C.N.O. 332/2017-18

PRO. TERRACE FLOOR PLAN

PRO. GROUND FLOOR PLAN

PRO. TYPICAL FIRST, SECOND, THIRD AND FOURTH FLOOR PLAN

LEFT SIDE ELEVATION

DETS. OF FOOTING

SECTION Y-Y

BOUNDRY WALL DETAIL

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	SILL	REQ.
01.	D1	SINGLE LEAF F. DOOR	1.05	2.10		
02.	D2	SINGLE LEAF F. DOOR	0.90	2.10		
03.	D3	SINGLE LEAF F. DOOR	0.75	2.10		
04.	D	DOUBLE LEAF F. DOOR	1.80	2.10		
05.	W	GLAZED SIDE HUNG	1.80	1.80	0.75	
06.	W0	GLAZED SIDE HUNG	1.50	1.35	0.75	
07.	W1	GLAZED SIDE HUNG	1.35	1.35	0.75	
08.	W2	GLAZED SIDE HUNG	0.90	1.35	0.75	
09.	W3	GLAZED SIDE HUNG	0.90	1.20	0.90	
10.	W4	GLAZED SIDE HUNG	0.60	0.60	1.50	
11.	V	GLAZED SIDE HUNG	0.30	0.30	2.55	
12.	SW	GLAZED PART FIXED P. OPEN	0.60	7.00		

SPECIFICATION

1. FOUNDATION :- R.C.C. SPRED PILLER FOUNDATION.
2. SUPERSTRUCTURE :- 1st CLASS BRICK WORK IN (1:6) CMENT PLEASTER.
3. FLOORING :- .025 TH. MOSAIC FLOORING OVER
   0.10 TH. DRY RAMMED KHOA OVER
   0.075 TH. BRICK FLAT SOLING OVER SAND FILLING.
4. LINTEL :- R.C.C. LINTEL AS PER DESIGN.
5. ROOF :- 0.13 TH. R.C.C. ROOF SLAB.
6. PLASTER :- 0.0125 TH. CEMENT PLASTER
7. FINISHING :- TWO COATS OF CEM. WASH.

AREA CALCULATION :

PLOT AREA AS PER DEED = (i) 3 ACRE 74 DISMIL 9 KARI
(ii) 1 ACRE 88 DISMIL 0 KARI
(iii) 1 ACRE 55 DISMIL 7 KARI

PLOT AREA AS PER SITE = 4.312 ACRE
GROUND FLOOR BUILT UP AREA (TOWER) = 17.51 SMT
1ST, 2ND, 3RD AND 4TH FL. TOTAL B-U-A (TOWER) = 4X458.17 SMT
F.A.R. = 0.24 TOTAL B-U-A (EXISTING AND PROPOSED) = 4232.55
NET PLOT AREA = 17458.98
BUILT UP AREA FOR PASSING = 2010.43 SQM
COVERD AND OPEN PARKING AREA PROVIDED = 1083 SQM
AREA LEFT FOR GREEN SPACE (> 5 %) = 249.40 SQM

BOUNDARY

NORTH :- KRISHNACHAND, DEVNATH AND SADAN YADAV. EAST :- RAILWAY LINE. WEST :- NH-131A. SOUTH :- SANDHYA RANI AND 1650

SITE PLAN, FLOOR PLANS, SECTION (A-A), ELEVATION, SEPTIC TANK DETAIL & FOUNDATION

SEPTIC TANK CALCULATION

TOTAL NOS. OF OCCUPANTS = 223
TAKES 50% EXTRA PERSON. TOTAL NOS. OF POPULATION = (335)
REQUIRED WATER SUPPLY = 223 PERSON @ 135 LT./PERSON / DAY.
335 PERSONS X 135 LITER = 45225 LITERS. REQUIRED CAPACITY OF WATER TANK = 45.225 CUM.
PROVISION FOR WATER TANK (ASSUMING 2 TIME REFELLING PER DAY).
TANK PROVIDED - 10X10000 Lt = 100.00 CUM

WATER SUPPLY CALCULATION :

TOTAL NOS. OF OCCUPANTS = 223
TAKES 50% EXTRA PERSON. TOTAL NOS. OF POPULATION = (335)
REQUIRED WATER SUPPLY = 223 PERSON @ 135 LT./PERSON / DAY.
335 PERSONS X 135 LITER = 45225 LITERS. REQUIRED CAPACITY OF WATER TANK = 45.225 CUM.
PROVISION FOR WATER TANK (ASSUMING 2 TIME REFELLING PER DAY).
TANK PROVIDED - 10X10000 Lt = 100.00 CUM
PROVIDED OF SEPTIC TANK 5.48 X 2.40 X 2.70 = 31.60 CUM
THUS, 2 NO. SEPTIC TANK REQUIRED

PROPOSED (LIG) GROUP HOUSING BUILDING FOR MR. JAGAT CHANDRA SARKAR , KHATA NO. CS - 245, 148, 467, CS KHESRA NO. - 1082, 1545, 1546, 1550, 1531, 1540,1541, 1542, 1549 SITUATED AT MAUJA BELAURI, THANA - SADAR,RAKWA- 4.312 ACRE, HOLDING NO. - 360

SHEET NO : -- 01 | SCALE - 1: 10, 1:100, 1:200 & 1:500

SIGNATURE OF OWNER

प्रमाणित किया जाता है कि यह भवन उपविधि 2014 के अनुरूप है।

REGISTERED ARCHITECT
SIGNATURE OF ARCHITECT
SANDEEP KUMAR
AR-02/2015
NAGAR NIGAM, PURNIA

Er. K. K. Das
B. Sc. Engg. (Civil)
The Institution of Engineers (India)
Govt. Regd., Nagar Nigam, Purnia
Reg. No.-14/2015

कनीय अभियंता
नगर निगम, पूर्णियाँ

Municipal Commissioner
Municipal Corporation
Purnea

LOCATION PLAN

NOT TO THE SCALE

NORTH

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 50,000 LTRS— 50,000 LTRS
06.O.H.W.TANK FOR FIRE FIGHTING ——— 20,000 LTRS
07.INDICATOR PANEL
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER — CO2/DCP
12.FIRE RESISTANT DOOR — F.D.
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER INSTALLATION

SECTION AT XX

CAMPUS / SITE PLAN

PLAN OF SEPTIC TANK AND SOAK PIT

DETAIL OF DESILTING CHAMBER

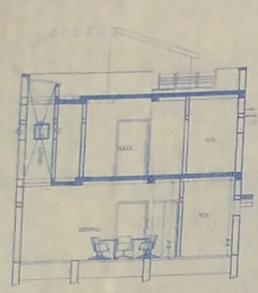
DETAILS OF FILTER BED

RAIN WATER HARWESTING DETAIL

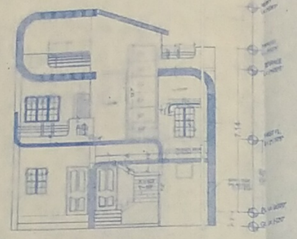
The Owner/Builder Shall in on case deviate form the sanctioned plan for the construction, if any deviation is found during the construction or at any time, the entire structure will be treated as unauthorized and owner/builder will be liable for legal action. The owner will keep a copy of sanctioned plan at the site during construction.

*NOTE:
* DIMENTION READ NOT MESURED
* DIMENTION ARE IN MM AND FEET BOTH.

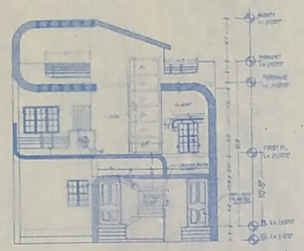
C.Nr. 380 17-18



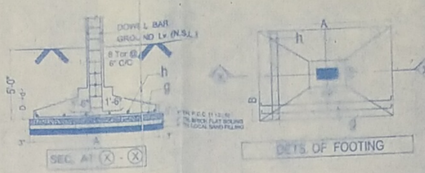
SECTIONAL DETAIL AT - A'A'

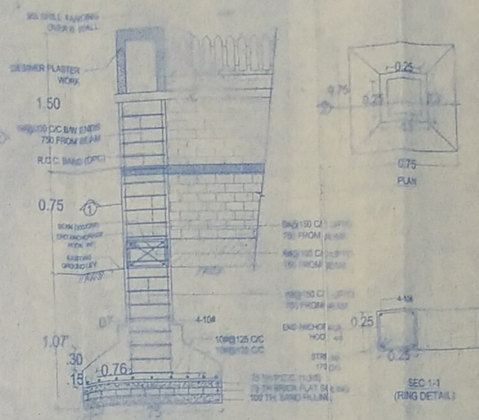


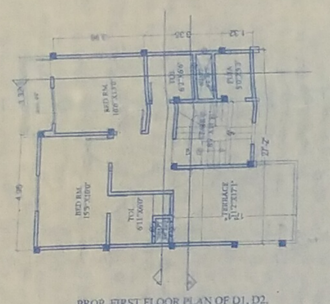
FRONT ELEVATION/ DET AIL



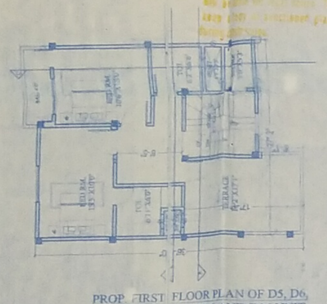
FRONT ELEVATION/ DETAIL



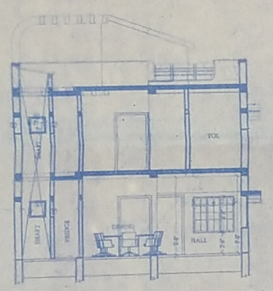




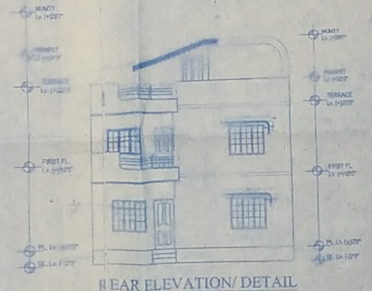
PROP. FIRST FLOOR PLAN OF D1, D2, D3, D4, D9, D10, D11 AND D12 UNIT



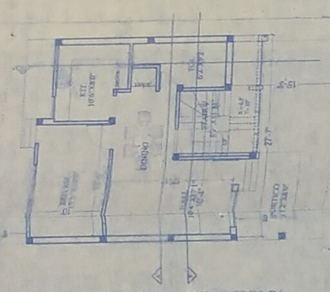
PROP. FIRST FLOOR PLAN OF D5, D6, D7, D8, D13, D14, D15 AND D16 UNIT



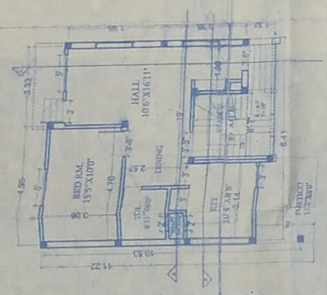
SECTIONAL DETAIL AT - AA



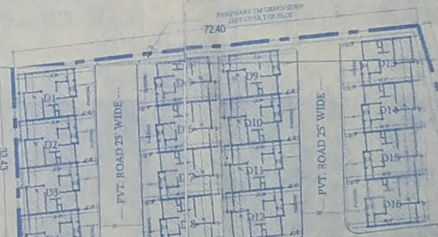
REAR ELEVATION/ DETAIL

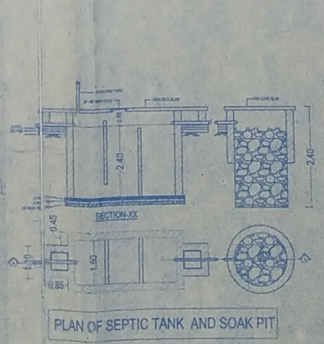


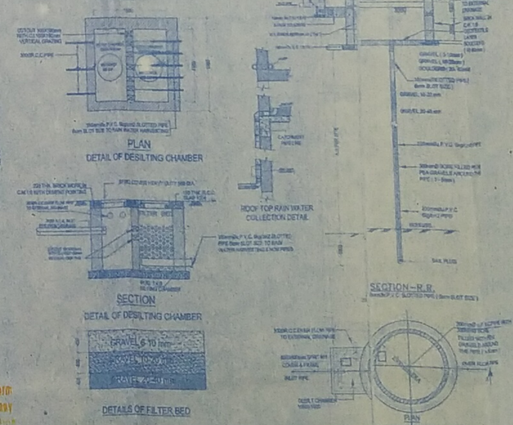
PROP. GROUND FLOOR PLAN OF D5, D6, D7, D8, D13, D14, D15 AND D16 UNIT

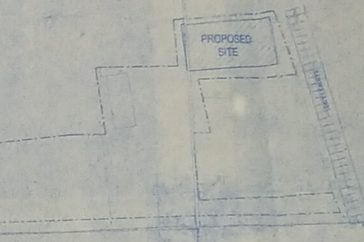


PROP. GROUND FLOOR PLAN OF D1, D2, D3, D4, D9, D10, D11 AND D12 UNIT









LOCATION PLAN

NOT TO THE SCALE

NORTH

SCHEDULE OF DOORS & WINDOWS

SL NO	TYPE	DESCRIPTION	WIDTH	HEIGHT	SILL	REQ.
01.	D1	SINGLE LEAF F. DOOR	1.05	2.10		
02.	D2	SINGLE LEAF F. DOOR	0.90	2.10		
03.	D3	SINGLE LEAF F. DOOR	0.75	2.10		
04.	D	DOUBLE LEAF F. DOOR	1.80	2.10		
05.	W	GLAZED SIDE HUNG	1.80	1.80	0.75	
06.	W2	GLAZED SIDE HUNG	1.50	1.35	0.75	
07.	W1	GLAZED SIDE HUNG	1.35	1.35	0.75	
08.	W2	GLAZED SIDE HUNG	0.90	1.35	0.75	
09.	W3	GLAZED SIDE HUNG	0.90	1.20	0.90	
09.	W4	GLAZED SIDE HUNG	0.60	0.60	1.50	
10.	V	GLAZED SIDE HUNG	0.30	0.30	2.55	
11.	SW	GLAZED PART FIXED P. OPEN	0.60	7.00		

SPECIFICATION :-

1. FOUNDATION :- R.C.C. SPRED PILLER FOUNDATION.
2. SUPERSTRUCTURE :- 1st. CLASS BRICK WORK IN (1:6) CMENT PLASTER.
3. FLOORING :- 225 TH. MOSAIC FLOORING OVER.
   0.10 TH. DRY RAMMED KHOA OVER.
   0.075 TH. BRICK FLAT SOLING OVER SAND FILLING.
4. LINTEL :- R.C.C. LINTEL AS PER DESIGN.
5. ROOF :- 0.10 TH. R.C.C. ROOF SLAB.
6. PLASTER :- 0.0125 TH. CEMENT PLASTER.
7. FINISHING :- TWO COATS OF CEM. WASH.

AREA CALCULATION :-

PLOT AREA AS PER DEED = (i) 3 ACRE 74 DISMIL 9 KARI
(ii) 1 ACRE 88 DISMIL 0 KARI
(iii) 1 ACRE 55 DISMIL 1 KARI
= 4.312 ACRE.

PLOT AREA AS PER SITE

GROUND FLOOR TOTAL BUILT UP AREA (DUPLEX) = 16X70.20 SMT
FIRST FLOOR TOTAL BUILT UP AREA (DUPLEX) = 16X68.69 SMT
F.A.R. = 0.12 TOTAL BUILT UP AREA = 2222.24
NET PLOT AREA = 17458.58

BUILT UP AREA FOR PASSING = 2222.24 SQM
EACH UNIT PARKING AREA PROVIDED = 16X 34.5 = 551.4 SQM
AREA LEFT FOR GREEN SPACE (> 5 %) = 160.49 SQM

BOUNDARY :-
NORTH :- KRISHNACHAND, DEVNATH AND SADAN YADAV, EAST :- RAILWAY LINE, WEST :- NH-131A, SOUTH :- SANDHYA RANI

SITE PLAN, FLOOR PLANS, SECTION (A-A), ELEVATION, SEPTIC TANK DETAIL & FOUNDATION

SEPTIC TANK CALCULATION :-

TOTAL NOS. OF OCCUPANTS = 223
TAKES 50% EXTRA, PERSON USED CAPACITY OF S. TANK=0.085 CUM./HEAD/DAY
SO, 0.085 X (223 +112) = 28.47 CUM. REQUIRED
PROVIDED OF SEPTIC TANK 5.48 X 2.40 X 2.70 = 31.60 CUM.
THUS, 2 NO. SEPTIC TANK REQUIRED

WATER SUPPLY CALCULATION :-

TOTAL NOS. OF OCCUPANTS = 223
TAKES 50% EXTRA, PERSON. TOTAL NOS. OF POPULATION = (456+228)
REQUIRED WATER SUPPLY = 223 PERSON @ 135 LT./PERSON / DAY.
223 PERSONS X 135 LITER = 30105 LITERS. REQUIRED CAPACITY OF WATER TANK = 30.105 CUM.
PROVISION FOR WATER TANK (ASSUMING 2 TIME REFELLING PER DAY)
TANK PROVIDED - 10X10000 Lt = 100.00 CUM.

PROPOSED RESIDENTIAL (ROW HOUSING) BUILDING FOR MR. JAGAT CHANDRA SARKAR , KHATA NO. CS - 245, 148, 467, CS KHESRA NO. - 1082, 1545, 1546, 1550, 1531, 1540,1541, 1542, 1549 SITUATED AT MAUJA BELAURI, THANA - SADAR,RAKWA- 4.312 ACRE, HOLDING NO. - 360

SHEET NO : – 01 | SCALE - 1: 10, 1:100, 1:200 & 1:500

Jagat Chandra Sarkar
SIGNATURE OF OWNER

प्रमाणित किया जाता है कि यह मान चित्र भूमि उपयोग, 2014 के अनुरूप है।

SIGNATURE OF ARCHITECT

REGISTERED ARCHITECT
SANDEEP KUMAR
AR-02/2015
NAGAR NIGAM, PURNIA

कनीय अभियंता
नगर निगम, पूर्णियाँ

Er. K. K. Das
B. Sc. Enggi (Civil)
The Institution of Engineers (India)
Govt. Regd., Nagar Nigam, Purnia
Reg. No.-14/2015

Municipal Commissioner
Municipal Corporation
Purnea

The Owner/Builder shall in no case deviate form the sanctioned plan for the construction. If any deviation is found during the construction or at any time, the entire structure will be treated as unauthorised and demolished with penalty. The owner will keep a copy of sanctioned plan at the site during construction.