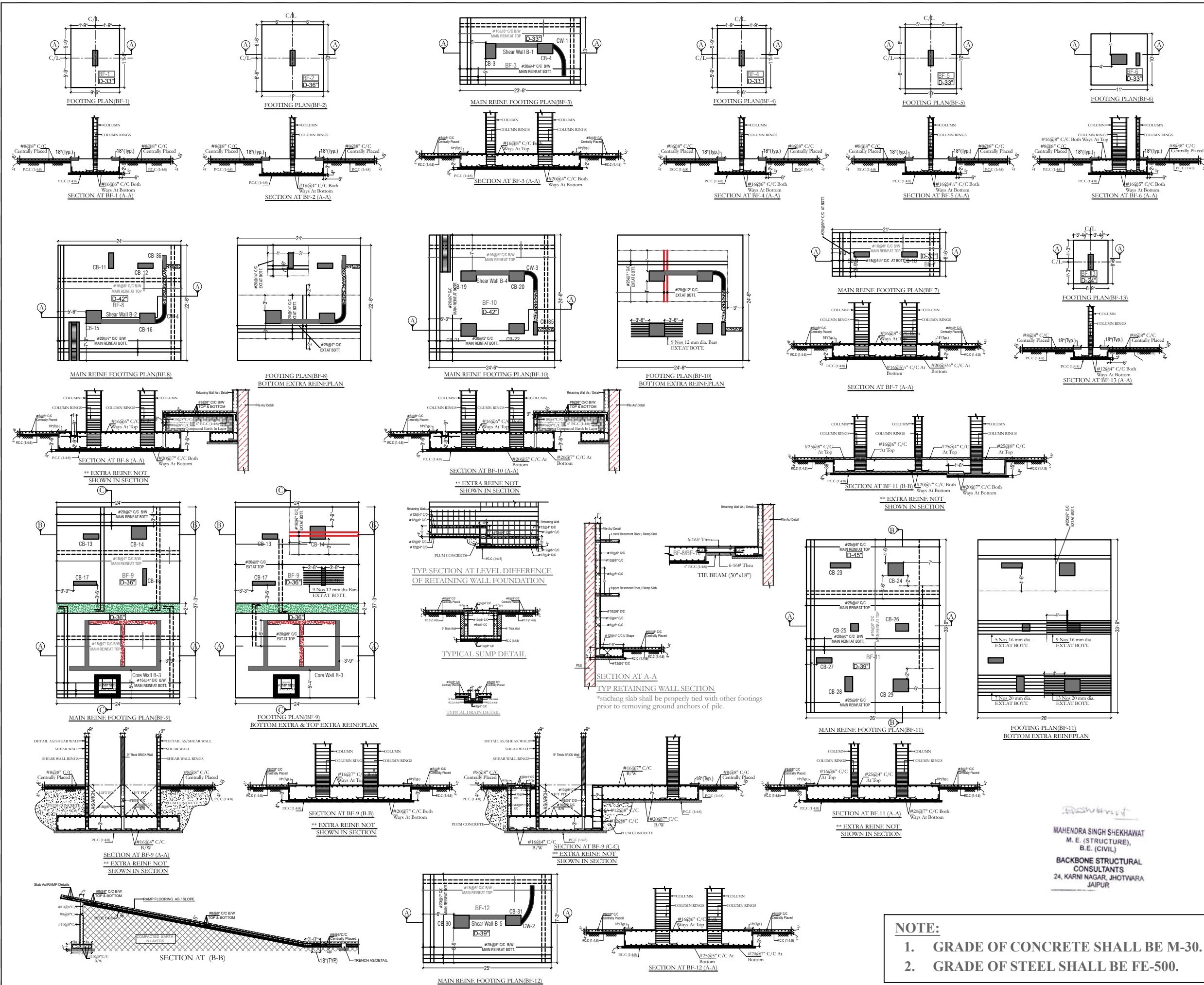




NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).

2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.

3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.

4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.

5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)

6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.

7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS, WHERE ϕ IS DIA. OF BARS.

CONC. GRADE	LAB/LAP
M-20	570
M-25	493
M-30	463
M-35	410
M-40 & ABOVE	360

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.

11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.

12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.

13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.

14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.

16. 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)	
RETAINING WALL			1.5"(40MM) EARTH SIDE, 0.75"(20MM) - INSIDE F.M.C.E.
COLUMNS			1.5"(40 MM)
BEAMS, LINTELS	1"(25 MM)	1"(25MM)	1"(25MM)
SLAB	1/4"(20MM)	2/7"(12MM)	
WALLS, FLOOR & ROOF SLAB OR WATER TANKS			WATER FACE: 1.5"(40MM), EARTH SIDE

SPECIAL NOTES

A. IN WATER LOGGED AREA WATER TABLE SHALL BE LOWERED AT LEAST 1000MM TO 1500MM BELOW EXCAVATION LEVEL.

B. DEWATERING SHALL BE CONTINUED TILL THE CASTING OF SECOND FLOOR LVL.

C. BACKFILLING IN BASEMENT SHALL BE DONE IMMEDIATELY AFTER CASTING OF FOUNDATION.

D. ON EXTENDED BASEMENT, EARTH FILLING SHALL BE DONE IMMEDIATELY AFTER DESHUTTERING OF EXTENDED BASEMENT SLAB.

E. ALL LOOSE BOULDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.

F. STITCHING SLAB CONNECTED WITH RETAINING WALL SHALL BE TIED WITH ADJACENT FOOTING PROPERLY PRIOR TO REMOVAL OF GROUND PILE ANCHOR.

G. AT LEVEL DIFFERENCE PROVIDE PLUMB CONCRETE SHALL BE PROVIDED AS PER REQUIREMENT.

H. STITCHING SLAB SHALL BE PLACED ON WELL COMPACTED EARTH .

NO.	DATE	DESCRIPTION	CHKD

FAO

AC

GFC

FOR APPROVAL ONLY

FOR ADVANCE COPY

GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR

ARCHITECT OF RECORD:

IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

FOOTING SECTION DETAIL
(BLISS TOWER)

DRG. NO.

S-02

STATUS

DRAWN BY VIRENDRA

SCALE

1:1

GFC

DESIGNED BY RAHUL

REV.NO.

R0

DATE

14-06-21

APPROVED BY Mahendra Shekawat

REVISION:-

PROJECT NO.

BC/2021-09

FILE

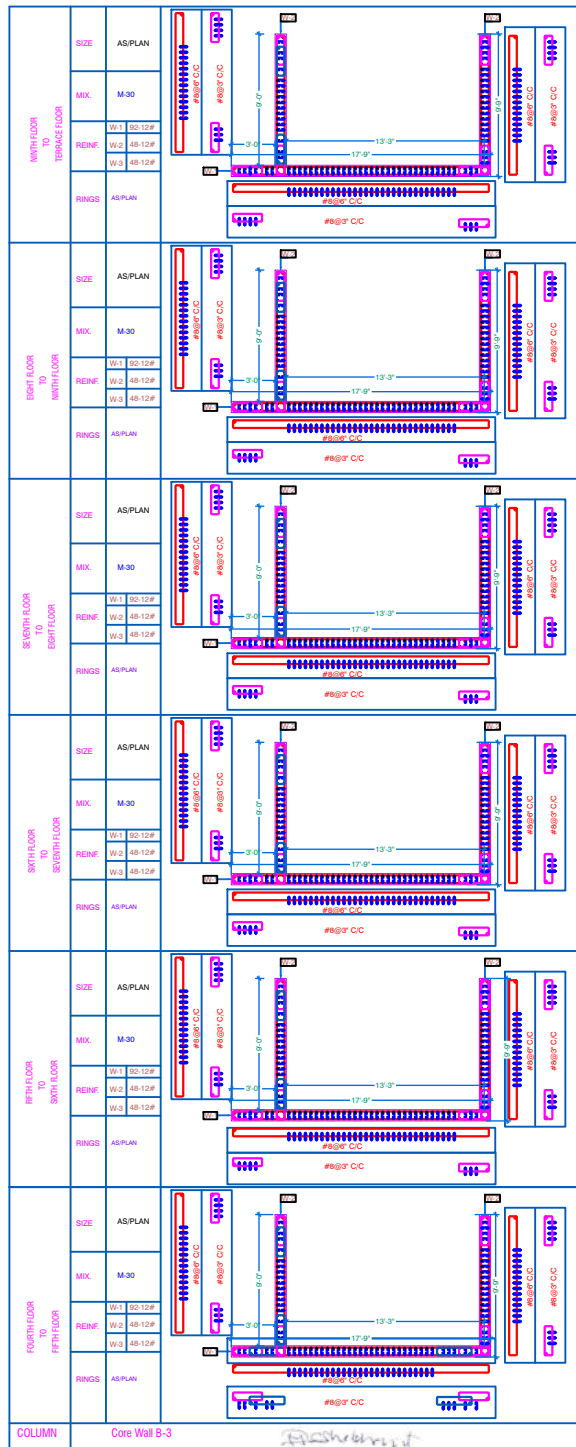
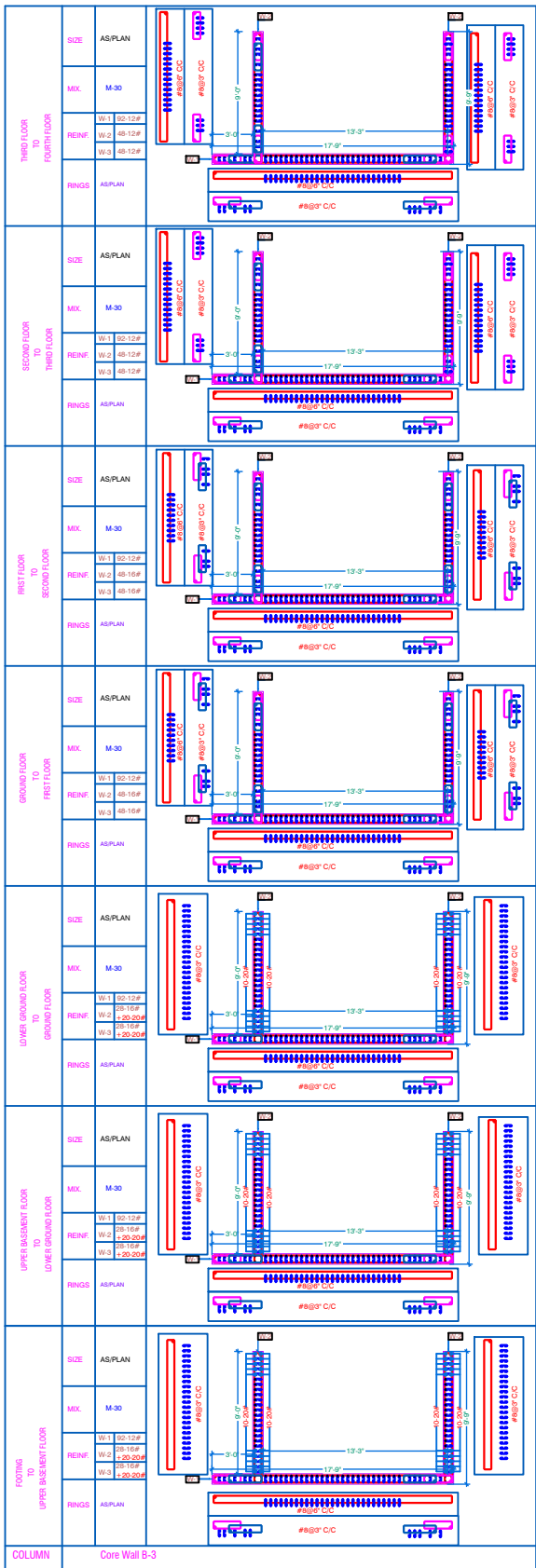
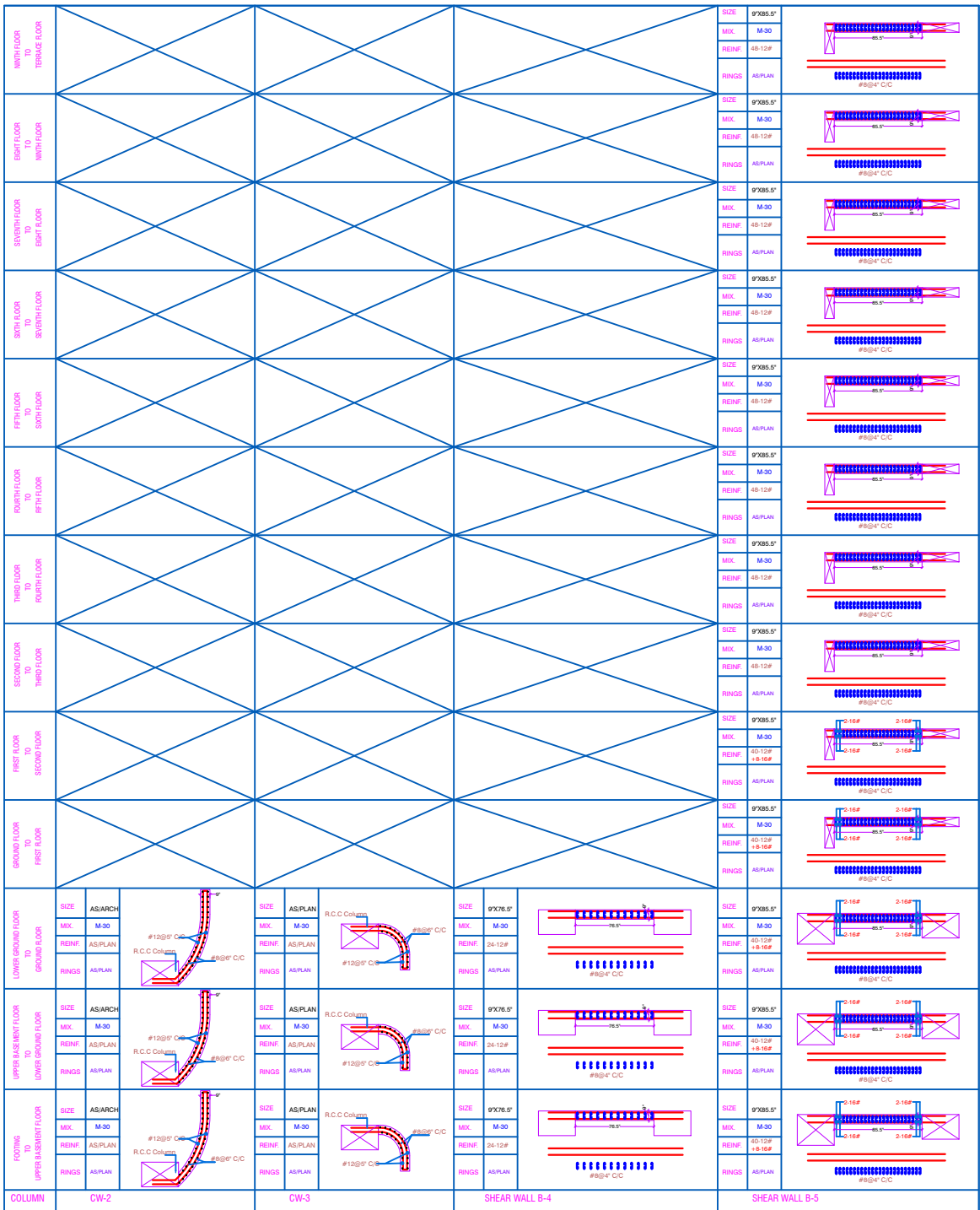
MASTER Comp/PARK/STR.

CONSULTANT

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

NOTE:

- GRADE OF CONCRETE SHALL BE M-30.
- GRADE OF STEEL SHALL BE FE-500.



PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE ϕ IS DIA OF BARS.

CONC.GRADE	LG.LAP
M-20	57D
M-25	46D
M-30	46D
M-30 & ABOVE	41D

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.C. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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.)	1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
RETAINING WALL			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	3/4"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CHKD

FAO ■ FOR APPROVAL ONLY

AC □ FOR ADVANCE COPY

GFC □ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**COLUMN/SHEAR WALL DETAIL
(BLISS TOWER)**

DRG. NO.

S-03 (SHEET -6)

STATUS

GFC	DRAWN BY	VIRENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	
	CHKD. BY	DEEPAK		

DATE

10-07-21

REVISION:-

FILE BC/2021-09

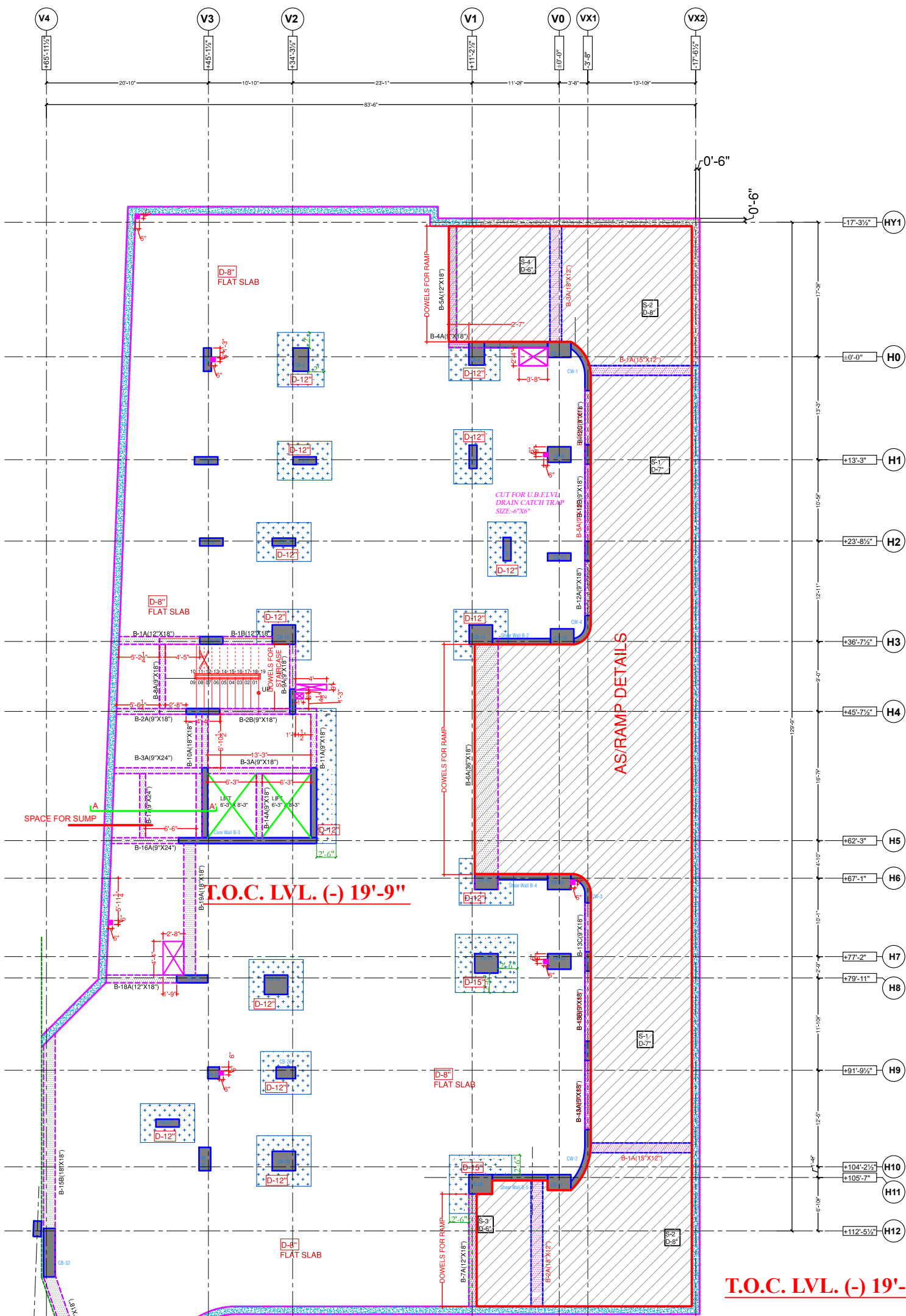
CONSULTANT

BACKBONE STRUCTURAL

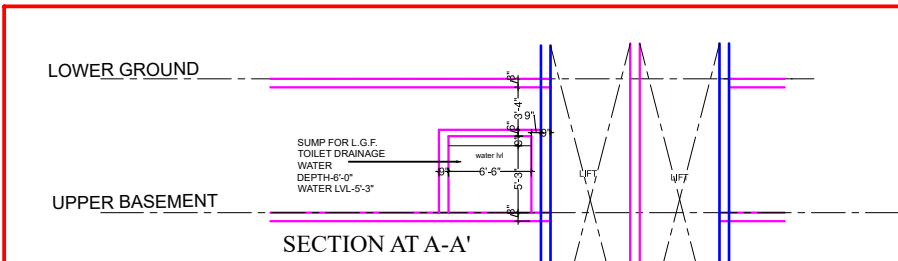
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

R3 - Aug. 20, 21



LOWER GROUND TOILET DRAINAGE SUMP IN UPPER BASEMENT FLOOR LVL



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

DEVELOPERS

.Manglam-Png.png

PROJECT

.Park Infinium.jpg

ARCHITECT

.\.\Ideas Logo.jpg

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377
email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

NOTES :-

1) THIS DRAWING IS PROPERTY OF IDEAS , JAIPUR
2) UNAUTHORIZED USE OF THIS DRAWING WITHOUT PERMISSION IS
STRICTLY PROHIBITED.
3) ALL DIMENSIONS ARE IN MM, UNLESS NOTED OTHERWISE.
4) ANY DISCREPANCY ARISING SHOULD BE INFORMED TO THE ARCHITECT
IMMEDIATELY.

Nos.	DATE	PRINT ISSUED TO
1	8 July 2021	TO SITE
1	28 July 2021	TO SITE
1	Aug. 13, 21	TO SITE
1	Aug. 20, 21	TO SITE

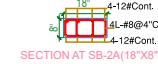
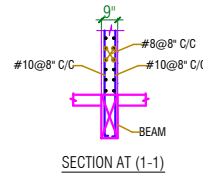
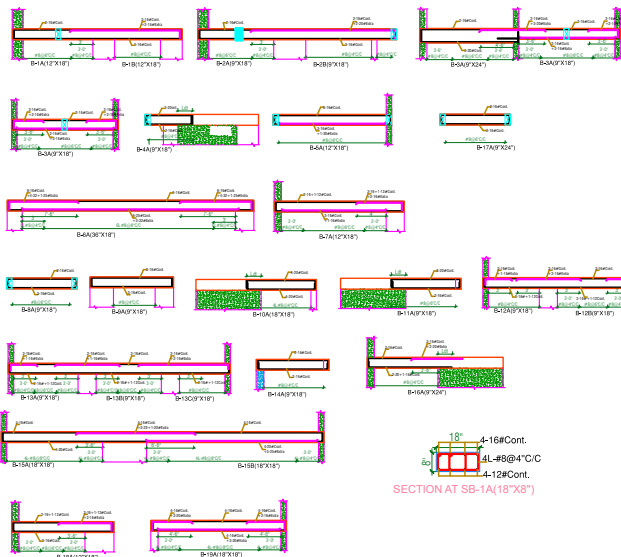
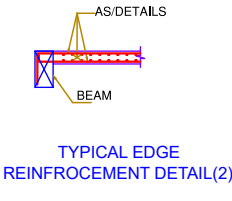
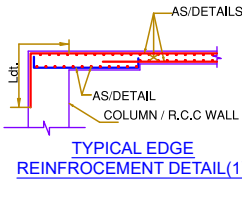
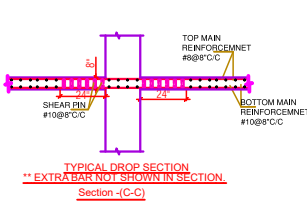
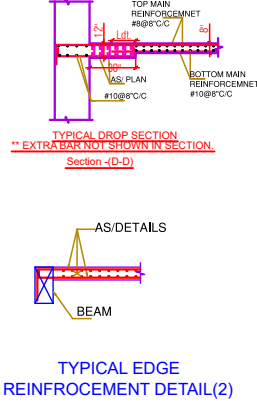
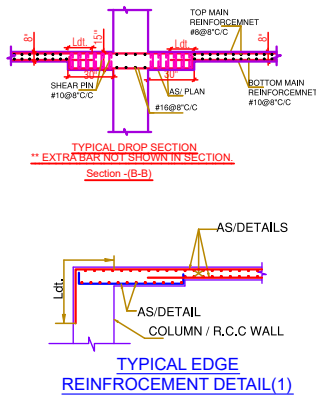
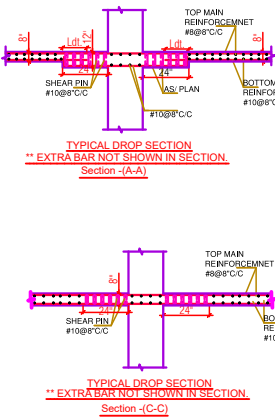
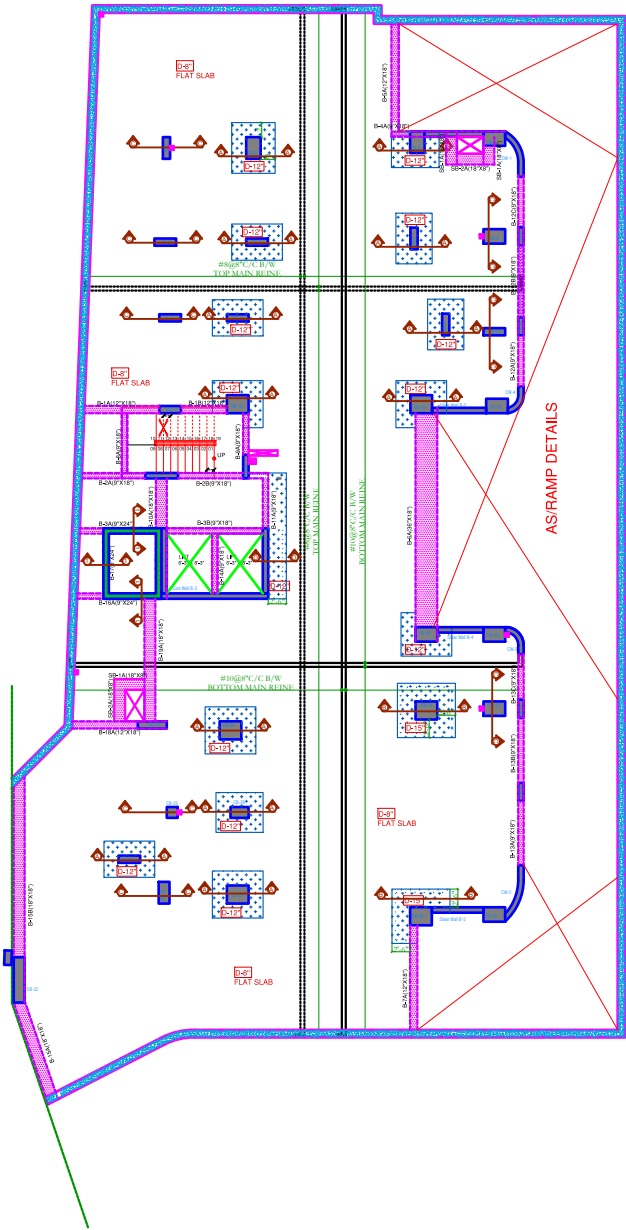
REVISIONS:-

S.No.	DATE	REMARKS
R0	8 July 2021	GFC
R1	28 July 2021	CUT OUT MARK
R2	28 July 2021	CUT OUT & SUMP
R3	Aug. 20, 21	BEAM ADDED

KEY PLAN :-

N

PROJECT:-	PLOT NO.16, GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR		
CLIENT:-	MANGLAM		
DRAWING TITLE	BLISS TOWER LOWER BASEMENT SHUTTERING		
DATE:-	13 August 2021	DRG.NO.	
CHECKED BY:-	GIRISH KHANDELWAL	SH-01	
DEALT BY:-	DEEPAK		
DRAWN BY:-	AMIT		



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

NOTE:
1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (S.I./U.S.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONNECTION WITH THIS DRAWING.
4. PROPOSED 100 MM LEAN CONG. OF MIX 5-8-8 (1) COURSE & COURSE SAND: 8 GRADED HARD STONE, ADEQUATE OF 40 MM NOMINAL SIZE UNDERMINER ALL REIN. PROVIDING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR UPON WELD STRENGTH REINFORCED BARS SHALL BE AS FOLLOWS: WELD 1 IS 40X OF BARS.

ITEM	QTY
M40	570
M40	490
M40	490
M40	410
M40 & ABOVE	380

8. FOR R/C WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (I.S.I.).

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.C. OFFSET.

11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.

12. ANY DISCREPANCY IN SET OUT LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.

13. LOCATION OF LIFT PIT, STAIR AND RAMP SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.

14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/PER TESTING REPORT.

16. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDE
FOOTING	2" (50 MM)	2" (50 MM)	2" (50 MM)
RETAINED WALL	2" (50 MM)	2" (50 MM)	2" (50 MM)
COLUMN	2" (50 MM)	2" (50 MM)	2" (50 MM)
BEAM	2" (50 MM)	2" (50 MM)	2" (50 MM)
SLAB	2" (50 MM)	2" (50 MM)	2" (50 MM)
WALL FLOOR	2" (50 MM)	2" (50 MM)	2" (50 MM)
WALL ROOF	2" (50 MM)	2" (50 MM)	2" (50 MM)

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CHK

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AC ☐ FOR ADVANCE COPY
GFC ☐ GOOD FOR CONSTRUCTION

REVISION

PROJECT:
PLOT NO.16, GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR

ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRG. NO.
S-05(Sheet-1)

STATUS

STATUS	DRAWN BY	SCALE
GFC	VRINDRA	1:1

DESIGNED BY
RAHUL

CHK. BY
DEEPAK

REV. NO.
R-1

DATE
16-08-21

APPROVED BY
Mahendra Shekawat

PROJECT NO.
BC/2021-09

REVISION
FILE MASTER Comp/PARK/STR.

CONSULTANT
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

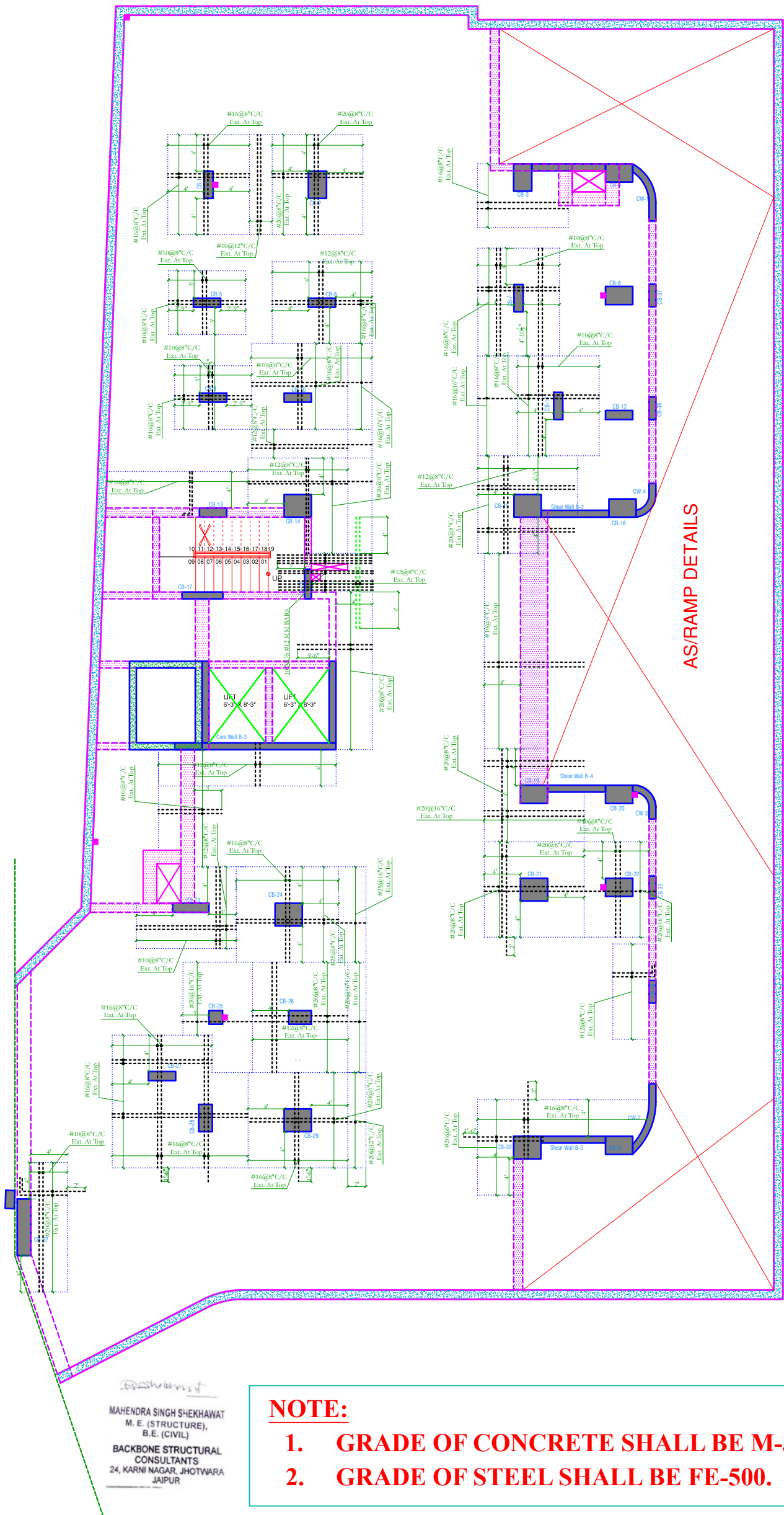


NOTE:

1. **GRADE OF CONCRETE SHALL BE M-30.**
2. **GRADE OF STEEL SHALL BE FE-500.**

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.



NOTE:

1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE ϕ IS DIA. OF BARS.

CONC.GRADE	LAP
M-20	570
M-25	480
M-30	460
M-35	410
M-40 & ABOVE	360

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**LOWER BASEMENT FLAT SLAB TOP
EXTRA REINFORCEMENT PLAN
(BLISS BLOCK)**

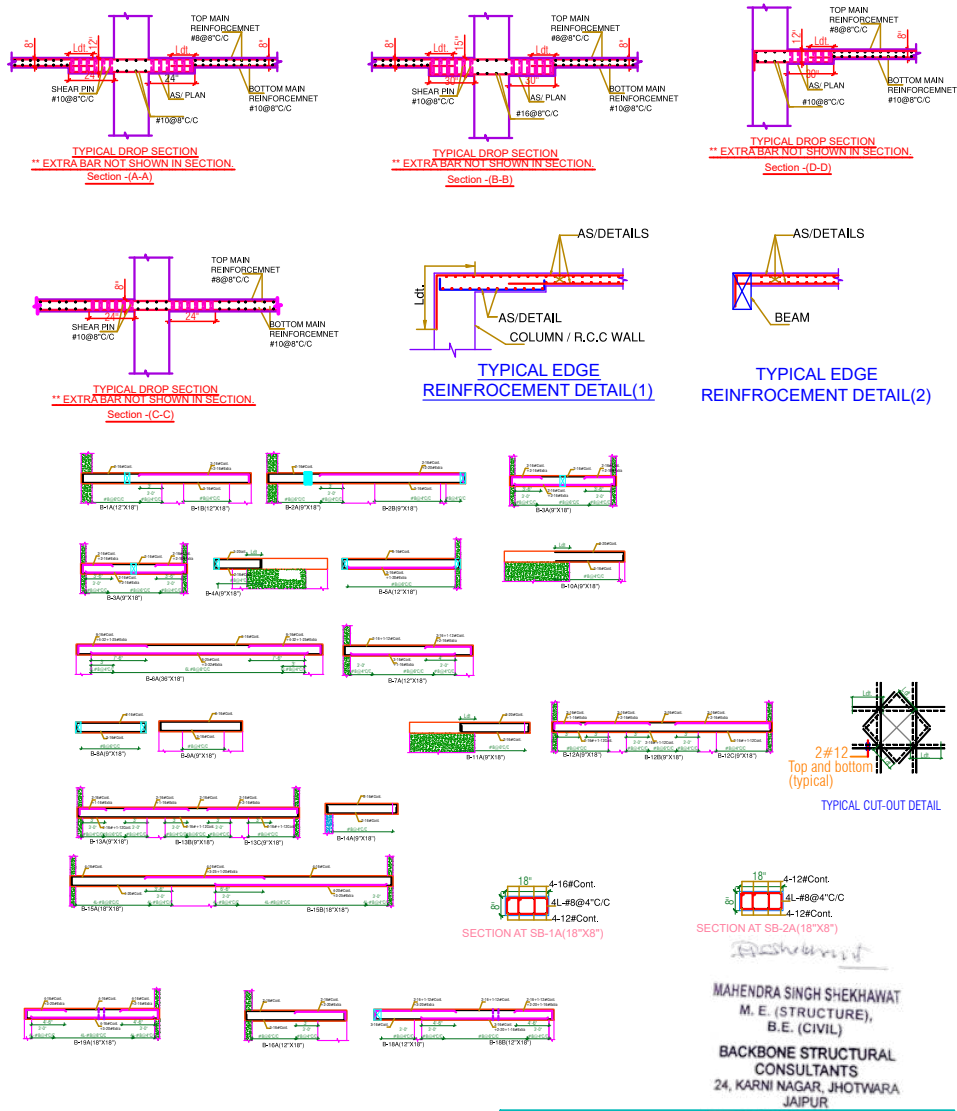
DRG. NO.

S-05(Sheet-3)

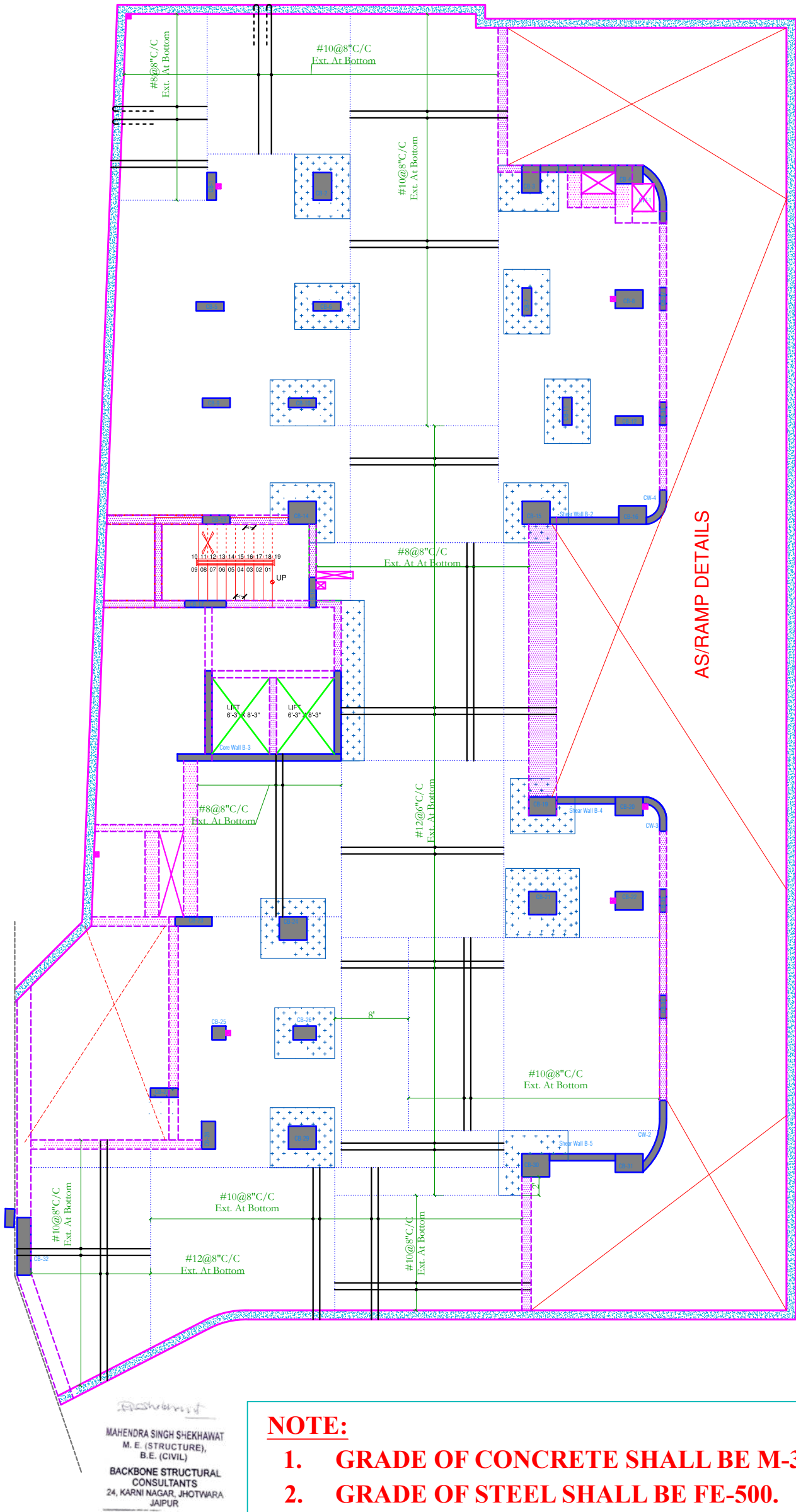
STATUS	DRAWN BY	SCALE
	VIRENDRA	1:1
	DESIGNED BY	REV.NO.
	RAHUL	
	CKD. BY	
	DEEPAK	R-1
DATE	APPROVED BY	Mahendra Shekhawat
08-07-21	PROJECT NO.	BC/2021-09
REVISION:-	FILE	MASTER Comp/PARK/STR.

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR



PART: INFINIA																	
NOTES:-																	
1. ALL DIMENSIONS ARE IN FEET&INCHES (ft.&in.)																	
2. DO NOT SCALE ANY DIMENSION, ALWAYS FOLLOW WRITTEN DIMENSIONS.																	
3. NO PART SHALL BE RETURNED IN CONNECTION WITH THIS DRAWING.																	
4. PROVIDED 100 MM CONC OR CONC OF NOT <40 N/mm ² CONCRETE GRADE.																	
5. SAND, IS GRADED HAVING SIZE, APPROXIMATE OF 40 MM PASSING, SIZE UNDERPASS 40 MM AND FINEST.																	
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.																	
7. LAP LENGTH FOR STEEL REINFORCEMENT BARS SHALL BE AS FOLLOWS WHERE IS DIA. OF BARS.																	
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BARS	570																
BARS	600																
BARS	630																
BARS	650																
BARS	675																
BARS	700																
BARS	750																
8. FOR RCC WORKS USE MIX RATIO conforming TO IS : 456 latest revision (B.B.A)																	
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION _____ (REFER EXCAVATION PLAN)																	
10. NO FOUNDATION SHALL BE PLACED ON FILL UP EARTH.																	
11. ANY DISCREPANCY IN SIZE OR LINE OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.																	
12. LOCATION OF LEFT FLT, SLIP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.																	
13. CONFIRM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.																	
14. CHECK REINFORCING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/ASL TESTING REPORT.																	
15. CLEAN OUT OF CONCRETE IN BODIES TO THE END REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE -																	
PARTICULAR	BOTTOM	TOP	SIDE														
CORNER WALL	1/30MM	1/30MM	1/30MM														
RETAINING WALL	1/30MM	1/30MM	EARTH SIDE 1/30MM WATER SIDE 1/30MM														
COLUMN	1/30MM	1/30MM	1/30MM														
BEAMS, LINTELS	1/30MM	1/30MM	1/30MM														
FLOOR	1/30MM	1/30MM	1/30MM														
CEILING FLOOR 1/30MM FLOOR SLAB OF WATER TANK	1/30MM	1/30MM	1/30MM EARTH SIDE														
SPECIAL NOTES																	
NO.	DATE	REVISION	C/O														
FAO	☐ FOR APPROVAL ONLY																
AC	☐ FOR ADVANCE COPY																
GFC	☒ GOOD FOR CONSTRUCTION																
R E V I S I O N																	
PLOT NO. 16. GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR																	
ARCHITECT OF RECORD: IDEAS 124, HIMMAT NAGAR, TONK ROAD, JAIPUR PHONE :- 0141-2706227, 2712377 email :- ideasrajput@gmail.com, web :- www.ideasrajput.com																	
DRAWING TITLE: UPPER BASEMENT ROOF FRAMING PLAN AND BEAM DETAILS (BLISS BLOCK)																	
DWG. NO. S-06(Sheet-1)																	
STATUS	DRAWN BY	SCALE															
GFC	DESIGNED BY	RAHUL	REV.NO.														
	CHECK BY	MOHAMMAD	R-1														
DATE 01-11-21		APPROVED BY Mohendra Shekawat															
REVISION:-		FILE NO. BC/2021-09															
MMASTER Comp/PARK/STR.																	
CONSULTANT																	
<u>BACKBONE STRUCTURAL</u> CONSULTANTS 24, KARNI NAGAR JHOTWARA, JAIPUR																	



NOTE:

- GRADE OF CONCRETE SHALL BE M-30.**
- GRADE OF STEEL SHALL BE FE-500.**

PARK INFANIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
- ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE ϕ IS DIA. OF BARS.

CONC.GRADE	Ld/LAP
M-20	570
M-25	480
M-30	460
M-35	410
M-40 & ABOVE	360

- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
- NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
- ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
- LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
- SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
- 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**UPPER BASEMENT FLAT SLAB BOTTOM
EXTRA REINFORCEMENT PLAN
(BLISS BLOCK)**

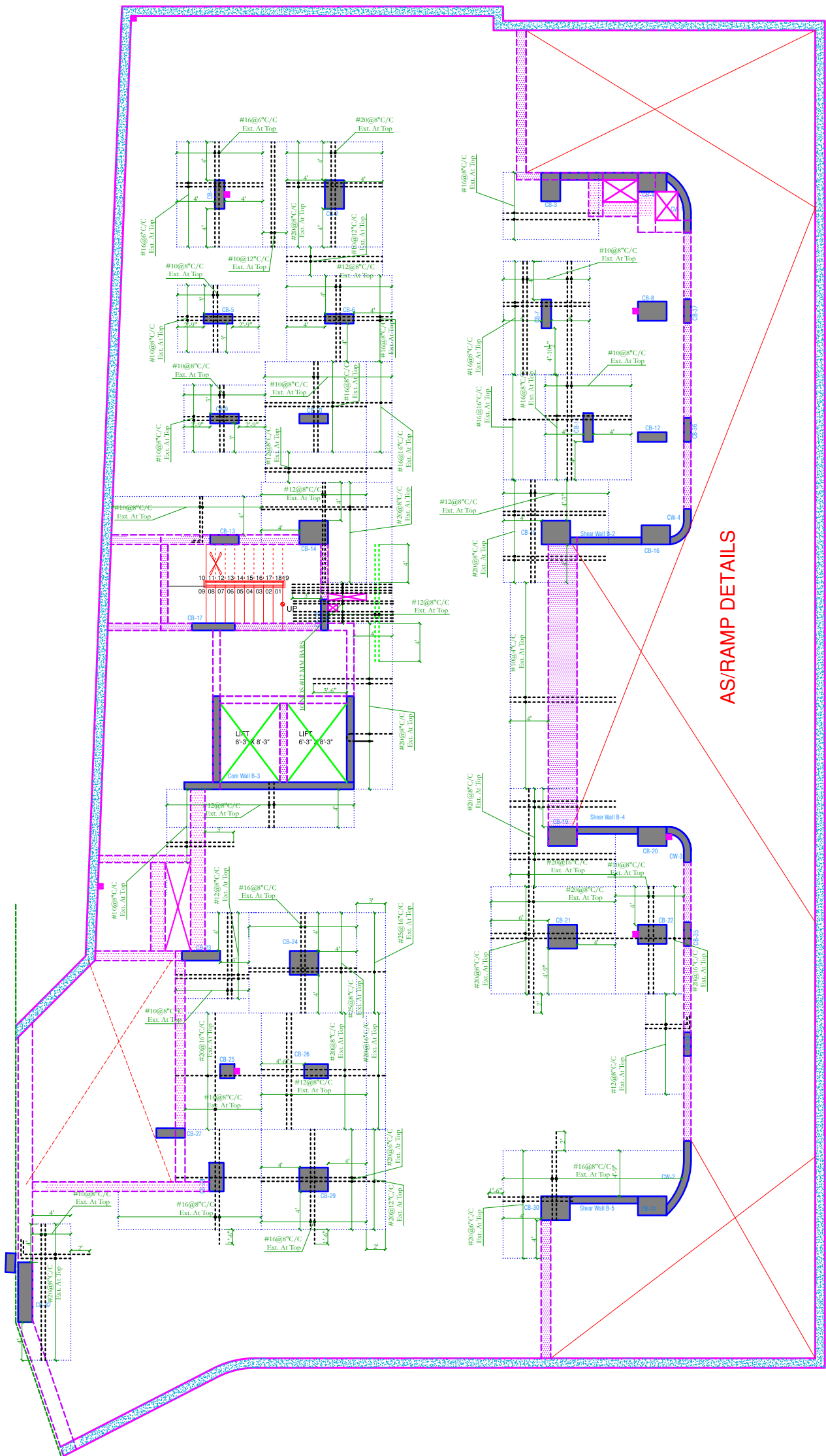
DRG. NO.

S-06(Sheet-2)

GFC	STATUS	DRAWN BY VIRENDRA	SCALE 1:1
		DESIGNED BY RAHUL	REV.NO.
		CKD. BY DEEPAK	R-1
DATE	APPROVED BY Mahendra Shekhawat		
	PROJECT NO. BC/2021-09		
REVISION:-		FILE MASTER Comp/PARK/STR.	

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

NOTE:

1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW WHERE ϕ IS DIA. OF BARS.

CONC.GRADE	Ld/LAP
M-20	570
M-25	480
M-30	460
M-35	410
M-40 & ABOVE	360

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**UPPER BASEMENT FLAT SLAB TOP
EXTRA REINFORCEMENT PLAN
(BLISS BLOCK)**

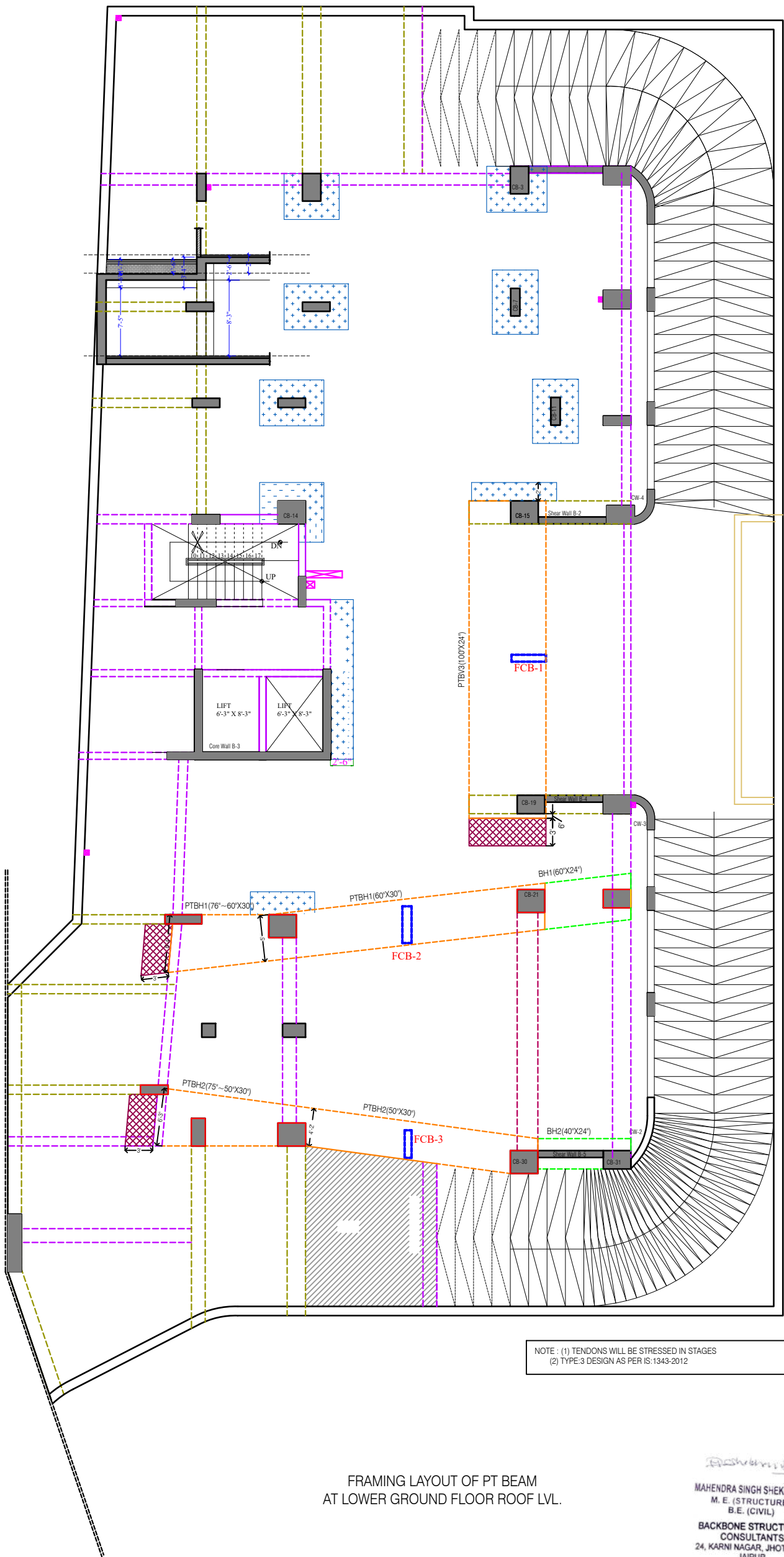
DRG. NO.

S-06(Sheet-3)

STATUS	DRAWN BY	SCALE
	VIRENDRA	1:1
	DESIGNED BY RAHUL	REV.NO.
GFC	CKD. BY DEEPAK	R-1
	APPROVED BY Mahendra Shekawat	
DATE 01-11-21	PROJECT NO.	
REVISION: -	FILE	BC/2021-09
	MASTER Comp/PARK/STR.	

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**



NOTE : (1) TENDONS WILL BE STRESSED IN STAGES
(2) TYPE-3 DESIGN AS PER IS: 1343-2012

FRAMING LAYOUT OF PT BEAM
AT LOWER GROUND FLOOR ROOF LVL.

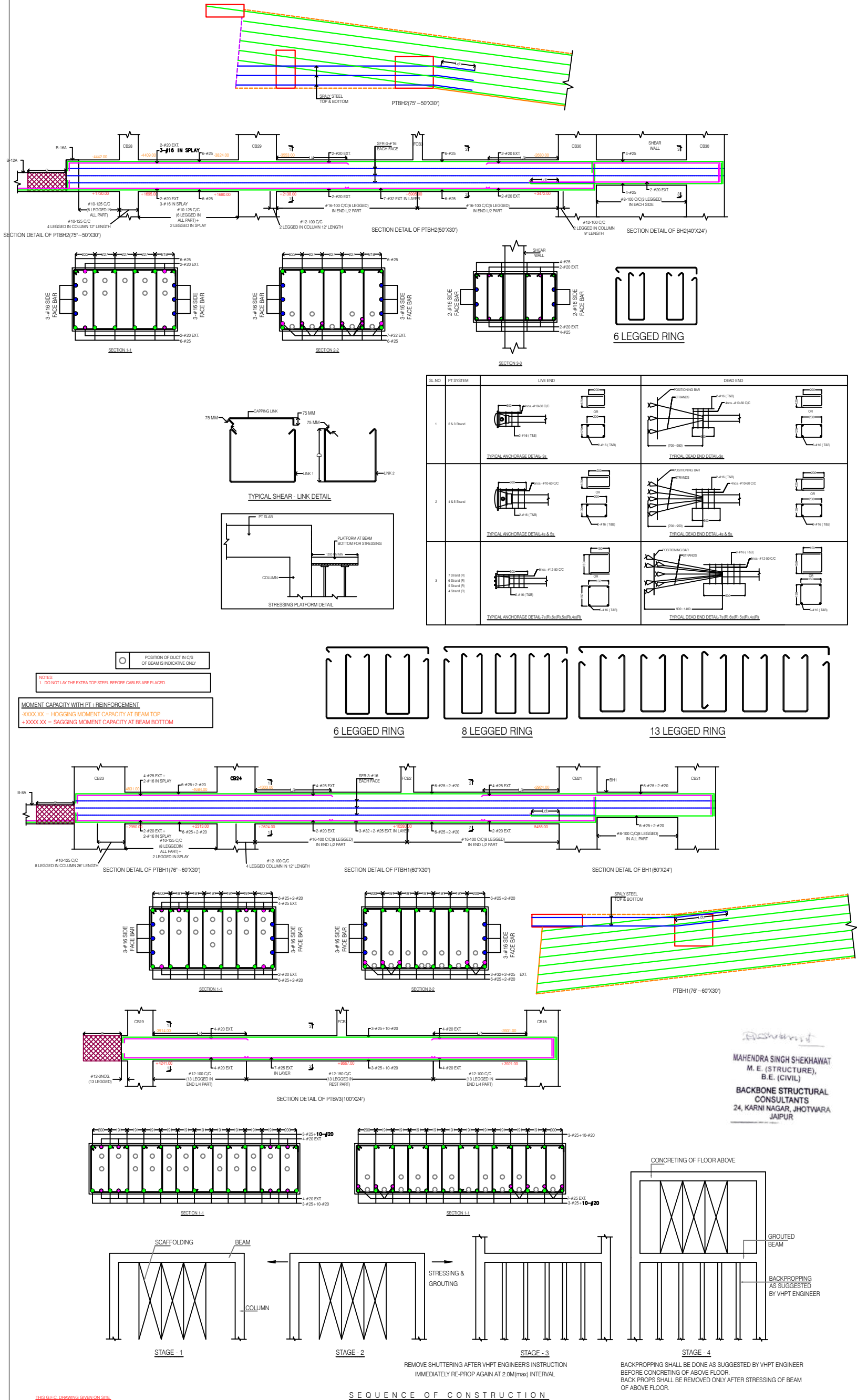
MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

- GENERAL NOTES : (BONDED PT SYSTEM)
1. ALL DIMENSION ARE IN MM U.O.S.
 2. MATERIAL PARAMETERS CONSIDERED :
CONCRETE GRADE : M-45
STRENGTH AT STRESSING : 31.5 N/MM²
PRESTRESSING STEEL : 12.7MM DIA 7 PLY STRAND
CONFORMING TO IS 14288-1995, CLASS II LOW
RELAXATION SUPER GRADE (F_y = 1860 MPa)
REINFORCEMENT STEEL CONFORMING TO IS 1786 : 1990
(FE-500MPa)
 3. COLUMN SIZES AS PER STRUCTURAL DRAWINGS
 4. COLUMN C/C DISTANCE TO BE CHECKED WITH MAIN
CONSULTANTS DRAWING AND TO BE VERIFIED AT SITE
BEFORE EXECUTION.
 5. PT BEAM SIZE : AS SHOWN IN LAYOUT.
 6. PT SLAB THICKNESS : NA.
 7. LOADINGS : AS PER CONSULTANTS DRAWINGS.
 8. THIS FLOOR POST TENSIONED BEAMS TO BE BACK
PROPPED WHILE CONCRETING THE ABOVE FLOOR AT AN
INTERVAL OF 2.0 M WITH 3T ~ 4T CAPACITY PROPS.
 9. DESHUTTERING OF THIS FLOOR ONLY ON APPROVAL FROM
PT ENGINEER I/C IN SITE AND ON CONCURRENCE WITH
MAIN CONSULTANT.
 10. THE POST TENSIONED SLAB/BEAM HAS BEEN DESIGNED
FOR GRAVITATIONAL LOADS AND IN ACCORDANCE WITH IS
456:2000, IS 1343-2012, IS 14288-1995.
 11. THE FOLLOWING ASSUMPTIONS WERE MADE IN PT ANALYSIS
-- EXPOSURE CONDITION : NORMAL
-- FIRE RATING : 2.0 HOURS
-- COVER TO PT SLABS : *****
-- COVER TO PT BEAMS : 30 MM
 12. THE REINFORCEMENTS PROVIDED HERE ARE FOR DEAD
LOAD & LIVE LOAD COMBINATION ONLY FOR SEISMIC
LOAD CASE MAIN CONSULTANT SHOULD PROVIDE EXTRA
REINFORCEMENT AS PER THEIR FINAL DESIGN.
 13. LIVE END & DEAD END CAN BE CHANGED ON SITE AS PER
SITE CONDITION, AS PER INSTRUCTION OF VHPT ENGINEER.
 14. TENDON CLASHING SHALL BE RECTIFIED ON SITE AS
DIRECTED BY VHPT ENGINEER.
 15. SHUTTERING & PROPS SHOULD NOT BE REMOVED IN FOUR
STRIP GRID UNTIL THE FOUR STRIP CONCRETE ATTAINS
ITS REQUIRED STRENGTHS & MAINTAIN THE CONTINUITY.
16. UPPER SLAB CONCRETING SHOULD BE DONE AFTER
MAINTAINING FOUR STRIP CONTINUITY IN THE BELOW
SLAB.
 17. TENDON PROFILE POINTS SHALL BE WITH IN RANGE OF ±5
MM OF THAT SHOWN IN DRAWING OF TENDON PROFILE.
18. TENDON CAN BE MOVED IN PLAN BY ±300 MM BY
ENGINEER INCHARGE.
 19. JACKING FORCE : 75% OF UTS.
 20. ALL NON-PRESTRESSED (CONVENTIONAL) REINFORCEMENT
(NO. , SPACING, LOCATION ETC.) OF PT BEAMS / PT SLABS
SHALL BE CHECKED AND APPROVED BY MAIN CONSULTANT.

LOADS:	LEGEND:
DEAD LOAD : (A) SELF WEIGHT: RC SLAB, RC & PT BEAM AS PER SIZE (B) FLOOR FINISH: 1.50 kN/M ² (C) SERVICE LOAD 0.50 kN/M ² (D) WALL LOAD ON SLAB 1.00 kN/M ² (E) SUNK FILLING AS PER ARCH. DRAWING HAVING DENSITY 18 kN/M ³ (F) FILLING LOAD: 0.0 kN/M ² LIVE LOAD: (A) UNIFORM LOAD 5.00 kN/M ² 10.00 kN/M ² (B) FLOATING COLUMN WORKING DEAD & LIVE LOAD (DL+LL) FCB1 = 3000.00 kN FCB2 = 3800.00 kN FCB3 = 3067.00 kN	RC BEAM RC SLAB 8" THK STRESSING ROCKET TO BE CASTED AFTER STRESSING

Purpose Of Release :			
FOR EXECUTION			
Client:			
MANGLAM			
Architect:			
IDEAS			
Structural Consultant:			
BACKBONE STRUCTURAL CONSULTANTS			
Project Title			
PLOT NO.16, GOVIND MARG ADARSH NAGAR,RAJA PARK JAIPUR			
Drawing Title:			
FRAMING LAYOUT OF PT BEAM AT LOWER GROUND FLOOR ROOF LVL.			
Approved by		HEMALBHAI	
Design By	PRADEEP	Checked by	SAMIR
Scale	NOT TO SCALE	Drawn By:	FENIL
R0	27-12-2021	FOR EXECUTION	
R3	07-12-2021	FOR APPROVAL ONLY	
R2	03-12-2021	FOR APPROVAL ONLY	
R1	02-12-2021	FOR APPROVAL ONLY	
R0	29-11-2021	FOR APPROVAL ONLY	
REV.	DATE	DISCRPTION	

VH PT SYSTEMS			
804 - RAJHANS BONISTA, B/H - RAM CHOWK, GHOD DOD ROAD, SURAT-395 001. Ph : (0261) 26 66 515, 26 56 515 e-mail : vhpssystem@gmail.com.			
PROJECT No.:	VHPT-021-144	Revision	Dated
DRAWING No.:	PT-ST-08/A	27-12-2021	
ACAD dwg no:			
THIS DRAWING IS COPYRIGHTED			



- GENERAL NOTES : (CHECKED PT SYSTEM)
1. ALL DIMENSION ARE IN MM U.O.S.
 2. MATERIAL PARAMETERS CONSIDERED:
CONCRETE GRADE : M40
STRENGTH AT STRESSING : 31.5 N/MM²
PRESTRESSING STEEL : 12.7MM DIA 7 PLY STRAND
CONFORMING TO IS 14066 : 1995, CLASS I LOW
RELAXATION SUPER GRADE (F_y = 1860 MPa)
REINFORCEMENT STEEL CONFORMING TO IS 1786 : 1986
(F_y = 500 MPa)
 3. COLUMN SIZES AS PER STRUCTURAL DRAWINGS
 4. COLUMN C/C DISTANCE TO BE CHECKED WITH MAIN
CONSULTANT'S DRAWING AND TO BE VERIFIED AT SITE
BEFORE EXECUTION.
 5. PT BEAM SIZE : AS SHOWN IN LAYOUT.
 6. PT SLAB THICKNESS : NA
 7. LOADINGS : AS PER CONSULTANTS DRAWINGS.
 8. THIS FLOOR POST TENSIONED BEAMS TO BE BACK
PROPPED WHILE CONCRETING THE ABOVE FLOOR AT AN
INTERVAL OF 2.0 M WITH ST - AT CAPACITY PROPS.
 9. DESHUTTERING OF THIS FLOOR ONLY ON APPROVAL FROM
PT ENGINEER VC IN SITE AND ON CONCURRENCE WITH
MAIN CONSULTANT.
 10. THE POST TENSIONED SLAB/BEAM HAS BEEN DESIGNED
FOR GRAVITATIONAL LOADS AND IN ACCORDANCE WITH IS
456:2000, IS 1343:2012, IS 14586:1995.
 11. THE FOLLOWING ASSUMPTIONS WERE MADE IN PT ANALYSIS
EXPOSURE CONDITION : NORMAL
FIRE RATING : 2 HOURS
COVER TO PT SLABS : 40 MM
COVER TO PT BEAMS : 30 MM
 12. THE REINFORCEMENTS PROVIDED HERE ARE FOR DEAD
LOAD & LIVE LOAD COMBINATION ONLY FOR SEISMIC
LOAD CASE MAIN CONSULTANT SHOULD PROVIDE EXTRA
REINFORCEMENT AS PER THEIR FINAL DESIGN.
 13. LIVE END & DEAD END CAN BE CHANGED ON SITE AS PER
SITE CONDITION, AS PER INSTRUCTION OF VHPT ENGINEER.
 14. TENDON CLASHING SHALL BE RESTRICTED ON SITE AS
DIRECTED BY VHPT ENGINEER.
 15. SHUTTERING & PROPS SHOULD NOT BE REMOVED IN FOUR
STRIP GRID UNTIL THE POUR STRIP CONCRETE ATTAINS
ITS REQUIRED STRENGTH & MAINTAIN THE CONTINUITY.
 16. UPPER SLAB CONCRETING SHOULD BE DONE AFTER
MAINTAINING POUR STRIP CONTINUITY IN THE BELOW
SLAB.
 17. TENDON PROFILE POINTS SHALL BE WITH IN RANGE OF ±5
MM OF THAT SHOWN IN DRAWING OF TENDON PROFILE.
 18. TENDON CAN BE MOVED IN PLAN BY ±300 MM BY
ENGINEER IN CHARGE.
 19. JACKING FORCE: 75% OF UTS.
 20. ALL NON-PRESTRESSED (CONVENTIONAL) REINFORCEMENT
(NO. SPACING, LOCATION ETC.) OF PT BEAMS / PT SLABS
SHALL BE CHECKED AND APPROVED BY MAIN CONSULTANT.

Purpose Of Release :
FOR EXECUTION

Client:
MANGLAM

Architect:
IDEAS

Structural Consultant:
BACKBONE STRUCTURAL CONSULTANTS

Project Title:
PLOT NO.16, GOVIND MARG,
ADARSH NAGAR, RAJA PARK
JAIPUR

Drawing Title:
STEEL DETAIL & GENERAL SECTION OF PT BEAM
AT LOWER GROUND FLOOR ROOF LVL.

Approved by: HEMALBHAI

Design By: PRADEEP Checked by: SAMIR

Scale: NOT TO SCALE Drawn By: FENIL

REV	DATE	DISCUSSION
R0	27-12-2021	FOR EXECUTION
R0	27-12-2021	FOR APPROVAL ONLY
R1	29-12-2021	FOR APPROVAL ONLY
R0	15-12-2021	FOR APPROVAL ONLY

REV DATE DISCUSSION

VH PT SYSTEMS

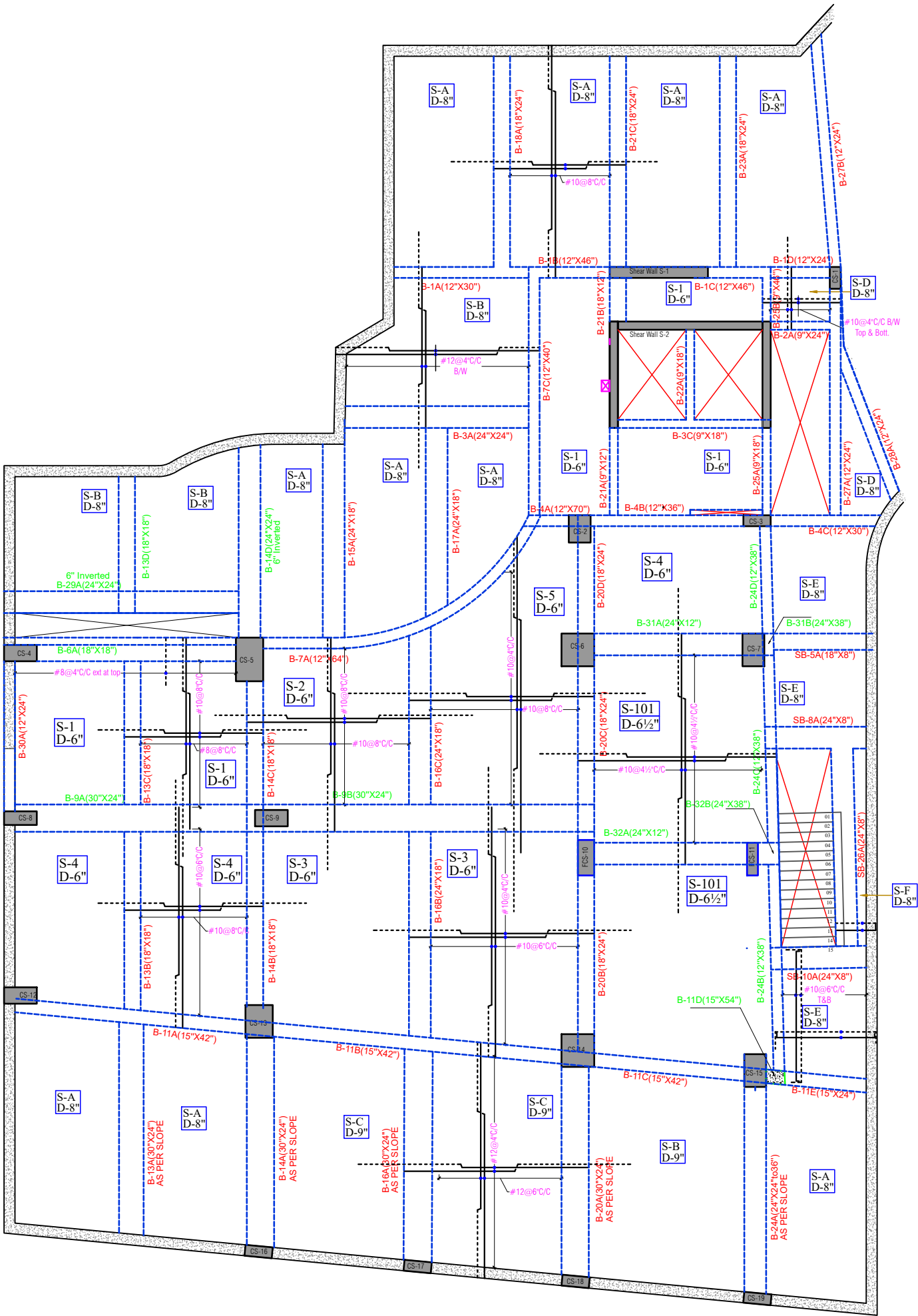
804 - RAJNAGAR, BH - RAM CHOWK,
GHOD DOD ROAD, SURAT-395 001.
PH : (0261) 25 86 515, 28 36 515
e-mail : vhp@vhp-systems.com

PROJECT No.: VHPT21-144 Revision: 01 Dated: 27-12-2021

DRAWING No.: P15T-08-03 R0

ACAD-deg-pro:

THIS DRAWING IS COPYRIGHTED



- NOTE:**
1. GRADE OF CONCRETE SHALL BE M-35.
 2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW WHERE ϕ IS DIA. OF BARS.

CONC. GRADE	Ld/LAP
M-20	57 ϕ
M-25	49 ϕ
M-30	46 ϕ
M-35	41 ϕ
M-40 & ABOVE	36 ϕ

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM) - EARTH SIDE 0.75"(20MM) - INSIDE FACE
COLUMNS			1.5"(40 MM)
BEAMS, LINTELS	1"(25 MM)	1"(25MM)	1"(25MM)
SLAB	3/4"(20MM)	2/3"(15MM)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM) - WATER FACE 1.5"(40MM) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**LOWER GROUND ROOF FRAMING PLAN
(SOUL BLOCK)**

DRG. NO.

SS-06

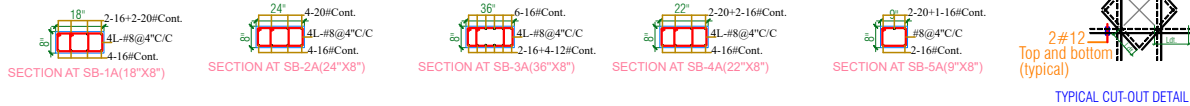
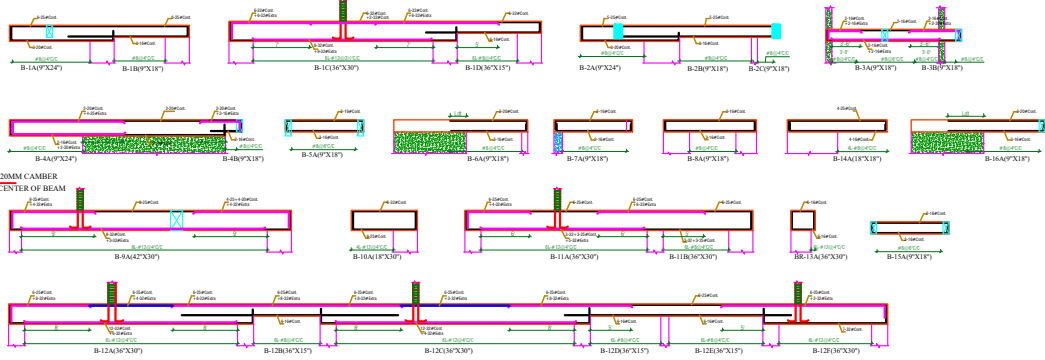
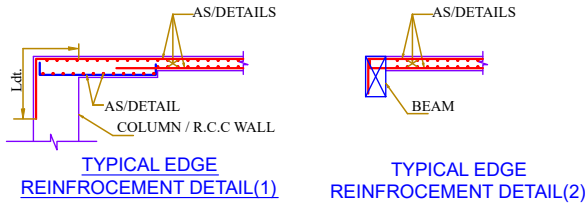
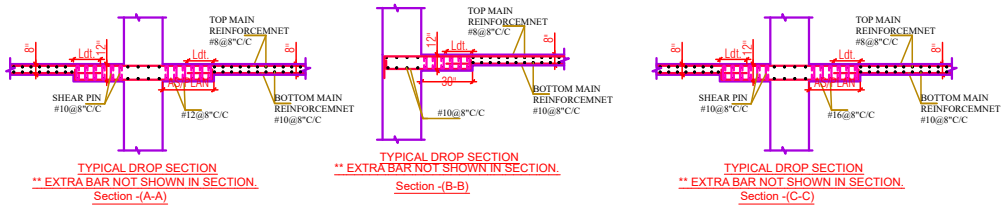
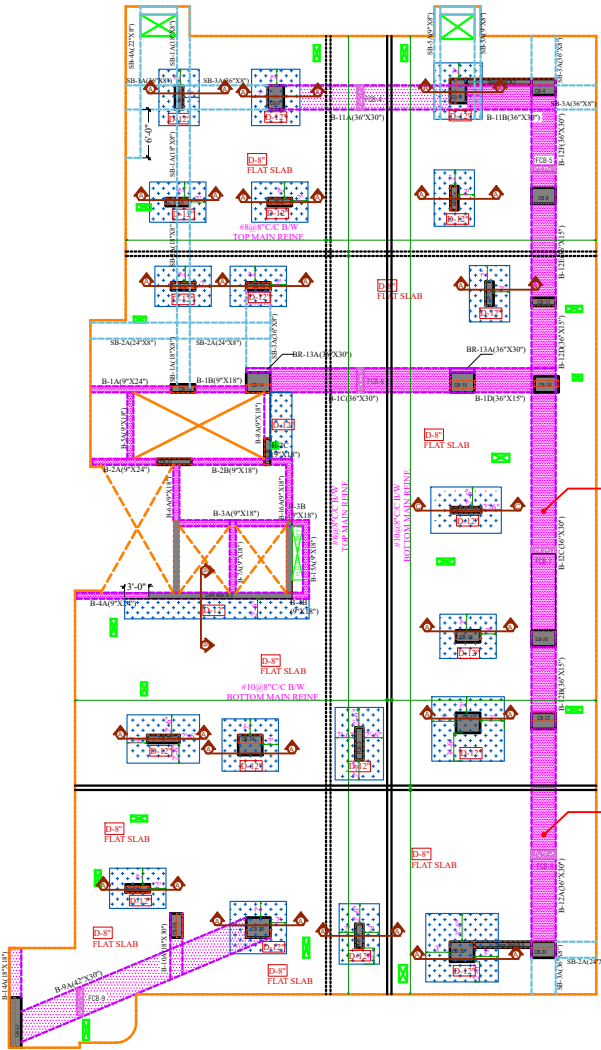
STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	R-2
	CKD. BY	DEEPAK		
DATE	APPROVED BY Mahendra Shekawat			
09-06-2022	PROJECT NO. BC/2021-09			
REVISION:-	FILE MASTER Comp/PARK/STR.			

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

NOTE:
1. GRADE OF CONCRETE SHALL BE M-35.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (B.U.I.C.).
2. DO NOT SCALE ANY DIMENSION, ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONNECTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONG. OF MIX 9-8-8 (1) CEMENT/4 coarse SAND/ 6 GRADED SAND STONE, ADEQUATE OF 40 MM NOMINAL SIZE UNDERMINER ALL SEC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION) BE LAPPED AT JOINT.
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT JOINT.
7. LAP LENGTH FOR JOINT SHALL BE 48 INCHES.
8. FOR R/C ROOF USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (B.U.I.C.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.C.C. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN RES. OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, STAIR AND DRUMS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS 100 TONS PER SQ. METER.
16. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE 1".

NO.	DATE	DESCRIPTION	CHKD.
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SPECIAL NOTES

PROJECT: PLOT NO.16, GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR

ARCHITECT OF RECORD: IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2708227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

GROUND FLOOR ROOF FRAMING PLAN AND BEAM DETAILS (BLISS BLOCK)

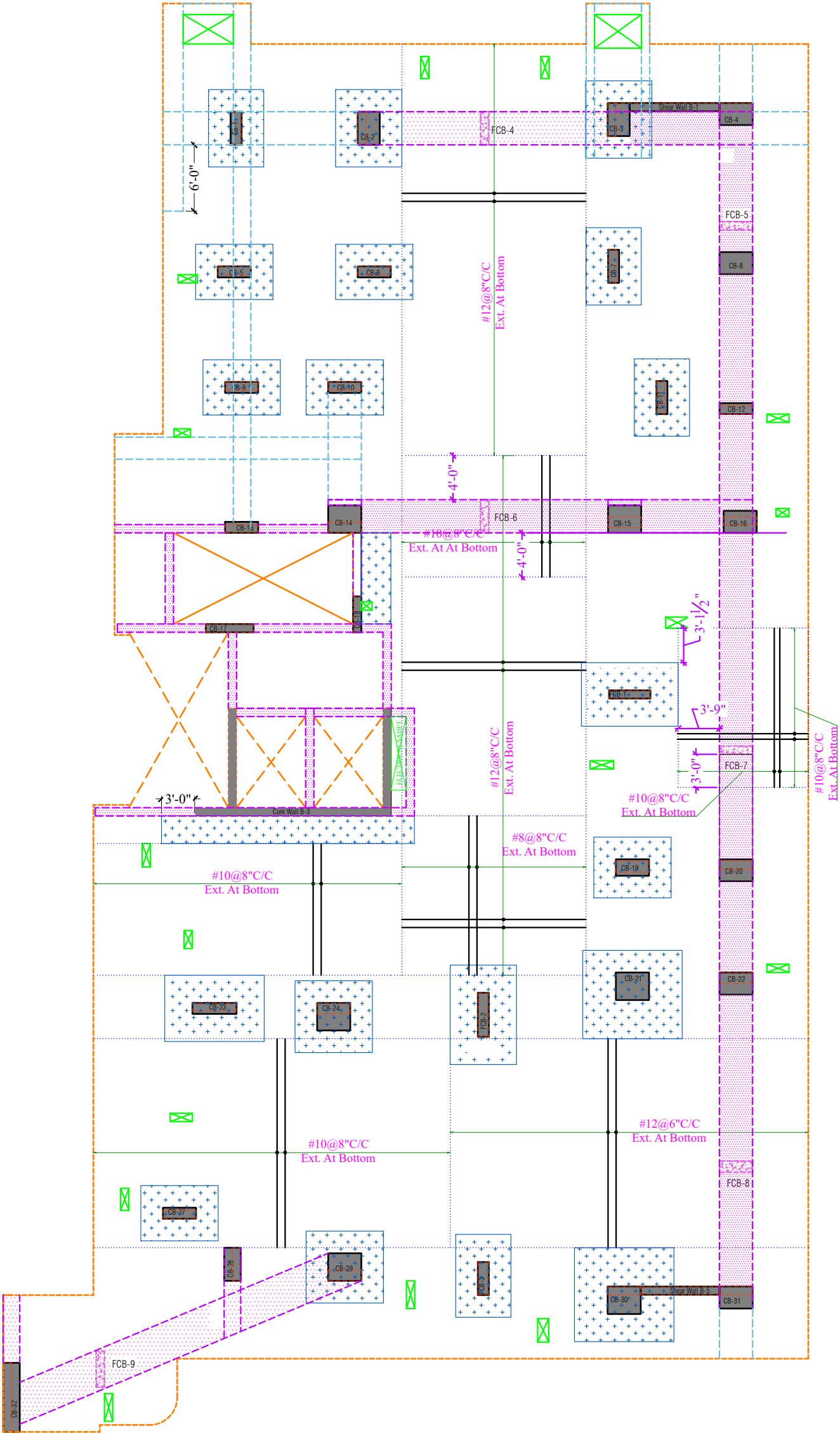
DRG. NO. S-08(Sheet-1)

STATUS: DESIGNED BY: WRENDRA, SCALE: 1/11, REV.NO. GFC, CHKD. BY: DEEPAK

DATE: 26-02-2022, APPROVED BY: Mahendra Shekawat, PROJECT NO. BC/2021-09

REVISION: FILE, MASTER Comp/PARK/STR.

CONSULTANT: BACKBONE STRUCTURAL CONSULTANTS, 24, KARNI NAGAR, JHOTWARA, JAIPUR



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

NOTE:
1. GRADE OF CONCRETE SHALL BE M-35.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
- ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE ϕ IS DIA OF BARS.

CONC.GRADE	Ld/LAP
M-20	57 ϕ
M-25	49 ϕ
M-30	46 ϕ
M-35	41 ϕ
M-40 & ABOVE	36 ϕ

- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
- NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
- ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
- LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
- SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
- 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☒ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

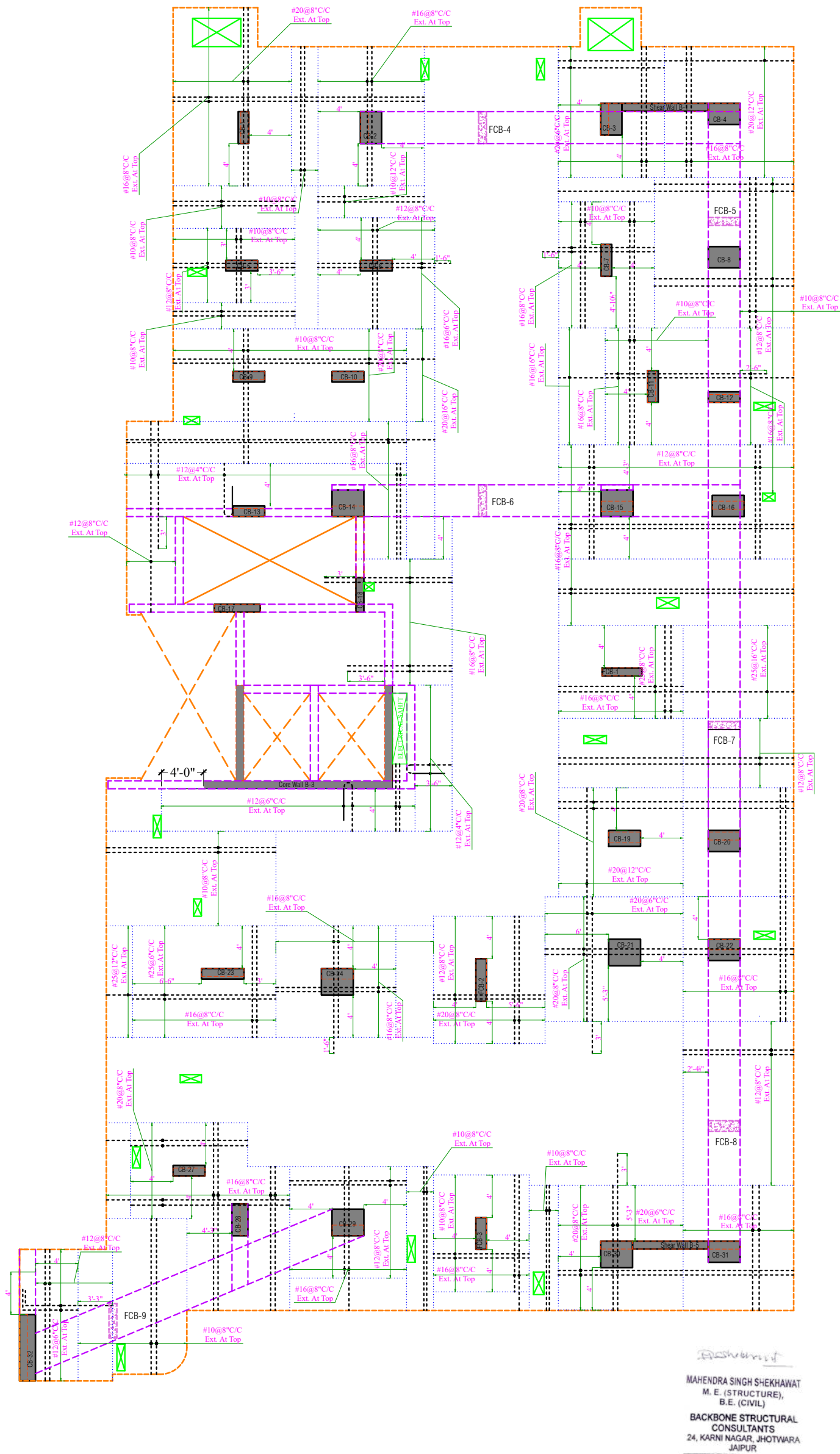
ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**GROUND FLOOR ROOF FLAT SLAB BOTTOM
EXTRA REINFORCEMENT PLAN(BLISS BLOCK)**

DRG. NO.
S-08(Sheet-2)

GFC	STATUS	DRAWN BY VIRENDRA	SCALE 1:1
		DESIGNED BY RAHUL	REV.NO.
		CKD. BY DEEPAK	
	DATE 09-02-2022	APPROVED BY Mahendra Shekawat	
		PROJECT NO. BC/2021-09	
	REVISION:-	FILE MASTER Comp/PARK/STR.	

CONSULTANT
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR



NOTE:

- 1. GRADE OF CONCRETE SHALL BE M-35.
- 2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

- 1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
- 2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMNESIONS.
- 3. GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
- 4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
- 5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
- 6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- 7. LAP LENGTH FOR HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE ϕ IS DIA OF BARS.

CONC.GRADE	Ld/LAP
M-20	57 ϕ
M-25	49 ϕ
M-30	46 ϕ
M-35	41 ϕ
M-40 & ABOVE	36 ϕ

- 8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- 9. GENREAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- 10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
- 11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
- 12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
- 13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- 14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
- 15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
- 16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☒ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

GROUND FLOOR ROOF FLAT SLAB TOP
EXTRA REINFORCEMENT PLAN(BLISS BLOCK)

DRG. NO.

S-08(Sheet-3)

STATUS	DRAWN BY	SCALE
GFC	VIRENDRA	1:1
	DESIGNED BY RAHUL	REV.NO.
	CKD. BY DEEPAK	
DATE	APPROVED BY	Mahendra Shekawat
09-02-2022	PROJECT NO.	BC/2021-09
REVISION:-	FILE	MASTER Comp/PARK/STR.

CONSULTANT

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR



PARK INFINIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
- ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE # IS DIA. OF BARS.

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

- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
- NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
- ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
- LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
- SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
- 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE 1.5"(40 MM.)
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2.3/4"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

FAO

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AC

FOR ADVANCE COPY

GFC

GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**TYPICAL FLOOR ROOF FRAMING PLAN
(BLISS BLOCK)**

DRG. NO.

S-07

STATUS	DRAWN BY	SCALE
	VIRENDRA	1:1

	DESIGNED BY	REV.NO.
GFC	RAHUL	

	CKD. BY
	DEEPAK

DATE	APPROVED BY
10-03-22	Mahendra Shekawat

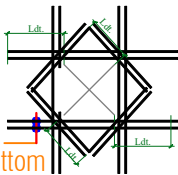
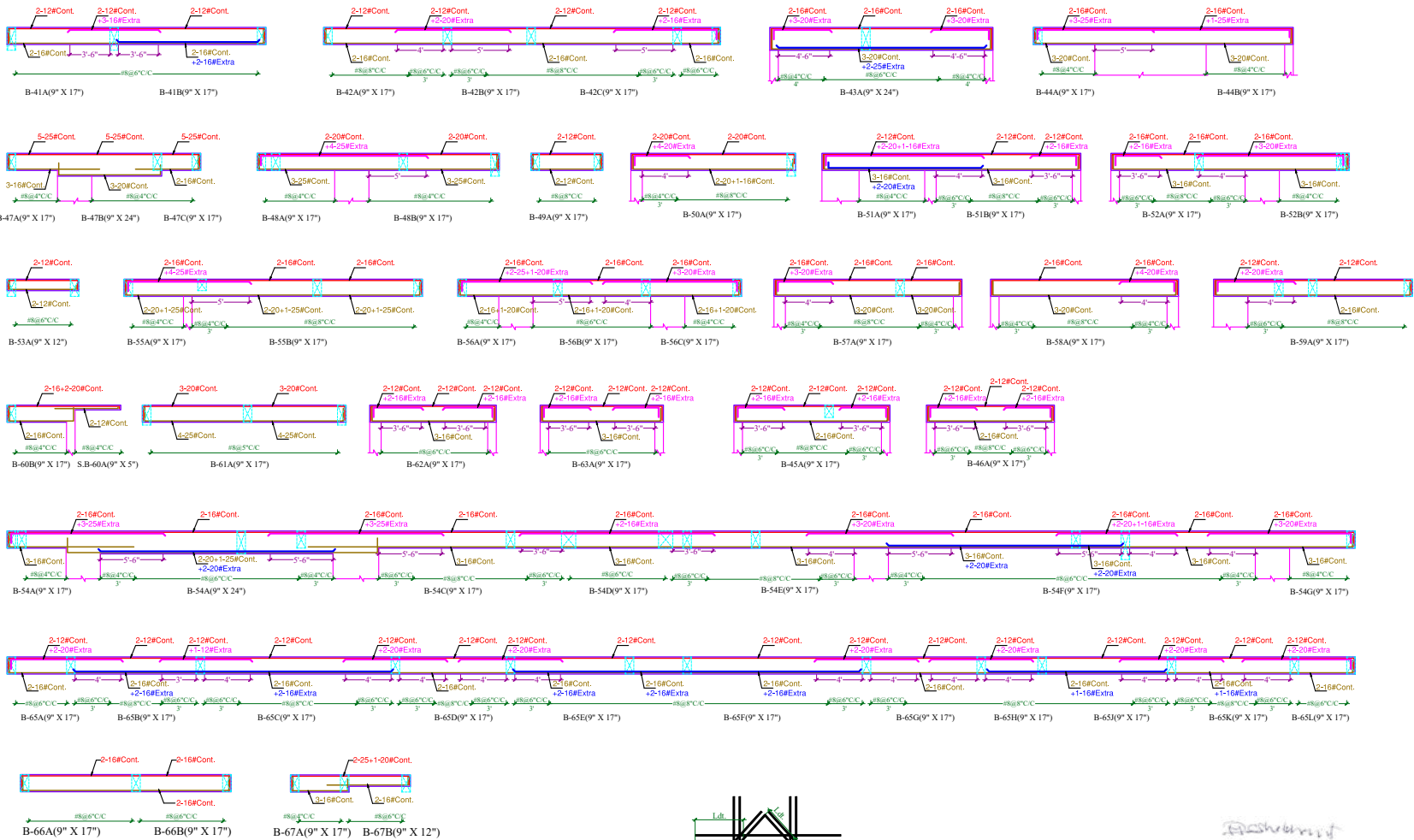
REVISION:-	FILE
	BC/2021-09

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR

NOTE:

- 1. GRADE OF CONCRETE SHALL BE M-30.**
- 2. GRADE OF STEEL SHALL BE FE-500.**



2#12
Top and bottom
(typical)

TYPICAL CUT-OUT DETAIL

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

- NOTE:**
1. GRADE OF CONCRETE SHALL BE M-30.
 2. GRADE OF STEEL SHALL BE FE-500.

PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (F.I.A.).
2. DO NOT SCALE ANY DIMENSION, ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONNECTION WITH THIS DRAWING.
4. PROVIDE 300 MM LEAD COVE OF 100 X 100 (1) CONCRETE CORNER.
5. SAND: 6 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE.
6. UNDERLAY ALL RCC FOOTING.
7. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION).
8. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
9. LAP LENGTH FOR REIN. SHALL BE STAGGERED TO 48" OR 60" AS PER IS 1786 (LATEST REVISION).

NO.	DATE	DESCRIPTION	CHKD.
1	10-03-22	ISSUED FOR TENDER	
2	10-03-22	ISSUED FOR TENDER	
3	10-03-22	ISSUED FOR TENDER	
4	10-03-22	ISSUED FOR TENDER	

10. FOR RCC WORKS USE M16 CONFORMING TO IS 1786 (LATEST REVISION) (I.A.).
11. GENERAL ELEVATION LEVEL FOR FOUNDATION _____ (REFER ELEVATION PLAN).
12. ALL DIMENSIONS SHOWN ON FOUNDATION PLAN EXCLUDES PCC OFFSET.
13. NO DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
14. LOCATION OF LEFT PILE, SAND AND GRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
15. CORRECT LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
16. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS PER TESTING REPORT.
17. IN CASE OF ANY DISCREPANCY IN WORKS TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

REVISION	NO.	DATE	DESCRIPTION
1	1	10-03-22	ISSUED FOR TENDER
2	2	10-03-22	ISSUED FOR TENDER
3	3	10-03-22	ISSUED FOR TENDER
4	4	10-03-22	ISSUED FOR TENDER

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CHKD.
1	10-03-22	ISSUED FOR TENDER	
2	10-03-22	ISSUED FOR TENDER	
3	10-03-22	ISSUED FOR TENDER	

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GFC ☒ GOOD FOR CONSTRUCTION

REVISION

PROJECT:
**PLOT NO.16, GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:
IDEAS
124 HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2705527, 2715377 (email)
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**TYPICAL FLOOR ROOF BEAM DETAIL
(BLISS BLOCK)**

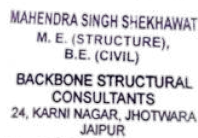
DRG. NO.
S-08(SHEET-2)

STATUS
DESIGNED BY: VIRENDRA SCALE: 1:1
CHKD. BY: DEEPAK REV. NO.

DATE
10-03-22 APPROVED BY: Mahendra Shekawat

REVISION -
FILE: MASTER Comp/PARK/STR.

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**

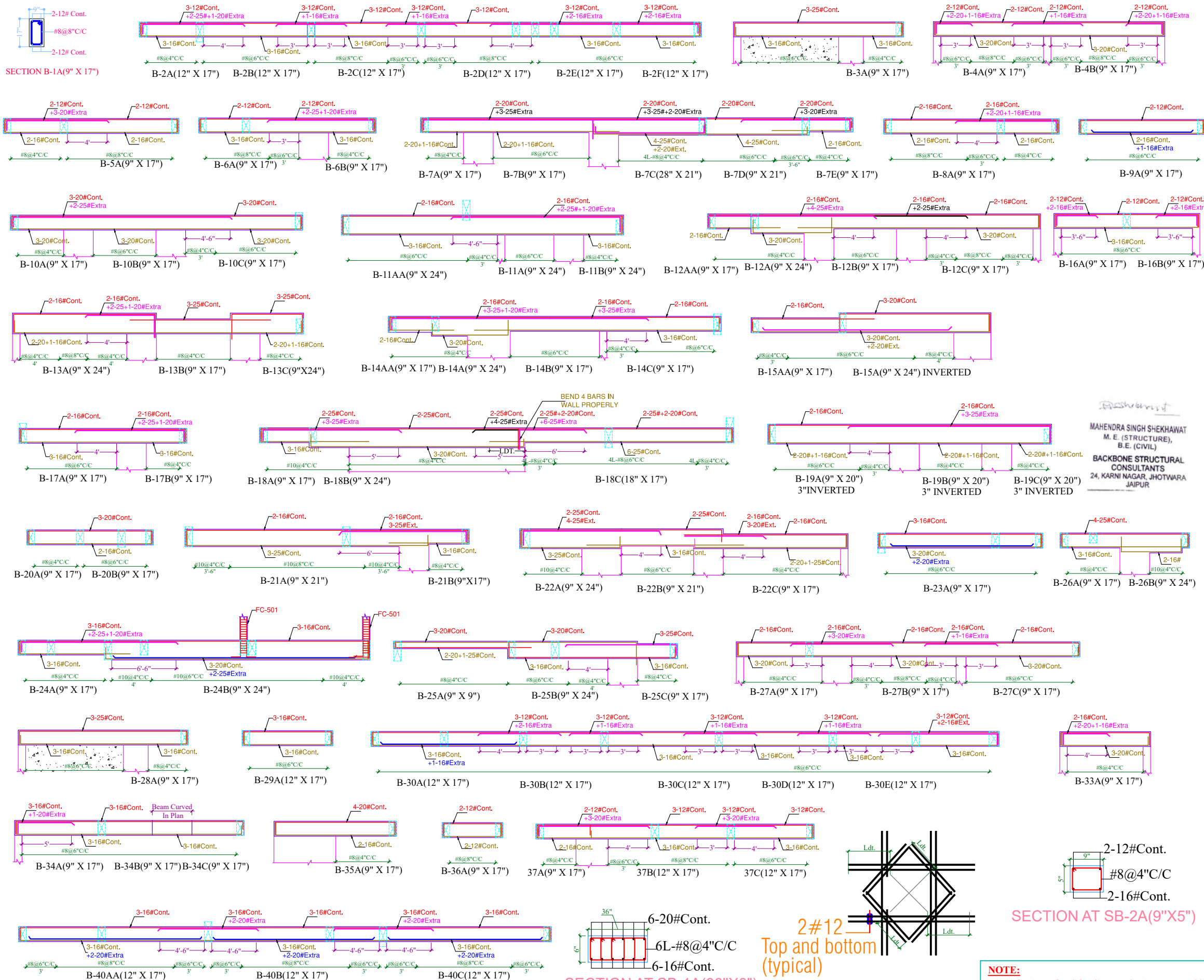


1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

NOTE:

- 1. GRADE OF CONCRETE SHALL BE M-30.**
- 2. GRADE OF STEEL SHALL BE FE-500.**



THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.

NOTES:-

- ALL DIMENSIONS ARE IN FEET/INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONG. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
- ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE ϕ IS DIA. OF BARS.

CONC. GRADE	LAP LAP
M-20	57D
M-25	49D
M-30	46D
M-35	41D
M-40 & ABOVE	36D

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.

11. NO FOUNDATION SHALL BE PLACED ON FOOTED UP EARTH.

12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.

13. LOCATION OF LIFT PIT, SLUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.

14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.

16. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	250MM	250MM	250MM
RETAINING WALL		150MM (EARTH SIDE) 150MM (INSIDE FACE)	
COLUMNS		150MM	
BEAMS, LINTELS	125MM	125MM	125MM
SLAB	30MM	25MM	25MM
WALLS, FLOOR & ROOF SLAB		125MM	
WATER TANK		150MM (EARTH SIDE)	

SPECIAL NOTES

NO.	DATE	DESCRIPTION	OKD

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AC ☐ FOR ADVANCE COPY

GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT: PLOT NO.16, GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR

ARCHITECT OF RECORD: IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: TERRACE FLOOR BEAM DETAILS (BLISS BLOCK)

DRG. NO. S-17 (SHEET-1)

STATUS	DRAWN BY	SCALE	
FAO	VIRENDRA	1:1	
	DESIGNED BY	RAHUL	REV.NO.
	CHK. BY	DEEPAK	

DATE	APPROVED BY
27.01.2023	Mahendra Shekawati

REVISION:- PROJECT NO. BC/2021-09

FILE MASTER Comp/PARK/STR.

CONSULTANT BACKBONE STRUCTURAL CONSULTANTS 24, KARNI NAGAR JHOTWARA, JAIPUR

NOTE:
1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
- ALL R/F SHALL BE TO 500 CONFORMING TO IS 1786 (LATEST REVISION)
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOE WHERE ϕ IS DIA OF BARS.
- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
- NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
- ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
- LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
- SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
- CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	250 MM	250 MM	250 MM
RETAINING WALL			1.5*(40MM) - EARTH SIDE 0.75*(20MM) - INSIDE FACE
COLUMNS			1.5*(40 MM)
BEAMS, LINTELS	1*(25 MM)	1*(25MM)	1*(25MM)
SLAB	3/4*(20MM)	2.5*(15MM)	
WALLS, FLOOR & ROOF SLAB			1*(25MM)
WATER TANK			1.5*(40MM) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CKD

- FAO ☒ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

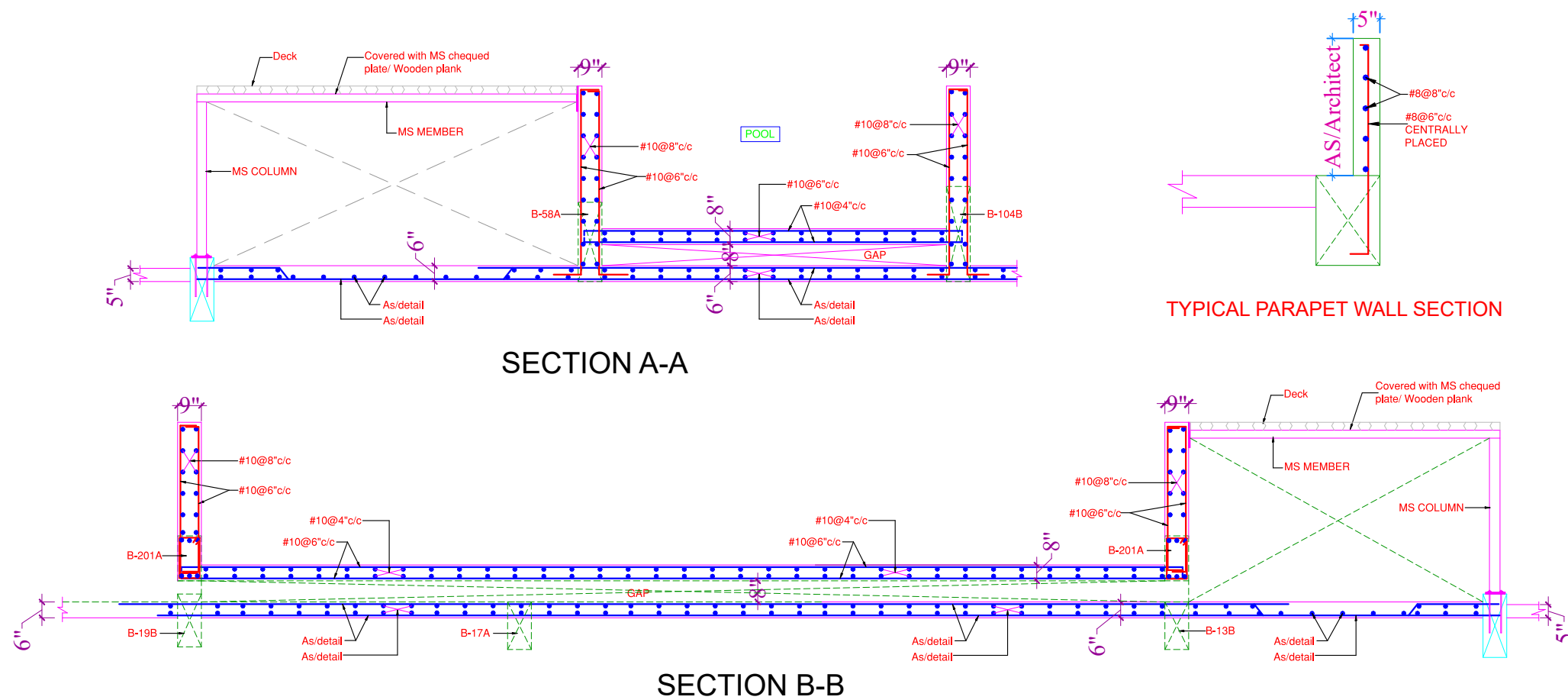
ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**TERRACE FLOOR BEAM DETAILS
(BLISS BLOCK)**

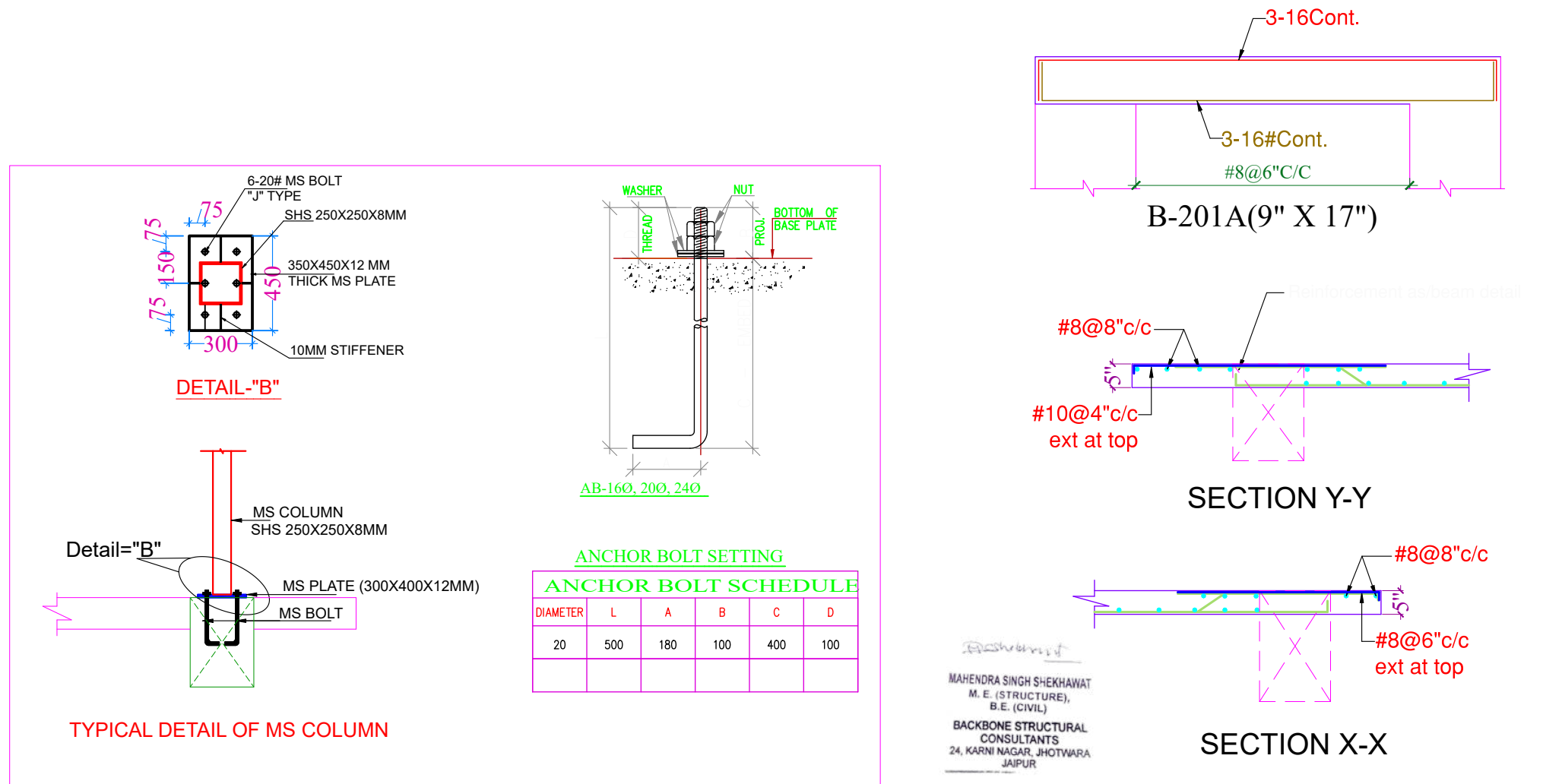
DRG. NO.
S-17 (SHEET-2)

STATUS FAO	DRAWN BY VIRENDRA	SCALE 1:1
	DESIGNED BY RAHUL	REV.NO.
	CKD. BY DEEPAK	
DATE 27.01.2023	APPROVED BY Mahendra Shekawat	
REVISION:-	PROJECT NO. BC/2021-09	
	FILE MASTER Comp/PARK/STR.	

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR



TYPICAL PARAPET WALL SECTION

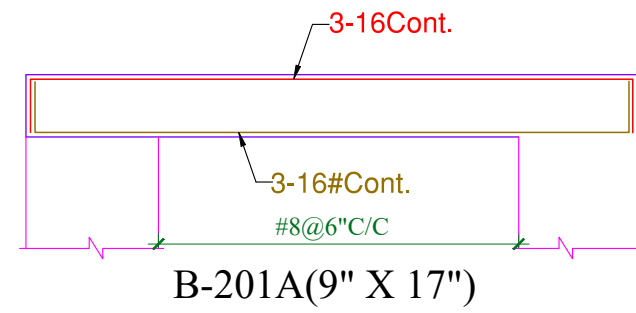


DETAIL-B

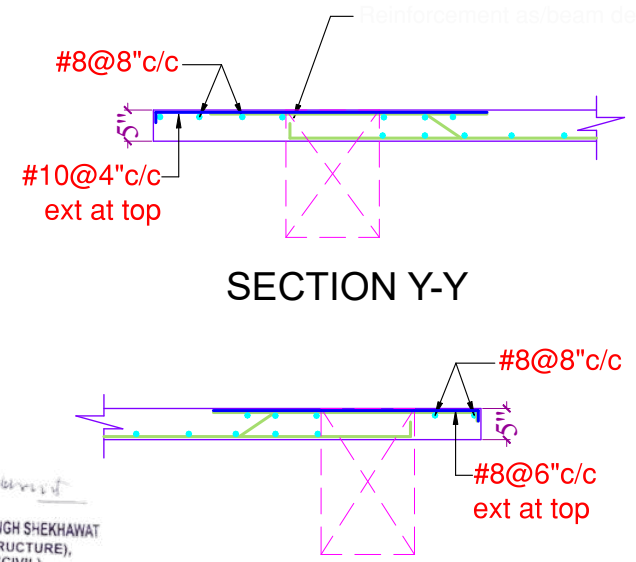
TYPICAL DETAIL OF MS COLUMN

ANCHOR BOLT SCHEDULE

DIAMETER	L	A	B	C	D
20	500	180	100	400	100



SECTION Y-Y



SECTION X-X

PARK INFANIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET/INCHES (U.N.O.).
- DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
- GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
- PROVIDED 100 MM LEAN CONCRETE OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
- ALL R/F SHALL BE TO 500 CONFORMING TO IS 1786 (LATEST REVISION).
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS WHERE ϕ IS DIA. OF BARS.

CONCRETE GRADE	LAP/LAP
M-20	570
M-25	490
M-30	460
M-35	410
M-40 & ABOVE	360

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.C. OFFSET.

11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.

12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.

13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.

14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.

16. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2 1/2" (63.5 MM)	2 1/2" (63.5 MM)	2 1/2" (63.5 MM)
RETAINING WALL			1 1/2" (38.1 MM) - EARTH SIDE 1 1/2" (38.1 MM) - INSIDE FACE
COLUMNS			1 1/2" (38.1 MM)
BEAMS, LINTELS	1 1/2" (38.1 MM)	1 1/2" (38.1 MM)	1 1/2" (38.1 MM)
SLAB	3/4" (19.0 MM)	2 1/2" (63.5 MM)	1 1/2" (38.1 MM)
WALLS, FLOOR & ROOF SLAB			1 1/2" (38.1 MM) - WATER FACE 1 1/2" (38.1 MM) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CHKD

FAO ■ FOR APPROVAL ONLY
AC □ FOR ADVANCE COPY
GFC □ GOOD FOR CONSTRUCTION

REVISION:

PROJECT: **PLOT NO.16. GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR**

ARCHITECT OF RECORD: **IDEAS**
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: **TERRACE FLOOR SECTION DETAIL (BLISS BLOCK)**

DRG. NO. **S-17 (SHEET-3)**

STATUS	DRAWN BY	SCALE
FAO	VIRENDRA	1:1

DESIGNED BY	REV.NO.
RAHUL	

CHKD. BY	APPROVED BY
DEEPAK	Mahendra Shekawat

DATE	PROJECT NO.
27.01.2023	BC/2021-09

REVISION:-	FILE
	MASTER Comp/PARK/STR.

CONSULTANT: **BACKBONE STRUCTURAL CONSULTANTS**
24, KARNI NAGAR JHOTWARA, JAIPUR

Reinforcement details for beam B-3A(21"X24") showing top and bottom views with various reinforcement bars and dimensions.

Top View:

- Overall length: 12'0"
- Reinforcement bars: 3-25# Cont. (top), 3-16# Cont. (middle), 3-25# Cont. (bottom)
- Spacing: #8@4"C/C
- Dimensions: B-1A(9"X24"), B-1B(9"X24"), B-1C(9"X24")

Bottom View:

- Overall length: 12'0"
- Reinforcement bars: 4-20# Cont. (top), 4-20# Cont. (middle), 4-20# Cont. (bottom)
- Spacing: #8@4"C/C
- Dimensions: 4'0", 4'0", 4'0"
- Reinforcement bars: 4L-#8@4"C/C, 4L-#8@6"C/C, 4L-#8@4"C/C
- Dimensions: 4'0", 4'0", 4'0"
- Reinforcement bars: 4-20# Cont. (top), 4-20# Cont. (middle), 4-20# Cont. (bottom)
- Spacing: #8@4"C/C
- Dimensions: B-3A(21"X24")

3-16# Cont.
+20Extra

3-16# Cont.

3-20# Cont.

4"

3-20# Cont.

#8@4" C/C

#8@4" C/C

4"

B-5A(9"X24")

SECTION AT SB-8A(16"X8")

Diagram showing a cross-section of a concrete slab with a lift hook. The slab is 16" wide and 8" high. The reinforcement consists of 4L-#8 bars at 4" center-to-center (C/C) spacing, with 4-16# bars continuing above and below. The lift hook is shown on the left side. The diagram also shows a detail of the lift hook connection, with a 9" vertical dimension and a 24" horizontal dimension. The reinforcement is labeled as #10@8"C/C".

WATER TANK TOP PLAN

Side Elevation: 10'0" @ 4°C/C, 2-12 U BAR, 4-25 #Cont., 3-20 #Cont., B-2A(9'X24'')

Plan View: 10'0" @ 4°C/C, 3-20 #Cont., 2-16 #Cont. + 2-16 Extra, 3-20 #Cont., 10'0" @ 4°C/C, B-2B(9'X24'')

3-16# Cont.

2-16# Cont.

2-16# Cont.

2-16# Cont.

3'-6"

#8@6" C/C

B-6A(9"X18")

Figure 1 shows the reinforcement details for the bridge deck. The left diagram illustrates the cross-section of the deck with dimensions: 2-16# Cont., +1-16 Extra, 2-16# Cont., 3'-6", 2-16# Cont., #8@6" C/C, and B-8A(9"X18"). The right diagram illustrates the cross-section of the deck with dimensions: 9", WATER SIDE, #10@8" C/C, #10@5" C/C, 24", and 9".

Diagram showing the reinforcement details for the vertical wall of the water tank. The wall is 24' high and 12'-9" thick. The reinforcement includes #10@8"C/C for the vertical bars and #10@5"C/C for the horizontal bars. The wall is shown in cross-section with the water side on the left. The reinforcement is shown in green and red. The wall is labeled "WATER SIDE".

SEC. AT (1-1)

SEC. AT (3-3)

CUT-OUT DETAIL

CONC.GRADE	Lbs/LAP
M-20	57Ø
M-25	49Ø
M-30	46Ø
M-35	41Ø
M-40 & ABOVE	36Ø

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2 ϕ (50 MM.)	2 ϕ (50 MM.)	2 ϕ (50 MM.)
RETAINING WALL			1.5 ϕ (40MM.) - EARTH SIDE 0.75 ϕ (20MM.) - INSIDE FACE
COLUMNS			1.5 ϕ (40 MM.)
BEAMS, LINTELS	1 ϕ (25 MM.)	1 ϕ (25MM.)	1 ϕ (25MM.)
SLAB	3/4 ϕ (20MM.)	2/7 ϕ (15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1 ϕ (25MM.) - WATER FACE 1.5 ϕ (40MM.) - EARTH SIDE

1. MIX OF CONCRETE FOR SHALL BE **M-30**.
2. GRID LINE SHALL BE FOLLOW AS PER ARCHITECTURAL DRAWING
4. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9", 4 FOR 12", 6 FOR 18", 8 FOR 24", 10 FOR 30" WIDE BEAM.
5. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"
6. PROVIDE 2#12 AT TOP & BOTTOM AT CUTOUT.
7. FOLLOW GENERAL NOTES DRAWING FOR DETAILING.
8. FOLLOW WRITTEN DIMENSION ONLY.
9. SUNK SHALL BE AS PER ARCH DRAWING.
10. DOWELS SHALL BE LEFT FOR STAIR CASE.
11. STEEL GRADE SHALL BE **Fe-500**.

FAO	■ FOR APPROVAL ONLY
AC	□ FOR ADVANCE COPY
GFC	□ GOOD FOR CONSTRUCTION

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

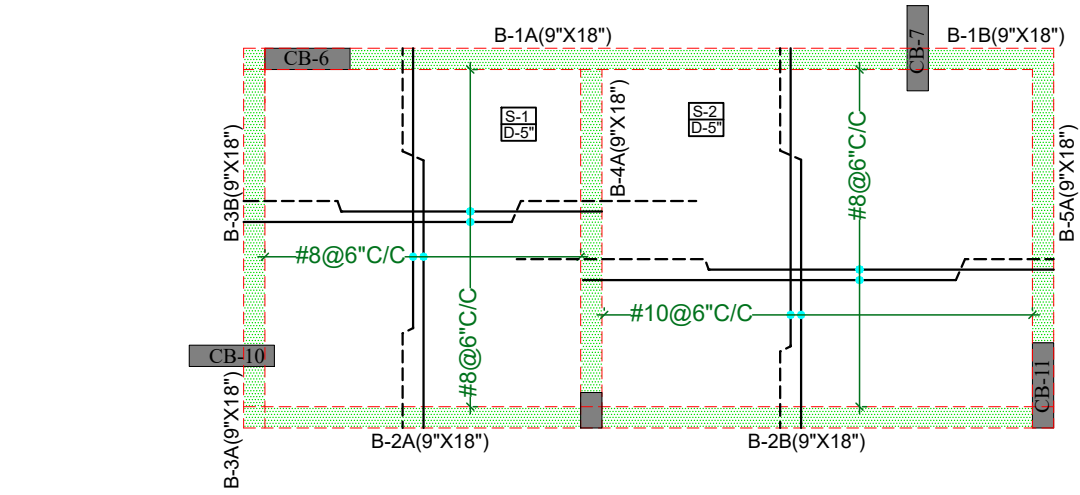
MACHINE ROOM & OH WATER TANK
DETAIL BLISS BLOCK

STATUS	DRAWN BY
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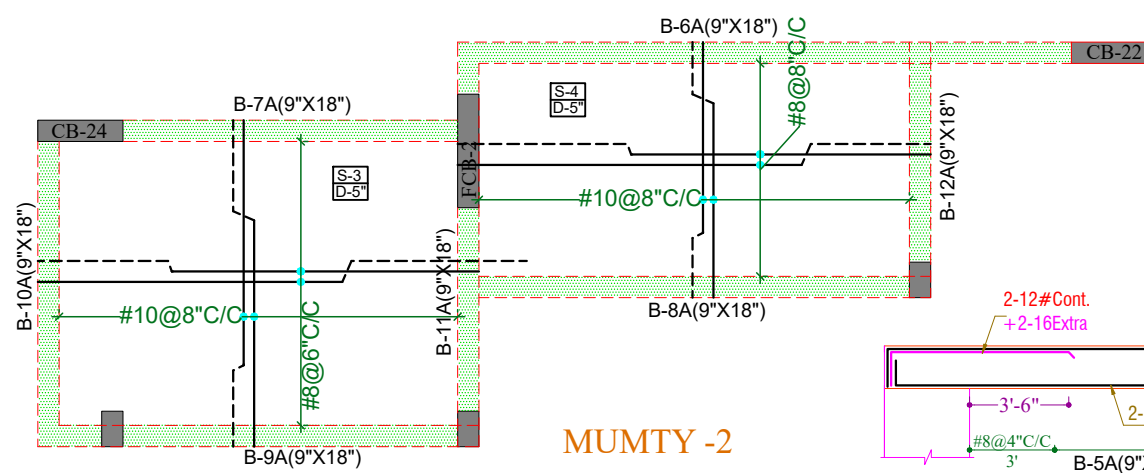
GFC	DESIGNED BY RAHUL
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DATE 20-04-23	APPROVED BY Mahendra Shekawat
REVISION: -	PROJECT NO. BC/2021-09
	FILE MASTER Comp/PARK/STR.

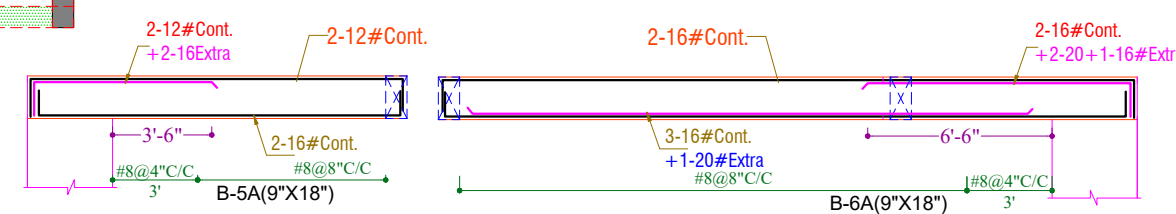
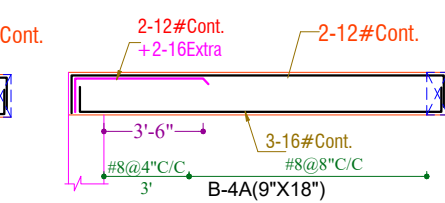
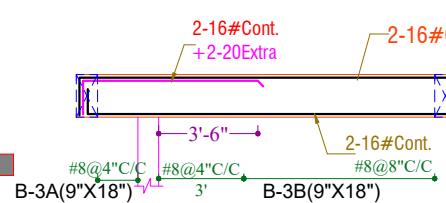
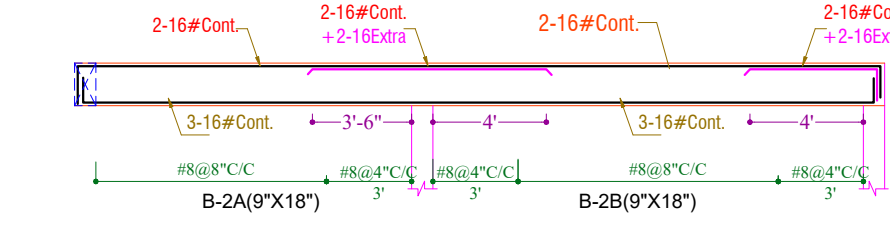
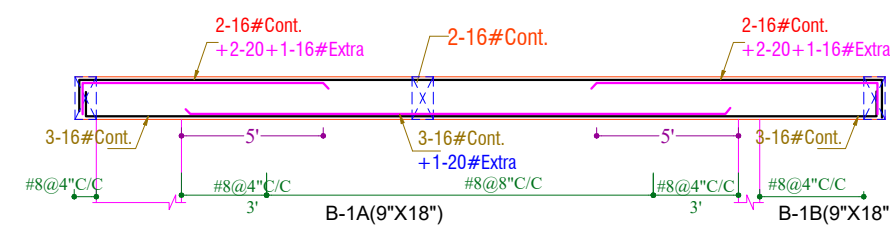
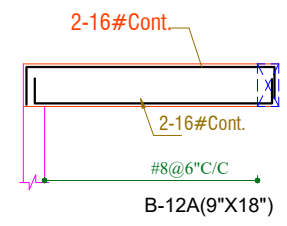
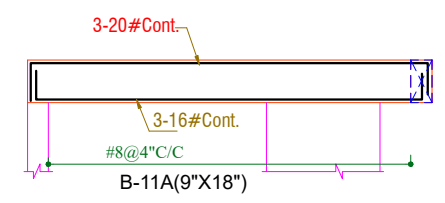
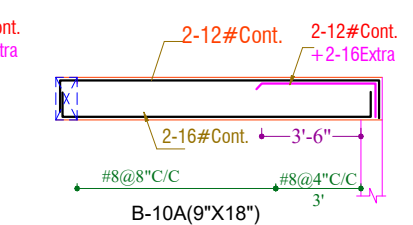
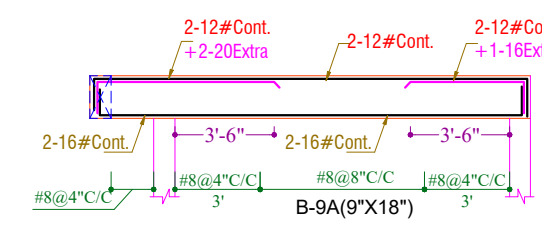
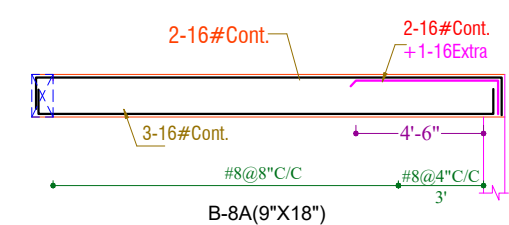
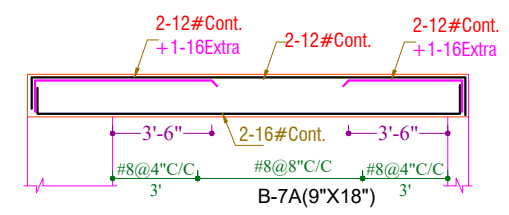
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR



MUMTY -1



MUMTY -2



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA,
JAIPUR

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (U.L.O.).

2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.

3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.

4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.

5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)

6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.

7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE # IS DIA. OF BARS.

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

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.L.O.)

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES POC. OFFSET.

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14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.

16. 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			1.5"(38MM.) - EARTH SIDE 0.75"(19MM.) - BRICK FACE
COLUMNS			1.25"(32 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2"(51MM.)	
WALLS, FLOOR & ROOF SLAB OR WATER TANK.			1"(25MM.) - WATER FACE 2"(49MM.) - EARTH SIDE

SPECIAL NOTES

NOTE

1. MIX OF CONCRETE FOR SHALL BE M-30.

2. GRID LINE SHALL BE FOLLOW AS PER ARCHITECTURAL DRAWING

3. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9", 4 FOR 12" & 4 FOR 18" & 5 FOR 24" & 6 FOR 30" WIDE BEAM.

5. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

6. PROVIDE 2-#12 AT TOP & BOTTOM AT CUTOUT.

7. FOLLOW GENERAL NOTES DRAWING FOR DETAILING.

8. FOLLOW WRITTEN DIMENSION ONLY.

9. SUNK SHALL BE AS PER ARCH. DRAWING.

10. DOWELS SHALL BE LEFT FOR STAIR CASE.

11. STEEL GRADE SHALL BE Fe-500.

NO.	DATE	DESCRIPTION	CHKD

FAO

AC

GFC

FOR APPROVAL ONLY

FOR ADVANCE COPY

GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

MUMTY DETAIL
BLISS BLOCK

DRG. NO.

SB-M1

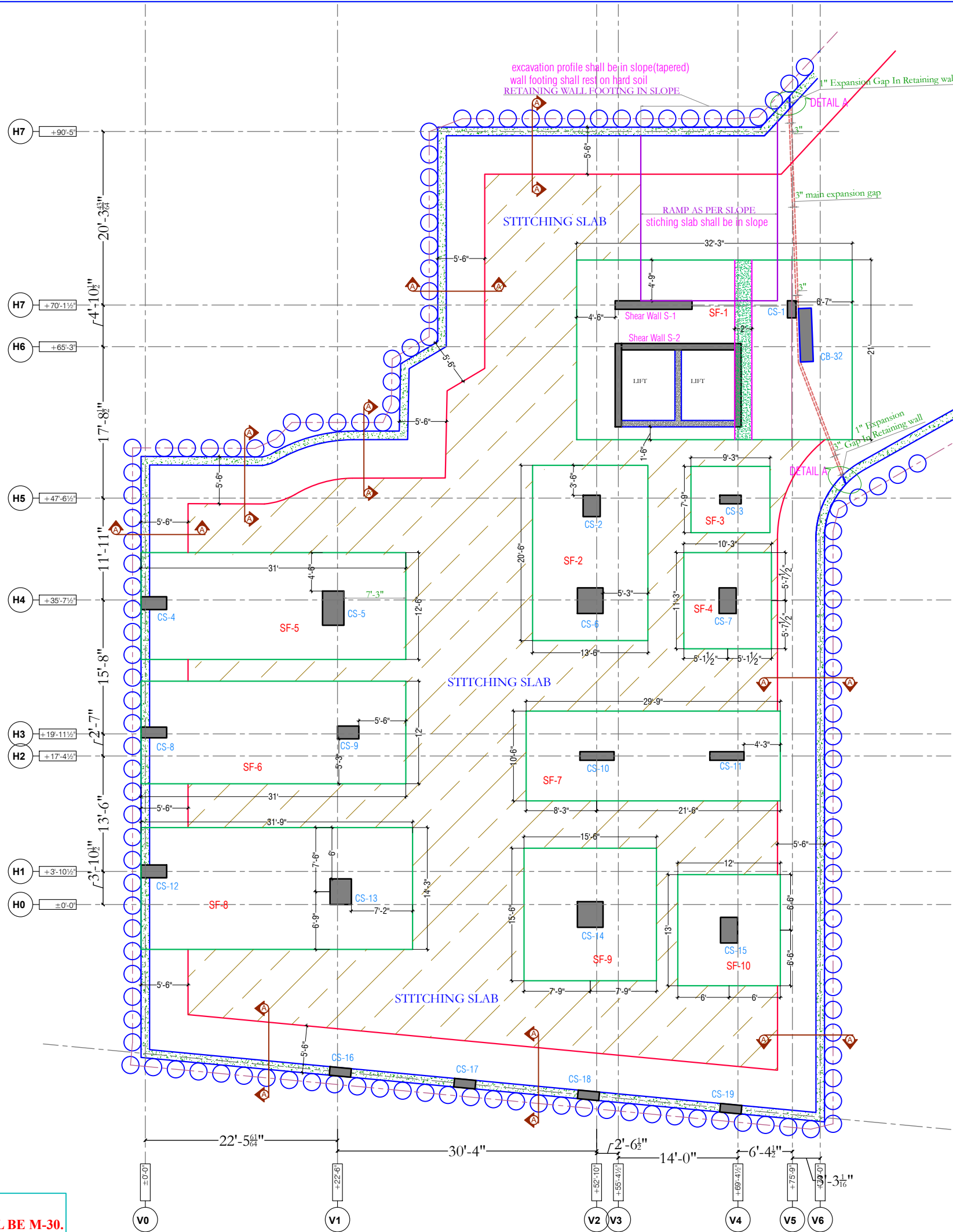
STATUS	DRAWN BY	SCALE
GFC	VIRENDRA	1:1
	RAHUL	REV.NO.
	DEEPAK	

DATE	APPROVED BY
20-04-23	Mahendra Shekawat

REVISION:-	FILE
	BC/2021-09
	MASTER Comp/PARK/STR.

CONSULTANT

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR



NOTE:
1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

NOTES:-

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- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS WHERE ϕ IS DIA OF BARS.

CONCRETE GRADE	LAP/LAP
M-20	570
M-25	490
M-30	460
M-35	410
M-40 & ABOVE	360

- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
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- 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			1.5"(40MM) - EARTH SIDE 0.75"(20MM) - INSIDE FACE
COLUMNS			1.5"(40 MM)
BEAMS, LINTELS	1"(25 MM)	1"(25MM)	1"(25MM)
SLAB	3/4"(20MM)	2"(50MM)	1"(25MM)
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1"(25MM) - WATER FACE 1.5"(40MM) - EARTH SIDE

SPECIAL NOTES

- IN WATER LOGGED AREA WATER TABLE SHALL BE LOWERED AT LEAST 1000MM TO 1500MM BELOW EXCAVATION LEVEL.
- DEWATERING SHALL BE CONTINUED TILL THE CASTING OF SECOND
- BACKFILLING IN BASEMENT SHALL BE DONE IMMEDIATELY AFTER CASTING OF FOUNDATION. FLOOR LVL.
- ON EXTENDED BASEMENT, EARTH FILLING SHALL BE DONE IMMEDIATELY AFTER DESHUTTERING OF EXTENDED BASEMENT SLAB.
- ALL LOOSE BOULDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.
- STICHING SLAB CONNECTED WITH RETAINING WALL SHALL BE TIED WITH ADJACENT FOOTING PROPERLY PRIOR TO REMOVAL OF GROUND PILE ANCHOR.
- AT LEVEL DIFFERENCE PROVIDE PLUMB CONCRETE SHALL BE PROVIDED AS PER REQUIREMENT.
- STICHING SLAB SHALL BE PLACED ON WELL COMPACTED EARTH.

NO.	DATE	DESCRIPTION	CKD

- FAO ☒ FOR APPROVAL ONLY
AC ☐ FOR ADVANCE COPY
GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**FOOTING LAYOUT PLAN
(SOUL BLOCK)**

DRG. NO.
SS-01

STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	
	CKD. BY	DEEPAK		

DATE	APPROVED BY	Mahendra Shekawat
09-10-21	PROJECT NO.	BC/2021-09
REVISION:-	FILE	MASTER Comp/PARK/STR.

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR

PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION).
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH REFORMED BARS SHALL BE AS FOLLOWS WHERE ϕ IS DIA. OF BARS.

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

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM) - EARTH SIDE 0.75"(20MM) - INSIDE FACE
COLUMNS			1.5"(40 MM)
BEAMS, LINTELS	1"(25 MM)	1"(25MM)	1"(25MM)
SLAB	3/4"(20MM)	2"(50 MM)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1"(25MM) - WATER FACE 1.5"(40MM) - EARTH SIDE

SPECIAL NOTES

- A. IN WATER LOGGED AREA WATER TABLE SHALL BE LOWERED AT LEAST 100MM TO 150MM BELOW EXCAVATION LEVEL.
- B. DEWATERING SHALL BE CONTINUED TILL THE CASTING OF SECOND.
- C. BACKFILLING IN BASEMENT SHALL BE DONE IMMEDIATELY AFTER CASTING OF FOUNDATION.
- D. ON EXTENDED BASEMENT, EARTH FILLING SHALL BE DONE IMMEDIATELY AFTER DESHUTTERING OF EXTENDED BASEMENT SLAB.
- E. ALL LOOSE BOULDERS SHOULD BE FULLY REMOVED, BEFORE PLACEMENT OF P.C.C. BED.
- F. STITCHING SLAB CONNECTED WITH RETAINING WALL SHALL BE TIED WITH ADJACENT FOOTING PROPERLY PRIOR TO REMOVAL OF GROUND PILE ANCHOR.
- G. AT LEVEL DIFFERENCE PROVIDE PLUMB CONCRETE SHALL BE PROVIDED AS PER REQUIREMENT.
- H. STITCHING SLAB SHALL BE PLACED ON WELL COMPACTED EARTH.

NO.	DATE	DESCRIPTION	CKD

FAO ☒ FOR APPROVAL ONLY

AC ☐ FOR ADVANCE COPY

GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**FOOTING DETAIL
(SOUL BLOCK)**

DRG. NO.
SS-02

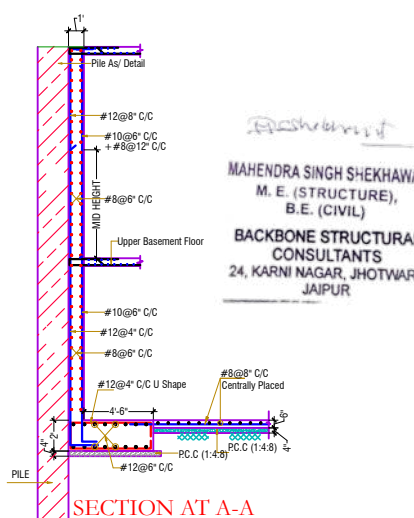
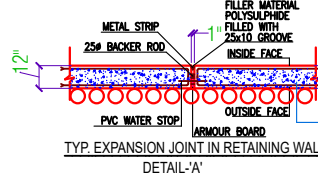
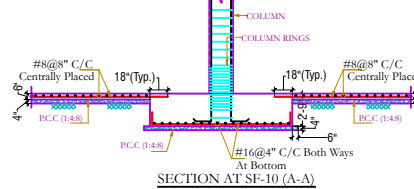
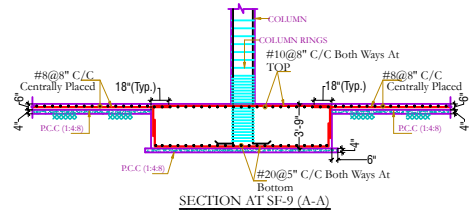
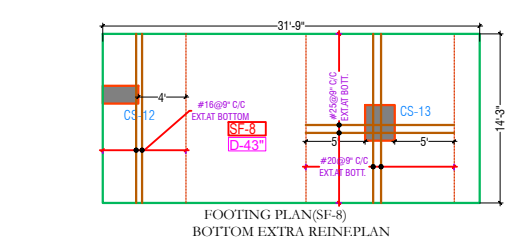
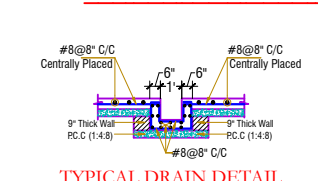
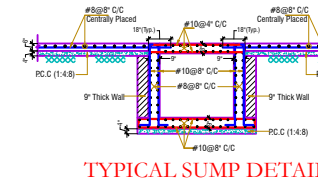
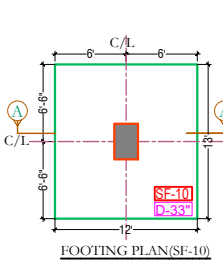
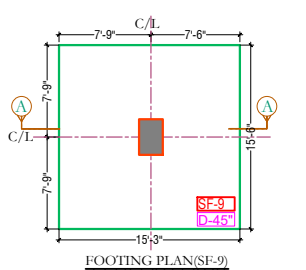
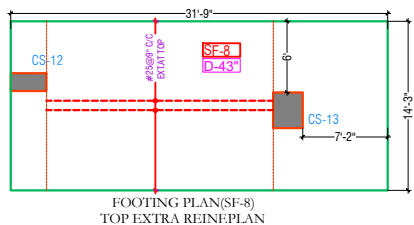
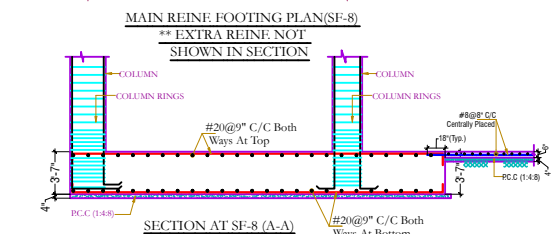
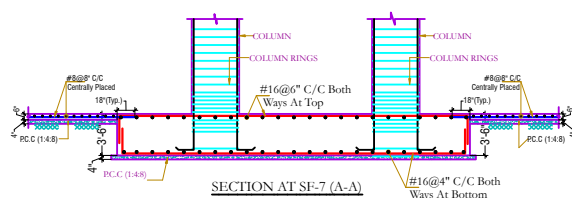
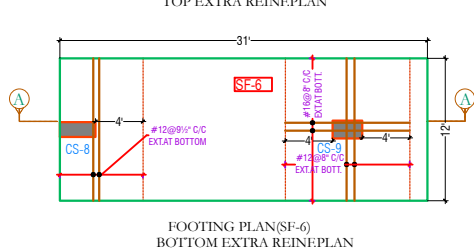
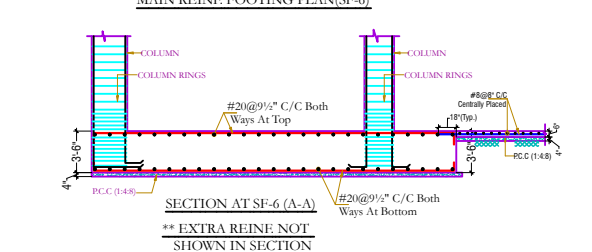
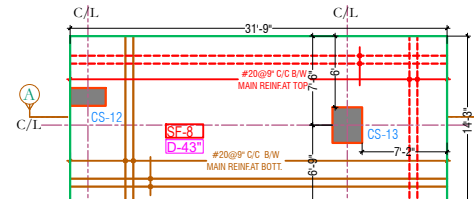
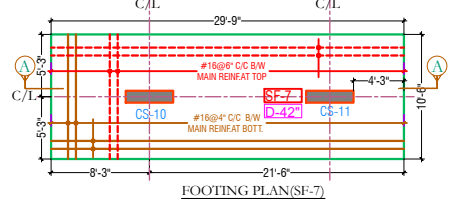
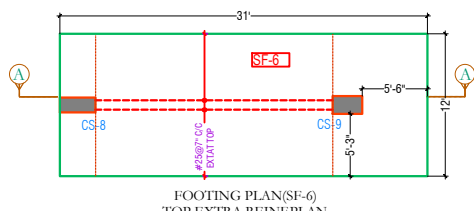
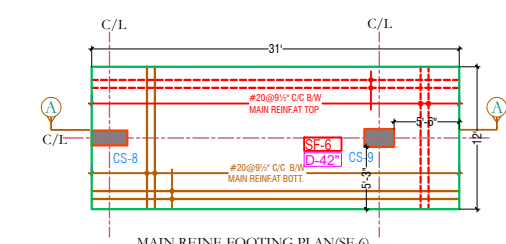
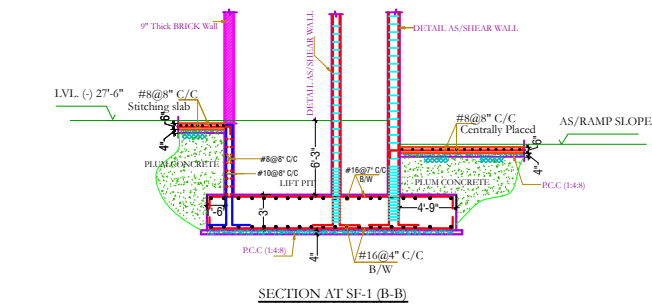
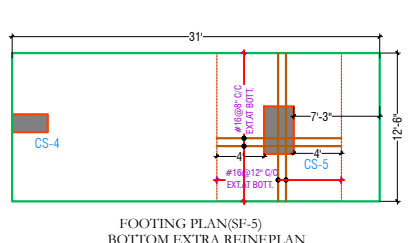
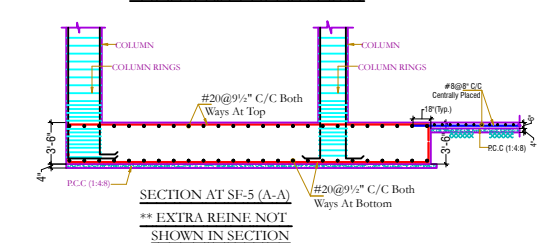
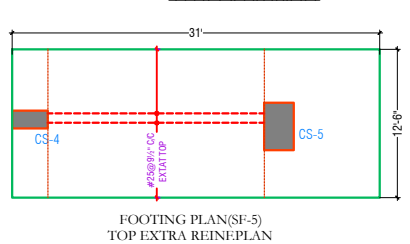
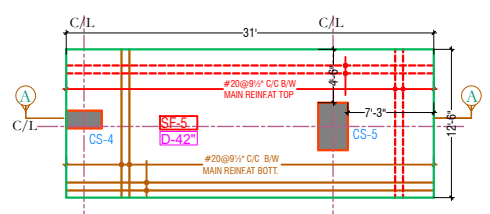
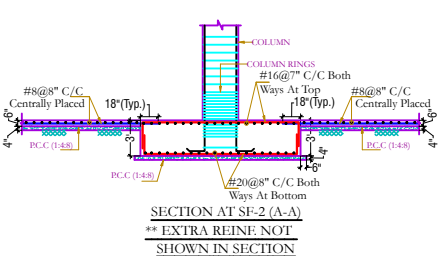
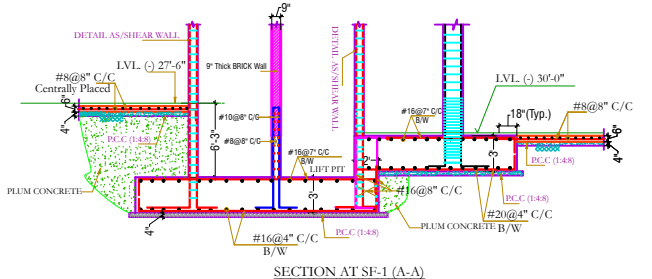
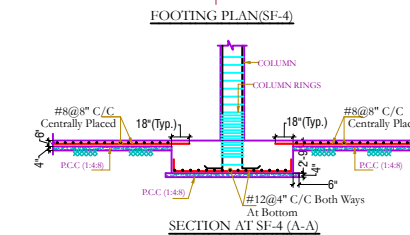
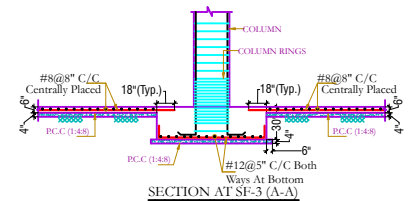
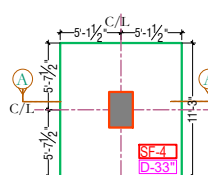
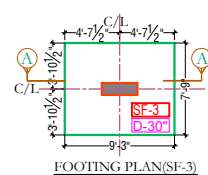
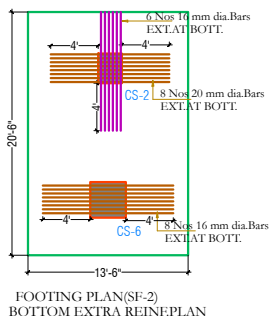
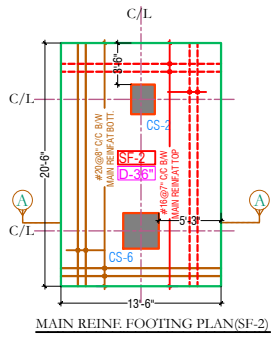
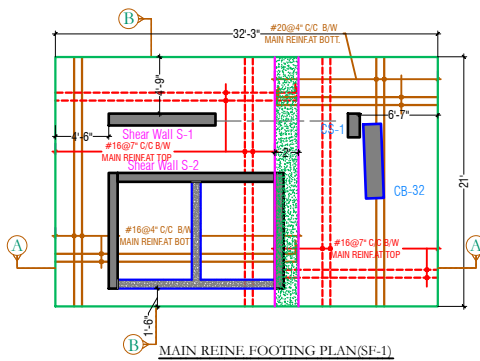
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	DESIGNED BY RAHUL	REV.NO.
	CKD. BY DEEPAK	

DATE 09-10-21	APPROVED BY Mahendra Shekawat
REVISION:- FILE	PROJECT NO. BC/2021-09

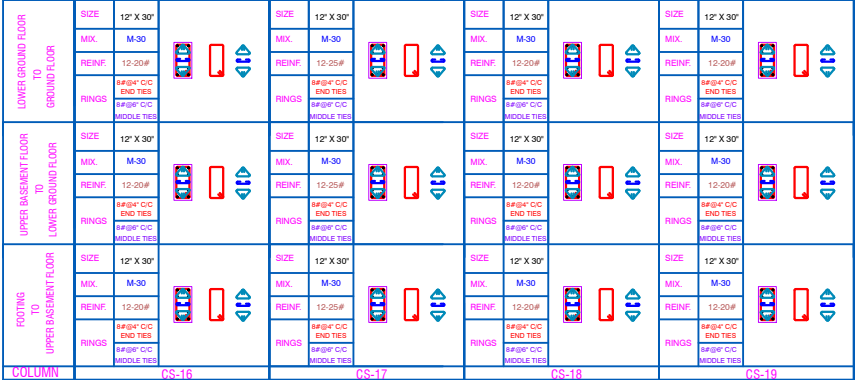
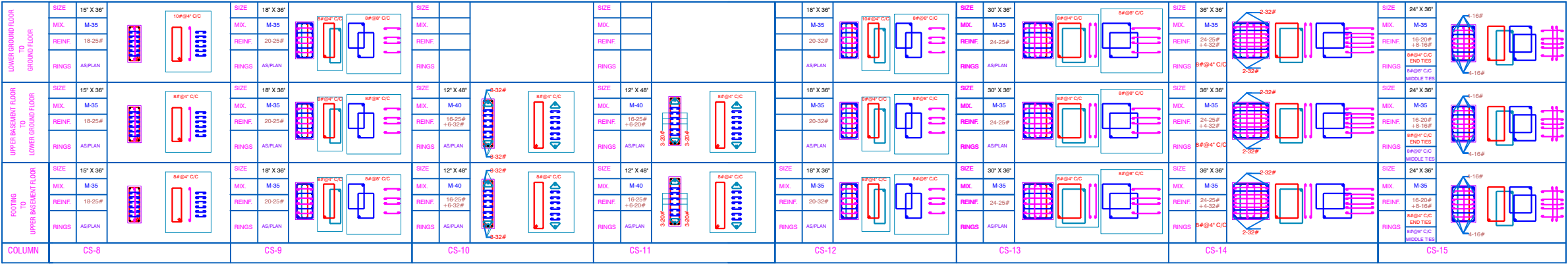
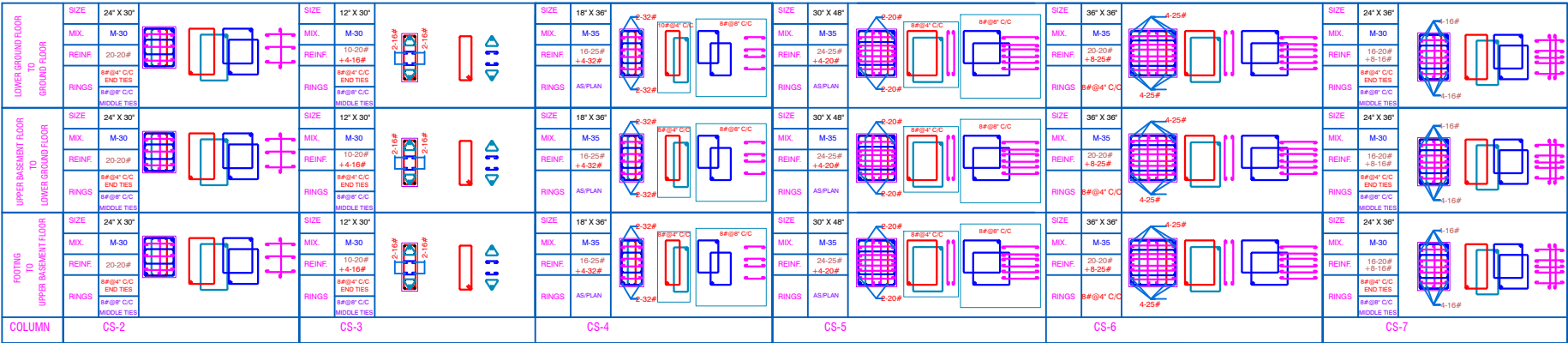
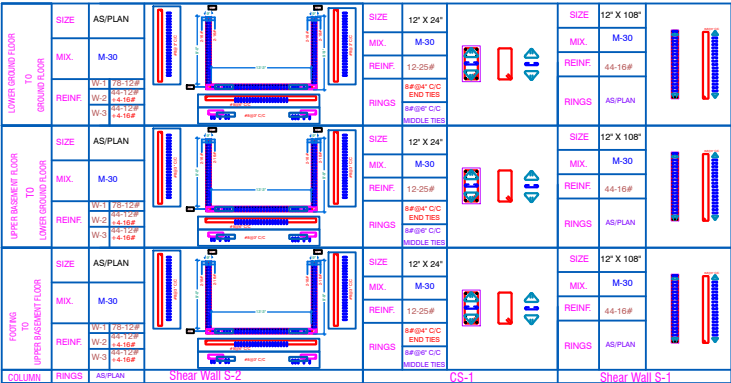
CONSULTANT
MASTER Comp/PARK/STR.

**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.



TYP RETAINING WALL SECTION
*stitching slab shall be properly tied with other - footings prior to removing ground anchors of pile.



NOTE: GRADE OF STEEL SHALL BE FE 500 FROM PRIMARY PRODUCERS ONLY.

PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW WHERE # IS DIA. OF BARS.

CONC.GRADE	LAP/LAP
M-20	57D
M-25	49D
M-30	46D
M-35	41D
M-30 & ABOVE	36D

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SLUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	3/4"(16MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

SPECIAL NOTES

NO.	DATE	DESCRIPTION	CHK

- FAO ☒ FOR APPROVAL ONLY
- AC ☐ FOR ADVANCE COPY
- GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR

ARCHITECT OF RECORD:

IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

COLUMN/SHEAR WALL DETAIL
(SOUL TOWER)

DRG. NO.

SS-01A (SHEET -1)

STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
FAO	DESIGNED BY	RAHUL	REV.NO.	
	OKD. BY	DEEPAK		

DATE	APPROVED BY	Mahendra Shekawot
10-10-21	PROJECT NO.	BC/2021-09

REVISION:-	FILE	MASTER Comp/PARK/STR.
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CONSULTANT

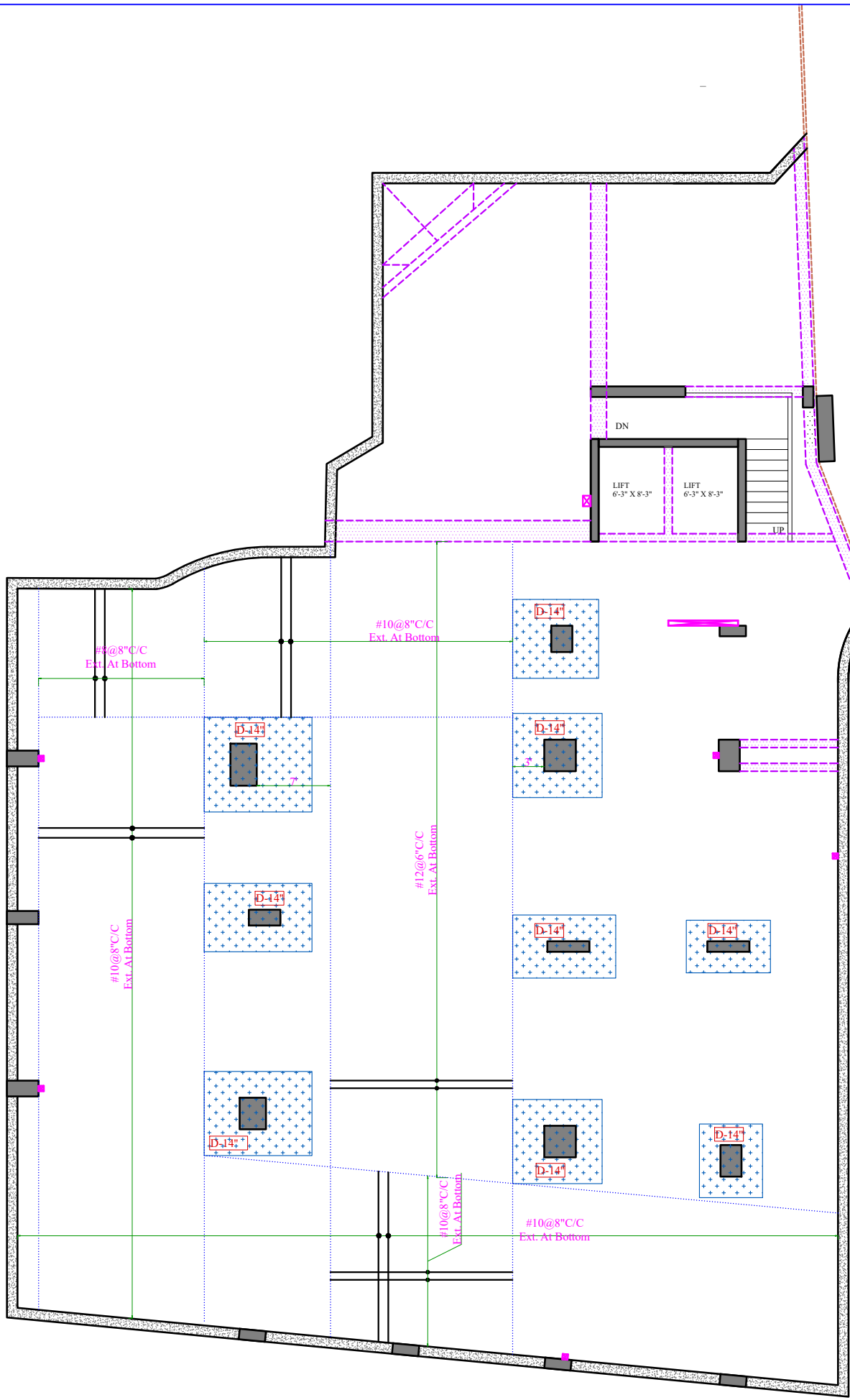
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR



BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

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MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

NOTE:

1. GRADE OF CONCRETE SHALL BE M-35.
2. GRADE OF STEEL SHALL BE FE-500.

PARK INFANIA

NOTES:-

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CONC.GRADE	Ld/LAP
M-20	57 ϕ
M-25	49 ϕ
M-30	46 ϕ
M-35	41 ϕ
M-40 & ABOVE	36 ϕ

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9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
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COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
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REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**LOWER BASEMENT FLAT
SLAB BOTTOM EXTRA REINFORCEMENT PLAN
(SOUL BLOCK)**

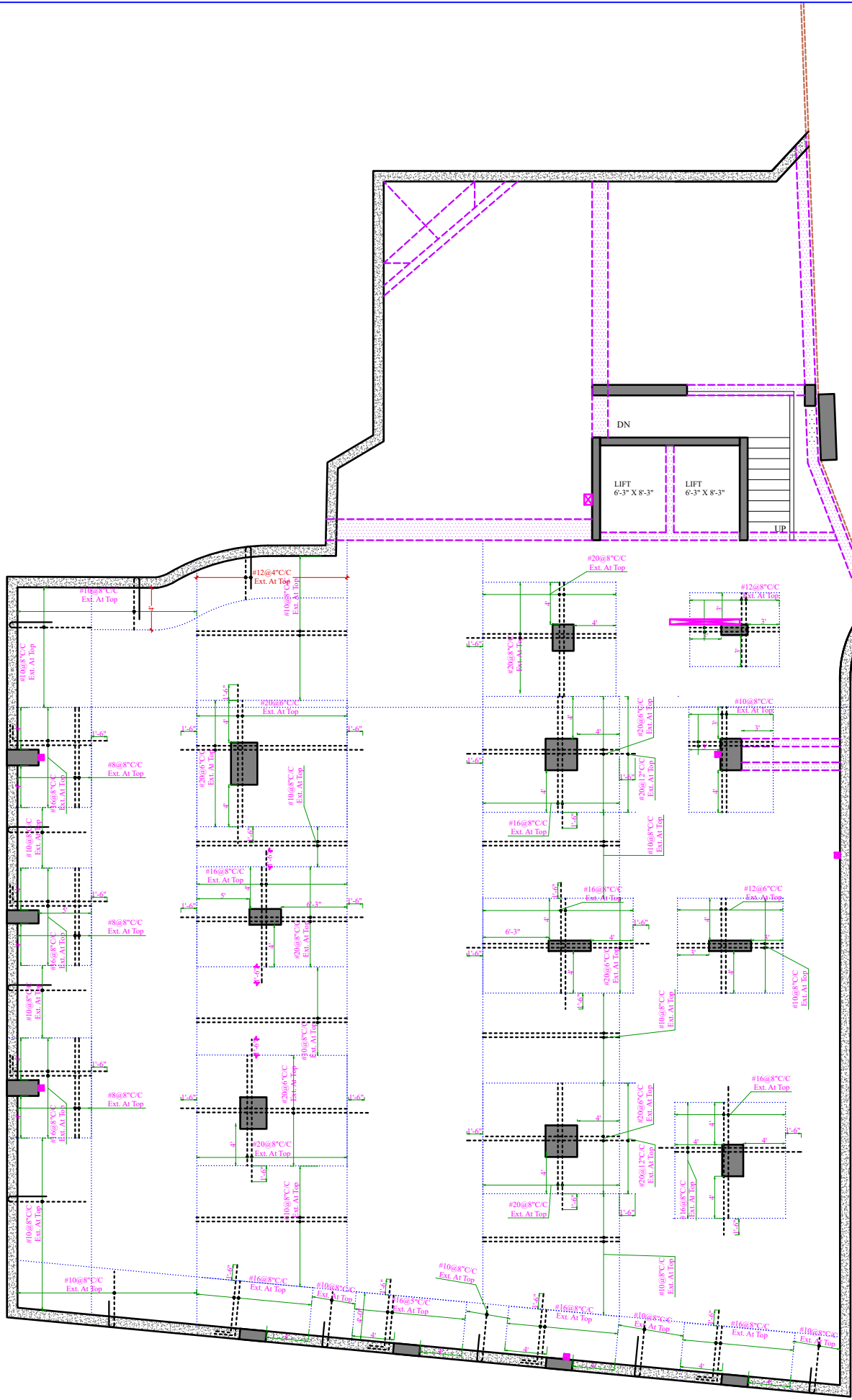
DRG. NO.

SS-05(Sheet-2)

STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	
	CKD. BY	DEEPAK		
DATE	APPROVED BY Mahendra Shekawat			
17-12-21	PROJECT NO. BC/2021-09			
REVISION:-	FILE MASTER Comp/PARK/STR.			

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**



NOTE:

1. GRADE OF CONCRETE SHALL BE M-35.

2. GRADE OF STEEL SHALL BE FE-500.

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

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15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

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- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**LOWER BASEMENT FLAT
SLAB TOP EXTRA REINFORCEMENT PLAN
(SOUL BLOCK)**

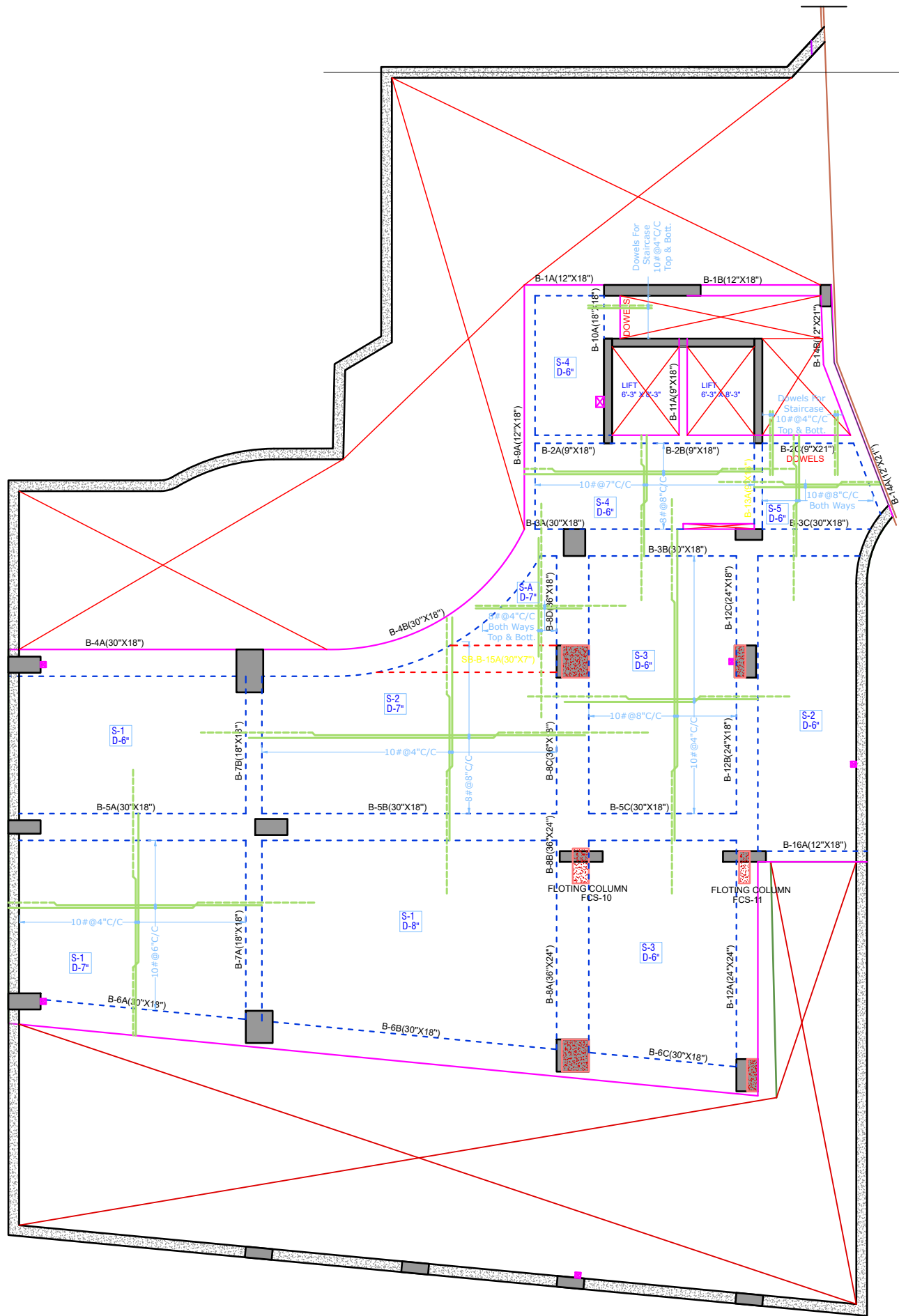
DRG. NO.

SS-05(Sheet-3)

GFC	STATUS	DRAWN BY VIRENDRA	SCALE 1:1
		DESIGNED BY RAHUL	REV.NO.
		CKD. BY DEEPAK	
DATE 17-12-21	APPROVED BY Mahendra Shekawat		
	PROJECT NO. BC/2021-09		
REVISION:-	FILE MASTER Comp/PARK/STR.		

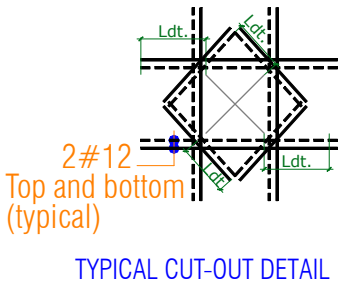
CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**



LOWER GROUND FLOOR TO GROUND FLOOR	SIZE	12"X36"
	MIX.	M-40
	REINF.	2-32# +16-25#
	RINGS	8#@4" C/C END TIES 8#@8" C/C MIDDLE TIES
COLUMN	FCS-11	

LOWER GROUND FLOOR TO GROUND FLOOR	SIZE	18"X39"
	MIX.	M-40
	REINF.	8-25# +14-20#
	RINGS	8#@4" C/C END TIES 8#@8" C/C MIDDLE TIES
COLUMN	FCS-10	



- NOTE:**
- GRADE OF CONCRETE SHALL BE M-35.
 - GRADE OF STEEL SHALL BE FE-500.

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

- PARK INFANIA**
- NOTES:-**
- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
 - DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
 - GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
 - PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
 - ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
 - LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
 - LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS WHERE # IS DIA. OF BARS.
- | CONC.GRADE | LAP LAP |
|--------------|---------|
| M-20 | 57D |
| M-25 | 49D |
| M-30 | 46D |
| M-35 | 41D |
| M-40 & ABOVE | 36D |
- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
 - GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
 - ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.O.C. OFFSET.
 - NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
 - ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
 - LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
 - CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
 - SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
 - 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			1.5'(40MM.) - EARTH SIDE 0.75'(20MM.) - INSIDE FACE
COLUMNS			1.5'(40 MM.)
BEAMS, LINTELS	1'(25 MM.)	1'(25MM.)	1'(25MM.)
SLAB	3/4'(20MM.)	2'(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1'(25MM.) - WATER FACE 1.5'(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

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- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:
**UPPER BASEMENT
ROOF FRAMING PLAN (SOUL BLOCK)**

DRG. NO.
SS-06

STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	
	CKD. BY	DEEPAK		

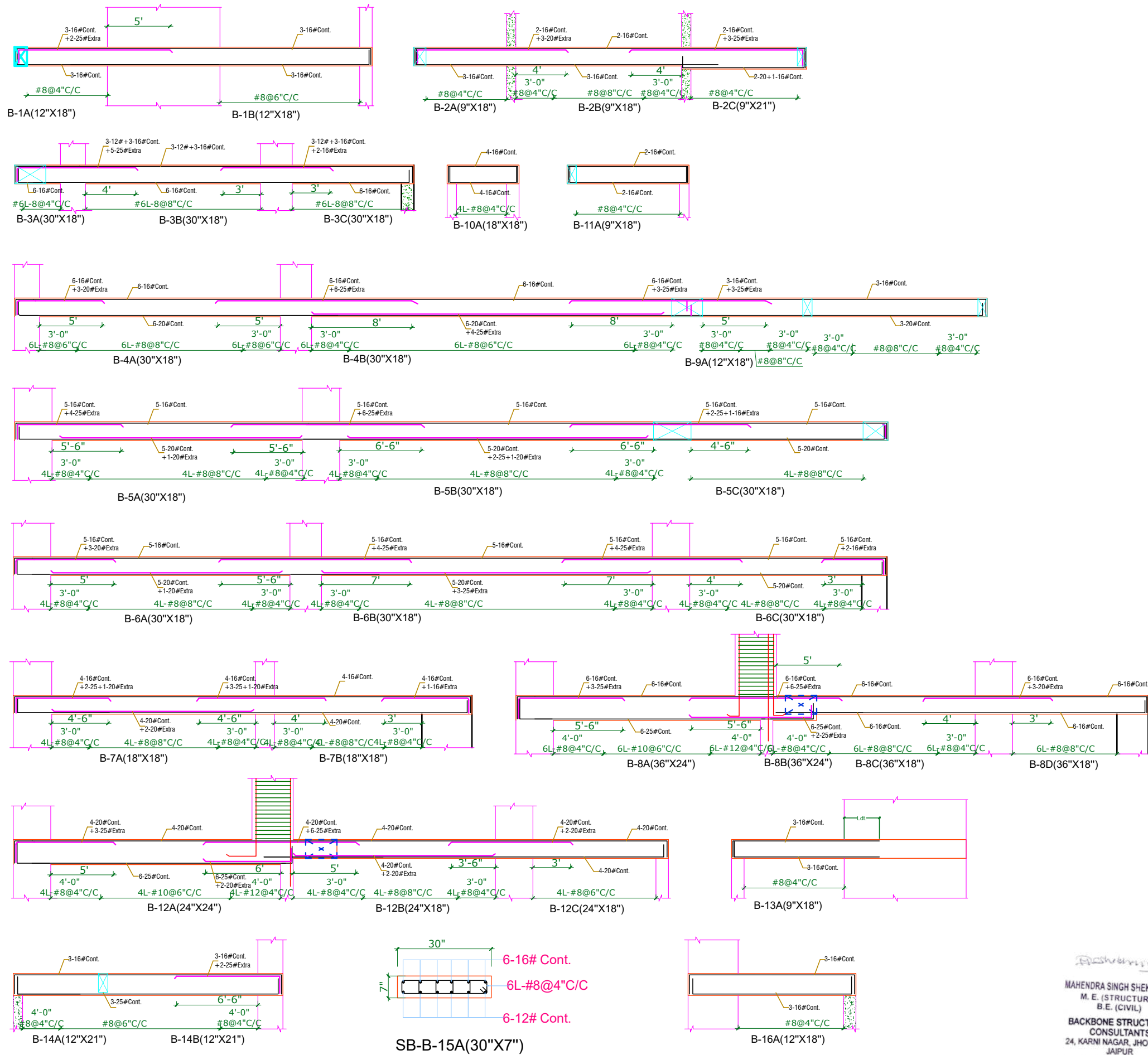
DATE
25-22-2022

APPROVED BY
Mahendra Shekawat

PROJECT NO.
BC/2021-09

REVISION:-
FILE MASTER Comp/PARK/STR.

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR



NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).

2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.

3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.

4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.

5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)

6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.

7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS WHERE # IS DIA. OF BARS.

CONC. GRADE	LAP LAP
M-20	57D
M-25	49D
M-30	46D
M-35	41D
M-40 & ABOVE	36D

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)

9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)

10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.O.C. OFFSET.

11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.

12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.

13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.

14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.

15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.

16. 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			1.5'(40MM.) - EARTH SIDE 0.75'(20MM.) - INSIDE FACE
COLUMNS			1.5'(40 MM.)
BEAMS, LINTELS	1'(25 MM.)	1'(25MM.)	1'(25MM.)
SLAB	3/4'(20MM.)	2'(15MM.)	
WALLS, FLOOR & ROOF SLAB OR WATER TANK			1'(25MM.) - WATER FACE 1.5'(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

FAO

AC

GFC

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FOR ADVANCE COPY

GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR

ARCHITECT OF RECORD:

IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

UPPER BASEMENT
ROOF BEAM DETAIL
(SOUL BLOCK)

DRG. NO.

SS-07

STATUS	DRAWN BY	VIRENDRA	SCALE	1:1
GFC	DESIGNED BY	RAHUL	REV.NO.	
	CKD. BY	DEEPAK		

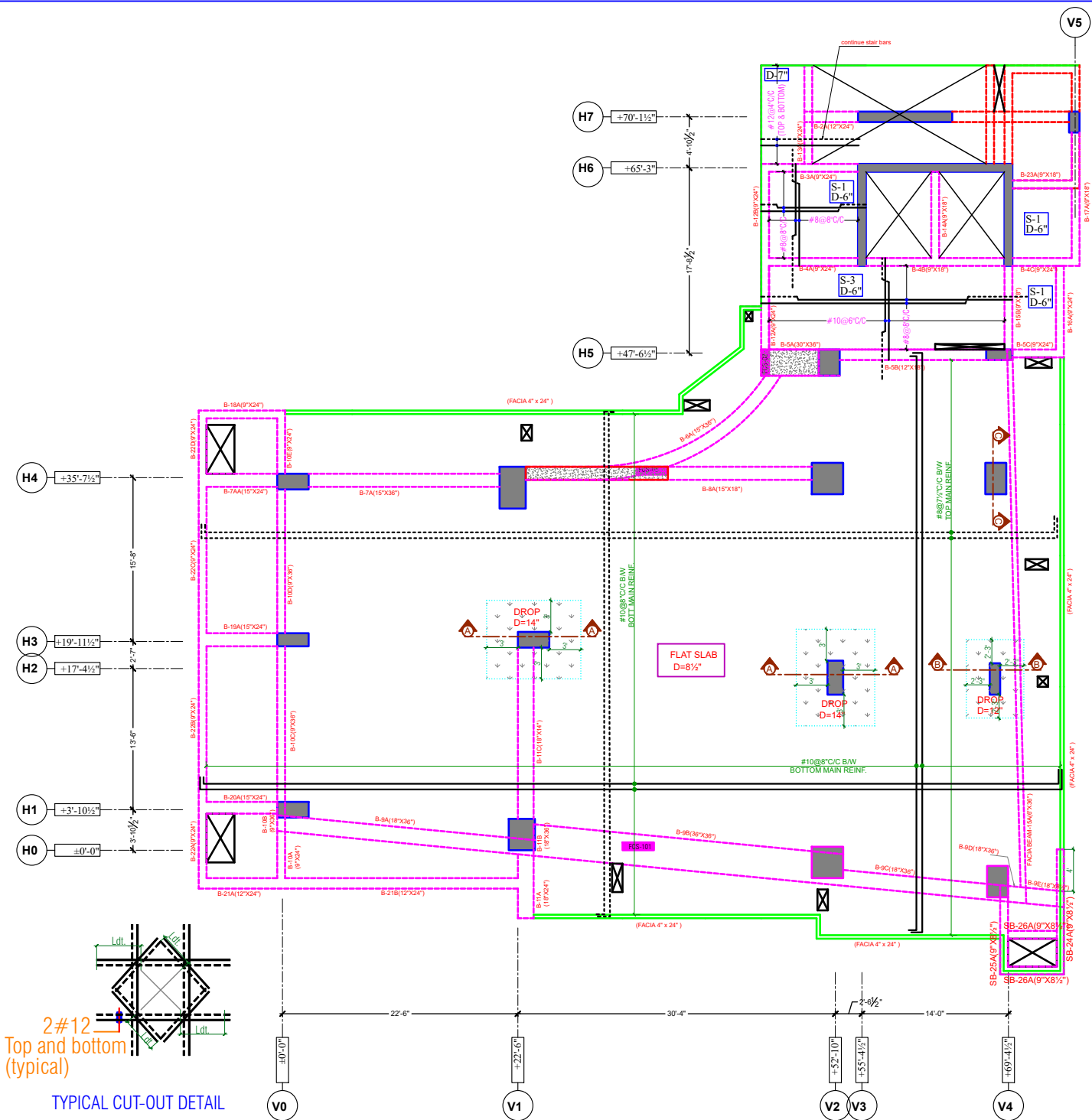
DATE	APPROVED BY	Mahendra Shekawat
12-04-2022	PROJECT NO.	BC/2021-09
REVISION:-	FILE	MASTER Comp/PARK/STR.

CONSULTANT

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

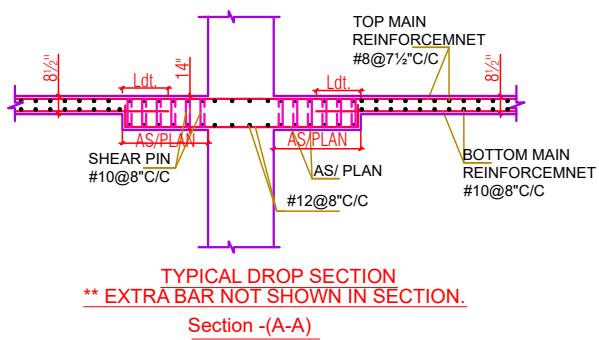
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Mahendra Singh Shekawat
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

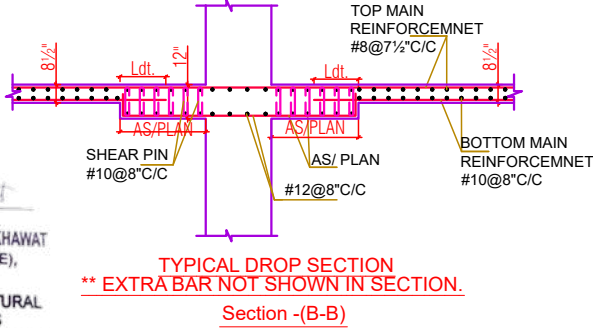


2#12
Top and bottom
(typical)

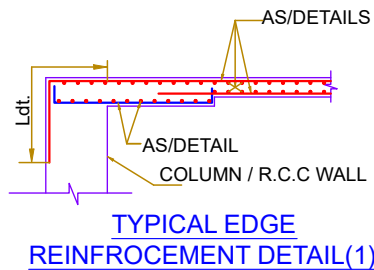
TYPICAL CUT-OUT DETAIL



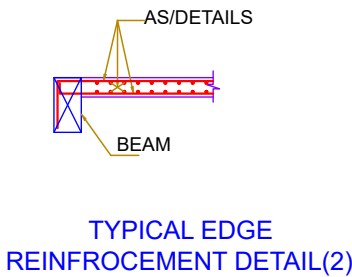
TYPICAL DROP SECTION
** EXTRA BAR NOT SHOWN IN SECTION.
Section -(A-A)



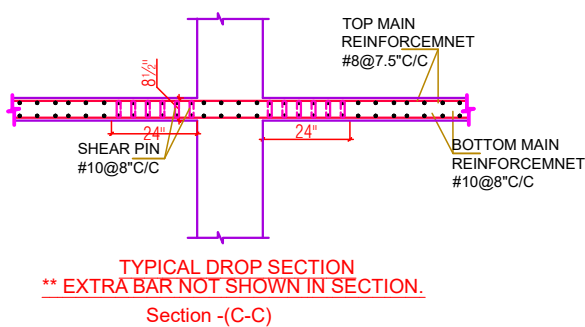
TYPICAL DROP SECTION
** EXTRA BAR NOT SHOWN IN SECTION.
Section -(B-B)



TYPICAL EDGE
REINFORCEMENT DETAIL(1)



TYPICAL EDGE
REINFORCEMENT DETAIL(2)



TYPICAL DROP SECTION
** EXTRA BAR NOT SHOWN IN SECTION.
Section -(C-C)

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW WHERE ϕ IS DIA. OF BARS.

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

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
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13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
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16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE 1.5"(40 MM.)
COLUMNS			1"(25MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK.			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

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- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:

**PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:

IDEAS

124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE:

**GROUND FLOOR FRAMING
LAYOUT PLAN**

(SOUL BLOCK)

DRG. NO.

SS-08(Sheet-1)

STATUS	DRAWN BY	SCALE
GFC	VIRENDRA	1:1
	DESIGNED BY RAHUL	REV.NO.
	CKD. BY DEEPAK	
DATE	APPROVED BY Mahendra Shekawat	
29.07.2022	PROJECT NO.	BC/2021-09
REVISION:-	FILE	MASTER Comp/PARK/STR.

CONSULTANT

**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR



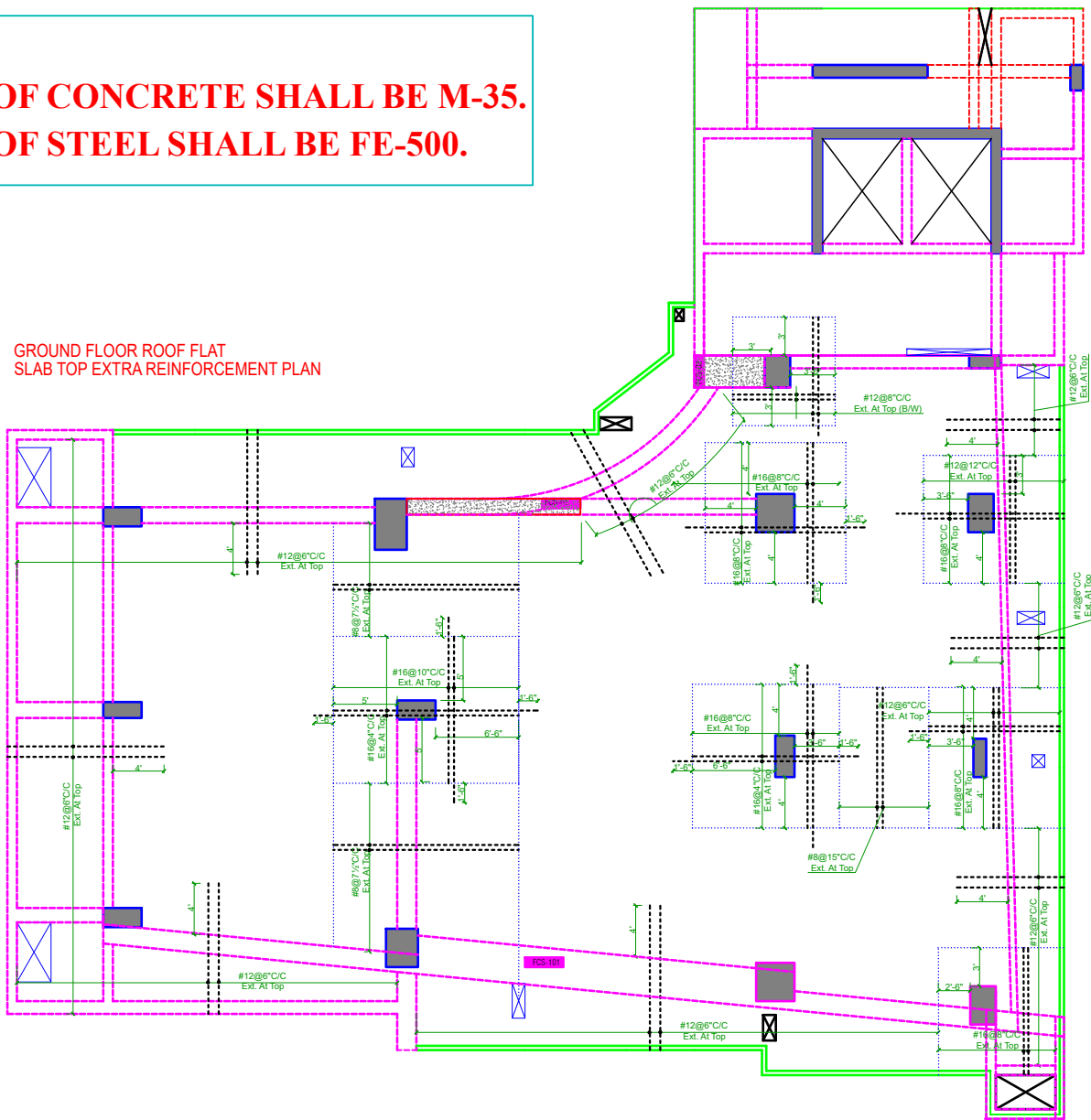
CONSULTANT

BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR

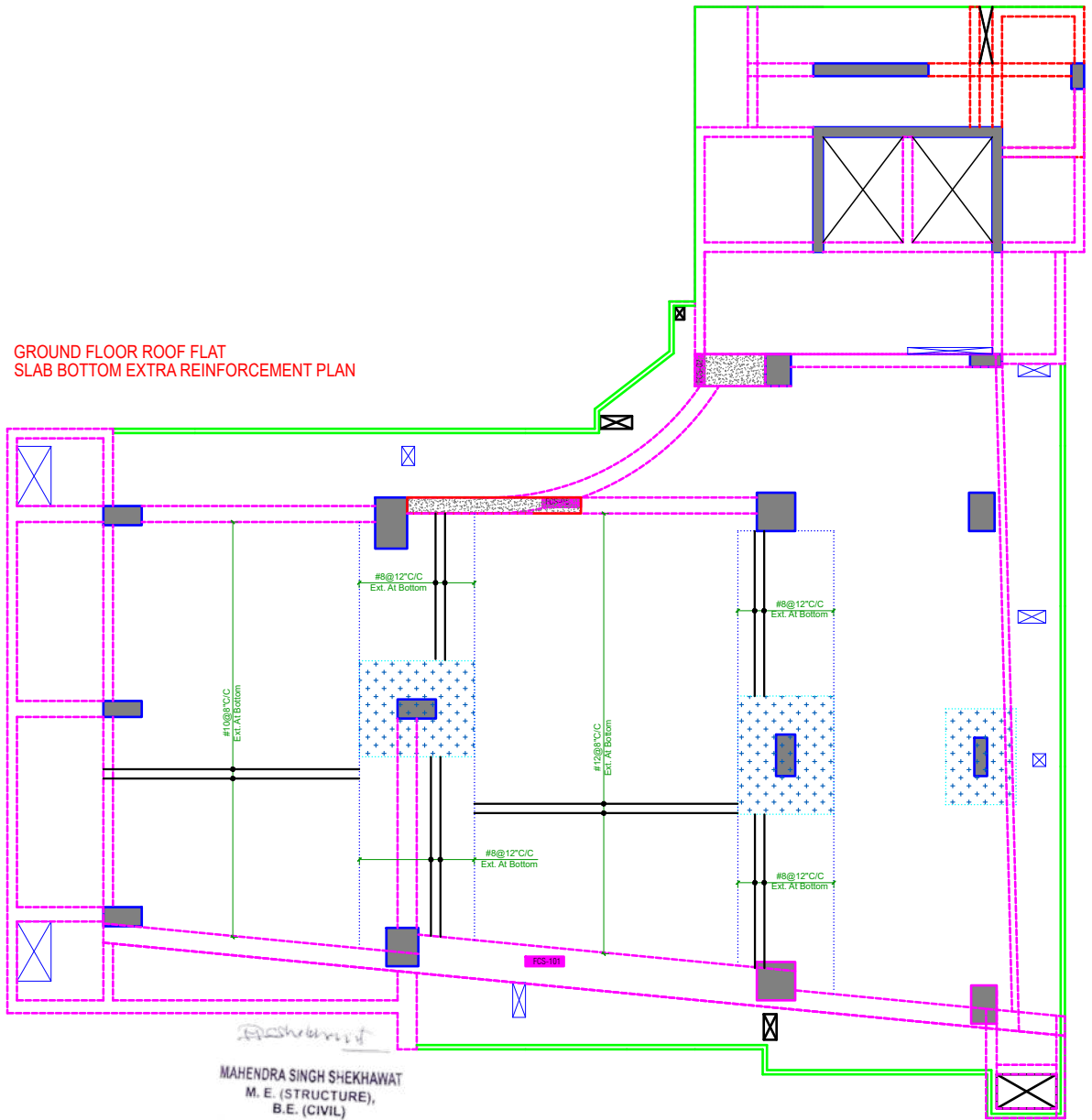
NOTE:

- GRADE OF CONCRETE SHALL BE M-35.
- GRADE OF STEEL SHALL BE FE-500.

GROUND FLOOR ROOF FLAT
SLAB TOP EXTRA REINFORCEMENT PLAN



GROUND FLOOR ROOF FLAT
SLAB BOTTOM EXTRA REINFORCEMENT PLAN



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B.E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
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- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE # IS DIA. OF BARS.

CONC. GRADE	LAP
M-20	57Ø
M-25	49Ø
M-30	46Ø
M-35	41Ø
M-40 & ABOVE	36Ø

- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
- GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
- ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
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- ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
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- CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
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- 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2/3"(15MM.)	
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1"(25MM.) - WATER FACE 1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

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GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT:
**PLOT NO.16. GOVIND MARG
ADARSH NAGAR,RAJA PARK
JAIPUR**

ARCHITECT OF RECORD:
IDEAS
124, HIMMAT NAGAR , TONK ROAD, JAIPUR
PHONE - 0141-2706227,2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

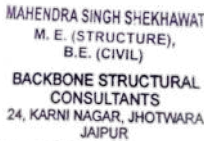
DRAWING TITLE:
**GROUND FLOOR ROOF FLAT
SLAB TOP BOTTOM EXTRA REINFORCEMENT PLAN
(SOUL BLOCK)**

DRG. NO.
SS-08(Sheet-3)

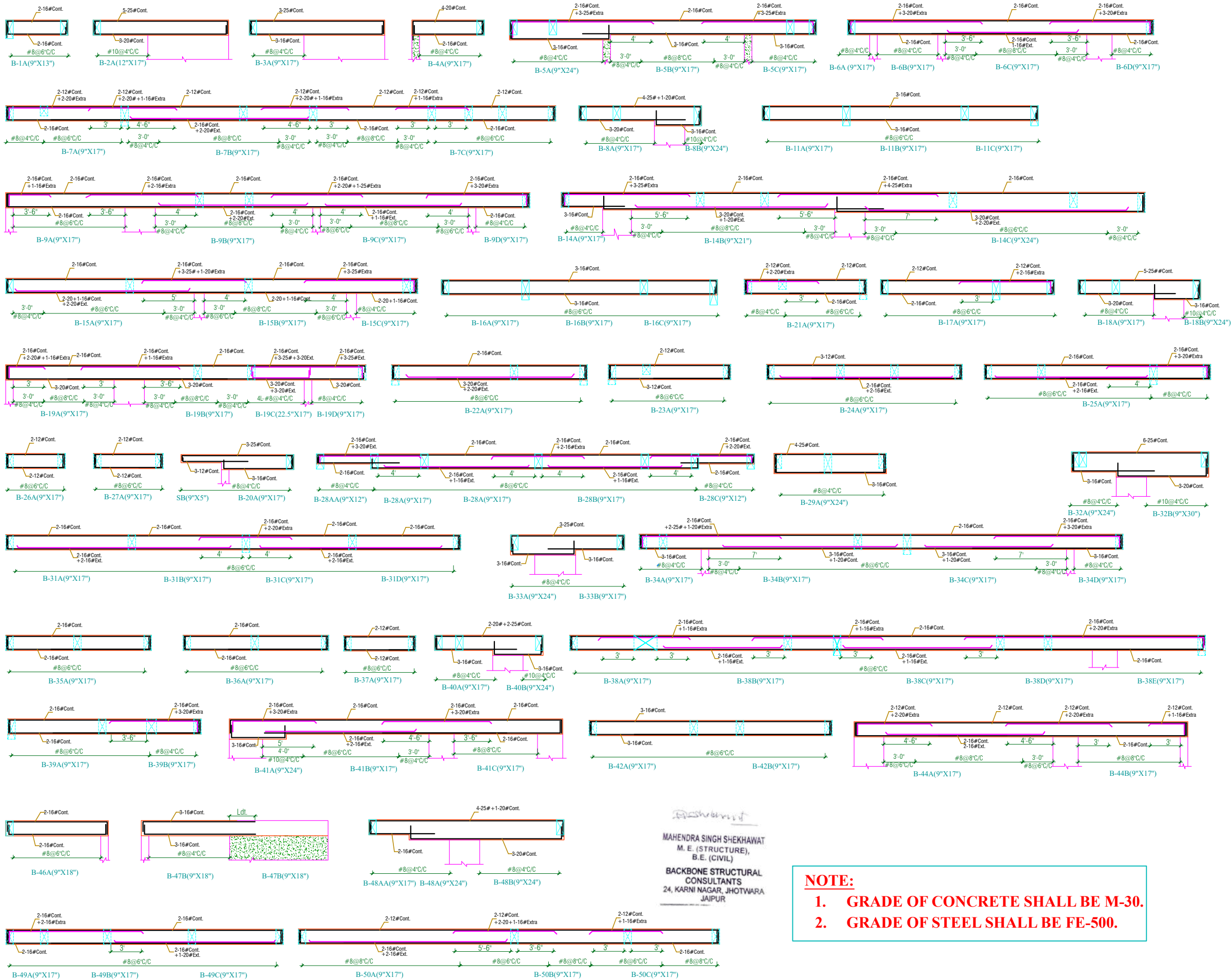
GFC	DRAWN BY	MAHENDRA	SCALE	1:1
	DESIGNED BY	RAHUL	REV.NO.	
	CKD. BY	DEEPAK		
DATE	APPROVED BY Mahendra Shekawat			
29.07.2022	PROJECT NO. BC/2021-09			
REVISION:-	FILE MASTER Comp/PARK/STR.			

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS**
24, KARNI NAGAR
JHOTWARA, JAIPUR

THIS DRAWING IS PROPERTY OF BACKBONE CONSULTANTS AND SHALL NOT BE REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.



TWARA, JAIPUR



MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

- NOTE:**
1. GRADE OF CONCRETE SHALL BE M-30.
 2. GRADE OF STEEL SHALL BE FE-500.

PARK INFINIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
 2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
 3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
 4. PROVIDED 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
 5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
 6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
 7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE # IS DIA. OF BARS.
- | CONC. GRADE | Lap/LAP |
|--------------|---------|
| M-20 | 57D |
| M-25 | 49D |
| M-30 | 46D |
| M-35 | 41D |
| M-40 & ABOVE | 36D |
8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.)
 9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
 10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.C. OFFSET.
 11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
 12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
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 15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
 16. 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			1.5"(40MM.) - EARTH SIDE 0.75"(20MM.) - INSIDE FACE
COLUMNS			1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	2.3/4"(15MM.)	
WALLS, FLOOR & ROOF SLAB			1"(25MM.)
OF WATER TANK			1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

- FAO ☐ FOR APPROVAL ONLY
AC ☒ FOR ADVANCE COPY
GFC ☐ GOOD FOR CONSTRUCTION

REVISION:

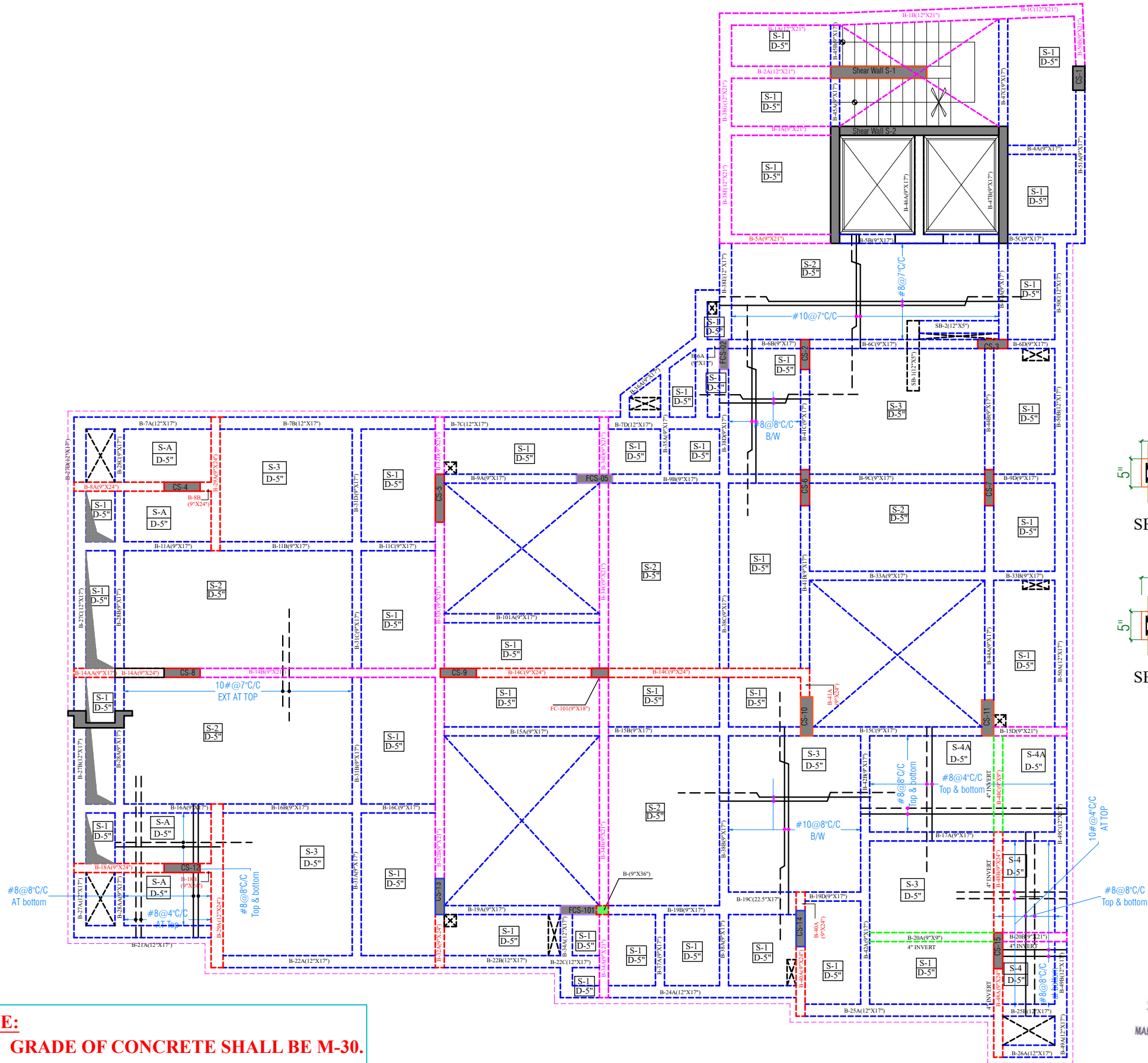
PROJECT: **PLOT NO.16. GOVIND MARG
ADARSH NAGAR, RAJA PARK
JAIPUR**

ARCHITECT OF RECORD: **IDEAS**
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227/2712377 email:
ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: **TYPICAL FLOOR ROOF BEAM DETAIL
(SOUL BLOCK)**

DRG. NO. SS-10	DRAWN BY MAHENDRA	SCALE 1:1
STATUS AC	DESIGNED BY RAHUL	REV.NO.
DATE 12.09.2022	CKD. BY DEEPAK	
REVISION:-	APPROVED BY Mahendra Shekawat	
	PROJECT NO. BC/2021-09	
	FILE MASTER Comp/PARK/STR.	

CONSULTANT
**BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR**

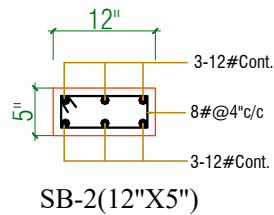
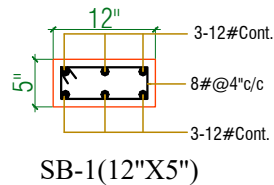


PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW WHERE # IS DIA. OF BARS.
8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.O.C. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. 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			1.5"(40MM) - EARTH SIDE 0.75"(20MM) - INSIDE FACE
COLUMNS			1.5"(40 MM)
BEAMS, LINTELS	1"(25 MM)	1"(25MM)	1"(25MM)
SLAB	3/4"(20MM)	2"(50MM)	1"(25MM)
WALLS, FLOOR & ROOF SLAB OF WATER TANK			1"(25MM) - WATER FACE 1.5"(40MM) - EARTH SIDE



NO.	DATE	DESCRIPTION	CKD

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- AC ☐ FOR ADVANCE COPY
- GFC ☒ GOOD FOR CONSTRUCTION

REVISION:

PROJECT: PLOT NO.16. GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR

ARCHITECT OF RECORD: IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: TERRACE FLOOR FRAMING PLAN (SOUL BLOCK)

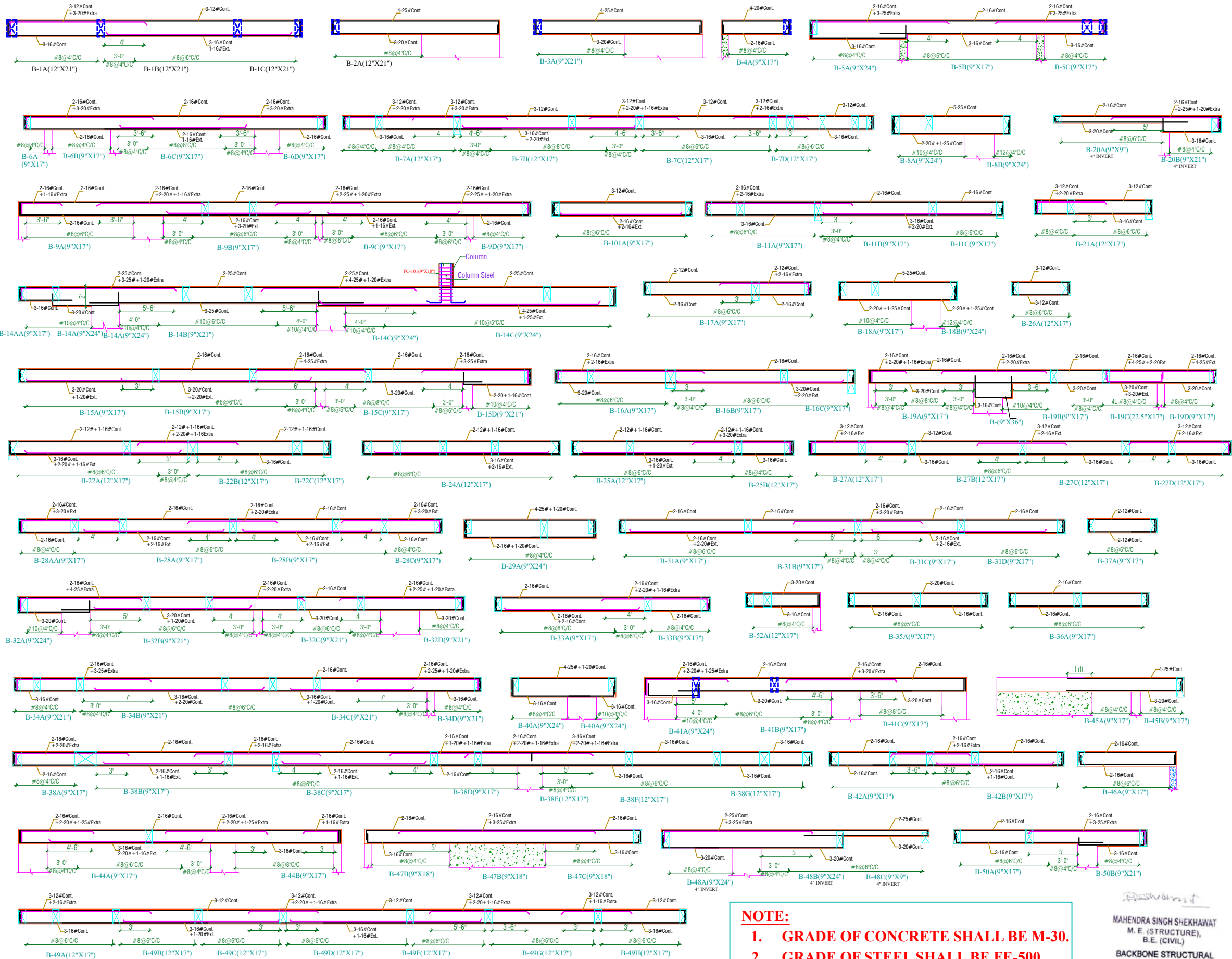
DRG. NO. SS-12

GFC	STATUS	DRAWN BY MAHENDRA	SCALE 1:1
		DESIGNED BY RAHUL	REV.NO.
		CKD. BY DEEPAK	

DATE 05.05.2023 APPROVED BY Mahendra Shekawat
PROJECT NO. BC/2021-09

REVISION:- FILE MASTER Comp/PARK/STR.

CONSULTANT BACKBONE STRUCTURAL CONSULTANTS
24, KARNI NAGAR JHOTWARA, JAIPUR



NOTE:
1. GRADE OF CONCRETE SHALL BE M-30.
2. GRADE OF STEEL SHALL BE FE-500.

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
BACKBONE STRUCTURAL
CONSULTANTS
24, KARNI NAGAR, JHOTWARA
JAIPUR

PARK INFANIA

NOTES:-

- ALL DIMENSIONS ARE IN FEET&INCHES (U.N.O.).
 - DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
 - GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
 - PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND:8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC. FOOTING.
 - ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION)
 - LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
 - LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE # IS DIA. OF BARS.
- | CONC. GRADE | Ldb/LAP |
|--------------|---------|
| M-20 | 57D |
| M-25 | 49D |
| M-30 | 46D |
| M-35 | 41D |
| M-40 & ABOVE | 36D |
- FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
 - GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
 - ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES PCC. OFFSET.
 - NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
 - ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
 - LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
 - CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
 - SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
 - 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	1.5"(40MM.) - EARTH SIDE	1.5"(40MM.) - EARTH SIDE	0.75"(20MM.) - INSIDE FACE
COLUMNS	1.5"(40 MM.)	1.5"(40 MM.)	1.5"(40 MM.)
BEAMS, LINTELS	1"(25 MM.)	1"(25MM.)	1"(25MM.)
SLAB	3/4"(20MM.)	3/4"(15MM.)	3/4"(15MM.)
WALLS, FLOOR & ROOF SLAB OF WATER TANK	1.5"(40MM.) - WATER FACE	1.5"(40MM.) - WATER FACE	1.5"(40MM.) - EARTH SIDE

NO.	DATE	DESCRIPTION	CKD

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REVISION:

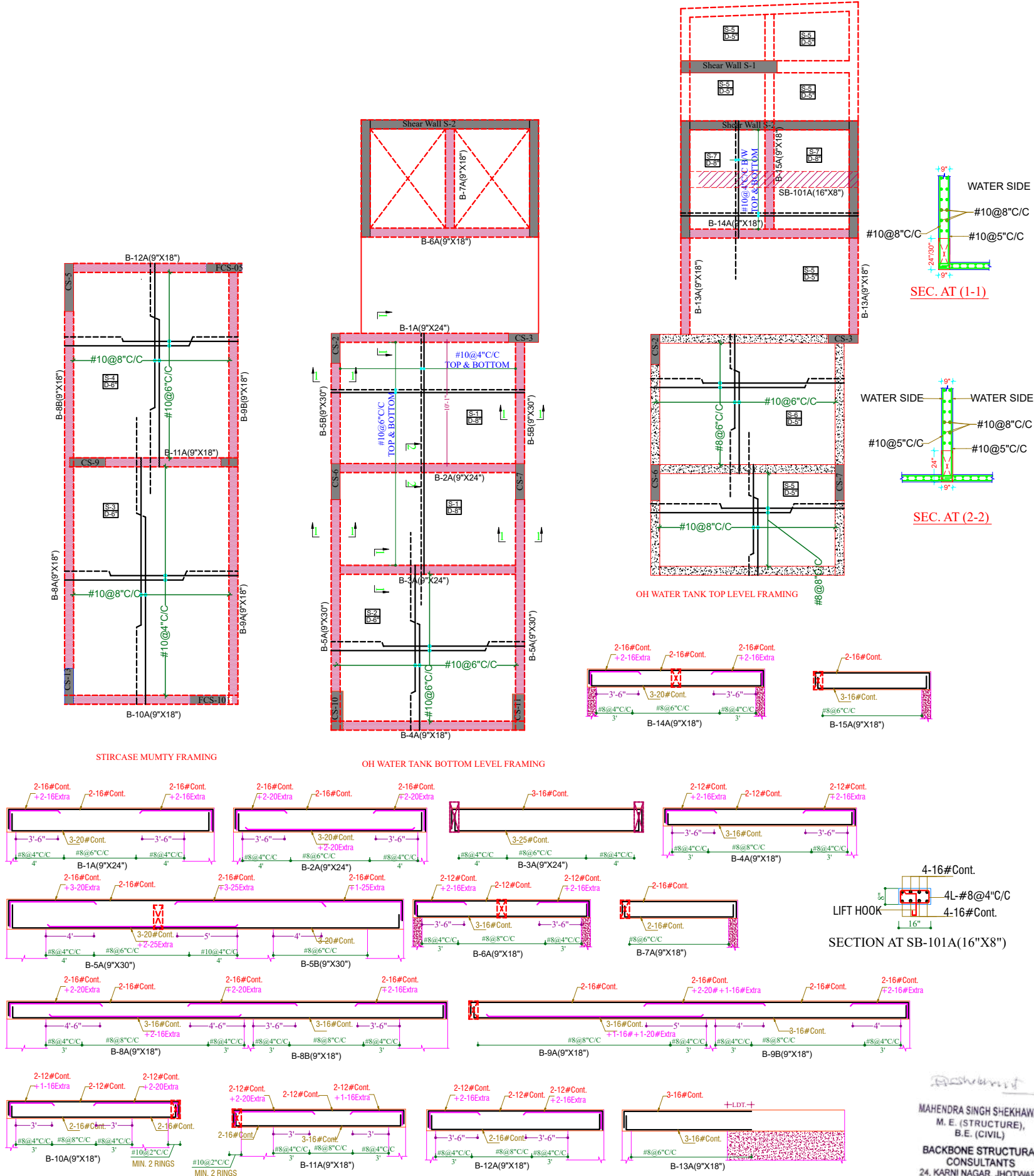
PROJECT: **PLOT NO.16. GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR**

ARCHITECT OF RECORD: **IDEAS**
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: **TERRACE FLOOR BEAM DETAIL (SOUL BLOCK)**

DRG. NO. SS-13	DRAWN BY MAHENDRA	SCALE 1:1
GFC	DESIGNED BY RAHUL	REV.NO.
	CKD. BY DEEPAK	
DATE 22.05.2023	APPROVED BY Mahendra Shekawat	
REVISION:-	PROJECT NO. BC/2021-09	
CONSULTANT	FILE MASTER Comp/PARK/STR.	

BACKBONE STRUCTURAL CONSULTANTS
24, KARNI NAGAR
JHOTWARA, JAIPUR



PARK INFANIA

NOTES:-

1. ALL DIMENSIONS ARE IN FEET/INCHES (U.N.O.).
2. DO NOT SCALE ANY DIMENSION. ALWAYS FOLLOW WRITTEN DIMENSIONS.
3. GENERAL NOTES SHALL BE REFERRED IN CONJUNCTION WITH THIS DRAWING.
4. PROVIDED 100 MM LEAN CONC. OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED HARD STONE AGGREGATE OF 40 MM NOMINAL SIZE) UNDERNEATH ALL RCC FOOTING.
5. ALL R/F SHALL BE FE 500 CONFORMING TO IS 1786 (LATEST REVISION) (U.N.O.).
6. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
7. LAP LENGTH FOR BARS WITH YIELD STRENGTH REINFORCED BARS SHALL BE AS FOLLOWS WHERE 'L' IS DIA. OF BARS.

CONCRETE GRADE	SLAB
M-20	570
M-25	490
M-30	460
M-35	410
M-40 & ABOVE	360

8. FOR RCC WORKS USE MIX M30 CONFORMING TO IS : 456 LATEST REVISION (U.N.O.).
9. GENERAL EXCAVATION LEVEL FOR FOUNDATION (REFER EXCAVATION PLAN.)
10. ALL DIMENSIONS MARKED ON FOUNDATION PLAN EXCLUDES P.O.C. OFFSET.
11. NO FOUNDATION SHALL BE PLACED ON FILLED UP EARTH.
12. ANY DISCREPANCY IN SIZE OR LEVEL OF FOOTING SHALL BE BROUGHT IN NOTICE OF STRUCTURAL CONSULTANT.
13. LOCATION OF LIFT PIT, SUMP AND DRAINS SHALL BE REFERRED TO RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
14. CONFORM LOCATION OF RETAINING WALLS WITH RELEVANT ARCHITECTURAL DRAWINGS.
15. SAFE BEARING CAPACITY OF SOIL FOR FOOTING HAS BEEN TAKEN AS/SOIL TESTING REPORT.
16. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	275(MM)	275(MM)	275(MM)
RETAINING WALL			1.75(MM) - EARTH SIDE 1.75(MM) - INSIDE FACE
COLUMNS			275(MM)
BEAMS, LINTELS	175(MM)	175(MM)	175(MM)
SLAB	50(MM)	50(MM)	50(MM)
WALLS, FLOOR & ROOF SLAB OR WATER TANK			275(MM) - WATER FACE 1.75(MM) - EARTH SIDE

SPECIAL NOTES

- NOTE
1. MIX OF CONCRETE FOR : SHALL BE M-30.
 2. GRID LINE SHALL BE FOLLOW AS PER ARCHITECTURAL DRAWING.
 3. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9", 4 FOR 12", 6 FOR 18", 8 FOR 24", 10 FOR 30" WIDE BEAM.
 5. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"
 6. PROVIDE 2-#12 AT TOP & BOTTOM AT CUTOUT.
 7. FOLLOW GENERAL NOTES DRAWING FOR DETAILING.
 8. FOLLOW WRITTEN DIMENSION ONLY.
 9. SINK SHALL BE AS PER ARCH. DRAWING.
 10. DOWELS SHALL BE LEFT FOR STAIR CASE.
 11. STEEL GRADE SHALL BE Fe-500.

NO.	DATE	DESCRIPTION	CHKD

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REVISION:

PROJECT: PLOT NO.16. GOVIND MARG ADARSH NAGAR, RAJA PARK JAIPUR

ARCHITECT OF RECORD: IDEAS
124, HIMMAT NAGAR, TONK ROAD, JAIPUR
PHONE - 0141-2706227, 2712377 email: ideasjaipur@gmail.com, web: www.ideasjaipur.com

DRAWING TITLE: MACHINE ROOM & OH WATER TANK DETAIL SOUL BLOCK

DRG. NO.

SB-OHWT2

STATUS	DRAWN BY	SCALE
FAO	VIRENDRA	1:1
	DESIGNED BY	REV.NO.
	RAHUL	
	CHKD. BY	
	DEEPAK	

DATE: 10-07-23
APPROVED BY: Mahendra Shekawat
PROJECT NO.: BC/2021-09
REVISION: - FILE MASTER Comp/PARK/STR.

CONSULTANT
BACKBONE STRUCTURAL CONSULTANTS
24, KARNI NAGAR JHOTWARA, JAIPUR

MAHENDRA SINGH SHEKHAWAT
M. E. (STRUCTURE),
B. E. (CIVIL)
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24, KARNI NAGAR, JHOTWARA JAIPUR