B-4

This is to Certify that this building plan is prepared under building bye laws 2014 after land verification.

MANISH KR. PANKAJ [Certified Architect]
COA Reg. No.-CA/2013/58305
Empanelment No.-20/Arch/2015/NPDN
Nagar Parishad Danapur, Nizamat

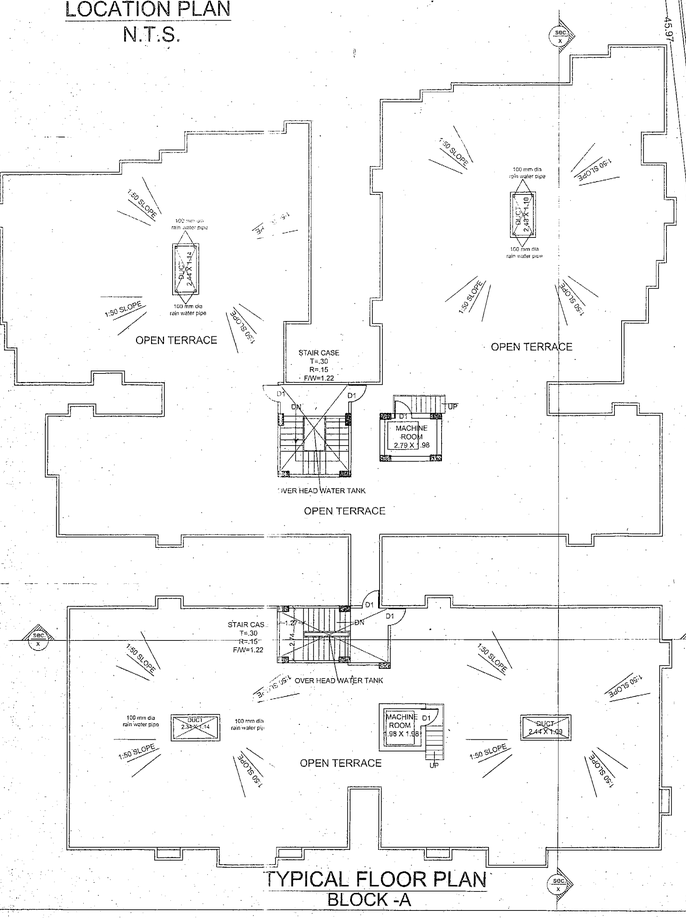
LEGEND FOR FIRE FIGHTING.

(1)UNDER GROUND WATER STATIC TANK FOR FIRE FIGHTING	- 100000
(2)WET RISING SYSTEM WITH FIRE HYDRANT	- W
(3)HOSE REEL	-
(4)ISI MARKED FIRE EXT.	- CO2/wco2
(5)YARD HYDRANT	- H
(6)AUTOMATIC SPRINKLER INSTALLATION	- S
(7)MANUAL CALL ALARM POINT	-
(8)F.R CHECK DOOR	- F.R.
(9)SEAMESE CONNECTION	- E
(10)EMERGENCY LIGHTING SYSTEM	-
(11)AUTOMATIC DEDUCTION & ALARM SYSTEM	- A
(12)FIRE RESISTANCE CHECK DOOR	- FD
(13) P.A SYSTEM	-
(14) ILLUMINATED EXIT SING	- EXIT

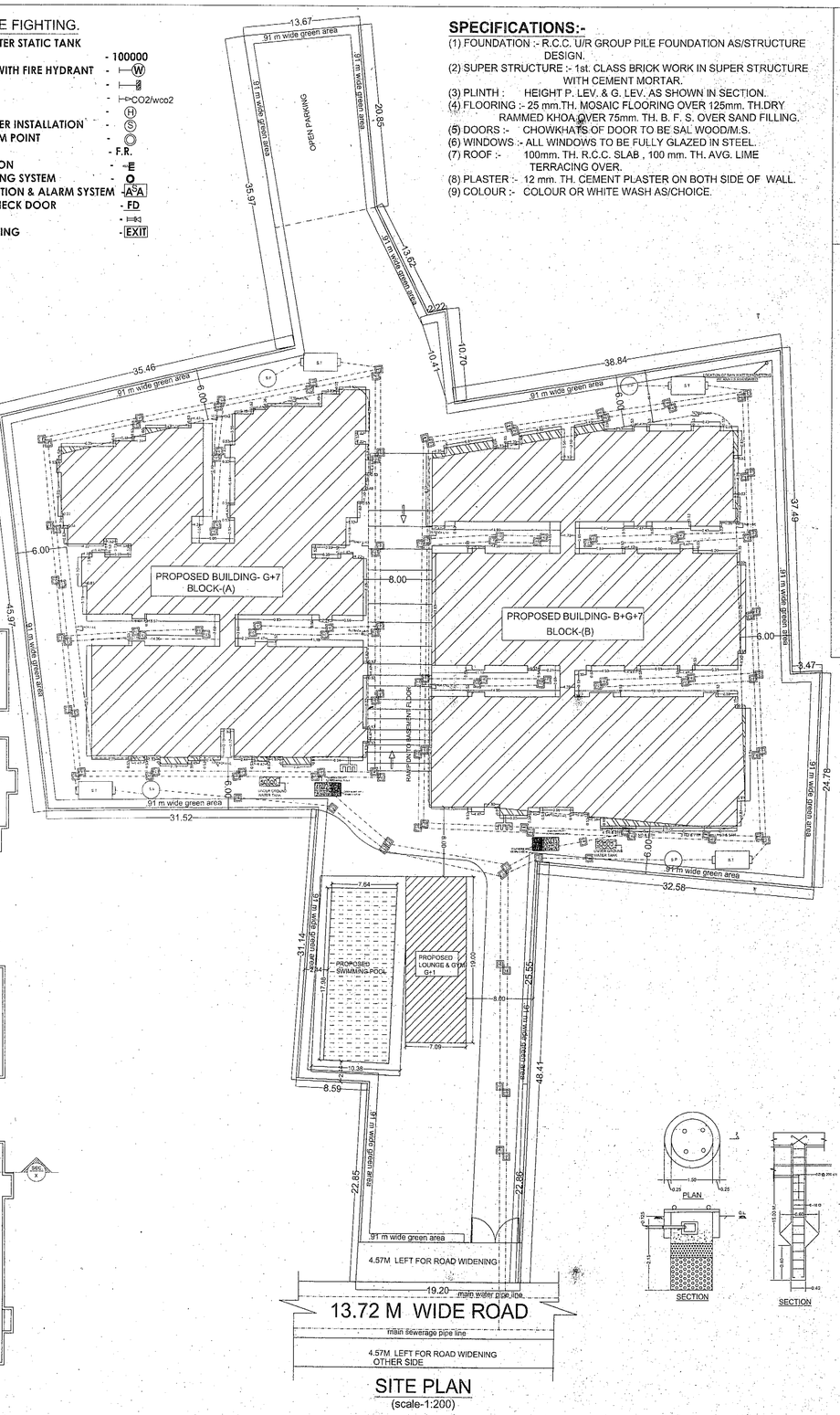
SPECIFICATIONS:-

(1) FOUNDATION :- R.C.C. U/R GROUP PILE FOUNDATION AS/STRUCTURE DESIGN.
(2) SUPER STRUCTURE :- 1st. CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR.
(3) PLINTH : HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION.
(4) FLOORING :- 25 mm.TH. MOSAIC FLOORING OVER 125mm. TH.DRY RAMMED KHOA OVER 75mm. TH. B. F. S. OVER SAND FILLING.
(5) DOORS :- CHOWKHATS OF DOOR TO BE SAL WOOD/M.S.
(6) WINDOWS :- ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
(7) ROOF :- 100mm. TH. R.C.C. SLAB , 100 mm. TH. AVG. LIME TERRACING OVER.
(8) PLASTER :- 12 mm. TH. CEMENT PLASTER ON BOTH SIDE OF WALL.
(9) COLOUR :- COLOUR OR WHITE WASH AS/CHOICE.

KEY PLAN



LOCATION PLAN
N.T.S.



TYPICAL FLOOR PLAN
BLOCK -A

BLOCK-A

OCCUPANT LOAD
RESIDENTIAL

TOTAL NO OF FLATS = 70 FLATS
5 PERSON /FLAT
TOTAL NOS. OF PERSON = 5X70=350PERSONS

WATER SUPPLY CALCULATION

TOTAL NO. OF PERSONS = 350
REQUIRED SIZE OF WATER TANK @ 135 LITERS / PERSONS / DAY
=350X 135 = 47250.00 LITERS=47.25 CUM(FOR DOMESTIC USE)
SIZE OF OVER HEAD WATER TANK
L.=6.31M X W.=2.74M. X H.=1.50M=25.93 CUM = 25930.00 LITER
L.=3.66M X W.=4.70M.X H.=1.50M=25.80 CUM = 25800.00 LITER

SEPTIC TANK CALCULATION

TOTAL NOS. OF @ 5 PERSON/FLAT
TOTAL PERSON =350 PERSON
REQUIRMENT OF SEPTIC TANK FOR 350 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 350 X 0.087 =30.45 CUM
DETAIL SIZE OF SEPTIC TANK :-
L.= 4.0M X W. =3.00M X H. = 2.00M = 24.00X2=4800 CUM.(2 NOS)

BLOCK-B

OCCUPANT LOAD
RESIDENTIAL

TOTAL NO OF FLATS = 77 FLATS
5 PERSON /FLAT
TOTAL NOS. OF PERSON = 5X77=385 PERSONS

WATER SUPPLY CALCULATION

TOTAL NO. OF PERSONS = 385
REQUIRED SIZE OF WATER TANK @ 135 LITERS / PERSONS / DAY
=385X 135 = 51975.00 LITERS=51.75CUM(FOR DOMESTIC USE)
SIZE OF OVER HEAD WATER TANK
L.=6.31M X W.=2.74M. X H.=1.63 M=28.18 CUM = 28180.00 LITER
L.=5.31M X W.=2.74M X H.=1.63M =23.71 CUM = 23710.00 LITER

SEPTIC TANK CALCULATION

TOTAL NOS. OF PERSONS@ 5 PERSONS/FLAT
TOTAL PERSON =385 PERSON
REQUIRMENT OF SEPTIC TANK FOR 385 PERSONS
@ 0.087 CUM. PER PERSONS PER DAY = 385 X 0.087 = 33.49 CUM
DETAIL SIZE OF SEPTIC TANK :-
L.= 4.0M X W. =3.00M X H. = 2.00 M = 24.00X2=48.00 CUM.(2 NOS)

PARKING CALCULATION (BLOCK-A & B)

TOTAL BUILT UP AREA (BLOCK-A + BLOCK-B)=7494.94 + 9162.65 +269.68= 16927.27 S.QMT
PARKING AREA REQUIRED =25% OF 16927.27 S.QMT
= 4231.81 S.QMT (REQUIRED)

PARKING AREA PROVIDED

BLOCK-A)
GROUND FLOOR COVERED =1280.00S.QMT

BLOCK-B)
BASEMENT FLOOR COVERED =1357.42 S.QMT
GROUND FLOOR COVERED =1357.42 S.QMT
TOTAL PROVIDED PARKING AREA= 3994.84 S.QMT
OPEN PARKING=246.16 S.QMT.
TOTAL PARKING AREA= 4241.00 S.QMT (PROVIDED)

BLOCK -A
AREA CALCULATION

TOTAL AREA OF PLOT	=6873.96 S.QMT
LEFT FOR ROAD WIDENING AREA	=87.42 S.QMT
NET PLOT AREA	=6786.54 S.QMT

50% BALCONY INCLUDED FOR BUILT UP AREA

TOTAL GROUND FLOOR BUILT UP AREA	= 37.00 SQMT.
TOTAL FIRST FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL SECOND FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL THIRD FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL FOURTH FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL FIFTH FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL SIXTH FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL SEVENTH FLOOR BUILT UP AREA	= 1065.42 SQMT.
TOTAL BUILT UP AREA	= 7494.94 SQMT.

F.A.R. CALCULATION (BLOCK-A ,B & CLUB HOUSE)

F.A.R. = TOTAL BUILT UP AREA / NET PLOT AREA
=7494.94 + 9162.65 +269.68 / 6786.54 = 2.49

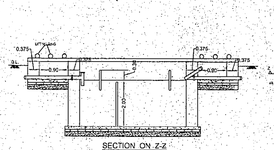
BLOCK -B
AREA CALCULATION

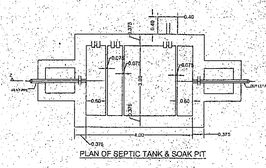
50% BALCONY INCLUDED FOR BUILT UP AREA

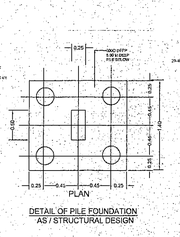
TOTAL BASEMENT FLOOR BUILT UP AREA	=37.00 SQMT.
TOTAL GROUND FLOOR BUILT UP AREA	= 37.00 SQMT.
TOTAL FIRST FLOOR BUILT UP AREA	= 1298.52 SQMT.
TOTAL SECOND FLOOR BUILT UP AREA	= 1298.52 SQMT.
TOTAL THIRD FLOOR BUILT UP AREA	= 1298.77 SQMT.
TOTAL FOURTH FLOOR BUILT UP AREA	= 1297.93 SQMT.
TOTAL FIFTH FLOOR BUILT UP AREA	= 1297.37 SQMT.
TOTAL SIXTH FLOOR BUILT UP AREA	= 1298.52 SQMT.
TOTAL SEVENTH FLOOR BUILT UP AREA	= 1298.77 SQMT.
TOTAL BUILT UP AREA	= 9162.65 SQMT.

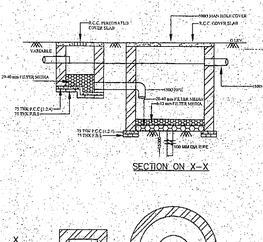
CLUB HOUSE

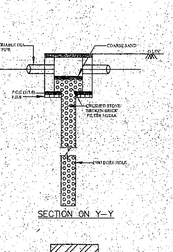
GROUND FLOOR BUILT UP AREA	=134.84. S.QMT.
FIRST FLOOR BUILT UP AREA	=134.84. S.QMT.
TOTAL BUILT UP AREA	=269.68 S.QMT.

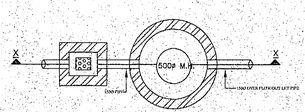


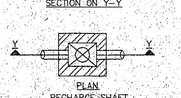












RAIN WATER HARVESTING

PROPOSE RESIDENTIAL BUILDING FOR SRI KHELARI BUILDERS & CONSTRUCTION PVT. LTD.
SURVEY PLOT NO.- 705,706,751,753,754, 756,759

THANA NO	- 20
THANA	- RUPASPUR
MAUZA	- DHANAUT
KHATA NO	- 639,663,664,665,668,678
TAUZI NO.	- 5254
WARD NO	-
CIRCLE NO	-
DISTT.	- PATNA

NAME OF OWNER

Suman Kumar

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER	SIGNATURE OF ARCHITECTS
SHAILENDRA KUMAR Structural Engineer Empanelment No STRE/18/15 Nagar Parishad, Danapur, Nizamat	MANISH KR. PANKAJ [Certified Architect] COA Reg. No.- CA/2013/58305 JLB Empanelment No.-20/Arch/2015/NPDN Plan Case No.- Date-

Building Plan No. 169/16-17

निम्नांकित शर्तों के साथ भवन मानचित्र की स्वीकृति दी जाती है।
सरकारी या किसी दूसरे के जमीन का अतिक्रमण नहीं करना होगा, तथा पथ एवं सड़क के लिए बिहार भवन उपविधि 2014 के अनुसार अपनी जमीन छोड़ना होगा। भवन में कम्पोस्टी बनाना होगा तथा अपने भवन से सम्बन्धित नाला तक जल निकासी हेतु अपने खर्च से नाली निर्माण करना होगा।
भवन निर्माण के समय आग लगने की स्थिति में भवन मालिक स्वयं उत्तर दायी होगा एवं उसपर कड़े कि[illegible] की स्वीकृति केवल भवन के लिए मान्य होगी। भवन में रहने के पूर्व NOC प्राप्त करना होगा। उक्त[illegible] प्रदान / अस्वीकृत की अनुशंसा के आधार पर पारित।

नगर पंचायक पदाधिकारी
नगर परिषद, दानापुर, निजामत

Nagar Parishad Danapur Nizamat
23/12/16
Nagar Parishad Danapur Nizamat