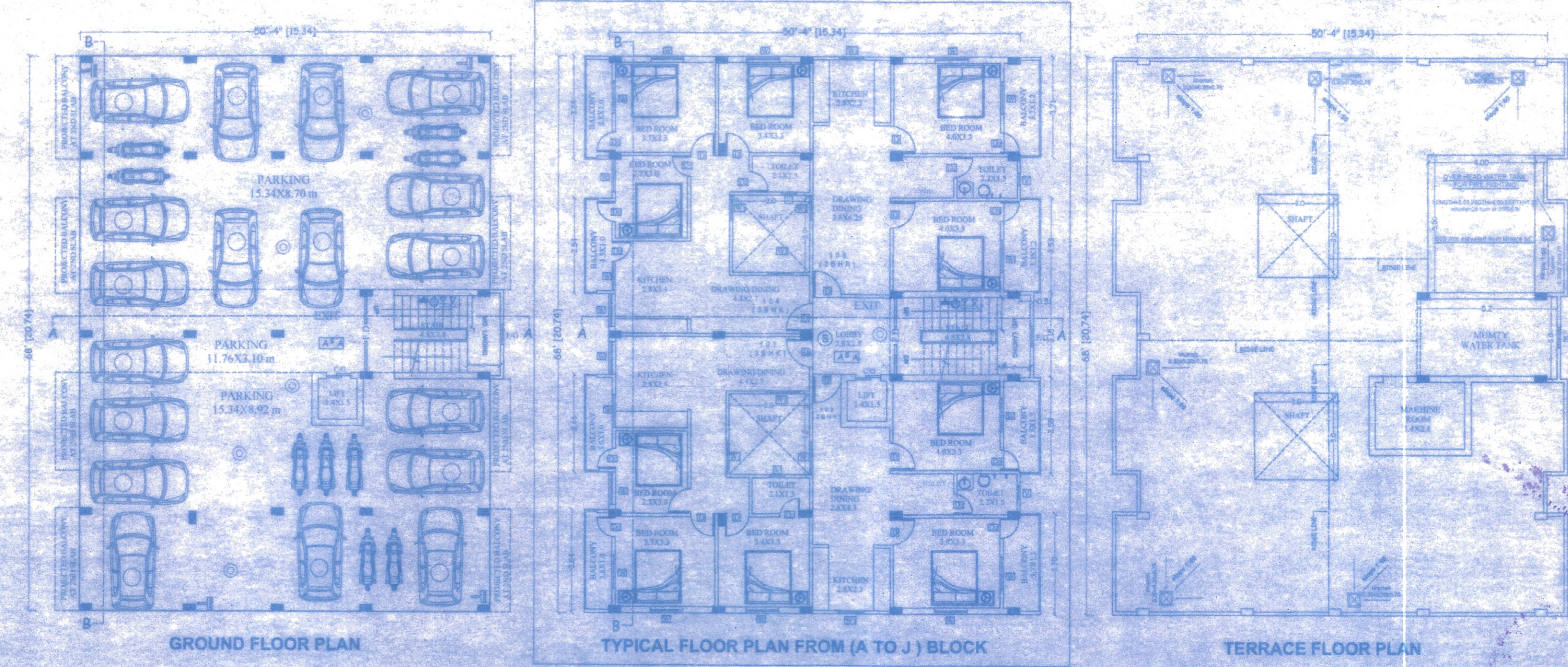
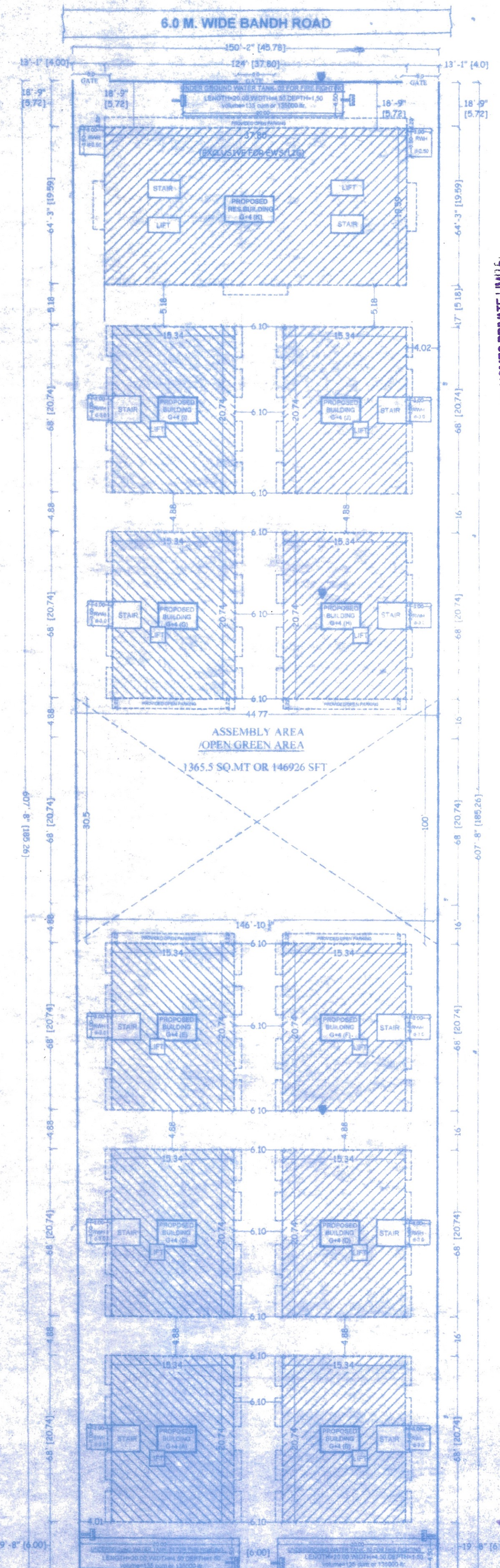
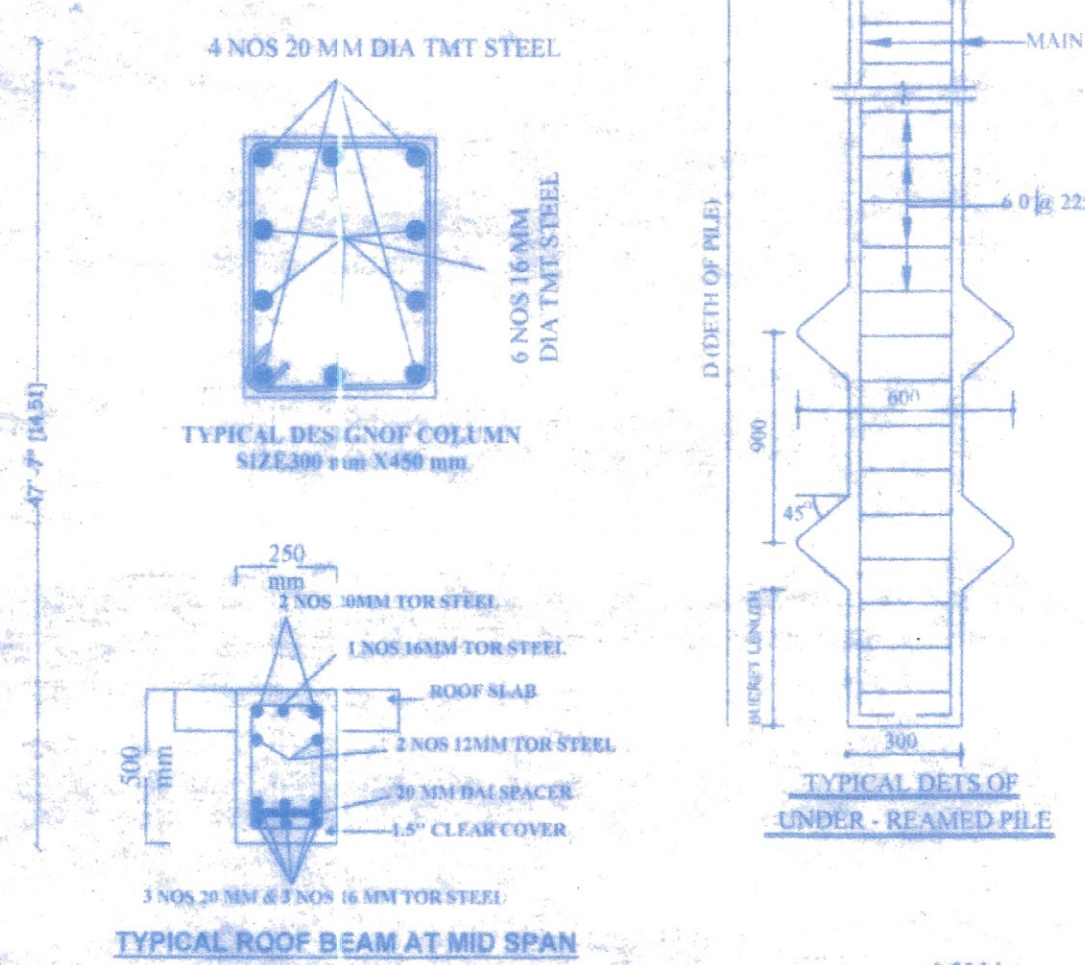
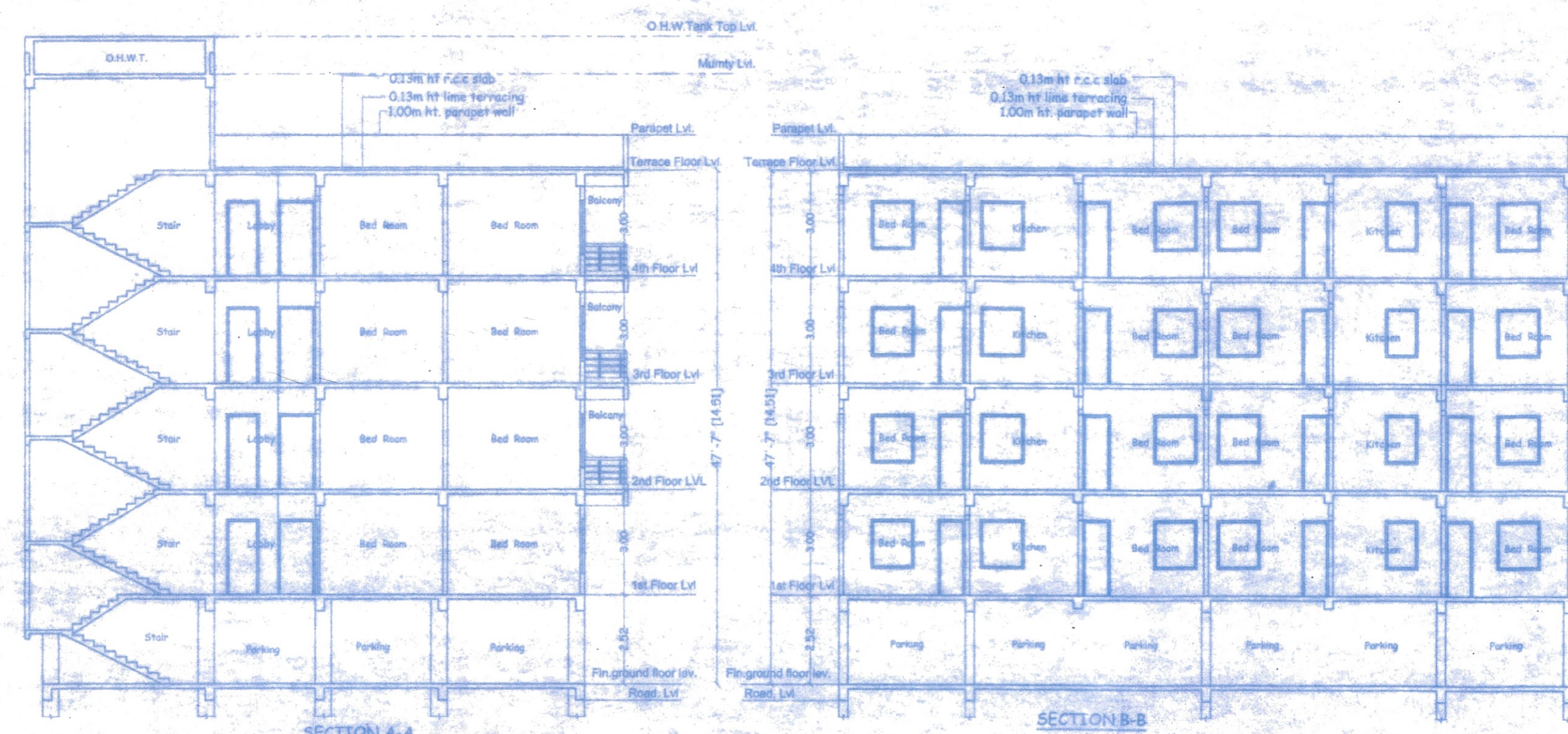
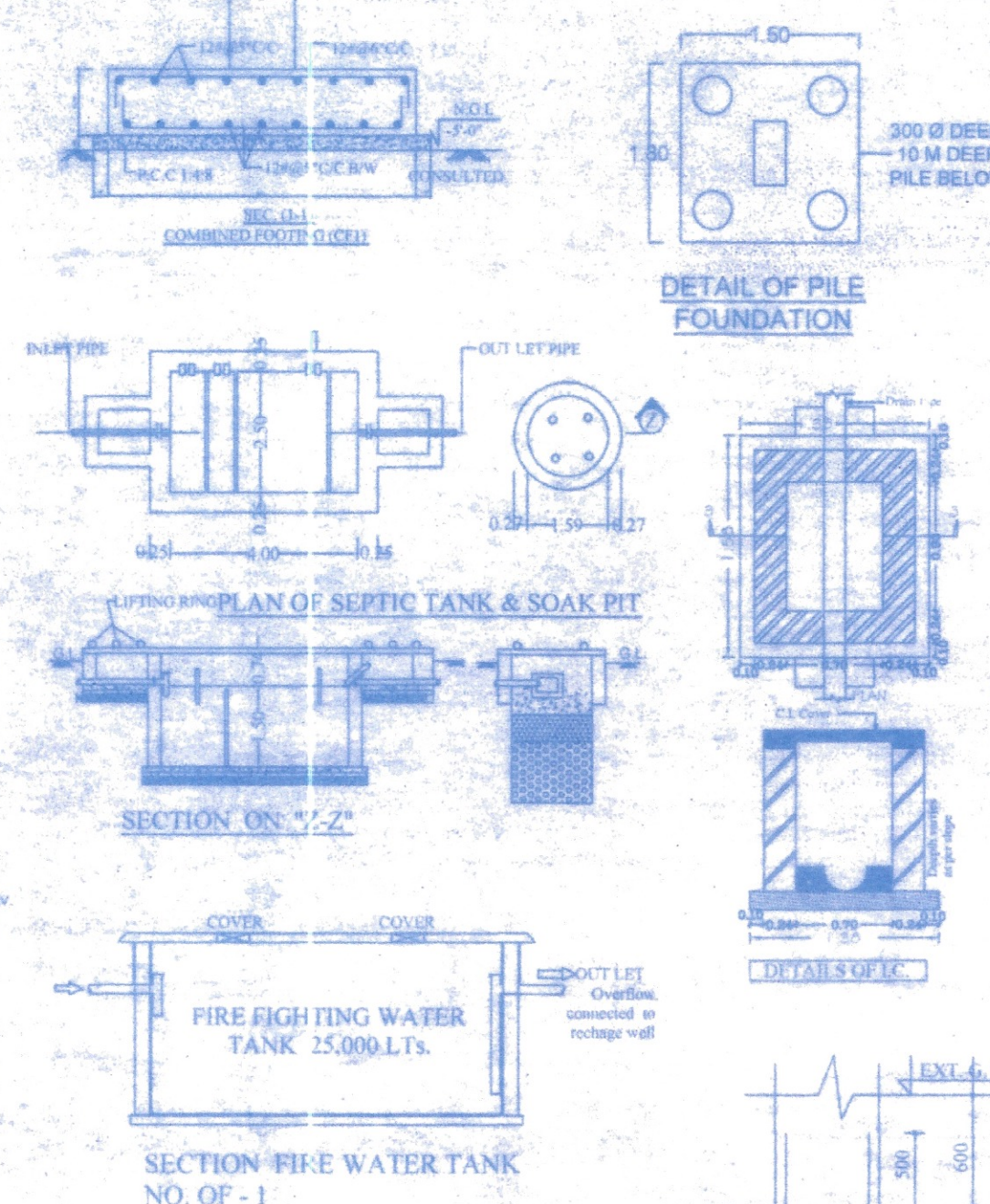
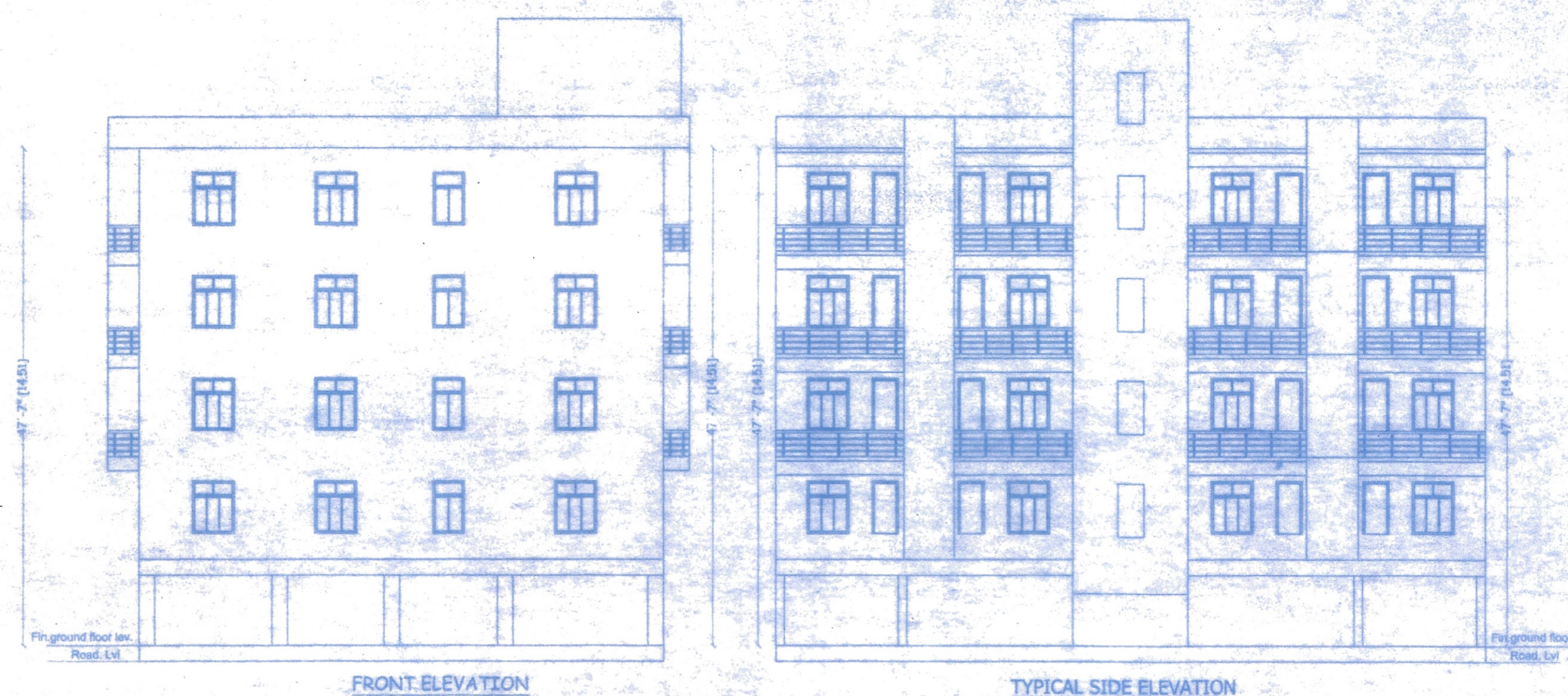




PROPOSED RESIDENTIAL BUILDING G+4 FOR PROJECT NAMED AS
EAST INTERNATIONAL CITY UMESH NAGAR DARBHANGHA TO BE
DEVELOPED BY VASTI HOMES PVT. LTD.
AT - VILL. - SARA MOHAMMAD CIRCLE - DARBHANGHA SADAR
P. S. - SADAR, THANA No. -507, TAUKI No. - 1755, HALKA No. -05
KHATA No. - 81, 85, 41, 52 & 35, /P/ 5/136
KHESRA No. - 261, 265, 266, 267, 268 & 269
JAMABANDI No. - 830, DISTRICT - DARBHANGHA

AREA CALCULATION FROM A TO J BLOCK			
TOTAL AREA OF THIS PLOT : *	=	8387.65	SQ MT
TOTAL GROUND FLOOR PLINTH AREA	=	318.15	SQ MT $\times 10 =$ 3181.50
TOTAL GROUND FLOOR BUILT UP AREA	=	15.76	SQ MT $\times 10 =$ 157.60
TOTAL FIRST FLOOR BUILT UP AREA	=	302.39	SQ MT $\times 10 =$ 3023.90
TOTAL SECOND FLOOR BUILT UP AREA	=	302.39	SQ MT $\times 10 =$ 3023.90
TOTAL THIRD FLOOR BUILT UP AREA	=	302.39	SQ MT $\times 10 =$ 3023.90
TOTAL FOURTH FLOOR BUILT UP AREA	=	302.39	SQ MT $\times 10 =$ 3023.90
TOTAL BUILT UP AREA ON ALL FLOOR	=	1225.32	SQ MT $\times 10 =$ 12253.20
PROJ. BALCONY AREA ON ALL FLOOR	=	27.26/2	= 13.63 $\times 10 =$ 136.30

PARKING CALCULATION FROM A TO J BLOCK

TOTAL B/U AREA = 12389.50 SQ. MT.
@ 25 % OF PARKING AREA = 3097.37 SQ. MT.
TOTAL PROVIDED G F COV. PARKING AREA = 302.39 sq.mt x 10 = 3023.90 sq. mt.
PROVIDED OPEN PARKING AREA = 74.85 SQ. MT.
PROV. TOTAL PARKING AREA = 3023.90 + 74.85 = 3098.75 sq. mt.

SCHEDULE OF DOORS & WINDOWS				
SL NO	TYPE	WIDTH	HEIGHT	DESCRIPTION
1	D	1.05	2.10	FULLY PANNELED DOOR
2	D1	0.90	2.10	DO
3	D2	0.75	2.10	DO
4	W	1.52	1.80	FULLY GLAZED WINDOW
5	W1	1.22	1.80	DO
6	W2	0.90	1.80	DO
7	V	0.60	0.90	DO

SPECIFICATION

- (1) FOUNDATION - R.C.C. GIR GROUP FILE FOUNDATION AS STRUCTURE DESIGN
- (2) SUPER STRUCTURE - 1ST CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTAR
- (3) FLOORING - R.C.C. SLAB 150mm TH. AS SHOWN IN SECTION
- (4) FLOORING - 25mm TH. MOSAIC FLOORING OVER 125mm TH. DTLRY. RAMMED KAKH OVER 19mm TH. B.F. S OVER SAND FILLING
- (5) DOORS - CHOWNWATS OF DOOR TO BE SAL WOOD
- (6) WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
- (7) ROOF - 10mm TH. R.C.C. SLAB, 15mm TH. AGG. LIME TERRACING OVER
- (8) PLASTER - 12mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL, 10mm TH. CEMENT PLASTER ON WALLS AND DOORS

WATER SUPPLY CALCULATION FROM A TO J BLOCK

TOTAL NOS. OF FLAT = $16 \times 10 = 160$
ASSUMING 5.5 PERSONS PER FLAT $16 \times 5.5 = 88 \times 10 = 880$ PERSONS
@ 135 LITERS / PERSONS DAY = $88 \times 135 = 11880 \times 10 = 118800$ LITERS
REQUIREMENT OF WATER TANK FOR 10000 X 10 = 100000 LITERS
SIZE OF OVER HEAD WATER TANK = $5.2 \times 3.0 \times 1.00 = 15.6 \times 10 = 156$ CUM

SEPTIC TANK CALCULATION FROM A TO J BLOCK

TOTAL NOS. OF PERSONS = $88 \times 10 = 880$
REQUIREMENT OF SEPTIC TANK FOR $88 \times 10 = 880$ PERSONS
@ 0.085 CUM PER PERSON PER DAY = $88 \times 0.085 = 7.48 \times 10 = 74.8$ CUM
PROVIDED OF SEPTIC TANK = 9.00 CUM $\times 10 = 90.00$ CUM
SIZE OF SEPTIC TANK - L = 3.00 X W = 2.00 X H = 1.50 = 90.00 CUM. $\times 10 = 90$ CUM

FIRE LEGEND FROM A TO J BLOCK :-

01. ANY/ANT OUT LET VALVE WET ----- 

02. HOSE REEL ----- 

03. SEMAC CONNECTED FOR FIRE ----- 

04. BRIGADE CONNECTED TO WET RISER ----- 

04. ELECTRICALLY INSULATED METAL STRIP ----- 

05. UNDER GROUND TANK FOR FIRE FIGHTING OF 150000 Litrs. x 2 = 2,70,000 Litrs

08.0.H.W.TANK FOR FIRE FIGHTING	25,000 Ltrs. x 10 = 2,50,000 Ltrs	
07.INDICATOR PANEL		
08.FIRE ALARM CALL POINT		
09.AUDIABLE ALARM CALL POINT		
10.LOUDSPEAKER OUTLET		
11.CO2 FIRE EXTINGUISHER		
12.FIRE RESISTANT DOOR		
13.AUTOMATIC SMOKE DETECTOR		

SHEET NO. :- 01		TOTAL NET PLOT AREA = 8387.65 sqm. GREEN AREA REQUIRED @10% OF TOTAL PLOT AREA = 838.77 sqm. PROVIDED GREEN SPACE AREA = 921.50 sqm
SCALE :- 1:100, 1:300	NORTH :- 	

A TO J BLOCK BUILDING DRAWING	WATER HARVESTING SUMP CALCULATION
N - GOV T. MAIN ROAD & DRAIN S E - RAYV. BANDHI E - RAJENDRA JHA W - RAJIB BANJAN JHA & MAHENDRA YADAV & OTHERS	TERRACE FLOOR AREA = 364.87 sqm = 3648.7 sqm; RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA. SO TOTAL REQ. CAPACITY OF SUMP = 4.10 x 6 = 23.212 x 10 = 232.12 CUM PROVIDED TANK SIZE = 3.09 x 3.09 x 6.00 = 57.50 = 270 CUM IN WHICH PROVIDED 27.00 x 10 = 270 CUM FOR RAIN WATER HARVESTING SUMP

SIGN. OF APPLICANT

22.2

THOMAS W. LITTLE

SIGN. OF ARCHITECT <i>Rahman</i> MO. SHANUR RAHMAN	SIGN. OF ENGINEER <i>Tauseef Ales</i> KAI ENGINEERING CONSULTANT Er. TAUSEEF ALES
---	---

Architect JMI, NEW DELHI
Reg. COA- COA/2013/60963
Licence No.- ARCH-38/2016
DARBHANGA NAGAR NIGAM
DARBHANGA

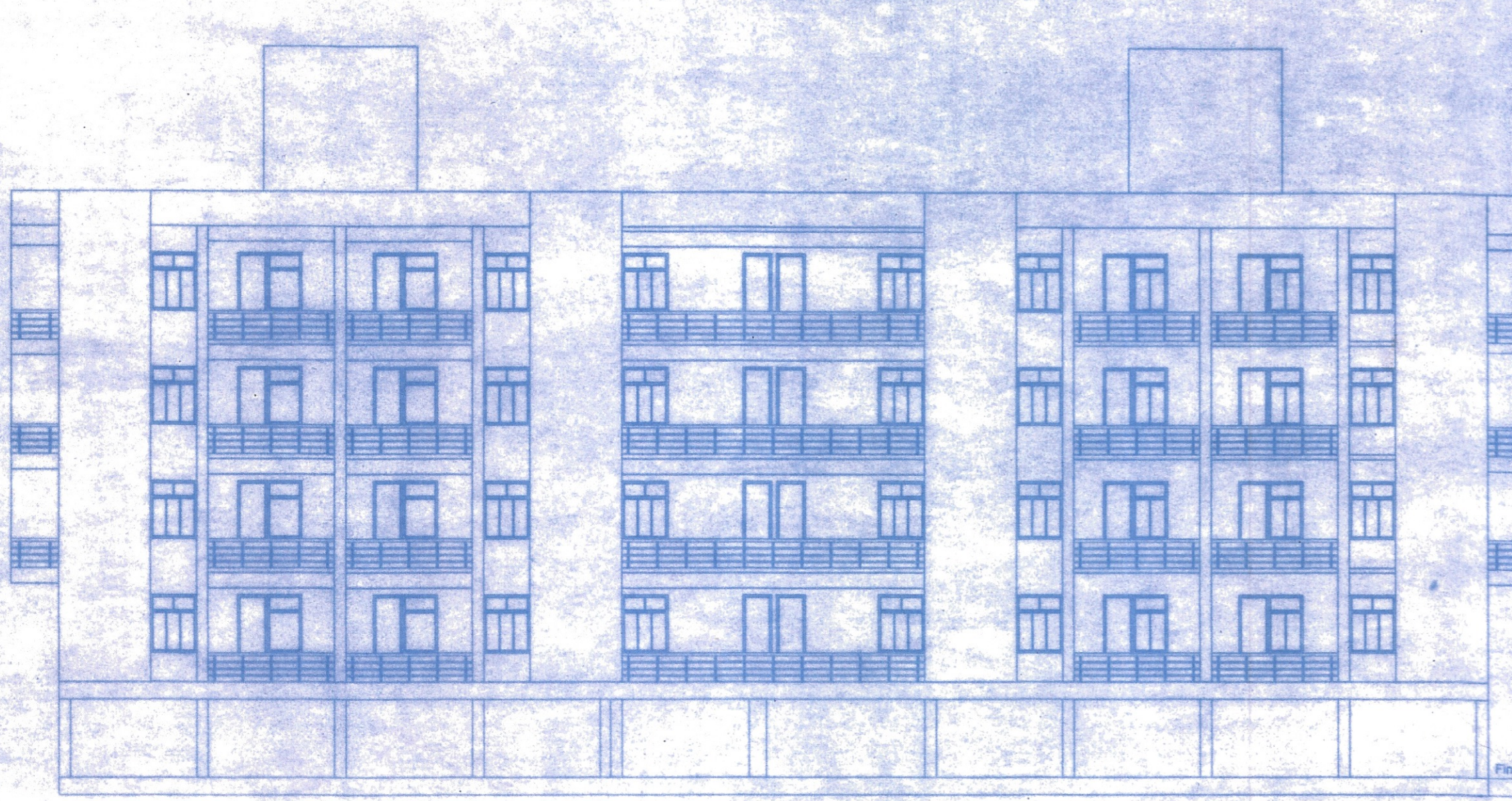
Mob:- 9905220201
Registered Structural Engineer
Urban Development & Housing Department
Reg.No.- BR/UDH/DSE/23/0040

नियंत्रण विभाग (निगम और विकास)
नियंत्रण विभाग 2017 की शर्तों के अधीन
नगर में निर्माण

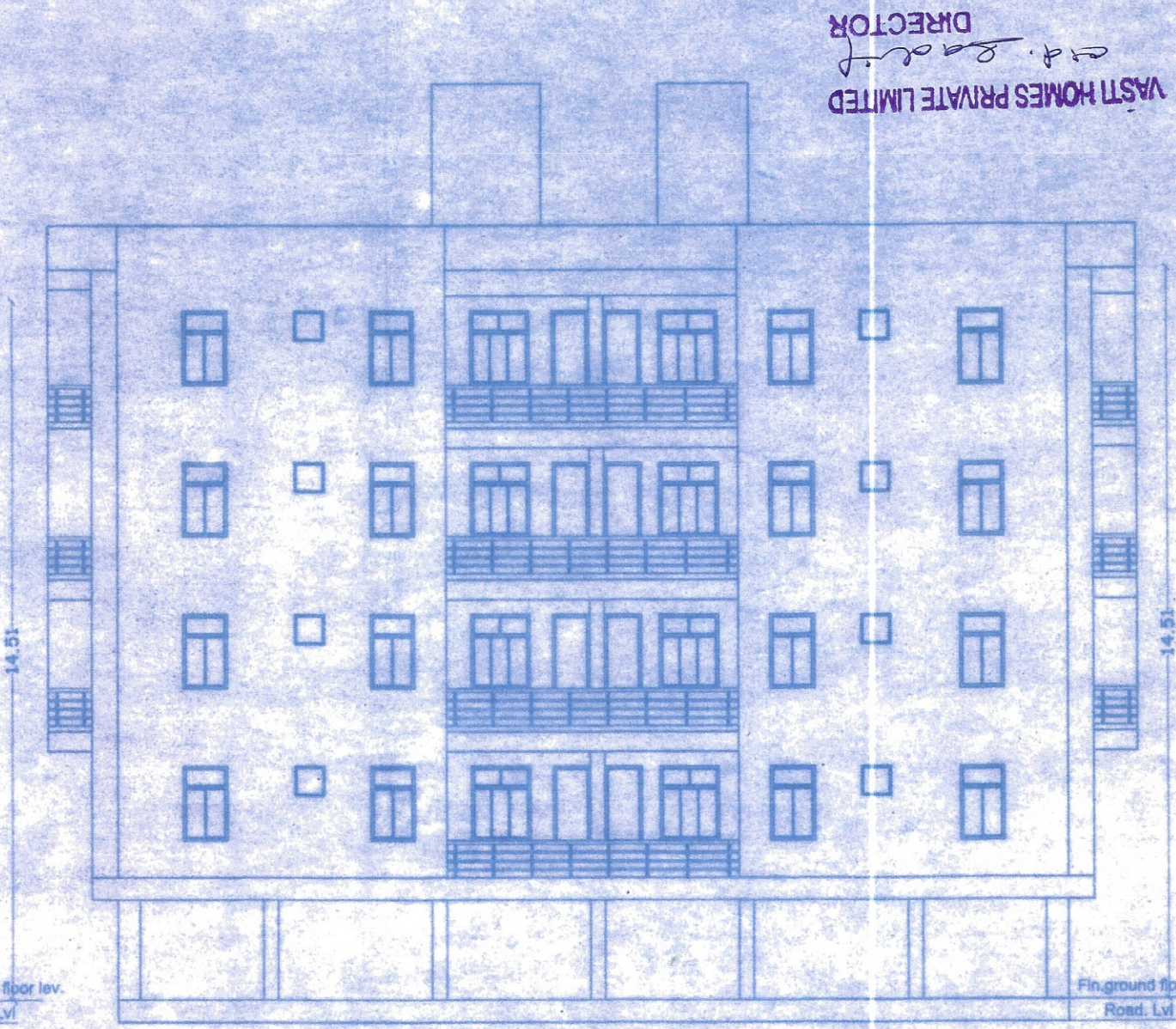
APPROVED BY

संलग्न प्रमाणित प्रमाणिका के
इस परियोजना को निर्बंधन आगिकरण होगा ।

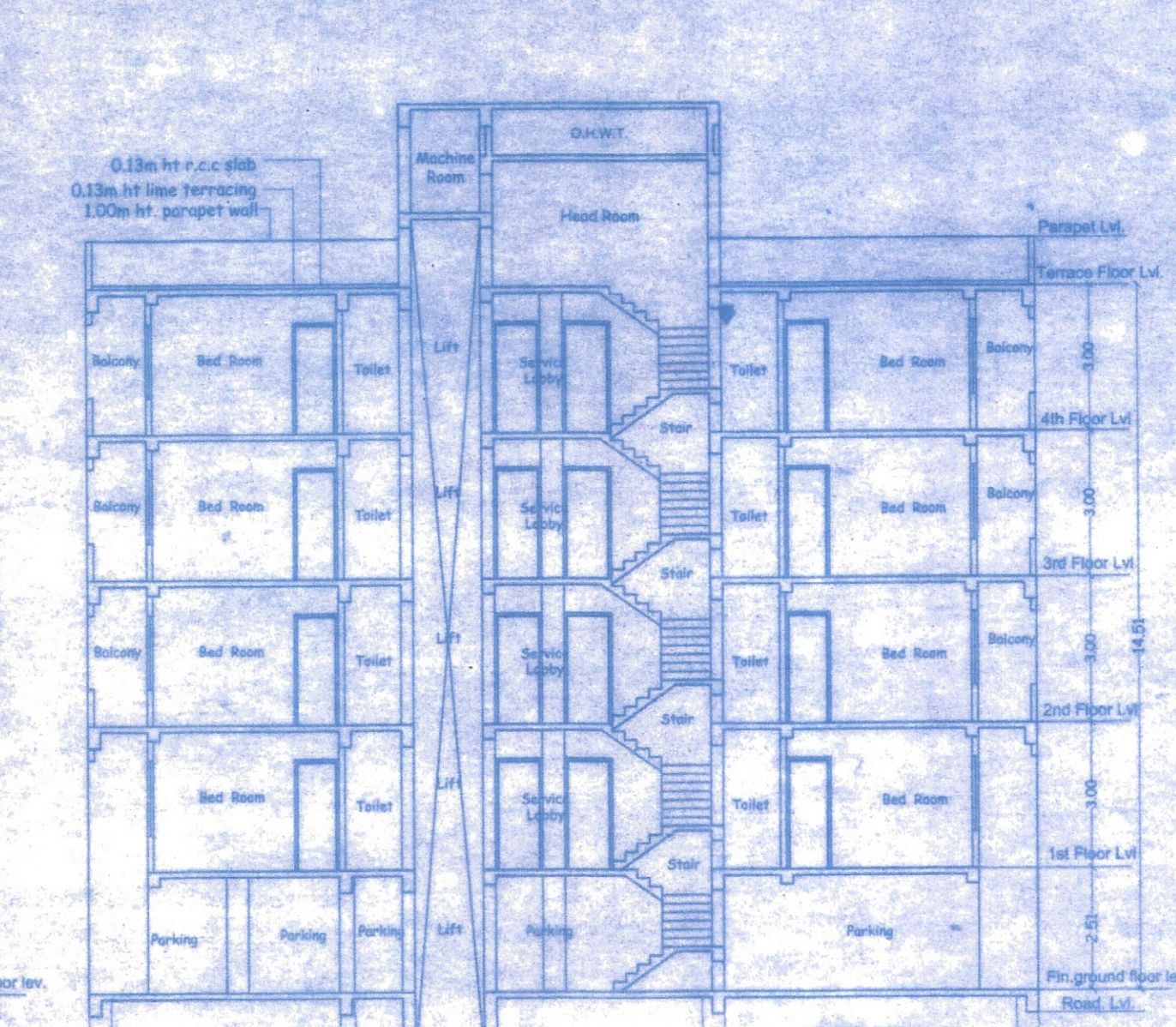
Sant Anan
03/09/2011
Assistant Engineer



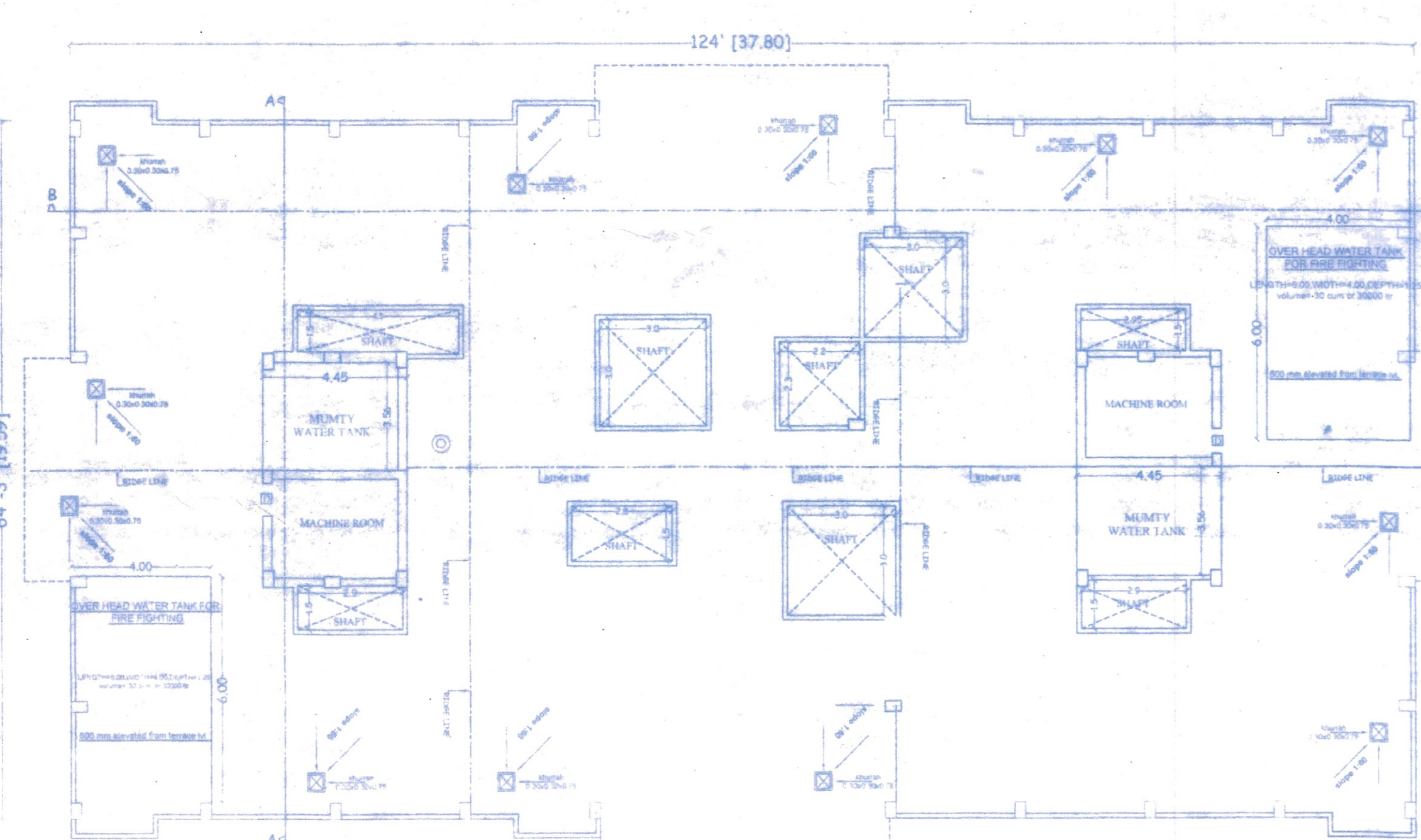
FRONT ELEVATION



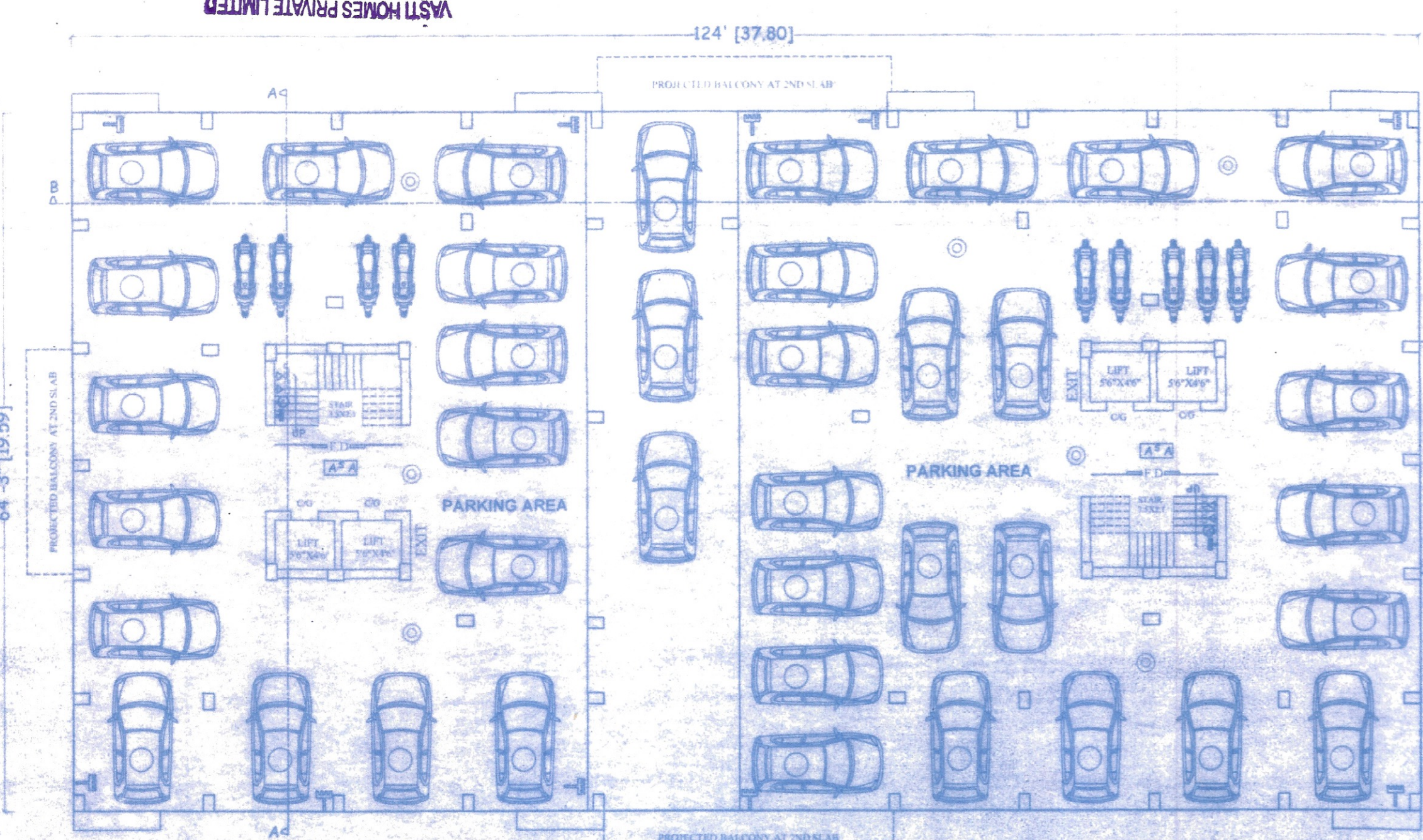
SIDE ELEVATION



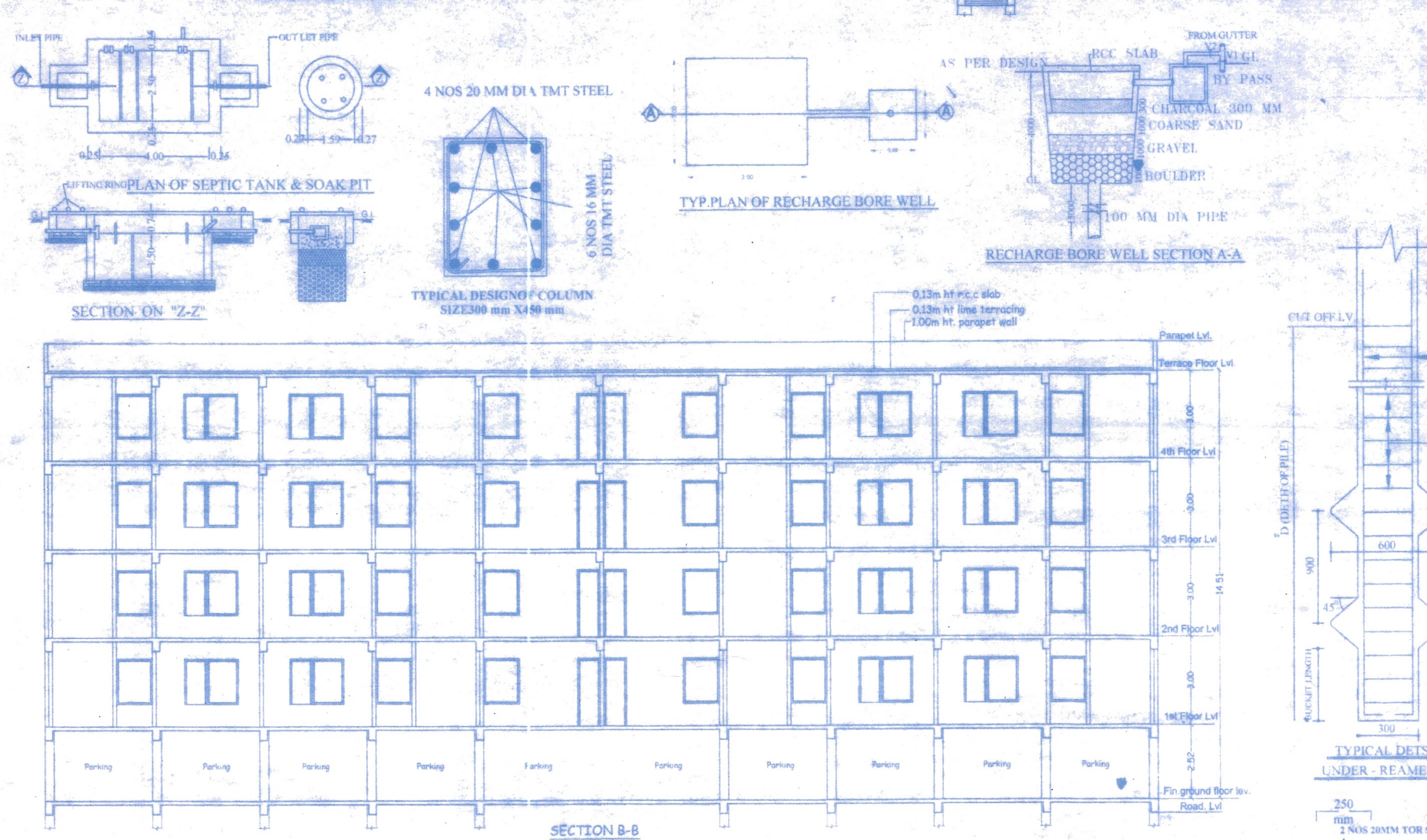
SECTION A-A



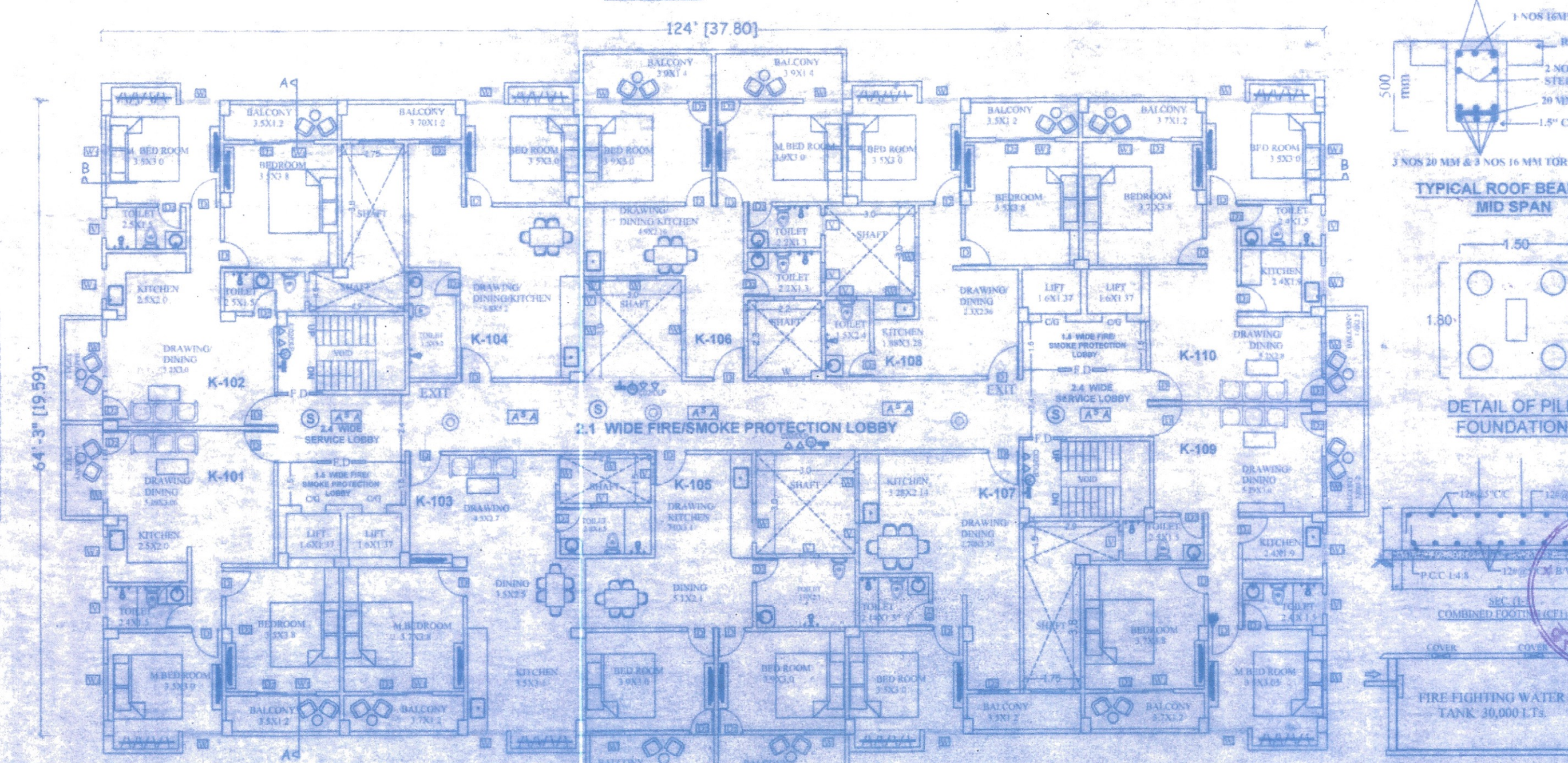
TERRACE FLOOR PLAN



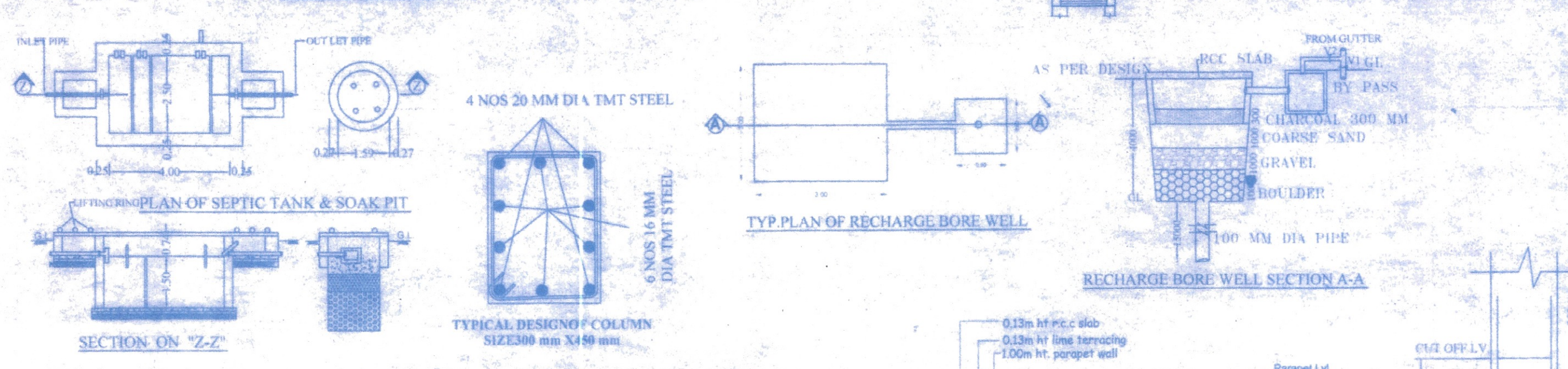
GROUND FLOOR PLAN



SECTION B-B



TYPICAL FLOOR PLAN (K) BLOCK (EXCLUSIVE FOR EWS/LIG)



PROPOSED RESIDENTIAL BUILDING G+4 FOR PROJECT NAMED AS EAST INTERNATIONAL CITY UMESH NAGAR DARBHANGA TO BE DEVELOPED BY VASTI HOMES PVT. LTD.
AT - VILL - SARA MOHAMMAD, P. S. - SADAR CIRCLE - DARBHANGA SADAR
THANA NO - 507, TAUZI NO - 1755, HALKA NO - 05
KHATA NO - 81, 85, 41, 52 & 35, V/P - 5/136
KHESRA NO - 261, 265, 266, 267, 268 & 269
JAMABANDI NO - 830, DISTRICT - DARBHANGA

K BLOCK AREA CALCULATION (EXCLUSIVE FOR EWS/LIG)

TOTAL AREA OF THIS PLOT	= 8387.65 SQ. MT.
TOTAL GROUND FLOOR BUILT UP AREA	= 740.39 SQ. MT.
TOTAL GROUND FLOOR BUILT UP AREA	= 34.00 SQ. MT.
TOTAL FIRST FLOOR BUILT UP AREA	= 706.60 SQ. MT.
TOTAL SECOND FLOOR BUILT UP AREA	= 706.50 SQ. MT.
TOTAL THIRD FLOOR BUILT UP AREA	= 706.50 SQ. MT.
TOTAL FOURTH FLOOR BUILT UP AREA	= 706.50 SQ. MT.
TOTAL BUILT UP AREA ON ALL FLOOR	= 2900.00 SQ. MT.
PROJ. BALCONY AREA ON ALL FLOOR	= 128.25/2 = 64.12 SQ. MT.

PARKING CALCULATION K BLOCK
TOTAL BUILT UP AREA = 2924.12 SQ. MT.
@ 25% OF PARKING AREA = 731.00 SQ. MT.
TOTAL PROVIDED G. F. COV. PARKING AREA = 706.50 sq.mt
PROVIDED OPEN PARKING AREA = 46.12 sq.mt
PROV. TOTAL PARKING AREA = 706.50 + 46.12 = 752.62 sq.mt

FINAL AREA CALCULATION BLOCK A TO K
TOTAL A TO K BLOCK BUILT UP AREA = 18313.82 SQ. MT.
TOTAL A TO K BLOCK GROUND COV. AREA = 3730.46 SQ. MT.
TOTAL A TO K BLOCK PROV. PARKING AREA = 3851.37 SQ. MT.
% OF PARKING AREA = 3851.37 SQ. MT. (25.14%)

A TO K BLOCK BUILDING F.A.R. = 1.8
% OF COVERED AREA = 3922.00 SQ. MT. (46.75 %)
% OF OPEN AREA = 4465.65 SQ. MT. (53.25 %)

SCHEDULE OF DOORS & WINDOWS

SL. NO.	TYPE	WIDTH	HEIGHT	DESCRIPTION
1	D	1.00	2.10	FULLY PANELLED DOOR
2	D1	0.90	2.10	DO
3	D2	0.90	2.10	DO
4	W	1.50	2.10	HALD GLAZED WINDOW
5	W1	1.20	1.80	DO
6	W2	0.90	1.80	DO
7	V	0.90	0.90	DO

SPECIFICATION
(1) FOUNDATION - R.C.C. GIR GROUP PILE FOUNDATION AS STRUCTURE
(2) SUPER STRUCTURE - 1ST CLASS BRICK WORK IN SLUPER STRUCTURE WITH CEMENT MORTAR
(3) PLUMB - HEIGHT P. LEV. & G. LEV. AS SHOWN IN SECTION
(4) FLOORING - 15mm TH. MOSING FLOORING OVER 15mm TH. DRY RAMMED KHOA OVER 75mm TH. B. F. S. OVER SAND FILLING
(5) DOORS - CHOWKATS OF DOOR TO BE GALVANIZED
(6) WINDOWS - ALL WINDOWS TO BE FULLY GLAZED IN STEEL
(7) ROOF - 10mm TH. R.C.C. SLAB, 15mm TH. AVG. LIME TERRAZZO OVER
(8) PLASTER - 15mm TH. CEMENT PLASTER ON BOTH SIDE OF WALL
(9) COLOUR - COLOUR OR WHITE WASH AS CHOICE

WATER SUPPLY CALCULATION K BLOCK
TOTAL NOS. OF FLAT = 40
ASSUMING 5.5 PERSONS PER FLAT 40 X 5.5 = 220 PERSONS
@ 135 LITERS / PERSONS / DAY = 220 X 135 = 29700 LITERS
REQUIREMENT OF WATER TANK FOR 30000 LITERS
SIZE OF OVER HEAD WATER TANK = (4.45X 3.56 X 1.00)X2 = 31.68 CUM.

SEPTIC TANK CALCULATION K BLOCK
TOTAL NOS. OF PERSONS = 220
REQUIREMENT OF SEPTIC TANK FOR 220 PERSONS
@ 0.085 CUM. PER PERSONS PER DAY = 220 X 0.085 = 18.70 CUM.
PROVIDED OF SEPTIC TANK = 24.00 CUM.
SIZE OF SEPTIC TANK - L = 4.50 X W = 5.00 X H = 2.00 = 24.00 CUM.

FIRE LEGEND K BLOCK

01 HYDRANT OUTLET VALVE WET	02 HOSE REEL	03 SEMA CONNECTED FOR FIRE	04 BRIGADE CONNECTED TO WET RUBER	05 SUBSTANTIALLY INSULATED METAL STRIP	06 UNDER GROUND TANK FOR FIRE FIGHTING	07 INDICATOR PANEL	08 FIRE ALARM CALL POINT	09 AUDIBLE ALARM CALL POINT	10 LOUDSPEAKER OUTLET	11 CO2 FIRE EXTINGUISHER	12 FIRE RESISTANT DOOR	13 AUTOMATIC SMOKE DETECTOR	14 AUTOMATIC SPRINKLER INSTALLATION
136,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS	30,000 LTRS

WATER HARVESTING SUMP CALCULATION
TERRACE FLOOR AREA = 776.50 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP = 7.765 X 6 = 46.59 CUM.
PROVIDED TANK SIZE = 3.50X3.00X2.50 = 26.81 X 2.50 = 67.03 CUM.
IN WHICH PROVIDED 52.50 CUM FOR RAIN WATER HARVESTING SUMP.

TOTAL NET PLOT AREA = 8387.65 sqm.
GREEN AREA REQUIRED @ 10% OF TOTAL PLOT AREA = 838.77 sqm.
PROVIDED GREEN SPACE AREA (विनिर्गम क्षेत्र का क्षेत्रफल) = 921.50 SQ. M.
सिपायिका 2017 की शर्तों के अनुसार
हम पाकवर्ग का विकास प्रमाणित कर रहे हैं।
SIGN OF APPLICANT
MD. SHANUR RAHMAN
Architect, JMI, NEW DELHI
Reg. COA - COA/2013/00863
License No. - ARCH-38/2016
DARBHANGA NAGAR NIGAM
DARBHANGA

APPROVED BY:
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ER. TAUSEEF ALAM
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Urban Development & Housing Department
Reg.No- BR/UDHSE/23-0048
Assistant Engineer
Urban Development & Housing Department
DARBHANGA
धुस कानूनन कर्मचारी
राम अजयन प्रो. प्रोफ. रमेश

VASTI HOMES PVT. LTD.
DARBHANGA
DIREC.