

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 761313/1-2001. Date 24/12/2001. For record No. of the Kataka Municipal Corporation without verification No. deviation from the submitted structural plan shall be made at the time of erection without submitting fresh structural design. The design calculation and load shall be taken for the prescribed term, necessary steps should be taken for the safeguarding the adjoining structures and private properties and safety of human life during construction.

Blomane
 EXECUTIVE ENGINEER
 BONGHOU NO. 761313

Dy. Ch. Eng. (C)
Bldg. Dept.
Borough-VII

OFFICE OF THE EXECUTIVE ENGINEER
BUILDING BOROUGH - VI
DATE 27.03.15

PROJECT:-

PROPOSED PLAN OF G+W (BLOCK-A) & G+VII (BLOCK-B) STORED RESIDENTIAL BUILDING AT PREMISES NO-68, MATHESWARTOLA ROAD, WARD NO-58, BOROUGH-VII, P.S.-TILJALA, KOLKATA-700046 UNDER KMC

NOTES:-

1. ALL DIMENSIONS ARE IN mm. AND GRADE OF CONCRETE IS U. N. O.
2. GRADE OF CONCRETE IS M25.
3. GRADE OF CONCRETE IS M25.
4. GRADE OF CONCRETE IS M25.
5. GRADE OF CONCRETE IS M25.
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7. GRADE OF CONCRETE IS M25.
8. GRADE OF CONCRETE IS M25.
9. GRADE OF CONCRETE IS M25.
10. GRADE OF CONCRETE IS M25.
11. GRADE OF CONCRETE IS M25.
12. GRADE OF CONCRETE IS M25.

SAVITA ASSOCIATES PVT. LTD.

Savita
Architect

SIGNATURE OF OWNER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN & DRAWINGS OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE WITH ALL RESPECT.

SIGNATURE OF ENGINEER

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009 AS AMENDED TIME TO TIME THAT THE BUILDING SHALL BE SAFE AND STABLE WITH ALL RESPECT OR A FILLED UP TANK THE SITE IS DEMARKED BY BOUNDARY WALLS AND MEASUREMENT AGREED WITH THE DEED PLAN IT IS FULLY OCCUPIED BY THE OWNER.

SIGNATURE OF ARCHITECT

KAMAL KUMAR PRAHALAD
C.A.S. 1997

MAHESHWARI & ASSOCIATES
37A BAKER ROAD, 2ND FLOOR, ALPORA
KOLKATA - 700027
TEL : 633466622884

STRUCTURAL DRAWING (SUB STRUCTURE)

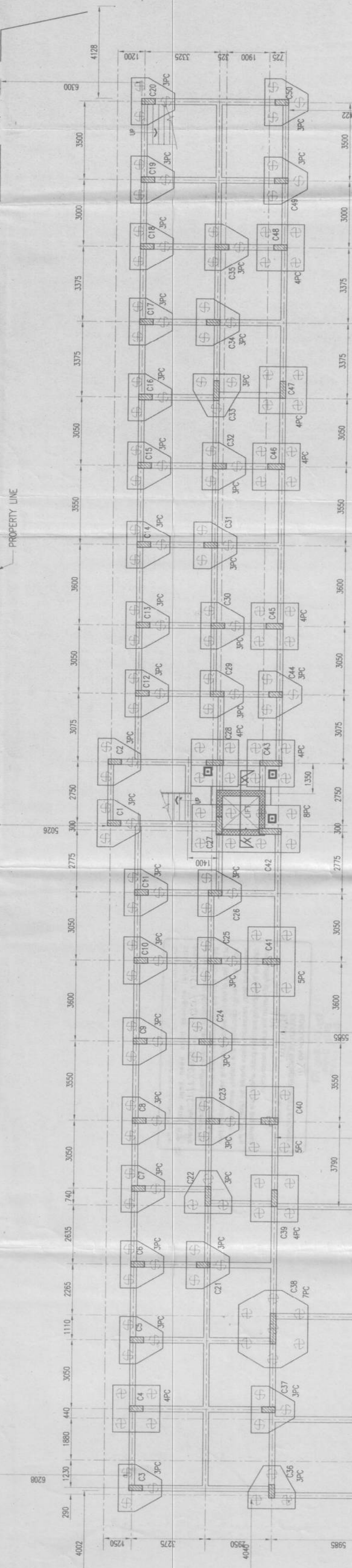
SCALE - 1:100

BLOCK-A

date-16-01-2015

sheet - 1 OF 2

K S G ENGINEERING CONSULTANTS
512 MAHAJATI NAGAR, BRATI
KOLKATA-700051



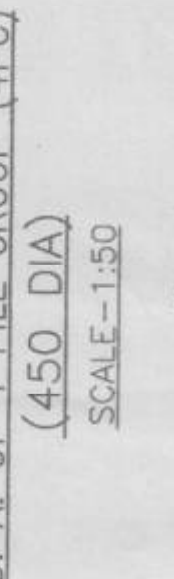
SCHEDULE OF PILE CAP

PILE CAP WID.	OVERALL DEPTH (mm)	CAP REINFORCEMENT				SHORT REINFORCEMENT	STIRRUPS	SKIN REIN.
		BOTTOM BAR	TOP BAR	STIRRUPS	BOTTOM BAR	TOP BAR		
2PC 450 DIA	800	8-16 T	4-12 T	10 T 4L @ 175 c/c	6-16 T	4-12 T	10 T 4L @ 175 c/c	(4+4)-12 T
3PC 450 DIA	800	8-16 T	4-12 T	10 T 4L @ 175 c/c	6-16 T	4-12 T	10 T 4L @ 175 c/c	(4+4)-12 T
4PC 450 DIA	1200	17-20 T	9-12 T	10 T 4L @ 200 c/c	23-20 T	12-12 T	10 T 4L @ 200 c/c	(6+6)-12 T
5PC 450 DIA	1200	17-20 T	9-12 T	10 T 4L @ 200 c/c	23-20 T	12-12 T	10 T 4L @ 200 c/c	(6+6)-12 T
6PC 450 DIA	1200	17-20 T	9-12 T	10 T 4L @ 200 c/c	23-20 T	12-12 T	10 T 4L @ 200 c/c	(6+6)-12 T
7PC 450 DIA	1350	27-20 T	14-12 T	10 T 6L @ 200 c/c	29-20 T	15-12 T	10 T 6L @ 200 c/c	(7+7)-12 T
8PC 450 DIA	1500	21-20 T	11-12 T	10 T 6L @ 200 c/c	45-20 T	23-12 T	10 T 6L @ 200 c/c	(8+8)-12 T
8PCA 450 DIA	1650	32-20 T	17-12 T	10 T 6L @ 200 c/c	35-20 T	18-12 T	10 T 6L @ 200 c/c	(9+9)-12 T

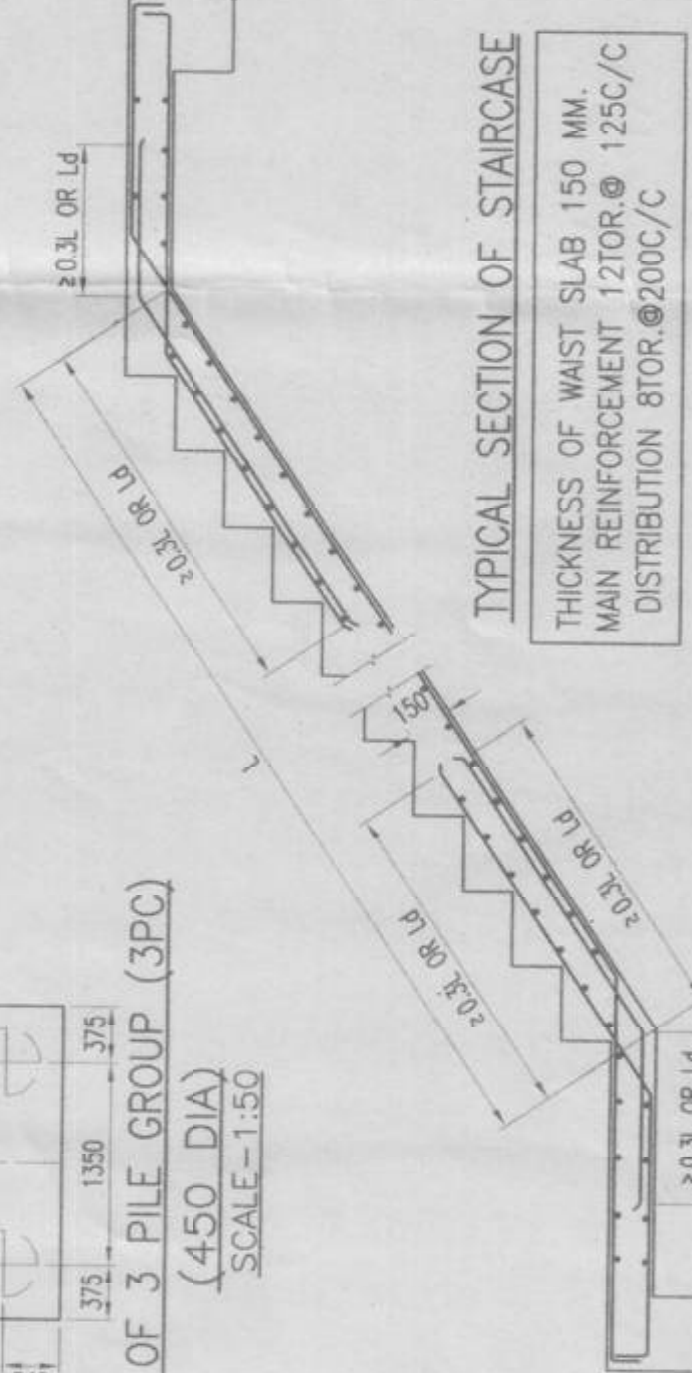
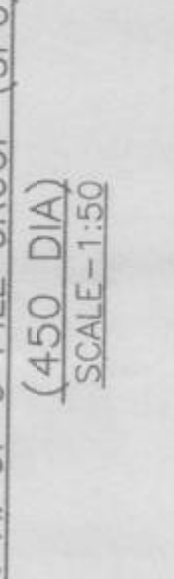
SCHEDULE OF COLUMNS

COLUMN MKD.	SIZE	FOUNDATION TO 1ST FL.	1ST FL. TO 3RD FLOOR	3RD FL. TO 4TH FL.	4TH FL. TO ROOF
C1, C2, C10, C13, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100	250X250	10-16 TOR	6-16 TOR + 4-12 TOR	4-16 TOR + 6-12 TOR	4-16 TOR + 6-12 TOR
C10, C25	250X250	10-16 TOR	4-20 TOR + 6-16 TOR	14-16 TOR	8-16 TOR
C11, C12, C13, C14, C15, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100	250X250	10-16 TOR	4-20 TOR + 6-16 TOR	14-16 TOR	8-16 TOR
C27, C39, C47, C60	250X250	14-20 TOR	8-20 TOR + 6-16 TOR	14-16 TOR	8-16 TOR
C28, C38, C58, C71	250X250	14-16 TOR	8-20 TOR + 6-16 TOR	14-16 TOR	8-16 TOR
C38	250X1360	22-20 TOR	12-20 TOR + 10-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C40, C45, C46, C62, C63	250X750	8-20 TOR + 6-16 TOR	4-20 TOR + 6-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C41, C52, C67	250X750	16-20 TOR	4-20 TOR + 6-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C42, C43	250X750	8-20 TOR + 6-16 TOR	4-20 TOR + 6-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C53	300X650	18-20 TOR	4-20 TOR + 6-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C54	UP TO 1ST FLOOR (400 X 750) 1ST FLOOR TO 3RD FLOOR (300 X 750) 3RD FLOOR TO ROOF (300 X 750)	14-25 TOR	8-25 TOR + 6-20 TOR	8-25 TOR + 6-20 TOR	8-25 TOR + 6-20 TOR
C57	250X1150	4-20 TOR + 18-16 TOR	22-16 TOR	12-16 TOR + 10-12 TOR	12-16 TOR
C58	250X750	14-20 TOR	8-20 TOR + 6-16 TOR	4-20 TOR + 6-12 TOR	4-20 TOR + 6-12 TOR
C61	250X800	14-16 TOR	8-16 TOR + 6-12 TOR	8-16 TOR + 6-12 TOR	8-16 TOR + 6-12 TOR
C61	250X350	6-16 TOR	-	-	-
C62	250X250	4-16 TOR	-	-	-

G. A. OF 4 PILE GROUP (4PC)
(450 DIA)
SCALE-1:50



G. A. OF 3 PILE GROUP (3PC)
(450 DIA)
SCALE-1:50



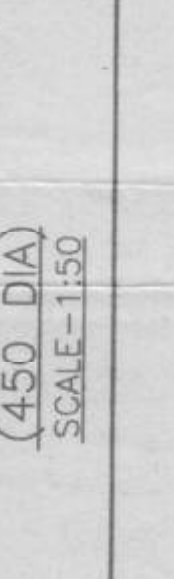
TYPICAL SECTION OF STAIRCASE

THICKNESS OF SLAB 150 MM
MAIN REINFORCEMENT 12TOR @ 125C/C
DISTRIBUTION 8TOR @ 200C/C

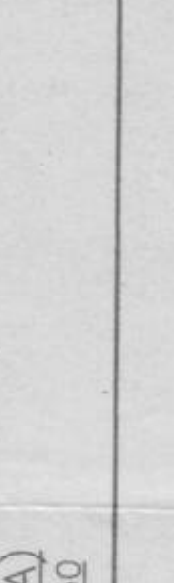
SECTION X-X
SCALE-1:30



G. A. OF 5 PILE GROUP (5PC)
(450 DIA)
SCALE-1:50



G. A. OF 6 PILE GROUP (6PC)
(450 DIA)
SCALE-1:50



G. A. OF 7 PILE GROUP (7PC)
(450 DIA)
SCALE-1:50



TYP. DET. OF PILE
450 Ø PILE
(CAPACITY=410 KN.)

