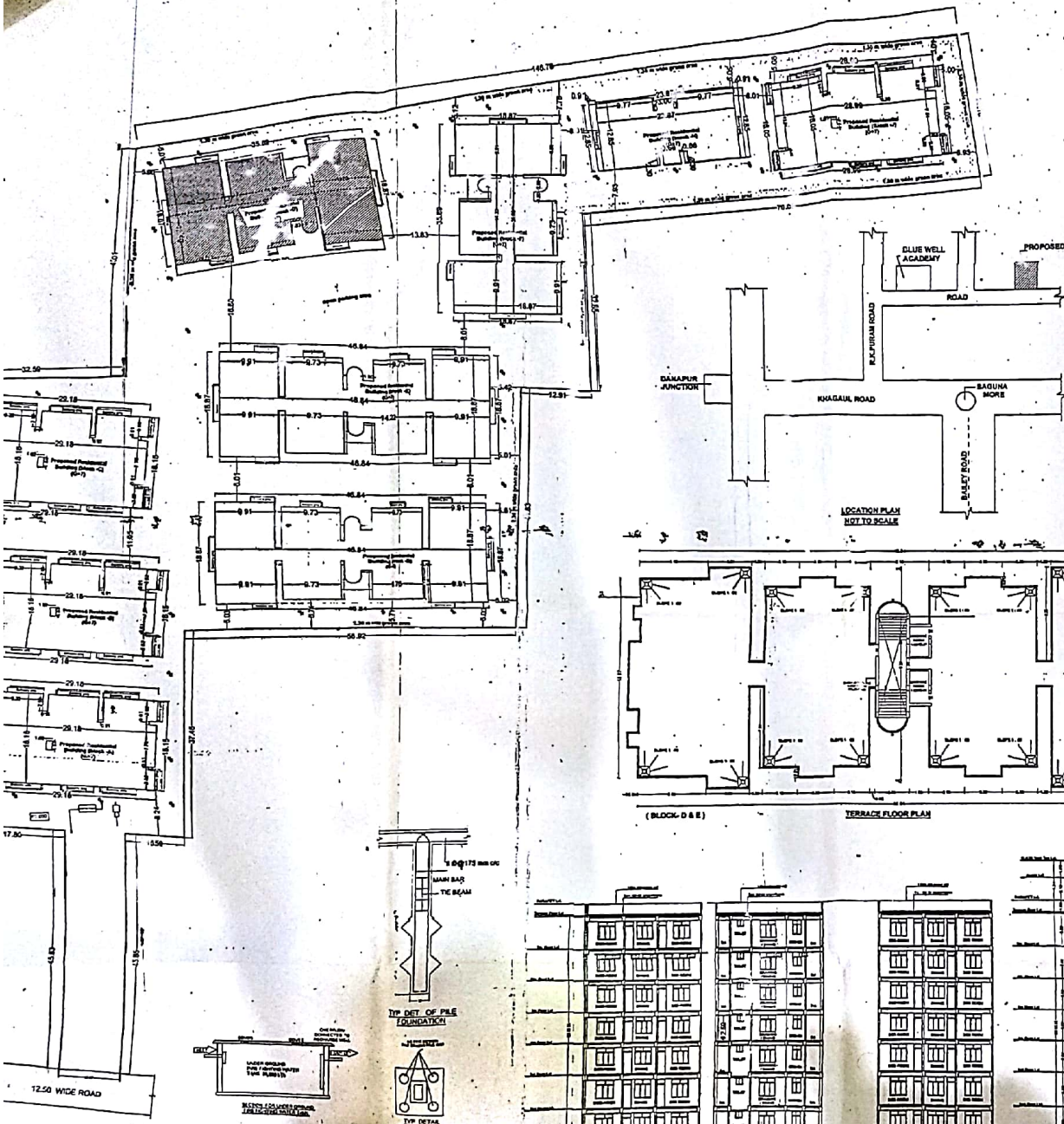
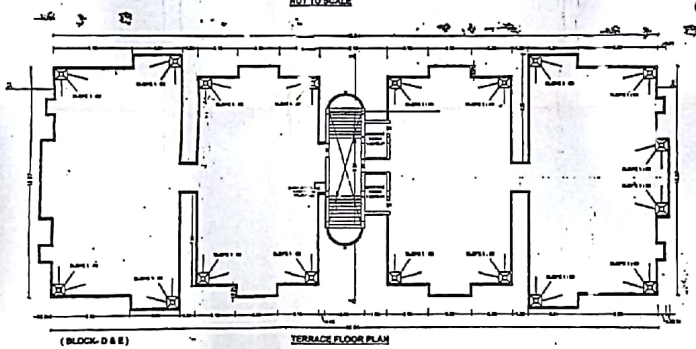
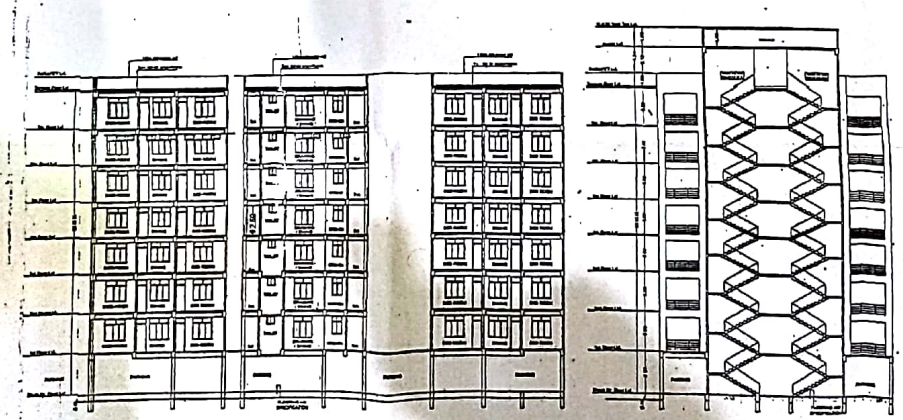
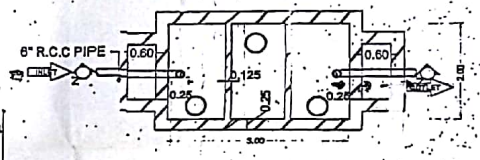
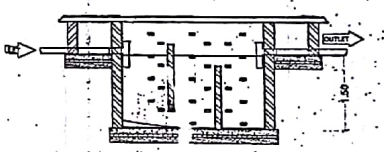




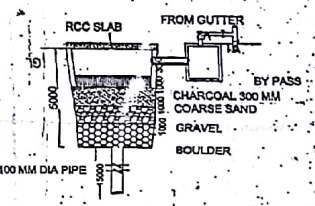




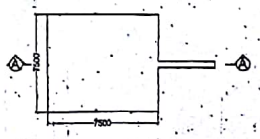
TYP.PLAN OF SEPTIC TANK.



TYP. SECTION ON Z-Z



RECHARGE BORE WELL
SECTION A-A



TYP.PLAN OF RECHARGE BORE WELL

RAINWATER HARVESTING SYSEM :-

TOTAL TERRACE FLOOR ROOF AREA = 407.84 SQM
REQUIRED@ 06 CUM FOR EVERY 100.00SQM. OF
ROOF AREA . SO REQUIRED AREA = 2622 CUM.
PROVIDED AREA = 281.25 CUM.

GREEN SPACE AREA CALCULATION :-

TOTAL NET PLOT AREA = 12346.00 SQM
GREEN AREA REQUIRED@ 10% OF
TOTAL PLOT AREA= 1234.60 SQM
TOTAL PROVIDED GREEN SPACE ARE= 1235.60 SQM

SEPTIC TANK CALCULATION :-

TOTAL NO. OF FLAT = 392
TOTAL NOS OF POPULATION = 392 X 5 = 1960(PERSON)
1 PERSON 0.085 CU.M / PERSON / DAY
1960 X0.085 = PERSON NEED . 166.6 CU.M
=166.6 CU. M(req.)
CAPACITY OF SEPTIC TANK
SIZE OF SEPTIC TANK =
[illegible]

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 392
TOTAL NOS OF POPULATION = 392 X 5 = 1960 (PERSON)
EACH PERSON NEED 135 Ltr. PER DAY = 1960X135 = 264600 Ltr.(req.)
& FOR FIRE FIGHTING = 20,000 LTRS
TOTAL REQUIRED OF WATER TANK =264600 +20,000 =284600 Ltr.(req.)
PROVIDED OF WATER TANK
SIZE =(01) 2.44X5.69 X 1.42 = 19.71 s.q.m
(02) 1.52 X 5.2[illegible] X 1.42 = 11.41 s.q.m
(03) 2.44X5.69 X [illegible] = 19.71 s.q.m
(04) 1.52 X 5.29X1.42 = 11.41 s.q.m
(05) 2.44X5.69 X 1.42 = 19.71 s.q.m
(06) 1.52 X 5.29X1.42 = 11.41 s.q.m
(07) 2.44X5.69 X 1.42 = 19.71 s.q.m
(08) 1.52 X 5.29X1.42 = 11.41 s.q.m
(09) 2.44 X 9.32X1.42 = 32.29 s.q.m
(10) 2.44 X 9.32X1.42 = 32.29 s.q.m
(11) 2.44 X 9.32X1.42 = 32.29 s.q.m
(12) 2.44 X 9.32X1.42 = 32.29 s.q.m
(13) 2.74 X 3.27 X1.42 = 21.57 s.q.m
(14) 2.74 X 3.22X1.42 = 14.20 s.q.m
(15) 2.44 X 9.32X1.42 = 32.29 s.q.m
TOTAL PROVIDED OF TANK = 285.31 SQM. = 285310.00 Ltr. (provided)

PARKING CALCULATION:-

All FLOOR B/U AREA = 30822.88 SQM
PARKING AREA REQUIRD @ 25% OF B/U AREA,
SO TOTAL PARKING AREA REQ.
= 30822.88 x 25% = 7705.72 SQM.
TOTAL GROUND COVERED PARKING AREA
BLOCK = (A+B+C+D+E+F+G+H+J).
TOTAL PROVIDED PARKING AREA = 7715.72 SQM.

01/02

AREA CALCULATION

TOTAL PLOT AREA = 12346.00 SQM
TOTAL B/U AREA OF GROUND FLOOR = BLOCK (A+B+C+D+E+F+G+H+J)= 25.60+25.60+25.60+30.00+30.00+30.00+30.00+37.05+25.60+248.00 SQFT.
TOTAL B/U AREA OF (BLOCK A)
1ST FLOOR TO 7TH FLOOR = 411.20X7 = 2878.40 SQM
TOTAL B/U AREA OF (BLOCK B)
1ST FLOOR TO 7TH FLOOR = 411.20X7 = 2878.40 SQM
TOTAL B/U AREA OF (BLOCK C)
1ST FLOOR TO 7TH FLOOR = 411.20 X 7 = 2878.40 SQM
TOTAL B/U AREA OF (BLOCK D)
1ST FLOOR TO 7TH FLOOR = (709.30X 7) = 4966.10 SQM
TOTAL B/U AREA OF (BLOCK E)
1ST FLOOR TO 7TH FLOOR = (709.30X7) = 4966.10 SQM
TOTAL B/U AREA OF (BLOCK F)
1ST FLOOR TO 7TH FLOOR = (392.20X7) = 2745.40 SQM
TOTAL B/U AREA OF (BLOCK G)
1ST FLOOR TO 7TH FLOOR = (392.20X7) = 2745.40 SQM
TOTAL B/U AREA OF (BLOCK H)
TOTAL B/U AREA OF (BLOCK J)
1ST FLOOR TO 7TH FLOOR = (411.20 X7) = 2878.40 SQM
TOTAL B/U AREA ALL BLOCK = 30822.88 SQM
F.A.R. = 2.49

PLOT DETAILS :-

PROPOSED RESIDENTIAL BUILDING OF
1. SRI. KAMLA PRASAD SINGH,
S/O.- LATE RAMDEVAN SINGH,
2. SUMITRA DEVI,
D/O.- JAGDEO SINGH,
3. LALTI DEVI,
D/O.- JAGDEO SINGH,
4.- AJAY KUMAR GAUTAM,
S/O.- ABDHESH SINGH,
5. ASHUTOSH KUMAR, PIYUSH KUMAR,
SANTOSH KUMAR AND OTHERS
ON S.- PLOT NO.- 2353,2358,2314,2313,
KHATA NO.- 188,495,195,
THANA NO.- 30, MAUZA- JAMSAUT,
THANA - DANAPUR, DISTT.- PATNA.

SCALE
1 : 100,1:200

NORTH

Piyush Kumar
पियूष कुमार
सोनम देवी
Keshav Gupta

ER. PRATIK KR. KARN
STRUCTURAL ENGINEER
Reg. No.-01/STR.E/2015/NPDN
DANAPUR MUNICIPALITY
SIGNATURE OF STR. ENGINEER

AR. Umashankar Kumar
Registered Architect
Reg. No.-CA/2011/54023
SIGNATURE OF ARCHITECT

SIGNATURE OF OWNER / BUILDER

Rajendra Bahadur
सुनिता
ग्राम पंचायत राज जमसौत
दानापुर (पटना)

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