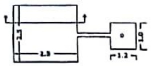
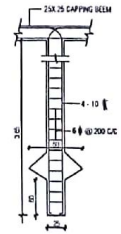
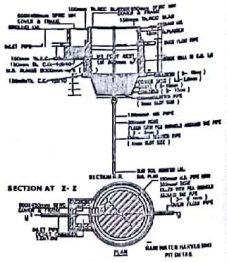
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



DET. OF RECHARGEBLE BORE WELL



DET. OF PILE FOUNDATION



PARKING CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
FLAT ARE HAVING CARPET AREA MORE THAN 30 SQM
THERE MORE PROVIDED ONE CAR PARKING EACH FLATS
PARKING AREA TO BE REQUIRED
25% OF TOTAL BUILT AREA= 71.3 SQM
PROVIDE CAR PARKING AREA= 643.31 SQM
OPEN PARKING = 76.48 SQM
TOTAL PROVIDE CAR PARKING AREA= 719.8 SQM

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
TOTAL NO OF PERSON =24 X 5=120
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER =1.33X120 X 135
=21546.00LTR./DAY
= 215.46 CU.M./DAY
SIZE OF WATER TANK=7.20X6.5X4.95 CU.M

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT =24 FLATS
ONE FLAT 5 PERSON =24X 5 = 120 PERSONS
EXTRA PERSON = 10 PERSONS
TOTAL NO OF PERSON = 130 NOS.
ONE PERSON REQU. AREA = 0.06 SQM./DAY
TOTAL REQU. AREA =130X 0.06 =7.8 CU.M./DAY
PROVIDE AREA OF SEPTIC TANK = 3.90 X 1.95(1.3)
= 13.12 CU.M

SPECIFICATION

1. FOUNDATION R.C.C UNDER REAMED GROUP PILE.
2. SUPER STRUCTURE 1ST CLASS BRICK IN CEMENT MORTAR (1:6)
3. 0.10 TH AVG LIME TERRECING OVER .10 TH. R.C.C ROOF SLAB
4. HEIGHT OF PLINTH AND FLOOR A/S INDICATED IN SECTION
5. R.C.C LINTEL WILL BE PROVIDED OVER DOOR AND WINDOWS OPENING.
6. 0.025 TH. I.P.S FLOORING OVER 0.125 TH. DRY RAMMED KHOA OVER 0.075 TH. BRICK FLAT SOLING OVER LOCAL SAND FILLING.
7. 0.012 TH. CEMENT PLASTER ON BOTH SIDE OF WALL.
8. ALL WINDOWS STEEL GLAZED WOOD PANNELLED.
9. SNOWCEM CEMENT PAINT THE EXTERNAL FACE. WHITE WASH ON INSIDE FACE.

SCHEDULE OF DOORS & WINDOWS

S.NO.	TYPE	SIZE	DESCRIPTION
	D	1.07X2.13	SINGLE LEAF P. DOOR
	D1	0.91X2.13	SINGLE LEAF P. DOOR
	D2	.76X2.13	SINGLE LEAF P. DOOR
	W	1.52X1.37	GLAZED SIDE HUNG
	W1	.91X1.37	GLAZED SIDE HUNG
	V	.61X.61	GLAZED SIDE HUNG

AREA STATEMENT

TOTAL PLOT AREA	=	1263.94 SQM.
LEFT FOR ROAD WIDENING	=	31.54 SQM.
NET PLOT AREA	-	1232.40 SQM.
GROUND FLOOR AREA	-	25.53 SQM.
FIRST FLOOR AREA	-	671.04 SQM.
SECOND FLOOR AREA	-	671.04 SQM.
THIRD FLOOR AREA	-	671.04 SQM.
FORTH FLOOR AREA	-	671.04 SQM.
TOTAL B.U AREA	-	2709.69 SQM.

F.A.R (ACHIEVED) = 2.19

% GROUND COVERAGE = 54.44

SCALE- 1:100

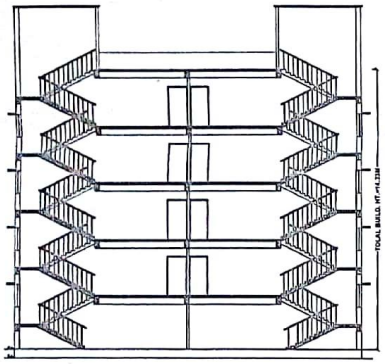
NORTH

PROPOSED RESIDENTIAL BUILDING FOR
SN INFRACON , PVT LTD.
Thr. It Dir.- (1) SRI. ASHWANI KUMAR SINHA,
S/O-SRI SHEOLAKH PATI LAL,
MAUZA- KALER,
KHATA NO. - 39,
PLOT NO - 325,
THANA-M.M COLLEGE,
THANA NO - 334,
WARD NO. - 29,
DIST. - GAYA.

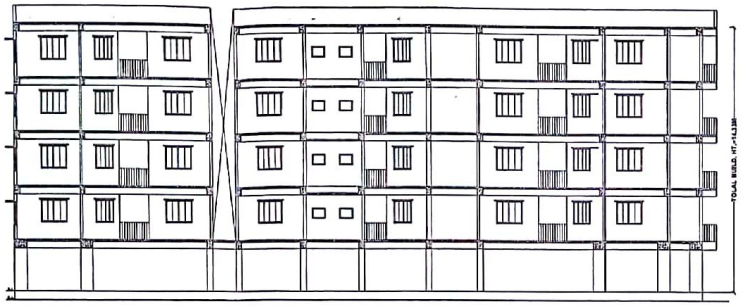
For SN Infra Con Pvt. Ltd.
Ashwani Kumar Sinha
Director

SIG. OF OWNER

SIG. OF ARCHITECT/ENGINEER

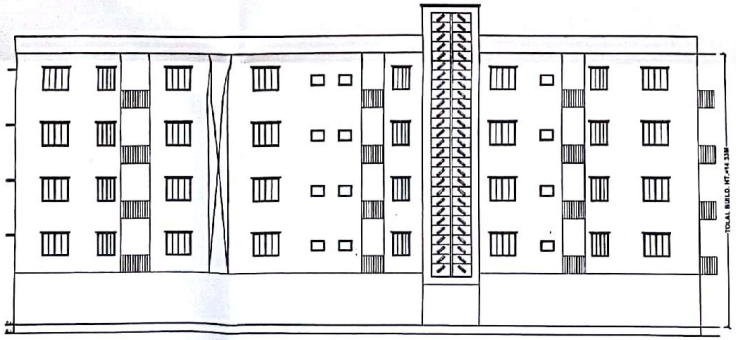


SECTION X-X

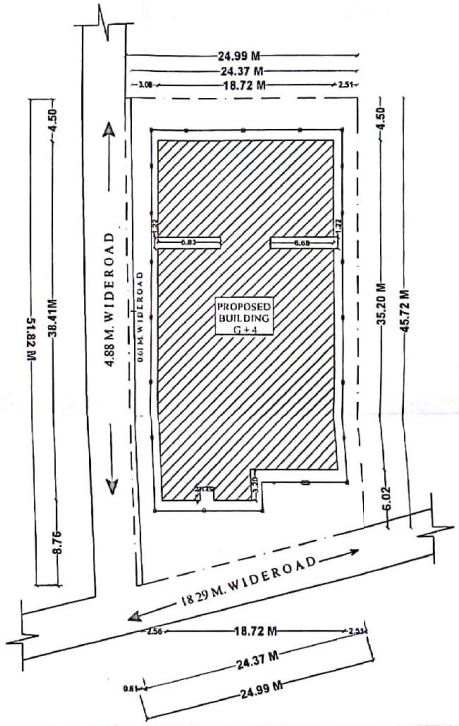


SECTION Y-Y

FRONT ELEVATION



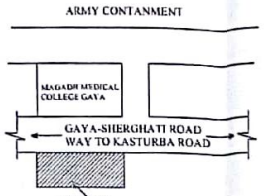
SIDE ELEVATION



SITE PLAN
SCALE(1:60)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

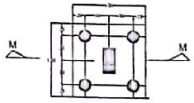


LOCATION PLAN

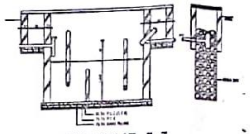
SCALE =NOT TO BE SCALE

KEY PLAN

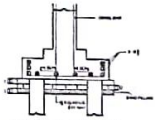
SCALE-1"=330'



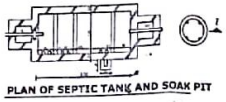
TYP. DET. OF FOUNDATION



SECTION AT Z- Z



SECTION AT M - M



PLAN OF SEPTIC TANK AND SOAK PIT

PARKING CALCULATION

TOTAL NO OF FLAT = 24 FLATS
FLAT ARE HAVING CARPET AREA MORE THAN 30 SQM
THERE FORE PROVIDED ONE CAR PARKING EACH FLATS
PARKING AREA TO BE REQUIRED
20% OF TOTAL BUILT AREA=471.41 SQM
PROVIDE CAR PARKING AREA= 845.31 SQ.M.
OPEN PARKING = 71.41 SQM
TOTAL PROVIDE CAR PARKING AREA= 916.72 SQ.M

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
TOTAL NO OF PERSON =24X 5=120
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER =1.33X120X 135
=21546.00LTR./DAY
= 215.46 CU.M./DAY
SIZE OF WATER TANK=7.06X6.5X4.96CU.M

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 24 FLATS
ONE FLAT 5 PREASON =24X 5 = 120 PERSONS
EXTRA PERSON = 10 PERSONS
TOTAL NO OF PERSON = 130NOS.
ONE PERSON REQU. AREA = 0.045CU.M./DAY
TOTAL REQU. AREA =130X 0.045 =1.125 CU.M./DAY
PROVIDE AREA OF SEPTIC TANK = 2.25 X 1.5X2.5)
= 12.12 CU.M

SPECIFICATION

1. FOUNDATION R.C.C UNDER REAMED GROUP PILE.
2. SUPER STRUCTURE 1ST CLASS BRICK IN CEMENT MORTAR (1:6)
3. 0.10 THANG LIME TERRACING OVER 10 TH. R.C.C ROOF SLAB
4. HEIGHT OF PLINTH AND FLOOR A/S INDICATED IN SECTION
5. R.C.C LINTEL WILL BE PROVIDED OVER DOOR AND WINDOWS OPENING.
6. 0.025 TH. I.P.S FLOORING OVER 0.125 TH. DRY RAMMED KHOA OVER 0.075 TH. BRICK FLAT SOLING OVER LOCAL SAND FILLING.
7. 0.012 TH. CEMENT PLASTER ON BOTH SIDE OF WALL.
8. ALL WINDOWS STEEL GLAZED WOOD PANNELLED.
9. SNOW CEM CEMENT PAINT THE EXTERNAL FACE. WHITE WASH ON INSIDE FACE.

SCHEDULE OF DOORS & WINDOWS

S.NO.	TYPE	SIZE	DESCRIPTION
	D	1.07X2.13	SINGLE LEAF P. DOOR
	D1	0.91X2.13	SINGLE LEAF P. DOOR
	D2	.76X2.13	SINGLE LEAF P. DOOR
	W	1.52X1.37	GLAZED SIDE HUNG
	W1	.91X1.37	GLAZED SIDE HUNG
	V	.61X.61	GLAZED SIDE HUNG

AREA STATEMENT

TOTAL PLOT AREA	=	1263.94 SQM.
LEFT FOR ROAD WIDENING	=	31.54 SQM.
NET PLOT AREA	=	1232.40 SQM.
GROUND FLOOR AREA	=	25.33 SQM
FIRST FLOOR AREA	=	671.04 SQM.
SECOND FLOOR AREA	=	671.04 SQM.
THIRD FLOOR AREA	=	671.04 SQM.
FORTH FLOOR AREA	=	671.04 SQM.
TOTAL B.U. AREA	=	2709.69 SQM.

F.A.R (ACHIEVED) = 2.19

% GROUND COVERAGE = 54.44

SCALE- 1:100

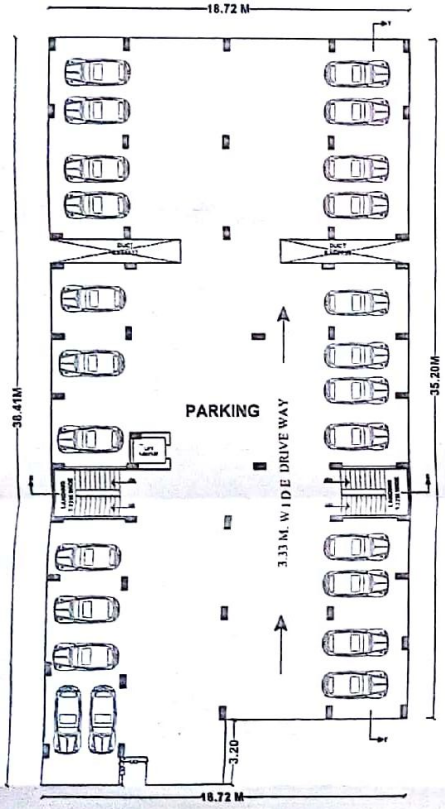
NORTH

PROPOSED RESIDENTIAL BUILDING FOR
SN INFRACON , PVT LTD
Thr. I: Dir - (1) SRI. ASHWANI KUMAR SINHA,
S/O-SRI SHEOLAKH PATI LAL,
MAUZA- KALER,
KHATA NO - 39,
PLOT NO - 325,
THANA-M.M COLLEGE,
THANA NO - 334,
WARD NO - 29,
DIST - GAYA

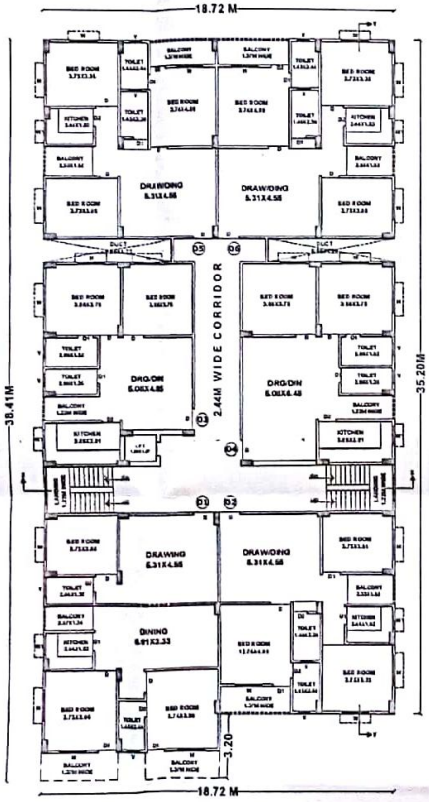
For SN Infra Con Pvt. Ltd.
Director

SIG. OF OWNER

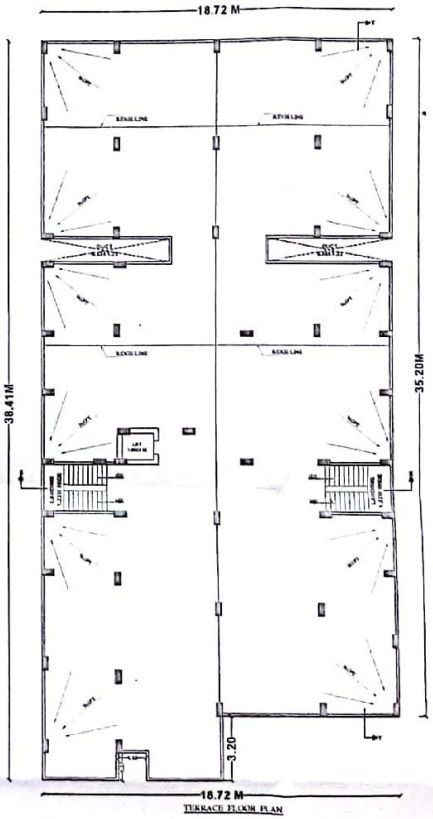
SIG. OF ARCHITECT/ENGINEER



GROUND FLOOR PLAN



1ST,2ND,3RD & 4TH FLOOR PLAN



TERRACE FLOOR PLAN

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT