

- NOTES:-**
1. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE MENTIONED.
 2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
 3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
 5. ALL GRADE OF CONCRETE M25
 6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
 7. FOR STEEL GRADE Fe 500 AS PER IS 1786-1979.
 8. ALL DISTRIBUTION BARS ARE 8@250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
 9. ALL CHAIRS ARE 10@ AND TO BE PROVIDED WHEREVER REQUIRED.
 10. ALL SPACER BARS ARE 25@900 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
 11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
 12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN			40
c. FLOOR BEAM.	30	30	30
d. TIE BEAM.	30	30	30
e. FLOOR SLAB.	20	20	20
 14. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

REINFORCEMENT DETAILS

SLAB SCHEDULE FOR RESIDENTIAL
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	100	8TOR@400/C	8TOR@400/C
S2	100	8TOR@200/C	8TOR@400/C
S4	100	8TOR@150/C	8TOR@200/C
S5	100	8TOR@200/C	8TOR@200/C
S6	150	10TOR@300/C	8TOR@300/C

SLAB SCHEDULE FOR COMMERCIAL
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S3	150	8TOR@200/C	8TOR@200/C
S6	150	8TOR@300/C	8TOR@400/C
S7	175	10TOR@300/C	10TOR@300/C
S8	150	8TOR@400/C	8TOR@400/C
S9	150	8TOR@150/C	8TOR@400/C

SIGNATURE OF ARCHITECT
Rajkumar Agarwal
Architect
Member of Council of Architecture Ch/194/17940

SIGNATURE OF ARCHITECT
Rajkumar Agarwal
Architect
Member of Council of Architecture Ch/194/17940

SIGNATURE OF ARCHITECT
Rajkumar Agarwal
Architect
Member of Council of Architecture Ch/194/17940

PROJECT
REVISED G-VII (24.0 MT. HT.) STORIED RESIDENTIAL COMPLEX UNDER B.P. NOS. B-3/RB/D8(A)/14-15 DATED 21.06.2014 UNDER L.R. DAG NO. 301 CORRESPONDING TO R.S. DAG NO.-192, R.S. KHATIAN NO.-565, MOUZA-CHANDERNAGORE, MANKUNDU STATION ROAD (AT SAMBHU MORE), WITHIN THE MUNICIPAL LIMITS OF THE CHANDERNAGORE MUNICIPALITY CORPORATION, P.S. CHANDERNAGORE, DIST.-HOOGHLY (W.B.) HOLDING NO-269, WARD NO-21

TITLE
CORPORATION DRAWING [BLOCK - I]

ARCHITECTS
RAJ AGARWAL & ASSOCIATES
8B, ROYD STREET,
KOLKATA - 16

STRUCTURAL ENGINEERS
S.P.A. CONSULTANTS
34, RAM MOHAN DATTA ROAD
CALCUTTA - 700020
PH. NO. 2465-5448/5449/2475-7814 (TELE FAX)
E-mail: spa_consultants@yahoo.co.in

CHECKED BY
Debkumar

DATE
29.05.18

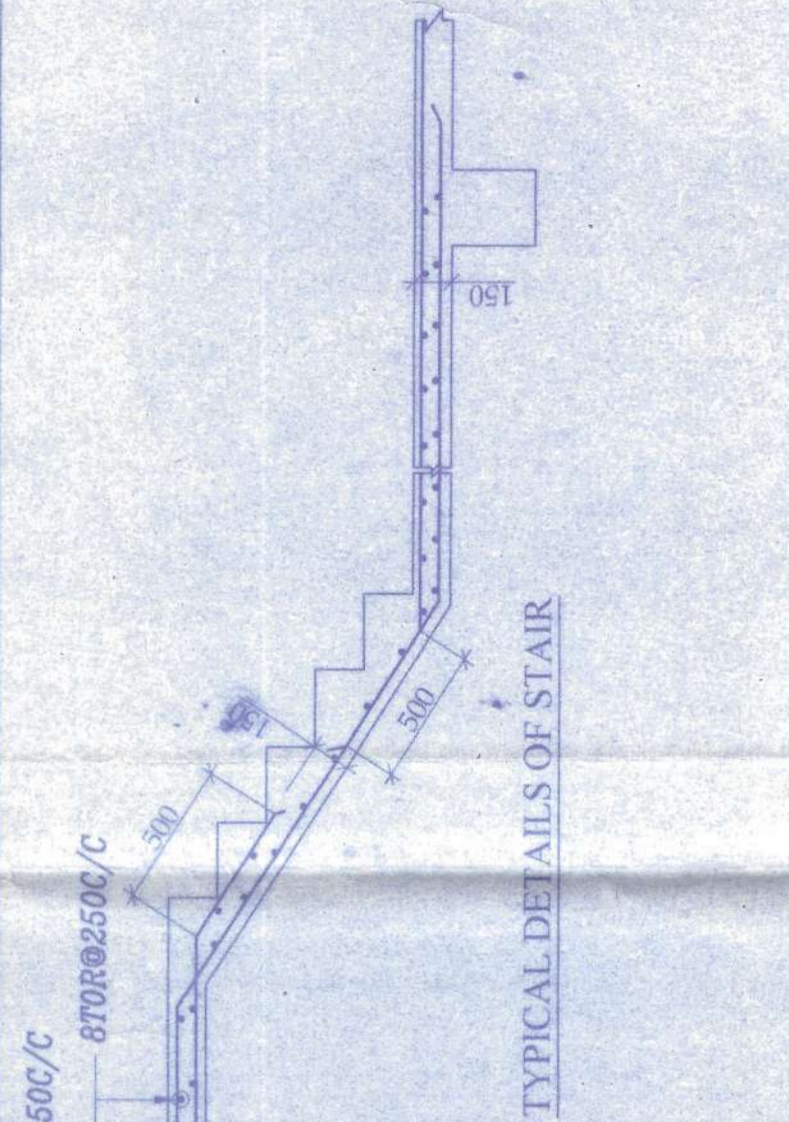
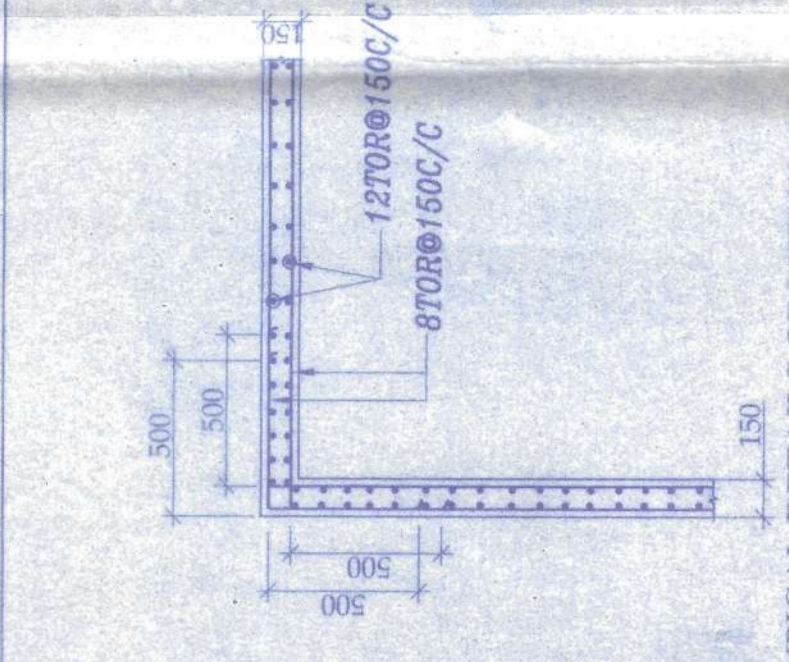
SCALE
1:100/25

JOB NO.
2014

RAJ
34

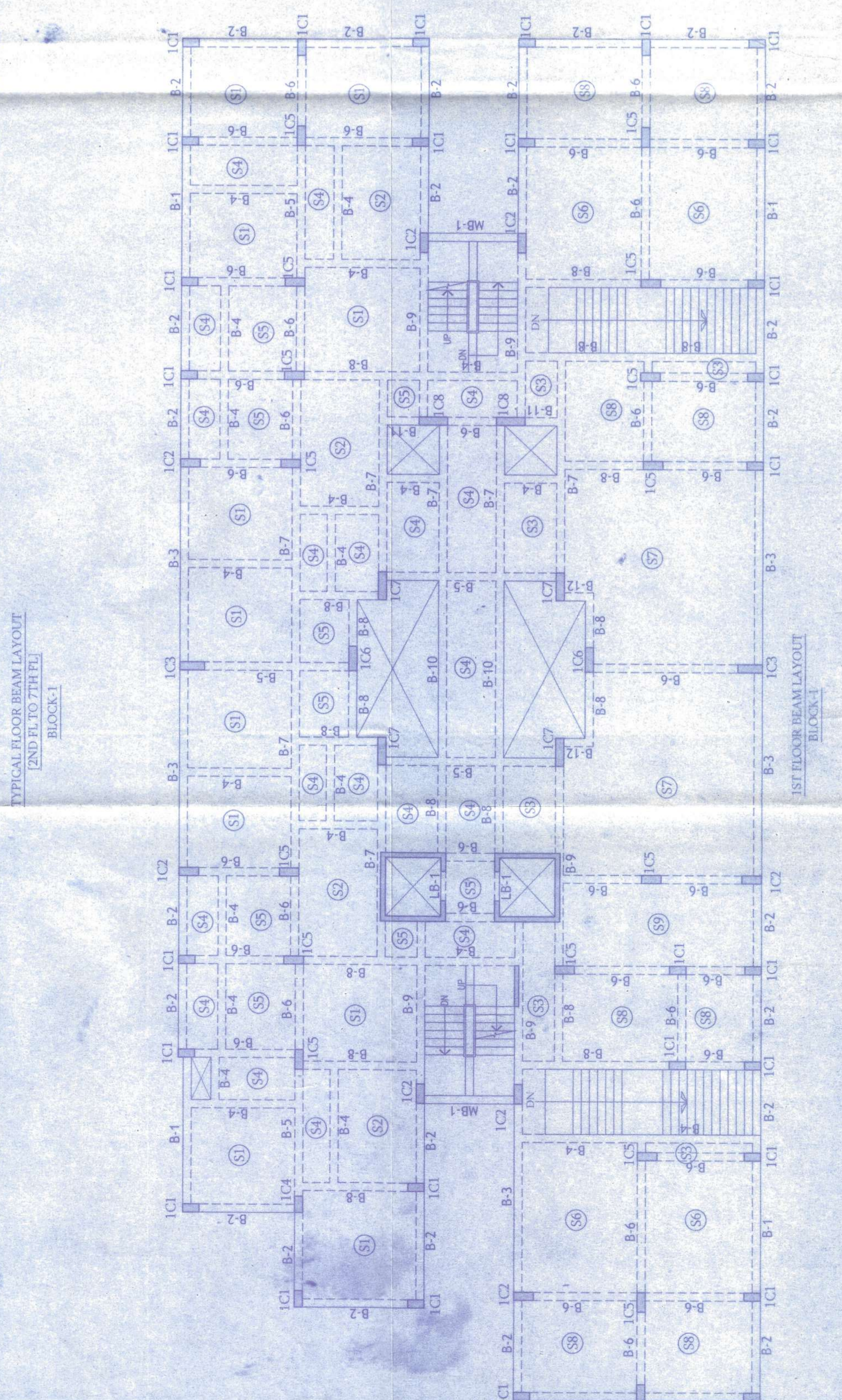
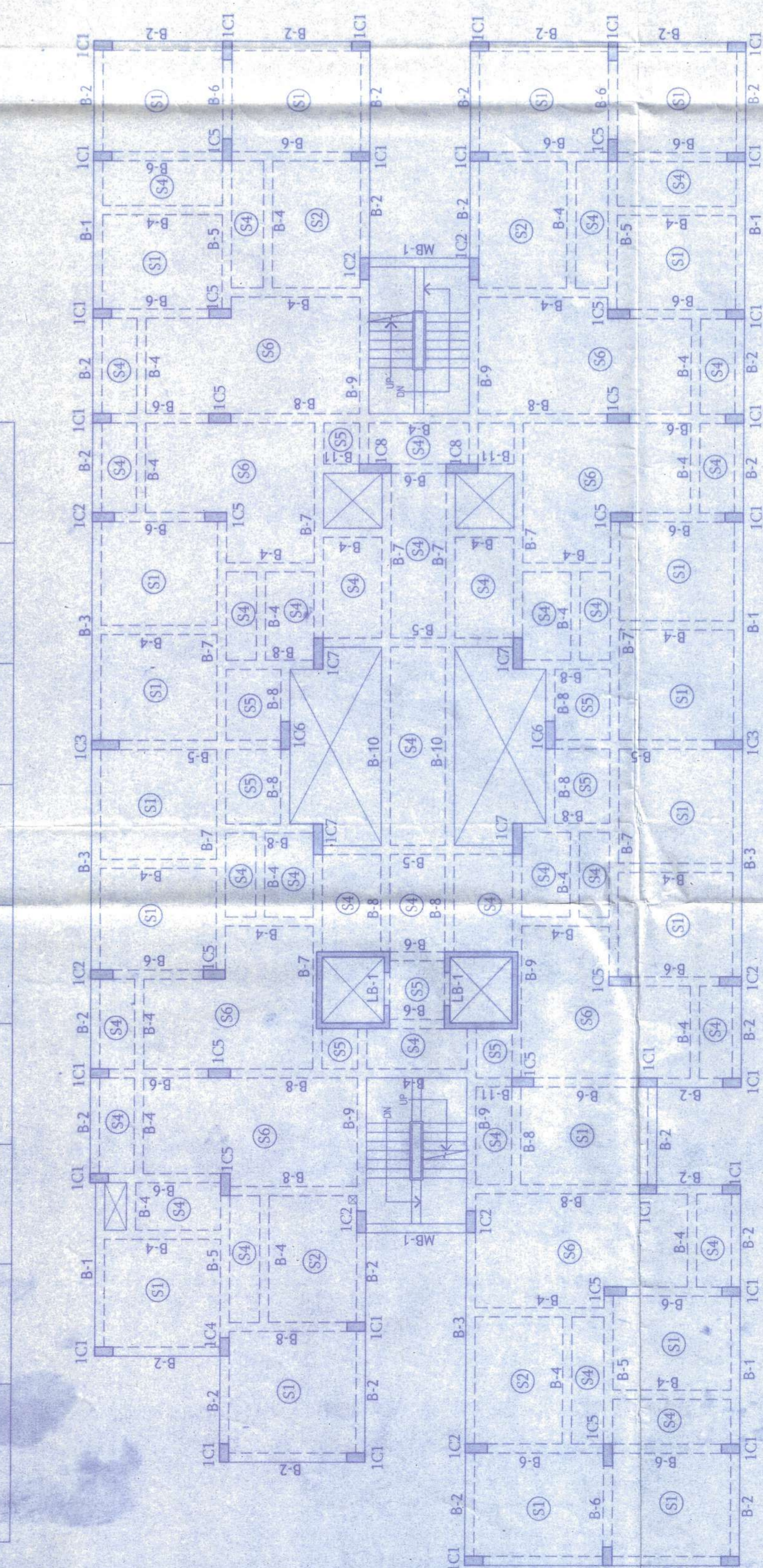
CHANDAN NAGAR
13100/25

DRG. NO.
2014/10/RAM/34/CHANDAN NAGAR(BL-1)/CS-01/R0



COLUMN SCHEDULE
GRADE OF CONCRETE - M25

6TH FL. LVL. TO ROOF LVL.	4-16TOR+ 4-12TOR	4-16TOR+ 8-12TOR	6-20TOR+ 4-16TOR	8-16TOR	4-16TOR+ 6-12TOR	4-16TOR+ 8-12TOR	4-16TOR+ 10-12TOR	4-16TOR+ 10-16TOR	4-16TOR+ 10-12TOR	1C8
4TH FL. LVL. TO 6TH FL. LVL.	4-16TOR+ 10-16TOR	4-16TOR+ 8-12TOR	6-20TOR+ 4-16TOR	8-20TOR	4-16TOR+ 10-16TOR	4-16TOR+ 8-12TOR	4-16TOR+ 10-12TOR	4-20TOR+ 10-16TOR	4-20TOR+ 10-12TOR	1C7
2ND FL. LVL. TO 4TH FL. LVL.	8-20TOR	4-20TOR+ 8-16TOR	6-20TOR+ 4-16TOR	8-25TOR	6-20TOR+ 4-16TOR	4-25TOR+ 4-16TOR	4-25TOR+ 10-16TOR	4-20TOR+ 10-16TOR	4-20TOR+ 10-16TOR	1C6
1ST FL. LVL. TO 2ND FL. LVL.	8-20TOR	4-25TOR+ 8-20TOR	6-20TOR+ 4-16TOR	8-25TOR	6-20TOR+ 4-16TOR	4-25TOR+ 4-16TOR	4-25TOR+ 10-16TOR	4-20TOR+ 10-16TOR	4-20TOR+ 10-16TOR	1C5
FOUNDATION TO 1ST FL. LVL.	8-25TOR	6-20TOR+ 4-16TOR	6-20TOR+ 4-16TOR	8-25TOR	6-20TOR+ 4-16TOR	4-25TOR+ 4-16TOR	4-25TOR+ 10-16TOR	4-20TOR+ 10-16TOR	4-20TOR+ 10-16TOR	1C4
COL SIZE	250X500	250X750	250X800	250X850	250X500	250X750	250X800	250X850	250X875	1C3
LINK	8TOR@150/C									1C2
COL MARKED	1C1	1C2	1C3	1C4	1C5	1C6	1C7	1C8		1C1



BEAM SCHEDULE
GRADE OF CONCRETE - M25

BEAM MKD.	WIDE	DEPTH	REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS AT SUPPT.	STIRRUPS AT SPAN
			TOP	BOTTOM	TOP	BOTTOM		
B1	250	450	4-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100/C	8TOR@200/C
B2	250	450	5-16TOR	3-16TOR	2-16TOR	2-16TOR	8TOR@100/C	8TOR@200/C
B3	250	450	5-16TOR	2-16TOR	3-16TOR	3-16TOR	8TOR@100/C	8TOR@200/C
B4	250	450	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100/C	8TOR@200/C
B5	250	450	3-20TOR	2-20TOR	2-20TOR	2-20TOR	8TOR@100/C	8TOR@200/C
B6	250	450	4-16TOR	2-16TOR	2-16TOR	3-16TOR	8TOR@100/C	8TOR@200/C
B7	250	450	3-20TOR	2-20TOR	2-20TOR	2-20TOR	8TOR@100/C	8TOR@200/C
B8	250	450	5-16TOR	3-16TOR	3-16TOR	3-16TOR	8TOR@100/C	8TOR@200/C
B9	250	450	3-25TOR	2-20TOR	2-25TOR	2-20TOR	8TOR@100/C	8TOR@200/C
B10	250	450	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100/C	8TOR@200/C
B11	250	450	5-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100/C	8TOR@200/C
LB-1	250	450	3-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@150/C	8TOR@150/C