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.	2200 MM WIDE STRIP FOOTING FOUNDATION	1500	250	450	250	BEAM SIZE:- RB1 (600X600) REINFORCEMENT:- (a) MAIN REIN: (4-16# ALTH. AT TOP & BOTT. (b) EXTRA REIN: (4-16#)AT SUPP. BOTT & (4-16#) AT SPAN TOP	12 TOR @125 C/C SHORTER DIRECTION 12 TOR @175C/C LONGER DIRECTION
STF2	AS SHOWN IN DRG.	2400 MM WIDE STRIP FOOTING FOUNDATION	1500	250	450	250	BEAM SIZE:- RB2 (600X600) REINFORCEMENT:- (a) MAIN REIN: (4-16# ALTH. AT TOP & BOTT. (b) EXTRA REIN: (4-16#)AT SUPP. BOTT & (4-16#) AT SPAN TOP BEAM SIZE:- RB3 (325/425X600) REINFORCEMENT:- (a) MAIN REIN: (4-16# ALTH. AT TOP & BOTT. (b) EXTRA REIN: (4-16#)AT SUPP. BOTT & (4-16#) AT SPAN TOP	12 TOR @125 C/C SHORTER DIRECTION 12 TOR @175C/C LONGER DIRECTION

SCHEDULE OF R.C.C. COLUMN

COLUMN MKD.	COLUMN SIZE: FOUNDATION TO 2ND. FLOOR	COLUMN SIZE: 2ND. FLOOR TO ROOF	REINFORCEMENT: FOUNDATION TO 2ND. FLOOR	REINFORCEMENT: 2ND. FLOOR TO ROOF
C1, C2, C3, C4, C5, C8, C11, C12, C14, C19, C24, C25, C34, C35, C36	250x400	250x400	8-16#	6-16# + 2-12#
C6, C7, C9, C10, C13, C15, C16, C20, C21, C23, C26, C29, C33	250x450	250x450	4-16# + 4-20#	8-16#
C18, C22, C27, C28, C31, C32	250x450	250x450	8-20#	4-16# + 4-20#
C17, C30	250x450	250x450	12-20#	8-20# + 4-16#

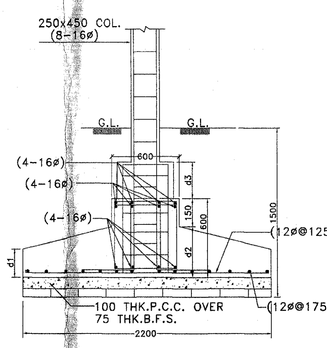
NOTE: ALL LINKS 8# @150 C/C (4L) ALTHROUGH

SCHEDULE OF R.C.C. SLAB

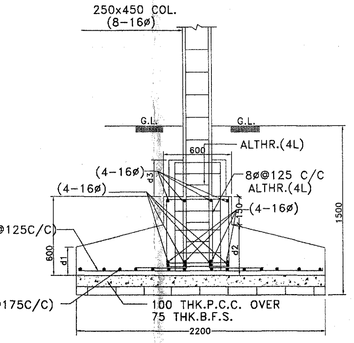
SLAB MKD.	THICKNESS OF SLAB	AT SUPPORT: TOP	AT SUPPORT: BOTTOM	AT MID. SPAN: TOP	AT MID. SPAN: BOTTOM
S1	100	8 # TOR @150 C/C	8 # TOR @300 C/C	——	8 # TOR @150 C/C
S2	125	8 # TOR @150 C/C	8 # TOR @300 C/C	——	8 # TOR @150 C/C
S3	100	8 # TOR @150 C/C	8 # TOR @150 C/C	8 # TOR @150 C/C	8 # TOR @150 C/C
STAIR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

SCHEDULE OF R.C.C. FLOOR BEAM

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



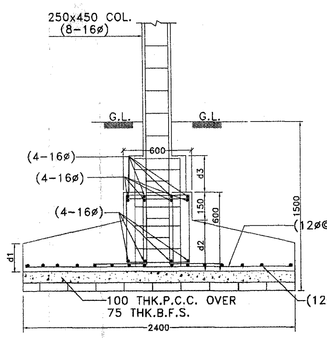
SPAN



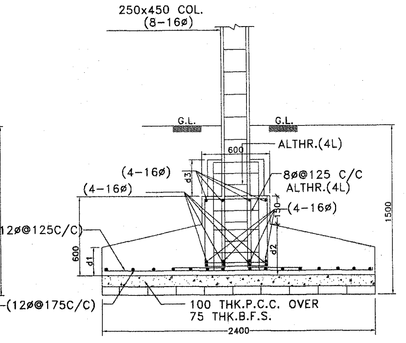
SUPPORT

DETAILS OF R.C.C. STRIP FOOTING FOUNDATION (STF1)

SCALE -1:25



SPAN



SUPPORT

DETAILS OF R.C.C. STRIP FOOTING FOUNDATION (STF2)

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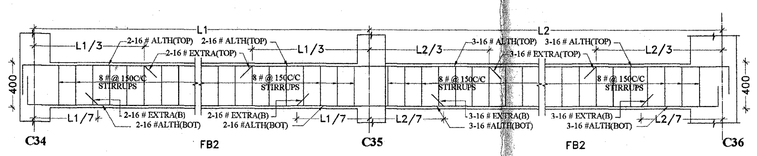

DETAIL LONGITUDINAL SEC. OF FLOOR BEAM (MKD. FB2)

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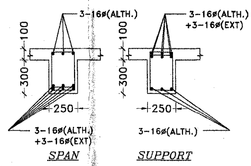

DETAILS CROSS SECTION OF FLOOR BEAM (MKD. FB2)

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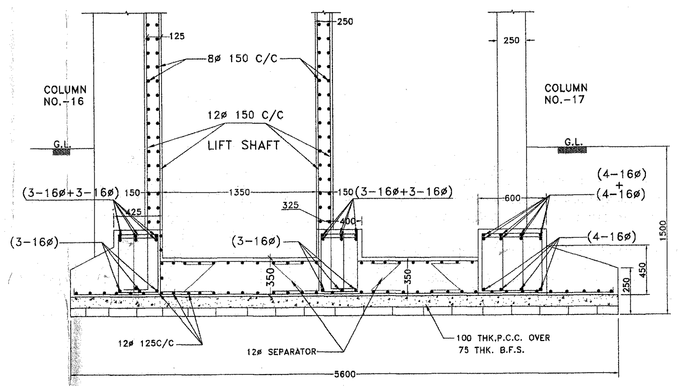
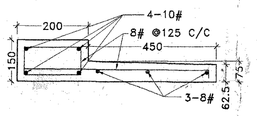
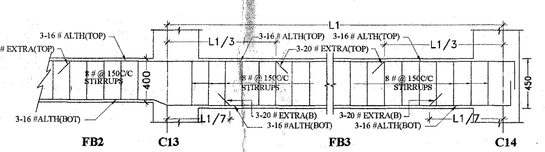


DETAIL OF LIFT (SEC. ON X-X)



DETAIL OF LINTEL WITH CHAJJA

SCALE : 1:10



DETAIL LONGITUDINAL SEC. OF FLOOR BEAM (MKD. FB3)

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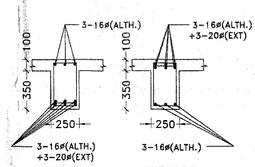
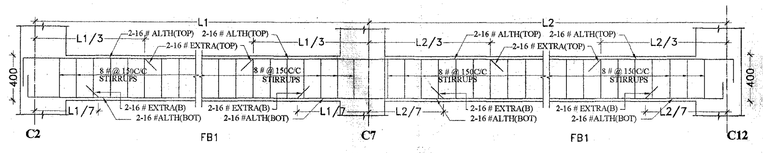


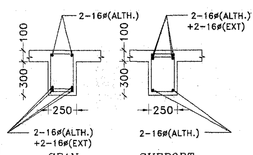
DETAILS CROSS SECTION OF FLOOR BEAM (MKD. FB3)

SCALE-1:25



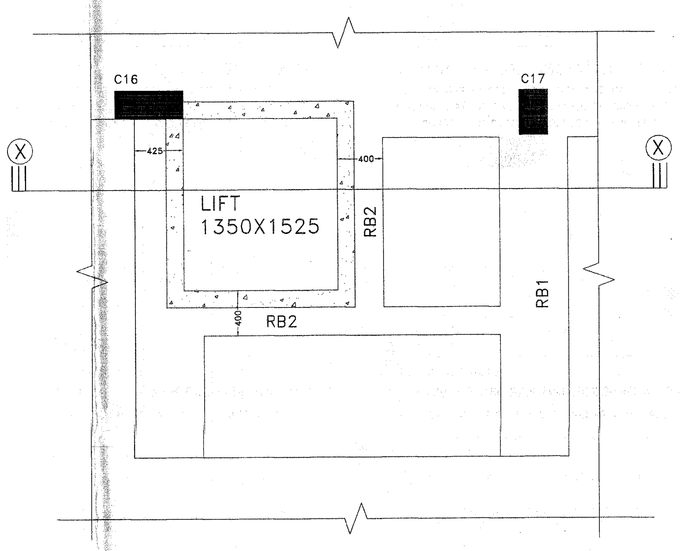
DETAIL LONGITUDINAL SEC. OF FLOOR BEAM (MKD. FB1)

SCALE-1:25



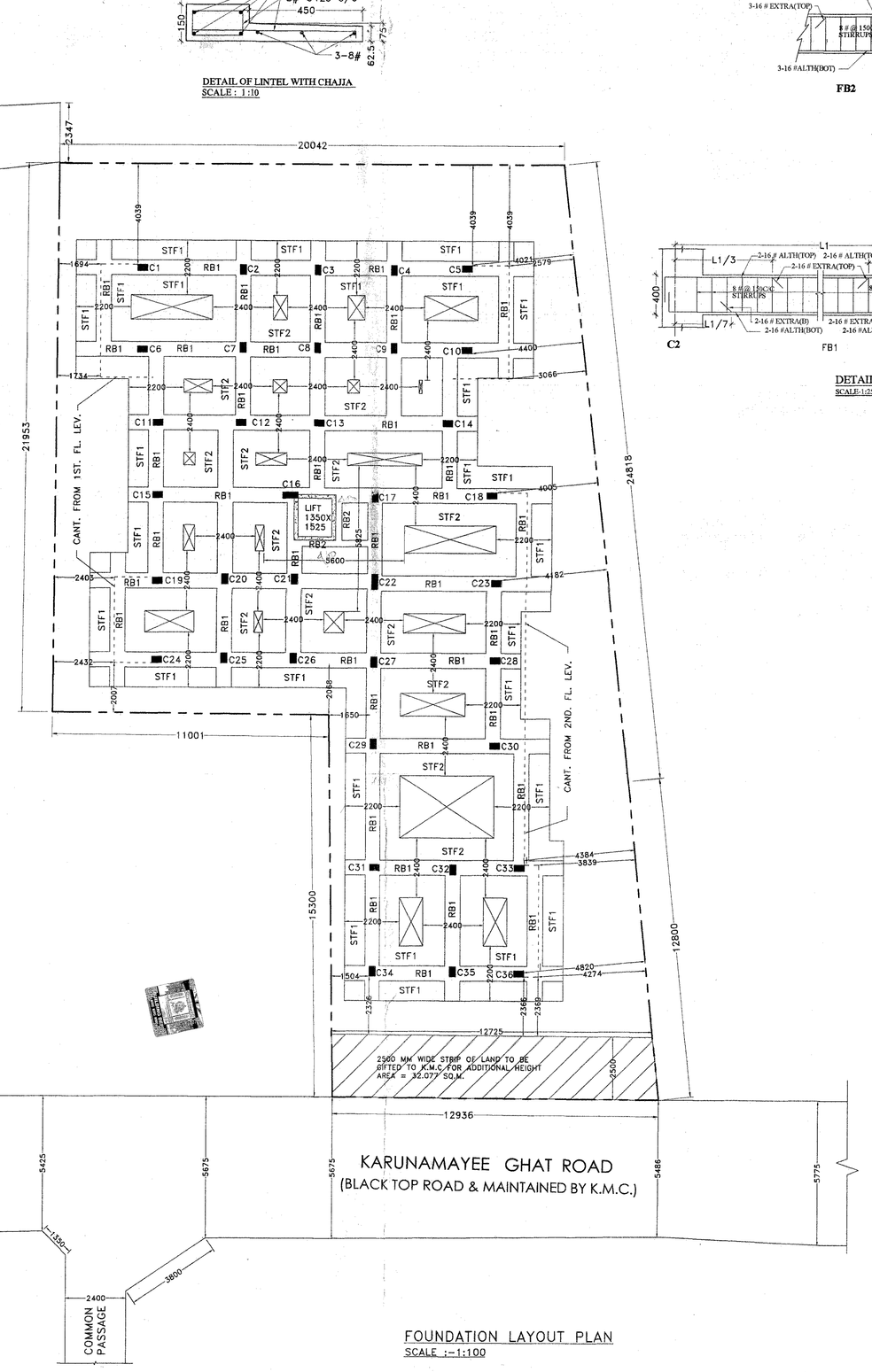
DETAILS CROSS SECTION OF FLOOR BEAM (MKD. FB1)

SCALE-1:25



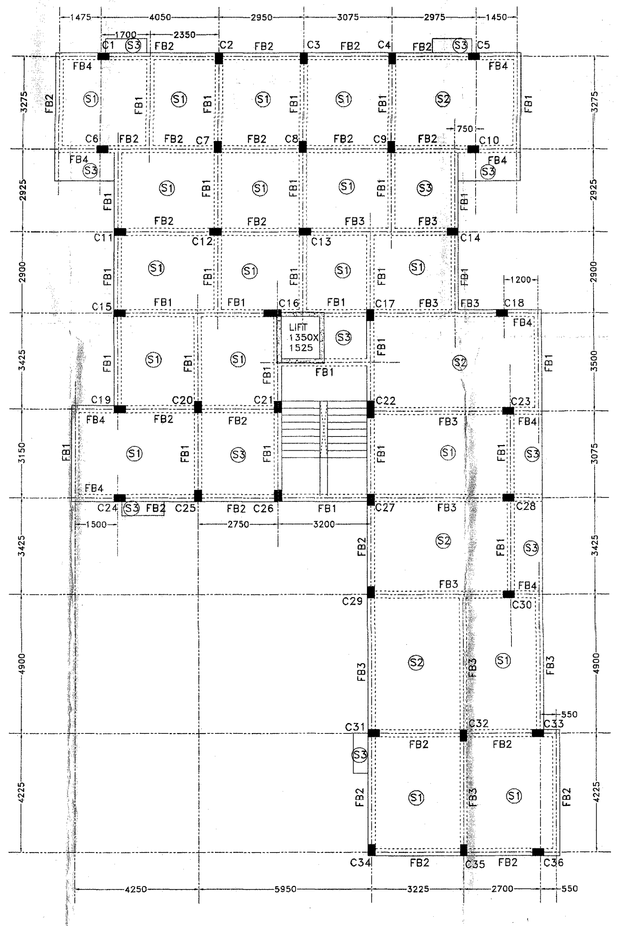
DETAIL OF LIFT (SEC. ON X-X)

SCALE -1:25



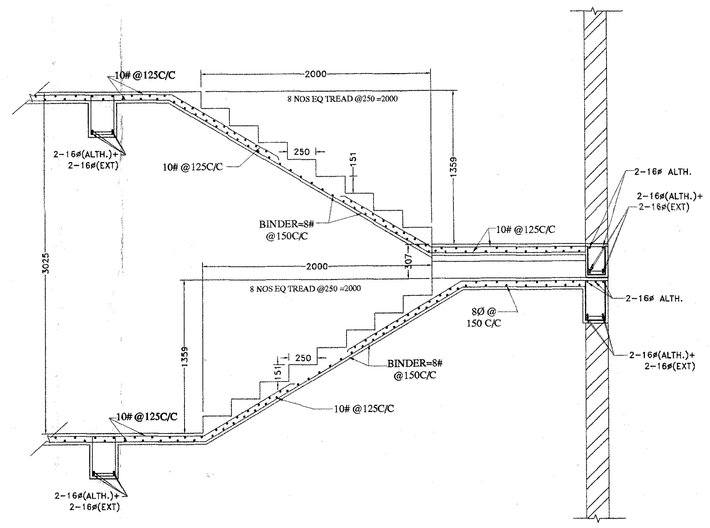
FOUNDATION LAYOUT PLAN

SCALE :-1:100



SLAB & BEAM ARRANGEMENT

SCALE :-1:100



DETAIL OF STAIRCASE

SCALE-1:25

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)

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 5486 MM (MIN.) ROAD CONFIRM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

ashisKundu
ASHIS KUNDU
B.C.E.(U.U.), L.B.S. No. 679 (I)K.M.C
25 B, Mahatma Gandhi Road
Kolkata-700 082
SRI ASHIS KUNDU (L.B.S. NO.-679/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.

SOIL TEST HAS BEEN DONE BY MR. KALLOL KUMAR GHOSAL OF "MAS", 4, GARFA MAIN ROAD, KOLKATA-700 075

ashisKundu
ASHIS KUNDU
B.C.E.(U.U.), E.S.E. No. II/327
25B, Mahatma Gandhi Road
Kolkata-700 082
SRI 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. Ghosal
Kallol Kr. Ghosal, B.E.(Civil), ME
Geo Technical Engineer
KMC Empanelment No. G.T./II/14
SRI KALLOL KR. GHOSHAL (G.T./II/14)
SIGNATURE OF GEO-TECHNICAL ENGINEER

OWNER'S DECLERATION:-

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.

R. P. ENTERPRISE
Gopal Saha
Proprietor

As Constituted Attorney of
SRI ANANDA KR. KOLAY
SMT. SHIKHA KOLAY
SRI BASUDEB SENAPATI
SRI BHOLANATH SENAPATI
SRI BILTU SENAPATI
SRI JOYDEB SENAPATI
SRI MANTU SENAPATI

SRI GOPAL SAHA (PROPRIETOR OF M/S R.P. ENTERPRISE)
C.A OF (01) SRI ANANDA KR. KOLAY (02) SMT. SHIKHA KOLAY (03) SRI BASUDEB SENAPATI (04) SRI BHOLANATH SENAPATI (05) SRI BILTU SENAPATI (6) SRI JOYDEB SENAPATI (7) SRI MANTU SENAPATI

NAME OF OWNER(S)

A.K.CONSULTANT
25B, MAHATMA GANDHI ROAD, KOLKATA-700 082.
9830334675

STRUCTURAL PLAN OF PROPOSED G+IV STORIED RESIDENTIAL BUILDING U/S 393A OF K.M.C. ACT 1980 COMPLYING BUILDING RULE 2009 AT PREMISES NO. - 103E, KARUNAMOYEE GHAT ROAD, IN WARD NO.-115, BOROUGH NO.-XIII, UNDER THE KOLKATA MUNICIPAL CORPORATION, KOLKATA - 700 082, P.S.-HARIDEVPUR.

NAME OF THE OWNERS:
(01) SRI ANANDA KR. KOLAY (02) SMT. SHIKHA KOLAY (03) SRI BASUDEB SENAPATI (04) SRI BHOLANATH SENAPATI (05) SRI BILTU SENAPATI (06) SRI JOYDEB SENAPATI (07) SRI MANTU SENAPATI

SCALE :- 1:10, 1:25,1:100 (OTHERWISE MENTION)	DRAWN BY: INDRANI BOSE CHECKED BY: ASHIS KUNDU	NORTH