

CONTENT : SERVICES PLAN, UNDER GROUND WATER TANK DETAILS, SEPTIC TANK DETAILS & CALCULATIONS

STAMP OF APPROVAL

Approved subject to conditions mentioned in Commencement Certificate issued by the office bearing certificate no. CIDCO/NAINA/Panvel/Akurli/BP-00661/CC /2023/0414, dated 11 August 2023

Digitally signed by SWATI POHEKAR Date: 2023.08.11 16:10:26 +05'30'

LEGENDS

ITEM	SITE PLAN	BUILDING PLAN
PLOT LINES	---	---
EXISTING STREET	---	---
FUTURE STREET	---	---
BUILDING LINE	---	---
FSI LINE	---	---
MARGINAL OPEN SPACES	NO COLOUR	NO COLOUR
PROPOSED WORK	---	---
DRAINAGE & SEWERAGE WORK	---	---
WATER SUPPLY WORK	---	---
RWH LINE	---	---
S.W. DRAIN	---	---
RECREATIONAL OPEN SPACES	---	---

PROFORMA - II CERTIFICATE OF AREA

CERTIFIED THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON 08/10/2022 AND THE DIMENSIONS OF SIDES ETC. OF PLOT STATED ON PLAN ARE AS MEASURED ON SITE AND THE AREA SO WORKED OUT TALLIES WITH THE AREA STATED IN DOCUMENT OF OWNERSHIP T.P. SCHEME RECORDS/ LAND RECORDS DEPARTMENT/CITY SURVEY RECORDS.

For KONKAN SHRUSTI INFRA DEVELOPERS LLP
 Authorised Partner
 AR. DEEPAK THAKARE
 SIGNATURE OF LICENSED ARCHITECT

DATE	JOB NO.	DRG NO.	SCALE	DRAWN BY	CHECKED BY
10/10/2022	VST/NAINA/	01	AS SHOWN AS	RAKH	RAKH

DESCRIPTION OF PROPOSAL AND PROPERTY
 DEVELOPMENT PERMISSION FOR PROPOSED RESIDENTIAL BUILDING ON FINAL PLOT NO. 23, TPS-01, AT AKURLI, TALUKA - PANVEL, DIST - RAIGAD.

NAME OF OWNER
 M/s. KONKAN SHRUSTI INFRA DEVELOPERS LLP.
 BUILDING NO. 306, 2ND FLOOR MILLENNIUM BUSINESS PARK, SECTOR-2, KOPAR KHAIRANE, THANE, NAVI MUMBAI. 400710.
 FOR,

For KONKAN SHRUSTI INFRA DEVELOPERS LLP
 Authorised Partner,
 Mr. VIMAL DILIP SHAH.

FORM OF CERTIFICATE

I, (AR. DEEPAK THAKARE) HAVE BEEN EMPLOYED BY THE APPLICANT AS HIS ARCHITECT / LICENSED ENGINEER / STRUCTURAL ENGINEER / SUPERVISOR. I HAVE EXAMINED THE BOUNDARIES AND THE AREA OF THE PLOT AND I DO HEREBY CERTIFY THAT I HAVE PERSONALLY VERIFIED AND CHECKED ALL THE STATEMENTS MADE BY THE APPLICANT WHO IS THE OWNER/ LESSEE IN POSSESSION OF THE PLOT AS IN THE ABOVE FORM AND FOUND THEM TO BE CORRECT.
 DATE : 06/10/2022

ADDRESS:
 3RD FLOOR, HANU DHAM BLDG., A-509, PLOT NO. 09, SECTOR-11, C.B.D.-BELAPUR, NAVI-MUMBAI, 400614.
 dpt@deepakthakare.com
 PH: 9820042238

SIGNATURE, NAME OF LICENSED ARCHITECT
 AR. DEEPAK THAKARE
 CA/92/14485

ADDRESS OF LICENSED ARCHITECT
 DPT DEEPAK P. THAKARE
 ARCHITECTS & PLANNERS
 3RD FLOOR, HANU DHAM BLDG., A-509, PLOT NO. 09, SECTOR-11, C.B.D.-BELAPUR, NAVI-MUMBAI, 400614.
 PH: +9198 2004 2238
 dpt@deepakthakare.com

SEPTIC TANK REQUIREMENT

BUILDING NUMBER	NUMBER OF TENEMENT	ADDITIONAL TOILET	POPULATION	WATER REQUIREMENT							FLOW TO SEWER			TOTAL FLOW TO SEPTIC 100%	SEPTIC TANK PROVIDED SIZE	CAPACITY
				FLUSHING		FLUSHING ADDITIONAL TOILET		DOMESTIC		TOTAL	FLUSHING 100%	DOMESTIC 85%	TOTAL			
				LPCD	LPD	LPCD	LPD	LPCD	LPD							
1	24.00	28.00	120.00	54.00	6480.00	36.00	1008.00	135.00	16200.00	23688.00	7488.00	13770.00	21258.00	6.00 X 2.00 X 3.00	36000.00	
TOTAL	24.00	28.00	120.00	54.00	6480.00	36.00	1008.00	135.00	16200.00	23688.00	7488.00	13770.00	21258.00		36000.00	

NOTE:
 I. LPCD = LITER PER CAPITA PER DAY.
 II. LPD = LITER PER DAY.
 III. FOR SEPTIC TANK CAPACITY FLUSHING & DOMESTIC FLOW TO SEWER WILL BE 100% & 85% RESPECTIVELY.
 IV. SIZE OF SEPTIC TANK IS EXCLUDING FREEBOARD.

WATER STORAGE CAPACITY CALCULATION

BUILDING NUMBER	TOTAL NUMBER OF UNITS	ADDL. TOILET	POPULATION	WATER REQUIREMENT (IN LITER)			UNDERGROUND WATER TANK PROVIDED		
				ADDL. TOILET	POPULATION	TOTAL	TANK NUMBER	SIZE/DIMENSION	CAPACITY
1	24	28	120	54	6480	7500	1	7.00 X 3.50 X 3.00	73500.00
TOTAL	24.00	28.00	120.00	54.00	6480.00	73500.00	1.00		73500.00

NOTE:
 I. FOR RESIDENTIAL UNIT 5 PERSON PER TENEMENT.
 II. WATER REQUIREMENT PER CAPITA = 135 (DOMESTIC) + 54 (FLUSHING) = 189 LITER PER CAPITA
 III. WATER REQUIREMENT FOR ADDITIONAL TOILET = 180 LITER PER TENEMENT
 IV. SIZE OF WATER TANK IS EXCLUDING THE FREEBOARD.

OVERHEAD WATER TANK CAPACITY CALCULATION

BUILDING NUMBER	USE	WATER CAPACITY		WATER REQUIRED		OVERHEAD WATER TANK PROVISION	
		(LITER)	(LITER)	(LITER)	(LITER)	TANK SIZE (METER)	NUMBER OF TANK
1	RESIDENTIAL	41580.00	20790.00	5.40 X 3.75 X 2.40	1.00	49000.00	
	FIRE FIGHTING	20000.00	20000.00	2.30 X 3.75 X 2.40	1.00	21000.00	
TOTAL		61580.00	40790.00		2.00	70000.00	

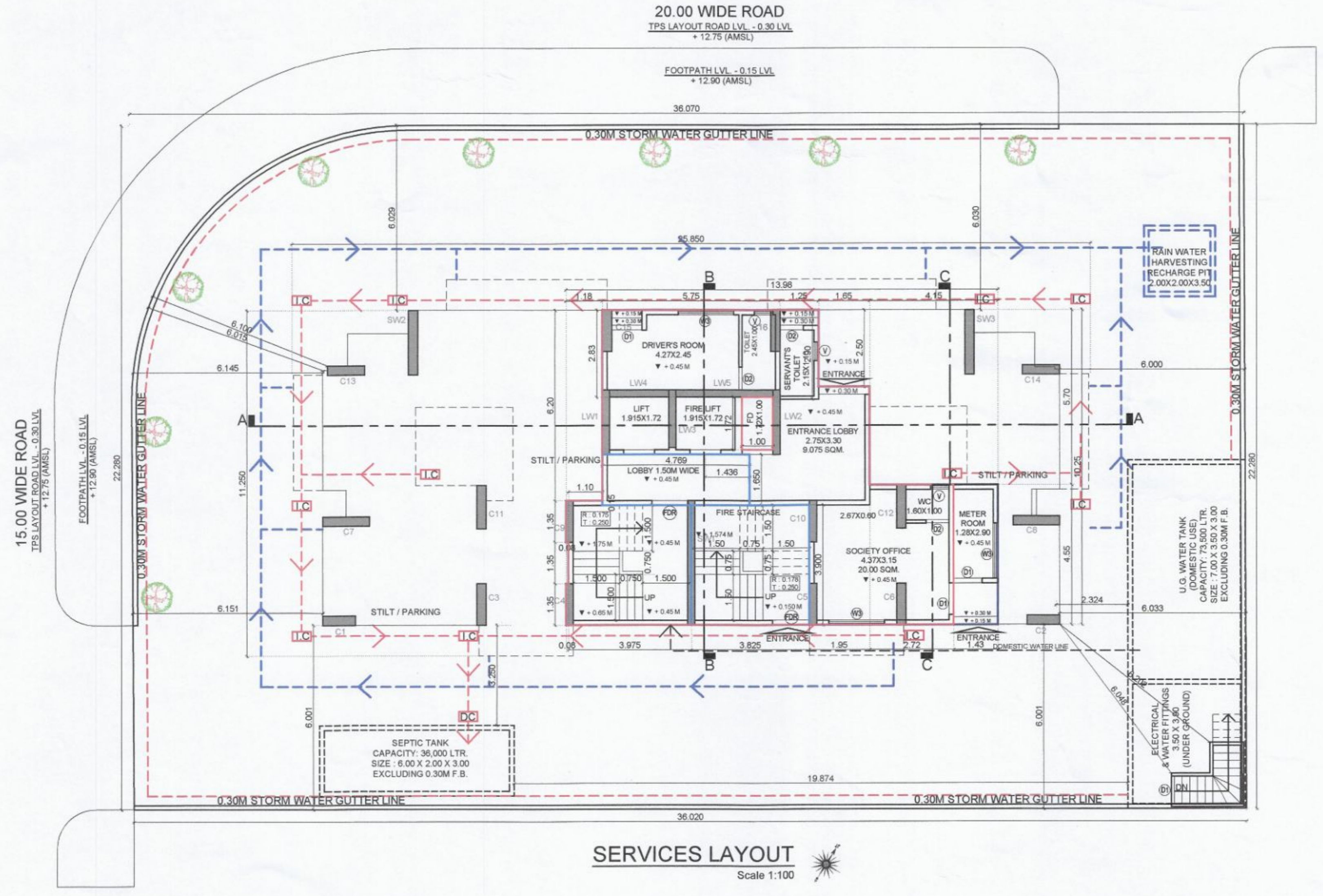
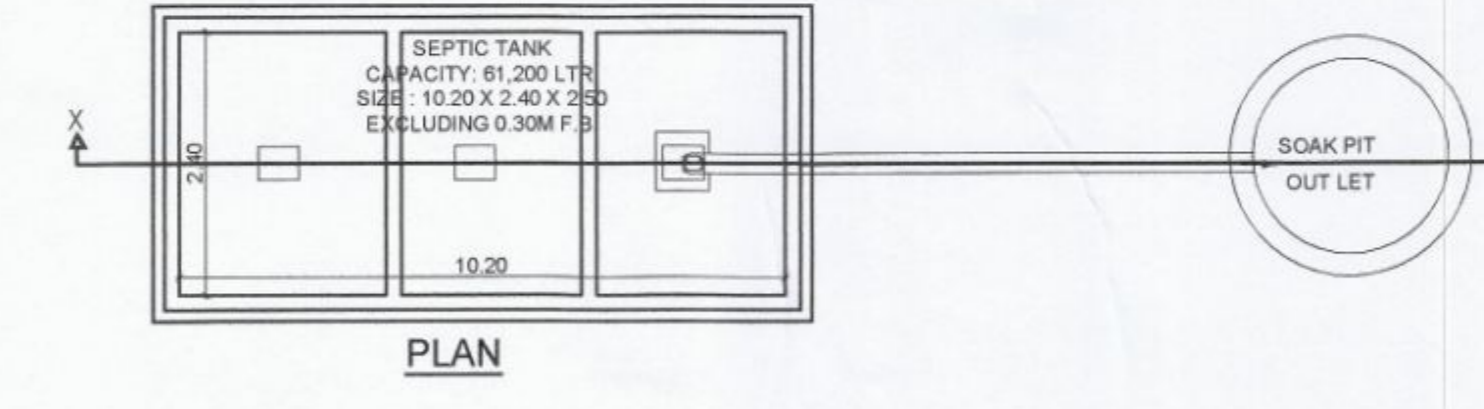
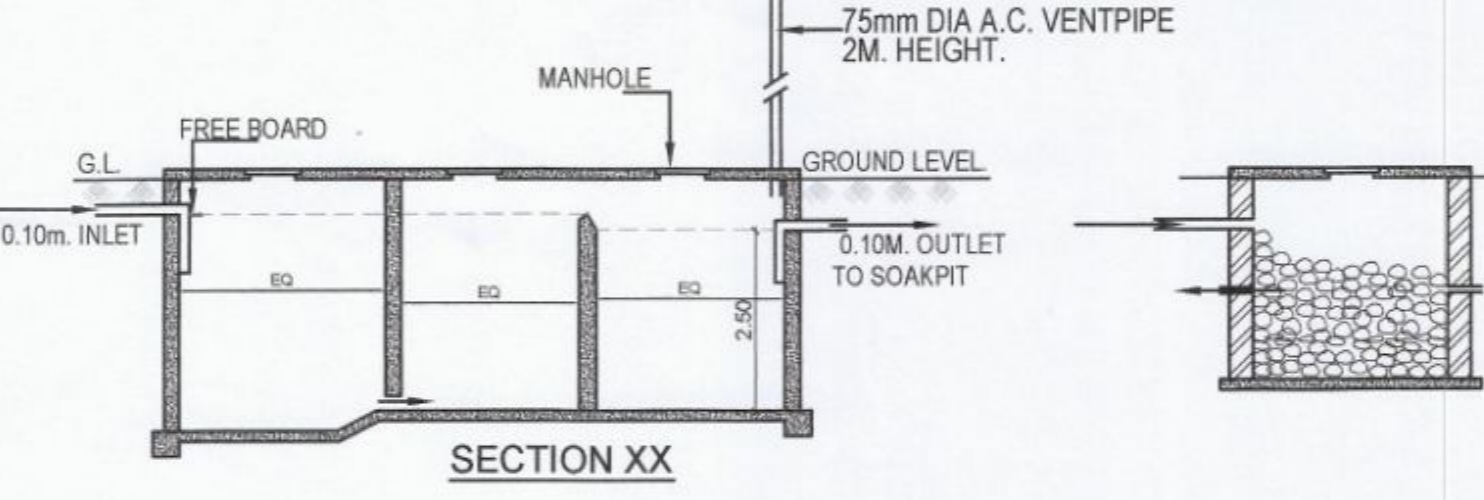
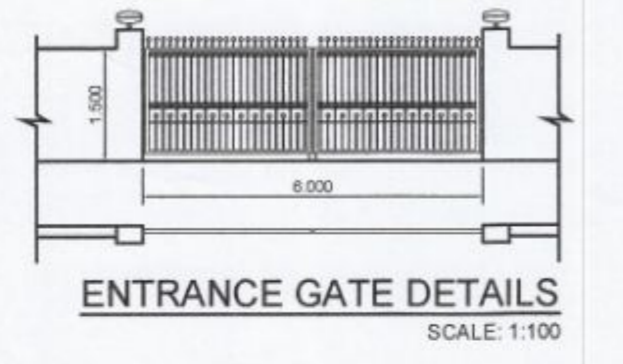
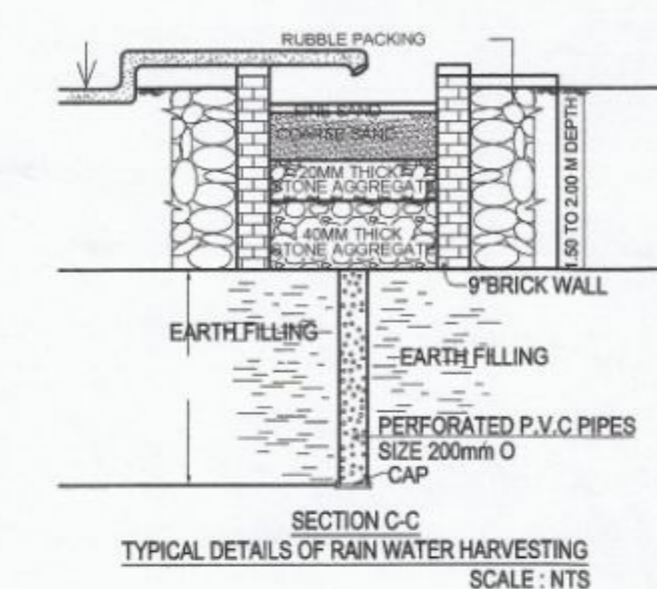
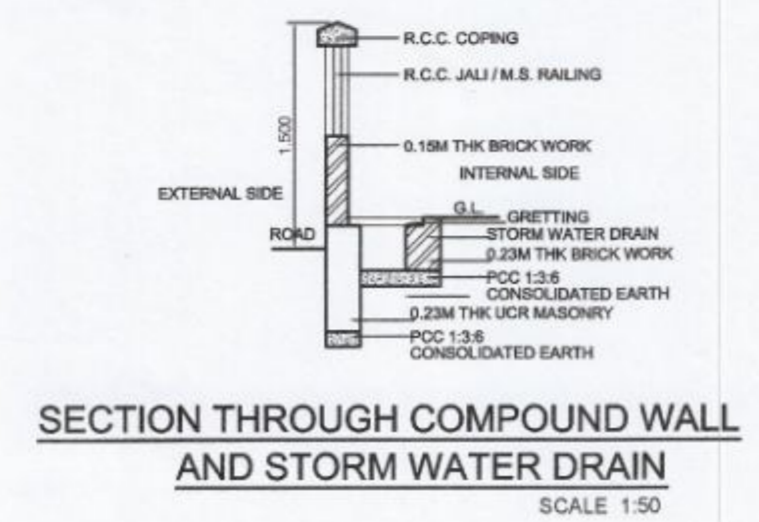
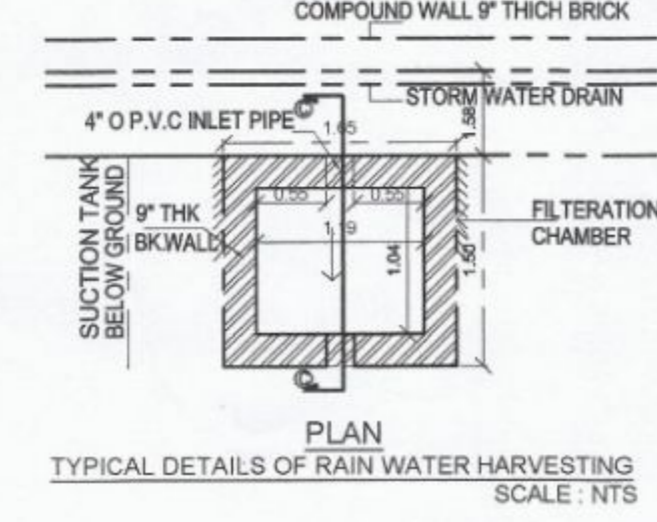
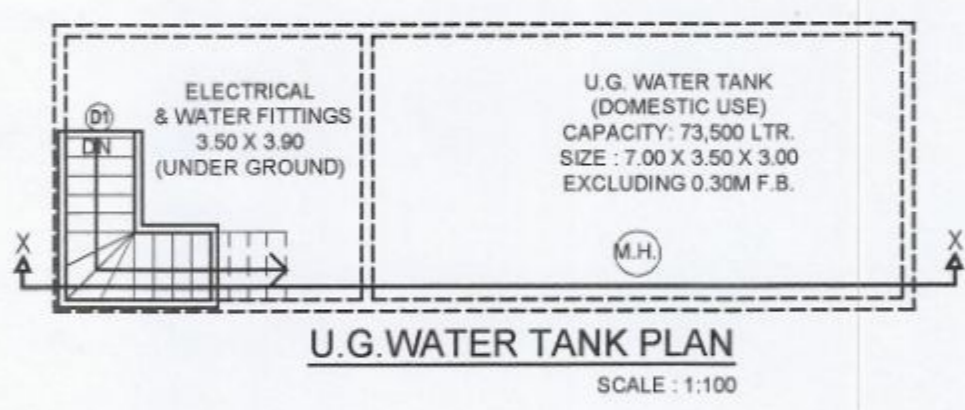
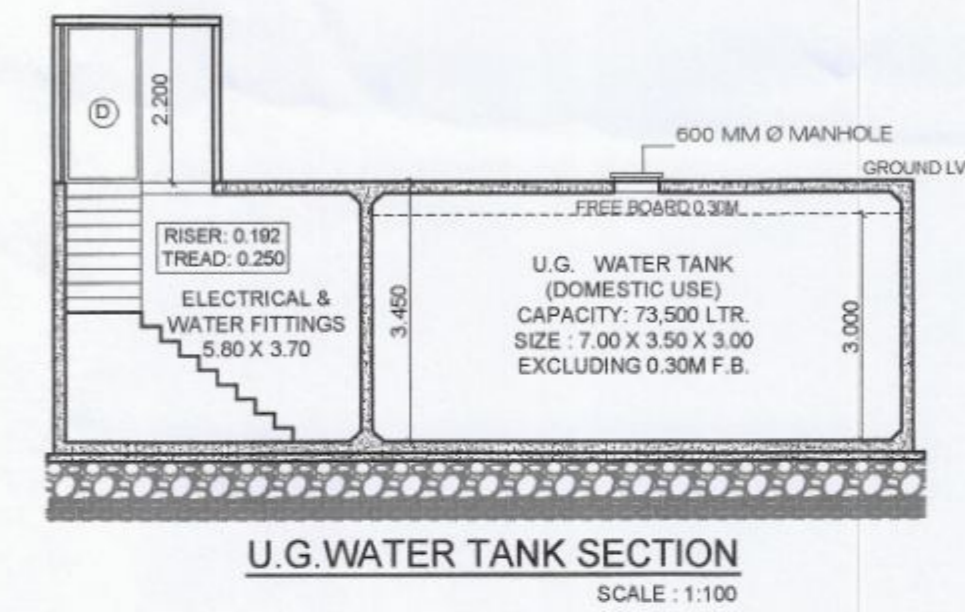
NOTE:
 I. OVERHEAD TANK CAPACITY SHALL BE MINIMUM 50% OF WATER REQUIREMENT.
 II. OVERHEAD TANK CAPACITY SHALL BE MINIMUM 50% OF WATER REQUIREMENT.

SCHEDULE OF DOORS & WINDOWS

TYPE	SIZE			BILL LEVEL (METER)	DESCRIPTION
	WIDTH (METER)	HEIGHT (METER)	AREA (SQM)		
1	2	3	4 = 2 X 3	5	6
D	1.000	2.250	2.250	0.000	T.W. FRAMED PANNELED DOOR.
D1	0.900	2.250	2.025	0.000	T.W. FRAMED PANNELED DOOR.
D2	0.750	2.250	1.688	0.000	T.W. FRAMED PANNELED DOOR.
W1	1.800	1.250	2.250	1.000	ALUMINUM SLIDING WINDOW
W2	1.200	1.250	1.500	1.000	ALUMINUM SLIDING WINDOW
W3	1.800	1.800	3.240	0.450	ALUMINUM SLIDING WINDOW
SD	1.800	2.100	3.780	0.150	ALUMINUM SLIDING WINDOW
SD1	1.200	2.100	2.520	0.150	ALUMINUM SLIDING FRENCH WINDOW
V	0.800	0.900	0.540	1.350	ALUMINUM LOUVERED WINDOW
FDR	1.200	2.250	2.700	0.000	FIRE RATED DOOR.
RJ	2.550	1.800	1.430	0.450	R.C.C. JALL

SCHEDULE OF LIGHT AND VENTILATION

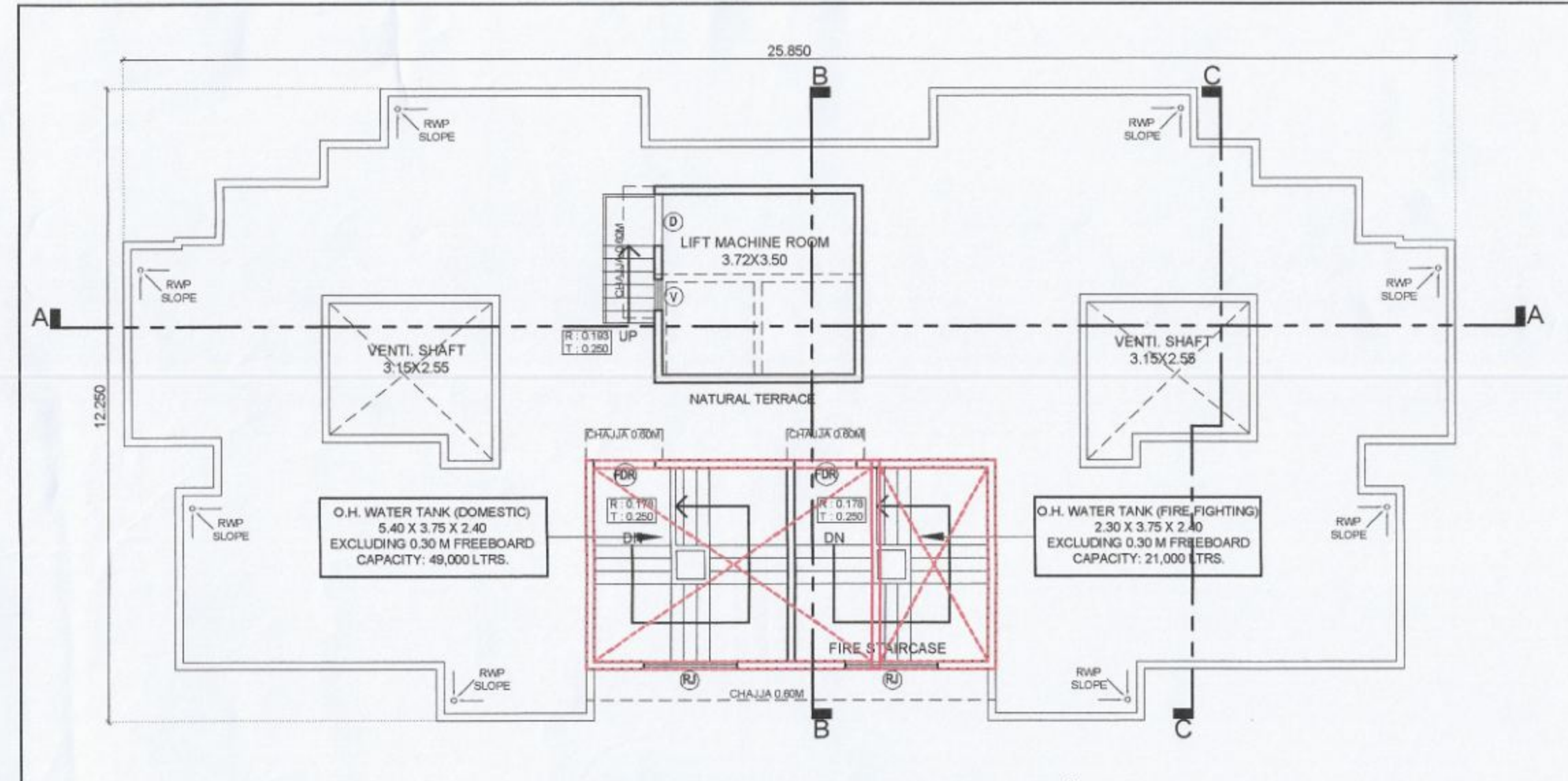
ROOM	TENEMENT NUMBER	CARPET AREA	WINDOW TYPE	L&V REQUIRED	L&V PROVIDED
1	2	3	4	5 = 3/4	6
LWNG	103	13.475	W1	2.246	2.250
BED ROOM 1	103	9.625	SD1	1.604	3.780
BED ROOM 2	103	6.615	W1	1.103	2.250
KITCHEN	103	5.842	SD1	0.974	2.500
KITCHEN	104	4.515	W2	0.753	1.500
TOILET	104	2.100	V	0.350	0.540
METER ROOM	GROUND FLOOR	3.821	W3	0.637	3.240
SOCIETY OFFICE ROOM	GROUND FLOOR	20.000	W3	3.333	3.240
DRIVER'S ROOM	GROUND FLOOR	12.000	W3	2.000	3.240



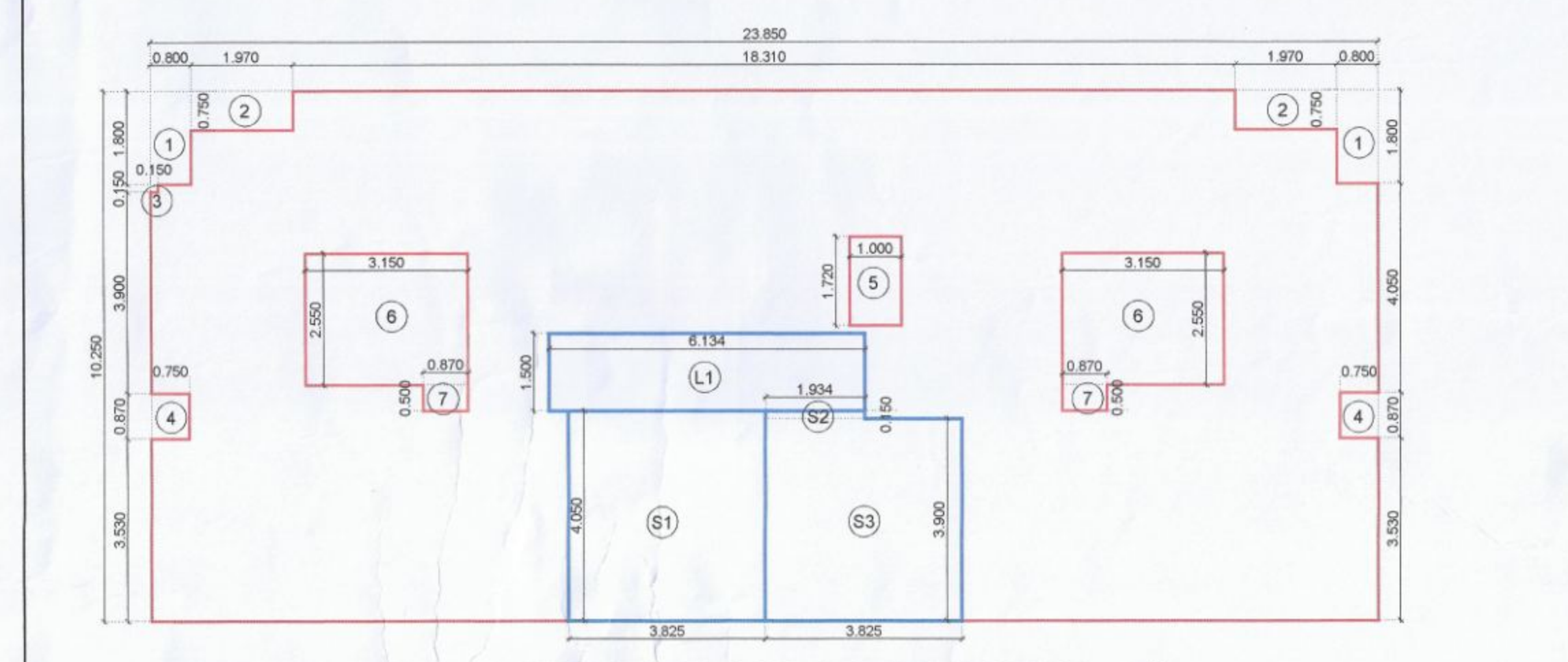
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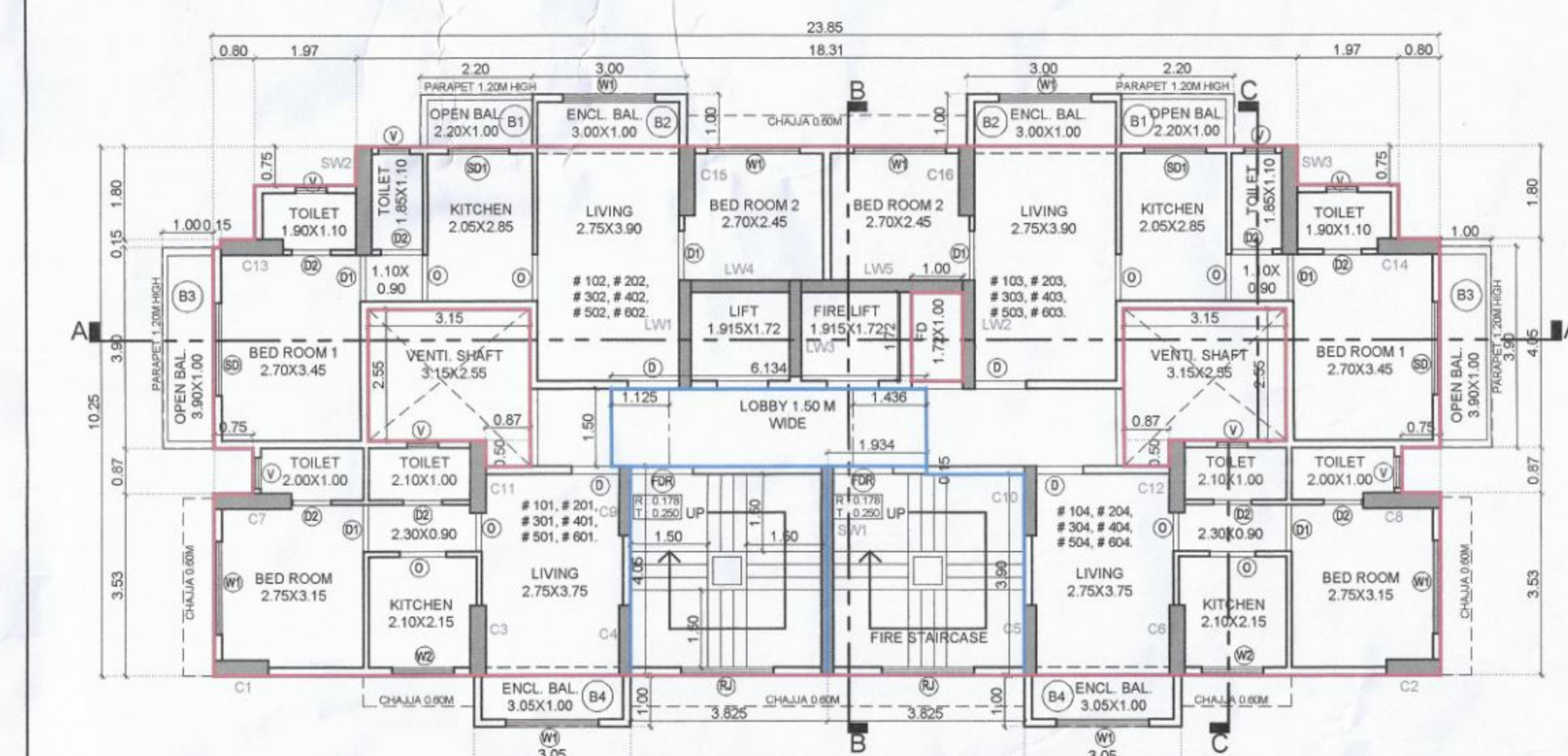
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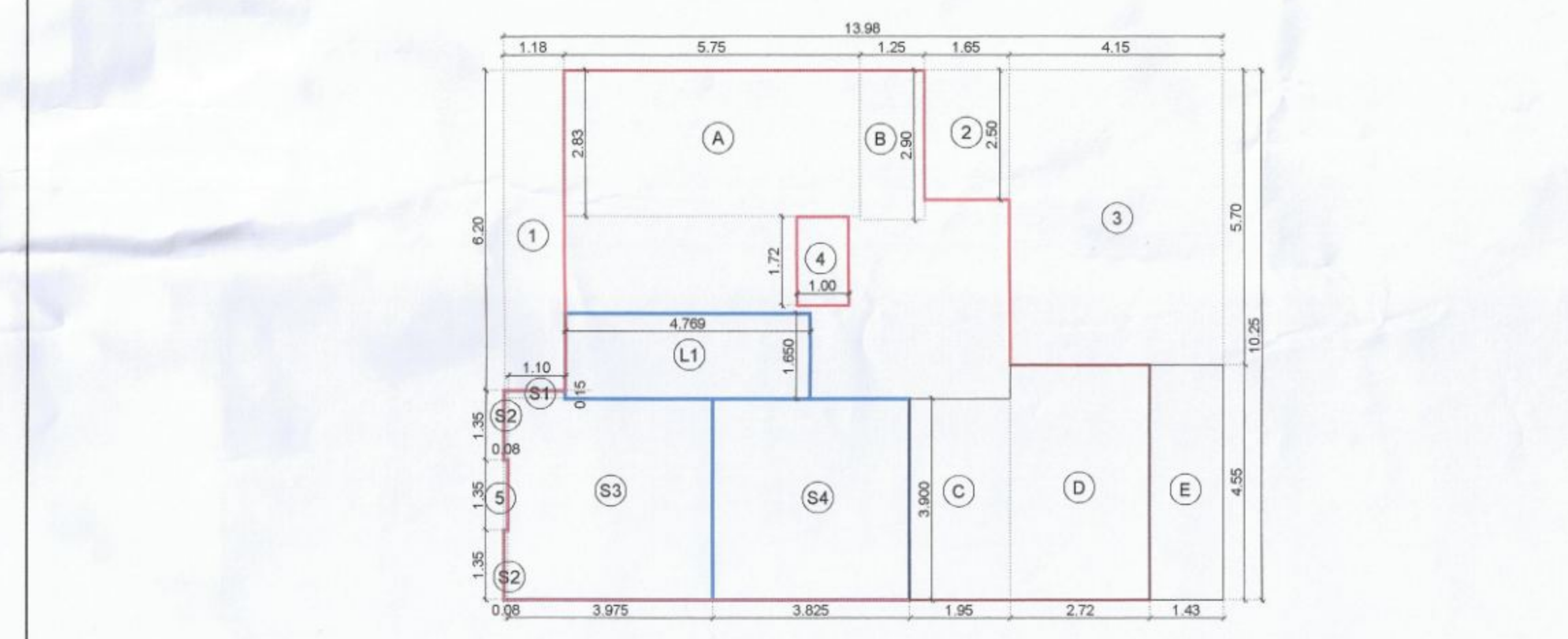
TERRACE FLOOR PLAN Scale 1:100



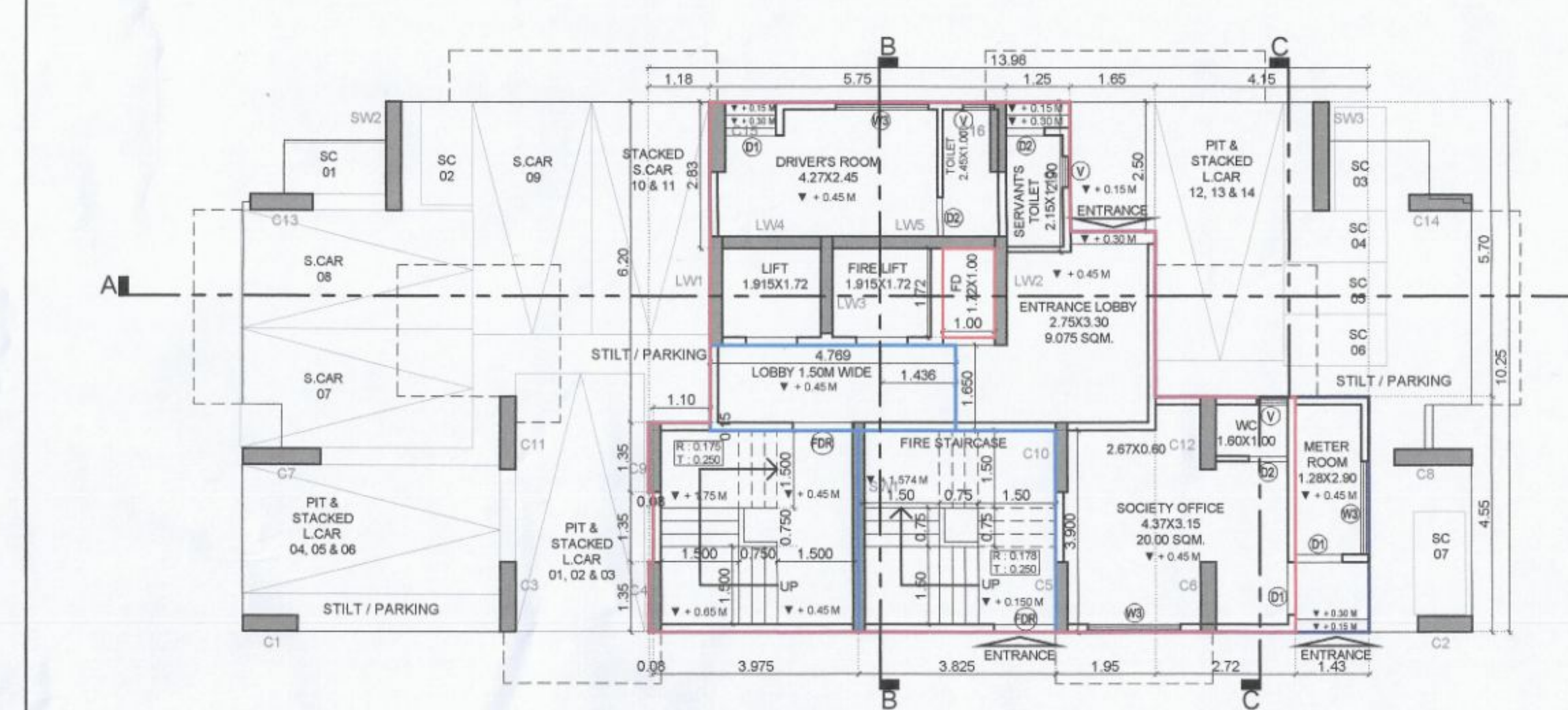
TYPICAL 1ST TO 6TH FLOOR AREA DIAGRAM Scale 1:100



TYPICAL 1ST TO 6TH FLOOR PLAN Scale 1:100



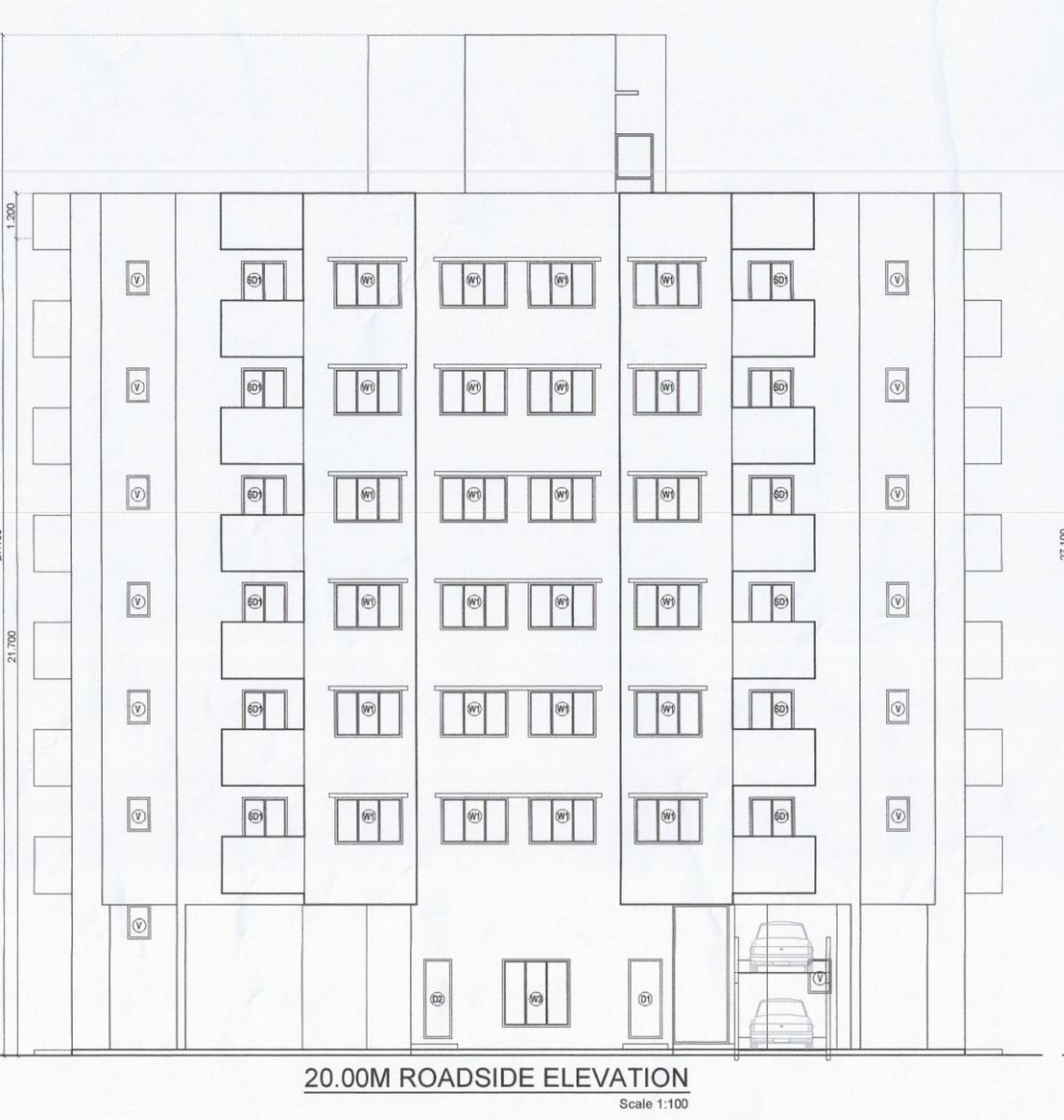
GROUND FLOOR AREA DIAGRAM Scale 1:100



GROUND FLOOR PLAN Scale 1:100



15.00M ROADSIDE ELEVATION Scale 1:100



20.00M ROADSIDE ELEVATION Scale 1:100



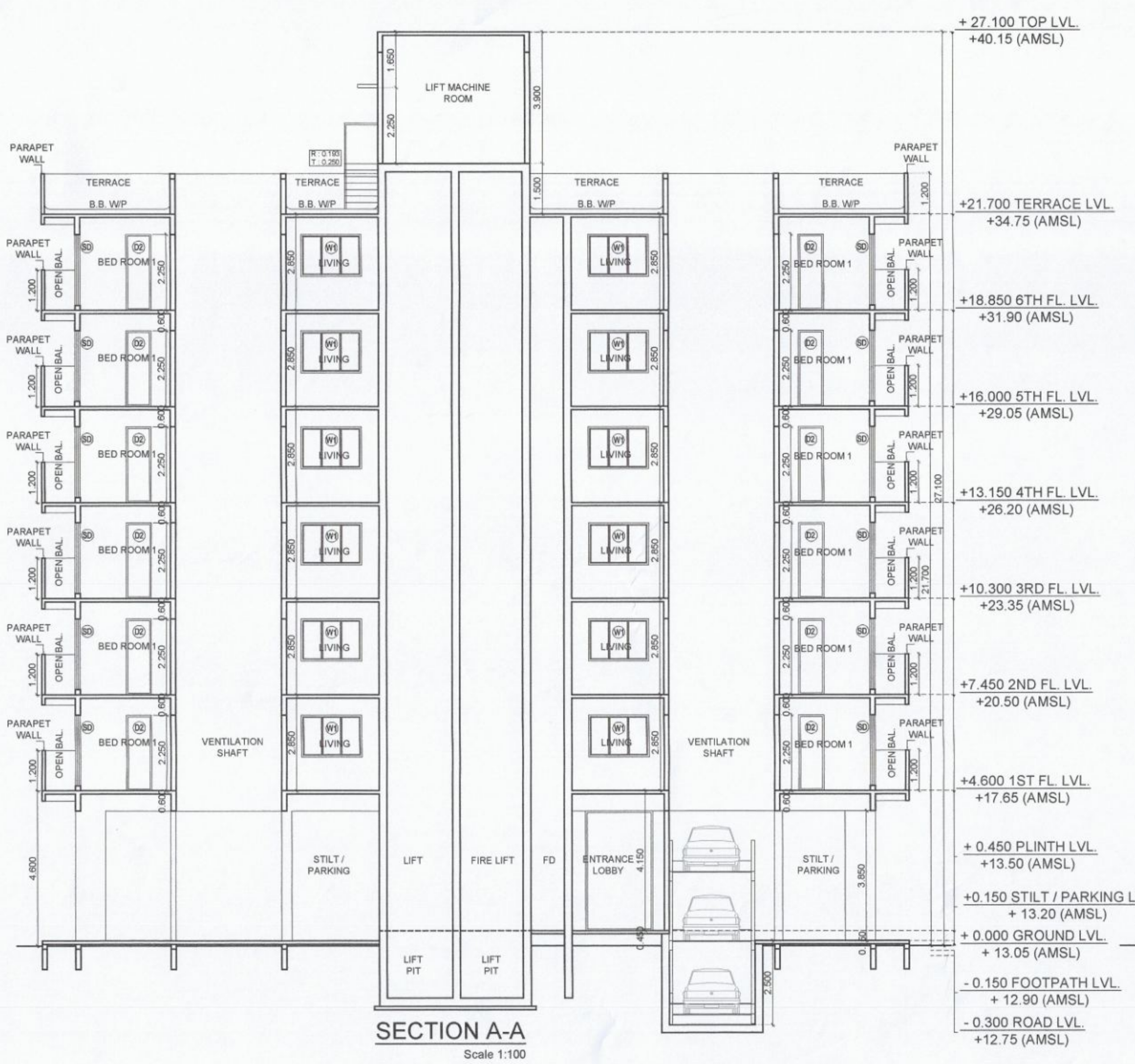
REAR ELEVATION Scale 1:100

BUILDING - 1
TYPICAL 1ST TO 6TH FLOOR AREA CALCULATION

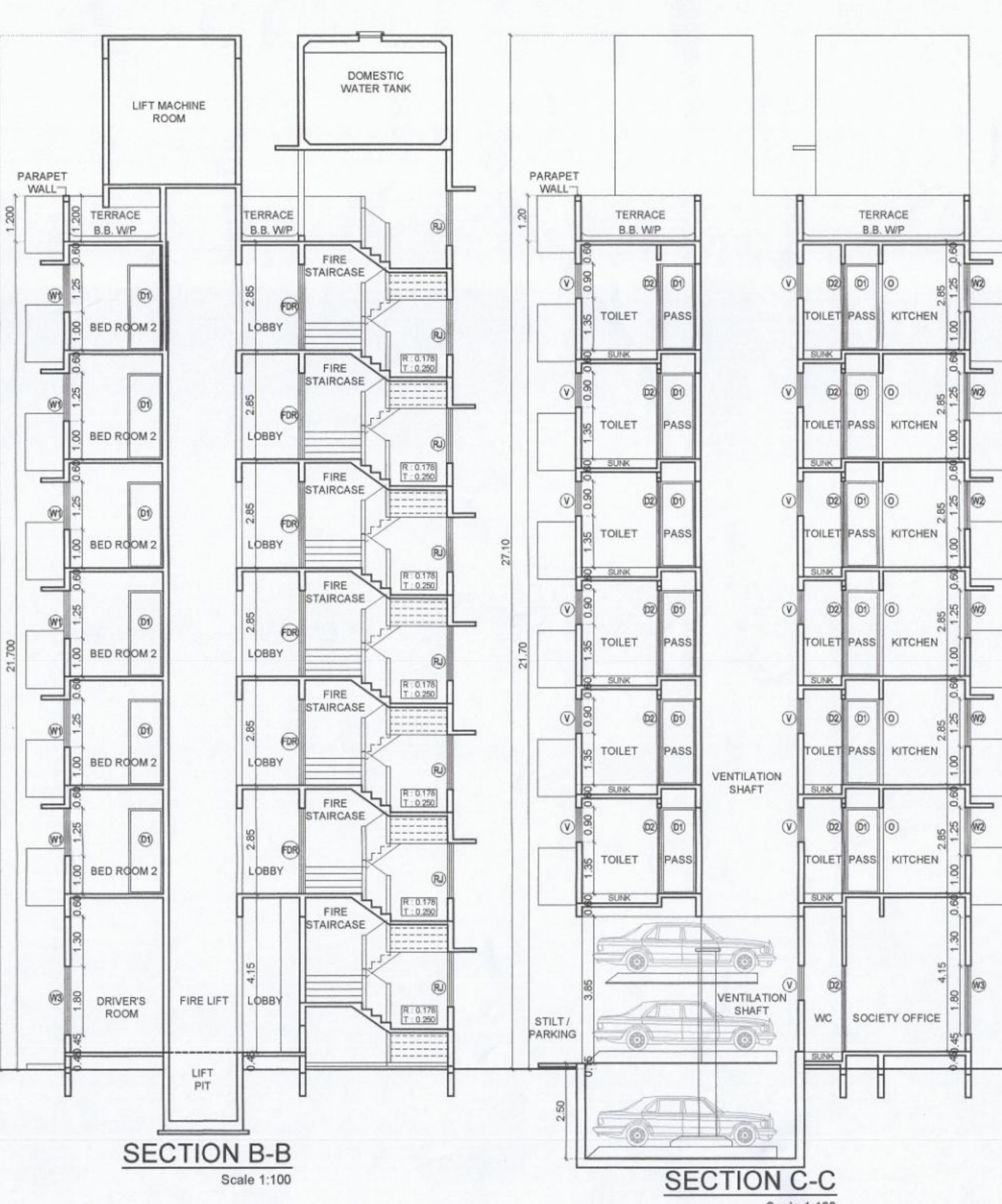
S/R NO.	NUMBER	NUMBER OF TRIANGLE	1/2	BASE (M)	HEIGHT (M)	AREA (SQM)
1	2	4	6	6	6	3(3)(6)(6)(6)
BUILDING - 1: 1ST TO 6TH FLOOR						
1	A	1.00	1.00	23.800	10.250	244.463
TOTAL ADDITION						
244.463						
DEDUCTION						
2	1	2.00	1.00	0.800	1.900	2.880
3	2	2.00	1.00	1.970	0.750	2.955
4	3	1.00	1.00	0.150	0.150	0.023
5	4	2.00	1.00	0.750	0.970	1.305
6	5	1.00	1.00	1.000	1.720	1.720
7	6	2.00	1.00	3.150	2.550	16.085
8	7	2.00	1.00	0.870	0.500	0.870
DEDUCTION						
28.819						
STAIRCASE & PASSAGE						
9	S1	1.00	1.00	3.825	4.000	15.491
10	S2	1.00	1.00	1.934	0.150	0.290
11	S3	1.00	1.00	3.825	3.900	14.917
12	L1	1.00	1.00	6.134	1.000	6.201
TOTAL AREA OF STAIRCASE & PASSAGE						
38.899						
TOTAL DEDUCTION						
66.717						
TOTAL BUILT UP AREA @ 1ST TO 6TH FLOOR						
178.746						
PERMISSIBLE BALCONY (15% OF TOTAL BUIP AREA)						
13	B1 (Open)	2.00	1.00	2.200	1.000	4.400
14	B2 (Encl)	2.00	1.00	3.000	1.000	6.000
15	B3 (Open)	2.00	1.00	3.900	1.000	7.800
16	B4 (Encl)	2.00	1.00	3.050	1.000	6.100
PROP. BALCONY AREA @ 1ST TO 6TH FLOOR						
24.300						
EXCESS BALCONY AREA @ 1ST TO 6TH FLOOR						
0.000						
NET BUILT UP AREA @ 1ST TO 6TH FLOOR						
178.746						
PROP. ENCLOSED BALCONY AREA @ 1ST TO 6TH FLOOR						
12.100						
PROP. OPEN BALCONY AREA @ 1ST TO 6TH FLOOR						
12.200						
PERMISSIBLE TERRACE @ TYPICAL FLOOR (20% OF NET BUIA)						
35.749						
PROPOSED TERRACE AREA						
0.000						

BUILDING - 1
GROUND FLOOR AREA CALCULATION

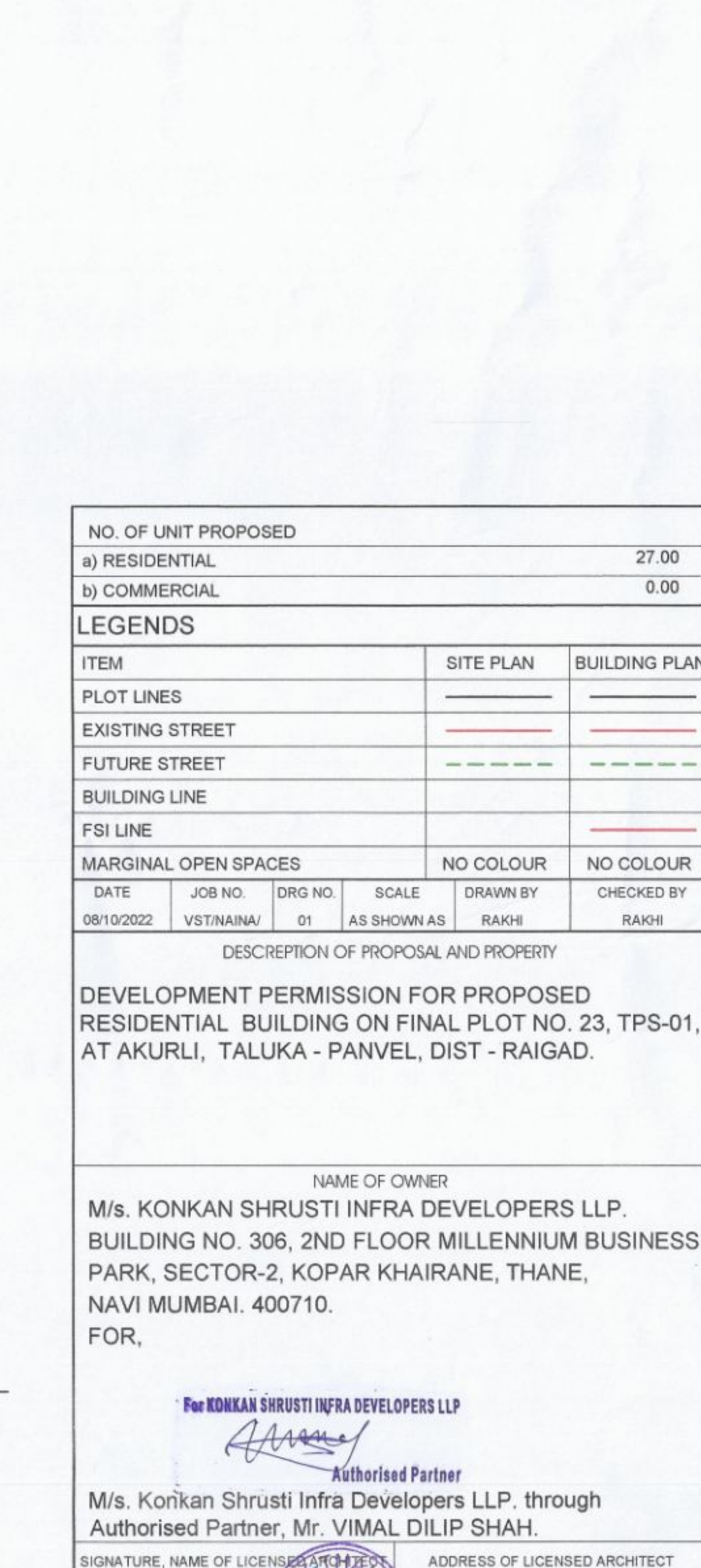
S/R NO.	NUMBER	NUMBER OF TRIANGLE	1/2	BASE (M)	HEIGHT (M)	AREA (SQM)
1	2	4	6	6	6	3(3)(6)(6)(6)
BUILDING - 1: GROUND FLOOR						
1	A	1.00	1.00	13.980	10.250	143.295
TOTAL ADDITION						
143.295						
DEDUCTION						
2	1	1.00	1.00	1.180	8.200	7.318
3	2	1.00	1.00	1.680	2.900	4.125
4	3	1.00	1.00	4.150	5.700	23.655
5	4	1.00	1.00	1.000	1.720	1.720
6	5	1.00	1.00	0.980	1.350	1.328
DEDUCTION						
36.924						
STAIRCASE & PASSAGE						
7	L1	1.00	1.00	4.760	1.650	7.808
8	S11	1.00	1.00	1.100	0.150	0.165
9	S2	2.00	1.00	0.800	1.300	0.216
10	S3	1.00	1.00	3.975	3.900	15.503
11	S4	1.00	1.00	3.825	3.900	14.917
TOTAL AREA OF STAIRCASE & PASSAGE						
38.669						
TOTAL AREA OF DRIVER'S ROOM						
16.273						
SERVANT'S TOILET						
12	A	1.00	1.00	1.250	2.900	3.625
TOTAL AREA OF SERVANT'S TOILET						
3.625						
SOCIETY OFFICE ROOM						
14	C	1.00	1.00	1.950	3.900	7.605
15	D	1.00	1.00	2.720	4.550	12.375
TOTAL AREA OF SOCIETY OFFICE ROOM						
19.981						
METER ROOM						
16	E	1.00	1.00	1.430	4.550	6.508
TOTAL AREA OF METER ROOM						
6.508						
TOTAL DEDUCTION						
102.080						
NET BUILT UP AREA @ GROUND FLOOR						
41.215						
PERMISSIBLE / PROPOSED BALCONY (15% OF TOTAL BUIP AREA)						
0.000						
PERMISSIBLE / PRO. TERRACE @ GROUND FLOOR (20% OF NET BUIA)						
0.000						



SECTION A-A Scale 1:100



SECTION B-B Scale 1:100



SECTION C-C Scale 1:100

SCHEDULE OF LIGHT AND VENTILATION

ROOM	TENENT NUMBER	CARPET AREA	WINDOW TYPE	LAV. REQUIRED	LAV. PROVIDED
LIVING	103	13.475	W1	2.246	2.200
BED ROOM 1	103	9.625	S01	1.654	3.700
BED ROOM 2	103	6.615	W1	1.103	2.200
KITCHEN	103	5.942	S01	0.974	2.500
KITCHEN	104	4.515	W2	0.753	1.500
TOILET	104	2.190	V	0.350	0.540
METER ROOM	GROUND FLOOR	3.821	W3	0.637	3.240
SOCIETY OFFICE ROOM	GROUND FLOOR	30.000	W3	3.333	3.240
DRIVER'S ROOM	GROUND FLOOR	12.000	W3	2.000	3.340

SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH (METERS)	HEIGHT (METERS)	AREA (SQM)	DESCRIPTION
1	2.00	2.20	4.400	T/W FRAMED PANELLED DOOR
D	1.000	2.200	2.200	T/W FRAMED PANELLED DOOR
D1	0.900	2.200	2.025	T/W FRAMED PANELLED DOOR
DE	0.780	2.200	1.696	T/W FRAMED PANELLED DOOR
W1	1.800	1.250	2.250	ALUMINIUM SLIDING WINDOW
W2	1.200	1.250	1.500	ALUMINIUM SLIDING WINDOW
W3	1.800	1.800	3.240	ALUMINIUM SLIDING WINDOW
SD	1.800	2.100	3.780	ALUMINIUM SLIDING WINDOW
SD1	1.200	2.100	2.520	ALUMINIUM SLIDING WINDOW
V	0.900	0.900	0.810	ALUMINIUM GLAZED WINDOW
FOR	1.200	2.200	2.640	FIRE RATED DOOR
RJ	2.500	1.800	4.500	R.C.C. JALI

NO. OF UNIT PROPOSED

a) RESIDENTIAL	27.00
b) COMMERCIAL	0.00

LEGENDS

ITEM	SITE PLAN	BUILDING PLAN
PLOT LINES	---	---
EXISTING STREET	---	---
FUTURE STREET	---	---
BUILDING LINE	---	---
FSI LINE	---	---
MARGINAL OPEN SPACES	NO COLOUR	NO COLOUR

DEVELOPMENT PERMISSION FOR PROPOSED RESIDENTIAL BUILDING ON FINAL PLOT NO. 23, TPS-01, AT AKURLI, TALUKA - PANVEL, DIST - RAIGAD.

NAME OF OWNER
M/s. KONKAN SHRUTI INFRA DEVELOPERS LLP.
BUILDING NO. 306, 2ND FLOOR MILLENNIUM BUSINESS PARK, SECTOR-2, KOPAR KHAIARANE, THANE, NAVI MUMBAI, 400710.
FOR,
Authorised Partner
M/s. Konkan Shrutu Infra Developers LLP, through Authorised Partner, Mr. VIMAL DILIP SHAH.
SIGNATURE, NAME OF LICENSEE
AR DEEPAK THAKARE
CA/92/14485

