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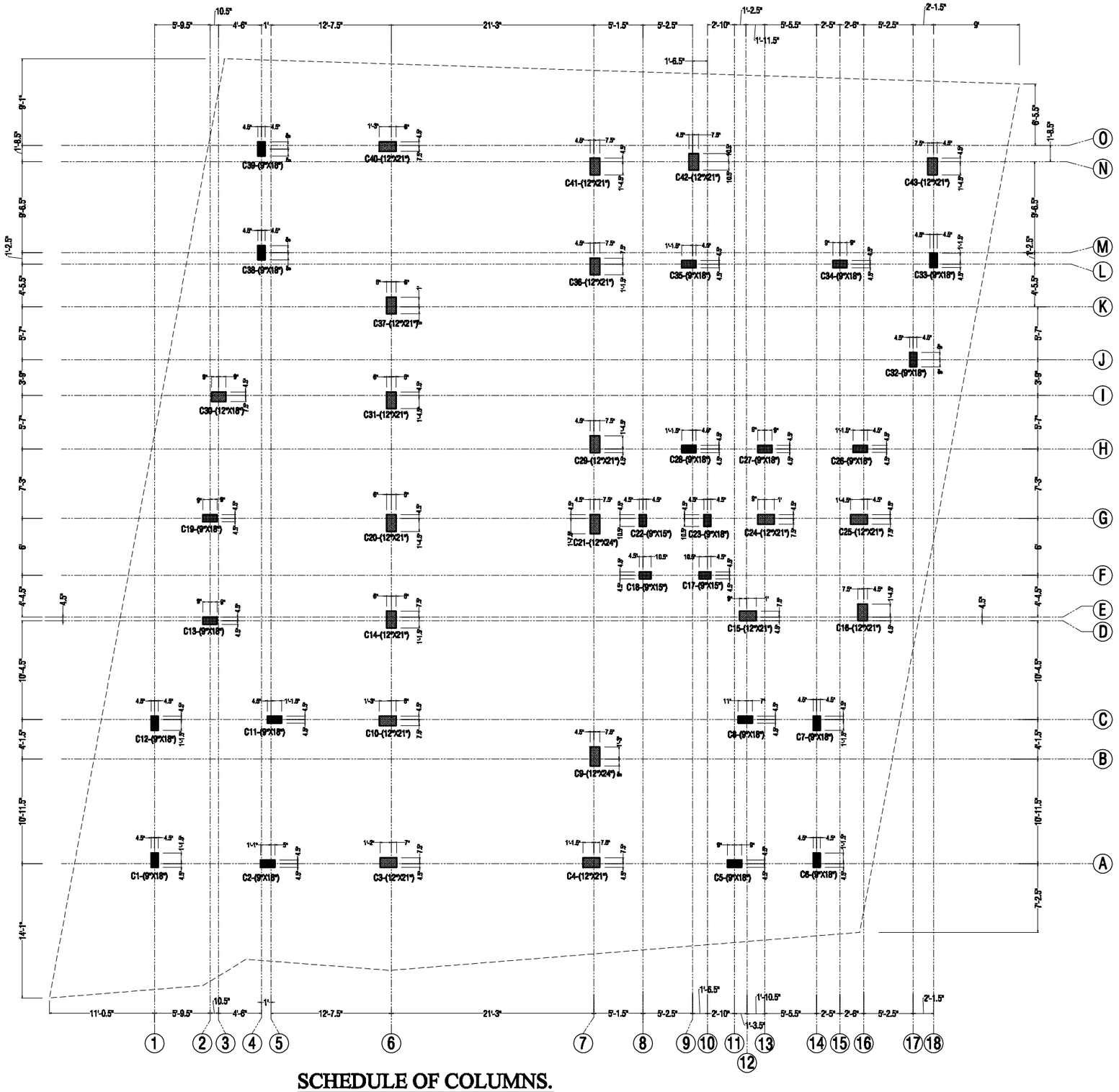
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SCHEDULE OF COLUMNS.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM.

NOTE :

1. *ALL THE DIMENSIONS ARE IN FEET AND INCHES ONLY. DO NOT MEASURE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.*
2. *ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT.*
3. *USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.*
4. *DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M² MINIMUM. DESIGN SBC OF SOIL IS-(30 T/M²) AT WHICH DEPTH OF FOUNDATION IS 2.20 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.*
5. *FILL THE FOUNDATION PITS WITH SAND GRAVEL MIX (1:3) OR STONE DUST AND GRAVEL MIX (1:3). COMPACTING IN LAYERS OF 6" THICK EACH UPTO A DEPTH OF 12 INCHES BEFORE LAYING P.C.C.*
6. *LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.*
7. *CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.*
8. *ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.*
9. *GRADE OF CONCRETE M20 (1:1.5:3) - 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.*

STILT + FIRST FLOOR REINFORCEMENT DETAILS.

DESIGNED FOR : STILT+4 — **S.B.C : 30 T/sq.m at 2.20 m depth**

STEEL : Fe 510 N/sq.mm — **CONCRETE : M30 N/sq.mm**

S.NO	BEARING COLUMN NUMBERS	SIZE (axb) IN INCHES	NO'S	REINFORCEMENT
1.	C6,C7,C17,C16,C22,C23,C39	9"X15" 9"X18"	7	15"/18" 9" — 8-16+4-12 Y8 STRP @6"C/C
2.	C1,C2,C3,C12,C38,C36,C34,C35,C30	9"X18"	9	18" 9" — 8-16+4-12 Y8 STRP @6"C/C
3.	C24,C25,C26,C27,C28	9"X18" 12"X21"	5	18"/21" 9"/12" — 4-32+6-16 Y8 STRP @6"C/C
4.	C8,C4,C5,C11,C13,C19,C20	9"X18" 12"X18" 12"X21"	7	18"/21" 9"/12" — 8-32+4-16 Y8 STRP @6"C/C
5.	C40,C41,C42,C43	12"X21"	4	21" 12" — 4-25+6-16 Y8 STRP @6"C/C
6.	C10,C14,C15,C16,C20,C29, C31,C36,C37,C40	12"X21"	10	21" 12" — 6-25+6-16 Y8 STRP @6"C/C
7.	C9,C21	12"X24"	2	24" 12" — 6-25+4-16 Y8 STRP @6"C/C
5.	DUMMY COLUMN -DC	9"X12"	3	12" 9" — 6-Y12 Y8 STRP @6"C/C

ARCHITECTS :

SCC ENGINEERS .Architects .Structural Engineers .Contractors

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N S E W

FILE	P-214/CHN/VIVA-AGS	REV :3
DATE :	13-09-2025	SCALE : 1: 100

STILT TO THIRD FLOOR COLUMN REINFORCEMENT (KRISHANA KUMARI)

DESIGNED FOR : STILT+GROUND FL S.B.C : 30 T/sq.m at 3.00 m depth
STEEL : Fe 510 N/sq.mm CONCRETE : M25 N/sq.mm

S.NO	BEARING COLUMN NUMBERS	SIZE (axb) IN INCHES (SIZE IN STILT)	NO'S	REINFORCEMENT (STILT)	REINFORCEMENT (FIRST)	REINFORCEMENT (SECOND)	REINFORCEMENT (THIRD)
1.	C1	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C **8-Y16+4-Y12**	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
2.	C2	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
3.	C3	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
4.	C4	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
5.	C5	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
6.	C6	9"X18"	1	18" × 9" (9"X18") 6-16+4-12 Y8-STRP@6" C/C	18" × 9" (9"X18") 6-16+4-12 Y8-STRP@6" C/C	15" × 9" (9"X15") 6-16+4-12 Y8-STRP@6" C/C	15" × 9" (9"X15") 4-16+4-12 Y8-STRP@6" C/C
7.	C7	9"X18"	1	18" × 9" (9"X18") 6-16+4-12 Y8-STRP@6" C/C	18" × 9" (9"X18") 6-16+4-12 Y8-STRP@6" C/C	15" × 9" (9"X15") 6-16+4-12 Y8-STRP@6" C/C	15" × 9" (9"X15") 4-16+4-12 Y8-STRP@6" C/C
8.	C8	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	15" × 9" (9"X15") 4-16+6-Y12 Y8 STRP @6"C/C
9.	C9	12"X24"	1	24" × 12" (12" X 24") 8-25+4-16 Y8 STRP @6"C/C	24" × 12" (12" X 24") 8-25+4-16 Y8 STRP @6"C/C	21" × 12" (12" X 21") 4-25+4-Y20+4-16 Y8 STRP @6"C/C	21" × 9" (9" X 21") 4-25+8-Y16 Y8 STRP @6"C/C
10.	C10	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
11.	C11	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
12.	C12	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
13.	C13	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
14.	C14	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C

STILT TO THIRD FLOOR COLUMN REINFORCEMENT (KRISHANA KUMARI)

DESIGNED FOR : STILT+GF **S.B.C : 30 T/sq.m at 3.00 m depth**

STEEL : Fe 510 N/sq.mm **CONCRETE : M25 N/sq.mm**

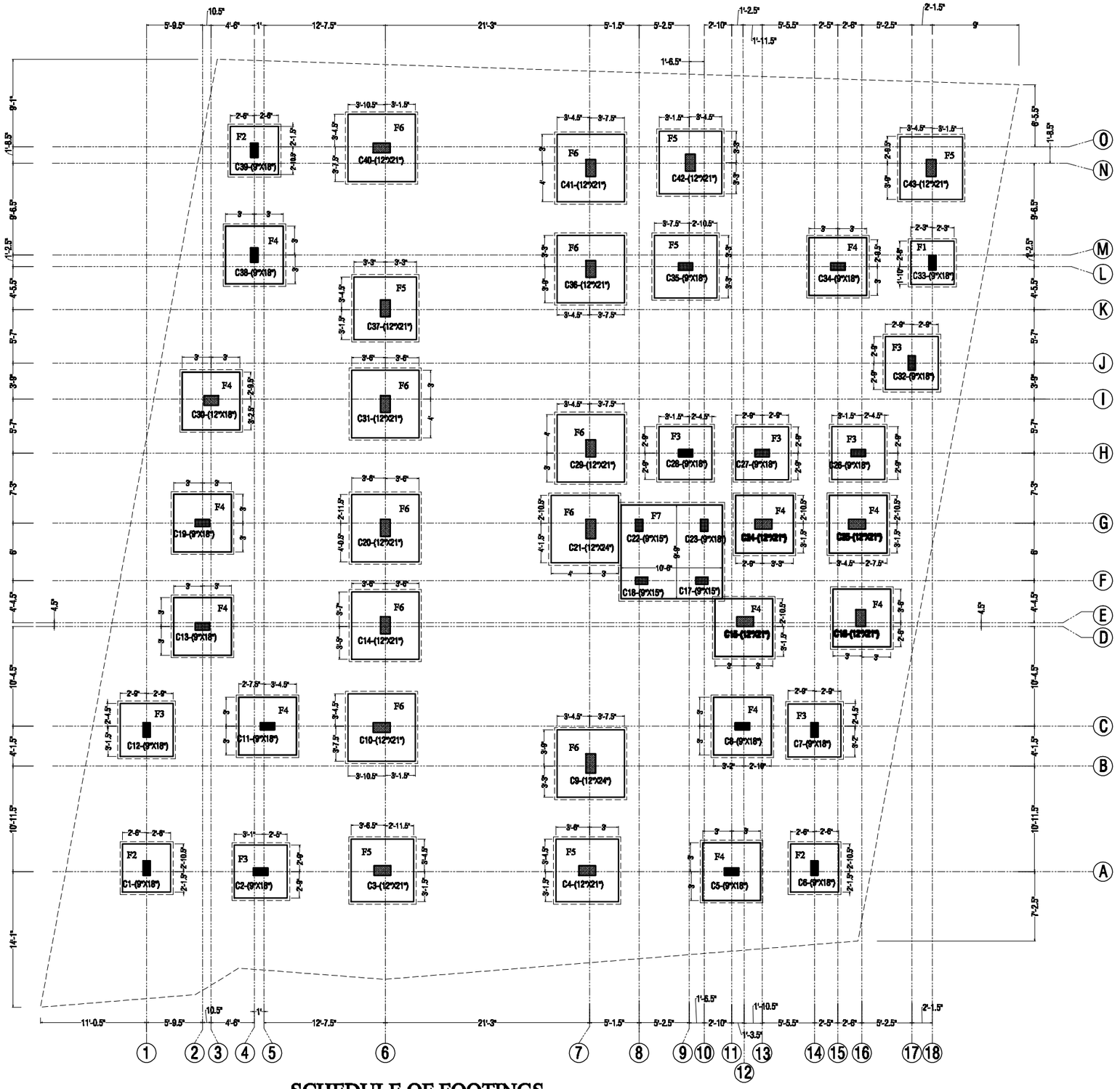
S.NO	BEARING COLUMN NUMBERS	SIZE (axb) IN INCHES (SIZE IN STILT)	NO'S	REINFORCEMENT (STILT +FIRST)	REINFORCEMENT (FIRST)	REINFORCEMENT (SECOND)	REINFORCEMENT (THIRD)
15.	C15	12"X21"		21" × 12" — 6-25+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 6-25+6-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-25+8-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-20+8-16, Y8 STRP @6"C/C — 9"X21"
16.	C16	12"X21"		21" × 12" — 6-25+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 6-25+6-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-25+8-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-20+8-16, Y8 STRP @6"C/C — 9"X21"
17.	C17	9"X15"		15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 4-16+4-12, Y8-STRP@6" C/C — 9"X15"
18.	C18	9"X15"		15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	15" × 9" — 4-16+4-12, Y8-STRP@6" C/C — 9"X15"
19.	C19	12"X21"	1	21" × 12" — 6-20+4-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"	18" × 9" — 8-16+2-Y12, Y8 STRP @6"C/C — 9"X18"
20.	C20	12"X21"	1	21" × 12" — 6-25+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 6-25+6-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-25+8-16, Y8 STRP @6"C/C — 9"X21"	21" × 9" — 4-20+8-16, Y8 STRP @6"C/C — 9"X21"
21.	C21	12"X24"	1	24" × 12" — 8-25+4-16, Y8 STRP @6"C/C — 12" X 24"	24" × 12" — 8-25+4-16, Y8 STRP @6"C/C — 12" X 24"	21" × 12" — 4-25+4-Y20+4-16, Y8 STRP @6"C/C — 12" X 21"	21" × 9" — 4-25+8-Y16, Y8 STRP @6"C/C — 9" X 21"
22.	C22	9"X15"	1	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	12" × 9" — 4-16+4-12, Y8-STRP@6" C/C — 9"X12"
23.	C23	9"X15"	1	15" × 9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	9" — 6-16+4-12, Y8-STRP@6" C/C — 9"X15"	12" × 9" — 4-16+4-12, Y8-STRP@6" C/C — 9"X12"
24.	C24	12"X21"	1	21" × 12" — 4-20+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"	15" × 9" — 6-16+4-Y12, Y8 STRP @6"C/C — 9"X15"
25.	C25	12"X21"	1	21" × 12" — 4-20+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"	15" × 9" — 6-16+4-Y12, Y8 STRP @6"C/C — 9"X15"
26.	C26	12"X21"	1	21" × 12" — 4-20+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"	15" × 9" — 6-16+4-Y12, Y8 STRP @6"C/C — 9"X15"
27.	C27	12"X21"	1	21" × 12" — 4-20+6-16, Y8 STRP @6"C/C — 12"X21"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"	15" × 9" — 6-16+4-Y12, Y8 STRP @6"C/C — 9"X15"
28.	C28	12"X21"	1	12"X21" — 18"/21" × 9"/12" — 4-20+6-16, Y8 STRP @6"C/C — 9"X18"	21" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X21"	18" × 9" — 4-20+6-16, Y8 STRP @6"C/C — 9"X18"	18" × 9" — 10-16, Y8 STRP @6"C/C — 9"X18"

STILT TO THIRD FLOOR COLUMN REINFORCEMENT (KRISHANA KUMARI)

DESIGNED FOR : STILT+GF **S.B.C : 30 T/sq.m at 3.00 m depth**

STEEL : Fe 510 N/sq.mm **CONCRETE : M25 N/sq.mm**

S.NO	BEARING COLUMN NUMBERS	SIZE (axb) IN INCHES (SIZE IN STILT)	NO'S	REINFORCEMENT (STILT +FIRST)	REINFORCEMENT (FIRST)	REINFORCEMENT (SECOND)	REINFORCEMENT (THIRD)
29	C29	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
30.	C30	12"X21"	1	21" × 12" (12"X21") 6-20+4-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+6-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 10-16 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
31.	C31	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
32.	C32	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
33.	C33	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
34.	C34	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 6-Y16+4-Y12
35.	C35	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12
36.	C36	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
37.	C37	12"X21"	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
38.	C38	9"X18"	1	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 8-Y16+4-Y12	18" × 9" (9"X18") Y8-STRP@6" C/C 6-Y16+4-Y12	15" × 9" (9"X15") Y8-STRP@6" C/C 4-Y16+4-Y12
39.	C39	9"X15"	1	15" × 9" (9"X15") 6-16+4-12 Y8-STRP@6" C/C	9" (9"X15") 6-16+4-12 Y8-STRP@6" C/C	9" (9"X15") 6-16+4-12 Y8-STRP@6" C/C	12" × 9" (9"X12") 4-16+4-12 Y8-STRP@6" C/C
40.	C40	12"X21	1	21" × 12" (12"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 6-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+8-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-20+8-16 Y8 STRP @6"C/C
41.	C41	12"X21	1	21" × 12" (12"X21") 4-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+4-16+2-Y12 Y8 STRP @6"C/C	18" × 9" (9"X18") 4-20+4-16+2-Y12 Y8 STRP @6"C/C	18" × 9" (9"X18") 8-16+2-Y12 Y8 STRP @6"C/C
42/43.	C42&C43	12"X21	1	21" × 12" (12"X21") 4-25+6-16 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+4-16+2-Y12 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+4-16+2-Y12 Y8 STRP @6"C/C	21" × 9" (9"X21") 4-25+4-16+2-Y12 Y8 STRP @6"C/C



SCHEDULE OF FOOTINGS.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM.

NOTE :

1. ALL THE DIMENSIONS ARE IN FEET AND INCHES ONLY. DO NOT MEASURE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
2. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT.
3. USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.
4. DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M^2 MINIMUM. DESIGN SBC OF SOIL IS-(30 T/M^2) AT WHICH DEPTH OF FOUNDATION IS 3.00 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.
5. FILL THE FOUNDATION PITS WITH SAND GRAVEL MIX (1:3) OR STONE DUST AND GRAVEL MIX (1:3). COMPACTING IN LAYERS OF 6" THICK EACH UPTO A DEPTH OF 12 INCHES BEFORE LAYING P.C.C.
6. LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.
7. CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.
8. ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.
9. GRADE OF CONCRETE M20 (1:1.5:3) – 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.

STRUCTURE DESIGNED FOR : STILT+3.
GRADE OF CONCRETE : M25 (NOMINAL MIX-(1:1.5:3)
GRADE OF STEEL : Fe510 (510 N/sq.mm)
SAFE BEARING CAPACITY OF SOIL --30 T/SQ.MT (DEPTH OF FOUNDTION - 2.20 M).

REINFORCEMENT DETAIL OF FOOTINGS.
(CENTRIC LOADING)

S.NO	FOOTING TYP & SIZE	BEARING COLUMNS.	DEPTH AT TOE T	TOTAL DEPTH AT CENTRE D	PEDESTAL SIZES SIZE a×b	PEDESTAL SIZES HEIGHT (E)	FOOTING REINFORCEMENT
1.	(F1.) 4'6"X4'6"	C33	27"	27"	---	---	Y10 BARS @ 5"C/C BOTH WAYS.
2.	(F2.) 5'0"X5'0"	C1,C6,C39	30"	30"	---	---	Y10 BARS @ 4"C/C BOTH WAYS.
3.	(F3.) 5'6"X5'6"	C2,C7,C12,C26,C27,C28,C32	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y10 BARS @ 5"C/C BOTH WAYS(BOT).
4.	(F4.) 6'0"X6'0"	C5,C8,C11,C13,C15,C16,C19,C24,C25,C30,C34,C38	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y10 BARS @ 4"C/C BOTH WAYS(BOT).
5.	(F5.) 6'6"X6'6"	C3,C4,C35,C37,C42,C43	33"	33"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 6"C/C BOTH WAYS(BOT).
6.	(F6.) 7'0"X7'0"	C9,C10,C14,C20,C21,C29,C31,C36,C40,C41	33"	33"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 6"C/C BOTH WAYS(BOT).
7.	(F7.) 9'9"X10'6"	LIFT FOUNDATION	20"	20"	---	---	Y10 BARS @ 5"C/C BOTH WAYS(TOP). Y10 BARS @ 5"C/C BOTH WAYS(BOT).
8.	(DF). 3'0"X3'0"	DUMMY FOOTING	12"	12"	---	---	Y8 BARS @ 5"C/C BOTH WAYS.

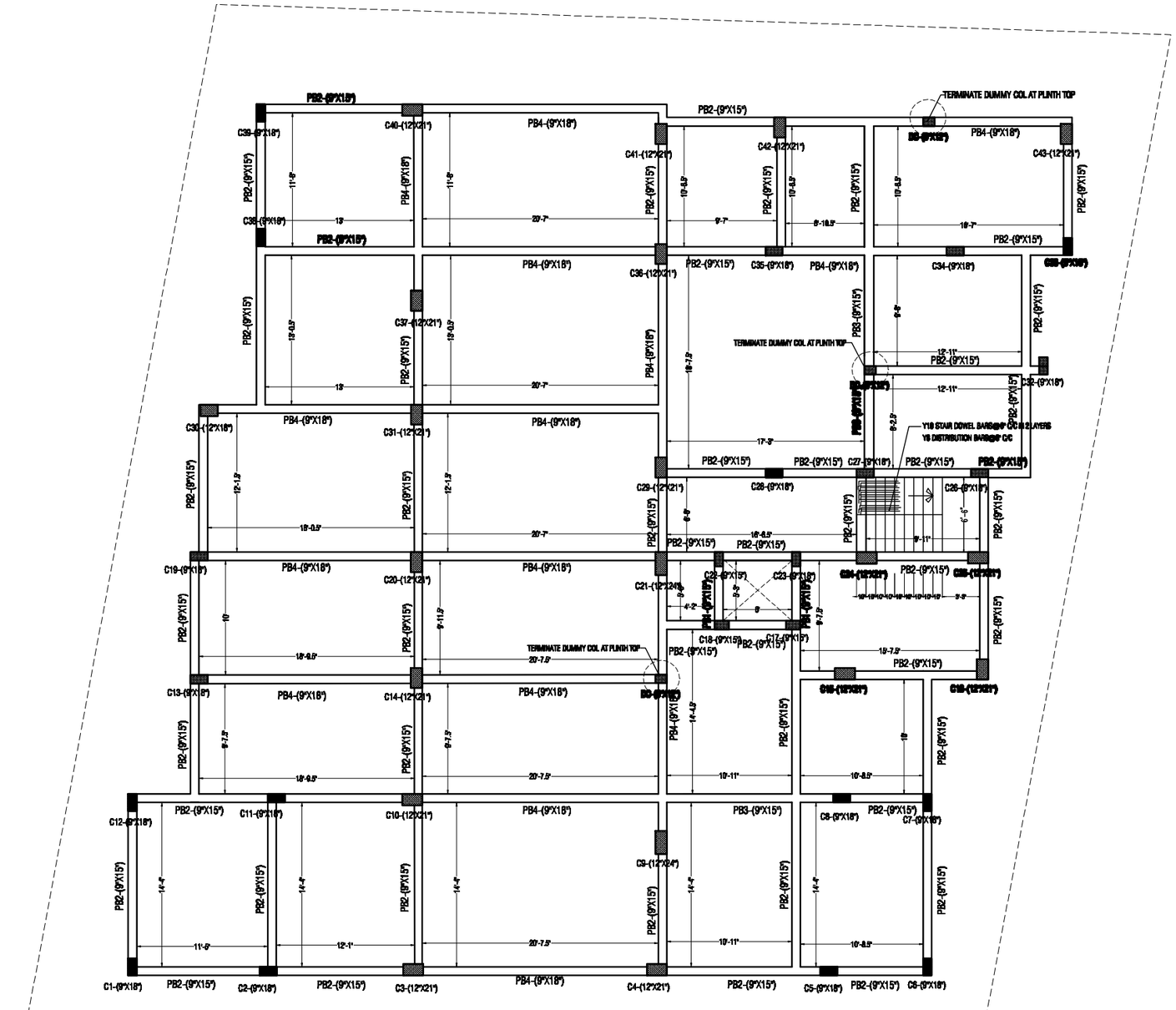
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FILE	P-214/CHN/VIVA-AGS	REV :3
DATE :	13-09-2025	SCALE : 1: 100



SCHEDULE OF PLINTH BEAMS.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

NOTE :

1. *ALL THE DIMENSIONS ARE IN FEET AND INCHES ONLY. DO NOT MEASURE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.*
2. *ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT.*
3. *USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.*
4. *DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M² MINIMUM. DESIGN SBC OF SOIL IS-(30 T/M²) AT WHICH DEPTH OF FOUNDATION IS 3.00 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.*
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6. *LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.*
7. *CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.*
8. *ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.*
9. *GRADE OF CONCRETE M20 (1:1.5:3) - 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.*

REINFORCEMENT DETAILS OF PLINTH BEAMS.

REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

SIGN	SECTION AT MID POINT OF BEAM.	SECTION AT BEAM & COLUMN JOINT.
PB1	12" × 9": 2-Y12(TOP), 2-Y12(BOT), Y8 STRP@6"C/C.	12" × 9": 2-Y12+1-Y12(TOP), 2-Y12(BOT). Y8 STRP@6"C/C.
PB2	15" × 9": 2-Y12(TOP), 3-Y12(BOT), Y8 STRP@6"C/C.	15" × 9": 2-Y12+1-Y16(TOP), 3-Y12(BOT), Y8 STRP@6"C/C.
PB3	15" × 9": 2-Y16(TOP), 2-Y16+1-Y12(BOT), Y8 STRP@6"C/C.	15" × 9": 2-Y16+1-Y16(TOP), 2-Y16+1-Y12(BOT), Y8 STRP@6"C/C.
PB4	18" × 9": 3-Y16(TOP), 4-Y16(BOT), Y8 STRP@6"C/C.	18" × 9": 3-Y16+1-Y16(TOP), 4-Y16(BOT), Y8 STRP@6"C/C.

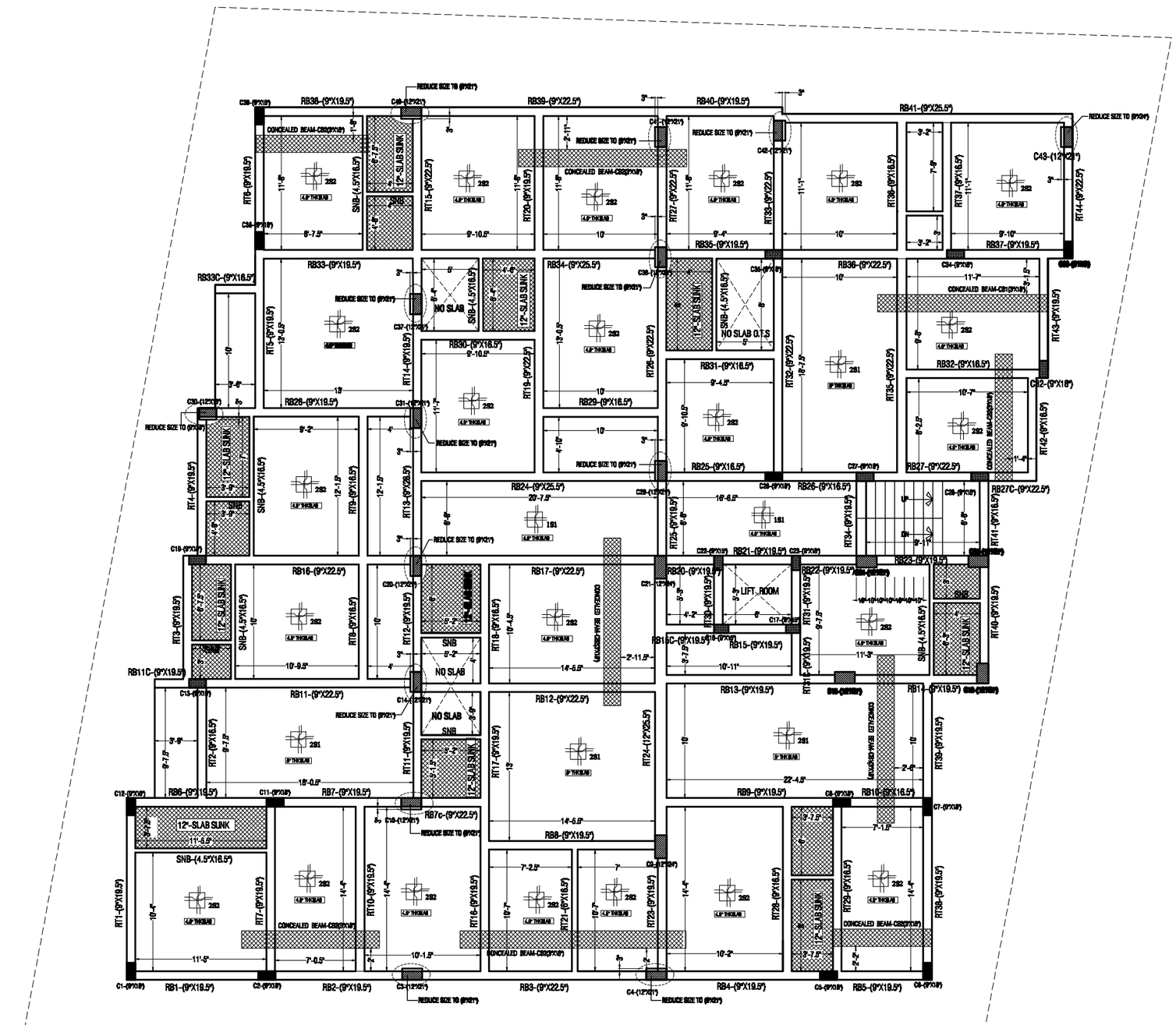
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SCHEDULE OF GROUND/STILT FLOOR SLAB.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

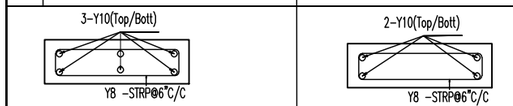
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REINFORCEMENT DETAILS OF PLINTH BEAMS.

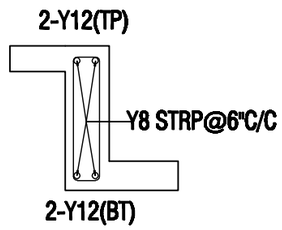
REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

SLAB REINFORCEMENT		
2S1	TWO WAY SLAB REINFORCEMENT	Y10–@6"C/C along short direction. Y8–@8"C/C along long direction.
2S2	TWO WAY SLAB REINFORCEMENT	Y8–@6"C/C along short direction. Y8–@8"C/C along long direction.
1S1	ONE WAY SLAB REINFORCEMENT	Y8–@6"C/C along short direction. Y8–@8"C/C along long direction.



CB1–(3"X18") | CB2–(3"X18")

DETAIL OF SUNKEN BEAM



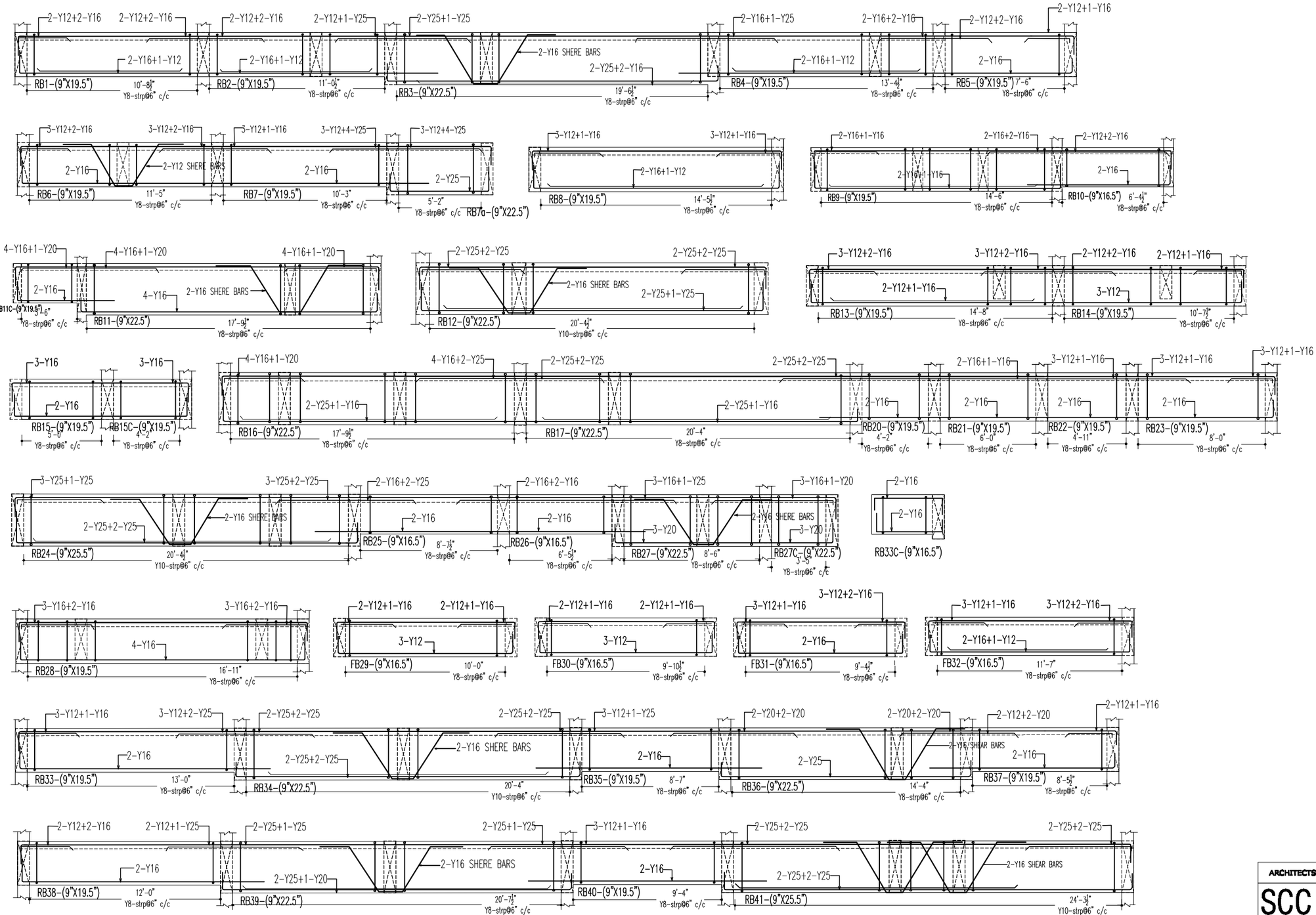
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DETAILING OF GROUND/STILT FLOOR ROOF BEAMS-(SHEET-1/2).

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

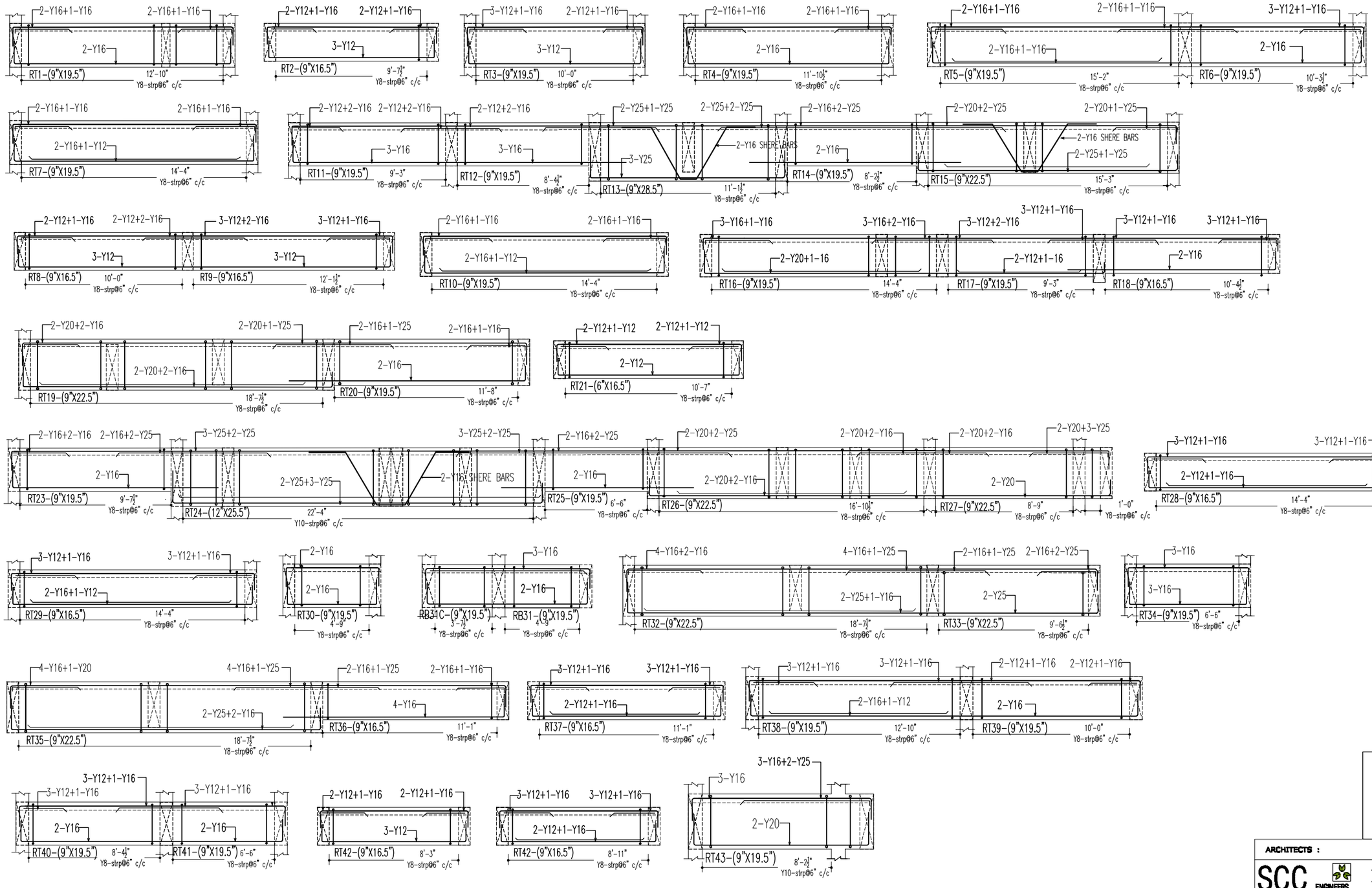
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DETAILING OF GROUND/STILT FLOOR ROOF BEAMS-(SHEET-2/2).

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

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SCHEDULE OF FIRST FLOOR SLAB.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

NOTE :

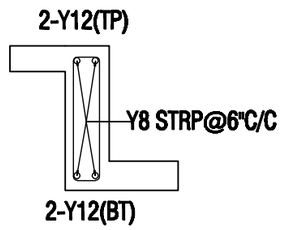
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REINFORCEMENT DETAILS OF PLINTH BEAMS.

REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

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1S1	ONE WAY SLAB REINFORCEMENT	Y8-@6"C/C along short direction. Y8-@8"C/C along long direction.
3-Y12(Top/Bott) Y8 -STRP@6"C/C		2-Y12(Top/Bott) Y8 -STRP@6"C/C
CB1-(3"X18")		CB2-(3"X18")

DETAIL OF SUNKEN BEAM



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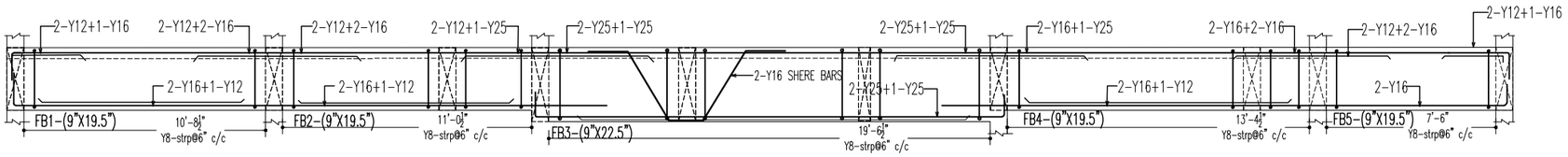
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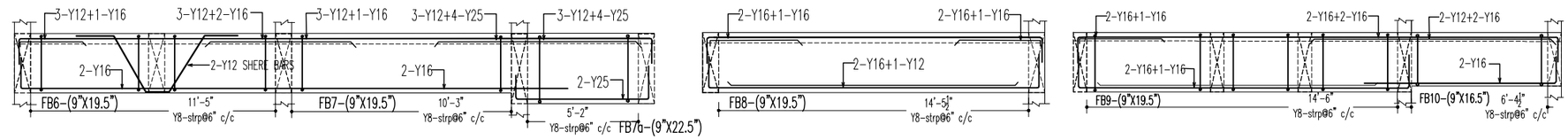
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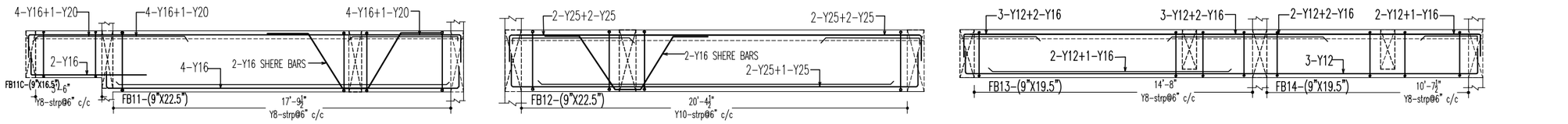
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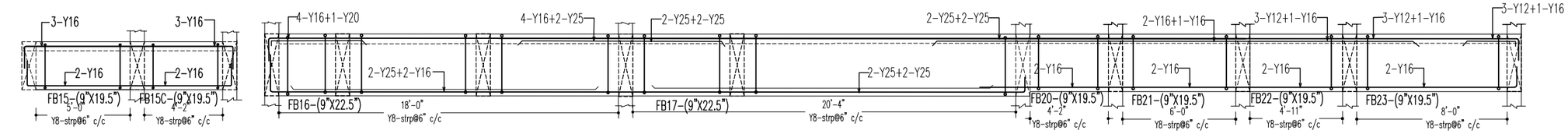
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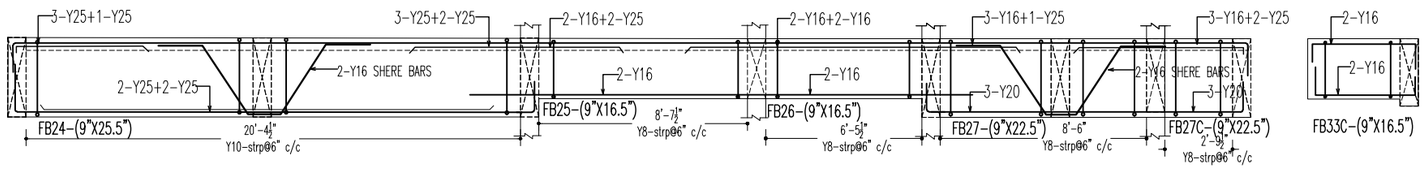
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DATE :	20-09-2025	SCALE : 1: 100

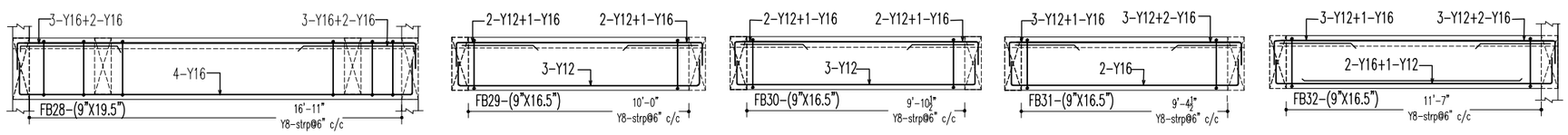


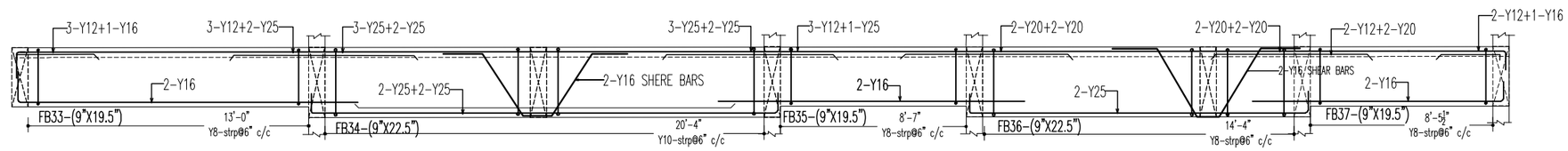


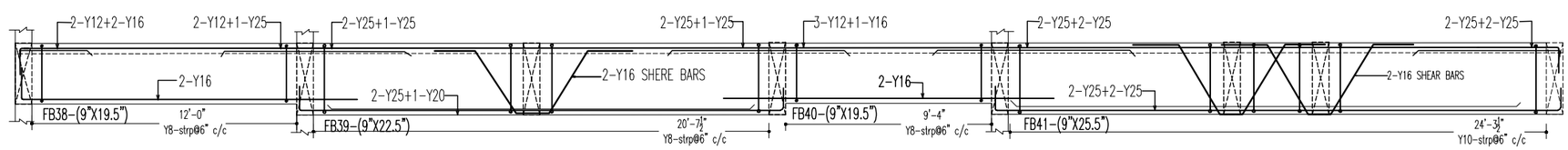












DETAILING OF FIRST FLOOR ROOF BEAMS-(SHEET-1/2).

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

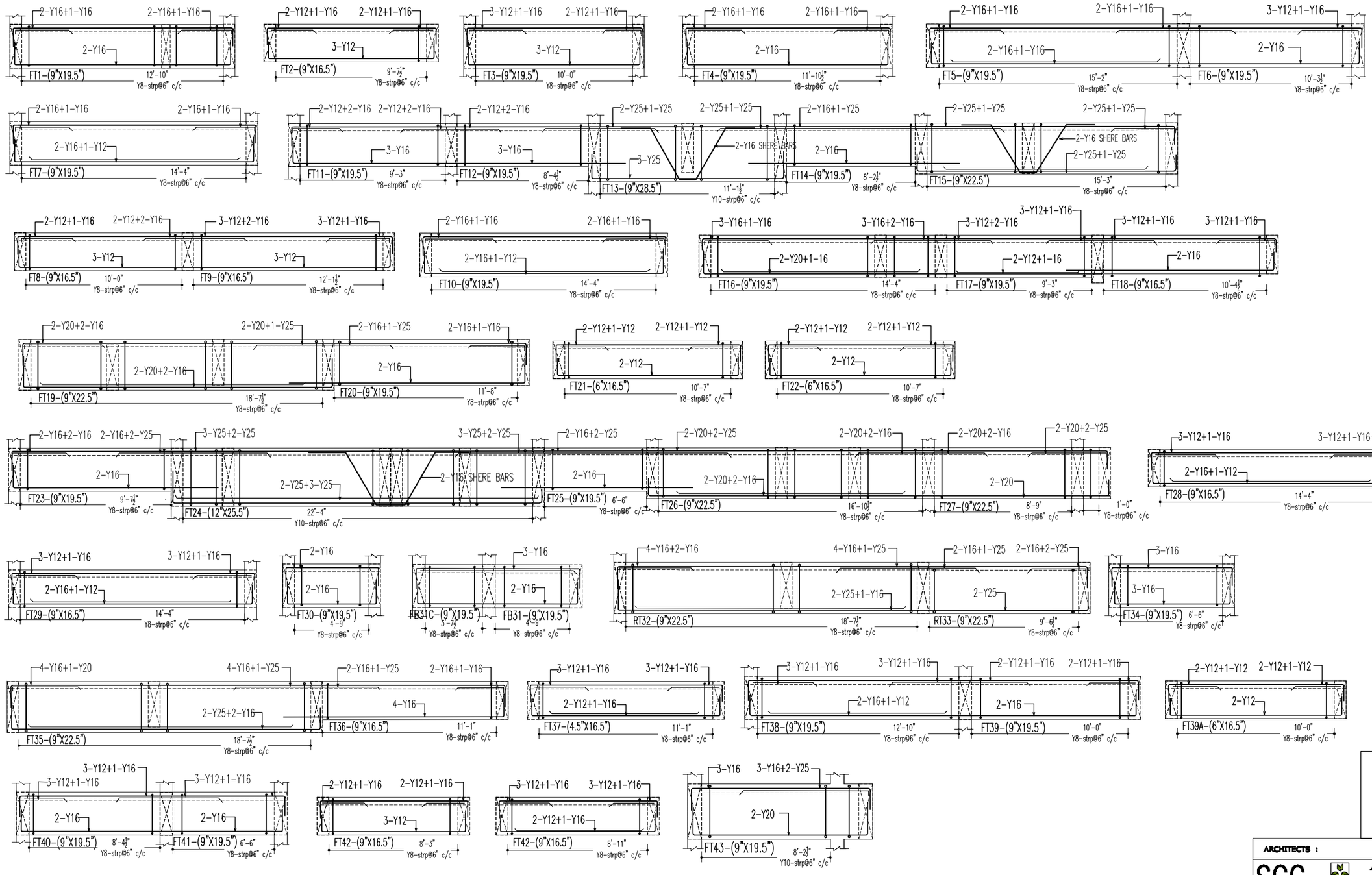
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DATE :	20-09-2025	SCALE : 1: 100



DETAILING OF FIRST FLOOR ROOF BEAMS-(SHEET-2/2).

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

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DATE :	20-09-2025	SCALE : 1: 100



SCHEDULE OF SECOND FLOOR SLAB.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

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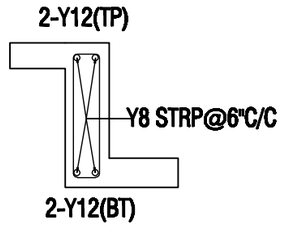
REINFORCEMENT DETAILS OF PLINTH BEAMS.

REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

SLAB REINFORCEMENT		
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2S2	TWO WAY SLAB REINFORCEMENT	Y8-@6"C/C along short direction. Y8-@8"C/C along long direction.
1S1	ONE WAY SLAB REINFORCEMENT	Y8-@6"C/C along short direction. Y8-@8"C/C along long direction.

3-Y12(Top/Bott)	2-Y12(Top/Bott)
Y8 -STRP@6"C/C	Y8 -STRP@6"C/C
CB1-(3"X18")	CB2-(3"X18")

DETAIL OF SUNKEN BEAM



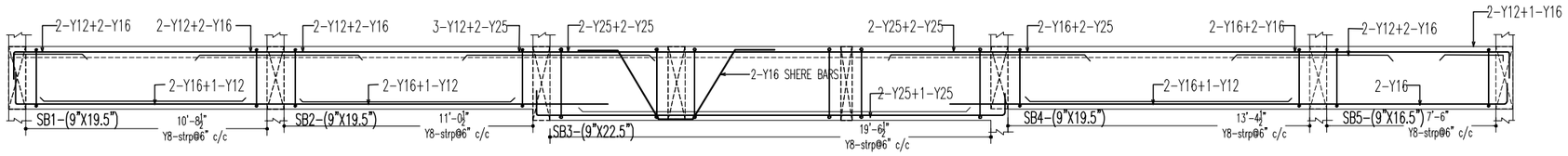
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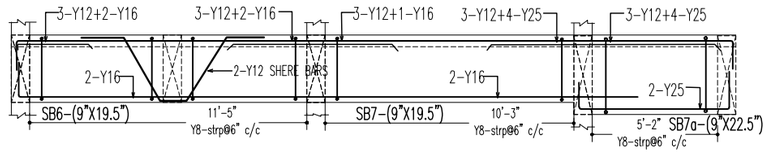
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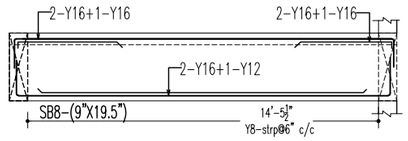
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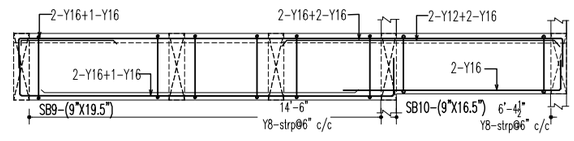
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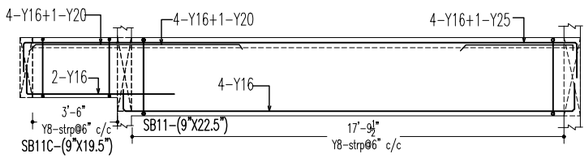
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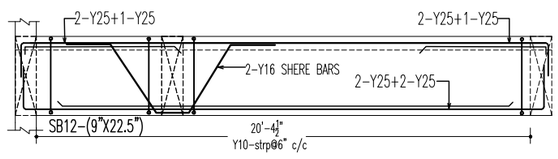


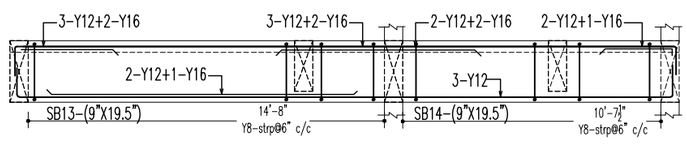


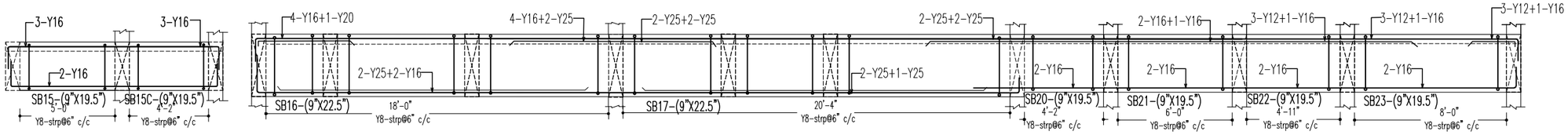


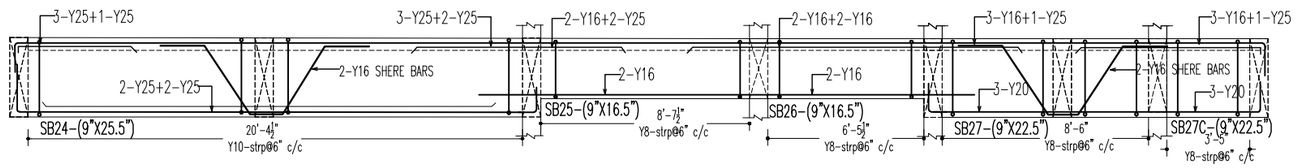


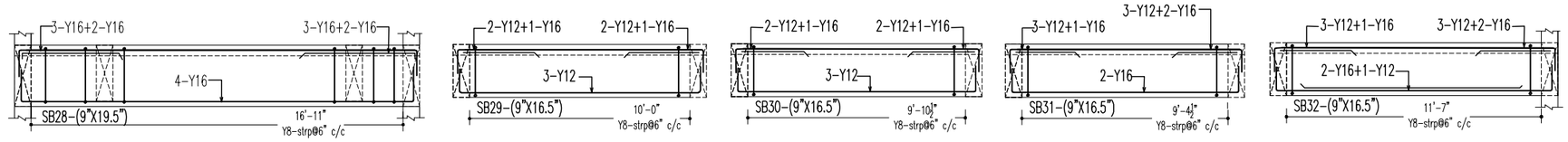


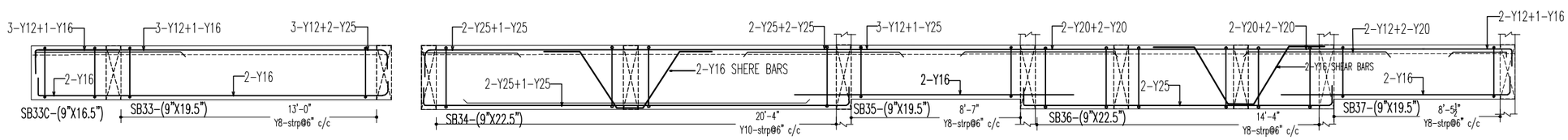


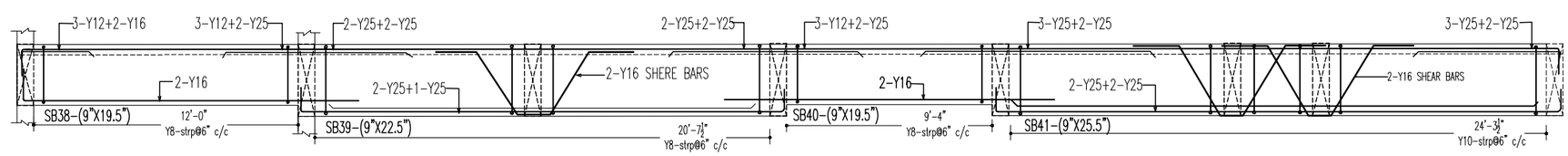












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DETAILING OF SECOND FLOOR ROOF BEAMS-(SHEET-1/2).

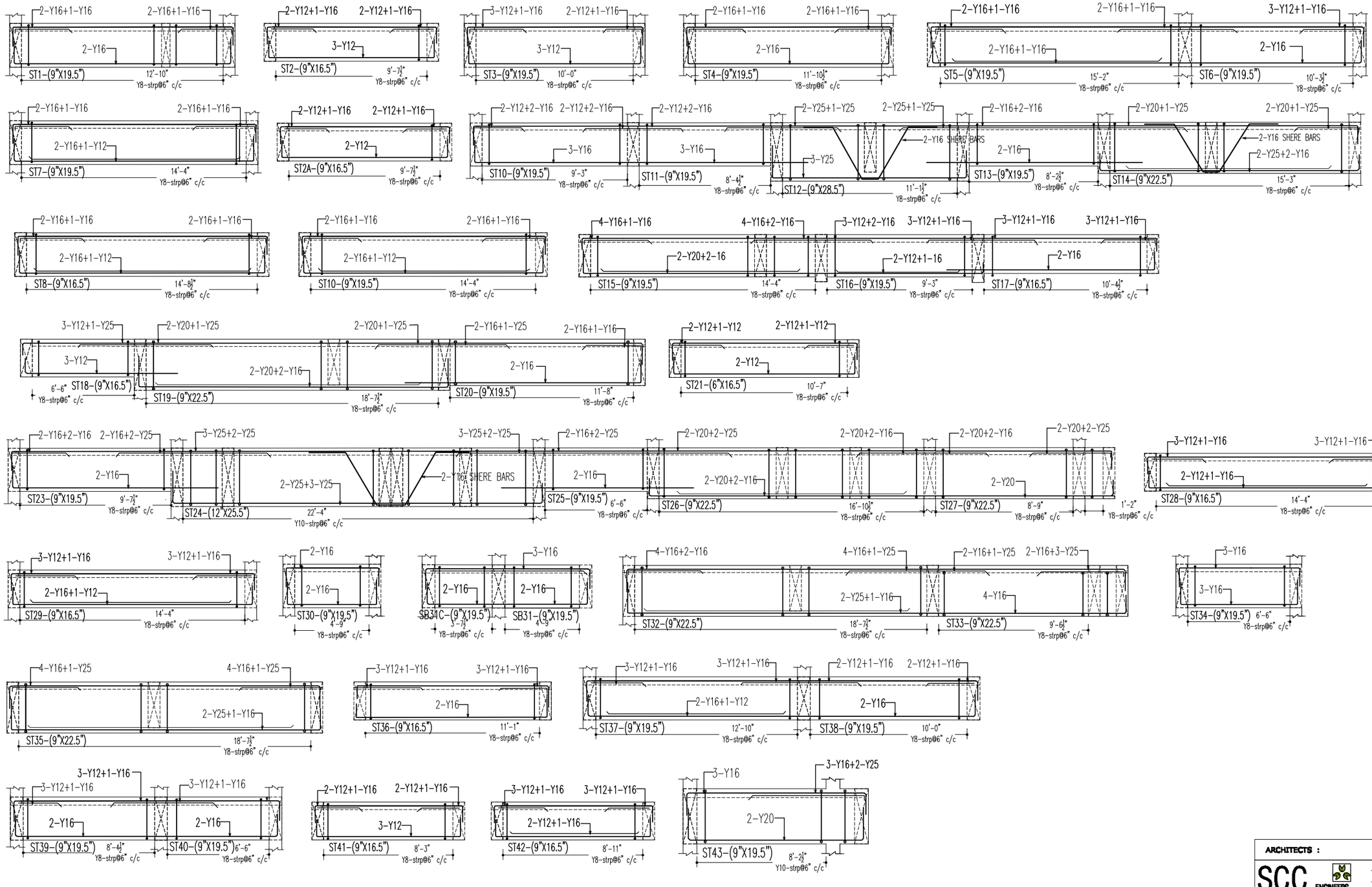
PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

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DETAILING OF SECOND FLOOR ROOF BEAMS-(SHEET-2/2).

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

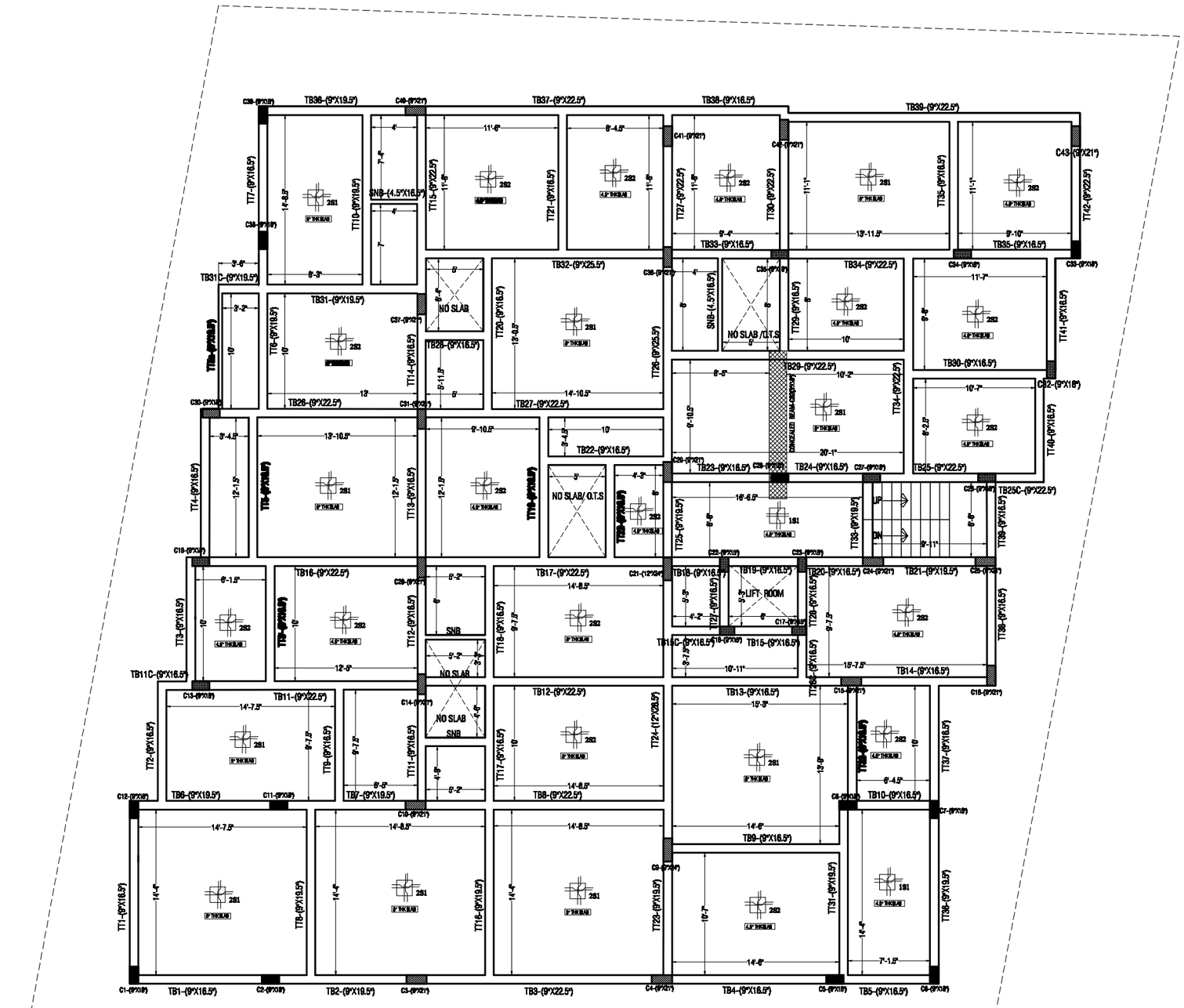
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SCHEDULE OF THIRD FLOOR SLAB.

PROPOSED PROJECT KRISHNA KUMARI (P-195) AT ZAMEEN PALLAVARAM

NOTE :

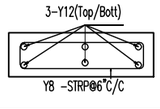
1. ALL THE DIMENSIONS ARE IN FEET AND INCHES ONLY. DO NOT MEASURE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
2. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT.
3. USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.
4. DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M^2 MINIMUM. DESIGN SBC OF SOIL IS-(30 T/M^2) AT WHICH DEPTH OF FOUNDATION IS 3.00 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.
5. FILL THE FOUNDATION PITS WITH SAND GRAVEL MIX (1:3) OR STONE DUST AND GRAVEL MIX (1:3). COMPACTING IN LAYERS OF 6" THICK EACH UPTO A DEPTH OF 12 INCHES BEFORE LAYING P.C.C.
6. LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.
7. CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.
8. ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.
9. GRADE OF CONCRETE M20 (1:1.5:3) - 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.

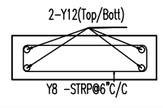
REINFORCEMENT DETAILS OF PLINTH BEAMS.

REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

SLAB REINFORCEMENT

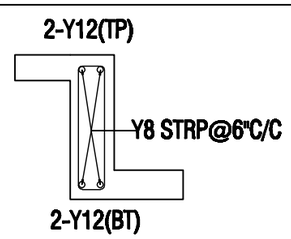
2S1	TWO WAY SLAB REINFORCEMENT	Y10-@6"C/C along short direction. Y8-@8"C/C along long direction.
2S2	TWO WAY SLAB REINFORCEMENT	Y8-@6"C/C along short direction. Y8-@8"C/C along long direction.
1S1	ONE WAY SLAB REINFORCEMENT	Y8-@6"C/C along short direction. Y8-@8"C/C along long direction.





CB1-(3"X18") CB2-(3"X18")

DETAIL OF SUNKEN BEAM



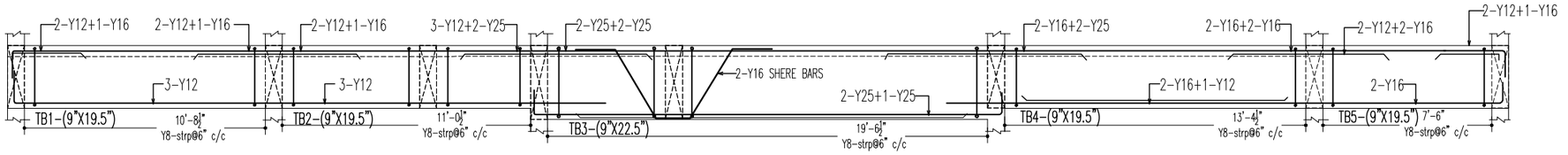
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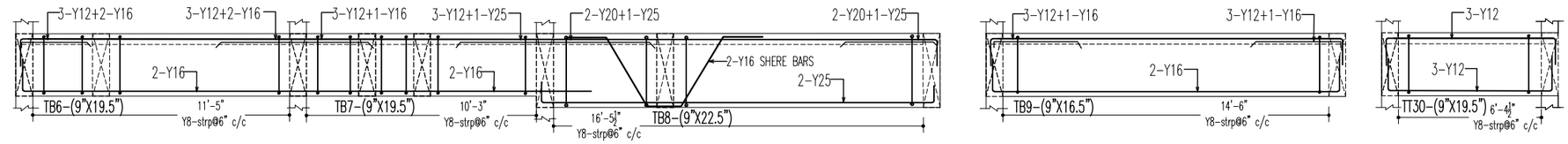
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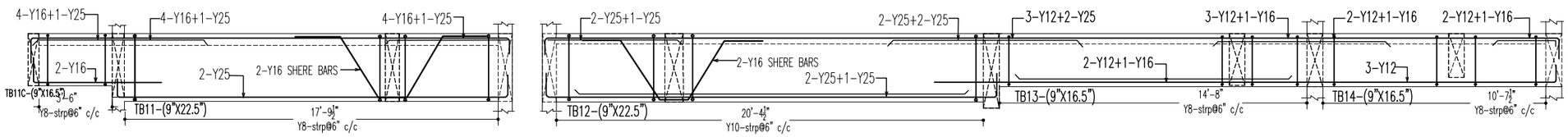
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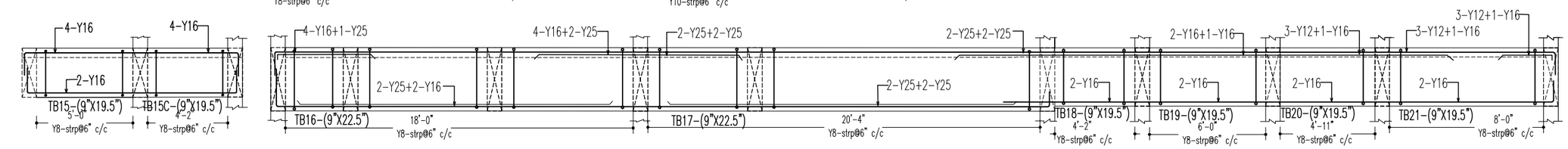
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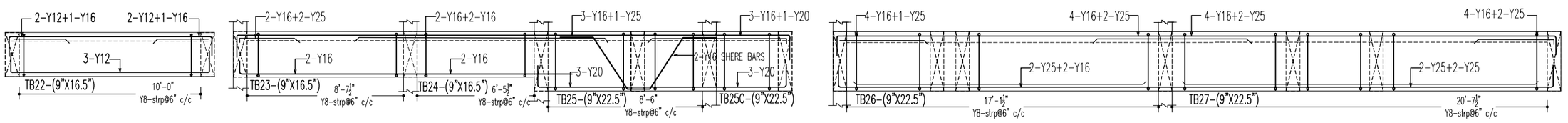
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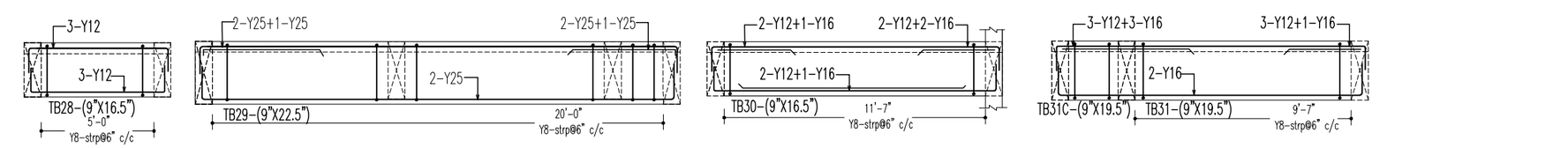


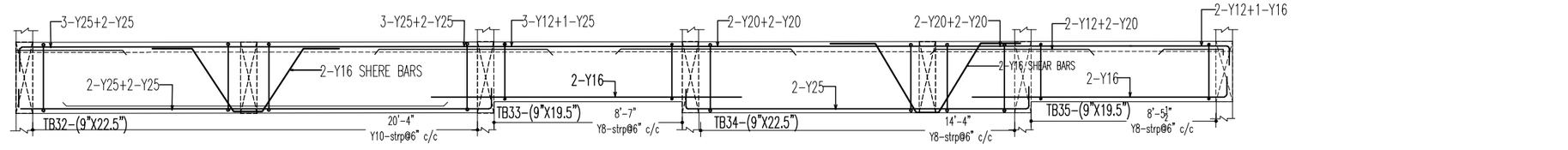


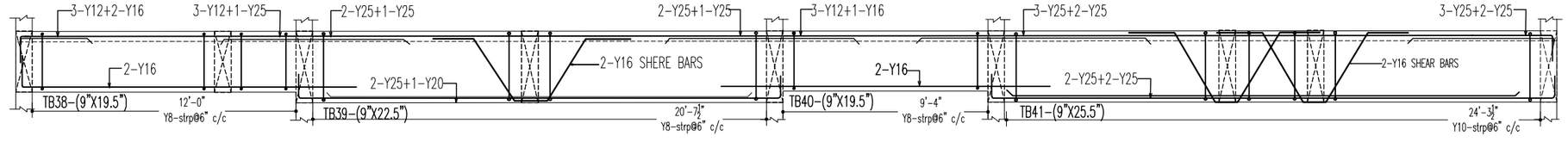


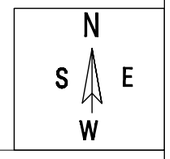












DETAILING OF THIRD FLOOR ROOF BEAMS-(SHEET-1/2).

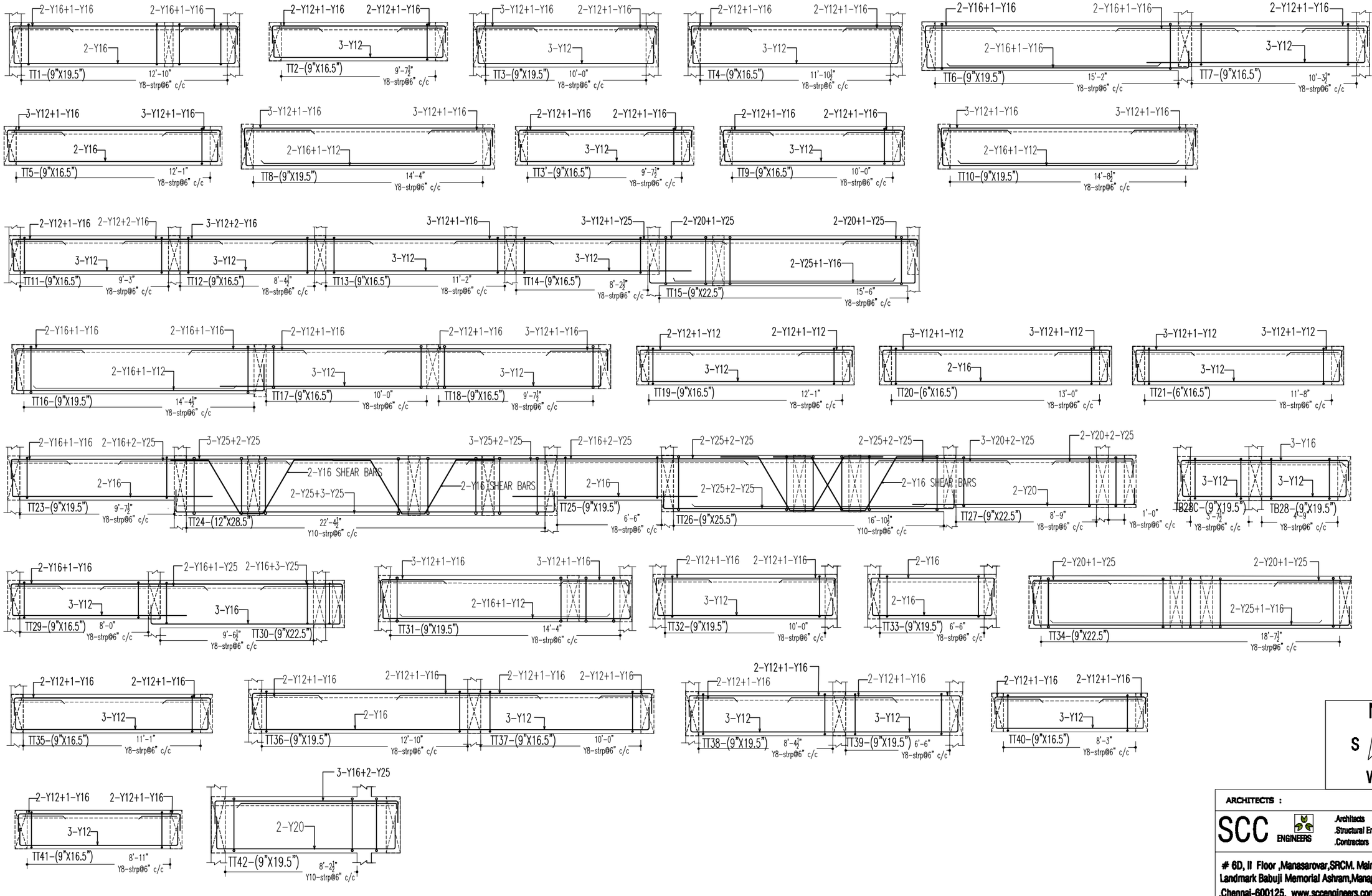
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DETAILING OF THIRD FLOOR ROOF BEAMS-(SHEET-2/2).

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THE LANDLENS SUITE

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

FREE TOOLS · NO ACCOUNT NEEDED

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

Verified RealEstate™

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

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