



64

23/16, Mahatma Gandhi Rd
Prantik, Thakurpukur
Kolkata, West Bengal 700104



Directions



Save



Nearby



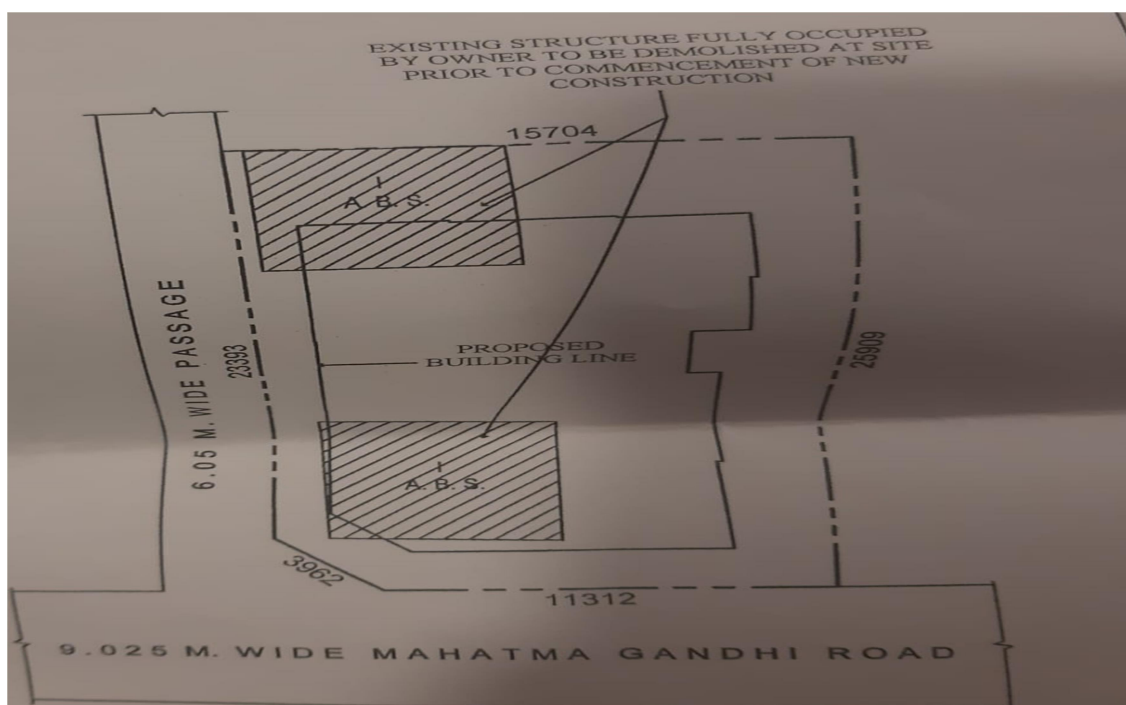
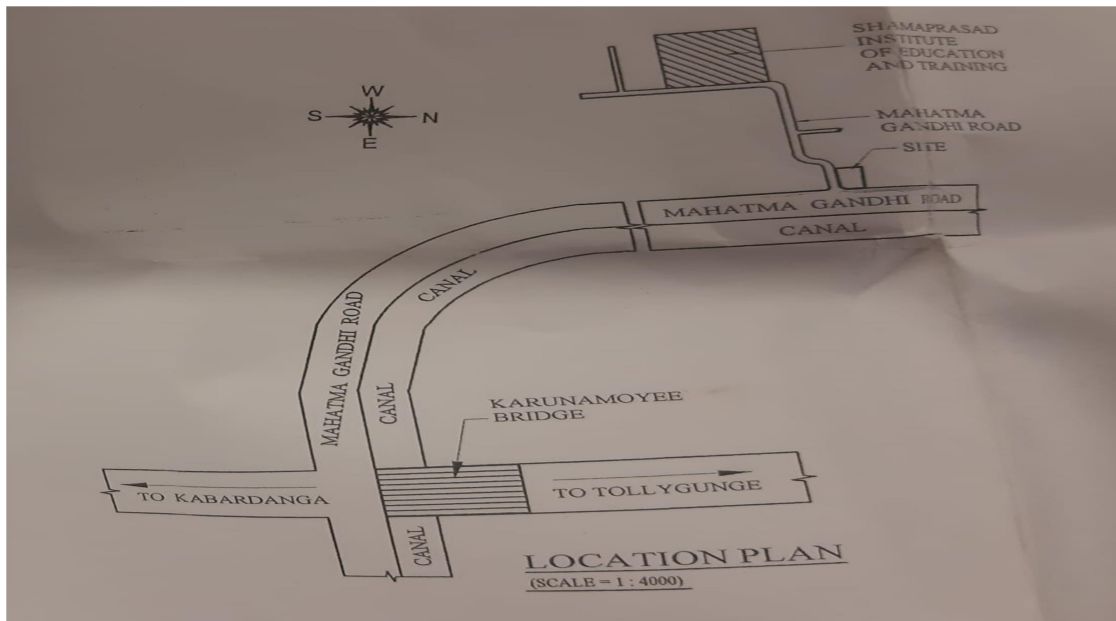
Send to your
phone



Share

Project Name: Phoenix 2

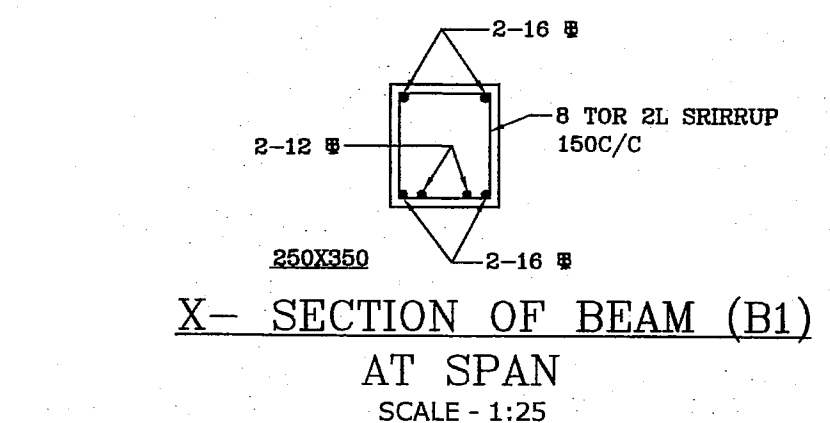
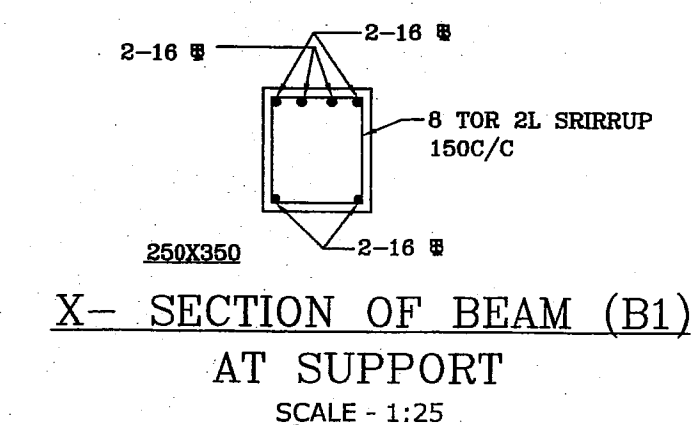
Location 64/16, Mahatma Gandhi Road, Kolkata-700041



SCHEDULE OF FOUNDATION					
DEPTH OF FOUNDATION = 1500 M. BELOW EXT. G.L.					
FOUNDATION MARKED	TYPE OF FOUNDATION	UNDER COLUMN	LENGTH(m)	WIDTH(m)	THICKNESS OF SLAB (MM)
F-1	ISOLATED FOOTING	C-1, C-4	2400	2400	350 TO 200
F-2		C-2, C-3	2600	2600	350 TO 200
F-3	STRIP FOOTING	C-5, C-6, C-7 & C-8	13380	2400	350 TO 200
F-4		C-9, C-10 & C-11	11935	2600	350 TO 200
F-5		C-14, C-17 & C-20	9850	2400	350 TO 200
F-6		C-18 & C-19	8955	2800	350 TO 200
F-7		C-21 & C-22	8960	2400	350 TO 200
F-8	COMBINED FOOTING	C-12, C-13, C-15 & C-16	7550	3975	300

SCHEDULE OF SLAB					
SLAB MARKED	THICKNESS OF SLAB (M.M)	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION	
		AT MIDDLE PORTION	AT END PORTION	AT MIDDLE PORTION	AT END PORTION
S-1	110	8 # @ 150 MM C/C	8 # @ 150 MM C/C (TOP) & 8 # @ 300 MM C/C (BOTTOM)	8 # @ 150 MM C/C	8 # @ 150 MM C/C (TOP) & 8 # @ 300 MM C/C (BOTTOM)
S-2	110	8 # @ 100 MM C/C	8 # @ 100 MM C/C (TOP) & 8 # @ 200 MM C/C (BOTTOM)	8 # @ 100 MM C/C	8 # @ 100 MM C/C (TOP) & 8 # @ 200 MM C/C (BOTTOM)

SCHEDULE OF BEAM						
BEAM MARKED	SIZE OF BEAM (WIDTH x DEPTH) (mm)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUPS
		LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	
B-1	250 X 350	2-16 # (ALTH) + 2-16 # (EXTRA)	2-16 # (ALTH)	2-16 # (ALTH)	2-16 # (ALTH) + 2-12 # (EXTRA)	8 # @ (2-L) 150 MM C/C
B-2	250 X 400	2-20 # (ALTH) + 2-16 # (EXTRA)	2-16 # (ALTH)	2-20 # (ALTH)	2-16 # (ALTH) + 2-16 # (EXTRA)	8 # @ (2-L) 150 MM C/C
B-3	250 X 450	3-20 # (ALTH) + 3-16 # (EXTRA) (2ND LAYER)	3-20 # (ALTH)	3-20 # (ALTH)	3-20 # (ALTH) + 2-16 # (EXTRA) (2ND LAYER)	8 # @ (2-L) 150 MM C/C
B-4	250 X 350	2-12 # (ALTH) + 2-12 # (EXTRA)	2-16 # (ALTH)	2-12 # (ALTH)	2-16 # (ALTH) + 2-12 # (EXTRA)	8 # @ (2-L) 150 MM C/C
B-5	250 X 350	2-16 # (ALTH) + 2-12 # (EXTRA)	2-12 # (ALTH)	2-16 # (ALTH)	2-12 # (ALTH) + 2-12 # (EXTRA)	8 # @ (2-L) 150 MM C/C



SCHEDULE OF TIE-BEAM				
SIZE OF BEAM (WIDTH x DEPTH) (MM)	SUPPORT REINFORCEMENT	SPAN REINFORCEMENT		STIRRUPS
		LONGITUDINAL REINF.	LONGITUDINAL REINF.	
250 X 350	4-12 #	2-12 #	2-12 #	8 # @ 150 MM C/C

- SPECIFICATIONS:-**
- DEPTH OF FOUNDATION IS AT 1.50 M. BELOW EXT. G.L.
 - SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
 - GRADE OF CONC. IS M-20 AND GRADE OF STEEL IS Fe-500.
 - CLEAR COVER TO MAIN REIN. IS AS PER BELOW :-
 - a). FOUNDATION - 75 MM.
 - b). COLUMN - 40 MM.
 - c). BEAM - 25 MM.
 - d). SLAB - 20 MM.
 - ALL SLABS MUST BE CAST MONOLITHIC WITH SUPPORTING BEAM.
 - ALL OTHER SPECIFICATIONS ARE AS PER NATIONAL BUILDING CODE OF INDIA.

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO - TECHNICAL POINT OF VIEW.

ASIM SARKAR
BCE, ME (SOIL), MIGS
EMPANELLED GEOTECHNICAL ENGINEER
K.M.C. No. CLASS-1/2

SIG. OF GEO - TECHNICAL ENG.
ASIM SARKAR
BCE, ME (SOIL), MIGS CLASS - 1/2
20, K.N. SEN ROAD, KOLKATA - 700 042

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING REPORT HAS BEEN DONE BY ASIM SARKAR OF EARTH FILE. THE BEARING CAPACITY OF SOIL HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

D. GHOSH, B.E. (Civil), AMIE
Chartered Engineer
KMC E.S.E-11/228

SIG. OF STRUCTURAL ENG.
DEBABRATA GHOSH
E.S.E. NO. - 11/228
9634, PATHABAKRA ROAD,
KOLKATA - 700 060

CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ADJUTING ROAD IS CONFORM WITH THE PLAN IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK.

AR. DEBASHIS CHOWDHURY
COA. REGN. NO. CA/66/10342

SIGNATURE OF ARCHITECT
DEBASHIS CHOWDHURY
REGISTRATION NO. - CA / 86 / 10342
42A, HARISH MUKHERJEE ROAD,
KOLKATA - 700 025

I DO HERE BY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE ARCHITECT & E.S.E. DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF ARCHITECT & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF U.G.W.R. & SEPTIC TANK TAKEN UNDER THE GUIDANCE OF ARCHITECT / E.S.E. BEFORE STARTING OF BUILDING FOUNDATION.

Gautam Sureka
Constitute Attorney holder of :
M/S SHREE NIL MADHAV
CONSTRUCTION PVT. LTD.
SIGNATURE OF OWNER
GAUTAM SUREKA
CONSTITUTED ATTORNEY OF
M/S. SHREE NIL MADHAV
CONSTRUCTION PVT. LTD.
7, JATINDRA MOHAN AVENUE
KOLKATA - 700 006

PROPOSAL OF G + IV STORIED (15.5 M. HEIGHT) RESIDENTIAL BUILDING U/S 393 A OF K.M.C. ACT 1980 COMPLYING WITH BUILDING RULE 2009 AT PREMISES NO. 64/16, MAHATMA GANDHI ROAD, WITHIN KMC WARD NO. 115, BOROUGH NO. XIII, UNDER P.S. HARIDEVPUR, KOLKATA - 700 041, DISTRICT - 24 PGS. (S).

SHEET TITLE : STRUCTURAL PLAN.

SHEET CONTENT : FOUNDATION, BEAM, TIE BEAM, SCHEDULES

DRAWN BY - BJOY

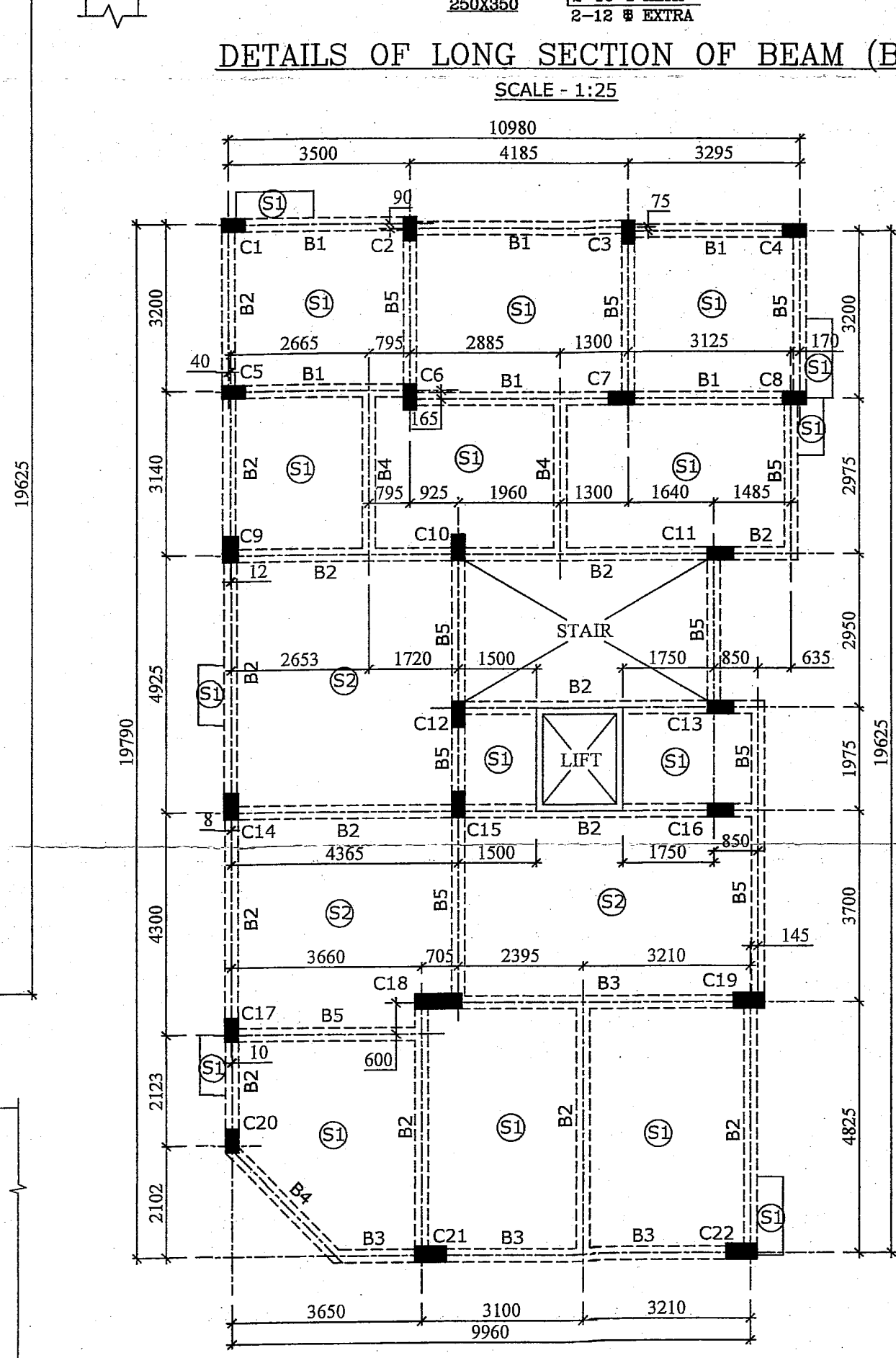
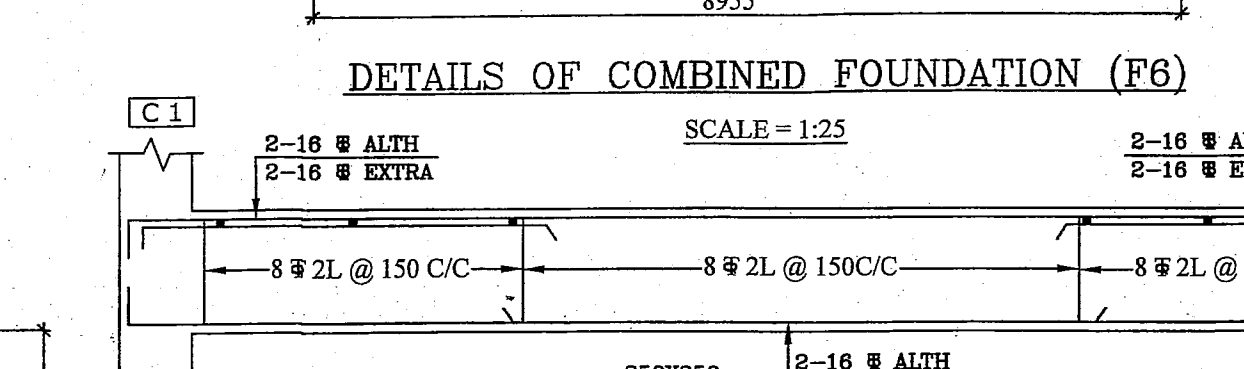
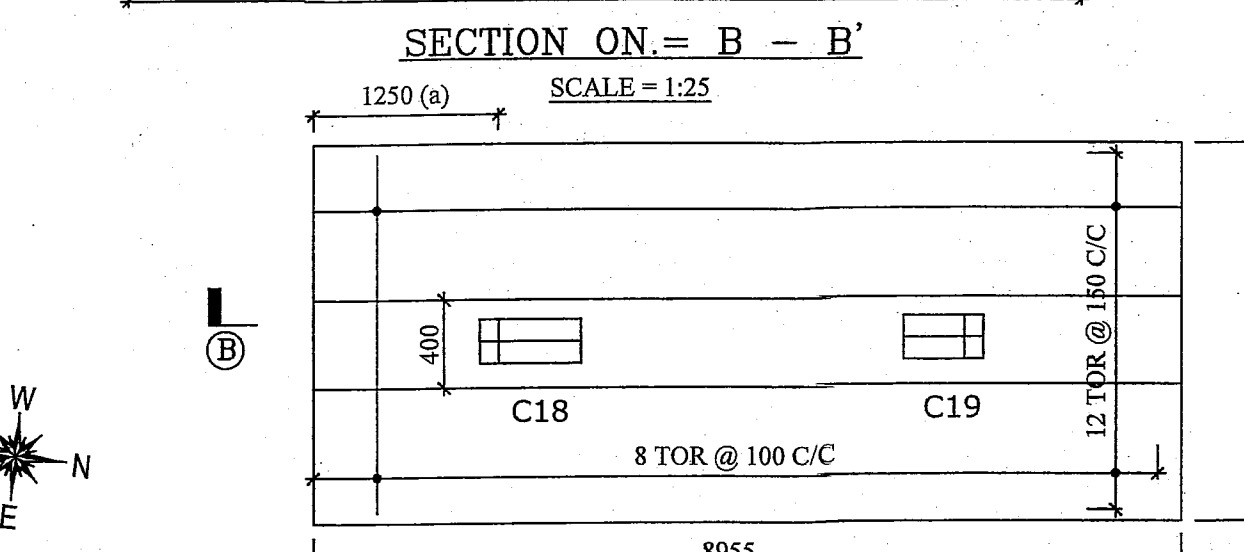
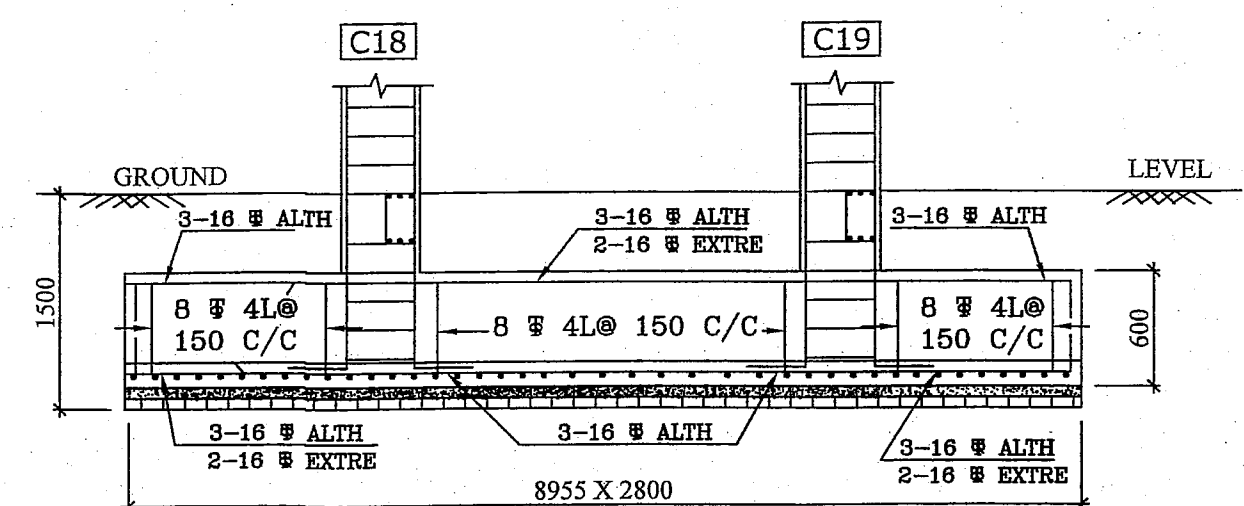
DATE - 23.12.2019

SCALE - 1:50, 1:100, 1:200
1:600, 1:4000

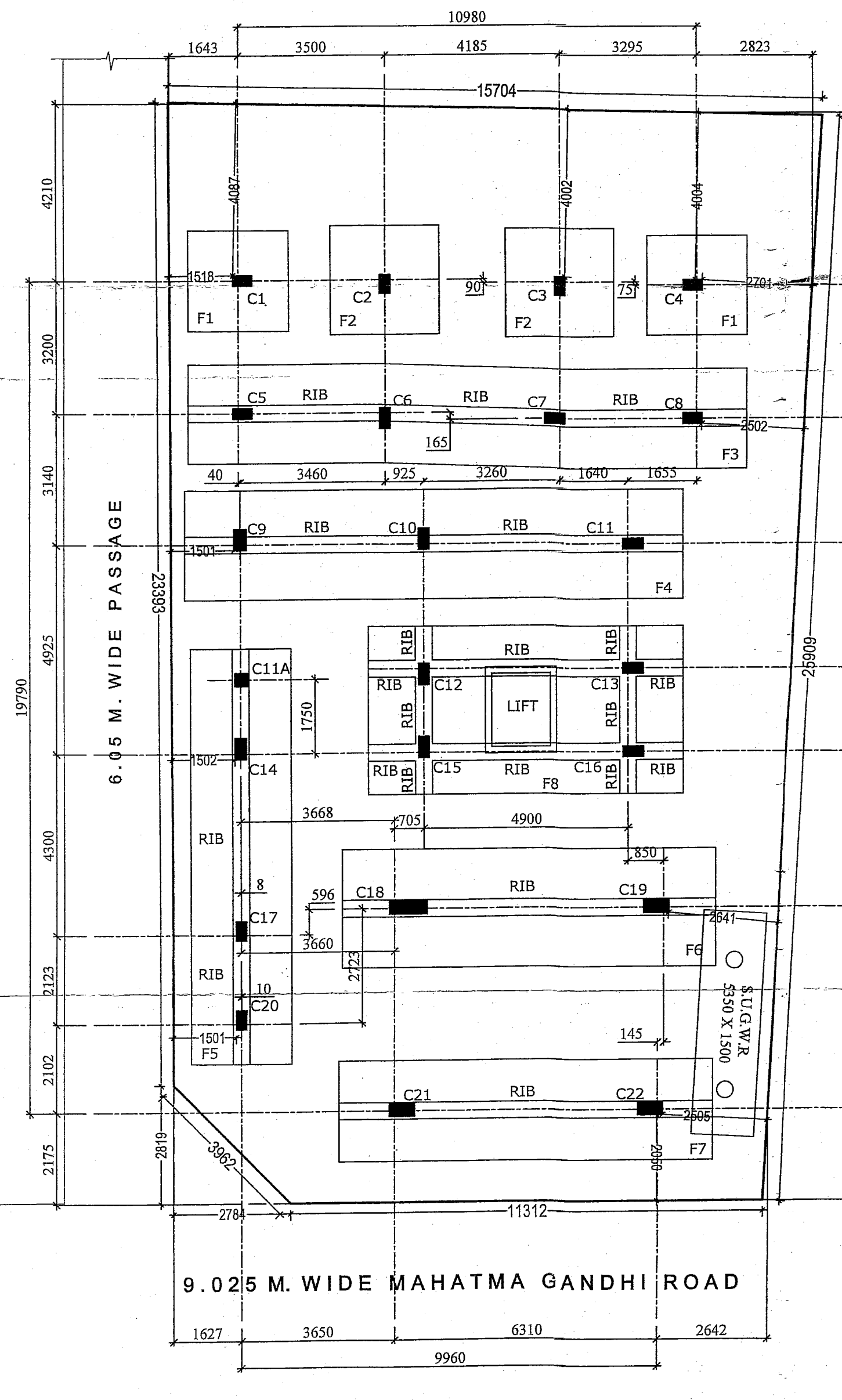
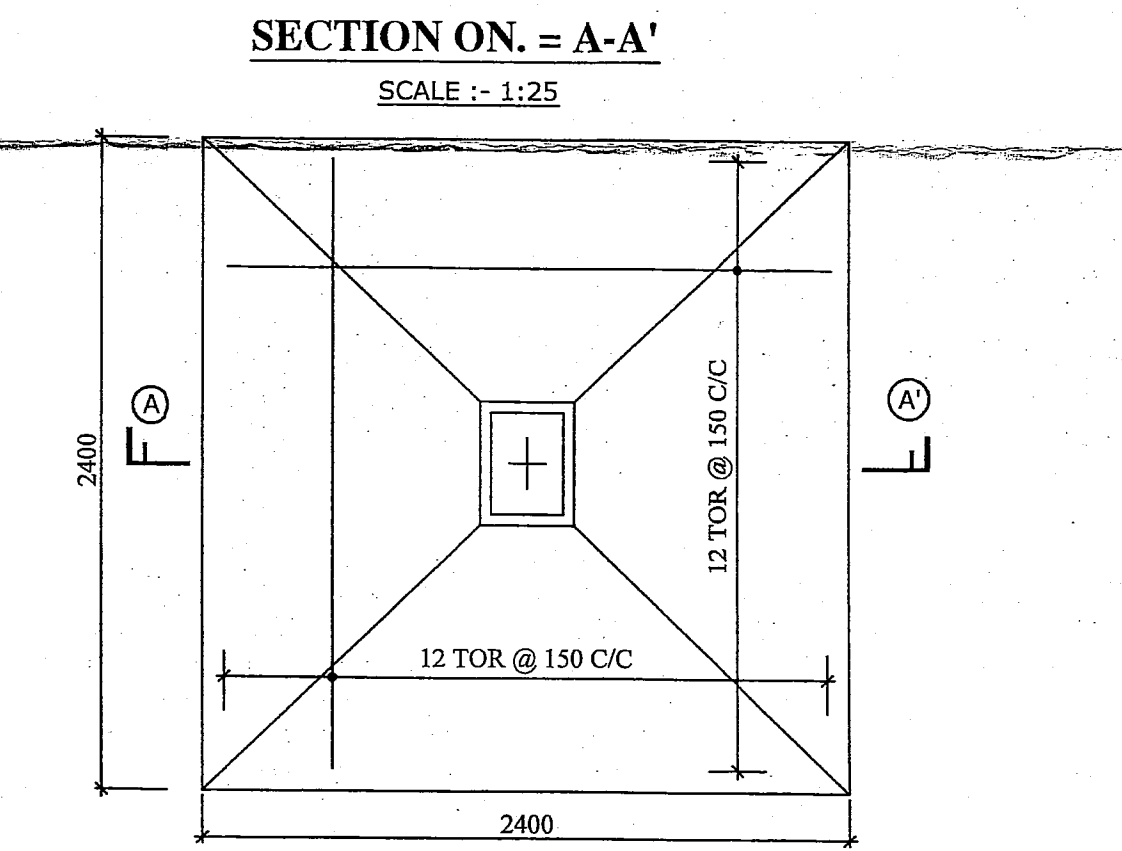
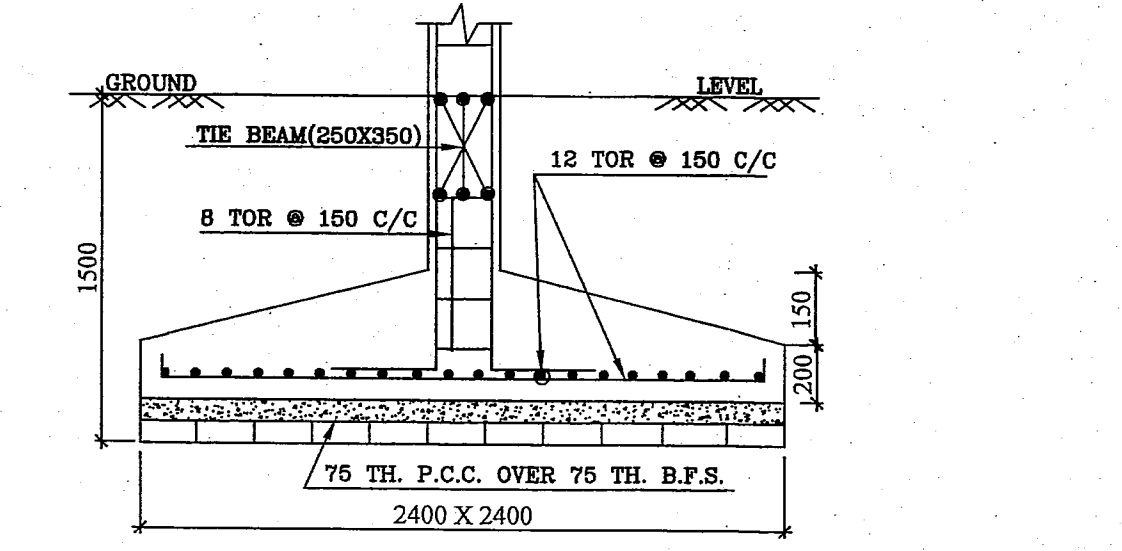
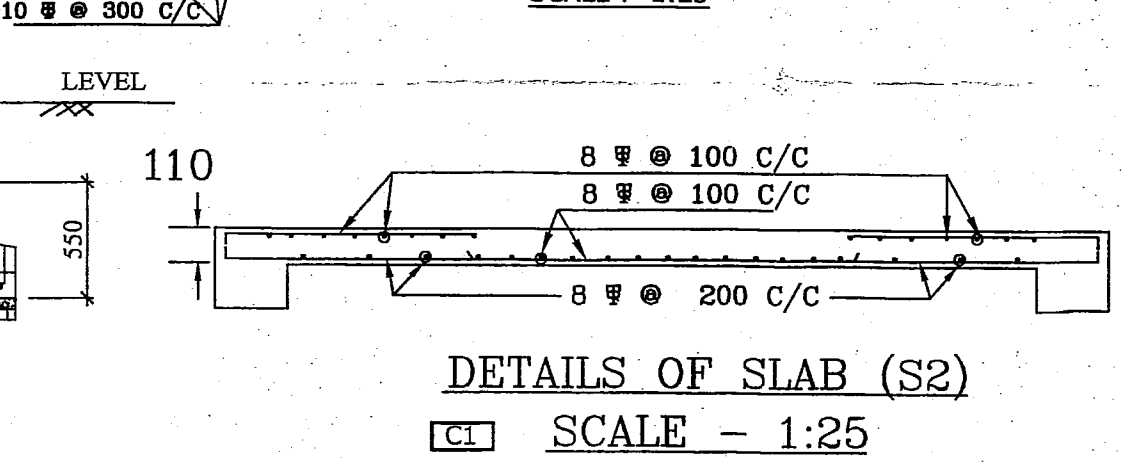
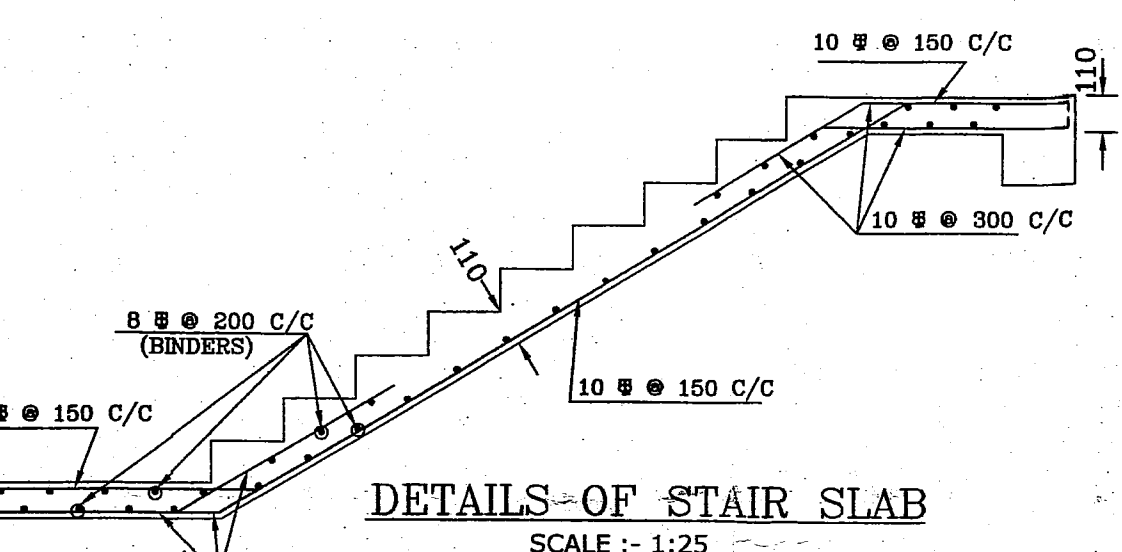
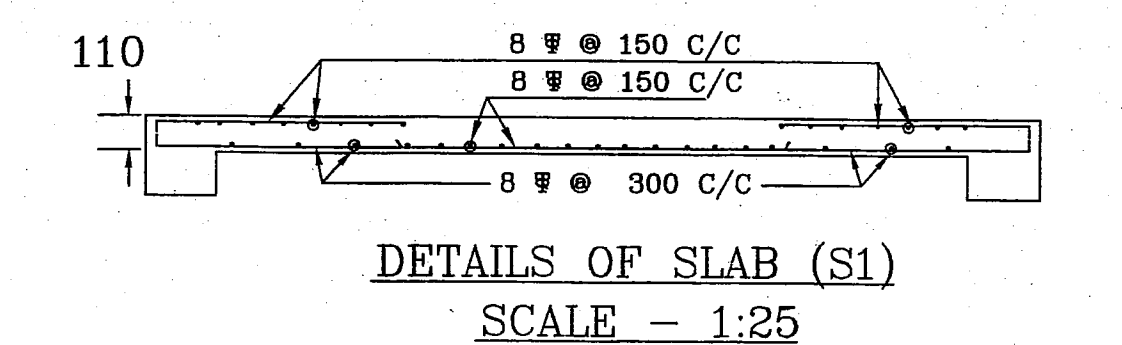
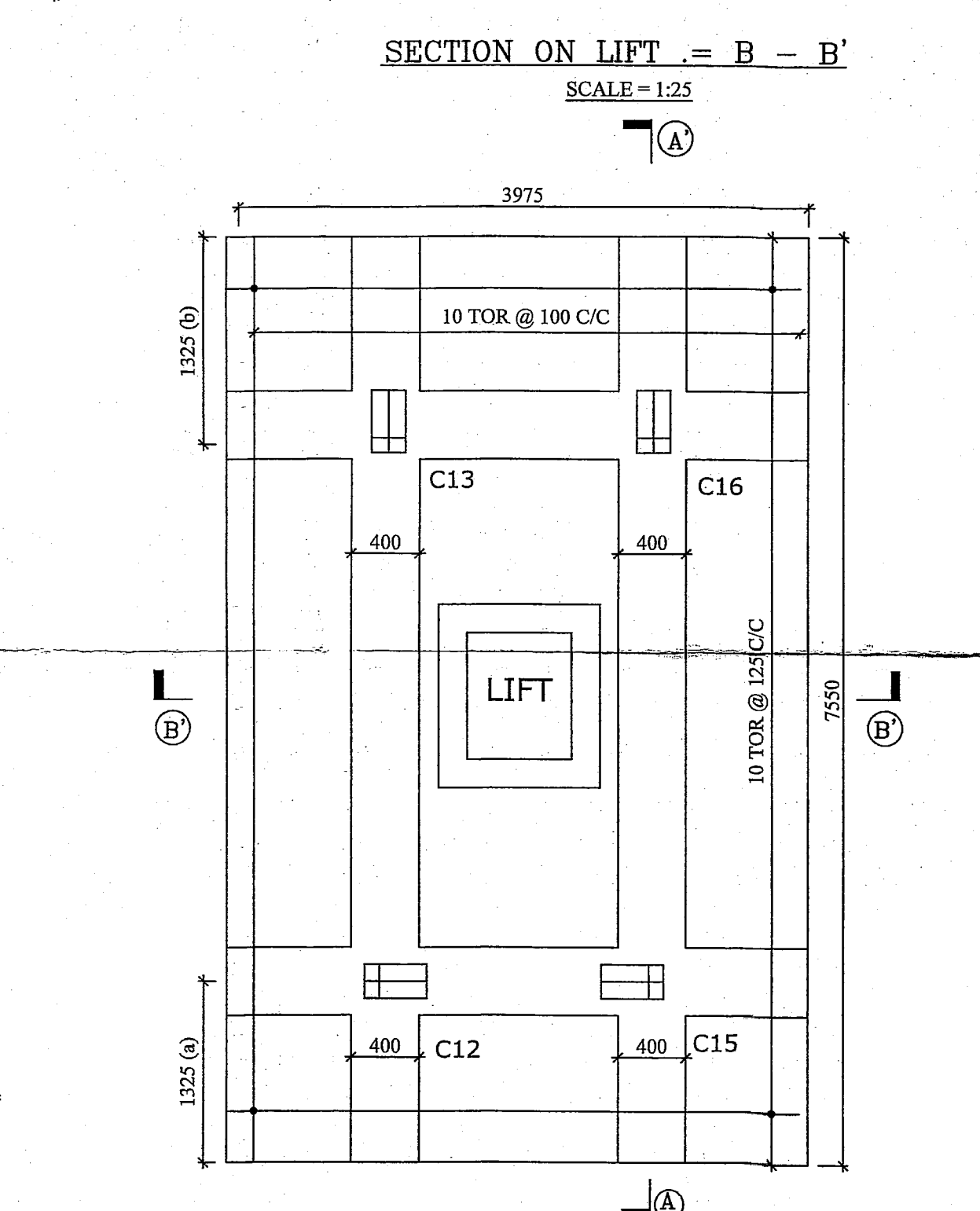
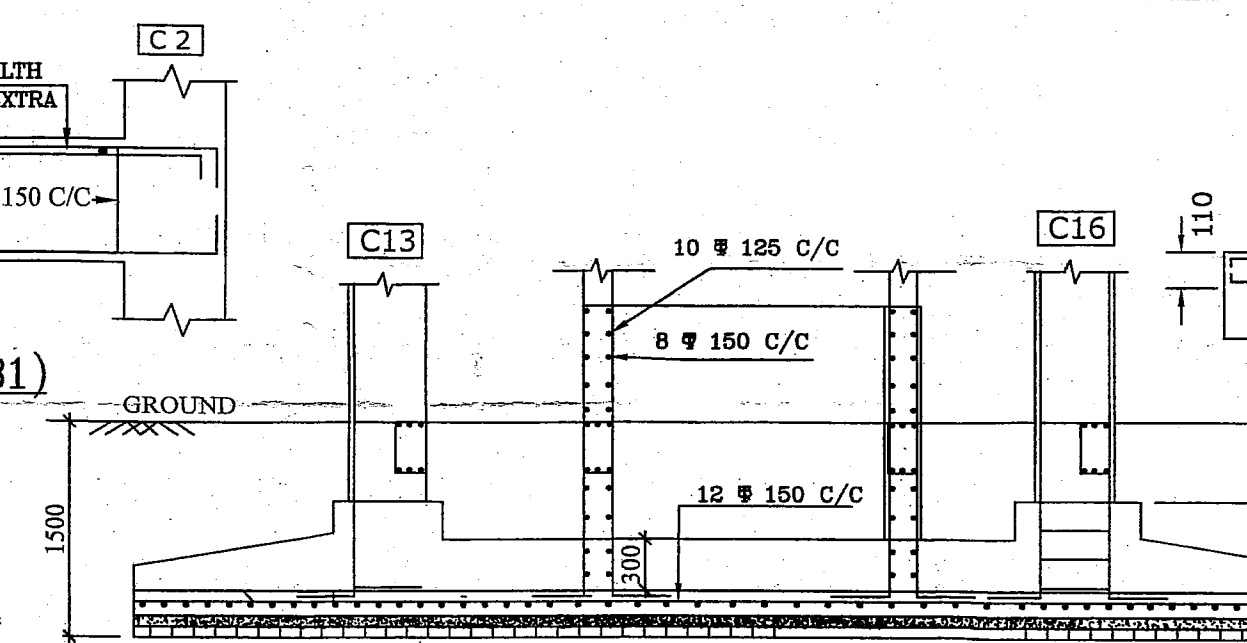


42A, Harish Mukherjee Road,
Anahata, 1st Floor,
Kolkata - 700025
+91 93 2454 2709
akritiarchitect@gmail.com
akritiarchitects.com

SCHEDULE OF RIB-BEAM						
RIB BEAM UNDER FDN. MKD.	SIZE OF BEAM (WIDTH x DEPTH) (MM)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUPS
		LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT	
F-3, F-5, F-7, F-8	400 X 500	3 NOS. 16 # (ALTH)	3-16 # (ALTH) + 2-16 # (EXTRA)	3-16 # (ALTH) + 2-16 # (EXTRA)	3 NOS. 16 # (ALTH)	8 # 4L @ 150 MM C/C
F-4, F-6	400 X 600	3 NOS. 16 # (ALTH)	3-16 # (ALTH) + 2-16 # (EXTRA)	3-16 # (ALTH) + 2-16 # (EXTRA)	3 NOS. 16 # (ALTH)	8 # 4L @ 150 MM C/C



SCHEDULE OF COLUMN		
COLUMN MARKED	COLUMN SIZE & REINFORCEMENT FROM FOUNDATION TO 2ND FLOOR LEVEL	
	COLUMN SIZE & REINFORCEMENT FROM 2ND FLOOR LEVEL TO ROOF LEVEL	COLUMN SIZE & REINFORCEMENT FROM 2ND FLOOR LEVEL TO ROOF LEVEL
C-1, C-2, C-3, C-4, C-5, C-8, C-17, C-20	250 X 450 8 NOS. 16 #	250 X 450 4 NOS. 16 # + 4 NOS. 12 #
C-6, C-7, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16	250 X 500 12 NOS. 16 #	250 X 500 6 NOS. 16 # + 6 NOS. 12 #
C-19, C-21, C-22	300 X 600 10 NOS. 20 #	300 X 600 4 NOS. 20 # + 6 NOS. 16 #
C-18	300 X 900 12 NOS. 16 #	300 X 900 6 NOS. 16 # + 6 NOS. 12 #
C-11A	300 X 300 8 NOS. 16 #	



COLUMN & FOUNDATION LAYOUT PLAN.
SCALE - 1 : 100

BEAM & SLAB LAYOUT PLAN
SCALE: -1:100

DETAILS OF LIFT FOUNDATION
SCALE - 1:25

DETAILS OF ISOLATED FOUNDATION (F1)
SCALE - 1:25

CERTIFIED COPY

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPARTMENTS
CERTIFIED COPY OF B.S. PLAN
No. 2019/30293 Dtd. 01/01/2020
Borough No. XIII
[Signature] Asst. Engineer *[Signature]* Executive Engineer

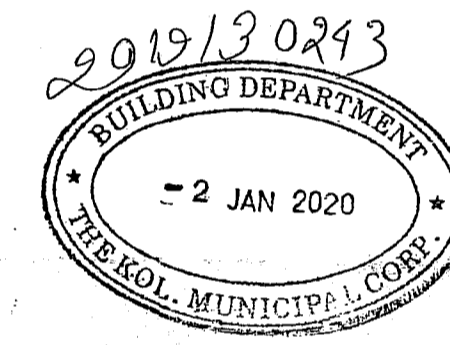
RESIDENTIAL BUILDING

DEVIATION WOULD MEAN DEMOLITION

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

THE SANCTION IS VALID UP TO 01/01/2025

Structural plan and design calculation as submitted by the structural engineer have been kept with B. P. No. 2019/30293 Dtd. 01/01/2020 for record of the Kolkata Municipal Corporation. Verification No. 2019/30293 Dtd. 01/01/2020 is issued from the submitted structural plan should be made at the time of execution without extracting from structural plan along with design calculation and stability certificate in the prescribed form. Necessary steps should be taken for the safety of the adjoining citizens public and private properties and safety of human life during construction.
[Signature]
Asst. Engineer/Technical Advisor / Executive Engineer
BOROUGH NO.- XIII, XIV



Re: Pre No. 64/16 M.G.Road, Kolkata

SPECIFICATIONS:

STRUCTURE	: RCC Framed Structure.
EXTERIOR	: To Be Finished With Suitable Weather Proof Paint.
INTERIOR WALLS	: Bricks Wall with Cement Plaster and Pop Finish.
LOOBY	: Elegant Vitrified Tiles.
FLOORING	: Marble.
PATHWAY	: Elegant Coloured Pavers Block.
STAIRWAY	: Marble.
WINDOWS	: Anodized Aluminium Windows.
TOILET	: Marble Flooring, Glazed Ceramic Tiles up to 7ft Height on Walls.
KITCHEN	: Heavy Duty semi Glazed Ceramic Tiles on Floor. Glazed Ceramic Tiles up to 2 Ft. above dodo, Black Granite Cooking Platform with Stainless Steel Sink.
DOORS	: Decorative Wooden Panelled Doors in Main entrance with night latch. IS approved flush doors in Bed room, kitchen, veranda. toilet WC.
HARDWARE	: Brass or Stainless Steel hardware fitting of reputed make.
ELECTRICAL	: Concealed insulated copper wire modular switches, cable TV, Telephone, intercom points in each flat.
WATER SUPPLY	: 24 Hour Uninterrupted.
SANITARY FITTINGS & FIXTURES	: Ceramic basins & water closet of reputed make, wall mixture & other fittings of MARC.
COMMON FACILITIES	: 1) Five passenger lift. 2) Standby Generator for lift & common area & emergency load for each flat at extra cost. 3) Security goomty for 24 hour duty

