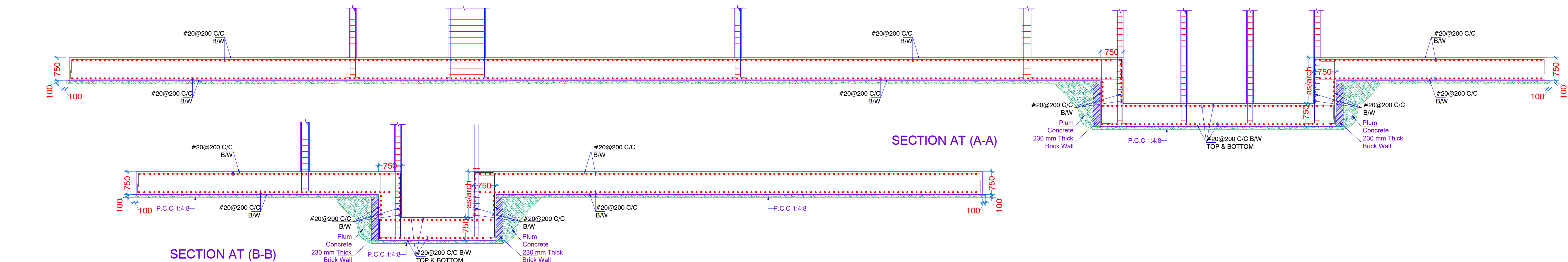


SANJAY SHARMA
B.E. (Civil) M.Tech. (Structures)



DESIGN & BUILD

LIST OF CONSULTANTS:

ARCHITECT :

Maheshwari & Associates

STRUCTURAL DESIGN CONSULTANT:
 Vijaytech Consultants Pvt. Ltd
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 E-mail: vijaytechassociates@gmail.com, vijaytech_jr@gmail.com

Vijaytech Consultants Pvt. Ltd
CONSULTING ENGINEERS
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E-mail: vijayassociates@gmail.com, vijaytech.jr@gmail.com

MEP CONSULTANT:

PROJECT DETAILS:

PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE_JAIPUR

PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE_JAIPUR

IMPORTANT NOTES:-

- 1.ALL DIMENSIONS ARE IN MM.
- 2.THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING AND ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
- 3.ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
- 4.ALL LOOSE BOLDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.
- 5.ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL /MORUM

IMPORTANT NOTES:-

- 1.ALL DIMENSIONS ARE IN MM.
- 2.THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING AND ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
- 3.ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
- 4.ALL LOOSE BOLDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.
- 5.ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL /MORUM

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 305 N/MM² CONFORMING TO IS 1706-2005, SHALL BE USED.
2. LAP SHALL BE STAGGERED SUCH THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
3. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE D IS DIA. OF BARS

CONC. GRADE	L/D
M-20	37D
M-25	48D
M-30	48D
M-35	47D
M-40 & ABOVE	38D

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 305 N/MM² CONFORMING TO IS 1706-2005, SHALL BE USED.
2. LAP SHALL BE STAGGERED SUCH THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
3. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE D IS DIA. OF BARS

CONC. GRADE	L/D
M-20	37D
M-25	48D
M-30	48D
M-35	47D
M-40 & ABOVE	38D

CONC. GRADE	LdL
M-20	570
M-25	490
M-30	460
M-35	410
M-40 & ABOVE	360

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE M-25 DETAILS CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED
2. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULARS	BOTTOM	TOP	SIDES
FOOTING	2" (50 MM.)	2" (50 MM.)	2" (50 MM.)
RETAINING WALL			1 1/2" (38 MM.) - EARTH FACE 2" (50 MM.) - WINDY FACE
COLUMNS			1 1/2" (38 MM.)
BEAMS, LINTELS	1 1/2" (38 MM.)	1" (25 MM.)	1" (25 MM.)
SLAB	3/4" (19 MM.)	20" (508 MM.)	
RAIL FLOOR & ROOF SLAB OF WATER TANK.			1" (25 MM.) - WATER FACE 1 1/2" (38 MM.) - EARTH SIDE

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE M-25 DETAILS CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED
2. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULARS	BOTTOM	TOP	SIDES
FOOTING	2" (50 MM.)	2" (50 MM.)	2" (50 MM.)
RETAINING WALL			1 1/2" (38 MM.) - EARTH FACE 2" (50 MM.) - WINDY FACE
COLUMNS			1 1/2" (38 MM.)
BEAMS, LINTELS	1 1/2" (38 MM.)	1" (25 MM.)	1" (25 MM.)
SLAB	3/4" (19 MM.)	20" (508 MM.)	
RAIL FLOOR & ROOF SLAB OF WATER TANK.			1" (25 MM.) - WATER FACE 1 1/2" (38 MM.) - EARTH SIDE

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2'(50 MM.)	2'(50 MM.)	2'(50 MM.)
RETAINING WALL			1'2"(40MM.) - EARTH SIDE 3/4"(20MM.) - INSIDE FACE
COLUMNS			1'2"(40 MM.)
BEAMS, LINTELS	1'(25 MM.)	1'(25MM.)	1'(25MM.)
SLAB	3/4"(25MM.)	20"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1'(25MM.) - WATER FACE 1'2"(40MM.) - EARTH SIDE

MARK	DATE	DESCRIPTION

NOTES:-

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY.
(TMT 550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25.

NOTES:-

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY.
(TMT 550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25.

PROJECT NO.:

DRAWN BY: KANHAIYA LAL

CHECKED BY: AAKASH

FILE LOCATION
\\serverpc\c- project\

SHEET TITLE:

TOP EXTRA VERTICAL
REINFORCEMENT PLAN

DRG NO.	S-03	NORTH:
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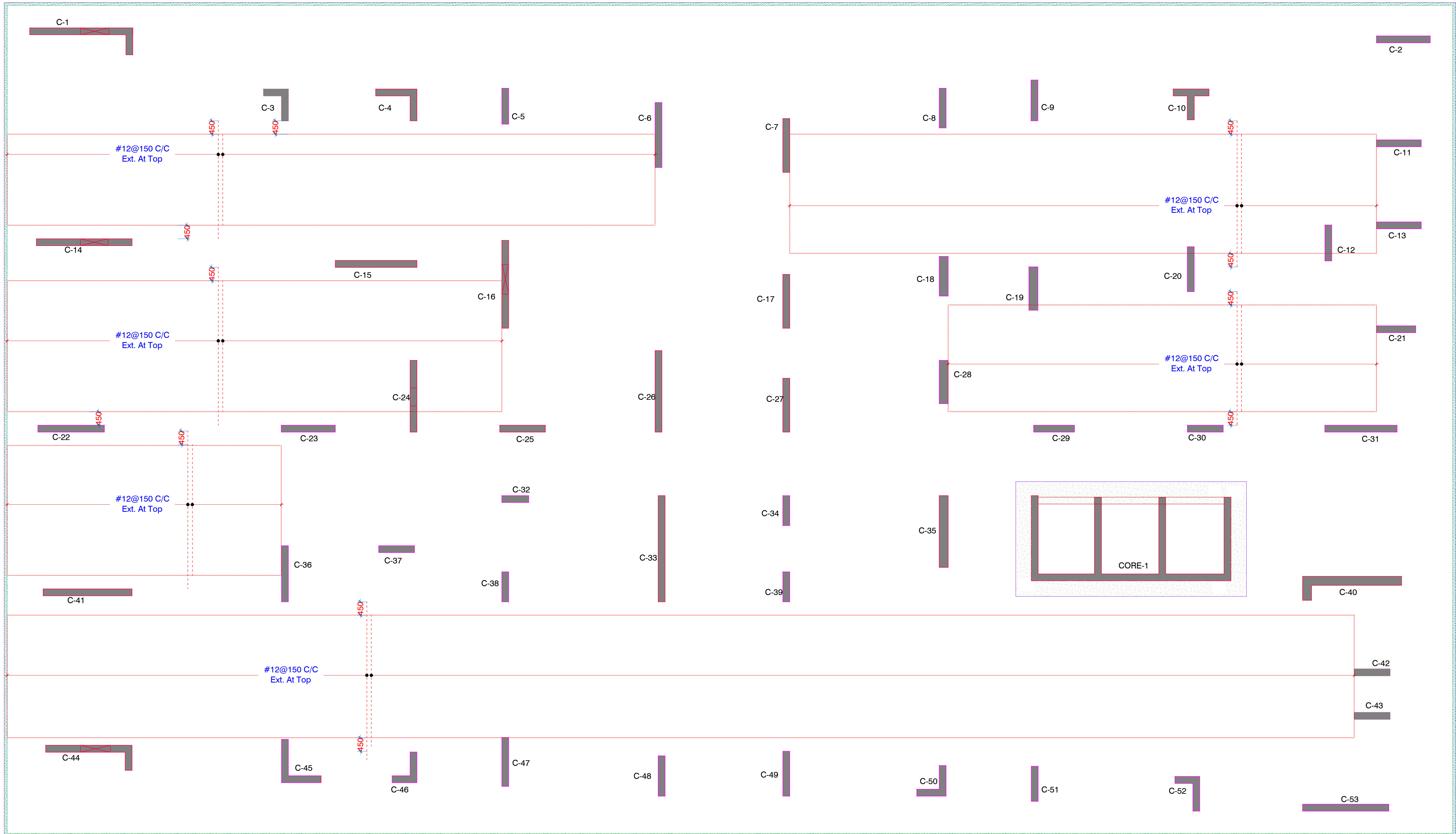
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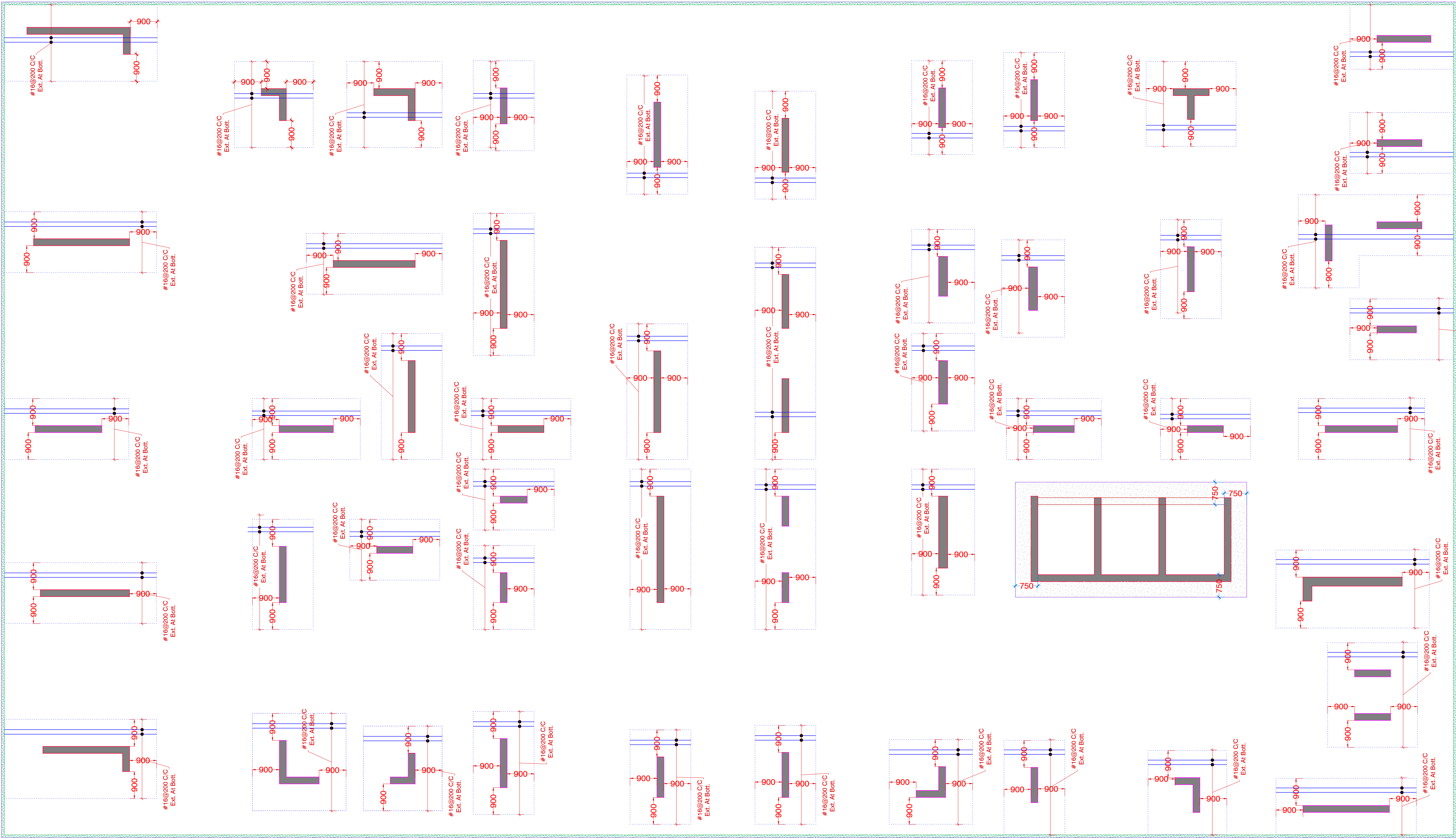
STAMP:

VJAYTECH CONSULTANTS PVT. LTD.

VJAYTECH CONSULTANTS PVT. LTD.

SANJAY SHARMA
B.E. (Civil) M.Tech. (Structures)





DESIGN & BUILD

LIST OF CONSULTANTS:

ARCHITECT :

Maheshwari & Associates

STRUCTURAL DESIGN CONSULTANT:

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E-mail: vijayconsulting@gmail.com, vijaytech_jaipur@gmail.com

MEP CONSULTANT:

PROJECT DETAILS:

**PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE JAIPUR**

IMPORTANT NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING AND ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTE.
3. ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
4. ALL LOOSE BOLLERS SHOULD BE FULLY REMOVED BEFORE PLACEMENT OF P.C. BED.
5. ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL/MORBUM.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH CORROSIVED BARS SHOWN CONFORMING TO IS-1786:2008 SHALL BE USED.
2. LAP SHALL BE STAGGERED TO NOT MORE THAN 1/3 OF BAR.
3. LAP SHALL BE STAGGERED TO NOT MORE THAN 1/3 OF BAR.
4. ALL BARS SHALL BE LAPPED AT ANY SECTION.
5. ALL BARS SHALL BE STAGGERED TO NOT MORE THAN 1/3 OF BAR.

CONC. GRADE	IS
M-20	4750
M-25	4850
M-30	4950
M-40	5150
M-45 & ABOVE	5350

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE M-25 DETAILS CONFORMING TO IS-456:2000 UNLESS OTHERWISE NOTED.
2. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	200 MM	200 MM	200 MM
RETAINED WALL	200 MM	200 MM	200 MM
COLUMN	200 MM	200 MM	200 MM
BEAM	200 MM	200 MM	200 MM
SLAB	200 MM	200 MM	200 MM
WALL	200 MM	200 MM	200 MM
WATER TANK	200 MM	200 MM	200 MM

MARKS

DATE	DESCRIPTION

NOTES:

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY. (TMT-550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25.

PROJECT NO.:

DRAWN BY: KANHAIYA LAL

CHECKED BY: AAKASH

FILE LOCATION

\\server\pc\project

SHEET TITLE:

**BOTTOM EXTRA
HORIZONTAL
REINFORCEMENT PLAN**

DRG NO.

S-04

NORTH:

DATE: 04.04.2024

SCALE:

STAMP:

VIJAYTECH CONSULTANTS PVT. LTD.

SANJAY SHARMA
B.E. (Civil) M.Tech. (Structures)

DESIGN & BUILD

LIST OF CONSULTANTS:

ARCHITECT :

Maheshwari & Associates

STRUCTURAL DESIGN CONSULTANT:



MEP CONSULTANT:

PROJECT DETAILS:

PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE_JAIPUR

IMPORTANT NOTES:-
ALL DIMENSIONS ARE IN

2. ALL DIMENSIONS ARE IN MM.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING AND ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
5. ALL LOOSE BOULDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.
6. ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL / MORUM

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS # WITH CHARACTERISTIC STRENGTH 506 N/MM² CONFORMING TO IS 1786-2008, SHALL BE USED.
2. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
3. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE d IS DIA. OF BARS.

CONC GRADE	Lbf
M-20	570
M-25	490
M-30	490
M-35	410
M-40 & ABOVE	390

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE M-25 DETAILS
CONFIRMING TO IS 456-2000 UNLESS OTHERWISE

2. CLEAR COVER OF CONCRETE IN INCHES TO

THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2'(50 MM.)	2'(50 MM.)	2'(50 MM.)
RETAINING WALL			1 1/2"(40MM.) - EARTH SIDE 3/4"(20MM.) - INSIDE FACE
COLUMNS			1 1/2"(40 MM.)
BEAMS, SLANTS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2 1/2"(65MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1 1/2"(40MM.) - EARTH SIDE

MARK	DATE	DESCRIPTION
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NOTES:-

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY. (TMT 550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25

2. GRADE OF CONCRETE SHALL BE M-25.

PROJECT NO.:

DRAWN BY: KANHAIYA LAL

CHECKED BY: AAKASH

FILE LOCATION

\\serverpc\c- project\

SHEET TITLE:

**BOTTOM EXTRA
VERTICAL
REINFORCEMENT PLAN**

DRG NO.	S-05	NORTH:
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DRG NO.	S-03
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DATE	04.04.2024	
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SCALE	
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STAMP:

VJAYTECH CONSULTANTS PVT. LTD.

SANJAY SHARMA

B.E. (Civil) M.Tech. (Structures)

[illegible]

DESIGN & BUILD

LIST OF CONSULTANTS:

ARCHITECT :

Maheshwari & Associates

STRUCTURAL DESIGN CONSULTANT:

Vijaytech Consultants Pvt. Ltd.
H-11 GAUTAM NAGAR, BHANU NAGAR, JAIPUR-302015, INDIA
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MEP CONSULTANT:

PROJECT DETAILS:

**PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE JAIPUR**

IMPORTANT NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING AND ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTE.
3. ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
4. ALL LOOSE BOLLERS SHOULD BE FULLY REMOVED BEFORE PLACEMENT OF P.C.C. BED.
5. ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL/MORBUM.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH CORROSION RESISTANT BARS SHOWN.
2. IF BARS ARE NOT SPECIFIED OTHERWISE, THEY SHALL BE USED.
3. ALL BARS SHALL BE LAPPED AT ANY SECTION.
4. LAP LENGTH FOR BARS SHALL BE AS PER IS:456-2000.
5. BARS SHALL BE FULLY DEVELOPED.

CONC. GRADE	BAR
M-20	570
M-25	480
M-30	480
M-40	480
M-45	480
M-50	480
M-60	480

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE M-25 DETAILS.
2. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	200 MM	200 MM	200 MM
RETAINED WALL	200 MM	200 MM	200 MM
COLUMN	200 MM	200 MM	200 MM
BEAM	200 MM	200 MM	200 MM
SLAB	200 MM	200 MM	200 MM
WALL	200 MM	200 MM	200 MM
DOOR/ WINDOW	200 MM	200 MM	200 MM
WATER TANK	200 MM	200 MM	200 MM

MARK

DATE

DESCRIPTION

NOTES:-

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY. (TMT-550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25.

PROJECT NO.:

DRAWN BY: KANHAIYA LAL

CHECKED BY: AAKASH

FILE LOCATION

\\server\pe\project

SHEET TITLE:

TYPICAL FRAMING PLAN

DRG NO.

S-06

DATE

04.04.2024

SCALE

STAMP:

VIJAYTECH CONSULTANTS PVT. LTD.

SANJAY SHARMA

B.E. (CIVIL) M.Tech. (Structures)

D

LIST OF CONSULTANTS:

ARCHITECT :

Maheshwari & Associates

STRUCTURAL DESIGN CONSULTANT:

Vijaytech Consultants Pvt. Ltd.
H-11 GAUTAM NAGAR, SEKTOR-18, JAIPUR-302018
Phone: 91-141-2244444, 2257766, Fax: 91-141-4822188
E-mail: vijaytech@gmail.com, vijaytech.ja@gmail.com

MEP CONSULTANT:

PROJECT DETAILS:

**PROPOSED RESIDENTIAL
DEVELOPMENT @ MADHO
SINGH CIRCLE JAIPUR**

IMPORTANT NOTES:

1. ALL DIMENSIONS ARE IN MM.
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3. ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT IMMEDIATELY.
4. ALL LOOSE BOLLERS SHOULD BE FULLY REMOVED BEFORE PLACEMENT OF F.C. BED.
5. ALL FOUNDATION PITS SHOULD BE BACK-FILLED WITH WELL-COMPACTED GRAVEL/MORBUM.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS SHOWN.
2. IF BARS ARE NOT SPECIFIED OTHERWISE, THEY SHALL BE USED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
4. LAP LENGTH FOR REINFORCEMENT DEFORMED BARS SHALL BE AS FOLLOWS: WHERE 'L' IS DIA. OF BARS.

CONC. GRADE	MIN.
M-20	570
M-25	680
M-30	760
M-40	930
M-50	1100
M-60 & ABOVE	1250

CONCRETE DETAILS

1. GRADE OF CONCRETE SHALL BE AS PER DETAILS.
2. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	200 MM	200 MM	200 MM
RETAINING WALL	200 MM	200 MM	200 MM
COLUMN	125 MM	125 MM	125 MM
BEAM	125 MM	125 MM	125 MM
SLAB	75 MM	75 MM	75 MM
WALL	125 MM	125 MM	125 MM
WALL FACE	125 MM	125 MM	125 MM
WALL FACE	125 MM	125 MM	125 MM

MARK DATE DESCRIPTION

NOTES:

1. GRADE OF STEEL SHALL BE Fe-550 FROM PRIMARY PRODUCERS ONLY. (MT-550 SHALL BE TATA, SAIL, JINDAL, ETC.)
2. GRADE OF CONCRETE SHALL BE M-25.

PROJECT NO.:

DRAWN BY: KANHAIYA LAL

CHECKED BY: AAKASH

FILE LOCATION

\\server\pc-project

SHEET TITLE:

TYPICAL BEAM DETAILS

DRG NO.

S-07

NORTH:

DATE

04.04.2024

SCALE

STAMP:

VIJAYTECH CONSULTANTS PVT. LTD.

SAHAY SHARMA
B.E. (Civil) M.Tech. (Structures)