

COLUMN SCHEDULE(BLOCK-1C)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF).

11TH FLOOR TO ROOF	20-T16 + 8-T16	20-T16 + 8-T16	34-T16	48-T16 + 34-T16	34-T16	34-T16	40-T12	40-T12 + 36-T12	28-T16 + 20-T16	28-T12 + 12-T12	28-T16 + 22-T16	28-T12 + 12-T12	24-T12 + 10-T12	20-T12	20-T12 + 8-T12	16-T20 + 37-T16 + 38-T12 + 30-T12	10-T16 + 20-T16
9TH FLOOR TO 11TH FL.	20-T16 + 8-T16	20-T16 + 8-T16	34-T16	48-T16 + 34-T16	34-T16	34-T16	24-T16 + 16-T16	40-T12 + 36-T12	28-T16 + 20-T16	28-T12 + 12-T12	28-T16 + 22-T16	28-T12 + 12-T12	24-T12 + 10-T12	20-T12	20-T12 + 8-T12	16-T20 + 37-T16 + 38-T12 + 30-T12	10-T16 + 20-T16
6TH FLOOR TO 9TH FL.	20-T16 + 8-T16	20-T16 + 8-T16	20-T20 + 14-T16	48-T16 + 34-T16	20-T20 + 14-T16	20-T20 + 14-T16	24-T16 + 16-T16	40-T12 + 36-T12	28-T16 + 20-T16	28-T12 + 12-T12	28-T16 + 22-T16	28-T12 + 12-T12	24-T12 + 10-T12	20-T16	20-T12 + 8-T12	15-T25 + 37-T20 + 38-T16 + 30-T12	10-T20 + 20-T20
4TH FL TO 6TH FL.	20-T16 + 8-T16	20-T16 + 8-T16	20-T20 + 14-T16	48-T16 + 34-T16	20-T20 + 14-T16	20-T20 + 14-T16	24-T16 + 16-T16	40-T12 + 36-T12	28-T20 + 20-T16	28-T12 + 12-T12	28-T16 + 22-T16	28-T12 + 12-T12	24-T12 + 10-T12	20-T16	20-T12 + 8-T12	15-T25 + 37-T20 + 38-T16 + 30-T12	10-T20 + 20-T20
2ND FL TO 4TH FL.	20-T16 + 8-T16	20-T16 + 8-T16	20-T20 + 14-T16	48-T16 + 34-T16	20-T20 + 14-T16	20-T20 + 14-T16	24-T20 + 16-T16	40-T16 + 36-T12	28-T20 + 20-T16	28-T20 + 12-T16	28-T20 + 22-T16	28-T16 + 12-T12	24-T16 + 10-T12	20-T16	20-T16 + 8-T16	16-T25 + 37-T20 + 38-T16 + 30-T12	10-T25 + 20-T20
COLUMN SIZE FROM 2ND FLOOR TO REST	200x1200	200x1200	300x1200	200x3650	300x1200	300x1200	300x1360	200x3650	300x1725	200x1700	300x1800	200x1700	200x1500	200x950	200x1200	AS/DWG.	200x(648-1048)
FOUNDATION TO 2ND FLOOR	20-T20 + 14-T16	20-T20 + 14-T20	20-T20 + 14-T16	48-T20 + 30-T12	20-T20 + 14-T20	20-T20 + 14-T20	24-T20 + 16-T20	40-T20 + 52-T12	28-T25 + 20-T25	28-T20 + 20-T16	28-T25 + 22-T20	28-T16 + 20-T12	24-T20 + 18-T16	22-T16	20-T16 + 14-T16	16-T25 + 37-T20 + 38-T16 + 30-T12	12-T25 + 20-T20
COLUMN SIZE UPTO 2ND FLOOR	300x1200	300x1200	300x1200	300x3650	300x1200	300x1200	300x1360	300x3650	300x1725	300x1700	300x1800	300x1700	300x1500	300x950	300x1200	AS/DWG.	300x(648-1048)
COLUMN MARKED	1C-1C	1C-2C, 1C-3C	1C-4C	1C-5C	1C-6C	1C-7C	1C-8C	1C-9C	1C-10C	1C-11C	1C-12C	1C-13C	1C-14C	1C-15C	1C-16C	1C-17C	1C-18C

COLUMN SCHEDULE(BLOCK-1C)

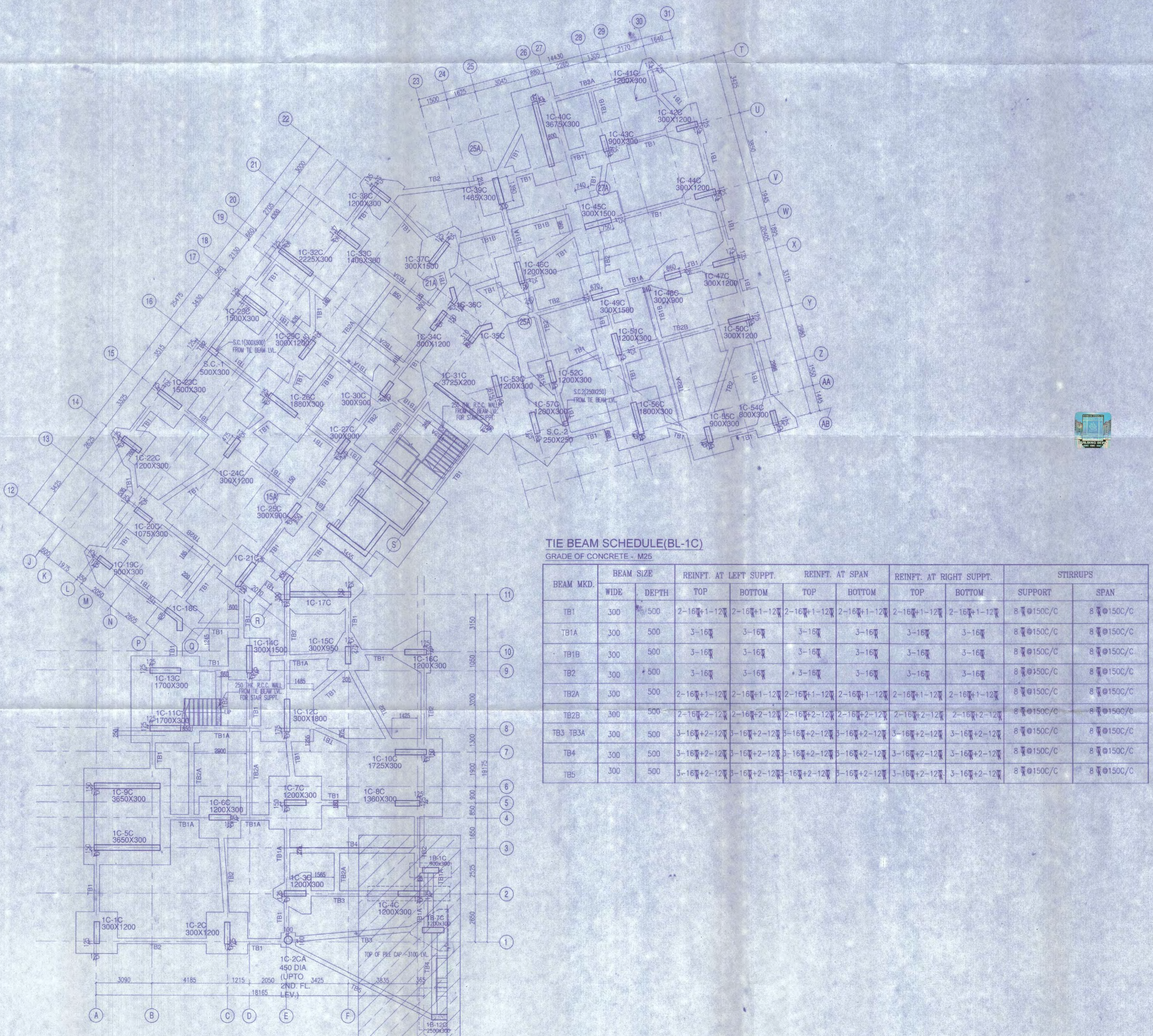
GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF).

11TH FLOOR TO ROOF	18-T16	24-T12	10-T16 + 22-T16	18-T12 + 10-T12	10-T16 + 10-T12	15-T16	22-T12 + 10-T12	18-T12 + 10-T12	22-T12 + 10-T12	18-T12 + 10-T12	18-T16	36-T12 + 36-T12	36-T12 + 10-T12	22-T12 + 8-T12	22-T12 + 8-T12	40-T12 + 38-T12	18-T12 + 10-T12
9TH FLOOR TO 11TH FL.	18-T16	24-T12	10-T16 + 22-T16	18-T12 + 10-T12	10-T16 + 10-T12	15-T16	22-T12 + 10-T12	18-T12 + 10-T12	22-T12 + 10-T12	18-T12 + 10-T12	18-T16	36-T12 + 36-T12	36-T12 + 10-T12	22-T12 + 8-T12	22-T12 + 8-T12	40-T12 + 38-T12	18-T12 + 10-T12
6TH FLOOR TO 9TH FL.	18-T16	24-T12	10-T16 + 22-T16	18-T16 + 10-T16	10-T20 + 10-T16	15-T16	22-T16 + 10-T12	18-T16 + 10-T12	22-T12 + 10-T12	18-T12 + 10-T12	18-T16	36-T12 + 36-T12	36-T12 + 10-T12	22-T16 + 8-T12	22-T16 + 8-T16	40-T12 + 38-T12	18-T16 + 10-T16
4TH FL TO 6TH FL.	18-T16	24-T12	10-T20 + 22-T16	18-T16 + 10-T16	10-T20 + 10-T16	15-T16	22-T16 + 10-T12	18-T16 + 10-T12	22-T12 + 10-T12	18-T16 + 10-T16	18-T16	36-T12 + 36-T12	36-T12 + 10-T12	22-T16 + 8-T12	22-T16 + 8-T16	40-T12 + 38-T12	18-T16 + 10-T16
2ND FL TO 4TH FL.	18-T20	24-T12	10-T20 + 22-T16	18-T16 + 10-T16	10-T25 + 10-T20	15-T25	22-T16 + 10-T12	18-T16 + 10-T12	22-T16 + 10-T12	18-T16 + 10-T16	18-T16	36-T16 + 36-T12	36-T16 + 10-T12	22-T16 + 8-T12	22-T20 + 8-T16	40-T16 + 38-T16	18-T20 + 10-T16
COLUMN SIZE FROM 2ND FLOOR TO REST	200x900	300x1075	AS/DWG.	200x1200	AS/DWG.	AS/DWG.	200x1500	200x1200	200x1500	200x1200	200x900	200x3725	200x2225	200x1400	200x1465	200x3675	200x1200
FOUNDATION TO 2ND FLOOR	20-T20	24-T12	10-T25 + 22-T20	20-T16 + 14-T16	12-T25 + 14-T20	17-T25	24-T20 + 18-T12	20-T20 + 14-T12	24-T20 + 18-T12	20-T20 + 14-T20	20-T16	38-T25 + 52-T16	36-T20 + 26-T12	24-T20 + 16-T12	24-T20 + 16-T16	44-T25 + 54-T16	20-T20 + 14-T16
COLUMN SIZE UPTO 2ND FLOOR	300x900	300x1075	AS/DWG.	300x1200	AS/DWG.	AS/DWG.	300x1500	300x1200	300x1500	300x1200	300x900	200x3725	300x2225	300x1400	300x1465	300x3675	300x1200
COLUMN MARKED	1C-19C	1C-20C	1C-21C	1C-22C, 1C-34C	1C-35C	1C-36C	1C-37C	1C-38C	1C-28C	1C-29C	1C-30C	1C-31C	1C-32C	1C-33C	1C-39C	1C-40C	1C-41C

COLUMN SCHEDULE(BLOCK-1C)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF).

11TH FLOOR TO ROOF	18-T12 + 10-T12	4-T12 + 14-T12	18-T12 + 14-T12	22-T12 + 8-T12	18-T12 + 10-T12	18-T12 + 10-T12	8-T12 + 8-T12	18-T12 + 8-T12	20-T12 + 8-T12	20-T12 + 10-T12	18-T12 + 8-T12	14-T12 + 12-T12	14-T12	18-T12	28-T12 + 22-T12	18-T12 + 10-T12	---
9TH FLOOR TO 11TH FL.	18-T12 + 10-T12	4-T12 + 14-T12	18-T12 + 14-T12	22-T12 + 8-T12	18-T12 + 10-T12	18-T12 + 10-T12	8-T12 + 8-T12	18-T12 + 8-T12	20-T12 + 8-T12	20-T12 + 10-T12	18-T12 + 8-T12	14-T12 + 12-T12	14-T12	18-T12	28-T12 + 22-T12	18-T12 + 10-T12	---
6TH FLOOR TO 9TH FL.	18-T12 + 10-T12	4-T12 + 14-T12	18-T12 + 14-T12	22-T12 + 8-T12	18-T12 + 10-T12	18-T12 + 10-T12	8-T12 + 8-T12	18-T12 + 8-T12	20-T12 + 8-T12	20-T12 + 10-T12	18-T12 + 8-T12	14-T12 + 12-T12	14-T16	18-T16	28-T12 + 22-T12	18-T12 + 10-T12	---
4TH FL TO 6TH FL.	18-T16 + 10-T16	4-T16 + 14-T16	18-T12 + 14-T12	22-T12 + 8-T12	18-T12 + 10-T12	18-T12 + 10-T12	8-T16 + 8-T16	18-T12 + 8-T12	20-T12 + 8-T12	20-T12 + 10-T12	18-T12 + 8-T12	14-T12 + 12-T12	14-T16	18-T16	28-T16 + 22-T16	18-T16 + 10-T16	---
2ND FL TO 4TH FL.	18-T20 + 10-T16	4-T20 + 14-T16	18-T16 + 14-T12	22-T16 + 8-T12	18-T16 + 10-T16	18-T12 + 10-T12	8-T16 + 8-T16	18-T16 + 8-T12	20-T16 + 8-T12	20-T16 + 10-T16	18-T16 + 8-T12	14-T16 + 12-T16	8-T20 + 6-T20	18-T16	28-T16 + 22-T16	18-T16 + 10-T16	---
COLUMN SIZE FROM 2ND FLOOR TO REST	200x1200	200x900	200x1200	200x1500	200x1200	200x1200	200x900	200x1500	300x1200	300x1200	200x1200	200x1200	200x800	200x900	300x1800	200x1200	---
FOUNDATION TO 2ND FLOOR	20-T20 + 14-T16	6-T25 + 14-T20	20-T20 + 14-T12	24-T20 + 16-T12	20-T20 + 14-T20	20-T16 + 14-T12	10-T20 + 10-T16	20-T20 + 14-T12	20-T20 + 14-T12	20-T20 + 14-T20	20-T16 + 14-T12	16-T20 + 16-T16	10-T25 + 10-T20	20-T16	28-T20 + 22-T20	20-T20 + 14-T20	6-T20
COLUMN SIZE UPTO 2ND FLOOR	300x1200	300x900	300x1200	300x1500	300x1200	300x1200	300x900	300x1500	300x1200	300x1200	300x1200	300x1200	300x800	300x900	300x1800	300x1200	450 DIA
COLUMN MARKED	1C-42C	1C-43C	1C-44C	1C-45C	1C-46C	1C-47C	1C-48C	1C-49C	1C-50C	1C-51C	1C-52C	1C-53C	1C-54C	1C-55C	1C-56C	1C-57C	1C-2CA



TIE BEAM SCHEDULE(BL-1C)

GRADE OF CONCRETE - M25

BEAM MKD.	BEAM SIZE	REINFT. AT LEFT SUPPT.		REINFT. AT SPAN		REINFT. AT RIGHT SUPPT.		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
TB1	300 x 500	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB1A	300 x 500	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB1B	300 x 500	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB2	300 x 500	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB2A	300 x 500	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 1-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB2B	300 x 500	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	2-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB3, TB3A	300 x 500	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB4	300 x 500	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C
TB5	300 x 500	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	3-16 $\bar{\bar{}}$ + 2-12 $\bar{\bar{}}$	8 $\bar{\bar{}}$ @ 150C/C	8 $\bar{\bar{}}$ @ 150C/C

- NOTES-
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
 2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 3. ALL GRADE OF CONCRETE AS/SCHEDULE.
 4. ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
 5. FOR STEEL GRADE Fe 500 AS PER IS 1786-1979.
 6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
 7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 8. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
- | MEMBER | TOP | BOTTOM | SIDE |
|---------------------------|-----|--------|------|
| a. FOUNDATION BEAM & SLAB | 50 | 50 | 50 |
| b. COLUMN | 50 | 50 | 40 |
| c. FLOOR BEAM | 50 | 30 | 30 |
| d. TIE BEAM | 50 | 30 | 30 |
| e. FLOOR SLAB | 25 | 25 | 25 |

SIGNATURE OF OWNER

SANJIV J. PAREKH
 ALL INDIA REGISTERED CIVIL ENGINEER
 R.C. No. 1841