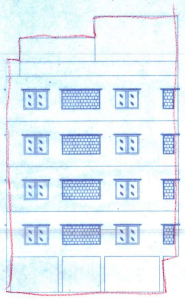
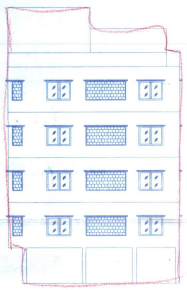
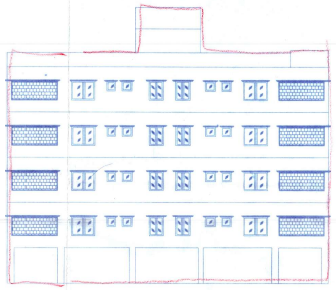
PLAN FOR PROP. G+4 STD. RESIDENTIAL FLAT TYPE BLDG. OF 1) PRATIP KUMAR BARDHAN, S/O LT. SALIL CHANDRA BARDHAN, 2) SUCHARITA BOSE, W/O LT. PRASANTA KUMAR BOSE, 3) SUSMITA TALUKDAR, W/O LT. PRADIP KUMAR TALUKDAR, 4) SUNRITA BAYCHOWDHURY, W/O ASIT BAYCHOWDHURY, IN MOUZA - KANAINATSAL, J.L. NO.- 76, R.S. PLOT NO.- 111, 102/226, L.R. PLOT NO.- 111726, L.R. KH. NO.- 355, AT MAHALLA KANAINATSAL NORTH, WARD NO.- 12, HOLDING NO. 23, P.S.- BARDHAMAN, DIST.- PURBA BARDHAMAN. UNDER BURDWAN MUNICIPALITY.



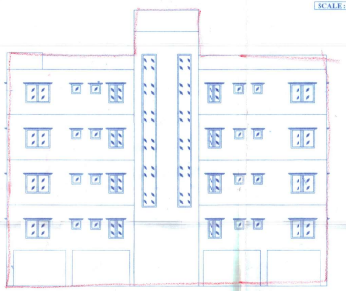
ELEVATION FROM FRONT



ELEVATION FROM NORTH

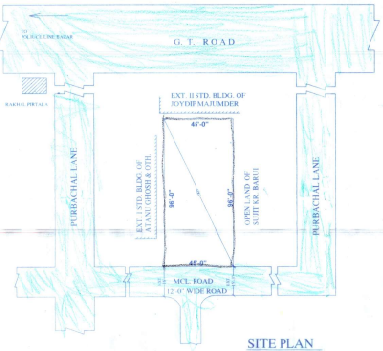


ELEVATION FROM EAST

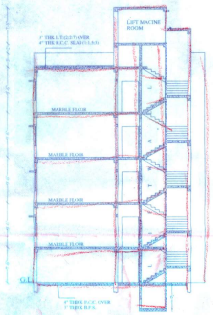


ELEVATION FROM WEST

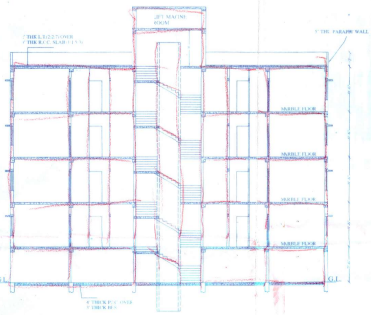
SCALE :- 8'-0" = 1"



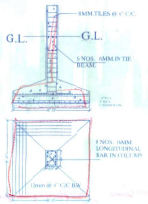
SITE PLAN
SCALE :- 20'-0" = 1"



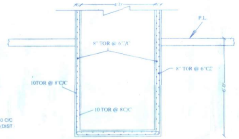
SECTION AT A-A



SECTION AT B-B

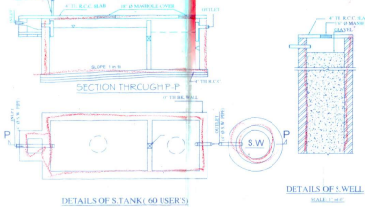


DETAILS OF COLUMN
SCALE - 1" = 4'-0"



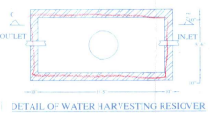
SECTION AT C-C

TYP. DETAILS OF LIFT WALL
SCALE :- 1" = 4"

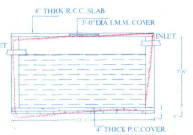


DETAILS OF S.TANK (60 USERS)
SCALE :- 1" = 4"

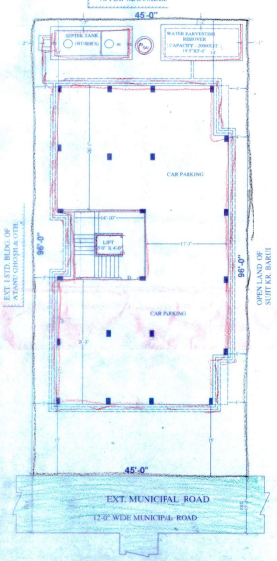
DETAILS OF S.WELL
SCALE :- 1" = 4"



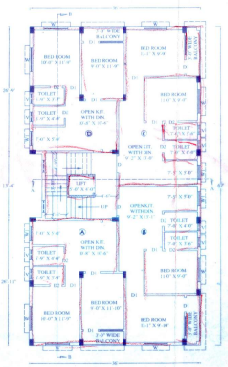
DETAIL OF WATER HARVESTING RESIVER
(CAPACITY - 16400 LIT.)



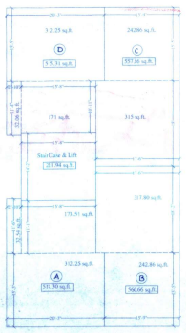
SECTION C - C



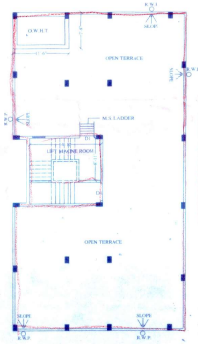
GROUND FLOOR PLAN



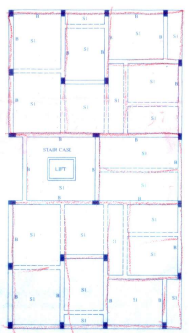
TYPICAL FLOOR PLAN
1ST, 2ND, 3RD, & 4TH FLOOR



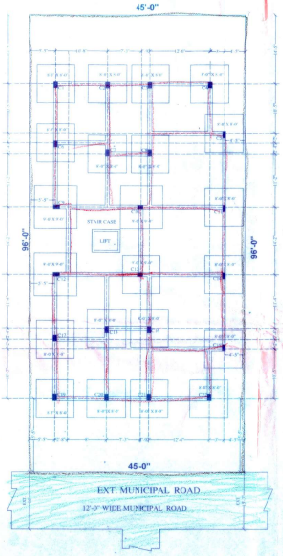
CALCULATION SHEET



ROOF PLAN



BEAM LAYOUT PLAN



FOUNDATION LAYOUT PLAN

SCHEDULE OF ROOF BEAM :-

BEAM MARKED	SIZE OF BEAM	AT SUPPORT REINFORCEMENT			AT SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B	10" x 12"	2 T16 TOP + 1 T16 EXTRA	2 T16 BOTTOM	2 L @ 6" c/c + 4 @ 8" c/c	2 T16 TOP	2 T16 BOTTOM + 1 T16 EXTRA	2 L @ 6" c/c + 4 @ 8" c/c
B	10" x 12"	2 T16 TOP + 1 T16 EXTRA	2 T16 BOTTOM	2 L @ 6" c/c + 4 @ 8" c/c	2 T16 TOP	2 T16 BOTTOM + 1 T16 EXTRA	2 L @ 6" c/c + 4 @ 8" c/c

SCHEDULE OF COLUMN :-

COLUMN MARKED	REINFORCEMENT UPTO RLROOF			REINFORCEMENT FROM 3RD ROOF	
	SIZE	LONGITUDINAL	TIES	SIZE	LONGITUDINAL / TIES
C1, C2, C3, C4, C5, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21	10" x 16"	10 - 16 dt T16	2/3 T8 @ 6" TO C/C	9'0" x 400	6 - 16 dt T16 & 12 dt T16 @ 150 C/C
C6	10" x 16"	12 - 16 dt T16	2/3 T8 @ 6" TO C/C	9'0" x 400	6 - 16 dt T16 & 12 dt T16 @ 150 C/C

SCHEDULE OF FOUNDATION :-

GRADE	FOUNDATION UNDER COLUMN MRKD	TYPE AND SIZE (mm)	DEPTH	REINFORCEMENT	
			AT COLUMN (1st basis)	ALONG LOWER DIRECTION	ALONG SHORTER DIRECTION
	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21	9'-0" X 6'-0"	12"	12 dt T16 @ 100 C/C	12 dt T16 @ 150 C/C
1	1 No. 6'-0" X 6'-0" X 6'-0"	9'-0" X 6'-0"	18"	20"	12 dt T16 @ 100 C/C & 12 dt T16 @ 150 C/C

SCHEDULE OF SLAB :-

SLAB MRKD	THICKNESS (mm)	REINFORCEMENT AT SUPPORT				REINFORCEMENT AT SPAN			
		ALONG LONGER DIRECTION		ALONG SHORTER DIRECTION		ALONG LONGER DIRECTION		ALONG SHORTER DIRECTION	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
A	5"	8 T10 @ 125 C/C	8 T10 @ 250 C/C	8 T10 @ 125 C/C	8 T10 @ 250 C/C	—	8 T10 @ 250 C/C	—	8 T10 @ 250 C/C

AREA STATEMENT

AREA OF LAND	= 4320 sq.ft.
PROPOSED COVERED AREA IN GROUND FLOOR (CAR PARKING)	= 2374.07 sq.ft.
PROPOSED COVERED AREA IN 1ST FLOOR	= 2374.07 sq.ft.
PROPOSED COVERED AREA IN 2ND FLOOR	= 2374.07 sq.ft.
PROPOSED COVERED AREA IN 3RD FLOOR	= 2374.07 sq.ft.
PROPOSED COVERED AREA IN 4TH FLOOR	= 2374.07 sq.ft.
TOTAL COVERED AREA (1ST +2ND +3RD & 4TH) FLOOR	= 9496.28 sq.ft.
GROUND COVERAGE	= 54.95 %
F.A.R	= 2.19
NO. OF FLOOR	= GR. + 4

AREA STATEMENT OF FLAT PER FLOOR

FLOOR	FLAT NO.	FLAT AREA
1ST	A	518.30 sq.ft.
	B	560.66 sq.ft.
	C	557.86 sq.ft.
	D	515.31 sq.ft.
	COMMON AREA	221.94 sq.ft.
	TOTAL AREA	2374.07 sq.ft.
2ND	A	518.30 sq.ft.
	B	560.66 sq.ft.
	C	557.86 sq.ft.
	D	515.31 sq.ft.
	COMMON AREA	221.94 sq.ft.
	TOTAL AREA	2374.07 sq.ft.
3RD	A	518.30 sq.ft.
	B	560.66 sq.ft.
	C	557.86 sq.ft.
	D	515.31 sq.ft.
	COMMON AREA	221.94 sq.ft.
	TOTAL AREA	2374.07 sq.ft.
4TH	A	518.30 sq.ft.
	B	560.66 sq.ft.
	C	557.86 sq.ft.
	D	515.31 sq.ft.
	COMMON AREA	221.94 sq.ft.
	TOTAL AREA	2374.07 sq.ft.

REQUIRED CAR PARKING AREA	PROVIDED CAR PARKING AREA
5 NOS. OR 1125 sq.ft.	6 NOS. OR 1350 sq.ft.

DOORS & WINDOWS SCHEDULE

MKD.	SIZE	TYPE
D	3'-6" x 6'-6"	PANELLED
D1	3'-0" x 6'-6"	-
D2	2'-6" x 6'-6"	-
W	4'-0" x 4'-0"	GLAZED
W1	3'-0" x 4'-0"	-
W2	2'-0" x 2'-0"	-

SIGNIFICANCE

PROPERTY LINE SHOWN IN COLOUR	
PROP. CONS. SHOWN IN COLOUR	
DRAIN SHOWN IN COLOUR	
ROAD SHOWN IN COLOUR	

SPECIFICATIONS :

1. EARTH WORK IN EXCAVATION IN FOUNDATION TRENCHES.
2. EARTH FILLING IS FOUNDATION AND PLINTH .
3. B.T.S (1" THK.) IN FOUNDATION & PLINTH.
4. 3" THK. C.C. (6:3:1 IN FOUNDATION & PLINTH
5. 1" THK. D.P.C (4:2:1)
6. 5" TH. & 3" TH. PARTITION BRICK WORK WILL BE 1:5 CEMENT MORT/R
7. 8" TH. EXTERNAL WALLS WILL BE 1:5 CEMENT MORTAR
8. CEILING AND ALL R.C. PLASTER WILL BE 1/2" TH. 1:4 CEMENT MORT/R
9. 1" TH. MARBLE FLOORING
10. 3" THK. LIME TRACING (1:2:5)
11. TWO COATS WHITE WASH ON WALL & CELING
12. FRAME WITH SAL AND PANNEL WITH MURTA
13. ALL LINTELS AND CHAJAS AS PER SCALE.
14. CAR PARKING WILL BE ALLOTED ONLY TO THE FLAT OWNER NOT TO OUT SIDER

Extended up to 31/10/2024.

S.A.E

Dr. M. Shahid Mehdi 12.10.18.
Vice-Chairman
Burdwan Municipality
VICE CHAIRMAN

Chairman
Burdwan Municipality
ENGINEER (B.M.)

HEALTH OFFICER

Pradip Kumar Bardhan
Sucharita Bose
Susmita Talukdar
Sunrita Bhowdhury
OWNER

Sudeshna Sarkar
DRAWN BY