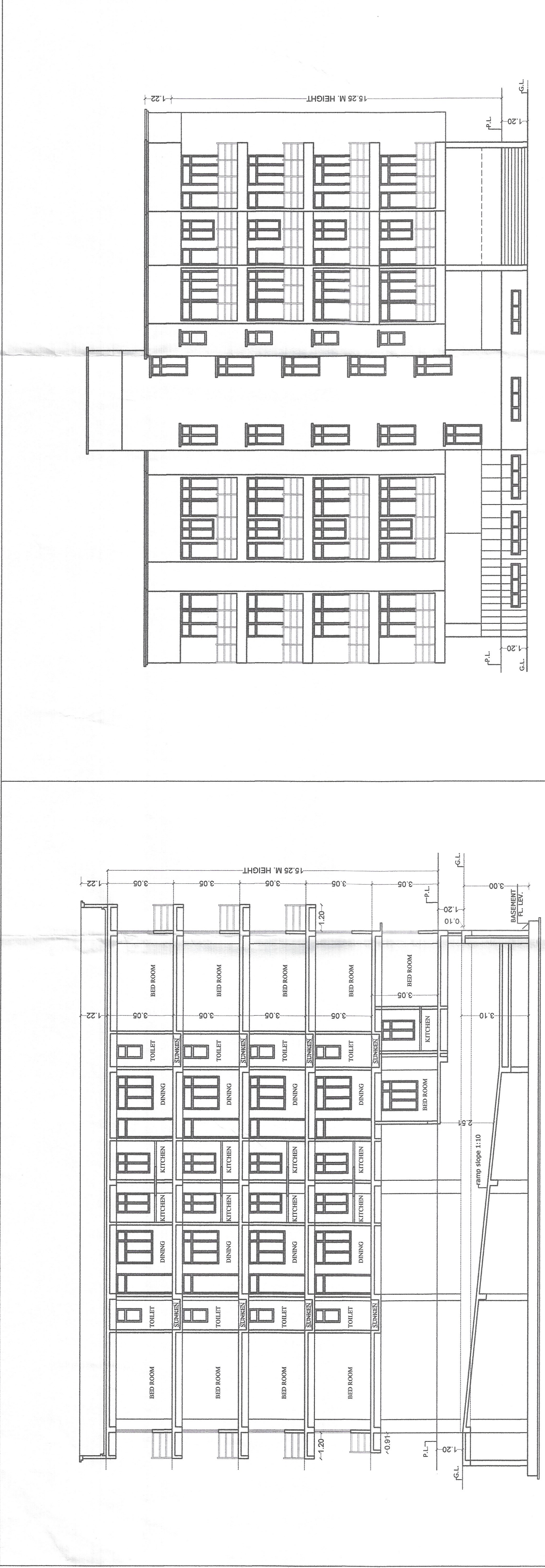
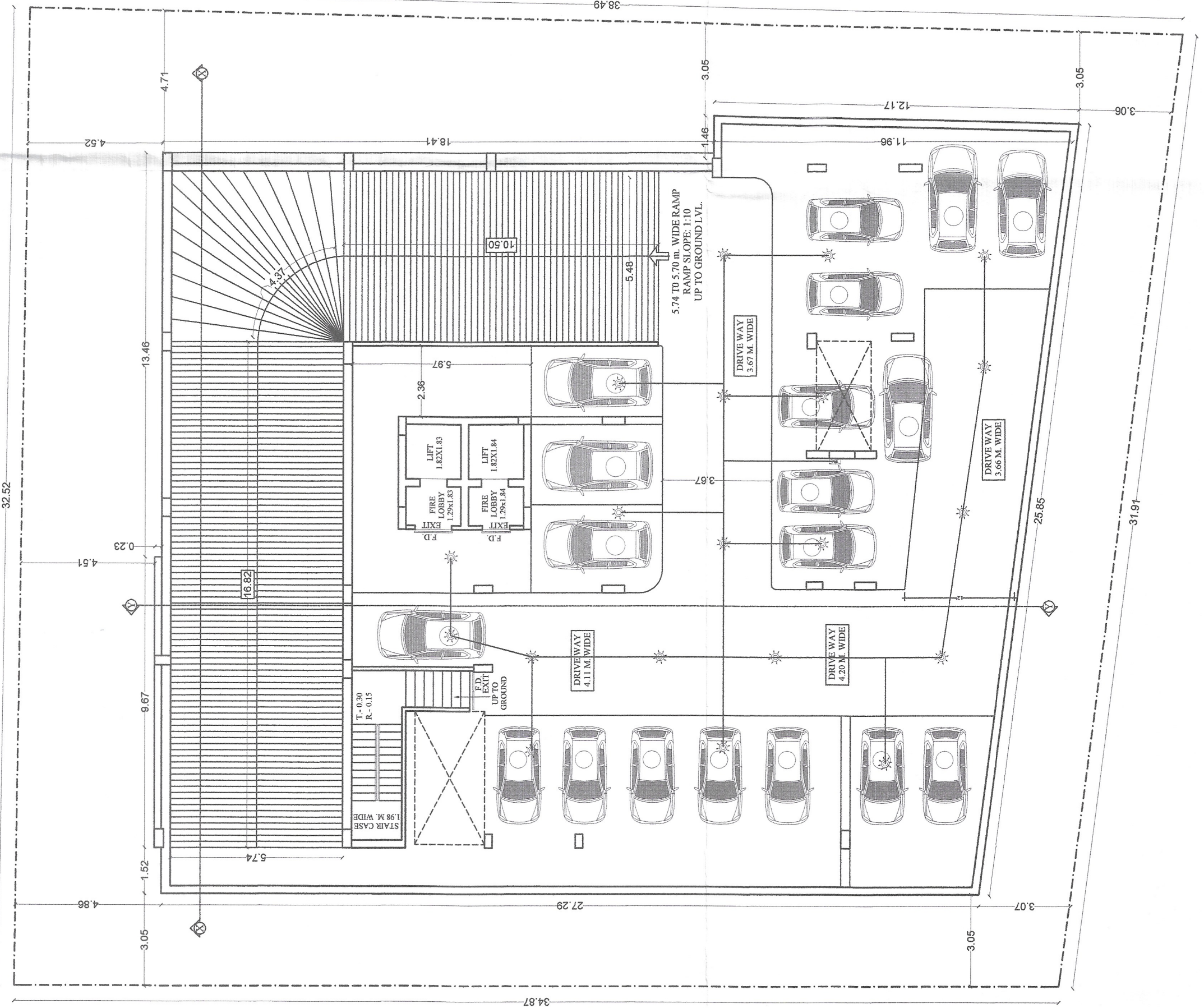


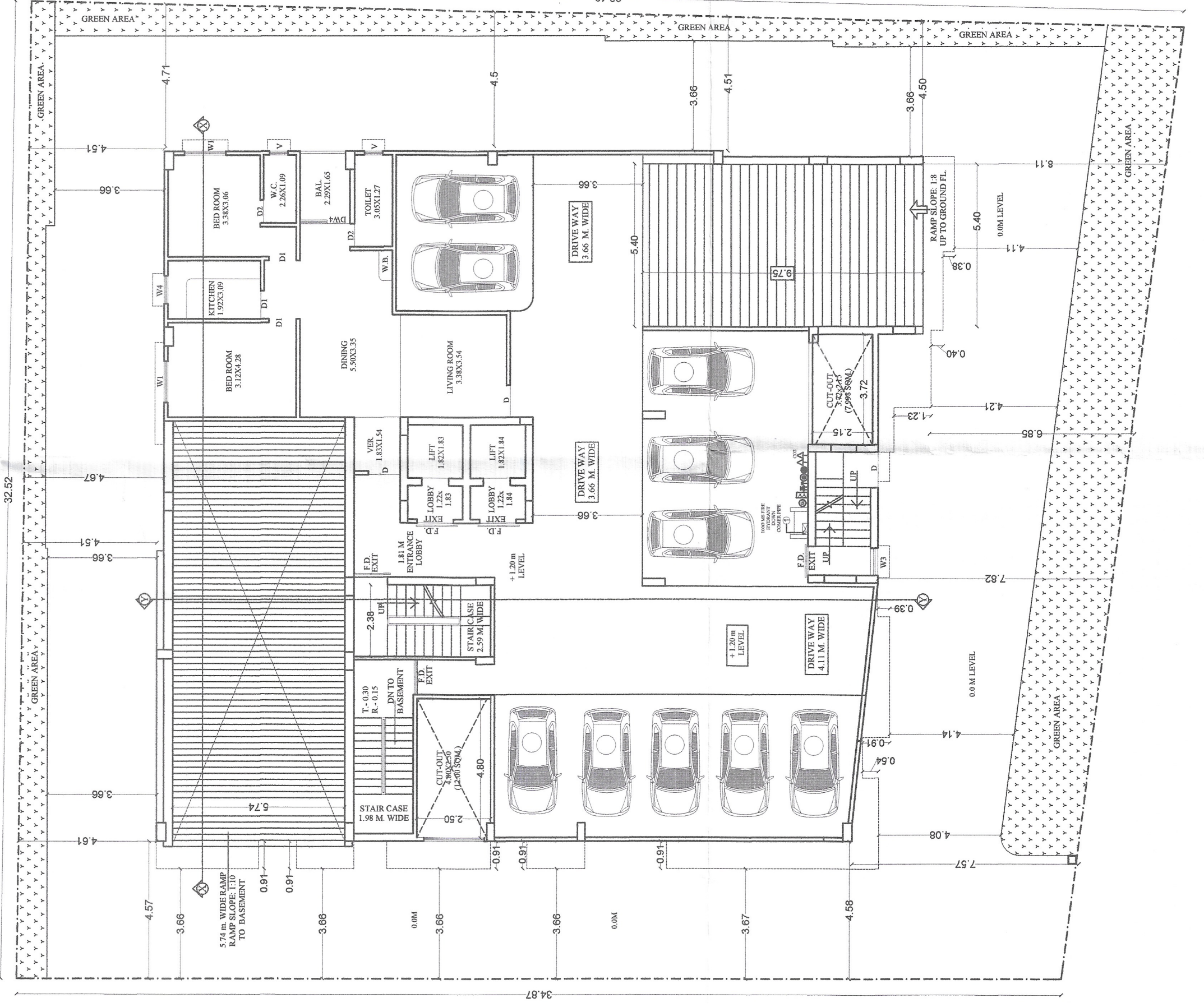


SECTION AT X-X

FRONT ELEVATION



BASEMENT FLOOR PLAN



GROUND FLOOR PLAN

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT 284 = 28 NOS
EACH FLAT HAVING PERSONS = 5, TOTAL PERSON 29 X 5 = 145
VOLUME OF SEPTIC TANK REQUIRED @ 0.085 HEADPER DAY
= 0.085 X 145 = 12.325 CUB M
SIZE OF SEPTIC TANK = 3.43 X 2.30 X 2.29
LENGTH OF SEPTIC TANK = 3.71
4.26 (DUCT 12.50 M, INNER WALL) = 3.43 M

DETAIL OF PILE

FOUNDATION DETAIL

VENT CUT OUT AREA

TOTAL BASEMENT AREA = 796.18 SQM
PROVIDE 2.5 % OF BASEMENT AREA FOR CUT OUT/VENT
REQUIRED = 796.18 X 2.5 / 100 = 19.93 SQM
PROVISION = 12.00 + 7.98 = 19.98 SQM
THIS IS MORE THAN REQUIRED AREA

RAIN WATER HARVESTING DETAIL

FIRE FIGHTING LEGENDS

(1) F.D. FIRE RESISTING DOOR
CHECK DOOR 1/2" H.R. FIRE RATING
(2) U/G WATER TANK = 50000 LTRS
CAPACITY 1,00,000 LTRS
(3) FIRE HYDRANT CONNECTED WITH
WET RISINS SYSTEM
(4) HOSE REEL
(5) LOAD SPEAKER
(6) EXT DIRECTIONAL SIGNS
(7) FLOOR INDICATOR PANEL
FOR AUTOMATIC FIRE
ALARM SYSTEM
(8) SEAMSE CONNECTION TO THE
WET RISING SYSTEM
(9) EMERGENCY LIGHT
(10) FIRE EXTINGUISHER CO₂ TYPE
(11) MANUAL CALL ALARM POINT
(12) YARD HYDRANT POINT
(13) OVER HEAD WATER STATIC TANK 25,000 LTRS
CAPACITY
(14) AUTOMATIC SPRINKLER'S INSTALLATION ~ (S)
(15) AUTOMATIC ALARM SYSTEM
(16) DOWN-COMER SYSTEM

PROPOSED RESIDENTIAL BUILDING FOR
MR. SACHITAMAND SINGH S/O LATE SURAJ
PRASAD SINGH & MRS. LALTI DVI W/O
SACHITAMAND SINGH, DIRECTOR INDCON
EQUIPMENT PVT. LTD. ON PLOT NO. CS-197(P)
KHATA NO. 825, THANA NO. 122 THANA
SAMPANCHAK, MAIZA - BARIA, SITUATED AT
BARIA KARNAPURA - SAMPANCHAK PATNA.

WATER TANK CALCULATION

TERRACE FLOOR AREA = 585.03 SQM
REQUIRED SIZE OF WELL = 5.85 X 6 = 35.10 CUM
PROVISION OF WELL = 3.05 X 2.00 X 6.00 = 36.60 CUM

PARKING AREA CALCULATION

TOTAL BUILT UP AREA = 2845.71 SQ. M
TOTAL AREA OF 284 FLATS = 284 X 100 = 28400 SQ. M
BASEMENT & GROUND FLOOR AREA = 25,000 SQ. M
TOTAL AREA = 28400 + 25000 = 53400 SQ. M
PROVIDE 2.5% OF BUILT UP AREA AS REQUIRED PARKING AREA
TOTAL REQUIRED = 590.92 SQ. M
PROVISION OF COVERED PARKING = 657.78 SQ. M
GROUND FLOOR COVERED PARKING = 280.38 SQ. M
TOTAL COVERED PARKING = 657.78 + 280.38 = 938.16 SQ. M

WATER HARVESTING CALCULATION

TERRACE FLOOR AREA = 585.03 SQM
REQUIRED SIZE OF WELL = 5.85 X 6 = 35.10 CUM
PROVISION OF WELL = 3.05 X 2.00 X 6.00 = 36.60 CUM

WATER TANK CALCULATION

TOTAL NOS OF FLAT 7 X 4 = 28 X 1 = 29
PERSONS ASSUME @ 5 PERSONS PER FLAT
TOTAL NOS OF PERSONS 29 X 5 = 145 PERSONS
GUARD SO TOTAL PERSONS = 145 X 5 = 180 PERSONS
WATER REQUIRED @ 10 LTR. PER HEAD PER DAY
190 X 10 = 25,000 LTR. + 15,000 LTR. FOR FIRE FIGHTING
PROVISION OF WATER TANK = 40,000 M³
1 SIZE = 2.29 X 4.43 X 2.20 = 25.24 M³ FOR DRINKING WATER
2 SIZE = 1.80 X 4.11 X 2.20 = 15.84 M³
TOTAL SIZE = 2.29 X 4.43 X 2.20 = 25.24 M³

PARKING AREA CALCULATION

TOTAL BUILT UP AREA = 2845.71 SQ. M
TOTAL AREA OF 284 FLATS = 284 X 100 = 28400 SQ. M
BASEMENT & GROUND FLOOR AREA = 25,000 SQ. M
TOTAL AREA = 28400 + 25000 = 53400 SQ. M
PROVIDE 2.5% OF BUILT UP AREA AS REQUIRED PARKING AREA
TOTAL REQUIRED = 590.92 SQ. M
PROVISION OF COVERED PARKING = 657.78 SQ. M
GROUND FLOOR COVERED PARKING = 280.38 SQ. M
TOTAL COVERED PARKING = 657.78 + 280.38 = 938.16 SQ. M

LOCATION PLAN
SCALE: N.T.S.

KEY PLAN
SCALE: 1" = 130' 0"

Ind-on Equipments Pvt. Ltd.
Director
Late Singh,
AR. BIJAY KUMAR
COA & BRIJUDH
CA/1994/8525

SIGNATURE OF OWNERS/ DEVELOPER
SHAILESH RANJAN
STR. ENGINEER
EMP NO. BRUDHSEZS-0110
UDHD, PATNA (BIHAR)

SIGNATURE OF ARCHITECT
Panna Metropolitan Area Authority
Section of Pna Case No. PMA/Pan/Lea/10
dated. 30.10/2025.....according to
Development Control Regulations Pna Panna
Master Plan 2031 (Replaces no. 9 of Bihar Building
Regulation-2014) has amended 2020 on Date 14/09/2016

Handwritten notes:
14/09/2025
सहायक नगर योजना प्राधिकरण, पटना महानगर क्षेत्र प्राधिकरण
सहायक अभियंता, पटना महानगर क्षेत्र प्राधिकरण
अभियंता, पटना महानगर क्षेत्र प्राधिकरण
विहार भू-समस्या (विनियमन विकास) नियामक, 2017 की शर्तों के अधीन राज्य में मजिस्ट्रियन प्राधिकरण के इस परियोजना का निवेदन अनिवार्य होगा।

TERRACE FLOOR PLAN