

SCHEDULE OF R.C.C. STRIP FOOTING FOUNDATION

FOUND. MKD	COLUMN MKD	FOUNDATION SIZE	FOUND. DEPTH	d1	d2	d3	BEAM SIZE WITH REINFORCEMENT	REINFORCEMENT FOR SLAB
STF1	AS SHOWN IN DRG.	1800 MM WIDE STRIP FOOTING FOUNDATION	1500	250	450	250	BEAM SIZE:- RB1 (600X600) REINFORCEMENT:- (a) MAIN REIN: (4-16# ALTH. AT TOP & BOT. (4-16#) AT SUPP. BOTT & (4-16#) AT SPAN TOP (b) EXTRA REIN: (4-16#) AT SUPP. BOTT & (4-16#) AT SPAN TOP BEAM SIZE:- RB2 (450X600) (a) MAIN REIN: 4-16# ALTH. AT TOP & BOT.	12 TOR @125 C/C SHORTER DIRECTION 12 TOR @175C/C LONGER DIRECTION

SCHEDULE OF R.C.C. TIE BEAM

BEAM MKD	BEAM SIZE	REINFORCEMENT				STIRRUPS
		AT MID. SPAN	AT LEFT SUPP.	AT RIGHT SUPP.		
TB1	250x400	2-12#	2-12#	2-12#	2-12#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		1-16#	1-16#	1-16#	1-16#	
TB2	250x400	2-16#	2-16#	2-16#	2-16#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		1-12#	1-12#	1-12#	1-12#	

SCHEDULE OF R.C.C. FLOOR BEAM

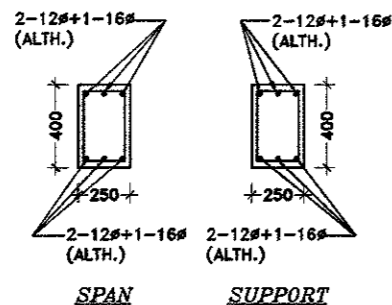
BEAM MKD	BEAM SIZE	REINFORCEMENT				STIRRUPS
		AT MID. SPAN	AT LEFT SUPP.	AT RIGHT SUPP.		
FB1	250x350	2-16#	2-16#	2-16#	2-16#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		2-16#	2-16#	2-16#	2-16#	
FB2	250x400	2-16#	2-16#	2-16#	2-16#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		3-16#	3-16#	3-16#	3-16#	
FB3	250x450	3-16#	3-16#	3-16#	3-16#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		3-20#	3-20#	3-20#	3-20#	
FB4	125x450	2-16#	2-16#	2-16#	2-16#	ALL STIRRUPS 8# @150 C/C (2L) ALTH.
		2-16#	2-16#	2-16#	2-16#	

SCHEDULE OF R.C.C. COLUMN

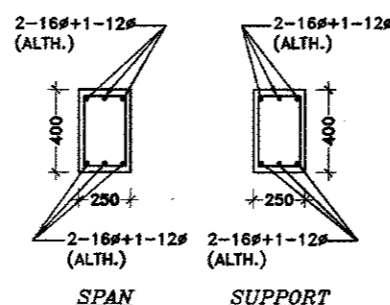
COLUMN MKD.	COLUMN SIZE		REINFORCEMENT	
	FOUND. TO 2ND. FLOOR	2ND. FLOOR TO ROOF	FOUND. TO 2ND. FLOOR	2ND. FLOOR TO ROOF
C1,C2,C3,C4,C5,C6, C7,C8,C11,C12,C13 C14,C15,C16,	250x400	250x400	8-16#	6-16# + 2-12#
C9,C10,	250x400	250x400	8-16#	8-16#

SCHEDULE OF R.C.C. SLAB

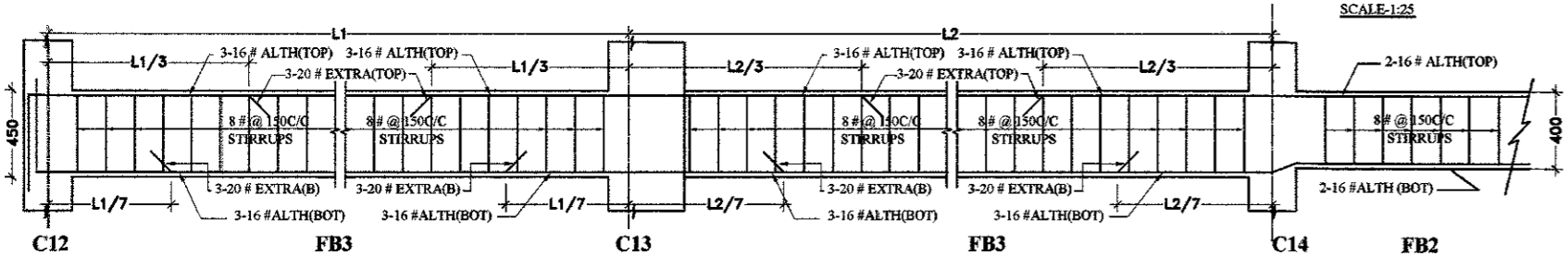
SLAB MKD.	THICKNESS OF SLAB	AT SUPPORT		AT MID. SPAN	
		TOP	BOTTOM	TOP	BOTTOM
S1	100	8# TOR @150 C/C	8# TOR @300 C/C	—	8# TOR @150 C/C
S2	100	10# TOR @150 C/C	10# TOR @300 C/C	—	10# TOR @150 C/C
S3	100	8# TOR @150 C/C	8# TOR @150 C/C	8# TOR @150 C/C	8# TOR @150 C/C
STAIR SLAB	125	10# TOR @125 C/C	10# TOR @125 C/C	—	10# TOR @125 C/C



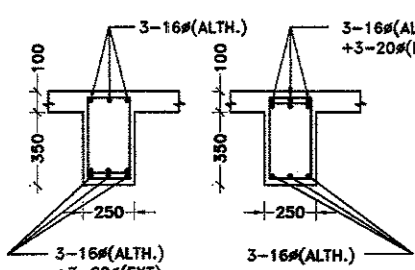
DETAILS CROSS SECTION OF THE BEAM (MKD. TB1)
SCALE:1:25



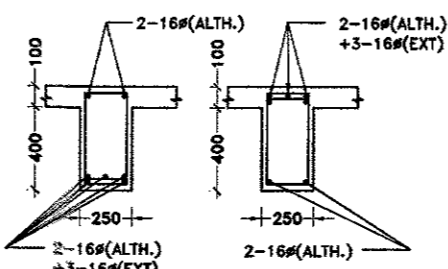
DETAILS CROSS SECTION OF THE BEAM (MKD. TB2)
SCALE:1:25



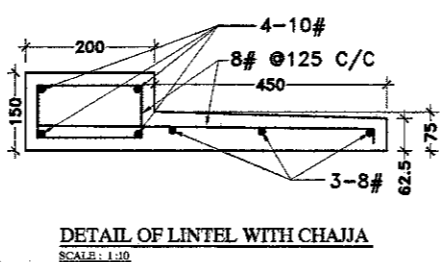
DETAIL LONGITUDINAL SEC. OF FLOOR BEAM (MKD. FB3)
SCALE:1:25



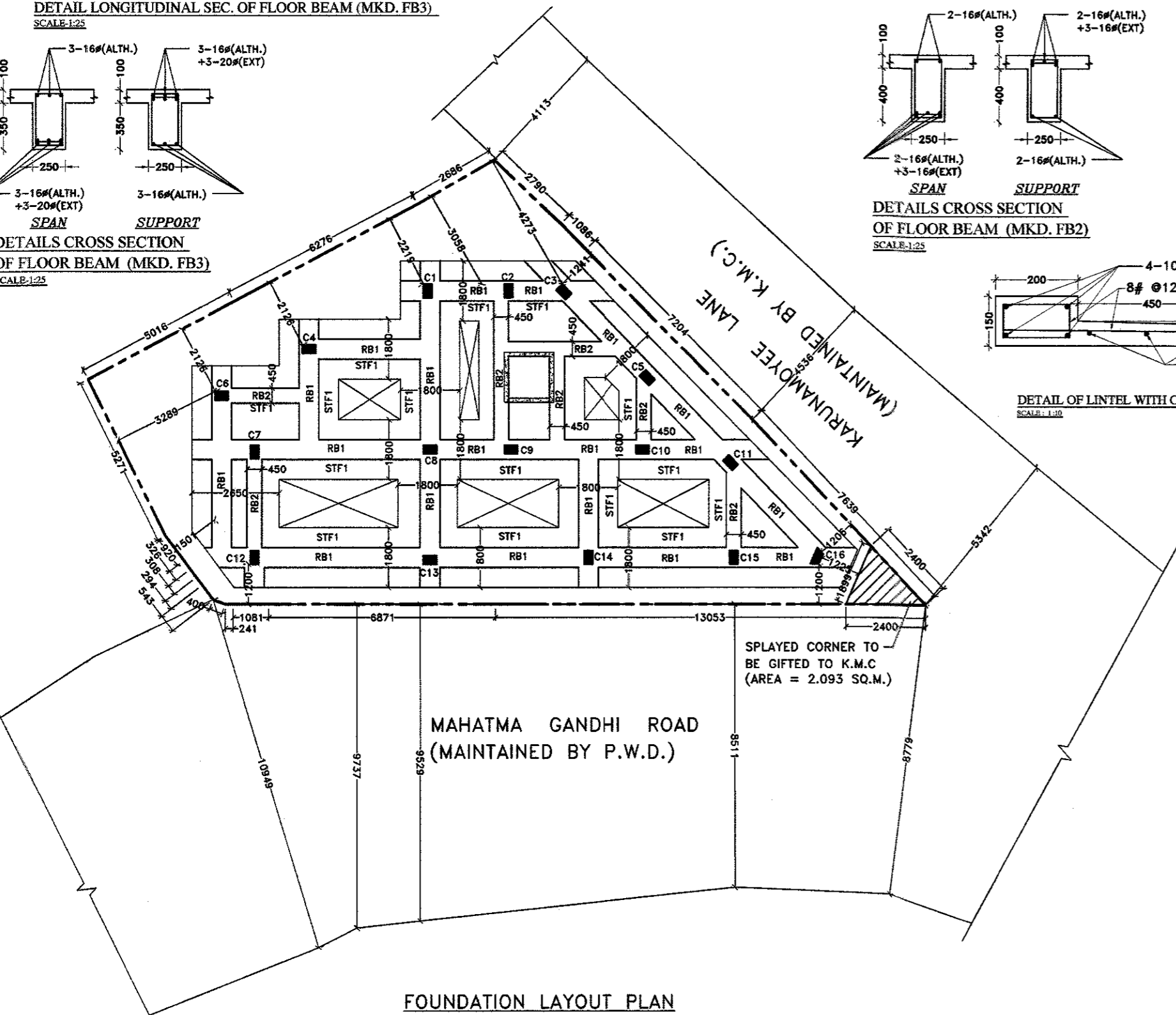
DETAILS CROSS SECTION OF FLOOR BEAM (MKD. FB3)
SCALE:1:25



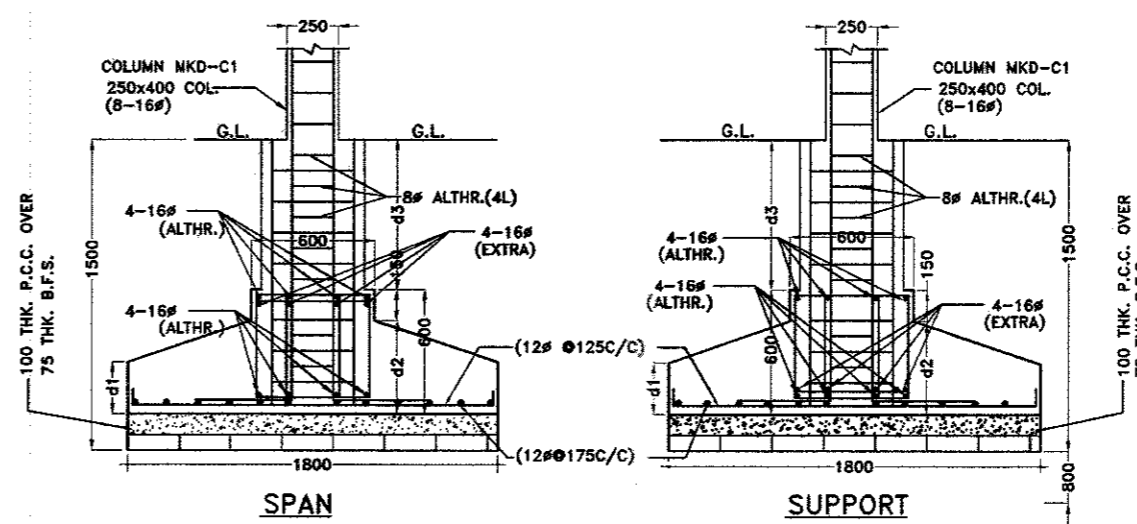
DETAILS CROSS SECTION OF FLOOR BEAM (MKD. FB2)
SCALE:1:25



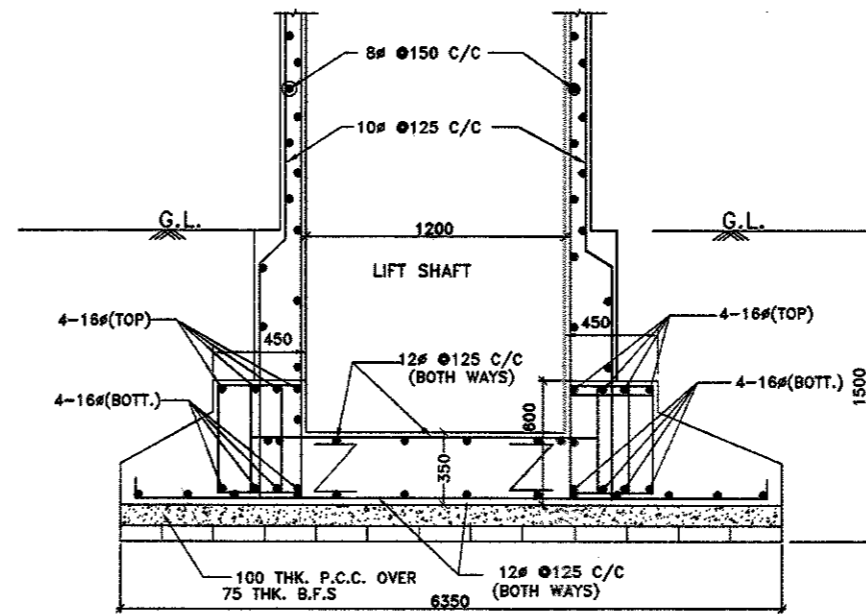
DETAIL OF LINTEL WITH CHAJJA
SCALE:1:10



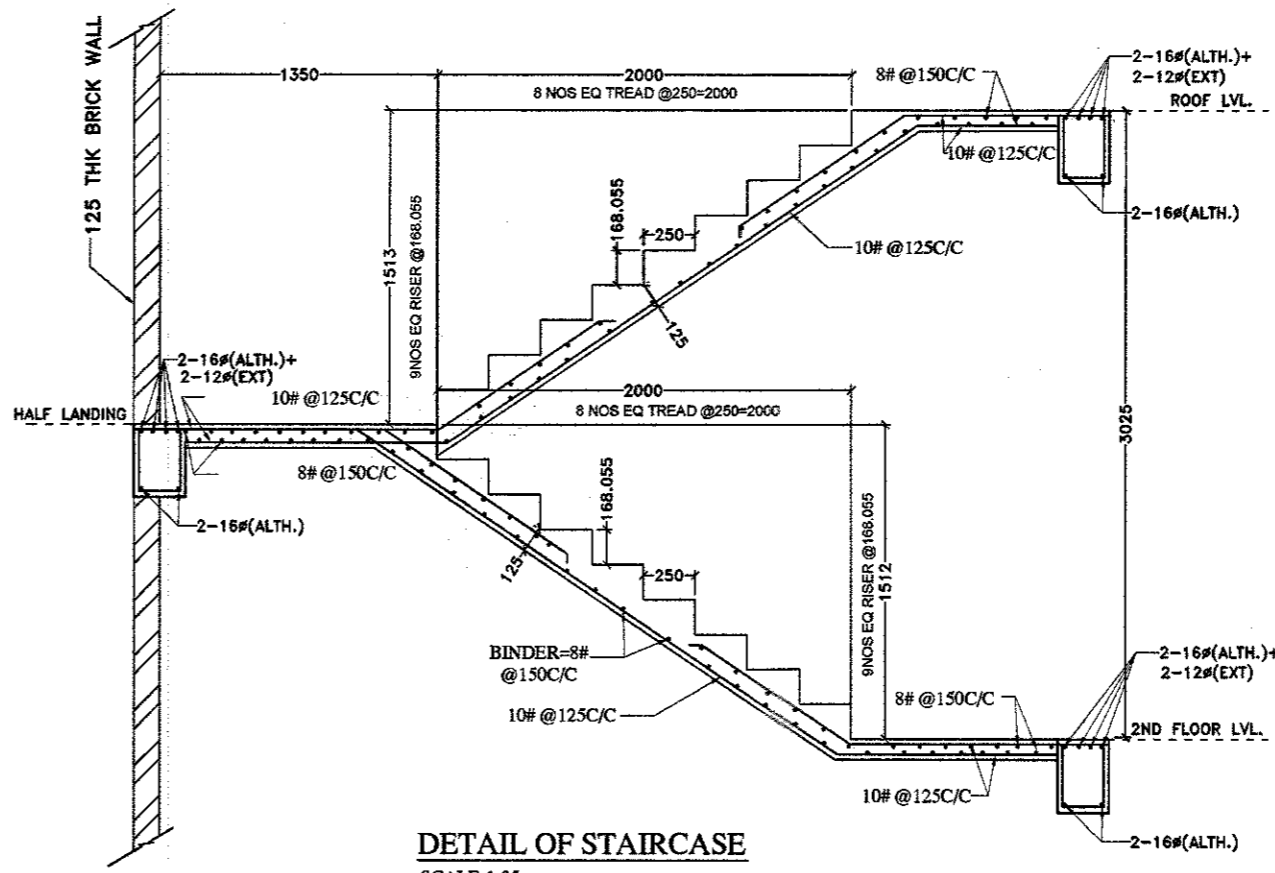
FOUNDATION LAYOUT PLAN



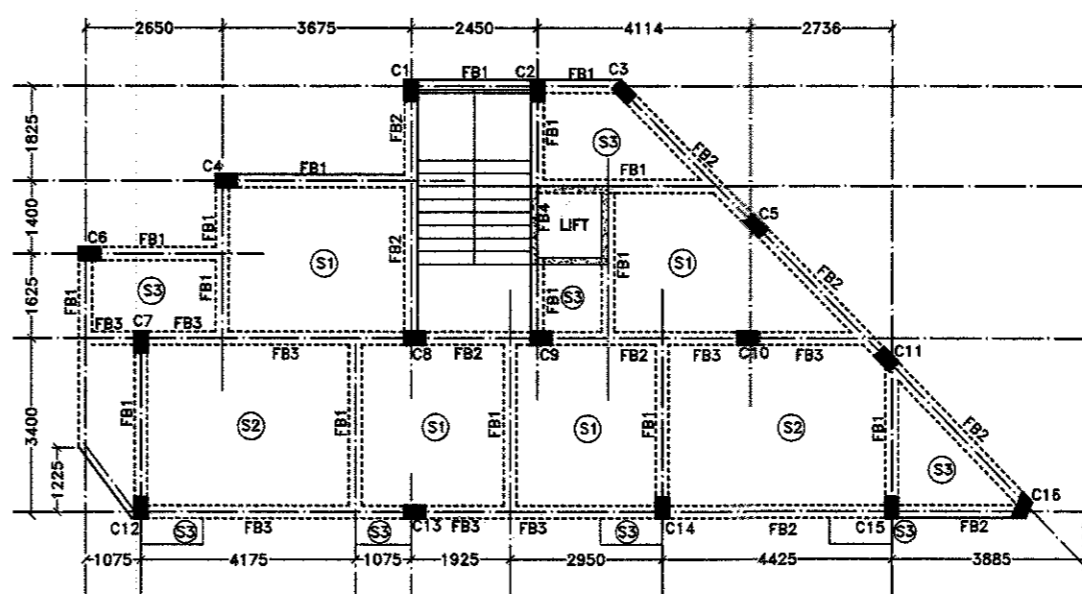
DETAILS OF R.C.C. STRIP FOOTING FOUNDATION (STF1)
SCALE:1:25



DETAIL OF LONG SEC. THROUGH LIFT
SCALE:1:25



DETAIL OF STAIRCASE
SCALE:1:25



SLAB & BEAM ARRANGEMENT

NOTES & SPECIFICATION :-

- (a) ALL DIMENSIONS ARE IN MM.
- (b) ALL EXTERNAL WALLS ARE 200 MM THK. WITH CEMENT SAND MORTAR (1:5)
- (c) ALL INTERNAL WALLS ARE 125 MM & 75 MM THK. WITH CEMENT SAND MORTAR (1:4)
- (d) ALL EXTERNAL WALLS PLASTER ARE 15 MM THK. WITH CEMENT SAND MORTAR (1:4)
- (e) ALL INTERNAL WALLS PLASTER ARE 19 MM THK. WITH CEMENT SAND MORTAR (1:5)
- (f) ALL CEILING PLASTER ARE 10 MM THK. WITH CEMENT SAND MORTAR (1:4)
- (g) THE DEPTH OF SEPTIC TANK & S.U.G.W. RESERVOIR SHOULD NOT EXCEED THE DEPTH OF FOUNDATION
- (h) GRADE OF STEEL : Fe500
- (i) GRADE OF CONCRETE : M20
- (j) OTHER SPECIFICATIONS WILL BE FOLLOWED AS PER N.B.C. OF INDIA (LATEST EDITION)
- (k) CLEAR COVER AS FOLLOWS:-
 - (1) FOUNDATION BOTTOM & SIDE COVER : 50 MM
 - (2) TIE BEAM/FLOOR BEAM BOTTOM & SIDE COVER : 25 MM
 - (3) SLAB SIDE COVER : 25 MM, SLAB BOTTOM COVER : 18 MM
 - (4) STAIR SIDE COVER : 25 MM, STAIR BOTTOM COVER : 18 MM
 - (5) COLUMN SIDE (ALL) COVER : 35 MM

DECLARATION OF L.B.S.:-

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

ASHIS KUNDU
B.C.E.(J.U.), L.B.S. No. 879 (I) K.M.C
25 B, Mahatma Gandhi Road
Kolkata-700 082
ASHIS KUNDU (L.B.S. No.-879/I)
SIGNATURE OF L.B.S.

DECLARATION OF E.S.E.:-

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC AND WIND LOAD AS PER N.B.C. OF INDIA (LATEST EDITION) & CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

ASHIS KUNDU
B.C.E.(J.U.), E.S.E. No. II/327
25B, Mahatma Gandhi Road
Kolkata-700 082
ASHIS KUNDU (E.S.E. No.-327/II)
SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION OF GEO-TECHNICAL ENGINEER:-

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.

Kallol Kr Ghoshal, B.E.(Civil), MIE
Geo Technical Engineer
KMC Empainment No. G.T./II/14
SRI KALLOL KR. GHOSHAL (G.T./II/14)
SIGNATURE OF GEO-TECHNICAL ENGINEER

OWNER'S DECLARATION:-

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT:-

I SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION.
I SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN)
K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES.
THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E./L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK.
THIS IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.
IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
THE PLOT IS IDENTIFIED BY US.

ANUP DAS
Proprietor of M/s. Das Construction
As Constituted Attorney of
AVIJIT GANGULY
ADITI ROY

SRI ANUP DAS PROPRIETOR OF M/S. DAS CONSTRUCTION
(C.A. OF (1) SRI AVIJIT GANGULY, (2) SMT. ADITI ROY)
SIGNATURE OF OWNER(S)

A.K.CONSTANT

25B, MAHATMA GANDHI ROAD, KOLKATA-700 082
98303 34675 82405 44997

STRUCTURAL PLAN OF PROPOSED G+III STORIED RESIDENTIAL BUILDING U/S 393A OF K.M.C. ACT 1980 COMPLYING BUILDING RULE 2009 AT PREMISES NO.- 8, MAHATMA GANDHI ROAD, IN WARD NO.-115, BOROUGH NO.-XIII, UNDER THE KOLKATA MUNICIPAL CORPORATION, KOLKATA-700 082, P.S.- HARIDEVPUR.

NAME OF THE OWNERS:

- (1) SRI AVIJIT GANGULY, (2) SMT. ADITI ROY

SCALE :-
1:10, 1:25, 1:100

DRAWN BY:-
ARYA CHAKRABORTY
CHECKED BY:-
ASHIS KUNDU

