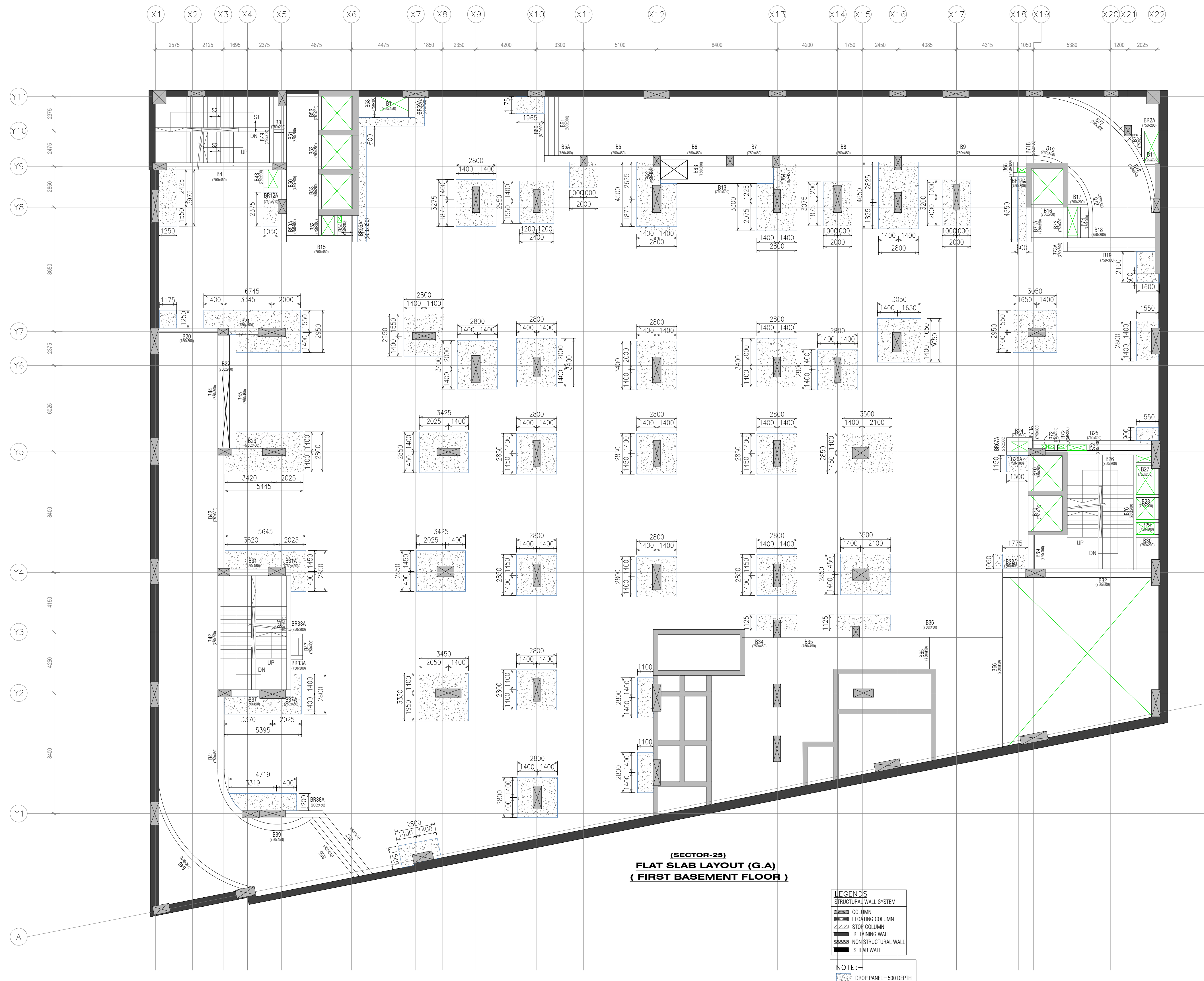




NOTES :

1. READ THIS DRG. IN CONJUNCTION WITH ARCHITECT'S DRG. , & ANY AMBIGUITY FOUND SHALL BE DISCUSSED WITH OUR OFFICE/ARCHITECT BEFORE EXECUTION.
2. DIMENSION SHALL NOT BE MEASURED/REFERRED FROM THIS DRAWING.
3. CONCRETE GRADES :

FOOTING	RAFT	RET. WL	COL.\SW.	PLINTH B.	BEAMS	SLABS
M--	M--	M--	M--	M--	M--	M--
						FE 500
YIELD STRENGTH(MIN.) N/mm ²						415 500 550
REQUIRED ACTUAL YIELD STRESS(MIN.) N/mm ²						498 600 660
MINIMUM ELONGATION %						14.5 14.5 14.5
MAXIMUM RATIO (ULTIMATE STRESS/YIELD STRENGTH)						1.25 1.25 1.25
MINIMUM RATIO (ULTIMATE STRESS/YIELD STRENGTH)						1.15 1.15 1.15

5. S.B.C. OF SOIL IS --- T/m² AS PER SOIL INVESTIGATION REPORT. (TO BE VERIFIED AT SITE)
 6. NOMINAL COVER TO MEET 2 HRS PERIOD OF FIRE RESISTANCE (MODERATE)
- | FOOTING | RAFT | RET. WL | COLUMN | LIFT PARDI | BEAMS | SLABS |
|---|------|---------|--------|------------|-------|-------|
| 50 | 50 | 30 | 40 | 30 | 30 | 25 |
| 7. WE SHALL NOT REMAIN RESPONSIBLE FOR - CONCRETE MIX, QUALITY, SHUTTERING, CURING, CONSTRUCTION MATERIAL, WORKMANSHIP, FAULTY CONSTRUCTION PROCEDURE & SAFETY OF ADJOINING STRUCTURE & THE SAFETY OF LABOUR OR ANY ACCIDENT. | | | | | | |
| 8. WHERE DEPTH OF BEAM EXCEEDS 750MM, FACE BARS TO BE PROVIDED ALONG THE TWO FACES OF BEAM & SHALL BE CONFIRMED FROM OUR OFFICE. | | | | | | |
| 9. IF FOOTINGS COMBINE, DETAILS SHALL BE CONFIRMED FROM OUR OFFICE. | | | | | | |
| 10. EXTRA TOP BARS OVER SUPPORT FOR CANTILEVER LENGTH SHALL BE DOUBLE THE LENGTH OF CANTILEVER + 230 OR CANTILEVER LENGTH - 50XD + 230 WHICHEVER IS GREATER. | | | | | | |
| 11. FOR BEAMS TOP & BOTTOM BARS TO BE ANCHORED IN END, SUPPORT MINIMUM 300. | | | | | | |
| 12. LEAVE DOWELS FROM BEAM BOTTOM FOR LOFT AND CHAJJA IF ANY | | | | | | |
| 13. DESHUTTERING PERIOD SHALL NOT BE LESS THAN SPECIFIED BELOW: | | | | | | |
| A) VERTICAL FACES OF COLUMN, BEAMS, & WALL- 16-24 HRS. | | | | | | |
| B) SLABS I) SPANNING UP-TO 4.5M. - 10 DAYS | | | | | | |
| II) SPANNING OVER 4.5M. - 14 DAYS | | | | | | |
| C) BEAMS I) SPANNING UP-TO 6.0M. - 14 DAYS + PROPS BELOW. | | | | | | |
| II) SPANNING OVER 6.0M. - 21 DAYS + PROPS BELOW. | | | | | | |
| D) CANTILEVER BEAMS - 28 DAYS | | | | | | |

14. LAP LENGTH FOR FE500: (d = BAR DIA.)

GRADE-->	M25	M30	M35	M40	M50	M60
BEAM	50d	50d	40d	40d	40d	40d
COLUMN/WALL	40d	40d	36d	36d	36d	36d

- * ALL LAPS SHOULD BE STAGGERED & COLUMN LAPS TO BE AT MID-HEIGHT OF FLOOR
15. LEGEND
- HT - TOR STEEL, Ø - MILD STEEL, S.S. - SHORT SPAN, L.S. - LONG SPAN,
A.B.BENT-ALTERNATE BARS BENT UP, RW-RETAINING WALL, PB-PLINTH BEAMS,
SW SHEAR WALL
16. HB- HIDDEN BEAM TO BE LAID AFTER SLAB IS FITTED.
17. NO SLEEVES/MEP GROOVES SHALL BE PROVIDED IN BOUNDARY ELEMENT OF SHEAR WALL.
18. SLEEVES IN BEAMS CAN BE PROVIDED AT MID HEIGHT OF BEAM AND TO BE PROVIDED IN L/5 TO L/4 ZONE(IN CO-ORDINATION WITH OUR OFFICE).
19. ALL COLUMNS/SHEAR WALL/SLAB / BEAMS ARE DESIGNED FOR LIGHT WEIGHT BLOCK WORK LOADING WITH MAXIMUM DENSITY NOT MORE THAN 8.5 kN/m³.



KEY ELEVATION

R2				
R1				
NO	DESCRIPTION	BY	CHK	DATE
GANESH	AAKASH	KIRAN		09-11-2022
DRAWN BY	DESIGNED BY	CHECKED BY		DATE

CLIENT :	M3M INDIA PVT. LTD.		
ARCHITECT :	GIAN.P.MATHUR & ASSO. PVT. LTD.		
PROJECT :	PROPOSED COMMERCIAL COMPLEX AT SECTOR 25 - GURUGRAM.		
TITLE :	FIRST BASEMENT FLOOR LAYOUT		
DRAWING NUMBER: 11926-2001-FB	REVISION R0		
DRAWING STATUS: FOR APPROVAL			

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