

RE

REGULATORY RECORD

RERA Document

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STABILITY CERTIFICATE

The detailed engineering and structure design of the Proposed Construction of High rise Group development building with 29.05m height consisting of 4 Blocks, Block -1: Stilt Floor+6 Floors with 120 dwelling units, Block -2: Stilt Floor+6 Floors with 120 dwelling units, Block -3: Stilt Floor+6 Floor with 114 dwelling units, Block -4: Stilt Floor+6 Floors with 72 (Totally 426 dwelling units) Residential Building at Appavoo Nagar and Subbu Pillai Thottam Phase-1, Mambalam, Chennai in Old S.NO-3/1 Pt, T.S.No-3/3 Block – 29 of Mambalam Village within the limit of Greater Chennai Corporation has been done by me/us based on the report of geotechnical investigation (soil test) done by Dr. C.V. Prasad, Report No. GT-2668 Dated -19.10.2023, and considering the functional requirement of the building.

2. It is certified that among other factors, the proposed building has been designed to resist earthquake. I/We have checked various parameters and found that the proposed building would be safe.

3. I/We further certify that:

(i) The minimum grade for concrete is M-40.

(ii) The design and analysis has been done using the code of practice for plain and reinforced concrete as per IS 456, design loads as per IS Codes and design of earthquake resistant structure as per IS Code No-1893 (PART-1):2016.

4. The building will be safe and sound when used for the purpose for which is designed.

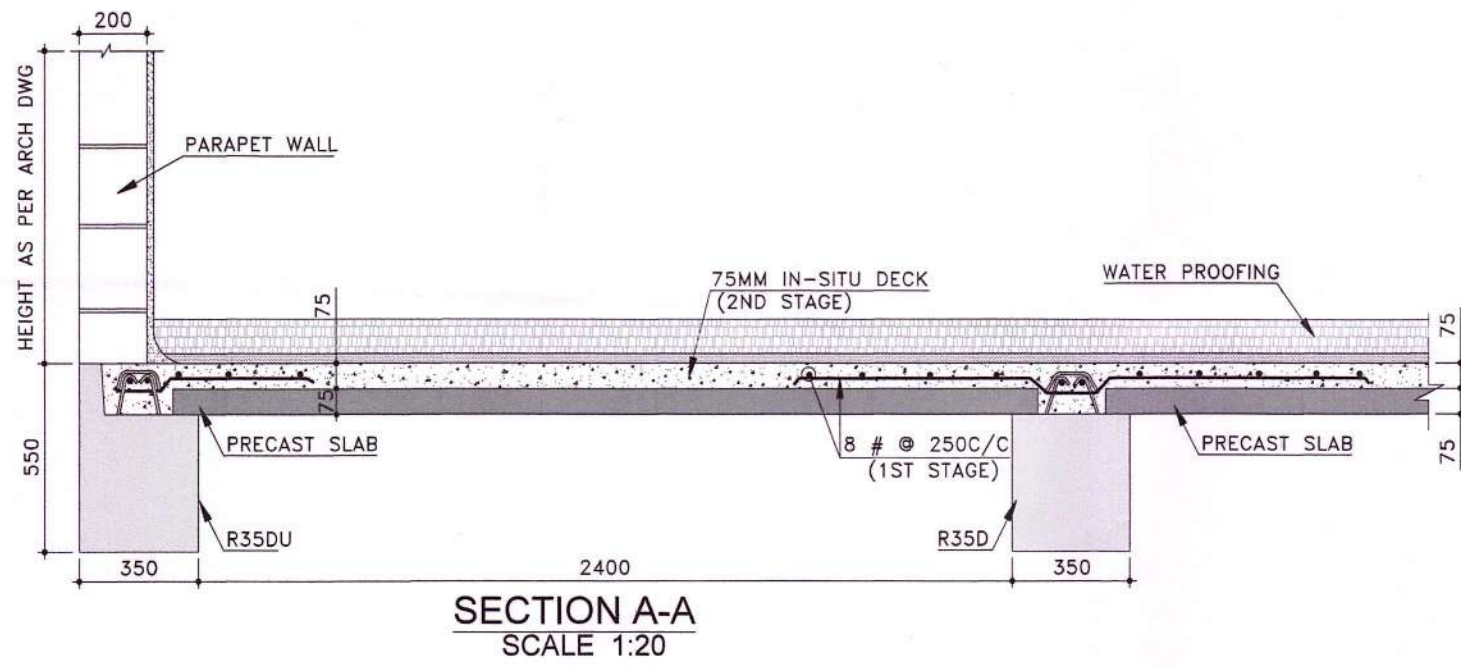


Stamp and Signature
RAVI KUMAR PONAMALA
REG. No: SE / I / 2024 / 6 / 0027
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SCHEDULE OF PRECAST BEAMS AT ROOF SLAB LEVEL										
CLEAR COVER = 30MM, CONC. GRADE = M40, STEEL GRADE = Fe500D										
SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		
				THRO.	CURTAIN	NEAR	MIDDLE	FAR	END ZONE	MID ZONE
1	RB1	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
2	RB2	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
3	RB3	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
4	RB4	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
5	RB5	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 90C/C	2L - 8# @ 180 C/C
6	RB6	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 100C/C	2L - 8# @ 180 C/C
7	RB7	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 100C/C	2L - 8# @ 180 C/C
8	RB8	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 100C/C	2L - 8# @ 180 C/C
9	RB9	R35D	350x550	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C	2L - 8# @ 200 C/C
10	RB10	R35D	350x550	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C	2L - 8# @ 200 C/C
11	RB11	R35D	350x550	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C	2L - 8# @ 200 C/C
12	RB12	R35D	350x550	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C	2L - 8# @ 200 C/C
13	RB13	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 180 C/C
14	RB14	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 180 C/C
15	RB15	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
16	RB16	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
17	RB17	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
18	RB18	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
19	RB19	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
20	RB20	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
21	RB21	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
22	RB22	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
23	RB23	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
24	RB24	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
25	RB25	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
26	RB26	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
27	RB27	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
28	RB28	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
29	RB29	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
30	RB30	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
31	RB31	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
32	RB32	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
33	RB33	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
34	RB34	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
35	RB35	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
36	RB36	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
37	RB37	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
38	RB38	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
39	RB39	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
40	RB40	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
41	RB41	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
42	RB42	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
43	RB43	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
44	RB44	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
45	RB45	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
46	RB46	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
47	RB47	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
48	RB48	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
49	RB49	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
50	RB50	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
51	RB51	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
52	RB52	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
53	RB53	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
54	RB54	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
55	RB55	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
56	RB56	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
57	RB57	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
58	RB58	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
59	RB59	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
60	RB60	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
61	RB61	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
62	RB62	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
63	RB63	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
64	RB64	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
65	RB65	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
66	RB66	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C
67	RB67	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C

SCHEDULE OF PRECAST RCC SLAB AT ROOF SLAB LEVEL										
CLEAR COVER = 25MM, CONC. GRADE = M40, STEEL GRADE = Fe500D										
SR. NO.	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK		MAIN STEEL	DISTRIBUTION STEEL	REMARK		
		SPAN	WIDTH	PRECAST SLAB	IN SITU					
1	RS1	2550	2415	75	75	8# @ 200 C/C	8# @ 250 C/C			
2	RS2	2550	2405	75	75	8# @ 200 C/C	8# @ 250 C/C			
3	RS4	2025	2250	75	75	8# @ 200 C/C	8# @ 250 C/C			
4	RS5	2855	2850	75	75	8# @ 175 C/C	8# @ 250 C/C			
5	RS6	2000	2250	75	75	8# @ 200 C/C	8# @ 250 C/C			
6	RS7	1450	750	75	75	8# @ 200 C/C	8# @ 250 C/C			
7	RS8	2705	3100	75	75	8# @ 200 C/C	8# @ 250 C/C			
8	RS9	2100	4100	75	75	8# @ 150 C/C	8# @ 250 C/C			
9	RS10	700	600	75	75	8# @ 200 C/C	8# @ 250 C/C			
10	RS11	1650	3240	75	75	8# @ 150 C/C	8# @ 250 C/C			
11	RS12	2100	3075	75	75	8# @ 200 C/C	8# @ 250 C/C			
12	RS13	1650	3305	75	75	8# @ 150 C/C	8# @ 250 C/C			
13	RS14	1650	3615	75	75	8# @ 150 C/C	8# @ 250 C/C			
14	RS15	2100	2875	75	75	8# @ 200 C/C	8# @ 250 C/C			
15	RS18	2780	2850	75	75	8# @ 175 C/C	8# @ 250 C/C			
16	RS19	2550	2380	75	75	8# @ 200 C/C	8# @ 250 C/C			
17	RS20	925	525	75	75	8# @ 200 C/C	8# @ 250 C/C			
18	S21	1050	2805	75	75	8# @ 150 C/C	8# @ 250 C/C			
19	RS22	2730	2850	75	75	8# @ 200 C/C	8# @ 250 C/C			
20	RS24	875	525	75	75	8# @ 200 C/C	8# @ 250 C/C			
21	RS25	2550	2365	75	75	8# @ 200 C/C	8# @ 250 C/C			
22	RS26/RS26A	1075	2025	75	75	8# @ 200 C/C	8# @ 250 C/C			
23	RS27/RS27A	875	2390	75	75	8# @ 200 C/C	8# @ 250 C/C			
24	STR-1	3050	1425	125	55	10# @ 150 C/C	8# @ 230 C/C			
25	STR-2	3050	1425	125	55	10# @ 150 C/C	8# @ 230 C/C			

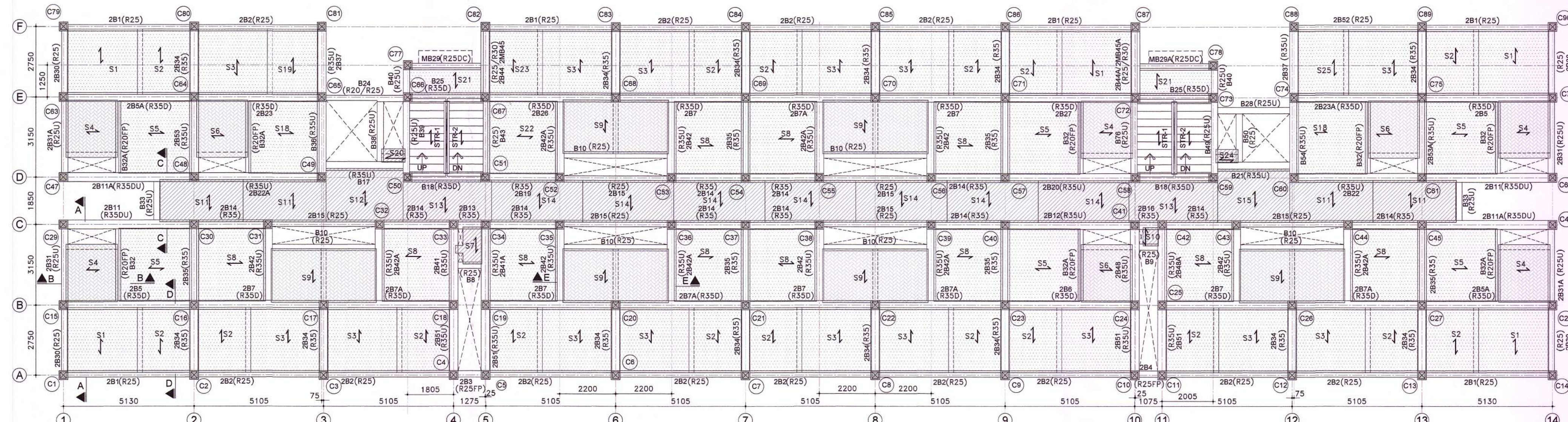
SCHEDULE OF '3-S' COLUMN					
CLEAR COVER 50mm, CONC. GRADE M40, STEEL GRADE - Fe500D.					
SR. NO.	COLUMN NO.	6TH FLOOR COLUMN SIZE	MAIN REINF.	LATERAL TIES	
				END ZONE	MID ZONE
1	C2, C3, C4, C6, C7, C8, C9, C11, C12, C13, C80, C82, C83, C84, C85, C86, C89	350x350	4-16#	8# @ 75 C/C	8# @ 175 C/C
2	C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C30, C40, C45, C50, C51, C58, C59, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C74, C75, C76	350x350	4-25#	8# @ 75 C/C	8# @ 175 C/C
3	C1, C5, C10, C14, C29, C31, C32, C33, C34, C35, C36, C37, C38, C39, C41, C42, C43, C44, C46, C47, C48, C49, C52, C53, C54, C55, C56, C57, C60, C61, C62, C73, C77, C78, C79, C81, C87, C88, C90	350x350	4-20#	8# @ 75 C/C	8# @ 175 C/C



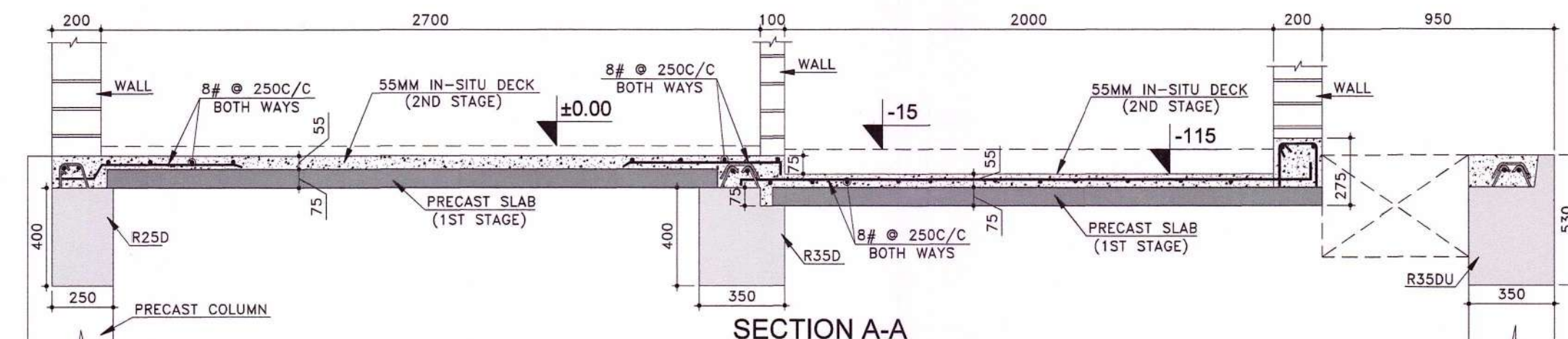
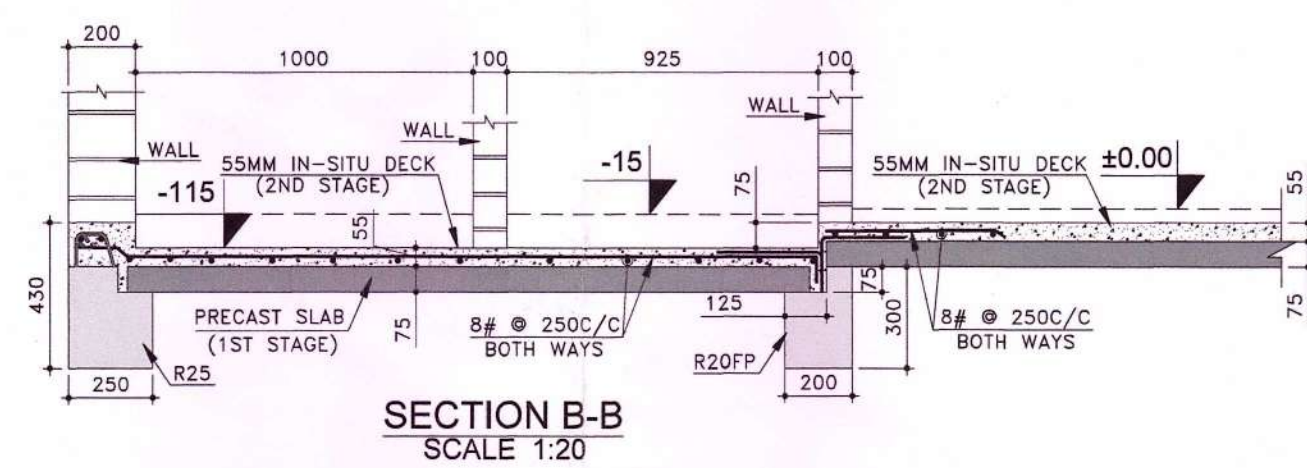
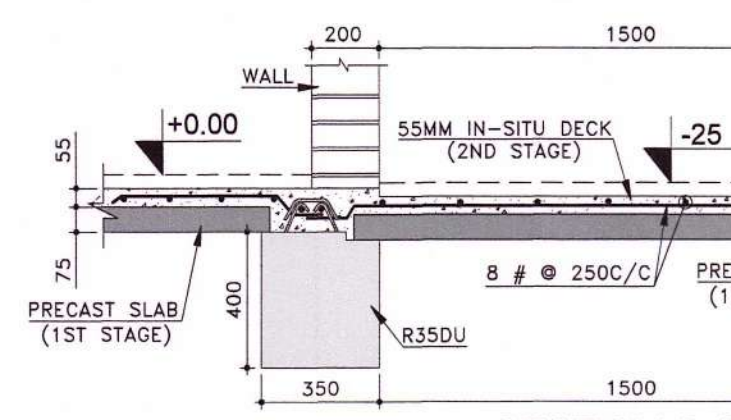
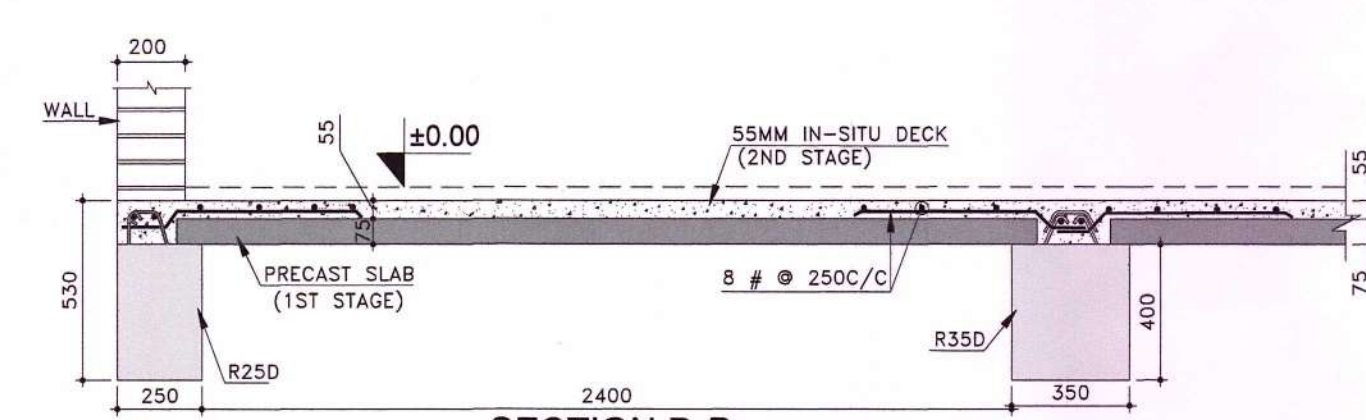
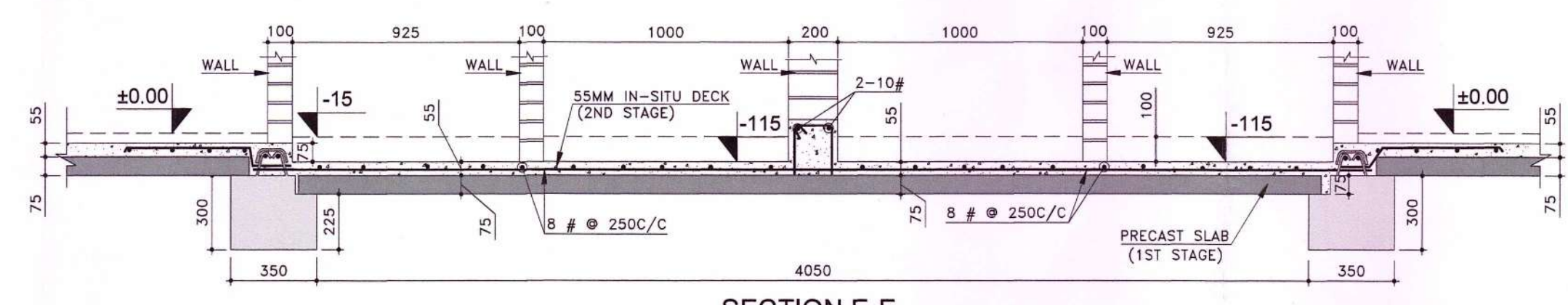
SCHEDULE OF PRECAST BEAMS AT 2ND TO 6TH FLOOR SLAB LEVEL									
SR. NO.	BEAM TYPE	MOULD NO.	BEAM SIZE	CLEAR COVER = 30MM, CONC. GRADE = M40, STEEL GRADE = Fe6000		TOP REINFORCEMENT		STIRRUPS	
				BOTTOM	CURTAIN	NEAR	MIDDLE	FAR	END ZONE
1	2B1	R25	250x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
2	2B2	R25	250x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
3	2B3	R25FP	250x415	2-20#	-	2-16#	2-16#	2-16#	2-16#
4	2B4	R25FP	250x415	2-20#	-	2-16#	2-16#	2-16#	2-16#
5	2B5	R35D	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
6	2B5A	R35D	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
7	2B6	R35D	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
8	2B7	R35D	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
9	2B7A	R35D	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
10	B8	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
11	B9	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
12	B10	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
13	2B11	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
14	2B11A	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
15	2B12	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
16	2B13	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
17	2B14	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
18	2B15	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
19	2B16	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
20	B17	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
21	B18	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
22	2B19	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
23	2B20	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
24	B21	R35DU	350x530	2-16#	-	2-16#	2-16#	2-16#	2-16#
25	2B22	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
26	2B22A	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
27	2B23	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
28	2B23A	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
29	B24	R20/R25	200/250x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
30	B25	R35DU	350x530	4-16#	-	2-20#	2-16#	2-20#	2-16#
31	2B26	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
32	2B27	R35DU	350x530	2-20#	-	2-20#	2-16#	2-20#	2-16#
33	B28	R25U	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
34	MB29	R25DC	250x530	2-16#	-	2-20#	2-16#	2-20#	2-16#
35	MB29A	R25DC	250x530	2-16#	-	2-20#	2-16#	2-20#	2-16#
36	B30	R25U	250x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
37	B31	R25U	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
38	B31A	R25U	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
39	B32	R20FP	200x300	2-16#	-	2-16#	2-16#	2-16#	2-16#
40	B32A	R20FP	200x300	2-16#	-	2-16#	2-16#	2-16#	2-16#
41	B33	R25U	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
42	B34	R35	350x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
43	B35	R35	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
44	B36	R35U	350x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
45	B37	R35U	350x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
46	B38	R25U	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
47	B39	R25U	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
48	B40	R25U	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
49	B41	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
50	B41A	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
51	B42	R35U	350x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
52	B42A	R35U	350x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
53	B43	R25	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
54	B44	R25	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
55	B44A	R25	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
56	MB45	R30	300x430	4-20#	-	2-16#	2-16#	2-16#	2-16#
57	MB45A	R30	300x430	4-20#	-	2-16#	2-16#	2-16#	2-16#
58	B48	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
59	B48A	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
60	B49	R25U	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
61	B50	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2-16#
62	B51	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
63	B52	R25	250x430	2-20#	-	2-20#	2-16#	2-20#	2-16#
64	B53	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
65	B53A	R35U	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
66	B54	R35	350x430	2-20#	-	2-16#	2-16#	2-16#	2-16#
67	B76	R25U	250x430	2-20#	-	2-16#	2-16#	2-16#	2-16#

SCHEDULE OF PRECAST RCC SLAB AT 2nd to 6th SLAB LEVEL									
SR.NO	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK		MAIN STEEL	DISTRIBUTION STEEL	REMARK	
		SPAN	WIDTH	PRECAST SLAB	IN SITU				
1	S1	2550	2755	75	55	8 # @ 200/C	8 # @ 250/C		
2	S2	2550	2075	75	55	8 # @ 200/C	8 # @ 250/C		
3	S3	2550	2730	75	55	8 # @ 200/C	8 # @ 250/C		
4	S4	2025	2250	75	55	8 # @ 200/C	8 # @ 250/C		
5	S5	2855	2850	75	55	8 # @ 200/C	8 # @ 250/C		
6	S6	2000	2250	75	55	8 # @ 200/C	8 # @ 250/C		
7	S7	1450	750	75	55	8 # @ 200/C	8 # @ 250/C		
8	S8	2705	2850	75	55	8 # @ 200/C	8 # @ 250/C		
9	S9	2100	4150	75	55	8 # @ 150/C	8 # @ 250/C		
10	S10	700	600	75	55	8 # @ 150/C	8 # @ 250/C		
11	S11	1650	3065	75	55	8 # @ 150/C	8 # @ 250/C		
12	S12	2100	3025	75	55	8 # @ 150/C	8 # @ 250/C		
13	S13	1650	3482	75	55	8 # @ 150/C	8 # @ 250/C		
14	S14	1650	3585	75	55	8 # @ 150/C	8 # @ 250/C		
15	S15	2100	2825	75	55	8 # @ 150/C	8 # @ 250/C		
16	S16	2755	2850	75	55	8 # @ 200/C	8 # @ 250/C		
17	S17	2550	2000	75	55	8 # @ 200/C	8 # @ 250/C		
18	S20	925	525	75	55	8 # @ 200/C	8 # @ 250/C		
19	S21	1050	2805	75	55	8 # @ 150/C	8 # @ 250/C		
20	S22	2730	2850	75	55	8 # @ 200/C	8 # @ 250/C		
21	S23	2550	2100	75	55	8 # @ 200/C	8 # @ 250/C		
22	S24	875	525	75	55	8 # @ 150/C	8 # @ 250/C		
23	S25	2550	2000	75	55	8 # @ 200/C	8 # @ 250/C		
24	STR-1	3050	1425	125	55	10 # @ 150/C	8 # @ 230/C	STAIRCASE	
25	STR-2	3050	1425	125	55	10 # @ 150/C	8 # @ 230/C	STAIRCASE	

SCHEDULE OF '3-S' COLUMN									
SR. NO	COLUMN NO.	1ST FLOOR COLUMN		2ND TO 6TH FLOOR COLUMN		LATERAL TIES		REMARK	
		COLUMN SIZE	MAIN REINF.	COLUMN SIZE	MAIN REINF.	END ZONE	MID ZONE		
1	C2, C3, C4, C6, C7, C8, C9, C11, C12, C13, C80, C82, C83, C84, C85, C86, C89	350X350	4-16#	350X350	4-16#	8# @ 75 C/C	8# @ 175 C/C		
2	C15, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C30, C40, C45, C50, C59, C63, C64, C66, C68, C69, C70, C71, C76	350X350	4-25#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C		
3	C1, C3, C10, C14, C25, C31, C32, C33, C34, C35, C36, C37, C38, C39, C41, C42, C43, C44, C46, C47, C48, C49, C52, C53, C54, C55, C56, C57, C60, C61, C62, C73, C77, C78, C79, C81, C87, C88, C90	350X350	4-20#	350X350	4-20#	8# @ 75 C/C	8# @ 175 C/C		
4	C85, C51, C55, C67, C72, C74	350X350	4-25# + 4-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C		
5	C27, C75	350X350	8-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C		
6	C58	350X350	8-25#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C		
7	C17	450X450	4-25# + 4-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C		



FRAMING PLAN AT 2nd to 6th SLAB LVL.



LEGEND			
SR. NO.	ID	DESCRIPTION	REMARK
1		PRECAST SLAB PANELS	130 THK. SLAB i.e. 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
2		PRECAST SLAB PANELS	130 THK. SLAB i.e. 25 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
3		PRECAST SLAB PANELS	130 THK. SLAB i.e. 115 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED

*GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.

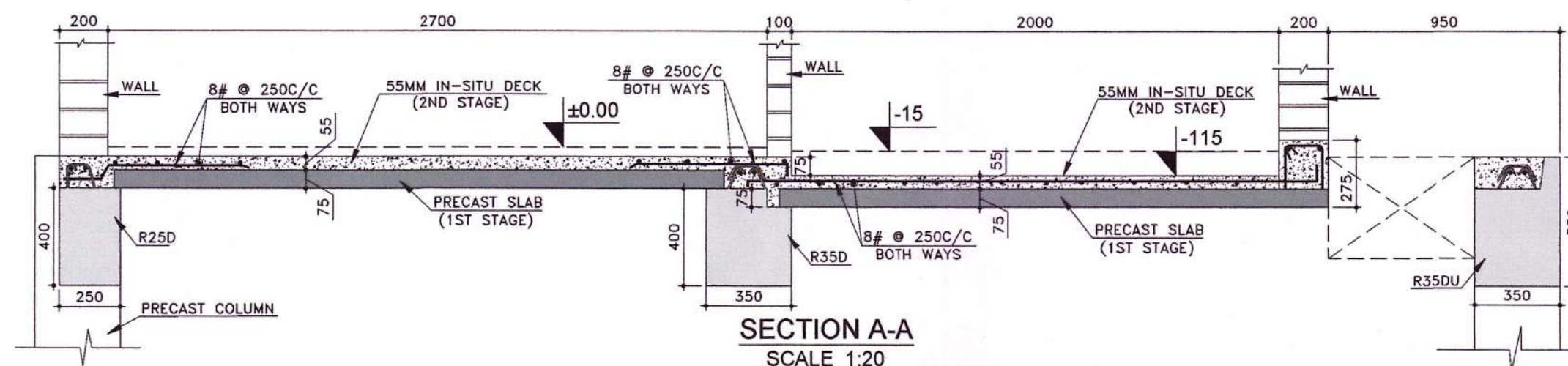
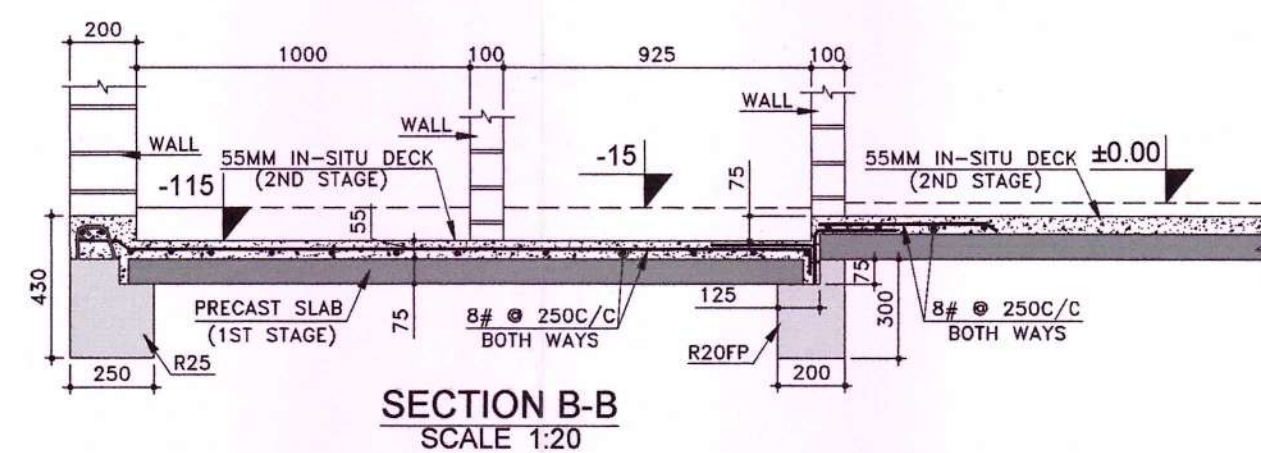
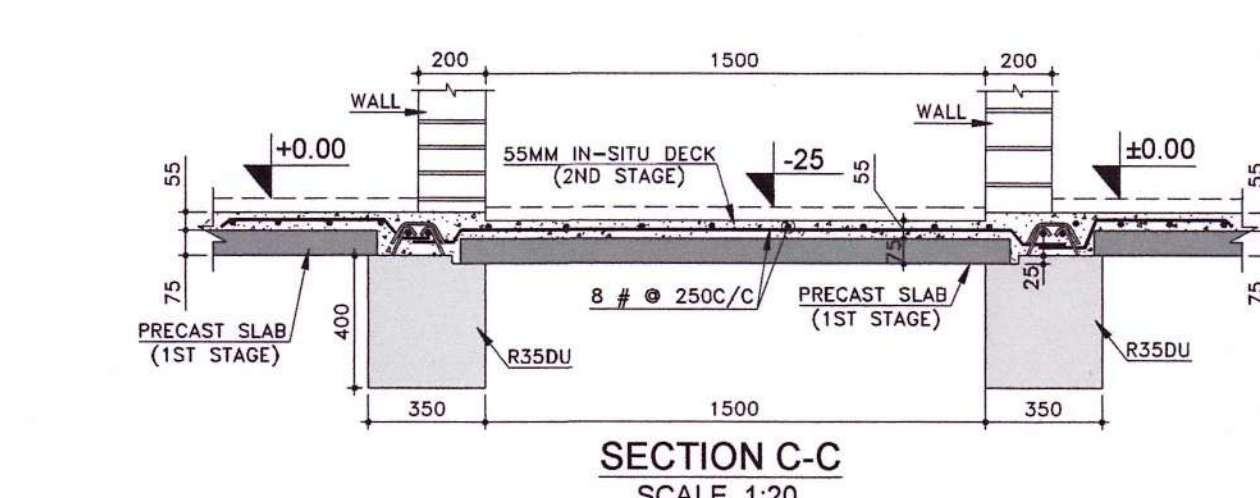
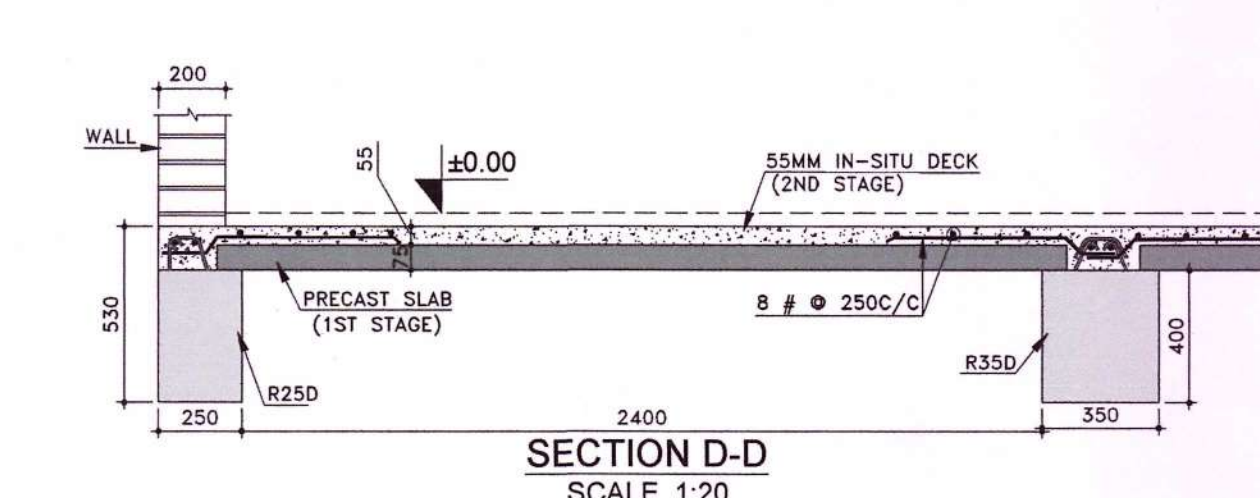
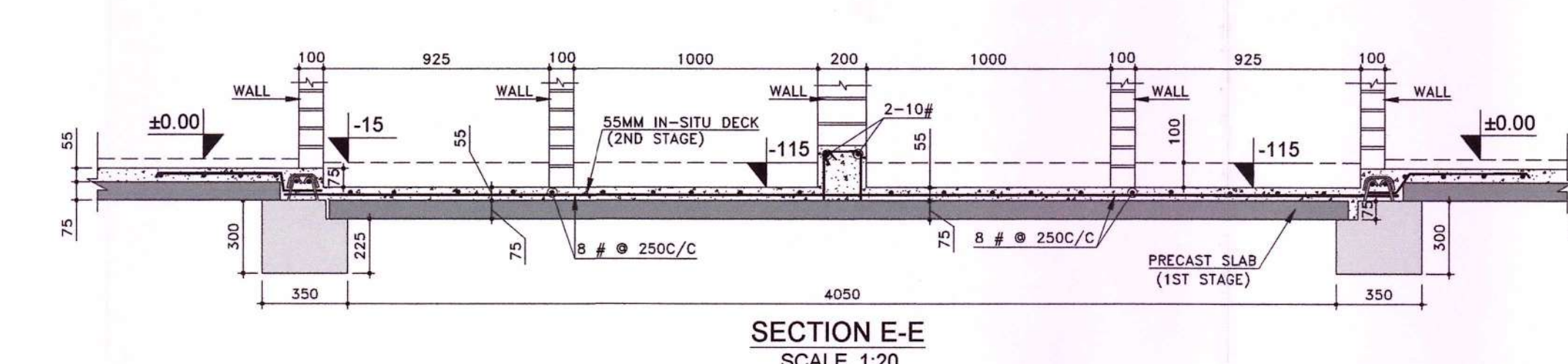
REFERENCE DRAWING

SR. NO.	DRAWING NO.	DRAWING DESCRIPTION

REVISION STATUS AND DETAILS

R1	24-04-2024	REVISED AS PER CLIENTS COMMENTS			
NO	DATE	REVISION	PROP.	DEALT.	CHKD.

SCHEDULE OF PRECAST BEAMS AT 2ND TO 6TH FLOOR SLAB LEVEL										
SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT	CURTAIN	NEAR	MIDDLE	FAR	END ZONE	MID ZONE
1	2B1	R25	250x430	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 160 C/C
2	2B2	R25	250x430	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 160 C/C
3	2B3	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 85 C/C	-
4	2B4	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 85 C/C	-
5	2B5	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 110 C/C
6	2B6	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 110 C/C
7	2B7	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
8	2B8	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
9	2B9	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
10	2B10	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
11	8	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 120 C/C	-
12	8	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 120 C/C	-
13	8	R25	250x430	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 120 C/C	-
14	2B11	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
15	2B12	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
16	2B13	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
17	2B14	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
18	2B15	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
19	2B16	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
20	2B17	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
21	2B18	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
22	2B19	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
23	2B20	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
24	2B21	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
25	2B22	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
26	2B23	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
27	2B24	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
28	2B25	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
29	2B26	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
30	2B27	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
31	2B28	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
32	2B29	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
33	2B30	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
34	2B31	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
35	2B32	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
36	2B33	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
37	2B34	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
38	2B35	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
39	2B36	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
40	2B37	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
41	2B38	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
42	2B39	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
43	2B40	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
44	2B41	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
45	2B42	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
46	2B43	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
47	2B44	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
48	2B45	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
49	2B46	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
50	2B47	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
51	2B48	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
52	2B49	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
53	2B50	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
54	2B51	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
55	2B52	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
56	2B53	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
57	2B54	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
58	2B55	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
59	2B56	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
60	2B57	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
61	2B58	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
62	2B59	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
63	2B60	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
64	2B61	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
65	2B62	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
66	2B63	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
67	2B64	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
68	2B65	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
69	2B66	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
70	2B67	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
71	2B68	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
72	2B69	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
73	2B70	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C
74	2B71	R35	350x530	2-20#	-	2-20#	2-16#	2-20#	2L-8# @ 90 C/C	2L-8# @ 120 C/C



SCHEDULE OF PRECAST RCC SLAB AT 2nd TO 6th SLAB LEVEL									
CLEAR COVER=25MM, CONC.GRADE=M40, STEEL GRADE=F600									
SR.NO	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK		MAIN STEEL	DISTRIBUTION STEEL	REMARK	
		SPAN	WDTH	PRECAST SLAB	IN SITU				
1	S1	521	2550	2755	75	55	8# @ 200 C/C	8# @ 250 C/C	
2	S2	52	2550	2075	75	55	8# @ 200 C/C	8# @ 250 C/C	
3	S3	53	2550	2730	75	55	8# @ 200 C/C	8# @ 250 C/C	
4	S4	54	2025	2250	75	55	8# @ 200 C/C	8# @ 250 C/C	
5	S5	55	2855	2850	75	55	8# @ 200 C/C	8# @ 250 C/C	
6	S6	56	2000	2250	75	55	8# @ 200 C/C	8# @ 250 C/C	
7	S7	57	1450	750	75	55	8# @ 200 C/C	8# @ 250 C/C	
8	S8	58	2705	2850	75	55	8# @ 200 C/C	8# @ 250 C/C	
9	S9	59	2100	4150	75	55	8# @ 150 C/C	8# @ 250 C/C	
10	S10	60	700	600	75	55	8# @ 150 C/C	8# @ 250 C/C	
11	S11	61	1650	3265	75	55	8# @ 150 C/C	8# @ 250 C/C	
12	S12	62	1650	3180	75	55	8# @ 150 C/C	8# @ 250 C/C	
13	S13	63	2100	3025	75	55	8# @ 150 C/C	8# @ 250 C/C	
14	S14	64	1650	3482	75	55	8# @ 150 C/C	8# @ 250 C/C	
15	S15	65	1650	3582	75	55	8# @ 150 C/C	8# @ 250 C/C	
16	S16	66	2100	2825	75	55	8# @ 150 C/C	8# @ 250 C/C	
17	S17	67	1650	3275	75	55	8# @ 150 C/C	8# @ 250 C/C	
18	S18	68	2755	2850	75	55	8# @ 200 C/C	8# @ 250 C/C	
19	S19	69	2550	2000	75	55	8# @ 200 C/C	8# @ 250 C/C	
20	S20	70	925	525	75	55	8# @ 200 C/C	8# @ 250 C/C	
21	S21	71	1050	2805	75	55	8# @ 150 C/C	8# @ 250 C/C	
22	S22	72	2730	2850	75	55	8# @ 200 C/C	8# @ 250 C/C	
23	S23	73	2550	2100	75	55	8# @ 200 C/C	8# @ 250 C/C	
24	S24	74	875	525	75	55	8# @ 150 C/C	8# @ 250 C/C	
25	S25	75	2550	2000	75	55	8# @ 200 C/C	8# @ 250 C/C	
26	STR-1	76	3175	3050	1425	125	10# @ 150 C/C	8# @ 230 C/C	STAIRCASE
27	STR-2	77	3175	3050	1425	125	10# @ 150 C/C	8# @ 230 C/C	STAIRCASE

SCHEDULE OF '3-S' COLUMN									
CLEAR COVER 50mm, CONC. GRADE M40, STEEL GRADE - Fe500.									
SR. NO.	COLUMN NO.	COLUMN SIZE	1ST FLOOR COLUMN	2ND FLOOR COLUMN	3RD TO 6TH FLOOR COLUMN	LATERAL TIES		REMARK	
			COLUMN SIZE MAIN REINF.	COLUMN SIZE MAIN REINF.		COLUMN SIZE MAIN REINF.	END ZONE		MID ZONE
1	C2, C3, C4, C6, C7, C8, C9, C10, C11, C12, C13, C82, C83, C84, C85, C86, C87, C88, C89.	350X350	4-16#	350X350	4-16#	350X350	4-16#	8# @ 75 C/C	8# @ 175 C/C
2	C18, C20, C21, C22, C23, C24, C25, C27, C30, C40, C45, C50, C59, C60, C61, C66, C68, C69, C70, C71.	350X350	4-25#	350X350	4-25#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C
3	C5, C19, C41, C32, C34, C34, C35, C36, C37, C38, C56, C57, C73, C77, C78.	350X350	4-20#	350X350	4-20#	350X350	4-20#	8# @ 75 C/C	8# @ 175 C/C
4	C36, C51, C34, C46, C65, C74.	350X350	4-25#+4-20#	350X350	4-25#+4-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C
5	C15, C75.	350X350	8-20#	350X350	8-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C
6	C17.	450X450	8-16#	350X350	4-25#+4-20#	350X350	4-25#	8# @ 85 C/C	8# @ 225 C/C
7	C81.	350X350	4-20#	350X350	4-20#	350X350	4-16#	8# @ 75 C/C	8# @ 175 C/C
8	C67, C72.	350X350	8-25#	350X350	4-25#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C
9	C1, C14, C28, C29, C46, C48, C62, C76, C80, C90.	450X450	8-16#	450X450	8-16#	450X450	8-16#	8# @ 85 C/C	8# @ 225 C/C
10	C15.	350X350	4-25#+4-20#	350X350	4-25#+4-20#	350X350	4-25#+4-20#	8# @ 75 C/C	8# @ 175 C/C

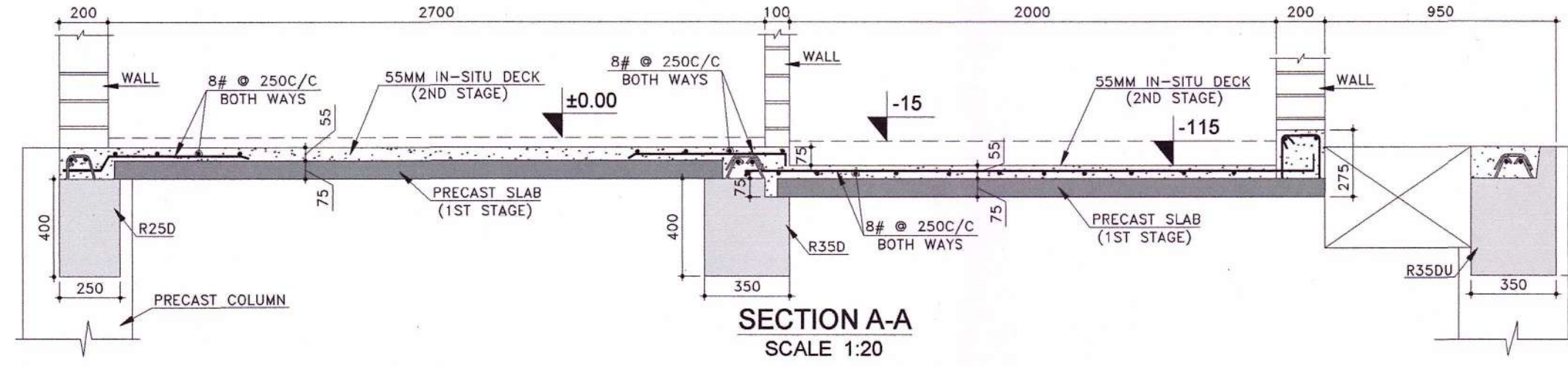
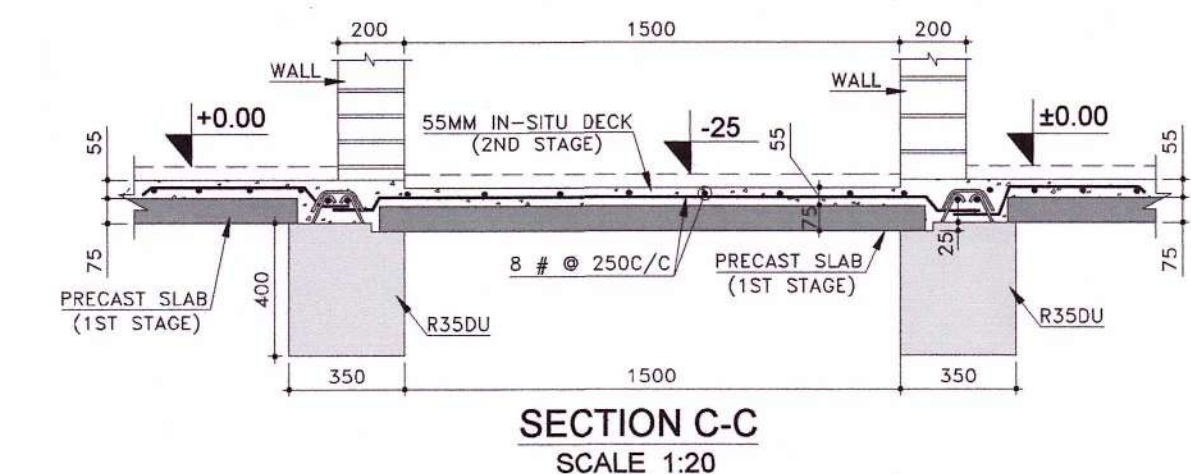
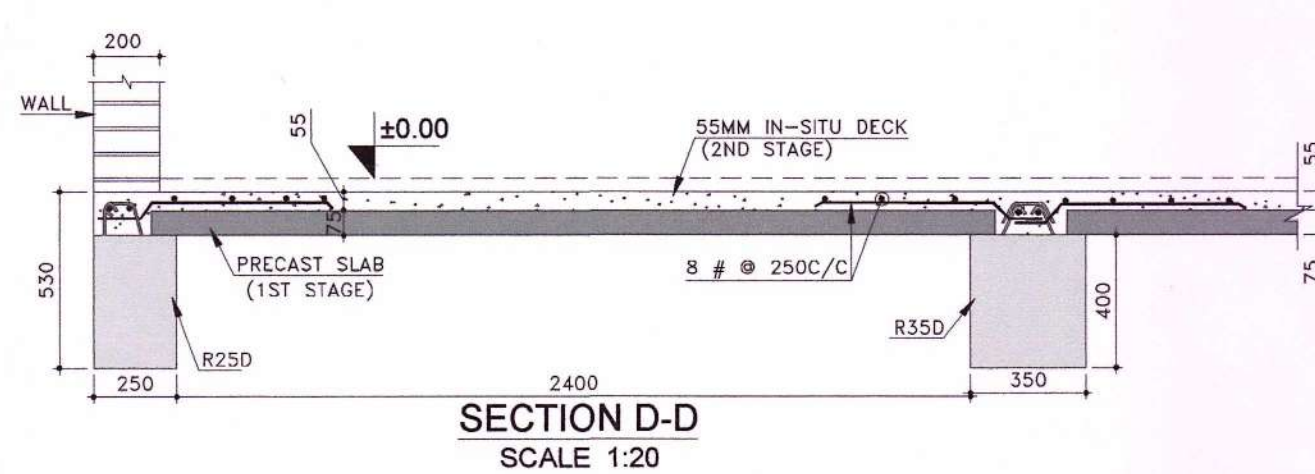
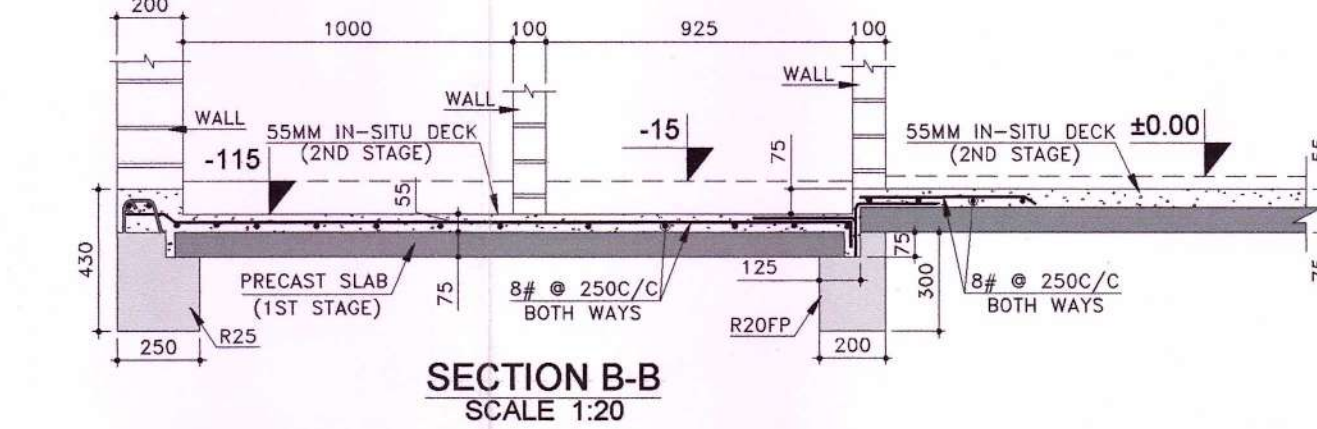
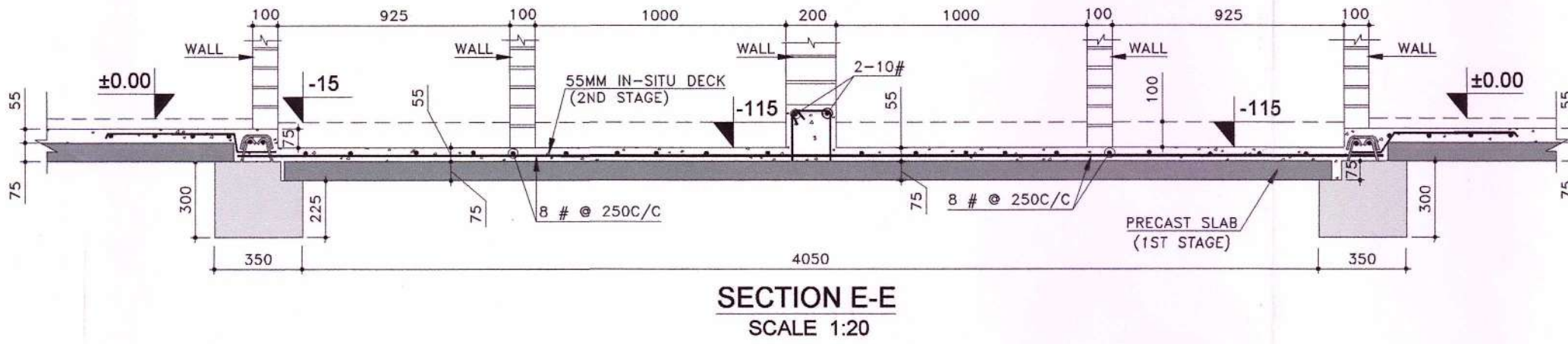
SCHEDULE OF PRECAST BEAMS AT ROOF SLAB LEVEL											
CLEAR COVER=30MM, CONC. GRADE=M40, STEEL GRADE=Fe500D											
SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT	TOP REINFORCEMENT			STIRRUPS			
				THRO.	CURTAIL	NEAR	MIDDLE	FAR	END ZONE	MID ZONE	
1	RB1	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
2	RB2	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
3	RB3	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
4	RB4	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
5	RB5	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 90C/C	2L-8# @ 180 C/C	
6	RB5A	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 90C/C	2L-8# @ 180 C/C	
7	RB6	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 100C/C	2L-8# @ 180 C/C	
8	RB7	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 100C/C	2L-8# @ 180 C/C	
9	RB7A	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 100C/C	2L-8# @ 180 C/C	
10	RB8	R25	250x450	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 120 C/C	2L-8# @ 200 C/C	
11	RB9	R25	250x450	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 120 C/C	2L-8# @ 200 C/C	
12	RB10	R25	250x450	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 120 C/C	2L-8# @ 200 C/C	
13	RB11	R35DU	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 180 C/C	
14	RB11A	R35DU	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 180 C/C	
15	RB11B	R35DU	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 180 C/C	
16	RB12	R35U	350x450	2-16#	-	4-16#	2-12#	4-16#	2L-8# @ 75 C/C	2L-8# @ 170 C/C	
17	RB13	R35	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
18	RB14	R35	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
19	RB15	R25	250x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
20	RB16	R35	350x450	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
21	RB17	R35U	350x450	2-20#	-	2-12#	2-12#	2-12#	2L-8# @ 180 C/C	2L-8# @ 200 C/C	
22	RB18	R35DU	350x550	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 180 C/C	
23	RB19	R35	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
24	RB20	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 170 C/C	
25	RB21	R35U	350x450	2-20#	-	2-12#	2-12#	2-12#	2L-8# @ 180 C/C	2L-8# @ 200 C/C	
26	RB22	R35DU	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 160 C/C	
27	RB22A	R35D	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 160 C/C	
28	RB24	R20/R25	250x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 170 C/C	
29	RB25	R35D	350x530	4-16#	-	4-16#	4-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 140 C/C	
30	RB26	R35D	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 190 C/C	
31	RB27	R35D	350x550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 190 C/C	
32	RB28	R25U	250x450	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 140 C/C	2L-8# @ 200 C/C	
33	MB29	R25DC	250x550	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 200 C/C	2L-8# @ 200 C/C	
34	MB29A	R25DC	250x550	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 200 C/C	2L-8# @ 200 C/C	
35	RB30	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
36	RB30A	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
37	RB31	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
38	RB31A	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
39	RB31B	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
40	RB32	R20FP	200x300	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 170 C/C	2L-8# @ 200 C/C	
41	RB32A	R20FP	200x300	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 170 C/C	2L-8# @ 200 C/C	
42	RB33	R25	250x450	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 250 C/C	2L-8# @ 200 C/C	
43	RB34	R35	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
44	RB35	R35	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
45	RB36	R35	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 140 C/C	
46	RB37	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
47	RB38	R25U	250x450	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 200 C/C	2L-8# @ 200 C/C	
48	RB39	R25U	250x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 110 C/C	
49	RB40	R25U	250x450	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 75 C/C	2L-8# @ 75 C/C	
50	RB41	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
51	RB41A	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
52	RB42	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 180 C/C	2L-8# @ 200 C/C	
53	RB42A	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 180 C/C	2L-8# @ 200 C/C	
54	RB43	R25	250x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
55	RB44	R25	250x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
56	RB44A	R25	250x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
57	MB45	R30	300x450	4-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C	
58	MB45A	R30	300x450	4-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C	
59	RB48	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
60	RB48A	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
61	RB49	R25U	250x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
62	RB50	R25	250x450	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 200 C/C	2L-8# @ 200 C/C	
63	RB51	R35U	350x450	2-16#	-	2-16#	2-16#	2-16#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
64	RB52	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
65	RB53A	R35DU	350x550	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C	
66	RB54	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 140 C/C	
67	RB55	R35U	350x450	2-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 140 C/C	
68	RB56	R35U	350x450	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 150 C/C	2L-8# @ 200 C/C	
69	RB57	R35U	350x450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 200 C/C	
70	RB58	R35D	350x550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 100C/C	2L-8# @ 180 C/C	
71	RB76	R25U	250x430	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 120 C/C	

SCHEDULE OF PRECAST RCC SLAB AT ROOF SLAB LEVEL									
CLEAR COVER=25MM, CONC.GRADE=M40, STEEL GRADE=Fe500D									
SR.NO	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK		MAIN STEEL	DISTRIBUTION STEEL	REMARK	
		SPAN	WIDTH	PRECAST SLAB	IN SITU				
1	RS1	2550	2415	75	75	8# @ 200 C/C	8# @ 250 C/C		
2	RS2	2550	2403	75	75	8# @ 200 C/C	8# @ 250 C/C		
3	RS4	2025	2250	75	75	8# @ 200 C/C	8# @ 250 C/C		
4	RS5	2855	2850	75	75	8# @ 175 C/C	8# @ 250 C/C		
5	RS6	2000	2250	75	75	8# @ 200 C/C	8# @ 250 C/C		
6	RS7	1450	750	75	75	8# @ 200 C/C	8# @ 250 C/C		
7	RS8	2705	3100	75	75	8# @ 200 C/C	8# @ 250 C/C		
8	RS9	2100	4100	75	75	8# @ 150 C/C	8# @ 250 C/C		
9	RS10	700	600	75	75	8# @ 200 C/C	8# @ 250 C/C		
10	RS11	1650	3275	75	75	8# @ 150 C/C	8# @ 250 C/C		
11	RS11A	1650	3180	75	75	8# @ 150 C/C	8# @ 250 C/C		
12	RS12	2100	3075	75	75	8# @ 200 C/C	8# @ 250 C/C		
13	RS13	1650	3305	75	75	8# @ 150 C/C	8# @ 250 C/C		
14	RS14	1650	3620	75	75	8# @ 150 C/C	8# @ 250 C/C		
15	RS15	2100	2875	75	75	8# @ 200 C/C	8# @ 250 C/C		
16	RS18	2780	2850	75	75	8# @ 175 C/C	8# @ 250 C/C		
17	RS19	2550	2378	75	75	8# @ 200 C/C	8# @ 250 C/C		
18	RS20	925	525	75	75	8# @ 200 C/C	8# @ 250 C/C		
19	S21	1050	2805	75	75	8# @ 150 C/C	8# @ 250 C/C		
20	RS22	2730	2850	75	75	8# @ 200 C/C	8# @ 250 C/C		
21	RS24	875	525	75	75	8# @ 200 C/C	8# @ 250 C/C		
22	RS25	2550	2365	75	75	8# @ 200 C/C	8# @ 250 C/C		
23	RS26/RS36A	1075	2025	75	75	8# @ 200 C/C	8# @ 250 C/C		
24	RS27/RS27A	875	2380	75	75	8# @ 200 C/C	8# @ 250 C/C		
25	STR-1	3050	1425	125	55	10# @ 150 C/C	8# @ 250 C/C		
26	STR-2	3050	1425	125	55	10# @ 150 C/C	8# @ 250 C/C		

SCHEDULE OF PILE & PILE CAP										
SR. NO.	COLUMN NOS.	BORED CAST IN-SITU PILE		CAST IN-SITU PILE CAP		MAIN BARS		RINGS		PILE CAP TOP LEVEL
		DIA OF PILE	MAIN REINF.	PILE CAP ID	PILE SIZE	TOP	BOTTOM	VERTICAL	HORIZONTAL	
1	C14, C28, C76, C90	2-500 Ø	6-16#	PC1	3550	800	750	8-16#	5-16#	-750
2	C24, C36, C48, C60, C72, C84, C96, C108, C120, C132, C144, C156, C168, C180, C192, C204, C216, C228, C240, C252, C264, C276, C288, C300, C312, C324, C336, C348, C360, C372, C384, C396, C408, C420, C432, C444, C456, C468, C480, C492, C504, C516, C528, C540, C552, C564, C576, C588, C600, C612, C624, C636, C648, C660, C672, C684, C696, C708, C720, C732, C744, C756, C768, C780, C792, C804, C816, C828, C840, C852, C864, C876, C888, C900, C912, C924, C936, C948, C960, C972, C984, C996, C1008, C1020, C1032, C1044, C1056, C1068, C1080, C1092, C1104, C1116, C1128, C1140, C1152, C1164, C1176, C1188, C1200, C1212, C1224, C1236, C1248, C1260, C1272, C1284, C1296, C1308, C1320, C1332, C1344, C1356, C1368, C1380, C1392, C1404, C1416, C1428, C1440, C1452, C1464, C1476, C1488, C1500, C1512, C1524, C1536, C1548, C1560, C1572, C1584, C1596, C1608, C1620, C1632, C1644, C1656, C1668, C1680, C1692, C1704, C1716, C1728, C1740, C1752, C1764, C1776, C1788, C1800, C1812, C1824, C1836, C1848, C1860, C1872, C1884, C1896, C1908, C1920, C1932, C1944, C1956, C1968, C1980, C1992, C2004, C2016, C2028, C2040, C2052, C2064, C2076, C2088, C2100, C2112, C2124, C2136, C2148, C2160, C2172, C2184, C2196, C2208, C2220, C2232, C2244, C2256, C2268, C2280, C2292, C2304, C2316, C2328, C2340, C2352, C2364, C2376, C2388, C2400, C2412, C2424, C2436, C2448, C2460, C2472, C2484, C2496, C2508, C2520, C2532, C2544, C2556, C2568, C2580, C2592, C2604, C2616, C2628, C2640, C2652, C2664, C2676, C2688, C2700, C2712, C2724, C2736, C2748, C2760, C2772, C2784, C2796, C2808, C2820, C2832, C2844, C2856, C2868, C2880, C2892, C2904, C2916, C2928, C2940, C2952, C2964, C2976, C2988, C3000, C3012, C3024, C3036, C3048, C3060, C3072, C3084, C3096, C3108, C3120, C3132, C3144, C3156, C3168, C3180, C3192, C3204, C3216, C3228, C3240, C3252, C3264, C3276, C3288, C3300, C3312, C3324, C3336, C3348, C3360, C3372, C3384, C3396, C3408, C3420, C3432, C3444, C3456, C3468, C3480, C3492, C3504, C3516, C3528, C3540, C3552, C3564, C3576, C3588, 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SCHEDULE OF PRECAST BEAMS AT 1ST SLAB LEVEL CLEAR COVER = 30MM, CONC. GRADE = M40, STEEL GRADE = Fe500D

SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT	TOP REINFORCEMENT	STIRRUPS
				THRO. CURTAIN	NEAR MIDDLE FAR	END ZONE MID ZONE
1	B1	R25	250x430	2-20#	2-20#	2-16#
2	B2	R25	250x430	2-20#	2-20#	2-16#
3	B3	R25FP	250x415	2-16#	2-16#	2-16#
4	B4	R25FP	250x415	2-16#	2-16#	2-16#
5	B5	R35D	350x530	2-20#	2-20#	2-16#
6	B5A	R35D	350x530	2-20#	2-20#	2-16#
7	B6	R35D	350x530	2-20#	2-20#	2-16#
8	B7	R35D	350x530	2-20#	2-20#	2-16#
9	B7A	R35D	350x530	2-20#	2-20#	2-16#
10	B7B	R35D	350x530	2-20#	2-20#	2-16#
11	B8	R25	250x430	2-16#	2-16#	2-16#
12	B9	R25	250x430	2-16#	2-16#	2-16#
13	B10	R25	250x430	2-16#	2-16#	2-16#
14	B11	R35DU	350x530	2-20#	2-20#	2-16#
15	B11A	R35DU	350x530	2-20#	2-20#	2-16#
16	B11B	R35DU	350x530	2-20#	2-20#	2-16#
17	B12	R35U	350x530	2-20#	2-20#	2-16#
18	B13	R35	350x430	2-16#	2-16#	2-16#
19	B14	R35	350x430	2-16#	2-16#	2-16#
20	B15	R25	250x430	2-16#	2-16#	2-16#
21	B16	R35	350x430	2-16#	2-16#	2-16#
22	B17	R35U	350x430	2-16#	2-16#	2-16#
23	B18	R35D	350x530	2-20#	2-20#	2-16#
24	B19	R35	350x430	2-16#	2-16#	2-16#
25	B20	R35U	350x430	2-16#	2-16#	2-16#
26	B21	R35U	350x430	2-16#	2-16#	2-16#
27	B22	R35DU	350x530	2-20#	2-20#	2-16#
28	B23A	R35D	350x530	2-20#	2-20#	2-16#
29	B24	R20/R25	250x430	2-20#	2-16#	2-16#
30	B25	R35D	350x530	2-20#	2-20#	2-16#
31	B26	R35D	350x530	2-20#	2-20#	2-16#
32	B27	R35D	350x530	2-20#	2-20#	2-16#
33	B28	R25U	250x430	2-16#	2-16#	2-16#
34	MB29	R25	250x430	2-16#	2-16#	2-16#
35	MB29A	R25	250x430	2-16#	2-16#	2-16#
36	B30	R25	250x430	2-20#	2-16#	2-16#
37	B30A	R25	250x430	2-20#	2-16#	2-16#
38	B31	R25U	250x430	2-20#	2-16#	2-16#
39	B31A	R25U	250x430	2-20#	2-16#	2-16#
40	B31B	R25U	250x430	2-20#	2-16#	2-16#
41	B32	R20FP	200x300	2-12#	2-12#	2-12#
42	B32A	R20FP	200x300	2-12#	2-12#	2-12#
43	B33	R25	250x430	2-12#	2-12#	2-12#
44	B34	R35	350x430	2-20#	2-16#	2-16#
45	B34A	R35	350x430	2-20#	2-16#	2-16#
46	B35	R35	350x430	2-20#	2-16#	2-16#
47	B35A	R35	350x430	2-20#	2-16#	2-16#
48	B36	R35U	350x430	2-20#	2-16#	2-16#
49	B37	R35U	350x430	2-20#	2-16#	2-16#
50	B38	R25U	250x430	2-16#	2-12#	2-12#
51	B39	R25U	250x430	2-16#	2-12#	2-12#
52	B40	R25U	250x430	2-16#	2-12#	2-12#
53	B41	R35U	350x430	2-20#	2-16#	2-16#
54	B41A	R35	350x430	2-20#	2-16#	2-16#
55	B42	R35U	350x430	2-16#	2-16#	2-16#
56	B42A	R35U	350x430	2-16#	2-16#	2-16#
57	B43	R25	250x430	2-20#	2-16#	2-16#
58	B44	R25	250x430	2-20#	2-16#	2-16#
59	B44A	R25	250x430	2-20#	2-16#	2-16#
60	MB45	R30	300x430	2-20#	2-16#	2-16#
61	MB45A	R30	300x430	2-20#	2-16#	2-16#
62	B46	R35U	350x430	2-20#	2-16#	2-16#
63	B46A	R35U	350x430	2-20#	2-16#	2-16#
64	B49	R25U	250x430	2-20#	2-16#	2-16#
65	B50	R25U	250x430	2-16#	2-12#	2-12#
66	B51	R35	350x430	2-20#	2-16#	2-16#
67	B52	R25	250x430	2-20#	2-16#	2-16#
68	B53A	R35U	350x430	2-20#	2-16#	2-16#
69	B54	R35U	350x430	2-20#	2-16#	2-16#
70	B55	R35U	350x430	2-20#	2-16#	2-16#
71	B56	R35	350x430	2-16#	2-16#	2-16#
72	B57	R25	250x430	2-20#	2-16#	2-16#
73	B58	R35D	350x530	2-20#	2-20#	2-16#
74	B76	R25U	250x430	2-20#	2-16#	2-16#



SCHEDULE OF PRECAST RCC SLAB AT 1ST SLAB LEVEL CLEAR COVER = 25MM, CONC. GRADE = M40, STEEL GRADE = Fe500D

SR. NO.	SLAB ID	SPAN	WIDTH	COMPOSITE SLAB DECK	MAIN STEEL	DISTRIBUTION STEEL	REMARK
				PRECAST SLAB	IN SITU		
1	S1	2550	2735	75	55	8# @ 200 C/C	8# @ 250 C/C
2	S2	2550	2075	75	55	8# @ 200 C/C	8# @ 250 C/C
3	S3	2550	2735	75	55	8# @ 200 C/C	8# @ 250 C/C
4	S4	2025	2250	75	55	8# @ 200 C/C	8# @ 250 C/C
5	S5	2855	2850	75	55	8# @ 200 C/C	8# @ 250 C/C
6	S6	2000	2250	75	55	8# @ 200 C/C	8# @ 250 C/C
7	S7	1450	2750	75	55	8# @ 200 C/C	8# @ 250 C/C
8	S8	2705	2850	75	55	8# @ 200 C/C	8# @ 250 C/C
9	S9	2100	4150	75	55	8# @ 150 C/C	8# @ 250 C/C
10	S10	700	600	75	55	8# @ 150 C/C	8# @ 250 C/C
11	S11	1650	3275	75	55	8# @ 150 C/C	8# @ 250 C/C
12	S11A	1650	3180	75	55	8# @ 150 C/C	8# @ 250 C/C
13	S12	2100	3025	75	55	8# @ 150 C/C	8# @ 250 C/C
14	S13	1650	3482	75	55	8# @ 150 C/C	8# @ 250 C/C
15	S14	1650	3582	75	55	8# @ 150 C/C	8# @ 250 C/C
16	S15	2100	2825	75	55	8# @ 150 C/C	8# @ 250 C/C
17	S16	1650	3275	75	55	8# @ 150 C/C	8# @ 250 C/C
18	S18	2735	2850	75	55	8# @ 200 C/C	8# @ 250 C/C
19	S19	2550	2000	75	55	8# @ 200 C/C	8# @ 250 C/C
20	S20	925	525	75	55	8# @ 200 C/C	8# @ 250 C/C
21	S21	1050	2805	75	55	8# @ 150 C/C	8# @ 250 C/C
22	S22	2730	2850	75	55	8# @ 200 C/C	8# @ 250 C/C
23	S23	2550	2100	75	55	8# @ 200 C/C	8# @ 250 C/C
24	S24	875	525	75	55	8# @ 150 C/C	8# @ 250 C/C
25	S25	2550	2000	75	55	8# @ 200 C/C	8# @ 250 C/C
26	S26/26A	1075	2025	75	55	8# @ 200 C/C	8# @ 250 C/C
27	S27/S27A	875	2390	75	55	8# @ 200 C/C	8# @ 250 C/C
28	STR-1	3050	1425	125	55	10# @ 150 C/C	8# @ 230 C/C
29	STR-2	3050	1425	125	55	10# @ 150 C/C	8# @ 230 C/C

SCHEDULE OF '3-S' COLUMN CLEAR COVER 50mm, CONC. GRADE M40, STEEL GRADE - Fe500D.

CLEAR COVER 50MM CONC. GRADE M40, 3 STEEL GRADE - F550SD.						
SR. NO	COLUMN. NO.	STILT FLOOR COLUMN		LATERAL TIES		REMARK
		COLUMN SIZE	MAIN REINF.	END ZONE	MID ZONE	
1	C2, C3, C4, C5, C7, C8, C9, C10, C11, C12, C13, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C30, C31, C32, C33, C35, C36, C37, C38, C40, C43, C44, C45, C46, C48, C52, C53, C54, C55, C56, C57, C61, C62, C68, C69, C70, C71, C75, C76, C82, C83, C84, C85, C86, C87, C88, C89.	450X450	8-16#	8# @ 85 C/C	8# @ 225 C/C	
	C5, C14, C17, C34, C41, C42, C64, C80, C81, C90.	450X450	4-20#-4 16#	8# @ 75 C/C	8# @ 225 C/C	
	C1, C15	450X450	8-20#	8# @ 75 C/C	8# @ 225 C/C	
	C49, C50, C58, C59, C60, C66, C73, C77, C78.	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C	
	C51, C65, C67, C72, C74.	350X350	4-25#-4 20#	8# @ 75 C/C	8# @ 175 C/C	

SR. NO.	ID	DESCRIPTION	REMARK
1		PRECAST SLAB PANELS	130 THK. SLAB i.e. 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
2		PRECAST SLAB PANELS	130 THK. SLAB i.e. 25 MM SLAB & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
3		PRECAST SLAB PANELS	130 THK. SLAB i.e. 115 MM SLAB & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED

*** GENERAL NOTES:**

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2. ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.

REFERENCE DRAWING

SR. NO.	DRAWING NO.	DRAWING DESCRIPTION
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REVISION STATUS AND DETAILS

NO.	DATE	REVISION	PROP.	DEALT.	CHKD.	APPD.
1	24.04.2024	REVISED AS PER CLIENT COMMENTS				

RELEASED

ON DATED

SIGNATURE

DATE

01.01.24

17.01.24

19.01.24

CLIENT:

SHIRKE

TECH. PVT. LTD. MUMBAI PUNE-58.

IT IS FORBIDDEN TO USE, REPRODUCE, MODIFY OR IN ANY MANNER REVEAL ITS CONTENTS EXCEPT FOR THE PURPOSES FOR WHICH IT WAS INTENDED.

BLDG TYPE:- PHASE-1, BLOCK-3 (S+6) 19 TENEMENTS / FLOOR

B. G. SHIRKE CONST. TECH. PVT. LTD.

72-76, MUNDHWA, PUNE - 411 036

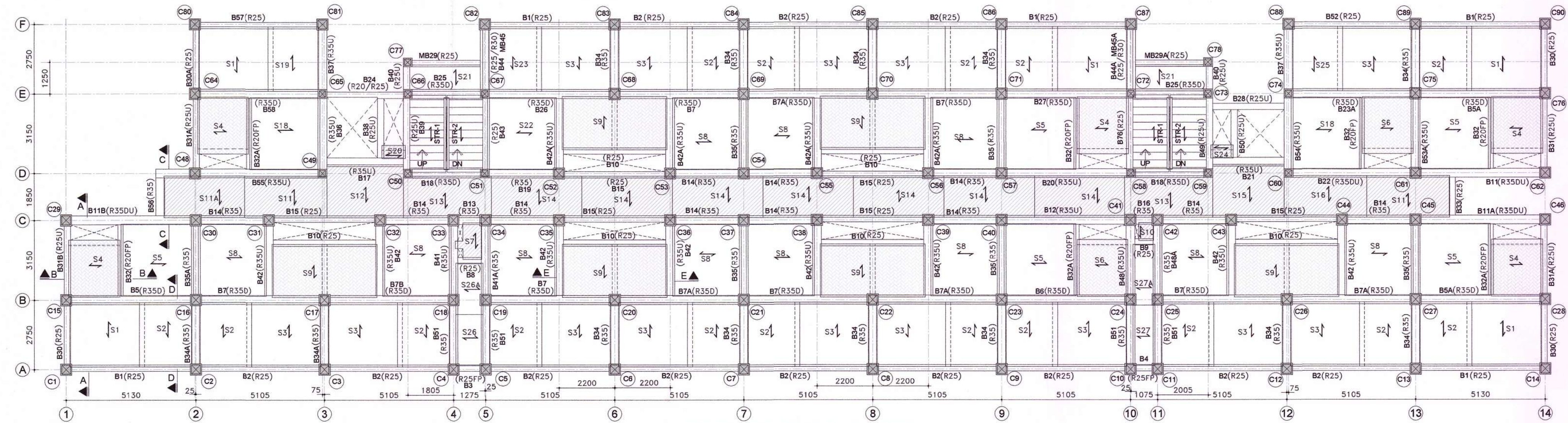
TEL: 020-28708100 | FAX: 020-28871612 | E-MAIL: design@shirke.co.in

PROPOSED BUILDING PLAN FOR RECONSTRUCTION OF RESIDENTIAL DWELLING (S+6) FLOORS TOTAL TENEMENTS 426 NOS AT APPAVOO NAGAR & SUBBU PILLAI THOTTAM PHASE 4, S.NO. 33, T.S.NO. 3/1 PART, BLOCK NO.29 (BLOCK-01,02,03 & 04) OF MAMBALAM VILLAGE.

FRAMING PLAN AT 1st SLAB LEVEL WITH BEAM, SLAB & COLUMN SCHEDULE.

06-23/APP/BLK-3/SD/STR-02

REV. NO. R-1



FRAMING PLAN AT 1st SLAB LVL.

Dr. K.P. JAYA
Professor
Division of Structural Engineering
Department of Civil Engineering
Anna University, Chennai - 600 025.

SCHEDULE OF '3-S' COLUMN						
CONC. GRADE M40, STEEL GRADE - Fe500D						
SR. NO.	COLUMN NO.	6TH FLOOR COLUMN		LATERAL TIES		REMARKS
		COLUMN SIZE	MAIN REINF.	END ZONE	MID ZONE	
1	C2, C3, C4, C7, C8, C53, C54, C55, C56, C57, C1, C5, C6, C9, C14, C15, C19, C20, C21, C22, C24, C25, C26, C27, C28, C29, C32, C33, C37, C38, C39, C40, C52, C58	350X350	4-16#	8# @ 75 C/C	8# @ 175 C/C	
2	C10, C11, C12, C13, C16, C17, C18, C23, C30, C31, C34, C35, C36, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C	

SCHEDULE OF PRECAST RCC SLAB AT ROOF SLAB LEVEL						
CLEAR COVER=25MM, CONC. GRADE=M40, STEEL GRADE=Fe500D						
SR.NO	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK	MAIN STEEL	DISTRIBUTION STEEL
		SPAN	WIDTH			
1	RS1	2550	2415	75	8# @ 200C/C	8# @ 250 C/C
2	RS2	2550	2400	75	8# @ 200C/C	8# @ 250 C/C
3	RS4	2025	2250	75	8# @ 200C/C	8# @ 250 C/C
4	RS5	2855	2850	75	8# @ 170C/C	8# @ 250 C/C
5	RS6	2000	2250	75	8# @ 200C/C	8# @ 250 C/C
6	RS7	1450	750	75	8# @ 200C/C	8# @ 250 C/C
7	RS8	2705	2850	75	8# @ 200C/C	8# @ 250 C/C
8	RS9	2100	4150	75	8# @ 150C/C	8# @ 250 C/C
9	RS19	2550	2365	75	8# @ 200C/C	8# @ 250 C/C
10	RS20	925	525	75	8# @ 200C/C	8# @ 250 C/C
11	S21	1050	2805	75	55# @ 150C/C	8# @ 250 C/C
12	RS22	2730	2850	75	8# @ 200C/C	8# @ 250 C/C
13	RS26	1075	2050	75	8# @ 200C/C	8# @ 250 C/C
14	RS26A	1075	2050	75	8# @ 200C/C	8# @ 250 C/C
15	RS31	2880	2850	75	8# @ 170C/C	8# @ 250 C/C
16	RS51	2630	2850	75	8# @ 200C/C	8# @ 250 C/C
17	RS55	1650	3130	75	8# @ 150 C/C	8# @ 250 C/C
18	RS56	1650	3405	75	8# @ 150 C/C	8# @ 250 C/C
19	RS57	2100	3050	75	8# @ 150 C/C	8# @ 250 C/C
20	RS58	1650	3355	75	8# @ 150 C/C	8# @ 250 C/C
21	RS59	1650	2845	75	8# @ 150 C/C	8# @ 250 C/C
22	STR-1	3050	1425	125	10# @ 150C/C	8# @ 230 C/C
23	STR-2	3050	1425	125	10# @ 150C/C	8# @ 230 C/C

SCHEDULE OF PRECAST BEAMS AT ROOF SLAB LEVEL											
CLEAR COVER=30MM, CONC. GRADE=M40, STEEL GRADE=Fe500D											
SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			STIRRUPS		
				THRO.	CURTAIL	NEAR	MIDDLE	FAR	END ZONE	MID ZONE	
1	RB1	R35DU	350X550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
2	RB2	R35DU	350X550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
3	RB3	R25FP	250X415	2-16#	-	2-16#	2-16#	2-16#	2L - 10# @ 100 C/C		
4	RB5	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 90C/C	2L - 8# @ 180 C/C	
5	RB5A	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 90C/C	2L - 8# @ 180 C/C	
6	RB6	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 90C/C	2L - 8# @ 180 C/C	
7	RB7	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 100C/C	2L - 8# @ 180 C/C	
8	RB7A	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 100C/C	2L - 8# @ 180 C/C	
9	RB9	R25	250X450	2-12#	-	2-12#	2-12#	2-12#	2L - 8# @ 190 C/C		
10	RB10	R25	250X450	2-16#	2-12#	2-12#	2-12#	2-12#	2L - 8# @ 190 C/C		
11	RB13	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 75 C/C	
12	RB14	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
13	RB15	R25	250X450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
14	RB18	R35D	350X550	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
15	RB19	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
16	RB25	R35D	350X530	4-16#	-	4-16#	2-16#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 140 C/C	
17	RB26	R35D	350X550	2-16#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 190 C/C	
18	MB29	R25DC	250X330	2-12#	-	2-12#	2-12#	2-12#	2L - 8# @ 200 C/C		
19	RB30	R35U	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
20	RB31	R35U	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
21	RB31A	R35U	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
22	RB32	R20FP	200X300	2-16#	-	2-12#	2-12#	2-12#	2L - 8# @ 160 C/C		
23	RB32A	R20FP	200X300	2-16#	-	2-12#	2-12#	2-12#	2L - 8# @ 160 C/C		
24	RB33	R25U	250X450	2-12#	2-10#	2-12#	2-12#	2-12#	2L - 8# @ 250 C/C		
25	RB34	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
26	RB35	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
27	RB36	R35	350X450	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 140 C/C	
28	RB37	R35U	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
29	RB38	R25	250X450	2-16#	-	2-12#	2-12#	2-12#	2L - 8# @ 200 C/C		
30	RB39	R25U	250X450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 110 C/C	
31	RB40	R25U	250X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 75 C/C	
32	RB41	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
33	RB41A	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
34	RB42	R35U	350X450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C		
35	RB42A	R35U	350X450	2-16#	-	2-16#	2-12#	2-16#	2L - 8# @ 120 C/C		
36	RB43	R25	250X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
37	RB44	R25	250X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
38	MB45	R30	300X430	4-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 100 C/C	
39	RB51	R35	350X450	2-16#	-	2-16#	2-16#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
40	RB52	R35DU	350X550	2-16#	-	2-16#+2-12#	2-12#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
41	RB53A	R35U	350X450	2-20#	-	4-16#	2-12#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 200 C/C	
42	RB64A	R35DU	350X550	2-16#	-	4-16#	2-16#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 170 C/C	
43	RB83	R35DU	350X550	2-20#	-	4-16#	2-16#	4-16#	2L - 8# @ 100 C/C	2L - 8# @ 160 C/C	
44	RB83A	R35DU	350X550	2-20#	-	4-16#	2-16#	4-16#	2L - 8# @ 100 C/C	2L - 8# @ 160 C/C	
45	RB90	R25U	250X450	2-20#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L - 8# @ 75 C/C	2L - 8# @ 190 C/C	
46	RB91	R25U	250X450	2-20#	-	2-16#	2-12#	2-16#	2L - 8# @ 75 C/C	2L - 8# @ 190 C/C	
47	RB101	R35DU	350X550	2-20#	-	4-16#	2-12#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 160 C/C	
48	RB102	R35	350X450	2-20#	-	4-16#	2-16#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 100 C/C	
49	RB103	R35U	350X450	2-16#	2-12#	2-12#	2-12#	2-12#	2L - 8# @ 175 C/C		
50	RB104	R25/R35	250/350X450	2-16#	2-12#	4-16#	2-16#	4-16#	2L - 8# @ 75 C/C	2L - 8# @ 125 C/C	

* GENERAL NOTES:
1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
2 ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.

REFERENCE DRAWING

SR.NO.	DRAWING NO	DRAWING DESCRIPTION
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REVISION STATUS AND DETAILS

NO.	DATE	REVISION	PROF.	DEALT.	CHKD.	APPD.
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RELEASED ON DATED

[Signature]
[Stamp]
Professor
Division of Structural Engineering
Department of Civil Engineering
University, Chennai - 600 025.

SIGNATURE		DATE		CLIENT
DRAWN BY	<i>[Signature]</i>	06.01.2024		
DESIGNED & CHECKED BY	<i>[Signature]</i>	20.01.2024		
RECHECKED BY	<i>[Signature]</i>	20.01.2024		
APPROVED BY	<i>[Signature]</i>			

BLDG TYPE:- PHASE-1, BLOCK-4 (S+6) 12 TENEMENTS / FLOOR

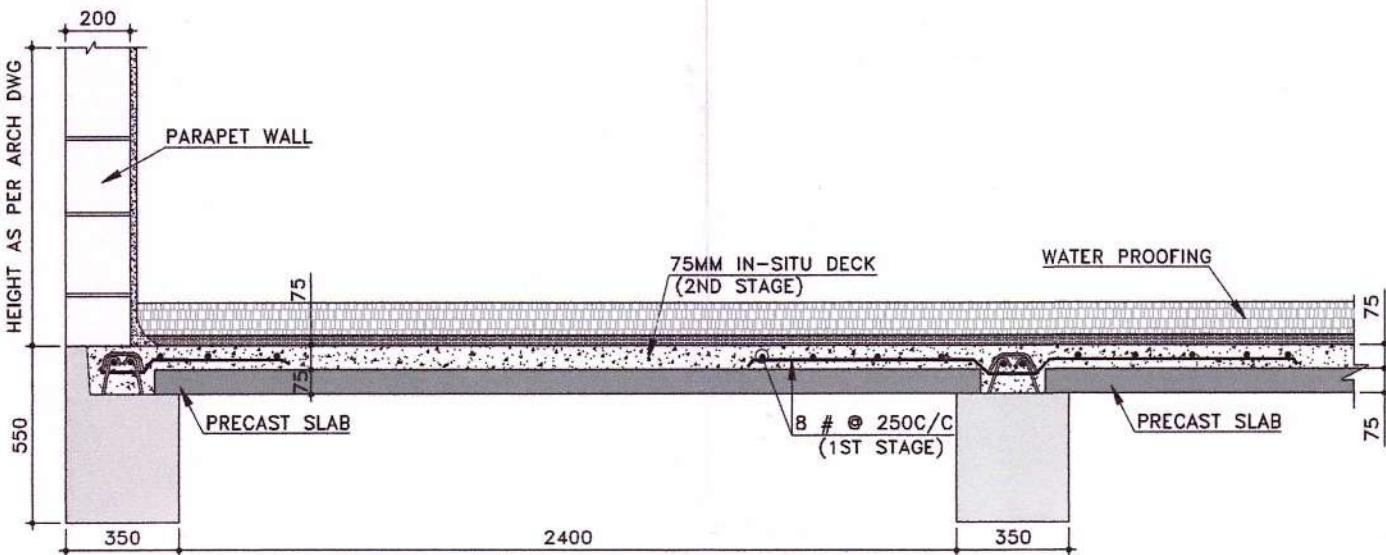
B. G. SHIRKE CONST. TECH. PVT. LTD.
72-76, MUNDHWA, PUNE - 411 036

TEL: 020-26708100 | FAX: 020-26871612 | E-MAIL: design@shirke.co.in

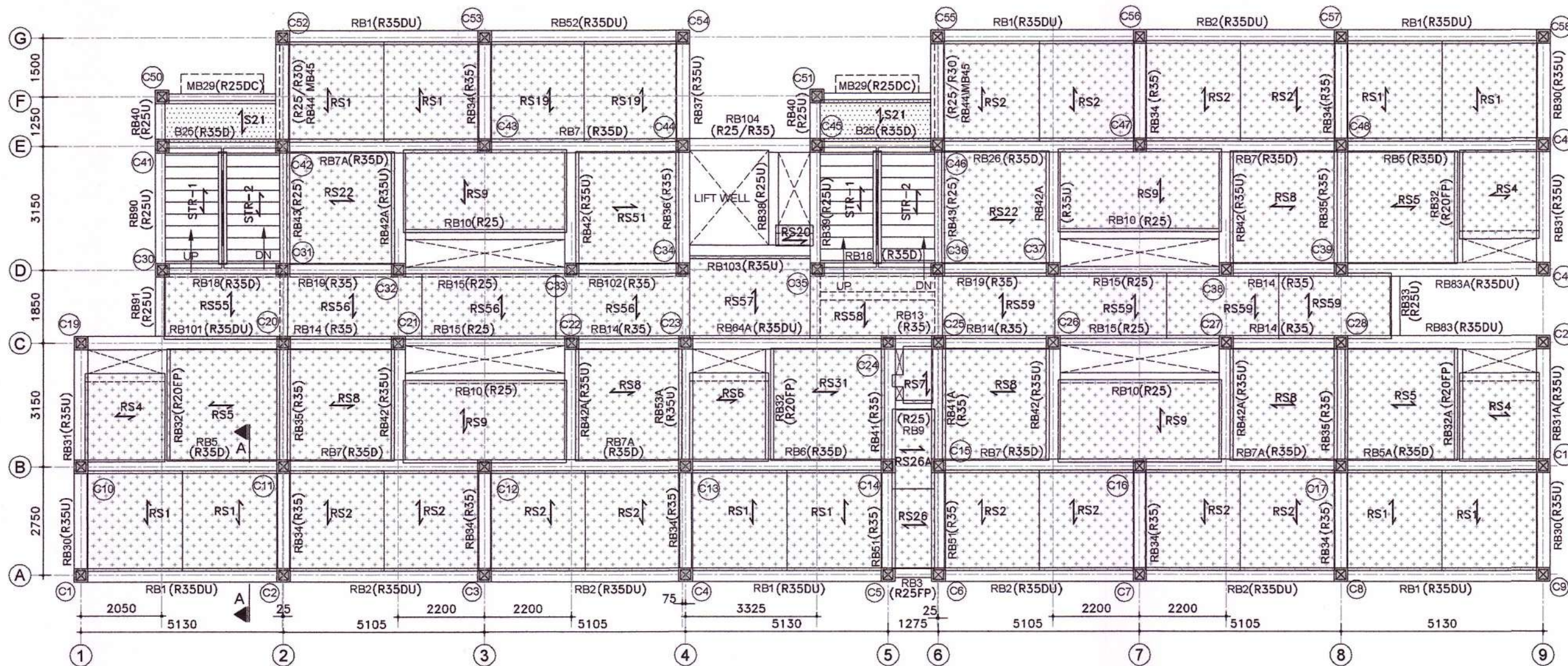
SCALE: AS SHOWN
PROJECT: PROPOSED BUILDING PLAN FOR RECONSTRUCTION OF RESIDENTIAL DWELLING (S+6) FLOORS TOTAL TENEMENTS 426 NOS AT APPAVOO NAGAR & SUBBU PILLAI THOTTAM PHASE -1,3/3, T.S.NO. 3/1 PART, BLOCK NO.29 AT CHENNAI OF MAMBALAM VILLAGE.

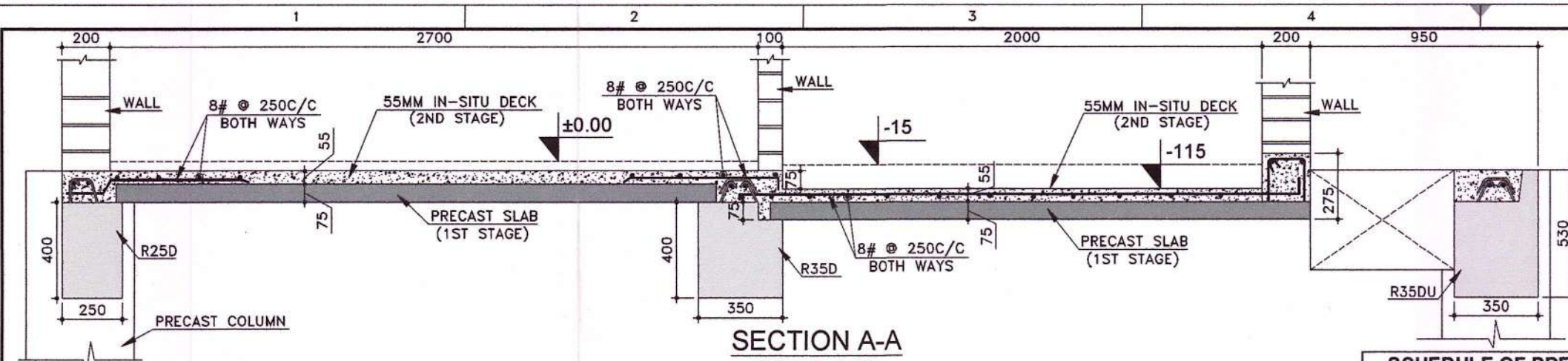
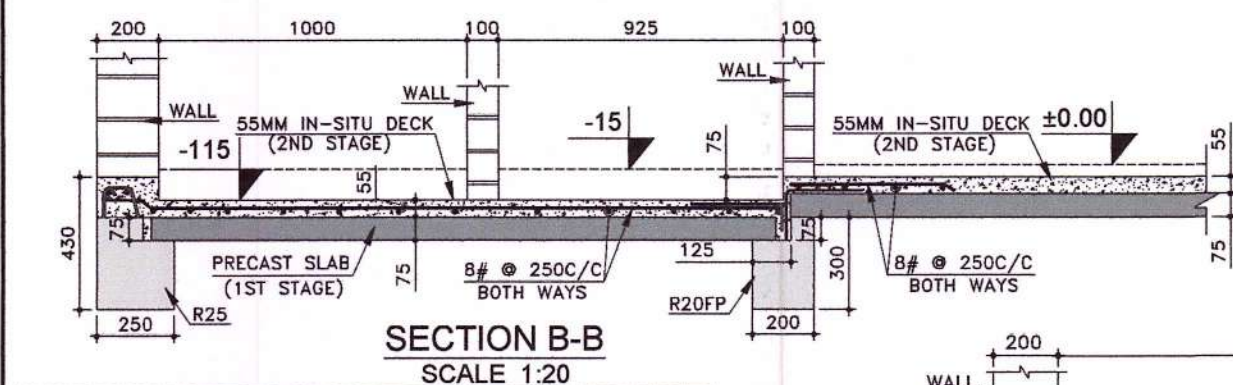
JOB NO.: 06-2023
DRG. TITLE: FRAMING PLAN AT ROOF SLAB LEVEL WITH BEAM, SLAB & COLUMN SCHEDULE.

DRG. NO. 06-23/APP/BLK-4/SD/STR-04
REV. NO. R-1



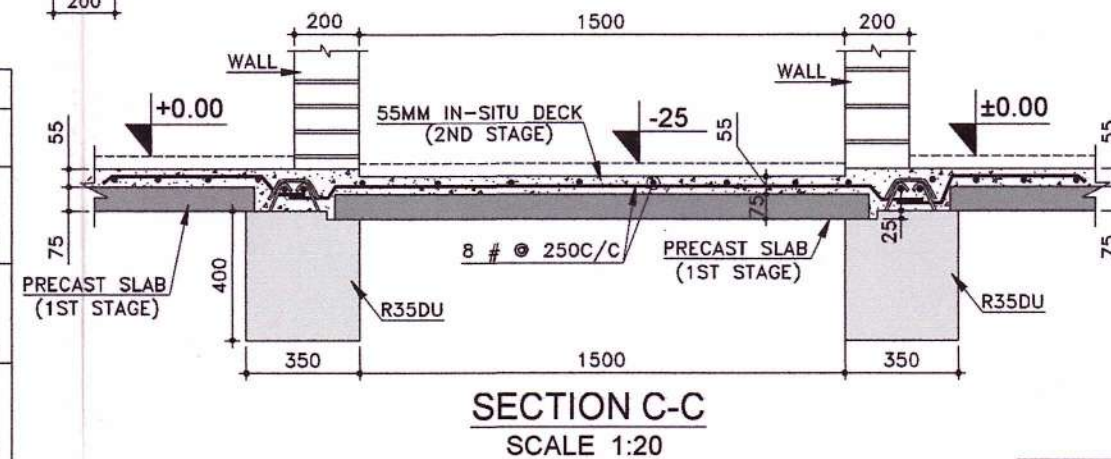
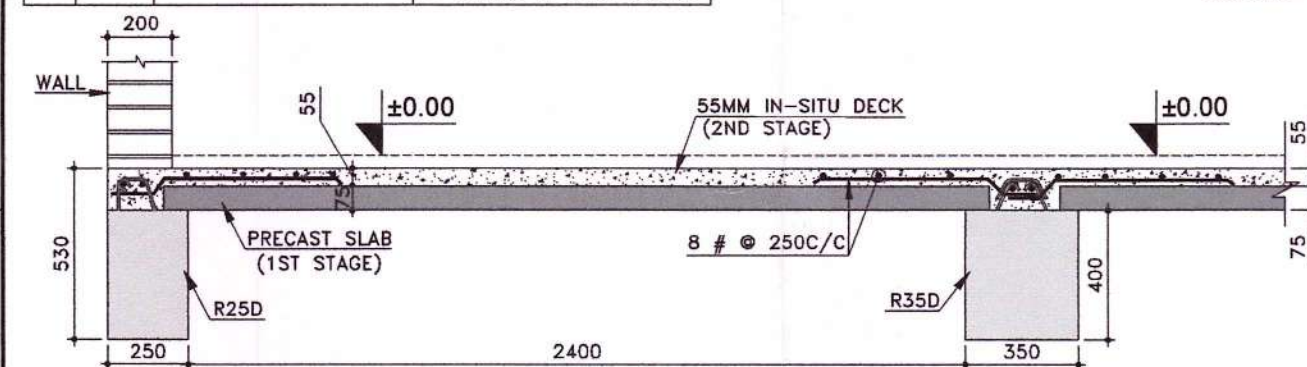
LEGEND			
SR. NO.	ID	DESCRIPTION	REMARK
1		PRECAST SLAB PANELS	150 THK.SLAB i.e. 75 THK. PRECAST SLAB + 75THK. IN-SITU SCREED
2		PRECAST SLAB PANELS	130 THK.SLAB i.e. 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED





LEGEND

SR. NO.	ID	DESCRIPTION	REMARK
1		PRECAST SLAB PANELS	130 THK. SLAB i.e. 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
2		PRECAST SLAB PANELS	130 THK. SLAB i.e. 25 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
3		PRECAST SLAB PANELS	130 THK. SLAB i.e. 115 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED



SCHEDULE OF PRECAST RCC SLAB AT 1ST SLAB LEVEL
CLEAR COVER = 25MM, CONC. GRADE = M40, STEEL GRADE = Fe500D

SR. NO.	SLAB ID	SLAB SIZE	COMPOSITE DECK	PRECAST SLAB	IN SITU	MAIN STEEL	DISTRIBUTION STEEL	REMARK
1	S1	2550	2755	75	55	8# @ 200C/C	8# @ 250 C/C	
2	S2	2550	2075	75	55	8# @ 200C/C	8# @ 250 C/C	
3	S3	2550	2730	75	55	8# @ 200C/C	8# @ 250 C/C	
4	S4	2025	2250	75	55	8# @ 200C/C	8# @ 250 C/C	
5	S5	2855	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
6	S6	2000	2250	75	55	8# @ 200C/C	8# @ 250 C/C	
7	S7	1450	750	75	55	8# @ 200C/C	8# @ 250 C/C	
8	S8	2705	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
9	S9	2100	4150	75	55	8# @ 150C/C	8# @ 250 C/C	
10	S10	2550	2000	75	55	8# @ 200C/C	8# @ 250 C/C	
11	S20	925	525	75	55	8# @ 200C/C	8# @ 250 C/C	
12	S21	1050	2805	75	55	8# @ 150C/C	8# @ 250 C/C	
13	S22	2730	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
14	S23	2550	2100	75	55	8# @ 200C/C	8# @ 250 C/C	
15	S26	1075	2050	75	55	8# @ 200C/C	8# @ 250 C/C	
16	S26A	1075	2050	75	55	8# @ 200C/C	8# @ 250 C/C	
17	S31	2880	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
18	S51	2630	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
19	S52	1650	3335	75	55	8# @ 150 C/C	8# @ 250 C/C	
20	S53	2100	3050	75	55	8# @ 150 C/C	8# @ 250 C/C	
21	S54	1650	2950	75	55	8# @ 150 C/C	8# @ 250 C/C	
22	STR-1	3050	1425	125	55	10# @ 150C/C	8# @ 230 C/C	
23	STR-2	3050	1425	125	55	10# @ 150C/C	8# @ 230 C/C	

SCHEDULE OF '3-S' COLUMN
CONC. GRADE M40, STEEL GRADE - Fe500D

SR. NO.	COLUMN NO.	STILT FLOOR COLUMN	MAIN REIN.	LATERAL TIES	REMARKS
1	C2, C3, C4, C5, C6, C7, C8, C14, C15, C19, C20, C21, C22, C24, C25, C26, C27, C28, C29, C32, C33, C37, C38, C39, C40, C52, C53, C54, C55, C56, C57.	450X450	8-16#	8# @ 85 C/C	8# @ 225 C/C
2	C10, C11, C12, C16, C17, C18, C23, C43, C47, C48, C49.	450X450	4-25#	8# @ 85 C/C	8# @ 225 C/C
3	C30, C31, C34, C35, C36, C41, C42, C44, C45, C46, C50, C51.	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C
4	C1, C9, C13, C58.	450X450	8-20#	8# @ 75 C/C	8# @ 175 C/C

SCHEDULE OF PRECAST BEAMS AT 1ST SLAB LEVEL
CLEAR COVER = 30MM, CONC. GRADE = M40, STEEL GRADE = Fe500D

SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT	TOP REINFORCEMENT	STIRRUPS
1	B1	R25D	250X530	2-20#	-	4-16#
2	B2	R25D	250X530	2-20#	-	4-16#
3	B3	R25FP	250X415	2-16#	-	2-16#
4	B5	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
5	B5A	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
6	B6	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
7	B7	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
8	B7A	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
9	B9	R25	250X430	2-12#	-	2-12#
10	B10	R25	250X430	2-16#	2-12#	2-12#
11	B13	R35	350X430	2-16#	2-12#	2-12#
12	B14	R35	350X430	2-20#	-	4-16#
13	B15	R25	250X430	2-16#	-	2-20#
14	B18	R35D	350X530	2-20#	-	2-20# + 2-16#
15	B19	R35	350X430	2-20#	-	4-16#
16	B25	R35D	350X530	4-16#	-	4-16#
17	B26	R35D	350X530	2-20# + 2-16#	-	2-20# + 2-16#
18	MB29	R25	250X430	2-16#	-	2-20#
19	B30	R25	250X430	2-20#	-	4-16#
20	B31	R25U	250X430	2-20#	-	4-16#
21	B31A	R25U	250X430	2-20#	-	4-16#
22	B32	R20FP	200X300	2-16#	2-12#	2-12#
23	B32A	R20FP	200X300	2-16#	2-12#	2-12#
24	B33	R25	250X430	2-12#	2-10#	2-12#
25	B34	R35	350X430	4-16#	-	4-16#
26	B35	R35	350X430	2-20#	-	4-16#
27	B36	R35U	350X430	2-20#	-	4-16#
28	B37	R35U	350X430	2-20#	-	4-16#
29	B38	R25U	250X430	2-16#	-	2-12#
30	B39	R25U	250X430	2-20#	-	4-16#
31	B40	R25U	250X430	2-16# + 2-12#	-	2-16# + 2-12#
32	B41	R35	350X430	2-16#	-	4-16#
33	B41A	R35	350X430	2-16#	-	4-16#
34	B42	R35U	350X430	2-16#	-	4-16#
35	B42A	R35U	350X430	2-16#	-	4-16#
36	B43	R25	250X430	2-20#	-	4-16#
37	B44	R25	250X430	4-16#	-	4-16#
38	MB45	R30	300X430	4-16#	-	4-16#
39	B51	R35	350X430	2-20#	-	4-16#
40	B52	R25D	250X530	2-20#	-	4-16#
41	B53A	R35U	350X430	2-20#	-	4-16#
42	B64A	R35DU	350X530	4-16#	-	2-20# + 2-16#
43	B83	R35DU	350X530	2-20#	-	4-16#
44	B83A	R35DU	350X530	2-20#	-	4-16#
45	B90	R25U	250X430	4-16#	-	4-16#
46	B91	R25	250X430	2-20#	-	2-16# + 2-12#
47	B101	R35DU	350X530	2-20#	-	4-16#
48	B102	R35	350X430	2-20#	-	4-16#
49	B103	R35U	350X430	2-16#	2-12#	2-12#
50	B104	R25/R35	250/350X430	2-16#	2-12#	4-16#

***GENERAL NOTES:**

- 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
- 2 ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.

REFERENCE DRAWING

SR. NO.	DRAWING NO.	DRAWING DESCRIPTION

REVISION STATUS AND DETAILS

NO.	DATE	REVISION	PROF.	DEALT.	CHKD.	APPD.
R1	24.04.2024	REVISED AS PER CLIENT'S COMMENTS				

RELEASED ON DATED

Dr. K.P. JAYA
Professor
Division of Structural Engineering
Department of Civil Engineering
Anna University, Chennai - 600 025.

DRAWN BY	SIGNATURE	DATE	CLIENT
DESIGNED & CHECKED BY		06.01.2024	SHIRKE
RECHECKED BY		20.01.2024	
APPROVED BY		20.01.2024	

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BLDG TYPE:- PHASE-1, BLOCK-4 (S+6) 12 TENEMENTS / FLOOR

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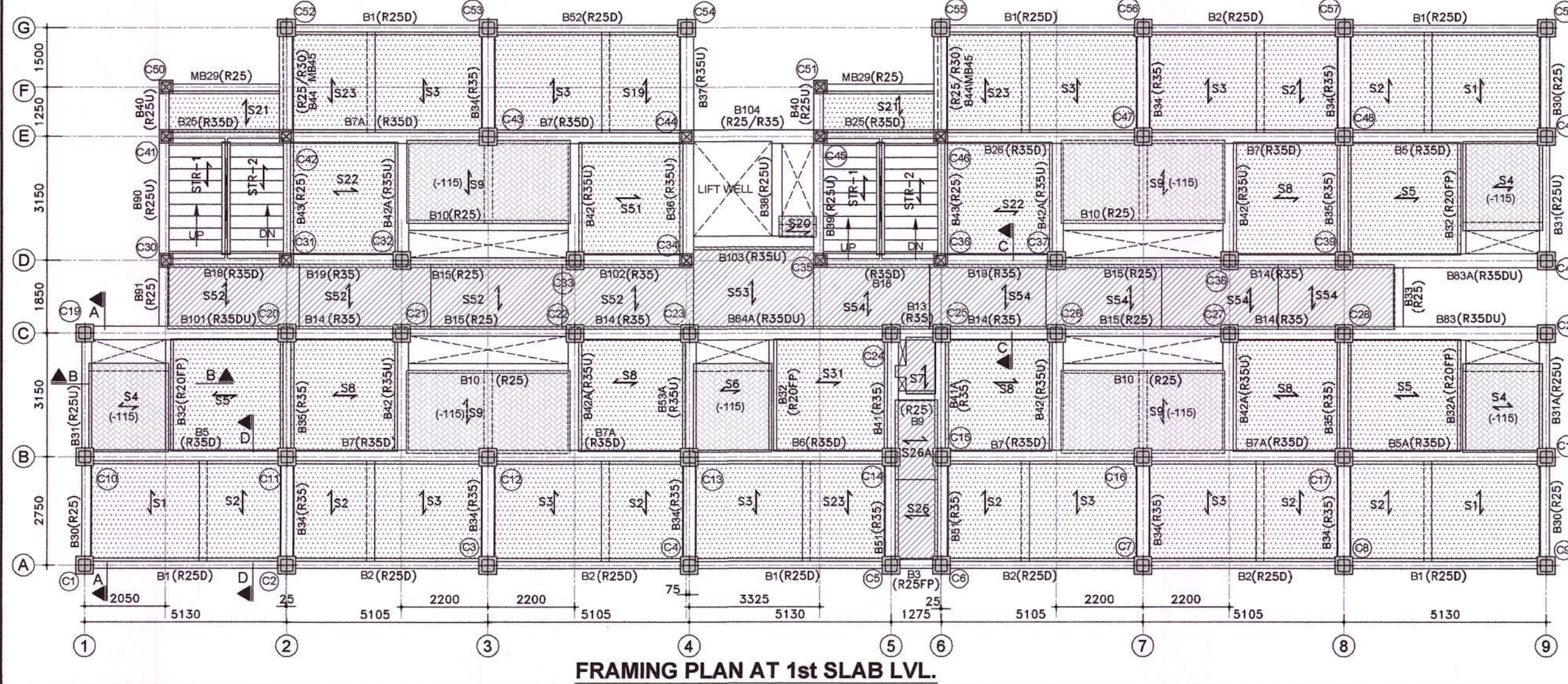
72-76, MUNDHWA, PUNE - 411 036

TEL: 020-26708100 | FAX: 020-26871612 | E-MAIL: design@shirke.co.in

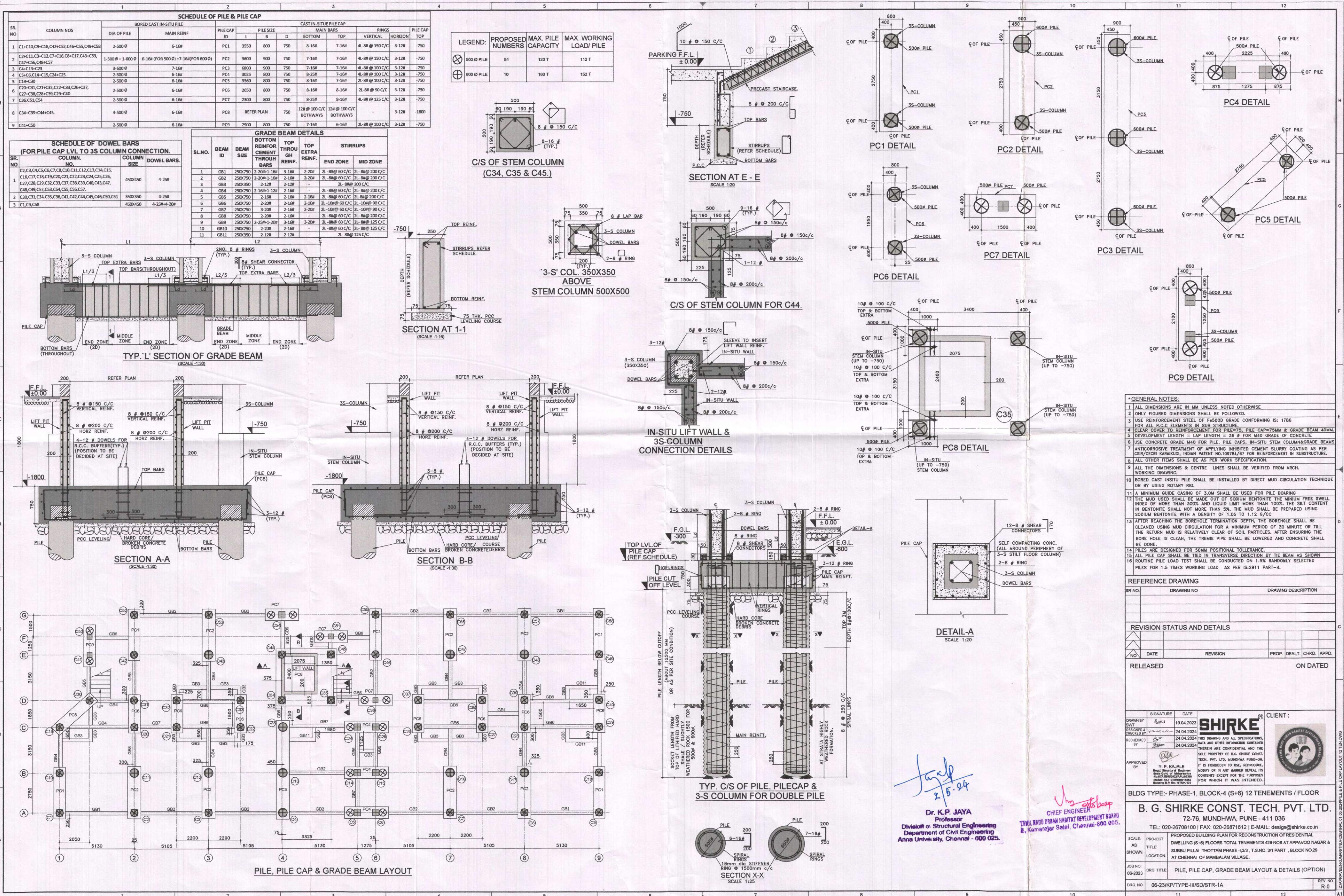
SCALE:	PROJECT	PROPOSED BUILDING PLAN FOR RECONSTRUCTION OF RESIDENTIAL DWELLING (S+6) FLOORS TOTAL TENEMENTS 426 NOS AT APPAVOO NAGAR & SUBBU PILLAI THOTTAM PHASE-I, 3/3, T.S.NO. 3/1 PART, BLOCK NO.29 AT CHENNAI OF MAMBALAM VILLAGE.
AS SHOWN	TITLE	
	LOCATION:	

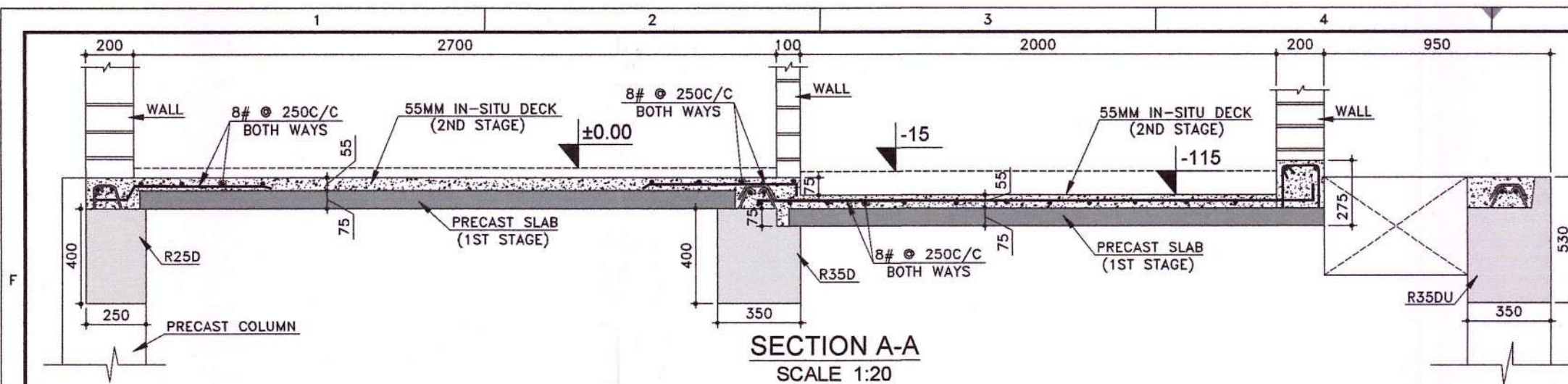
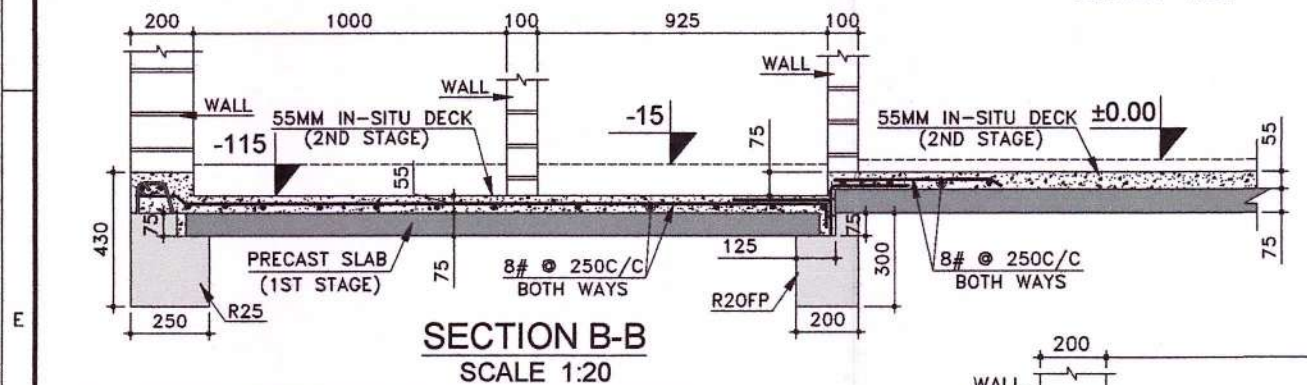
JOB NO:	DRG. TITLE	FRAMING PLAN AT 1st SLAB LEVEL WITH BEAM, SLAB & COLUMN SCHEDULE.
06-2023		

DRG. NO.	06-23/APP/BLK-4/SD/STR-02	REV NO	R-1



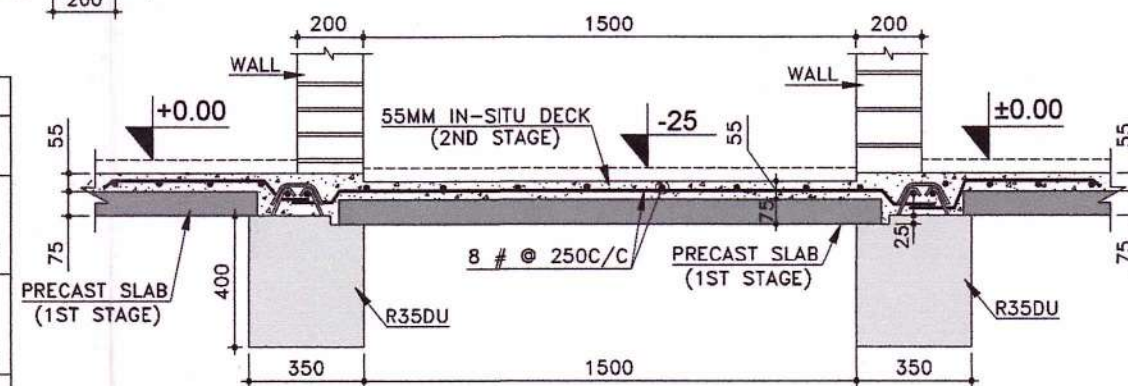
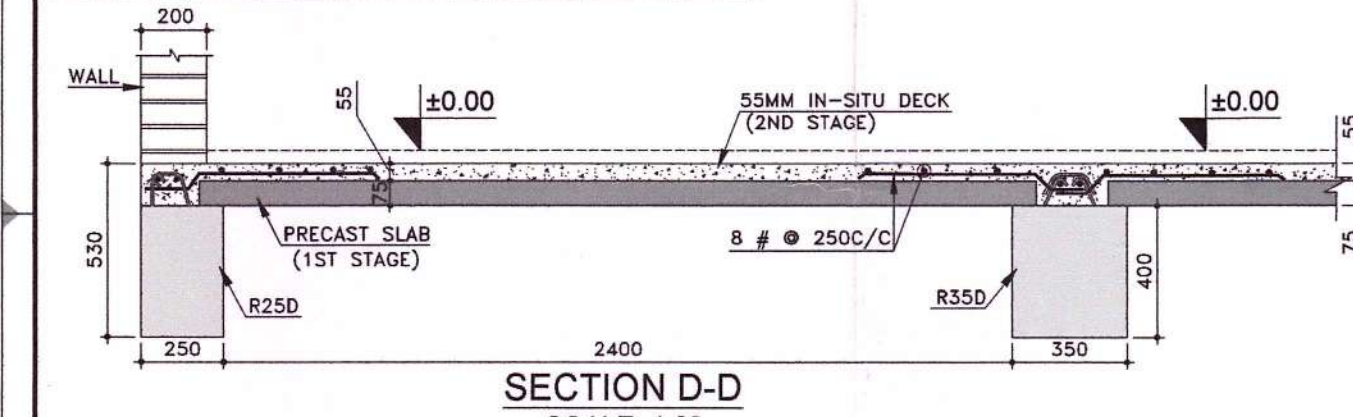
FRAMING PLAN AT 1st SLAB LVL.





LEGEND

SR. NO.	ID	DESCRIPTION	REMARK
1		PRECAST SLAB PANELS	130 THK. SLAB i.e. 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
2		PRECAST SLAB PANELS	130 THK. SLAB i.e. 25 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED
3		PRECAST SLAB PANELS	130 THK. SLAB i.e. 115 MM SUNK & 75 THK. PRECAST SLAB + 55THK. IN-SITU SCREED



SCHEDULE OF PRECAST RCC SLAB AT 2ND TO 6TH SLAB LVL
CLEAR COVER=25MM, CONC. GRADE=M40, STEEL GRADE=Fe500D

SR. NO.	SLAB ID	SLAB SIZE		COMPOSITE SLAB DECK		MAIN STEEL	DISTRIBUTION STEEL	REMARK
		SPAN	WIDTH	PRECAST SLAB	IN SITU			
1	S1	2550	2755	75	55	8# @ 200C/C	8# @ 250 C/C	
2	S2	2550	2075	75	55	8# @ 200C/C	8# @ 250 C/C	
3	S3	2550	2730	75	55	8# @ 200C/C	8# @ 250 C/C	
4	S4	2025	2250	75	55	8# @ 200C/C	8# @ 250 C/C	
5	S5	2855	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
6	S6	2000	2250	75	55	8# @ 200C/C	8# @ 250 C/C	
7	S7	1450	750	75	55	8# @ 200C/C	8# @ 250 C/C	
8	S8	2705	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
9	S9	2100	4150	75	55	8# @ 150C/C	8# @ 250 C/C	
10	S19	2550	2000	75	55	8# @ 200C/C	8# @ 250 C/C	
11	S20	925	525	75	55	8# @ 200C/C	8# @ 250 C/C	
12	S21	1050	2805	75	55	8# @ 150C/C	8# @ 250 C/C	
13	S22	2730	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
14	S23	2550	2100	75	55	8# @ 200C/C	8# @ 250 C/C	
15	S31	2880	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
16	S51	2630	2850	75	55	8# @ 200C/C	8# @ 250 C/C	
17	S52	1650	3335	75	55	8# @ 150 C/C	8# @ 250 C/C	
18	S53	2100	3050	75	55	8# @ 150 C/C	8# @ 250 C/C	
19	S54	1650	2950	75	55	8# @ 150 C/C	8# @ 250 C/C	
20	STR-1	3050	1425	125	55	10# @ 150C/C	8# @ 230 C/C	
21	STR-2	3050	1425	125	55	10# @ 150C/C	8# @ 230 C/C	

SCHEDULE OF '3-S' COLUMN
CONC. GRADE M40, STEEL GRADE - Fe500D

SR. NO.	COLUMN NO.	1ST FLOOR COLUMN		2ND TO 5TH FLOOR COLUMN		LATERAL TIES		REMARKS
		COLUMN SIZE	MAIN REINF.	COLUMN SIZE	MAIN REINF.	END ZONE	MID ZONE	
1	C2, C3, C4, C7, C8, C53, C54, C55, C56, C57, C1, C5, C6, C9, C14, C15, C19, C20, C21, C22, C24, C25, C26, C27, C28, C29, C32, C33, C37, C38, C39, C40, C52, C58.	350X350	4-16#	350X350	4-16#	8# @ 75 C/C	8# @ 175 C/C	
2	C10, C11, C12, C16, C17, C18, C23, C30, C31, C34, C35, C36, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51.	350X350	4-25#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C	
4	C13	350X350	8-20#	350X350	4-25#	8# @ 75 C/C	8# @ 175 C/C	

SCHEDULE OF PRECAST BEAMS AT 2ND TO 6TH FLOOR SLAB LEVEL
CLEAR COVER=30MM, CONC. GRADE=M40, STEEL GRADE=Fe500D

SR. NO.	BEAM NO.	MOULD TYPE	BEAM SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			STIRRUPS	
				THRO.	CURTAIL	NEAR	MIDDLE	FAR	END ZONE	MID ZONE
1	2B1	R25D	250x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 170 C/C
2	2B2	R25D	250x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 170 C/C
3	2B3	R25FP	250x415	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 100 C/C	
4	2B5	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 90C/C	2L-8# @ 120 C/C
5	2B5A	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 90C/C	2L-8# @ 120 C/C
6	2B6	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 100C/C	2L-8# @ 120 C/C
7	2B7	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 100C/C	2L-8# @ 120 C/C
8	2B7A	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 100C/C	2L-8# @ 120 C/C
9	B9	R25	250x430	2-12#	-	2-12#	2-12#	2-12#	2L-8# @ 190 C/C	
10	B10	R25	250x430	2-16#	2-12#	2-12#	2-12#	2-12#	2L-8# @ 190 C/C	
11	2B13	R35	350x430	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
12	2B14	R35	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
13	2B15	R25	250x430	2-16#	-	2-16#	2-12#	2-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
14	B18	R35D	350x530	2-20#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
15	2B19	R35	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 110 C/C
16	B25	R35D	350x530	4-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
17	2B26	R35D	350x530	2-20#+2-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 75 C/C	2L-8# @ 130 C/C
18	MB29	R25C	250x430	2-16#	-	2-20#	2-16#	2-20#	2L-8# @ 200 C/C	
19	2B30	R25	250x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
20	2B31	R25U	250x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
21	2B31A	R25U	250x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
22	B32	R20FP	200x300	2-16#	2-12#	2-12#	2-12#	2-12#	2L-8# @ 140 C/C	
23	B32A	R20FP	200x300	2-16#	2-12#	2-12#	2-12#	2-12#	2L-8# @ 140 C/C	
24	B33	R25	250x430	2-12#	2-10#	2-12#	2-12#	2-12#	2L-8# @ 250 C/C	
25	2B34	R35	350x430	4-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
26	2B35	R35	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
27	B36	R35U	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
28	2B37	R35U	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
29	B38	R25U	250x430	2-16#	-	2-12#	2-12#	2-12#	2L-8# @ 200 C/C	
30	B39	R25U	250x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 110 C/C
31	B40	R25U	250x430	2-16#+2-12#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-10# @ 70 C/C	2L-10# @ 70 C/C
32	2B41	R35U	350x430	2-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
33	2B41A	R35U	350x430	2-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
34	2B42	R35U	350x430	2-16#	-	4-16#	2-16#	4-16#	2L-8# @ 70 C/C	
35	2B42A	R35U	350x430	2-16#	-	4-16#	2-16#	4-16#	2L-8# @ 70 C/C	
36	B43	R25	250x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
37	2B44	R25	250x430	4-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 90 C/C
38	2MB45	R30	300x430	4-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 90 C/C
39	2B51	R35U	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 110 C/C
40	2B52	R25D	250x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 170 C/C
41	2B53A	R35U	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 120 C/C
42	2B64A	R35DU	350x530	4-16#	-	2-20#+2-16#	2-16#	2-20#+2-16#	2L-8# @ 100 C/C	2L-8# @ 140 C/C
43	2B83	R35DU	350x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 100 C/C	2L-8# @ 140 C/C
44	2B83A	R35DU	350x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 100 C/C	2L-8# @ 140 C/C
45	B90	R25U	250x430	4-16#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 110 C/C
46	B91	R25	250x430	2-20#	-	2-16#+2-12#	2-16#	2-16#+2-12#	2L-8# @ 75 C/C	2L-8# @ 190 C/C
47	2B101	R35DU	350x530	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 150 C/C
48	2B102	R35	350x430	2-20#	-	4-16#	2-16#	4-16#	2L-8# @ 75 C/C	2L-8# @ 100 C/C
49	B103	R35U	350x430	2-16#	2-12#	2-12#	2-12#	2-12#	2L-8# @ 175 C/C	
50	B104	R25/R35	250/350x430	2-16#	2-12#	2-12#	2-12#	2-12#	2L-8# @ 75 C/C	2L-8# @ 125 C/C

*** GENERAL NOTES:**

- 1 ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE
- 2 ONLY FIGURED DIMENSIONS SHALL BE FOLLOWED.

REFERENCE DRAWING

SR. NO.	DRAWING NO	DRAWING DESCRIPTION

REVISION STATUS AND DETAILS

NO	DATE	REVISION	PROF.	DEALT.	CHKD.	APPD.
R1	24.04.2024	REVISED AS PER CLIENTS COMMENTS				

RELEASED ON DATED

SIGNATURE _____ **DATE** 06.01.2024

DRAWN BY *[Signature]*

DESIGNED & CHECKED BY *[Signature]*

RECHECKED BY *[Signature]*

APPROVED BY *[Signature]*

CLIENT

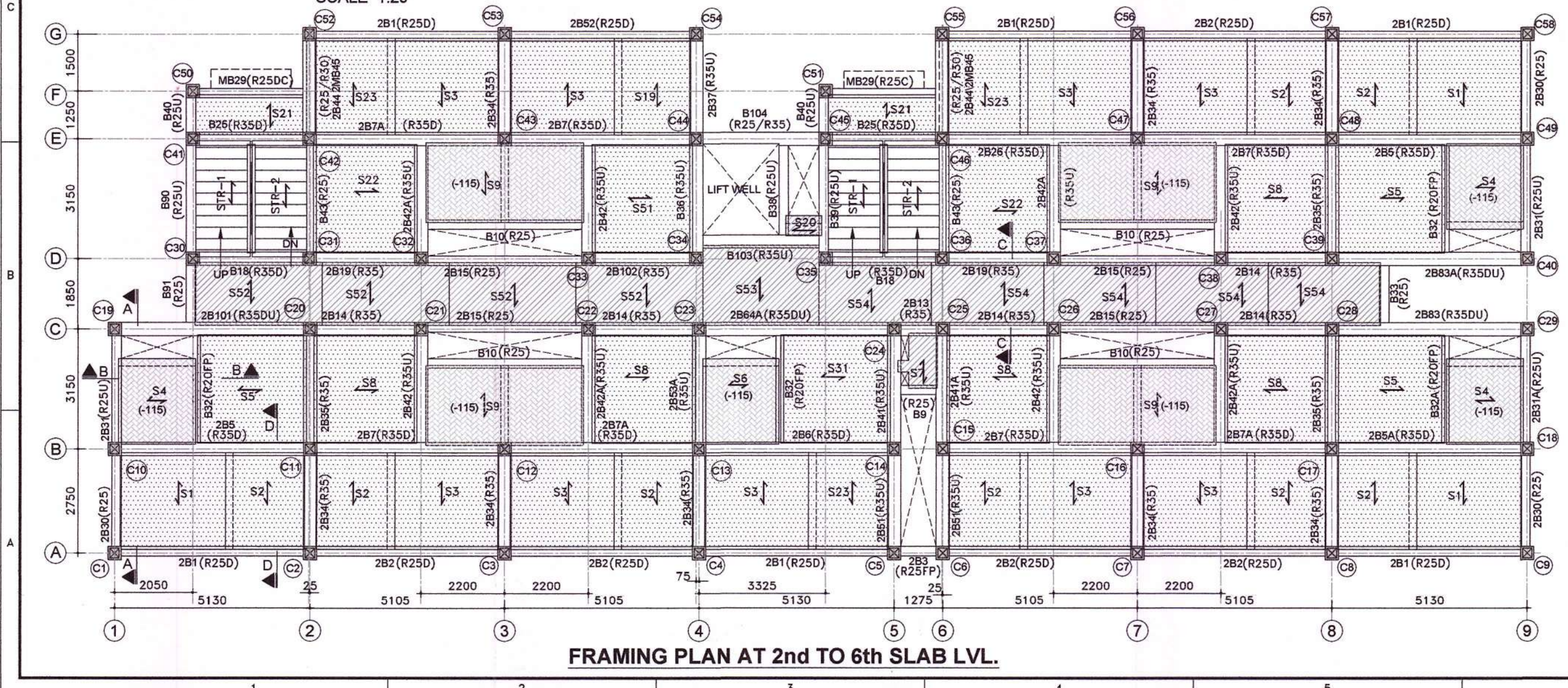
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BLDG TYPE:- PHASE-1, BLOCK-4 (S+6) 12 TENEMENTS / FLOOR

B. G. SHIRKE CONST. TECH. PVT. LTD.
72-76, MUNDHWA, PUNE - 411 036
TEL: 020-26708100 | FAX: 020-26871612 | E-MAIL: design@shirke.co.in

SCALE:	PROJECT:	TITLE:	LOCATION:
AS SHOWN	PROPOSED BUILDING PLAN FOR RECONSTRUCTION OF RESIDENTIAL DWELLING (S+6) FLOORS TOTAL TENEMENTS 426 NOS AT APPAVO NAGAR & SUBBU PILLAI THOTTAM PHASE 1,3/3, T.S.NO. 3/1 PART, BLOCK NO.29 AT CHENNAI OF MAMBALAM VILLAGE.	FRAMING PLAN AT 2nd TO 6th SLAB LEVEL WITH BEAM, SLAB & COLUMN SCHEDULE.	
JOB NO.: 06-2023	DRG. TITLE:		
DRG. NO. 06-23/APP/BLK-4/SD/STR-03			REV. NO. R-1



FRAMING PLAN AT 2nd TO 6th SLAB LVL.

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One

Ask anything about a property and get an answer grounded in live government records, with the sources shown.

[/landlens/one](#)



Verify My Land

Every record check run on one property and returned as a single report.

[/landlens/verify-my-land](#)



Legal Opinion

An advocate's written opinion on the title, built on the records we pull for it.

[/landlens](#)



One Map

Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.

[/landlens/one/map](#)



PriceMap

What land actually changed hands for around this plot, taken from the registered deeds.

[/landlens/pricemap](#)



Build Scope

What you are allowed to build here: floor space, height, coverage and setbacks.

[/landlens/build-scope](#)



Property Tracker

Watch a property and hear about it when something new is registered against it.

[/landlens/property-tracker](#)



Deal Room

Run the transaction in one place: documents, stamping, signatures and the parties.

[/landlens/deal-room](#)



Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

Encumbrance Certificate

Patta and Chitta

Field Measurement Sketch

EC Analyzer

Bank charge check

Court case search

Seller background check

Approval check by survey

Value and duty

What it is worth and what it costs to register.

Guideline value by street

Guideline value by survey

Stamp duty and registration fees

Capital gains

Floor space index

Area unit converter

Zoning and land use

What the plan says can happen on this land.

Land use zone finder

CMDA land use check

Coastal regulation zone

Master plan check

Water bodies finder

Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

Find your registering office

Temple property check

Waqf property check

RERA register



Every free tool
/tools



Services we run
for you
/services



The LandLens
suite
/landlens/one



Every claim in this document traces back to a government record.

Legal opinions, due diligence and title verification

Building plan, layout and sub-division approvals

Completion and occupancy certificates, regularisation

Escrow, negotiation and NRI property management

Land survey, soil testing, architecture and construction

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.

