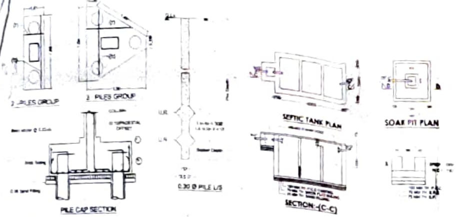
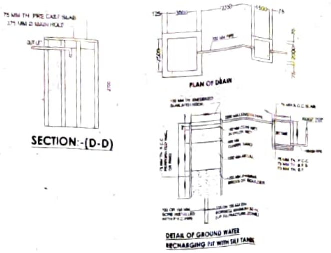
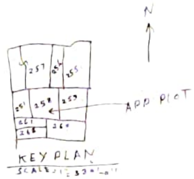


DETAIL OF FOUNDATION





LOCATION PLAN

AREA CALCULATION

TOTAL PLOT AREA AS PER DOCUMENT	[illegible] sqm
AS PER MEASUREMENT	[illegible] sqm
AREA AS PER MEASUREMENT	1240.0[illegible] sqm
NET PLOT AREA	[illegible] sqm
GROUND FLOOR BUILT UP AREA	534.[illegible] sqm
FIRST FLOOR BUILT UP AREA	641.[illegible] sqm
SECOND FLOOR BUILT UP AREA	641.[illegible] sqm
THIRD FLOOR BUILT UP AREA	
TOTAL BUILT UP AREA	1918.17 sqm
F.A.R. ACHIEVED	1.55

PARKING CALCULATION

TOTAL BUILT UP AREA	1918.17 sqm
25% TOTAL BUILT UP AREA = 1918.17 x 25%	479.54 sqm
AREA REQUIRED FOR PARKING	497.54 sqm
AREA PROVIDED FOR PARKING ON GROUND FLOOR	491.3[illegible] sqm
TOTAL AREA PROVIDED FOR PARKING	491.3[illegible] sqm

WATER SUPPLY CALCULATION

TOTAL NO. OF UNITS	27 no.
TOTAL NO. OF PERSONS (@ 27 X 6)	162 no.
ONE PERSON REQU. WATER - 135 LTR./DAY	21870 lt per day
TOTAL REQU. WATER 162 X 135 LTR./DAY	21.87 cu.m
VOLUME OF WATER TANK PROVIDED	5.44 x 2.29 x [illegible]
TOTAL VOL. OF WATER TANK PROVIDED	22.42 cu.m
OVERHEAD WATER TANK FOR FIRE FIGHTING	
VOLUME OF WATER TANK PROVIDED	5.32 x 1.52 x [illegible] 11.900 Lt.

RAIN WATER HARVESTING CALCULATION

REQUIRED 6 cum RECHARGING PIT TRENCH VOLUME PER 100 SQM OF TERRACE AREA
SO, TERRACE AREA = 650.67 SQM
NEEDED VOLUME OF RECHARGING PIT = 650.67 /100 X 6 = 39.04 CUM
PROVIDED VOLUME OF RECHARGING PIT = 6.00 X [illegible] X 2.50 = 45.00 CUM

SCHEDULE OF DOORS & WINDOWS

SL.NO	TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
1	D	[illegible]	2.29	0.0	2.29	FLUSH DOOR
2	D1	[illegible]	2.29	0.0	2.29	FLUSH DOOR
3	D2	[illegible]	2.29	0.0	2.29	FLUSH DOOR
4	D3	0.76	2.29	0.0	2.29	FLUSH DOOR
5	W	1.83	1.38	0.91	2.29	FULLY GLAZED
6	W1	1.37	1.38	0.91	2.29	FULLY GLAZED
7	W2	1.21	AS PER ELEVATION	AS PER ELEVATION		FULLY GLAZED
8	W3	1.20	1.38	0.91	2.29	FULLY GLAZED
9	W4	0.91	0.91	1.37	2.29	FULLY GLAZED LOUVER
10	W5	0.61	0.91	1.37	2.29	FULLY GLAZED LOUVER
11	DW	3.12	1.38	0.91	2.29	FULLY GLAZED
12	SD	1.83	2.29	0.0	2.29	FULLY GLAZED

SPECIFICATION

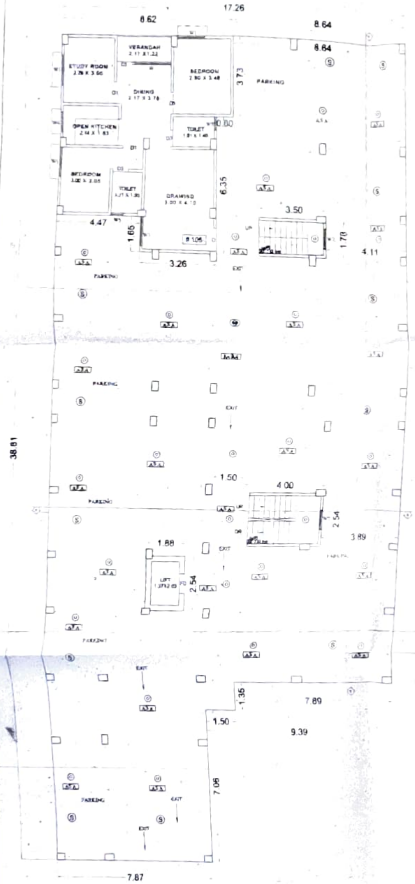
1. R.C.C UNDER REAMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
4. 0.05 I.P.S. FLOORING OVER 0.75 DRY RAMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING.
5. 0.050 TH D.P.C. ON P.L. ALL ROUND THE BUILDING.
6. 0.110 TH LIME CONCRETE OVER 0.100TH R.C.C. SLAB.
7. 0.15 TH. R.C.C. BAND AT DOORS & WINDOWS OPENINGS.
8. 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
9. WHITE & COLOUR WASH AS PER CHOICE.

FIRE LEGEND

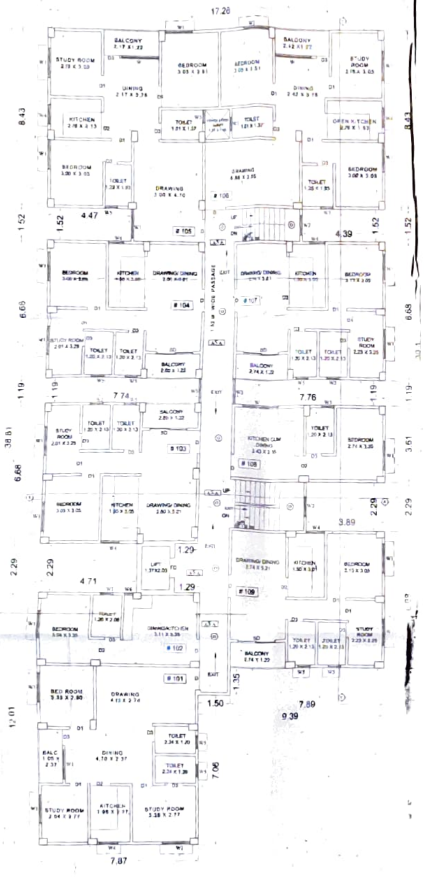
1. HYDRANT LAYOUT VALVE WET
2. HOSE REEL
3. BRANCH CONNECTION FOR FIRE BRIGDE USE TO THE WET RISING SYSTEM
4. MANUAL CALL POINT (1.5KG.5)
5. INDICATER PANEL
6. AREA COVERAGE BY SMOKE DETECTORS
7. FIRE ALARM CALL POINT
8. AUDIABLE WARNING DEVICE
9. FIRE EXTINGUISHER
10. SPRINKLERS
11. OVER HEAD WATER TANK
12. UNDER GROUND WATER TANK WITH AUTOMATIC REFILLING ARRANGEMENT
13. F.R. DOOR
14. MIC. ROPHONE CONNECTION
15. LOUDSPEAKER OUT LET
16. LIGHTING POINT CONNECTED TO AN EMERGENCY SYSTEM
17. GROUND HYDRANT

SEPTIC TANK CALCULATION

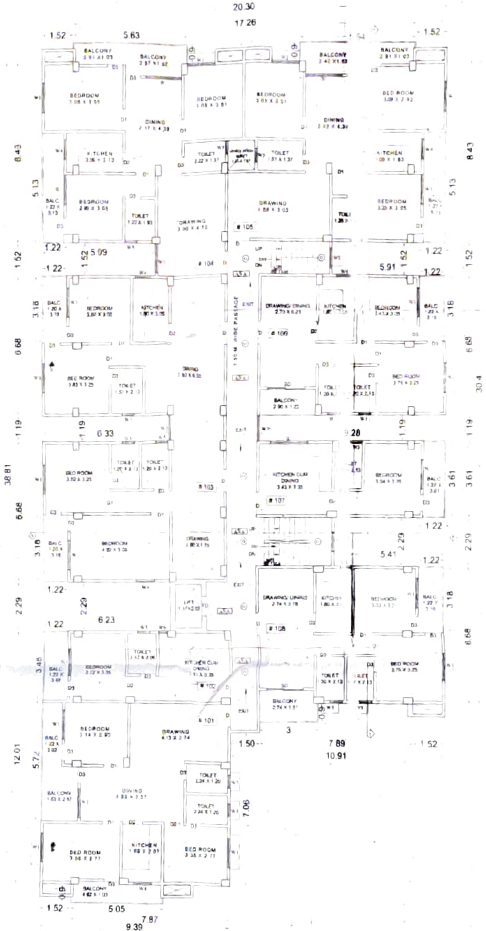
TOTAL NO. OF UNITS	27 nos.
TOTAL NO. OF PERSONS = 6 X 27 PERSONS	162 nos.
ONE PERSON REQU. VOLUME =	0.085 CU.M./DAY
TOTAL REQU. VOLUME = 162 X 0.085 =	13.77 CU.M./DAY
PROVIDED VOLUME OF SEPTIC TANK =	4.00x2.00x(1.70+0.30)
VOLUME OF SEPTIC TANK PROVIDED	16.00 cu. m.



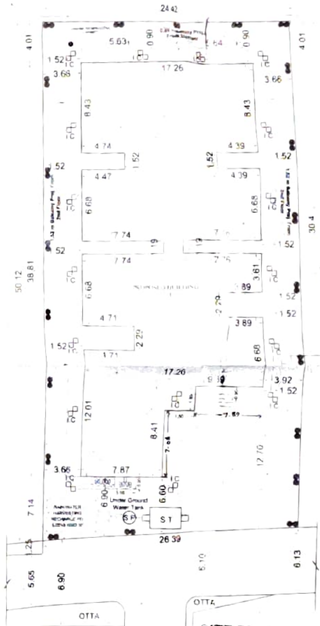
GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECOND & THIRD FLOOR PLAN



SITE PLAN

(1:200)

PLOT DETAILS .

PROPOSED RESIDENTIAL BUILDING FOR
SRI BHOLA PRASAD SINGH,
S/O- LATE BANSHI PRASAD SINGH,
AT KHESRA PLOT NO. 258
KHATA NO- 54, MAUZA - JAGANPURA,
THANA - RAMKRISHNA NAGAR
THANA NO. 26, RAMKRISHANA NAGAR,PATNA

NORTH	SCALE	DRG NO
	1:100 1:200	01/02

Blsingh

SIGN. OF OWNER

Er. Vijay Kumar
Structure Engineer
Lic. No.-SE/08/16/PMC

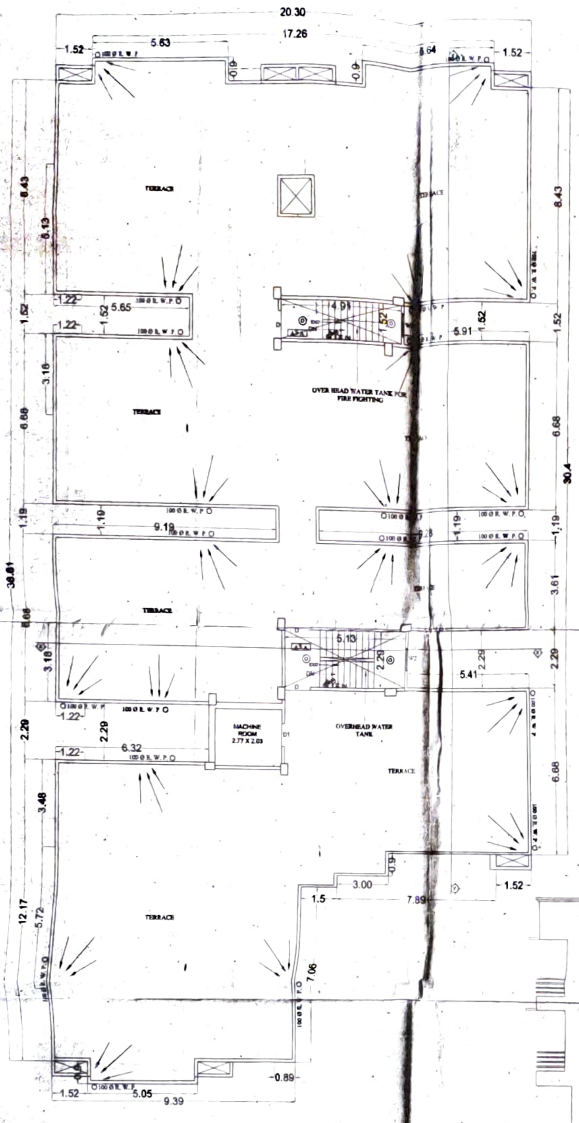
SIGN. OF ENGINEER / STRUCTURE ENGINEER

Anand

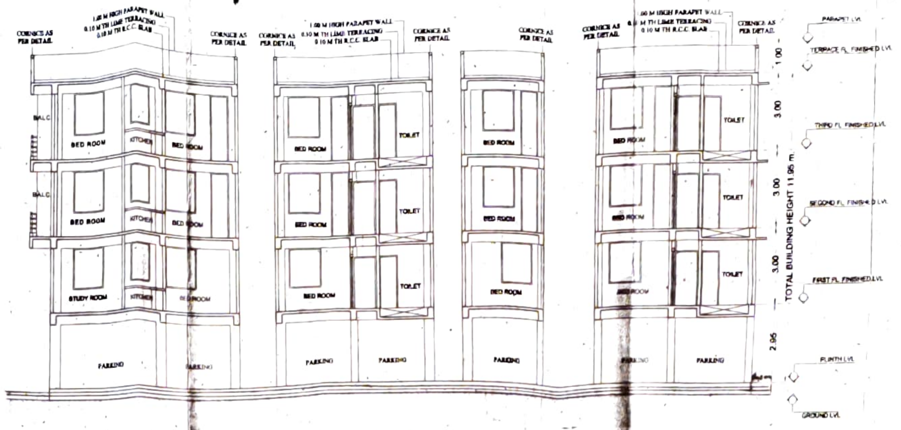
ANAND KUMAR
(EMPANELED ARCHITECT)
EMPANELMENT NO.-AR/10/15
PATNA MUNICIPAL CORPORATION

SIGN. OF ARCHITECT

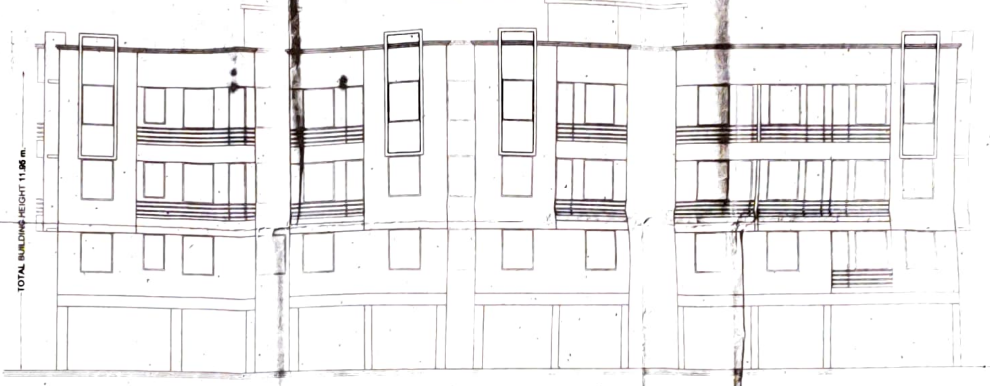
PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. P/Jagganpur PRJ- G+3/86/19
Sanction of Plan Accorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on 8/8/19
SANCTION OF PLAN ACCORDED
गुलाब
उप निदेशक
पटना नगर निगम



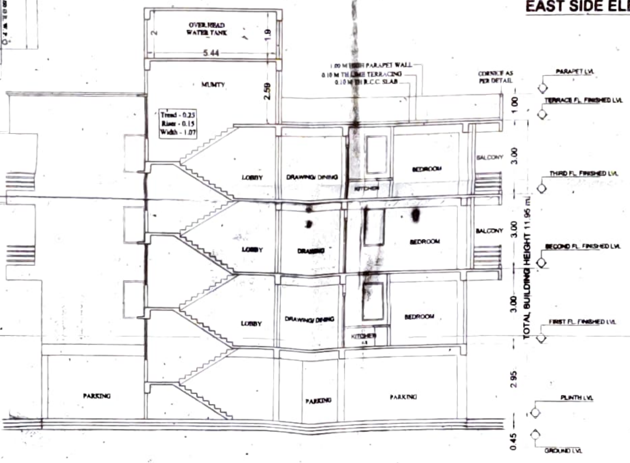
TERRACE FLOOR PLAN



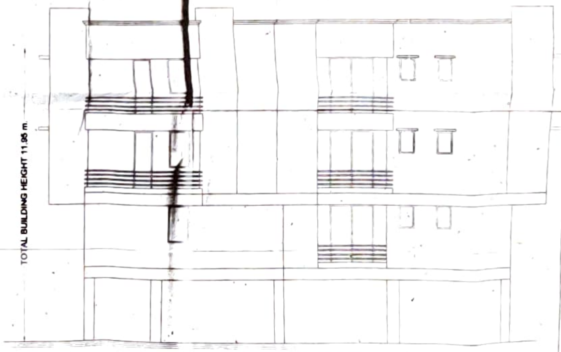
SECTION Y-Y



EAST SIDE ELEVATION



SECTION X-X



FRONT ELEVATION

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
1	D	1.07	2.29	0.0	2.29	FLUSH DOOR
2	D1	0.99	2.29	0.0	2.29	FLUSH DOOR
3	D2	0.91	2.29	0.0	2.29	FLUSH DOOR
4	DB	0.76	2.29	0.0	2.29	FLUSH DOOR
5	W	1.83	1.38	0.91	2.29	FULLY GLAZED
6	W1	1.37	1.38	0.91	2.29	FULLY GLAZED
7	W2	1.37	AS PER ELEVATION	AS PER ELEVATION		FULLY GLAZED
8	W3	1.20	1.38	0.91	2.29	FULLY GLAZED
9	W4	0.91	0.91	1.37	2.29	FULLY GLAZED LOUVER
10	W5	0.61	0.91	1.37	2.29	FULLY GLAZED LOUVER
11	GW	3.12	1.38	0.91	2.29	FULLY GLAZED
12	SD	1.83	2.29	0.0	2.29	FULLY GLAZED

SPECIFICATION

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2. 1ST CLASS BRICK WORK IN CEMENT MORTER(1:6) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
4. 0.03 I.P.S. FLOORING OVER 0.75 DRY RAMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING
5. 0.05THK D.P.C. ON P.L. ALL ROUND THE BUILDING
6. 0.110THK LIME CONCRETE OVER 0.100THK R.C.C. SLAB
7. 0.15 TH R.C.C. BAND AT DOORS & WINDOWS OPENINGS.
8. 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
9. WHITE & COLOUR WASH AS PER CHOICE

FIRE LEGEND

1. HYDRANT LAYOUT VALVE WET
2. HOSE REEL
3. SEAMESE CONNECTION FOR FIRE BRIDGE USE TO THE WET RISING SYSTEM
4. MANUAL CALL POINT (L.S.) [illegible]
5. INDICATOR PANEL
6. AREA COVERAGE BY SMOKE DETECTORS
7. FIRE ALARM CALL POINT.
8. AUDIABLE WARNING DEVICE
9. FIRE EXTINGUISHER
10. SPRINKLERS
11. OVER HEAD WATER TANK
12. UNDERGROUND WATER TANK WITH AUTOMATIC REFILLING ARRANGEMENT
13. F.R. DOOR
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17. GROUND HYDRANT

PLOT DETAILS

PROPOSED RESIDENTIAL BUILDING FOR
SRI BHO[illegible]A PRASAD SINGH,
S/O- LATE BANSHI PRASAD SINGH,
AT KHE[illegible]RA PLOT NO. 258,
KHATA NO- 54, MAUZA - JAGANPURA,
THANA - RAMKRISHNA NAGAR
THANA NO. 26, RAMKRISHANA NAGAR,PATNA

NORTH	SCALE	DRG.NO.
	1:100, 1:200	02/02

Bsingh

SIGN. OF OWNER

Er. Vijay Kumar
Structure Engineer
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PATNA MUNICIPAL CORPORATION
SIGN. OF ARCHITECT

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY BISS
P/[illegible]-PRY-GH3/86[illegible] 19
Sanction of Plan Accorded under Section 314, 315, 316 & 317 of the Bihar Municipal Act 2007
by the Municipal Commissioner, Patna in
Date - 8/8/19
SANCTION OF PLAN ACCORDED

[illegible] रब्बानी
उप निदेशक
पटना नगर निगम