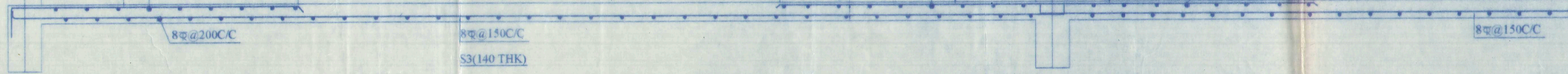


SECTION ON :- C-C

R.C.C DETAILS OF SLAB MKD S3

SCHEDULE OF FLOOR BEAM

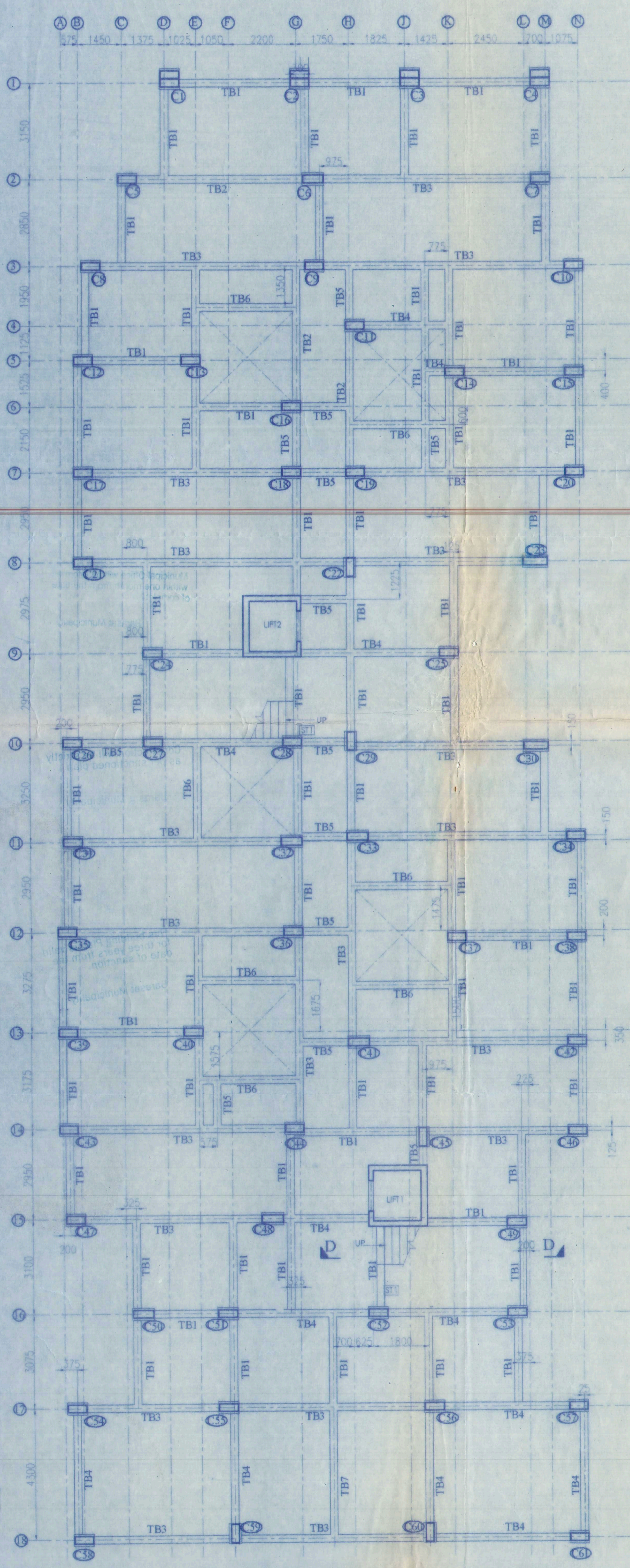
BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT CONT. SUPP. TOP	CONT. SUPP. BOT.	SPAN TOP	SPAN BOT.	DISCON. SUPP. TOP	DISCON. SUPP. BOT.	STIRRUPS SUPPORT	STIRRUPS SPAN
B1	250 x 500	2 -12Φ+ 1 -20Φ	2 -16Φ	2 -12Φ	2 -16Φ+ 1 -12Φ	2 -12Φ	2 -16Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B2	250 x 500	--------	--------	2 -12Φ	3 -12Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B3	250 x 500	2 -12Φ+ 3 -20Φ	2 -20Φ	2 -12Φ	3 -20Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B4	250 x 500	2 -12Φ+ 3 -20Φ	2 -20Φ	CANTILEVER.				8Φ- 2L @ 100 C/C	
B5	250 x 500	2 -12Φ+ 5 -20Φ	2 -20Φ	2 -12Φ	4 -20Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 200 C/C
B6	250 x 500	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	3 -12Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 200 C/C
B7	250 x 500	2 -12Φ+ 5 -20Φ	3 -20Φ	2 -12Φ	5 -20Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B8	250 x 500	2 -12Φ+ 5 -20Φ	3 -20Φ	ALTH.				8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B9	250 x 500	2 -12Φ+ 2 -20Φ	2 -16Φ	2 -12Φ	2 -16Φ+ 1 -12Φ	2 -12Φ	2 -16Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B10	250 x 500	-------	-------	2 -12Φ	2 -16Φ+ 1 -20Φ	2 -12Φ	2 -16Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B11	250 x 500	2 -12Φ+ 2 -20Φ	2 -16Φ	2 -12Φ	2 -16Φ+ 1 -20Φ	2 -12Φ	2 -16Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B12	250 x 500	-------	-------	2 -12Φ	2 -20Φ+ 1 -16Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
B13	250 x 500	2 -12Φ	3 -12Φ	ALTH.				8Φ- 2L @ 100 C/C	
B14	250 x 500	2 -12Φ+ 2 -20Φ	3 -12Φ	CANTILEVER.				8Φ- 2L @ 100 C/C	
B15	250 x 500	2 -12Φ+ 5 -20Φ	3 -20Φ	CANTILEVER.				8Φ- 2L @ 100 C/C	
B16	250 x 500	2 -12Φ+ 1 -20Φ	2 -12Φ	2 -12Φ	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 200 C/C
B17	250 x 500	2 -12Φ+ 1 -20Φ	2 -16Φ	ALTH.				8Φ- 2L @ 100 C/C	
B18	250 x 500	2 -12Φ+ 1 -16Φ	2 -20Φ	2 -12Φ	2 -20Φ+ 2 -16Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 200 C/C
B19	250 x 500	2 -12Φ+ 1 -20Φ	2 -16Φ	ALTH.				8Φ- 2L @ 100 C/C	

SCHEDULE OF TIE BEAM

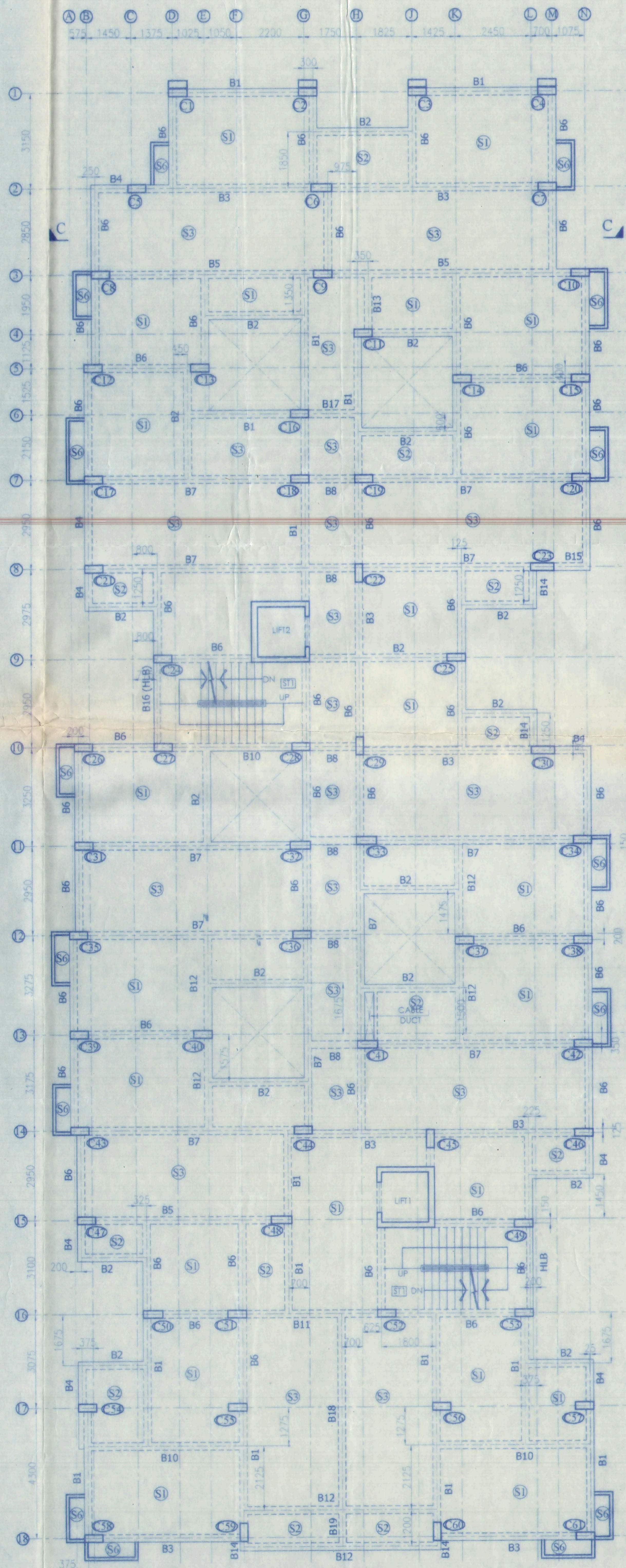
BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT CONT. SUPP. TOP	CONT. SUPP. BOT.	SPAN TOP	SPAN BOT.	DISCON. SUPP. TOP	DISCON. SUPP. BOT.	STIRRUPS SUPPORT	STIRRUPS SPAN
TB1	250 x 400	3 -12Φ	2 -12Φ	2 -12Φ	3 -12Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
TB2	250 x 400	2 -12Φ+ 1 -20Φ	2 -12Φ	2 -12Φ	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
TB3	250 x 400	2 -12Φ+ 2 -20Φ	2 -20Φ	2 -12Φ	2 -20Φ+ 1 -16Φ	2 -12Φ	2 -20Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
TB4	250 x 400	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	3 -12Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
TB5	250 x 400	2 -12Φ	2 -12Φ	ALTH.				8Φ- 2L @ 100 C/C	
TB6	250 x 400	--------	--------	2 -12Φ	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C
TB7	250 x 400	3 -12Φ	2 -12Φ	2 -12Φ	2 -12Φ+ 1 -16Φ	2 -12Φ	2 -12Φ	8Φ- 2L @ 100 C/C	8Φ- 2L @ 250 C/C

SCHEDULE OF SLAB

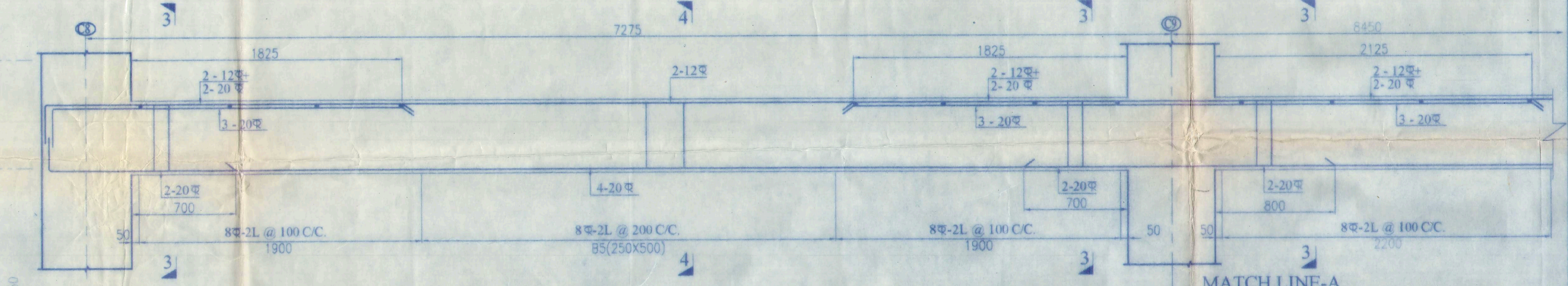
SLAB MKD.	SLAB THIK. (MM.)	REINFORCEMENT SHORTER SPAN SUPP.(TOP)	SHORTER SPAN SPAN(BOT.)	LONGER SPAN SUPPORT (TOP)	LONGER SPAN SPAN (BOT.)
S1	125	8Φ@150C/C	8Φ@200C/C	8Φ@200C/C	8Φ@200C/C
S2	110	8Φ@200C/C	8Φ@200C/C	8Φ@200C/C	8Φ@200C/C
S3	140	8Φ@150C/C	8Φ@150C/C	8Φ@200C/C	8Φ@200C/C
S4	115	8Φ@150C/C	8Φ@200C/C	8Φ@200C/C	8Φ@200C/C
S5	150	8Φ@125C/C	8Φ@150C/C	8Φ@150C/C	8Φ@200C/C
S6	150	8Φ@100C/C (MAIN) TOP WITH 8Φ@ 200C/C (DIST.) TOP WITH 8Φ@200C/C BOTHWAYS BOTTOM			
ST1 ST2	165	12Φ@125C/C (MAIN) WITH 8Φ@200C/C(DIST)			
8Φ200 DISTRIBUTOR BAR ADDED WHEREEVER REQUIRED					



TIE BEAM & SLAB LAYOUT PLAN
1ST TO 7TH)

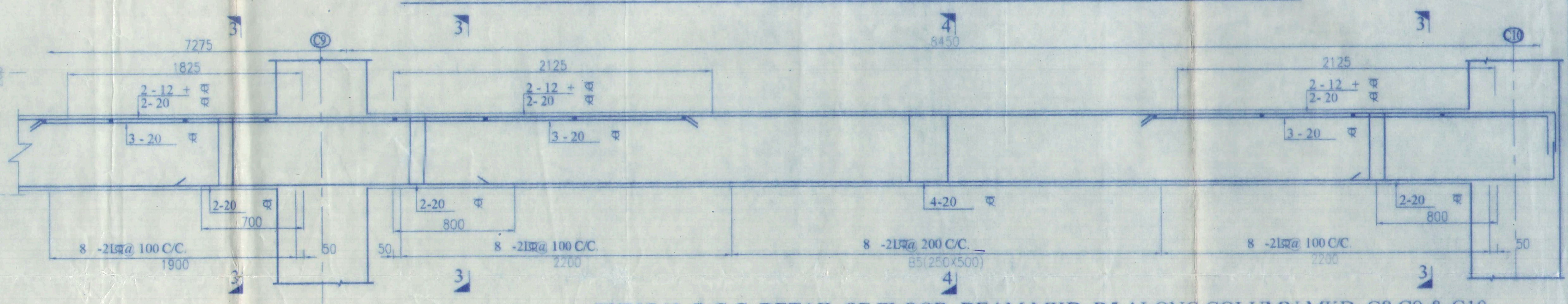


TYPICAL FLOOR BEAM & SLAB LAYOUT PLAN
1ST TO 7TH)



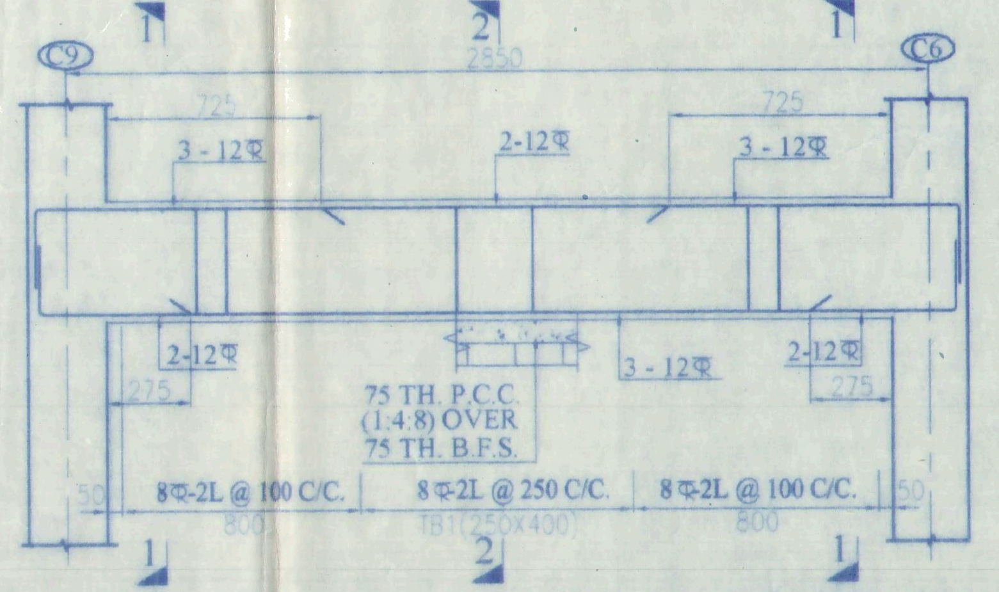
MATCH LINE-A

TYPICAL R.C.C. DETAIL OF FLOOR BEAM MKD. B5 ALONG COLUMN MKD. C8,C9 & C10

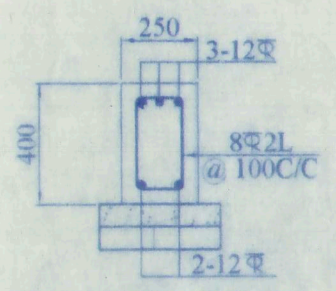


MATCH LINE-A

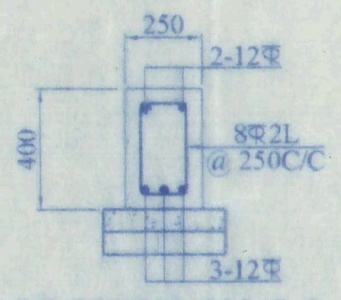
TYPICAL R.C.C. DETAIL OF FLOOR BEAM MKD. B5 ALONG COLUMN MKD. C8,C9 & C10



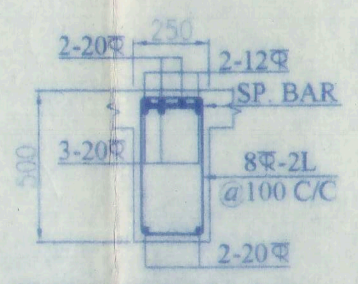
TYPICAL R.C.C. DETAIL OF TIE BEAM MKD. TB1
ALONG COLUMN MKD. C6 & C9



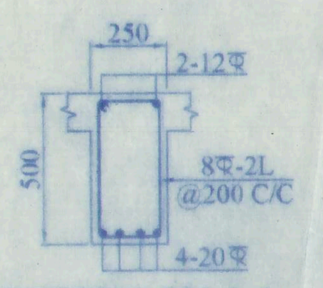
SECTION ON :1-1



SECTION ON :2-2



SECTION ON 3-3



SECTION ON 4-4

Sanctioned / approved
Chairman
Barasat Municipality

Sanction Serial No. 1800

Sanctioned /Approved
Chairperson
Board of Administrator
BarasatMunicipality

Building Plan Sanctioned
Meeting Date. 26.05.2022

OFFICE OF THE MUNICIPAL COUNCILLORS OF BARASAT ★ BARASAT (N) 24-PGS ★ ESTD 1869

CHECKED & VERIFIED
Sub. Assistant Engineer
Barasat Municiaplity
26/5/22

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ROAD CREST LEVEL IS TAKEN AS ± 0.00 LEV.
4. CLEAR COVER TO MAIN REINFORCEMENT:-
   a) FOUNDATION- 50 MM. b) COLUMN- 40 MM.
   c) TIE BEAM- 50 MM. d) SLAB - 20 MM, e) BEAM- 25 MM.
5. LAP / ANCHORAGE LENGTH SHOULD BE GENERALLY 50D. (D = DIA OF BAR).
6. Φ -INDICATES DIA OF BAR AS PER I.S 1786.
7. GRADE OF CONCRETE - M-25.
8. GRADE OF STEEL- Fe-500.
9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
10. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.

ROBUST NIRMAN LLP
Basant Agarwal
Partner

SIG .OF OWNER

CERTIFICATE OF ARCHITECT

I DO HERE BY CONFIRM AND CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED BY ME KEEPING THE PROVISION OF N.B.C. OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT

SUNIL MANIRAMKA, (B. Arch.)
Consulting Architect
Council of Architecture (Regn. No. CA/93/16636)

SIG .OF ARCHITECT
SUNIL MANIRAMKA
74B, A.J.C. BOSE ROAD
KOLKATA-16

CERTIFICATE OF ENGINEER

WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON MOUZA- PASCHIM ICHAPUR,J.L. NO-29, Re. Sa. NO-202, L.R. KHATIAN NO.- 682, L.R. DAG NO.- 1154 WARD NO-07(NEW), HOLDINGNO.- 1532/18, SHASTRIJI ROAD, P.S -BARASAT, UNDER BARASAT MUNI-CIPALITY , DIST.-NORTH 24 PARGANAS HAVE BEEN PERSONALLY INSPECTED AND SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS,IF ANY CONFORMING TO ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

CHANDI PROSAD KHANRA
BE (Civil), ME (Struct.), MIE (India)
ESE - I/2

SIG. OF STR. ENGINEER
C. P. KHANRA
18/1, ICHHAPUR ROAD
KADAMTALA, HOWRAH-1

ALOK ROY
Empanelled Geotechnical Engineer
Kolkata Municipal Corporation
Class-I, No.- G.T/I/11
6A, Milan Park,
Kolkata-700 084

SIG. OF GEO-TECHNICAL ENGINEER
ALOK ROY
6A, MILAN PARK
KOLKATA-700084

PLAN OF PROPOSED G+7 (25.0 M. HT.) STORIED RESIDENTIAL COMPLEX AT MOUZA-PASCHIM ICHAPUR, J.L. NO-29, Re. Sa.NO-202, L.R.KHATIAN NO.- 682, L.R. DAG NO.-1154 WARD NO-07(NEW),28(OLD) HOLDING NO.-1532/18, SHASTRIJI ROAD, P.S - BARASAT, UNDER BARASAT MUNICIPALITY, DIST.- NORTH 24 PARGANAS. PREVIOUS BUILDING PLAN SANCTION SERIAL NO. 869. MEETING DATE : 26.08.2015

SANCTION DRAWING

BLOCK 1

TIE BEAM LAYOUT, TYPICAL FLOOR BEAM & SLAB LAYOUT WITH TYPICAL DETAILS & SCHEDULE

STRUCTURAL CONSULTANTS : Mr. Chandi Prosad Khanra BE (CIVIL), ME (STRUC.), MIE (INDIA). | SHEET NO. 02

DATE : 14.05.18 | SCALE : 1:100,25 | DEALT : RAJKUMAR | DRG.NO.-CPK/MANI/BASANT/BLK-1/CORP./SI/18/02

ARCHITECTS :
MANIRAMKA AND ASSOCIATES
74 B, A. J. C. BOSE ROAD, KOLKATA-700 016
PHONE : (033) 2217 8329
E mail: maniramka@vsnl.net

R0