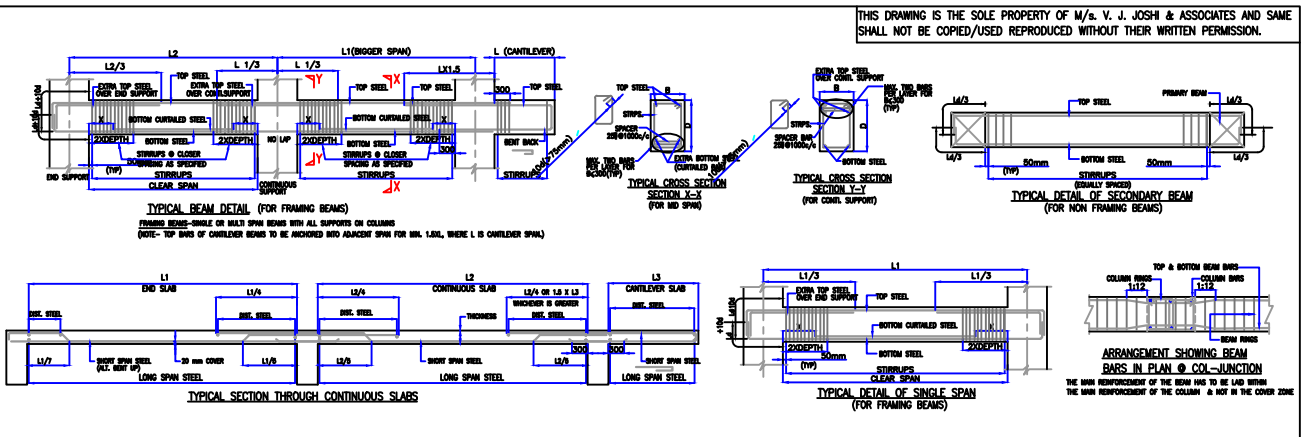


SCHEDULE OF R.C.C. SLABS				
TYPE	THICK	SHORT SPAN STEEL	LONG SPAN STEEL	REMARKS
S1	150	8 $\phi$ 150 c/c	8 $\phi$ 230 c/c	ONE WAY ALT. BENT UP
S2	450	20 $\phi$ 150 c/c (TOP) 20 $\phi$ 150 c/c (BOT.)	20 $\phi$ 150 c/c (TOP) 20 $\phi$ 150 c/c (BOT.)	TWO WAY ALL BARS STAGGERED
S3	150	8 $\phi$ 150 c/c(TOP)	8 $\phi$ 230 c/c(B&B)	CANT. SLAB ALT. BENT BACK



SCHEDULE OF BEAMS										
BEAM MKD.	SIZE BxD	LONGITUDINAL REINFORCEMENT				STIRRUPS		REMARKS		
		BOTTOM STEEL	EXTRA BOTTOM STEEL (BOT. CURTAILED MIDSPAN)	EXTRA BOTTOM STEEL (BOT. CURTAILED FROM SUPP.)	TOP STEEL	EXTRA TOP STEEL (CONT. SUPPORT)	EXTRA TOP STEEL (END SUPPORT)		FOR DISTANCE '2D' FROM SUPPORT	FOR REMAINING PORTION
B1	300 X 600	3-16 $\phi$	-	-	3-8 $\phi$	-	-	8 $\phi$ 150 c/c	8 $\phi$ 150 c/c	
B2	300 X 600	3-20 $\phi$ + 3-20 $\phi$	-	-	3-10 $\phi$	-	-	8 $\phi$ 150 c/c	8 $\phi$ 200 c/c	
B3,B4	600 X 600	5-25 $\phi$	-	-	5-25 $\phi$	4-25 $\phi$ @C2	-	10 $\phi$ 4LEGGED @ 100c/c	10 $\phi$ 4LEGGED @ 150c/c	
B5	600 X 600	6-25 $\phi$ + 6-25 $\phi$	-	-	6-16 $\phi$	-	-	10 $\phi$ 4LEGGED @ 150c/c	10 $\phi$ 4LEGGED @ 200c/c	
B6	600 X 600	6-25 $\phi$ + 3-25 $\phi$	-	-	4-25 $\phi$ + 2-16 $\phi$	4-25 $\phi$ + 4-25 $\phi$ @C4,C7	-	10 $\phi$ 6LEGGED @ 100c/c	10 $\phi$ 6LEGGED @ 150c/c	
B7	600 X 600	6-25 $\phi$	-	-	4-25 $\phi$	-	5-32 $\phi$ @C5	10 $\phi$ 4LEGGED @ 100c/c	10 $\phi$ 4LEGGED @ 150c/c	
B8	600 X 600	5-32 $\phi$ + 3-32 $\phi$	-	-	4-25 $\phi$	-	-	10 $\phi$ 4LEGGED @ 150c/c	10 $\phi$ 4LEGGED @ 200c/c	
B9,B10	600 X 600	5-25 $\phi$	-	-	4-25 $\phi$	5-32 $\phi$ @C9	-	10 $\phi$ 4LEGGED @ 150c/c	10 $\phi$ 4LEGGED @ 200c/c	
B11	600 X 600	6-25 $\phi$ + 6-25 $\phi$	-	-	6-16 $\phi$	-	-	10 $\phi$ 4LEGGED @ 150c/c	10 $\phi$ 4LEGGED @ 200c/c	
B12	600 X 600	5-25 $\phi$	-	-	3-25 $\phi$	6-25 $\phi$ @C12	-	10 $\phi$ 4LEGGED @ 150c/c	10 $\phi$ 4LEGGED @ 200c/c	
B13,B14	600 X 600	5-25 $\phi$	-	-	5-16 $\phi$	4-25 $\phi$ @C4,C7	-	8 $\phi$ 4LEGGED @ 100c/c	8 $\phi$ 4LEGGED @ 150c/c	
B15	600 X 600	6-25 $\phi$	-	-	4-25 $\phi$	4-25 $\phi$ @C8	-	8 $\phi$ 4LEGGED @ 100c/c	8 $\phi$ 4LEGGED @ 150c/c	
B16,B17	600 X 600	5-25 $\phi$ + 2-25 $\phi$	-	-	4-25 $\phi$	4-25 $\phi$ + 4-25 $\phi$ @C5	-	10 $\phi$ 6LEGGED @ 100c/c	10 $\phi$ 6LEGGED @ 150c/c	
B18	600 X 600	6-25 $\phi$ + 6-25 $\phi$	-	-	6-25 $\phi$	6-25 $\phi$ @C9	-	10 $\phi$ 6LEGGED @ 100c/c	10 $\phi$ 6LEGGED @ 150c/c	
B19,B20	600 X 600	6-25 $\phi$	-	-	5-25 $\phi$	5-25 $\phi$ @C6,C10	-	10 $\phi$ 4LEGGED @ 100c/c	10 $\phi$ 4LEGGED @ 150c/c	
B21,B22	300 X 600	3-20 $\phi$ + 2-20 $\phi$	-	-	3-8 $\phi$	-	-	8 $\phi$ 100 c/c	8 $\phi$ 150 c/c	
B23	300 X 600	3-16 $\phi$ + 1-16 $\phi$	-	-	3-8 $\phi$	-	-	8 $\phi$ 100 c/c	8 $\phi$ 150 c/c	
B24	300 X 600	3-20 $\phi$ + 1-20 $\phi$	-	-	3-8 $\phi$	-	-	8 $\phi$ 100 c/c	8 $\phi$ 150 c/c	
CB3,CB4,CB6	300 X 600	3-25 $\phi$	-	-	5-25 $\phi$	-	-	10 $\phi$ 100 c/c	10 $\phi$ 100 c/c	CANT. 3-25 $\phi$ BT. BK. TOP BARS TO BE EXTENDED UPTO 1/4 OF B3,B4,B6
CB7,CB9,CB10	300 X 600	3-32 $\phi$	-	-	5-32 $\phi$	-	-	10 $\phi$ 100 c/c	10 $\phi$ 100 c/c	CANT. 3-32 $\phi$ BT. BK. TOP BARS TO BE EXTENDED UPTO 1/4 OF B7
CB12,CB16,CB18	300 X 600	3-25 $\phi$	-	-	3-25 $\phi$ + 3-25 $\phi$	-	-	10 $\phi$ 100 c/c	10 $\phi$ 100 c/c	CANT. 3-25 $\phi$ BT. BK. TOP BARS TO BE EXTENDED UPTO 1/4 OF B12,B16,B18
CB13,CB15	300 X 600	3-25 $\phi$	-	-	3-25 $\phi$ + 1-25 $\phi$	-	-	8 $\phi$ 100 c/c	8 $\phi$ 100 c/c	CANT. 3-25 $\phi$ BT. BK. TOP BARS TO BE EXTENDED UPTO 1/4 OF B13,B15
CB19	300 X 600	3-25 $\phi$	-	-	3-25 $\phi$ + 2-25 $\phi$	-	-	10 $\phi$ 100 c/c	10 $\phi$ 100 c/c	CANT. 3-25 $\phi$ BT. BK. TOP BARS TO BE EXTENDED UPTO 1/4 OF B19
CB21	300 X 600	3-20 $\phi$	-	-	3-20 $\phi$ + 3-20 $\phi$	-	-	10 $\phi$ 100 c/c	10 $\phi$ 100 c/c	CANT. 3-20 $\phi$ BT. BK.
CB23,CB24	300 X 600	3-16 $\phi$	-	-	3-16 $\phi$ + 1-16 $\phi$	-	-	8 $\phi$ 100 c/c	8 $\phi$ 100 c/c	CANT. 3-16 $\phi$ BT. BK.

LEGEND	
U.N.O.....	UNLESS NOTED OTHERWISE
F.F.L.....	FINISHED FLOOR LEVEL
F.G.L.....	FINISHED GROUND LEVEL
E.G.L.....	EXISTING GROUND LEVEL
TYP.....	TYPICAL
T.O.C.....	TOP OF CONCRETE
B.O.B.....	BOTTOM OF BEAM
B/W.....	BOTH WAYS
C.....	CENTRE LINE
C/C.....	CENTRE TO CENTRE
SFR.....	SIDE FACE REINFORCEMENT
INV.....	INVERTED BEAM
R/S.....	REGULAR W.R.T. SUNK
Ld.....	DEVELOPMENT LENGTH
R/F.....	REINFORCEMENT STEEL
F.B.L.....	FINISHED BASEMENT LEVEL

- GENERAL NOTES**
- ALL DIMENSIONS ARE IN mm AND LEVELS IN METER. (U.N.O.)
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWINGS, SERVICE CONSULTANTS DRGS. AND CIVIL CONTRACT DOCUMENT.
  - AMBIGUITY IF ANY SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTING ENGINEER
  - ONLY 'VALID FOR CONSTRUCTION' DRG. SHALL BE USED FOR EXECUTION OF WORK.
  - OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN AS TRANSMITTED BY THIS DRAWING AND WE SHALL NOT REMAIN RESPONSIBLE FOR
    - SAFETY OF OLD STRUCTURE DURING DEMOLITION
    - SAFETY OF ANY ADJOINING BUILDING/PERSONS STAYING IN ADJOINING BUILDING/ PERSONS & PROPERTIES ON ADJOINING ROAD
    - SAFETY OF CONSTRUCTION WORKER/ANY PERSONNEL AT WORK SITE DURING CONSTRUCTION.
    - CORRECTNESS/SAFETY OF ANY TEMPORARY STRUCTURE, SCAFFOLDING, SHUTTERING, CENTREING ERECTED @ SITE AND ANY INJURY TO ANY PERSONNEL ARISING OUT OF THEIR ACCIDENTS.
    - ACCIDENT OCCURRING DUE TO PREMATURE DESHUTTERING FAULTY/SUBSTANDARD CONSTRUCTION MATERIAL OR WORKMANSHIP/FAULTY CONSTRUCTION PROCEDURE.
    - ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENTS OF BUILDING NOT DESIGN BY US.

- DESHUTTERING NOTE**
- IN NORMAL CASES WHERE ORDINARY PORTLAND CEMENT IS USED AND CANTILEVER STRUCTURE IS NOT INVOLVED THE FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS.
 

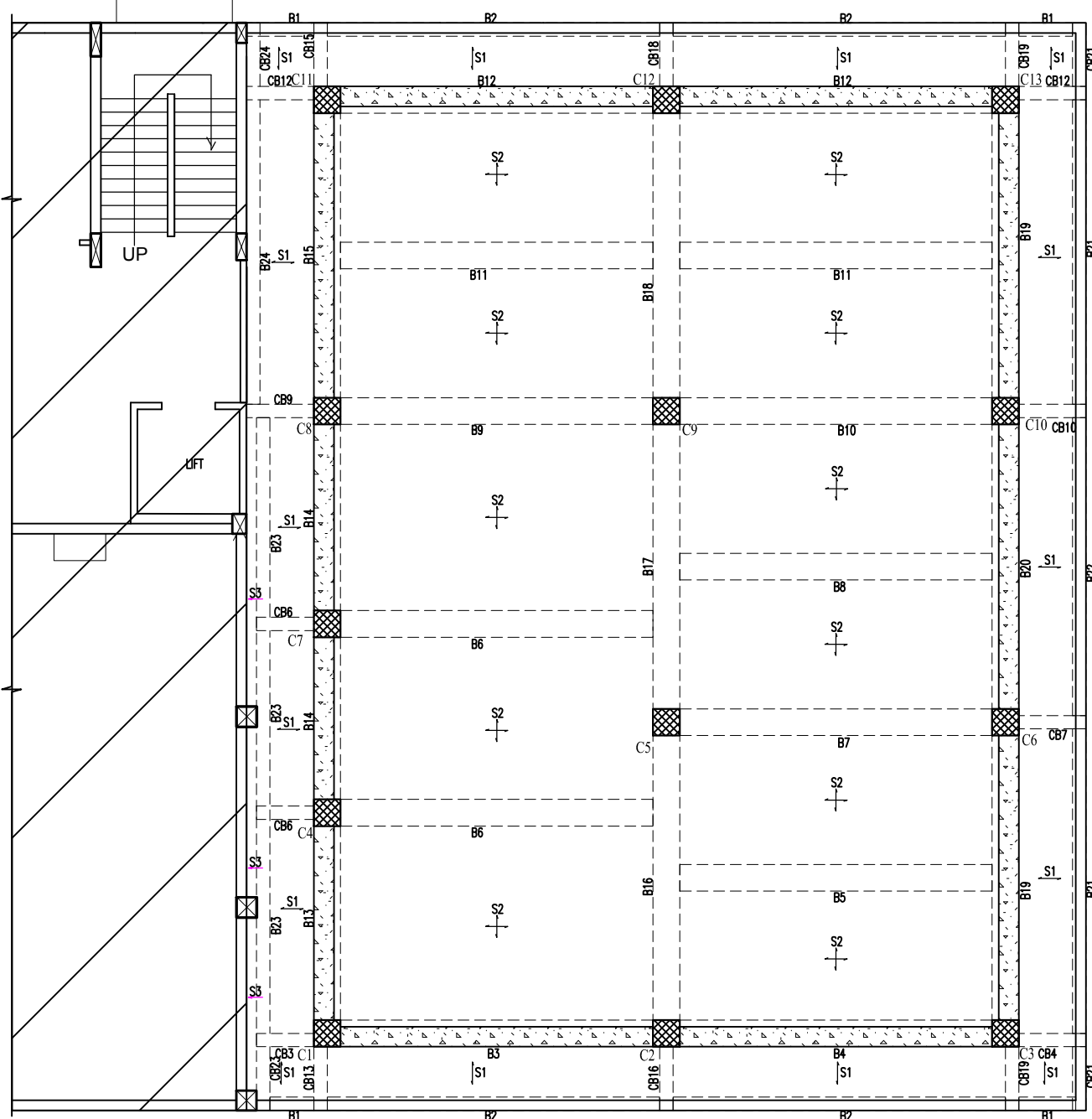
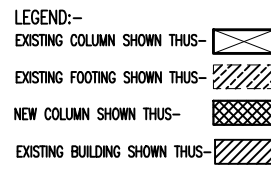
(a) SLABS SPANNING UPTO 4.5M	- 7 DAYS	OVER 4.5M - 14 DAYS
(b) BEAM SOFFITS SPAN UPTO 6.0M	- 14 DAYS	OVER 6.0M - 21 DAYS
BEAM SIDES - 48 HOURS		
(c) CANTILEVER BEAM <1000mm	- 14 DAYS	
>1000mm	- 28 DAYS	
(d) CANTILEVER SLAB <750mm	- 14 DAYS	
>750mm	- 28 DAYS	
(e) WALL / COLUMNS	- 36 HOURS	

**CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS. (U.N.O.)**

1. FOOTINGS/RAFT/PILE CAP :	BOTTOM & TOP = 50mm. SIDE = 75mm.
2. COLUMNS :	BELOW GR. = 65mm.(min) ABOVE GR. = 40mm.
3. PLINTH BEAMS :	BOTTOM & TOP = 50mm. SIDE = 50mm.
4. FLOOR BEAMS :	BOTTOM = 40mm. SIDE = 25mm.(FOR B <150mm) TOP = 25mm. SIDE = 40mm.(FOR B >150mm)
5. FLOOR SLABS :	BOTTOM = 25mm. TOP = 25mm.
6. SHEAR WALL / LIFT WALLS :	BELOW GR. = 65mm.(min) ABOVE GR. = 40mm.
7. WATER TANK :	WALL SIDE = 40mm. SLAB = 40mm.
8. STAIRCASE WAIST SLAB :	BOTTOM = 35mm. TOP = 35mm.

LAP LENGTH FOR REINF. BARS (d = DIA OF BAR)

GRADE OF CONCRETE	FOR Fe-415 STEEL	FOR Fe-500 STEEL	FOR Fe-550 D STEEL
M :20	47 d	57 d	63 d
M :25	41 d	49 d	54 d
M :30	38 d	46 d	50 d
M :35	34 d	40 d	44 d
M :40 AND ABOVE	30 d	36 d	40 d



- NOTES FOR SUPER STRUCTURE**
- SUPERIMPOSED LOAD ON FLOOR SLABS SHALL NOT EXCEED 10.0 KN/SQ.M. (UDL)
  - CONSTRUCTION JOINT IN THE FLOOR SHALL BE LOCATED AT L/3 OF SPANS FOR SLAB AND BEAMS WITH OUR PRIOR PERMISSION. NO CONSTRUCTION JOINT IS PERMISSIBLE FOR CANTILEVER OR LARGE SPAN SLAB/BEAM.
  - UPSTAND PORTION OF INVERTED BEAMS SHALL BE CONCRETED TOGETHER WITH THE RESPECTIVE FLOOR SLAB.
  - BACK PROPPING IF NECESSARY SHALL BE PROVIDED TO FLOOR SLABS AND BEAMS IN CASE OF SPECIAL CONSTRUCTION REQUIREMENTS.
  - SUNK SLAB SHOWN THUS :- TOILET (200MM SUNK) - [Symbol]
  - WALL - EXTERNAL WALLS-230mm THIK. LIGHT WEIGHT  
INTERNAL WALLS-100mm THIK LIGHT WEIGHT

**GRADE OF CONCRETE**

RCC COMPONENT	GRADE
FOOTING	-
PILES	-
PILE CAPS	-
COLUMNS	M50
SLABS & BEAMS	M50
BEAM & COLUMN JUNCTION	M50
RETAINING WALL	-
U.G.TANK	-
OVER HEAD WATER TANK	-
LIFT MACHINE ROOM	-

\* GRADE OF REINFORCEMENT STEEL (Fe :-500)

REFERENCE DRGS:-

DRAWING STATUS  
TENDER PURPOSE ONLY

DATE	REV. MKD.	MODIFIED AS PER AMENDED PLAN	REVISION PARTICULARS	DRN. BY
10-06-2023	R1	MODIFIED AS PER AMENDED PLAN		M. K. P.

**V. J. JOSHI & ASSOCIATES**  
 CONSULTING ENGINEERS  
 B-102, 1st FLOOR,  
 PRATHAMESH TOWER CHS,  
 M.M.G.S MARG,  
 NEAR KOHINOOR MILL,  
 DADAR (EAST)- 400 014  
 OFF. TELE : 2410 0079, 96191 45059  
 Mobile No. : 98692 671 12  
 E-mail : vj\_joshi123@rediffmail.com

CLIENT - STATE BANK OF INDIA  
 ARCHITECT - PARELKHAR OVALEKHAR PARPIA  
 PROJECT - PROPOSED OPENING OF SPECIAL CURRENCY ADMINISTRATION BRANCH AT DOMBEVALI INDUSTRIAL AREA

TITLE - FRAMING PLAN AT FIRST FLOOR LEVEL & DETAILS

SCALE	DATE	DRAWN BY	CHECKED BY	DRG. NO.	REV. MKD.
1:100,30	03/05/2023	M. K. P.	J. M. B.	VJJ/1065/2/23	R1