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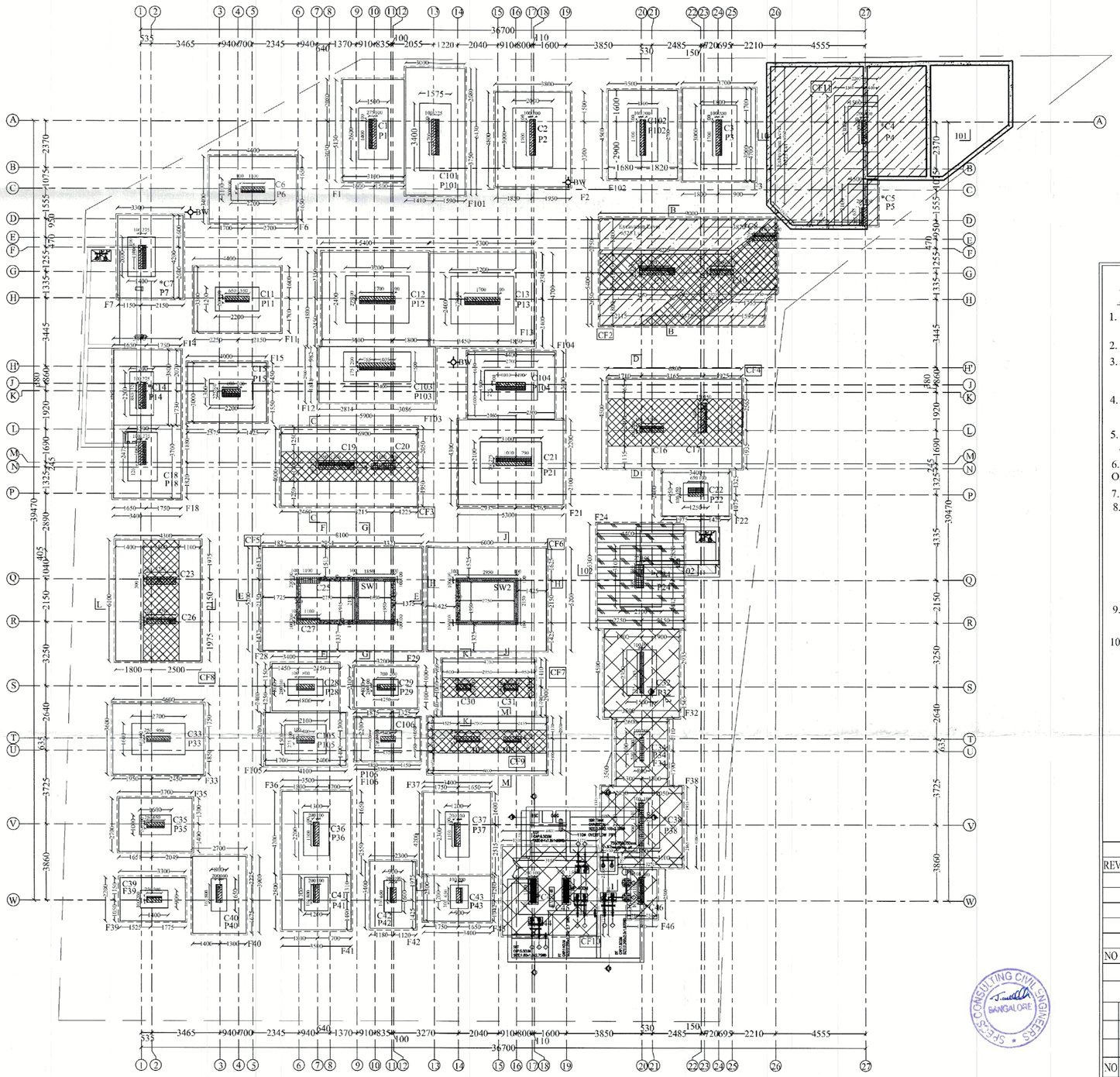
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™





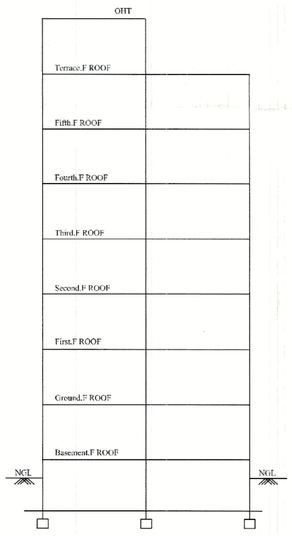
NOTE :
EXTRA COVERING OF 75mm FOR COLUMNS NEED TO BE PROVIDED WHEREVER COLUMNS ARE EXPOSED TO WATER

LEGEND:

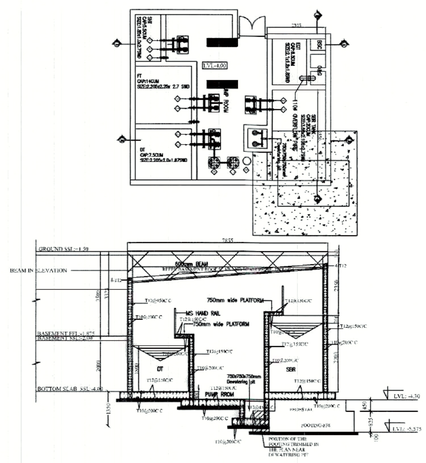
- COLUMN STOPS @ GF ROOF LEVEL
- COLUMN STOPS @ FF ROOF LEVEL
- COLUMN STOPS @ SF ROOF LEVEL
- EXCAVATION LEVEL 5625
- EXCAVATION LEVEL 5800
- EXCAVATION LEVEL 6525

S.B.C OF SOIL =36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3.5M
DESIGNED FOR BASEMENT +GROUND + 5 UPPER FLOOR ONLY

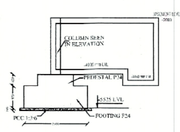
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DWG NO: SP/DB/KE/S-001 AND SHEET NO: 2 OF 2



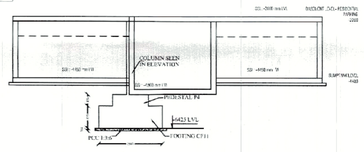
LOAD DIAGRAM



SECTION -2-2

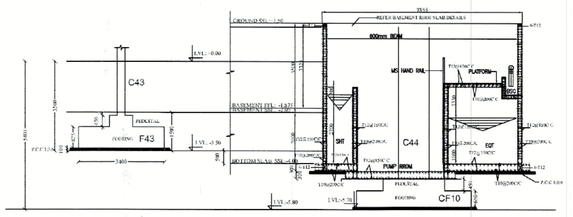


SECTION 102-102



SECTION 101-101

GOOD FOR CONSTRUCTION



SECTION 1-1

NOTES:–

1. CONCRETE MIX : M25 FOR FOOTING AND M35 FOR COLUMNS MENTIONED IN THE SCHEDULE
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR FOOTINGS=50MM ; COLUMNS=40 MM
4. S.B.C OF SOIL= 36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3M
5. DESIGNED FOR BASEMENT+GROUND + 5 UPPER FLOORS ONLY
6. DEPTH OF EXCAVATION = 3.5M Min FROM EGL OR AS PER SITE CONDITION
7. FOUNDATION TO BE LAID ON FIRM SOIL
8. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICE DRAWINGS. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS AND RESOLVED PRIOR TO PROCUREMENT/ EXECUTION OF WORKS.
9. FOLLOW WRITTEN DIMENSIONS, DO NOT SCALE THE DRAWING
10. ALL DIMENSIONS ARE IN MILI METERS UNLESS SPECIFIED OTHERWISE.

	REVISION		
REV NO	DISCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
	ISSUALS		

NO	DESCRIPTION	DATE	SIGN.
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

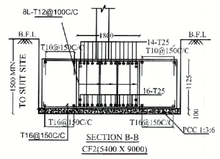
STRUCTURAL CONSULTANTS

Specs
#162 , 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP; MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

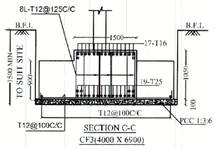
GOOD FOR CONSTRUCTION

DRAWING TITLE :
FOUNDATION PLAN

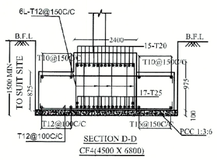
FILE NAME :		SCALE : N.T.S
DESIGN: ANJAN		
DRAWN : SHRADDHA	DATE : 17.02.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-001	REV NO: R0



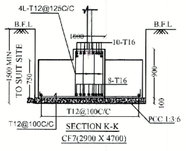
SECTION B-B
CF2(5400 X 9000)



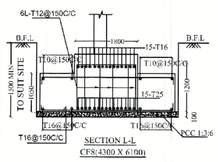
SECTION C-C
CF3(4000 X 6500)



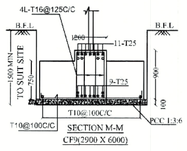
SECTION D-D
CF4(4500 X 6800)



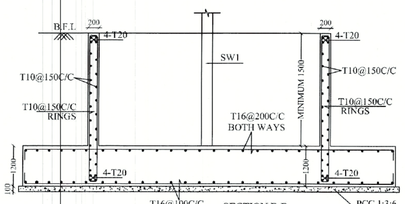
SECTION K-K
CF7(2900 X 4700)



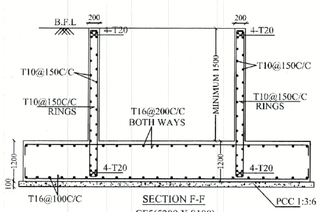
SECTION L-L
CF8(4300 X 6100)



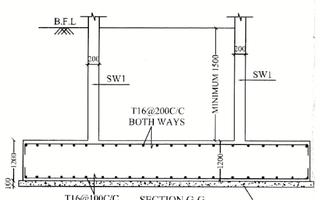
SECTION M-M
CF9(2900 X 6000)



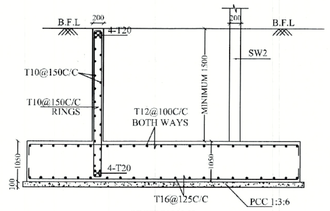
SECTION E-E
CF5(5200 X 8100)



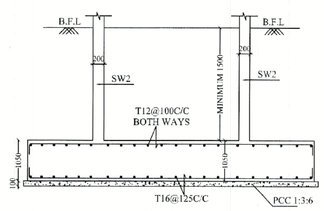
SECTION F-F
CF5(5200 X 8100)



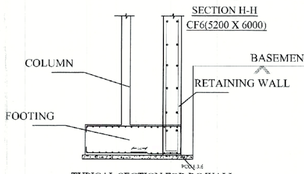
SECTION G-G
CF5(5200 X 8100)



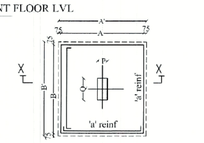
SECTION H-H
CF6(5200 X 6000)



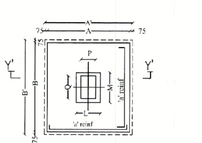
SECTION J-J
CF6(5200 X 6000)



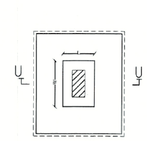
TYPICAL SECTION FOR RC WALL AND COLUMN FOOTING LAPPING



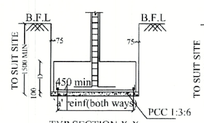
TYPICAL PLAN OF COLUMN FOOTING



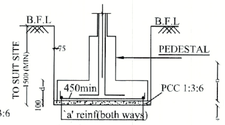
TYPICAL PLAN OF COLUMN FOOTINGWITH PEDESTAL



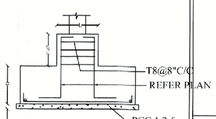
TYPICAL PLAN OF PEDESTAL



TYP SECTION X-X



TYP SECTION Y'-Y'



TYP SECTION U-U

GOOD FOR CONSTRUCTION

S.B.C OF SOIL =36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3.5M
DESIGNED FOR BASEMENT +GROUND + 5 UPPER FLOOR ONLY

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH
DWG NO: SP/DB/KE/S-001 AND SHEET NO: 1 OF 2

FOOTING TABLE						PEDESTAL
FOOTING MARK	EXCAVATION SIZE (AXB)	FOOTING SIZE (AXB)	DEPTH D	REINFORCEMENT 'a' reinf.(both ways)		SIZE (L X W)
F1	3250X5250	3100X5150	900	T12@100C/C		P1(1500X2600X450)
F2	3950X4950	3800X4800	675	T12@125C/C		P2(2000X3000X450)
F3	3850X4850	3700X4700	675	T12@125C/C		P3(1800X3600X450)
CF11	2350X6750	2200X6600	875	TOP T16@100C/C BOTTOM 15@100C/C		P4(1500X2300X450) P5(1500X2100X450)
F6	3550X4550	3400X4400	875	T16@150C/C		P6(1100X2200X450)
F7	3450X4350	3300X4200	825	T12@100C/C		P7(1400X2000X450)
F11	3450X4550	3300X4400	825	T12@100C/C		P11(1200X2200X450)
F12	4950X5550	4800X5400	825	T12@100C/C		P12(2400X3200X450)
F13	4450X5450	4300X5300	875	T16@150C/C		P13(2400X3200X450)
F14	3550X3950	3400X3800	825	T12@100C/C		P14(1200X2200X450)
F15	3150X4150	3000X4000	825	T12@100C/C		P15(1500X2200X450)
F18	3550X3850	3400X3700	825	T12@100C/C		P18(1500X2475X450)
F21	4450X5450	4300X5300	875	T16@150C/C		P21(2100X3100X450)
F22	2550X3550	2400X3400	825	T12@100C/C		P22(950X1250X450)
F24	4550X5450	4400X5300	875	T16@150C/C		P24(2100X3100X450)
F28	2550X3550	2400X3400	650	T12@125C/C		P28(800X1800X450)
F29	2550X3550	2400X3200	750	T12@100C/C		P29(800X1250X450)
F32	3950X4650	3800X4500	825	T12@100C/C		P32(1500X2300X450)
F33	3750X4750	3600X4600	750	T12@100C/C		P33(1600X2700X450)
F34	2750X3650	2600X3500	675	T12@125C/C		P34(800X1800X450)
F35	2850X3850	2700X3700	775	T12@100C/C		P35(1000X1600X450)
F36	3650X4350	3500X4200	825	T12@100C/C		P36(1500X2200X450)
F37	3550X4350	3400X4200	825	T12@100C/C		P37(1200X2300X450)
F38	REFER PLAN		825	T12@100C/C		P38(1800X2800X450)
F39	2850X3450	2200X3300	675	T12@125C/C		P39(900X1400X450)
F40	2850X4050	2700X3900	875	T12@100C/C		P40(800X1650X450)
F41	2950X3650	2800X3500	825	T12@100C/C		P41(1200X1700X450)
F42	2450X3550	2300X3400	750	T12@125C/C		P42(900X1600X450)
F43	2450X3550	2300X3400	825	T12@100C/C		P43(900X1200X450)
F46	1650X2650	1500X2500	650	T12@125C/C		----------
F101	3150X6580	3000X6430	925	T16@150C/C		P101(1575X3400X450)
F102	3650X4650	3500X4500	775	T12@100C/C		P102(1500X2700X450)
F103	2950X6950	2800X6800	825	T12@100C/C		P103(1500X3400X450)
F104	3550X4550	3400X4400	750	T12@125C/C		P104(1500X2700X450)
F105	2850X4250	2700X4100	775	T12@100C/C		P105(1500X2100X450)
F106	2350X3850	2200X3800	750	T12@125C/C		P106(900X1350X450)
CF2	5550Y9150	5400X9000		REFER SECTION B-B		----------
CF3	4150X7050	4000X6900		REFER SECTION C-C		----------
CF4	4650X6950	4500X6800		REFER SECTION D-D		----------
CF5	5350X8250	5200X8100		REFER SECTION E-E,F-F & G-G		----------
CF6	5300X6150	5200X6000		REFER SECTION H-H & J-J		----------
CF7	3050X4850	2900X4700		REFER SECTION K-K		----------
CF8	4450X6250	4300X6100		REFER SECTION L-L		----------
CF9	3050X6150	2900X6000		REFER SECTION M-M		----------
CF10	4650X4950	4500X4800	650	T12@150C/C		P44(2400X3150X450)

PEDESTAL DETAILS						
NO.	BREADTH (W)	LENGTH (L)	DEPTH	REINFORCEMENT (REINF.)		THES
P1	1500	2600	450	T12@125C/C		T8@200C/C
P2	2000	3000	450	T12@125C/C		T8@200C/C
P3	1800	3000	450	T12@125C/C		T8@200C/C
P4	1500	2300	450	T12@125C/C		T8@200C/C
P5	1500	2100	450	T12@125C/C		T8@200C/C
P6	1100	2200	450	T16@125C/C		T8@200C/C
P7	1400	2000	450	T16@125C/C		T8@200C/C
P11	1200	2200	450	T16@125C/C		T8@200C/C
P12	2400	3200	450	T12@125C/C		T8@200C/C
P13	2400	3200	450	T12@125C/C		T8@200C/C
P14	1200	2200	450	T16@125C/C		T8@200C/C
P15	1500	2200	450	T16@150C/C		T8@200C/C
P18	1500	2475	450	T12@125C/C		T8@200C/C
P21	2100	3100	450	T12@125C/C		T8@200C/C
P22	950	1250	450	T10@150C/C		T8@200C/C
P24	2100	3100	450	T10@125C/C		T8@200C/C
P28	800	1800	450	T10@150C/C		T8@200C/C
P29	800	1250	450	T10@150C/C		T8@200C/C
P32	1500	2300	450	T10@125C/C		T8@200C/C
P33	1600	2700	450	T10@125C/C		T8@200C/C
P34	800	1800	600	T10@125C/C		T8@200C/C
P35	1000	1600	450	T10@150C/C		T8@200C/C
P36	1500	2200	450	T10@125C/C		T8@200C/C
P37	1200	2300	450	T10@125C/C		T8@200C/C
P38	1800	2800	450	T10@125C/C		T8@200C/C
P39	900	1400	450	T10@125C/C		T8@200C/C
P40	800	1650	450	T10@150C/C		T8@200C/C
P41	1200	1700	450	T10@125C/C		T8@200C/C
P42	900	1600	450	T10@150C/C		T8@200C/C
P43	900	1200	450	T10@150C/C		T8@200C/C

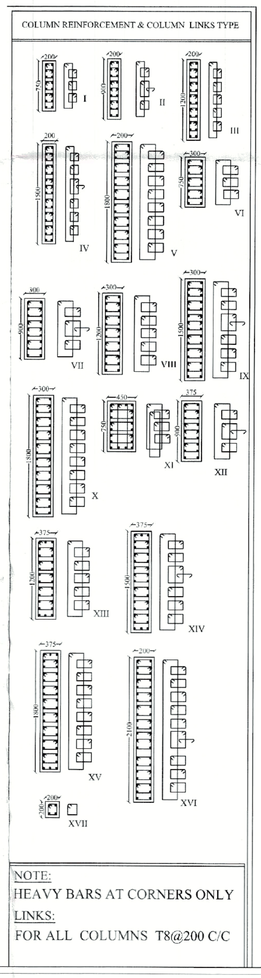
P101	1575	3400	450	T10@150C/C		T8@200C/C
P102	1500	2700	450	T10@150C/C		T8@200C/C
P103	1500	3400	450	T10@150C/C		T8@200C/C
P104	1500	2700	450	T10@150C/C		T8@200C/C
P105	1500	2100	450	T10@150C/C		T8@200C/C
P106	900	1350	450	T10@150C/C		T8@200C/C

P44	2400	3150	450	T10@150C/C		T8@200C/C

COLUMN TABLE

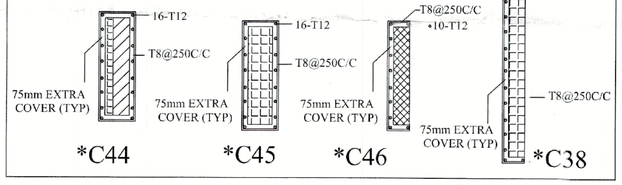
COLUMN SIZE (PXQ)	BASEMENT FLOOR	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	FIFTH FLOOR
C1(375X1500)	12-T25 (As:5890)	10-T25+12-T20 (As:5110.08)	20-T20+10-T16 (As:5340.72)	20-T20+10-T16 (As:5340.72)	20-T16+10-T12 (As:4019.36)	20-T16+10-T12 (As:4019.36)	20-T16+10-T12 (As:4019.36)
C2(300X1800)	16-T25 (As:7850)	16-T25 (As:7850)	16-T20 (As:5340.72)	12-T20+24-T16 (As:5340.72)	12-T20+24-T16 (As:5340.72)	16-T16 (As:3215.68)	16-T16 (As:3215.68)
C3(300X1800)	12-T25+24-T20 (As:8420.48)	16-T20 (As:5024.64)	12-T20+24-T16 (As:5340.72)	36-T16 (As:7230.24)	36-T16 (As:7230.24)	12-T16+24-T12 (As:6231.84)	12-T16+24-T12 (As:6231.84)
C4(300X1200)	12-T25+12-T20 (As:8420.48)	12-T20+12-T16 (As:5024.64)	12-T20+12-T16 (As:5024.64)	24-T20 (As:6280.32)	16-T20 (As:5024.64)	16-T20 (As:5024.64)	12-T20 (As:3768.96)
C5(300X900)	18-T16 (As:5430.48)	16-T16 (As:5024.64)	18-T12 (As:5215.68)	18-T12 (As:5215.68)	18-T12 (As:5215.68)	18-T12 (As:5215.68)	16-T12 (As:4019.36)
C6(300X1200)	4-T12+20-T25 (As:9424.48)	4-T12+20-T25 (As:9501.28)	24-T25 (As:5340.72)	4-T25+20-T20 (As:6280.32)	16-T20+8-T16 (As:5655.36)	16-T16+8-T12 (As:4019.36)	16-T16+8-T12 (As:4019.36)
C7(375X1200)	8-T32+16-T25 (As:9355.52)	6-T32+15-T25 (As:9355.52)	8-T32+16-T25 (As:9355.52)	24-T25 (As:5215.68)	16-T25 (As:5215.68)	6-T32+16-T20 (As:9355.52)	16-T16 (As:5655.36)
C8(300X1200)	12-T25+12-T20 (As:8420.48)	12-T25+12-T20 (As:8420.48)	12-T20+12-T16 (As:6231.84)	12-T20+12-T16 (As:6231.84)	24-T16 (As:4019.36)	24-T16 (As:4019.36)	24-T16 (As:4019.36)
C9(375X1800)	28-T32 (As:22432.64)	28-T32 (As:22432.64)	8-T32+24-T25 (As:9424.48)	12-T25+18-T20 (As:9424.48)	12-T20+18-T16 (As:6366.36)	20-T16 (As:4019.36)	36-T12 (As:4019.36)
C10(300X1200)	24-T16 (As:9424.48)	4-T25+20-T20 (As:9424.48)	24-T20 (As:6280.32)	24-T20 (As:6280.32)	24-T16 (As:4019.36)	24-T16 (As:4019.36)	24-T12 (As:3768.96)
C11(300X1200)	24-T25 (As:14137.20)	24-T25 (As:14137.20)	4-T25+26-T20 (As:9424.48)	6-T25+20-T20 (As:9424.48)	8-T20+16-T16 (As:5655.36)	8-T16+16-T12 (As:4019.36)	24-T12 (As:3768.96)
C12(375X1800)	26-T25 (As:19634.50)	16-T25+22-T20 (As:14779.50)	16-T20+20-T16 (As:9424.48)	16-T20+20-T16 (As:9424.48)	20-T16 (As:5024.64)	16-T15+20-T12 (As:4019.36)	16-T16+20-T12 (As:4019.36)
C13(375X1800)	16-T32+22-T25 (As:19634.50)	16-T32+22-T25 (As:19634.50)	36-T25 (As:14779.50)	16-T25+20-T20 (As:9424.48)	36-T20 (As:11304.00)	36-T15 (As:5024.64)	36-T16 (As:5024.64)
C14(375X1200)	20-T25 (As:14137.20)	26-T25 (As:18377.30)	21-T25 (As:14779.50)	24-T20 (As:9424.48)	18-T20 (As:6280.32)	18-T20 (As:6280.32)	18-T16 (As:5024.64)
C15(375X900)	18-T25 (As:10603.50)	16-T25 (As:9424.48)	18-T20 (As:9424.48)	8-T20+10-T16 (As:6280.32)	8-T20+8-T16 (As:5340.72)	16-T15 (As:5024.64)	16-T16 (As:5024.64)
C16(300X1200)	2+T25 (As:14137.20)	8-T25+16-T20 (As:14137.20)	8-T20+16-T16 (As:9424.48)	8-T20+16-T16 (As:9424.48)	24-T16 (As:4019.36)	24-T16 (As:4019.36)	24-T16 (As:4019.36)
C17(300X1500)	30-T25 (As:14137.20, 7850)	30-T25 (As:14137.20, 7850)	12-T32+18-T25 (As:17.20)	30-T25 (As:17.20)	12-T25+12-T20 (As:9424.48)	12-T20+12-T16 (As:6231.84)	24-T16 (As:6231.84)
C18(375X1200)	15-T32+14-T25 (As:20132.20)	26-T25 (As:18377.30)	8-T25+16-T20 (As:9424.48)	24-T20 (As:9424.48)	15-T20+13-T16 (As:6655.36)	12-T16+12-T12 (As:4019.36)	12-T16+12-T12 (As:4019.36)
C19(375X1800)	14-T32+24-T25 (As:20132.20)	24-T25+14-T20 (As:20132.20)	24-T25+12-T20 (As:14137.20)	24-T25+12-T20 (As:14137.20)	30-T20 (As:9424.48)	30-T16 (As:5024.64)	30-T16 (As:5024.64)
C20(300X1200)	12-T16+12-T12	12-T16+12-T12	12-T16+12-T12	-------	-------	-------	-------
C21(375X1800)	6-T32+36-T25 (As:43.20)	12-T25+26-T20 (As:20132.20)	12-T25+26-T20 (As:20132.20)	12-T25+16-T20 (As:17.20)	30-T20 (As:9424.48)	30-T16 (As:5024.64)	18-T16+12-T12 (As:4019.36)
C22(450X750)	29-T20 (As:9424.48)	20-T20 (As:9424.48)	16-T25 (As:9424.48)	16-T20 (As:9424.48)	6-T20+12-T16 (As:5655.36)	8-T16+8-T12 (As:4019.36)	16-T12 (As:4019.36)
C23(375X1500)	32-T32	32-T25	-------	-------	-------	-------	-------
C24(375X1200)	26-T32 (As:20106.20)	26-T32 (As:17.20)	26-T32 (As:17.20)	36-T25 (As:17.20)	12+T25+24-T20 (As:9424.48)	24-T20-12-T16 (As:6231.84)	24-T16 (As:6231.84)
C25(300X1200)	24-T32	24-T32	24-T32	-------	-------	-------	-------
C26(300X1500)	30-T25 (As:14137.20)	24-T25+6-T20 (As:9424.48)	24-T25+16-T20 (As:9424.48)	24-T25 (As:9424.48)	24-T20 (As:9424.48)	24-T15 (As:5024.64)	24-T16 (As:5024.64)
C27(300X1200)	24-T25 (As:14137.20)	24-T25 (As:14137.20)	20-T20 (As:14137.20)	24-T20 (As:9424.48)	24-T16 (As:5024.64)	24-T16 (As:5024.64)	24-T12 (As:5024.64)
C28(300X900)	18-T16 (As:5430.48)	18-T16 (As:5655.36)	18-T16 (As:5655.36)	18-T16 (As:5655.36)	18-T12 (As:5215.68)	18-T12 (As:5215.68)	18-T12 (As:5215.68)
C29(300X900)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T12 (As:5430.48)	16-T12 (As:5215.68)	16-T12 (As:5215.68)	16-T12 (As:5215.68)
C30(300X750)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T12 (As:5215.68)	16-T12 (As:5215.68)	16-T12 (As:5215.68)
C31(300X750)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T16 (As:5430.48)	16-T12 (As:5215.68)	16-T12 (As:5215.68)	16-T12 (As:5215.68)
C32(200X2100)	8-T32+14-T25 (As:20132.20)	12-T25+36-T20 (As:20132.20)	12-T25+30-T20 (As:20132.20)	16-T20+20-T16 (As:9424.48)	36-T16 (As:5024.64)	36-T16 (As:5024.64)	36-T12 (As:5024.64)
C33(300X1200)	24-T32 (As:20106.20)	24-T25 (As:14137.20)	24-T20 (As:14137.20)	24-T20 (As:9424.48)	24-T16 (As:5024.64)	24-T16 (As:5024.64)	24-T12 (As:5024.64)
C34(200X1200)	24-T25 (As:20132.20)	24-T25 (As:20132.20)	21-T20 (As:14137.20)	24-T16 (As:9424.48)	24-T16 (As:5024.64)	24-T12 (As:5024.64)	24-T12 (As:5024.64)
C35(300X900)	18-T20 (As:9424.48)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	16-T25 (As:5024.64)	18-T25 (As:5024.64)	14-T32+4-T25 (As:5024.64)
C36(200X1200)	4-T32+20-T25 (As:20132.20)	12-T25+12-T20 (As:20132.20)	4-T20+20-T16 (As:20132.20)	6-T16+20-T16 (As:9424.48)	24-T12 (As:5024.64)	24-T12 (As:5024.64)	24-T12 (As:5024.64)
C37(300X1200)	16-T25+8-T20 (As:20132.20)	8-T25+16-T20 (As:20132.20)	8-T20+16-T16 (As:20132.20)	12-T16+12-T12 (As:9424.48)	12-T16+12-T12 (As:5024.64)	12-T16+12-T12 (As:5024.64)	12-T16+12-T12 (As:5024.64)
C38(200X2100)	12-T32+20-T25 (As:20132.20)	42-T25 (As:19634.50)	42-T25 (As:19634.50)	16-T25+22-T20 (As:9424.48)	16-T20+20-T16 (As:9424.48)	16-T16+20-T12 (As:5024.64)	36-T12 (As:5024.64)
C39(300X750)	16-T20 (As:9424.48)	16-T20 (As:9424.48)	16-T20 (As:9424.48)	16-T20 (As:9424.48)	16-T16 (As:5024.64)	16-T16 (As:5024.64)	16-T16 (As:5024.64)
C40(300X900)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	16-T25 (As:5024.64)	16-T25 (As:5024.64)	16-T25 (As:5024.64)
C41(300X900)	8-T25+16-T20 (As:14137.20)	8-T25+16-T20 (As:14137.20)	8-T25+10-T20 (As:14137.20)	16-T20 (As:14137.20)	16-T16 (As:5024.64)	16-T16 (As:5024.64)	16-T12 (As:5024.64)
C42(300X750)	8-T25+8-T20 (As:9424.48)	8-T25+8-T20 (As:9424.48)	8-T20+8-T16 (As:9424.48)	16-T15 (As:5024.64)	16-T15 (As:5024.64)	16-T12 (As:5024.64)	16-T12 (As:5024.64)
C43(300X750)	16-T16 (As:9424.48)	16-T16 (As:9424.48)	8-T16+8-T12 (As:9424.48)	8-T16+8-T12 (As:9424.48)	16-T12 (As:5024.64)	16-T12 (As:5024.64)	16-T12 (As:5024.64)
C44(300X1200)	24-T25 (As:14137.20)	24-T20 (As:9424.48)	24-T20 (As:9424.48)	24-T20 (As:9424.48)	24-T16 (As:5024.64)	24-T12 (As:5024.64)	24-T12 (As:5024.64)
C45(300X1200)	24-T25 (As:14137.20)	24-T25 (As:14137.20)	24-T25 (As:14137.20)	-------	-------	-------	-------
C46(200X1200)	16-T20+8-T16 (As:9424.48)	16-T20+8-T25 (As:9424.48)	-------	-------	-------	-------	-------
C101(375X1800)	38-T25 (As:19634.50)	38-T25 (As:19634.50)	36-T20 (As:9424.48)	36-T20 (As:9424.48)	36-T16 (As:5024.64)	36-T16 (As:5024.64)	16-T16+20-T12 (As:5024.64)
C102(300X1800)	4-T25+32-T20 (As:9424.48)	36-T20 (As:9424.48)	36-T16 (As:5024.64)	36-T16 (As:5024.64)	16-T16+20-T12 (As:5024.64)	16-T16+20-T12 (As:5024.64)	36-T12 (As:5024.64)
C103(375X1800)	13-T25+26-T20 (As:14137.20)	12-T25+26-T16 (As:14137.20)	24-T20+13-T16 (As:9424.48)	13-T20+24-T16 (As:9424.48)	36-T16 (As:5024.64)	36-T16 (As:5024.64)	36-T16 (As:5024.64)
C104(375X1500)	12-T25 (As:14137.20)	12-T32+18-T25 (As:14137.20)	12-T32+18-T25 (As:14137.20)	16-T25+14-T20 (As:9424.48)	30-T20 (As:9424.48)	30-T16 (As:5024.64)	16-T16+14-T12 (As:5024.64)
C105(375X900)	18-T25 (As:14137.20)	18-T25 (As:14137.20)	18-T20 (As:9424.48)	18-T20 (As:9424.48)	18-T16 (As:5024.64)	18-T16 (As:5024.64)	18-T12 (As:5024.64)
C106(300X750)	4-T20+12-T16 (As:9424.48)	4-T20+12-T16 (As:9424.48)	4-T20+12-T16 (As:9424.48)	4-T20+12-T16 (As:9424.48)	12-T16+4-T12 (As:5024.64)	12-T16+4-T12 (As:5024.64)	12-T16+4-T12 (As:5024.64)
C107(300X1200)	24-T16 (As:14137.20)	24-T16 (As:14137.20)	12-T16+13-T12 (As:9424.48)	24-T12 (As:9424.48)	16-T12 (As:5024.64)	16-T12 (As:5024.64)	16-T12 (As:5024.64)
C108(300X900)	12-T25+6-T20 (As:9424.48)	12-T25+6-T20 (As:9424.48)	18-T20 (As:9424.48)	18-T20 (As:9424.48)	18-T16 (As:5024.64)	18-T16 (As:5024.64)	18-T16 (As:5024.64)
SW1 (REFER PLAN)							
SW2 (REFER PLAN)							

COLUMN REINFORCEMENT & COLUMN LINKS TYPE

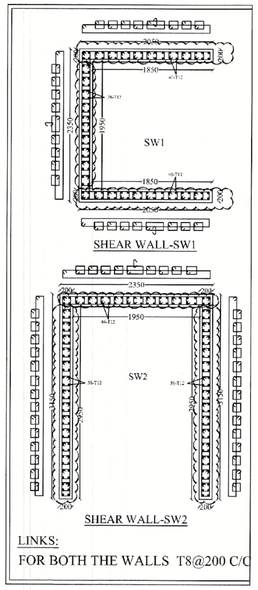


NOTE:
HEAVY BARS AT CORNERS ONLY
LINKS:
FOR ALL COLUMNS T8@200 C/C

* EXTRA COVERING FOR COLUMNS

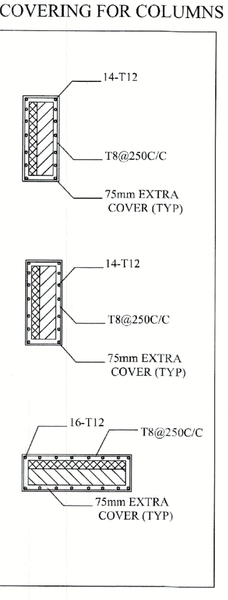


* EXTRA COVERING FOR COLUMNS



LINKS:
FOR BOTH THE WALLS T8@200 C/C

* EXTRA COVERING FOR COLUMNS



NOTES:-

1. CONCRETE MIX : M25 FOR FOOTING AND M35 FOR COLUMNS MENTIONED IN THE SCHEDULE
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR FOOTINGS=50MM ; COLUMNS=40 MM
4. S.B.C OF SOIL= 36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3M
5. DESIGNED FOR BASEMENT+GROUND + 5 UPPER FLOORS ONLY
6. DEPTH OF EXCAVATION = 3.5M Min FROM EGL OR AS PER SITE CONDITION
7. FOUNDATION TO BE LAID ON FIRM SOIL
8. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICE DRAWINGS. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS AND RESOLVED PRIOR TO PROCUREMENT/ EXECUTION OF WORKS.
9. FOLLOW WRITTEN DIMENSIONS, DO NOT SCALE THE DRAWING
10. ALL DIMENSIONS ARE IN MILI METERS UNLESS SPECIFIED OTHERWISE.

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.

ISSUALS			
NO	DESCRIPTION	DATE	SIGN.

REVISION			
NO	DESCRIPTION	DATE	SIGN.

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
FOUNDATION DETAILS

FILE NAME :		SCALE :
DESIGN: ANJAN		N.T.S
DRAWN : SHRADDHA	DATE : 30.03.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-001	REV NO: R0

FLOATING COLUMN DETAILS (STARTS FROM GF ROOF)

COLUMN SIZE (PXQ)	BASEMENT FLOOR	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	FIFTH FLOOR	COLUMN LINKS	GRADE OF CONCRETE
FFC1(200X1800)	———	———	20-T16+16-T12 FFC1(200X1800)	12-T16+12-T12 FFC1(200X1200)	12-T16+12-T12 FFC1(200X1200)	24-T12 FFC1(200X1200)	24-T12 FFC1(200X1200)	V/III	M35
FFC2(200X1200)	———	———	12-T16+12-T12 FFC2(200X1200)	12-T16+12-T12 FFC2(200X1200)	12-T16+12-T12 FFC2(200X1200)	24-T12 FFC2(200X1200)	24-T12 FFC2(200X1200)	III	M35
FFC3(200X1500)	———	———	16-T16+14-T12 FFC3(200X1500)	16-T16+14-T12 FFC3(200X1500)	16-T16+14-T12 FFC3(200X1500)	30-T12 FFC3(200X1500)	30-T12 FFC3(200X1500)	IV	M35
FFC4(200X1200)	———	———	12-T16+12-T12 FFC4(200X1200)	8-T16+8-T12 FFC4(200X750)	8-T16+8-T12 FFC4(200X750)	16-T12 FFC4(200X750)	16-T12 FFC4(200X750)	III/I	M35
FFC6(200X900)	———	———	12-T16+6-T12 FFC6(200X900)	12-T16+6-T12 FFC6(200X900)	12-T16+6-T12 FFC6(200X900)	18-T12 FFC6(200X900)	18-T12 FFC6(200X900)	II	M35
FFC7(200X900)	———	———	12-T16+6-T12 FFC7(200X900)	12-T16+6-T12 FFC7(200X900)	12-T16+6-T12 FFC7(200X900)	18-T12 FFC7(200X900)	18-T12 FFC7(200X900)	II	M35
FFC8(200X200)	———	———	4-T16 FFC8(200X200)	4-T16 FFC8(200X200)	4-T16 FFC8(200X200)	4-T12 FFC8(200X200)	4-T12 FFC8(200X200)	XVII	M35
FFC101(200X200)	———	4-T16 FFC101(200X200)	4-T16 FFC101(200X200)	———	———	———	———	XVII	M35

NOTE: FFC5 HAS NOT BEEN USED

FLOATING COLUMN DETAILS(STARTS FROM FF ROOF)

COLUMN SIZE (PXQ)	BASEMENT FLOOR	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	FIFTH FLOOR	COLUMN LINKS	GRADE OF CONCRETE
SFC1(200X1800)	———	———	———	20-T16+16-T12 SFC1(200X1800)	12-T16+12-T12 SFC1(200X1200)	12-T16+12-T12 SFC1(200X1200)	24-T12 SFC1(200X1200)	V/III	M35
SFC2(200X1500)	———	———	———	16-T16+14-T12 SFC2(200X1500)	12-T16+12-T12 SFC2(200X1200)	12-T16+12-T12 SFC2(200X1200)	24-T12 SFC2(200X1200)	IV/III	M35
SFC3(200X1200)	———	———	———	16-T16+14-T12 SFC3(200X1200)	12-T16+12-T12 SFC3(200X1200)	12-T16+12-T12 SFC3(200X1200)	24-T12 SFC3(200X1200)	III	M35
SFC4(200X1200)	———	———	———	16-T16+14-T12 SFC4(200X1200)	12-T16+12-T12 SFC4(200X1200)	12-T16+12-T12 SFC4(200X1200)	24-T12 SFC4(200X1200)	III	M35
SFC5(200X1200)	———	———	———	16-T16+14-T12 SFC5(200X1200)	12-T16+12-T12 SFC5(200X1200)	12-T16+12-T12 SFC5(200X1200)	24-T12 SFC5(200X1200)	III	M35
SFC6(200X1200)	———	———	———	16-T16+14-T12 SFC6(200X1200)	12-T16+12-T12 SFC6(200X1200)	12-T16+12-T12 SFC6(200X1200)	24-T12 SFC6(200X1200)	III	M35
SFC8(200X1200)	———	———	———	16-T16+14-T12 SFC8(200X1200)	12-T16+12-T12 SFC8(200X1200)	12-T16+12-T12 SFC8(200X1200)	24-T12 SFC8(200X1200)	III	M35
SFC9(200X1200)	———	———	———	16-T16+14-T12 SFC9(200X1200)	12-T16+12-T12 SFC9(200X1200)	12-T16+12-T12 SFC9(200X1200)	24-T12 SFC9(200X1200)	III	M35
SFC10(200X1200)	———	———	———	16-T16+14-T12 SFC10(200X1200)	12-T16+12-T12 SFC10(200X1200)	12-T16+12-T12 SFC10(200X1200)	24-T12 SFC10(200X1200)	III	M35
SFC11(200X750)	———	———	———	16-T16 SFC11(200X750)	8-T16+8-T12 SFC11(200X750)	8-T16+8-T12 SFC11(200X750)	16-T12 SFC11(200X750)	I	M35
FC201(200X200)	———	———	4-T16 FC201(200X200)	4-T16 FC201(200X200)	4-T16 FC201(200X200)	4-T12 FC201(200X200)	4-T12 FC201(200X200)	XVII	M35

NOTES:-

1. CONCRETE MIX : M25 FOR FOOTING AND M35 FOR COLUMNS MENTIONED IN THE SCHEDULE
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR FOOTINGS=50MM ; COLUMNS=40 MM
4. S.B.C OF SOIL= 36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3M
5. DESIGNED FOR BASEMENT+GROUND + 5 UPPER FLOORS ONLY
6. DEPTH OF EXCAVATION = 3.5M Min FROM EGL OR AS PER SITE CONDITION
7. FOUNDATION TO BE LAID ON FIRM SOIL
8. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICE DRAWINGS. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS AND RESOLVED PRIOR TO PROCUREMENT/ EXECUTION OF WORKS.
9. FOLLOW WRITTEN DIMENSIONS, DO NOT SCALE THE DRAWING
10. ALL DIMENSIONS ARE IN MILI METERS UNLESS SPECIFIED OTHERWISE.

REVISION			
REV NO	DISCRIPTION	DATE	SIGN

ISSUES			
NO	DESCRIPTION	DATE	SIGN

REVISION			
NO	DESCRIPTION	DATE	SIGN

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

STRUCTURAL CONSULTANTS

Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

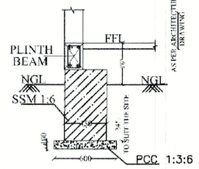
GOOD FOR CONSTRUCTION

DRAWING TITLE :
FLOATING COLUMN DETAILS

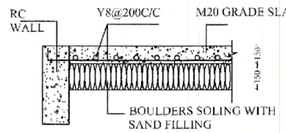
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DESIGN: ANJAN		NTS
DRAWN : SHRADDHA	DATE : 05.07.2024	
COORD BY:	CHECKED :HR	
JOB NO : S-4039	DRG NO: S-101	REV NO: R0

LEGEND:

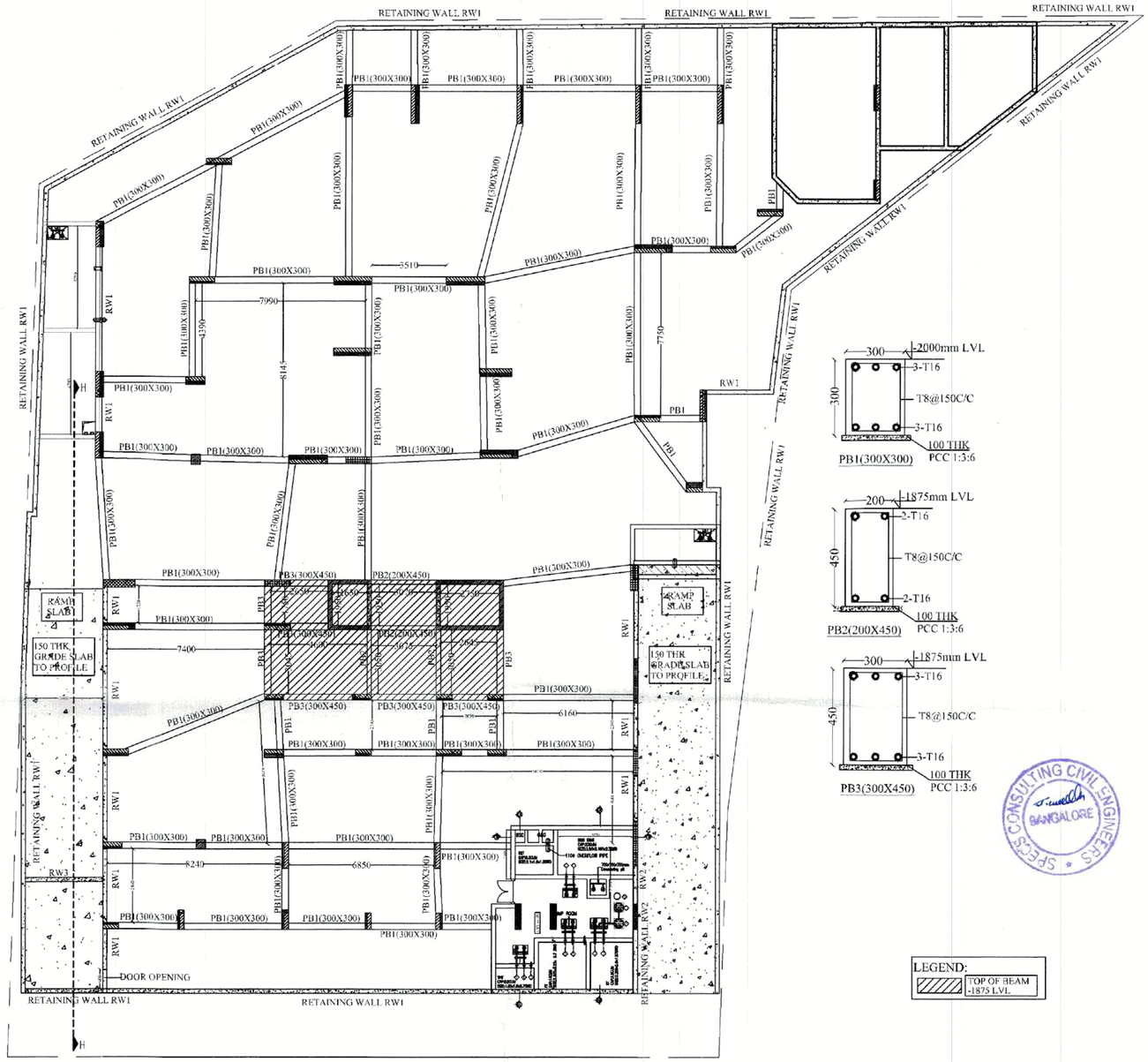
(450X450)-SSM PIER



TYPICAL SECTION FOR SSM PIER

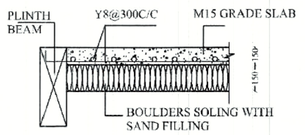


RAMP GRADE SLAB DETAILS

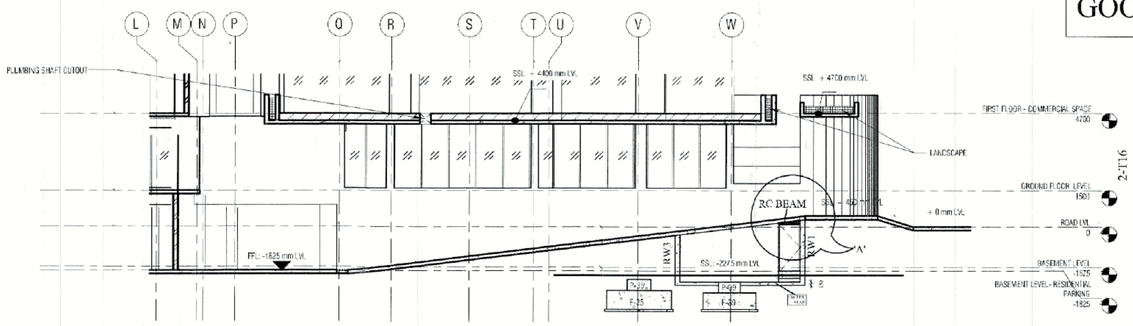


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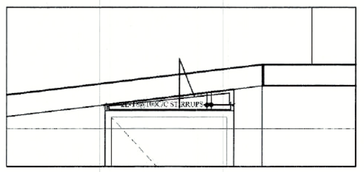
TOP OF BEAM -1875 LVL



BASEMENT FLOOR GRADE SLAB DETAILS



3 RAMP SECTION HH



DETAIL -A

GOOD FOR CONSTRUCTION

NOTES:–

1. CONCRETE MIX : M25 FOR FOOTING AND M35 FOR COLUMNS MENTIONED IN THE SCHEDULE
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR FOOTINGS=50MM ; COLUMNS=40 MM
4. S.B.C OF SOIL= 36 TONNES/ SQM & DEPTH OF EXCAVATION IS 3M
5. DESIGNED FOR BASEMENT+GROUND + 5 UPPER FLOORS ONLY
6. DEPTH OF EXCAVATION = 3.5M Min FROM EGL OR AS PER SITE CONDITION
7. FOUNDATION TO BE LAID ON FIRM SOIL
8. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICE DRAWINGS. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS AND RESOLVED PRIOR TO PROCUREMENT/ EXECUTION OF WORKS.
9. FOLLOW WRITTEN DIMENSIONS, DO NOT SCALE THE DRAWING
10. ALL DIMENSIONS ARE IN MILLI METERS UNLESS SPECIFIED OTHERWISE.

REV NO	REVISION DISCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
	ISSUALS		

NO	DESCRIPTION	DATE	SIGN.
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

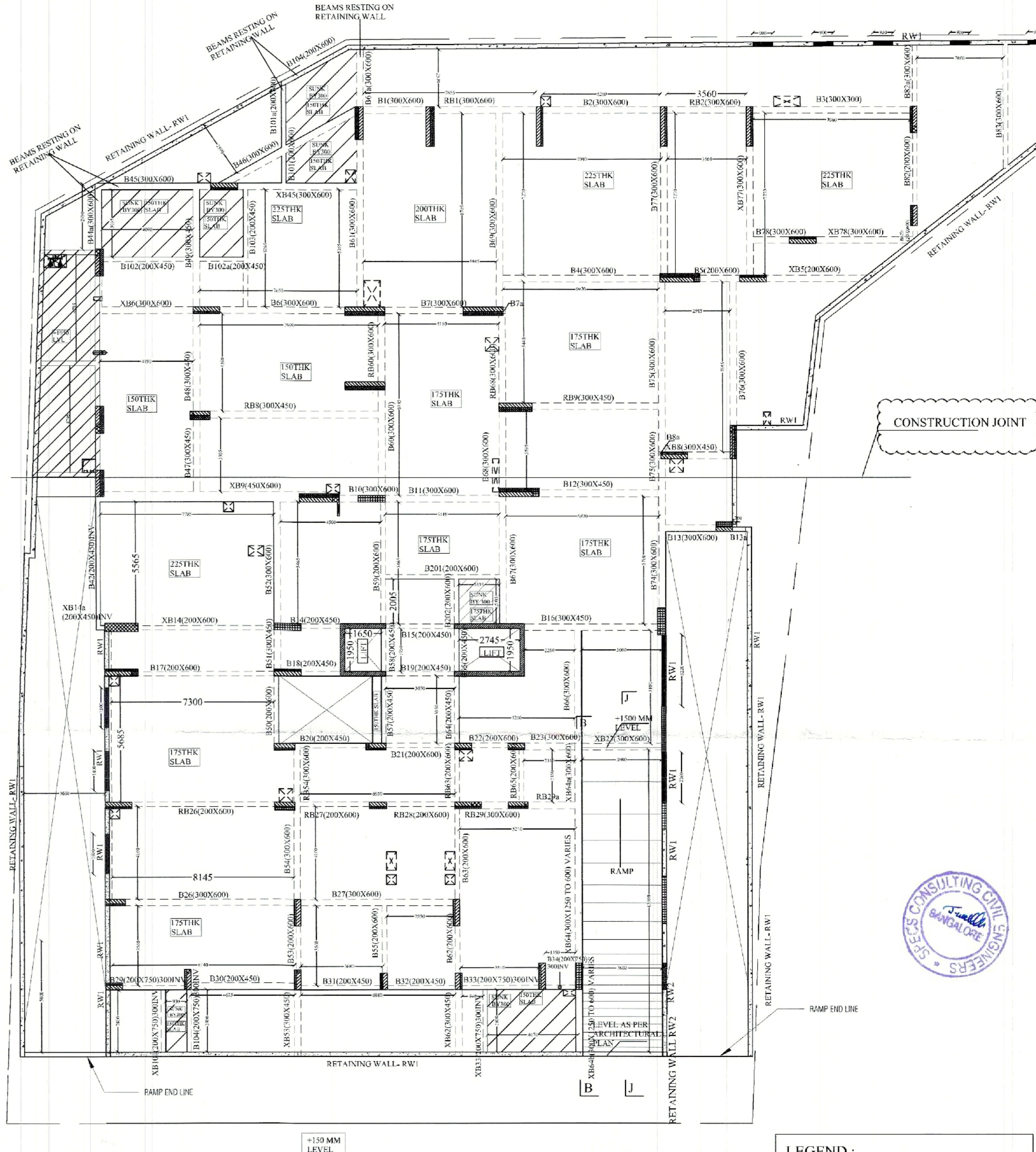
STRUCTURAL CONSULTANTS

Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
PLINTH BEAM DETAILS

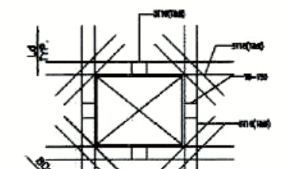
FILE NAME :		SCALE :
DESIGN: ANJAN		N.T.S
DRAWN : SHASHI	DATE : 20.02.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-002	REV NO: R8



LEGEND :

+1050 LVL (hatched)

BASEMENT ROOF LEVEL - +1500



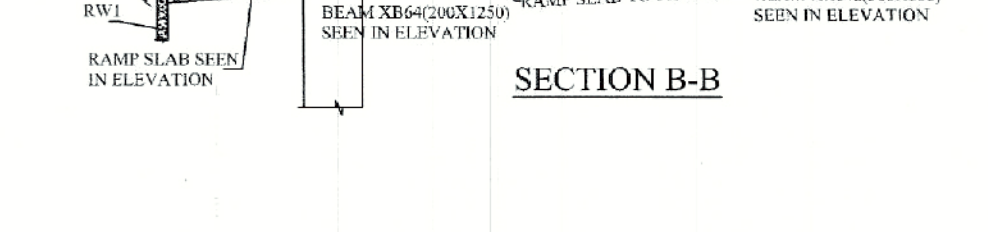
TYPICAL CUTOUT DETAILS IN SLAB

SLAB THICKNESS = 150 THK UNLESS MENTIONED

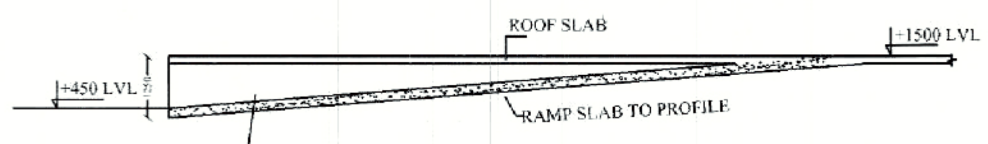
BEAM SIZES = 300X600 UNLESS MENTIONED

LEGEND:

- COLUMN STOPS @ GF ROOF LEVEL
- COLUMN STOPS @ FF ROOF LEVEL
- COLUMN STOPS @ SF ROOF LEVEL



SECTION B-B



SECTION J-J

NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1, GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.

ISSUALS

NO	DESCRIPTION	DATE	SIGN.

REVISION

PROJECT TITLE: MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS : DESIGN BOULEVARD

BUILDER : KINGS ESTATE

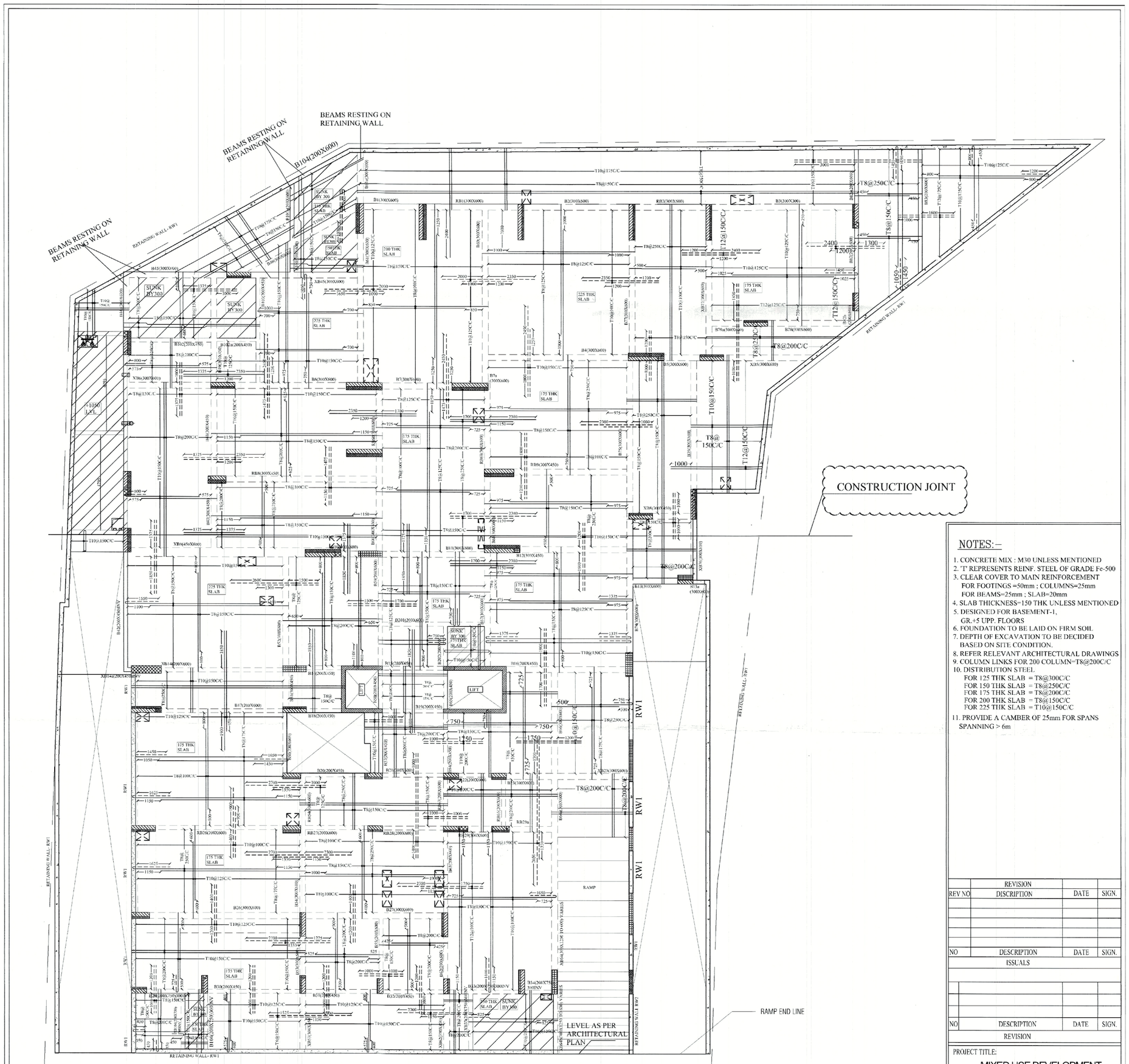
STRUCTURAL CONSULTANTS

Specs
#162, PEARL SPEC
FIRST FLOOR, MARGOSA ROAD, OPP.MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE : BASEMENT FLOOR ROOF SHUTTERING DETAILS

FILE NAME :		SCALE :
DESIGN: ANJAN		N.T.S
DRAWN : SHRADDHA	DATE : 27.04.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-003	REV NO: R9



RETAINING WALL- RW1

CONSTRUCTION JOINT

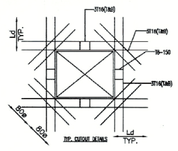
NOTES:–

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1, GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN–T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
    FOR 200 THK SLAB = T8@150C/C
    FOR 225 THK SLAB = T10@150C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

LEGEND :

+1050 LVL

BASEMENT ROOF LEVEL - +1500



TYPICAL CUTOUT DETAILS IN SLAB

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

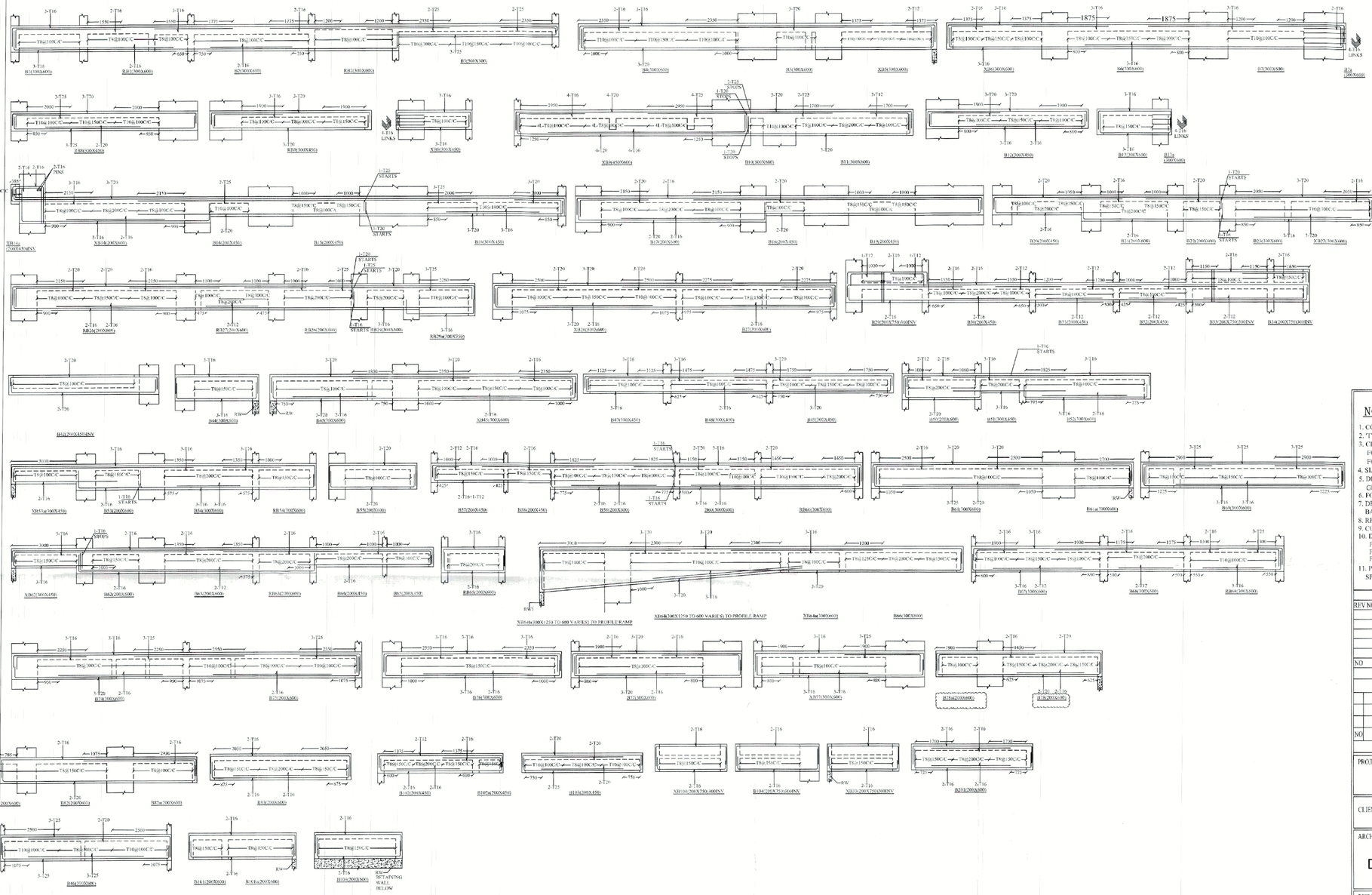
STRUCTURAL CONSULTANTS

Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
BASEMENT FLOOR ROOF SLAB DETAILS

FILE NAME :		SCALE : N.T.S
DESIGN: ANJAN		
DRAWN : KEERTHI	DATE : 29.04.2024	
COORD BY:	CHECKED :IJR	
JOB NO : S-4939	DRG NO: S-003A	REV NO: R8



NOTES:–

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1,
   GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS
    SPANNING > 6m

REVISION			
REV NO	DESCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

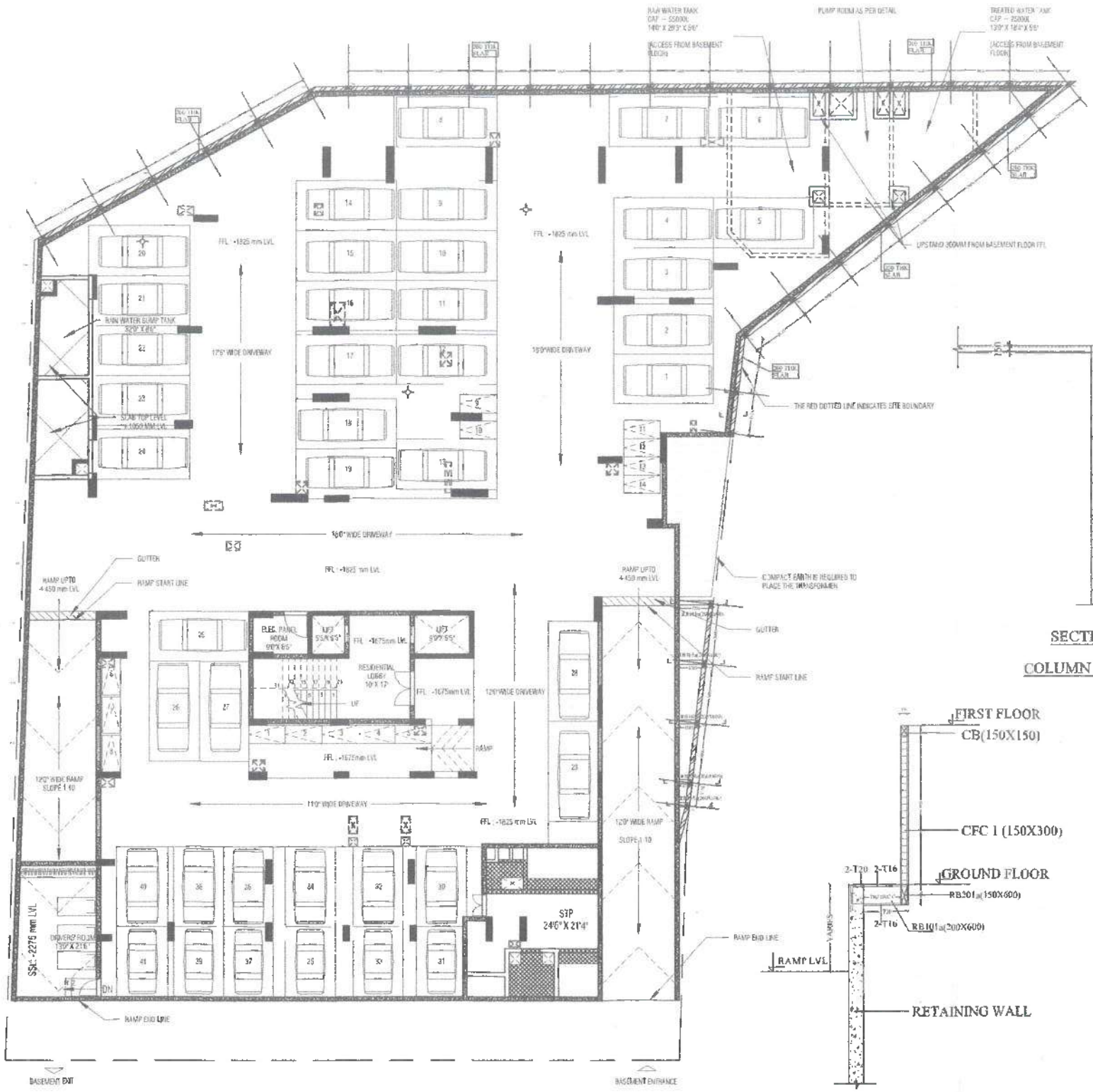
STRUCTURAL CONSULTANTS

Spees
#162 , 'P E A R L S P E C'
FIRST FLOOR, MARGOSA ROAD,
OPP.MALLESWARAM GROUND,
MALLESWARAM, BENGALURU.
PIN -560003 PH: 080-23348799.

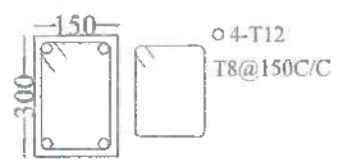
GOOD FOR CONSTRUCTION

DRAWING TITLE :
BASEMENT FLOOR ROOF
BEAM DETAILS

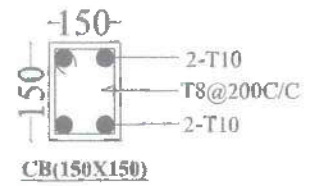
FILE NAME :		SCALE :
DESIGN: ANJAN		N.T.S
DRAWN : KEERTI!!	DATE : 27.04.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-003B	REV NO: R8



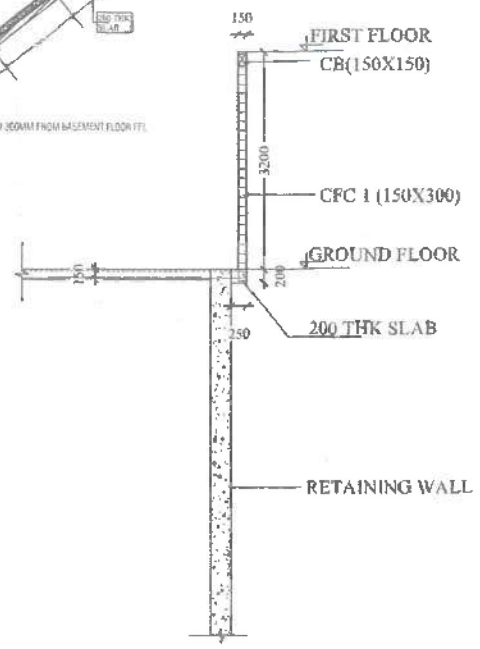
BASEMENT FLOOR PLAN



CFC1(150X150)

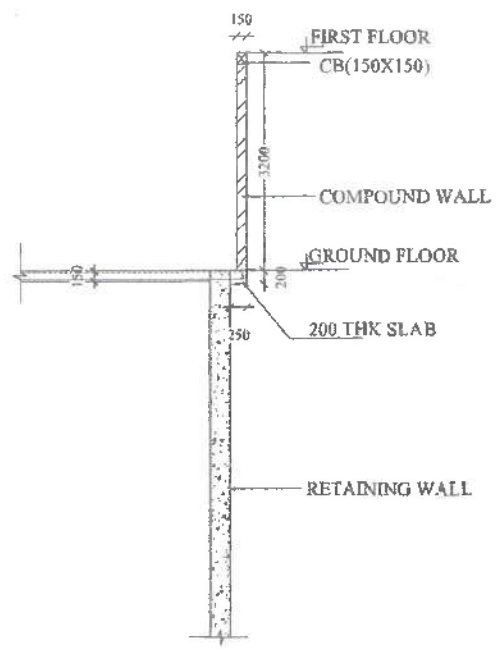


CB(150X150)



SECTION 1-1

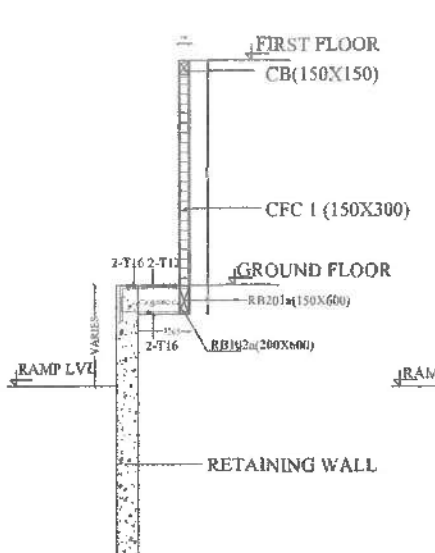
COLUMN DETAILS



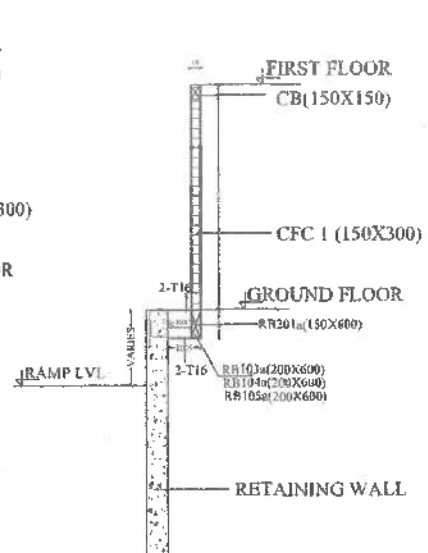
SECTION 2-2

COMPOUND WALL DETAILS

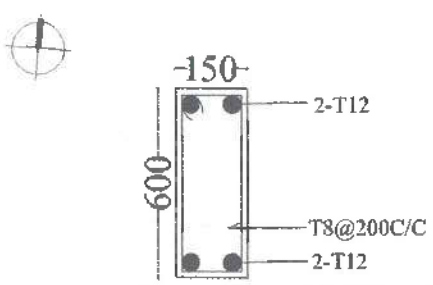
SECTION 3-3



SECTION 4-4



SECTION 5-5



RB201(150X600)

NOTES:–

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR WALL AND BOTTOM SLAB =40mm ; TOP SLAB =25mm
4. REFER RELEVANT ARCHITECTURAL DRAWINGS

FOR APPROVAL

DESIGN.....Date.....

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:

KINGS ESTATE

CLIENT:

ARCHITECTS :

DESIGN BOULIVARD

STRUCTURAL CONSULTANTS

Specs

#162 , 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

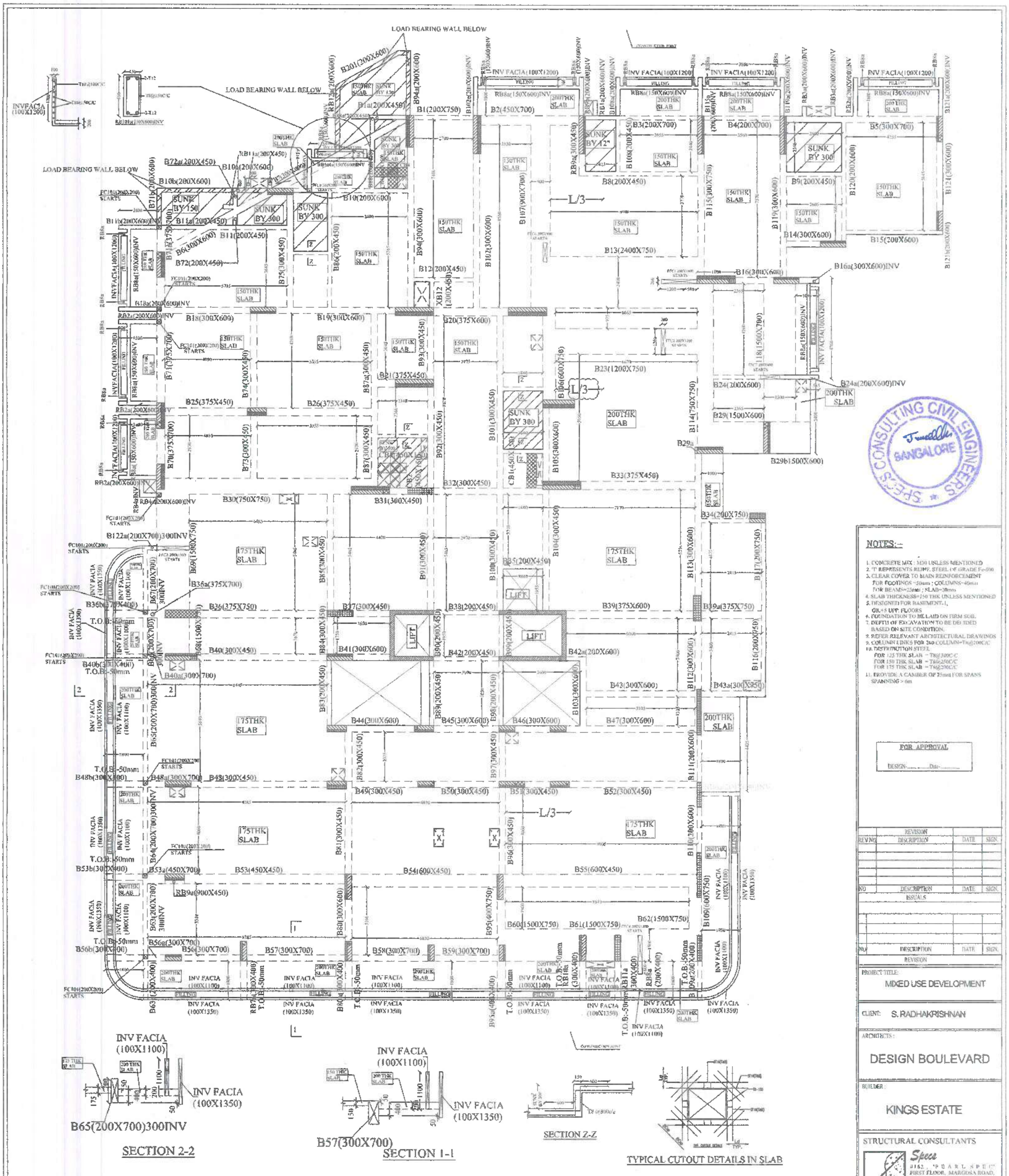
GOOD FOR CONSTRUCTION

DRAWING TITLE :

COMPOUND WALL DETAILS

FILE NAME :		SCALE :
DESIGN: HJR		N.T.S
DRAWN : SHRADDHA	DATE : 25.04.2024	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-014	REV NO: R0

SPECS CONSULTING CIVIL ENGINEERS BANGALORE



NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR FOOTINGS =50mm ; COLUMNS=40mm FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1, GR+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

FOR APPROVAL

DESIGN-...... Date-.........

SLAB THICKNESS = 150 THK UNLESS MENTIONED

BEAM SIZES = 200X600 UNLESS MENTIONED

NOTE: ALL PLANTER FILLINGS TO BE MADE FOR MAX 300mm

REVISION			
REV.NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE: MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS: DESIGN BOULEVARD

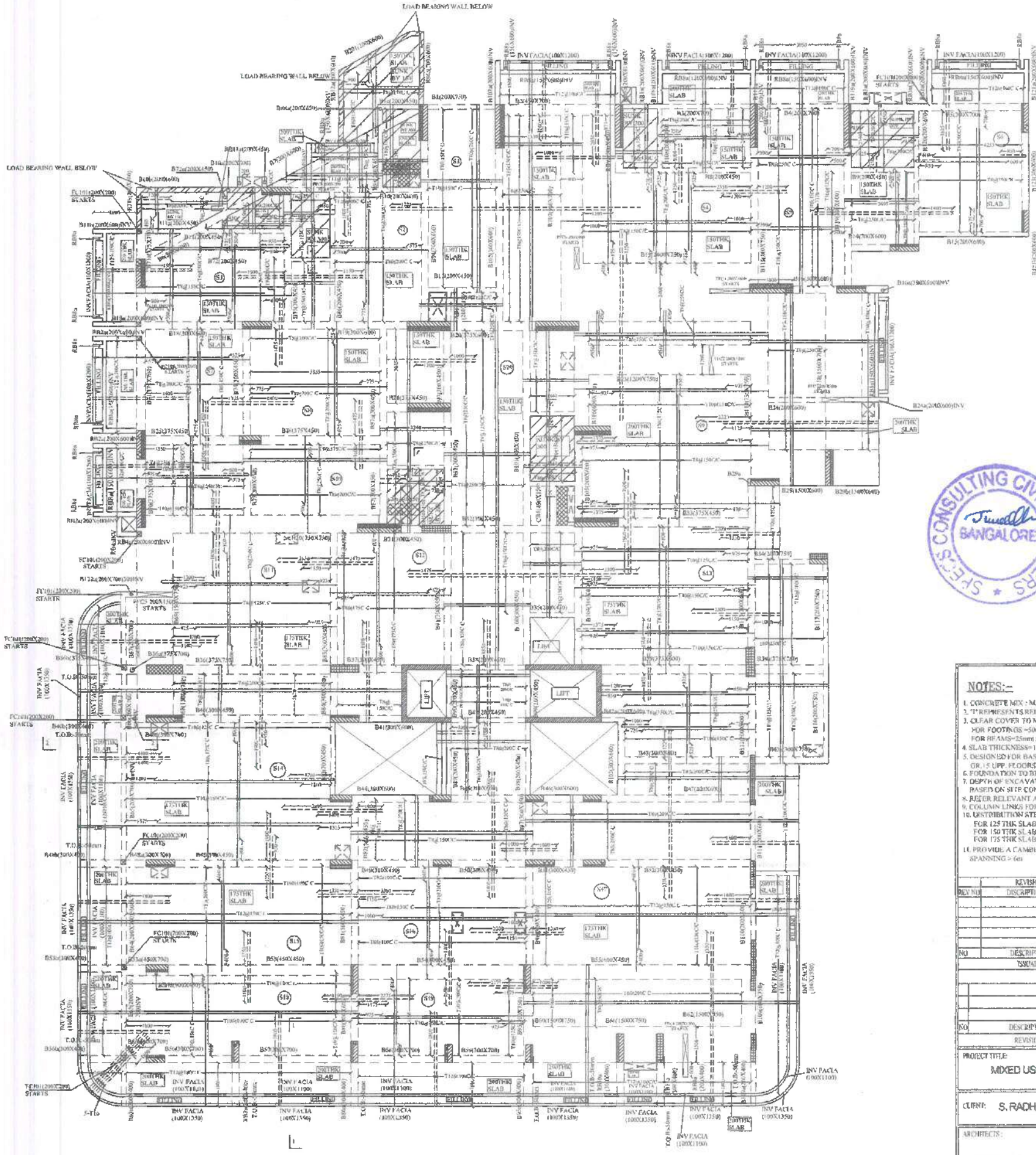
BUILDER: KINGS ESTATE

STRUCTURAL CONSULTANTS
Specs
#162, "P E A R L S P E C" FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

APPROVAL DRAWING

DRAWING TITLE: GROUND FLOOR ROOF SHUTTERING DETAILS

FILE NAME:		SCALE:
DESIGN: ANJAN		N.T.S
DRAWN: SHRADDHA	DATE: 08.07.2021	
COORD BY:	CHECKED: HJR	
JOB NO: S-1039	DRG NO: S-004	REV NO: R0



SPECS CONSULTING CIVIL ENGINEERS
BANGALORE

NOTES:-

1. CONCRETE MIX : M20 UNLESS MENTIONED
2. 'F' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1,
   GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

REVISION			
REV NO	DESCRIPTION	DATE	SIGN.
NO.	DESCRIPTION	DATE	SIGN.

ISSUALS

NO.	DESCRIPTION	DATE	SIGN.

REVISION

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS:
DESIGN BOULEVARD

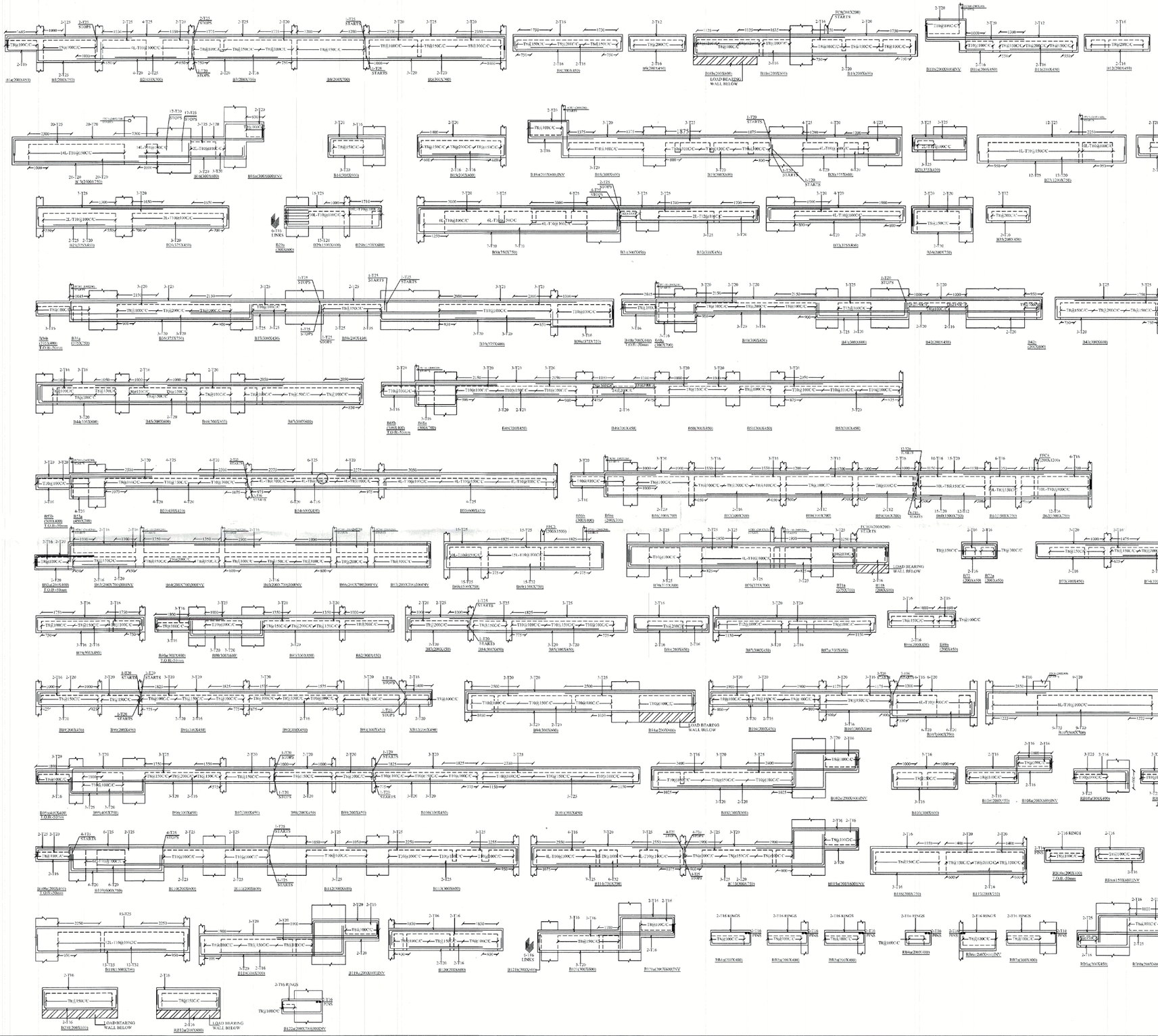
BUILDER:
KINGS ESTATE

STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-2334X799.

GOOD FOR CONSTRUCTION

DRAWING TITLE:
GROUND FLOOR ROOF SLAB DETAILS

FILE NAME:		SCALE:
DESIGN: ANJAN		N.T.S
DRAWN: KEERTHI	DATE: 08.07.2024	
COORD BY:	CHECKED BY:	
JOB NO: S-994	DRG NO: S-004A	REV NO: R0



NOTES:-

1. CONCRETE MIX ; M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS -50mm ; COLUMNS -25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS-150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1,
   GR. -5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS
    SPANNING > 6m

REVISION			
REV NO	DISCRIPTION	DATE	SIGN
NO	DESCRIPTION	DATE	SIGN
	ISSUALS		
NO	DESCRIPTION	DATE	SIGN
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

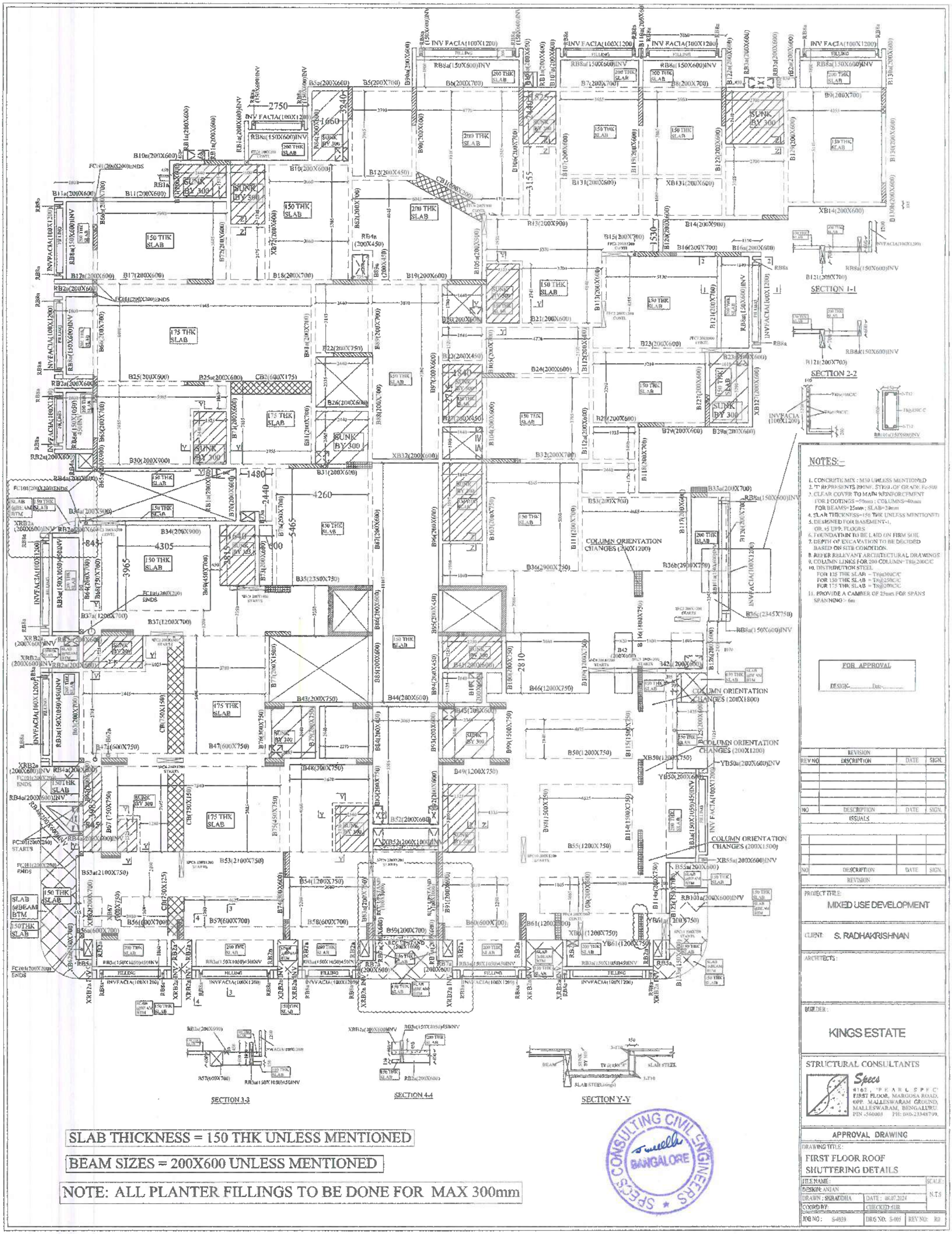
BUILDER :
KINGS ESTATE

STRUCTURAL CONSULTANTS
Specs
#162, 7 PEARL SPEC'
FIRST FLOOR, MARGOSA ROAD,
OPP. MALLESWARAM GROUND,
MALLESWARAM, BENGALURU.
PIN-560003 PH: 080-23368799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
GROUND FLOOR ROOF
BEAM DETAILS

FILE NAME :		SCALE
DESIGN: ANAN		N.T.S.
DRAWN : KEERTHI	DATE : 08.07.2024	
COORD BY:	CHECKED :HR	
JOB NO : S-4939	DRG NO: S-04B	REV NO: R0



NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS RHINE STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=40mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1, GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN- T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB – T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

FOR APPROVAL

DESIGN:..... Date:.....

REV NO	REVISION DISCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
	ISSUALS		
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS:

BUILDER:
KINGS ESTATE

STRUCTURAL CONSULTANTS

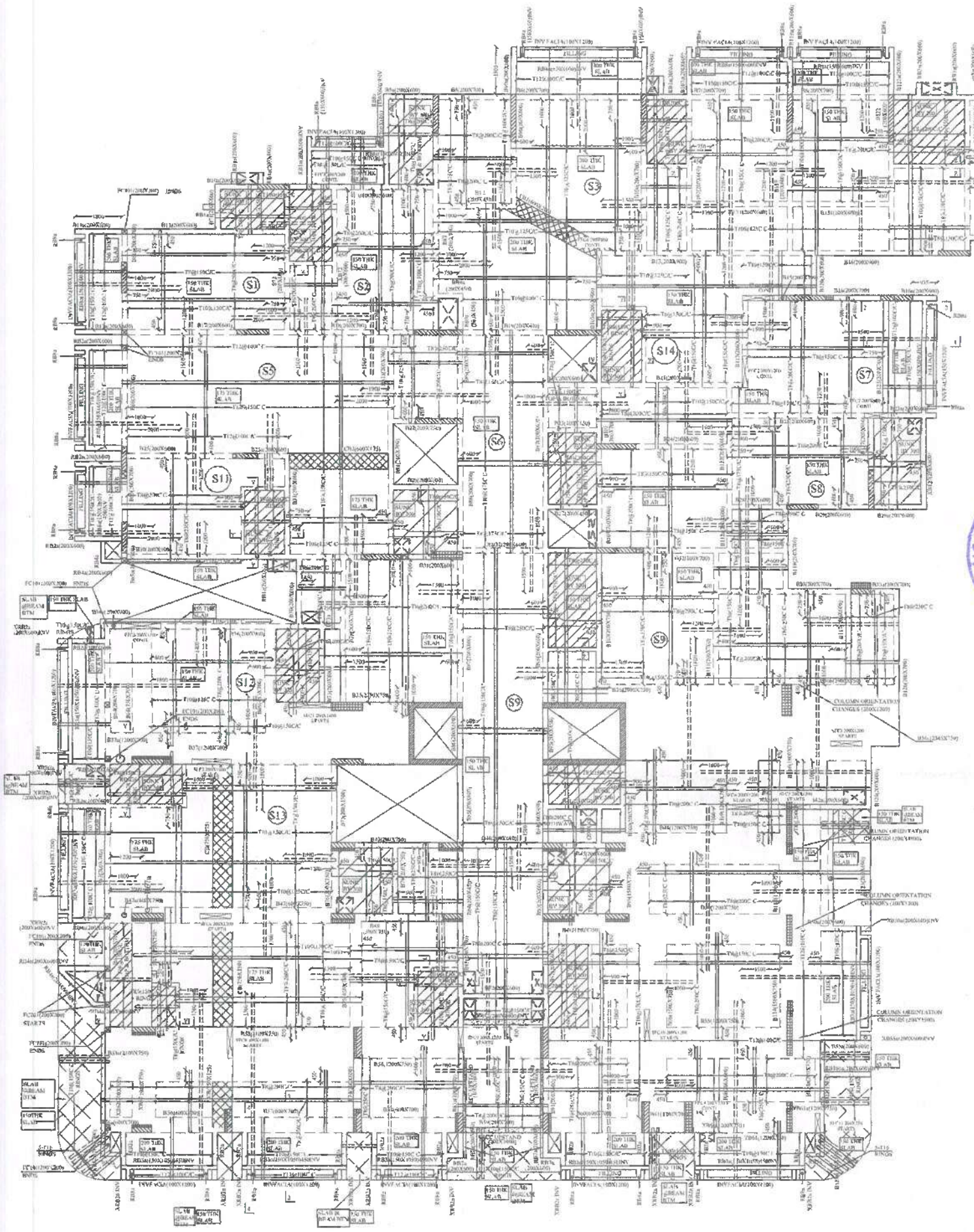
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

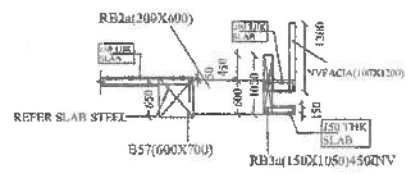
APPROVAL DRAWING

DRAWING TITLE:
FIRST FLOOR ROOF SHUTTERING DETAILS

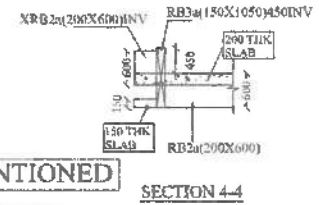
TITLE NAME:		SCALE: N.T.S
DESIGN: ANJAN		
DRAWN : SHRADDHA	DATE : 08.07.2024	
CODED BY:	CHECKED BY:	
JOB NO : S-0939	DRG NO: S-005	REV NO: R0

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

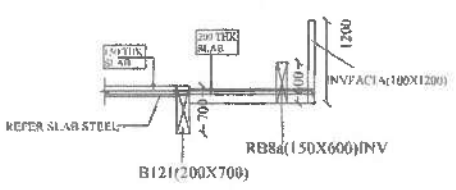




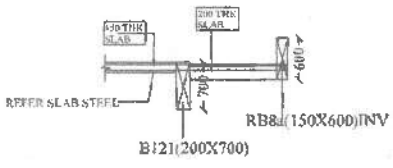
SECTION 3-3



SECTION 4-4



SECTION 1-1



SECTION 2-2

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS= 150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-I, GR, 15 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@ 250C/C
    FOR 175 THK SLAB = T8@ 200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

REVISION			
REV NO	DESCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
ISSUALS			

NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

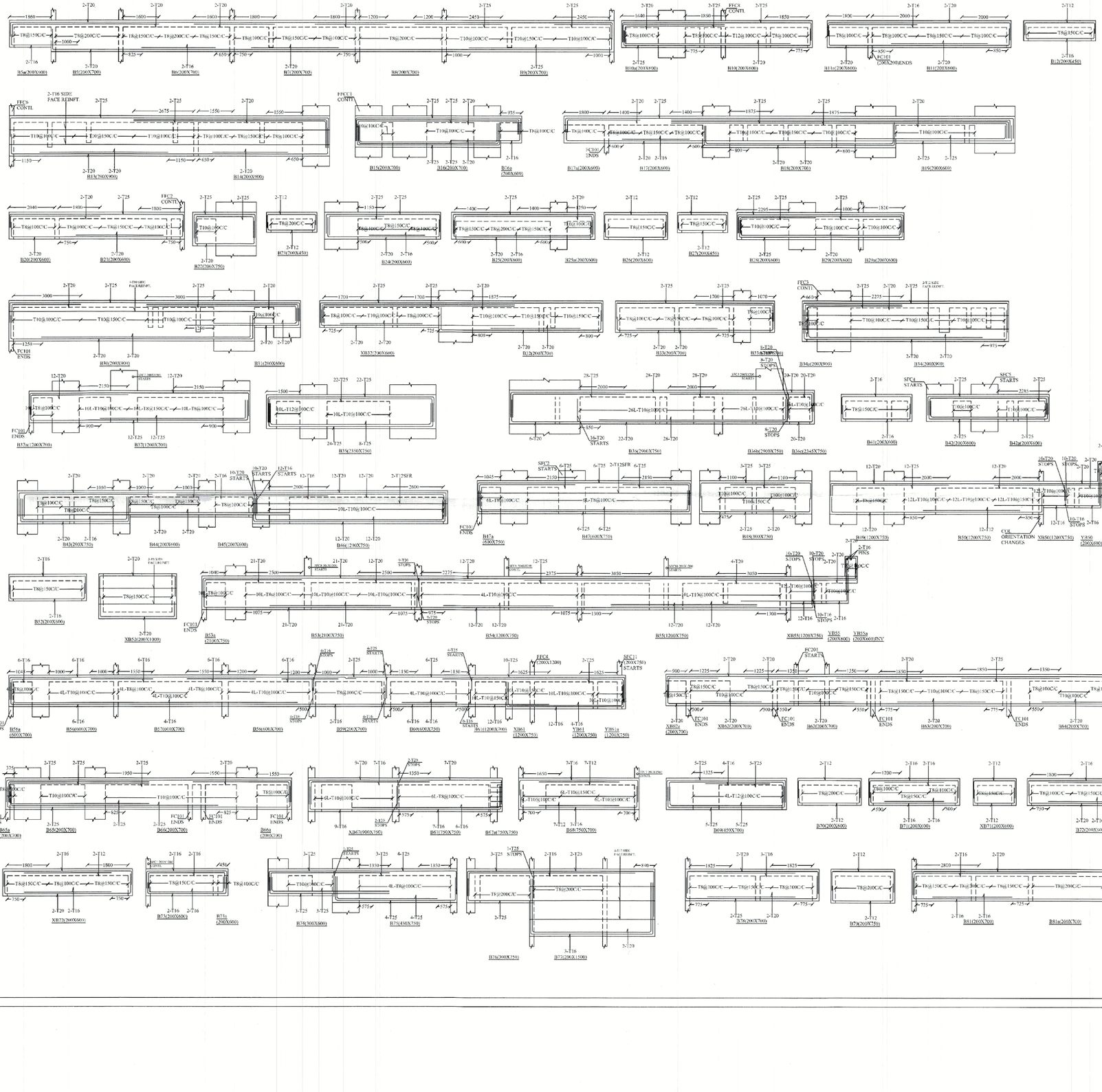
BUILDER :
KINGS ESTATE

STRUCTURAL CONSULTANTS
Specs
#167, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
FIRST FLOOR ROOF SLAB DETAILS

FILE NAME:		SCALE:
DESIGN: ANJAN		N.T.S
DRAWN: KEERTH	DATE : 08.07.2024	
COORD BY:	CHECKED BY:	
JOB NO: S-490	DRG NO: S-005A	REV NO: R0



SPECS CONSULTING CIVIL ENGINEERS BANGALORE

NOTES:-

1. CONCRETE MIX - M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS -50mm ; COLUMNS-25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1,
   GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS
    SPANNING > 6m

REVISION			
REV NO	DESCRIPTION	DATE	SIGN
NO	DESCRIPTION	DATE	SIGN
	ISSUALS		
NO	DESCRIPTION	DATE	SIGN
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

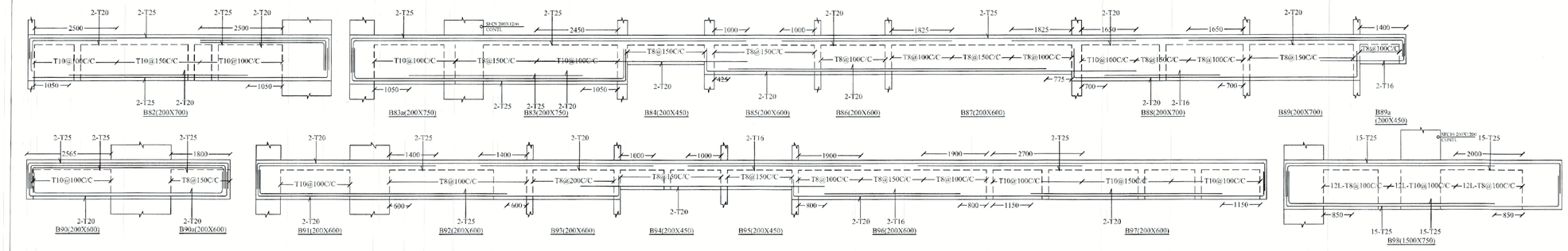
STRUCTURAL CONSULTANTS

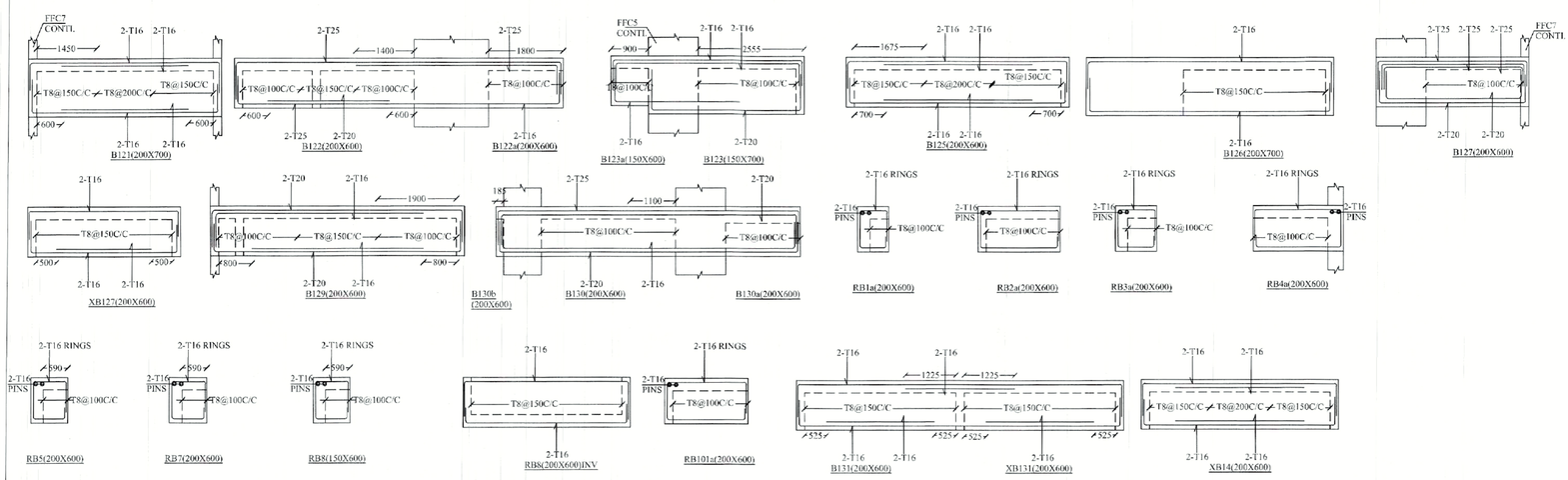
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
FIRST FLOOR ROOF
BEAM DETAILS

FILE NAME:		SCALE
DESIGN: ANJAN		N.T.S
DRAWN: KEERTHI	DATE: 08.07.2024	
COORD BY:	CHECKED BY:	
JOB NO: S-4939	DRG NO: S-005B	REV NO: R0





NOTES:–

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-560
3. CLEAR COVER TO MAIN REINFORCEMENT :
   FOR FOOTINGS –50mm ; COLUMNS –25mm
   FOR BEAMS–25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT+1, GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

REVISION			
REV NO	DISCRIPTION	DATE	SIGN

ISSUALS			
NO	DESCRIPTION	DATE	SIGN

REVISION			
NO.	DESCRIPTION	DATE	SIGN.

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

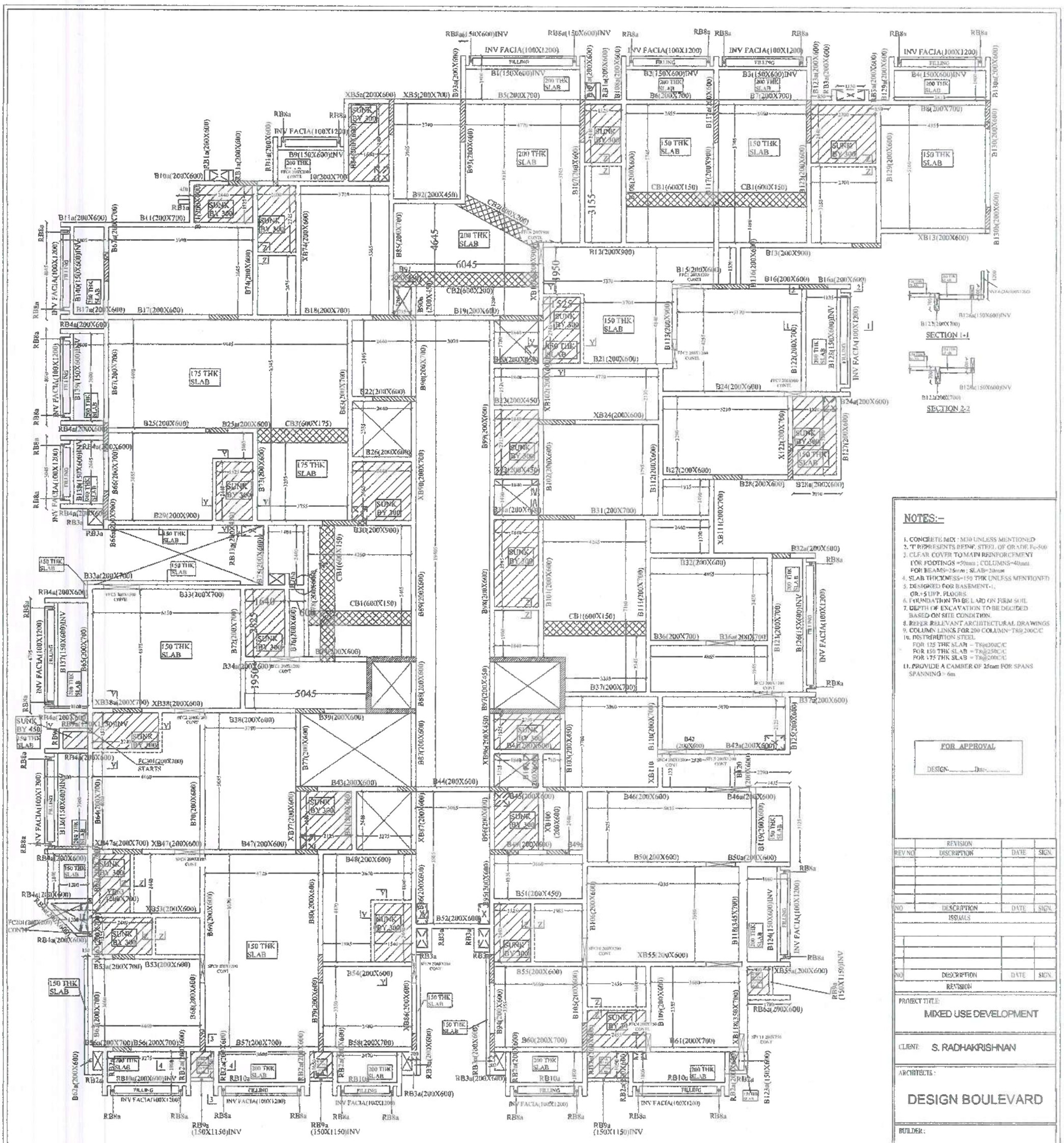
STRUCTURAL CONSULTANTS

Specs
#162 , 'PEARL SPEC'
FIRST FLOOR, MARGOSA ROAD,
OPP. MALLESWARAM GROUND,
MALLESWARAM, BENGALURU.
PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE :
FIRST FLOOR ROOF BEAM DETAILS

FILE NAME :		SCALE
DESIGN: ANJAN		N.T.S
DRAWN : KEERTHI	DATE : 08.07.2024	
COORD BY:	CHECKED :SIR	
JOB NO : S-4939	DRG NO: S-405B	REV NO: R0



NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=40mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT+ G.R.+5 UPP. FLOORS.
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

FOR APPROVAL

DESIGN-_____ Date:_____

NOTE: ALL PLANTER FILLINGS TO BE MADE FOR MAX 300mm

SLAB THICKNESS = 125 THK UNLESS MENTIONED

BEAM SIZES = 200X600 UNLESS MENTIONED

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
	ISSUED		
NO	DESCRIPTION	DATE	SIGN.
	REVISION		

PROJECT TITLE: MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS: DESIGN BOULEVARD

BUILDER: KINGS ESTATE

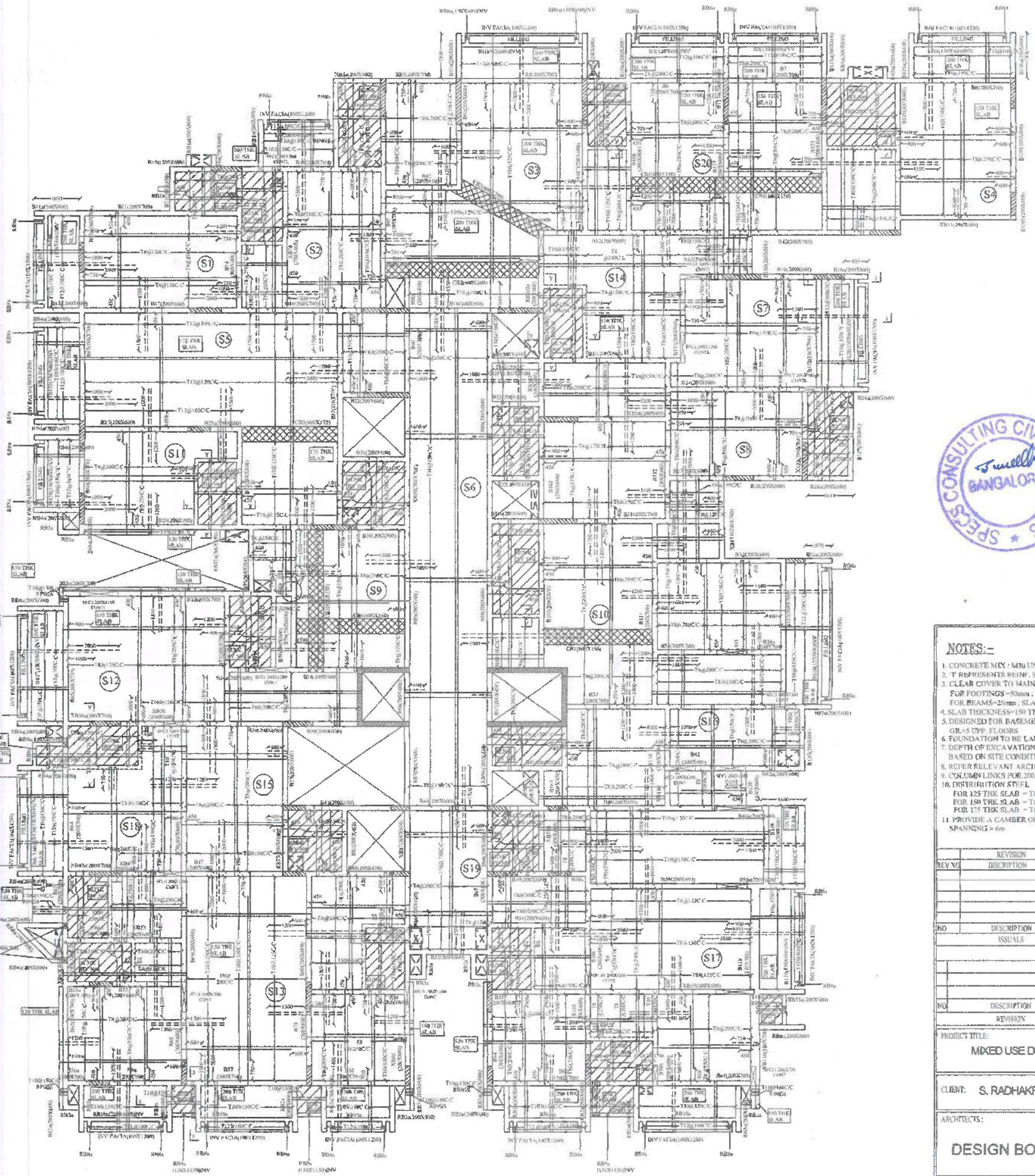
STRUCTURAL CONSULTANTS

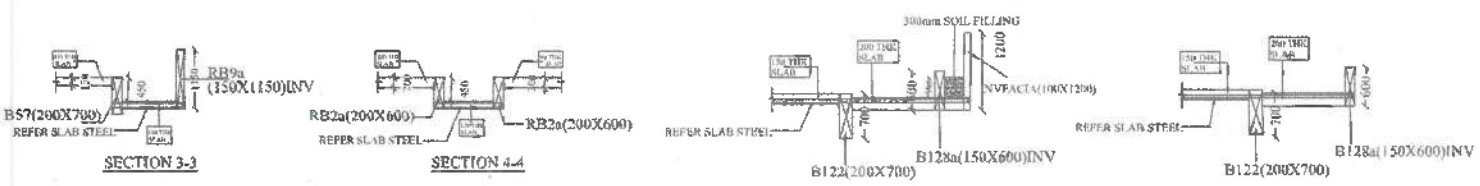
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23368719.

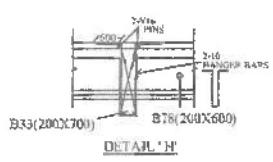
GOOD FOR CONSTRUCTION

DRAWING TITLE: TYPICAL FLOOR ROOF SLAB DETAILS (2nd, 3rd, 4th, and 5th)

FILE NAME :		SCALE:
DESIGN: ANJAN		N.T.S
DRAWN : SEWETHA	DATE : 10.08.2024	
COORD BY:	CHECKED :HR	
JOB NO : S-4939	DRG NO: S-006	REV NO: R0







SLAB THICKNESS = 150 THK UNLESS MENTIONED

BEAM SIZES = 200X600 UNLESS MENTIONED

NOTE: ALL PLANTER FILLINGS TO BE DONE FOR MAX 300mm

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'F' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS=50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1, GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS SPANNING > 6m

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
	ISSUALS		

NO	DESCRIPTION	DATE	SIGN.
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS:
DESIGN BOULEVARD

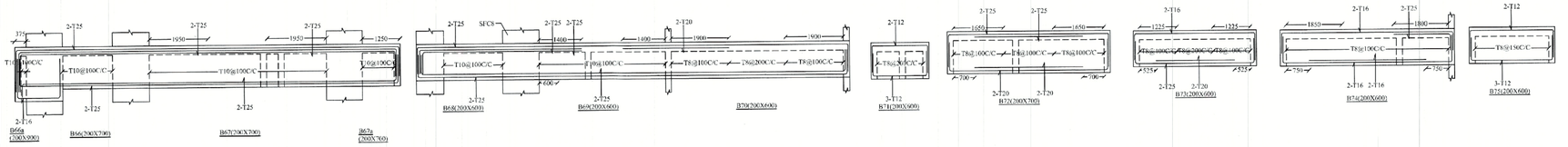
BUILDER:
KINGS ESTATE

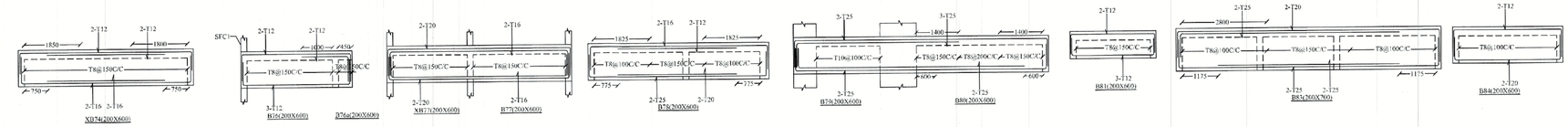
STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

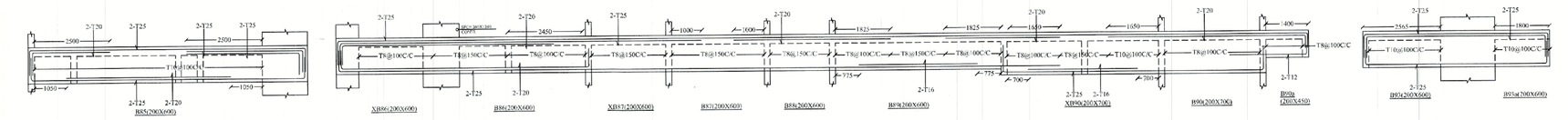
GOOD FOR CONSTRUCTION

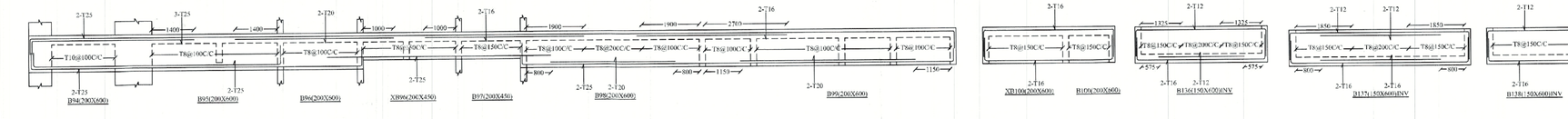
DRAWING TITLE:
TYPICAL FLOOR ROOF SLAB DETAILS (2nd, 3rd, 4th, and 5th)

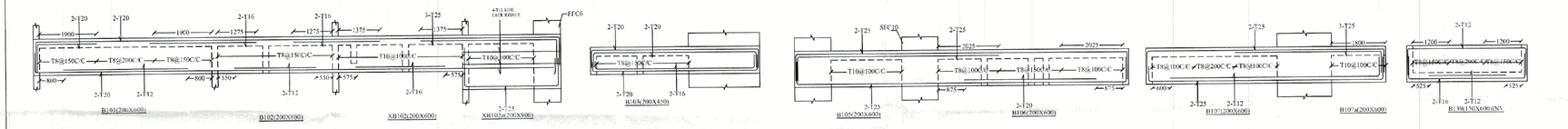
FILE NAME:		SCALE: N.T.S.
DESIGN: ANJAN		
DRAWN : KEERTHI	DATE : 10.08.2024	
COORD BY:	CHECKED: HJR	
JOB NO : S-4939	DRG NO: S-006A	REV NO: R0

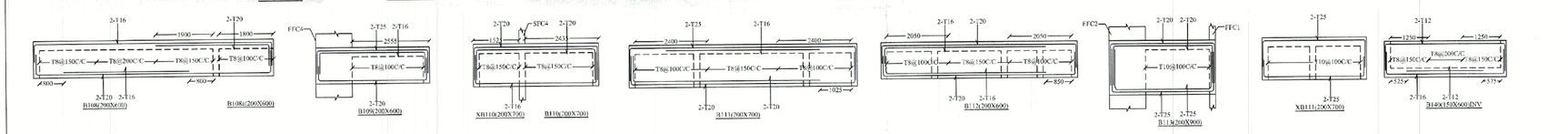


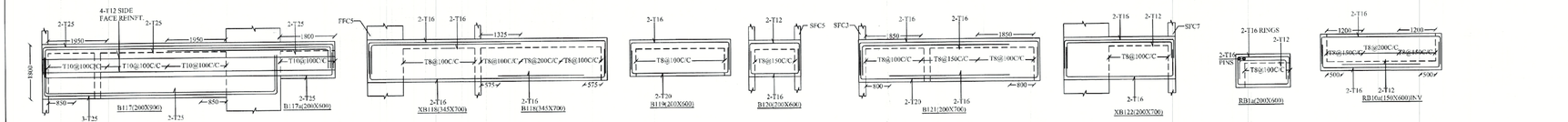


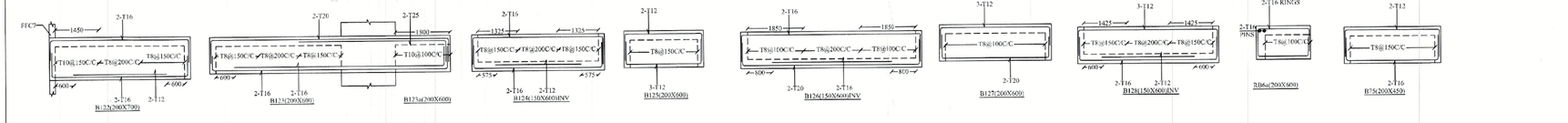


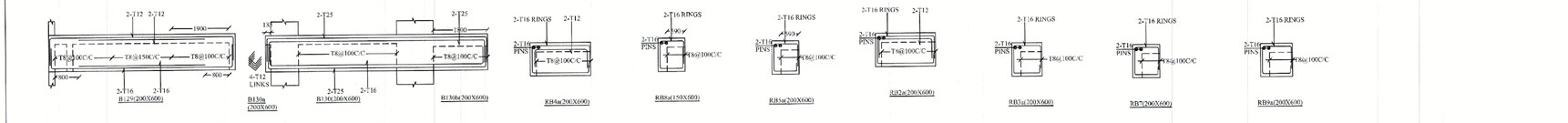












NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'f' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS =25mm ; SLAB =20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT-1,
   GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS
    SPANNING > 6m

REVISION			
REV NO	DISCRIPTION	DATE	SIGN

ISSUALS			
NO	DESCRIPTION	DATE	SIGN

REVISION			
NO	DESCRIPTION	DATE	SIGN

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS:
DESIGN BOULEVARD

BUILDER:
KINGS ESTATE

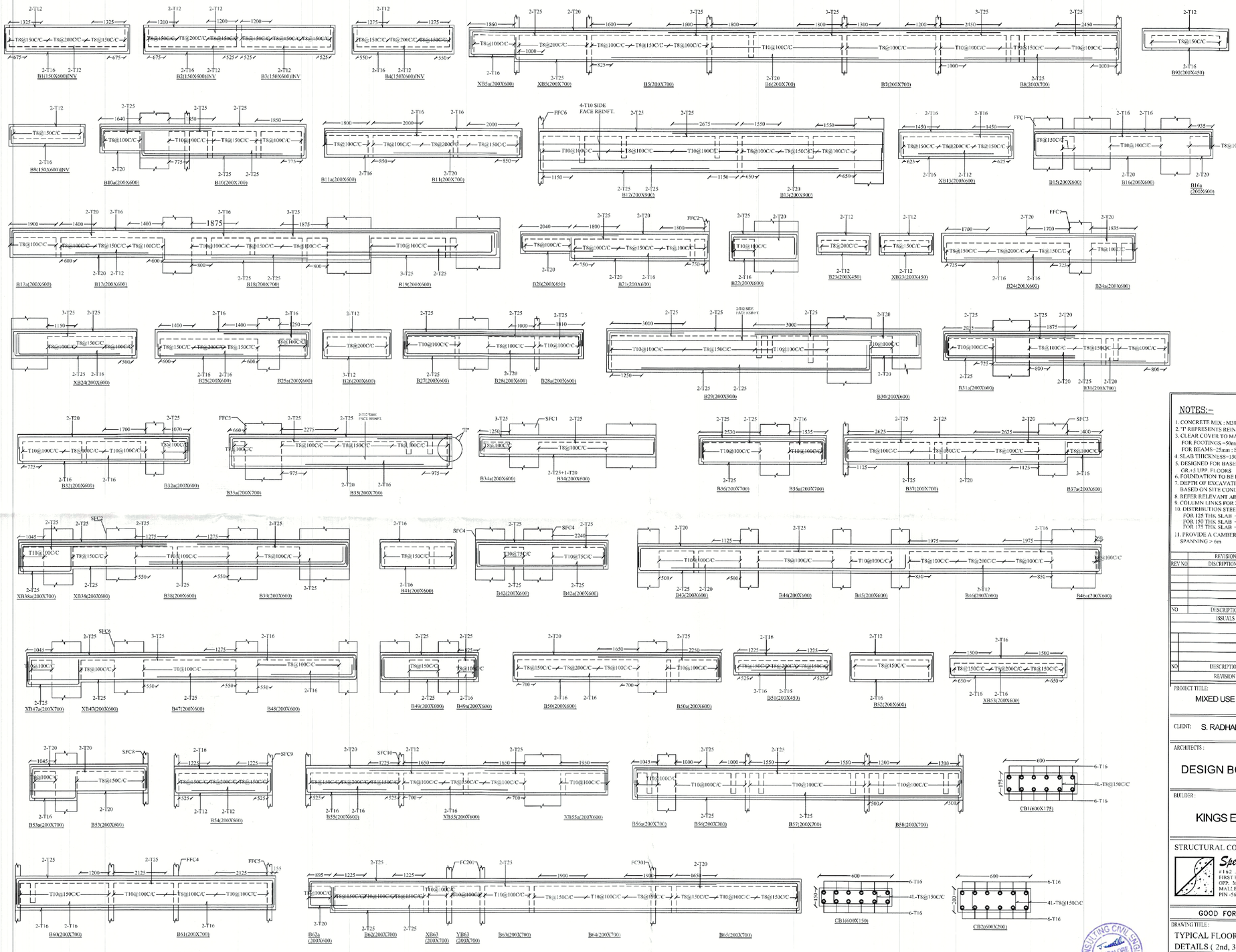
STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MAROOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23344799.

GOOD FOR CONSTRUCTION

DRAWING TITLE:
TYPICAL FLOOR ROOF SLAB DETAILS (2nd, 3rd, 4th, and 5th)

FILE NAME:		SCALE
DESIGN: ANJAN		N.T.S
DRAWN : KEERTHI	DATE : 10.08.2024	
COORD BY:	CHECKED :HJR	
JOB NO: S-4939	DRG NO: S-006B	REV NO: R0

SPECS CONSULTING CIVIL ENGINEERS BANGALORE



NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT
   FOR FOOTINGS =50mm ; COLUMNS=25mm
   FOR BEAMS=25mm ; SLAB=20mm
4. SLAB THICKNESS=150 THK UNLESS MENTIONED
5. DESIGNED FOR BASEMENT+1,
   GR.+5 UPP. FLOORS
6. FOUNDATION TO BE LAID ON FIRM SOIL
7. DEPTH OF EXCAVATION TO BE DECIDED
   BASED ON SITE CONDITION.
8. REFER RELEVANT ARCHITECTURAL DRAWINGS
9. COLUMN LINKS FOR 200 COLUMN=T8@200C/C
10. DISTRIBUTION STEEL
    FOR 125 THK SLAB = T8@300C/C
    FOR 150 THK SLAB = T8@250C/C
    FOR 175 THK SLAB = T8@200C/C
11. PROVIDE A CAMBER OF 25mm FOR SPANS
    SPANNING > 6m

REV NO	REVISION DISCRIPTION	DATE	SIGN

NO	DESCRIPTION	DATE	SIGN
	INSUALS		

NO	DESCRIPTION	DATE	SIGN
	REVISION		

PROJECT TITLE:
MIXED USE DEVELOPMENT

CLIENT: S. RADHAKRISHNAN

ARCHITECTS :
DESIGN BOULEVARD

BUILDER :
KINGS ESTATE

STRUCTURAL CONSULTANTS

Specs
#162 , 'P E A R L S P E C'
FIRST FLOOR, MARGOSA ROAD,
OPP. MALLESWARAM GROUND,
MALLESWARAM, BENGALURU.
PIN -560003 PH: 080-23348799.

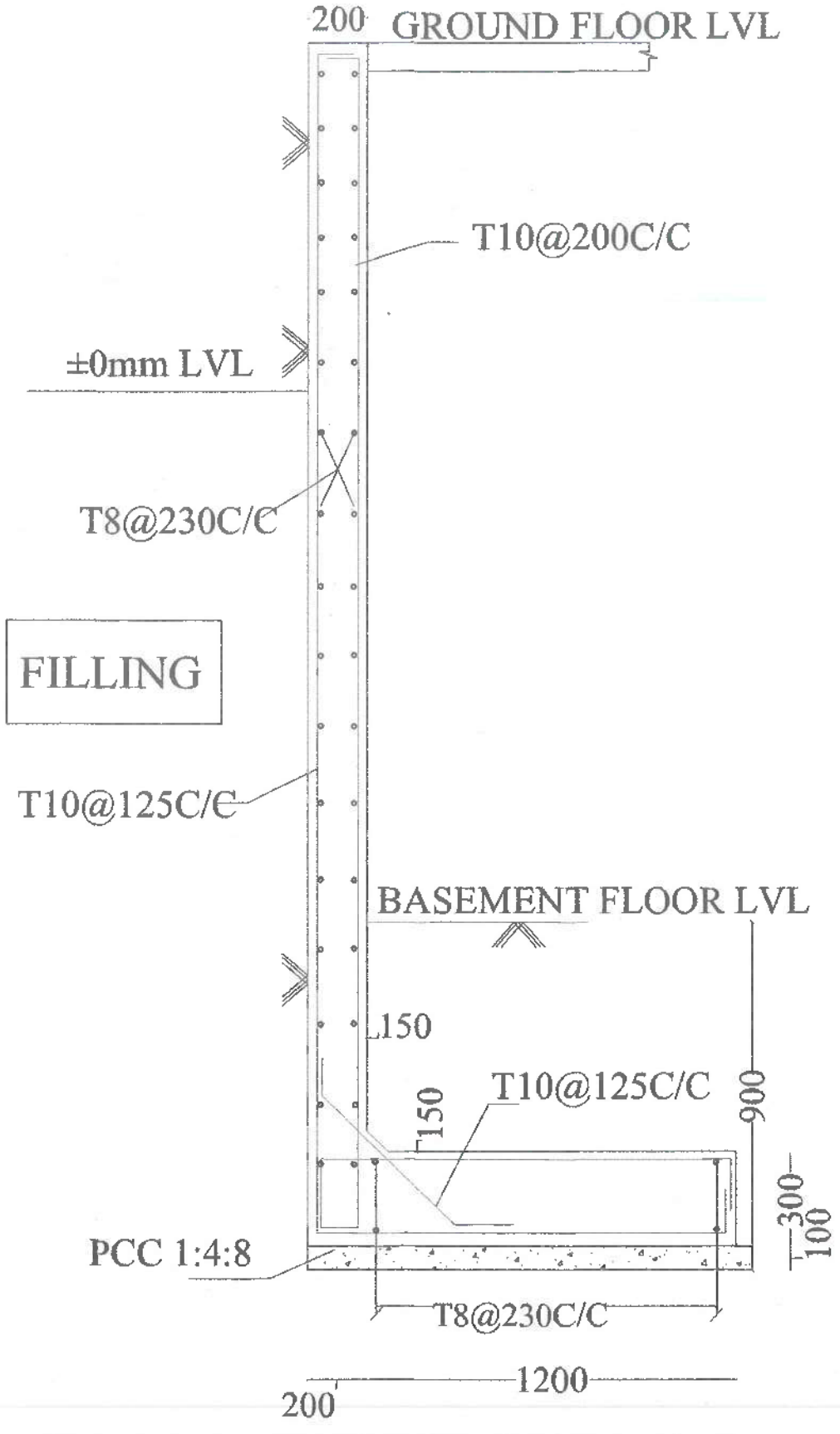
GOOD FOR CONSTRUCTION

DRAWING TITLE:
TYPICAL FLOOR ROOF SLAB
DETAILS (2nd, 3rd, 4th, and 5th)

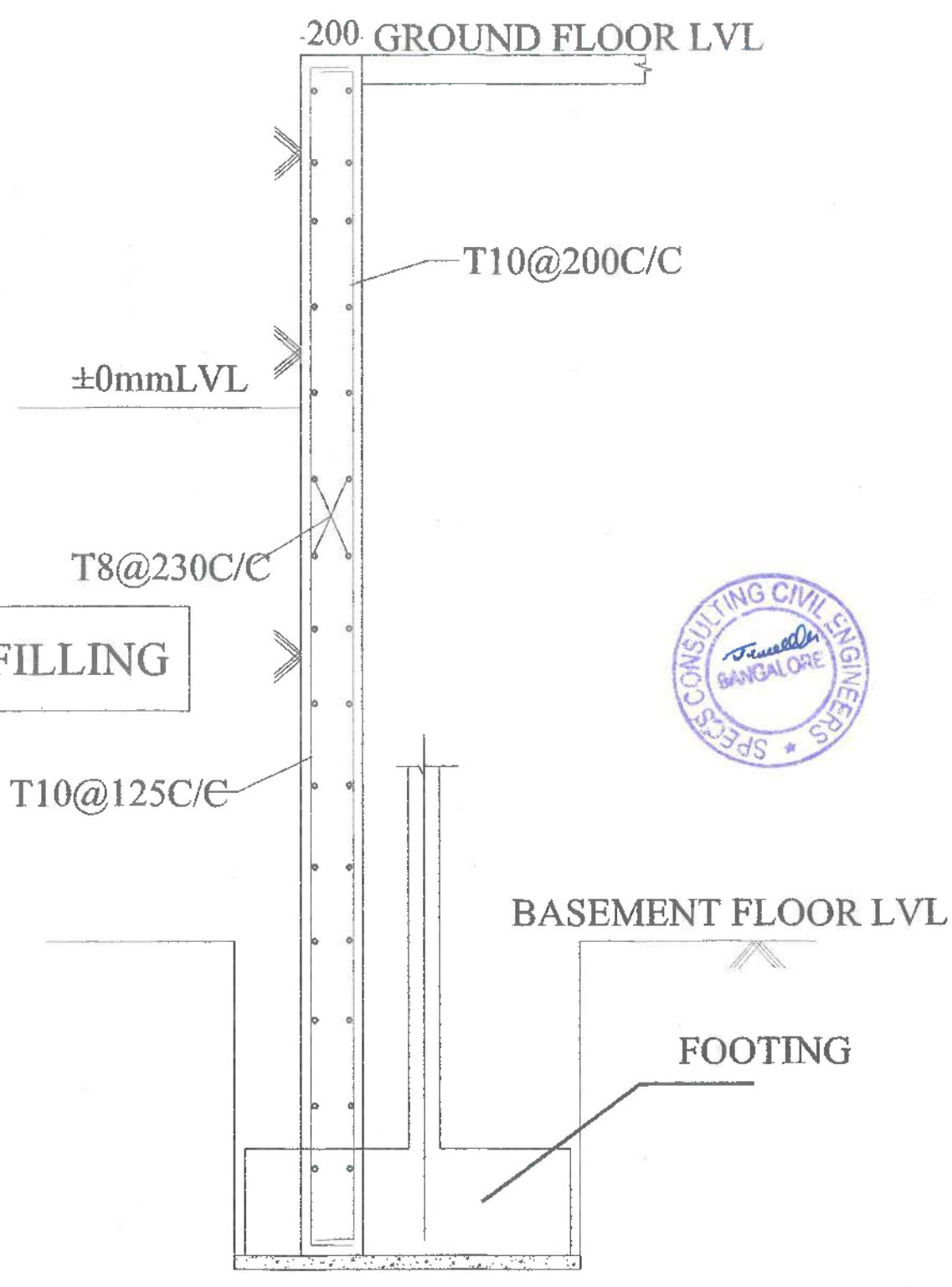
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DESIGN: ANJAN		N.T.S
DRAWN : KEERTHI	DATE : 15/08/2024	
COORD BY:	CHECKED :HR	
JOB NO : S-4039	DRG NO: S-4068	REV NO: R0

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

GOOD FOR CONSTRUCTION



TYPICAL RCC RETAINING WALL(RW1) DETAIL
RESTING ON SOIL



TYPICAL RCC RETAINING WALL(RW1)
RESTING ON FOOTING

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

NOTES:-

1. CONCRETE MIX : M30 UNLESS MENTIONED
2. 'T' REPRESENTS REINF. STEEL OF GRADE Fe-500
3. CLEAR COVER TO MAIN REINFORCEMENT FOR WALL AND BOTTOM SLAB =40mm ; TOP SLAB =25mm
4. REFER RELEVANT ARCHITECTURAL DRAWINGS

FOR APPROVAL

DESIGN-..... Date-.....

REVISION			
REV NO	DESCRIPTION	DATE	SIGN.

NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
KINGS ESTATE

CLIENT:

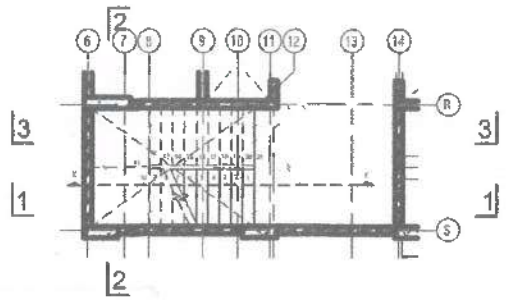
ARCHITECTS :
DESIGN BOULIVARD

STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN-560003 PH: 080-23348799.

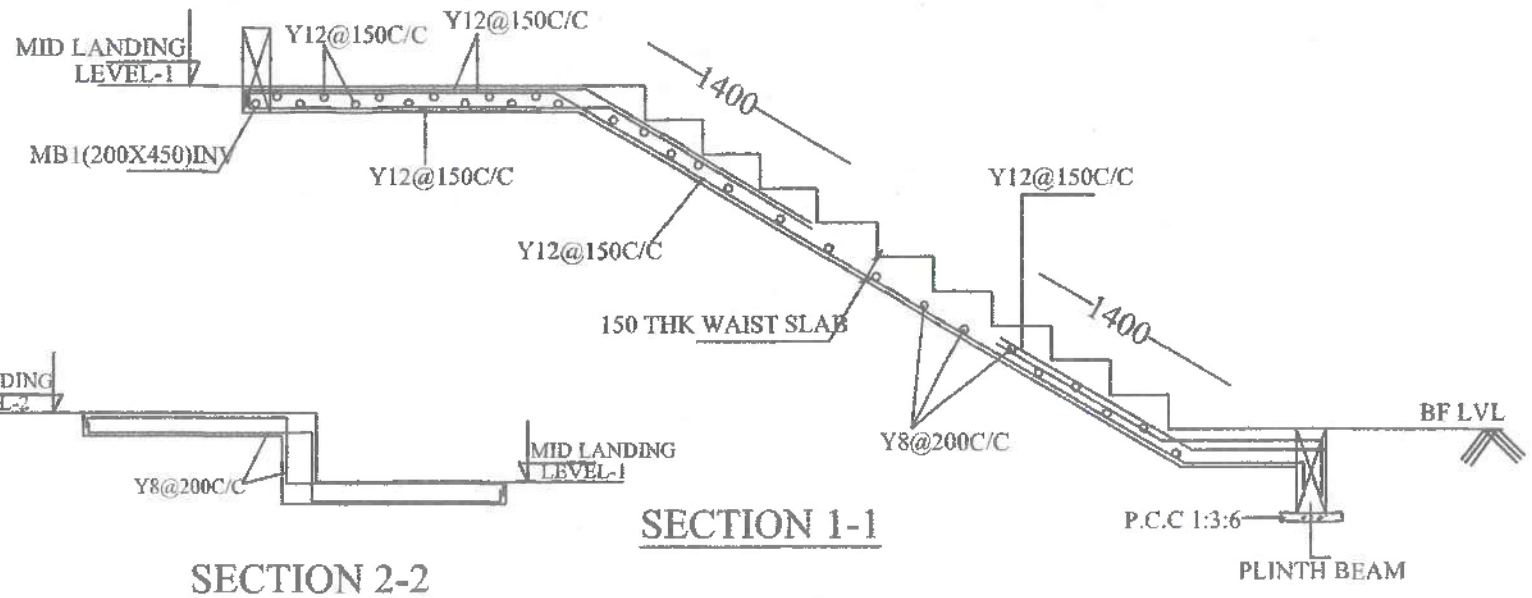
APPROVAL DRAWING

DRAWING TITLE :
RETAINING WALL DETAILS

FILE NAME :		SCALE : N.T.S
DESIGN: HJR		
DRAWN : SHASHI	DATE : 08.08.2023	
COORD BY:	CHECKED :HJR	
JOB NO : S-4939	DRG NO: S-002	REV NO: R0

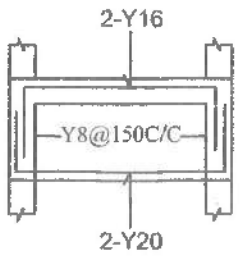


PLAN



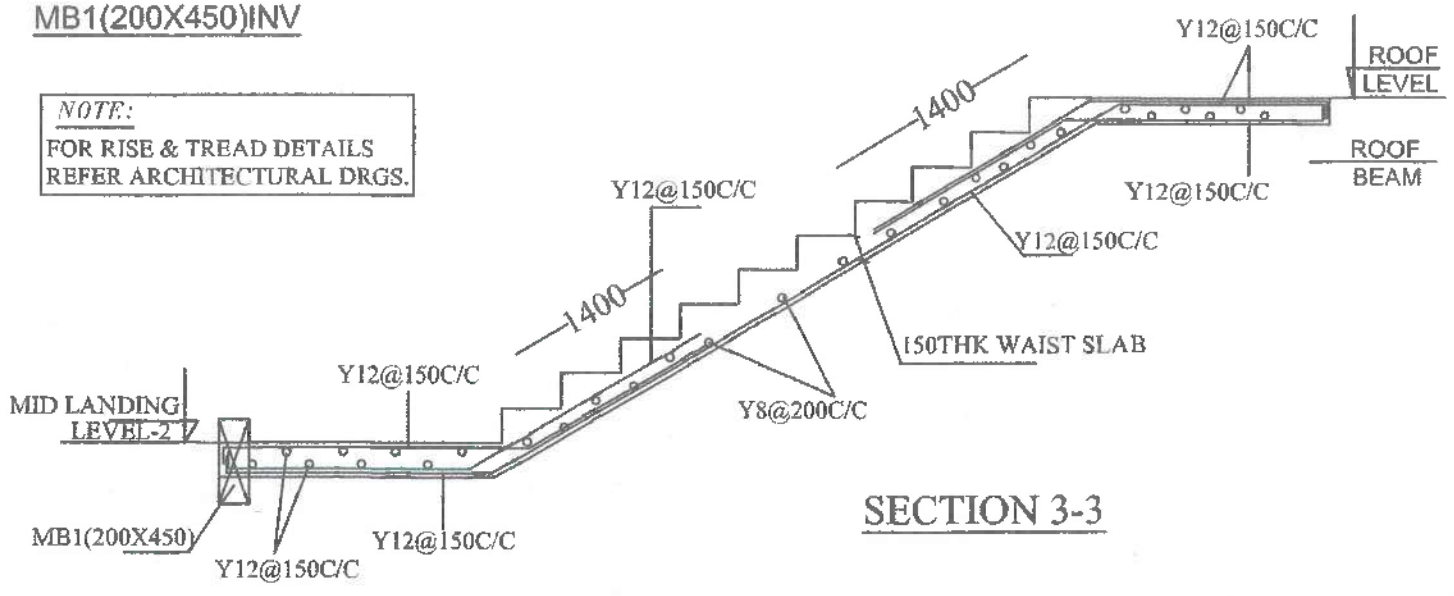
SECTION 2-2

SECTION 1-1



MB1(200X450)INV

NOTE:
FOR RISE & TREAD DETAILS
REFER ARCHITECTURAL DRGS.



SECTION 3-3

SPECS CONSULTING CIVIL ENGINEERS
BANGALORE

NOTES:-

1. CONCRETE MIX = M 25
2. 'Y' REPRESENTS REINF. STEEL OF GRADE Fe500
3. CLEAR COVER FOR MAIN REINF FOR BEAMS=25MM; SLAB =15MM
4. REFER RELEVANT ARCHITECTURAL DRAWINGS

REVISION			
REVNO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
KINGS ESTATE

CLIENT:

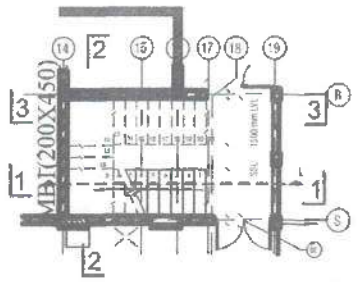
ARCHITECTS:
DESIGN BOULIVARD

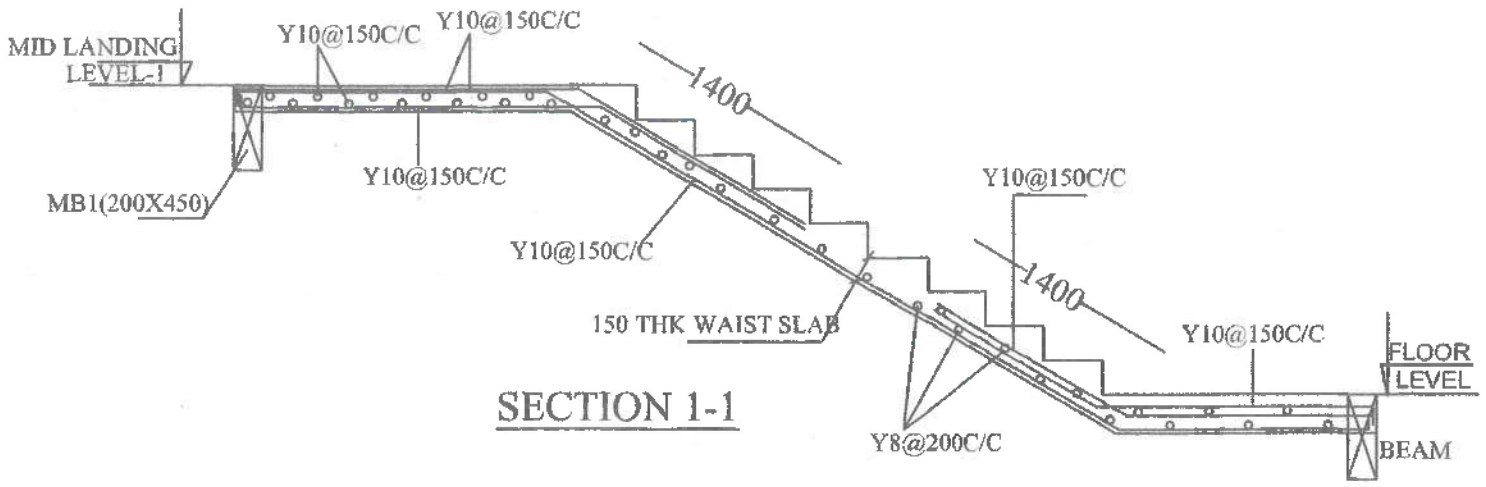
STRUCTURAL CONSULTANTS
Specs
#162, "PEARL SPEC" FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM 18TH CROSS, MALLESWARAM, BENGALURU. PIN - 560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

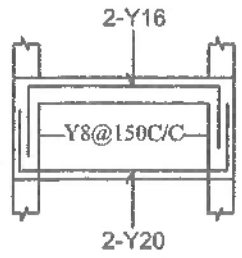
DRAWING TITLE:
STAIRCASE DRAWING

FILE NAME:		SCALE:
DESIGN: HJR		N.T.S
DRAWN: MEGHANA	DATE: 06.05.2024	
COORD BY:	CHECKED: HJR	
JOB NO: S-4039	DRG NO: S-015	REV NO: R0

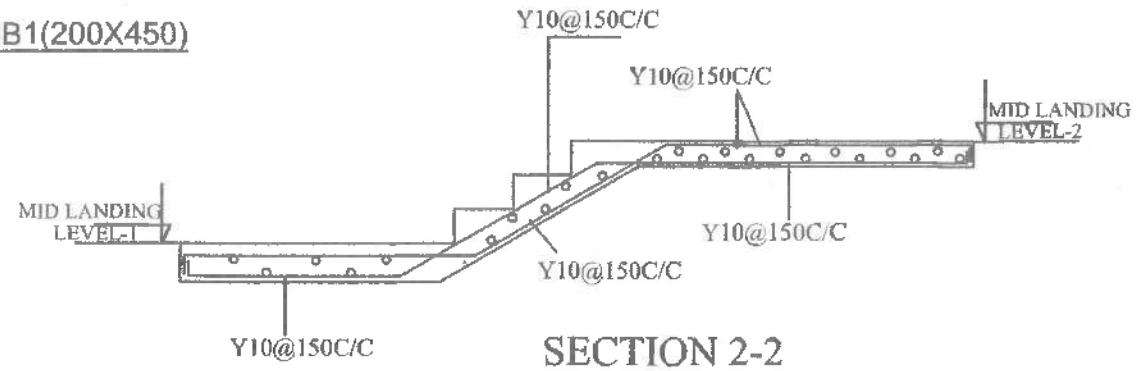




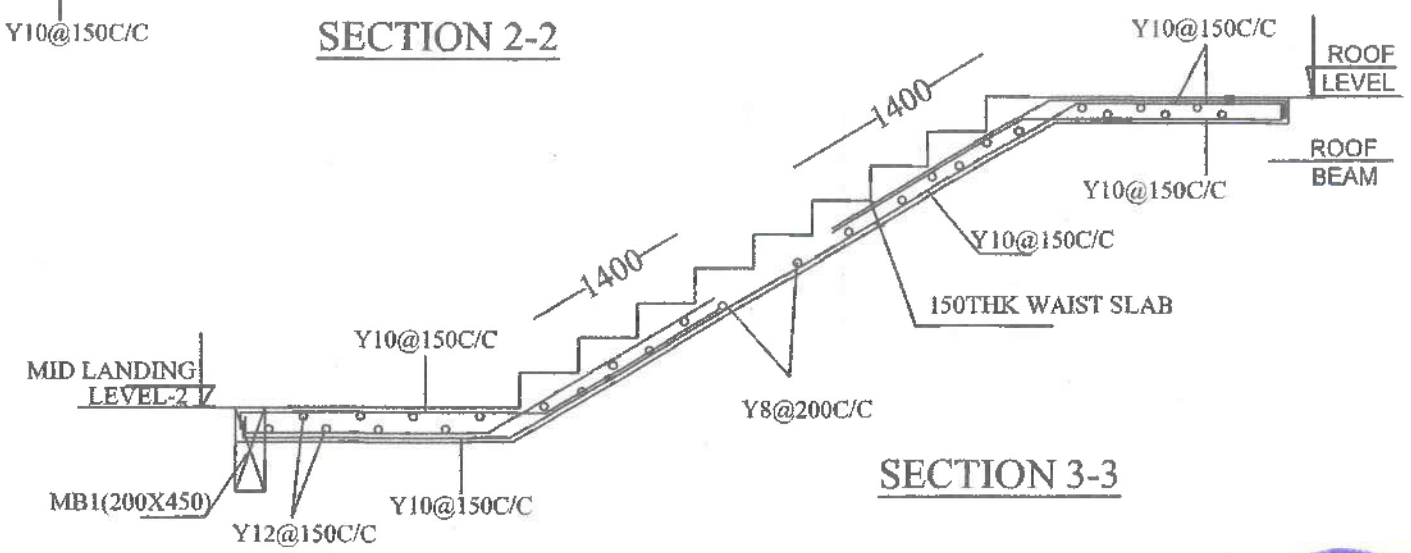
SECTION 1-1



MB1(200X450)



SECTION 2-2



SECTION 3-3

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

NOTES:-

1. CONCRETE MIX – M 25
2. 'Y' REPRESENTS REINF. STEEL OF GRADE Fe500
3. CLEAR COVER FOR MAIN REINF FOR BEAMS=25MM; SLAB =15MM
4. REFER RELEVANT ARCHITECTURAL DRAWINGS

REVISION			
REV NO	DISCRIPTION	DATE	SIGN.
NO	DESCRIPTION	DATE	SIGN.
ISSUALS			
NO	DESCRIPTION	DATE	SIGN.
REVISION			

PROJECT TITLE:
KINGS ESTATE

CLIENT:

ARCHITECTS:
DESIGN BOULIVARD

STRUCTURAL CONSULTANTS
Specs
#162, 'PEARL SPEC' FIRST FLOOR, MARGOSA ROAD, OPP. MALLESWARAM GROUND, MALLESWARAM, BENGALURU. PIN -560003 PH: 080-23348799.

GOOD FOR CONSTRUCTION

DRAWING TITLE:
STAIRCASE DRAWING

FILE NAME:		SCALE:
DESIGN: HJR		N.T.S
DRAWN: SREEJA	DATE: 06.05.2024	
COORD BY:	CHECKED: HJR	
JOB NO: S-4939	DRG NO: S-015	REV NO: R0

Specs CONSULTING CIVIL ENGINEERS

July 16, 2024

STABLITY CERTIFICATE

TO WHOMSOEVER CONCERN

Name and Description of Project.	Commercial Space & Residential Apartment S.F.No.603/4A , 604/1B2B, Tiruvalam Road, Katpadi – 632007 , Vellore Dist
Name of Architect.	DESIGNBOULEVARD #280, 3rd A Cross Road, 1st Main Domlur 2nd Stage, Indiranagar , Bengaluru - 560071

This is to certify that the structural work for the **above mentioned** Building has been designed for Basement + Ground Floor + 5 Upper Floors in conformity with the provisions of prevalent Indian Standard Code and the structure **'Safe and Sound'** for loads for which it is intended. The earthquake and wind forces have been considered while designing the structure. According to the relevant IS Codes. This is to the best of our knowledge and belief today.

FOR Specs

SPECS CONSULTING CIVIL ENGINEERS BANGALORE

H J RADHAKRISHNA SETTY
B.E. (CIVIL), M.E. (STRUCTURES),
PRINCIPAL STRUCTURAL CONSULTANT
(BCCL/BL-3.6/SE-0195/21-22)

162, First Floor, 'Pearl Rachel', Opp. Malleshwaram Ground, Margosa Road, Malleshwaram, Bangalore - 560 003.
Phone : 080 2334 8799 (O), Mobile : 98440 83192, email : specs@rediffmail.com, specsonline@gmail.com, specs1508@yahoo.com



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Compliance & Special Services

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empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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We're honored to be part of your real estate journey

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