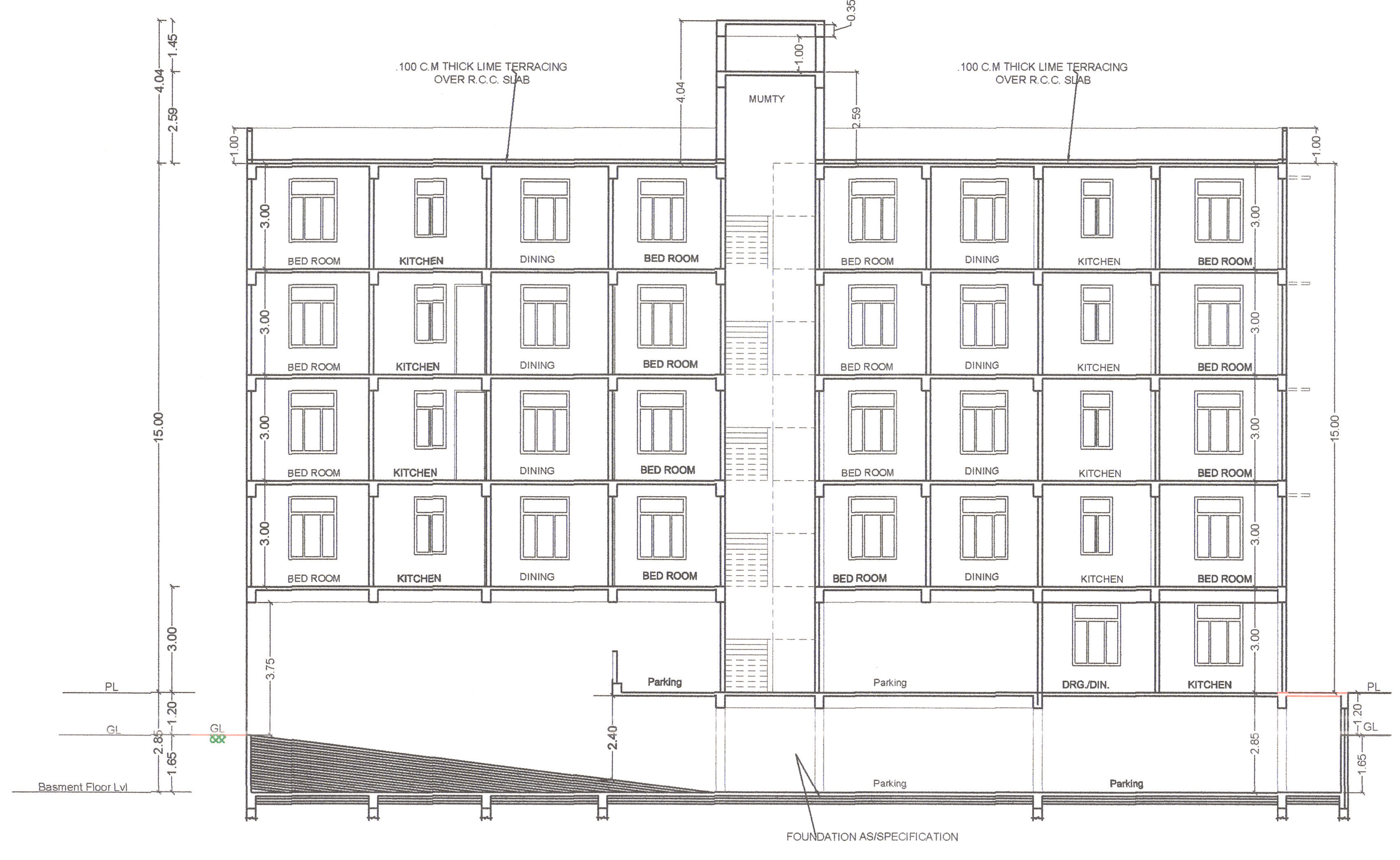

SECTION -Y-Y
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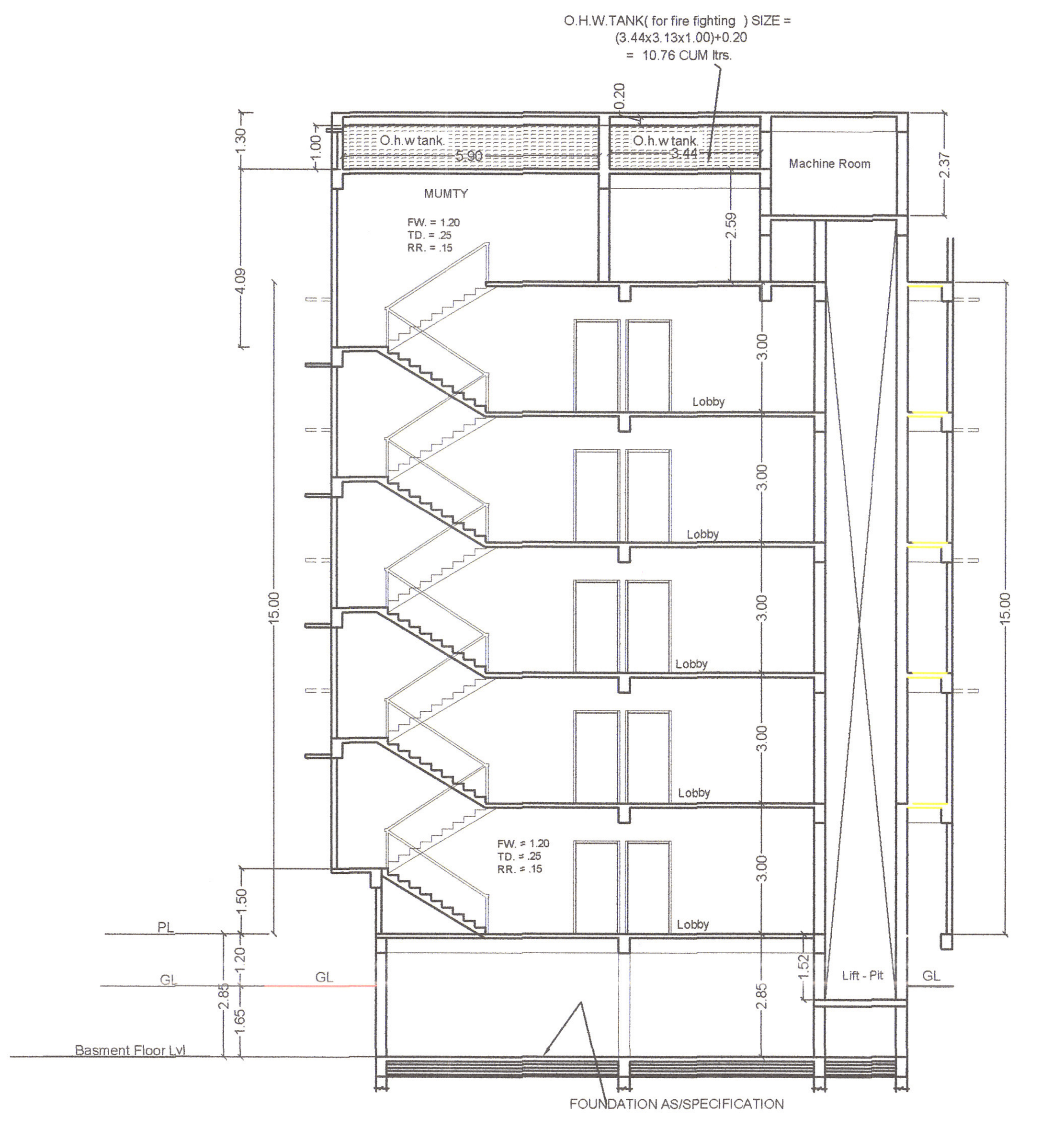


SECTION -X-X
Scale = 1:100

WATER TANK CALCULATION

TOTAL NOS OF FLAT = 18 NOS, ONE FLAT = 6 PERSON
TOTAL FLAT OF PERSON= 18X6 = 108 PERSON
ONE PERSON REQ. WATER =135 LTR /DAY
TOTAL WATER TANK REQ.=135X108 = 14580 LTR/DAY
TOTAL REQ. WATER TANK = 14580 LTR = 14.58 CUM
PROVIDED WATER TANK SIZE = 5.90 X2.55X1.00 =15.04 CUM,

SEPTIC TANK CALCULATION

TOTAL NOS OF FLAT =18 NOS, ONE FLAT = 6 PERSON
TOTAL FLAT OF PERSON= 18X6 =108 PERSON
ONE PERSON REQ. =0.085 /DAY
TOTAL SEPTIC TANK REQ.=0.085X108 = 9.18 /DAY
TOTAL REQ. SEPTIC TANK = 9.18CUM ,
PROV. SEPTIC TANK SIZE =4.50X2.00X1.50 =13.50 CUM,

PARKING CALCULATION

TOTAL BUILT UP /AREA = 1693.92 SQM
SERVICE AREA = 110.96 SQM (6.55 %<15%)
REQUIRED PARKING = 25% OF TOTAL B/U AREA - SERVICE AREA
=25% OF (1693.92 SQM - 110.96 SQM = 1582.96 SQM) = 395.74 SQM
PROVIDED PARKING ON BASEMENT = 357.07 SQM
PROVIDED PARKING ON GROUND FLOOR = 247.53 SQM
TOTAL PROVIDED PARKING = 357.07 + 247.53 SQM = 604.60 SQM

RECHARGE WELL CALCULATION

REQ. = $\frac{6}{100}$ X ROOF AREA = $\frac{6}{100}$ X 405.81 = 24.35 CUM ,
PROVIDED =2.70X2.70X3.44 = 25.08 CUM

GREEN AREA CALCULATION

REQ. PLANTATION NET PLOT AREA 10% = 731.78 = 73.18 SQM ,
PROVIDED PLANTATION AREA = 76.46 SQM

SPECIFICATION

1. R.C.C UNDER REAMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTAR(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. 0.050 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.

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	WIDTH	SILL.	HEIGHT	LINTEL	REMARKS
1.	D	1.06	0.00	2.13	2.13	
2.	D1	0.91	0.00	2.13	2.13	
3.	D2	0.76	0.00	2.13	2.13	
4.	W1	1.37	0.76	1.83	B.BOTTOM	
5.	W2	0.91	1.06	1.53	B.BOTTOM	
6.	W3	0.61	1.53	1.22	B.BOTTOM	

PROPOSED RESIDENTIAL BUILDING FOR
(1) SUDHANSHU SHEKHAR JAMUAR
S/O LATE BIRESHWAR PRASAD JAMUAR
(2) HIMANSHU SHEKHAR JAMUAR
S/O LATE BIRESHWAR PRASAD JAMUAR
(3) NILANSHU SHEKHAR JAMUAR
S/O LATE MITHILESHWAR PRASAD JAMUAR

MAUZA - MITHAPUR ,
MOH. - MITHAPUR-" B" AREA ,
PLOT NO - 37 ,KHATA - 34 , TAUZI NO.- 496
THANA - JAKKANPUR ,
THANA NO - 19 , DISTT - PATNA ,

DEVELOPER :
M/S DURGA HOME CONSTRUTION
PARTNER - SRI BACHCHA LAL ,
S/O LATE MAHAVIR GOPE ,
NIRMALSHREE APARTMENT
THANA - GARDANIBAGH, DIST PATNA

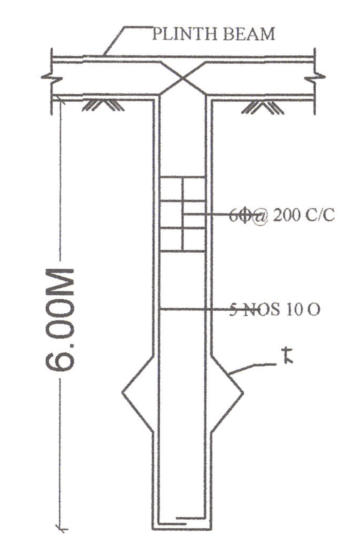
NORTH	SCALE	DRG.NO.
	1:100 1:200	01/01

FIRE LEGEND

		F.D.
1	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR	
2	UNDER GROUND WATER TANK	50000
3	WET RISING SYSTEM	
4	HOSE REAL AS PER I.S.S. T.A.C. RECOMMENDATION	
5	WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LTS. CAPACITY	
6	LOUD SPEAKER OUT LET FOR PUBLIC ADDRESS SYSTEM	
7	ALLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8	MANUAL CALL ALARM POINT	
9	EMERGENCY LIGHTING SYSTEM	
10	FIRE HYDRARNT	H
11	OVER HEAD WATER TANK FOR FIRE FIGHTING	10000
12	SEAMESE CONNECTION	
13	SPRINKLER	S
14	SMOKE DETECTOR	SM

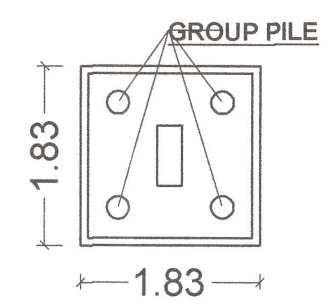
LEFT SIDE ELEVATION
Scale = 1:100

FRONT ELEVATION
Scale = 1:100



DET. PILE FOUNDATION

GROUP PILE



PLAN

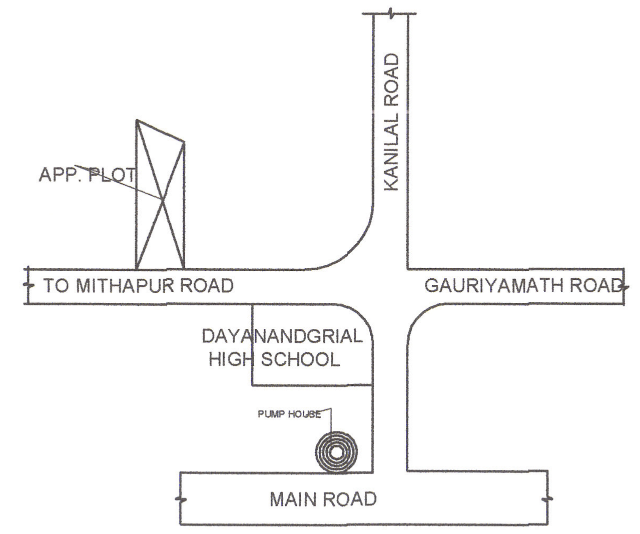
Pawan Kumar
PAWAN KUMAR
ARCHITECT
REG. No.-CA/2016/76991

SIGN. OF ARCHITECT

Durga Home Construction

SIGN. OF OWNER

SIGN. OF BUILDER



LOCATION PLAN
NOT TO SCALE

SERVICE AREA CALCULATION

SERVICE AREA ON BASEMENT	=	4.10 SQM
SERVICE AREA ON GROUND FLOOR	=	8.78 SQM
SERVICE AREA OF 1ST TO 4TH FLOOR = 24.52 X4	=	98.08 SQM
TOTAL SERVICE AREA	=	110.96 SQM

बिल्डर/प्रोमोटर/भू–स्वामी/संबंधित वास्तुविद/अभियंता को निर्देश दिया जाता है कि भवन के निर्माण तथा उपयोग में लाने के पूर्व आवासीय[illegible] में सुरक्षा की दृष्टि से, प्रवेश [illegible], लिफ्ट, पार्किंग प्रत्येक फ्लोर, [illegible] के साथ तथा अन्य वांछित महत्त्व[illegible] के C.C.T.V. कैमरा का अधिष्ठापन [illegible] अन्यथा संबंधित एक्ट एवं बाईलॉज के सुसंगत धाराओं के तहत् कारवाई किया जायेगा।

Terms & Conditions:-

1) STP of requisite capacity is to be installed in the campus by the Builder/Owner
2) Water Harvesting and Green area is to be maintained in the premises
3) Solar power is to be installed in the campus

PATNA MUNICIPAL CORPORATION
PATNA REGIONAL DEVELOPMENT AUTHORITY (DISSOLVED)
Case No. P/MITHAPUR/PRN-1B+G+4/396/2021 20
Sanction of Plan Accorded under Section 315, 316 & 317 of the Bihar Municipal Act 2007 by the Municipal Commissioner, Patna on
Date 24/03/2023
SANCTION OF PLAN ACCORDED

04/07/23
निदेशक
शहरी योजना
पटना नगर निगम, पटना
03/07/23

01/07/2023
शंभू कुमार
प्रधान प्रारुपक
शहरी योजना
पटना नगर निगम