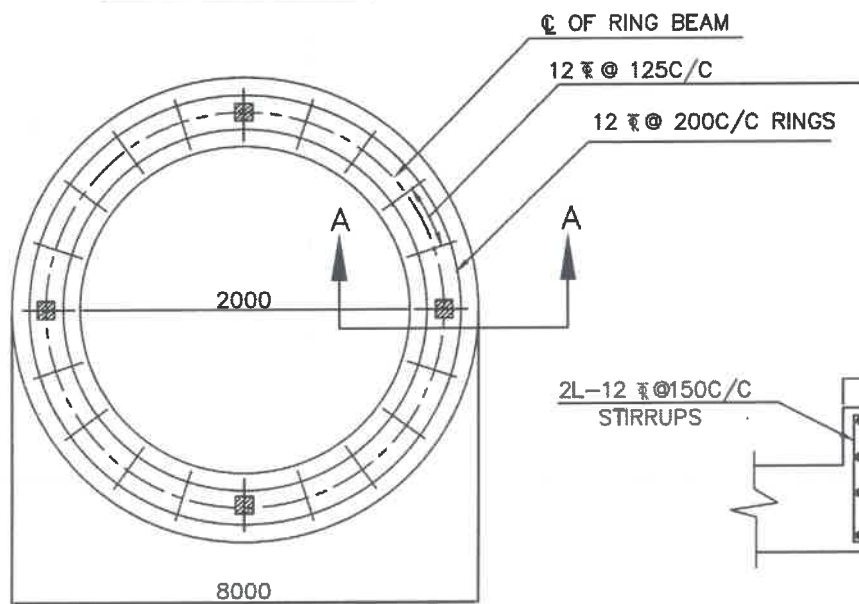
//Approved//

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

SCHEME: OHBR | OHSR
40KL-OHSR-16.05m stg
WIND SPEED: 200KMPH



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | | |
|--|------------|--|----------------------------|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement | IS Sp-34 shall be followed |
| Grade of steel | : Fe415 | 7. All dimensions are in mm unless specified | |
| 2. Basic wind speed | : 200 KMPH | 8. all side covers 50mm | |
| 3. Depth below foundation | : 2.5M | | |
| 4. Staging height | : 16.05m | | |
| Clear height between the braces | : 2.70 | | |
| No of stagings | 5 | | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | | |

Grade of concrete : M30

SCHEME:

40KL-OHSR-16.05m stg

SBC SOIL = 5.0T/M²

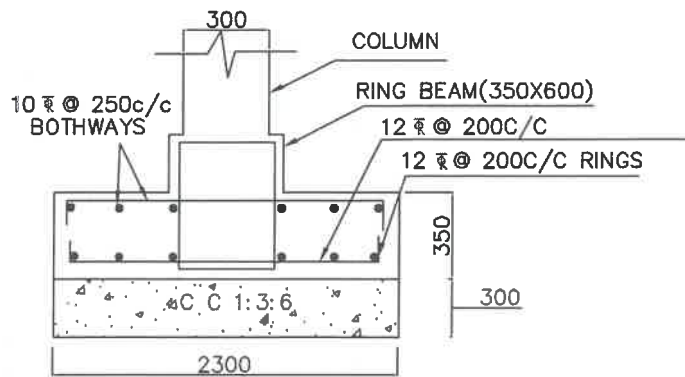
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[Signature]
DEE

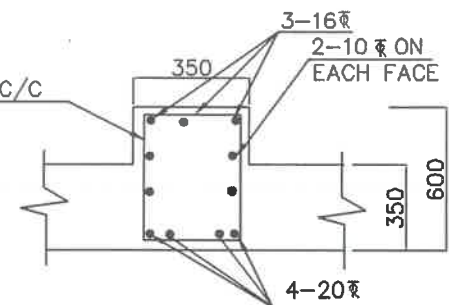
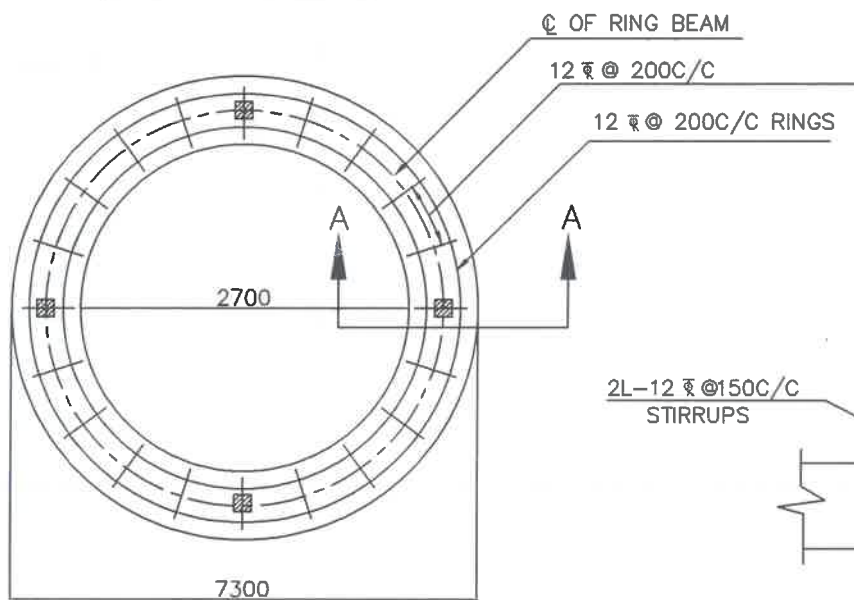
[Signature]
EE

//Approved//

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



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|---|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 200 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 16.05m | |
| 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 | | |

Grade of concrete : M30

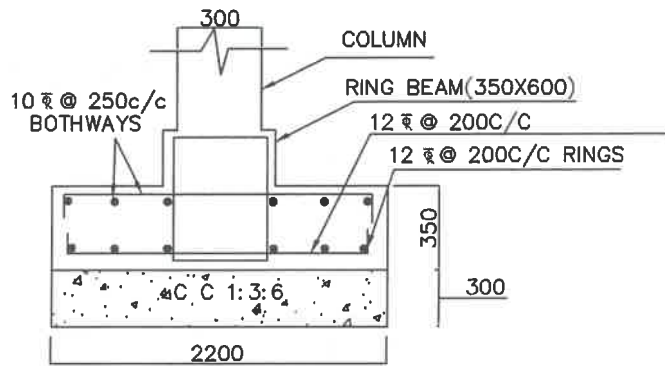
finde
AEE

POR
DEE

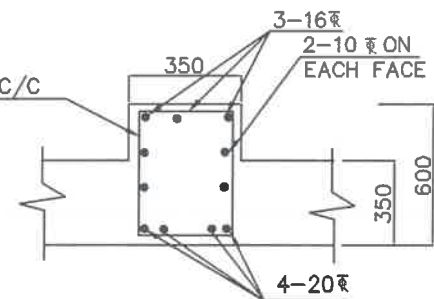
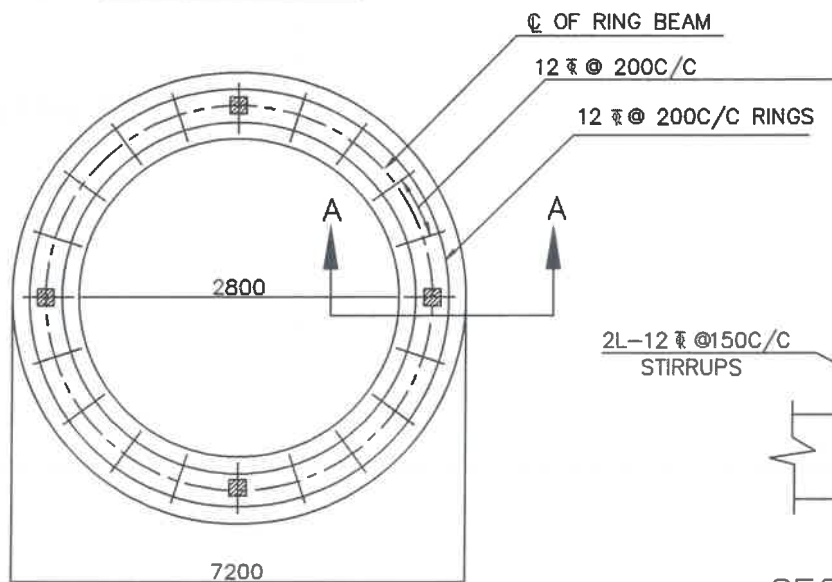
Y-S
EE

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

SCHEME: OHBR / OHSR
40KL-OHSR-16.05m stg
SBC SOIL = 10.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- Grade of concrete : M30
- Grade of steel : Fe415
- Basic wind speed : 200 KMPH
- Depth below foundation : 2.5M
- Staging height : 16.05m

Clear height between the braces : 2.70

No of stagings : 5

- 8Nos of 16 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

- all side covers 50mm

Grade of concrete : M30

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DEE

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EE

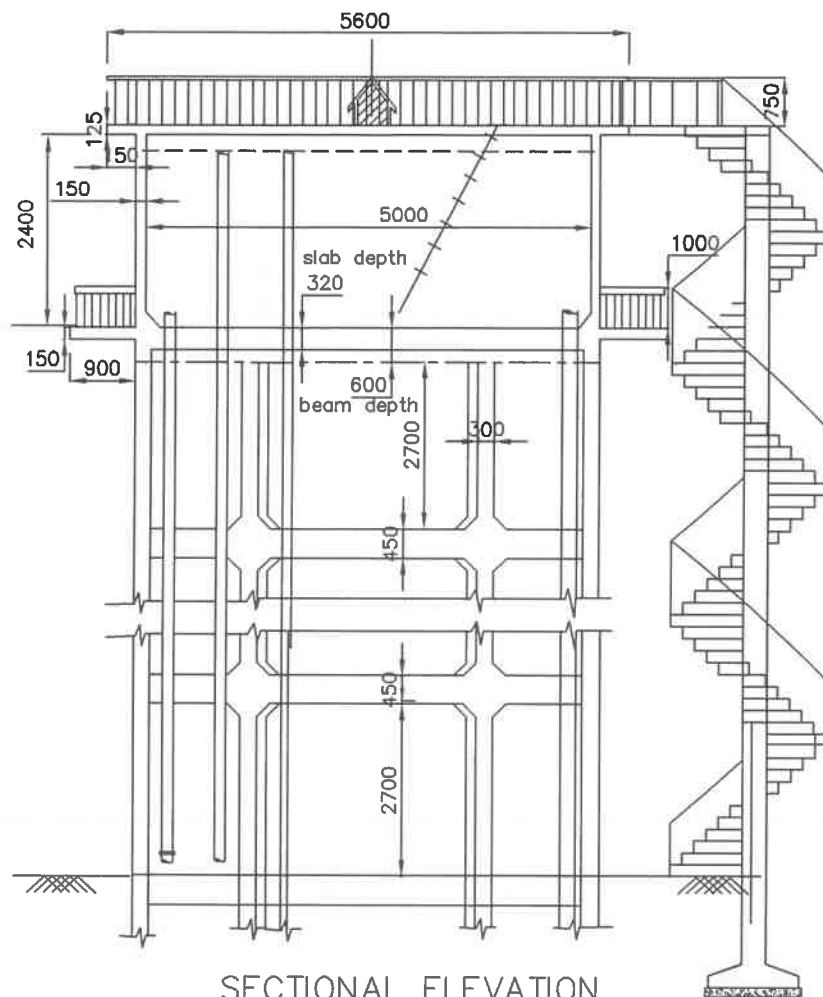
//Approved//

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

SCHEME: OHBR / OHSR

40KL-OHSR-16.05m stg

SBC SOIL $\geq 15.0T/M^2$

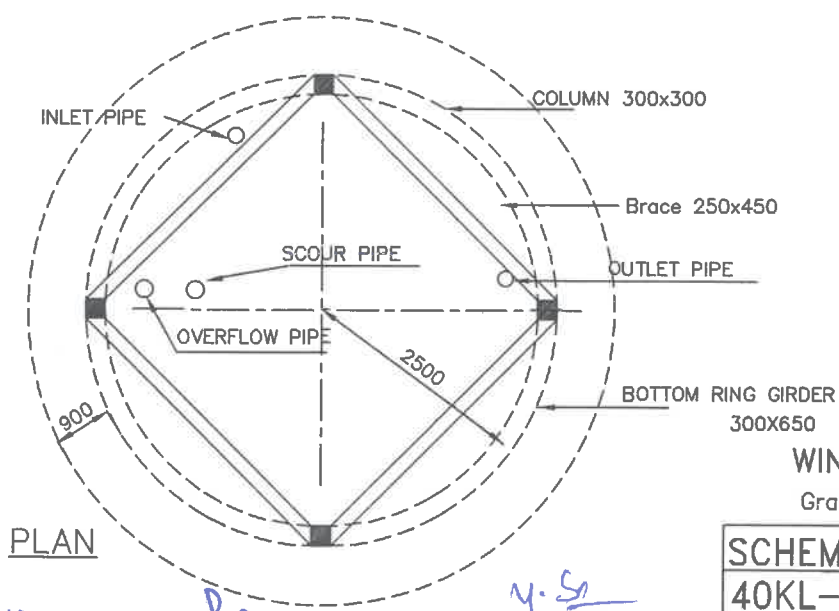


L.W.L +19.20

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

SECTIONAL ELEVATION



PLAN

//Approved//

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

WIND SPEED:150KMPH

Grade of concrete :M30

SCHEME:

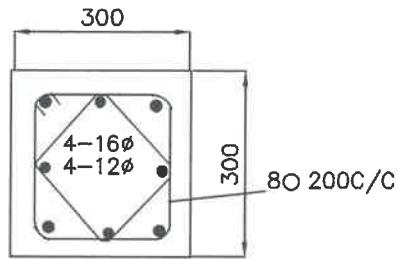
40KL-OHSR / OHBR

19.20M-STAGING

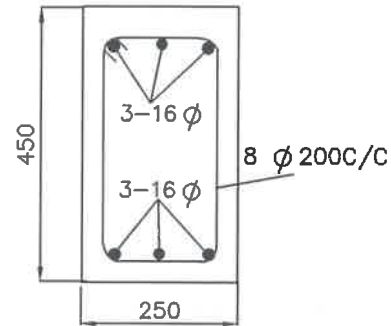
Kushan
AEE

DEE

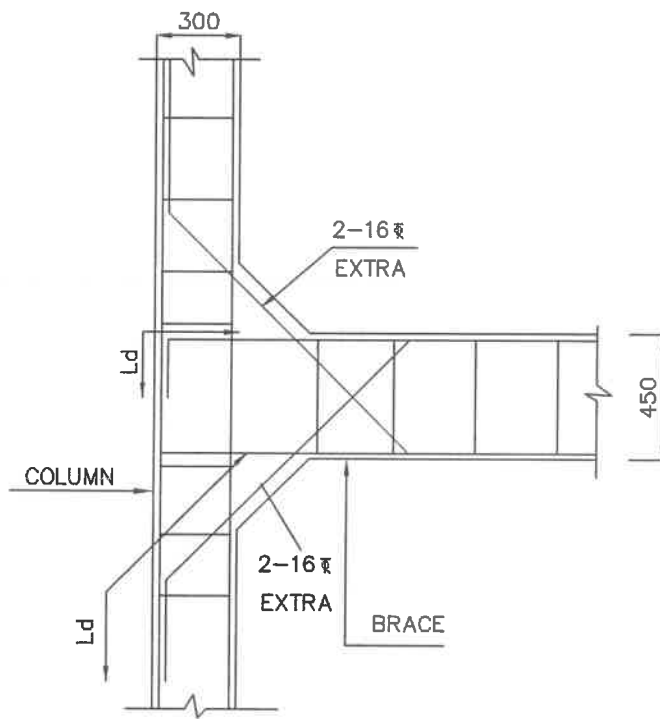
Y.S.
EE



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 $\frac{1}{3}$ rd of the bars should be curtailed at a given section

Grade of concrete : M30

AEE
AEE

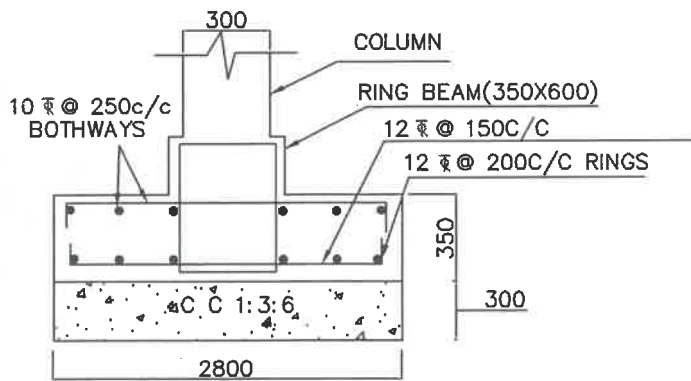
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EE
EE

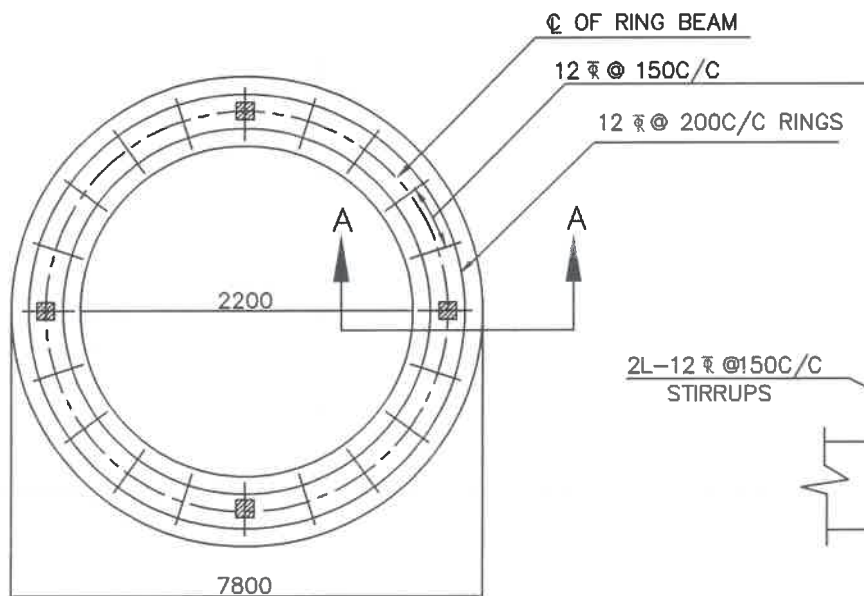
// Approved //

Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

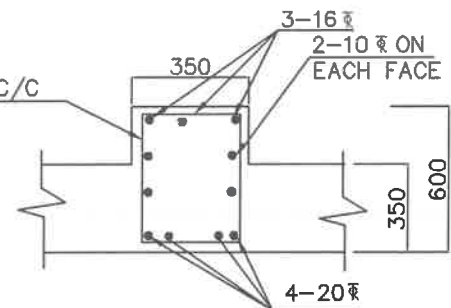
SCHEME: OHBR / OHSR
40KL-OHSR-19.20m stg
WIND SPEED: 150KMPH



SECTION A-A



<https://rwsengineers.com>



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|---|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 150 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 19.20m | |
| Clear height between the braces | : 2.70 | |
| No of stagings | : 6 | |
| 5. 8 Nos of 16 diagonal bars shall be provided at column brace junction | | |

Grade of concrete : M30

[Signature]
AEE

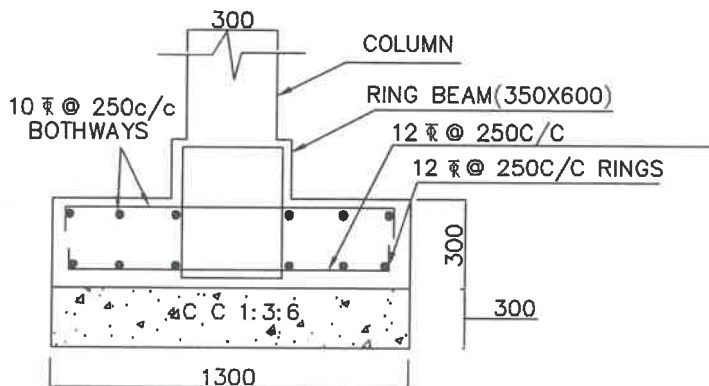
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EE

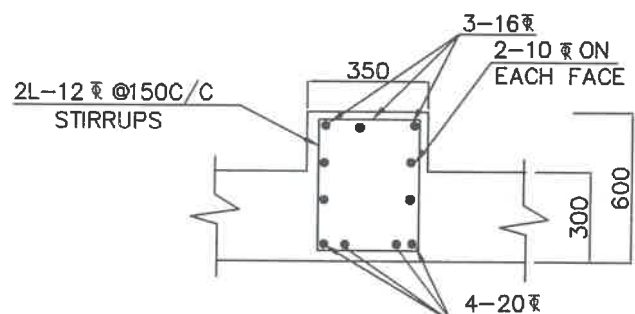
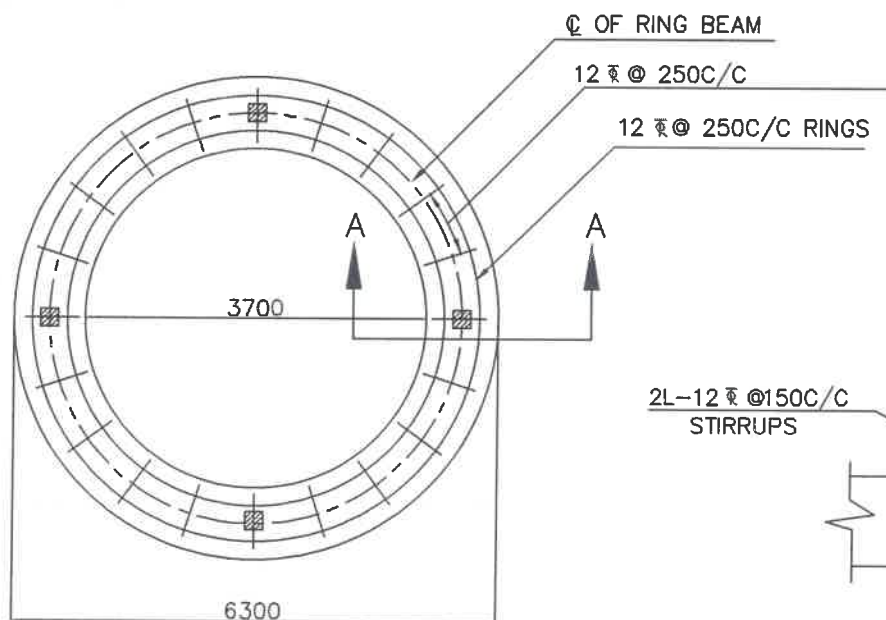
//Approved//

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

SCHEME: OHBR / OHSR
40KL-OHSR-19.20m stg
SBC SOIL = 5.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- Grade of concrete : M30
 - Grade of steel : Fe415
 - Basic wind speed : 150 KMPH
 - Depth below foundation : 2.5M
 - Staging height : 19.20m
 - For detailing of reinforcement IS Sp-34 shall be followed
 - All dimensions are in mm unless specified
 - all side covers 50mm
- Clear height between the braces : 2.70
No of stagings : 6
5. 8Nos of 16 diagonal bars shall be provided at column brace junction

Grade of concrete : M30

K. Srinivas
AEE

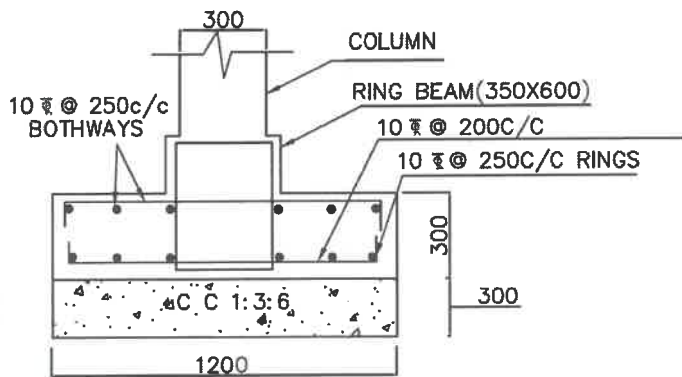
P. R. Srinivas
DEE

Y. Srinivas
EE

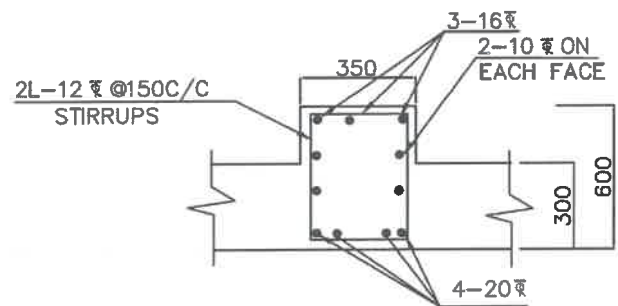
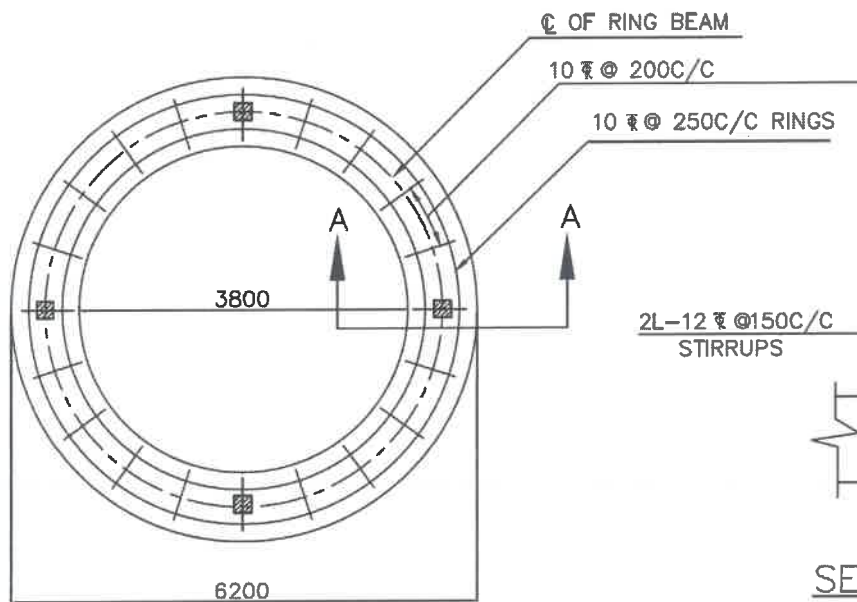
//Approved//

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

SCHEME: OHBR / OHSR
40KL-OHSR-19.20m stg
SBC SOIL = 10.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|--|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 150 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 19.20m | |
| Clear height between the braces | : 2.70 | |
| No of stagings | : 6 | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | |

Grade of concrete : M30

//Approved//

[Signature]
AEE

[Signature]
DEE

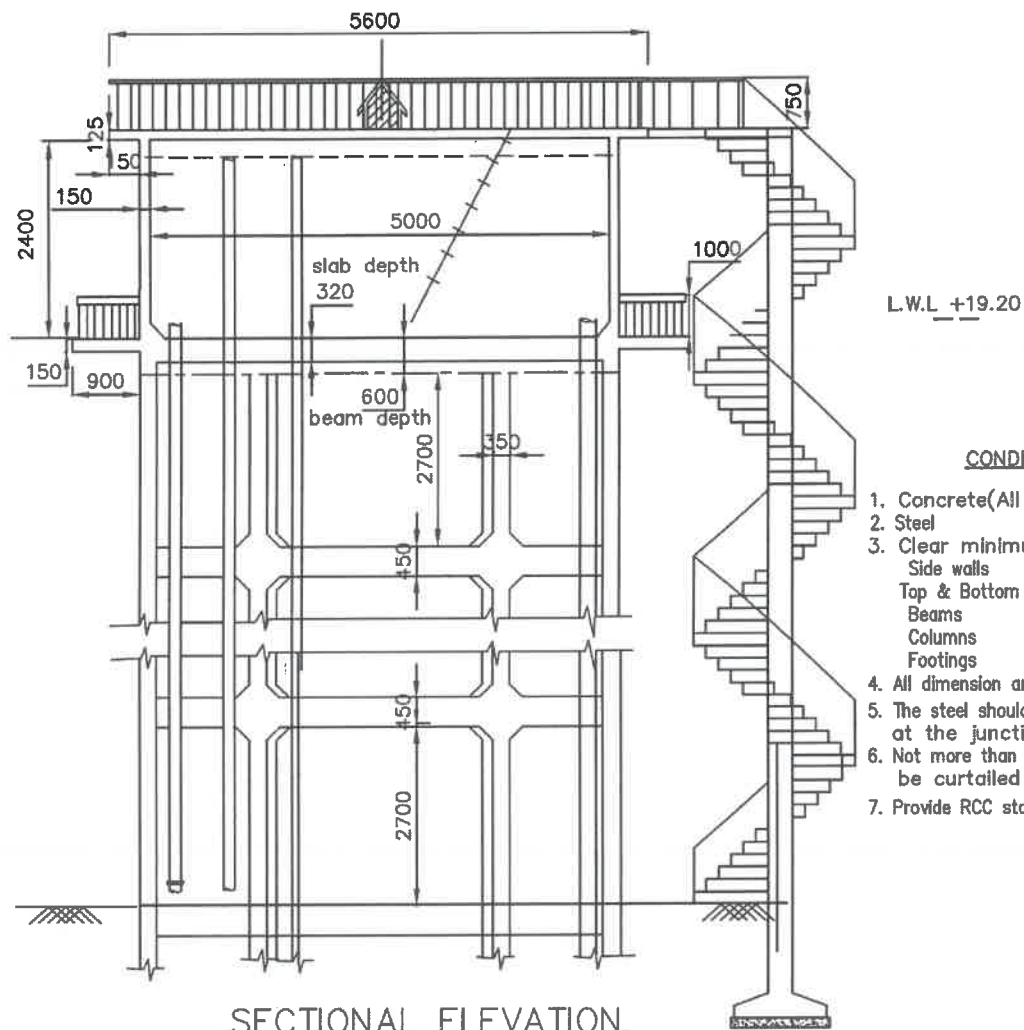
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EE

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

SCHEME:

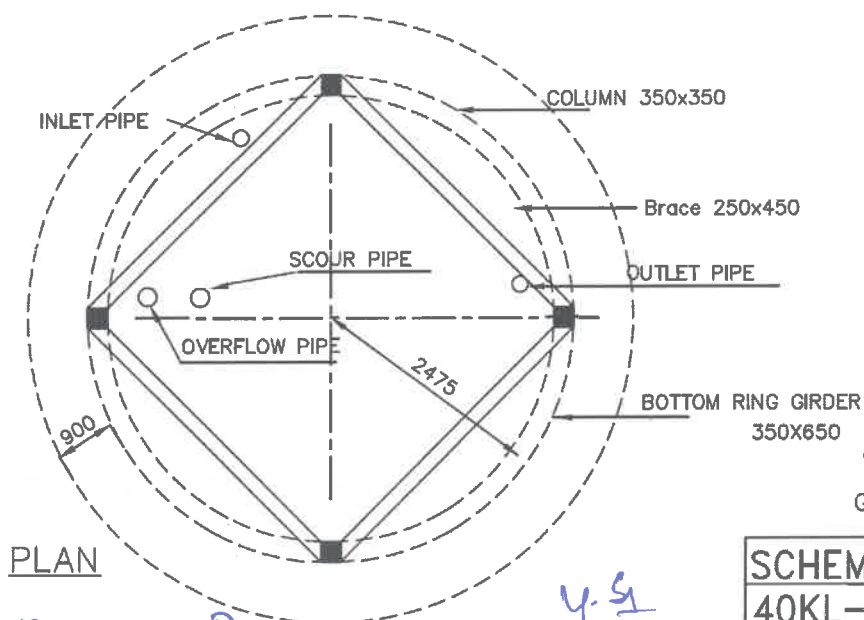
40KL-OHSR-19.20m stg

SBC SOIL $\geq 15.0 \text{ T/M}^2$



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.

WIND SPEED: 200KMPH
Grade of concrete : M30

SCHEME:

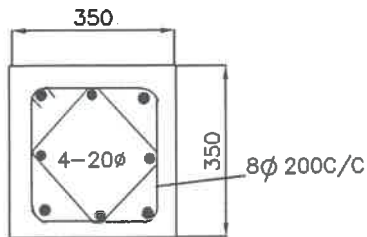
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19.20M-STAGING

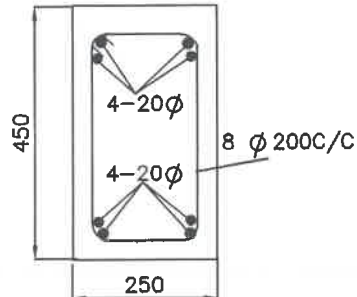
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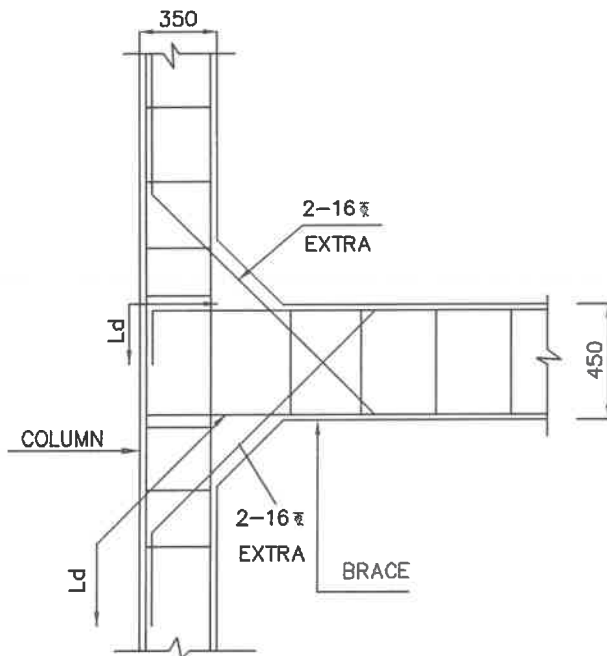
EE



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

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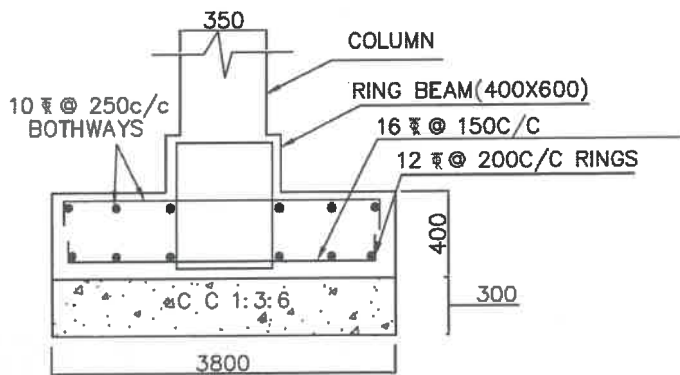
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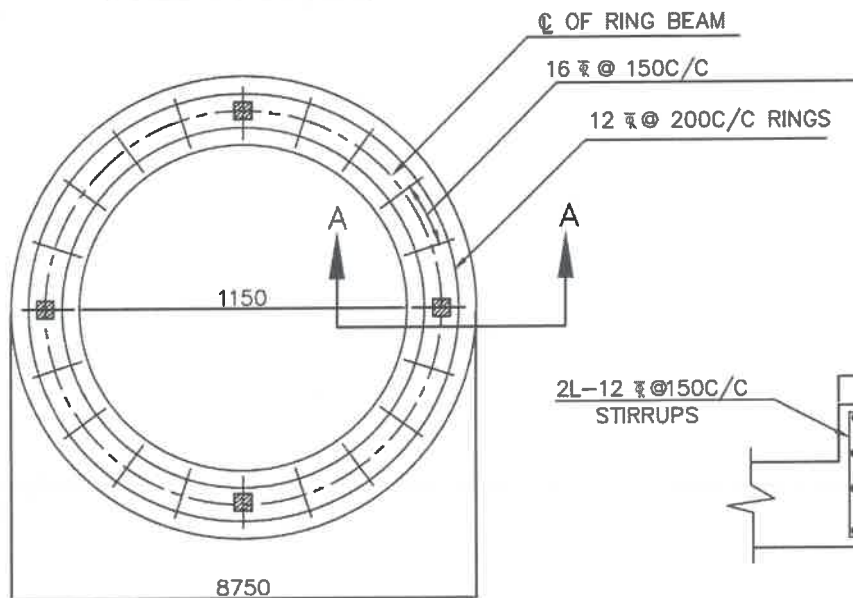
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Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

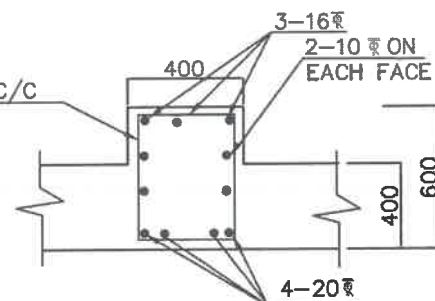
SCHEME: OH BR | OH SR
40KL-OHSR-19.20m stg
WIND SPEED: 200KMPH



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 : 19.20m

Clear height between the braces : 2.70

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

SCHEME:

40KL-OHSR-19.20m stg

SBC SOIL = 5.0T/M²

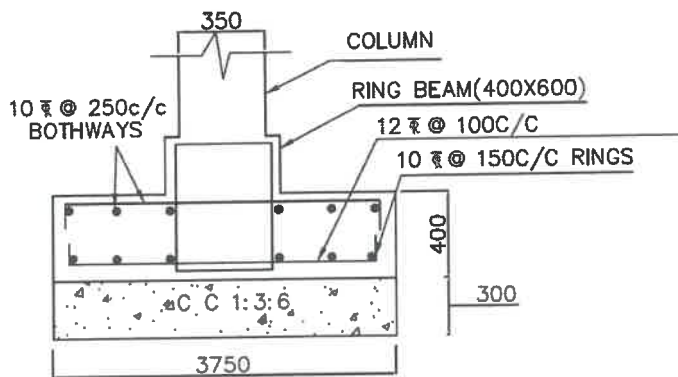
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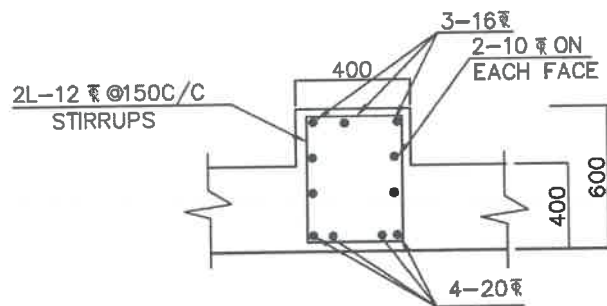
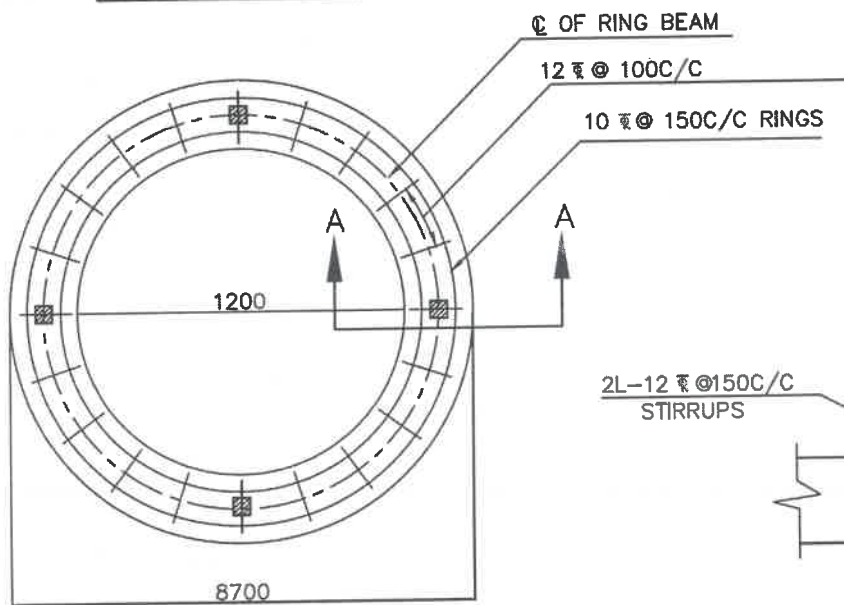
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Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|--|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 200 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 19.20m | |
| Clear height between the braces | : 2.70 | |
| No of stagings | 6 | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | |

Grade of concrete : M30

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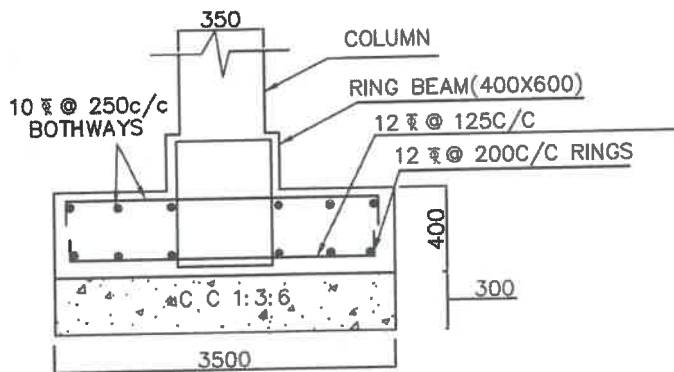
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Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

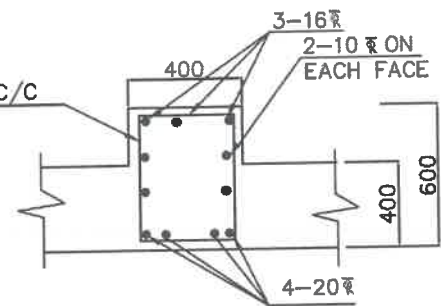
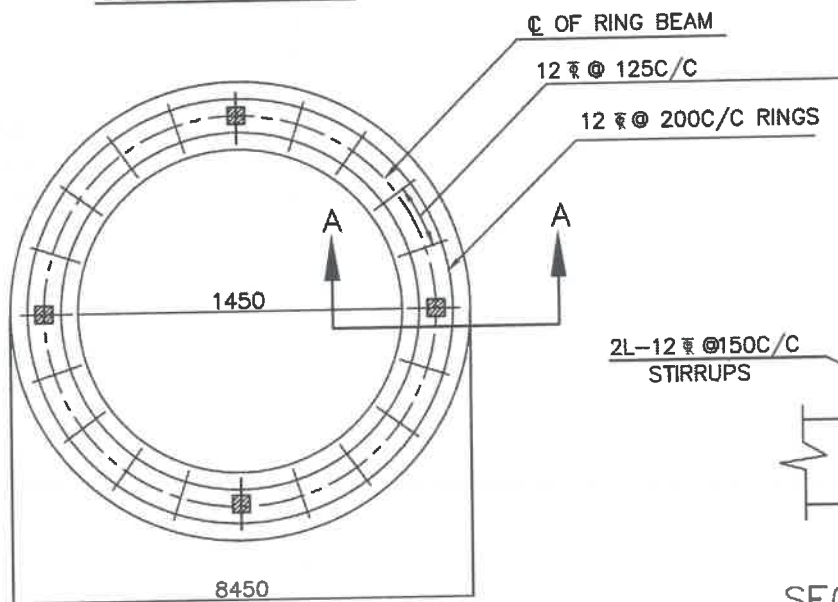
SCHEME:

40KL-OHSR-19.20m stg

SBC SOIL = 10.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | |
|--|------------|--|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement |
| Grade of steel | : Fe415 | IS Sp-34 shall be followed |
| 2. Basic wind speed | : 200 KMPH | 7. All dimensions are in mm unless specified |
| 3. Depth below foundation | : 2.5M | 8. all side covers 50mm |
| 4. Staging height | : 19.20m | |
| Clear height between the braces | : 2.70 | |
| No of stagings | : 6 | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | |

Grade of concrete : M30

SCHEME:

40KL-OHSR-19.20m stg

SBC SOIL $\geq 15.0T/M^2$

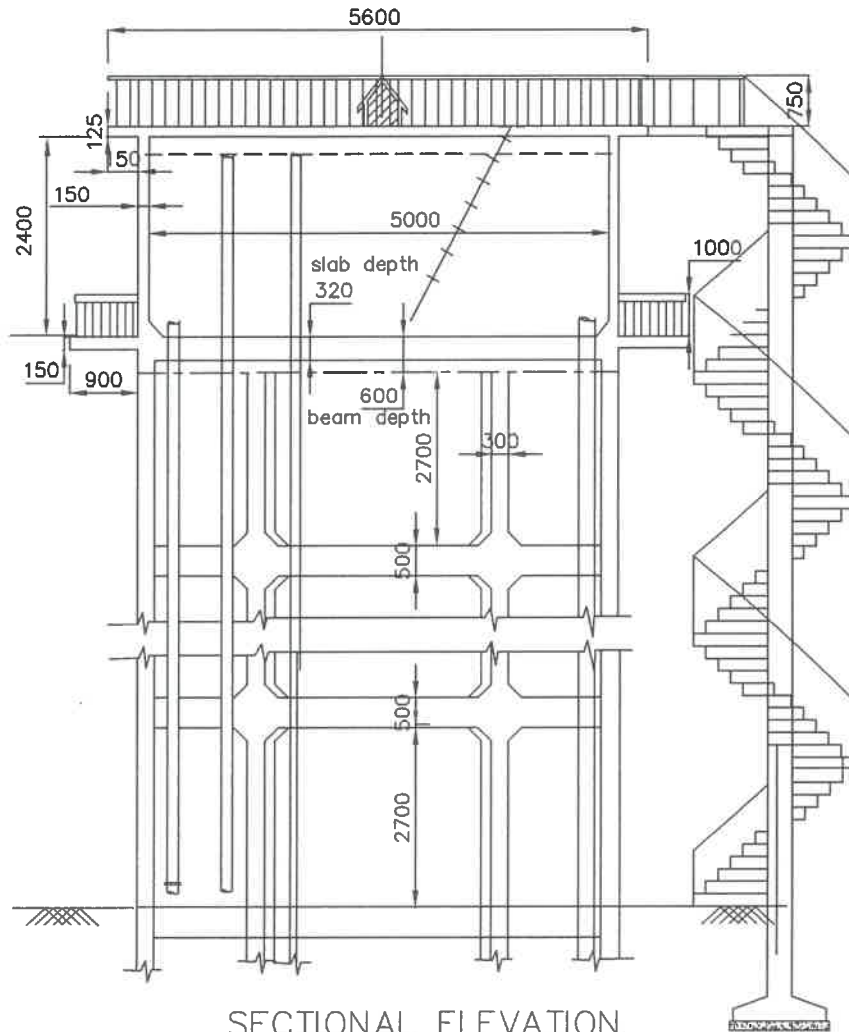
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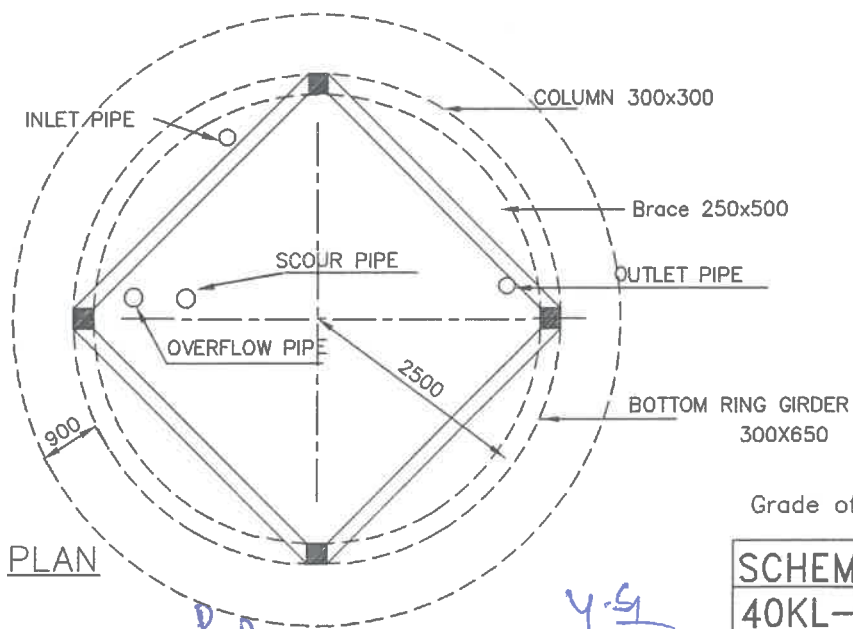
[Signature]
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.



L.W.L. +22.65

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

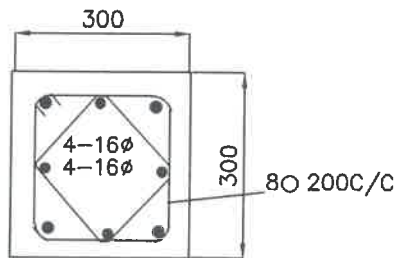


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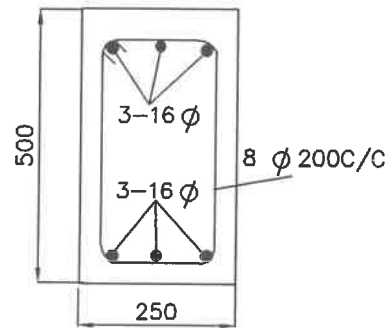
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

Grade of concrete : M30

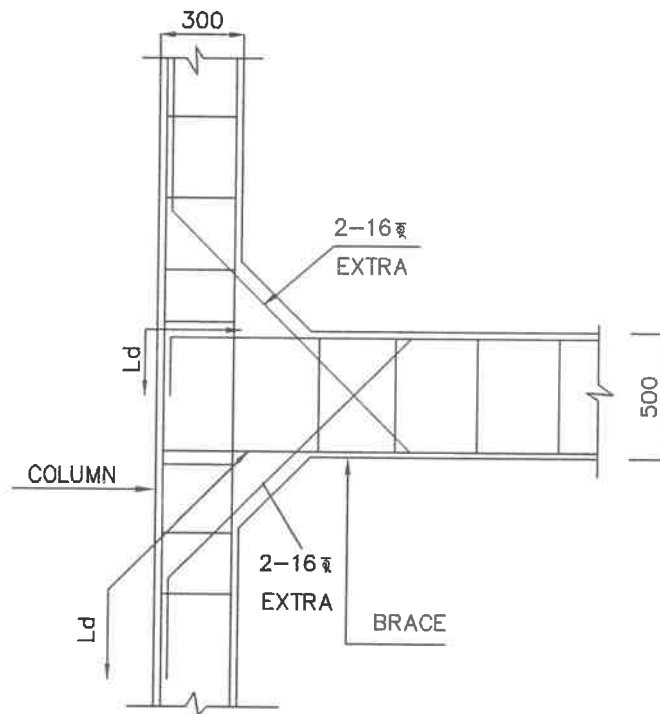
SCHEME:
40KL-OHSR / OHBR
22.65M-STAGING



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

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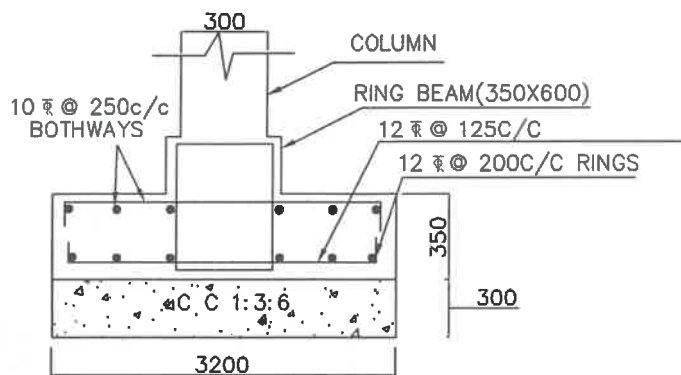
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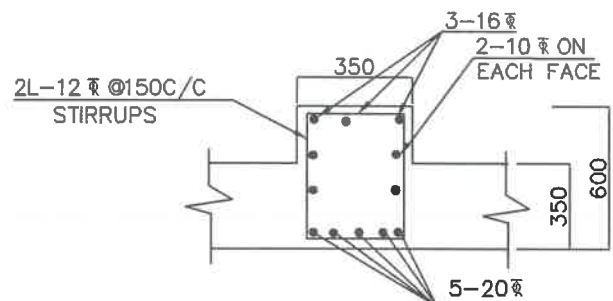
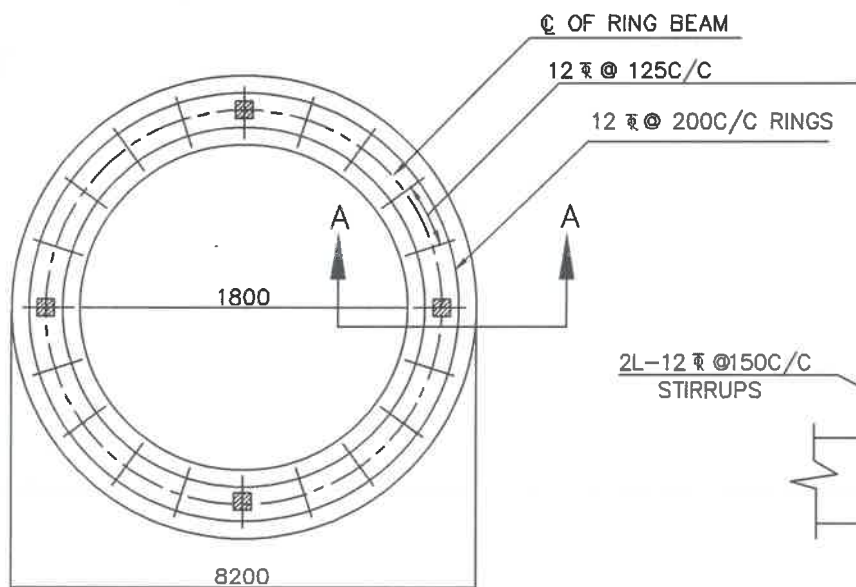
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P. K. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR / OHSR
40KL-OHSR-22.65m stg
WIND SPEED: 150KMPH



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- | | | | |
|--|------------|--|----------------------------|
| 1. Grade of concrete | : M30 | 6. For detailing of reinforcement | IS Sp-34 shall be followed |
| Grade of steel | : Fe415 | 7. All dimensions are in mm unless specified | |
| 2. Basic wind speed | : 150 KMPH | 8. all side covers 50mm | |
| 3. Depth below foundation | : 2.5M | | |
| 4. Staging height | : 22.65m | | |
| Clear height between the braces | : 2.70 | | |
| No of stagings | 7 | | |
| 5. 8Nos of 16 diagonal bars shall be provided at column brace junction | | | |

Grade of concrete : M30

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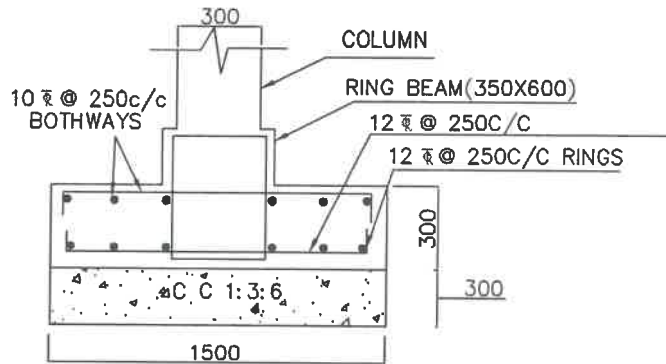
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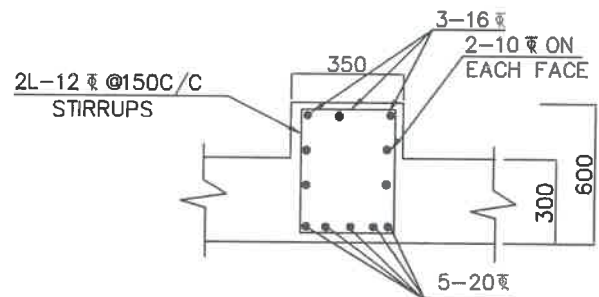
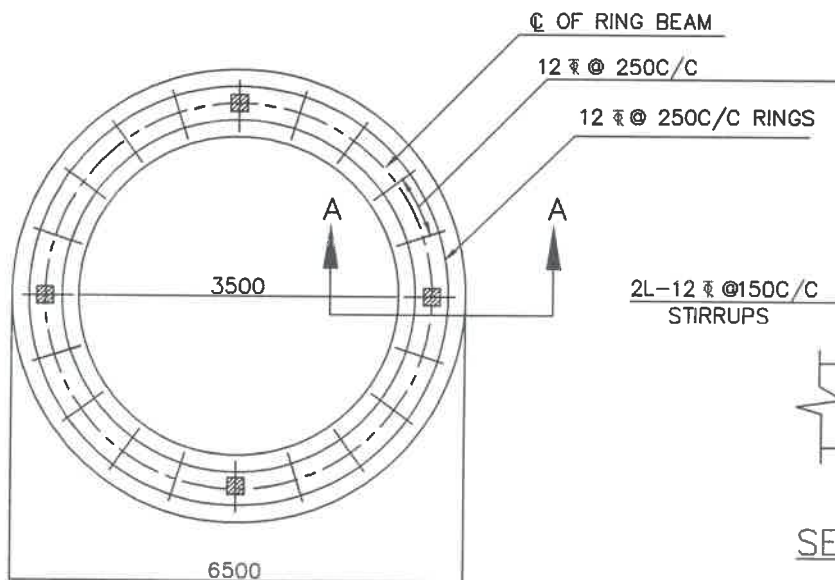
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Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR/OHSR
40KL-OHSR-22.65m stg
SBC SOIL = 5.0T/M ²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

NOTE:

- Grade of concrete : M30
 - Grade of steel : Fe415
 - Basic wind speed : 150 KMPH
 - Depth below foundation : 2.5M
 - Staging height : 22.65m
 - For detailing of reinforcement IS Sp-34 shall be followed
 - All dimensions are in mm unless specified
 - all side covers 50mm
- Clear height between the braces : 2.70
No of stagings : 7
5. 8Nos of 16 diagonal bars shall be provided at column brace junction

Grade of concrete : M30

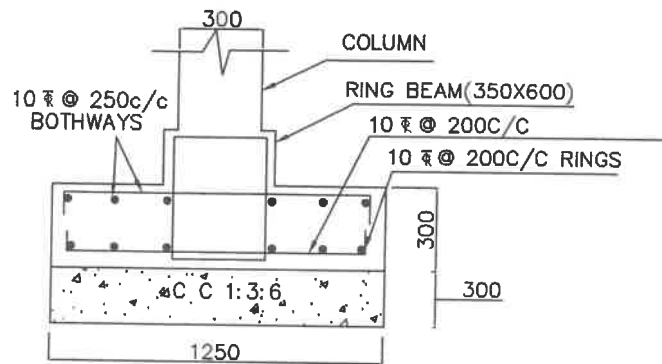
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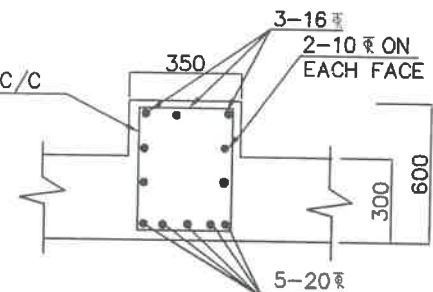
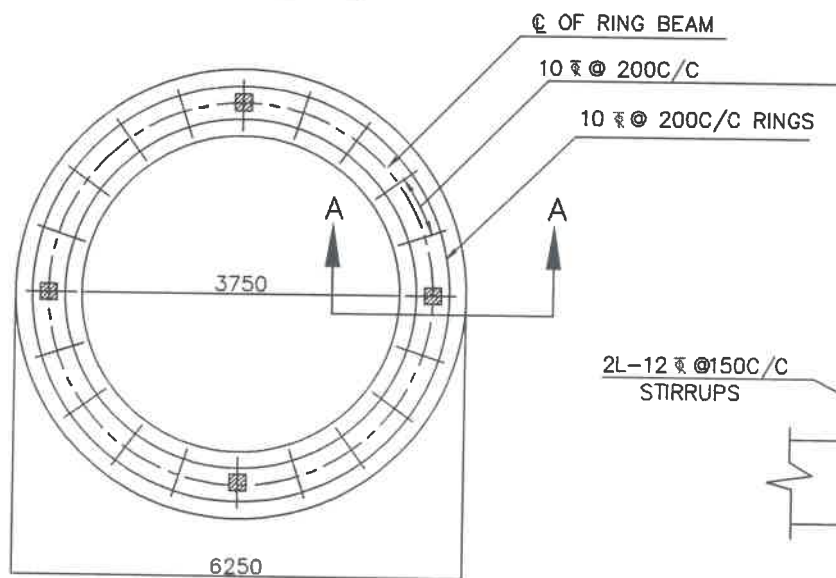
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//Approved//
P. S. S.
Chief Engineer-II
RWS&S, Gollapudi
Vijayawada.

SCHEME: OHBR / OHSR
40KL-OHSR-22.65m stg
SBC SOIL = 10.0T/M²



SECTION A-A



SECTION OF RING BEAM

BOTTOM REINFORCEMENT OF RING FOUNDATION

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 : 22.65m
- Clear height between the braces : 2.70
- 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

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

SCHEME: OHBR / OHSR
40KL-OHSR-22.65m stg
SBC SOIL $\geq 15.0 \text{ T/M}^2$