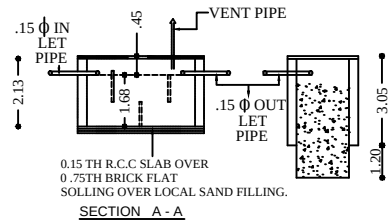
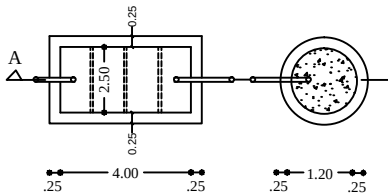


CHIEF OF BUILDING SHUTTER (GROUND FLOOR)

TYPE	WIDTH	HEIGHT	SILL. LEV.	LIN. LEV.	DESCRIPTION
R.S.	4.66	2.50	0.00	2.50	ROLLING SHUTTER
R.S.1	3.33	2.50	0.00	2.50	DO
R.S.2	3.15	2.50	0.00	2.50	DO
R.S.3	4.58	2.50	0.00	2.50	DO



SEPTIC TANK & SOAK PIT DETAIL



WATER TANK CALCULATION

CARPET AREA

BASEMENT & GROUND FLOOR
BUILT UP AREA :- 114.24 M SQ M.

TOTAL CARPET AREA :- 114.24/2 = 57.12 M SQ M.

ASSUME 6 PERSONS FOR EVERY 100 M ² CARPET AREA

$\frac{57.12}{100} \times 6 = 3.43$ SAY 4 NOS.

OR

TOTAL NO OF FLAT- 5 X 5 = 25+4=29 NOS

PERSONS ASSUME@ 6 PERSONS PER FLATS

-29X6=174+4 = 178 PERSONS.

5 PERSONS EXTRA FOR LIFT MAN &

GUARD SO TOTAL PERSONS -178+5= 183 PERSONS

WATER REQUIRED @ 135 LTR. PER HEAD PER DAY

135 X 183 = 24,705.00 LTR +15,000.00 LTR FIRE FIGHTING

TOTAL REQUIREMENT.= 39,705.00 LTS. = 39.70 M ³

PROVISION OF WATER TANK-- 39.75 M ³

SIZE :- 2.44 X 4.24 X 2.00 = 20.69 M ³

SIZE :- 5.21 X 1.83 X 2.00 = 19.06 M ³

TOTAL :- = 20.69 + 19.06 = 39.75 M. ³

WATER HARVESING CALCULAION

TERRACE FLOOR AREA = 510.74SQ.M

REQUIRED SIZE OF WELL =6 CUBIC METER/100 SQ M. AREA

REQUIRED SIZE OF WELL = 5.11 X6 = 30.66 CUM

PROVISION OF WELL = 2.60 X 2.60 X 5.00 = 33.80 CUM

GREEN AREA CALCULATION

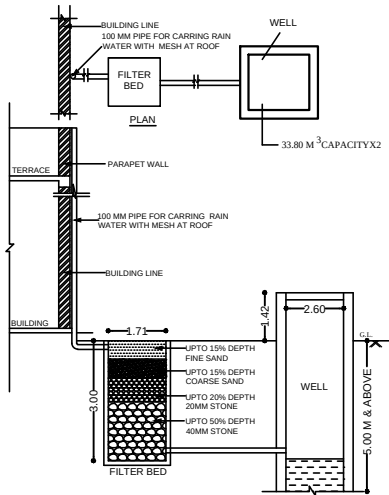
NET PLOT AREA = 1202.99 SQ.M

REQUIRED GREEN AREA =10% OF 1202.99 SQ.M =120.30 SQ.M

PROVISION OF GREEN AREA= RIGHT AND BACK SIDE

125.35 SQ.M

RAINWATER HARVESTING DETAIL



PROPOSED RESIDENTIAL CUM COMMERCIAL
APARTMENT BUILDING FOR

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2. MD. JAMAL UDDIN S/O LATE MD. GHARIBULLAH
3. SHABANA PARVEEN W/O MD. JAMAL UDDING
4. MD ALIM UDDIN, MD JAMIL UDDIN, MD. KALIM UDDIN S/O LATE MD MOIN UDDIN

AT PLOT NO. 1732, 1733, 1734, 1735, 1774
AND KHATA NO. 137, 160, 1410, THANNA NO.
44, TAUZI NO. 5473 , MAUZA SARARI,
DANAPUR, PATNA

ALL DIMENTION IN METER

SCALE-1:100

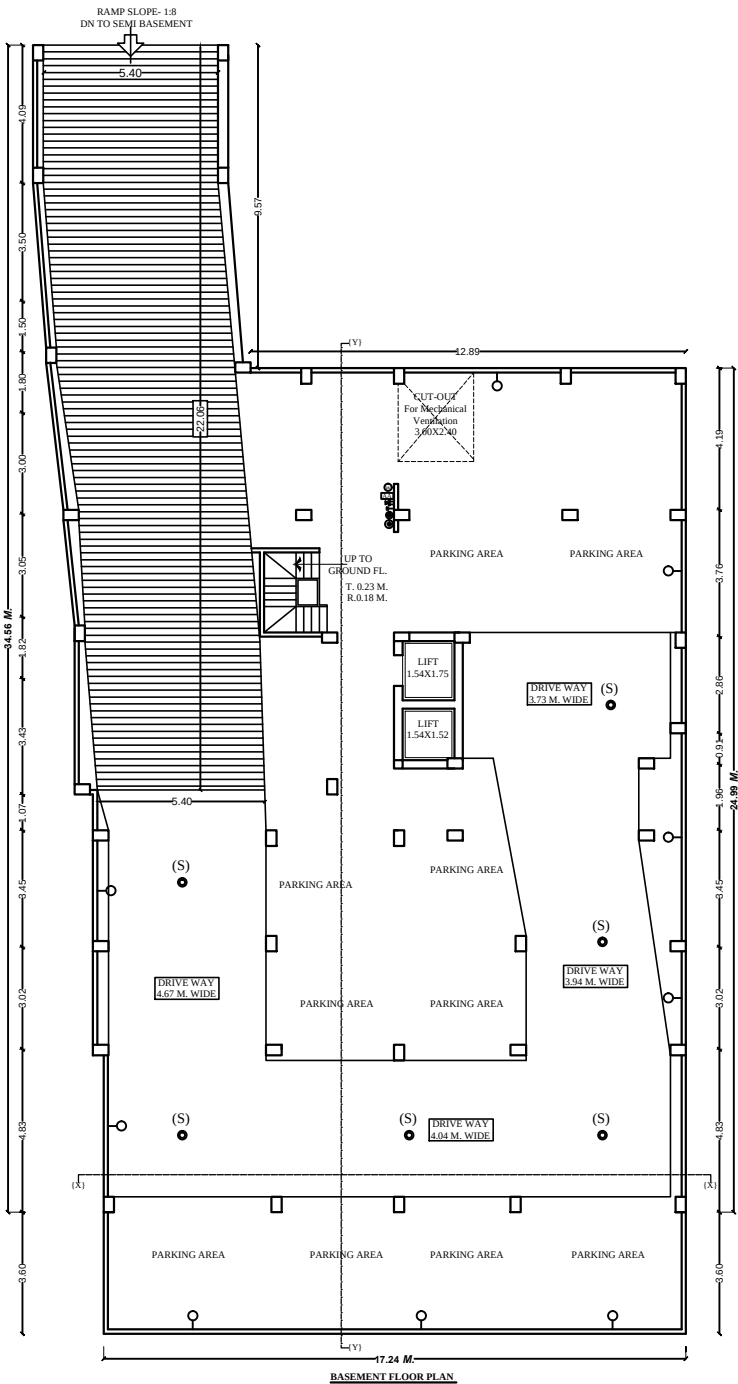
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NORTH:-

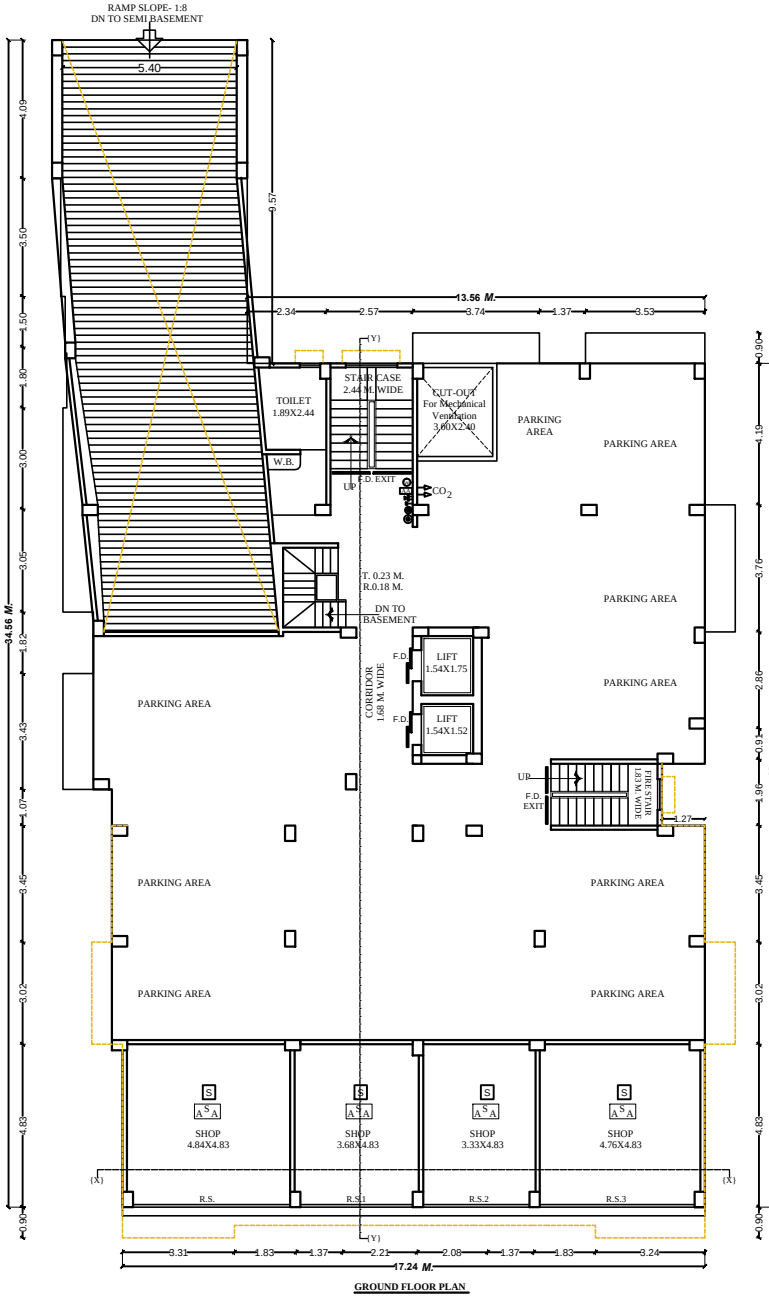
SIGNATURE OF OWNERS

SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER



BASEMENT FLOOR PLAN

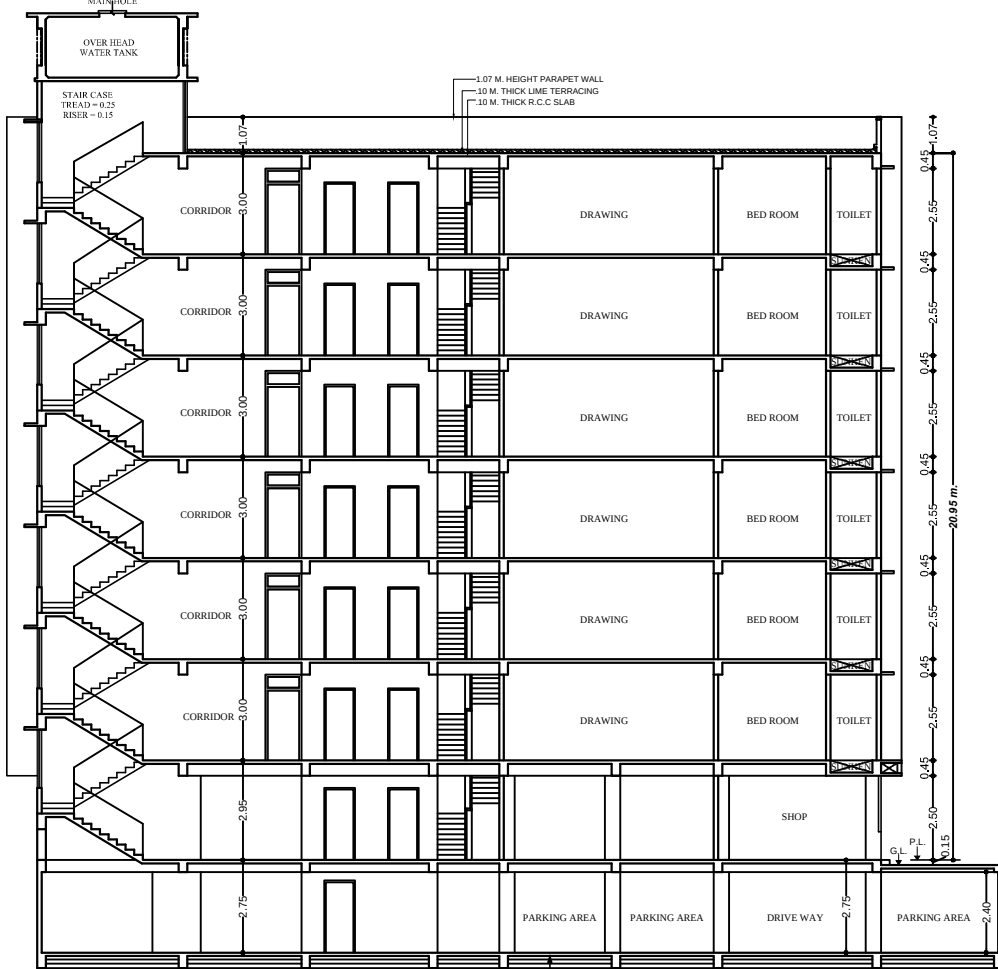


GROUND FLOOR PLAN



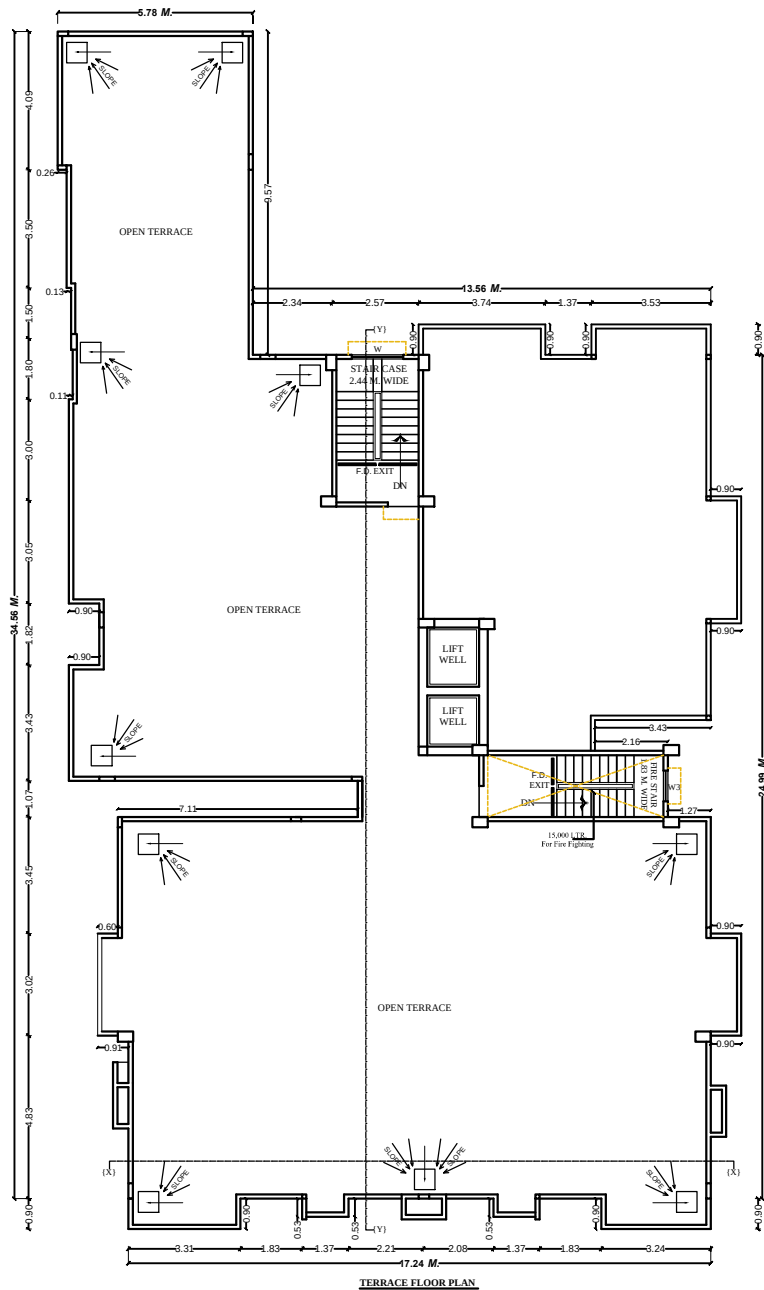
FRONT ELEVATION

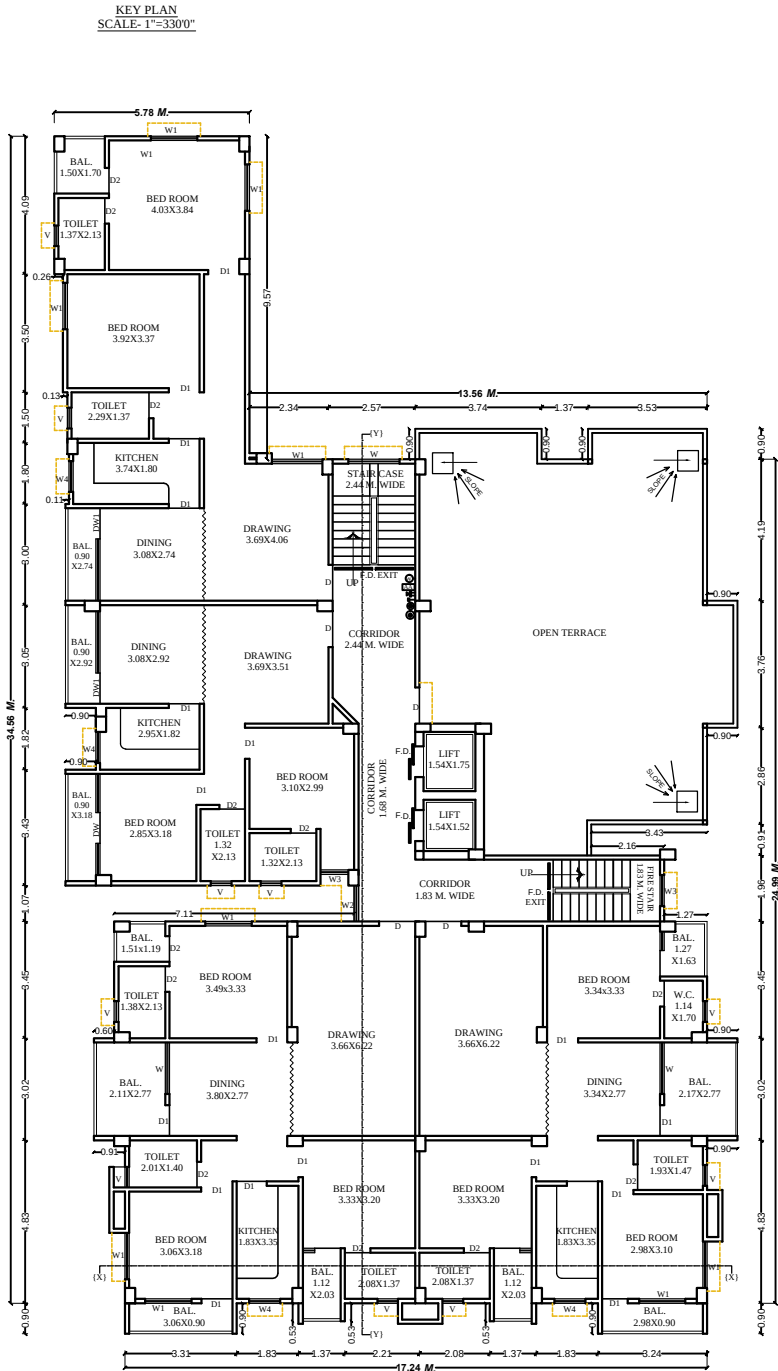
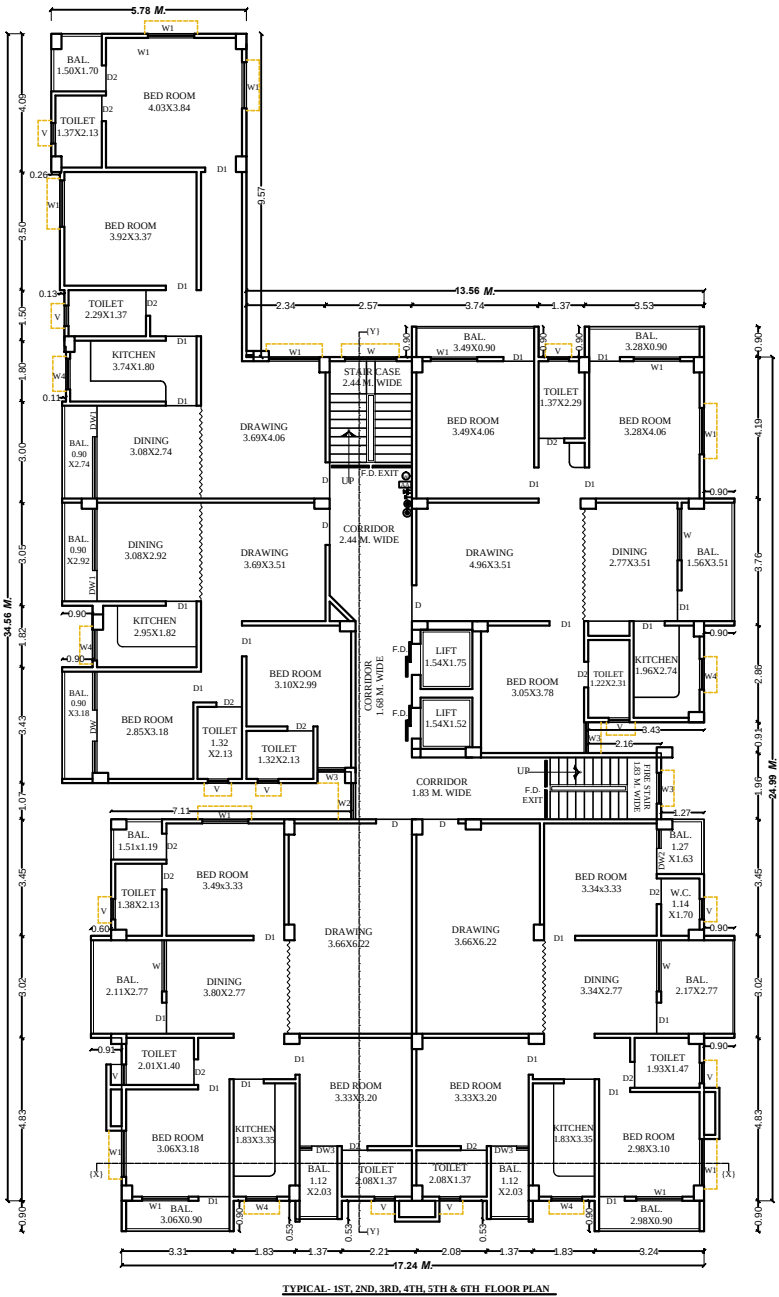
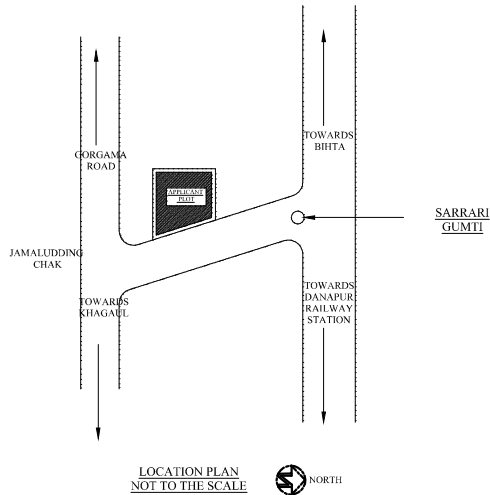
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



SPECIFICATION	
1. R.C.C. PILES FOUNDATION AS PER STRUCTURAL DESIGN 2. 1ST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTURE 3. 0.112 TH LIME TERRACING OVER 0.10 TH R.C.C. SLAB ON TOP FLOOR 4. 0.025 TH I.P.S. FLOORING OVER 0.15 TH DRY RAMMED KHOA OVER 0.075 TH FLAT BRICK SOLING 5. 12MM TH. CEMENT PLASTER ON BOTH SIDE OF WALL 6. ALL FLUSH DOORS AND STEEL FRAME WITH GLAZED WINDOW 7. WHITE AND COLOR WASH AS PER CHOICE	
PROPOSED RESIDENTIAL CUM COMMERCIAL APARTMENT BUILDING FOR 1. FAROGH MAHMOOD S/O LATE MOHAMMAD MOFIZUL HAQUE 2. MD. JAMAL UDDIN S/O LATE MD. GHARIBULLAH 3. SHABANA PARVEEN W/O MD. JAMAL UDDING 4. MD ALIM UDDIN, MD JAMIL UDDIN, MD. KALIM UDDIN S/O LATE MD MOIN UDDIN AT PLOT NO. 1732, 1733, 1734, 1735, 1774 AND KHATA NO. 137, 160, 1410, 1410, THANNA NO. 44, TAUZI NO. 5473 , MAUZA SARARI, DANAPUR, PATNA	
ALL DIMENTION IN METER	

SIGNATURE OF STRUCTURAL ENGINEER





COMMERCIAL :-
BASEMENT FLOOR AREA : 13.42 Sqmt
GROUND FLOOR AREA : 100.82 Sqmt
TOTAL BUILT UP AREA :- 114.24 SQ.M.
PROVIDE 30% OF BUILT UP AREA AS REQUIRED PARKING AREA
REQUIRED PARKING AREA= 34.27 SQ.M
AND
RESIDENTIAL :-
FIRST FLOOR B/U AREA = 495.58 Sqmt.
SECOND FLOOR B/U AREA = 495.58 Sqmt.
THIRD FLOOR B/U AREA = 495.58 Sqmt.
FOURTH FLOOR B/U AREA = 495.58 Sqmt.
FIFTH FLOOR B/U AREA = 495.58 Sqmt.
SIXTH FLOOR B/U AREA = 401.27 Sqmt.
TOTAL BUILT-UP AREA = 2879.171 SQ. M)
PROVIDE 25% OF BUILT UP AREA AS REQUIRED PARKING AREA
= 719.79 SQ.M.
TOTAL REQUIRED PARKING AREA= 34.27 + 719.79 SQ.M
TOTAL REQUIRED = 754.06 SQ.M
ADD 15% FOR VISITOR'S = 113.10 SQ.M
TOTAL REQUIRED PARKING AREA =754.06 +113.10 SQ.M = 867.16 SQM
PROVISION OF COVERED PARKING-
BASEMENT COVERED PARKING - 585.47 SQM.
GROUND FLOOR COVERED PARKING - 291.69 SQM.
TOTAL COVERED PARKING AREA :- 877.16 SQM.

AREA CALCULATION				
AREA AS/PER DEED = 1208.90 Sqmt. AREA AS/PER POSSESSION = 1202.99 Sqmt.				
SEMI BASEMENT B/U AREA = 13.42 Sqmt. GROUND FLOOR B/U AREA = 100.82 Sqmt. FIRST FLOOR B/U AREA = 480.42+(30.32/2 =15.16) Sqmt. SECOND FLOOR B/U AREA = 480.42+(30.32/2 =15.16) Sqmt. THIRD FLOOR B/U AREA = 480.42+(30.32/2 =15.16) Sqmt. FOURTH FLOOR B/U AREA = 480.42+(30.32/2 =15.16) Sqmt. FIFTH FLOOR B/U AREA = 480.42+(30.32/2 =15.16) Sqmt. SIXTH FLOOR B/U AREA = 391.08+(20.38/2 =10.19) Sqmt. TOTAL BUILT-UP AREA = 2907.42 + 85.99 Sqmt. = 2993.41 SQMT.				
FAR = $\frac{2993.41}{1202.99}$ = 2,488				

SCHEDULE OF DOORS, WINDOWS					
TYPE	WIDTH	HEIGHT	SILL. LEV.	LIN .LEV.	DESCRIPTION
D	1.07	2.55	0.00	2.55	PANNEL
D1	0.91	2.13	0.00	2.13	DO
D2	0.76	2.13	0.00	2.13	DO
DW	3.00	2.55/1.64	0.00/0.91	2.55	PANNEL & GLAZED
DW1	2.74	2.55/1.64	0.00/0.91	2.55	DO
DW2	1.32	2.55/1.64	0.00/0.91	2.55	DO
DW3	1.12	2.55/1.64	0.00/0.91	2.55	DO
W	1.52	1.79	0.76	2.55	GLAZED
W1	1.37	1.79	0.76	2.55	DO
W2	1.07	1.79	0.76	2.55	DO
W3	0.91	1.79	0.76	2.55	DO
W4	0.91	1.48	1.07	2.35	DO
V	0.61	1.18	1.37	2.55	DO
PROPOSED RESIDENTIAL CUM COMMERCIAL APARTMENT BUILDING FOR					
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ALL DIMENTION IN METER					
SCALE-1:100	SHEET No-01.	NORTH- 			
SIGNATURE OF OWNERS		SIGNATURE OF ARCHITECT			
SIGNATURE OF STRUCTURAL ENGINEER					

