Building Plan No. 94/22-23
Dated 10/01/2023

Certificate/Occupancy Certificate are required to be obtained at first before use of building as per Building Bye laws 2014 in force.

Certified that the site plan presented has been approved subject to the condition mentioned above and the applicant will be responsible for any change/variation in the said plan during the execution of the building.

Sanctioned plan is to be strictly adhered to during the time of execution of the building. Any change/variation in the sanctioned plan after the construction/completion will be viewed seriously and legal action will be taken against the owner/builder/architect/engineer.

Earth pit is to be provided as per I.S. norms.

Drinking water facility should be provided at the site of construction for the labour working there.

Safety measures should be adopted at the time of construction of the building and adequate provision should be made for the same.

Structural design, RCC design, Foundation details are to be got approved from the competent authority wherever required.

Rain water harvesting structure as per the norms is to be provided.

Provision for physically handicapped persons should be made in the building as per rules.

Sanction is accorded treating the land as free from encumbrances.

The Owner/Developer shall abide by all the rules and regulations in force in the matter of Town Planning, Building Control, Environment, Pollution Control, Fire Safety, Public Health and Safety, Water Supply, Sewerage and Solid Waste Management.

The Owner/Developer shall obtain all other permissions required in connection with the proposed development from the concerned authorities.

Sanction is liable to be revoked or modified by the Competent Authority if the terms and conditions mentioned above are violated.

Sanction is valid for a period of one year from the date of issue.

Yours faithfully,

S.K. Builder & Colonisor Pvt. Ltd.

Managing Director

Encl: 1) Set of approved plans
2) Challan No. 10/9122 dt. 10/01/23

ER. SHAILESH RANJAN
B.Sc. Engg. (Civil)
EMPNo. 19STE/BM/ENG/2016-18/MPDN
MPDN, DANAPUR

SIG. OF OWNER/BUILDER

SIG. OF ENGINEER

SIG. OF ARCHITECT

Sachendra Prasad
B.Sc. Engg. (Civil)
Regn. No.-03/ER/2015-16/MPDN
Nagar Parishad Danapur, Nizamat

PROPOSED RESIDENTIAL BUILDING OF DEVELOPER- SK BUILDER AND COLONISOR PVT LTD

PLOT NO- 901 , KHATA NO-31 , THANA NO - 36 ,
5TH FLOOR SK PALACE SAGUNA MORE DANAPUR PATNA
THANA - DANAPUR
MAUZA:- MUSTAFAPUR ,
TAUZI NO - DIST -PATNA

RAIN WATER HARVESTING CALCULATION

TERRACE AREA = 727.0 SQ MT
REQUIRED WATER HARVESTING CAPACITY 6 CUM FOR 100 SQ MT
TERRACE AREA TOTAL TERRACE = 727 70 SQ MT
REQUIRED WATER HARVESTING= 727.70 X 6/100 = 43.66 CUM
PROVIDED RAIN WATER HARVESTING SIZE & NOS /AS PER
CALCULATION) :
TOTAL NOS. OF RECHARGE WELL - 7 NOS
SIZE - 3M DIA & 3M DEPTH
TOTAL VOLUME = 3.00 X 3.00 X 5 X 3.14 X 7 CUM = 148.37 CUM

SEPTIC TANK CALCULATION

TOTAL NOS OF OCCUPANT 120 PERSONS
REQUIREMENT OF SEPTIC TANK FOR 120 PERSONS
@ 0.067 CUM PER PERSONS PER DAY = 120 X 0.067 = 10.44 CUM
DETAIL SIZE OF SEPTIC TANK
L 3.50 X W 2.50 X H 1.50 X 3 = 3937.5 LITRE = 39.38 CUM

SEPTIC TANK-1 CALCULATION

TOTAL NOS. OF OCCUPANTS = 120
REQUIRED SIZE OF WATER TANK @ 135 LITERS / PERSONS / DAY
= 120 X 135 = 16200 LITERS = 16.20 CUM
PROVIDED SIZE OF OVER HEAD WATER TANK
WATER TANK-1 2.13 X 7.87 X 1.51 = 253 CUM
WATER TANK-2 2.13 X 6.87 X 1.51 = 2209 CUM 20000 LITER FOR FIRE

WATER SUPPLY CALCULATION

TOTAL NOS. OF OCCUPANTS =120
1 PERSON PER DAY = 24X5 =120 PERSONS
TOTAL NOS. OF PERSON = 24X5 =120 PERSONS

OCCUPANT LOAD RESIDENTIAL

TOTAL NO OF FLATS = 24 FLATS
SO TOTAL PROVIDED = 659.92 M2
PARKING AREA PROVIDED ON GROUND FLOOR = 659.92 M2
2350.90 X 0.25 = 587.72 M2
PARKING AREA RECTIRED = 25% OF BUP AREA
TOTAL BUP AREA 2763.77 M2 = 15 % OF TOTAL BUP AREA =2350.90 M2

PARKING CALCULATION:

F.A.R. ARCHIVED $\frac{11107.69}{2763.77} = 2.49$

TOTAL BUILT UP AREA = 2763.77 SQM
FOURTH FLOOR B.U.P. AREA = 685 SQM (INCLUDING 50% BAL.)
THIRD FLOOR B/U P AREA = 685 SQM (INCLUDING 50% BAL.
SECOND FLOOR B.U.P. AREA = 685 SQM (INCLUDING 50% BAL.
FIRST FLOOR B/U P AREA = 685 SQM (INCLUDING 50% BAL.)
GROUND FLOOR B/U P AREA = 257 SQM

AREA CALCULATION:

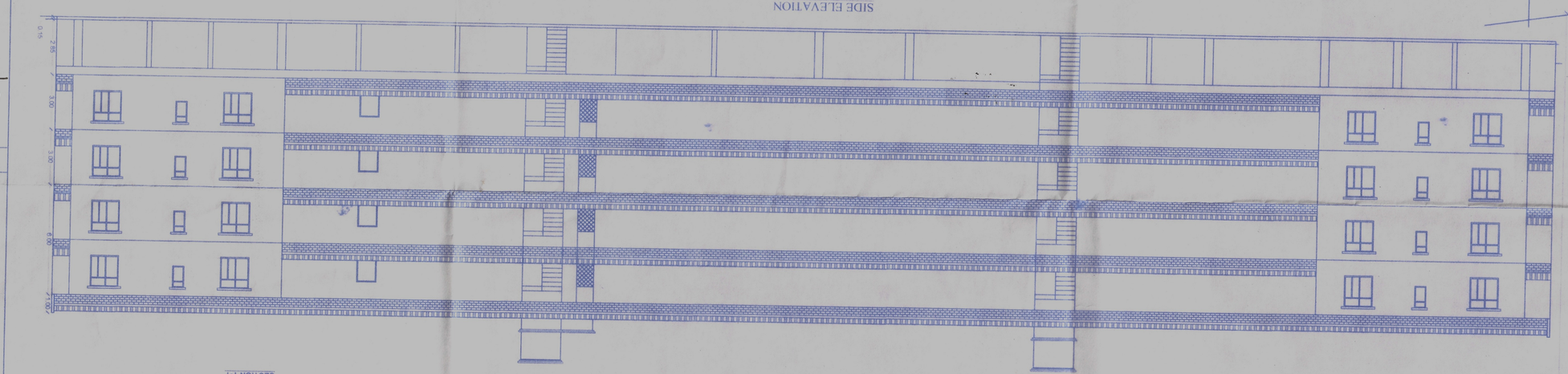
TOTAL PLOT AREA (AS PER DEED) = 1113.28 SQM
TOTAL PLOT AREA (AS PER SITE) = 1107.69 SQM

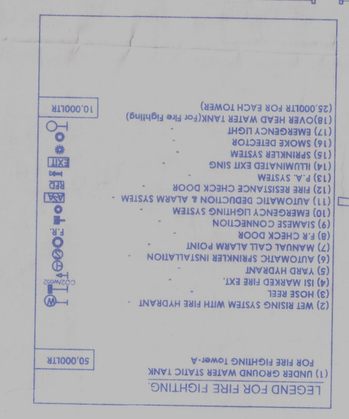
SHEDULE OF DOORS & WINDOWS:

TYPE	WIDTH	SILL	LINTEL
D	1.07	0.0	2.10
D1	0.99	0.0	2.10
D2	0.91	0.0	2.10
D3	0.76	0.0	2.10
W1	2.10	0.90	2.6
W2	1.52	0.90	2.6
W3	0.91	0.90	2.6
W4	0.76	1.5	2.6

AREA CALCULATION

D	1.07	0.0	2.10
D1	0.99	0.0	2.10
D2	0.91	0.0	2.10
D3	0.76	0.0	2.10
W1	2.10	0.90	2.6
W2	1.52	0.90	2.6
W3	0.91	0.90	2.6
W4	0.76	1.5	2.6




LEGEND FOR FIRE FIGHTING
(1) 150MM DIA UNDERGROUND WATER STORAGE TANK FOR FIRE FIGHTING (Under A
(2) WET RISING SYSTEM WITH FIRE HYDRANT
(3) FIRE RESISTANCE DOOR
(4) HOSE REEL
(5) ALARMED FIRE EXT.
(6) FIRE EXTINGUISHER
(7) MANUAL CALL ALARM POINT
(8) AUTOMATIC SPRINKLER INSTALLATION
(9) SMOKE DETECTOR
(10) P.A. SYSTEM
(11) AUTOMATIC SUBSTATION & ALARM SYSTEM
(12) EMERGENCY LIGHTING SYSTEM
(13) SPRINKLER SYSTEM
(14) ILLUMINATED EXIT SIGN
(15) SMOKE DETECTOR
(16) EMERGENCY LIGHT
(17) P.A. SYSTEM
(18) AUTOMATIC SUBSTATION & ALARM SYSTEM
(19) AUTOMATIC DETECTION CONDITION
(20) EMERGENCY LIGHTING SYSTEM
(21) SPRINKLER SYSTEM
(22) ILLUMINATED EXIT SIGN
(23) SMOKE DETECTOR
(24) EMERGENCY LIGHT
(25) P.A. SYSTEM
(26) AUTOMATIC SUBSTATION & ALARM SYSTEM
(27) AUTOMATIC DETECTION CONDITION
(28) EMERGENCY LIGHTING SYSTEM
(29) SPRINKLER SYSTEM
(30) ILLUMINATED EXIT SIGN
(31) SMOKE DETECTOR
(32) EMERGENCY LIGHT
(33) P.A. SYSTEM
(34) AUTOMATIC SUBSTATION & ALARM SYSTEM
(35) AUTOMATIC DETECTION CONDITION