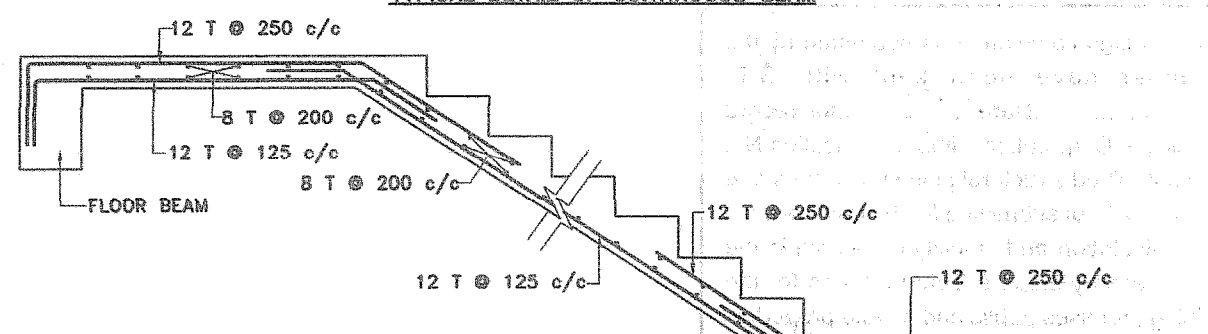
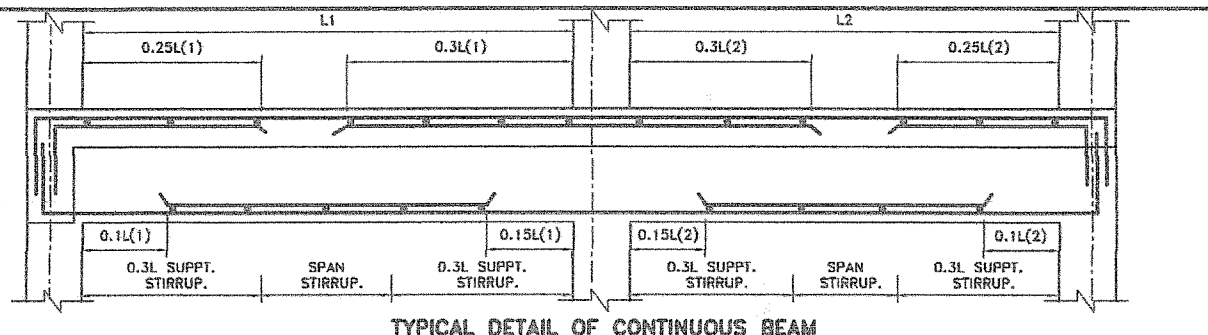


SLAB SCHEDULE

SLAB MKD.	SLAB THK.	SHORTER BARS		LONGER BARS	
		SUPPORT TOP	MIDSPAN BOT	SUPPORT TOP	MIDSPAN BOT
S1	110	8 T @ 150 c/c	8 T @ 150 c/c	8 T @ 175 c/c	8 T @ 200 c/c
S2	200	8 T @ 200 c/c	8 T @ 200 c/c	8 T @ 200 c/c	8 T @ 200 c/c

PROVIDE 8 T @ 200 C/C WHEREVER NECESSARY

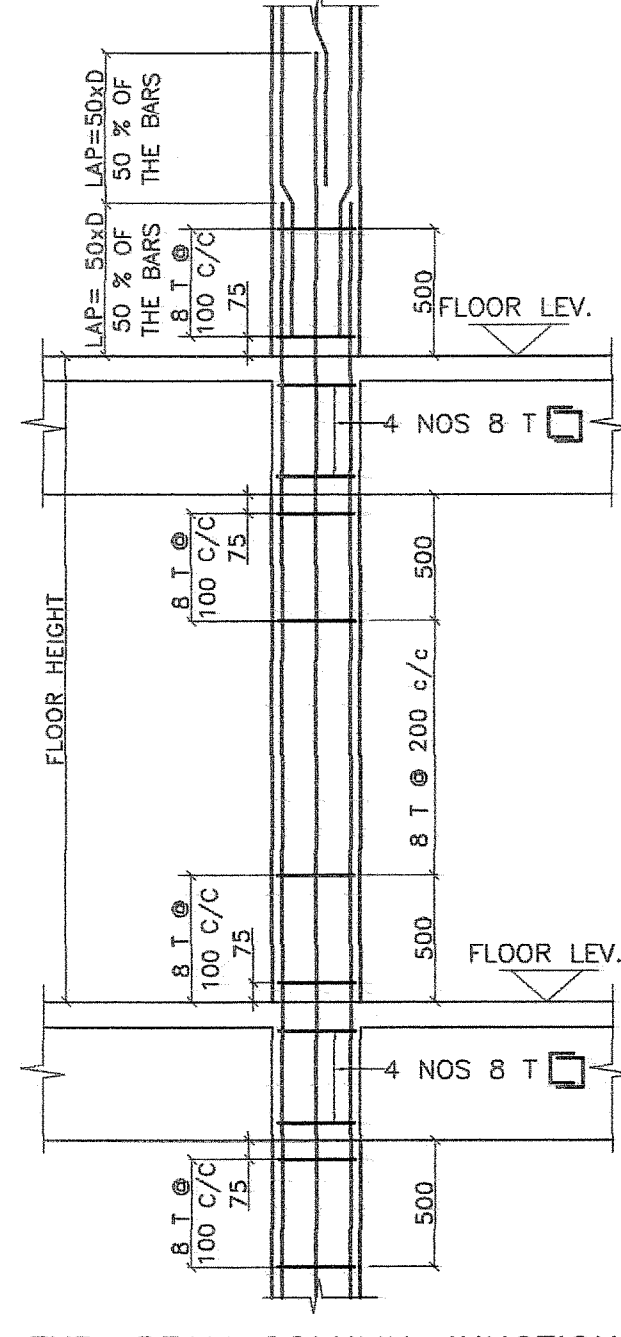
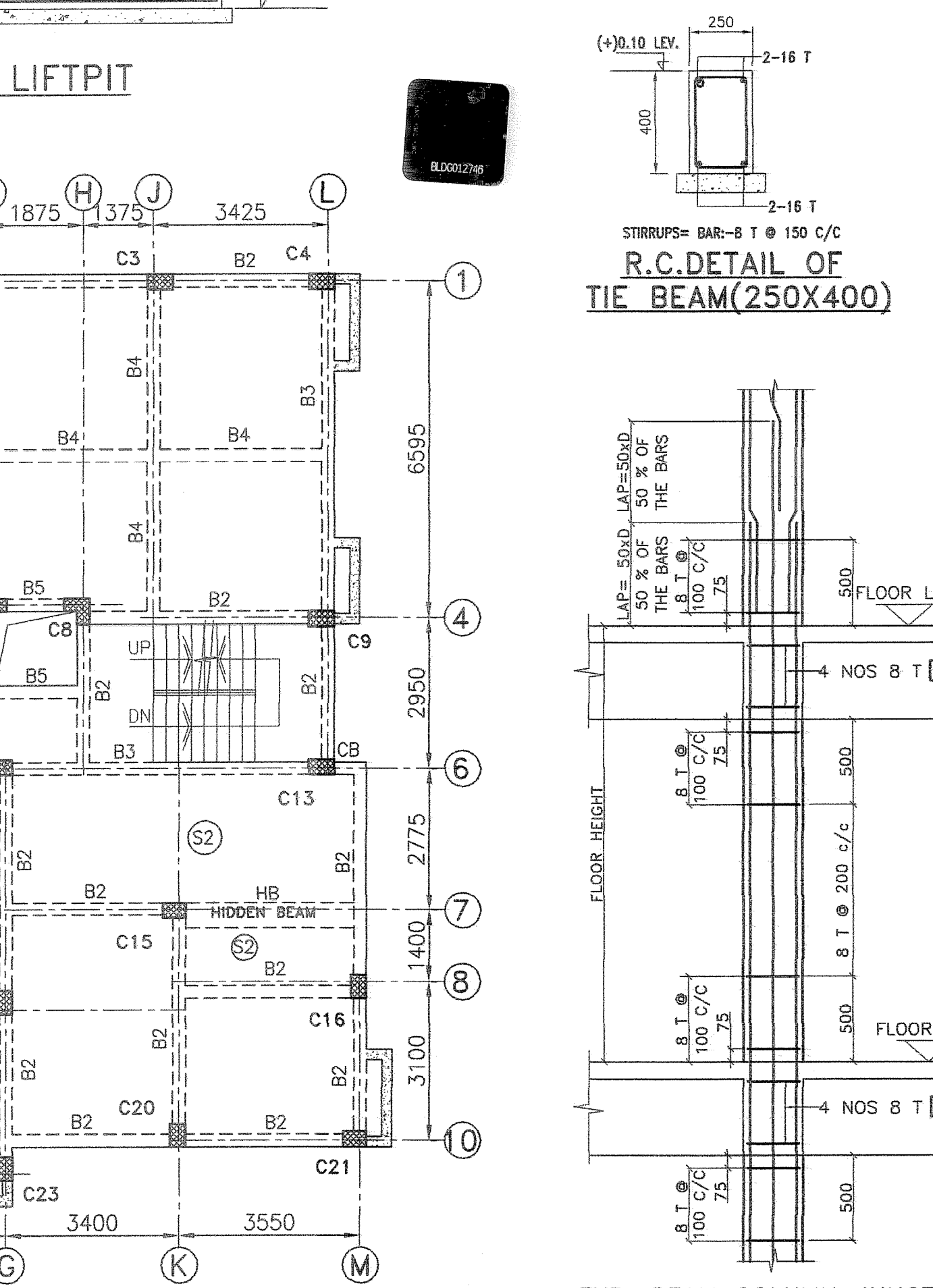
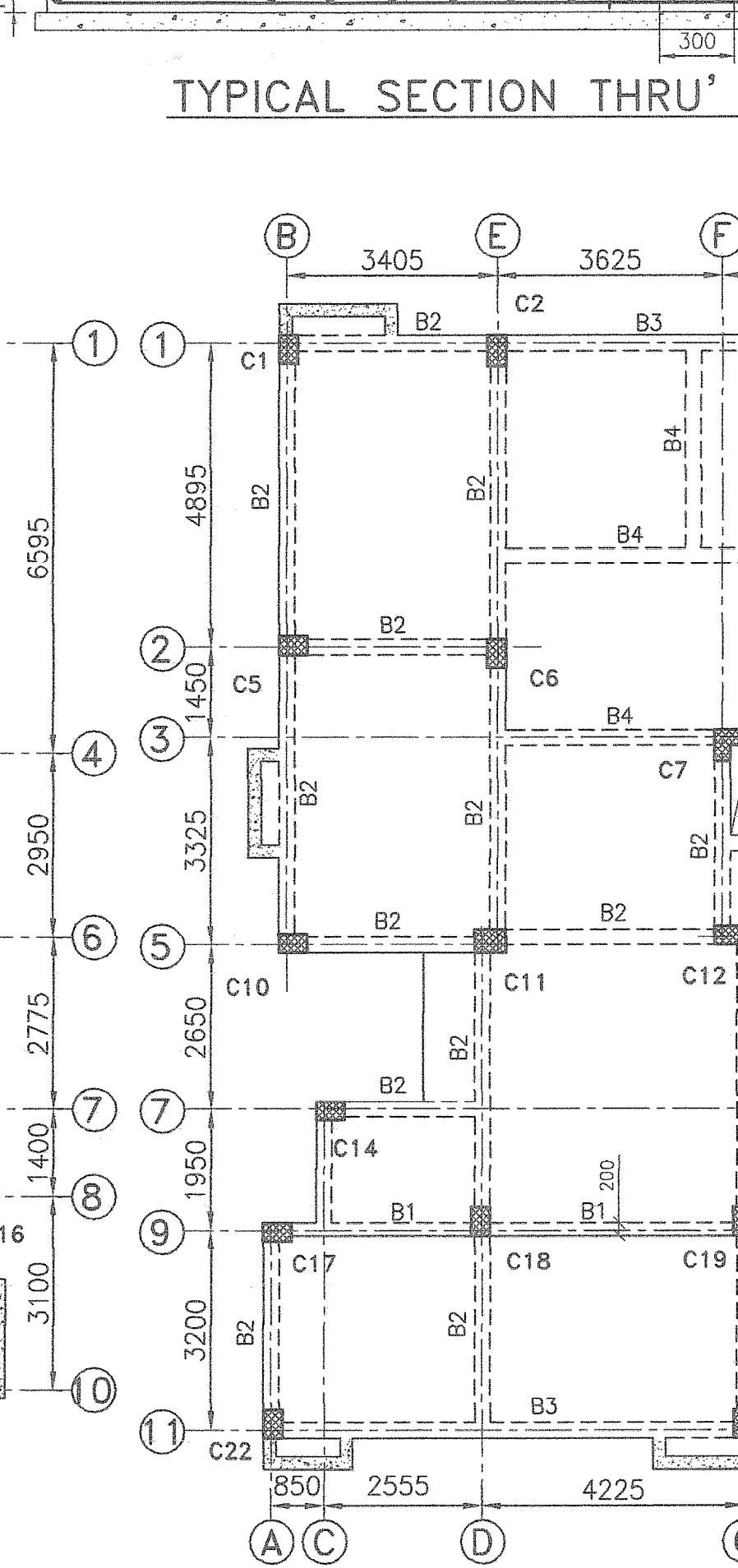
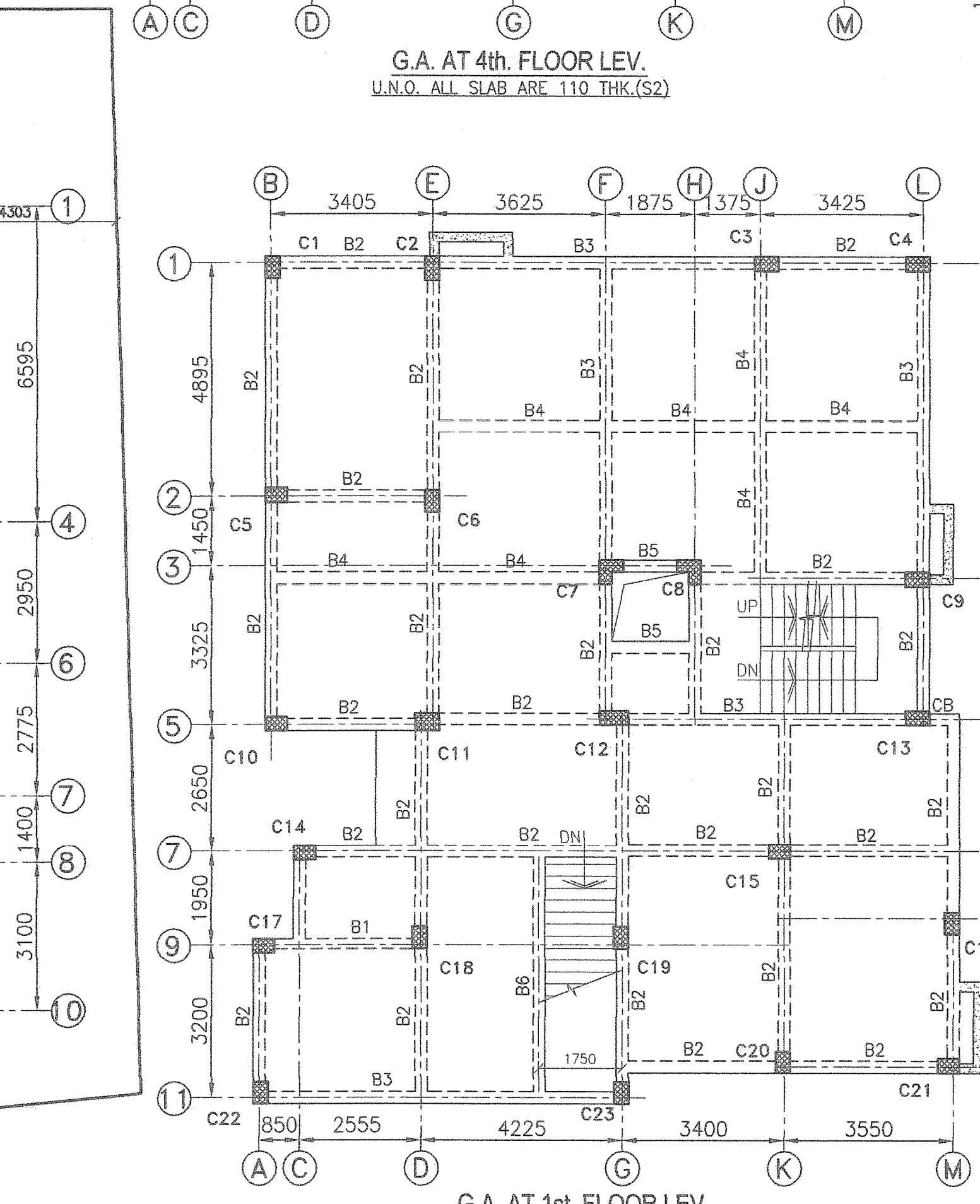
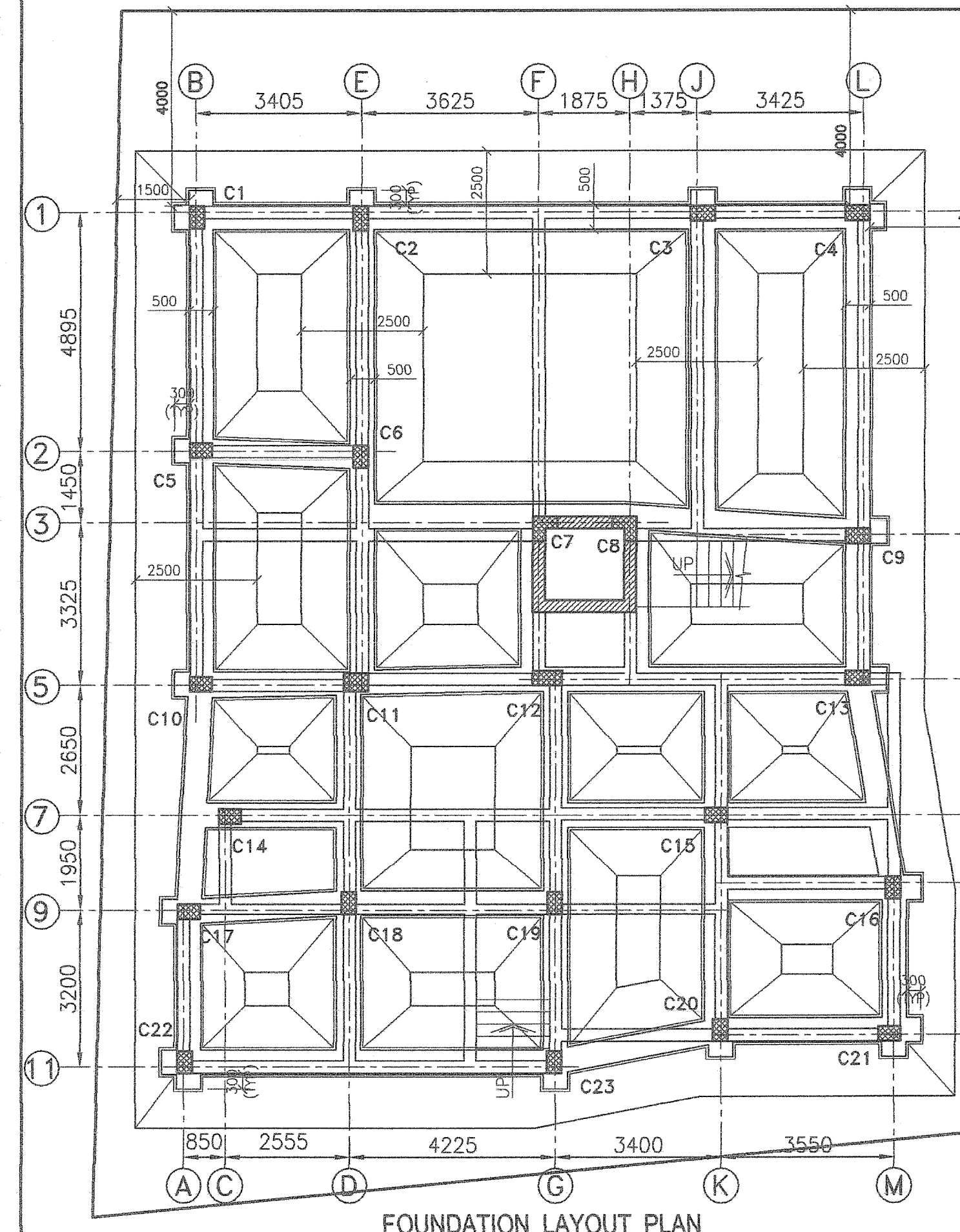
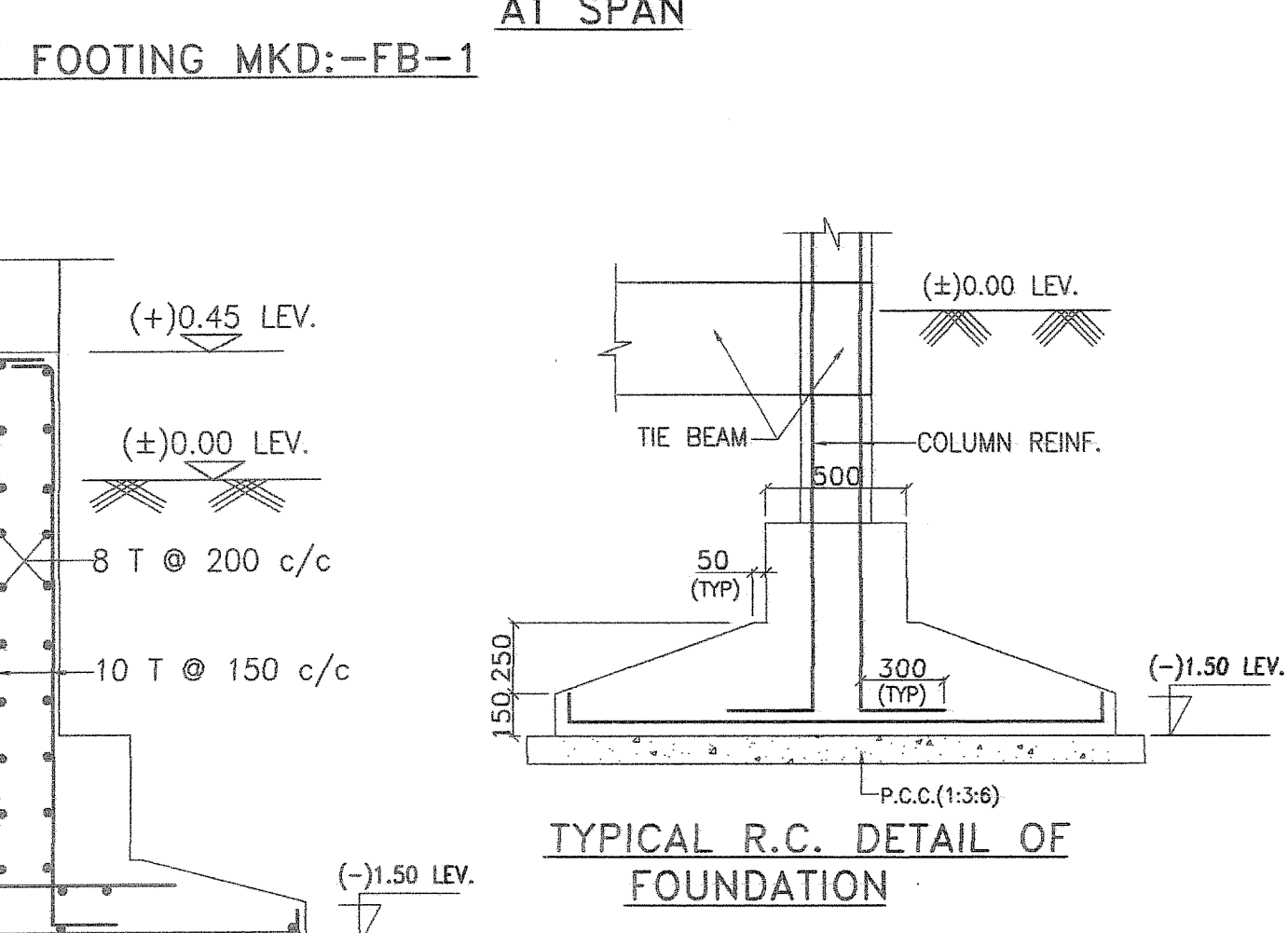
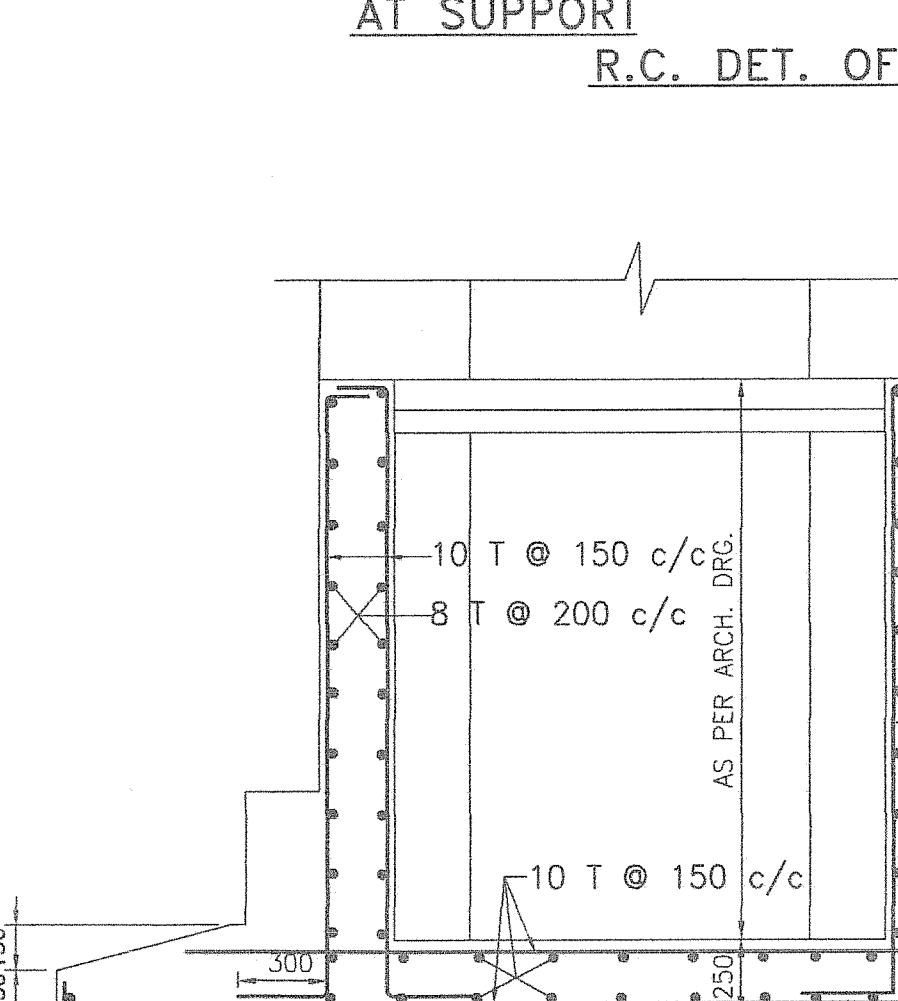
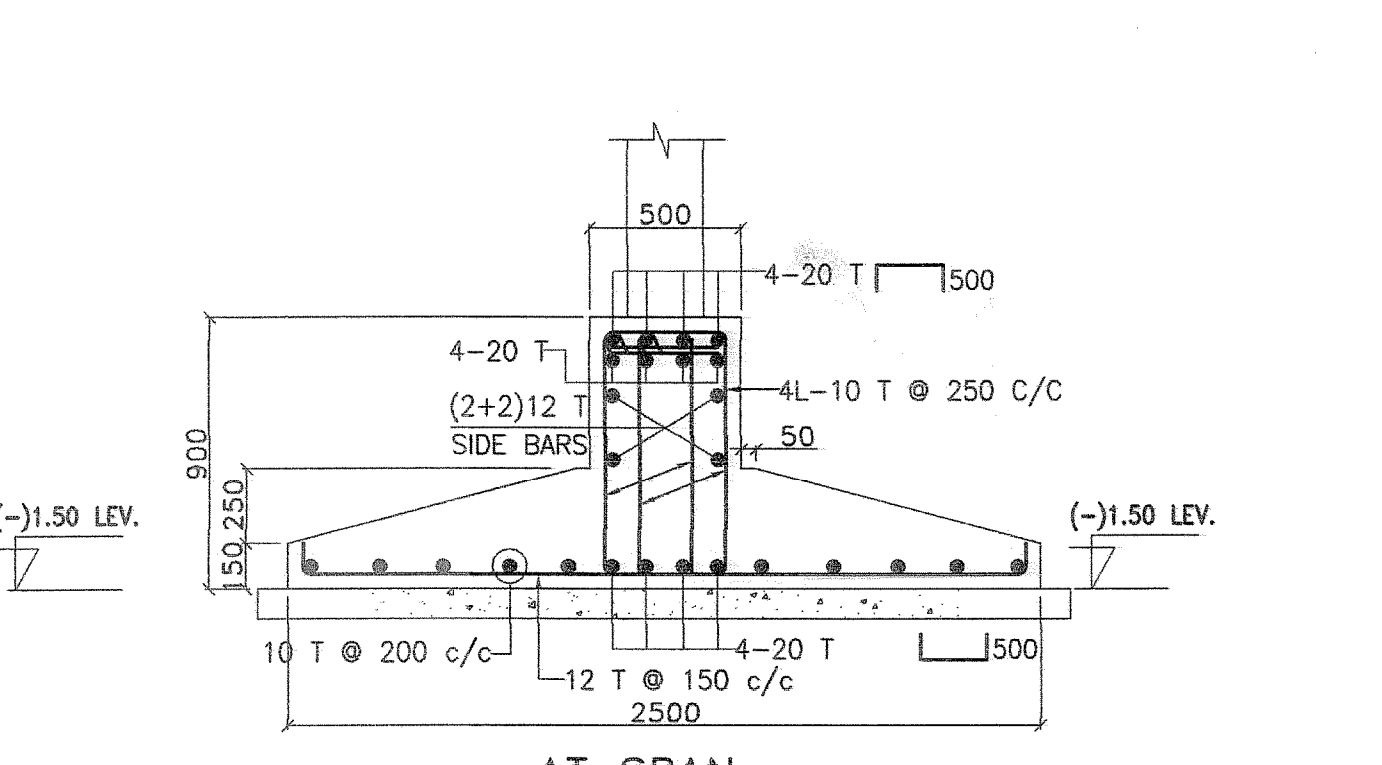
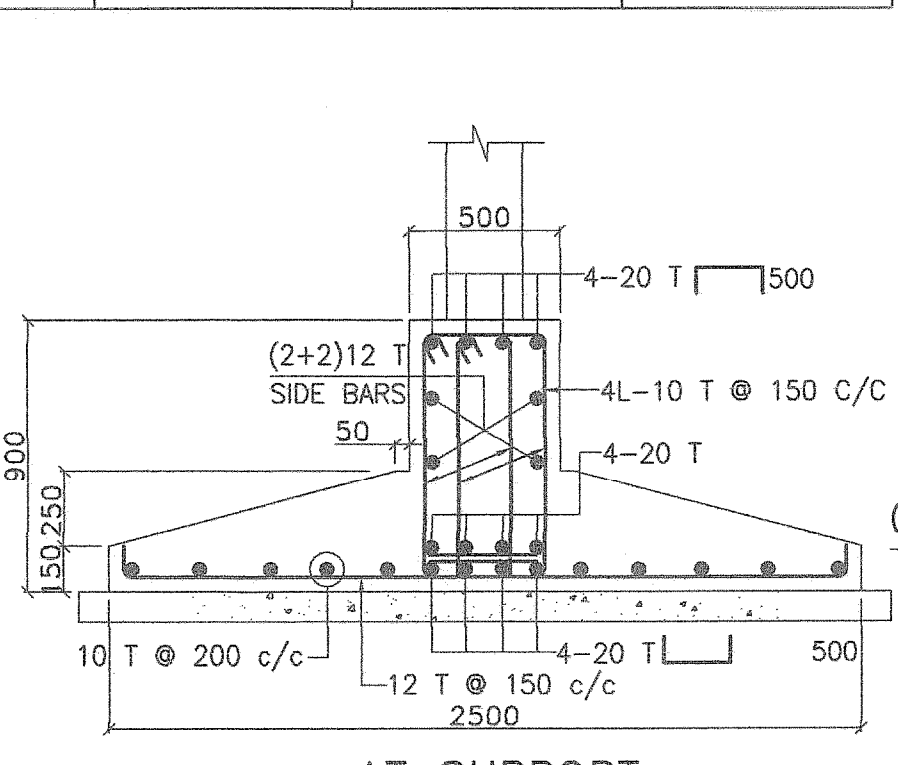
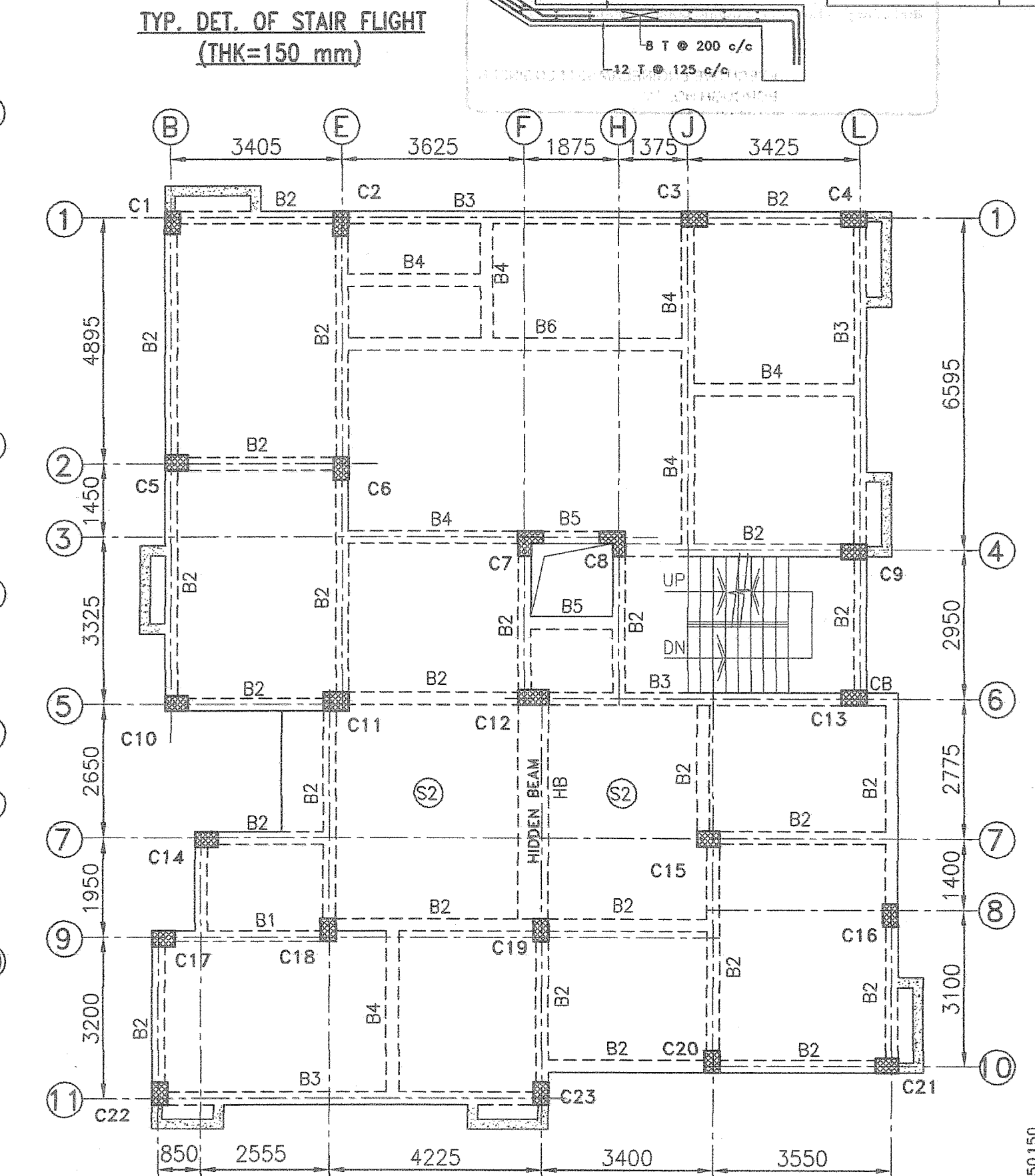
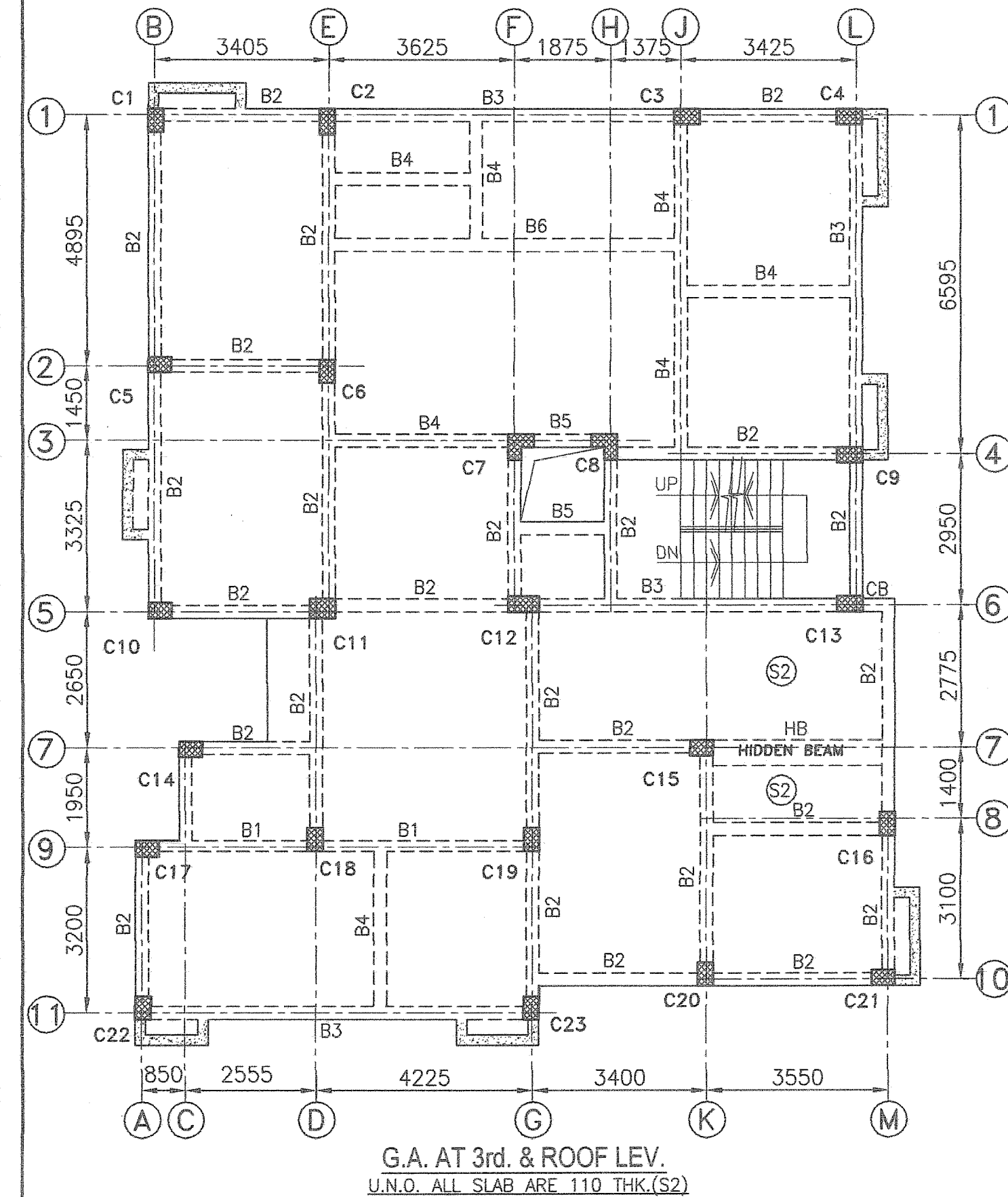


COLUMN SCHEDULE

COLUMN MKD.	COL. SIZE	REINFORCEMENT		
		FOUNDATION TO 1st FLOOR	1st FLOOR TO 3rd FLOOR	3RD FLOOR TO ROOF
C1,C4,C5,C10,C14,C17,C18,C20,C21	300X450	4-20T+4-18T	8-18T	4-16 T+4-12 T
C9,C13,C16	300X450	8-20 T	4-20 T+4-16 T	8-16 T
C11	375X500	10-20 T+2-16T	6-20 T+6-16 T	4-20 T+8-16 T
C2,C3,C6,C22,C23	300X500	6-20 T+4-16 T	4-20 T+6-16 T	10-16 T
C6,C15,C19	300X500	10-20 T	6-20 T+4-16 T	4-20 T+6-16 T
C12	300X600	4-20 T+6-16 T	10-16 T	6-16 T+4-12 T
C7,C8	250X500/250X500	8-16 T	8-16 T	8-16 T

SCHEDULE OF BEAMS

BEAM MKD.	SIZE	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	200X450	4-16 T	2-16 T	2-16 T	2-16 T	2L-8T@100C/C	2L-8T@200C/C
B2	250X450	3-16 T	2-16 T	2-16 T	3-16 T	2L-8T@100C/C	2L-8T@200C/C
B3	250X450	4-16 T	2-16 T	2-16 T	4-16 T	2L-8T@100C/C	2L-8T@200C/C
B4	250X450	2-16 T	2-16 T	2-16 T	2-16 T	2L-8T@100C/C	2L-8T@200C/C
B5	250X450	2-12 T	2-16 T	2-12 T	2-16 T	2L-8T@200C/C	
B6	250X450	3-16 T	3-16 T	3-16 T	5-16 T	2L-8T@100C/C	2L-8T@200C/C
HB	500X200	4-16 T	4-16 T	4-16 T	4-16 T	4L-8T@200C/C	
CB	250X450	4-16 T	2-16 T	4-16 T	2-16 T	2L-8T@150C/C	



PROJECT:
 PROPOSED (G+IV) STORIED RESIDENTIAL BUILDING
 U/S 393A OF KMC ACT, 1980 COMPLYING BUILDING
 RULE 2009 AT PRE.NO. - 192A, HARISH MUKHARJEE
 ROAD, WARD NO. - 73, BOROUGH- IX, KOLKATA-700 026.

NOTES:

- ALL DIMENSIONS ARE IN mm & LEVELS AER IN M, UNLESS NOTED OTHERWISE.
- GRADE OF REINFORCEMENT IS Fe500.
- GRADE OF CONCRETE - M25
- LAP/BONDS LENGTH SHALL BE 50 X D WHERE D IS THE DIA OF SMALLER BAR.
- CLEAR COVER TO REINFORCEMENT:-
 a) FOOTING=50 mm, b) TIE BEAM/COLUMN=40 mm.
 c) FLOOR SLAB=25mm, d) FLOOR SLAB=20 mm.
 e) WAIST SLAB = 20 mm.
- FOR DUCTILITY DETAILING REFER ISI 3920-LATEST EDITION.

FOR ANIL KUMAR GHOSH, AMIYA KUMAR GHOSH,
 AVA GHOSH, KANARANI SEN, GEETA DEB,
 RATNA BOSE, MILANJANA DE,
 RITUPARNA MULLICK DATTA,
 KAMALESH KUMAR MULLICK,
 VINAYAK MULLICK, MADHURA MULLICK

(Signature)
 (As Constituted Attorney)
 SIGNATURE OF OWNER.

CERTIFICATE OF STRUCTURAL ENGINEER.

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE.

(Signature)
 KOUSHIK SENGUPTA
 B.E. (CIVIL), M.E. (STRUCTURE)
 E. S. E. - 1/76 (K. M. C.)

KOUSHIK SENGUPTA (ESE 176)
 SIGNATURE OF STRUCTURAL ENGG.

CERTIFICATE OF GEO-TECH ENGG.

UNDERSIGNED HAS INSPECTED THE SITE & 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 & THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

(Signature)
 ALOK ROY
 Registered Geotechnical Engineer
 Kolkata Municipal Corporation
 Class-I, No. G.7/11
 6A, Milan Park,
 Kolkata-700 084

ALO K ROY (GT NO. 1/11)
 SIGNATURE OF GEO-TECH. ENGG.

CERTIFICATE OF ARCHITECTS.

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER K.M.C. BUILDING RULE - 2009 AS AMENDED FROM TIME TO TIME THAT THE WIDTH OF THE ADJUTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE NOT A TANK OR A FILLED UP TANK. THE SITE PLAN, LOCATION PLAN AGREES WITH THE SITE. THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE REGD. DEED PLAN. THE EXISTING STRUCTURE AS SHOWN FULLY OCCUPIED BY OWNERS AS PER OWNERS UNDERTAKING.

(Signature)
 SOUMAYA KANTI GHOSH
 B. Arch.
 Reg. No. CA/2009/46527
 H.M.C. L.B.A. No. - 062
 SOUMAYA KANTI GHOSH (CA200946527)
 SIGNATURE OF ARCHITECTS/L.B.S.

ARCHITECT

(Signature)
 ACRE ARCHITECTS
 HOWRAH KOLKATA

DRAWING NO:-KPC/ACRE/HARISH MUKHERJEE/ST-01 Date: 19/07/2019
SCALE - 1:100, 1:50, 1:25, 1:10
KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS
 P-543, RAJA BASANTA ROY ROAD,
 KOLKATA-700-029

Sheet - 1 of 2

THIS DRAWING IS THE SOLE PROPERTY OF KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS. AND IS NOT TO BE COPIED OR REPRODUCED WITHOUT THEIR PERMISSION.

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2019090028 Date 29.11.19 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.

[Signature]
EXECUTIVE ENGINEER/ASST. ENGINEER
BOROUGH NO. IX

