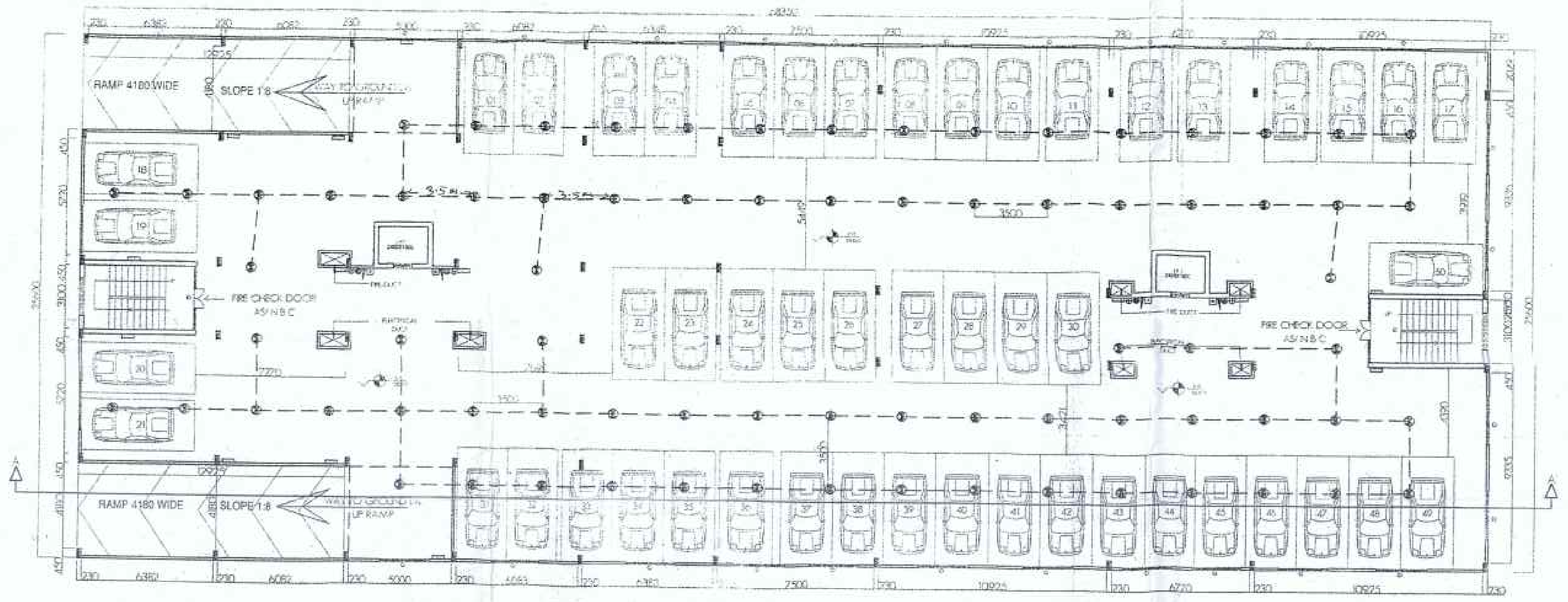
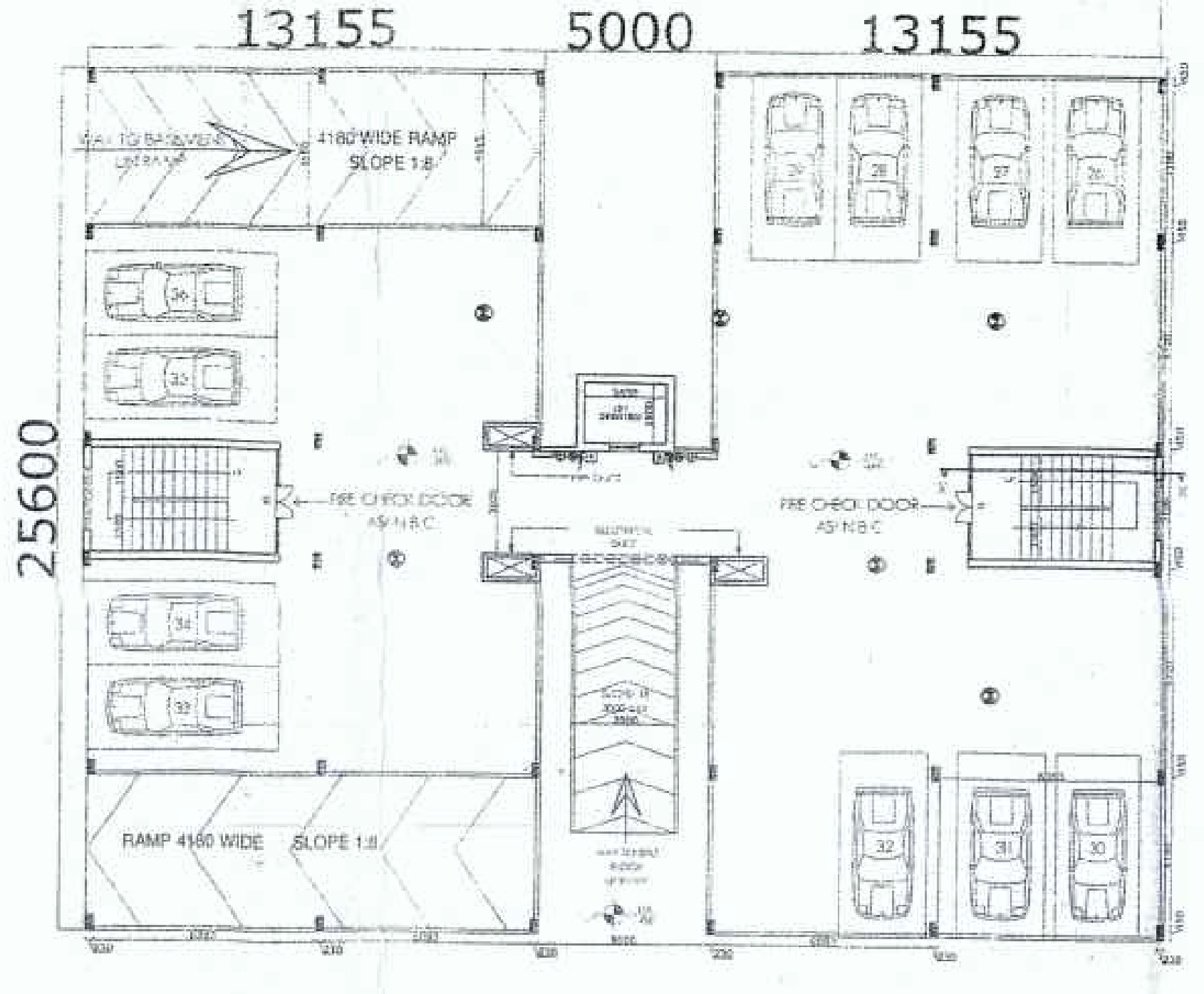
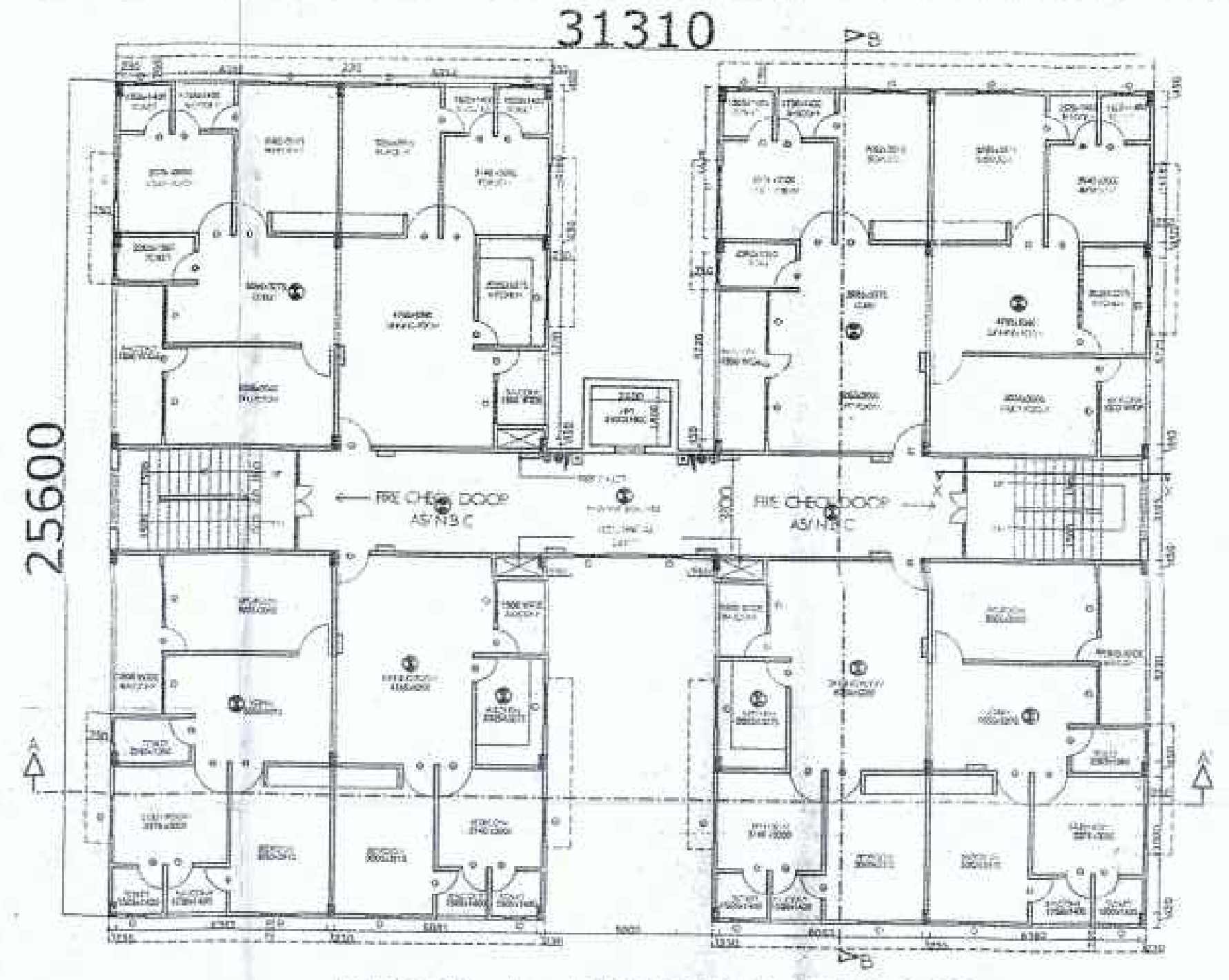
9/6



BASEMENT FLOOR PLAN
(PARKING FLOOR) NO. OF CAR-50
COV. AREA- 1749.77 SQ. MT.



BLOCK - A STILT FLOOR PLAN
PARKING
COV. AREA= 696.32 SQ. MT.



BLOCK - A TYPICAL FLOOR PLAN
(FIRST FLOOR TO FOURTH FLOOR) COV. AREA= 696.69 SQ. MT.
NUMBER OF FLAT IN BLOCK A = 4X4= 16 NOS.

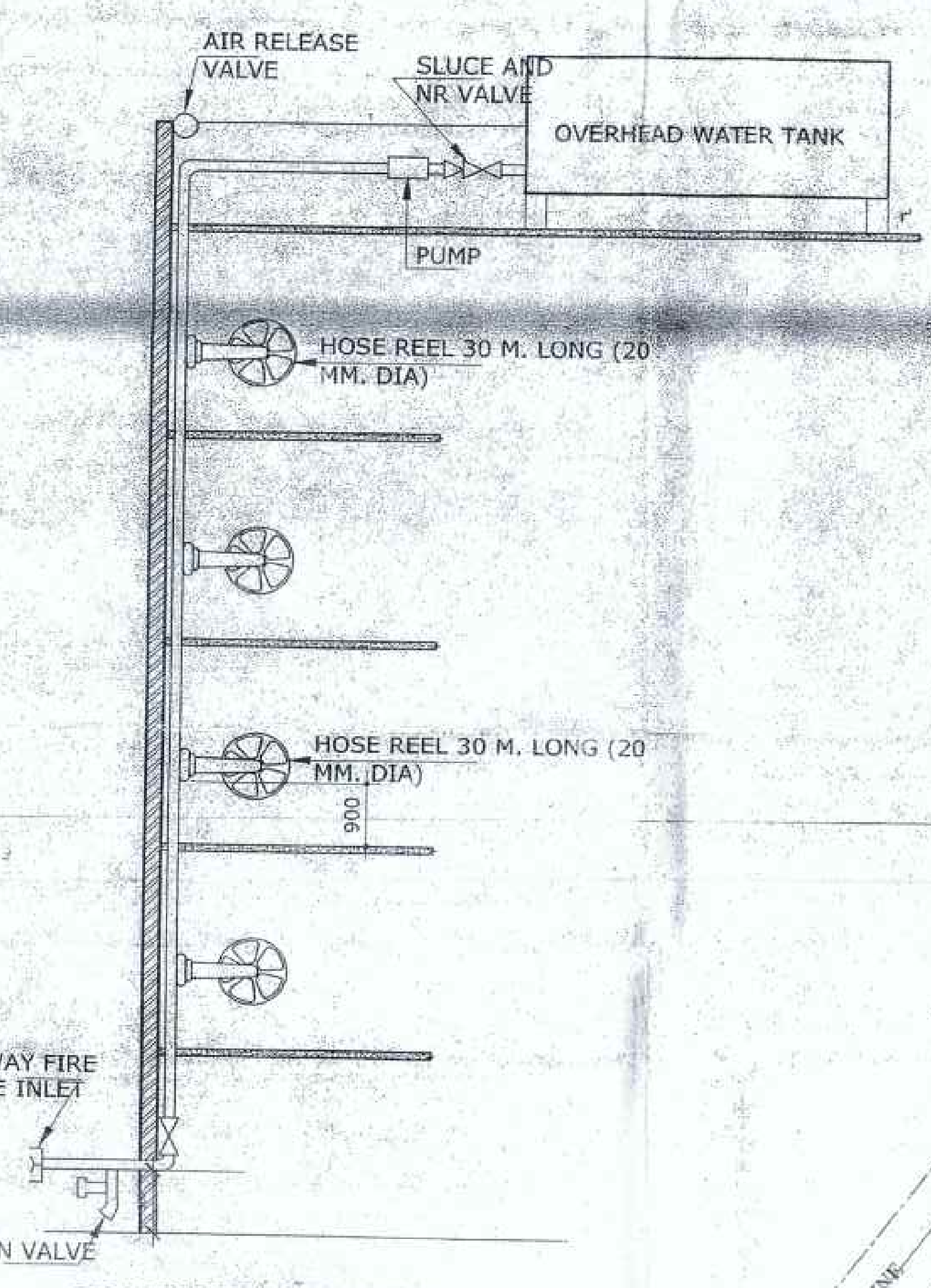
LEGEND

LEGEND : (FIRE FIGHTING & ALARM SYSTEM)

S. No.	SYMBOL	DESCRIPTION	POSITION
1.	◉	IONIZATION TYPE SMOKE DETECTOR	
2.	⦶	OPTICAL TYPE SMOKE DETECTOR	
3.	◐	FIXED CUM RATE OF RISE OF TEMPERATURE TYPE HEAT DETECTOR	
4.	▣	MANUAL CALL POINT (BREAK GLASS TYPE)	1050
5.	▣	ZONAL FIRE ALARM PANEL	2250
6.	▭	RESPONSE INDICATOR	2250
7.	◢	ELECTRONIC HOOTER	2250
8.		END OF LINE RESISTOR	
9.	– – – –	INDICATIVE CONDUIT RUN (FOR FIRE ALARM)	
10.	⊗	9 LIT. WATER CO2 TYPE FIRE EXTINGUISHER	1050
11.	●	4.5 KG. CO2 GAS TYPE FIRE EXTINGUISHER	1000

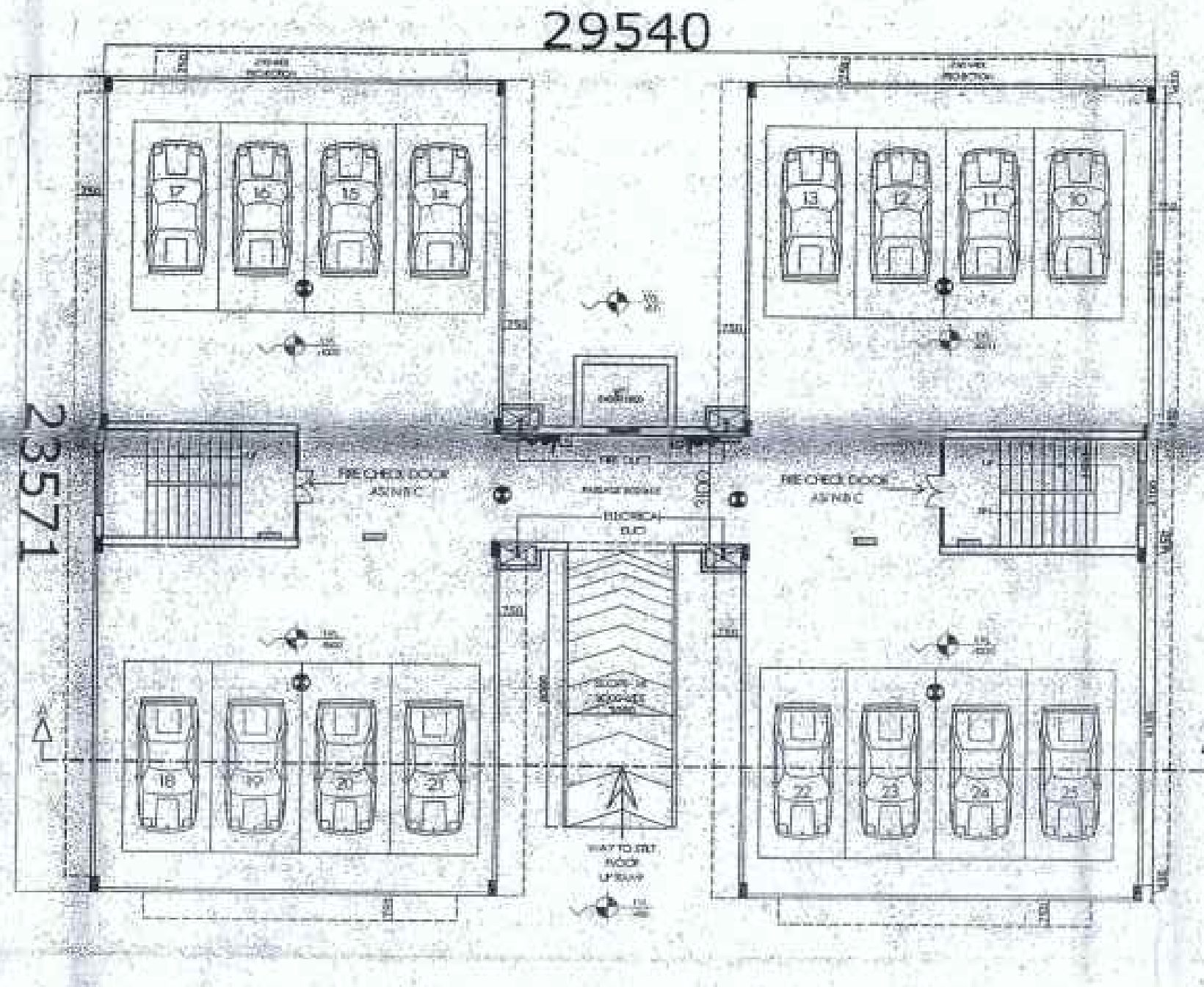
NOTES : (FIRE ALARM SYSTEM)

1. ALL THE DETECTORS / CALL POINTS IN EACH ZONE SHALL BE WIRED IN PARALLEL WITH 2 x 1.5 SQ. M.M. PVC INSULATED COPPER CONDUCTOR WIRES IN CONDUIT AND BROUGHT TO THE FIRE ALARM CONTROL PANEL.
2. FOR THE ZONES WHICH ARE CONNECTED WITH THE SMOKE DETECTOR / MANUAL CALL POINT THE END OF LINE RESISTOR SHALL BE CONNECTED AT THE LAST DETECTOR OR CALL POINT.
3. CONDUIT USED FOR FIRE ALARM CABLES SHALL BE RESERVED EXCLUSIVELY FOR THESE CABLES.
4. ON EACH DETECTOR A NUMBER IS WRITTEN FOR ex ◉ 22 IT INDICATES THAT THIS IS 2ND DETECTOR OF 2ND ZONE.

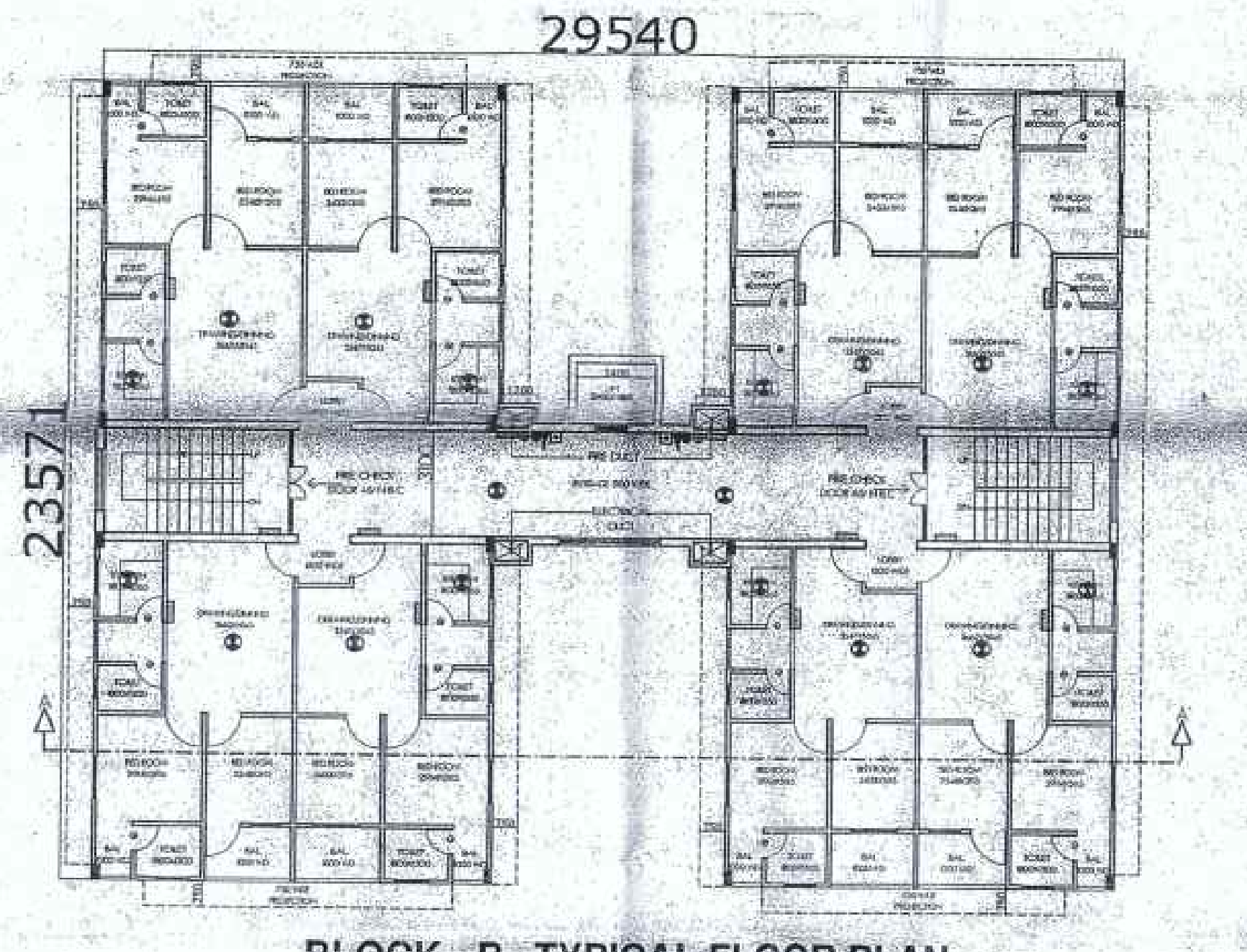


AIR RELEASE VALVE
SLUCE AND NR VALVE
OVERHEAD WATER TANK
PUMP
HOSE REEL 30 M. LONG (20 MM. DIA)
HOSE REEL 30 M. LONG (20 MM. DIA)
THREE WAY FIRE SERVICE INLET
DRAIN VALVE

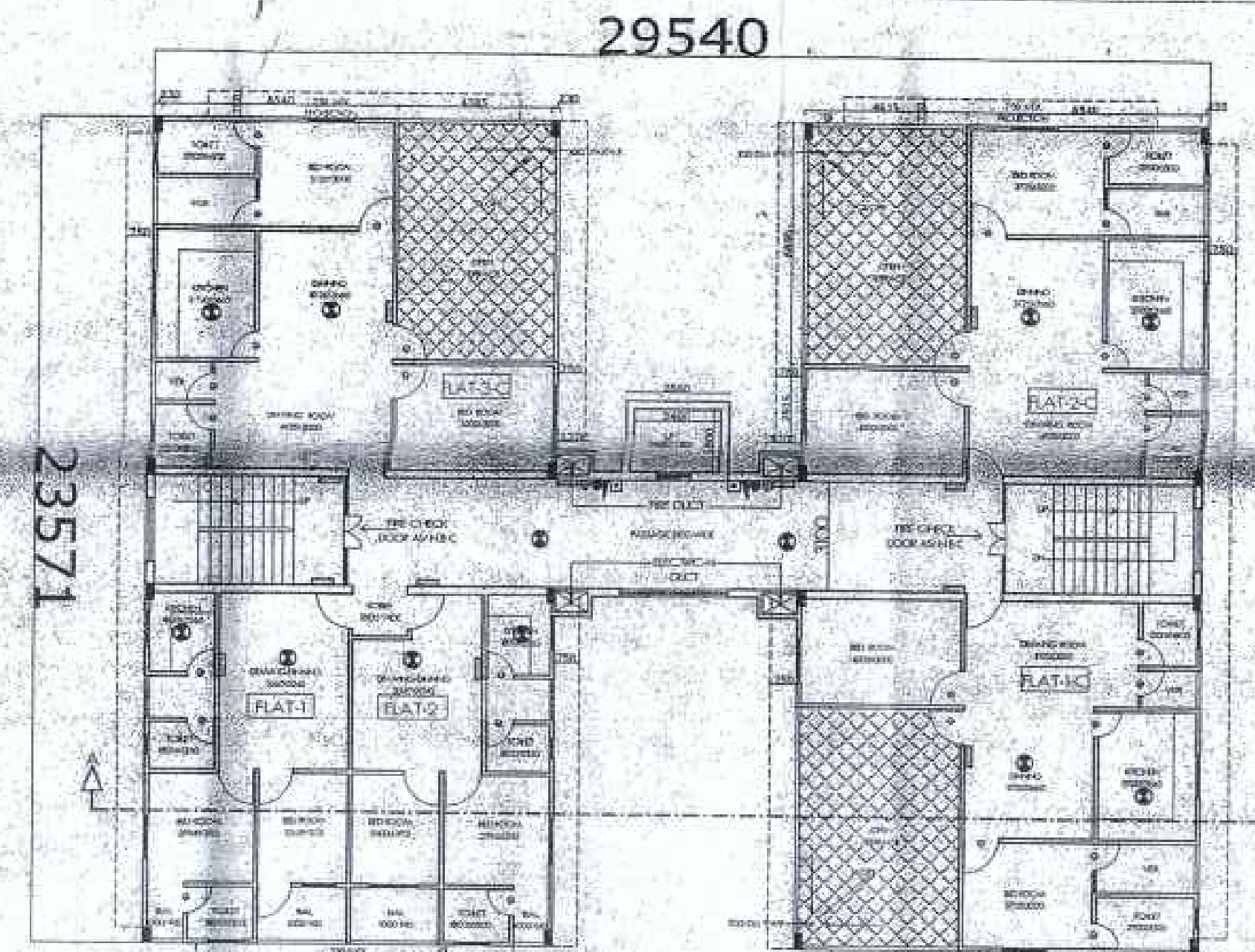
SCHEMATIC TYPICAL ARRANGEMENT OF HOSE REEL
SCALE - N.T.S.



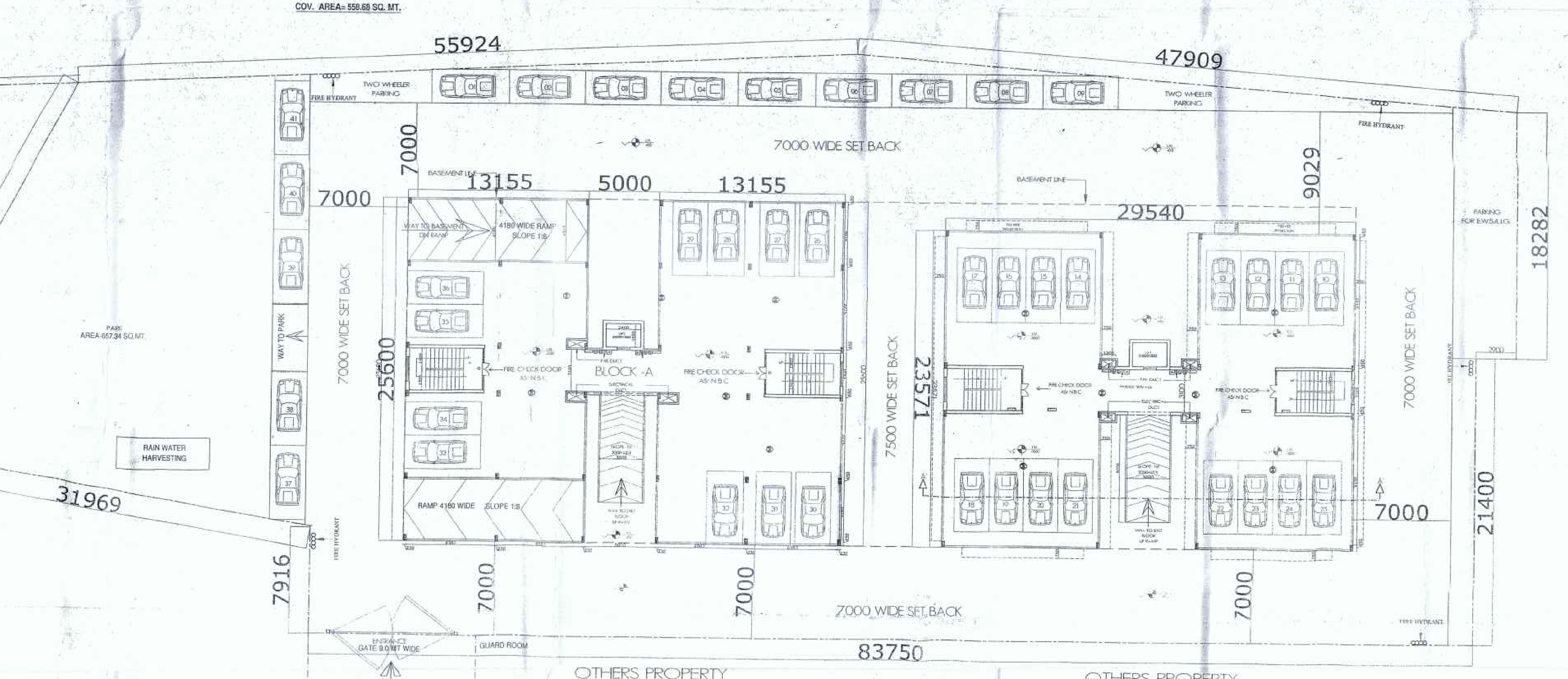
BLOCK - B STILT FLOOR PLAN
PARKING
COV. AREA= 558.68 SQ. MT.



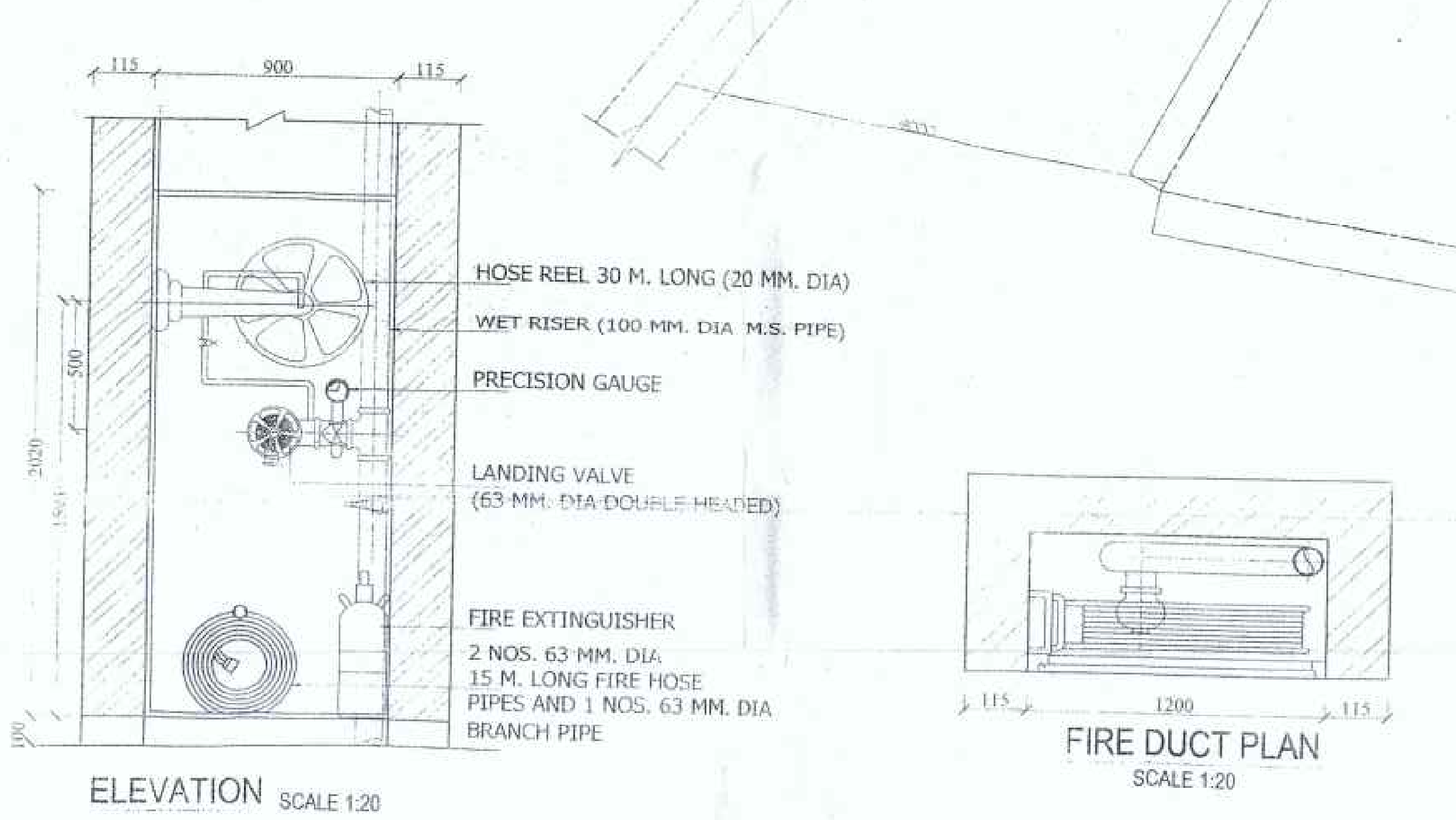
BLOCK - B TYPICAL FLOOR PLAN
(FIRST FLOOR TO FOURTH FLOOR)
TOTAL NUMBER OF FLAT IN BLOCK B= 8X4=32 +5 (ON FIFTH FLOOR)= 37



BLOCK - B FIFTH FLOOR PLAN
NUMBER OF FLAT IN BLOCK B = 2
(COMPENSATORY FLAT FOR L.I.G. & E.W.S. = 3 NOS.)



SITE PLAN / GROUND FLOOR PLAN
(PARKING)



115
900
115
HOSE REEL 30 M. LONG (20 MM. DIA)
WET RISER (100 MM. DIA. M.S. PIPE)
PRECISION GAUGE
LANDING VALVE (63 MM. DIA DOUBLE HEADED)
FIRE EXTINGUISHER
2 NOS. 63 MM. DIA
15 M. LONG FIRE HOSE
PIPES AND 1 NOS. 63 MM. DIA
BRANCH PIPE
1200

ELEVATION SCALE 1:20

FIRE DUCT PLAN
SCALE 1:20

DETAIL OF FIRE FIGHTING DUCT

JOB TITLE

PROPOSED GROUP HOUSING PLAN FOR MR DEEPAK SINGH, MR ALOK SINGH &MR SANJAY SINGH AT KHASRA NO.-83,84,85,89, (MUNICIPAL NO.-498/212), NEAR RAILWAY CROSSING ,10 FAIZABAD ROAD ,MAHANAGAR, LUCKNOW.

AREA STATEMENT

(1) TOTAL PLOT AREA :	= 4229.08 SQM.
(2) GREEN AREA REQUIRED (15%)	= 634.36 sq.mt.
(3) NET PLOT AREA (TOTAL PLOT AREA- GREEN AREA)	= 3594.72 sq. mt.
(4) F.A.R. ALLOWED (NET PLOT AREA X1.5)	= 5392.08 sq.mt.
(5) COVERED AREA ON GROUND FLOOR OF BLOCK -A CAR PARKING PROVIDED PARKING (FREE OF F.A.R.)	= 696.32 sq.mt.
(6) COVERED AREA ON GROUND FLOOR OF BLOCK -B PARKING PROVIDED (FREE OF F.A.R.)	= 558.68 sq.mt.
(7) COVERED AREA ON TYPICAL FLOOR OF BLOCK -A FIRST TO FOURTH FLOOR (UNDER OF F.A.R.)	= 696.32 X 4 = 2785.28 sq.mt.
(8) COVERED AREA ON TYPICAL FLOOR OF BLOCK -B FIRST TO FOURTH FLOOR (UNDER OF F.A.R.)	= 558.68 X 4 = 2234.72 sq.mt.
(9) COVERED AREA ON FIFTH FLOOR OF BLOCK -B (UNDER OF F.A.R.)	= 372.08 sq.mt.
(10) TOTAL COVERED AREA ON BLOCK -A + BLOCK -B UNDER OF F.A.R.	**= 5392.08 sq.mt.**

(11) PERMISSIBLE GROUND COVERAGE (35%)=3594.72X35/100 =1258.15 sq.mt
(12) PROPOSED GROUND COVERAGE (34.91%)=696.32+558.68 =1255.0 sq.mt.
(13) AREA ON BASEMENT =1749.77 sq.mt.
(14) TOTAL NUMBER OF FLAT (16 NOS. OF BLOCK-A+37 NOS. OF BLOCK-B) = 53

FOR GREEN AREA

(1) 15 % OF TOTAL PLOT AREA	= 634.36 sq.mt.
(2) GREEN AREA PROVIDED (15.16%)	= 657.34 sq.mt.

FOR PLATATION DETAIL

(1) 50 NO. TREES REQUIRED FOR EVERY 1 HECTARE OF PLOT AREA
PLOT AREA = 4229.08 sq. mt. = 4229.08/9999.79= 0.429 hectare.
(2) SO NUMBER OF TREES REQUIRED = 0.429X50 = 21.145 = 22 TREES
(1) NUMBER OF TREES PROVIDED = 25 TREE

FOR CAR PARKING

(1) COVERED AREA UNDER F.A.R. = 5136.52 sq.mt.
(2) REQUIRED CAR PARKING PER 100 sq. mt. = 1.5
(3) REQUIRED CAR PARKING = 5392.08X1.5/100 = 80.88 = 81 NOS.
(4) TOTAL PROVIDED CAR PARKING (ON BASEMENT+GROUND)=46+41= 87 NOS.

DRW.NO. 01/02
DATE : DEC.2013
SCALE : 1 : 100

N NORTH

TITLE: **BASEMENT PLAN, STILT FLOOR PLAN & FLOORS PLAN**

CONSULTANT

ELEVATIONS
ARCHITECTS
AND ENGINEERS
42-A ,FIRST FLOOR, HAZRAT GANJ
LUCKNOW-226016,MOBILE :9415090020

FIRE SUBMISSION DRAWING

THIS IS CERTIFIED THAT THIS DRAWING IS PREPARED AS PER RULES & REGULATIONS OF MASTER PLAN 2021

Alok Singh
संजय सिंह

OWNER'S SIGN

ARCHITECT
MOHD. EKARAMULLAH
CA/2012/57131

ARCHITECTS SIGN

दिनांक 24-6-14 को
आवेदक के सामने
सत्यापित है।
24/6/14
अग्निशमन अधिकारी
हजरतगंज, लखनऊ

F-1023/2014/1231/LKO/Lucknow/139/DD
पत्र सं०
की शर्तों
किया
दिनांक 26/6/14
अनुमोदित
मुख्य अग्निशमन अधिकारी
लखनऊ