NOTE - COVER TO PILE - 50 mm
COVER TO PILE CAP - 50 mm
CONCRETE MIX - (1 : 1.5 : 3)

USE 10 % EXTRA CEMENT IN PILE IF BORE IS FULL OF WATER

TOP Lv OF PILE CAPS ARE - 1.52 m. BELOW FROM THE TOP OF PLINTH BEAM OR FLOOR LVL

SEPTIC TANK CALCULATION
CALCULATION OF BLOCK - (A+B+C BLOCK)

RESIDENTIA BLOCK -A

TOTAL NO. OF FLAT = 30 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =30 X 6 = 180
ONE PERSON REQU. AREA = 0.085 QU.M./DAY
TOTAL REQU. AREA = 180 X 0.085 = 15.30 QU.M/DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=4.00(L)X2.0(W)- 3.0(H)
TOTAL AREA OF SPTIC TANK= 24.00 QUM

RESIDENTIAL BLOCK -B

TOTAL NO. OF FLAT = 40 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =40 X 6 = 240
ONE PERSON REQU. AREA = 0.085 QU.M./DAY
TOTAL REQU. AREA = 240 X 0.085 = 20.40 QU.M/DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=4.00(L)X2.0(W)- 3.0(H)
TOTAL AREA OF SPTIC TANK= 24.00 QUM

RESIDENTIAL BLOCK -C

TOTAL NO. OF FLAT = 30 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =30 X 6 = 180
ONE PERSON REQU. AREA = 0.085 QU.M./DAY
TOTAL REQU. AREA = 180 X 0.085 = 15.30 QU.M/DAY
PROVIDE AREA OF SPTIC TANK
(SIZE)=4.00(L)X2.0(W)- 3.0(H)
TOTAL AREA OF SPTIC TANK= 24.00 QUM

WATER TANK CALCULATION
CALCULATION OF BLOCK - (A+B+C BLOCK)

RESIDENTIAL BLOCK -A

TOTAL NO. OF FLAT = 30 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =30 X 6 = 180
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER = 180 X 135 =24300.00 LTR./DAY
TOTAL REQU. AREA OF WATER TANK =24.30 QU.M
PROVIDE AREA OF WATER TANK
SIZE =4.0(L)X6.0(B)X 3.0(H)=30.00 QUM

RESIDENTIAL BLOCK -B

TOTAL NO. OF FLAT = 40 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =40 X 6 = 240
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER = 240X 135 =32400.00 LTR./DAY
TOTAL REQU. AREA OF WATER TANK =32.40 QU.M
PROVIDE AREA OF WATER TANK
SIZE =4.0(L)X5.0(B)X 3.0(H)=30.00 QUM

RESIDENTIAL BLOCK -C

TOTAL NO. OF FLAT = 30 NOS
ONE FLAT 6 PERSON
TOTAL NO OF PERSON =30 X 6 = 180
ONE PERSON REQU. WATER = 135 LTR./DAY
TOTAL REQU. WATER = 180X135 =24300.00 LTR./DAY
TOTAL REQU. AREA OF WATER TANK =24.30 QU.M
PROVIDE AREA OF WATER TANK
SIZE =4.0(L)X6.0(B)X 3.0(H)=30.00 QUM

PARKING AREA CALCULATION OF BLOCK - (A+B+C BLOCK)

RESIDENTIAL BLOCK

RESIDENTIAL BLOCK -A
TOTAL B/U AREA (1ST TO 5TH) = 4336.86 SQ.M.
REQUIRED PARKING AREA = 4336.86/250 = 17.34 NOS. = 17.50 NOS.

RESIDENTIAL BLOCK -B
TOTAL B/U AREA (1ST TO 5TH) = 5041.20 SQ.M.
REQUIRED PARKING AREA = 5041.20/250 = 20.16 NOS. = 20.50 NOS.

RESIDENTIAL BLOCK -C
TOTAL B/U AREA (1ST TO 5TH) = 4336.86 SQ.M.
REQUIRED PARKING AREA = 4336.86/250 = 17.34 NOS. = 17.50 NOS.

TOTAL REQUIRED RESIDENTIAL 4% OF QU. MTR. AREA = =2509.19 SQM

PROVIDED
ON BLOCK - A
ON BASEMENT FLOOR = 882.00 SQ.M. (WET)
ON SPLENDI FLOOR = 830.86 SQ.M. (COVER)

ON BLOCK - B
ON GROUND FLOOR = 881.13 SQ.M. (COVER)

ON BLOCK - C
ON BASEMENT FLOOR = 977.49 SQ.M. (OPEN)

TOTAL WE PROVIDED = 3536.34 SQM

RECHARGE WELL CALCULATION
REQUIRED = 1% OF ROOF AREA
= 1% X2807.36= 168.44 CU.M

GREEN AREA CALCULATION
TOTAL PLOT AREA=5634.08 SQM.
DESIRABLE GREEN AREA @ 10%=563.40 SQ.M.
PROVIDED GREEN AREA 572.03 SQM.

NOTE :-
CERTIFICATE :-
THIS IS TO CERTIFY THAT STRUCTURAL DESIGN OF THIS BUILDING WILL BE AS PER IS:456 - 1984 & IS 4326-1993. TO MAKE THE SAME EARTH QUAKE RESISTANT.

AREA STATEMENT

TOTAL PLOT AREA AS SITE = 5634.08 SQ.M.

BLOCK - A + B + C

BASEMENT FLOOR B/U AREA = 2712.86 SQ.M.
GROUND FLOOR B/U AREA = 2055.86 SQ.M.
1ST FLOOR B/U AREA = 2055.86 SQ.M.
2ND FLOOR B/U AREA = 2055.86 SQ.M.
3RD FLOOR B/U AREA = 2055.86 SQ.M.
4TH FLOOR B/U AREA = 2055.86 SQ.M.
5TH FLOOR B/U AREA = 2055.86 SQ.M.
TOTAL FLOOR B/U AREA = 14343.86 SQ.M.

BLOCK - B + C

GROUND FLOOR B/U AREA = 2055.86 SQ.M.
1ST FLOOR B/U AREA = 2055.86 SQ.M.
2ND FLOOR B/U AREA = 2055.86 SQ.M.
3RD FLOOR B/U AREA = 2055.86 SQ.M.
4TH FLOOR B/U AREA = 2055.86 SQ.M.
5TH FLOOR B/U AREA = 2055.86 SQ.M.
TOTAL FLOOR B/U AREA = 12335.16 SQ.M.
TOTAL FLOOR B/U AREA OF BLOCK - A + B + C = 26679.02 SQ.M.
FAR/FLOOR AREA RATIO = 26679.02/5634.08 = 4.73

1) FIRE RESISTANT CHECK DOOR —FD—
2) FIRE HYDRANT
3) HOSE REEL
4) UNDER GROUND WATER STATIC TANK WITH AUTOMATIC REFILLING ARRANGEMENT FOR FIRE FIGHTING
5) FIRE EXTINGUISHER
6) SMOKE DETECTOR
7) ILLUMINATED EXIT DIRECTIONAL SIGN
8) MANUAL CALL POINT

PROPOSED RESIDENTIAL BUILDING OF M/S ABHINAV AVAS PVT. LTD. ON PLOT NO.-971, 973, 974, 975 KHATIANO-21, KHATIANO-59 & 60 TAUZI NO.-3222 & BIHAR SARKARI MAUZA - DANAPUR KHAJAPUR THANA-DANAPUR, DIST-PATNA

NORTH

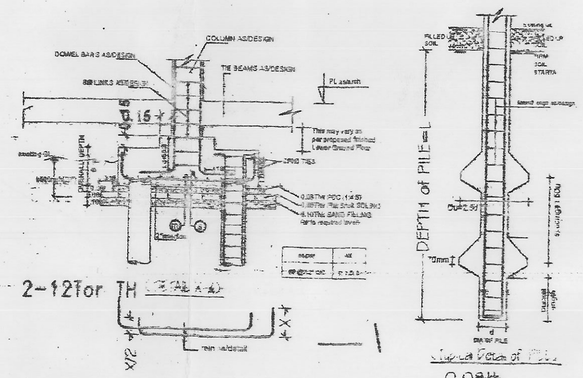
ABHINAV AVAS PVT. LTD.
Pravin Kumar
Managing Director

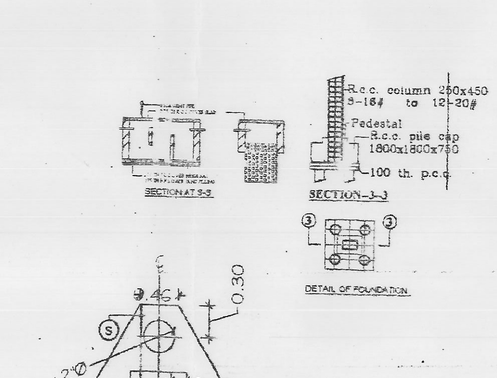
FOR DEVELOPER SIGNATURE
BEFORE OF LAND OWNER
SIGNATURE

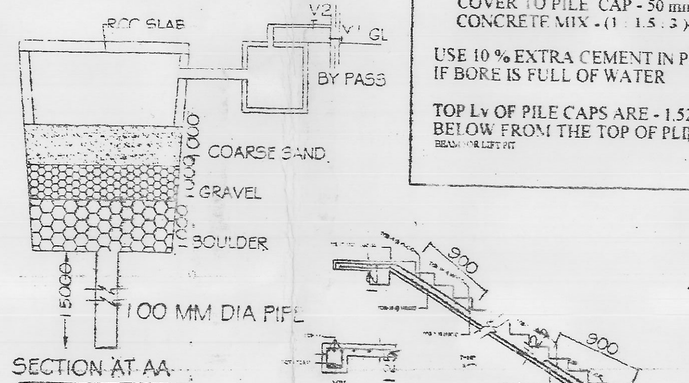
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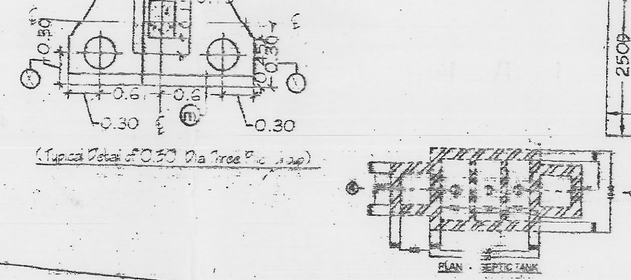
Mr. Manoj Kumar
(Architect)
Council Reg. No.
Valid upto 30/09/2016

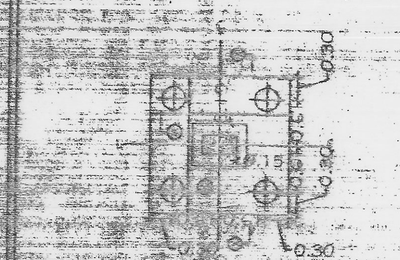
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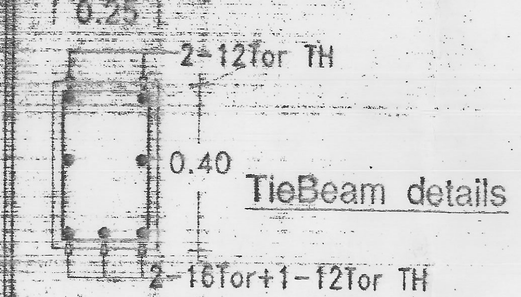


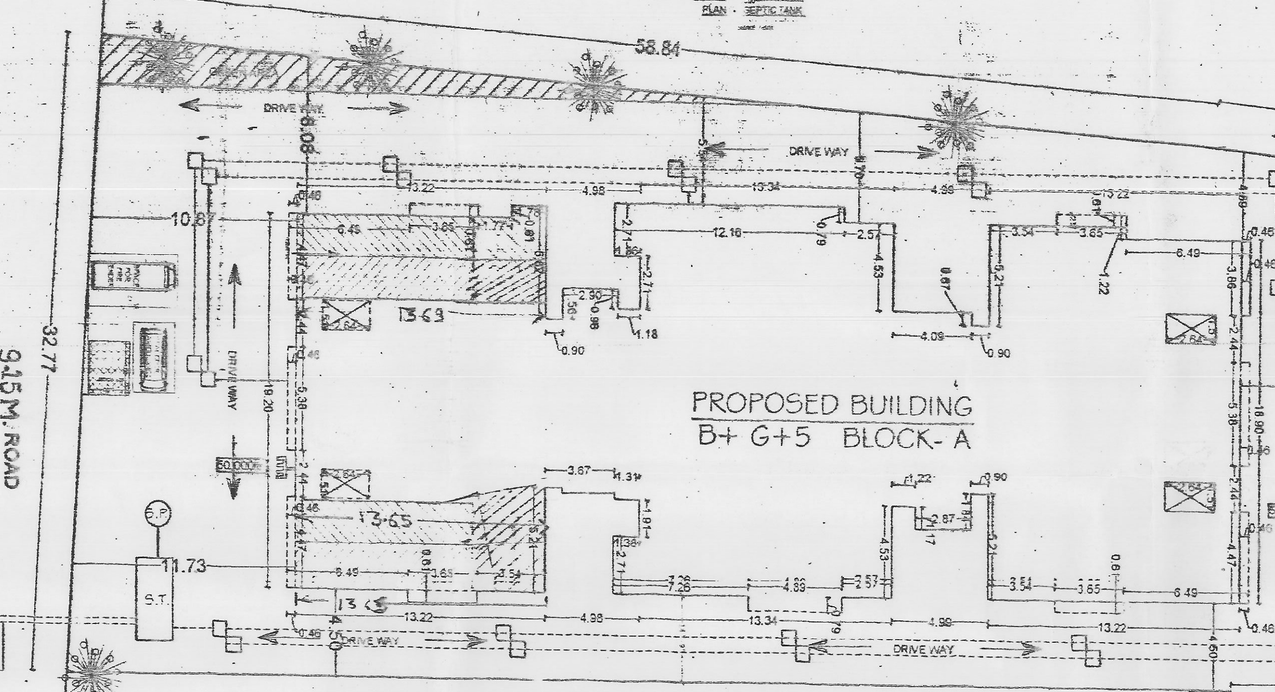


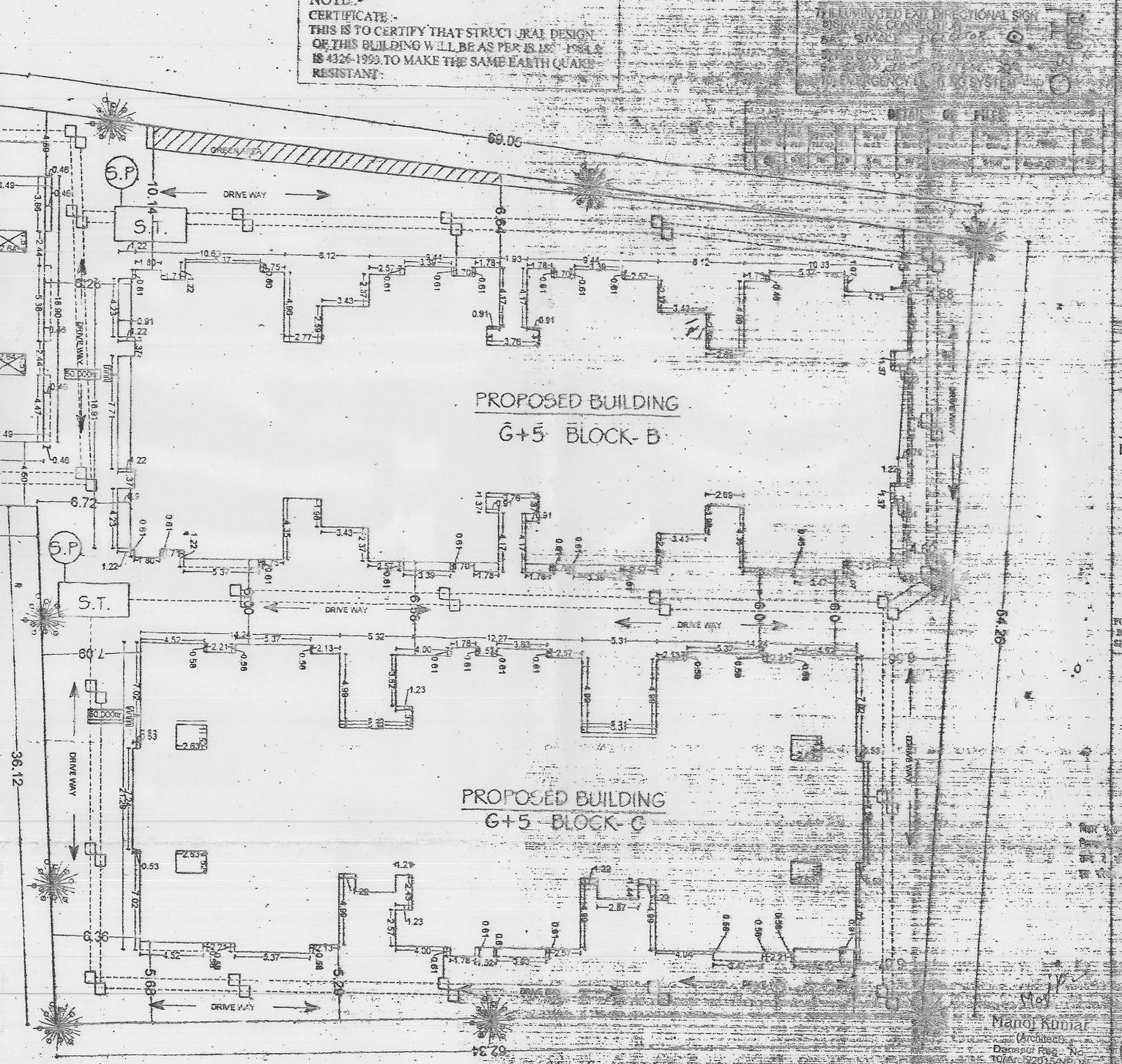




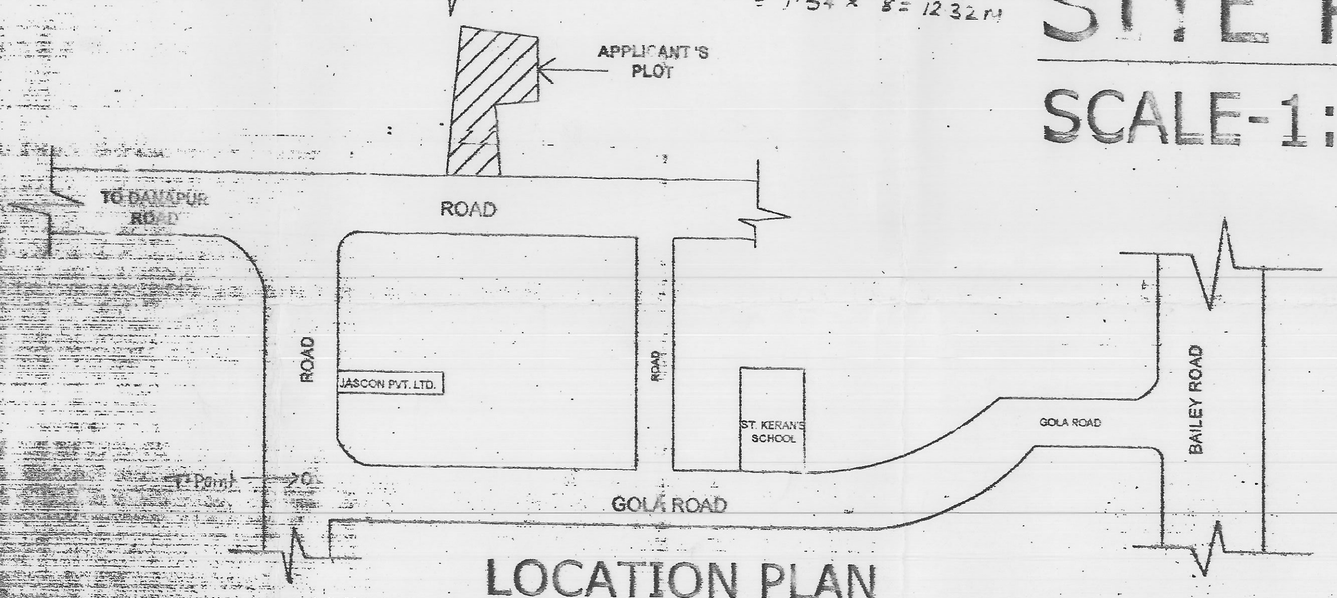








SLOP CALCULATION IN/OUT
SLOP 1:8
DOWN = 1.54 m.
= 1.54 × 8 = 12.32 m



SITE PLAN
SCALE-1:200

LOCATION PLAN
SCALE-NOT TO SCALE