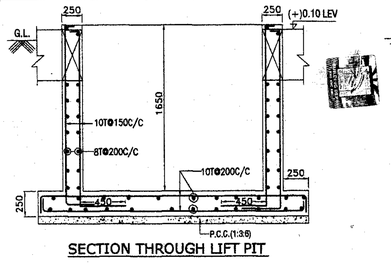
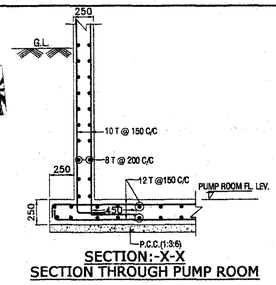
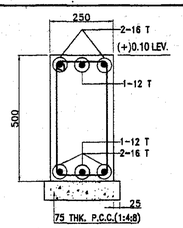


SECTION THROUGH LIFT PIT

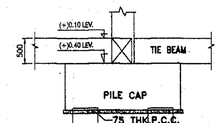


SECTION:-X-X
SECTION THROUGH PUMP ROOM

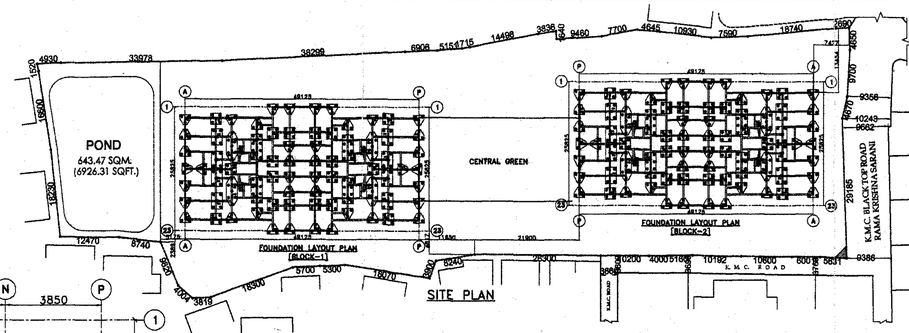


STIRRUPS= BAR:-8 T @ 150 C/C

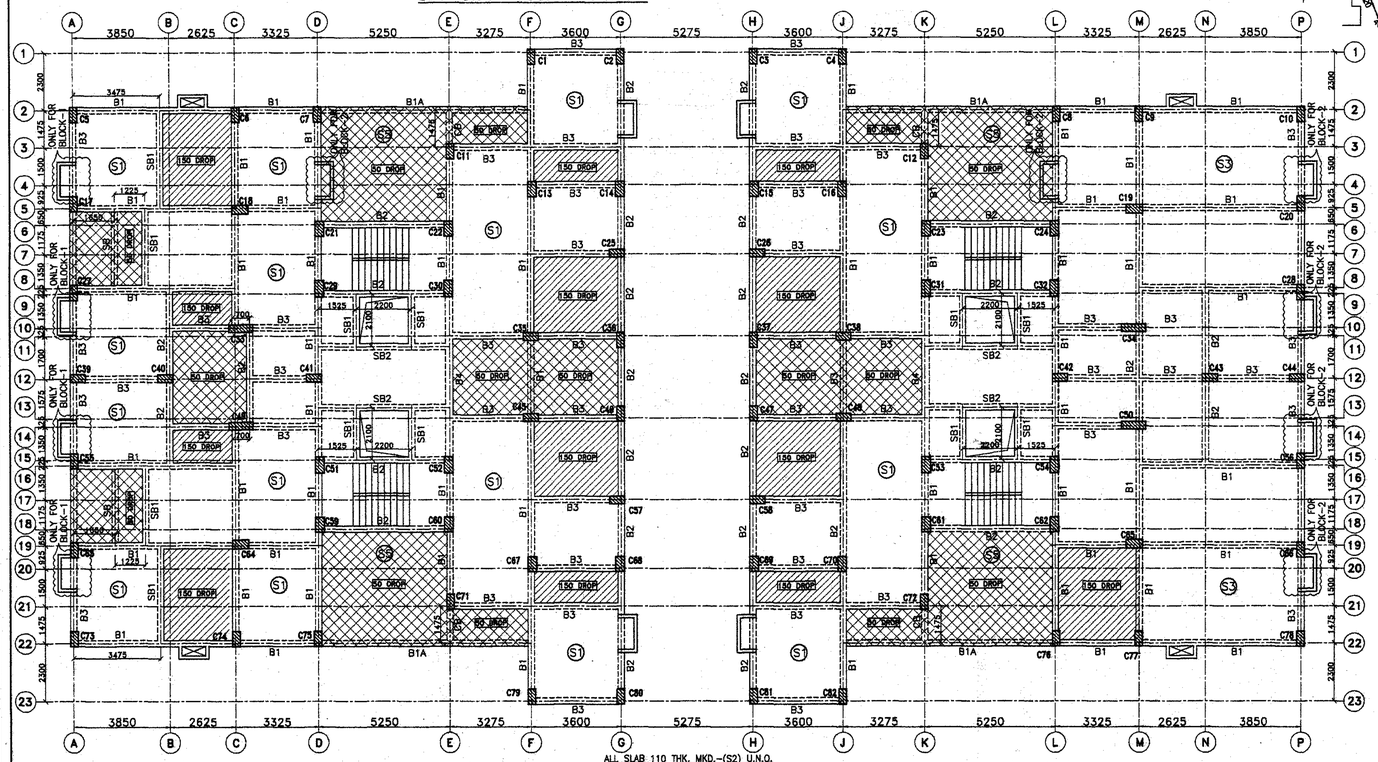
R.C.DETAIL OF TB
SCALE:-1:10



TYPICAL SECTION SHOWING LEVELS OF PILECAP & TIE BEAM

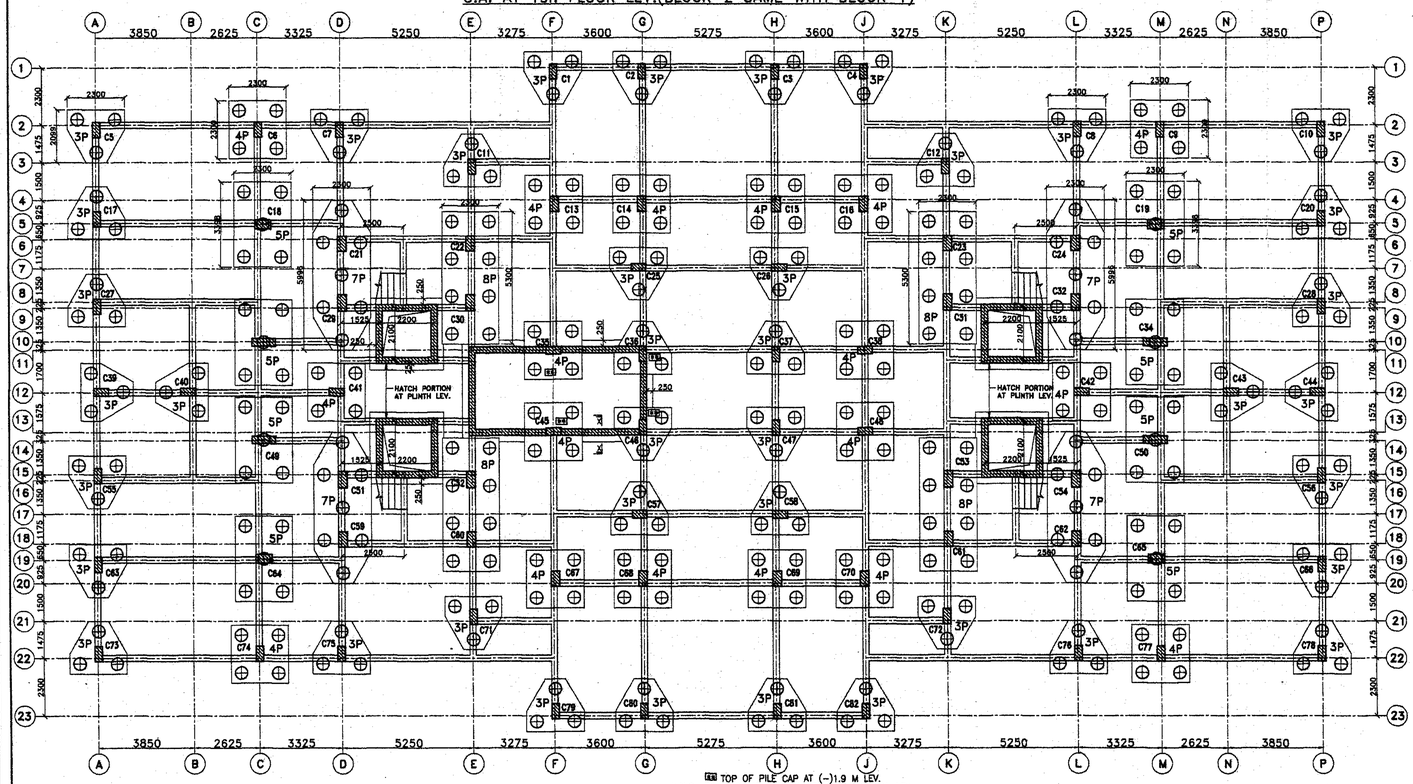


SITE PLAN



ALL SLAB 110 THK. MKD.-(S2) U.N.O.

G.A. AT 1st. FLOOR LEV.(BLOCK-2 SAME WITH BLOCK-1)



TOP OF PILE CAP AT (-)1.9 M LEV.
U.N.O. ALL PILE CAP TOP WILL BE AT (-)0.40 M. LEV.

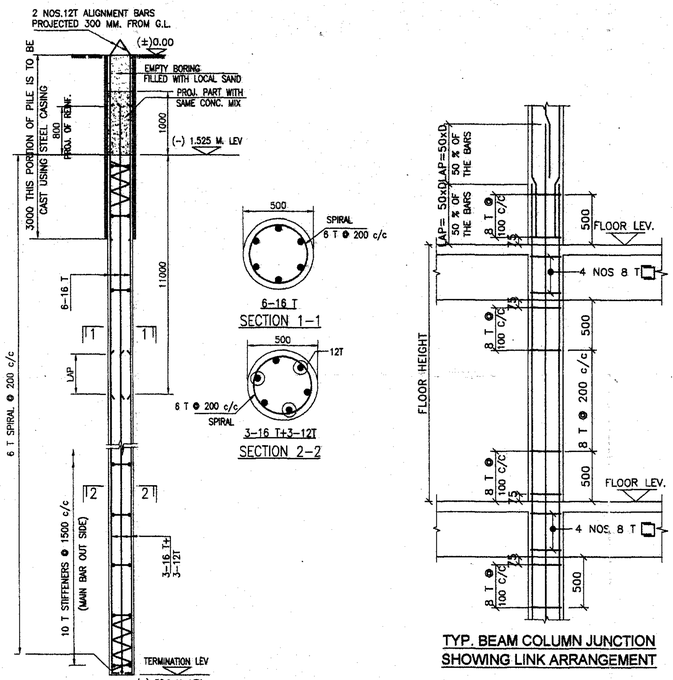
FOUNDATION LAYOUT PLAN(BLOCK-2 SAME WITH BLOCK-1)

COLUMN SCHEDULE

COLUMN MKD.	COL. SIZE	REINFORCEMENT					
		FDN. TO 1st FLOOR	1st. FLOOR TO 3rd. FLOOR LEV.	3rd. FLOOR TO 5th. FLOOR LEV.	5th. FLOOR TO 7th. FLOOR LEV.	7th. FLOOR TO 9th. FLOOR LEV.	9th. FLOOR TO Roof LEV.
C33,C34,C49,C50.	300X950	8–20T+6–16T	4–20T+10–16T	14–16T	14–16T	8–16T+6–12T	8–16T+6–12T
C18,C19,C30,C31, C52,C53,C64,C65.	350X650	12–25T+2–12T	8–25T+4–16T +2–12T	4–25T+8–16T +2–12T	4–20T+8–16T +2–12T	12–16T+2–12T	8–16T+4–12T +2–12T
C29,C32,C51,C54.	350X650	8–20T+4–16T +2–12T	4–20T+8–16T +2–12T	12–16T+2–12T	12–16T+2–12T	8–16T+4–12T +2–12T	8–16T+4–12T +2–12T
C13,C14,C15,C16,C21 C22,C24,C41,C42,C59 C60,C61,C62,C67,C68, C69,C70	350X600	12–20T+2–12T	8–20T+4–16T +2–12T	4–20T+8–16T +2–12T	12–16T+2–12T	8–16T+4–12T +2–12T	4–16T+8–12T +2–12T
C1,C2,C3,C4,C5,C7,C8 C10,73,C75,C76,C78, C79,80,C81,C82.	300X600	12–16T	12–16T	8–16T+4–12T	8–16T+4–12T	4–16T+8–12T	4–16T+8–12T
C11,C12,C17,C20,C25, C26,C27,C28,C39,C40, C43,C44,C55,C56,C57 C58,C63,C66,C71,C72	300X600	4–20T+8–16T	4–20T+8–16T	12–16T	8–16T+4–12T	4–16T+8–12T	4–16T+8–12T
C6,C9,C35,C36,C37, C38,C45,C46,C47,C48 C74,C77.	300X600	12–20T	8–20T+4–16T	4–20T+8–16T	12–16T	8–16T+4–12T	4–16T+8–12T

SCHEDULE OF PILE CAP

PILE CAP MKD	OVERALL DEPTH (mm)	CAP REINFORCEMENT						BURSTING BAR
		LONGER BAR			SHORTER BAR			
		BOTTOM BAR	TOP BAR	STIRRUPS	BOTTOM BAR	TOP BAR	STIRRUPS	
3P	1200	5–20T	4–12T	4L–10T@175C/C	5–20T	4–12T	4L–10T@175C/C	7–12T
4P	1400	17–20T	9–12T	——	17–20T	9–12T	——	8–12T
5P	1500	19–20T	10–12T	6L–10T@200C/C	27–20T	14–12T	——	9–12T
7P	1500	19–20T	10–12T	6L–12T@150C/C	47–20T	24–12T	——	9–12T
8P	1500	19–20T	12–12T	6L–12T@150C/C	43–20T	22–12T	——	9–12T



500 DIA BORED CAST–IN–SITU PILE
PILE CAPACITY 750 KN

TYP. BEAM COLUMN JUNCTION SHOWING LINK ARRANGEMENT

2 NOS ADDITIONAL FLOOR HAS BEEN CONSIDERED ON AND ABOVE SANCTION PROPOSAL

NORMAL CLAY BRICKS(UNIT WEIGHT 2000 Kg/Cum) HAS BEEN CONSIDERED FOR BRICKWORK

THIS DRG. SHALL BE READ ALONG WITH DRG NO KPIC/ESPACE./126, RAMAKRISHNA/CORP./2 OF 2

PROJECT:

PROPOSED G+X STORIED RESIDENTIAL BUILDING AT PRE.NO. 126, RAMAKRISHNA SARANI,MOUZA -BEHALA, J.L.NO-2, R.S. DAG.NO. 7373,7374, KHATIAN NO.- 267, WARD NO.- 130 , BOROUGH - XIV. DIST.- SOUTH 24 PARGANAS.

NOTES:

1. ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN M. U.N.O.
2. GRADE OF REINFORCEMENT IS Fe500.
3. GRADE OF CONCRETE IS
   a) PILE = M25
   b) FOUNDATION TO 5th. FLOOR LEV. = M35
   C) 5th. FLOOR LEV. TO ROOF = M30
4. LAP/BONDS LENGTH SHALL BE 40xD WHERE D IS THE DIA OF SMALLER BAR.
5. CLEAR COVER TO REINFORCEMENT:–
   a) PILE/PILECAP= 50 mm
   b) COLUMN & TIE BEAM = 40 mm
   C) FLOOR BEAM = 25 mm d) FLOOR SLAB = 20 mm
   e) WAIST SLAB = 20 mm
6. SPECIAL NOTES FOR PILES:–
a) SLUMP FOR CONCRETE SHALL BE 150 TO 180.
b) MAXIMUM W/C RATIO IS 0.5
c) MINIMUM CEMENT CONTENT IS 400KG/CUM OF CONCRETE.
d) CUTTING SHALL BE DONE BY CHIESEL AND BAILER,
e) EXTRUSION SHALL BE DONE BY D.M.C. METHOD.
f) ROLLER TYPE COVER BLOCK IS TO BE USED.
g) SPECIFIC GRAVITY OF BENTONITE SLURRY AFTER WASH SHALL BE1.1 TO 1.12.
h) PILE TO BE TESTED IN ACCORDANCE WITH IS 2911 PART–4.

ARCHITECTS' CERTIFICATE

THE PLOT HAS BEEN INSPECTED BY ME AND ON THAT BASIS I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME.THE PLOT IS DEMARCATED BY BOUNDARY WALL ON ALL FOUR SIDES. THE SITE PLAN AND LOCATION PLAN CONFORMS THE SITE.

DEBATOSH SAHU
Architect • Urban Designer
M.ARCH., RIA., FIUD., AIID.
Regn. No. CA/89/12368

DEBATOSH SAHU
Regn. No. CA/89/12368
35A, Dr. Sarat Banerjee Road, Kolkata-700 029

SIGNATURE OF ARCHITECT & SEAL

STRUCTURAL ENGINEERS' CERTIFICATE

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

K. Sengupta

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

KOUSHIK SENGUPTA
E.S.E.- I/76(K.M.C.)

SIGNATURE OF STRUCTURAL ENGINEER & SEAL

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 PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO–TECHNICAL POINT OF VIEW.

ALOK ROY
Empanelled Geotechnical Engineer
Kolkata Municipal Corporation
Class-I, No.- G.T/I/11
64, Milan Park,
Kolkata-700 084
ALOKE ROY
GTE No. I /11

SIG. OF GEO-TECNICAL ENGINEER

FOR KSG PROJECTS PVT. LTD.
Director

SIGNATURE OF OWNER & SEAL

ARCHITECT

ESPACE
35-A, DR. SARAT BANERJEE ROAD, KOLKATA-700029
Tele/Fax : 91-33-2465-4130 / 4109
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STRUCTURAL CONSULTANT
KSG PROJECTS AND INFRASTRUCTURE CONSULTANTS
P–543,RAJA BASANTA ROY ROAD,
KOLKATA–700–029

SCALE:– 1:100,1:50,1:25,1:10 | DATE:08–09–2020

DRAWING NO.–KPIC/ESPACE./126, RAMAKRISHNA/CORP./1 OF 2