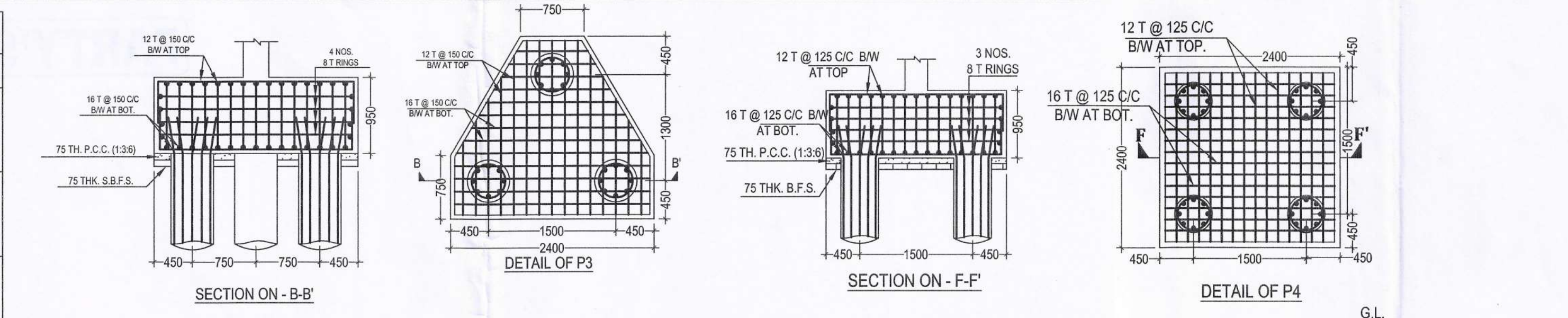
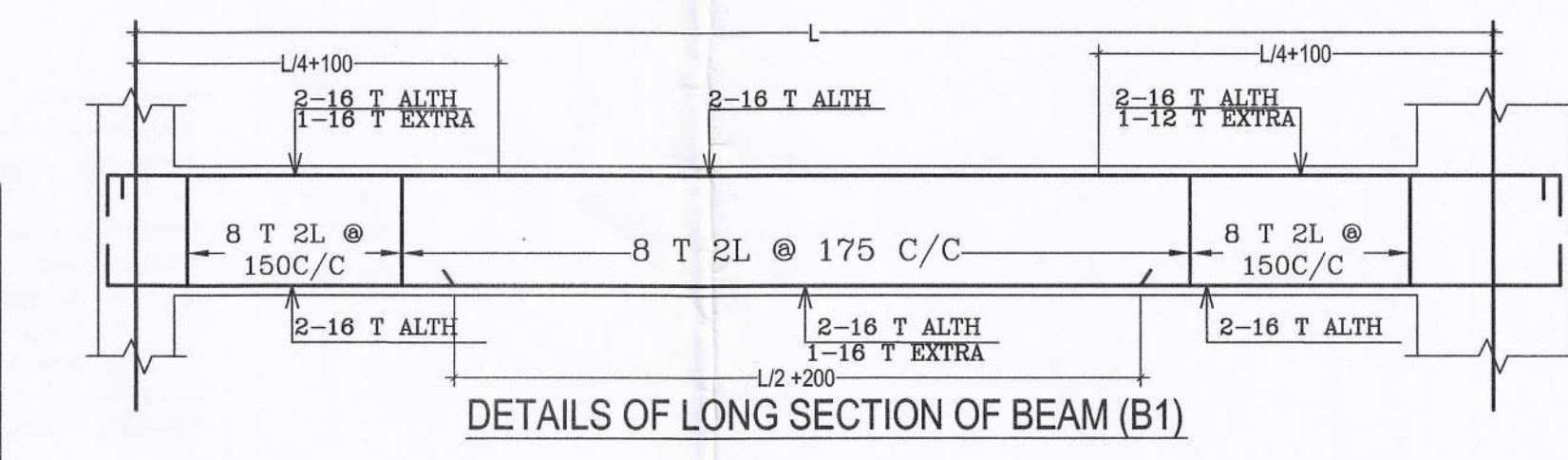


SCHEDULE OF R.C.C. BEAMS				
BEAM MKD.	SIZE	AT SUPPORT	AT MID SPAN	STIRRUPS SUPPORT/SPAN
B1	250X400	TOP: 2-16 T ST. BOT: 2-16 T ST.	TOP: 2-16 T ST. BOT: 2-16 T ST. 1-16 T EXT.	8 T @ 200 C/C
B2	250X400	TOP: 2-16 T ST. 2-16 T EXT. BOT: 2-16 T ST.	TOP: 2-16 T ST. BOT: 2-16 T ST. 2-12 T EXT.	8 T @ 150 C/C
B3	250X450	TOP: 2-20 T ST. 2-20 T EXT. BOT: 2-16 T ST.	TOP: 2-20 T ST. BOT: 2-16 T ST. 2-20 T EXT.	8 T @ 125 C/C
B4	250X450	TOP: 3-20 T ST. +2-20 T ST. BOT: 2-16 T ST.	TOP: 3-20 T ST. +2-20 T ST. BOT: 2-16 T ST.	8 T @ 110 C/C
B5	500X125	TOP: 3-16 T ST. +2-12 ST. BOT: 3-16 T ST. +2-12 ST.	TOP: 3-16 T ST. +2-12 ST. BOT: 3-16 T ST. +2-12 ST.	8 T @ 150 C/C

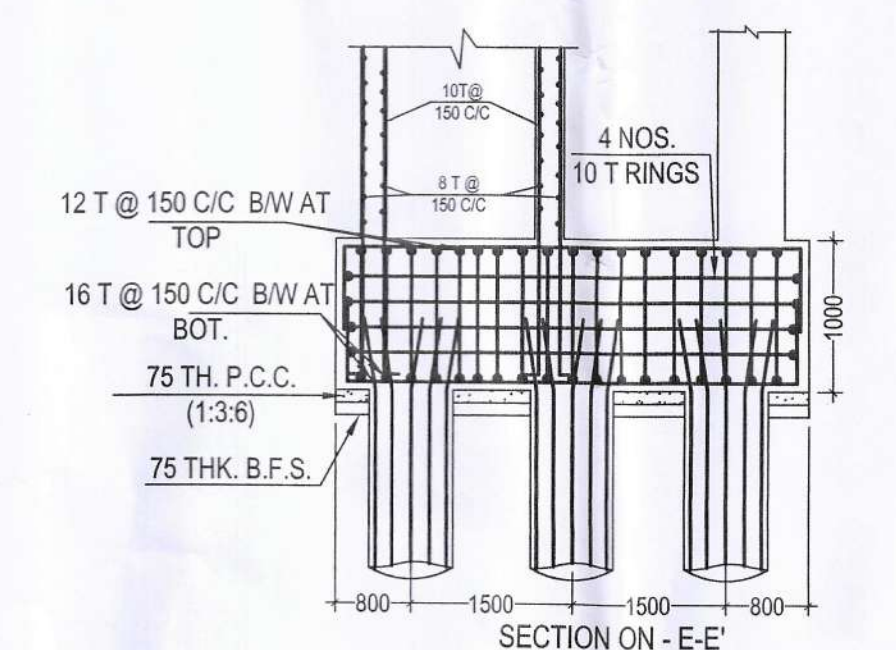
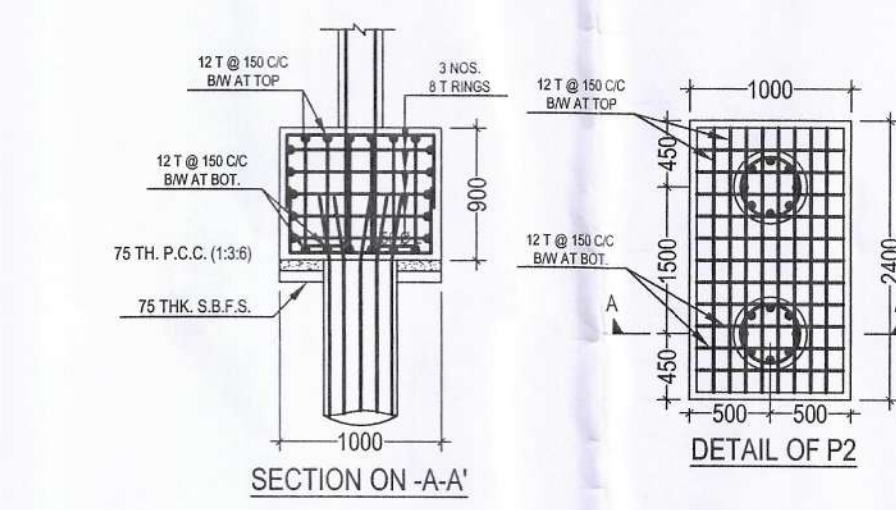
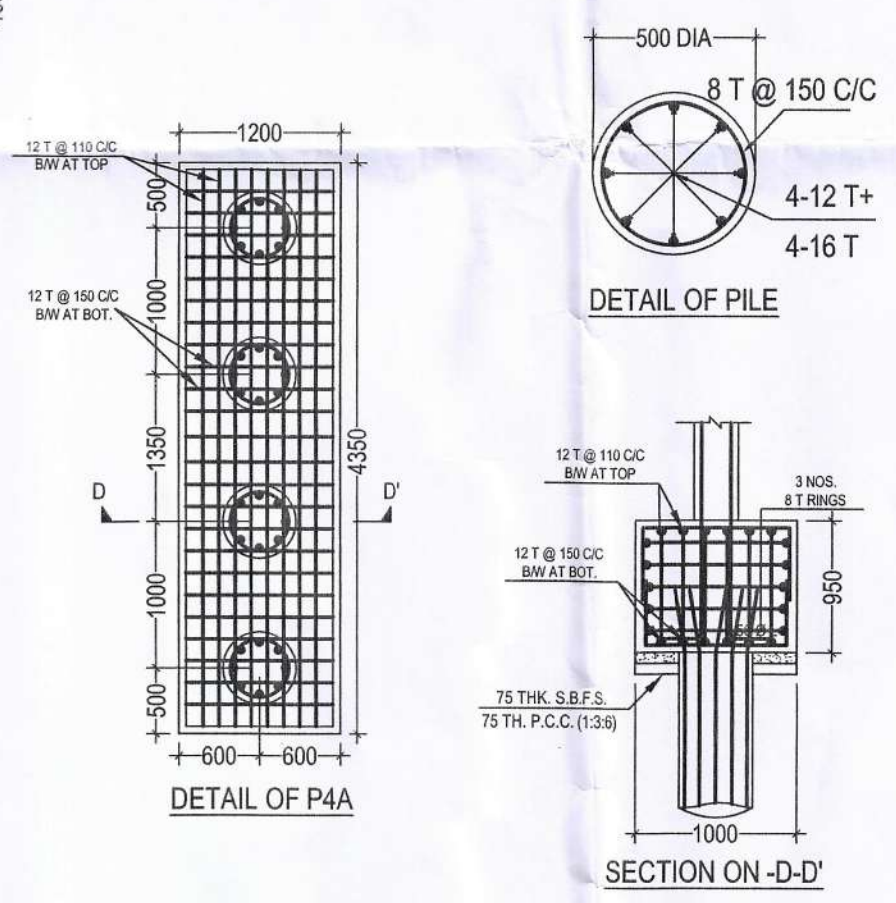
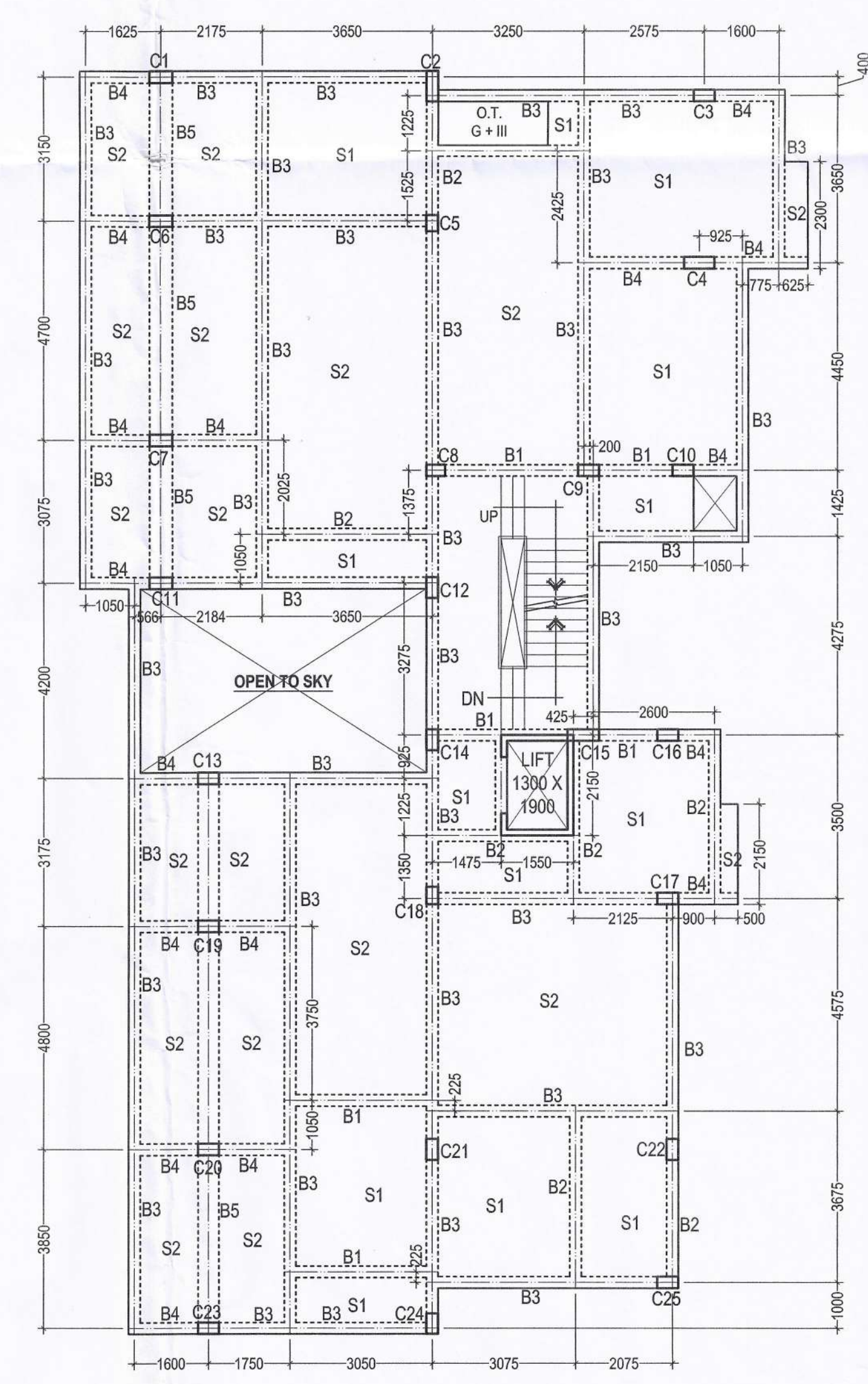
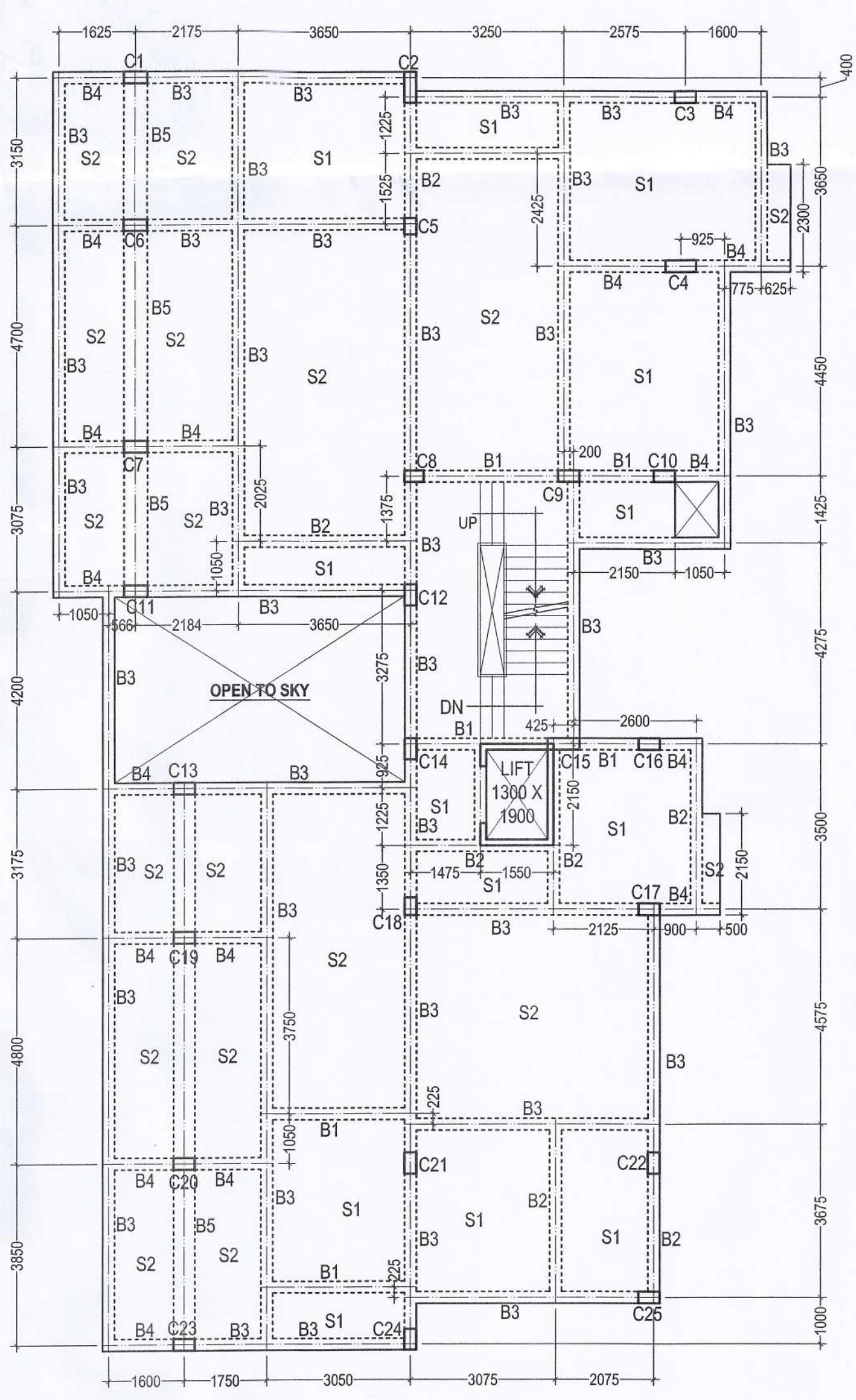
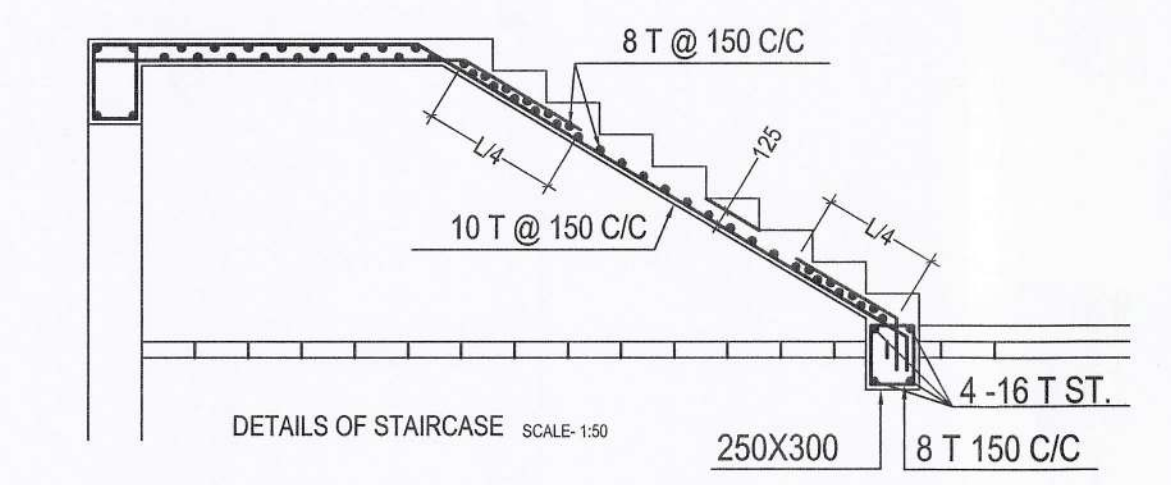
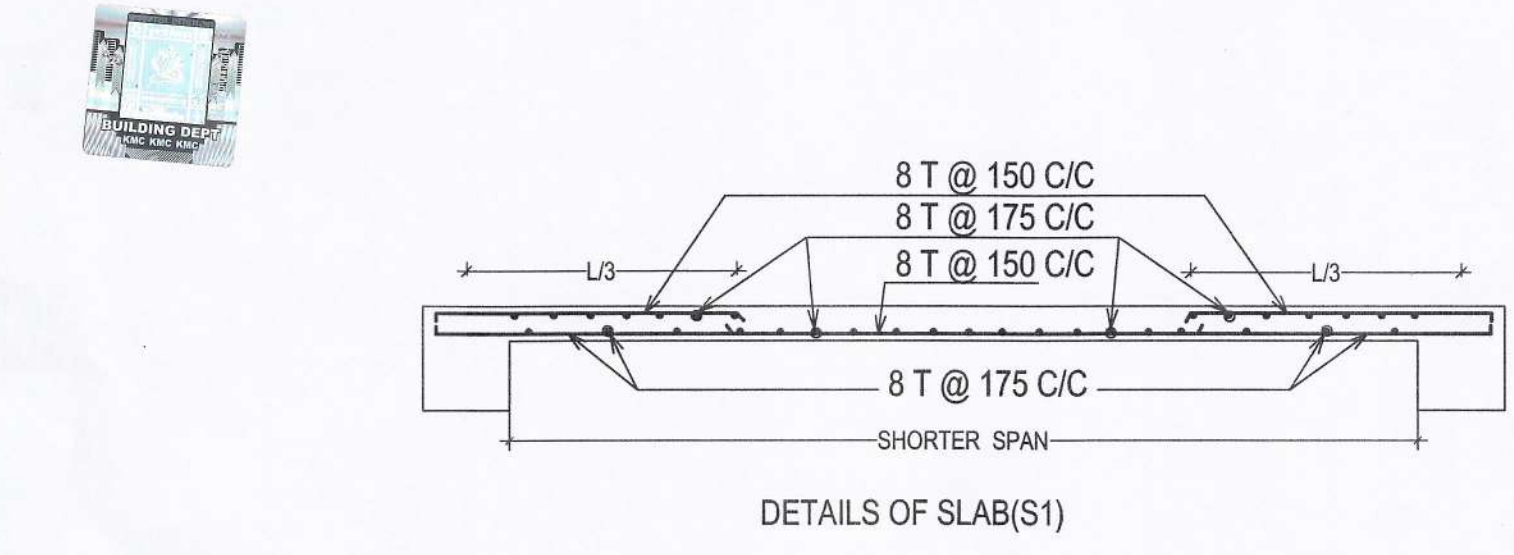
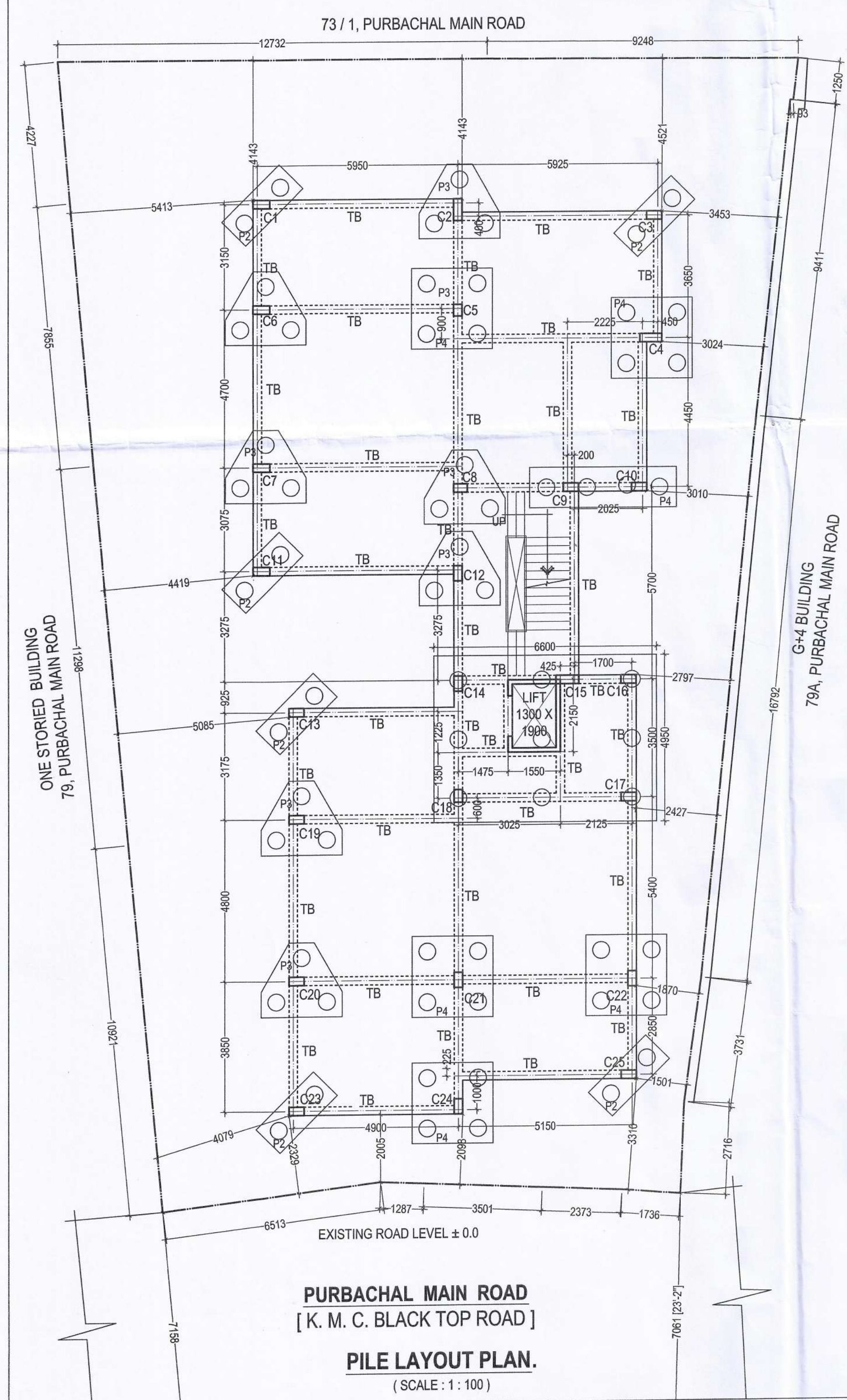
COLUMN SCHEDULE		
COLUMN MKD.	REINFORCEMENT	TIES
C1,C3,C10,C16,C17,C23,C25.	250X500 10-16T	8T@150 C/C (4L)
C4,C5,C6,C7,C11,C12,C13,C18,C19,C20,C22,C24.	250X500 8-20T+ 4-16T	8T@135 C/C (4L)
C8,C9,C14,C15,C21	250X500 12-20T	8T@125 C/C (4L)
C2.	250X650 12-20T	8T@150 C/C (4L)



SCHEDULE OF SLAB					
PANEL MKD.	THICKNESS	SHORTER DIRECTION		LONGER DIRECTION	
	MM	SUPPORT	SPAN	SUPPORT	SPAN
S1	100	8T@150C/C	8T@150C/C	8T@175C/C	8T@175C/C
S2	125	8T@125C/C	8T@125C/C	8T@125C/C	8T@125C/C
STAIR	125	10T@150C/C	10T@150C/C	8T@200C/C	8T@200C/C



SCHEDULE OF R.C.C. TIE BEAMS				
BEAM MKD.	SIZE	AT SUPPORT	AT MID SPAN	STIRRUPS SUPPORT/SPAN
TB	250X450	TOP: 2-16 T ST. 2-16 T EXT. BOT: 2-16 T ST.	TOP: 2-16 T ST. BOT: 2-16 T ST.	8 T @ 150 C/C



SPECIFICATIONS

- DEPTH OF PILE FOUNDATION IS AT 20.0 M. BELOW EX. G.L. WITH A CUT OFF LEVEL 1.50M BELOW E.G.L.
- SAFE BEARING CAPACITY OF PILE IS AS PER SOIL TEST REPORT.
- GRADE OF CONC. IS M25 FOR PILE AND GRADE OF STEEL IS Fe-500+
- CLEAR COVER TO MAIN REIN. IS AS PER BELOW:-
 - PILE - 75 MM.
 - COLUMN - 40 MM.
 - BEAM - 25 MM.
 - SLAB - 15 MM.
- ALL SLABS MUST BE CAST MONOLITHIC WITH SUPPORTING BEAM.
- ALL OTHER SPECIFICATIONS ARE AS PER NATIONAL BUILDING CODE OF INDIA.

OWNERS DECLARATION:-
WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, WE SHALL ENGAGE L.B.A. & ESE DURING CONSTRUCTION. WE SHALL FOLLOW THE INSTRUCTION OF L.B.A. & 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 MAY REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R TAKEN UNDER THE GUIDANCE OF LBS/ESE BEFORE STARTING OF BUILDING FOUNDATION.

Arunagata Das
ARUNAGATA DAS
AS AUTHORIZED REPRESENTATIVE OF
OMKAR ENTERPRISE
OMKAR CONSTRUCTION CO.
OMKAR DEVCON PROPERTIES PVT. LTD.
SIGNATURE OF OWNER / AUTHORITY

MR. ARUNAGATA DAS
[(I) THE SOLE PROPRIETOR OF M/S. OMKAR ENTERPRISE, (II) THE DESIGNATED PARTNER AS WELL AS AUTHORIZED SIGNATORY / REPRESENTATIVE OF M/S. OMKAR CONSTRUCTION CO.], & (III) THE DESIGNATED DIRECTOR AS WELL AS AUTHORIZED SIGNATORY / REPRESENTATIVE OF M/S. OMKAR DEVCON PROPERTIES PRIVATE LIMITED]

CERTIFICATE OF ARCHITECT :-
THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN DRAWN UP AS PER PROVISION OF KOLKATA MUNICIPAL CORPORATION BUILDING RULES, 2009, AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE & NOT A FILLED UP TANK.

Arunava Das
ARUNAVA DAS
Registered Architect
Reg. No. - CA/2007/39855

CERTIFICATE OF STRUCTURAL ENGINEER :-
THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN PREPARED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA & THE FOUNDATION IS CAPABLE OF TAKING THE LOAD. CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS.

Monojendra Dutta
MONOJENDRA DATTA
B.C.E. (BONS), M.I.E.
E.S.E. II / 155 OF K.M.C.
CHARTERED ENGINEER
1, DR. SUNJAN MOHAN AVENUE,
KOLKATA-700014

SIGNATURE OF STRUCTURAL ENGINEER
MR. MONOJENDRA DATTA
STRUCTURAL ENGINEER (ESE / II / 155)

CERTIFICATE OF GEO-TECHNICAL ENGINEER:-
UNDER SINGED HAS INSPECTED THE SITE CARRIED OUT THE SOIL INVESTIGATION THEREIN. 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 THEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO - TECHNICAL POINT OF VIEW.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., MGS
M.I.E., CHARTERED ENGINEER
ENLISTED GEO TECHNICAL ENGINEER (K.M.C.)
G.7/19 (K.M.C.) LH-4273, M-153878-5
NAME OF THE GEO - TECHNICAL ENGINEER
MR. RUPAK KUMAR BANERJEE
GEO - TECHNICAL CONSULTANT [GT/113, K. M. C.]

PROJECT :-
PROPOSED GROUND + FOUR STORIED [15.425 METER HEIGHT] RESIDENTIAL BUILDING AT PREMISES NO. 379 / 1 / A, PURBACHAL MAIN ROAD [PREVIOUSLY KNOWN AS 379, PURBACHAL MAIN ROAD], WARD NO. 106, P. S. GARFA, MOUZA - GARFA, R.S. DAG NO. 1883 & 1887, J.L. NO. 19, KOLKATA 700 078 UNDER BOROUGH XII (T W E L V E) [K. M. C.].
AS PER U / S 393 A OF THE K. M. C. ACT 1980, THE K. M. C. BUILDING RULES 2009.

TITLE :-
STRUCTURE DRAWING

DRAWING SHEET NO.
DEALT : A. DAS
DATE : 30.10.2023
SCALE 1 : 100
(UNLESS OTHERWISE MENTIONED)


ALL DIMENSIONS ARE IN M.M. (UNLESS OTHERWISE MENTIONED)

Architectural Consultants : **archisn work**
ARCHITECTURE . TOWN PLANNING . INTERIOR . LANDSCAPE . GRAPHIC DESIGN
02, LAKE ROAD [BESIDE LAKE MARKET], 1ST FLOOR, KOLKATA 700 029
phone : (0) 62914 22243 . e - mail : archisn_work@yahoo.com

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PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2023120363 Date 21.10.23 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.


EXECUTIVE ENGINEER/ASST. ENGINEER
BOROUGH NO. XII

2023120363
RECEIVED
Date: 21/10/23
City Department / Borough XII

MOHENDRA DATTA
M.C.E. (Struct.)
B.P. No. 2023120363
Kolkata - 700014