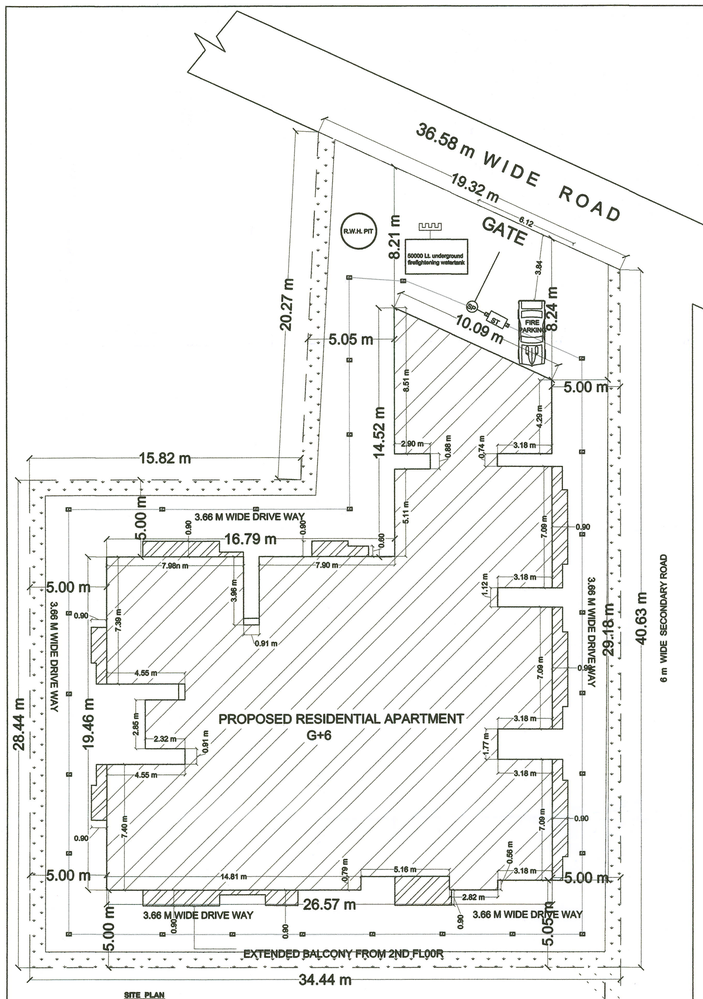
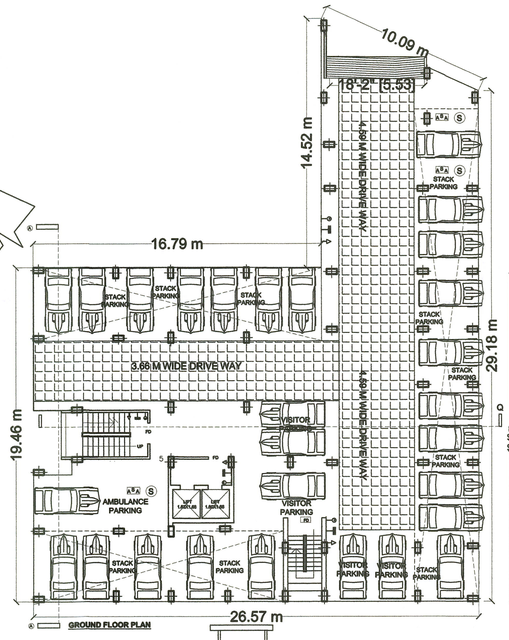
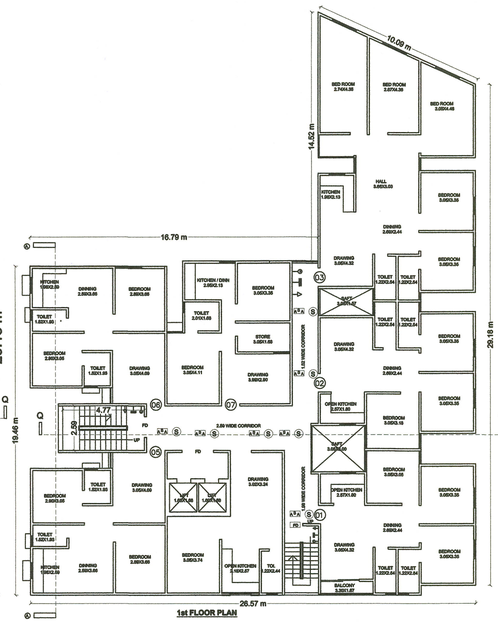


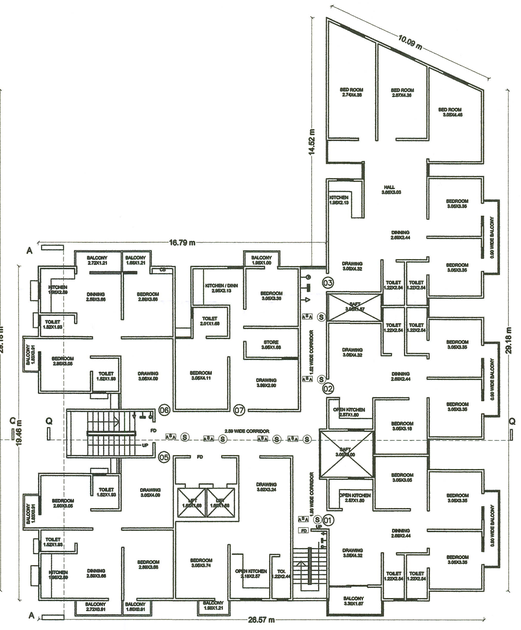
SITE PLAN



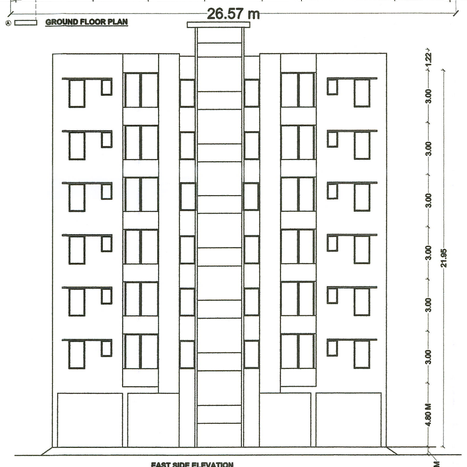
GROUND FLOOR PLAN



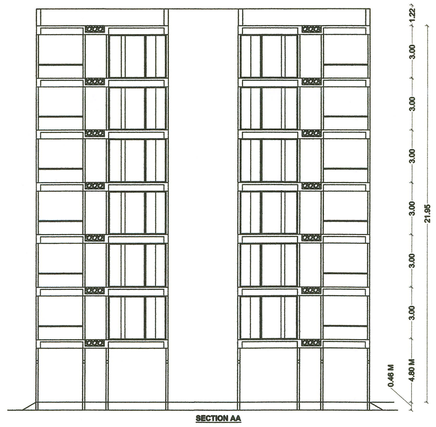
1st FLOOR PLAN



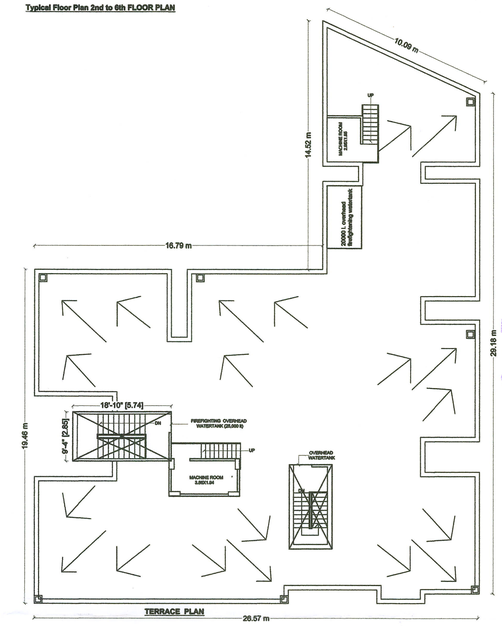
Typical Floor Plan 2nd to 6th FLOOR PLAN



EAST SIDE ELEVATION



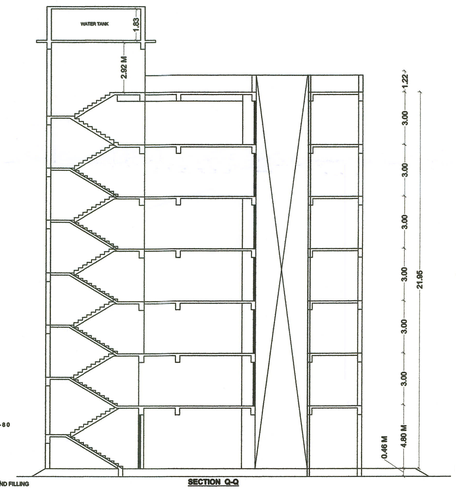
SECTION AA



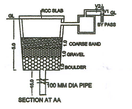
TERRACE PLAN



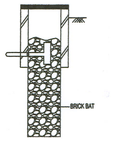
FRONT ELEVATION

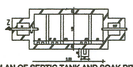


SECTION Q-Q

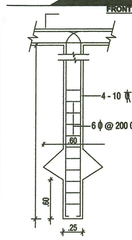


SECTION AT AA

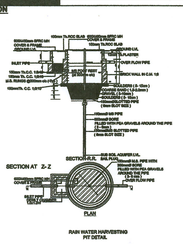




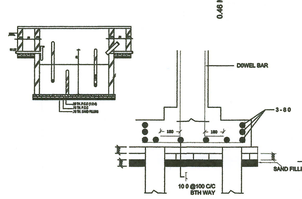
PLAN OF SEPTIC TANK AND SOAK PIT



DET. OF PILE FOUNDATION



RAIN WATER HARVESTING PIT DETAIL



SHEDULE OF DOORS AND WINDOWS				
ITEMS	TYPE	SILL	LIN.	SIZE
D	DOOR	00"	8'4"	3'6"X8'4"
D1	DOOR	0'0"	8'4"	3'3"x8'4"
D2	DOOR	0'0"	8'4"	2'9"x8'4"
D3	DOOR	0'0"	8'4"	2'6"x8'4"
W1	WINDOW	1'6"	8'4"	4'6"X7'
W2	DOOR-GRILL	00"	8'4"	3'6"X8'4"
V	KITCHEN	3'3"	8'4"	3'0"X2'
V	VENTILATOR	6'6"	8'4"	2'6"X2'
D4	DOOR+WIN.	00"	8'4"	10'X8'4"

FIRE LEDGER -

1. DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR OF 1/2 HVI CAP.
2. FIRE FIGHTING UNDER GROUND WATER TANK.
3. FIRE HYDRANT.
4. HOSE REEL AS PER I.S.S.T.A.C. RECOMMENDATIONS.
5. WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE.
6. ILLUMINATED EXIT DIRECTIONAL SIGN.
7. SEAM CONNECTION TO THE WET RISING SYSTEM.
8. AUTOMATIC SPRINKLER INSTALLATION.
9. AREA COVERED WITH AUTOMATIC HEAD SMOKE
10. OVERHEAD FIREFIGHTING WATER TANK (EACH)
11. INDICATOR PANEL (EMERGENCY LIGHT)
12. ALARM SYSTEM)
13. MANNUAL CALL POINT

F.D
SMOKE DETECTOR
HYDRANT
HOSE REEL
EXIT
EXIT
SPRINKLER
SMOKE DETECTOR
MANNUAL CALL POINT

AREA CALCULATION - IN SQM.

TOTAL PLOT AREA AS/DEED	= 1275.55 SQM.
TOTAL PLOT AREA AS/SITE	= 1275.55 SQM.
GR. FLOOR F.A.R AREA	= 29.94 SQM
1ST FLOOR F.A.R AREA	= 510.25 SQM
2ND FLOOR F.A.R AREA	= 525.48 SQM
3RD FLOOR F.A.R AREA	= 525.48 SQM
4TH FLOOR F.A.R AREA	= 525.48 SQM
5TH FLOOR F.A.R AREA	= 525.48 SQM
6TH FLOOR F.A.R AREA	= 525.48 SQM
TOTAL FLOOR B/U AREA	= 3167.59 SQM

ACHIEVED F.A.R = 2.48
GROUND COVERAGE =40%

PARKING CALCULATION:
TOTAL RESIDENTIAL B/UP AREA=3167.59 M2 -15%
COMMON AREA=2692.45 M2
PARKING AREA REQUIRED - 25 % OF B/UP AREA
=2692.45 X 0.25 = 673.11 M2
TOTAL REQUIREMENT PARKING AREA= 673.11 M2
PARKING AREA PROVIDED ON GROUND FLOOR 549.31 M2
PARKING AREA PROVIDED ON GROUND FLOOR STACK PARKING = (108+ 131.64) = 239.64 M2
SO TOTAL PROVIDED = 788.95 ME

WATER TANK CALCULATION

TOTAL NO OF FLAT = 42 NOS.
ASSUME 5 PERSON PER FLAT = 42X5 = 210 PERSON
SO TOTAL NO. OF PERSON= 210
ADD 20% EXTRA = SAY =252 PERSON
135 LITER REQUIRED /DAY /CAPITAY=135 X252=34020=34.02M3
PROVIDED WATER TANK AREA= 4.64X2.13 X0.90=8.89 M3
PROVIDED WATER TANK = 2.59X4.72X1.83 X2= 45.21

SEPTIC TANK CALCULATION

TOTAL NO. OF PERSONS = 252 PERSONS
ONE PERSON REQU. AREA = 0.085 CU.M./DAY
TOTAL REQU. AREA =252 X 0.085 =21.42 CU.M./DAY
PROVIDE AREA OF SEPTIC TANK=6.00X3.00X1.80=32.40 CUM.

WATER HARVESTING CALCULATION

TERRACE AREA =525.48 SQ.MI
REQUIRED W.H CAPACITY 6 CUM FOR 100 SQ.Mt TERRACE
REQURIED WATER HARVESTING 525.48 X 6 /100 = 31.52 CUM
PROVIDES WATER HARVESTING SIZE
3.14X2.5X2.5X3.00=58.87 CUM.
TOTAL PROVIDED=58.87 CUM.

GREEN AREA CALCULATION :-
TOTAL NET PLOT AREA = 1275.55 SQ.M.
GREEN SPACE AREA % REQ. = 1275.55X10%= 127.55 SQ.M.
TOTAL PROVIDED GREEN SPACE =130 SQ.M.

PROPOSED RESIDENTIAL APARTMENT
NIRMALA ENCLAVE FOR DS DEV ENGICON PVT.Ltd
DIRECTOR SRI DEEPAK KUMAR SINGH AT
KHATA NO- 158,76 KHESRA NO-209,211,212,THANA NO-122A,
MAUZA-NAKCHHED TOLA,MOTIHARI

NORTH	SCALE	SHEET NO.
	1:100	01

AR. ABHISHEK ADHIKARI
(Architect)
COA Regn. No.-CA/2024/180652
Empanelled At Serial No-4445
Mob Memo No.-2529, Dt-12.09.2023 of

Signature Of Architect

SHAILESH RANJAN
STR. ENGINEER
EMP No.-BR/UDHD/SE/23-0110
UDHD, PATNA (BIHAR)

Signature Of Engineer

Signature of OWNER

OSDEV ENGICON PRIVATE LIMITED
DIRECTOR

Signature of Developer

अभिलेख संख्या 028/25-26
बिहार नगरपालिका अधिनियम 2007 के [illegible] 419 के द्वारा प्रदत्त शक्तियों का प्रयोग [illegible] हुए धारा 314, 315, 316 एवं 317 में [illegible] शर्तों के साथ बिहार भवन अधिनियम, 2014 के आलोक में स्वीकृति दी जाती है।

TAX DAROGA

ASSISTANT TOWN PLANNING SUPERVISOR (ATPS)

NAGAR NIGAM MOTIHARI