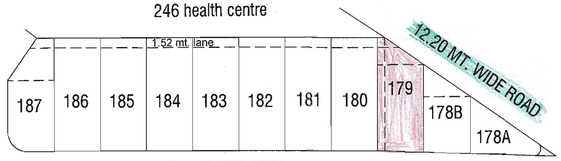
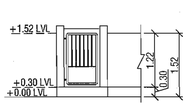
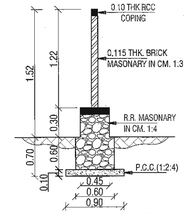
REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 179, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.



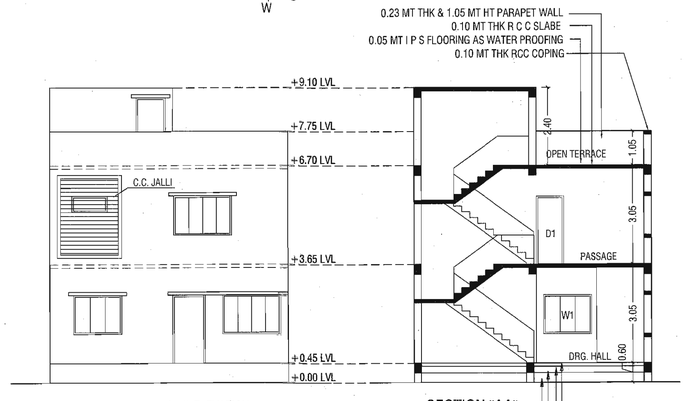
KEY PLAN
SCALE :- N.T.S



TYP.COMPOUND WALL ELEVATION
(SCALE = 1:100)

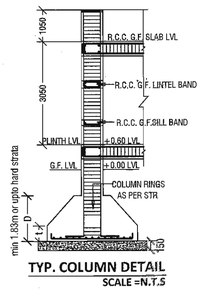


FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



WEST SIDE (FRONT) ELEVATION
SCALE = 1:100

SECTION "AA"
(SCALE =1:100)



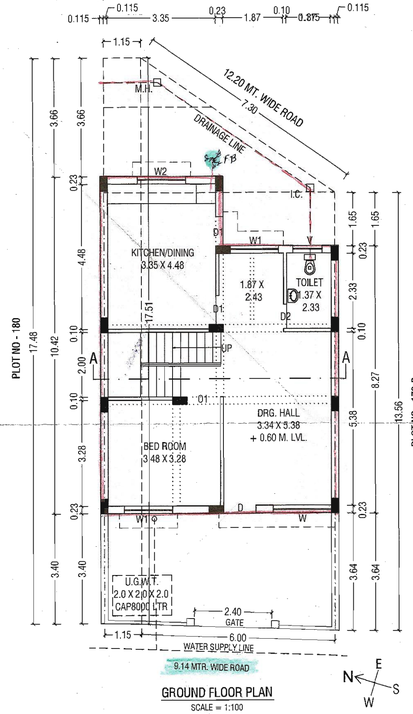
TYP. COLUMN DETAIL
SCALE =N.T.S

LIGHT & VENTILATION CALCULATION SHEET

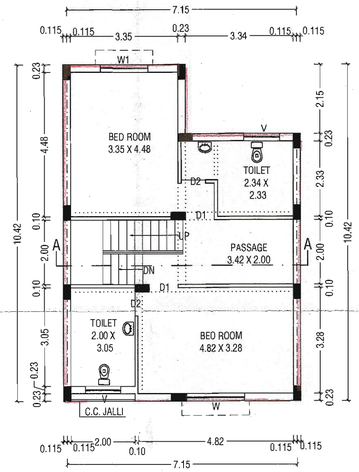
G.F.	*Drg. Hall				
	(A) - Carpet Area	1	3.340	5.380	17.969
		1	1.870	2.430	4.544
					22.513
	(B) - Light & Ventilaton Required	0.1	3.340	5.380	1.797
		0.1	1.870	2.430	0.454
					2.251
	(C) - Light & Ventilaton Provided - Window - W	1	1.830	1.200	2.196
	Window - W1	1	1.500	1.200	1.800
					3.996
	*Kichen/Dining				
	(A) - Carpet Area	1	3.350	4.480	15.008
	(B) - Light & Ventilaton Required	0.1	3.350	4.480	1.501
	(C) - Light & Ventilaton Provided - Window - W2	1	1.830	0.900	1.647
	*Bed room				
	(A) - Carpet Area	1	3.480	3.280	11.414
	(B) - Light & Ventilaton Required	0.1	3.480	3.280	1.141
	(C) - Light & Ventilaton Provided - Window - W1	1	1.520	1.200	1.824
	*Toilet				
	(A) - Carpet Area	1	1.370	2.330	3.192
	(B) - Light & Ventilaton Required	0.1	1.370	2.330	0.319
	(C) - Light & Ventilaton Provided - Venti. - V1	1	0.750	0.500	0.375

LIGHT & VENTILATION CALCULATION SHEET

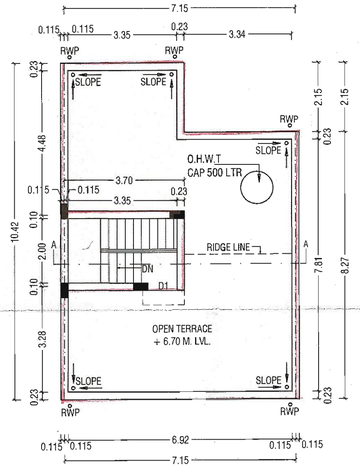
F.F.	*Bed room				
	(A) - Carpet Area	1	4.820	3.280	15.810
	(B) - Light & Ventilaton Required	0.1	4.820	3.280	1.581
	(C) - Light & Ventilaton Provided - Window - W	1	1.830	1.200	2.196
	*Bed room				
	(A) - Carpet Area	1	3.350	4.480	15.008
	(B) - Light & Ventilaton Required	0.1	3.350	4.480	1.501
	(C) - Light & Ventilaton Provided - Window - W1	1	1.520	1.200	1.824
	*Toilet				
	(A) - Carpet Area	1	2.340	2.330	5.452
		1	1.130	1.200	1.356
					6.808
	(B) - Light & Ventilaton Required	0.1	2.340	2.330	0.545
		0.1	1.130	1.200	0.136
					0.681
	(C) - Light & Ventilaton Provided - Venti. - V	1	1.200	0.600	0.720
	*Toilet				
	(A) - Carpet Area	1	2.000	3.050	6.100
	(B) - Light & Ventilaton Required	0.1	2.000	3.050	0.610
	(C) - Light & Ventilaton Provided - Venti. - V	1	1.200	0.600	0.720



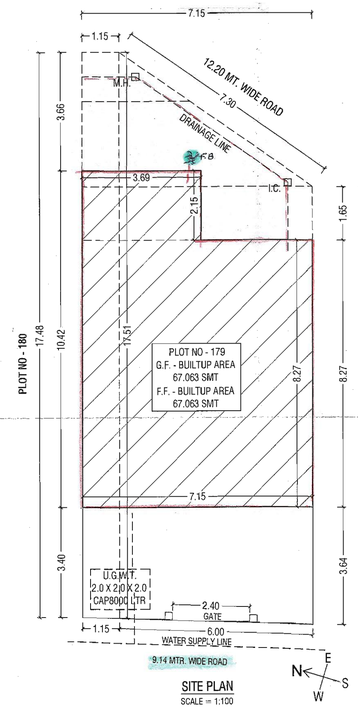
GROUND FLOOR PLAN
SCALE = 1:100



FIRST FLOOR PLAN
SCALE = 1:100

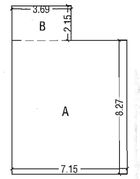


TERRACE PLAN
SCALE = 1:100



SITE PLAN
SCALE = 1:100

AREA CALCULATION ON G.F. & F.F.		
A	7.15 X 8.27	59.130 SQ.MT.
B	3.69 X 2.15	7.933 SQ.MT.
TOTAL BUILT UP AREA = 67.063 SQ.MT.		



AREA DIAGRAM OF G.F. & F.F.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :-
- EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:-
- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM:-
- AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM:-
-AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING:-
-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.

MASONRY:-
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F.

MASONRY:-
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :-
-PARAPET OF 230MM THICK
-COPING ON PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN
-WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

FINISHING :-

PLASTER
-IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
-OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TDP LAYER 6 MM THICK CEMENT PLASTER 1:6..

COLOUR
-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI
-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :-
-WINDOW DOORS FRAME & PANELED MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED
-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :-
-M.S GRILL IN WINDOW
-M.S GRILL DOOR IN VERANDAH

SERVISES :-

PLUMBING
-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :-
-CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :- - C.C. FLOORING

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		113.33 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)		135.996 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	59.17 %	67.063 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	59.17 %	67.063 SQ.MT.
5	F.S.I CONSUMED	1.183	134.126 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D	1.00 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	W	1.83 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
5	W1	1.52 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
6	W2	1.83 X 0.90	2.10	1.20	FULLY GLAZED WINDOW
7	V	1.20 X 0.60	2.10	-	GLAZED LOUVERED VENTILATOR
8	V1	0.75 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

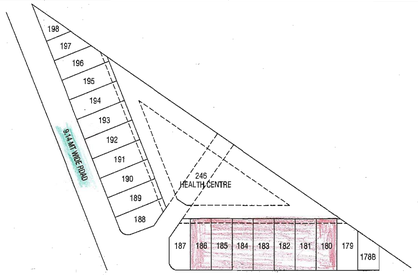
SITE SUPERVISOR.

SUNIL GUPTA (B. Tech.)
Site Supervisor
Reg. No. 21, Date: 10-10-01
No.: 9824214364
D-62, Shaktinnagar, GIM.

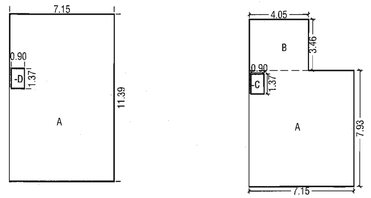
AUTHORITY

Permission No.: 48841/R
Date : 25-6-19
Secretary, C.D.A.

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 180 TO 186, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.



KEY PLAN
SCALE = NTS

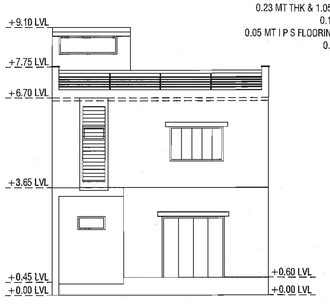


AREA DIAGRAM OF G.F.

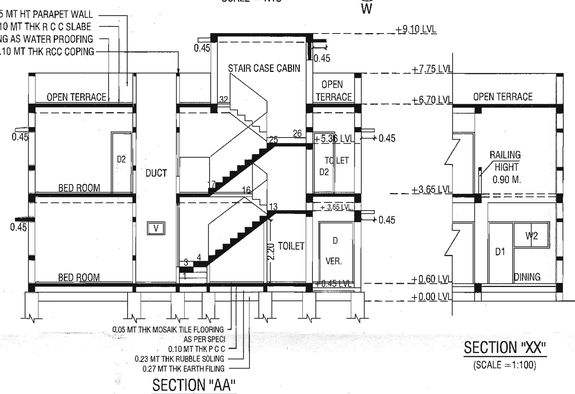
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

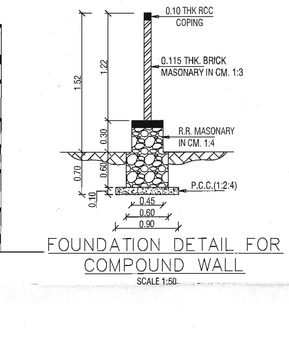
AREA CALCULATION ON F.F.		
A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.46	14.01 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.477 SQ.MT.		



WEST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)



FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50

SECTION "XX"
(SCALE =1:100)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :-
- EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:-
- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM:-
- AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM:-
-AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING:-
-FILLING IN PLINTH WITH G.S.B./OUARRY WASTE / MORMUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.

MASONRY:-
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F. MASONRY:-
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :-
-PARAPET OF 230MM THICK
-COPING ON PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN

FINISHING :-
-WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

PLASTER
-IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
-OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6.

COLOUR
-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI
-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :-
-WINDOW DOORS FRAME & PANELED MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED
-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :-
-M.S GRILL IN WINDOW
-M.S GRILL DOOR IN VERANDAH

SERVISES :-

PLUMBING
-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIREO
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :-
-CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

STAIR CASE :-
-S.S. RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :-
- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :-
- C.C. FLOORING

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA EACH	124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I) EACH	149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F EACH 64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F EACH 55.59 %	69.477 SQ.MT.
5	F.S.I CONSUMED EACH 1.197	149.682 SQ.MT.
6	ALLOWABLE FRONT SETBACK EACH	3.05 MTR.
7	ALLOWABLE REAR SETBACK EACH	1.52 MTR.
8	ALLOWABLE SIDE SETBACK EACH	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

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STRUCTURE ENGINEER.

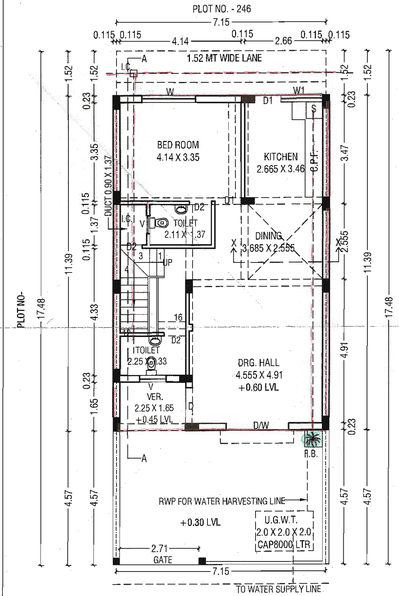
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

SITE SUPERVISOR.

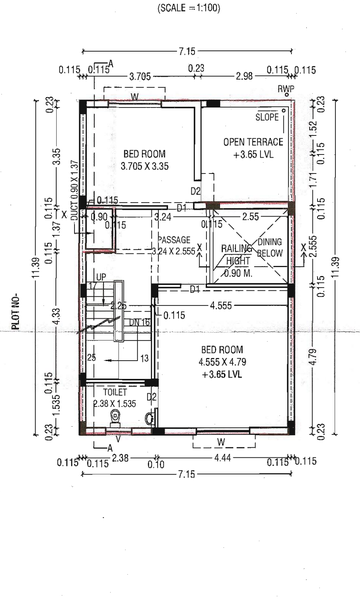
SUNIL GUPTA (B. Tech.)
F... Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

AUTHORITY

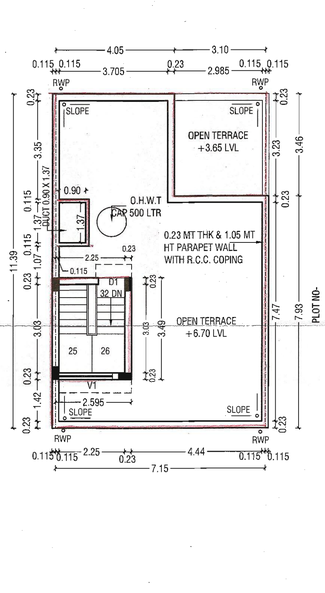
Permission No.: 48841/R
Date : 25-6-19
Secretary G.D.A.



TYPICAL GROUND FLOOR PLAN
SCALE = 1:100



TYPICAL FIRST FLOOR PLAN
SCALE = 1:100



TYPICAL TERRACE PLAN
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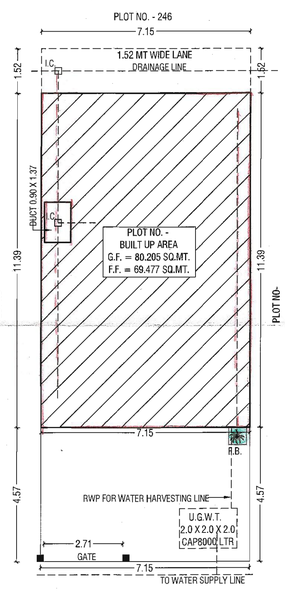

TYPICAL SITE PLAN
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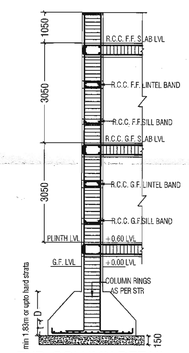
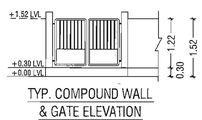
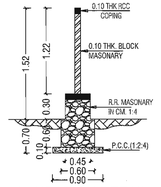


TYP. COLUMN DETAIL
(SCALE :- N.T.S.)

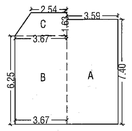


TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)



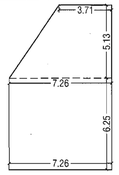
FOUNDATION DETAIL
FOR COMPOUND WALL
(SCALE :- N.T.S.)

AREA CALCULATION ON F.F.		
A	3.59 X 7.40	26.566 SQ.MT.
B	3.67 X 6.25	22.937 SQ.MT.
C	2.54+3.67/2 X 1.63	5.061 SQ.MT.
TOTAL BUILT UP AREA = 54.564 SQ.MT.		

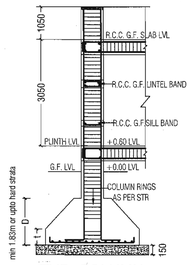


AREA DIAGRAM OF F.F.

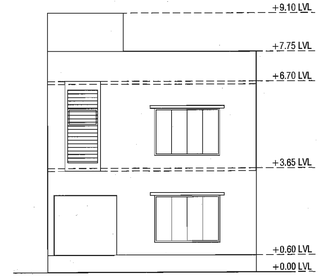
AREA CALCULATION ON G.F.		
A	7.26 X 6.25	45.375 SQ.MT.
B	7.26+3.71/2 X 5.13	28.138 SQ.MT.
TOTAL BUILT UP AREA = 73.513 SQ.MT.		



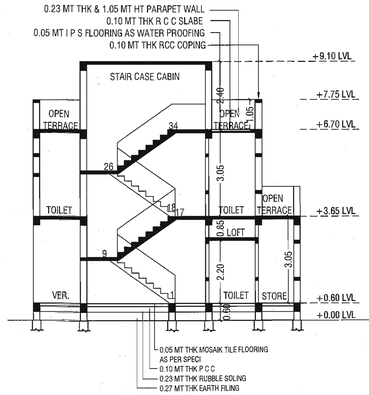
AREA DIAGRAM OF G.F.



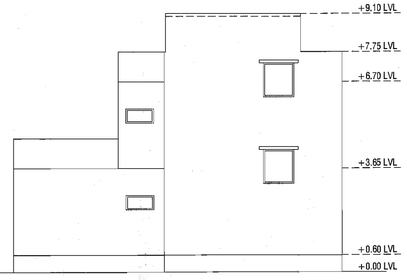
TYP. COLUMN
FOUNDATION DETAIL
(SCALE :- N.T.S.)



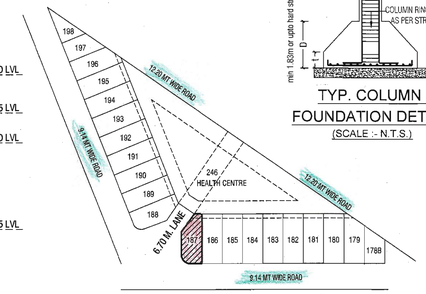
WEST SIDE (FRONT) ELEVATION
(SCALE =1:100)



SECTION "AA"
(SCALE =1:100)



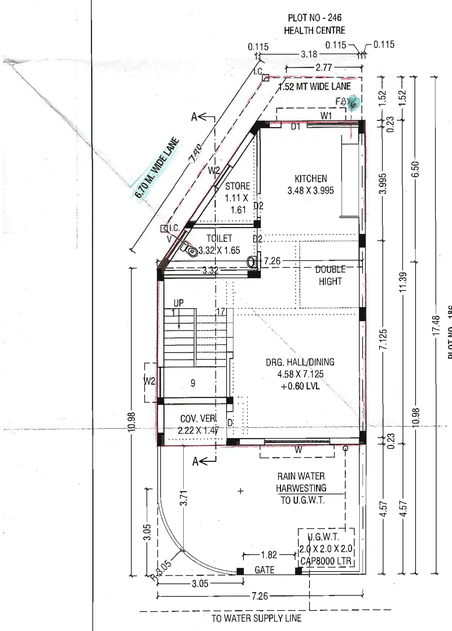
NORTH SIDE ELEVATION
(SCALE =1:100)



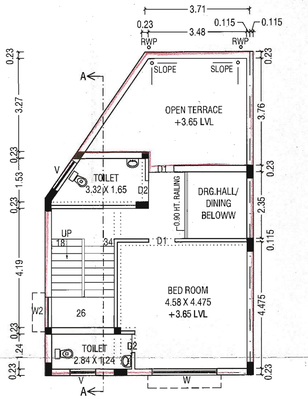
KEY PLAN
SCALE = NTS

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.58 X 7.125 = 32.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.58 X 7.125 X 0.10 = 3.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W= 2.30 X 1.50 = 3.45 SQ.MT.
KITCHEN CARPET AREA
3.48 X 3.995 = 13.90 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.48 X 3.995 X 0.10 = 1.39 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W1 = 1.80 X 0.90 = 1.62 SQ.MT.
TOILET CARPET AREA
3.32 X 1.65 = 5.478 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.32 X 1.65 X 0.10 = 0.547 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 1.20 X 0.50 = 0.60 SQ.MT.
STORE CARPET AREA
1.11 X 1.61 = 1.78 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
1.11 X 1.61 X 0.10 = 0.178 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 0.90 X 1.20 = 1.08 SQ.MT.

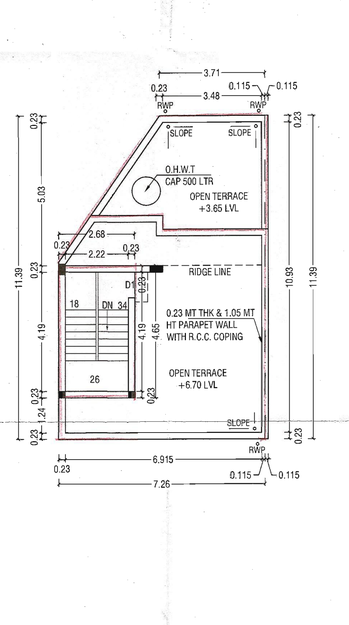
DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.58 X 4.475 = 20.495 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.58 X 4.475 X 0.10 = 2.049 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W= 2.30 X 1.50 = 3.45 SQ.MT.
TOILET CARPET AREA
2.84 X 1.24 = 3.52 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.84 X 1.24 X 0.10 = 0.352 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V1 = 0.90 X 0.50 = 0.45 SQ.MT.
TOILET CARPET AREA
3.32 X 1.65 = 5.478 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.32 X 1.65 X 0.10 =0.547 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 1.20 X 0.50 = 0.60 SQ.MT.



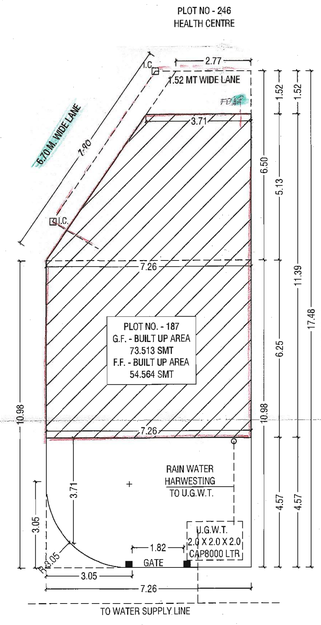
GROUND FLOOR PLAN
(SCALE =1:100)



FIRST FLOOR PLAN
(SCALE =1:100)



TERRACE PLAN
(SCALE =1:100)



SITE PLAN
(SCALE =1:100)

SPECIFICATIONS

BUILDING SPECIFICATION FOR R.C.C. FRAME STRUCTURE

SUB STRUCTURE

FOUNDATION :- - EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THIK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:- - UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM:- - AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM:- -AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING:- -FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.

MASONRY:- -SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F.

MASONRY:- -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :- -PARAPET OF 230MM THICK
-COPING ON PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN
-WATER PROOFING WITH CHINA MDSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

FINISHING :-

PLASTER -IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.

-OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..

COLOUR -IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI

-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :- -WINDOW DOORS FRAME & PANELED MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED
-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :- -M.S GRILL IN WINDOW
-M.S GRILL DOOR IN VERANDAH

SERVISES :-

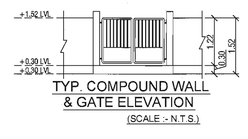
PLUMBING -UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :- -CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :- - C.C. FLOORING



TYP. COMPOUND WALL
& GATE ELEVATION
(SCALE :- N.T.S.)

SHEET NO - 4 / 20

PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 187, R.S.NO-548/PAIKY 1, AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		110.31 SQ.MT.
2	PERMISSIBLE F.S.I. 1.20		132.372 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	66.64 %	73.513 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	49.46 %	54.564 SQ.MT.
5	F.S.I. CONSUMED	1.161	128.077 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188 MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17 NOS.

COLOURE NOTE

- PLOT BOUNDRY SHOWN IN BLACK
- PROPOSED COVERED AREA SHOWN IN RED
- DRAINAGE LINE SHOWN IN RED DOTTED
- WATER SUPPLY LINE SHOWN IN BLACK DOTTED
- EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D	1.00 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	W	2.30 X 1.50	2.10	0.60	FULLY GLAZED WINDOW
5	W1	1.80 X 0.90	2.10	1.20	FULLY GLAZED WINDOW
6	W2	0.90 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
7	V	1.20 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR

NOTE

MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt

STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V CERTIFICATE

Existing structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and is Verified by me. Certified that the plot under reference was surveyed by me on 14-02-2019and the dimensions of sides etc of plot state on plan area as measure on side and the area so worked outtallies with the area stated in document of Ownership/ Architect/ Engineer Signature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER

SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 13, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

SITE SUPERVISOR

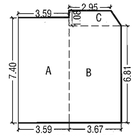
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

AUTHORITY

Permission No.: 4884 1/R
Date : 25-6-19
Secretary C.D.A.

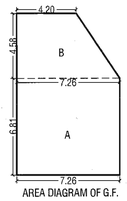
PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 188, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA CALCULATION ON G.F. & F.F.		
A	3.59 X 7.40	26.566 SQ.MT.
B	3.67 X 6.81	24.99 SQ.MT.
C	2.95+3.67 /2 X 1.08	3.574 SQ.MT.
TOTAL BUILT UP AREA = 55.13 SQ.MT.		



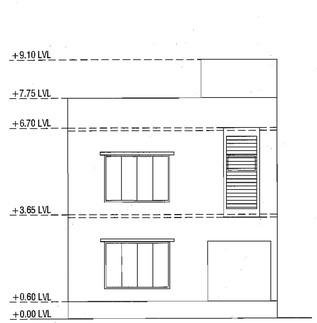
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F. & F.F.		
A	7.26 X 6.81	49.44 SQ.MT.
B	7.26+4.20/2 X 4.58	26.243 SQ.MT.
TOTAL BUILT UP AREA = 75.683 SQ.MT.		

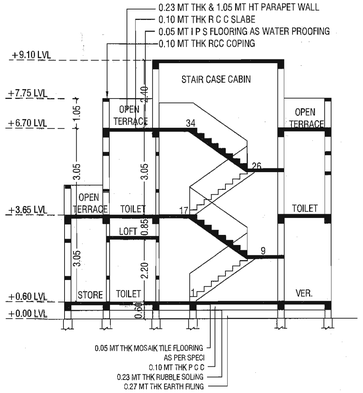


AREA DIAGRAM OF G.F.

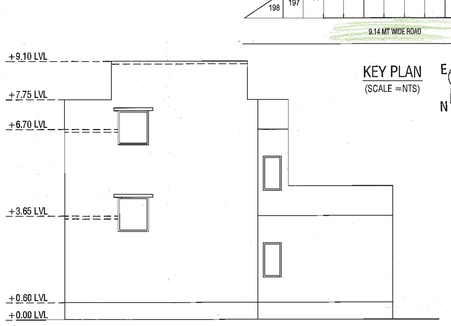
KEY PLAN
(SCALE =NTS)



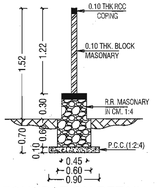
NORTH WEST SIDE (FRONT) ELEVATION
(SCALE =1:100)



SECTION "AA"
(SCALE =1:100)



SOUTH WEST SIDE ELEVATION
(SCALE =1:100)



FOUNDATION DETAIL
FOR COMPOUND WALL
(SCALE :- N.T.S.)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.58 X 6.94 = 31.785 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
4.58 X 6.94 X 0.10 = 3.178 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
W= 2.30 X 1.50 = 3.45 SQ.MT.
KITCHEN CARPET AREA
3.48 X 3.99 = 13.885 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
3.48 X 3.99 X 0.10 = 1.388 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
W1 = 1.60 X 0.90 = 1.62 SQ.MT.
TOILET CARPET AREA
3.32 X 1.65 = 5.478 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
3.32 X 1.65 X 0.10 = 0.547 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
V = 0.77 X 0.90 = 0.693 SQ.MT.
STORE CARPET AREA
1.50 X 1.61 = 2.415 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
1.50 X 1.61 X 0.10 = 0.241 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
W2 =1.20 X 1.20 = 1.08 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.58 X 4.47 = 20.47 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
4.58 X 4.47 X 0.10 = 2.047 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
W= 2.30 X 1.50 = 3.45 SQ.MT.
TOILET CARPET AREA
2.84 X 1.24 = 3.52 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
2.84 X 1.24 X 0.10 = 0.352 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
V1 = 0.90 X 0.50 = 0.45 SQ.MT.
TOILET CARPET AREA
3.32 X 1.65 = 5.478 SQ.MT.
✶ LIGHT VENTILATION REQUIRED 10%
3.32 X 1.65 X 0.10 =0.547 SQ.MT.
✶ LIGHT VENTILATION PROVIDED WINDOW
V =1.20 X 0.50 = 0.60 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION FOR R.C.C. FRAME STRUCTURE

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM.-	-AT PLINTH LEVEL AS PER STR. DRG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
	MASONRY:-	-SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. MASONRY:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 :5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	FINISHING :-	
	PLASTER -IN SIDE :-	PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
	-OUT SIDE :-	18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..
	COLOUR -IN SIDE :-	PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI
	-OUT SIDE :-	APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED -PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :-	
	PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT-5 AMP./15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188 MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17 NOS.

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		112.39 SQ.MT.
2	PERMISSIBLE F.S.I. 1.20		134.868 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	67.34 %	75.683 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	49.05 %	55.13 SQ.MT.
5	F.S.I. CONSUMED	1.164	130.813 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
	ALLOWABLE REAR SETBACK		1.52 MTR.
	ALLOWABLE SIDE SETBACK		N.A.

COLOURE NOTE

PLOT BOUNDRY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D	1.00 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	W	2.30 X 1.50	2.10	0.60	FULLY GLAZED WINDOW
5	W1	1.80 X 0.90	2.10	1.20	FULLY GLAZED WINDOW
6	W2	1.20 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	0.77 X 0.90	2.10	1.20	GLAZED LOUVERED VENTILATOR

NOTE

MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt

STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V CERTIFICATE

Existing structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and is Verified by me. Certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measurs on side and the area so worked outtallies with the area stated in document of Ownership/ Architect/ Engineer Signature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR RAJVI ESTATE LLP

ENGINEER

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER

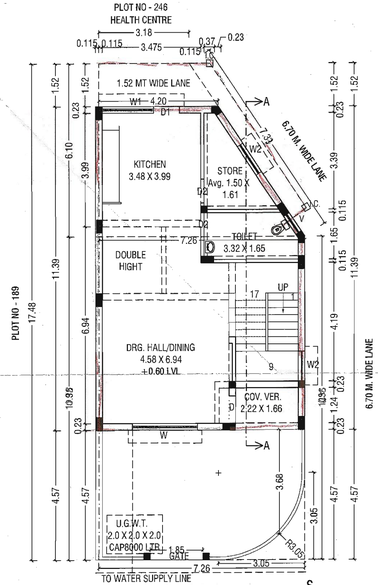
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
B-62, Shaktinnagar, GIM

SITE SUPERVISOR

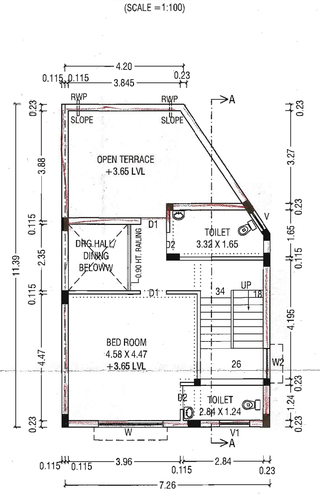
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
B-62, Shaktinnagar, GIM.

AUTHORITY

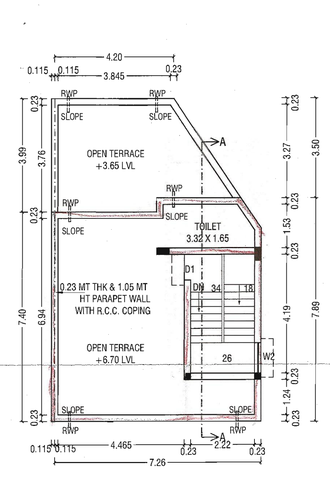
Permission No.: 48841/R
Date : 25-6-19
Secretary, G.D.A.



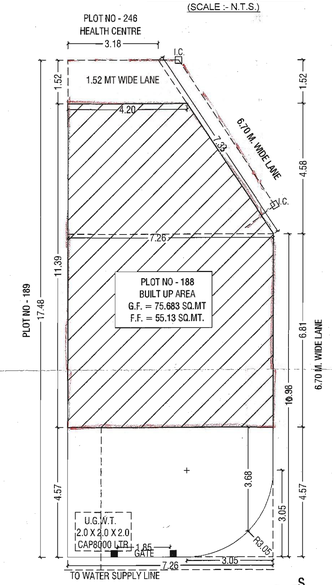
GROUND FLOOR PLAN
(SCALE =1:100)



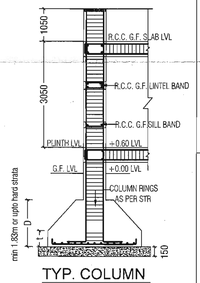
FIRST FLOOR PLAN
(SCALE =1:100)



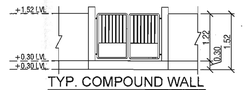
TERRACE PLAN
(SCALE =1:100)



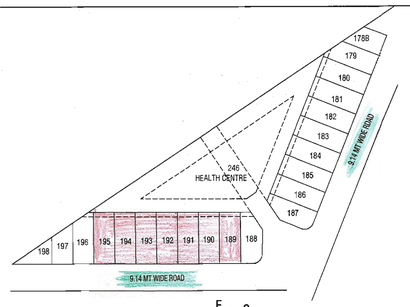
SITE PLAN
(SCALE =1:100)



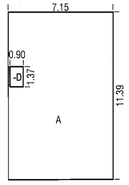
TYP. COLUMN
FOUNDATION DETAIL
(SCALE :- N.T.S.)



TYP. COMPOUND WALL
& GATE ELEVATION
(SCALE :- N.T.S.)

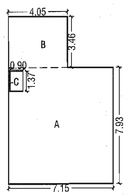


KEY PLAN
SCALE = NTS



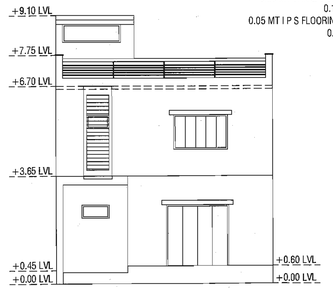
AREA DIAGRAM OF G.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

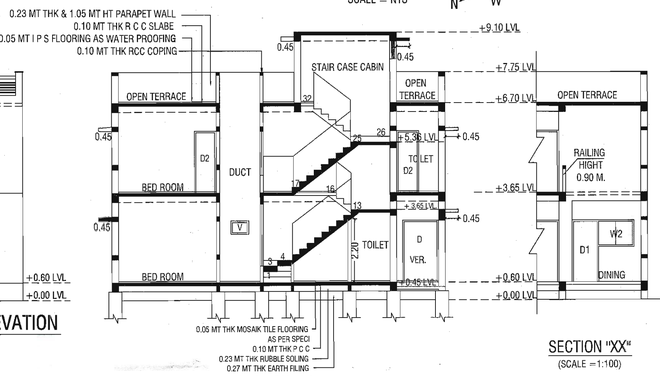


AREA DIAGRAM OF F.F.

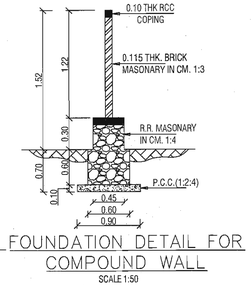
AREA CALCULATION ON F.F.		
A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.46	14.01 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.477 SQ.MT.		



NORTH-WEST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)



FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50

SECTION "XX"
(SCALE =1:100)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :- - EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:- - UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM:- - AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM:- -AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING:- -FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.

MASONRY:- - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F.

MASONRY:- -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :- -PARAPET OF 230MM THICK
-COPING DN PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN

FINISHING :- -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

PLASTER -IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.

-DUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..

COLOUR -IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI

-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :- -WINDOW DDORS FRAME & PANELEO MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED

-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINIUM / WOODEN WINDOW

MS GRILL :- -M.S GRILL IN WINDOW
-M.S GRILL DOOR IN VERANDAH

SERVISES :-

PLUMBING -UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIRICATION :- -CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

COMPDUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :- - C.C. FLOORING

SHEET NO - 6 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 189 TO 195, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA EACH	124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I) EACH	149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F EACH 64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F EACH 55.59 %	69.477 SQ.MT.
5	F.S.I CONSUMED EACH 1.197	149.682 SQ.MT.
6	ALLOWABLE FRONT SETBACK EACH	3.05 MTR.
7	ALLOWABLE REAR SETBACK EACH	1.52 MTR.
8	ALLOWABLE SIDE SETBACK EACH	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK
PROPOSED COVERED AREA SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
WATER SUPPLY LINE SHOWN IN BLACK DOTTED
EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10	-	GLAZED LOUVERED VENTILATOR
9					

NOTE

* MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
* STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

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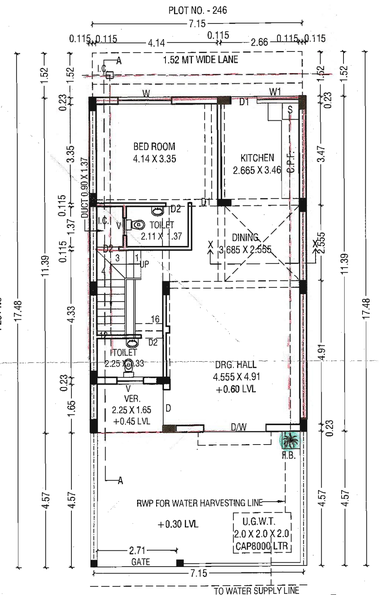
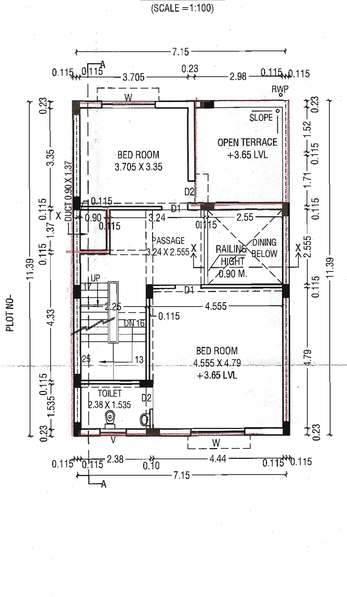
AUTHORITY

Permission No.: 4884 1/R
Date : 25-6-19
Secretary G.D.A.



TYPICAL GROUND FLOOR PLAN
SCALE = 1:100



TYPICAL FIRST FLOOR PLAN
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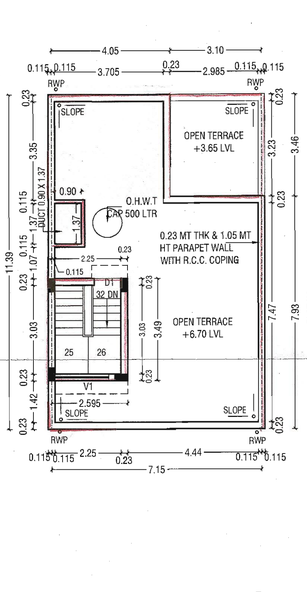

TYPICAL TERRACE PLAN
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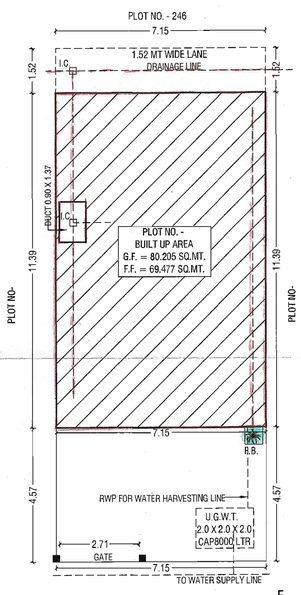

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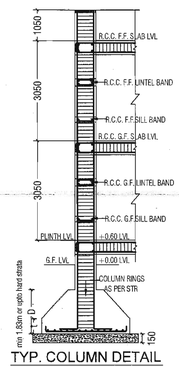
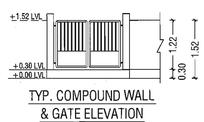
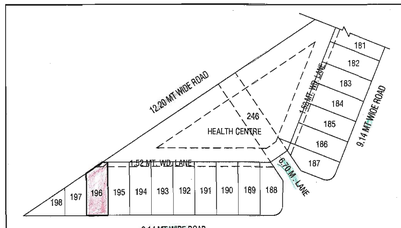


TYP. COLUMN DETAIL
(SCALE :- N.T.S.)

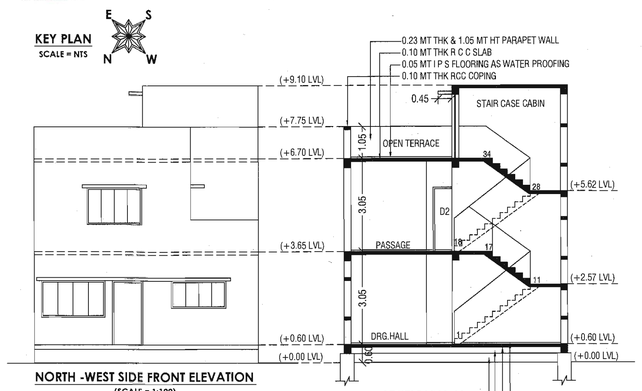


TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING, ON PLOT NO. - 196, AMALGAMATED SURVEY NO-548 PAIKY 1, (550/1,550/2,549/P-1,548/P-1), AT VILL. VARSAMEDI TAL. ANJAR (KUTCH)

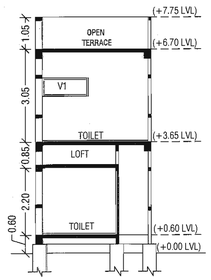


KEY PLAN
SCALE = NTS

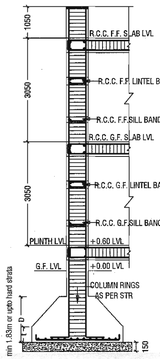


NORTH -WEST SIDE FRONT ELEVATION
(SCALE = 1:100)

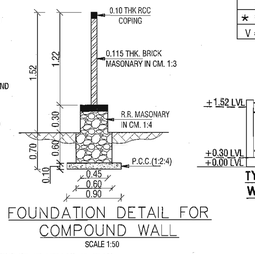
SECTION M-M
(SCALE = 1:100)



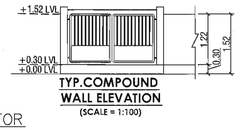
SECTION XX
(SCALE = 1:100)



TYP. COLUMN DETAIL
(SCALE :- N.T.S.)

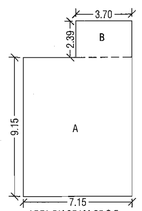


FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



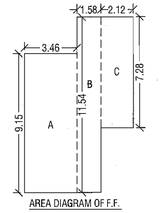
TYP.COMPOUND WALL ELEVATION
(SCALE = 1:100)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING	
F.F. LIGHT VENTILATION CALCULATION	G.F. LIGHT VENTILATION CALCULATION
BED ROOM-1 CARPET AREA	DRG. HALL CARPET AREA
4.69 X 4.16 = 19.510 SQ.MT.	7.39 X 3.34 = 24.682 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%	★ LIGHT VENTILATION REQUIRED 10%
4.69 X 4.16 X 0.10 = 1.95 SQ.MT.	7.39 X 3.34 X 0.10 = 2.46 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW	★ LIGHT VENTILATION PROVIDED WINDOW
W1 = 1.80 X 1.20 = 1.80 SQ.MT.	W = 2.10 X 1.20 = 2.52 SQ.MT.
BED ROOM-2 CARPET AREA	KITCHEN CARPET AREA
3.35 X 4.72 = 15.812 SQ.MT.	3.48 X 4.16 = 14.476 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%	★ LIGHT VENTILATION REQUIRED 10%
3.35 X 4.72 X 0.10 = 1.58 SQ.MT.	3.48 X 4.16 X 0.10 = 1.44 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW	★ LIGHT VENTILATION PROVIDED WINDOW
W1 = 1.80 X 1.20 = 2.16 SQ.MT.	W2 = 1.80 X 0.90 = 1.62 SQ.MT.
TOILET CARPET AREA	BED ROOM CARPET AREA
3.47 X 2.33 = 8.08 SQ.MT.	3.35 X 4.72 = 15.812 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%	★ LIGHT VENTILATION REQUIRED 10%
3.47 X 2.33 X 0.10 = 0.80 SQ.MT.	3.35 X 4.72 X 0.10 = 1.58 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW	★ LIGHT VENTILATION PROVIDED WINDOW
V1 = 1.50 X 0.60 = 0.90 SQ.MT.	W1 = 1.80 X 1.20 = 2.16 SQ.MT.
	TOILET CARPET AREA
	2.40 X 1.20 = 2.88 SQ.MT.
	★ LIGHT VENTILATION REQUIRED 10%
	2.40 X 1.20 X 0.10 = 0.28 SQ.MT.
	★ LIGHT VENTILATION PROVIDED WINDOW
	V = 0.90 X 0.50 = 0.45 SQ.MT.



AREA DIAGRAM OF G.F.

COV. AREA CALCULATION ON G.F.			
A	7.15 X 9.15	65.422 SQ.MT.	
B	3.70 X 2.39	8.843 SQ.MT.	
TOTAL COV. AREA		74.265 SQ.MT.	



AREA DIAGRAM OF F.F.

COV. AREA CALCULATION ON F.F.			
A	3.46 X 9.15	31.659 SQ.MT.	
B	1.58 X 11.54	18.233 SQ.MT.	
C	2.12 X 7.28	15.433 SQ.MT.	
TOTAL COV. AREA		65.325 SQ.MT.	

SPECIFICATIONS

BUILDING SPECIFICATION FOR R.C.C. FRAME STRUCTURE

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. ORG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-RILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG.
	MASONRY:-	- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. FLOORING:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. ORG.
	MASONRY :-	- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	FINISHING :- PLASTER	PROVIDING AND LAYING 12 THICK SINGLE COAT -IN SIDE :- PLASTER WITH 1:4. 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6. -OUT SIDE :-
	COLOUR	-IN SIDE :- PLASTIC PAINT 2 CQAT WITH 2 COAT OF LAPI -OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW OOORS FRAME & PANELED MAIL OOOR -IN SIDE WOODEN FRAME AND FLUSH OOOR LAMINATED -PVC OOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINOOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL OOOR IN VERANDAH
	SERVISES :- PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK :- -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL:-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		116.49 SQ.MT.
2	PERMISSIBLE F.S.I. 1.20		139.788 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	63.75 %	74.265 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	56.07 %	65.325 SQ.MT.
5	F.S.I. CONSUMED	1.198	139.59 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.
9			

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.179 MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17 NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK
PROPOSED COVERED AREA SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
WATER SUPPLY LINE SHOWN IN BLACK DOTTED
EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D	1.00 X 2.10	2.10	-	FULLY T.W. PAINI. DOORS
2	D1	0.90 X 2.10	2.10	-	FULLY T.W. PAINI. DOORS
3	D2	0.75 X 2.10	2.10	-	FULLY T.W. PAINI. DOORS
4	W	2.30 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
5	W1	1.80 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
6	W2	1.80 X 0.90	2.10	1.20	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.50 X 0.60	2.10	1.50	GLAZED LOUVERED VENTILATOR

NOTE

- M S OR R C C. PARAPET AT THE ADGE OF BALCONY
- M S OR R C C. RAILING AT THE ADGE OF STAIRCASE

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work.Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer signature.

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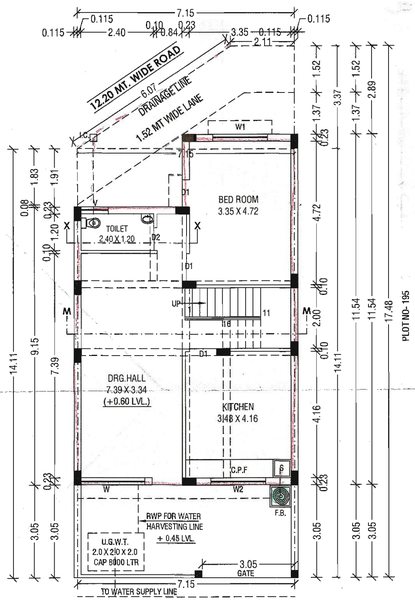
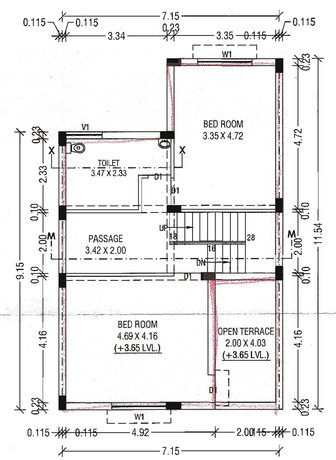
AUTHORITY

Permission No.: 4884 1/R
Date : 25-6-19

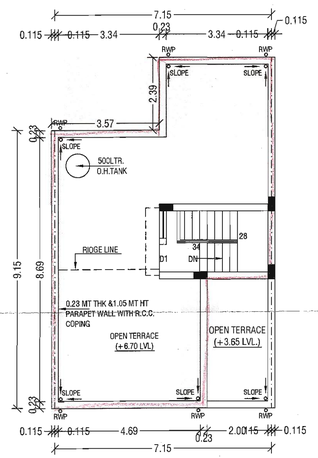
Secret... G.D.A.



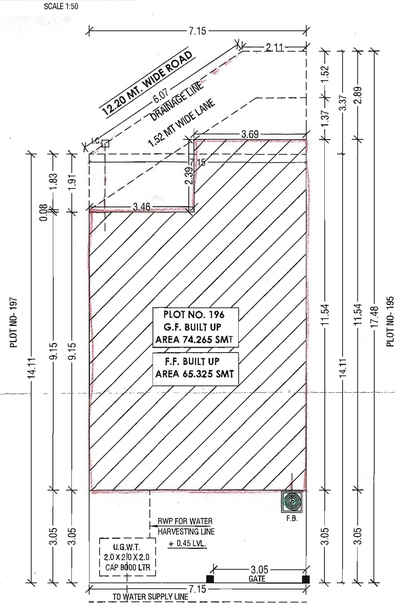
9.14 MT. WD. ROAD
GROUND FLOOR PLAN
(SCALE = 1:100)



FIRST FLOOR PLAN
(SCALE = 1:100)

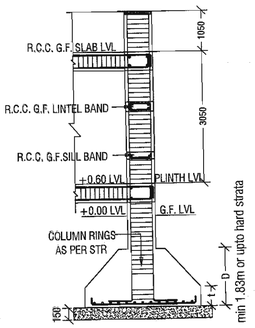


TERRACE PLAN
(SCALE = 1:100)

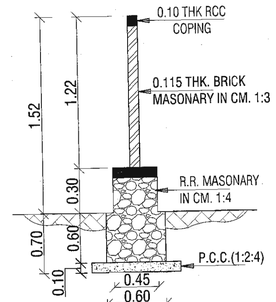


9.14 MT. WD. ROAD
SITE PLAN
(SCALE = 1:100)

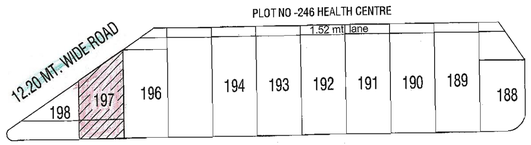
PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 197, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.



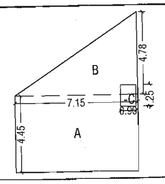
TYP. COLUMN DETAIL
SCALE =N.T.S



FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



KEY PLAN
SCALE :- N.T.S



AREA CALCULATION ON G.F. & F.F.		
A	7.15 X 4.45	31.817 SQ.MT.
B	7.15 X 4.78 / 2	17.088 SQ.MT.
-C	0.90 X 1.25	-1.125 SQ.MT.
TOTAL BUILT UP AREA = 47.780 SQ.MT.		

LIGHT & VENTILATION CALCULATION SHEET
GROUND & FIRST FLOOR

*Drg. Hall					
(A) - Carpet Area	1	3.470	3.610	12.527	
(B) - Light & Ventilaton Required	0.1	3.470	3.610	1.253	
(C) - Light & Ventilaton Provided - Window - W	2	1.350	1.200	3.240	
*Kitchen					
(A) - Carpet Area	1	3.350	2.820	9.447	
(B) - Light & Ventilaton Required	0.1	3.350	2.820	0.945	
(C) - Light & Ventilaton Provided - Window - W1	1	1.500	0.900	1.350	
*Bed room					
(A) - Carpet Area	1	3.350	4.380	14.673	
(B) - Light & Ventilaton Required	0.1	3.350	4.380	1.467	
(C) - Light & Ventilaton Provided - Window - W2	1	1.300	1.200	1.560	
*Toilet					
(A) - Carpet Area	1	1.250	2.350	2.938	
(B) - Light & Ventilaton Required	0.1	1.250	2.350	0.294	
(C) - Light & Ventilaton Provided - Venti. - V	1	0.600	0.600	0.360	

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :-
- EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THIK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.ORG.
- OEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:-
- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILOING

TIE BEAM:-
- AT COLUMN FOOTING AS PER STR. ORG.

PLINTH BEAM:-
-AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING:-
-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. ORG.
-SILL & LINTEL BENO AS PER STR. ORG.

MASONRY:-
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. ORG.

F.F.& S.F.

MASONRY:-
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BENO AS PER STR. ORG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
-R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :-
-PARAPET OF 230MM THICK
-COPING ON PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN

FINISHING :-
-WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

PLASTER
-IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
-OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..

COLOUR
-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI
-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :-
-WINOOW OOORS FRAME & PANELED MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED

-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :-
-M.S GRILL IN WINOOW
-M.S GRILL DOOR IN VERANDAH

SERVISES :-

PLUMBING
-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :-
-CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :- - C.C. FLOORING

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA	83.80 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)	100.56 SQ.MT.
3	PROPOSED COVERED AREA ON G.F 57.01 %	47.780 SQ.MT.
4	PROPOSED COVERED AREA ON F.F 57.01 %	47.780 SQ.MT.
5	F.S.I CONSUMED 1.140	95.56 SQ.MT.
6	ALLOWABLE FRONT SETBACK	3.05 MTR.
7	ALLOWABLE REAR SETBACK	1.52 MTR.
8	ALLOWABLE SIDE SETBACK	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D	1.00 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	W	1.35 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
5	W1	1.50 X 0.90	2.10	1.20	FULLY GLAZED WINDOW
6	W2	1.30 X 1.20	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.60 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

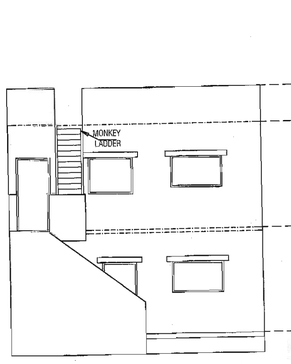
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinagar, GIM

SITE SUPERVISOR.

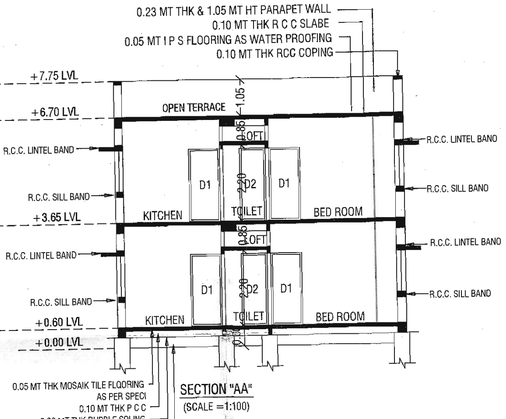
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

AUTHORITY

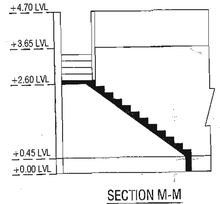
Permission No.: 4841/R
Dated : 25-6-19
Secretary, G.D.A.



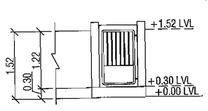
NORTH-WEST SIDE (FRONT) ELEVATION
SCALE=1:100



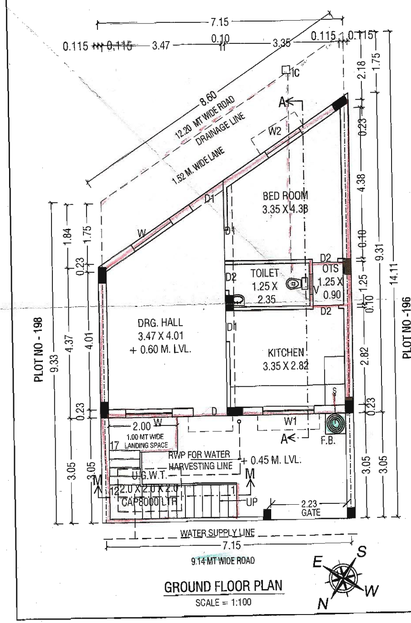
SECTION "AA"
(SCALE =1:100)



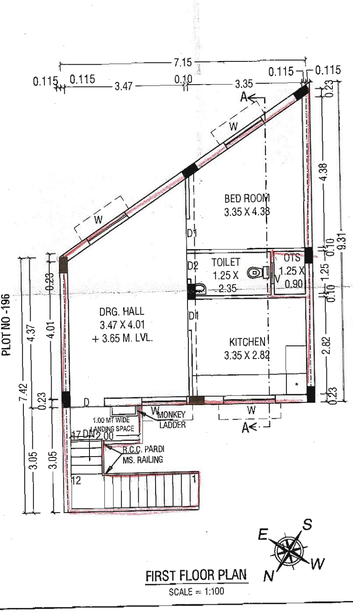
SECTION M-M
(SCALE = 1:100)



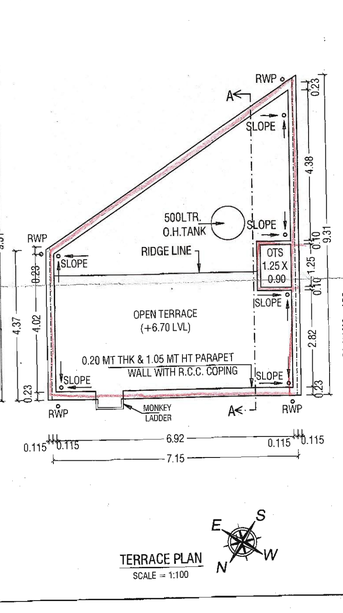
TYP.COMPOUND WALL ELEVATION
(SCALE = 1:100)



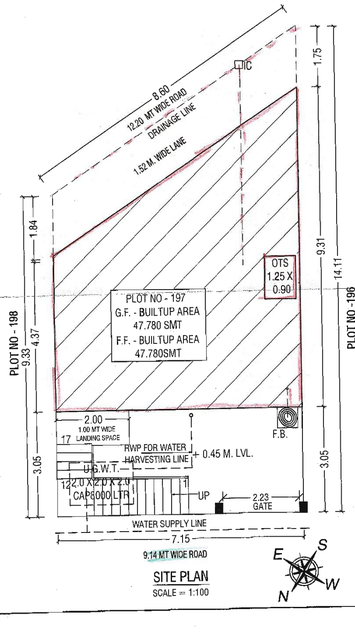
GROUND FLOOR PLAN
SCALE = 1:100



FIRST FLOOR PLAN
SCALE = 1:100

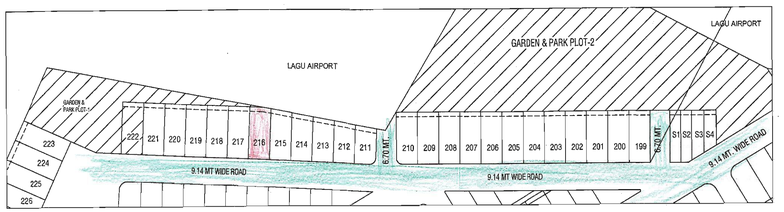


TERRACE PLAN
SCALE = 1:100

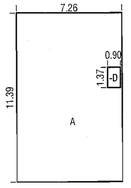


SITE PLAN
SCALE = 1:100

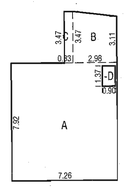
REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 216, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.



KEY PLAN
SCALE = NTS



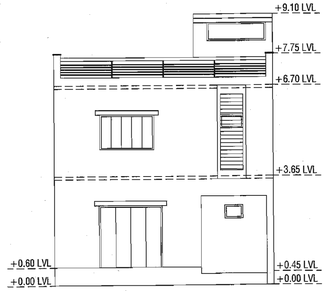
AREA DIAGRAM OF G.F.



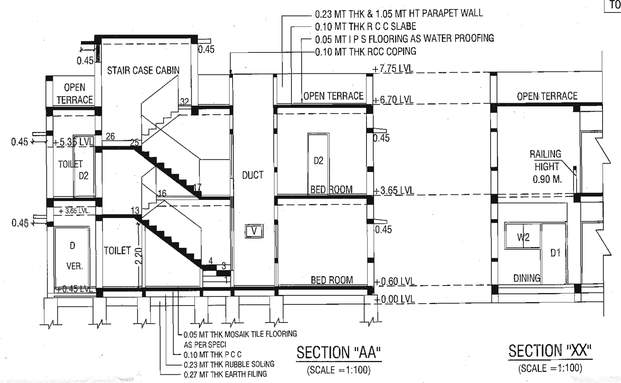
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.26 X 11.39	82.691 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.458 SQ.MT.		

AREA CALCULATION ON F.F.		
A	7.26 X 7.92	57.45 SQ.MT.
B	3.47+3.11/2 X 2.98	9.804 SQ.MT.
C	0.83 X 3.47	2.88 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 68.901 SQ.MT.		



SOUTH-EAST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)

SECTION "XX"
(SCALE =1:100)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. ORG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG.
	MASONRY:-	- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. MASONRY:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. ORG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN
	FINISHING :-	-WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	PLASTER	-IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4. -OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..
	COLOUR	-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAP -OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED -PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :-	
	PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA	124.49 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)	149.388 SQ.MT.
3	PROPOSED COVERED AREA ON G.F 64.63 %	80.458 SQ.MT.
4	PROPOSED COVERED AREA ON F.F 55.34 %	68.901 SQ.MT.
5	F.S.I CONSUMED 1.1997	149.359 SQ.MT.
6	ALLOWABLE FRONT SETBACK	3.05 MTR.
7	ALLOWABLE REAR SETBACK	1.52 MTR.
8	ALLOWABLE SIDE SETBACK	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

* MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
* STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary précaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP.
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR RAJVI ESTATE LLP

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STRUCTURE ENGINEER.

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Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

SITE SUPERVISOR.

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Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
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AUTHORITY

Permission No.: 4884/1/R
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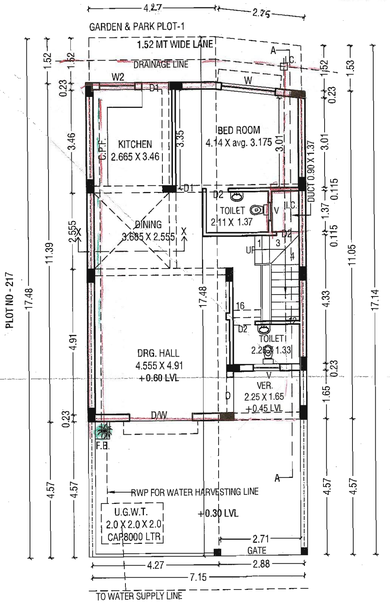
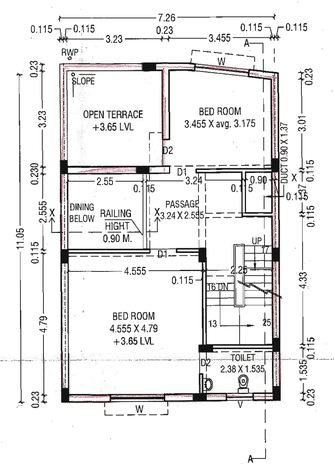
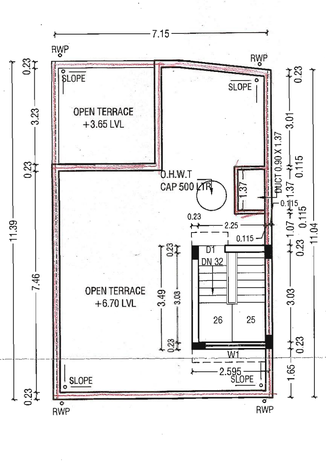


GROUND FLOOR PLAN
SCALE = 1:100



FIRST FLOOR PLAN
SCALE = 1:100



TERRACE PLAN
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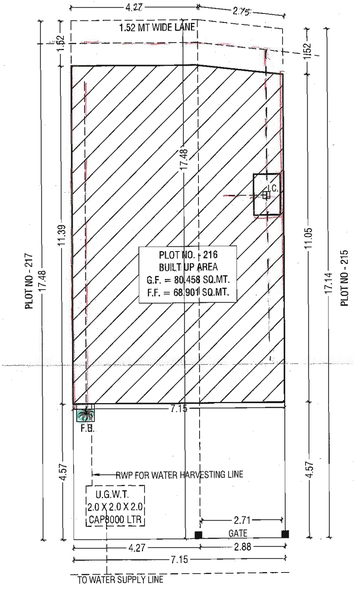

BLOCK PLAN
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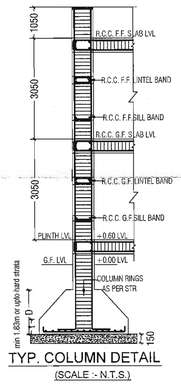
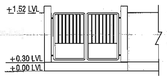
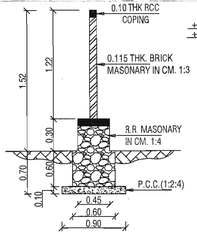


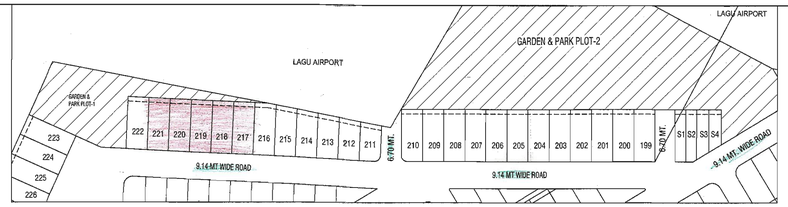
TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



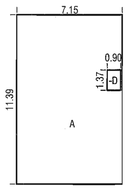
TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)



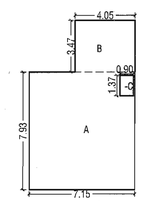
FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



KEY PLAN
SCALE = NTS



AREA DIAGRAM OF G.F.



AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

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A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.47	14.05 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.517 SQ.MT.		

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 = 0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :- - EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL:- - UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM:- - AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM:- -AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F. FLOORING:- -FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
-ANTI-TERVINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.

MASONRY:- - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F. MASONRY:- -MTRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. DRG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

TERRACE LEVEL :- -PARAPET OF 230MM THICK
-COPING ON PARAPET
-BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN

FINISHING :- -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

PLASTER -IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.

-OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..

COLOUR -IN-SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI

-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :- -WINDOW DOORS FRAME & PANELED MAIL DOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED

-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :- -M.S GRILL IN WINDOW
-M.S GRILL DOOR IN VERANDAH

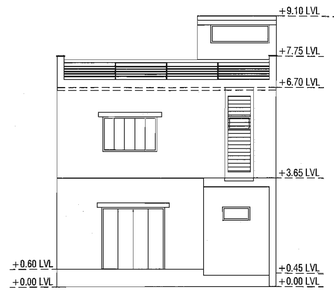
SERVISES :- PLUMBING -UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :- -CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP /15AMP
-PLUG POINT 5 AMP /15AMP

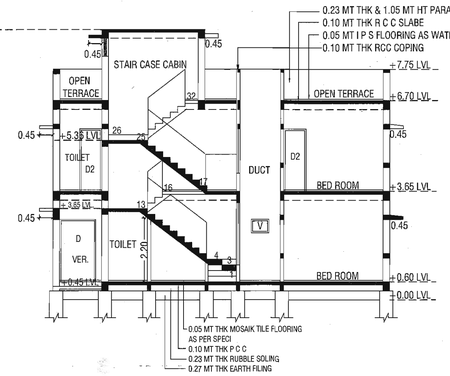
STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

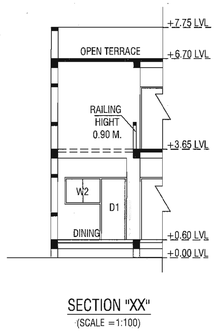
COURT YARD :- - C.C. FLOORING



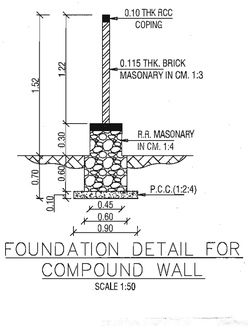
SOUTH-EAST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)

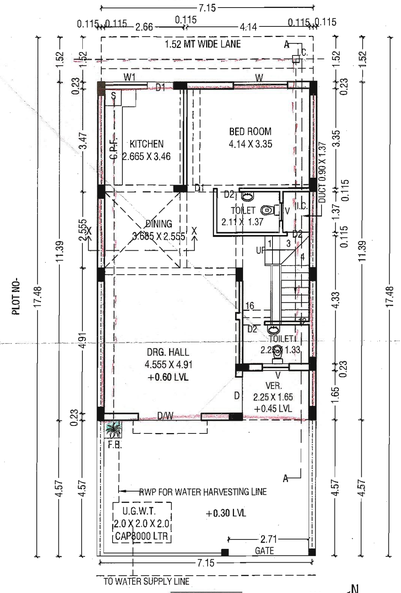


SECTION "XX"
(SCALE =1:100)

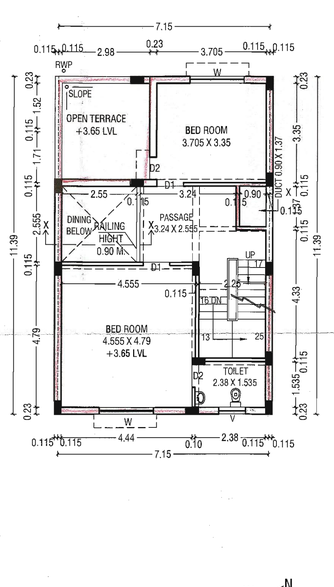


FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50

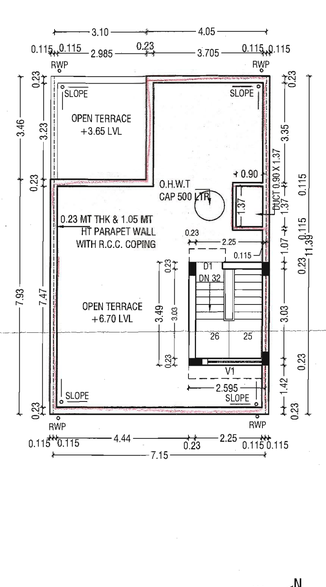
GARDEN & PARK PLOT - 1



TYPICAL GROUND FLOOR PLAN
SCALE = 1:100

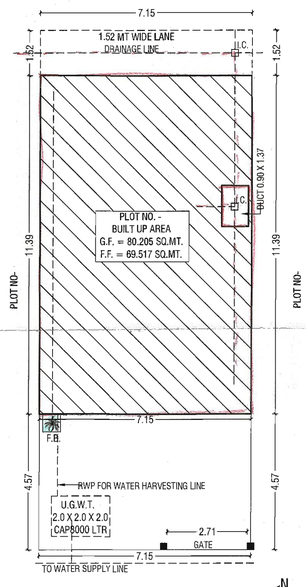


TYPICAL FIRST FLOOR PLAN
SCALE = 1:100



TYPICAL TERRACE PLAN
SCALE = 1:100

GARDEN & PARK PLOT - 1



TYPICAL SITE PLAN
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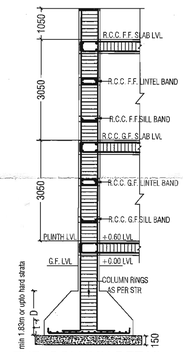
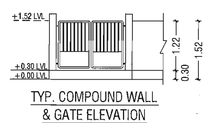


TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

SHEET NO - 11 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 217 TO 221, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA EACH	124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I) EACH	149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F EACH 64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F EACH 0.5526	69.517 SQ.MT.
5	F.S.I CONSUMED EACH 1.194	149.722 SQ.MT.
6	ALLOWABLE FRONT SETBACK EACH	3.05 MTR.
7	ALLOWABLE REAR SETBACK EACH	1.52 MTR.
8	ALLOWABLE SIDE SETBACK EACH	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK
PROPOSED COVERED AREA SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
WATER SUPPLY LINE SHOWN IN BLACK DOTTED
EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVEREO VENTILATOR
8	V1	1.83 X 0.50	2.10	-	GLAZED LOUVEREO VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer signature.

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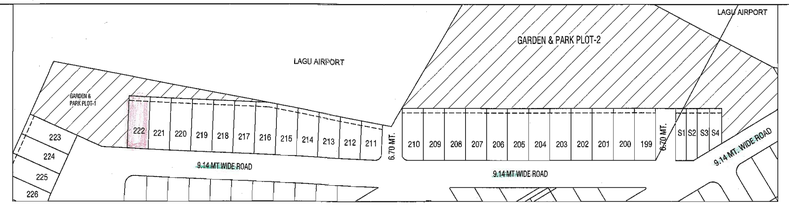
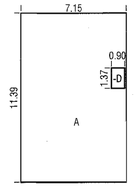


KEY PLAN
SCALE = NTS



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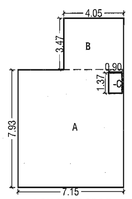

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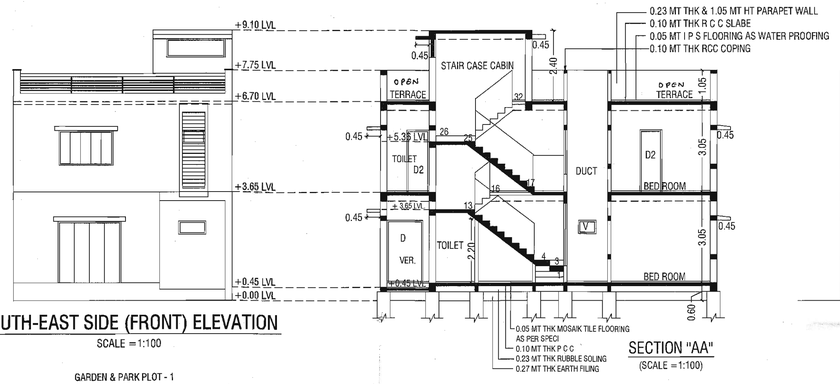
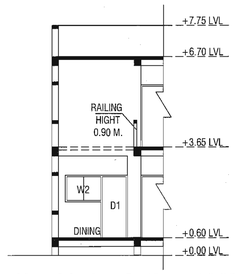
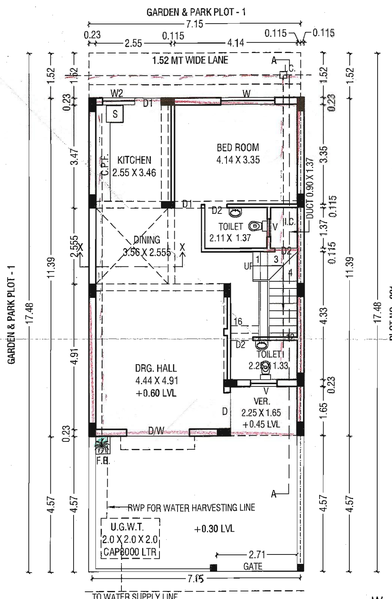


SOUTH-EAST SIDE (FRONT) ELEVATION
SCALE =1:100

SECTION "AA"
(SCALE =1:100)



SECTION "XX"
(SCALE =1:100)



GROUND FLOOR PLAN
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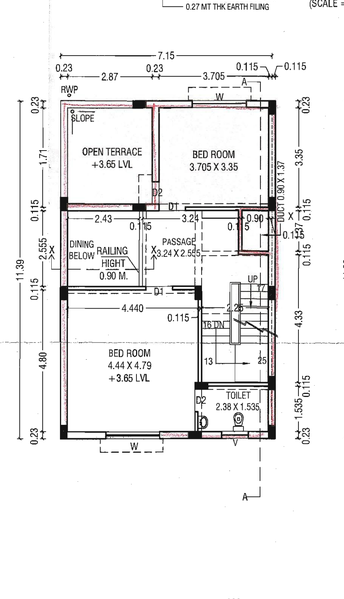
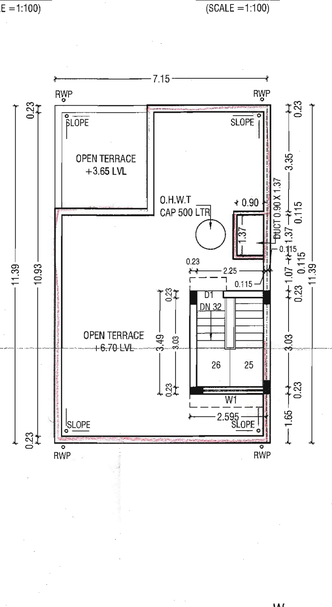


FIRST FLOOR PLAN
SCALE =1:100



TERRACE PLAN
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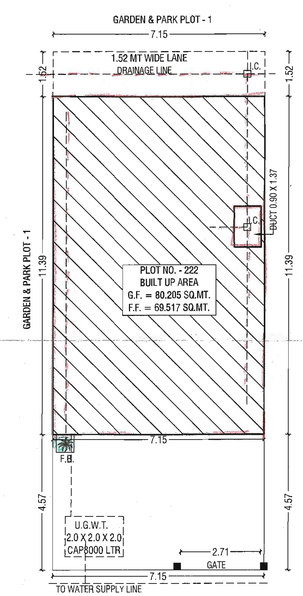
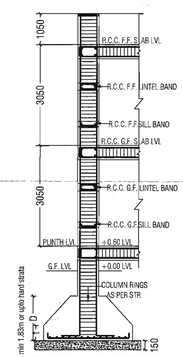
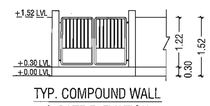


SITE PLAN
SCALE =1:100



TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. DRG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.S./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG.
	MASONRY:-	- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. MASONRY:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PAROI OR MS AS PER DESIGN -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	FINISHING :-	
	PLASTER	PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER -IN SIDE :- WITH 1:4. 12 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP -OUT SIDE :- LAYER 6 MM THICK CEMENT PLASTER 1:6..
	COLOUR	-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI -OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED -PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :-	
	PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

SHEET NO - 13 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 222, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)		149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	0.5526	69.517 SQ.MT.
5	F.S.I CONSUMED	1.194	149.722 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK
PROPOSED COVERED AREA SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
WATER SUPPLY LINE SHOWN IN BLACK DOTTED
EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10	-	GLAZED LOUVERED VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B. Tech)
Engineer GDA Reg. No.157 Dt.15-10-01
Structural Designer GDA Reg. No. 19 Dt. 7-9-01
Site Supervisor GDA Reg. No. 21 Dt. 10-10-01
Ph.: 9824214364 Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

SITE SUPERVISOR.

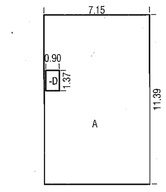
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

AUTHORITY

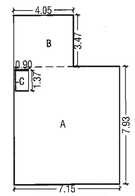
Permission No.: 4884/1/R
Date : 25-6-19
Secretary, G.D.A.

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 223, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

KEY PLAN
SCALE = NTS



AREA DIAGRAM OF G.F.



AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

AREA CALCULATION ON F.F.		
A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.47	14.05 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.517 SQ.MT.		

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
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DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
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TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
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SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.ORG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. ORG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
	MASONRY:-	-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 M/M THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. MASONRY:-	-NTRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. ORG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. ORG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI OR MS AS PER OESIGN
	FINISHING :-	-WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	PLASTER	-IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4. -OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6..
	COLOUR	-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI -OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED -PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :-	
	PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

AREA STATEMENT

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6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
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2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
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5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK
PROPOSED COVERED AREA SHOWN IN RED
DRAINAGE LINE SHOWN IN RED DOTTED
WATER SUPPLY LINE SHOWN IN BLACK DOTTED
EXISTING ROAD SHOWN IN GREEN

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTION
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10	-	GLAZED LOUVERED VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

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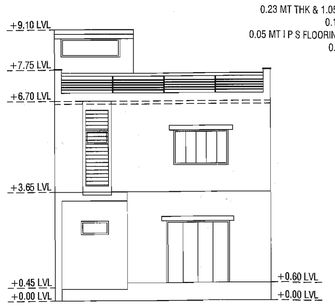
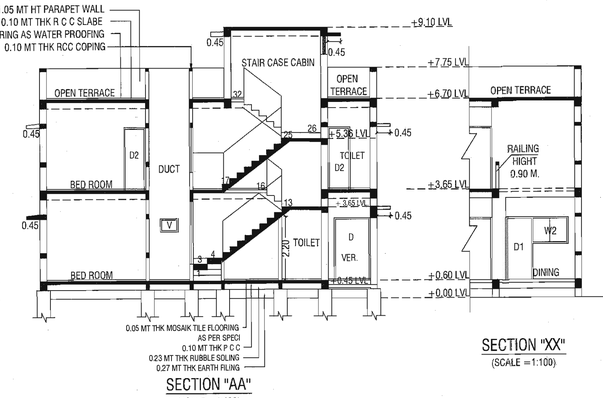
D-62, Shaktinnagar, GIM.

AUTHORITY

Permission No.: 48841/R
Date : 25-6-19
Secretary, G.D.A.



EAST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
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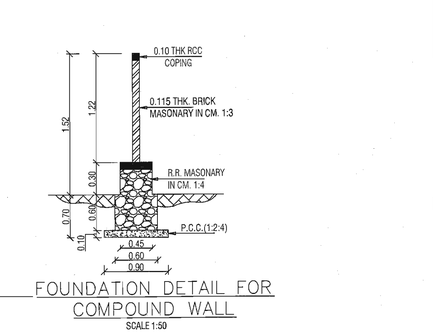
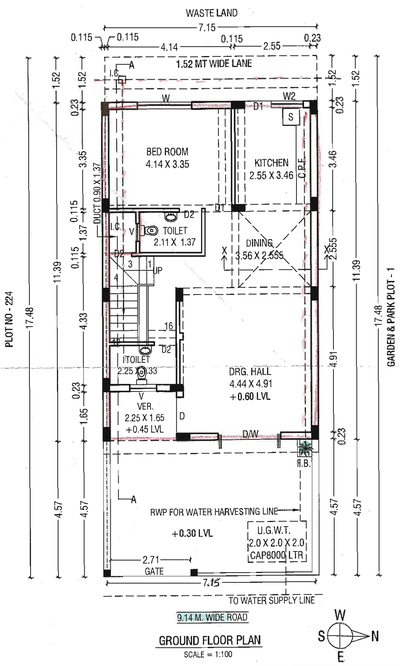
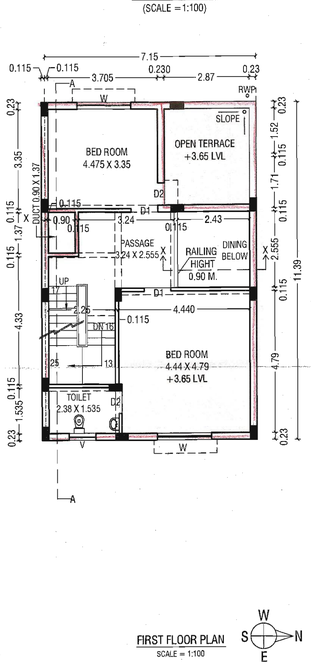


SECTION "XX"
(SCALE =1:100)

FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



GROUND FLOOR PLAN
SCALE = 1:100



FIRST FLOOR PLAN
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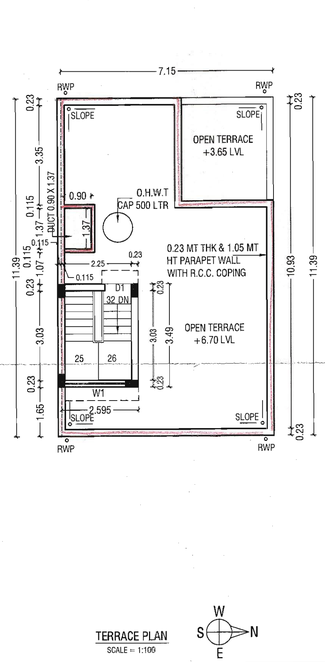
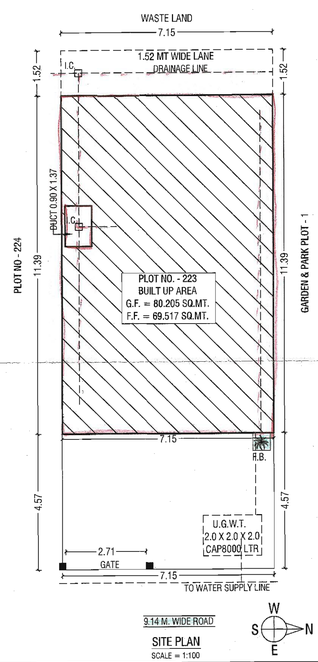
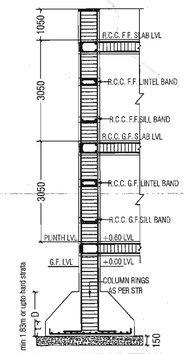


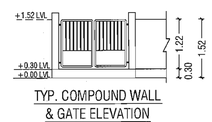
TERRACE PLAN
SCALE = 1:100



SITE PLAN
SCALE = 1:100

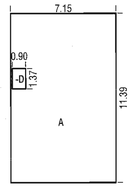


TYP. COLUMN DETAIL
(SCALE :- N.T.S.)

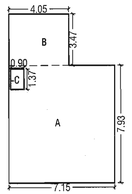


TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

KEY PLAN
SCALE = NTS



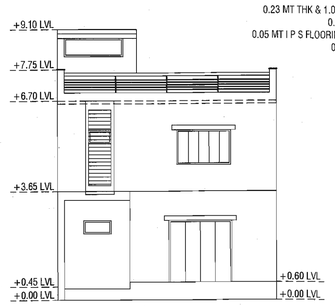
AREA DIAGRAM OF G.F.



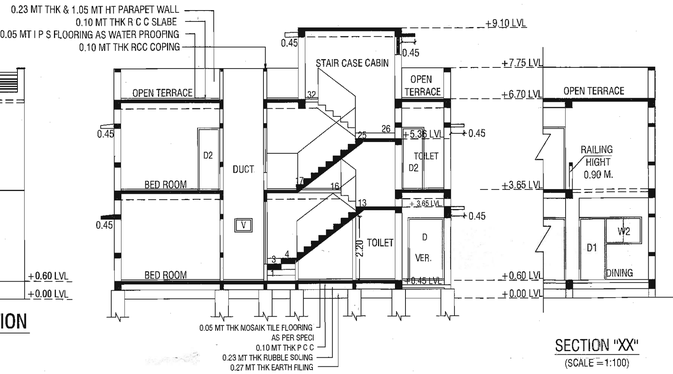
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

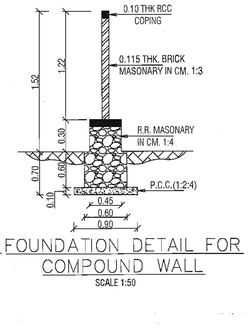
AREA CALCULATION ON F.F.		
A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.47	14.05 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.517 SQ.MT.		



EAST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)



FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50

SECTION "XX"
(SCALE =1:100)

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE

FOUNDATION :-
- EXCAVATION UP TO HARD STRATA/
- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL :-
- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM :-
- AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM :-
- AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING :-
- FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM
- ANTI-TERMINE AT PLINTH LEVEL
- BASE CONCRETE P.C.C.1:3:6 WITH 100 THK.
- VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
- R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. ORG.
- SILL & LINTEL BENO AS PER STR. ORG.

MASONRY :-
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
- R.C.C. SLAB 0.15 THICK IN M 200
- R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F.

MASONRY :-
- VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
- R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. ORG.
- SILL & LINTEL BEND AS PER STR. ORG.
- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :-
- R.C.C. SLAB 0.15 THICK IN M 200
- R.C.C. BEAM AS PER STR. ORG.

TERRACE LEVEL :-
- PARAPET OF 230MM THICK
- COPING ON PARAPET
- BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN
- WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

FINISHING :-

PLASTER
- IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
- OUT SIDE :- 18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:5..

COLOUR
- IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI
- OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :-
- WINDOW DOORS FRAME & PANELED MAIL DOOR
- IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED
- PVC DOOR WITH GRANITE FRAME ION TOILET
- UPVC / ANODIZED ALUMINUM / WOODEN WINDOW

MS GRILL :-
- M.S GRILL IN WINDOW
- M.S GRILL DOOR IN VERANDAH

SERVISES :-

PLUMBING
- UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS
- CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED
- SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
- UNDER GROUND TANK
- OVER HEAD TANK :- PVC

ELECTRIFICATION :-
- CANCELS ISI WALL WEARING ETC
- MODULER SWITCHES 5 AMP /15AMP
- PLUG POINT 5 AMP /15AMP

STAIR CASE :-
- S.S RAILING / MS RAILING IN OPEN STAIR

COMPOUND WALL :-
- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :-
- C.C. FLOORING

SHEET NO - 15 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 224 TO 232, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA EACH		124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I) EACH		149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F EACH	64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F EACH	0.5526	69.517 SQ.MT.
5	F.S.I CONSUMED EACH	1.194	149.722 SQ.MT.
6	ALLOWABLE FRONT SETBACK EACH		3.05 MTR.
7	ALLOWABLE REAR SETBACK EACH		1.52 MTR.
8	ALLOWABLE SIDE SETBACK EACH		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

- MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
- STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B. Tech)
Engineer GDA Reg. No.157 Dt.15-10-01
Structural Designer GDA Reg. No. 19 Dt. 7-9-01
Site Supervisor GDA Reg. No. 21 Dt. 10-10-01
Ph.: 9824214364 Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

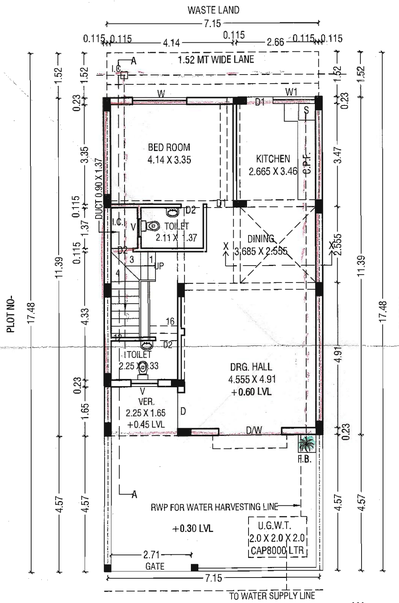
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

SITE SUPERVISOR.

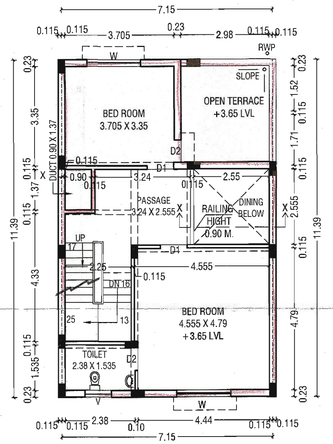
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

AUTHORITY

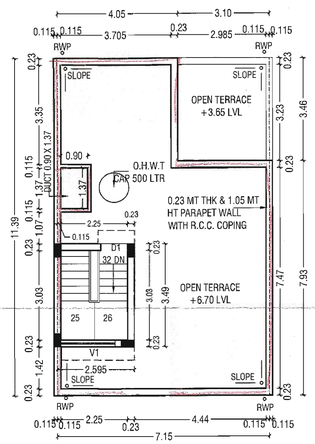
Permission No.: 48841/R
Date : 25-6-19
Secretary G.D.A.



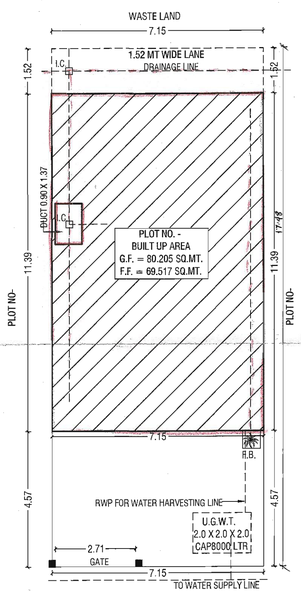
TYPICAL GROUND FLOOR PLAN
SCALE = 1:100



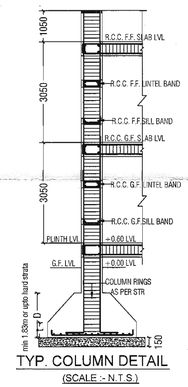
TYPICAL FIRST FLOOR PLAN
SCALE = 1:100



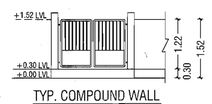
TYPICAL TERRACE PLAN
SCALE = 1:100



TYPICAL SITE PLAN
SCALE = 1:100



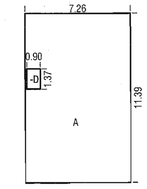
TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



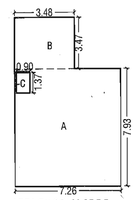
TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 233, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

KEY PLAN
SCALE = NTS



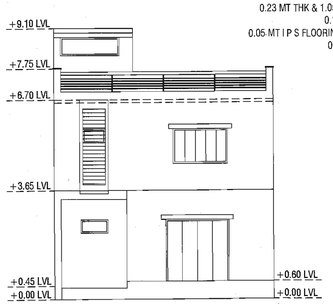
AREA DIAGRAM OF G.F.



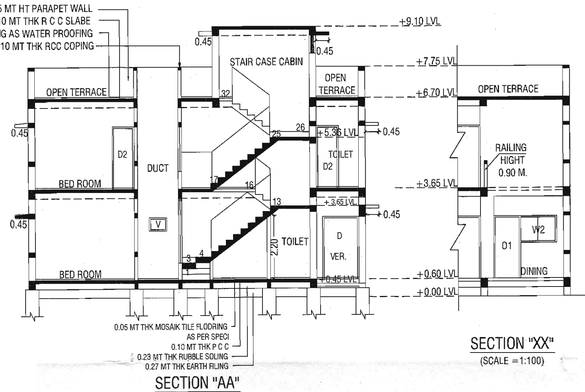
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.26 X 11.39	82.691 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 81.458 SQ.MT.		

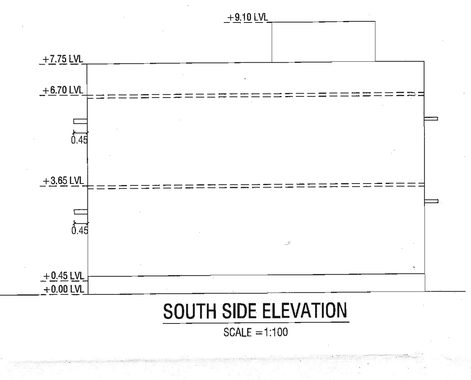
AREA CALCULATION ON F.F.		
A	7.26 X 7.93	57.572 SQ.MT.
B	3.48 X 3.47	12.075 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 68.414 SQ.MT.		



EAST SIDE (FRONT) ELEVATION
SCALE =1:100

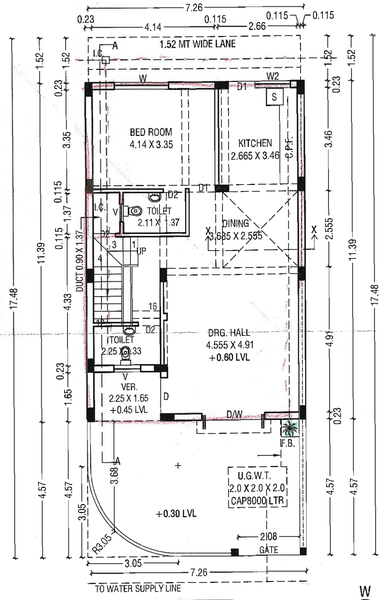


SECTION "AA"
(SCALE =1:100)

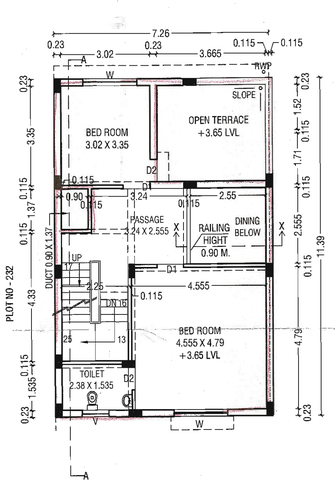


SECTION "XX"
(SCALE =1:100)

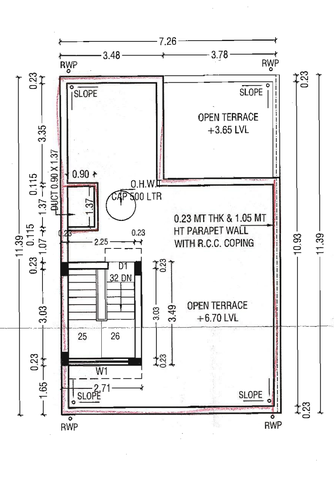
SOUTH SIDE ELEVATION
SCALE =1:100



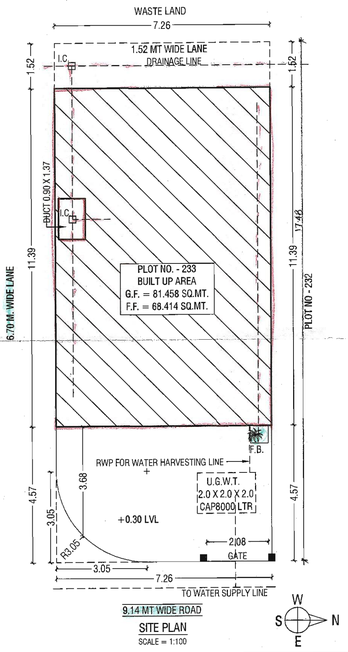
GROUND FLOOR PLAN
SCALE = 1:100



FIRST FLOOR PLAN
SCALE = 1:100



TERRACE PLAN
SCALE = 1:100



SITE PLAN
SCALE = 1:100

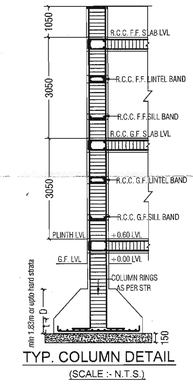
DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

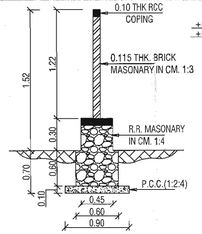
SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

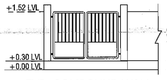
SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. DRG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.B./QUIARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG.
	MASONRY:-	- PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F. & S.F. MASONRY:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL, AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI DR MS AS PER DESIGN -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	FINISHING :-	
	PLASTER	PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER -IN SIDE :- WITH 1:4.
		18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP -OUT SIDE :- LAYER 6 MM THICK CEMENT PLASTER 1:6..
	COLOUR	-IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI -OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED -PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANODIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :-	
	PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC. -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING



TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50



TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		124.90 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)		149.88 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	65.21 %	81.458 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	54.77 %	68.414 SQ.MT.
5	F.S.I CONSUMED	1.1998	149.872 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN OOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

* MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
* STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me, certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B. Tech)
Engineer GDA Reg. No.157 Dt.15-10-01
Structural Designer GDA Reg. No. 19 Dt. 7-9-01
Site Supervisor GDA Reg. No. 21 Dt. 10-10-01
Ph.- 9824214364 Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
B-62, Shaktinagar, GIM

SITE SUPERVISOR.

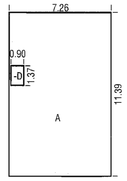
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinagar, GIM.

AUTHORITY

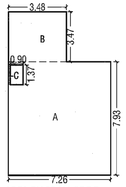
Permission No.: 48841/R
Date : 25-6-19
Secretary G.D.A.

KEY PLAN

SCALE = NTS



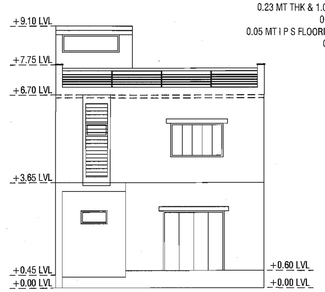
AREA DIAGRAM OF G.F.



AREA DIAGRAM OF F.F.

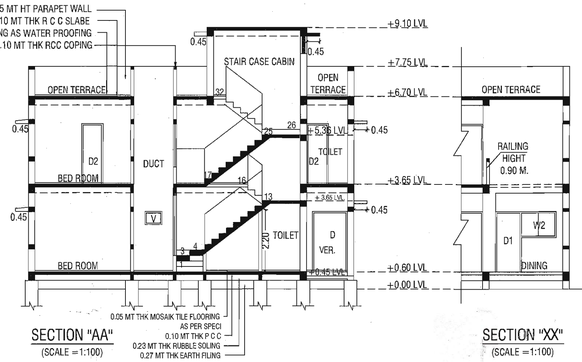
AREA CALCULATION ON G.F.		
A	7.26 X 11.39	82.691 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.

AREA CALCULATION ON F.F.		
A	7.26 X 7.93	57.572 SQ.MT.
B	3.48 X 3.47	12.075 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.



EAST SIDE (FRONT) ELEVATION

SCALE = 1:100

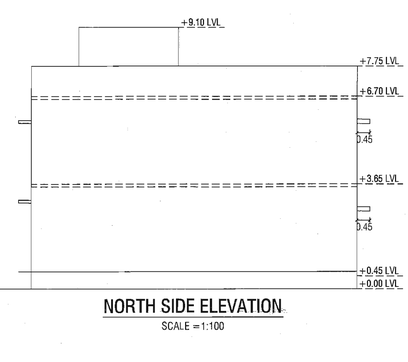


SECTION "AA"

(SCALE =1:100)

SECTION "XX"

(SCALE =1:100)



NORTH SIDE ELEVATION

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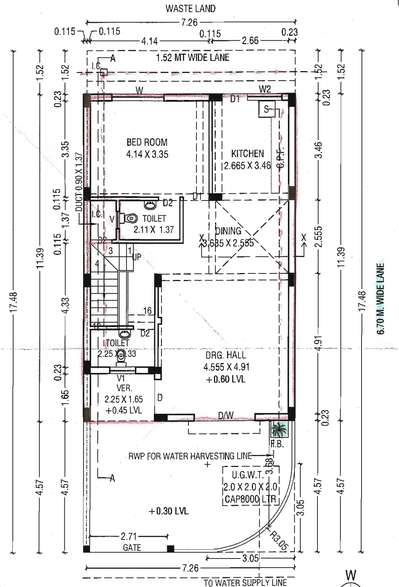
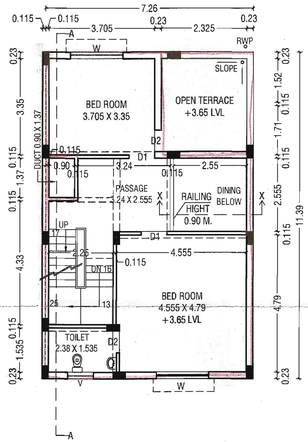


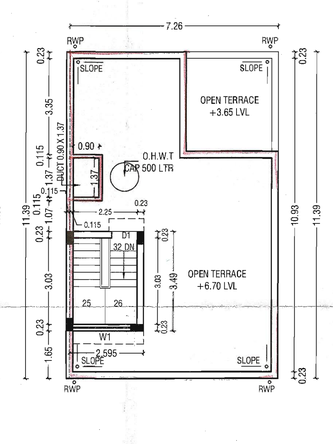
GROUND FLOOR PLAN

SCALE = 1:100



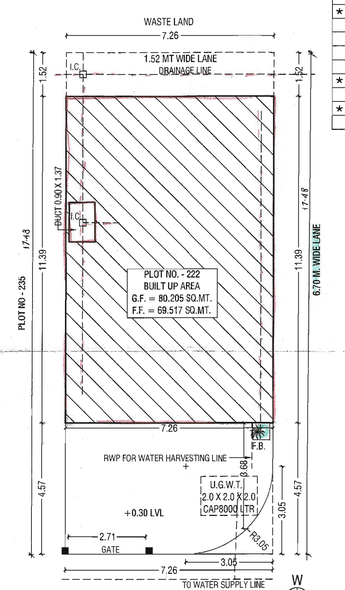
FIRST FLOOR PLAN

SCALE = 1:100



TERRACE PLAN

SCALE = 1:100



SITE PLAN

SCALE = 1:100

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SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

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- P.C.C. 0.15 THK. IN C.C. 1:3:6
- SPREAD / ISOLATED / COMBINE R.C.C. FOOTING AS PER STR.DRG.
- DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.

UCR RETAIN WALL :- - UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING

TIE BEAM :- - AT COLUMN FOOTING AS PER STR. DRG.

PLINTH BEAM :- -AT PLINTH LEVEL AS PER STR. DRG.

SUPER STRUCTURE & ANY HEIGHT

G.F.

FLOORING :- -FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MOSAIUM
-ANTI-TERMINE AT PLINTH LEVEL
-BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK.
-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
-SILL & LINTEL BEND AS PER STR. ORG.

MASONRY :- - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4

G.F. SLAB LEVEL :- -R.C.C. SLAB 0.15 THICK IN M 200
-R.C.C. BEAM AS PER STR. DRG.

F.F.& S.F.

MASONRY :- -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR.
-R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
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TERRACE LEVEL :- -PARAPET OF 230MM THICK
-COPING OR PARAPET
-BALCONY RAILING IN RCC PARDI GR MS AS PER OESIGN

FINISHING :- -WATER PROOFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE

PLASTER -IN SIDE :- PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.

18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP -OUT SIDE :- LAYER 6 MM THICK CEMENT PLASTER 1:6..

CO.LOUR -IN SIDE :- PLASTIC PAINT 2 COAT WITH 2 COAT OF LAPI

-OUT SIDE :- APEX / ACE EXTERNAL EMULSION PAINT

DOOR / WINDOW :- -WINOOW OOORS FRAME & PANELEO MAIL OOOR
-IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATEO

-PVC DOOR WITH GRANITE FRAME ION TOILET
-UPVC / ANDOIZEO ALUMINUM / WOODEN WINDOW

MS GRILL :- -M.S GRILL IN WINOOW
-M.S GRILL OOOR IN VERANOAH

SERVISES :-

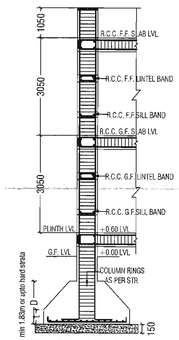
PLUMBING -UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIL
- OF BIB COCK / SHOWER / CONCEAL OOCK / VALVE AS PER REQUIRED
-SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED
-UNDER GROUND TANK
-OVER HEAD TANK :- PVC

ELECTRIFICATION :- -CANCELS ISI WALL WEARING ETC
-MODULER SWITCHES 5 AMP / 15AMP
-PLUG POINT 5 AMP / 15AMP

STAIR CASE :- -S.S RAILING / MS RAILING IN OPEN STAIR

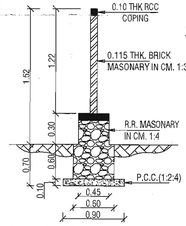
COMPOUND WALL :- - ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY

COURT YARD :- - C.C. FLOORING



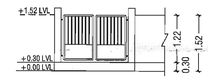
TYP. COLUMN DETAIL

(SCALE :- N.T.S.)



FOUNDATION DETAIL FOR COMPOUND WALL

SCALE 1:50



TYP. COMPOUND WALL & GATE ELEVATION

(SCALE =N.T.S)

SHEET NO - 18 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 234, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION		SMT
1	PLOT AREA		124.90 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I)		149.88 SQ.MT.
3	PROPOSED COVERED AREA ON G.F	65.21 %	81.458 SQ.MT.
4	PROPOSED COVERED AREA ON F.F	54.77 %	68.414 SQ.MT.
5	F.S.I CONSUMED	1.1998	149.872 SQ.MT.
6	ALLOWABLE FRONT SETBACK		3.05 MTR.
7	ALLOWABLE REAR SETBACK		1.52 MTR.
8	ALLOWABLE SIDE SETBACK		N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

* MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
* STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer signature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

SUNIL GUPTA (B. Tech)
Engineer GDA Reg. No.157 Dt.15-10-01
Structural Designer GDA Reg. No. 19 Dt. 7-9-01
Site Supervisor GDA Reg. No. 21 Dt. 10-10-01
Ph.: 9824214364 Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

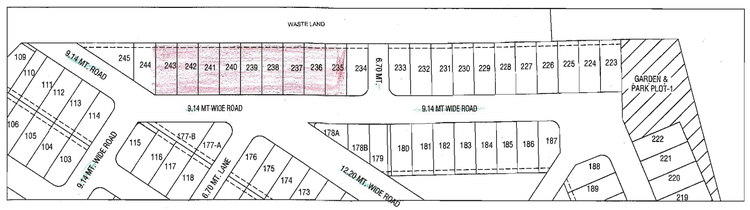
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19, Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinagar, GIM

SITE SUPERVISOR.

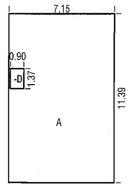
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinagar, GIM.

AUTHORITY

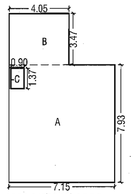
Permission No.: 4884/R
Date : 25-6-19
Secretary G.D.A.



KEY PLAN
SCALE = NTS



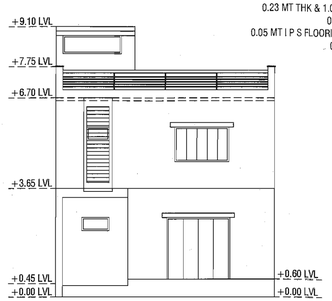
AREA DIAGRAM OF G.F.



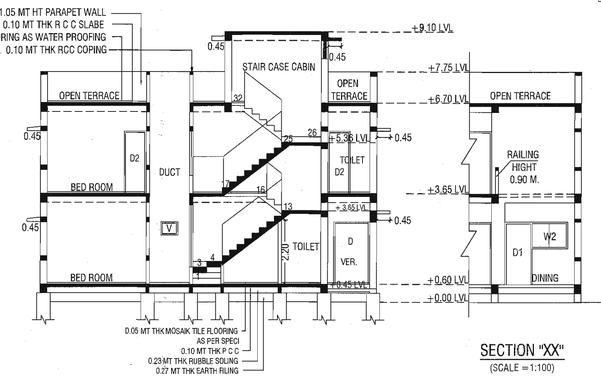
AREA DIAGRAM OF F.F.

AREA CALCULATION ON G.F.		
A	7.15 X 11.39	81.438 SQ.MT.
-D	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 80.205 SQ.MT.		

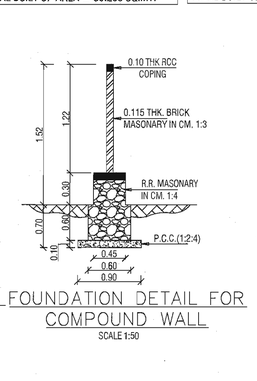
AREA CALCULATION ON F.F.		
A	7.15 X 7.93	56.70 SQ.MT.
B	4.05 X 3.47	14.05 SQ.MT.
-C	0.90 X 1.37	-1.233 SQ.MT.
TOTAL BUILT UP AREA = 69.517 SQ.MT.		



EAST SIDE (FRONT) ELEVATION
SCALE =1:100



SECTION "AA"
(SCALE =1:100)



SECTION "XX"
(SCALE =1:100)

FOUNDATION DETAIL FOR COMPOUND WALL
SCALE 1:50

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
G.F. LIGHT VENTILATION CALCULATION
DRG. HALL CARPET AREA
4.555 X 4.91 = 22.36 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.91 X 0.10 = 2.236 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
D/W = 2.13 X 2.10 = 4.473 SQ.MT.
KITCHEN CARPET AREA
2.665 X 3.46 = 9.22 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.665 X 3.46 X 0.10 =0.922 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W2 = 1.20 X 0.90 = 1.08 SQ.MT.
BED ROOM CARPET AREA
4.14 X 3.35 = 13.869 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.14 X 3.35 X 0.10 = 1.386 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.25 X 1.33 = 2.99 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.25 X 1.33 X 0.10 = 0.299 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.
TOILET CARPET AREA
2.11 X 1.37 = 2.89 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.11 X 1.37 X 0.10 = 0.289 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 =0.45 SQ.MT.

DETAIL ROOM WISE LIGHT & VENTILATION CALCULATION FOR RESIDENTIAL BUILDING
F.F. LIGHT VENTILATION CALCULATION
BED ROOM CARPET AREA
4.555 X 4.79 = 21.818 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
4.555 X 4.79 X 0.10 = 2.181 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.
TOILET CARPET AREA
2.38 X 1.535 = 3.65 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
2.38 X 1.535 X 0.10 =0.365 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
V = 0.90 X 0.50 = 0.45 SQ.MT.
BED ROOM CARPET AREA
3.705 X 3.35 = 7.055 SQ.MT.
★ LIGHT VENTILATION REQUIRED 10%
3.705 X 3.35 X 0.10 = 0.705 SQ.MT.
★ LIGHT VENTILATION PROVIDED WINDOW
W = 1.83 X 1.50 = 2.745 SQ.MT.

SPECIFICATIONS

BUILDING SPECIFICATION (R.C.C. FRAME STRUCTURE)

SUB STRUCTURE	FOUNDATION :-	- EXCAVATION UP TO HARD STRATA/ - P.C.C. 0.15 THK. IN C.C. 1:3:6 - SPREAD / ISOLATED / COMBINE R.C.C. FODTING AS PER STR.DRG. - DEPT OF FOUNDATION AS PER SOIL TEST REPORT 2.00 METER MIN.
	UCR RETAIN WALL:-	- UCR BLACK STONE MASONRY IN PERIPHERY OF BUILDING
	TIE BEAM:-	- AT COLUMN FOOTING AS PER STR. DRG.
	PLINTH BEAM:-	-AT PLINTH LEVEL AS PER STR. DRG.
SUPER STRUCTURE & ANY HEIGHT	G.F. FLOORING:-	-FILLING IN PLINTH WITH G.S.B./QUARRY WASTE / MORMUM -ANTI-TERMINE AT PLINTH LEVEL -BASE CONCRETE P.C.C.1:3:6 WITH 100 THIK. -VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG.
	MASONRY:-	-SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	F.F.& S.F. MASONRY:-	-VITRIFIED TILE FLOORING IN ENTIRE PLAN / STR. -R.C.C. COLUMN UP TO SLAB BEAM BOTTOM LEVEL AS PER STR. DRG. -SILL & LINTEL BEND AS PER STR. DRG. - PROVIDING & LAYING 230 MM THICK BRICK MASONRY AT SUPER STRUCTURE LEVEL WITH CM 1 : 5, 100MM THICK PARTITION MASONRY WITH CM 1:4
	G.F. SLAB LEVEL :-	-R.C.C. SLAB 0.15 THICK IN M 200 -R.C.C. BEAM AS PER STR. DRG.
	TERRACE LEVEL :-	-PARAPET OF 230MM THICK -COPING ON PARAPET -BALCONY RAILING IN RCC PARDI OR MS AS PER DESIGN
	FINISHING :-	-WATER PRODFING WITH CHINA MOSAIC / IPS FLOOR WITH CHEMICAL ADMIXTURE
	PLASTER -IN SIDE :-	PROVIDING AND LAYING 12 THICK SINGLE COAT PLASTER WITH 1:4.
	-OUT SIDE :-	18 MM CEMENT PLASTER IN TWO COATS UNDER LAYER 12 MM THICK CEMENT PLASTER 1:5 FINISHED WITH A TOP LAYER 6 MM THICK CEMENT PLASTER 1:6.
	COLOUR -IN SIDE :-	PLASTIC PAINT 2 COAT WITH 2 COAT OF LAP
	-OUT SIDE :-	APEX / ACE EXTERNAL EMULSION PAINT
	DOOR / WINDOW :-	-WINDOW DOORS FRAME & PANELED MAIL DOOR -IN SIDE WOODEN FRAME AND FLUSH DOOR LAMINATED
		-PVC DOOR WITH GRANITE FRAME ION TOILET -UPVC / ANDDIZED ALUMINUM / WOODEN WINDOW
	MS GRILL :-	-M.S GRILL IN WINDOW -M.S GRILL DOOR IN VERANDAH
	SERVISES :- PLUMBING	-UPVC / APVC PIPE OF REQUIRED DIAMETER AS PER DESIGN DETAIS - CP BIB COCK / SHOWER / CONCEAL COCK / VALVE AS PER REQUIRED -SANITARY WARE WASH BASIN / EUROPEAN AS PER REQUIRED -UNDER GROUND TANK -OVER HEAD TANK :- PVC
	ELECTRIFICATION :-	-CANCELS ISI WALL WEARING ETC -MODULER SWITCHES 5 AMP /15AMP -PLUG POINT 5 AMP /15AMP
	STAIR CASE :-	-S.S RAILING / MS RAILING IN OPEN STAIR
	COMPOUND WALL :-	- ALL FOUR SIDE COMPOUND WALL IN BLOCK / BRICK MASONARY
	COURT YARD :-	- C.C. FLOORING

SHEET NO - 19 / 20

REVISED PLAN SHOWING PROPOSED RESIDENTIAL BUILDING ON PLOT NO.- 235 TO 243, AMALGAMATED R.S.NO- 548 / PAIKY-1, (550/1,550/2,549/P-1,548/P-1) AT VILL. VARSAMEDI, TAL- ANJAR- KUTCH.

AREA STATEMENT

SR NO	DESCRIPTION	SMT
1	PLOT AREA EACH	124.98 SQ.MT.
2	PERMISSIBLE COVERED AREA (1.20 F.S.I) EACH	149.976 SQ.MT.
3	PROPOSED COVERED AREA ON G.F EACH 64.17 %	80.205 SQ.MT.
4	PROPOSED COVERED AREA ON F.F EACH 0.5526	69.517 SQ.MT.
5	F.S.I CONSUMED EACH 1.194	149.722 SQ.MT.
6	ALLOWABLE FRONT SETBACK EACH	3.05 MTR.
7	ALLOWABLE REAR SETBACK EACH	1.52 MTR.
8	ALLOWABLE SIDE SETBACK EACH	N.A.

STAIRCASE DETAIL

SR NO	DESCRIPTION	SMT
1	WIDTH OF FLIGHT	1.00 MT.
2	WIDTH OF TREAD	0.25 MT.
3	HEIGHT OF RISER	0.188MT.
4	HEIGHT OF HAND RAIL	0.90 MT.
5	NOS OF THE STEPS	17NOS.

COLOURE NOTE

PLOT BOUNDARY SHOWN IN BLACK	
PROPOSED COVERED AREA SHOWN IN RED	
DRAINAGE LINE SHOWN IN RED DOTTED	
WATER SUPPLY LINE SHOWN IN BLACK DOTTED	
EXISTING ROAD SHOWN IN GREEN	

SCHEDULE FOR DOORS & WINDOWS

S.R. NO.	TYPE	SIZE	LINTEL	SILL	DESCRIPTOIN
1	D/W	2.13 X 2.10	2.10	-	FULLY T.W. PANN DOORS
2	D	1.22 X 2.10	2.10	-	FULLY T.W. PANN DOORS
3	D1	0.90 X 2.10	2.10	-	FULLY T.W. PANN DOORS
4	D2	0.75 X 2.10	2.10	-	FULLY T.W. PANN DOORS
5	W	1.83 X 1.50	2.10	0.90	FULLY GLAZED WINDOW
6	W1	1.43 X 0.90	2.10	0.90	FULLY GLAZED WINDOW
7	V	0.90 X 0.50	2.10	1.60	GLAZED LOUVERED VENTILATOR
8	V1	1.83 X 0.50	2.10		GLAZED LOUVERED VENTILATOR
9					

NOTE

* MINIMUM CRUSHING STRENGTH OF MASONARY UNIT 50 Kg/Cmt
* STRENGTHING AROUND OF OPENING BE PROVIDED ASPER IS 4326:1993.

V- CERTIFICATE

Existing Structure and adjoining property is seen by me and necessary precaution will be taken for smooth working without any damage to existing work Manhole connection is possible and verified by me. certified that the plot under reference was surveyed by me on 14-02-2019 and the dimensions of sides etc of plot state on plan area as measure on site and the area so worked out tallies with the area stated in document of ownership / Architect / Engineer singnature.

SUNIL GUPTA (B.Tech)
Reg. Engineer GDA Reg. No. 157
Date : 15-10-01 Ph.: 9824214364
Plot No. 368, Ward 3/B, Adipur

OWNER.

For RAJVI ESTATE LLP
DESIGNATED PARTNER
DHAVAL B. ACHARYA FOR
RAJVI ESTATE LLP

ENGINEER.

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Engineer GDA Reg. No.157 Dt.15-10-01
Structural Designer GDA Reg. No. 19 Dt. 7-9-01
Site Supervisor GDA Reg. No. 21 Dt. 10-10-01
Ph.: 9824214364 Plot No. 368, Ward 3/B, Adipur

STRUCTURE ENGINEER.

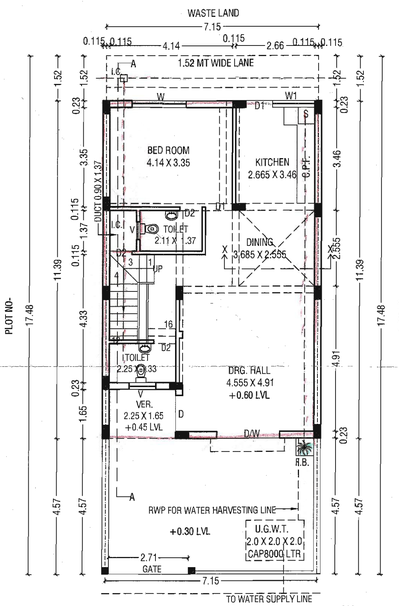
SUNIL GUPTA (B. Tech.)
Reg. Structural Designer
GDA Reg. No. 19 Date : 7-9-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM

SITE SUPERVISOR.

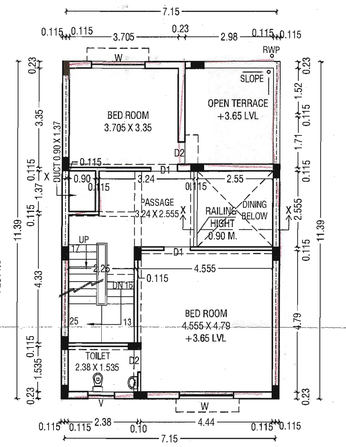
SUNIL GUPTA (B. Tech.)
Reg. Site Supervisor
GDA Reg. No. 21, Date: 10-10-01
Ph. No.: 9824214364
D-62, Shaktinnagar, GIM.

AUTHORITY

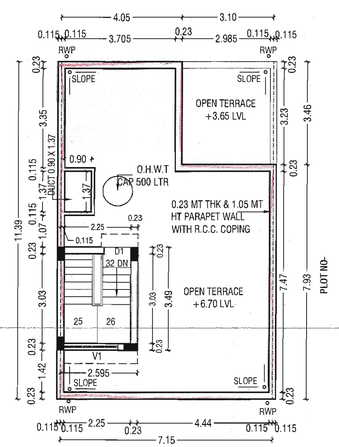
Permission No.: 48842/R
Date : 25-6-19
Secretary G.D.A.



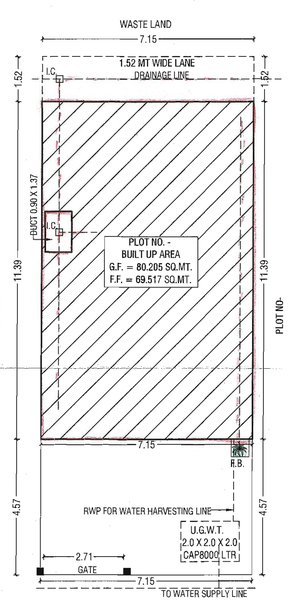
TYPICAL GROUND FLOOR PLAN
SCALE = 1:100



TYPICAL FIRST FLOOR PLAN
SCALE = 1:100



TYPICAL TERRACE PLAN
SCALE = 1:100



TYPICAL SITE PLAN
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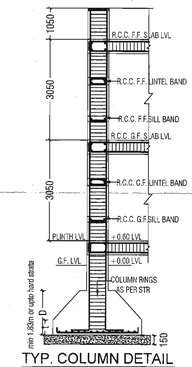
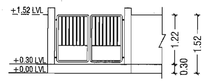


TYP. COLUMN DETAIL
(SCALE :- N.T.S.)



TYP. COMPOUND WALL & GATE ELEVATION
(SCALE =N.T.S)

RAJVI ESTATE LLP

LLP NO : AAD-3492

Regd. Office:- **PLOT NO-268,**
WARD-12/B,
Nr. Bhaipratap circle,
GANDHIDHAM
KUTCH-370201.

To,
The Officer,
GUJRERA Department
Gandhinagar

Respected Sir,

Sub: For query in Building Plan Sheets
Ref : Project Name - Rajvi Residency Phase 2

Please Consider Plot Number wise building plan rather than sheet wise. There is some error in allotment of sheet number so Consider only plot wise building plans.

Please do needful and oblige.

CERTIFIED TO BE TRUE,
For, RAJVI ESTATE LLP

DHAVALBHAI ACHARYA
PARTNER