

SCHEDULE OF COLUMN (Fe-500, M=30)

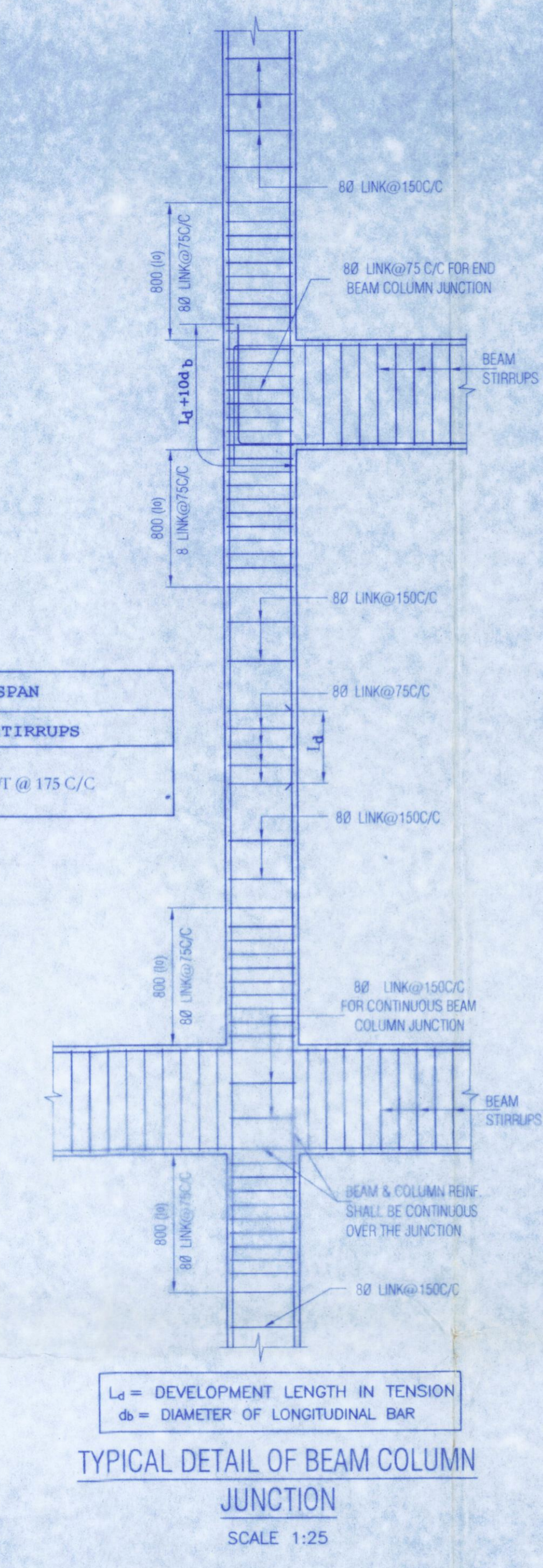
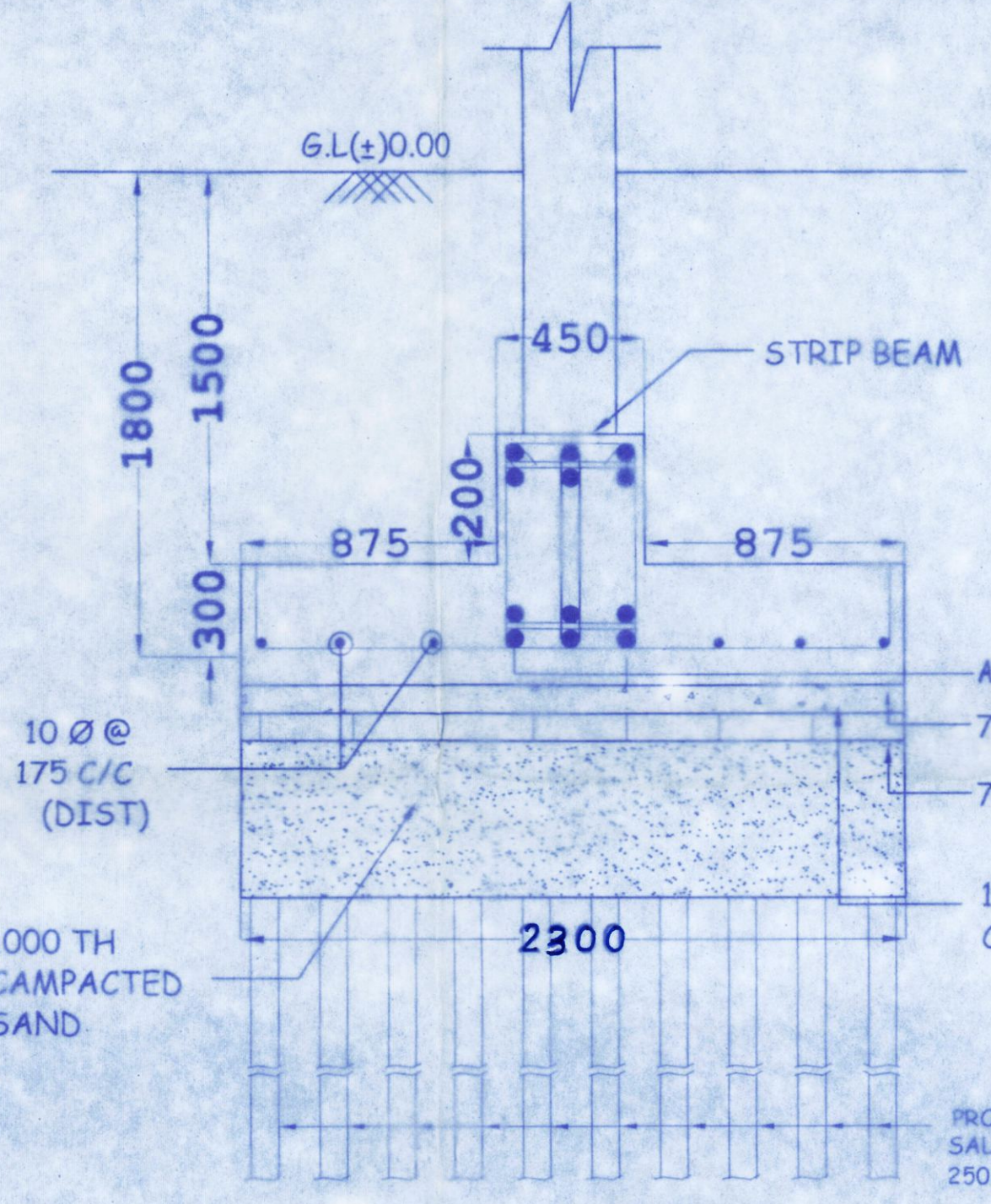
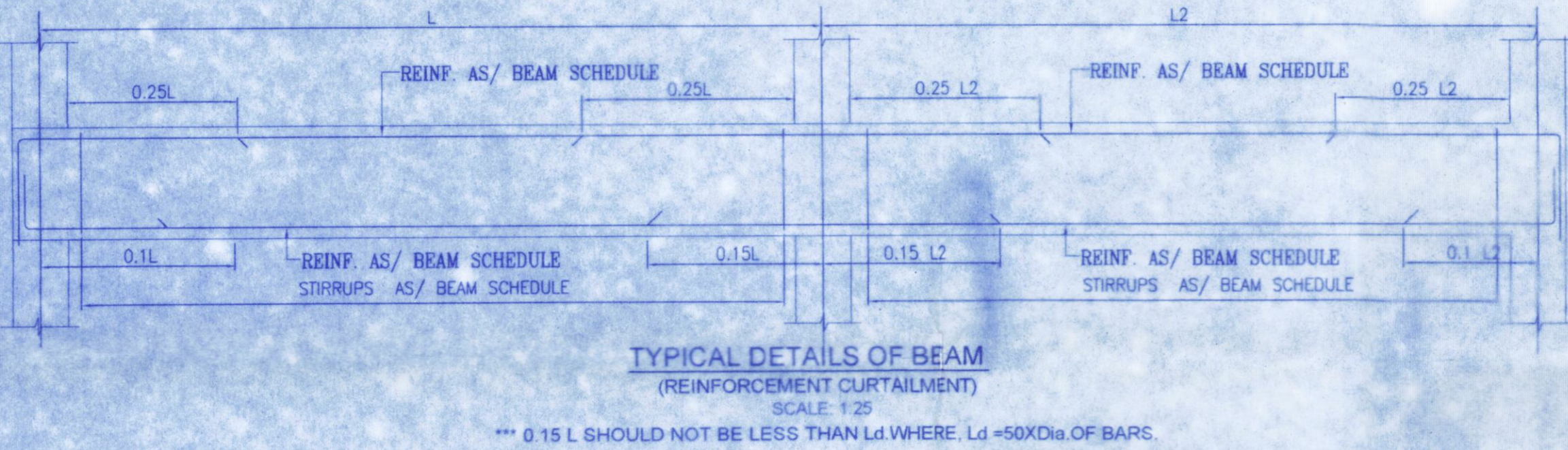
GROUP MKD.	COLUMN MKD.	SIZE OF COLUMN WITH REINFORCEMENTS (MAIN BAR & LINKS)	C/S OF COLUMN	LINKS DETAILS
I	C1, C2, C3, C4, C5, C7, C9 C10, C11, C13, C17, C21, C24 (13 NOS.)	SIZE: MAIN BAR: LINKS: (300X450) 10-16Ø 2L 8 Ø STIRRUPS (2NO)		NEAR JUNCTION (UPTO 10' LENGTH) LINKS 8 @750/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS 8 @1500/C (2 NOS. CLOSED LINK PER SET)
II	C6, C8, C12, C16, C20, C22, C23 (7 NOS.)	SIZE: MAIN BAR: LINKS: (300X450) 12-16Ø 2L 8 Ø STIRRUPS (2NO)		NEAR JUNCTION (UPTO 10' LENGTH) LINKS 8 @750/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS 8 @1500/C (2 NOS. CLOSED LINK PER SET)
III	C14, C15, C18, C19 (4 NOS.)	SIZE: MAIN BAR: LINKS: (300X450) 6-20Ø + 4-16Ø 2L 8 Ø STIRRUPS (2NO)		NEAR JUNCTION (UPTO 10' LENGTH) LINKS 8 @750/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS 8 @1500/C (2 NOS. CLOSED LINK PER SET)

SCHEDULE OF BEAM (Fe-500, M=30)

BEAM MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B1	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1500/C
B2	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1250/C
B2A	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1250/C
B3	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1250/C
B3A	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1250/C
B4	250X450	3-16T (A.T)	3-16T (A.T)	2L-8T @750/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1250/C
B5	250X450	3-12T (A.T)	3-12T (A.T)	2L-8T @750/C	3-12T (A.T)	3-12T (A.T)	2L-8T @1250/C
H.L.B	250X400	3-16T (A.T)	3-16T (A.T)	2L-8T @1500/C	3-16T (A.T)	3-16T (A.T)	2L-8T @1500/C

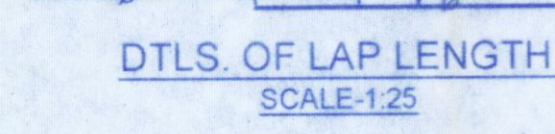
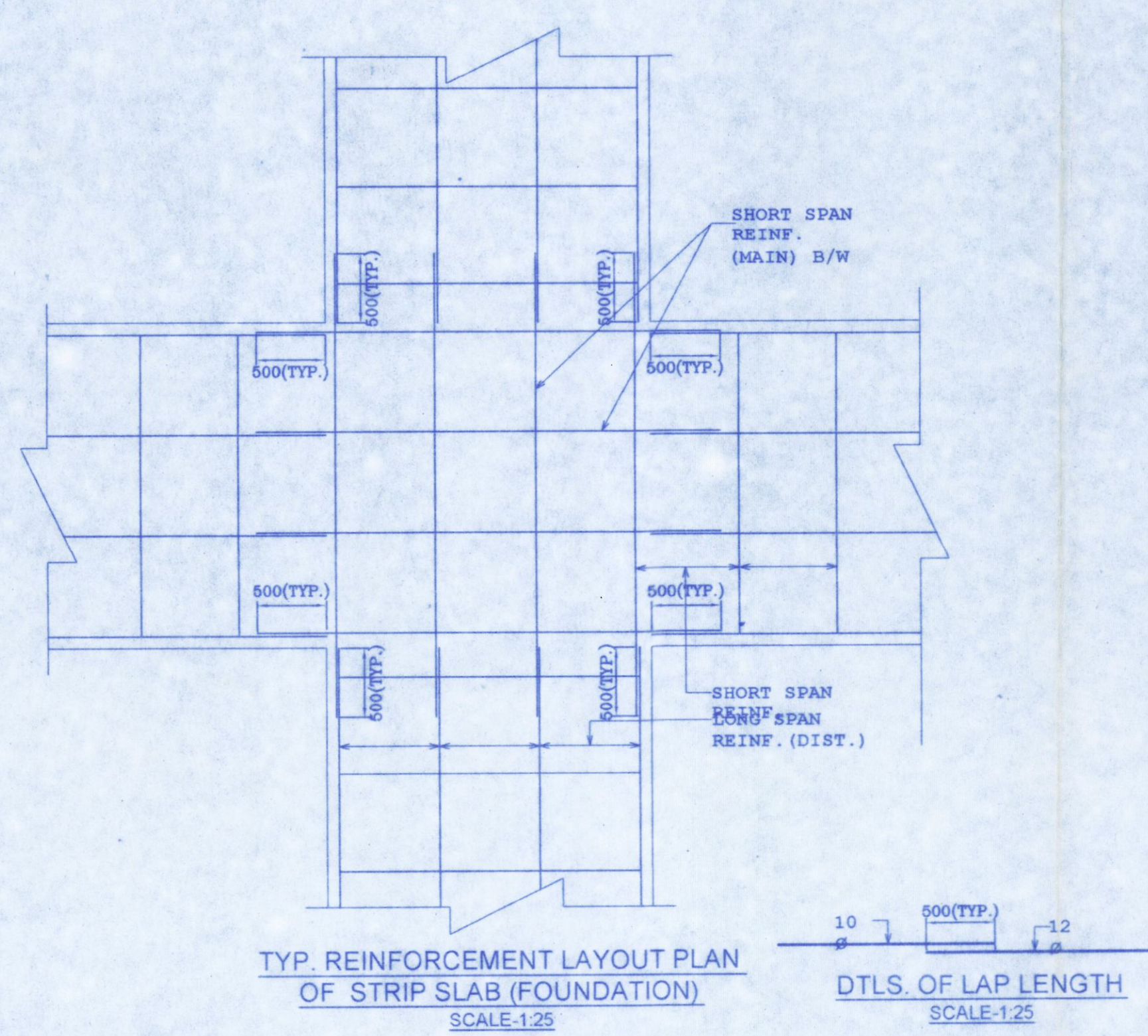
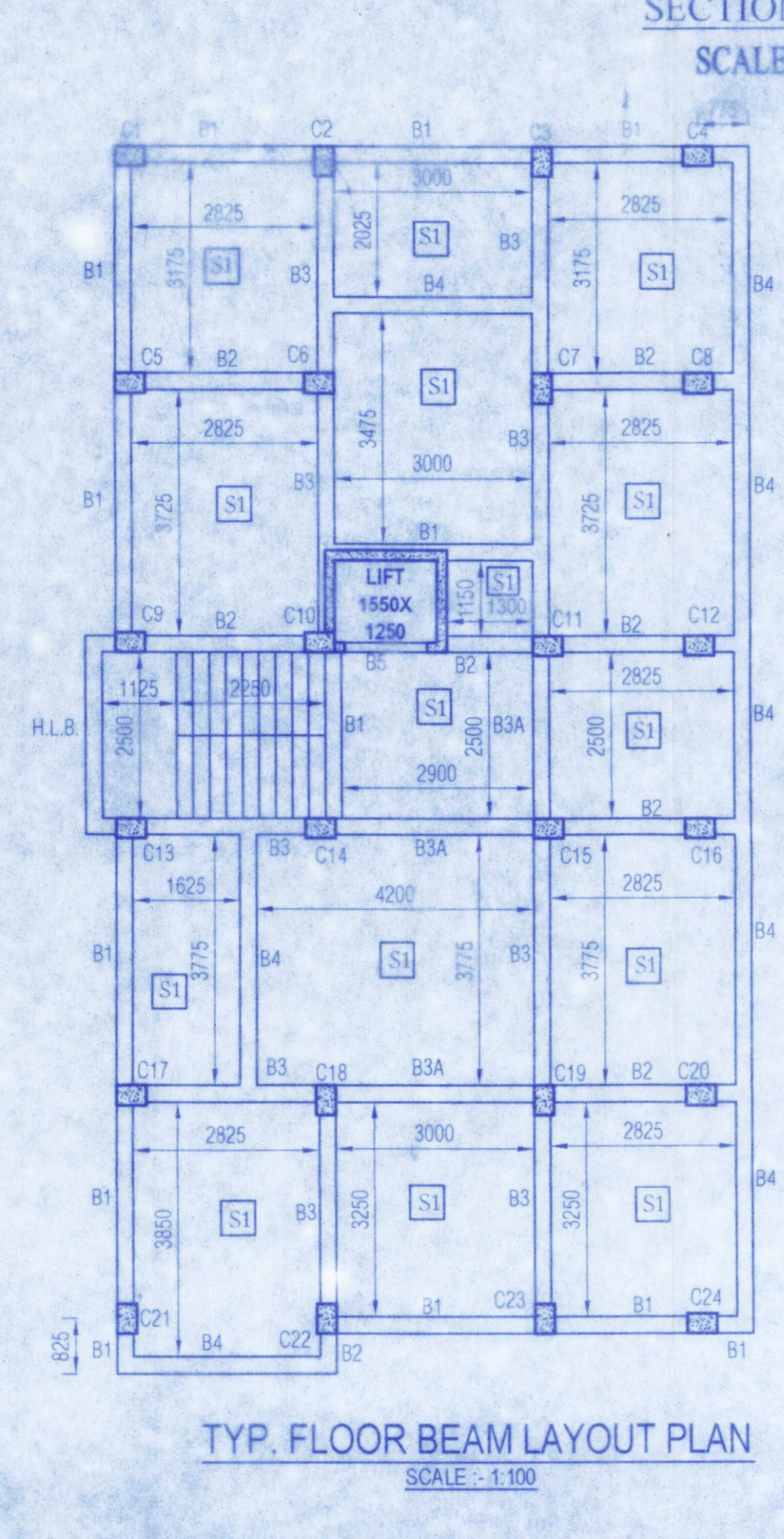
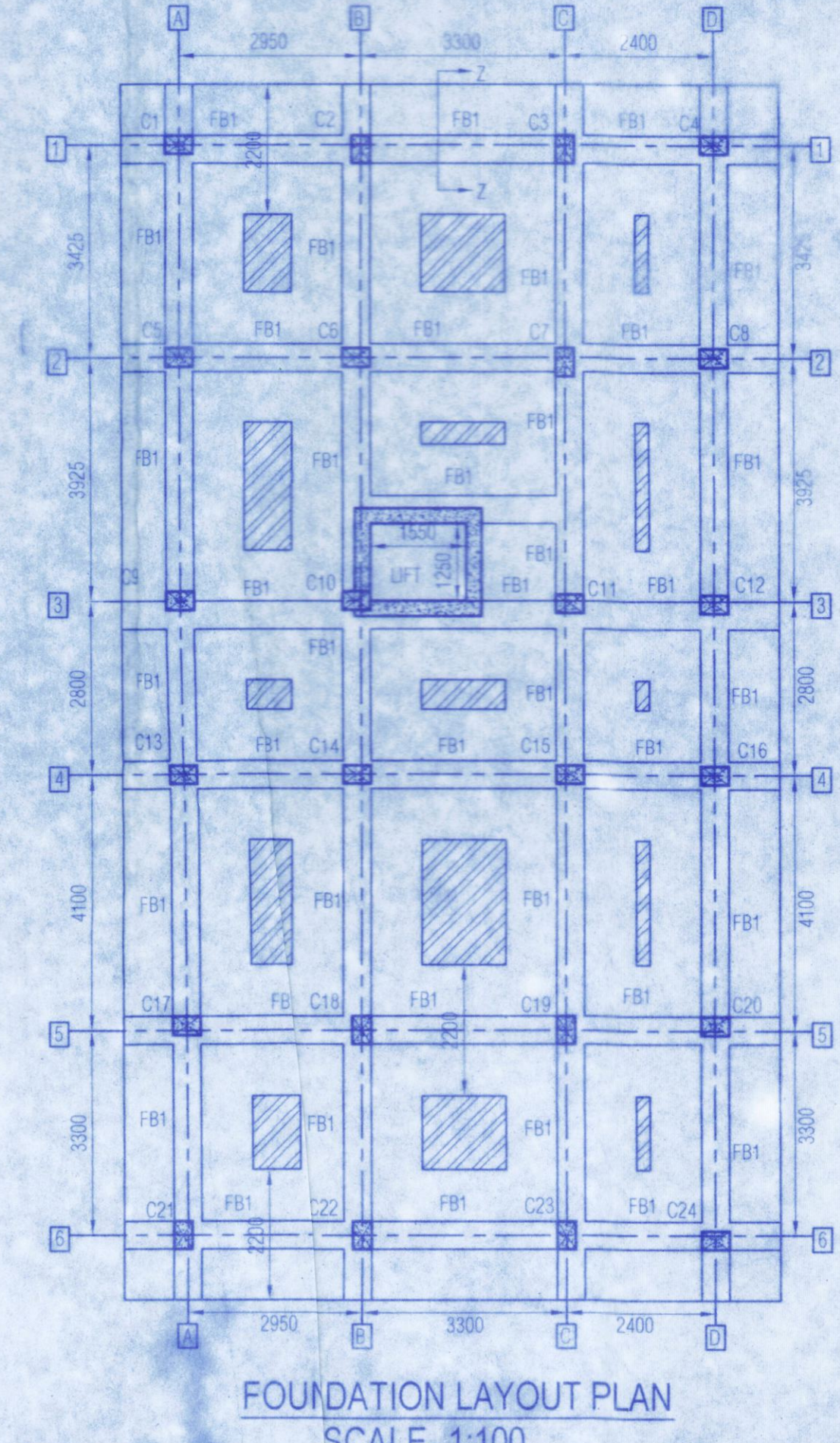
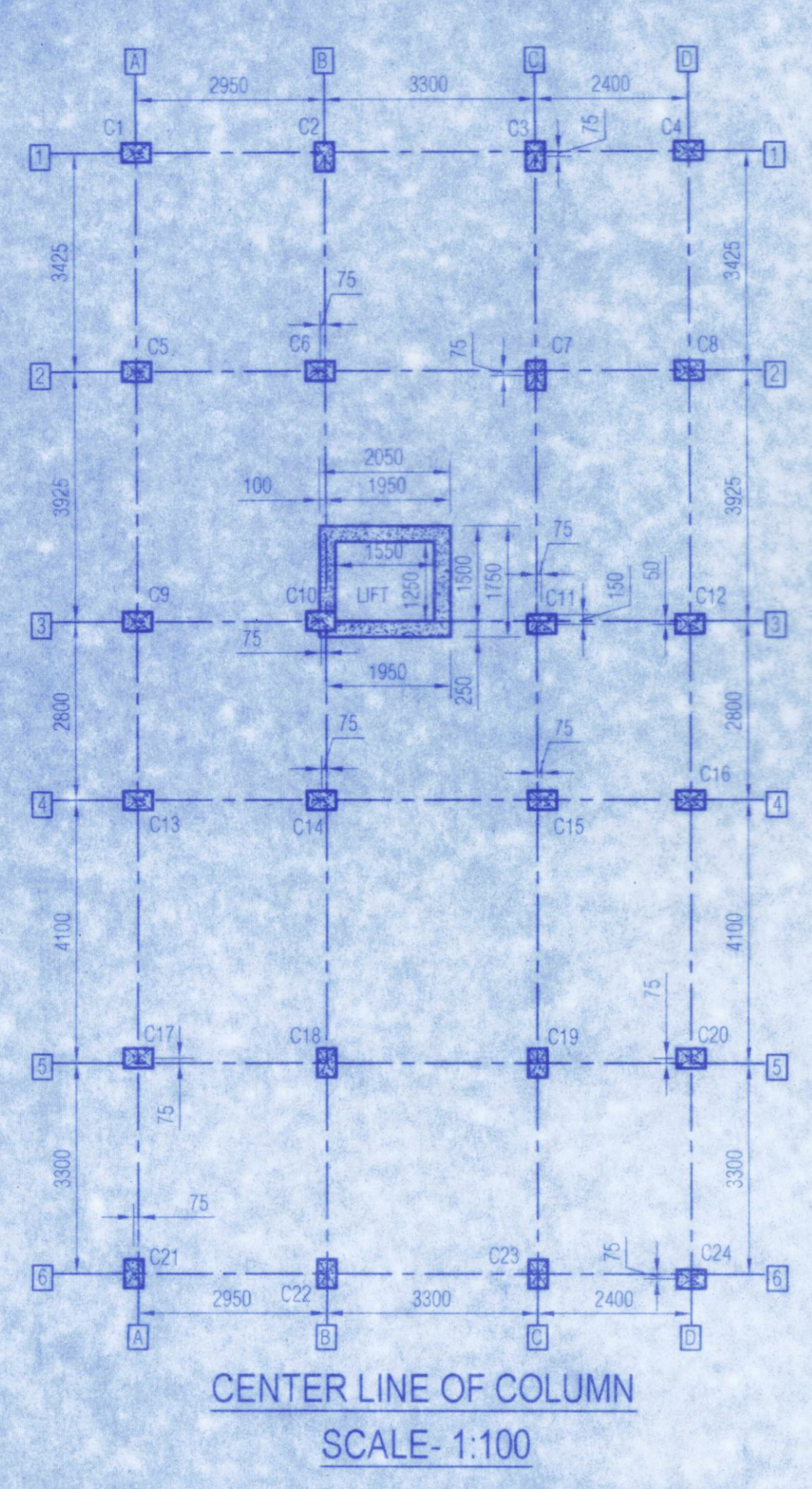
SCHEDULE OF FOUNDATION BEAM (Fe-500, M=30)

FOUND MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
FB1	450X500	4-20T (A.T)	4-20T (A.T)	4L 10T @1750/C	4-20T (A.T)	4-20T (A.T)	4L 10T @1750/C



SCHEDULE OF SLAB (Fe-500, M=30)

SLAB MKD.	THICK. (mm.)	SHORT SPAN REINFORCEMENT DETAILS	LONG SPAN REINFORCEMENT DETAILS
S1	125	8T @150 C/C (T&B)	8T @175 C/C (T&B)



PROPOSED PLAN FOR G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN OF "JP ENTERPRISE" AT MOUZA - BHATENDA, J.L. NO.-28, R.S. NO.-50, C.S. DAG NO. - 187, R.S. & L.R. DAG NO. -214 (P), L.R. KHATIAN NO.-3056, P.S.- RAJARHAT, DIST. (NORTH) 24 PARGANAS, UNDER RAJARHAT BISHNUPUR 1NO. GRAM PANCHAYAT.
OWNER NAME - SMT. JAYATI PAI W/O PARTHA SARATHI PAI

SPECIFICATIONS:
1) ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
2) GRADE OF CONCRETE - M25
3) GRADE OF STEEL - H.Y.S.D. (Fe 500)
4) ALL OTHER STRUCTURAL DETAILS SUCH AS LAPPING, COVER, ETC. AS PER IS: 456-2000
5) THE DRAWING IS TO BE READ IN CONNECTION WITH ARCHITECTURAL DRAWING
6) DO NOT SCALE THE DRAWING
7) WRITTEN DIMENSIONS ARE TO BE FOLLOWED
8) BASIS OF DESIGN ARE BOTH WORKING STRESS & LIMITING STRESS METHOD
9) ALL DIMENSIONS SHOULD BE CHECKED AT SITE
10) DRAWING SCALES - 1:100, 1:50, 1:25
11) THIS DRAWING IS A PRIVATE & CONFIDENTIAL DOCUMENT OF THE ABOVE CONSULTANT. IT MUST NOT BE COPIED OR CHANGED WITHOUT THEIR CONSENT
A.T - ALL THROUGH ET - EXTRA TOP

CERTIFICATE OF OWNER
I SHALL NOT CONSTRUCT THE BUILDING IN DEVIATION OF THE SUBMITTED PLANS AND DRAWINGS.
JP ENTERPRISE
Jayati Poin
PROPRIETOR
SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISIONS OF NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. NO SUCH WRONG & INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING & NO VIOLATION OF THE PROVISIONS OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS & DOCUMENTS SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.
Anirudhya Das
ANIRUDHYA DAS
Registered Architect
Reg. No. CA / 2021 / 130177
SIGNATURE OF ARCHITECT

CERTIFICATE OF ENGINEER
I CERTIFY THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH THE FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT (AS PER THESE RULES, REGULATIONS & CODE MADE) & ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD & THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER CURRENT CODES OF BUREAU OF INDIA STANDARD & NATIONAL BUILDING CODE OF INDIA & CERTIFY THAT IT IS SAFE & STABLE IN ALL RESPECT OF TO G+IV STORIES & THESE PROVISION SHALL BE ADHERED TO DURING THE CONSTRUCTION.
Abhratanu Dhar
Abhratanu Dhar
Structural Engineer
M. Tech (Struct), B. Tech (Civil)
Reg. Under ANKA
STEREOKAD/1080121
SKYRINK/201000114
SIGNATURE OF ENGINEER

CERTIFICATE OF GEOTECHNICAL ENGINEER
IT IS CERTIFIED THAT COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN & CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEOTECHNICAL REPORT.
S. K. Mandal
S. K. Mandal
B.E. (Civil), M.E., M.I.C.E., I.I.T. DELHI
Consulting Chartered Engineer
Structural & Geo-Technological
ESE-10/99, L15-17/146,
Reg. Under M.C.E.A.
And ESE-10/02, TECH-1
INDIAN SOCIETY OF CIVIL ENGINEERS
SIGNATURE OF GEOTECHNICAL ENGINEER

VETTED
Dipesh Hajumdar
Dr. Dipesh Hajumdar
B.E. (Structure), PHD
Assistant Professor
Department of Construction Engineering
Jadavpur University
SIGNATURE OF PROFESSOR

TITLE:
CENTER LINE OF COLUMN, STRIP SLAB AND BEAM LAYOUT & SCHEDULE, FLOOR BEAM-SLAB LAYOUT & SCHEDULE, COLUMN LONG AND CROSS SECTIONAL DETAILS.

CONSULTANT:
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CONSULTANTS
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CHECKED BY - ABHRATANU DHAR
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