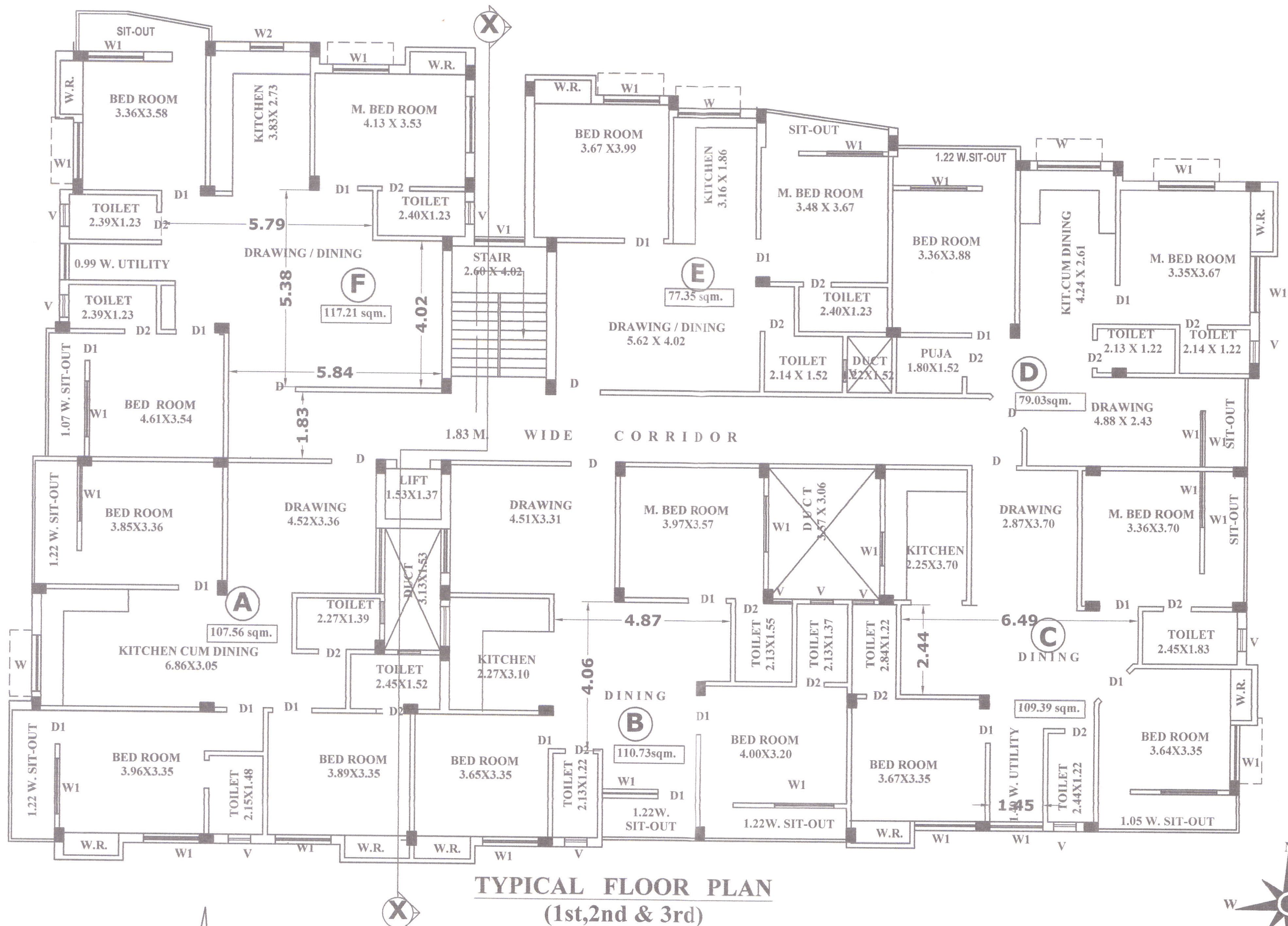
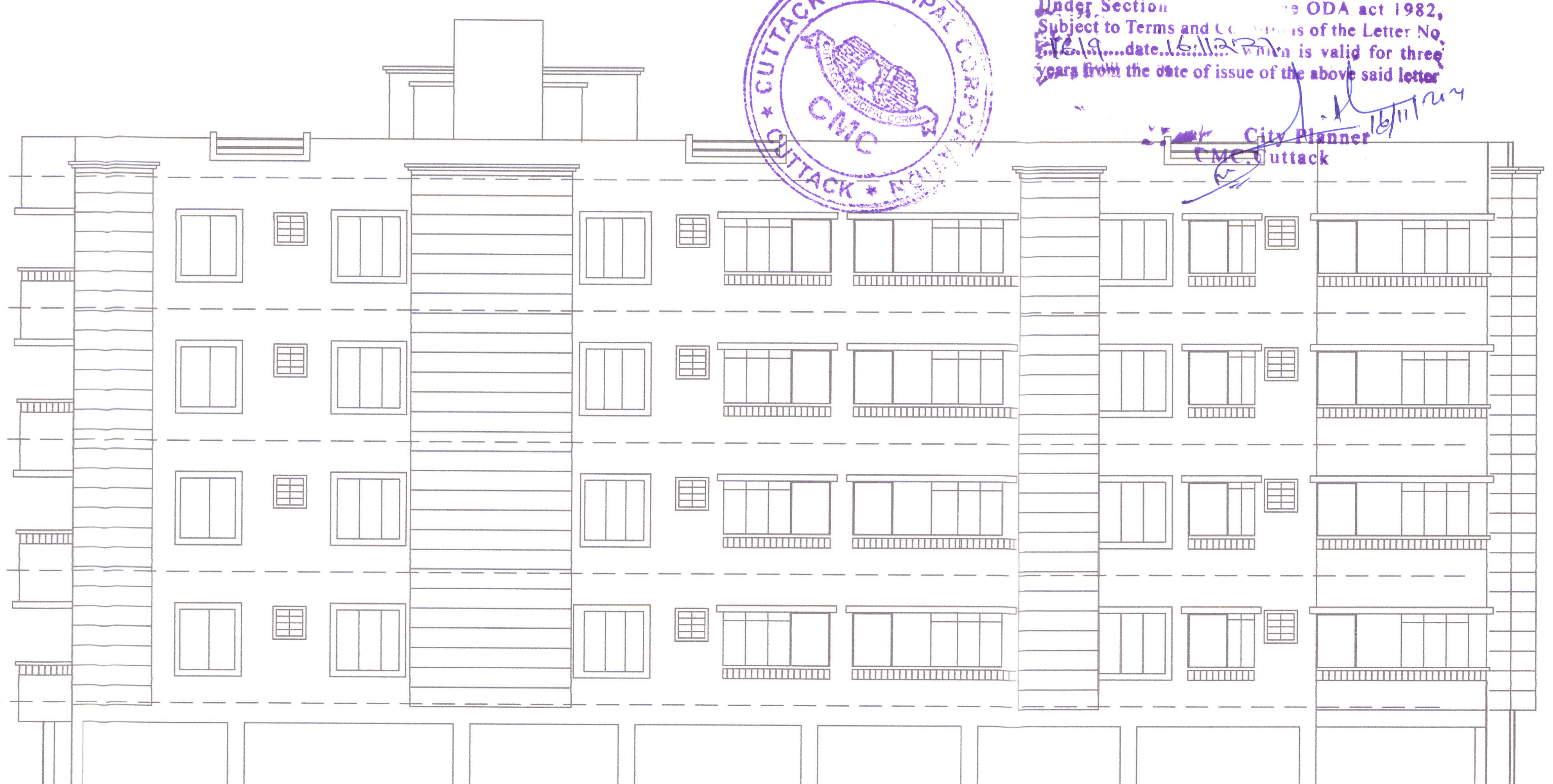
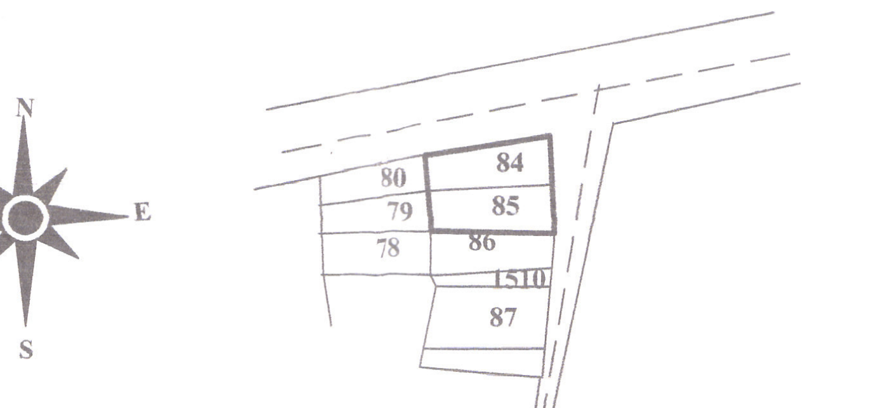

SIT-OUT
W2
W1
W.R.
BED ROOM 3.36X3.58
KITCHEN 3.83X 2.73
M. BED ROOM 4.13 X 3.53
BED ROOM 3.67 X3.99
KITCHEN 3.16 X 1.86
SIT-OUT
1.22 W.SIT-OUT
M. BED ROOM 3.48 X 3.67
BED ROOM 3.36X3.88
KIT.CUM DINING 4.24 X 2.61
M. BED ROOM 3.35X3.67
TOILET 2.39X1.23
TOILET 2.40X1.23
5.79
0.99 W. UTILITY
DRAWING / DINING
STAIR 2.60 X 4.02
F
117.21 sqm.
5.38
4.02
E
77.35 sqm.
DRAWING / DINING 5.62 X 4.02
TOILET 2.40X1.23
TOILET 2.14 X 1.52
DUCT
PUJA 1.80X1.52
TOILET 2.13 X 1.22
TOILET 2.14 X 1.22
D
79.03sqm.
DRAWING 4.88 X 2.43
TOILET 2.39X1.23
1.07 W. SIT-OUT
BED ROOM 4.61X3.54
5.84
1.83
1.83 M. WIDE CORRIDOR
LIFT 1.53X1.37
1.22 W. SIT-OUT
BED ROOM 3.85X3.36
DRAWING 4.52X3.36
DRAWING 4.51X3.31
M. BED ROOM 3.97X3.57
DUCT
KITCHEN 2.25X3.70
DRAWING 2.87X3.70
M. BED ROOM 3.36X3.70
SIT-OUT
A
107.56 sqm.
KITCHEN CUM DINING 6.86X3.05
TOILET 2.27X1.39
TOILET 2.45X1.52
KITCHEN 2.27X3.10
4.87
4.06
TOILET 2.13X1.55
TOILET 2.13X1.37
TOILET 2.84X1.22
2.44
6.49
C
DINING
TOILET 2.45X1.83
B
110.73sqm.
DINING
109.39 sqm.
1.22 W. SIT-OUT
BED ROOM 3.96X3.35
TOILET 2.15X1.48
BED ROOM 3.89X3.35
BED ROOM 3.65X3.35
TOILET 2.13X1.22
1.22W. SIT-OUT
BED ROOM 4.00X3.20
1.22W. SIT-OUT
BED ROOM 3.67X3.35
W. UTILITY
1.45
TOILET 2.44X1.22
BED ROOM 3.64X3.35
1.05 W. SIT-OUT
X
W.R.
W1
V
D
D1
D2

TYPICAL FLOOR PLAN
(1st,2nd & 3rd)

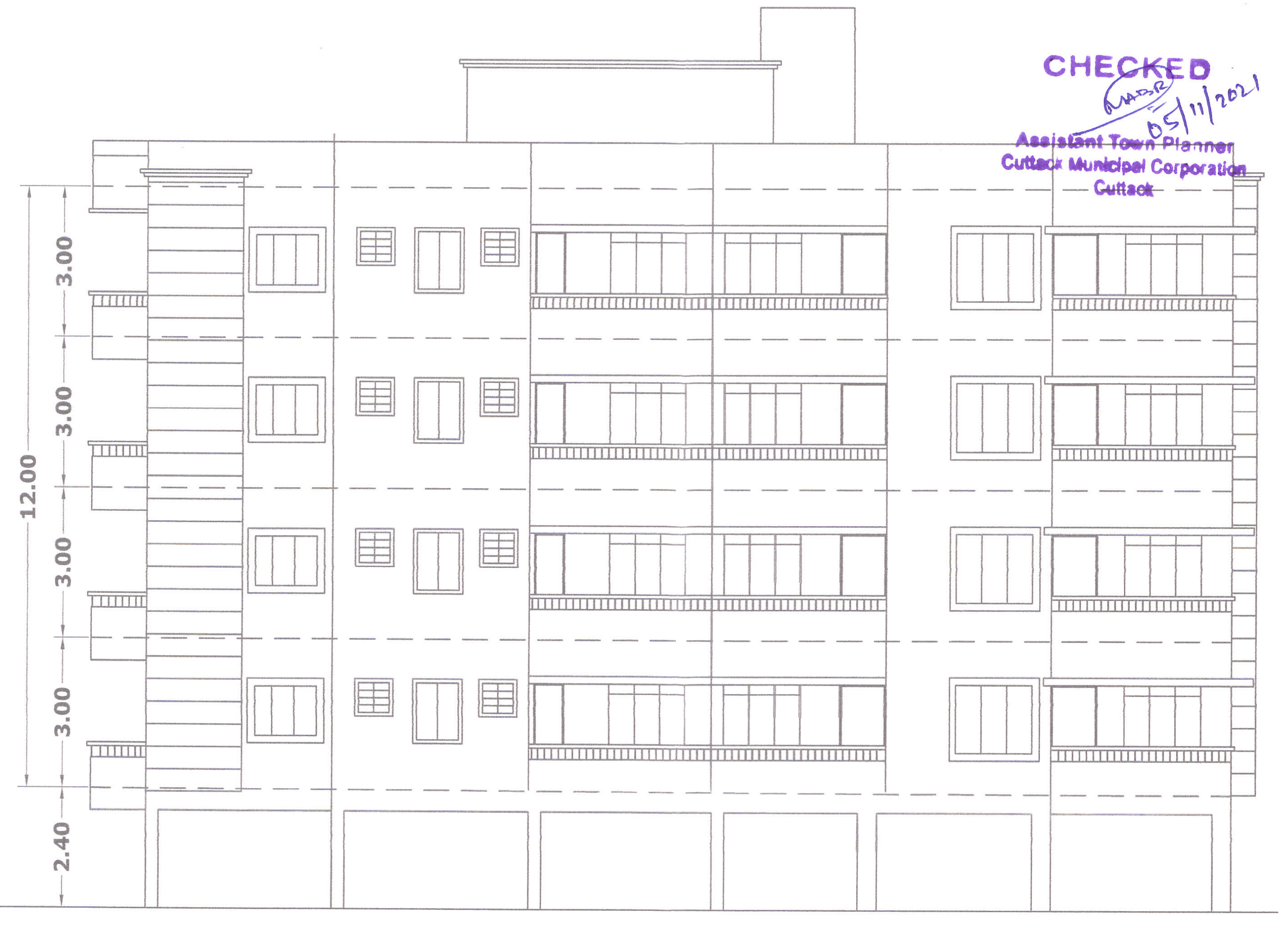

12.00
3.00
3.00
3.00
3.00
2.40

FRONT ELEVATION

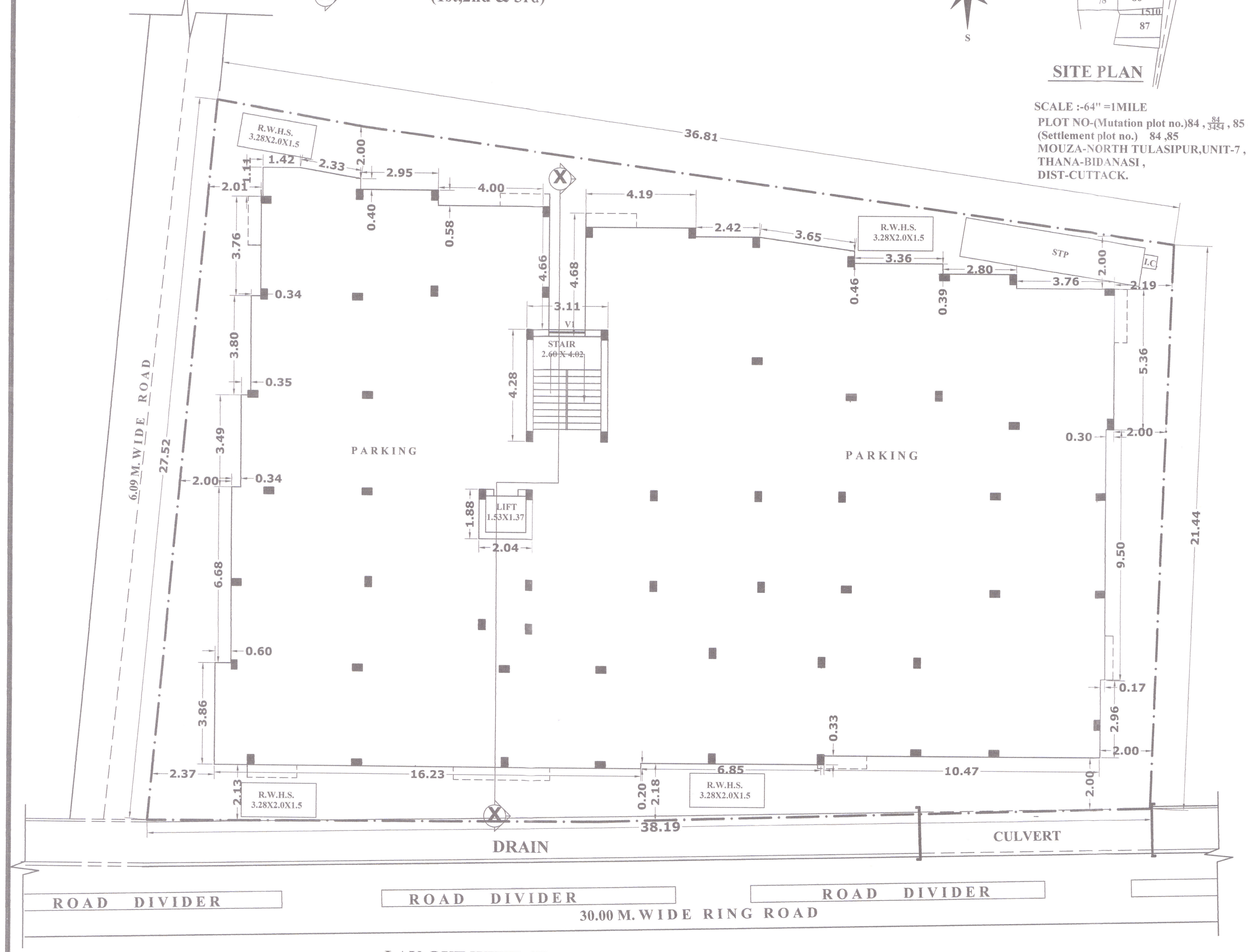

N
S
E
W
80
79
78
84
85
86
1510
87

SITE PLAN

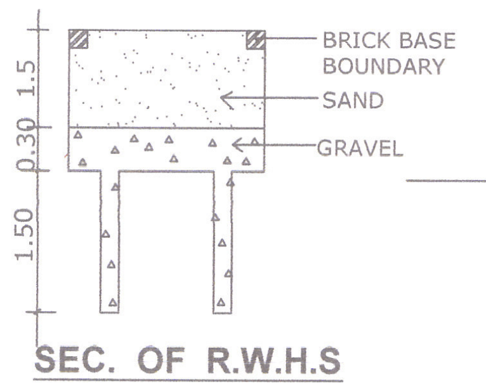
SCALE :-64" =1MILE
PLOT NO-(Mutation plot no.)84 ,$\frac{84}{3454}$, 85 & $\frac{85}{3455}$
(Settlement plot no.) 84 ,85
MOUZA-NORTH TULASIPUR,UNIT-7 ,
THANA-BIDANASI ,
DIST-CUTTACK.


12.00
3.00
3.00
3.00
3.00
2.40

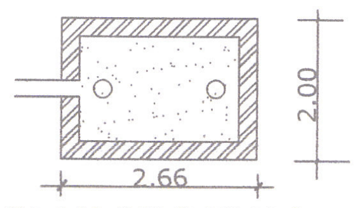
RIGHT SIDE ELEVATION


6.09 M. WIDE ROAD
27.52
36.81
R.W.H.S. 3.28X2.0X1.5
1.14
1.42
2.33
2.00
2.95
4.00
4.19
2.42
3.65
R.W.H.S. 3.28X2.0X1.5
3.36
STP
2.00
L.C
2.01
0.40
0.58
4.66
4.68
3.11
V1
2.80
3.76
2.19
3.76
0.34
0.46
0.39
3.80
STAIR 2.60 X 4.02
5.36
0.35
4.28
3.49
2.00
0.34
PARKING
PARKING
0.30
2.00
1.88
LIFT 1.53X1.37
2.04
6.68
9.50
21.44
0.60
0.17
3.86
2.96
0.33
2.00
2.37
16.23
6.85
10.47
2.13
R.W.H.S. 3.28X2.0X1.5
0.20
2.18
R.W.H.S. 3.28X2.0X1.5
2.00
X
38.19
DRAIN
CULVERT
ROAD DIVIDER
ROAD DIVIDER
ROAD DIVIDER
30.00 M. WIDE RING ROAD

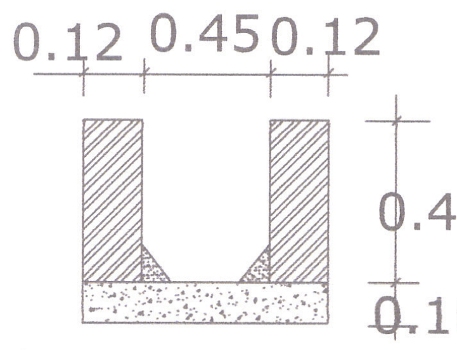
LAY-OUT WITH STILT FLOOR PLAN


BRICK BASE BOUNDARY
SAND
GRAVEL
1.50
0.30
1.5

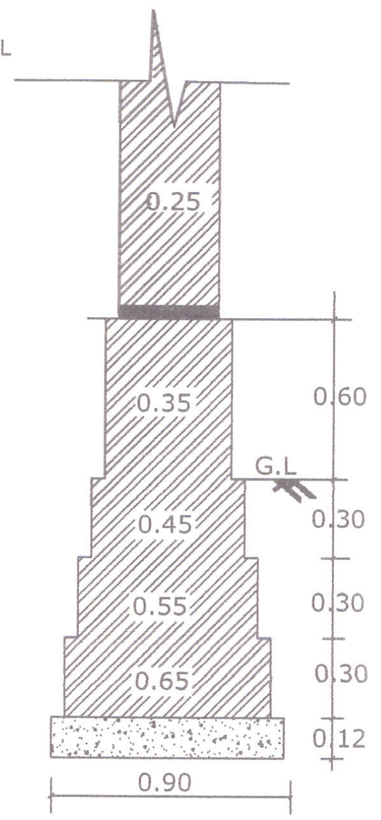
SEC. OF R.W.H.S



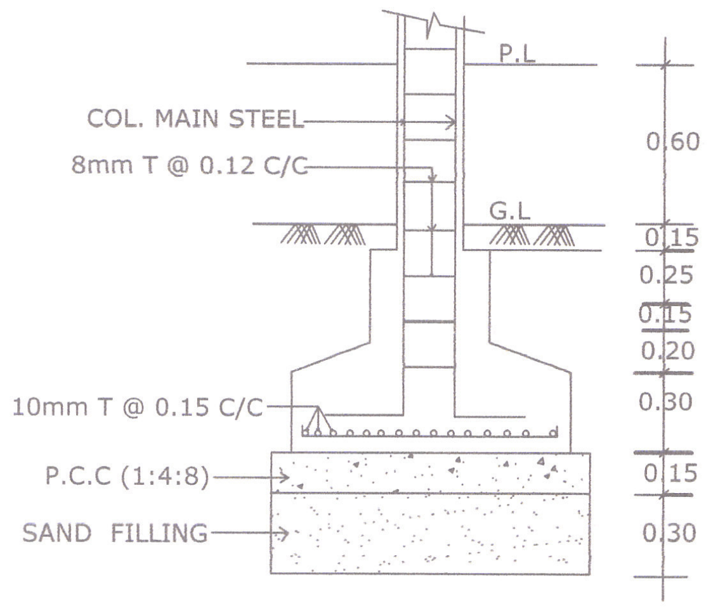
PLAN OF R.W.H.S


0.12
0.45
0.12
0.45
0.10

DRAIN DETAILS
SCALE -N.T.S


0.25
0.35
0.45
0.55
0.65
0.90
G.L
0.60
0.30
0.30
0.30
0.12

FOUNDATION DETAIL
(SCALE 1:50)


P.L
COL. MAIN STEEL
8mm T @ 0.12 C/C
G.L
10mm T @ 0.15 C/C
P.C.C (1:4:8)
SAND FILLING
0.60
0.15
0.25
0.15
0.20
0.30
0.15
0.30

COLUMN FOUNDATION
(SCALE 1:50)

B P No...134/2020...
CODE No T0300321

CUTTACK MUNICIPAL CORPORATION
Permission Granted For ...Residential...
Under Section ... ODA act 1982,
Subject to Terms and Conditions of the Letter No.
...1619...date..16.11.2021... which is valid for three
years from the date of issue of the above said letter

16/11/2021
City Planner
CMC, Cuttack

Approved Floor Area in FT²/M²
Ground Floor ...680.00 M²...
First Floor ...657.04 M²...
Second Floor ...657.04M²...
Third Floor ...657.04 M²...
Other Floor ...657.04 M²...
Total ...3308.16 M²...

CHECKED
05/11/2021
Assistant Town Planner
Cuttack Municipal Corporation
Cuttack

NOTE:-
ALL DIMENSIONS ARE IN METER

SCHEDULE OF DOORS & WINDOWS

TYPE	SIZE	DESCRIPTION
D	1.20X2.10	PANELED SHUTTER
D1	0.90X2.10	PANELED SHUTTER
D2	0.76X2.10	PANELED SHUTTER
W	1.82X1.35	GLAZED WINDOW
W1	1.52X1.35	GLAZED WINDOW
W2	0.90X1.35	GLAZED WINDOW
V	0.60X0.60	FIXED LOUVER
V1	1.20X2.00	FIXED LOUVER

AREA STATEMENT

PLOT AREA -A 0.239 dc or 967.328 sqm.

	F.A.R AREA	BUILT UP AREA
STILT FLOOR -		
(Parking) -	663.55 sqm.	
(Stair) -	12.62 sqm.	
(Lift) -	3.83 sqm.	
	16.45 sqm.	680.00 sqm.
FIRST FLOOR (Resi.) -	654.95 sqm.	657.04 sqm.
SECOND FLOOR (Resi.) -	654.95 sqm.	657.04 sqm.
THIRD FLOOR (Resi.) -	654.95 sqm.	657.04 sqm.
FOURTH FLOOR (Resi.) -	630.17 sqm.	657.04 sqm.
(Society room) -	24.78 sqm.	
	2636.25 sqm.	3308.16 sqm.

PARKING - (Required) -(Resi.) 2636.25 sqm. X 25% = 659.06 sqm.
(Provided) - = 663.55 sqm.

TOTAL BUILT UP AREA - 3308.16 sqm.

PLANTATION 20% (Required) - 193.46 sqm.
(Provided) - 2000.00 sqm.
R.W.H.S.= 39.42 cum.
R.W.H.S. size = 4 nos. each9.85cum.= 3.28 m. X2 m. X1.5 m.
F . A . R - 2636.25 sqm OR 2.72

TITLE OF THE PROJECT.

PROPOSED STILT + FOUR STORIED RESIDENTIAL(MIG) BUILDING OF MRS MENAKA BEHERA ,
OVER PLOT NO-(Mutation plot no.)84 , $\frac{84}{3454}$, 85 & $\frac{85}{3455}$
KHATA NO-257,$\frac{375}{493}$,827 ,(Settlement plot no.) 84,85
KHATA NO-257 ,827 ,MOUZA-NORTH TULASIPUR,UNIT-7
THANA-BIDANASI , DIST-CUTTACK.

POWER OF ATTORNEY HOLDER :-
MM ENGINEERS & CONSULTANTS
REPRESENT BY :- MR,UPENDRA NATH SUTAR

DRAWING TITLE :-
LAY OUT WITH STILT FLOOR, TYPICAL FLOOR, FRONT ELEV.,RIGHT SIDE ELEV.& OTHER DETAILS

SCALE : 1:100 OR AS NOTED	DATE - 02.04.2020	SHEET NO. - 1

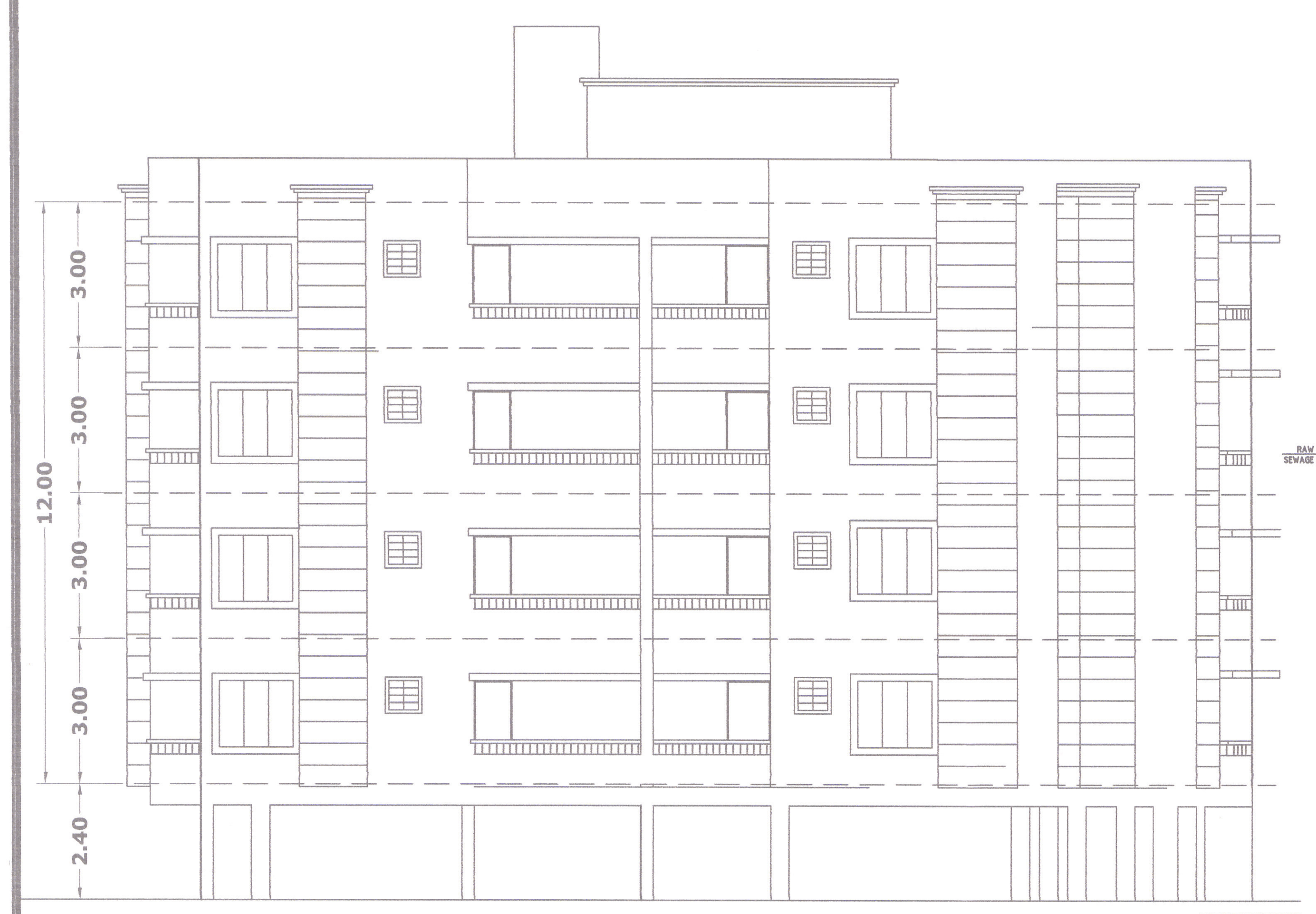
Upendra Nath Sutar

SIGN OF APPLICANT .

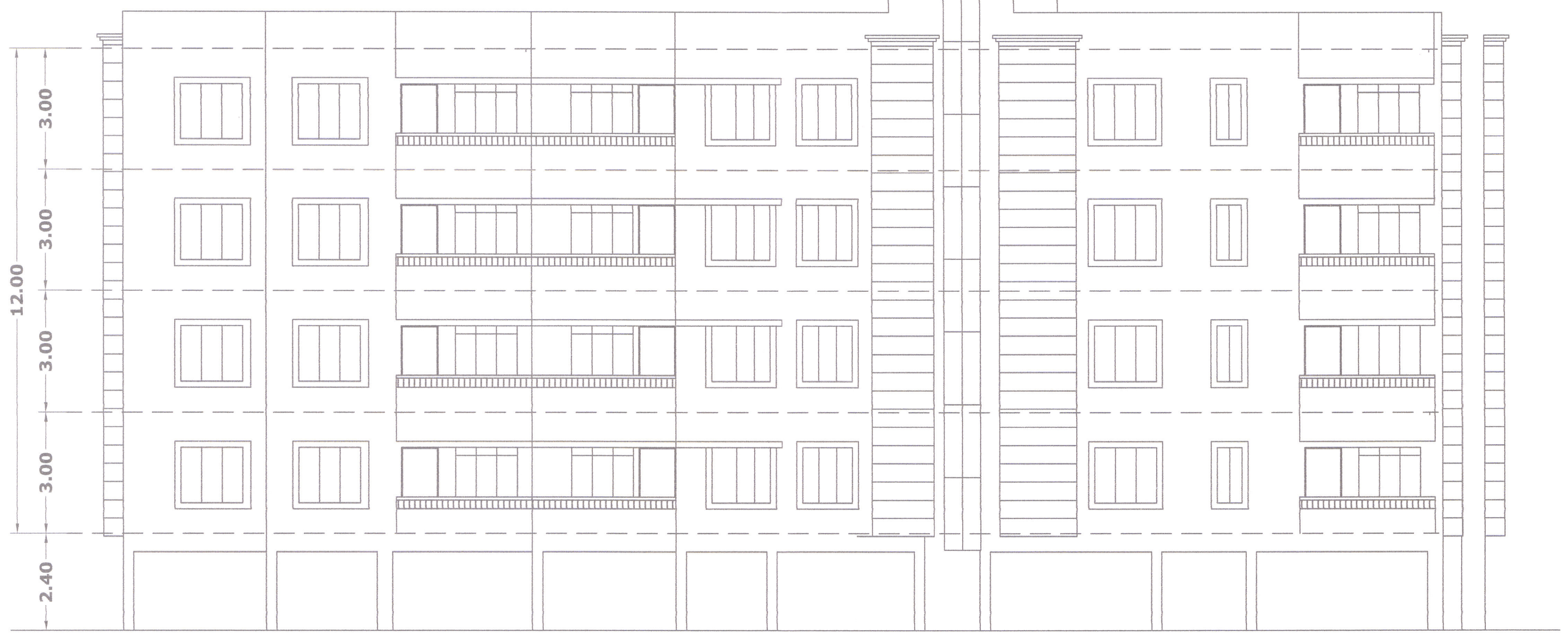
Er. Pritiranjan Maharana
Empanelled Civil Engineer
Regd. No.-RTP/DTP/ER-006/2017

SIGN. OF TECH PERSON .
Er. PRITI RANJAN MAHARANA
RTP/DTP(C.ER)-006/2017
RTP/DTP (ST.ER)-007/2017

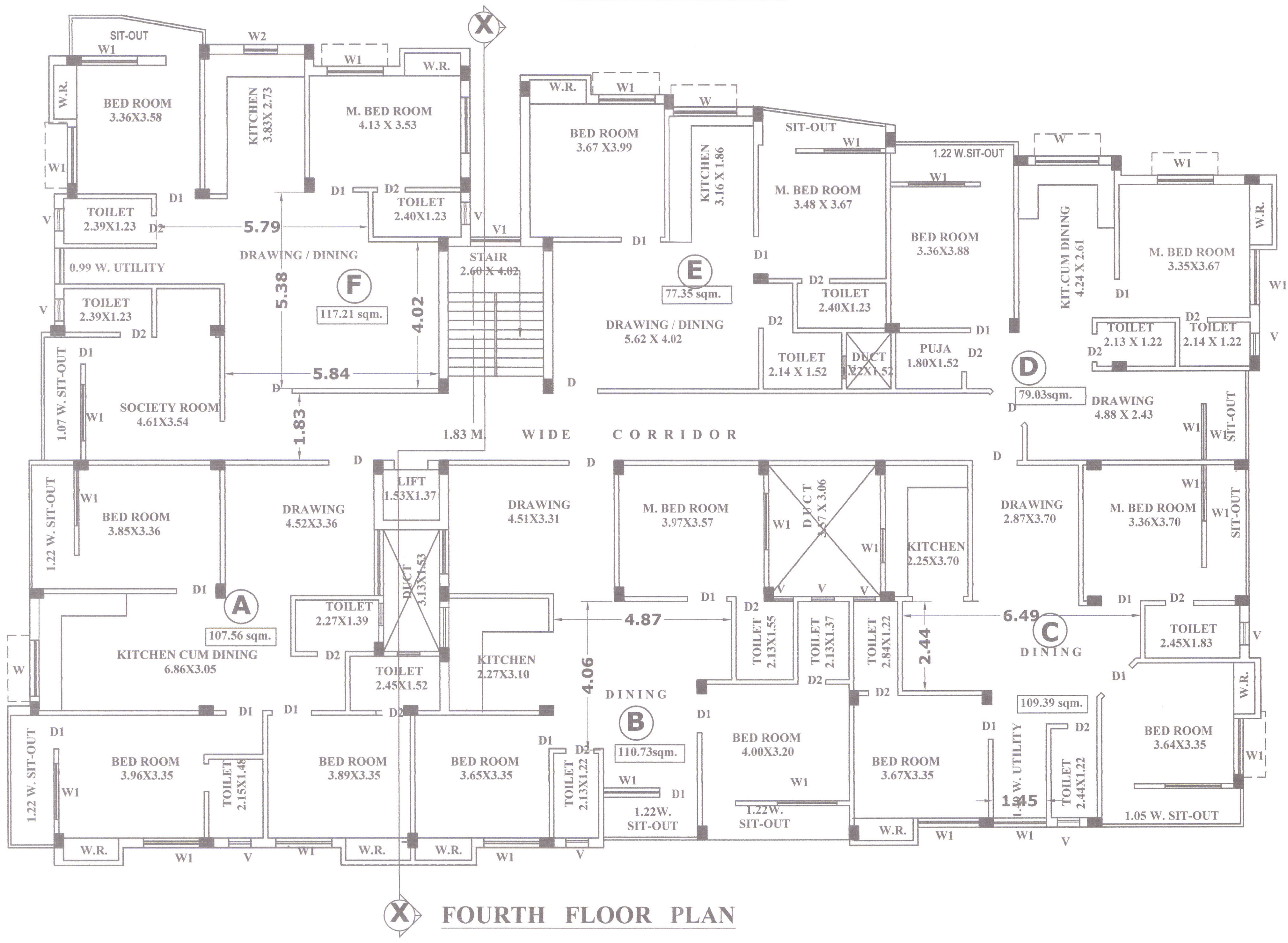
CONSULTANT-
MM ENGINEERS & CONSULTANTS
SUMITRA PLAZA, 2nd FLOOR,
BADAMBADI CUTTACK. PHONE NO-0671-2321770


3.00
3.00
3.00
3.00
2.40
12.00

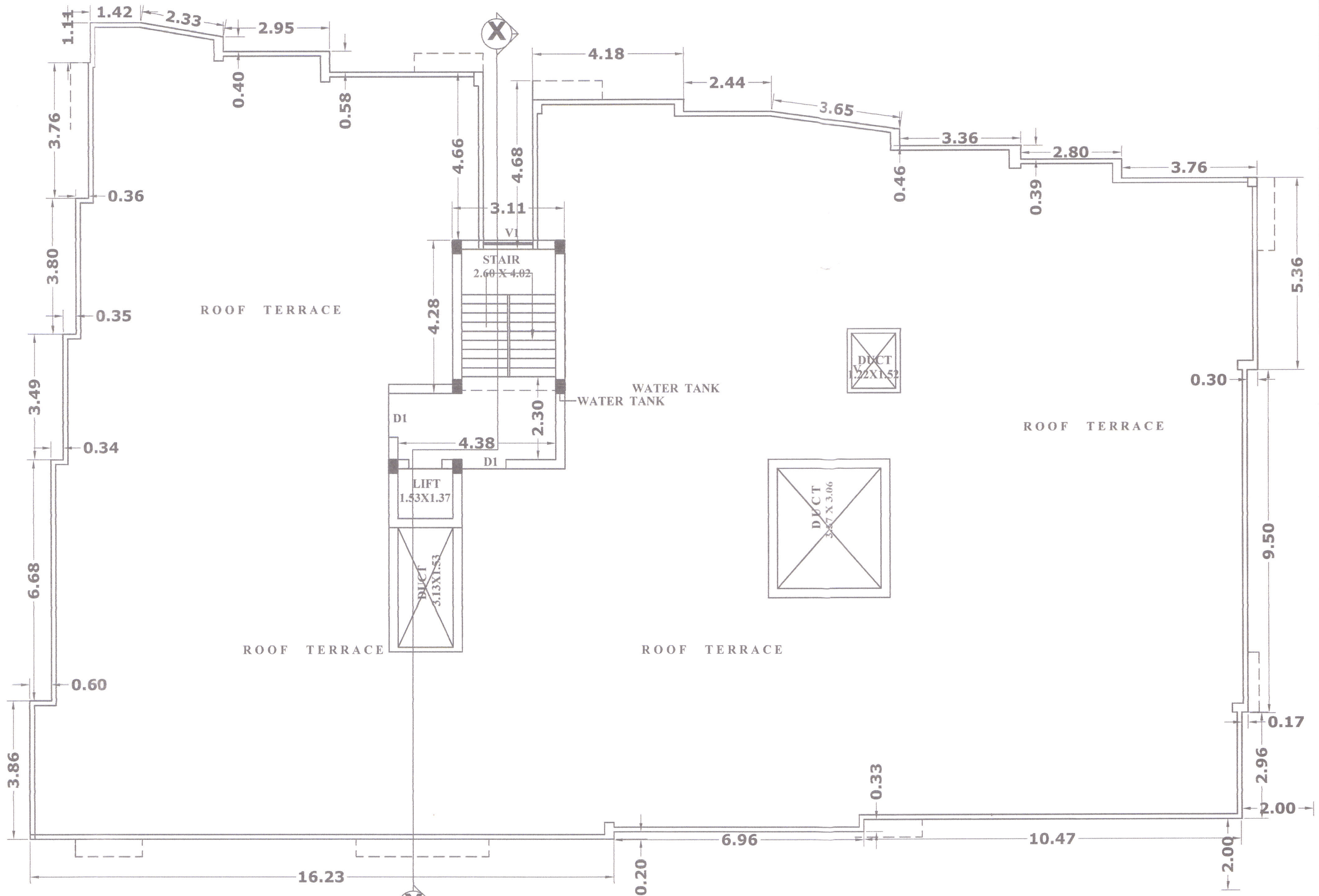
LEFT SIDE ELEVATION


3.00
3.00
3.00
3.00
2.40
12.00

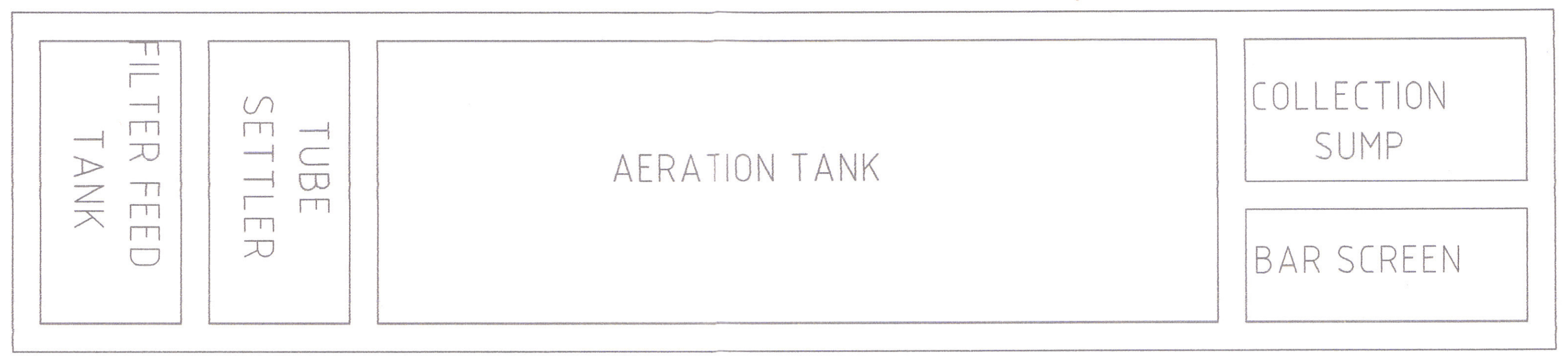
REAR ELEVATION


BED ROOM 3.36X3.58
KITCHEN 3.83X2.73
M. BED ROOM 4.13 X 3.53
TOILET 2.39X1.23
TOILET 2.40X1.23
DRAWING / DINING
F
117.21 sqm.
STAIR 2.60 X 4.02
0.99 W. UTILITY
SOCIETY ROOM 4.61X3.54
BED ROOM 3.67 X3.99
KITCHEN 3.16 X 1.86
M. BED ROOM 3.48 X 3.67
SIT-OUT
1.22 W.SIT-OUT
BED ROOM 3.36X3.88
E
77.35 sqm.
DRAWING / DINING 5.62 X 4.02
TOILET 2.40X1.23
TOILET 2.14 X 1.52
PUJA 1.80X1.52
KIT.CUM DINING 4.24 X 2.61
M. BED ROOM 3.35X3.67
TOILET 2.13 X 1.22
TOILET 2.14 X 1.22
D
79.03sqm.
DRAWING 4.88 X 2.43
WIDE CORRIDOR
1.83 M
LIFT 1.53X1.37
BED ROOM 3.85X3.36
DRAWING 4.52X3.36
DRAWING 4.51X3.31
M. BED ROOM 3.57X3.57
KITCHEN 2.25X3.70
DRAWING 2.87X3.70
M. BED ROOM 3.36X3.70
A
107.56 sqm.
TOILET 2.27X1.39
KITCHEN CUM DINING 6.86X3.05
TOILET 2.45X1.52
KITCHEN 2.27X3.10
DINING
B
110.73sqm.
C
DINING
109.39 sqm.
TOILET 2.45X1.83
BED ROOM 3.96X3.35
BED ROOM 3.89X3.35
BED ROOM 3.65X3.35
BED ROOM 4.00X3.20
BED ROOM 3.67X3.35
BED ROOM 3.64X3.35
W. UTILITY
1.22W. SIT-OUT
1.05 W. SIT-OUT
5.79
5.38
4.02
5.84
1.83
4.87
4.06
6.49
2.44
X

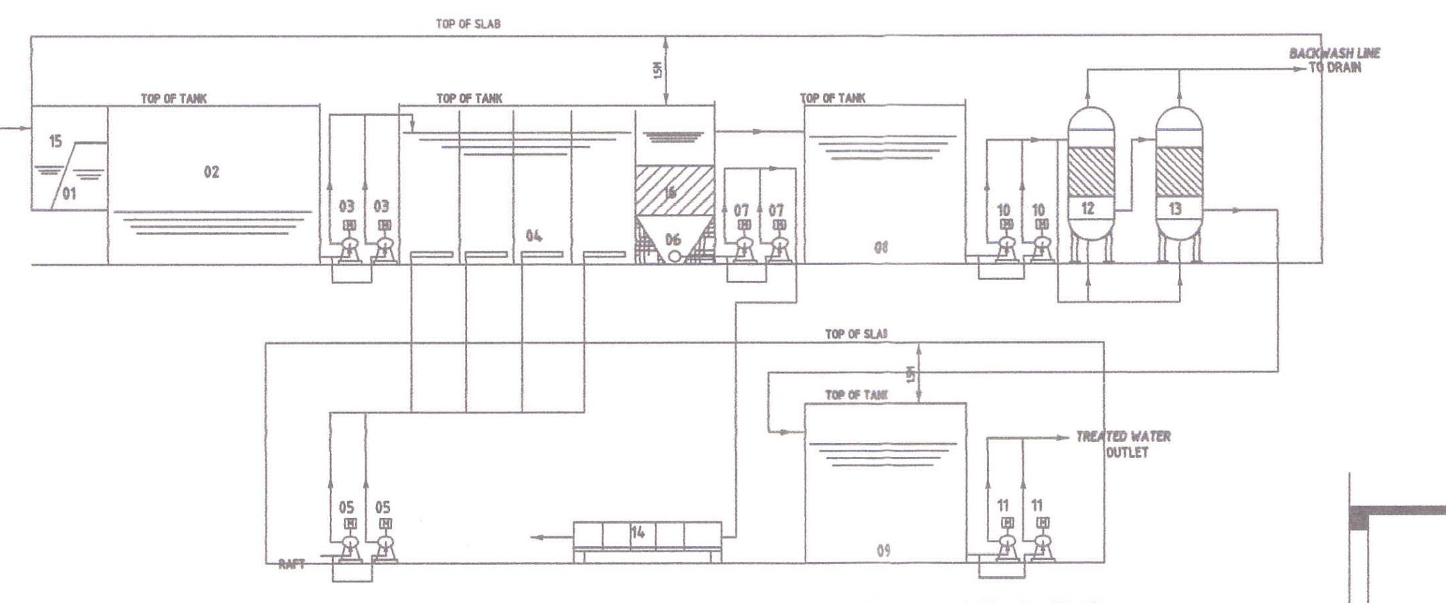
FOURTH FLOOR PLAN


1.42
2.33
2.95
4.18
2.44
3.65
3.36
2.80
3.76
1.14
0.40
0.58
4.66
4.68
3.11
0.46
0.39
3.76
0.36
3.80
0.35
4.28
STAIR 2.60 X 4.02
WATER TANK
ROOF TERRACE
DUCT
2.30
4.38
LIFT 1.53X1.37
3.49
0.34
5.36
0.30
6.68
9.50
0.60
0.17
3.86
2.96
2.00
0.33
6.96
10.47
16.23
0.20
2.00
X

TERRACE FLOOR PLAN

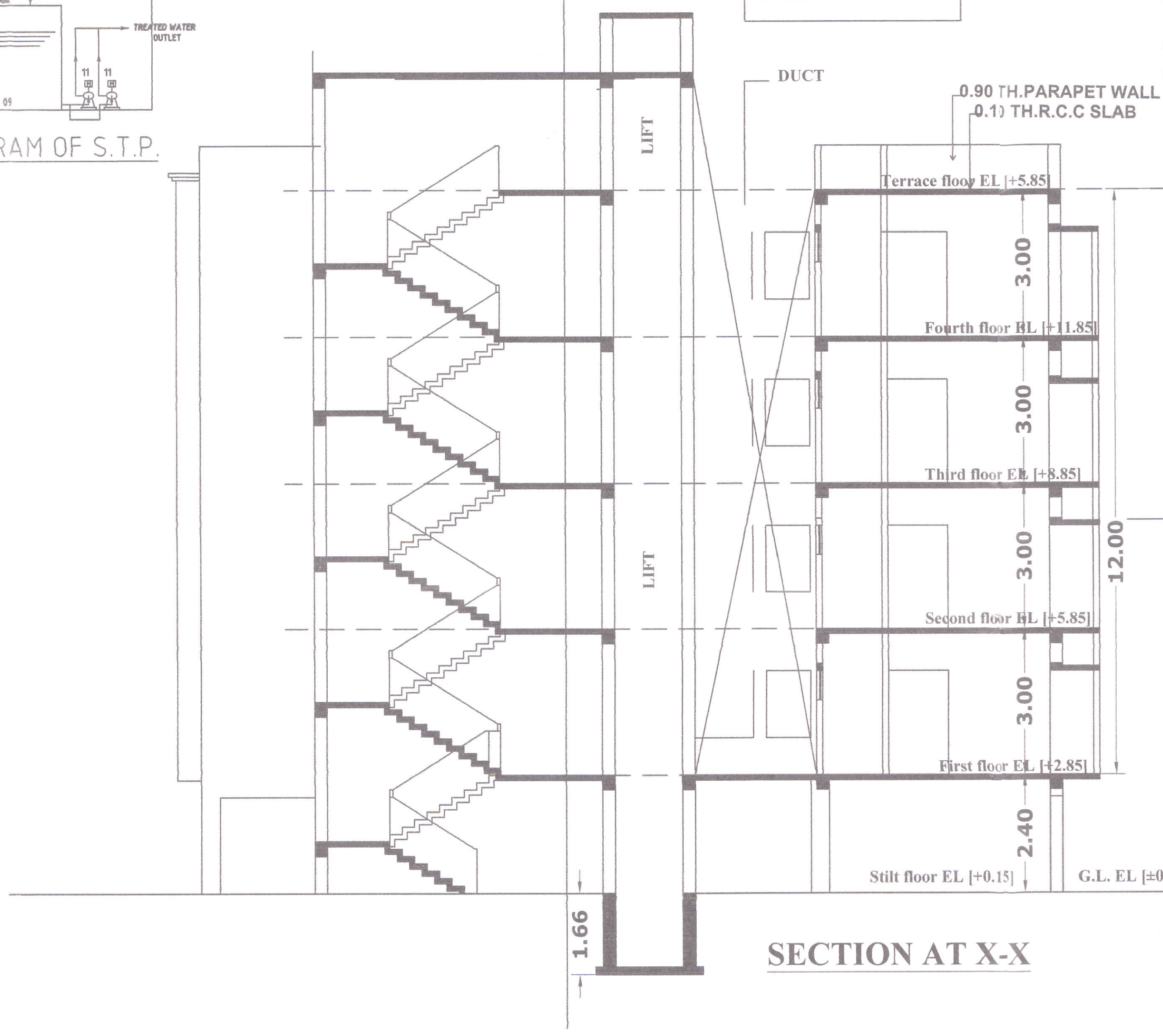

FILTER FEED TANK
TUBE SETTLER
AERATION TANK
COLLECTION SUMP
BAR SCREEN

UG RCC TANK FOR STP

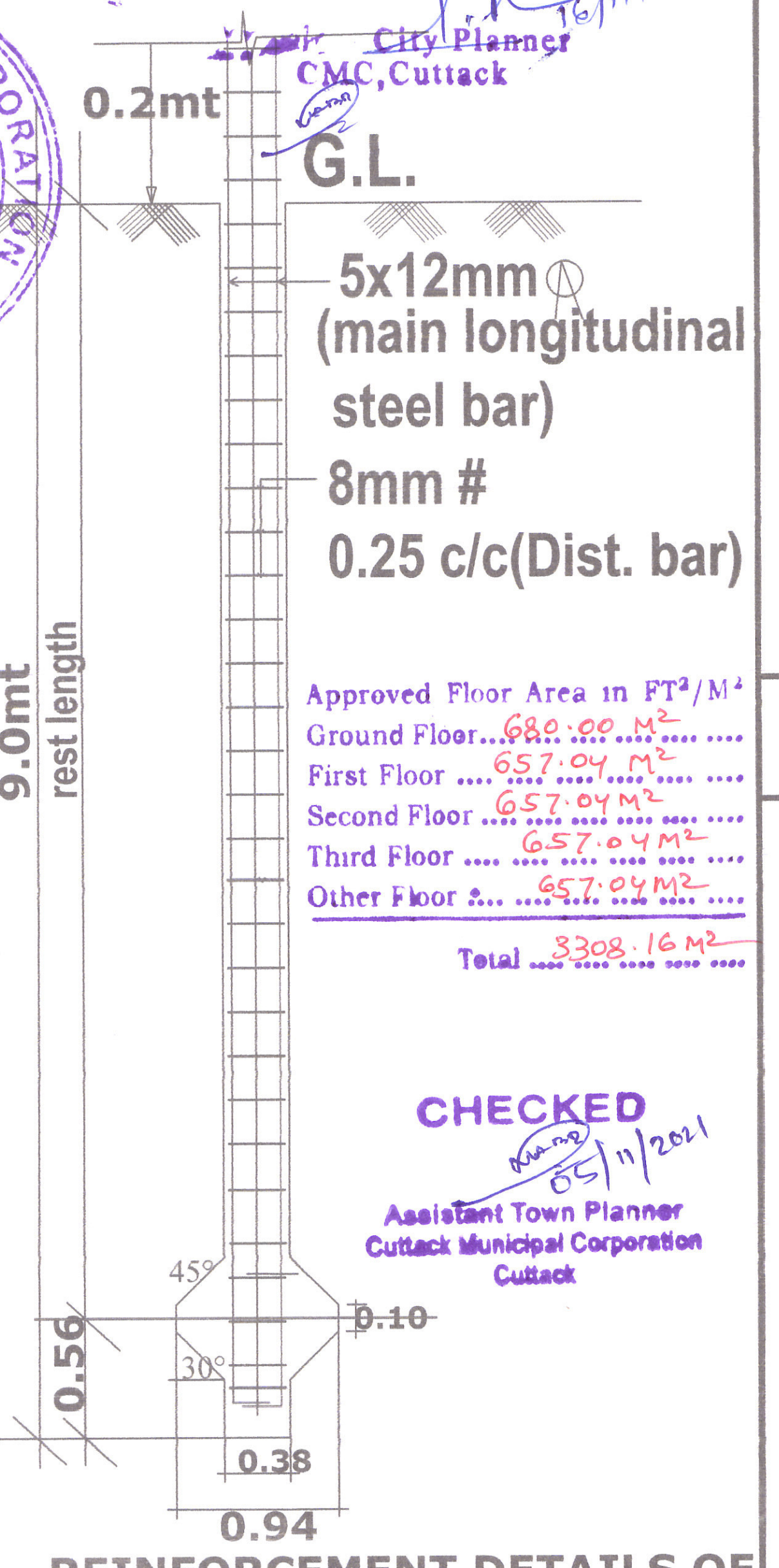


TYPICAL SCHEMATIC FLOW DIAGRAM OF S.T.P.

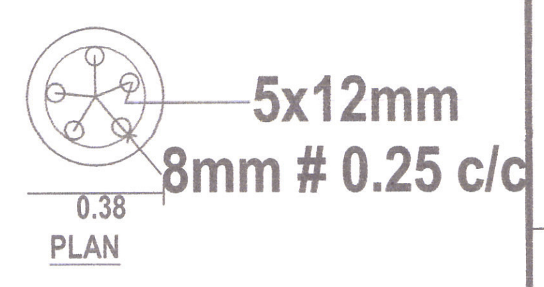
LEGEND :-
- 01 BAR SCREEN CHAMBER
- 02 COLLECTION SUMP
- 03 TRANSFER PUMP
- 04 AERATION TANK
- 05 AIR BLOWER
- 06 TUBE SETTLER
- 07 SLUDGE PUMP
- 08 FILTER FEED TANK
- 09 TREATED WATER TANK
- 10 FILTER FEED PUMP
- 11 TREATED WATER PUMP
- 12 PRESSURE SAND FILTER
- 13 ACTIVATED CARBON FILTER
- 14 FILTER PRESS
- 15 BAR SCREEN
- 16 TUBE PACK


DUCT
0.90 TH.PARAPET WALL
0.1) TH.R.C.C SLAB
Terrace floor EL [+5.85]
Fourth floor BL [+11.85]
Third floor EL [+8.85]
Second floor HL [+5.85]
First floor EL [+2.85]
Stilt floor EL [+0.15]
G.L. EL [±0.00]
LIFT
LIFT
3.00
3.00
3.00
3.00
2.40
12.00
1.66

SECTION AT X-X


0.2mt
G.L.
5x12mm
(main longitudinal
steel bar)
8mm #
0.25 c/c(Dist. bar)
9.0mt
rest length
0.56
45°
30°
0.10
0.38
0.94

REINFORCEMENT DETAILS OF 380MM BORED PILE


5x12mm
8mm # 0.25 c/c
0.38
PLAN

DETAILS OF 0.38 PILE

B P No. 124/2020
CODE No T0300321

CUTTACK MUNICIPAL CORPORATION
Permission Granted for Residential
Under Section 16 (1) of the ODA act 1982,
Subject to Terms and Conditions of the Letter No
1619 ....date 16.11.2021 which is valid for three
years from the date of issue of the above said letter.
16/11/2021
City Planner
CMC, Cuttack

Approved Floor Area in FT²/M²
Ground Floor 680.00 M²
First Floor 657.04 M²
Second Floor 657.04 M²
Third Floor 657.04 M²
Other Floor 657.04 M²
Total 3308.16 M²

CHECKED
05/11/2021
Assistant Town Planner
Cuttack Municipal Corporation
Cuttack

NOTE:-
ALL DIMENSIONS ARE IN METER

SCHEDULE OF DOORS & WINDOWS

TYPE	SIZE	DESCRIPTION
D	1.20X2.10	PANELED SHUTTER
D1	0.90X2.10	PANELED SHUTTER
D2	0.76X2.10	PANELED SHUTTER
W	1.82X1.35	GLAZED WINDOW
W1	1.52X1.35	GLAZED WINDOW
W2	0.90X1.35	GLAZED WINDOW
V	0.60X0.60	FIXED LOUVER
V1	1.20X2.00	FIXED LOUVER

MATERIAL GRADE SPECIFICATIONS:

PERFORMANCE STANDARD

PERFORMANCE STRESS		fc. N BENDEING	fc. N CONPRESSION
MATERIALS		N /Sqmm.	N / Sqmm.
CEMENT CONCRETE M10 (1:3:6)		3	2.5
CEMENT CONCRETE M15 (1:2:4)		5	4
CEMENT CONCRETE M20(1:1½:3)		7	3
RENFORCEMENT	Fe-415	180	

REFERENCE TO CODES OF BIS

CEMENT	PSC	IS 455-1989
	OPC	IS 200-1989 ,8112-1989,12263-1987
	PPC	IS 1489-1981
AGGREGATE	FA	IS 383 - 1982, 2116-1983,1542-1977
	CA	IS 383 -1982
CONCRETE	PCC	IS 456-2000
	RCC	IS 456-2000

SPECIFICATION

(1) CEMENT CONCRETE M20 (1:1½:3) WITH HARD GRANITE CRUSHER BROKEN WELL GRADED COARSE AGGREGATE OF 12 MM NOMINAL SIZE.
(2)R.C.C. M20 (1:1.5:3) WITH HARD GRANITE CRUSHER BROKEN WELL GRADED COARSE AGGREGATE OF 12 MM NOMINAL SIZE.
(3)CEMENT CONCRETE M20 (1:1½:3) WITH HARD GRANITE CRUSHER BROKEN WELL GRADED COARSE AGGREGATE OF 40 MM NOMINAL SIZE.
(4)DRY RUBBLE PACKING WITH HARD GRANITE STONES OF NOT LESS THAN 0.30m SIZE INANY DIRECTION CONFORMING TO RELEVANT CODES OF BIS.

TITLE OF THE PROJECT.

PROPOSED STILT + FOUR STORIED RESIDENTIAL(MIG)
BUILDING OF MRS MENAKA BEHERA ,
OVER PLOT NO-(Mutation plot no.)84 , $\frac{84}{3454}$, 85 & $\frac{85}{3455}$
KHATA NO-257,$\frac{375}{493}$,827 ,(Settlement plot no.) 84,85
KHATA NO-257 ,827 ,MOUZA-NORTH TULASIPUR,UNIT-7
THANA-BIDANASI , DIST-CUTTACK.

POWER OF ATTORNEY HOLDER :-

MM ENGINEERS & CONSULTANTS

REPRESENT BY :- MR,UPENDRA NATH SUTAR

DRAWING TITLE :-
FOURTH FLOOR, TERRACE FLOOR,REAR ELEV., LEFT SIDE ELEV.SEC. X-X & OTHERS DETAILS

SCALE : 1:100 OR AS NOTED	DATE - 02.04.2020	SHEET NO. - 2

Upendra Nath Sutar

SIGN OF APPLICANT .

Er. Pritiranjan Maharana
Empanelled Civil Engineer
Regd. No.-RTP/DTP/ER-006/2017

SIGN. OF TECH PERSON .
Er. PRITI RANJAN MAHARANA
RTP/DTP(C.ER)-006/2017
RTP/DTP (ST.ER)-007/2017

CONSULTANT-

MM ENGINEERS & CONSULTANTS
SUMITRA PLAZA, 2nd FLOOR,
BADAMBADI CUTTACK. PHONE NO-0671-2321770