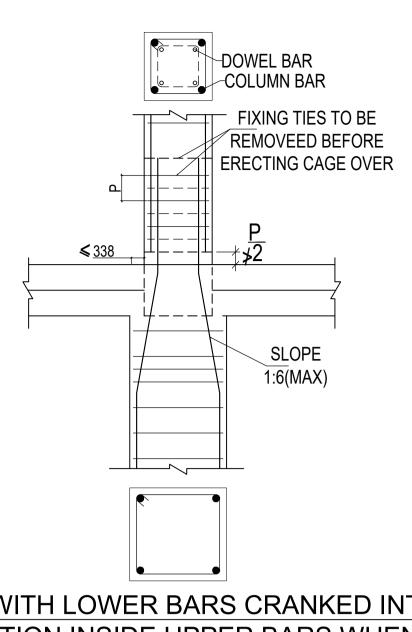
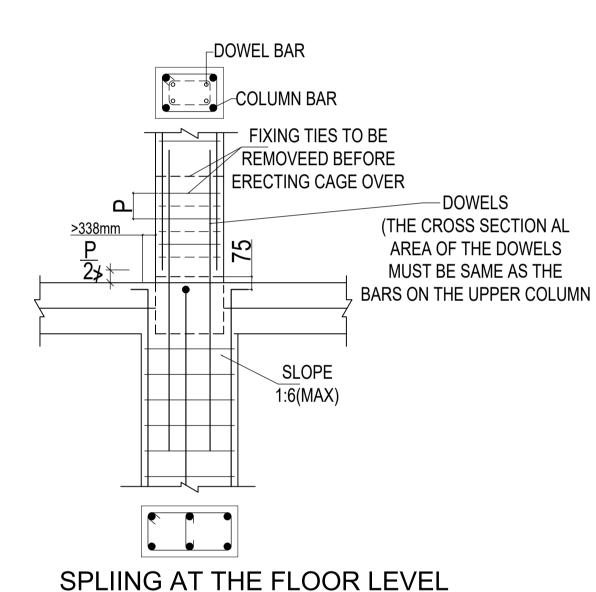


SPLICE WITH LOWER BARS CRANKED INTO A POSITION

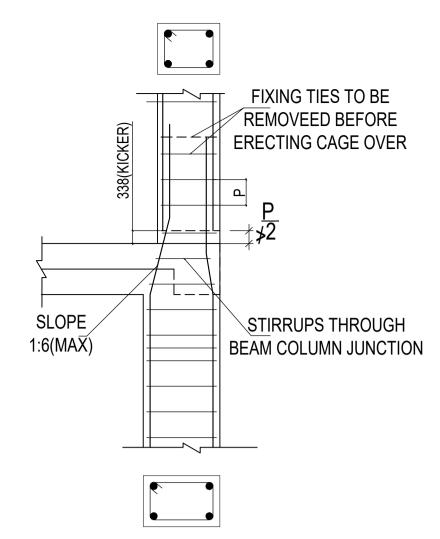
INSIDE UPPER BARSV (INTER MEDIATE FLOOR)



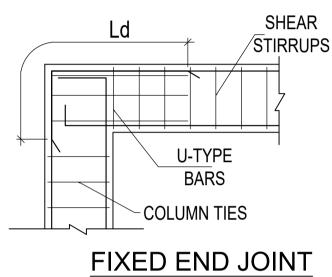
SPLICE WITH LOWER BARS CRANKED INTO A POSITION INSIDE UPPER BARS WHEN THE RELATIVE DISPLACEMENT OF **COLUMN FACES IS LESS THAN 75mm**



WHEN THE RELATIVE DISPLACEMENT OF COLUMN FACES IS MORE THAN 75MM

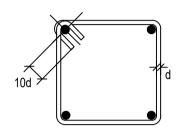


SPLIING WHEN THE LOWER BARS CRANKED INTO A POSITION INSIDE THE UPPER BARS WITH STEPPING OF **COLUMNS ON ONE SIDE**

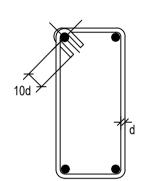


IN A COLUMN 7 • • • • • • • • • • • • • •

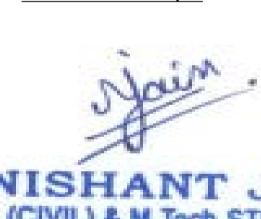
TERMINATION OF COLUMN BAR INSIDE SLAB



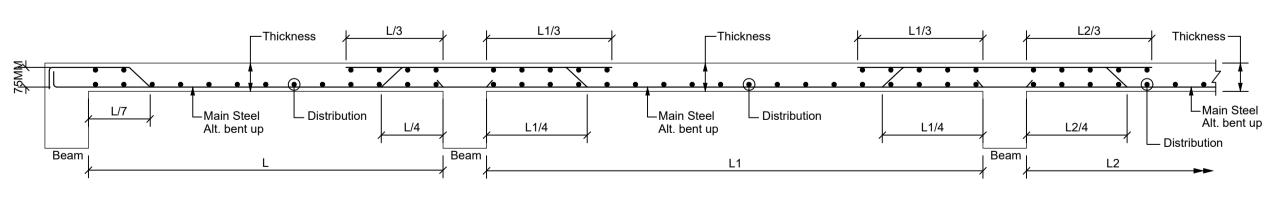
Typical Detail Of Column Link



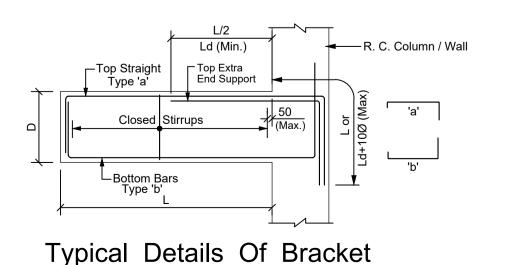
Typical Details Of Closed Stirrups

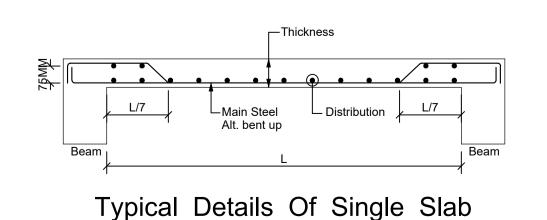


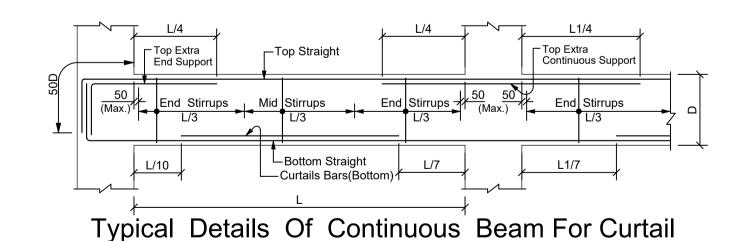
NISHANT JAIN B.E. (CIVIL) & M. Tech STRUCTURES CHARTERED ENGINEER AND STRUCTURAL CONSULTANTS

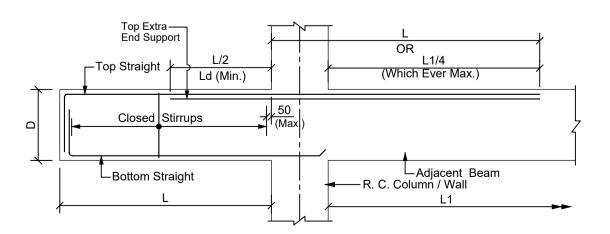


Typical Details Of Continuous Slab



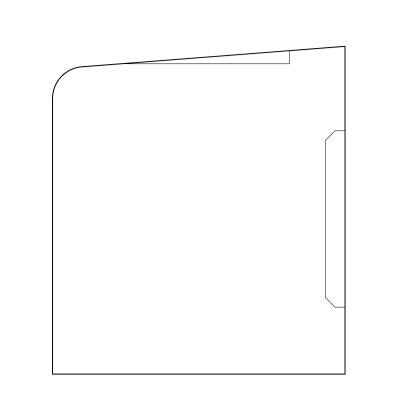






Typical Details Of Cantilever Beam

ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN M40 & RAFT FOOTING: M30
- FOR BEAM & SLAB M25
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM. RETAINING WALL......25 MM
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION

- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

		LAP LENGTH 1	ΓABLE :-			
		CONCRETE	BEAM	/ SLAB	COLUMN	
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
		MAO 9 ADOVE	20 V DIA	26 V DIA	OF V DIA	20 V DIA

_						
REV	DATE	REVISION NOTE				

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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	NAME	DATE	REV. NO :- R0
DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

SHEET TITLE:- RCC TYPICAL DETAIL

J-306

JOB NO :-

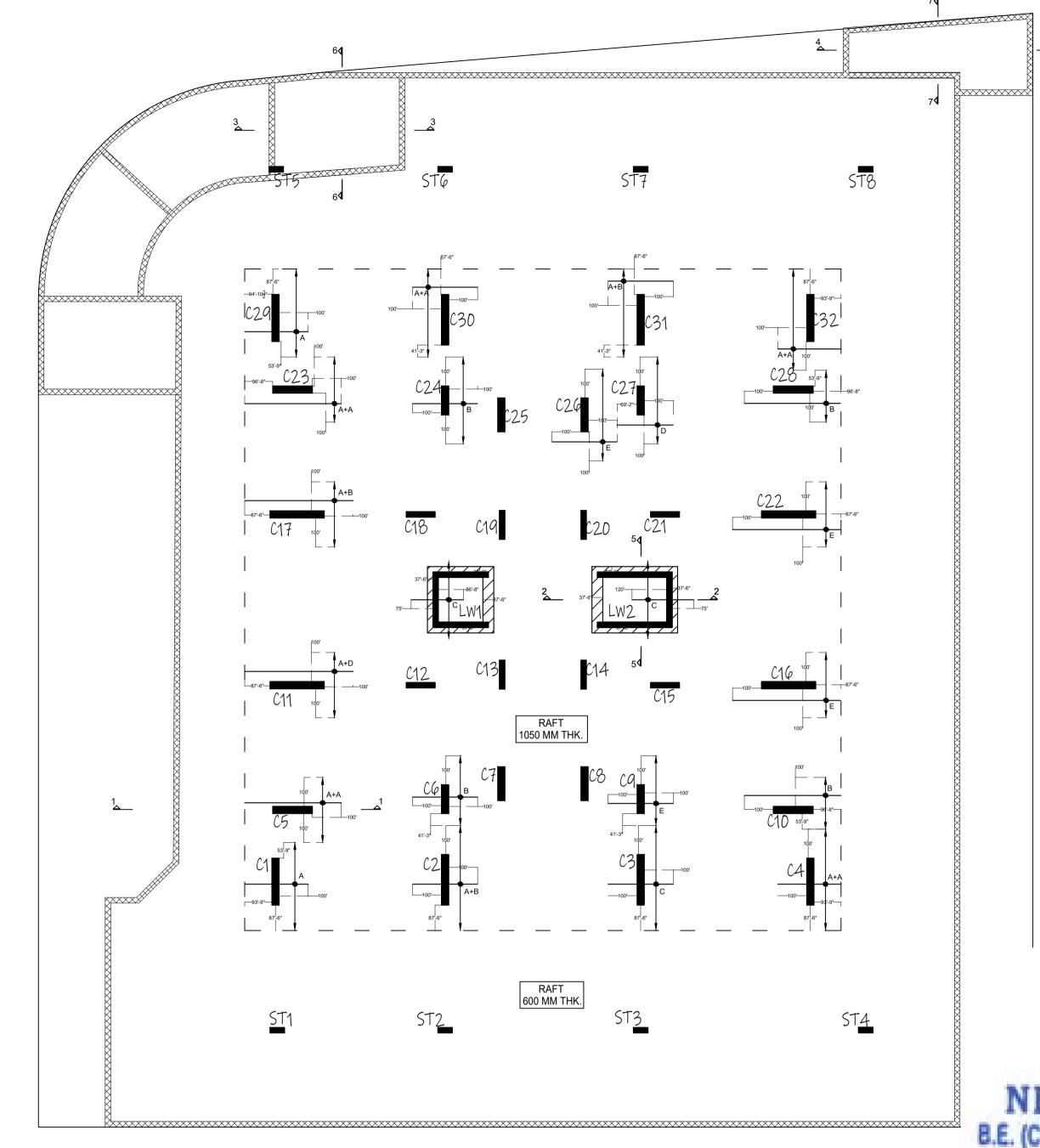
DWG NO :- 01



GIRNAR STRUCTURAL CONSULTANTS.

SCHEDULE OF COLUMN/ FOUNDATION :-

SCHEDULL	OI COLUMN	I OUNDA	<u> </u>	\bigcup
CONC. MIX	M30	M40		/1
COLUMN		BASEMEN & STILT L		′L.
NOS.		SIZE	STE NO.	EL T
C-1		300 X 1950	$\overline{}$	32 25
C-2		300 X 2100	4	32 25
C-3		300 X 2100	4	32 25
C-4		300 X 1950	10	32 25
C-5	PROVIDE RAFT FOUNDATION	300 X 1650	14	32 25
C-6	BELOW MAIN BUILDING THK. 1050 MM	300 X 1200	16	25
C-7	TTIK. 1030 WIWI	300 X 1400	18	25
C-8		300 X 1400	18	25
C-9	STEEL TOP 16T @ 100MM C/C	300 X 1200		25
C-10	THROUGHOUT	300 X 1650		32 25
C-11		300 X 2250	30	32
C-12		230 X 1200		25
C-13	STEEL BOTTOM 20T @ 100MM C/C	230 X 1200		32 25
C-14	THROUGHOUT	230 X 1200		32 25
C-15		230 X 1200	16	25
C-16		300 X 2250	30	32
C-17		300 X 2250	30	32
C-18		230 X 1200	16 8	25 32
C-19	PROVIDE RAFT	230 X 1200	8	25 32
C-20	FOUNDATION OUT OF MAIN	230 X 1200	8	25
C-21	BUILDING LINE THK. 600 MM	230 X 1200		25
C-22		300 X 2250		32 32
C-23		300 X 1650	10	25
C-24	STEEL TOP 12T @ 100MM C/C	300 X 1200		25
C-25	THROUGHOUT	300 X 1400		
C-26		300 X 1400		
C-27	STEEL BOTTOM	300 X 1200		25 32
C-28	STEEL BOTTOM 12T @ 100MM C/C	300 X 1650	10	25 32
C-29	THROUGHOUT	300 X 1950	10	25 32
C-30		300 X 2100		25 32
C-31		300 X 2100	4	25 32
C-32		300 X 1950	10	25



RCC PLAN@ FOUNDATION LEVEL (SHOWING BOTTOM EXTRA REINFORCEMENT IN 'X' DIRECTION AFTER THROUGHOUT STEEL)

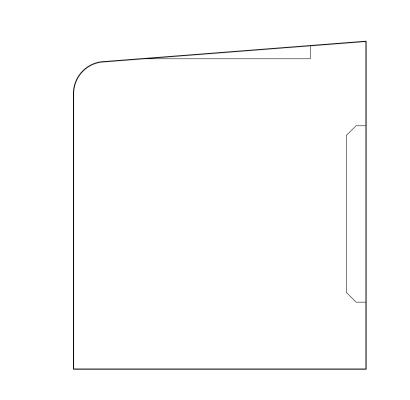
CONC. MIX	M40				
COLUMN	BASEMENT LVL.				
NOS.	SIZE	STE	EL		
	SIZL	NO.	Т		
ST 1 TO 8	230 X 600	10	16		

FOLD IN RAFT
 RAFT THK. REDUCED LINE
 INDICATES BOTTOM EXTRA BARS
 RETAINING WALL

SCHEDULE OF EXTRA REINFORCEMENT

BAR MKD.	REINFORCEMENT	REMARK
	IN 'X' DII	RECTION
Α	32T @ 100MM c/c.	BOTTOM EXTRA
В	25T @ 100MM c/c.	BOTTOM EXTRA
С	20T @ 100MM c/c.	BOTTOM EXTRA
D	16T @ 100MM c/c.	BOTTOM EXTRA
Е	12T @ 100MM c/c.	BOTTOM EXTRA

ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN M40 & RAFT FOOTING: M30
- FOR RAFT COLUMN JUNCTION AS PER RAFT
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.

- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM . * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT
- * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE
- * SBC ASSUMED 40 T/M²

LAP LENGTH TABLE :-						
		CONCRETE	BEAM / SLAB		COLUMN	
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
		M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
		M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA
		M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA
		M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA

REV	DATE	REVISION NOTE				
	<u> </u>					
	1					

B.E. (CIVIL) & M. Tech STRUCTURES
CHARTERED ENGINEER AND
STRUCTURAL CONSULTANTS

PURPOSE OF ISSUE:- VALID FOR APPROVAL
DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

GIRNAR STRUCTURAL CONSULTANTS .

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

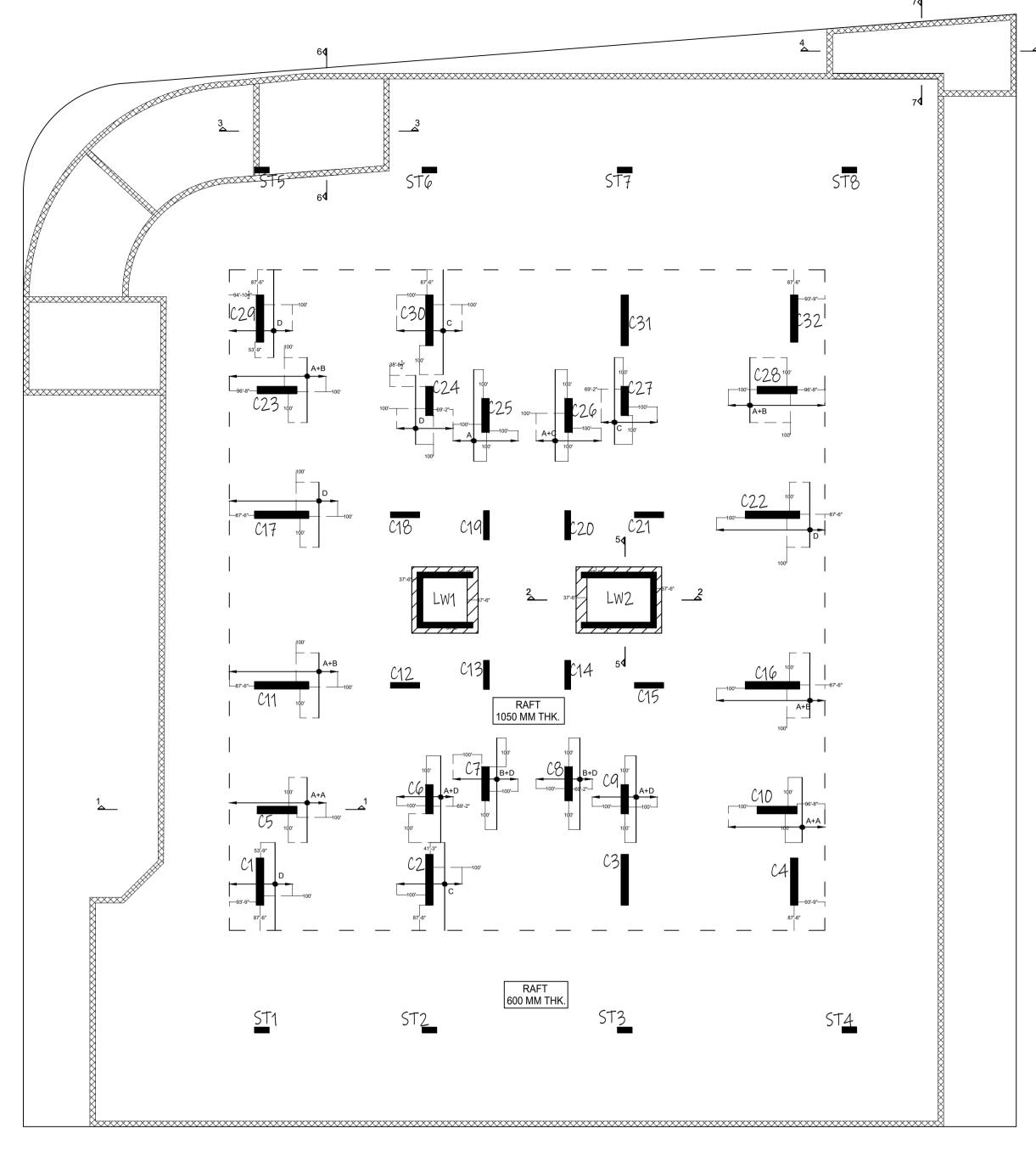
SHEET TITLE :- R.C.C. PLAN FOR FOUNDATION LEVEL SHOWING BOTTOM EXTRA REINFORCEMENT

JOB NO :- J-306

DWG NO :- 02

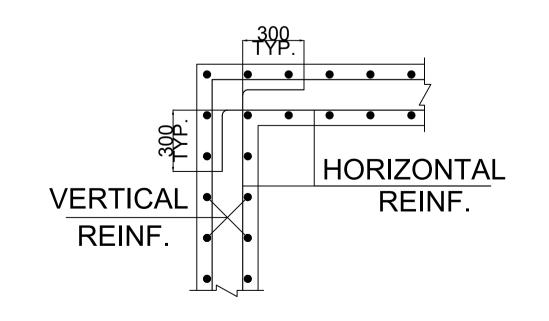


GIRNAR STRUCTURAL





RCC PLAN@ FOUNDATION LEVEL (SHOWING BOTTOM EXTRA REINFORCEMENT IN 'Y' DIRECTION AFTER THROUGHOUT STEEL)



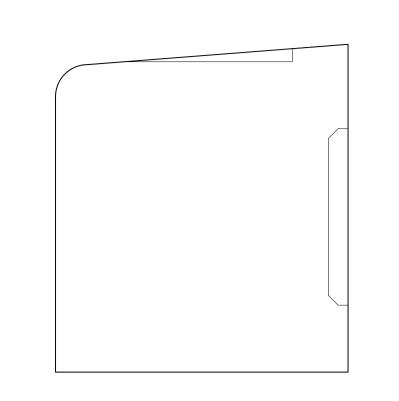
TYP. JUNCTION DETAIL AT "L" CORNER OF RETAINING WALL

	FOLD IN RAFT
	RAFT THK. REDUCED LINE
	INDICATES BOTTOM EXTRA BARS
××××××××××××××××××××××××××××××××××××××	RETAINING WALL

SCHEDULE OF EXTRA REINFORCEMENT

BAR MKD.	REINFORCEMENT	REMARK
	IN 'Y' DII	RECTION
Α	32T @ 100MM c/c.	BOTTOM EXTRA
В	25T @ 100MM c/c.	BOTTOM EXTRA
С	20T @ 100MM c/c.	BOTTOM EXTRA
D	16T @ 100MM c/c.	BOTTOM EXTRA
E	12T @ 100MM c/c.	BOTTOM EXTRA

ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN M40 & RAFT FOOTING: M30 FOR RAFT COLUMN JUNCTION AS PER RAFT
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT
- * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.

- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER. * *= DIMENSION TO BE CONFIRM @ SITE
- * SBC ASSUMED 40 T/M²

LAP LENGTH TABLE :-						
CONCRETE	BEAM / SLAB		COLUMN			
MIX.	Fe 415	Fe 500	Fe 415	Fe 500		
M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA		
M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA		
M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA		
M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA		

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DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

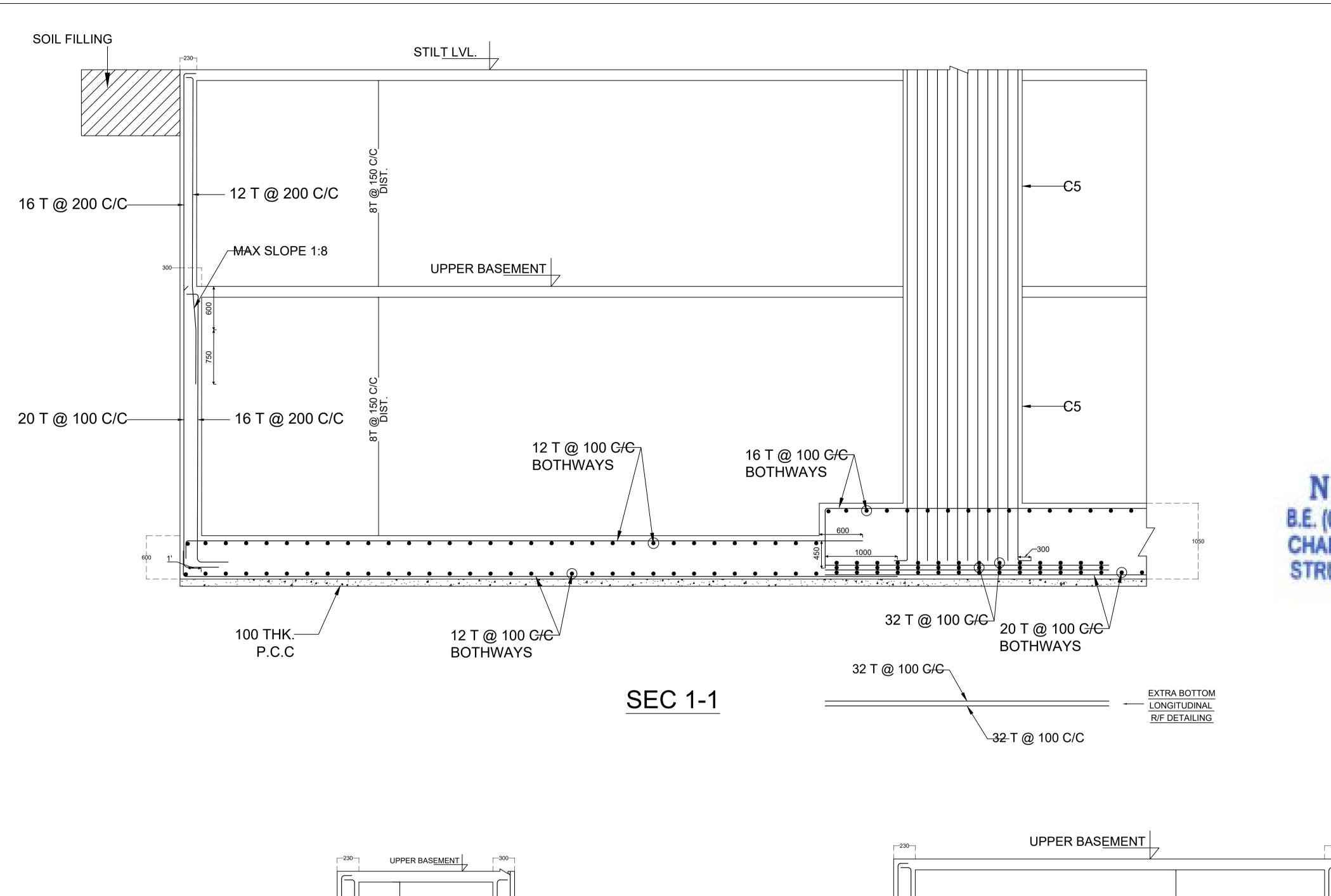
JOB TITLE :- ISHAAN ATULYAM

SHEET TITLE :- R.C.C. PLAN FOR FOUNDATION LEVEL SHOWING BOTTOM EXTRA REINFORCEMENT

JOB NO :-

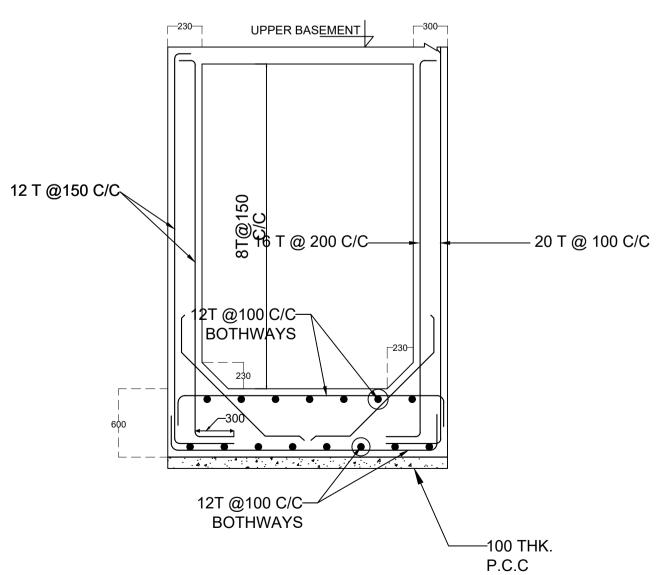
DWG NO :- 03



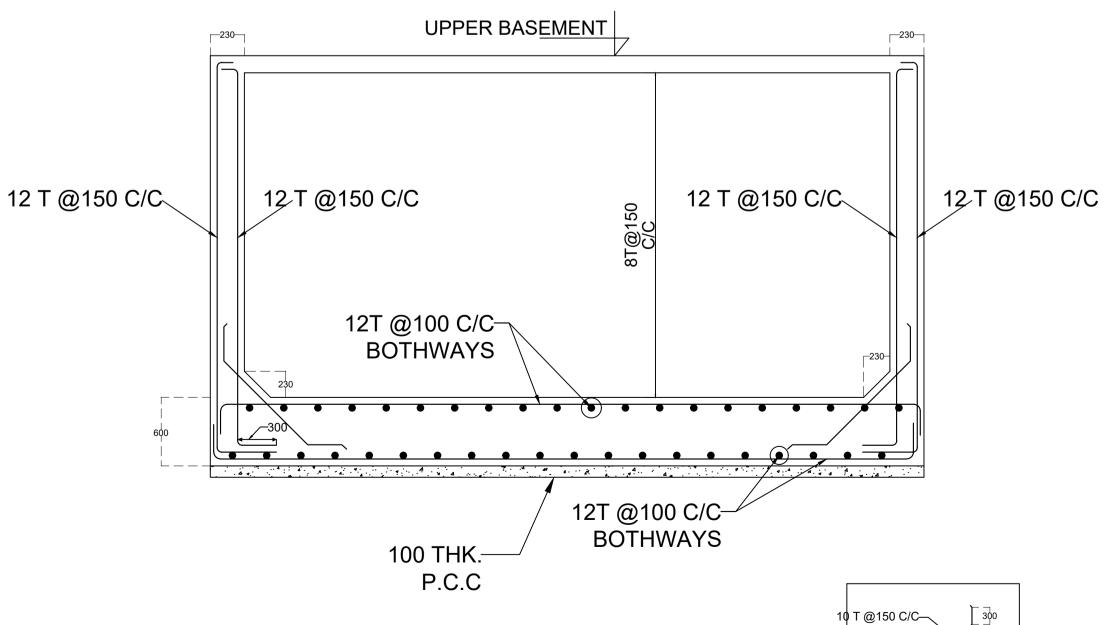




TYPICAL HAUNCH DETAIL

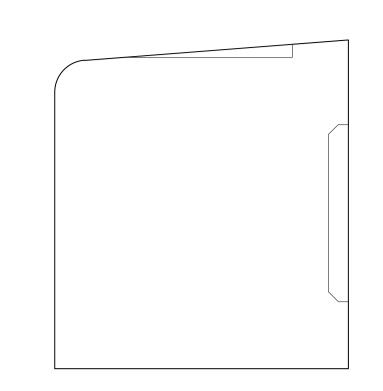


SEC - 7-7



SEC - 3-3





KEY PLAN

NOTES :-

* CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN - M40 & RAFT FOOTING: M30

FOR RAFT COLUMN JUNCTION AS PER RAFT

* CEMENT O.P.C.53/P.P.C.GRADE ONLY.
* W/C RATIO 0.45.

* CLEAR COVER TO MAIN R / F :-

FOOTING.......50 MM. RETAINING WALL.......25 MM. COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM

C . C . (150) 1 :4 : 8 MUST BE LAID BELOW FOUNDATION .

COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAN

NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN

* THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITE

* FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF COM

AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

* *= DIMENSION TO BE CONFIRM @ SITE

SBC ASSUMED - 40 T/M²

LAP LENGTH 1	ΓABLE :-			
CONCRETE	BEAM / SLAB		COLUMN	
MIX.	Fe 415	Fe 500	Fe 415	Fe 500
M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA
M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA
M40 & ABOVE	30 X DIA	36 X DIA	25 Y DIA	30 X DIA

REV	DATE	REVISION NOTE

PURPOSE OF ISSUE:- VALID FOR APPROVAL DATE:- 24/04/2024

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DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT:- R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

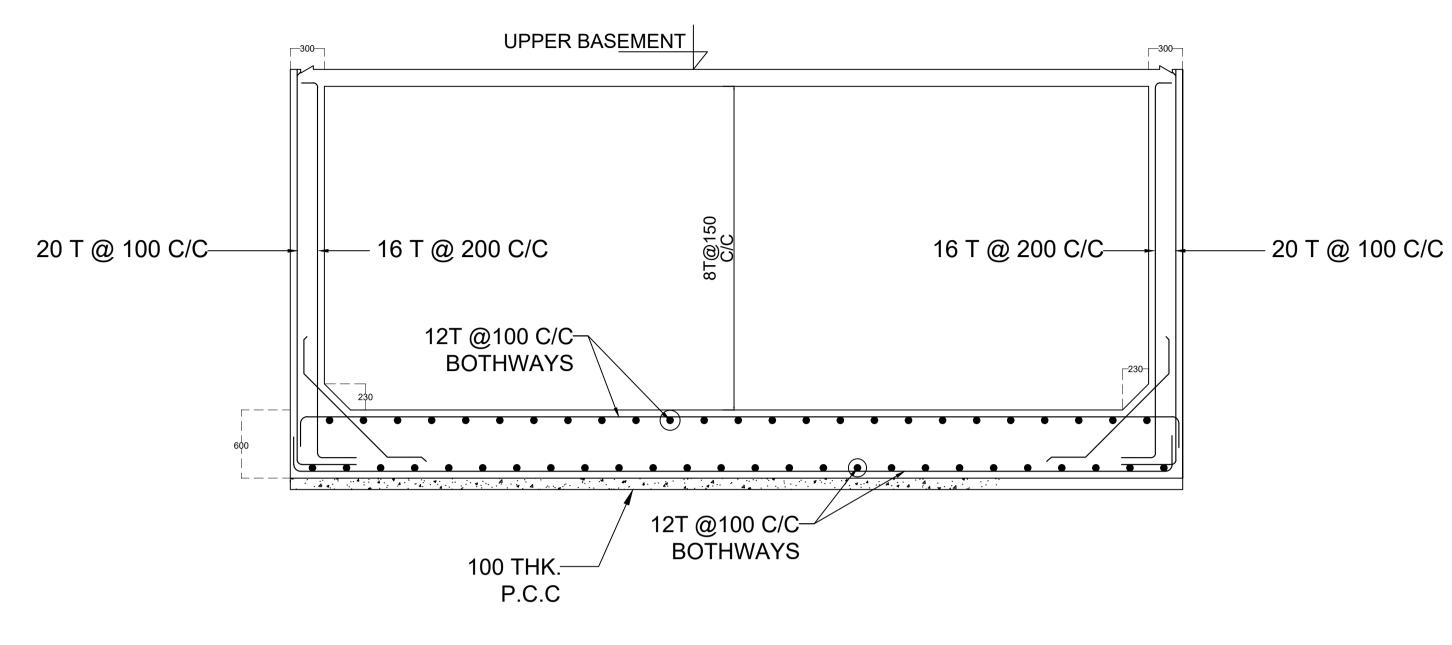
LOCATION :- UDAIPUR

SHEET TITLE :- R.C.C. PLAN FOR FOUNDATION LEVEL SECTION DETAILS

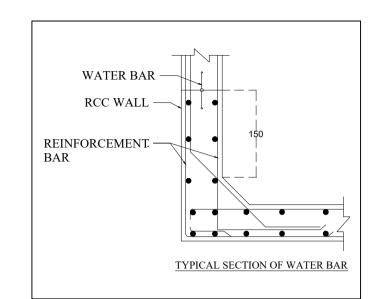
JOB NO :- J-306 DWG NO :- 04



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10 T @150 C/C-TYPICAL HAUNCH DETAIL

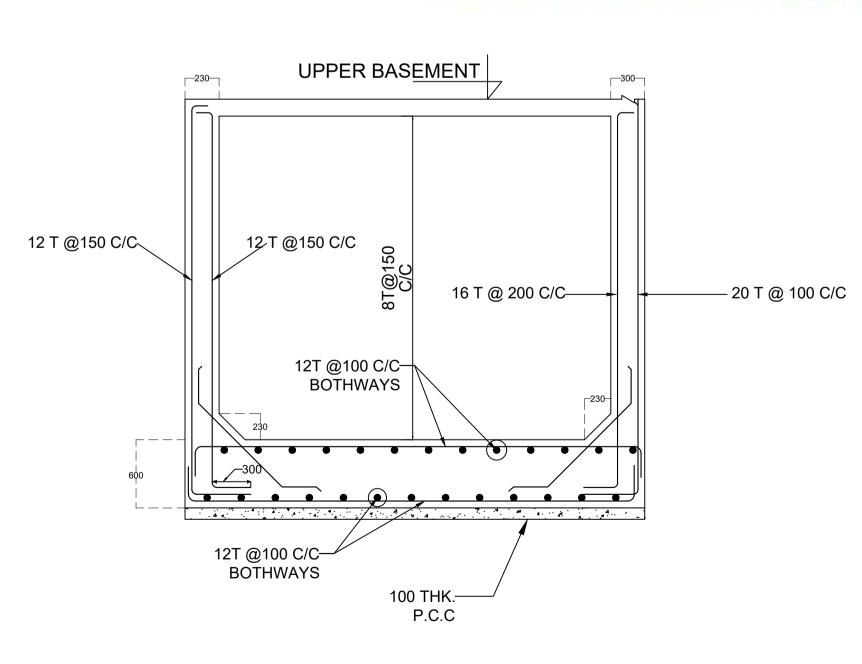


SEC - 4-4

NOTE : - 1) MUST ADD CRYSTALLINE WATER PROOFING COMPOUND IN CONCRETE MIX RATIO i.e. 3KG CRYSTALLINE COMPOUND / CUM OF CONCRETE.

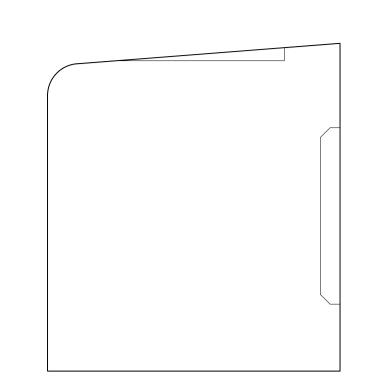
2) WATER BAR SHOULD BE PLACED AT CONSTRUCTION JOINT OF SLAB AND WALL WHOSE TYPICAL SECTION HAS BEEN SHOWN BELOW.





SEC - 6-6





KEY PLAN

NOTES :-

- \star CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY .
- FOR COLUMN M40 & RAFT FOOTING: M30 FOR RAFT COLUMN JUNCTION AS PER RAFT
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM. RETAINING WALL......25 MM. COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * ALL STEEL CONFIRMING TO I.S. 1786 / Fe 550 FOR COLUMN AND REST Fe 500.
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT
- * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE
- * SBC ASSUMED 40 T/M²

	LAP LENGTH TABLE :-					
	CONCRETE	BEAM / SLAB		COLUMN		
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
	M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	

REV	DATE	REVISION NOTE

PURPOSE OF ISSUE:- VALID FOR APPROVAL DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS

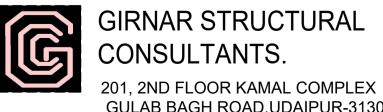
ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM LOCATION :- UDAIPUR

SHEET TITLE :- R.C.C. PLAN FOR FOUNDATION LEVEL SECTION DETAILS

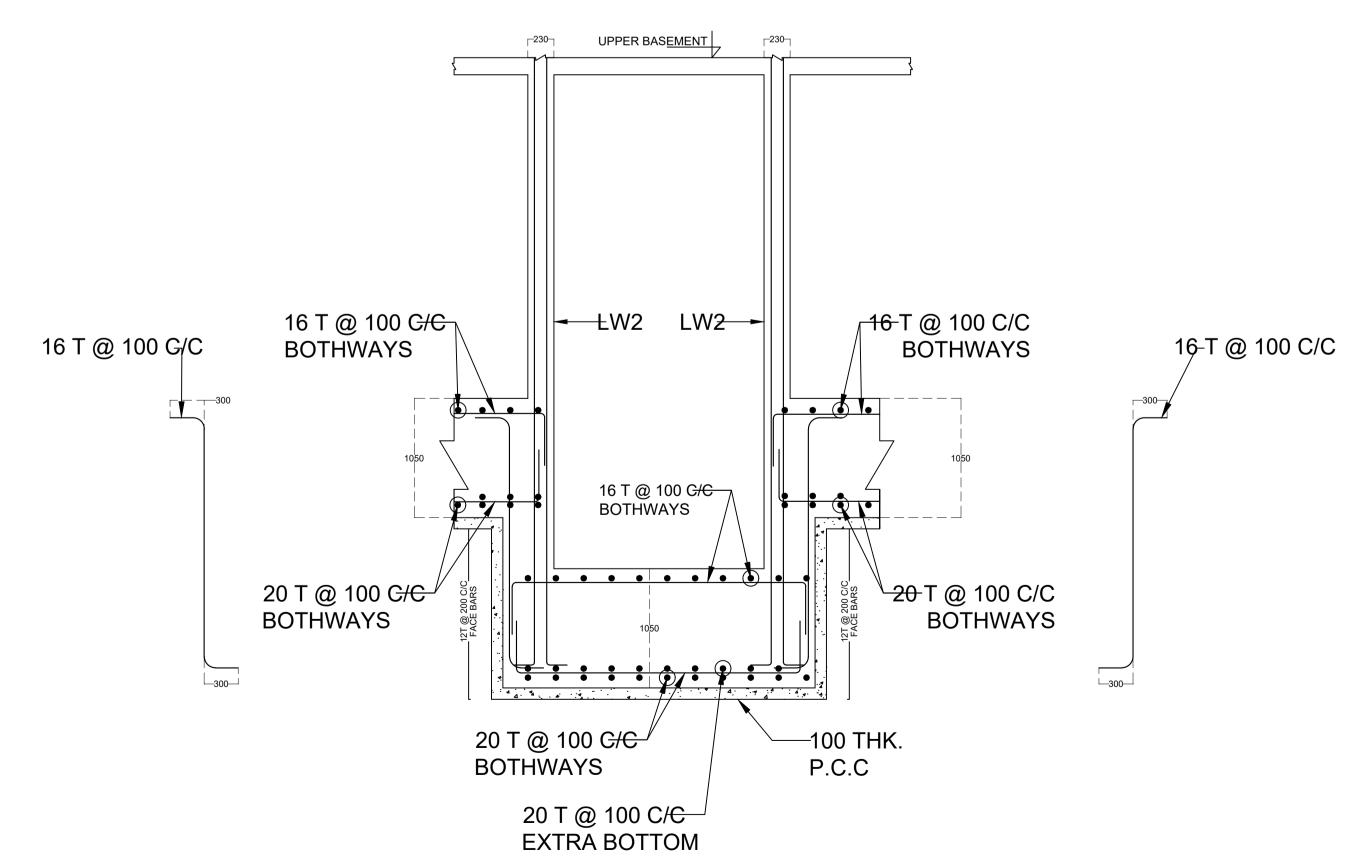
JOB NO :-J-306

DWG NO :- 05

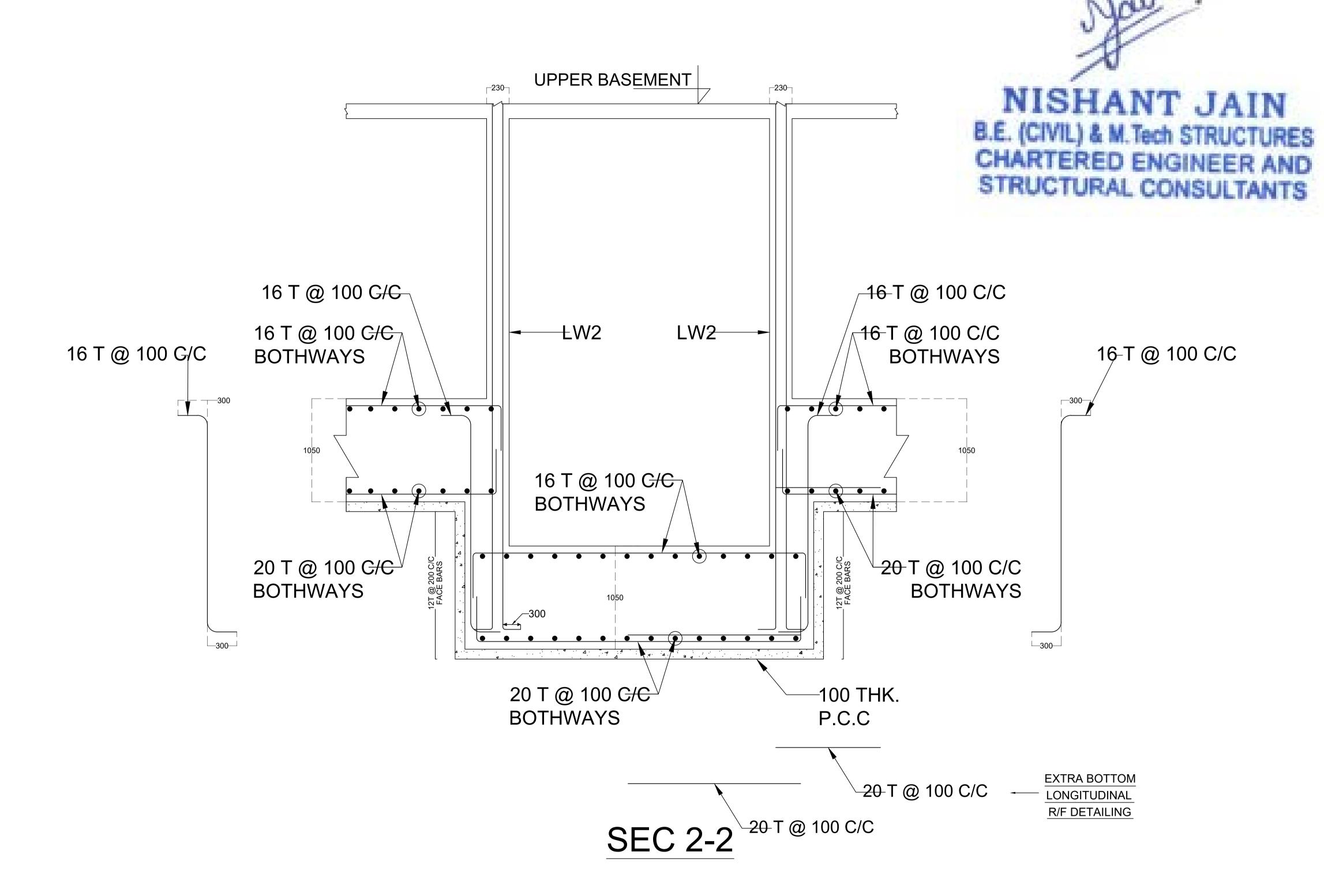


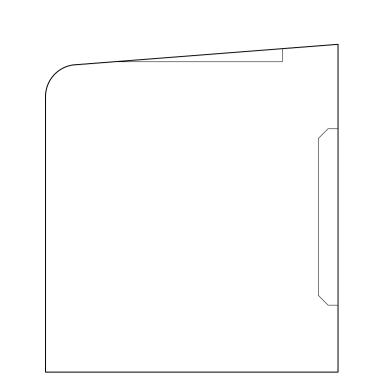
GIRNAR STRUCTURAL CONSULTANTS.

GULAB BAGH ROAD, UDAIPUR-313001 TEL:- 0294-2410551/9975392332 E-mail :- nishantjain.1990@gmail.com



SEC 5-5





KEY PLAN

NOTES :-

* CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN - M40 & RAFT FOOTING: M30 FOR RAFT COLUMN JUNCTION AS PER RAFT

* CEMENT O.P.C.53/P.P.C.GRADE ONLY.

* W/C RATIO 0.45.

* CLEAR COVER TO MAIN R / F :-FOOTING......50 MM. RETAINING WALL......25 MM.

COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM

* P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION

* CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT

FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR

AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

* *= DIMENSION TO BE CONFIRM @ SITE

* SBC ASSUMED - 40 T/M²

LAP LENGTH	TABLE :-			
CONCRETE	BEAM	/ SLAB	COLUMN	
MIX.	Fe 415	Fe 500	Fe 415	Fe 500
M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA
M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA
MAO 8 ABOVE	20 V DIA	26 V DIA	OF V DIA	20 V DIA

Į	M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	
REV	DATE			I	REVISION NOTE	

PURPOSE OF ISSUE:- VALID FOR APPROVAL DATE:- 24/04/2024

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	NAME	DATE	REV. NO :- R0
DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM LOCATION :- UDAIPUR

SHEET TITLE :- R.C.C. PLAN FOR FOUNDATION LEVEL SECTION DETAILS

JOB NO :-

GIRNAR STRUCTURAL

DWG NO :- 06

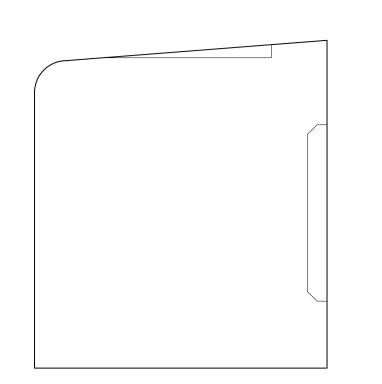
LOWER AND UPPER BASEMENT LEVEL

COLUMN LINK DETAIL:

COLUMN L	<u> INK DETAIL :-</u>					
	<u>C-1 (300X1950)</u>	C-2 (300X2100)	<u>C-3 (300X2100)</u>	<u>C-4 (300X1950)</u>	<u>C-5 (300X1650)</u>	<u>C-6 (300X1200)</u>
LOWER & UPPER BASEMENT FLOOR LVL.	162'-6" 8-32T 10-25T 8-32T 25' [] [] [] []	25 [] [] [] [] [] [] [] []	175'————————————————————————————————————	162'-6" 8-32T 10-25T 8-32T 25' [] [] [] []	137'-6" 7-3120-215-132T 25' [] [] [] []	100'- 16-25T- 25' [] [] []]
(M40)						
	<u>C-7 (300X1400)</u>	<u>C-8 (300X1400)</u>	<u>C-9 (300X1200)</u>	<u>C-10 (300X1650)</u>	<u>C-11 (300X2250)</u>	C-12 (230X1200)
LOWER & UPPER BASEMENT	116'-8" 18-25T 25' [] []]	116'-8" 18-25T 25' [[] []]	100' 16-25T 25' [[] []]	137'-6" 7-320-2%-B2T 25'	187'-6"————————————————————————————————————	100'- 16-25T- 19'-2'
FLOOR LVL. (M40)						
	C-13 (230X1200)	<u>C-14 (230X1200)</u>	<u>C-15 (230X1200)</u>	<u>C-16 (300X2250)</u>	C-17 (300X2250)	C-18 (230X1200)
LOWER & UPPER BASEMENT	100' 4-32¼-32T 8-25T	100' 4-32¼-32T 8-25T	100' 16-25T 19'-2" [] [] []	25 [] [] [] [] [] [] [] [] [] [25 [] [] [] [] [] [] [] [] [] [100'- 16-25T- 19'-2'
FLOOR LVL. (M40)						
	C-19 (230X1200)	C-20 (230X1200)	C-21 (230X1200)	C-22 (300X2250)	C-23 (300X1650)	<u>C-24 (300X1200)</u>
LOWER & UPPER BASEMENT	100'-4-32T-32T-8-25T-19'-2" [] [] [] [] []	100' 4-3274-32T 8-25T	100' 16-25T 19'-2"	25 [] [] [] [] [] [] [] [] [] [137'-6" 7-3120-215-132T	100'- 16-25T- 25' [] [] []
FLOOR LVL. (M40)						
	<u>C-25 (300X1400)</u>	<u>C-26 (300X1400)</u>	<u>C-27 (300X1200)</u>	<u>C-28 (300X1650)</u>	<u>C-29 (300X1950)</u>	<u>C-30 (300X2100)</u>
LOWER & UPPER BASEMENT	116'-8" 18-25T	116'-8" 18-25T 25'	100' 16-25T 25' [] [] []	137'-6" 7-320-28-B2T 25'	162'-6" 8-32T 10-25T 8-32T 25' [] [] [] []	25 [] [] [] [] [] []
FLOOR LVL. (M40)						
	<u>C-31 (300X2100)</u>	C-32 (300X1950)	LW1 (230 Th	HK.)	<u>LW2 (230 THK.)</u>	
LOWER & UPPER BASEMENT FLOOR LVL. (M40)	25 11 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	162'-6" 8-32T 10-25T 8-32T 25'	173'	'-4" -20T	-240'- 19'-2"- 14-2	20T—
* Note - TH	IROUGHOUT COLUMN	N LINKS 8T @ 6"C/C		-20T	19'-2': 111111111111111111111111111111111111	20T



ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY.
- FOR COLUMN M40 & RAFT FOOTING: M30 FOR RAFT COLUMN JUNCTION AS PER RAFT
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W / C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.

 * ALL STEEL CONFIRMING TO I.S. 1786 / Fe 550 FOR COLUMN AND REST Fe 500.
- LL STEEL CONFININING TO 1. S. 1700 / FE 330 FOR COLUMN AND REST FE 3
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT .
 * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

 * *= DIMENSION TO BE CONFIRM @ SITE
- * SBC ASSUMED 40 T/M²

LAP LENGTH TABLE :-						
CONCRETE	BEAM	/ SLAB	COLUMN			
MIX.	Fe 415	Fe 500	Fe 415	Fe 500		
M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA		
M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA		
M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA		

EV	DATE	REVISION NOTE

PURPOSE OF ISSUE:- VALID FOR APPROVAL DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :- R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

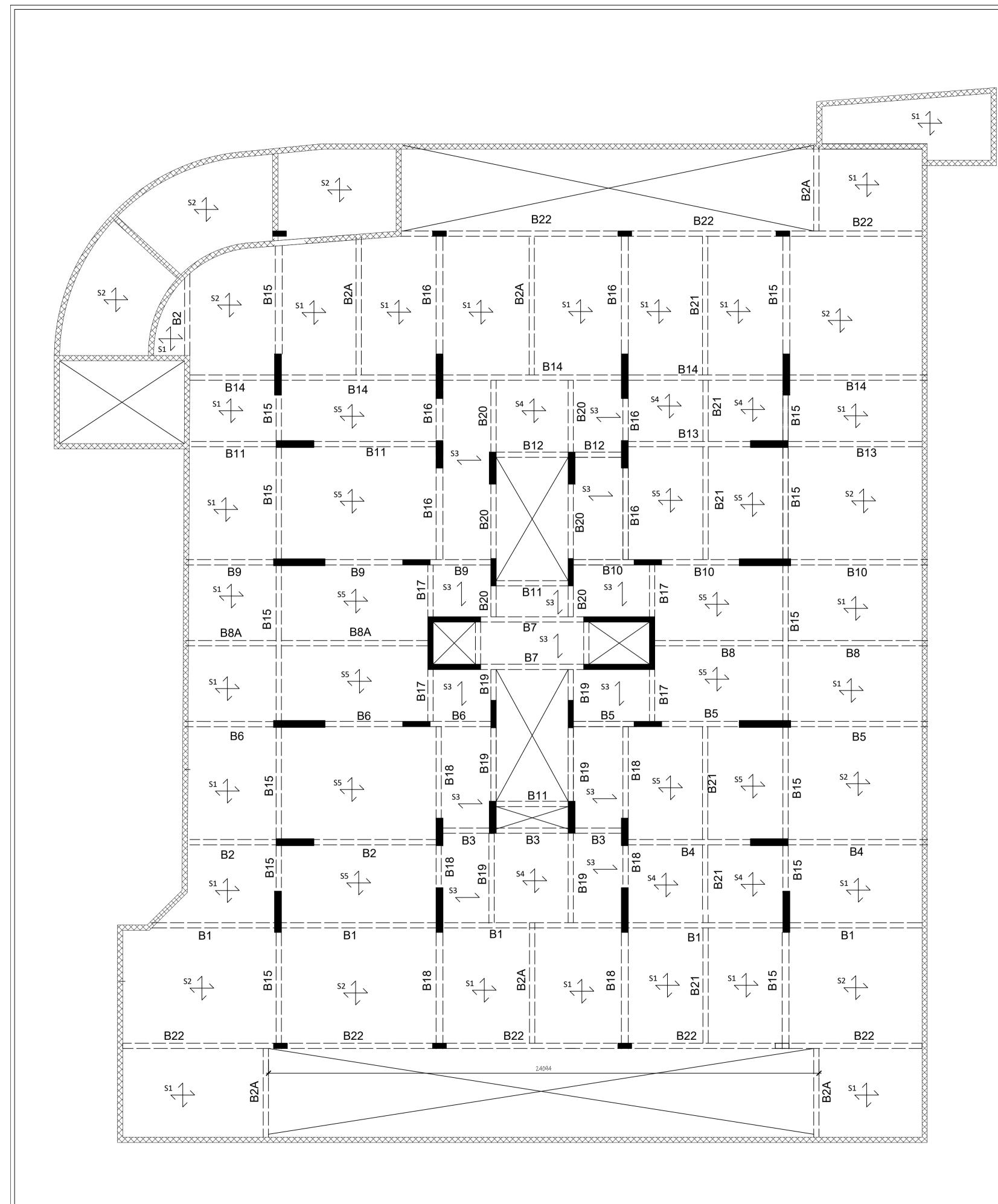
SHEET TITLE :- COLUMN LINK DETAILS

JOB NO :- J-306

DWG NO :- 07

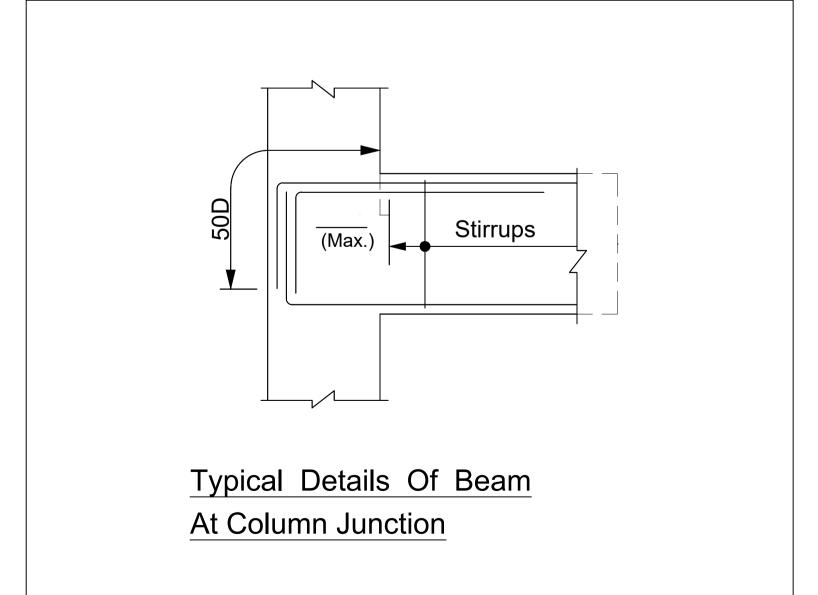


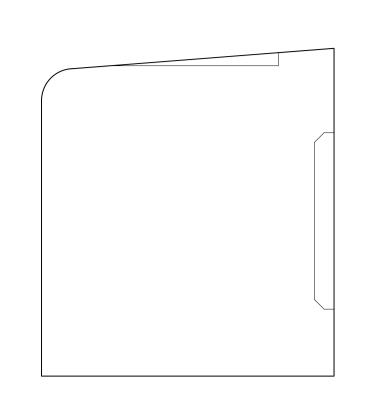
GIRNAR STRUCTURAL CONSULTANTS.





	STILT FLOOR SLAB						
SLAB NO.	THICKNESS	MAIN STEEL		SECONDARY STEEL		DEMARKS	
SLAD NO.	THICKNESS	Т/ф	SPACING	Т/ф	SPACING	REMARKS	
S1	150	10ф	100	10ф	150	TWO WAY	
S2	150	10ф	100	10ф	100	TWO WAY	
S3	150	8ф	150	8ф	8"	ONE WAY	
S4	150	8ф	100	8ф	200	TWO WAY	
S 5	150	10ф	125	10ф	175	TWO WAY	





KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN M40 & RAFT FOOTING: M30
- FOR BEAM & SLAB M25
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM. COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM . * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT
- * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER. * *= DIMENSION TO BE CONFIRM @ SITE

	LAP LENGTH 1	TABLE :-					
	CONCRETE	BEAM	/ SLAB	COLU	JMN		
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500		
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA		
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA		
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA		
	M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA		

EV	DATE	REVISION NOTE

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM LOCATION :- UDAIPUR

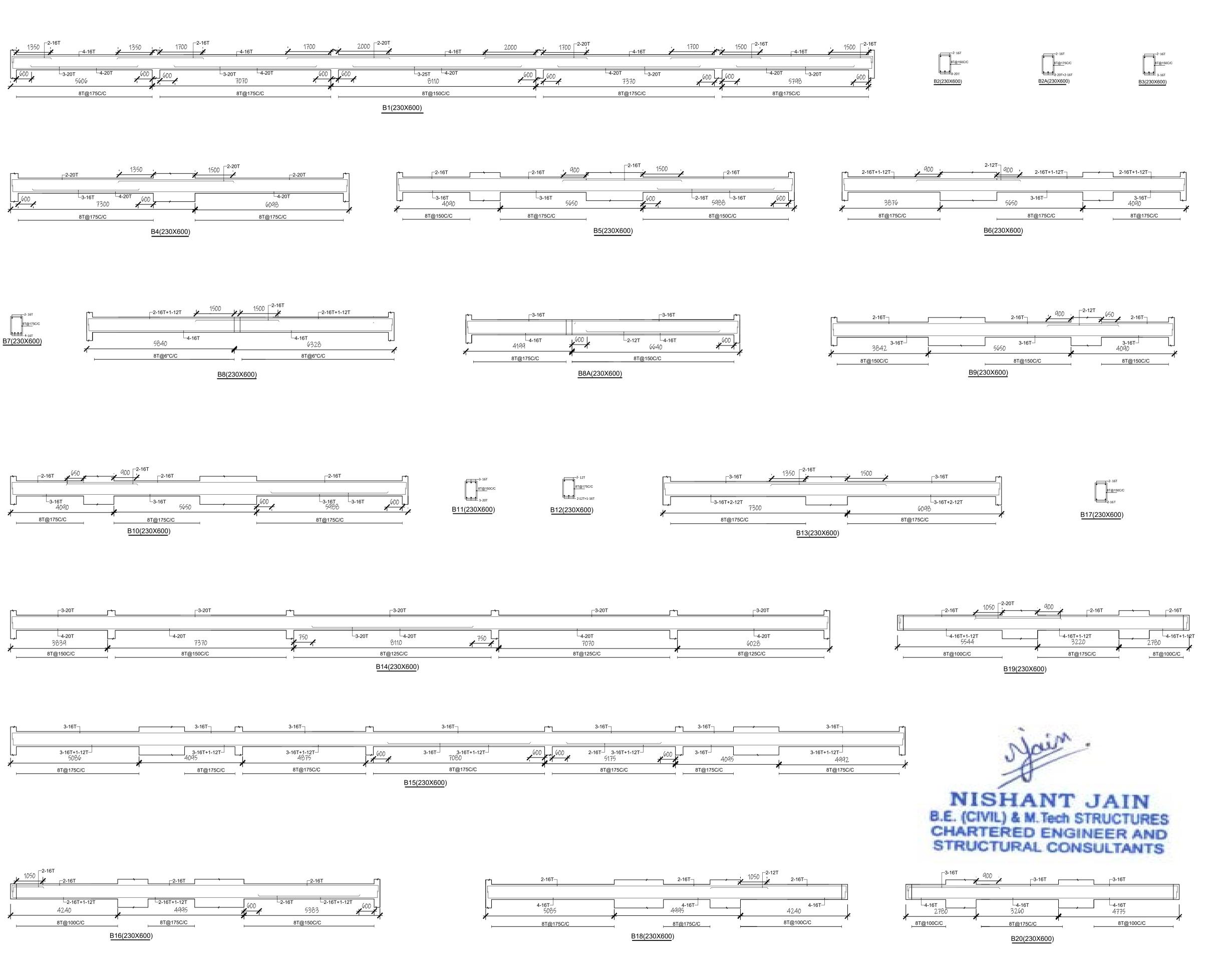
SHEET TITLE:- RCC PLAN FOR UPPER BASEMENT LEVEL

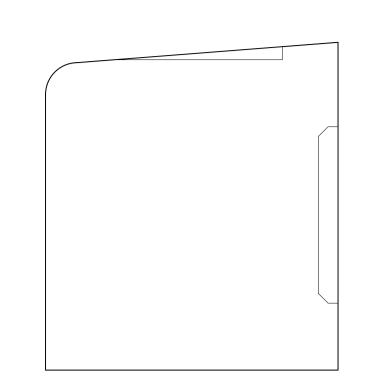
JOB NO :- J-306

DWG NO :- 08



GIRNAR STRUCTURAL





KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN - M40 & RAFT FOOTING: M30
- FOR BEAM & SLAB M25
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM. COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * ALL STEEL CONFIRMING TO 1. S. 1786 / Fe 550 FOR COLUMN AND REST Fe 500.
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM.
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT . * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

	LAP LENGTH 1	TABLE :-			
	CONCRETE	BEAM	/ SLAB	COLU	JMN
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA
	M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA

WHO & ABOVE	30 X BIA 30 X BIA 23 X BIA 30 X BIA	
DATE	REVISION NOTE	

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

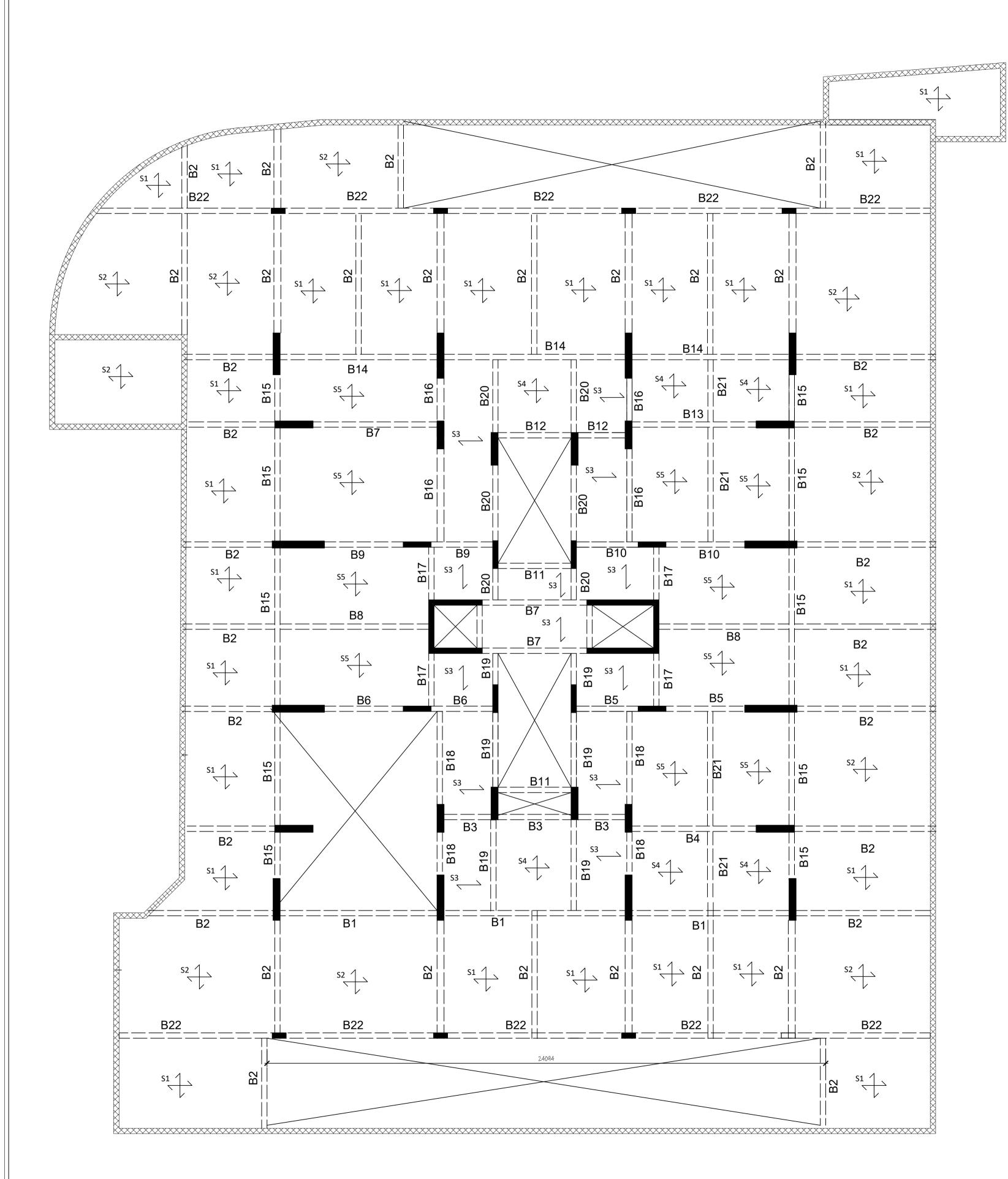
SHEET TITLE:- RCC PLAN FOR UPPER BASEMENT LEVEL

JOB NO :- J-306

DWG NO :- 09

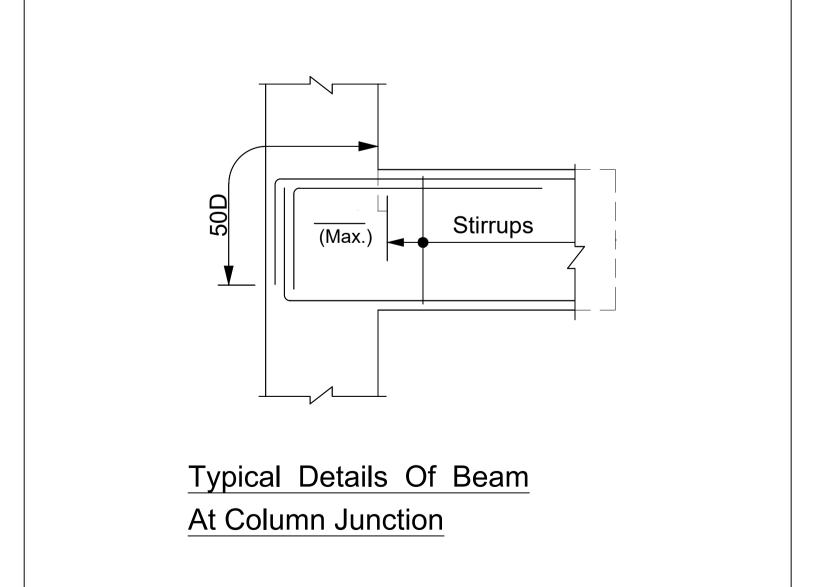


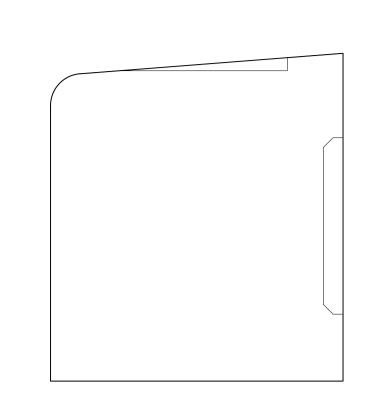
GIRNAR STRUCTURAL





		STI	LT FLOOR SL	AB		
			MAIN STEEL		ONDARY TEEL	DENANDIK
SLAB NO.	THICKNESS	Т/ф	SPACING	Т/ф	SPACING	REMARKS
S1	150	10ф	100	10ф	150	TWO WAY
S2	150	10ф	100	10ф	100	TWO WAY
S3	150	8ф	150	8ф	8"	ONE WAY
S4	150	8ф	100	8ф	200	TWO WAY
S5	150	10ф	125	10ф	175	TWO WAY





KEY PLAN

NOTES :-

* CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN - M40 & RAFT FOOTING: M30

FOR BEAM & SLAB - M25

* CEMENT O.P.C.53/P.P.C.GRADE ONLY.

* W / C RATIO 0.45.

* CLEAR COVER TO MAIN R / F :- FOOTING........50 MM. RETAINING WALL........25 MM.

COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM

* P. C. C. (150) 1:4:8 MUST BE LAID BELOW FOUNDATION.

* ALL STEEL CONFIRMING TO I.S. 1786 / Fe 550 FOR COLUMN AND REST Fe 500.
* COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM.

* CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT .
* NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.

 $^{\star}\,$ THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING

* ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.

* FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR

AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

* *= DIMENSION TO BE CONFIRM @ SITE

		CONCRETE	BEAM / SLAB		COLUMN	
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
		M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
		M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA
		MAD & ABOVE	30 X DIV	36 V DIA	25 V DIA	30 A DIV

REV	DATE	REVISION NOTE

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :- R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

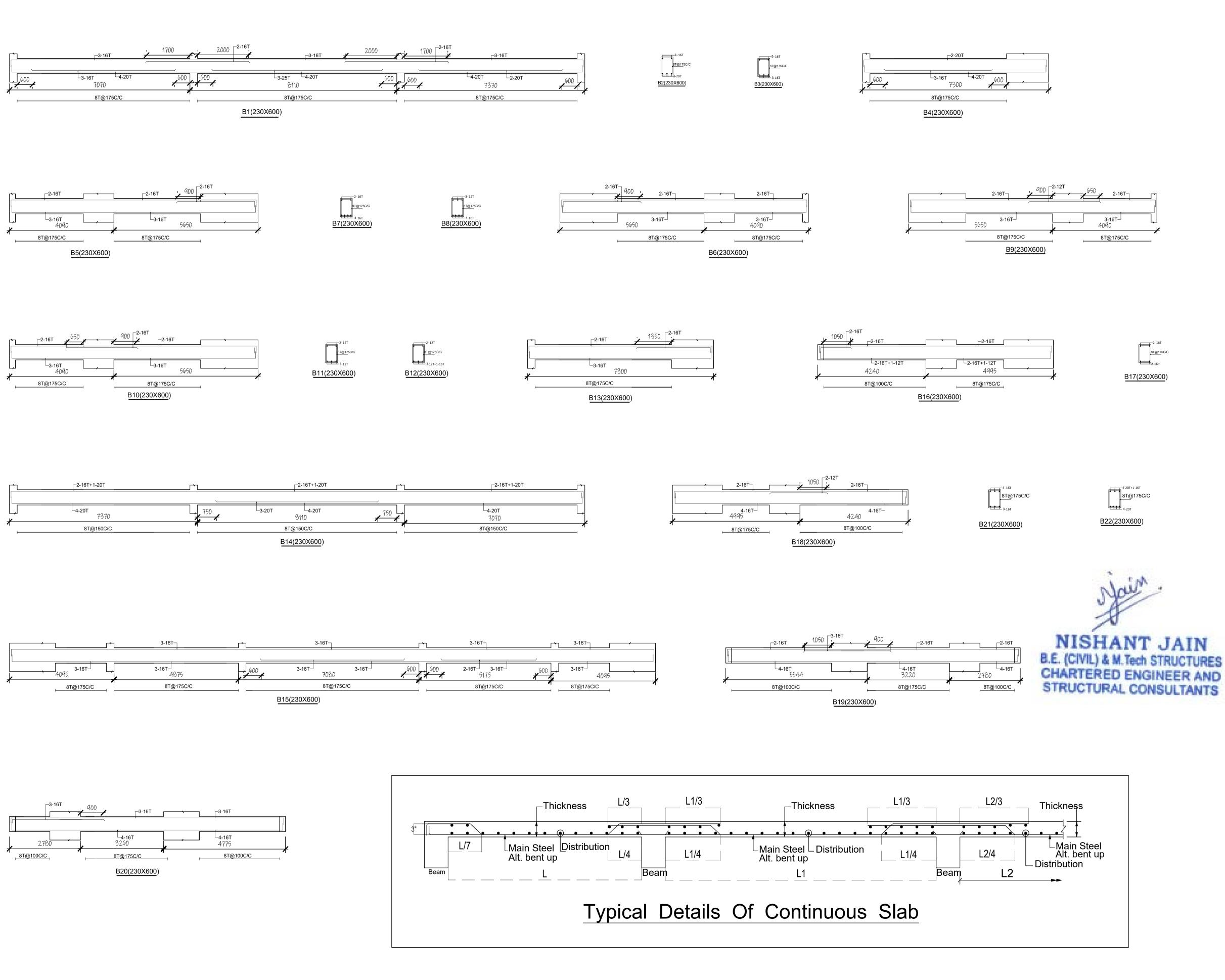
SHEET TITLE :- RCC PLAN FOR STILT LEVEL

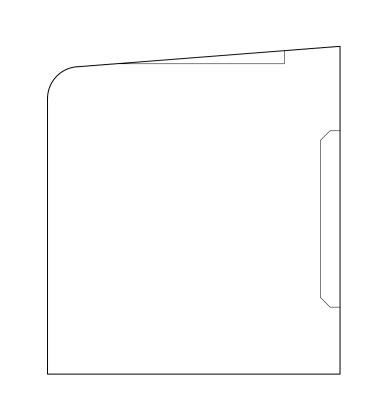
JOB NO :- J-306

DWG NO :- 10



GIRNAR STRUCTURAL CONSULTANTS.





KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR COLUMN - M40 & RAFT FOOTING: M30
- FOR BEAM & SLAB M25
- * CEMENT O.P.C.53/P.P.C.GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM. RETAINING WALL.......25 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * ALL STEEL CONFIRMING TO 1. S . 1786 / Fe 550 FOR COLUMN AND REST Fe 500.
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM. * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT .
- * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN. * THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

		LAP LENGTH TABLE :-					
		CONCRETE	BEAM / SLAB		COLUMN		
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500		
		M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA		
		M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
		M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	

REV DATE **REVISION NOTE**

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- UDAIPUR

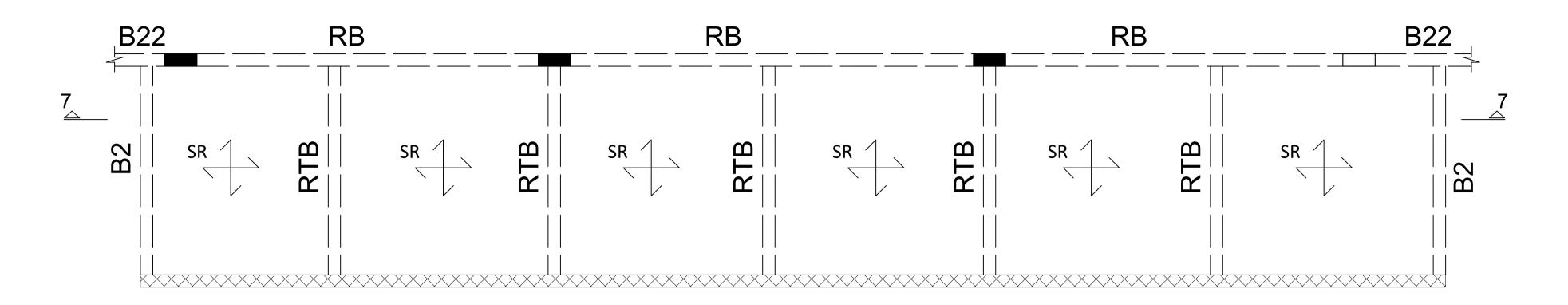
SHEET TITLE:- RCC PLAN FOR STILT LEVEL

JOB NO :- J-306

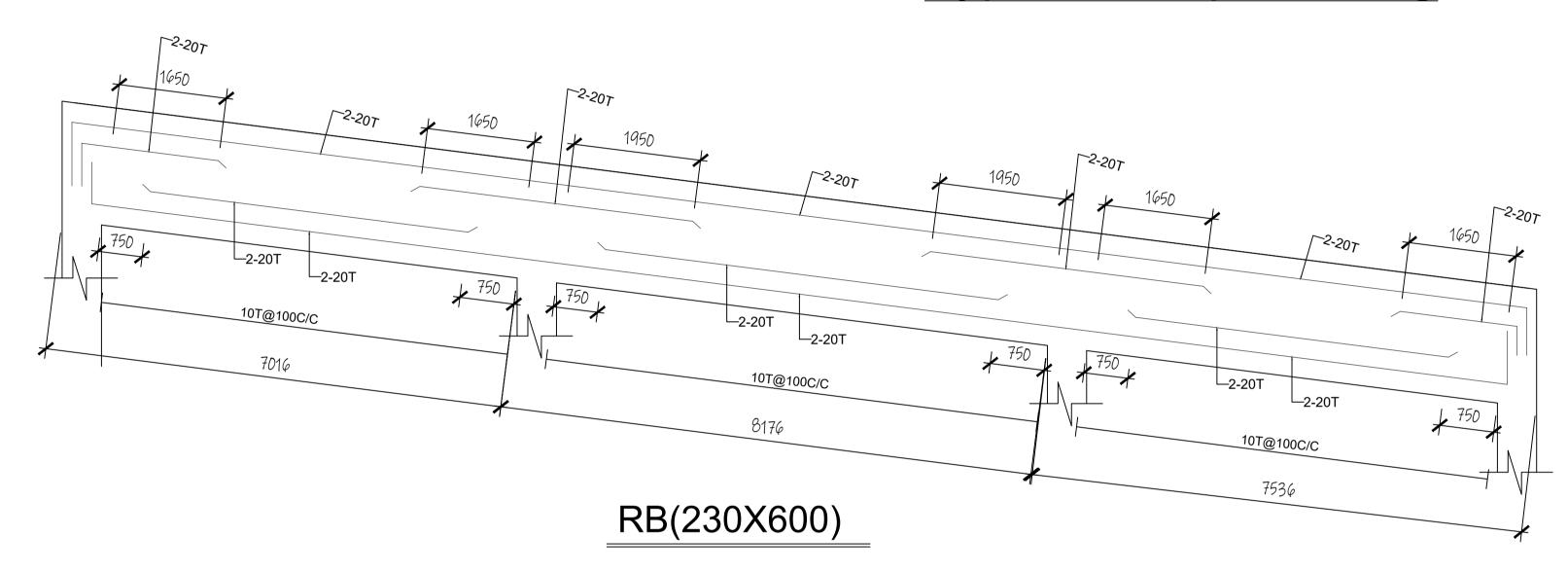
DWG NO :- 11

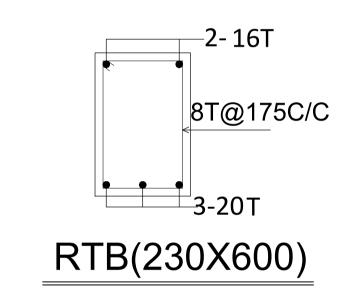


GIRNAR STRUCTURAL



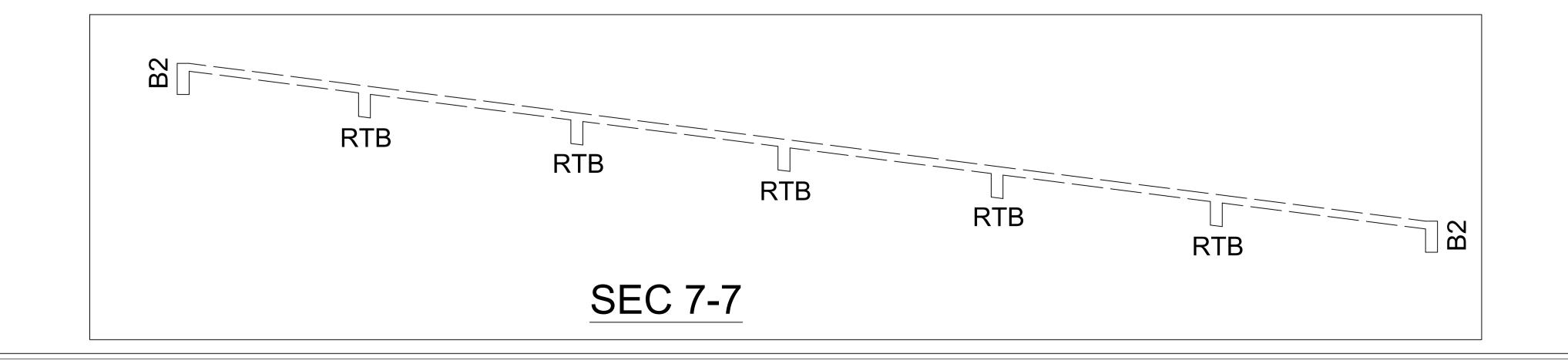
Typical Ramp Framing



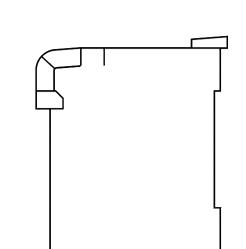


RAMP SLAB						
	THICKNESS	MAIN STEEL		SECONDARY STEEL		DENANDIC
SLAB NO.		Т/ф	SPACING	Т/ф	SPACING	REMARKS
S1	150	10ф	100	10ф	100	DOUBLE MESH (TOP & BOTTOM MESH)





ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY . FOR BEAM AND SLAB M25
- * CEMENT O.P.C.53 GRADE ONLY.
- * W/C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * ALL STEEL CONFIRMING TO I.S. 1786 / Fe 500
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT

- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.

*	*= DIMENSION	TO BI	E CONF	IRM @	SITE

	LAP LENGTH 1	ENGTH TABLE :-				
	CONCRETE	BEAM / SLAB		COLUMN		
	MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
	M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	

REV	DATE	REVISION NOTE

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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	NAME	DATE	REV. NO :- R0
DRN BY :	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

R GATE INFRA PROJECT LLP

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- PLOT NO. 1, ROOP NAGAR, OPP. ARCHI PARADISE ,UDAIPUR (RAJ.)-313001

SHEET TITLE :- TYPICAL RAMP DETAIL

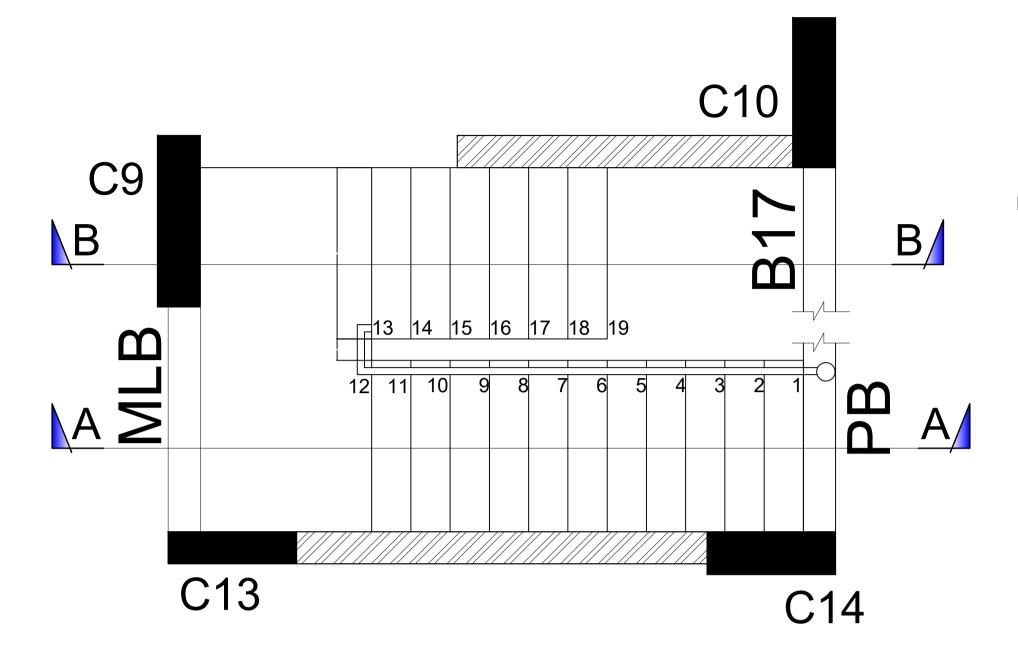
JOB NO :-



GIRNAR STRUCTURAL CONSULTANTS.

DWG NO :- 12



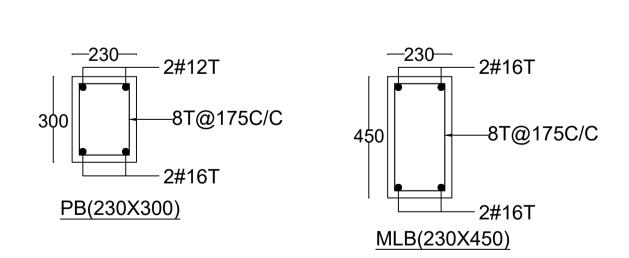


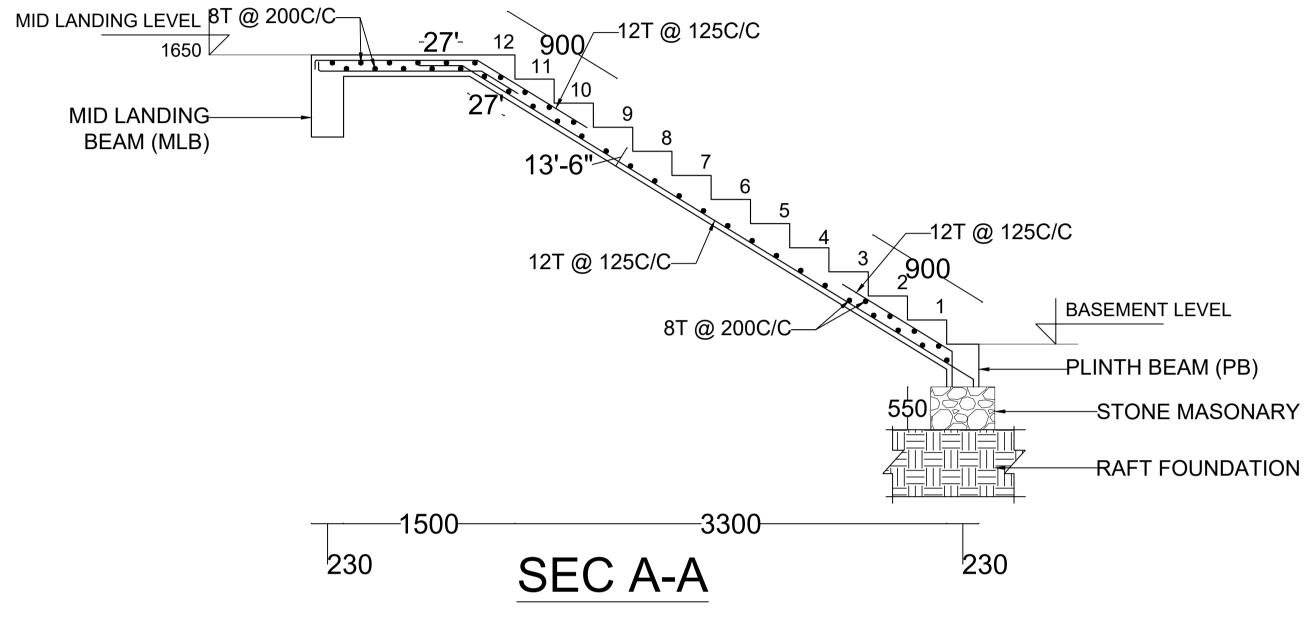
STAIR DETAIL

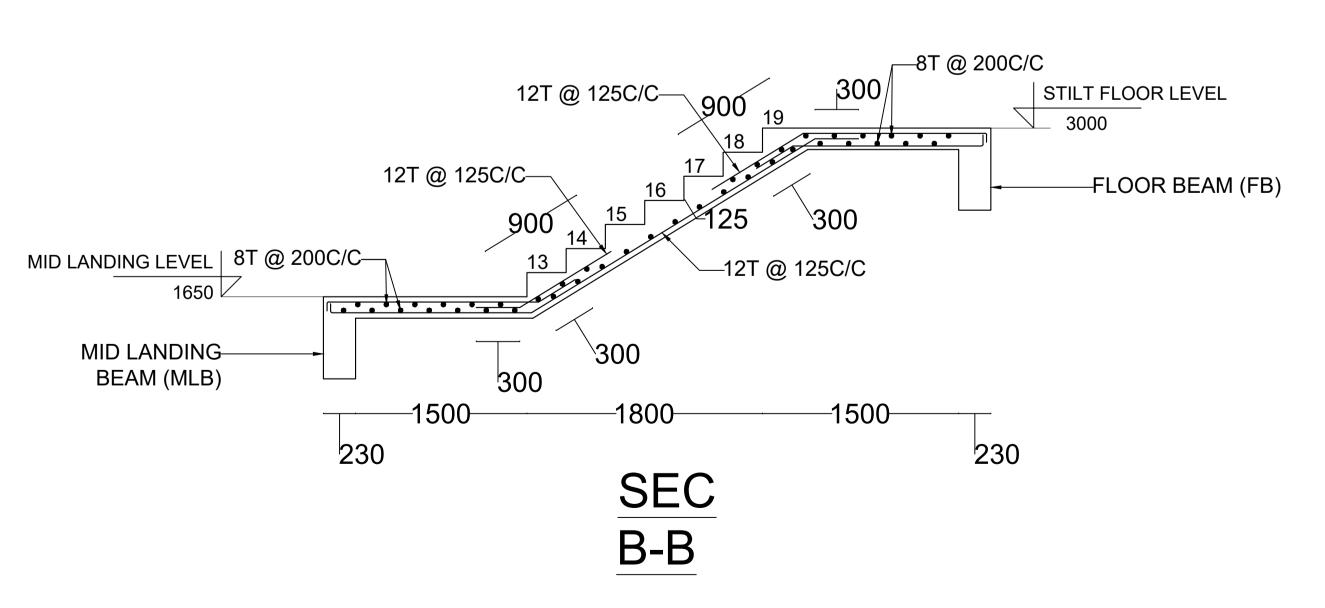
WIDTH 1500 **TREAD** 300 **RISER** 150

NOTATION

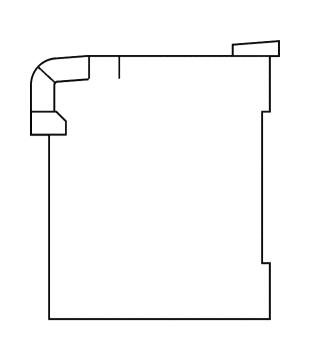
PB- PLINTH BEAM B17- UPPER BASEMENT BEAM MLB- MID LANDING BEAM







ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY . FOR BEAM & SLAB : M25
- * CEMENT O.P.C.53 GRADE ONLY.
- * W / C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM

- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

LAP LENGTH TABLE :-					
CONCRETE	BEAM / SLAB		COLUMN		
MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	

REV	DATE	REVISION NOTE

PURPOSE OF ISSUE :- VALID FOR APPROVAL DATE:- 24/04/2024

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DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECTS LLP

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- PLOT NO. 1, ROOP NAGAR, OPP. ARCHI PARADISE ,UDAIPUR (RAJ.)-313001

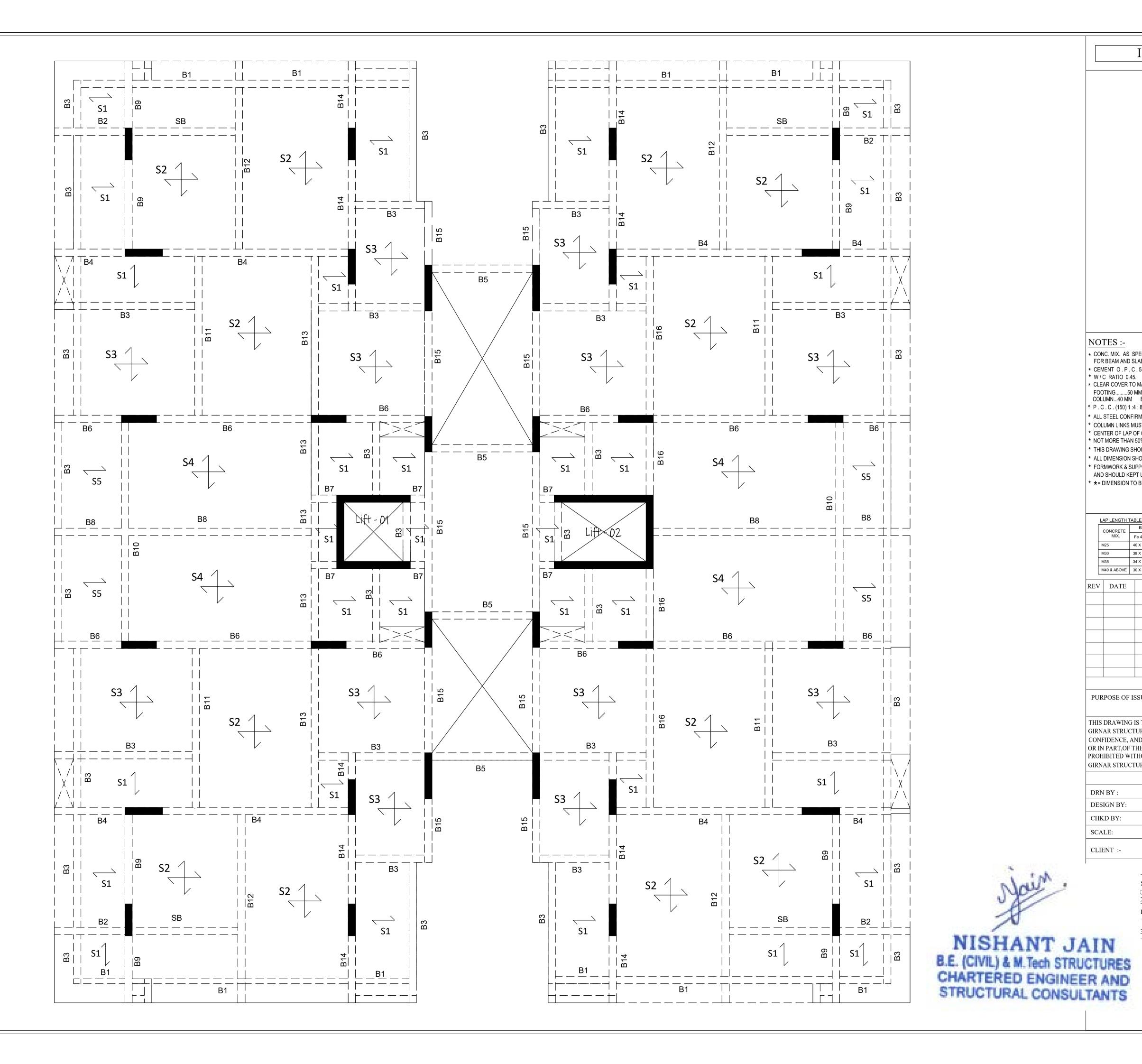
SHEET TITLE:- RCC PLAN FOR STAIRCASE LEVEL

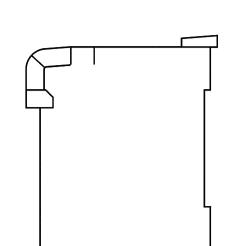
JOB NO :-



GIRNAR STRUCTURAL CONSULTANTS.

DWG NO :- 13





KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR BEAM AND SLAB M25
- * CEMENT O.P.C.53 GRADE ONLY.
- * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM. COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- * ALL STEEL CONFIRMING TO I.S. 1786 / Fe 500
- * COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING
- * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING. * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

	LAP LENGTH	ΓABLE :-			
	CONCRETE	BEAM	/ SLAB	COLUMN	
MIX.		Fe 415	Fe 500	Fe 415	Fe 500
	M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA
	M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA
	M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA

M40 & ABOVE | 30 X DIA | 36 X DIA | 25 X DIA | 30 X DIA

REV	DATE	REVISION NOTE

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DESIGN BY:	NISHANT	24/04/2024	
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SCALE:	N.T.S.		

CLIENT :-R GATE INFRA PROJECT LLP

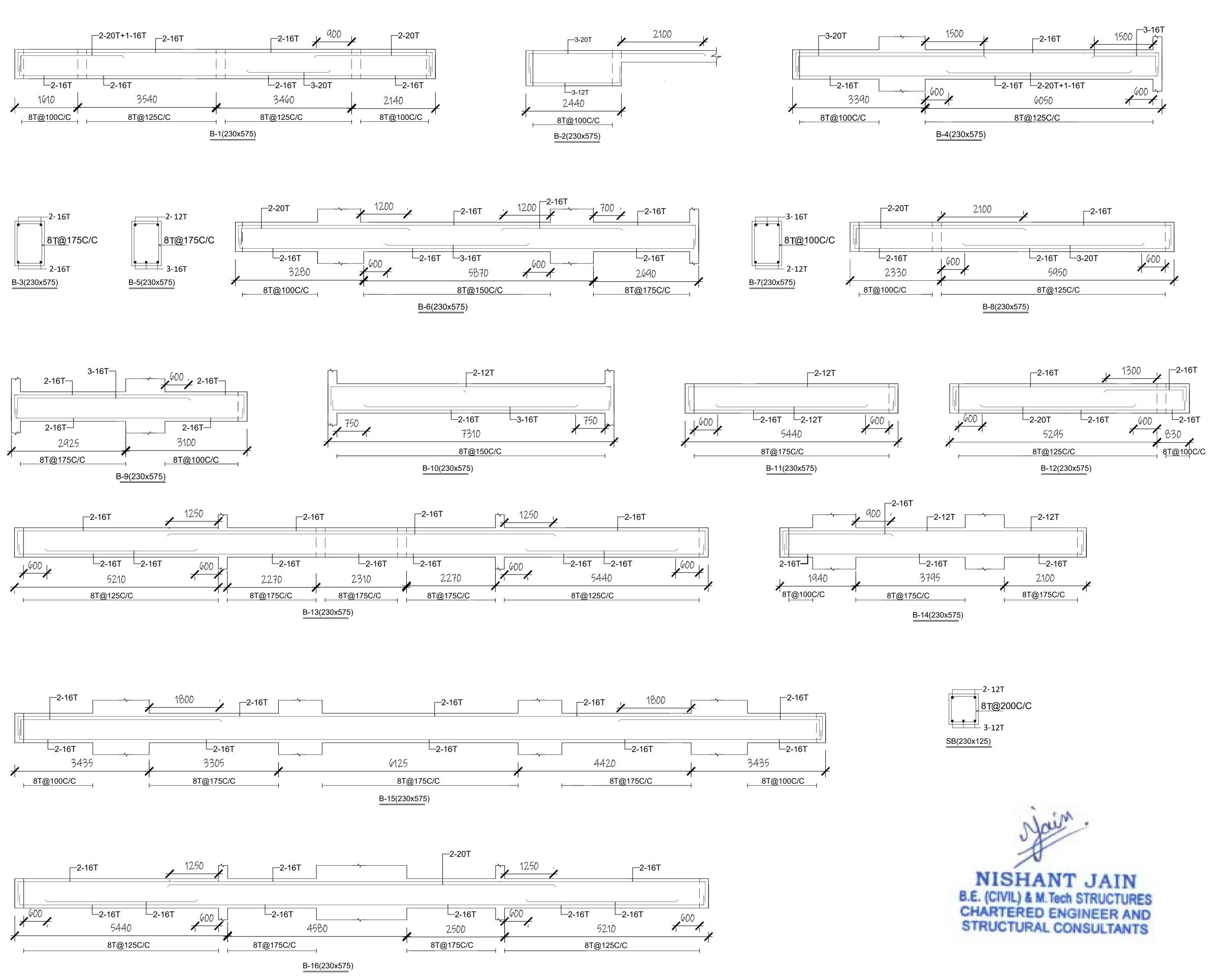
AR. PANKAJ JAIN

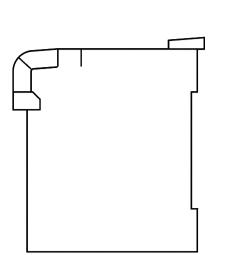
SHAAN ATULYAM OT NO. 1, ROOP NAGAR, OPP. ARCHI PARADISE DAIPUR (RAJ.)-313001

RCC DETAIL FOR SLAB AND BEAM

DWG NO :- 14

GIRNAR STRUCTURAL CONSULTANTS.





KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY. FOR BEAM & SLAB - M25
- * CEMENT O.P.C.53 GRADE ONLY.
- * W/C RATIO 0.45. * CLEAR COVER TO MAIN R / F :-
- FOOTING......50 MM.
- COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.
- ALL STEEL CONFIRMING TO 1. S. 1786 / Fe 500
- COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT. NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
- * THIS DRAWING SHOULD BE READ CONJUCTION WITH RELEVANT ARCHITECT DRAWING * ALL DIMENSION SHOULD BE CONFIRMED WITH ARCHITECT DRAWING.
- * FORMWORK & SUPPORTING SYSTEM IS SOLE RESPONSIBILITY OF CONTRACTOR
- AND SHOULD KEPT UNDER PRIOR SUPERVISION OF SITE ENGINEER.
- * *= DIMENSION TO BE CONFIRM @ SITE

	LAP LENGTH TABLE :-						
		CONCRETE	BEAM / SLAB		COLUMN		
		MIX.	Fe 415	Fe 500	Fe 415	Fe 500	
		M25	40 X DIA	50 X DIA	35 X DIA	40 X DIA	
		M30	38 X DIA	46 X DIA	30 X DIA	37 X DIA	
		M35	34 X DIA	40 X DIA	27 X DIA	32 X DIA	
		M40 & ABOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA	

REV	DATE	REVISION NOTE

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DRN BY:	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		
			•

CLIENT :-ISHAAN ATULYAM

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- PLOT NO. 1, ROOP NAGAR, OPP. ARCHI PARADISE ,UDAIPUR (RAJ.)-313001

SHEET TITLE:- RCC DETAIL FOR SLAB AND BEAM



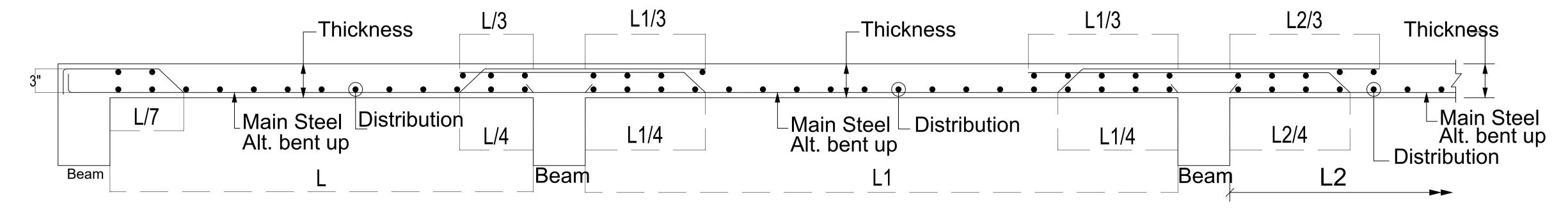
JOB NO :-

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DWG NO :- 15

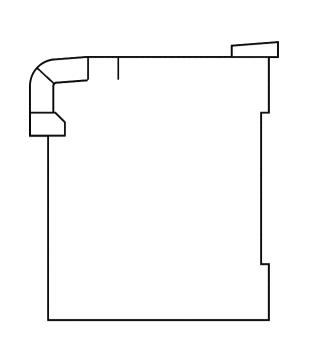
SLAB DETAIL							
SLAB NO.	THICKNESS	MAIN STEEL			ONDARY TEEL		
SLAD NO.	THICKINESS	Т/ф	SPACING	Т/ф	SPACING	REMARKS	
S1	125	8ф	150	8ф	200	ONE WAY	
S2	125	10ф	125	10ф	200	TWO WAY	
S3	125	8ф	150	8ф	200	TWO WAY	
S4	125	10ф	100	10ф	150	TWO WAY	
S5	125	8ф	125	8ф	175	ONE WAY	





Typical Details Of Continuous Slab

ISHAAN ATULYAM



KEY PLAN

NOTES :-

- * CONC. MIX. AS SPECIFIED / WEIGH BATCHING ONLY . FOR BEAM & SLAB : M25
- * CEMENT O.P.C.53 GRADE ONLY.
- * CEMENT O.P.C.53 GRADE ONLY

 * W/C RATIO 0.45.
- * CLEAR COVER TO MAIN R / F :-
- FOOTING.......50 MM.
 COLUMN...40 MM BEAM... 25 MM SLAB... 15 MM
- * P.C.C.(150) 1:4:8 MUST BE LAID BELOW FOUNDATION.

 * ALL STEEL CONFIRMING TO I.S.1786 / Fe 500
- \star COLUMN LINKS MUST BE PROVIDE AT JUNCTION OF COLUMN & BEAM .
- * CENTER OF LAP OF COLUMN SHALL BE AT CENTER OF FLOOR HEIGHT.

 * NOT MORE THAN 50% STEEL TO BE LAPPED AT ANY SECTION FOR COLUMN.
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- * *= DIMENSION TO BE CONFIRM @ SITE

LAP LENGTH TABLE :-					
CONCE	RETE	BEAM	/ SLAB	COLUMN	
MI		Fe 415	Fe 500	Fe 415	Fe 500
M25		40 X DIA	50 X DIA	35 X DIA	40 X DIA
M30		38 X DIA	46 X DIA	30 X DIA	37 X DIA
M35		34 X DIA	40 X DIA	27 X DIA	32 X DIA
M40 & A	BOVE	30 X DIA	36 X DIA	25 X DIA	30 X DIA

	1	
REV	DATE	REVISION NOTE

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	NAME	DATE	REV. NO :- R0
DRN BY:	HARISH		
DESIGN BY:	NISHANT	24/04/2024	
CHKD BY:	NISHANT		
SCALE:	N.T.S.		
			•

CLIENT :- R GATE INFRA PROJECTS LLP

ARCHITECT :- AR. PANKAJ JAIN

JOB TITLE :- ISHAAN ATULYAM

LOCATION :- PLOT NO. 1, ROOP NAGAR, OPP. ARCHI PARADISE
,UDAIPUR (RAJ.)-313001

SHEET TITLE :- R.C.C. DETAIL OF SLAB & BEAM



GIRNAR STRUCTURAL CONSULTANTS.

DWG NO :- 16