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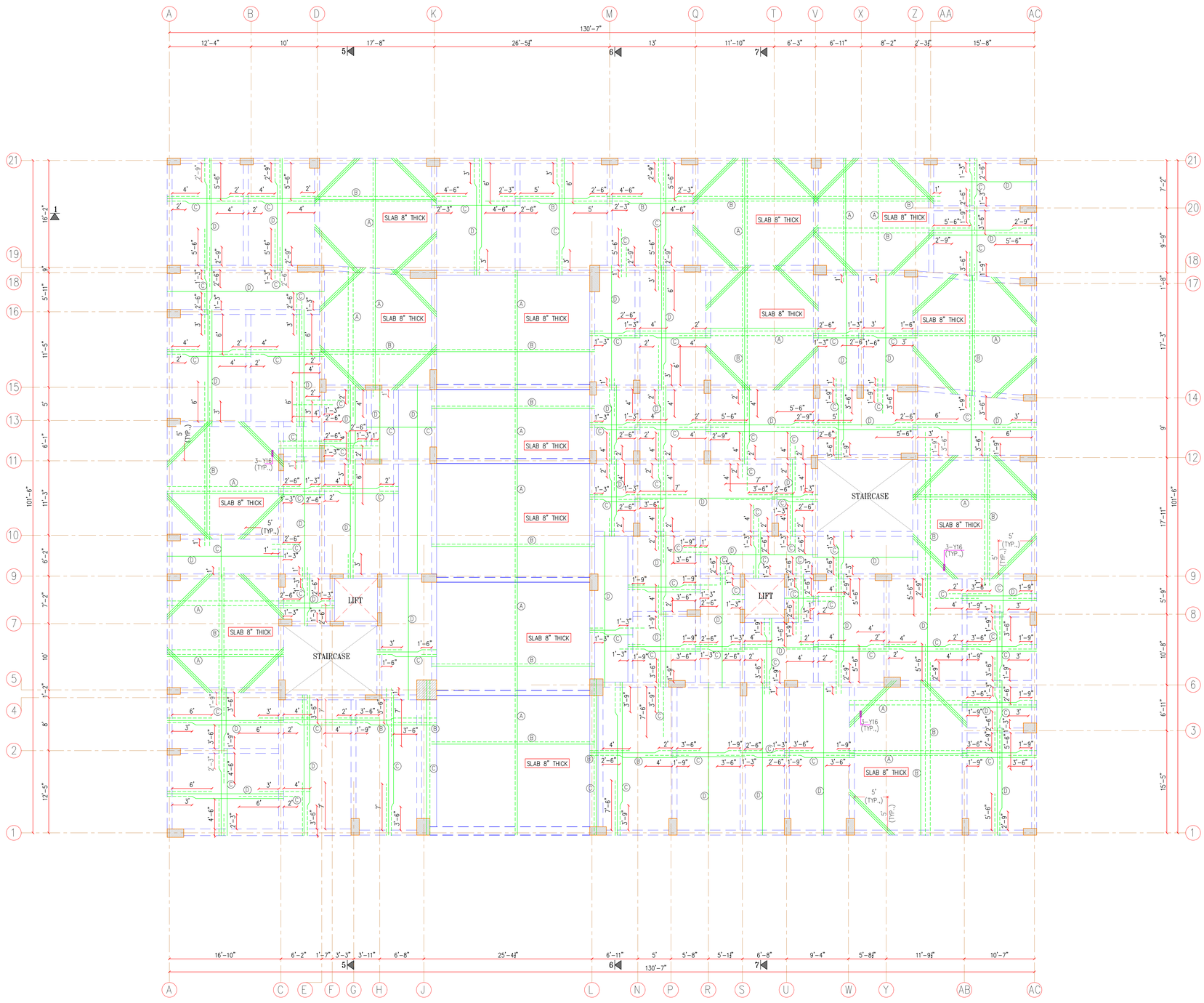
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TYPICAL FLOOR SLAB LAYOUT

LIVE LOAD SCHEDULE

DESCRIPTION	LIVE LOAD (kN/m²)
STILT FLOOR	5

SLAB DETAILS

THICKNESS 'd' (UNLESS NOTED)	
A	Y10 @ 4"C/C
B	Y10 @ 5"C/C
C	Y10 @ 6"C/C
D	Y10 @ 7"C/C

GENERAL NOTES

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3. ALL STRUCTURAL CONCRETE SHALL BE OF M25(1:1:2) GRADE CONFORMING TO IS:456.
4. ALL REINFORCEMENT(S) SHALL BE H.Y.S.D. BARS OF GRADE Fe 500 CONFORMING TO IS:1786.
5. THE CLEAR COVER FOR REINFORCEMENT SHALL BE 15" FOR SLAB AND 1" FOR BEAM & RCC WALL.
6. LAP LENGTH SHALL BE Ld FOR ALL BARS.
7. NOT MORE THAN 50% OF REINFORCEMENT SHALL BE LAPPED AT ANY PARTICULAR JUNCTION.
8. THIS DRAWING IS NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
9. ALL SLABS SHALL BE PROVIDED WITH TOP DISTRIBUTORS OF Y8 @ 8" C/C.
10. SPACER BAR TO BE PROVIDED IN BETWEEN TWO LAYERS OF REINFORCEMENT OF SAME DIA(MIN.,20mm) AT EVERY 1000 C/C.
11. THE 'SITE IN-CHARGE' SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCEMENT OF WORKS AND ANY DISCREPANCIES SHALL BE REPORTED TO THE STRUCTURAL ENGINEER BEFORE EXECUTION.

Ld FOR VARIOUS DIA OF BAR

DIA OF BAR	10ø	12ø	16ø	20ø	25ø	32ø
TENSION Ld	1'-9"	2'-0"	2'-9"	3'-3"	4'-0"	5'-3"

LEGENDS

- FULL HEIGHT COLUMN
- COLUMN TERMINATES @ FIRST FLOOR
- 15" THICK RETAINING WALL - TYPE 2
- 15" THICK RETAINING WALL - TYPE 3
- 6" THICK GRADE SLAB
- TOP REINFORCEMENT
- BOTTOM REINFORCEMENT

ABBREVIATIONS

Ld - DEVELOPMENT LENGTH

GOOD FOR CONSTRUCTION

REF.	DESCRIPTION	BY	DATE

REVISIONS

CLIENT: CUBISM Architects & Interiors.

PROJECT: Green Fields Apartment.

TITLE: Typical Floor Slab, Beam Layout & Details (1-2).

DSGN	DRWN	CHKD	APPD	DATE	SHEET	SCALE
SH	SP	SKAK	SKAK	10.03.25	A1	1"=8"

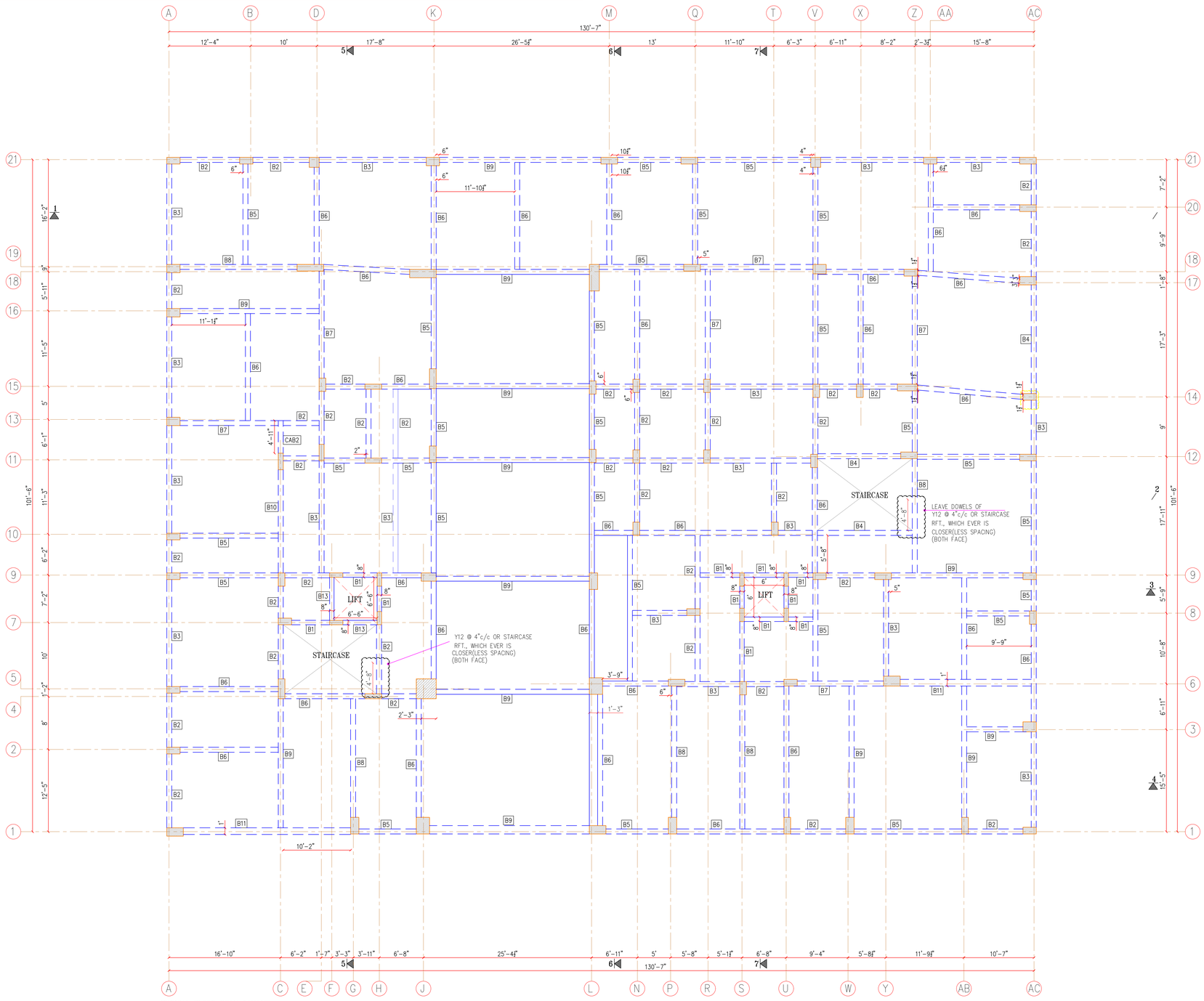
DWG. NO: C-GB-FLR-001-SL-FFL-01

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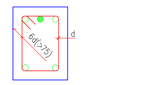
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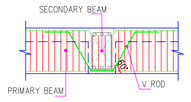
TYPICAL FLOOR BEAM LAYOUT

BEAM DETAILS

S No	Beam No	Beam Size	Section @ XX End span	Section @ YY Mid span
1	B1	6"x12"	3 – Y12 Y8 @ 6"c/c 3 – Y12	
2	B2	9"x18"	3 – Y16 Y8 @ 6"c/c 3 – Y16	
3	B3	9"x18"	3 – Y16 + 2 – Y16 (EXT) Y8 @ 5"c/c 3 – Y16	3 – Y16 Y8 @ 6"c/c 3 – Y16 + 2 – Y16 (EXT)
4	B4	9"x18"	3 – Y16 + 3 – Y16 (EXT) Y8 @ 5"c/c 3 – Y16	3 – Y16 Y8 @ 6"c/c 3 – Y16 + 3 – Y16 (EXT)
5	B5/ CAB1	9"x24"	3 – Y16 Y8 @ 6"c/c 3 – Y16	
6	B6	9"x24"	3 – Y16 + 2 – Y16 (EXT) Y8 @ 6"c/c 3 – Y16	3 – Y16 Y8 @ 7"c/c 3 – Y16 + 2 – Y16 (EXT)
7	B7	9"x24"	3 – Y16 + 3 – Y16 (EXT) Y8 @ 5"c/c 3 – Y16	3 – Y16 Y8 @ 6"c/c 3 – Y16 + 3 – Y16 (EXT)
8	B8	9"x24"	2 – Y20 + 4 – Y16 (EXT) Y8 @ 6"c/c 2 – Y20	2 – Y20 Y8 @ 7"c/c 2 – Y20 + 4 – Y16 (EXT)
9	B9	9"x24"	2 – Y20 + 4 – Y20 (EXT) Y10 @ 5"c/c 2 – Y20	2 – Y20 Y10 @ 6"c/c 2 – Y20 + 4 – Y20 (EXT)
10	B10/ CAB2	9"x24"	4 – Y20 + 2 – Y16 Y8 @ 5"c/c 2 – Y20	
11	B11	12"x24"	3 – Y25 + 3 – Y20 (EXT) Y10 @ 5"c/c 3 – Y25	3 – Y25 Y10 @ 6"c/c 3 – Y25 + 3 – Y20 (EXT)
12	B12	15"x15"	4 – Y12 Y8 @ 6"c/c 4 – Y12	
13	B13	8"x18"	3 – Y16 Y8 @ 6"c/c 3 – Y16	



TYPICAL BEAM HOOK DETAILS



TYPICAL PRIMARY SECONDARY BEAM JUNCTION DETAIL
(N.T.S)

COLUMN TERMINATION DETAILS

S No	Grid No	Termination Level
1	J–5	First Floor (Ground Floor Roof)

COLUMN ROTATION DETAILS

S No	Grid No	Rotation Level/ Degree
1	K–11 K–15 L–9 P–1 W–1 AC–14	From First Floor / BY 90°

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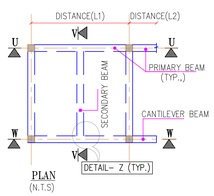
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LEGENDS

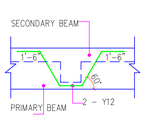
- FULL HEIGHT COLUMN
- COLUMN TERMINATES @ FIRST FLOOR

ABBREVIATIONS

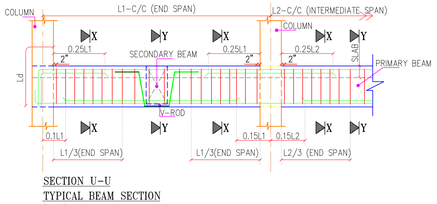
Ld – DEVELOPMENT LENGTH
CAB – CANTILEVER BEAM



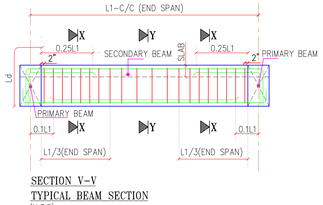
PLAN
(N.T.S)



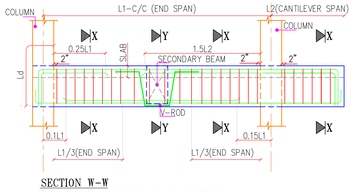
DETAIL – Z
(V–ROD DETAILS)
(N.T.S)



SECTION U–U
TYPICAL BEAM SECTION
(N.T.S)



SECTION V–V
TYPICAL BEAM SECTION
(N.T.S)



SECTION W–W
TYPICAL CANTILEVER BEAM SECTION
(N.T.S)

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TITLE:
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DWG. NO: C U B - F I L - S T - R L - 1 1 - R0

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Home Vastu Shastra, Plot Vastu Shastra, Property Management

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