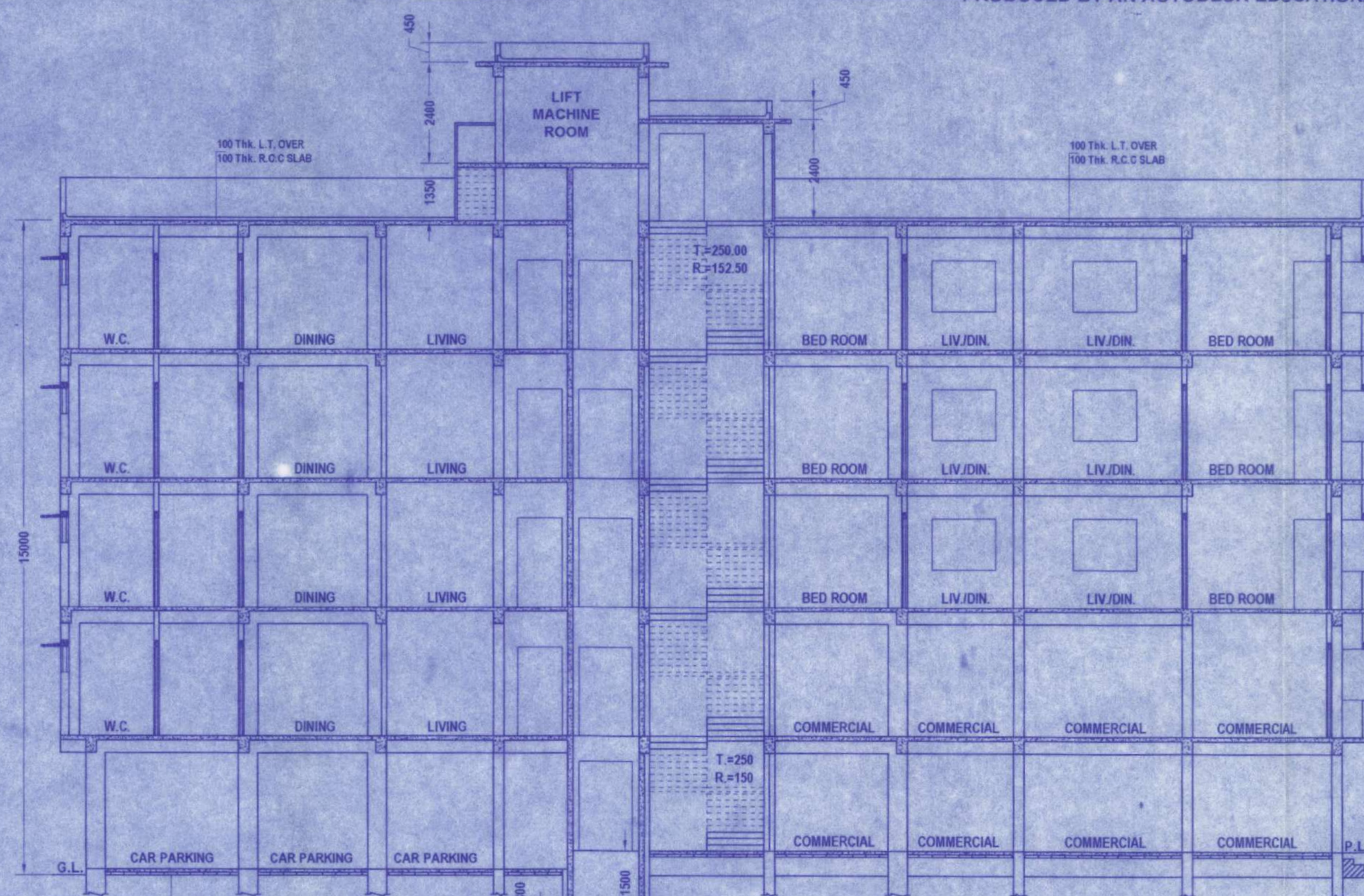
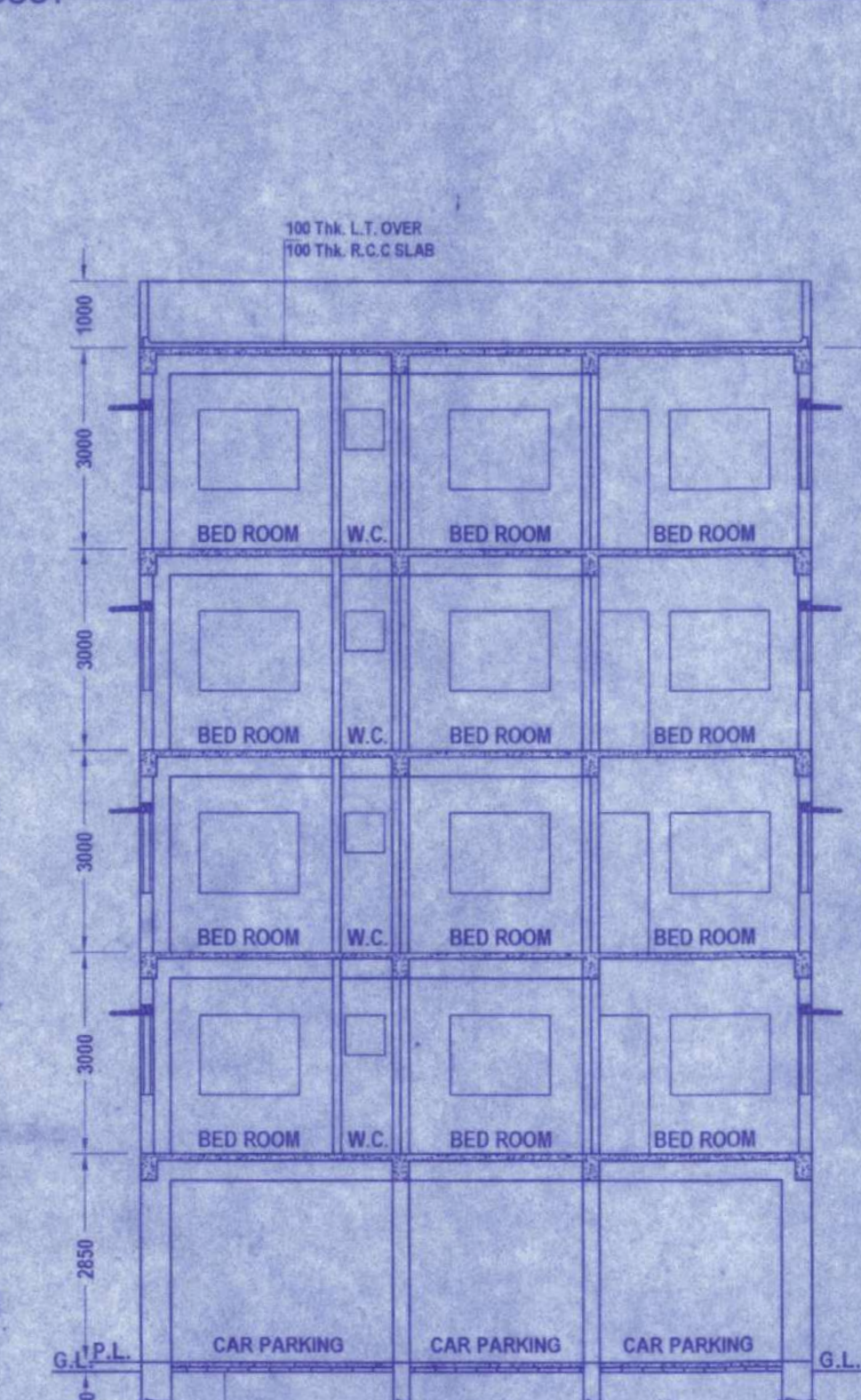


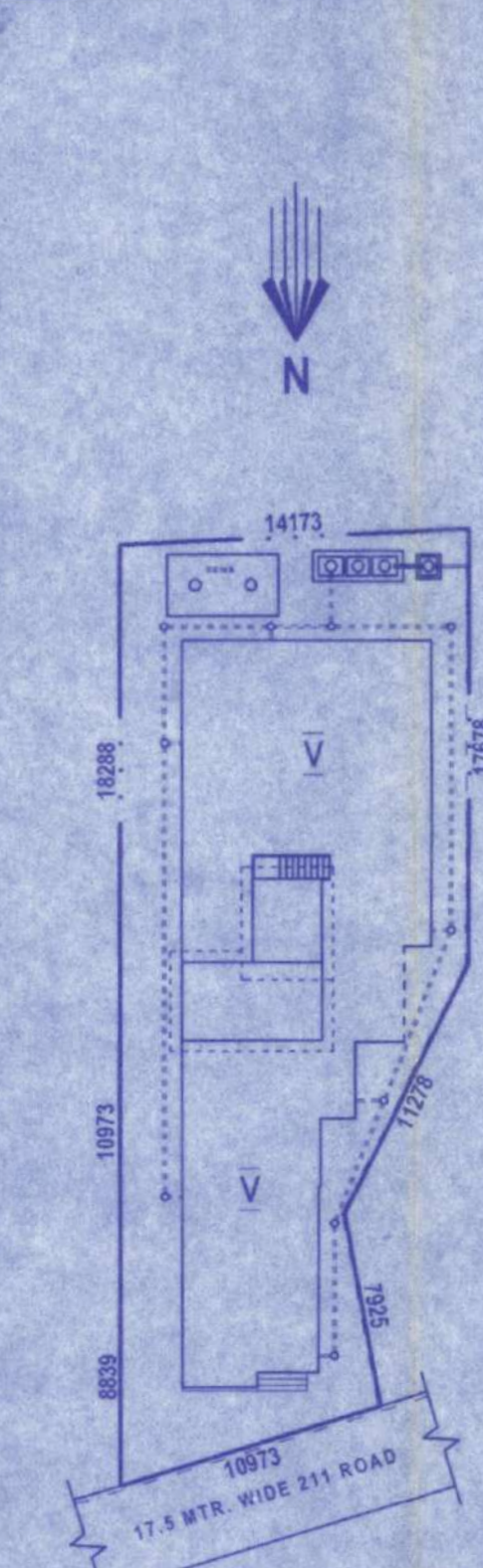
FRONT ELEVATION
SCALE - 1:100



SECTION AT : A - A
SCALE - 1:100



SECTION AT : B - B
SCALE - 1:100



SITE PLAN
SCALE - 1:300

PROPOSED PLAN FOR G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN OF "GOPAL PODDAR", "BINOD KUMAR PODDAR", "RAJESH KUMAR PODDAR" & "SUNDIP KUMAR PODDAR" AT MOUZA - RECKJOANI, J.L. NO.-13, R.S. NO.- 198, R.S. & L.R. DAG NO.- 508, 509 & 512, L.R. KHATIAN NO.- 7564,7565,7566 & 7567, P.S. - RAJARHAT, DIST. (NORTH) 24 PARGANAS, UNDER RAJARHAT BISHNUPUR 1 NO. GRAM PANCHAYET. DEVELOPED BY - VRISA CONSTRUCTION PVT. LTD.

AREA STATEMENT

Table with 2 columns: Description and Area. Includes rows for AREA OF LAND (AS PER DEED), AREA OF LAND (AS PER SITE), PERMISSIBLE GROUND COVERED AREA (50%), GROUND FLOOR COVERED AREA, FIRST FLOOR COVERED AREA, SECOND FLOOR COVERED AREA, THIRD FLOOR PLAN COVERED AREA, FOURTH FLOOR PLAN COVERED AREA, TOTAL COVERED AREA, OPEN AREA, TOTAL CAR PARKING AREA, and TOTAL COMMERCIAL AREA.

EXEMPTED AREA CALCULATION :-

Table with 2 columns: Description and Area. Includes rows for STAIR, LIFT & LOBBY AREA (GF), STAIR, LIFT & LOBBY AREA (FF), STAIR, LIFT & LOBBY AREA (TF) (28.09X3), CAR PARKING AREA, TOTAL EXEMPTED AREA, TOTAL COV. AREA AFTER EXEMPTION = 1218.79-262.94, PERMISSIBLE F.A.R. = 2.50, and PROPOSED F.A.R. = 2.04.

TENEMENT AREA

Table with 2 columns: Description and Area. Includes rows for GROUND FLOOR COMMERCIAL, STAIR, LIFT & PASSAGE, and CAR PARKING.

FIRST FLOOR

Table with 2 columns: Description and Area. Includes rows for COMMERCIAL, STAIR, LIFT & PASSAGE, FLAT - A, and FLAT - B.

SECOND TO FOURTH FLOOR

Table with 2 columns: Description and Area. Includes rows for FLAT - A, FLAT - B, FLAT - C, and STAIR, LIFT & PASSAGE.

CERTIFICATE OF OWNER

I SHALL NOT CONSTRUCT THE BUILDING IN DEVIATION OF THE SUBMITTED PLANS AND DRAWINGS.

Constituted Power of Attorney
For VRISA CONSTRUCTION PVT. LTD.
Sunder Haas
Managing Director

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISION OF NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. NO SUCH WRITING & INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING & NO VIOLATION OF THE PROVISION OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS & DOCUMENTS SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

Anirudhya Das
Registered Architect
Reg. No. GA /2021/130177

SIG. 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 CORRENT CODES OF BUREAU OF INDIA STANDARD & NATIONAL BUILDING CODE OF INDIA & CERTIFY THAT IT IS SAFE & STABLE IN ALL RESPECT OF TO GHV STORES & THESE PROVISION SHALL BE ADHERED TO DURING THE CONSTRUCTION.

Abhinav Das
Structural Engineer
M. Tech (SWE), B. Tech (CIV)
Reg. Under NKDA
STER/NKDA/1001121
CVR/NKDA/10010177

SIG. OF ENGINEER

CERTIFICATE OF GEOTECHNICAL ENGINEER

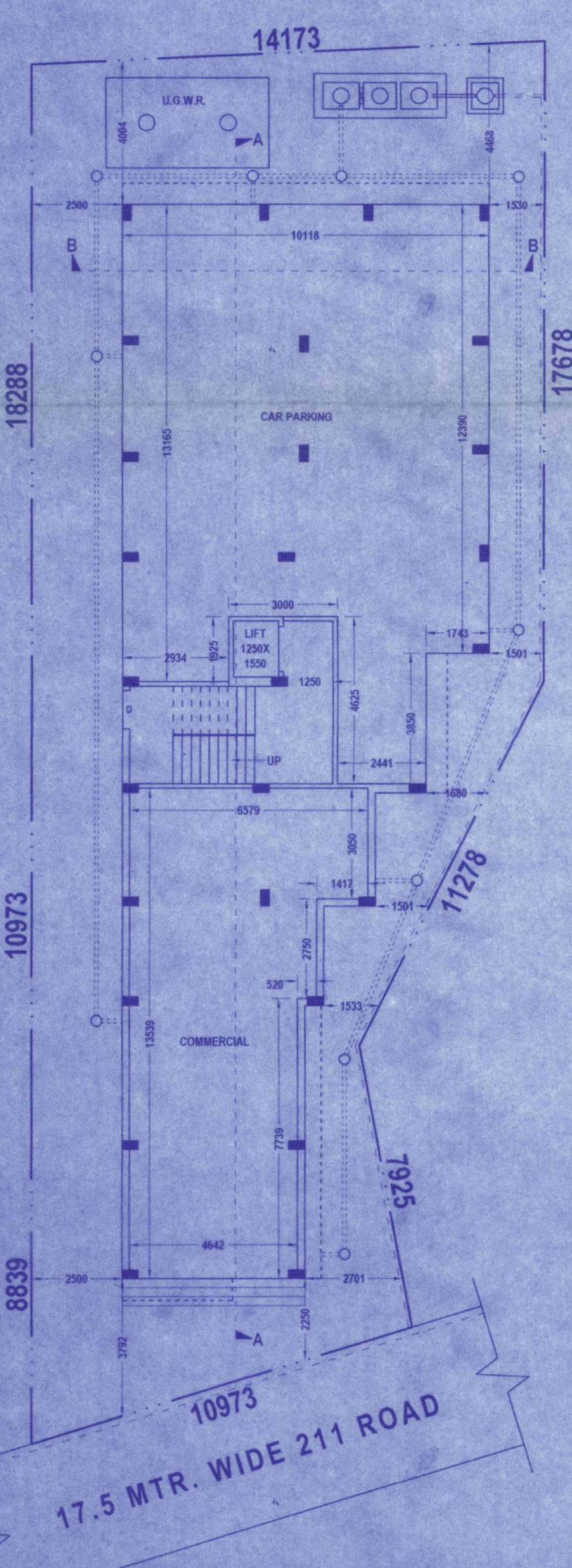
IT IS CERTIFIED THAT COMPREHENSIVE GEOTECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN & CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED I SHALL ALSO CHECK THE 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
B.E. (CIVIL), M.T.E., M.I.S.E., M.I.C.E.
C.E. (SWE) (I & II), ESE (II)
Consulting Chartered Engineer
Structural Chartered Engineer
Structural & Geo-Technical
ESE/0399, LBS-11245,
Reg. Under N.K.D.A.
And ESE-REGD, TECH-4
Recommended by MED, Govt. of WB.

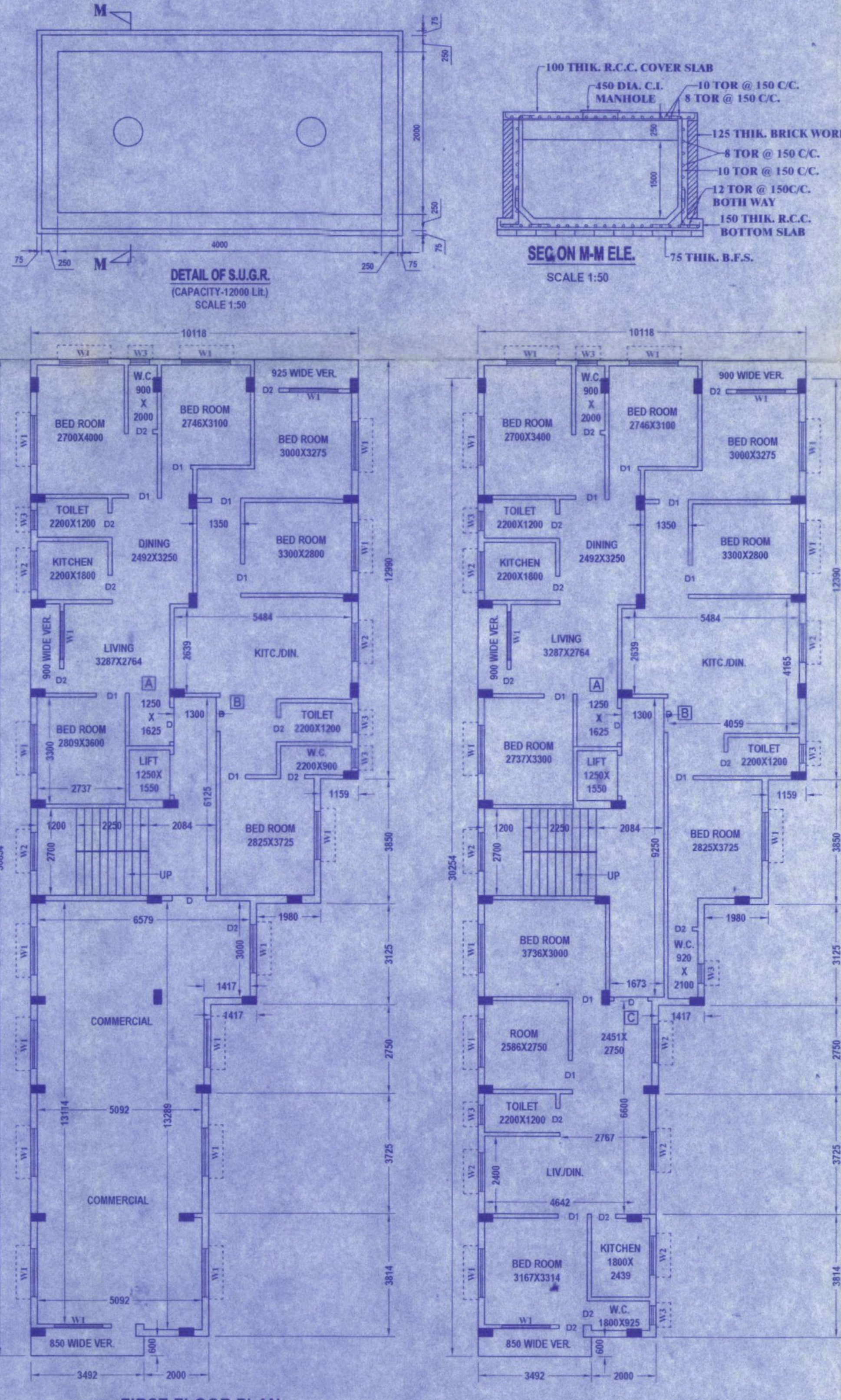
SIG. OF GEOTECHNICAL ENGINEER

Dr. Dipesh Majumdar
BE, ME (STRUCTURE), PHD
Assistant Professor
Department of Construction Engineering
Jadavpur University

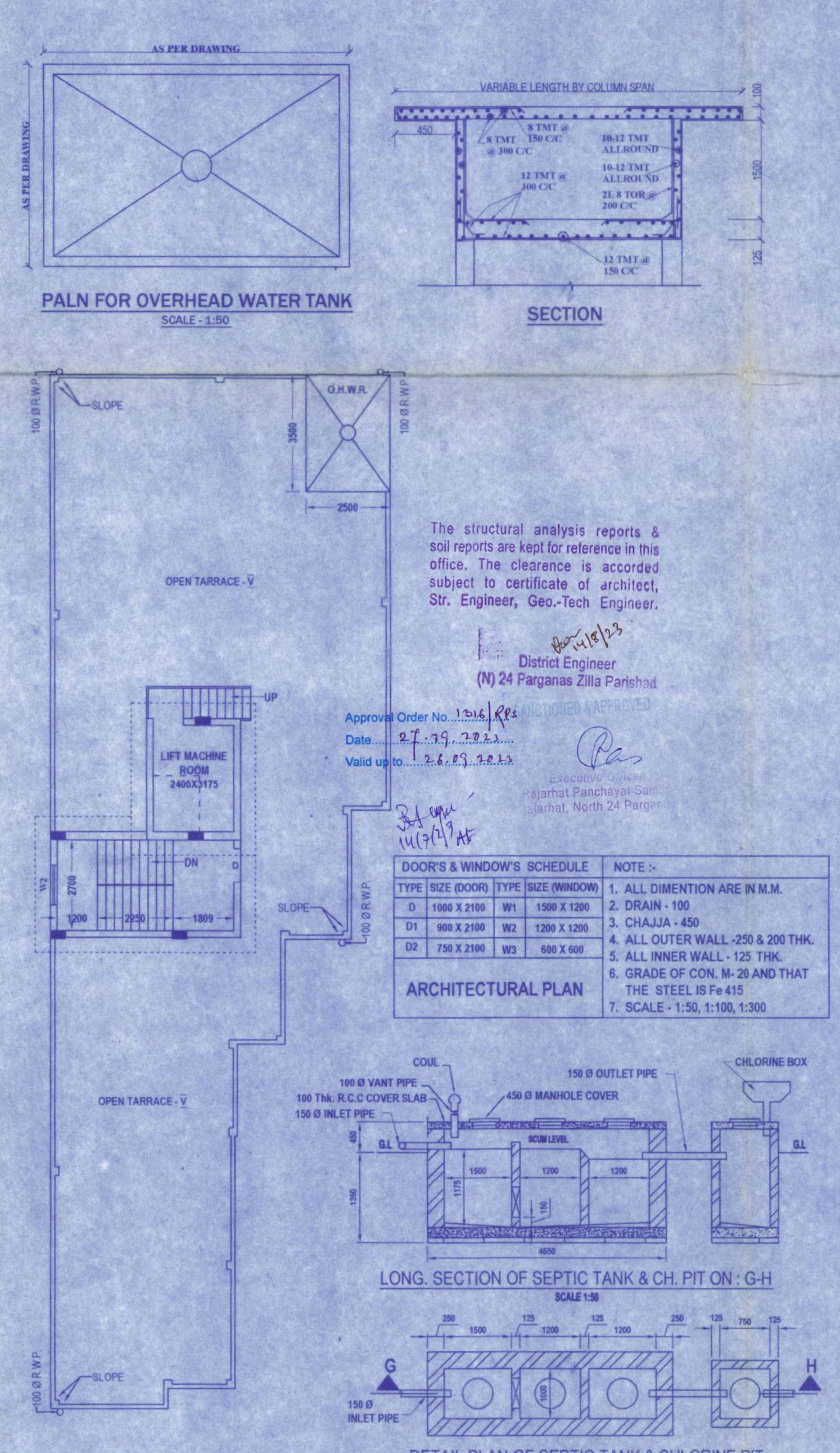
SIG. OF PROFESSOR



GROUND FLOOR PLAN
SCALE - 1:100

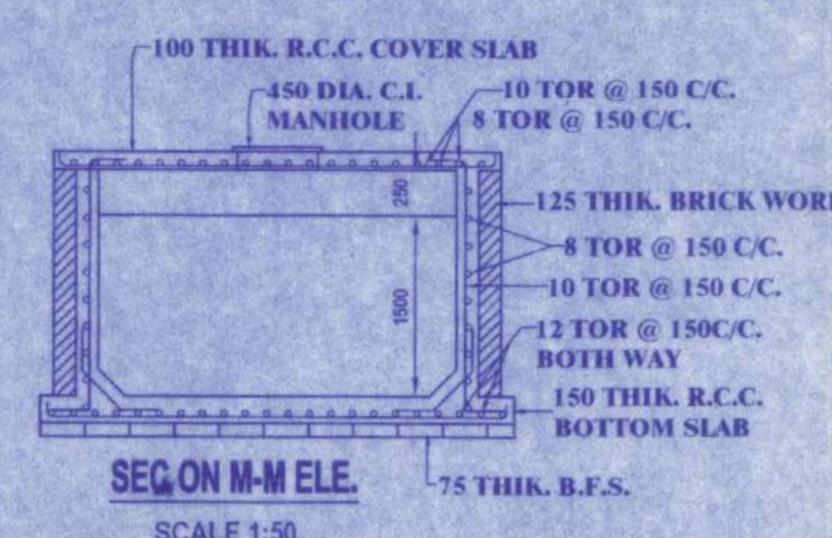


FIRST FLOOR PLAN
SCALE - 1:100



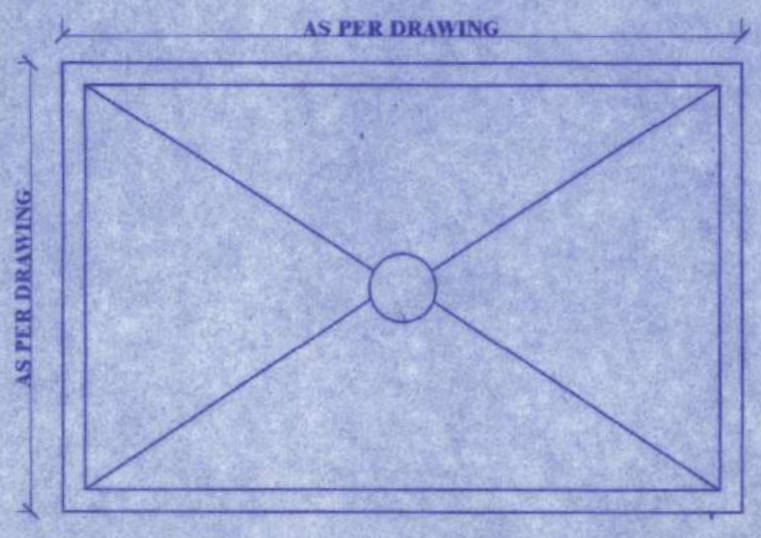
SECOND, THIRD & FOURTH FLOOR PLAN
SCALE - 1:100

ROOF PLAN
SCALE - 1:100

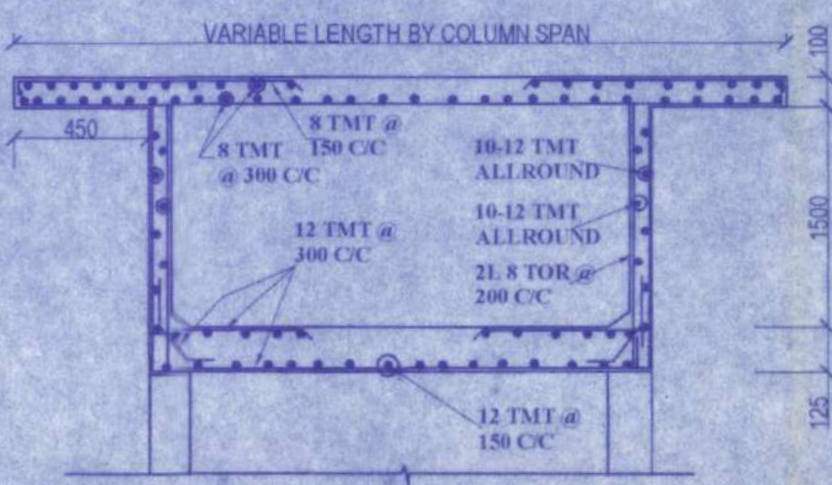


DETAIL OF S.U.G.R.
(CAPACITY-12000 LIT)
SCALE 1:50

SECTION M-M-ELE
SCALE 1:50



PLAN FOR OVERHEAD WATER TANK
SCALE - 1:50



SECTION
SCALE - 1:50

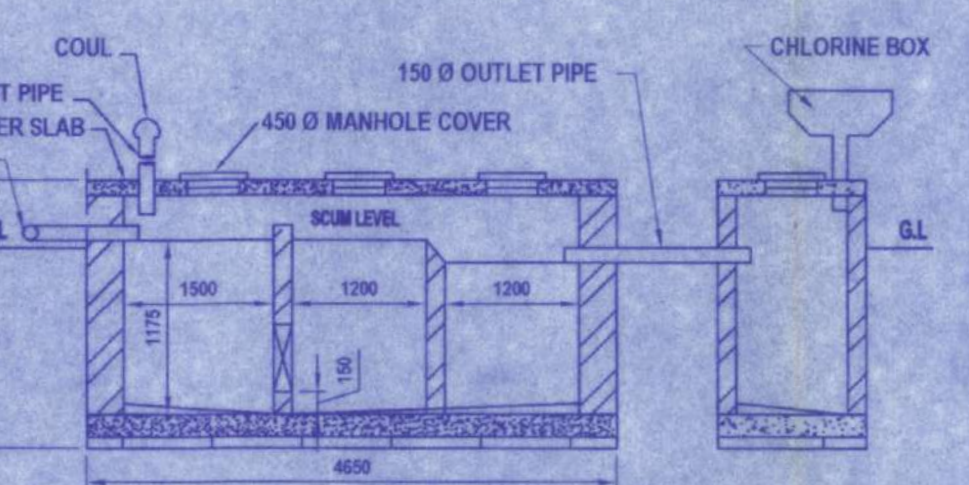
The structural analysis reports & soil reports are kept for reference in this office. The clearance is accorded subject to certificate of architect, Str. Engineer, Geo-Tech Engineer.

District Engineer
(N) 24 Parganas Zilla Parishad

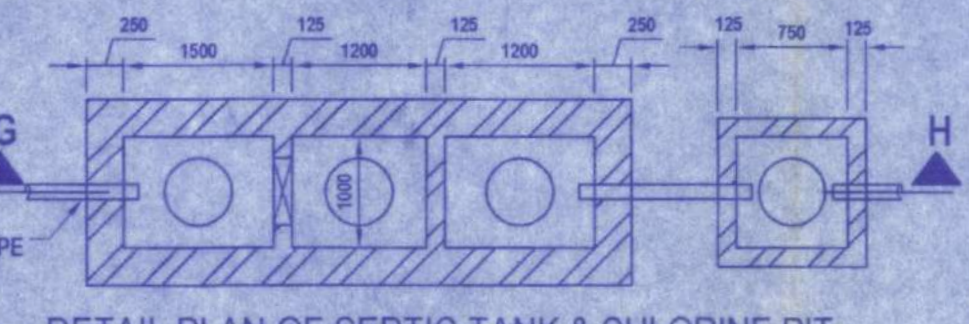
Approval Order No. 1216/KR
Date: 27.09.2023
Valid up to: 26.09.2024

Table with 2 columns: TYPE and SIZE (DOOR) and TYPE and SIZE (WINDOW). Includes notes on dimensions and materials.

ARCHITECTURAL PLAN



LONG SECTION OF SEPTIC TANK & CH. PIT ON : G-H
SCALE 1:50



DETAIL PLAN OF SEPTIC TANK & CHLORINE PIT
SCALE 1:50

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, C3, C4, C5, C7, C8, C10, C11, C12, C15, C16, C17, C18, C19, C20, C21, C24, C28	SIZE: (300x450) 8-20 + 2-16R LINKS: 2L 8 Ø STIRRUPS (2NO)		STIRRUPS: 2L 8 Ø STIRRUPS @ 300 C/C (2 SETS) 2L 8 Ø STIRRUPS @ 300 C/C (1 SET) (ALTERNATIVE)
II	C6, C9, C13, C14, C22, C23, C25, C26, C27	SIZE: (300x450) 10-20 LINKS: 2L 8 Ø STIRRUPS (2NO)		STIRRUPS: 2L 8 Ø STIRRUPS @ 300 C/C (2 SETS) 2L 8 Ø STIRRUPS @ 300 C/C (1 SET) (ALTERNATIVE)

SCHEDULE OF PILE CAP (Fe-500, M=25)

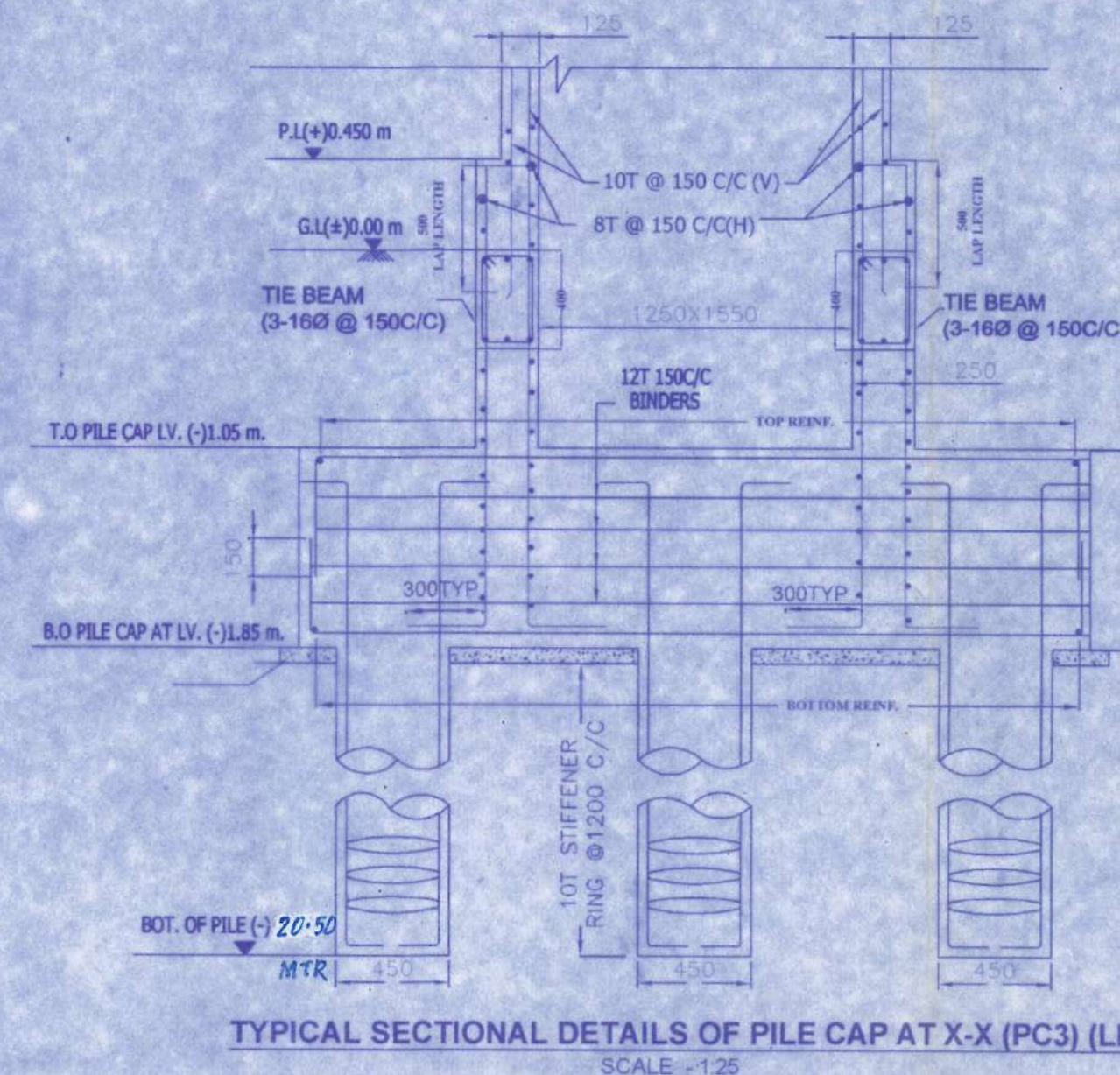
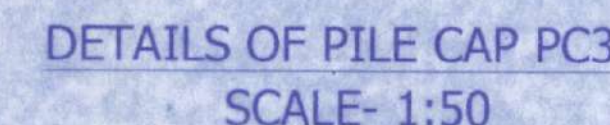
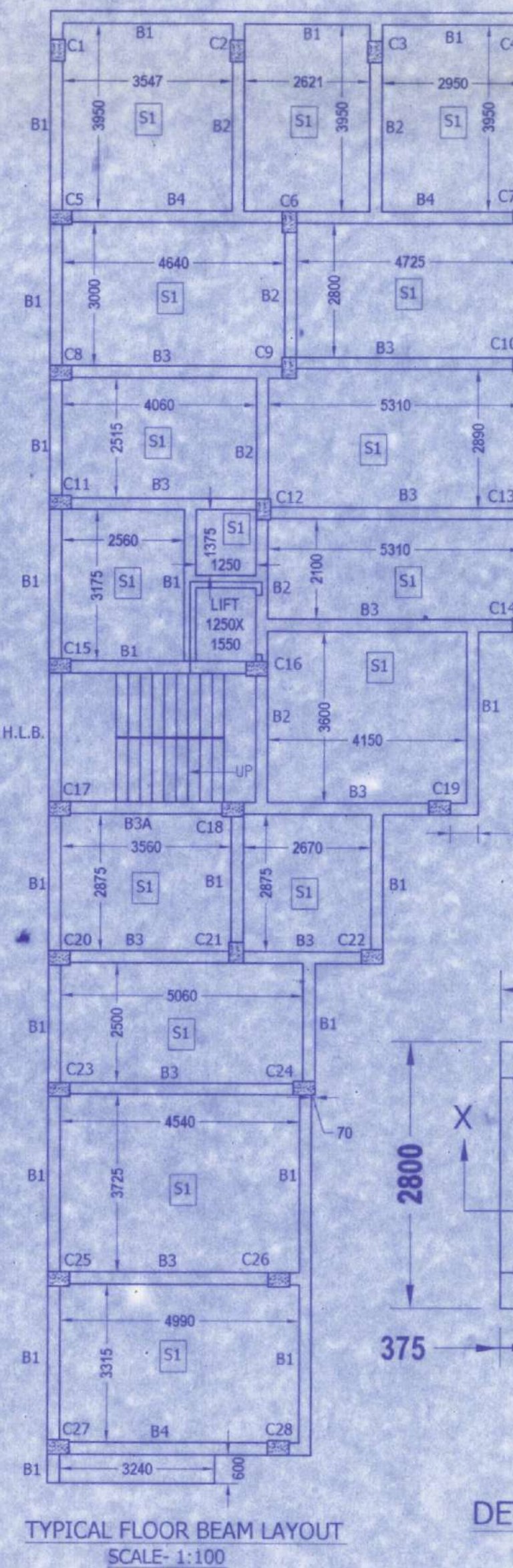
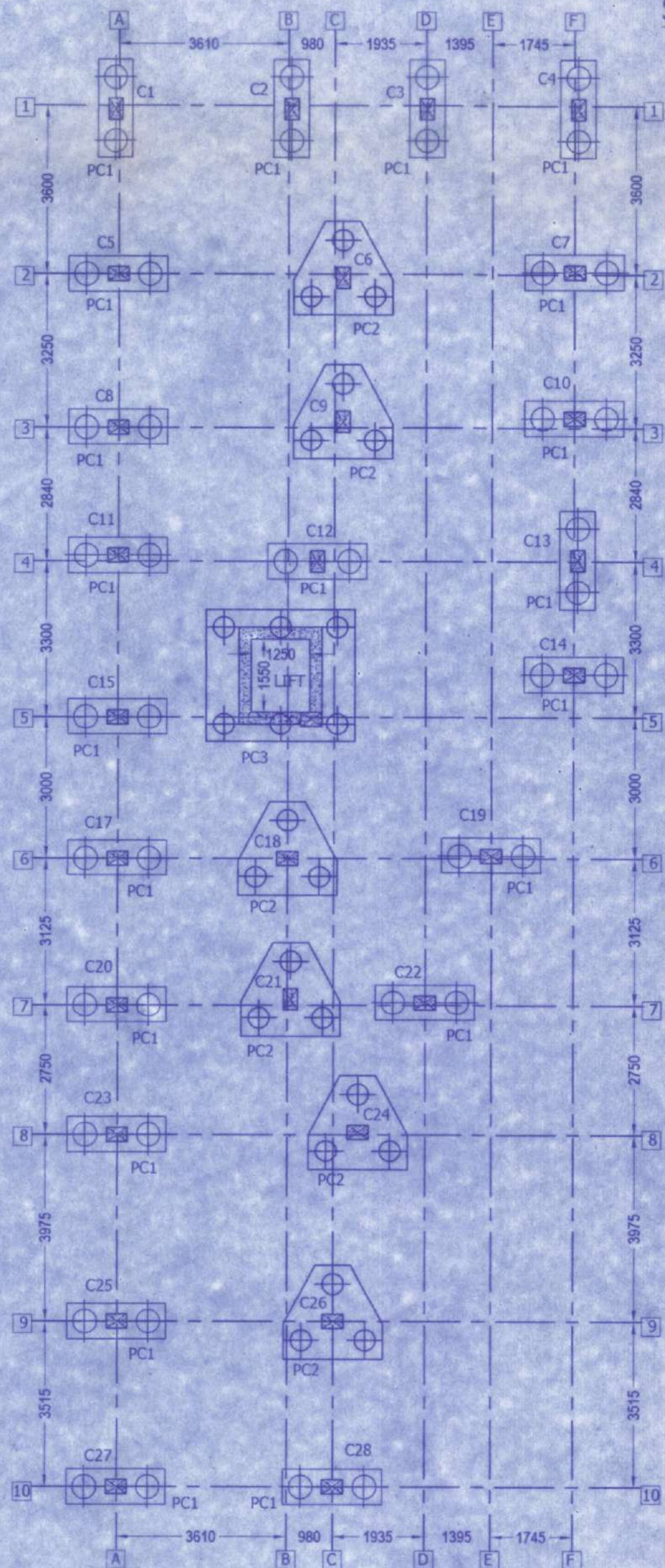
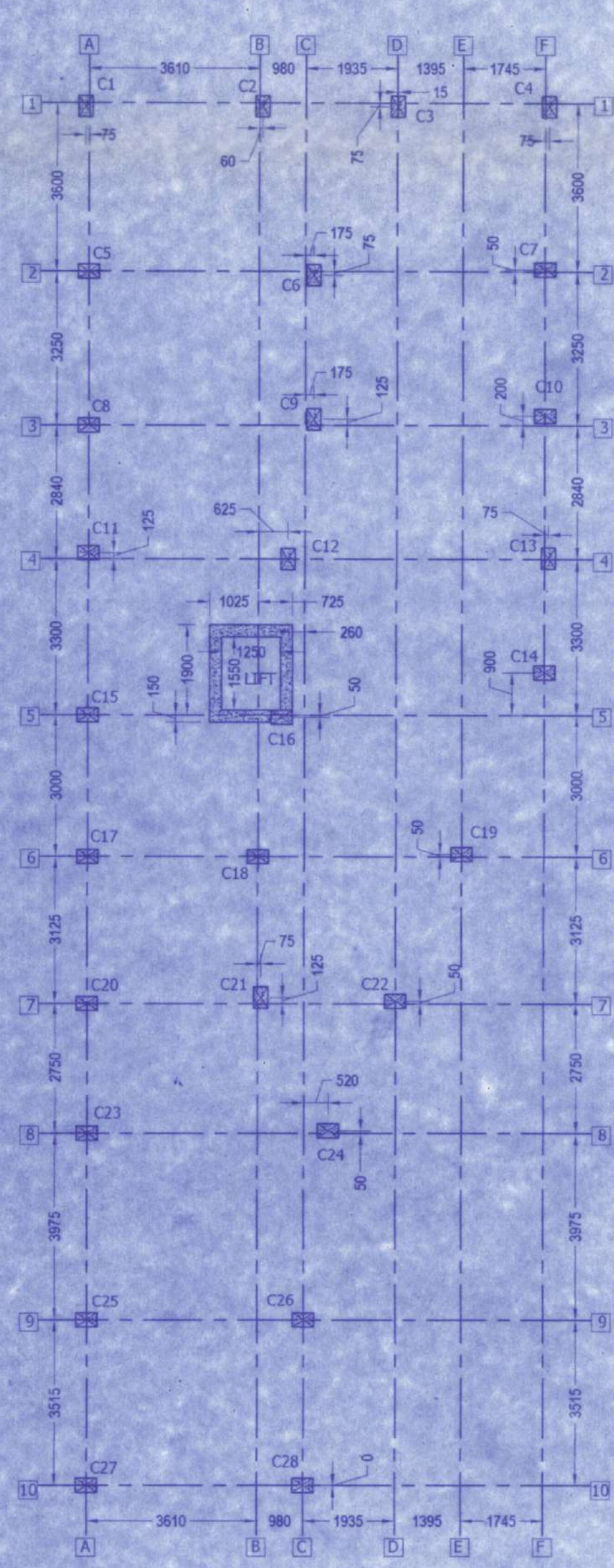
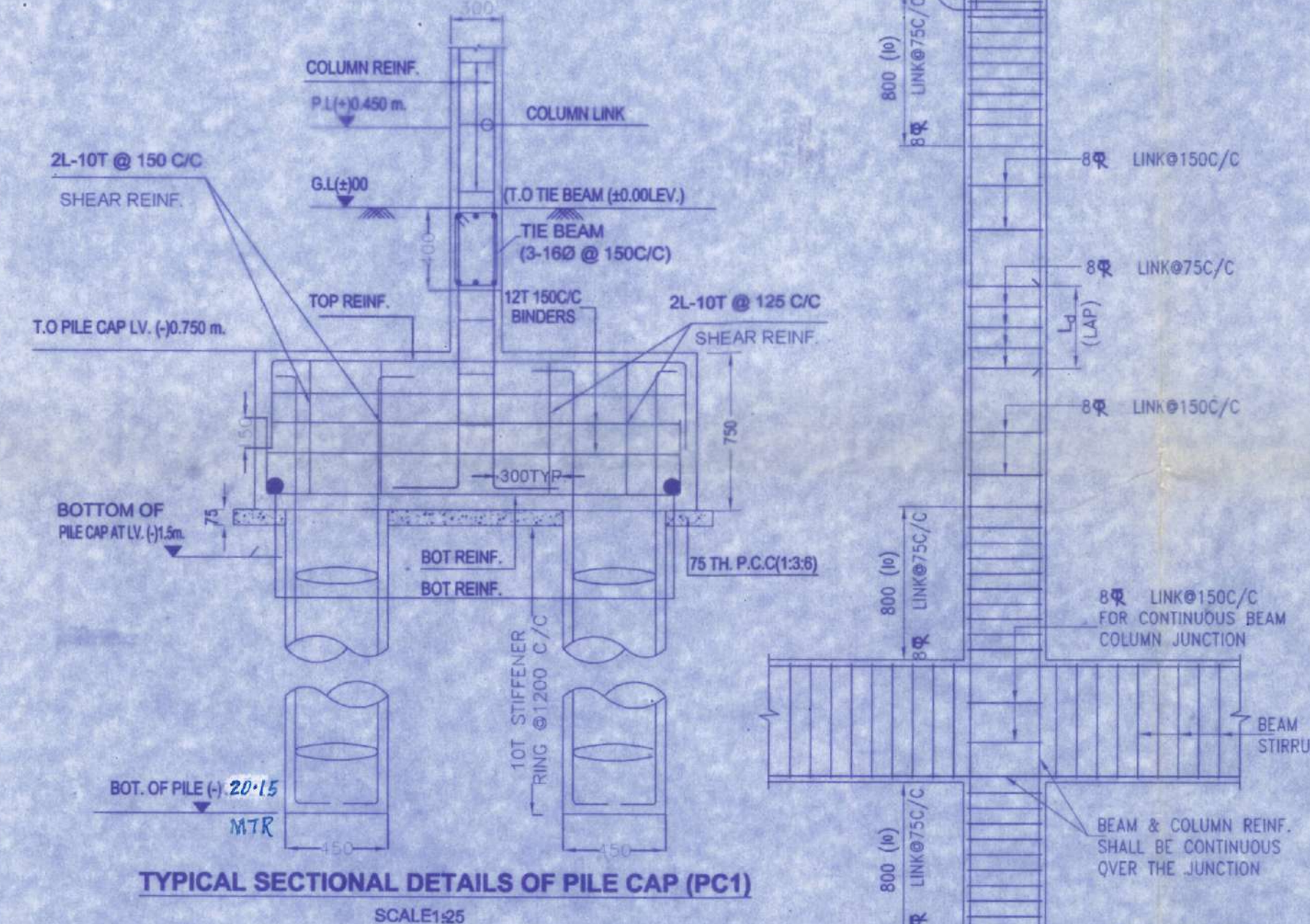
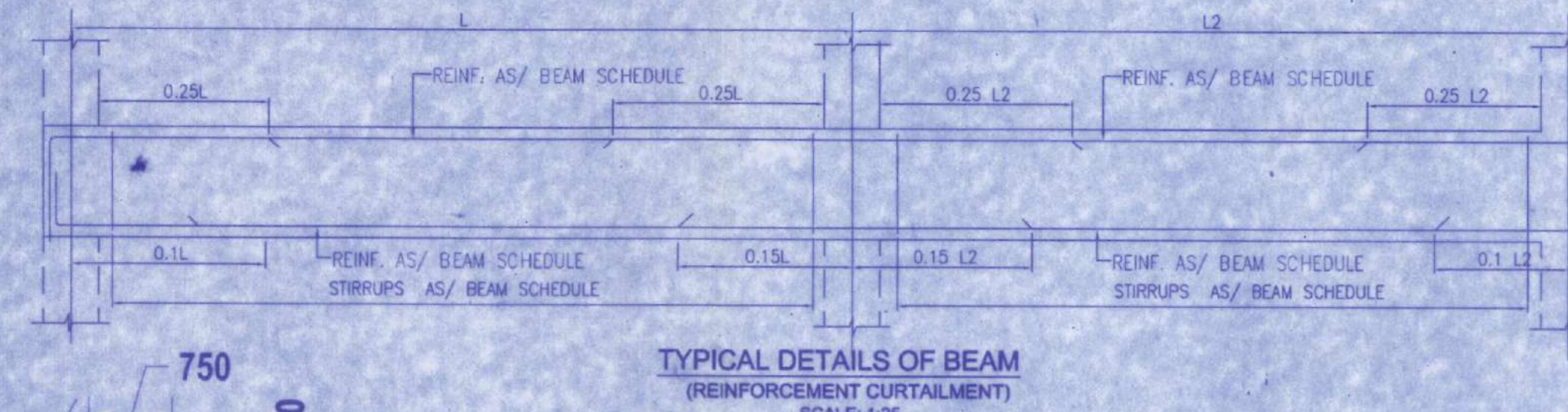
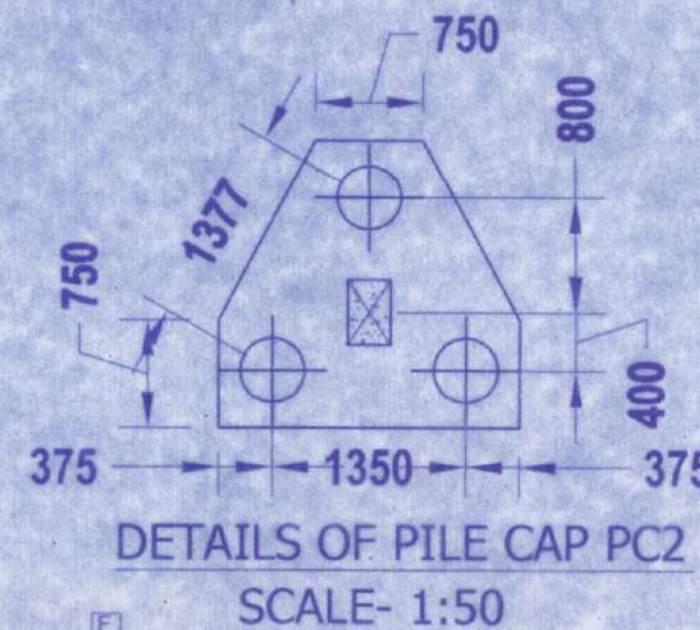
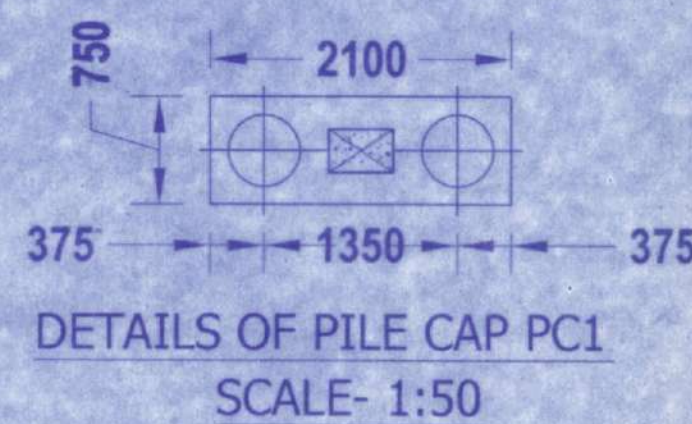
PILE CAP MKD	PILE CAP SIZE (MM)	NO OF PILE	DEPTH OF PILE CAP (MM)	REINFORCEMENT				SHEAR REINF.
				BOT. REINF. (SHORT-DIRC)	BOT. REINF. (LONG-DIRC)	TOP. REINF. (SHORT-DIRC)	TOP. REINF. (LONG-DIRC)	
PC-1	2100x750	2	750	12 Ø @ 125 C/C	16 Ø @ 125 C/C	12 Ø @ 125 C/C	12 Ø @ 125 C/C	2L-10 Ø @ 125 C/C
PC-2	AS PER DRG.	3	750	16 Ø @ 150 C/C	16 Ø @ 125 C/C	12 Ø @ 150 C/C	12 Ø @ 125 C/C	
PC-3	3150x2800	6	850	16 Ø @ 150 C/C	16 Ø @ 150 C/C	12 Ø @ 150 C/C	12 Ø @ 150 C/C	

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

SLAB MKD	THICK (mm)	SHORT SPAN REINFORCEMENT DETAILS		LONG SPAN REINFORCEMENT DETAILS	
		SPAN	SUPPORT	SPAN	SUPPORT
S1	125	8T @ 175 C/C (BOTTOM)	8T @ 175 C/C (EXTRA TOP) 8T @ 350 C/C (BOTTOM)	8T @ 175 C/C (BOTTOM)	8T @ 150 C/C (EXTRA TOP) 8T @ 350 C/C (BOTTOM)
S1A	125	8T @ 150 C/C + 10T @ 150 C/C (ALT) (TOP) 8T @ 150 C/C (BOTTOM)		8T @ 150 C/C (TOP & BOTTOM)	

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

BEAM MKD	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT		REINFORCEMENT DETAILS AT MID SPAN	
		TOP	BOTTOM	TOP	BOTTOM
B1	250x450	3-16T (A.T)	3-16T (A.T)	2L-8T @ 150 C/C	3-16T (A.T) 3-16T (A.T) 2L-8T @ 175 C/C
B2	250x450	3-16T (A.T) 2-12T (E.T)	3-16T (A.T)	2L-8T @ 150 C/C	3-16T (A.T) 3-16T (A.T) 2-12T (E.R) 2L-8T @ 150 C/C
B3	250x450	3-16T (A.T) 2-16T (E.T)	3-16T (A.T)	2L-8T @ 150 C/C	3-16T (A.T) 3-16T (A.T) 2L-8T @ 150 C/C
B3A	250x450	3-16T (A.T) 2-16T (E.T)	3-16T (A.T)	2L-8T @ 150 C/C	3-16T (A.T) 3-16T (A.T) 2L-8T @ 150 C/C
B4	250x450	3-16T (A.T) 3-16T (E.T)	3-16T (A.T)	2L-8T @ 150 C/C	3-16T (A.T) 3-16T (A.T) 2L-8T @ 150 C/C
H.L.B	250x400	3-12T (A.T)	3-12T (A.T)	2L-8T @ 150 C/C	3-12T (A.T) 3-12T (A.T) 2L-8T @ 150 C/C



PROPOSED PLAN FOR G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN OF "GOPAL PODDAR", "BINOD KUMAR PODDAR", "RAJESH KUMAR PODDAR" & "SUNDIP KUMAR PODDAR" AT MOUZA - RECKJOANI, J.L. NO-13, R.S. NO.- 198, R.S. & L.R. DAG NO.- 508, 509 & 512, L.R. KHATIAN NO.- 7564,7565,7566 & 7567, P.S.- RAJARHAT, DIST. (NORTH) 24 PARGANAS, UNDER RAJARHAT BISHNUPUR 1 NO. GRAM PANCHAYET. DEVELOPED BY - VRISA CONSTRUCTION PVT. LTD.

- SPECIFICATIONS :
- ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
 - GRADE OF CONCRETE - M25
 - GRADE OF STEEL - H.Y.S.D. (Fe 500)
 - ALL OTHER STRUCTURAL DETAILS SUCH AS LAPPING, COVER, ETC. AS PER IS-456-2000
 - THIS DRAWING IS TO BE READ IN CONNECTION WITH ARCHITECTURAL DRAWING
 - DO NOT SCALE THE DRAWING, WRITTEN DIMENSIONS ARE TO BE FOLLOWED
 - BASIS OF DESIGN ARE BOTH WORKING STRESS & LIMITING STRESS METHOD
 - ALL DIMENSIONS SHOULD BE CHECKED AT SITE
 - DRAWING SCALES - 1:100, 1:50, 1:25
 - 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 E.T - EXTRA TOP E.B - EXTRA BOTTOM

CERTIFICATE OF OWNER

I SHALL NOT CONSTRUCT THE BUILDING IN DEVIATION OF THE SUBMITTED PLANS AND DRAWINGS.

Constituted Power of Attorney

VRISA CONSTRUCTION PVT. LTD.

Managing Director

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISIONS OF NEW YORK SOLICITORS PLANNING AREA (BUILDING) RULES, 2014. NO SUCH WRONG & INCORRECT INFORMATION HAS BEEN PUBLISHED 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
SIG. OF ARCHITECT

CERTIFICATE OF ENGINEER

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Abhratnu Dhar

Abhratnu Dhar
Structural Engineer
M Tech (Struct), B. Tech (Civil)
Reg. Under NKD, S
STER/NKD/10/00121
CVER/NKD/10/00177
SIG. 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.T.E., M.T.S., I.I.T.242
I.I.T.S. - CHENNAI (M.T.S. CIVIL)
Consulting Chartered Engineer
Structural Designer Engineer
Structural & Geo-Technological
ENGINEERING, I.I.T.S. (I.I.T.S.)
Reg. Under NKD, S
And C.E. (I.I.T.S. CIVIL)
Recommended by MIED, Govt. of W.B.
SIG. OF GEOTECHNICAL ENGINEER

VETTED

Dr. Dipesh Majumdar

Dr. Dipesh Majumdar
B.E. (Mech), M.T.S. (Mech)
Assistant Professor
Department of Construction Engineering
Jadavpur University
SIG. OF PROFESSOR

TITLE:

CENTER LINE OF COLUMN, PILE POINT AND PILE CAP LAYOUT & SCHEDULE, FLOOR BEAM-SLAB LAYOUT & SCHEDULE, TYPICAL DETAILS OF BEAM, COLUMN LONG AND CROSS SECTIONAL DETAILS.

CONSULTANT:

DESIGN CRAFT CONSULTANTS
CONSULTING ENGINEERS
REG. NO. 16436/07
EMAIL: dcm@designcraft.in

REVISION NO. - 0000
DRAWING NO. - STRUC01
DRAWN BY - MILLY SAHA
CHECKED BY - ABH RATNU DHAR