

WATER CAPACITY CALCULATION (U. G. WATER TANK RESIDENTIAL UNITS)												
WING	DESCRIPTION	Nos.	REQUIRED DOMESTIC 135 LTRS.	TOTAL DOM. LTRS. (A)	REQUIRED FLUSHING 54 LTRS./person		ADDITIONAL TOILET 180 LTR. PER SIT		ADDITIONAL SERVANT TOILET 270 LTR. PER SEAT		TOTAL FLUSHING LTRS. (B)	TOTAL LITRES (COMM.+ RES.) (A+B)
A	FLATS	16	135 X 16X 5	10800	54 X 16 X 5	4320	0	0	1	270	4590	15390
B	FLATS	16	135 X 16X 5	10800	54 X 16 X 5	4320	0	0	0	0	4320	15120
C	FLATS	20	135 X 20X 5	13500	54 X 20 X 5	5400	2	360	0	0	5760	19260
TOTAL		52		35100		14040		360		270	14670	49770

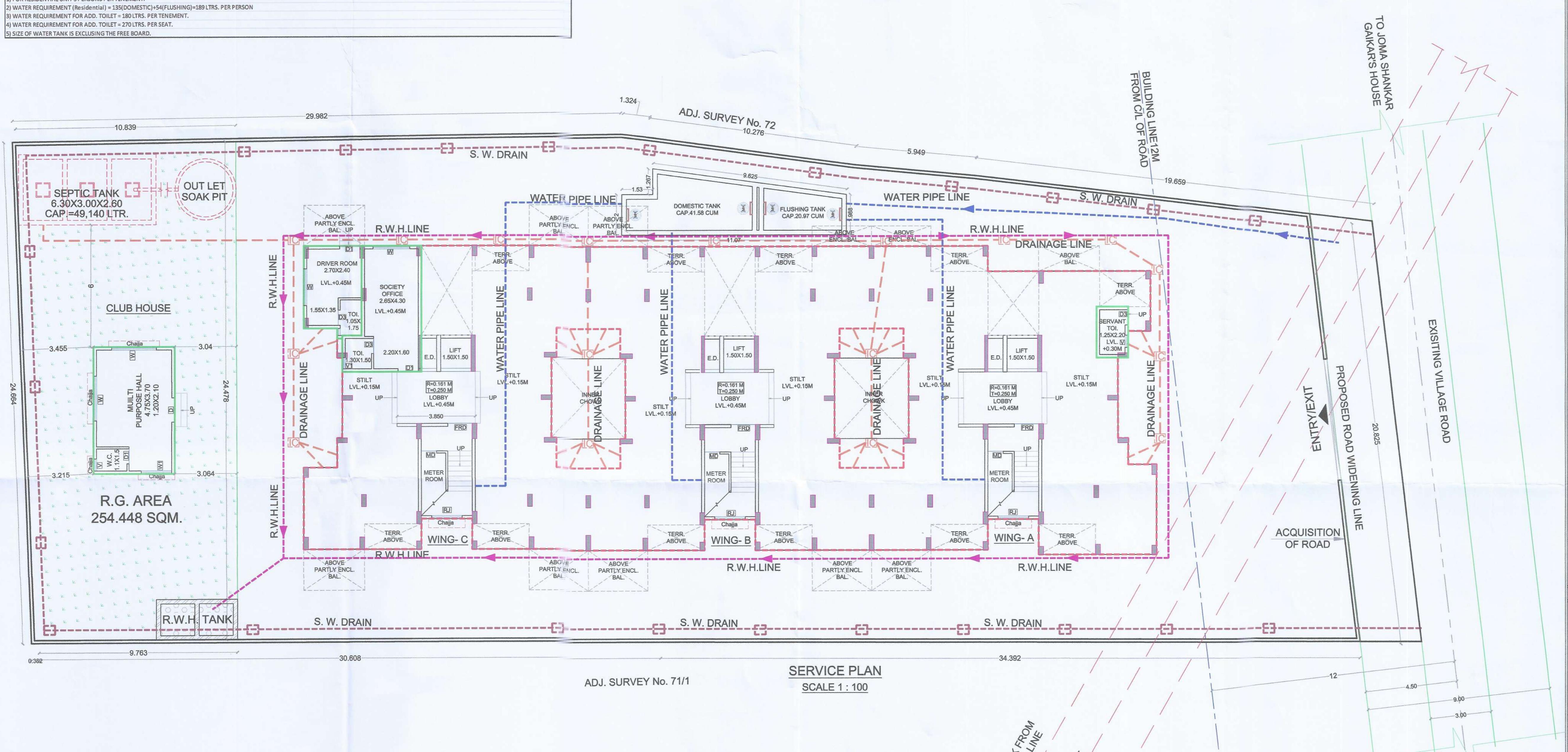
SEPTIC TANK REQUIREMENT																						
SL. No.	DESCRIPTION	POPULATION PER UNIT	TOTAL POPULATION (APPROX)	COLD WATER REQUIREMENT			GROSS WATER REQUIREMENT	% FLOW TO SEWER		ADDITIONAL TOILET REQUIREMENT				ADDITIONAL SERVANT TOILET REQUIREMENT				TOTAL FLOW	TOTAL REQUIRED CAPACITY	TOTAL PROV CAPACITY		
				FLUSHING		DOMESTIC		(A+B)	FLUSHING 100%	DOMESTIC 85%	ADDITIONAL TOILET	FLUSHING		FLUSHING 100%	ADDITIONAL SERVANT TOILET	FLUSHING			FLUSHING 100%			
				(A)		(B)							(A)				(A)					
				LPCD	LPD	LPCD	LPD	LPD				LPD	LPCD	LPD	LPD		LPCD	LPD	LPD	LPD	KLPD	KLD
1	WING-A, B & C (FLAT - 52)	5	260	54	14040	135	35100	49140	14040	29835	2	180	360	360	1	270	270	270	44505	44.505	6.30X3.00X 49.140 KLD	
	TOTAL				14040		35100	49140	14040	29835			360	360			270	270	44505	44.505	49.140 KLD	

STAMP OF APPROVAL | 02/05

Approved subject to the conditions mentioned in this Office Letter / Certificate No. :-

CIDCO/NAINA/Panvel/Kevale/BP-0517/ACC/2025/1472 Dated : 08 Dec 2025

02/05



NAME OF THE OWNER & SIGNATURE

Mr. Rajendra Javanmal Gandhi
(Name & Signature of Owner)

SHEET CONTENT :-

SERVICES LAYOUT PLAN,
SEPTIC TANK REQUIREMENT,
WATER STORAGE CAP. CALCULATION,
DETAILS OF U.G. TANK,
DETAILS OF SEPTIC TANK,
ENTRANCE GATE ELEVATION,
TYP. SECTION OF S.W. DRAIN
LINE/COMPOUND WALL,
DETAILS OF RECHARGE PIT,
TYP. ECENTRIC FOOTING SECTION.

DESCRIPTION OF PROPOSAL & PROPERTY

**PROPOSED RESIDENTIAL BUILDING ON LAND BEARING
SURVEY No. 71/2 AT VILLAGE - KEVALE,
TAL -PANVEL, DIST - RAIGAD.**

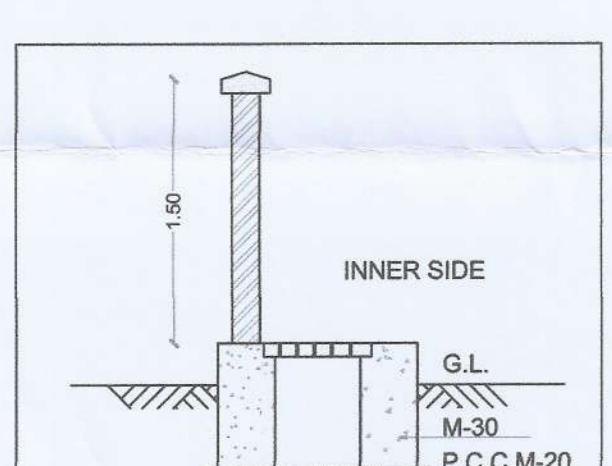
ARCHITECT NAME & SIGN

A circular purple stamp with a double-line border. Inside, the text 'AN. ARCH.' is at the top, 'Architect & Partner' is in the center, and a signature is written across the middle. There are four small stars, one on each side of the center text.

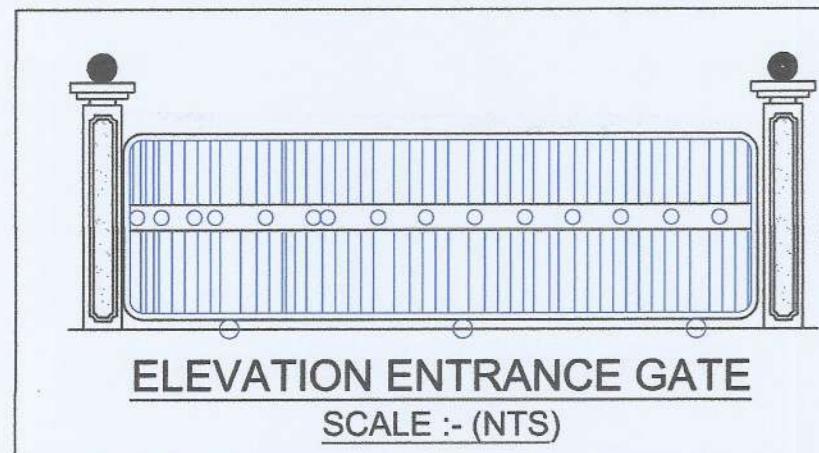
NEHA JAIN

REG NO : CA/2008/43603

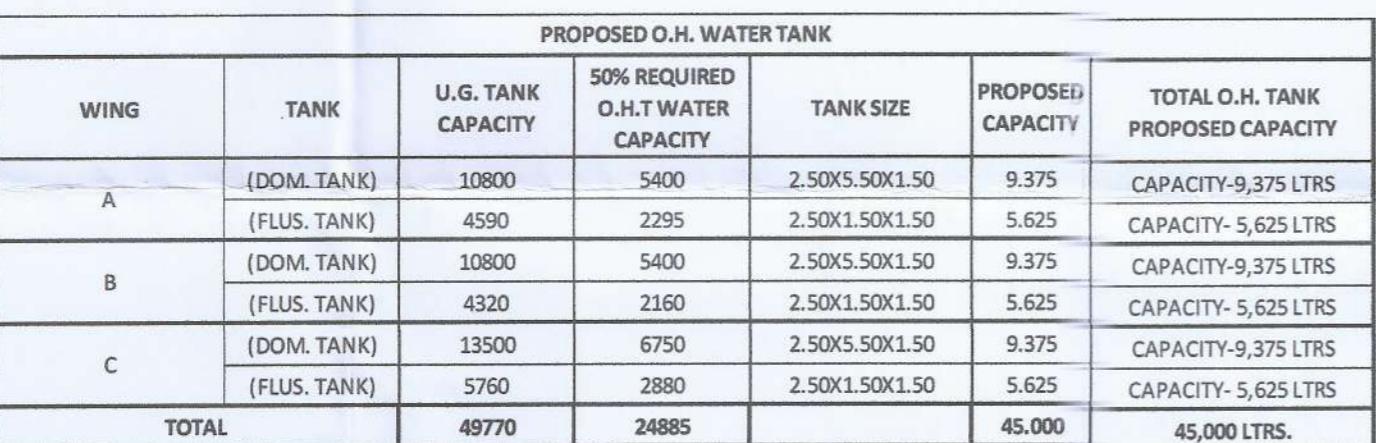
DATE	DRAWN. BY	CHKD. BY	SCALE	NORTH
18-01-2025	JAYASHRI		AS SHOWN	



TYPICAL SECTION OF
S.W. DRAIN LINE/
COMPOUND WALL
SCALE : NTS



ELEVATION ENTRANCE GATE
SCALE :- (NTS)



SECTION A-A'
(SCALE 1:100)

PLAN OF U.G.WATER TANK
(SCALE 1:100)

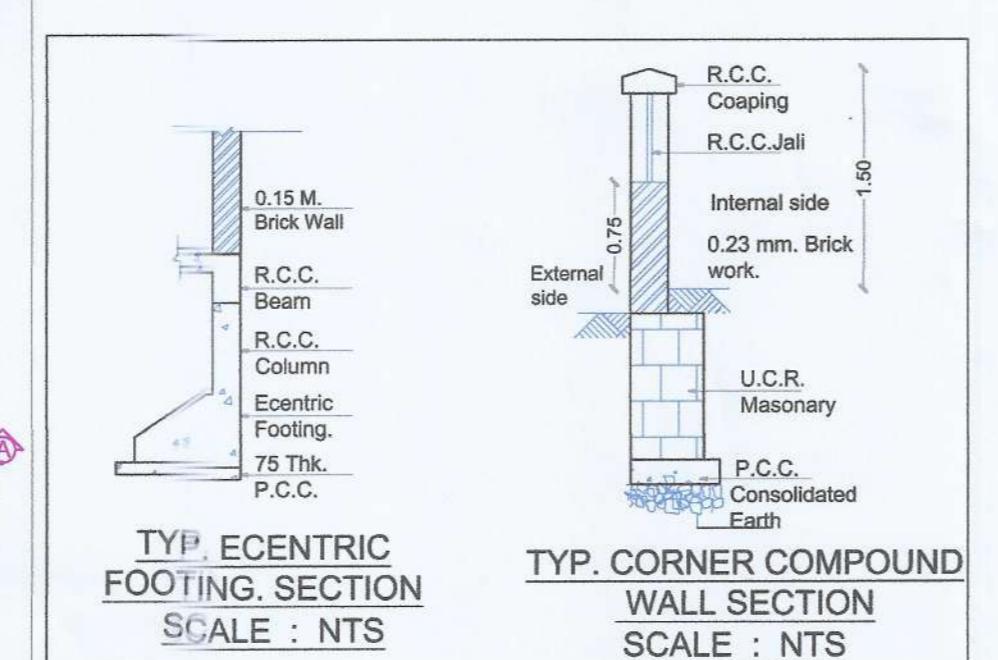
The figure consists of two parts: a cross-sectional view (top) and a plan view (bottom).

CROSS SECTION (Top):

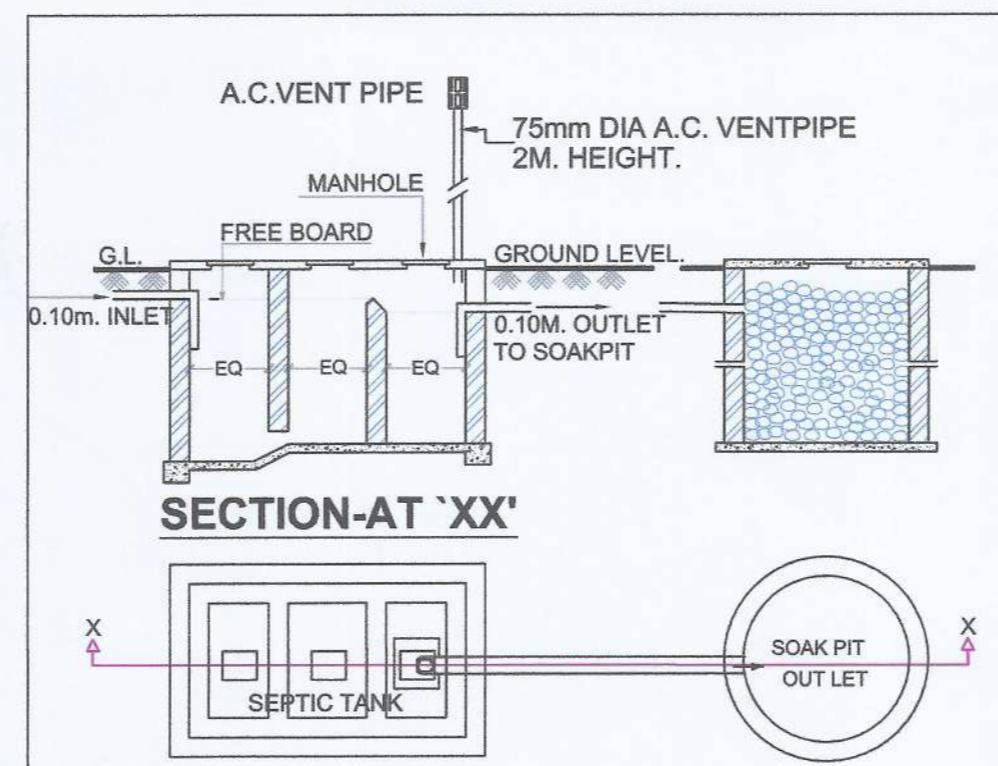
- Left Tank:** Domestic Tank, CAP. 41.58 CUM, 3 M HT., +300MM FREE BOARD. Dimensions: 6.2 m width, 3 m height, 0.3 m free board at top.
- Right Tank:** FLUSHING TANK, CAP.20.97 CUM, 3 M HT., +300MM FREE BOARD. Dimensions: 3.85 m width, 3 m height, 0.3 m free board at top.
- Common Features:** 300 MM FREE BOARD is indicated between the tanks. The tanks are supported by MH (Middle Head) supports.

PLAN VIEW (Bottom):

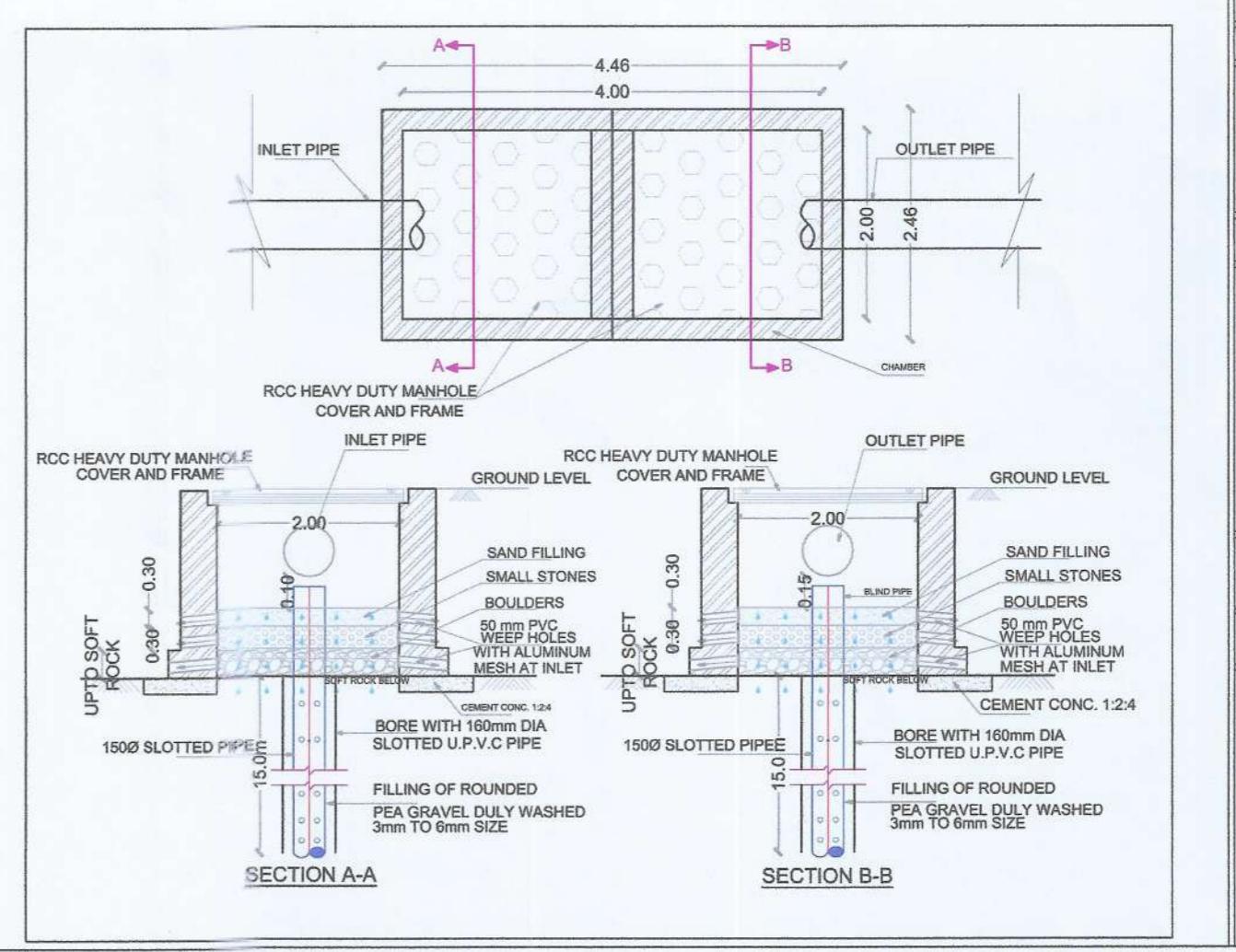
- Left Tank:** Domestic Tank, CAP.41.58 CUM. Dimensions: 9.625 m length, 1.53 m width, 1.267 m height. A vertical dimension of 2 m is shown to the left.
- Right Tank:** FLUSHING TANK, CAP.20.97 CUM. Dimensions: 11.07 m length, 3 m width, 3 m height. A vertical dimension of 2 m is shown to the left.
- Common Features:** Both tanks are supported by MH (Middle Head) supports. A horizontal dimension of 11.07 m is shown between the tanks.



TYP. CORNER COMPOUND
WALL SECTION
SCALE : NTS



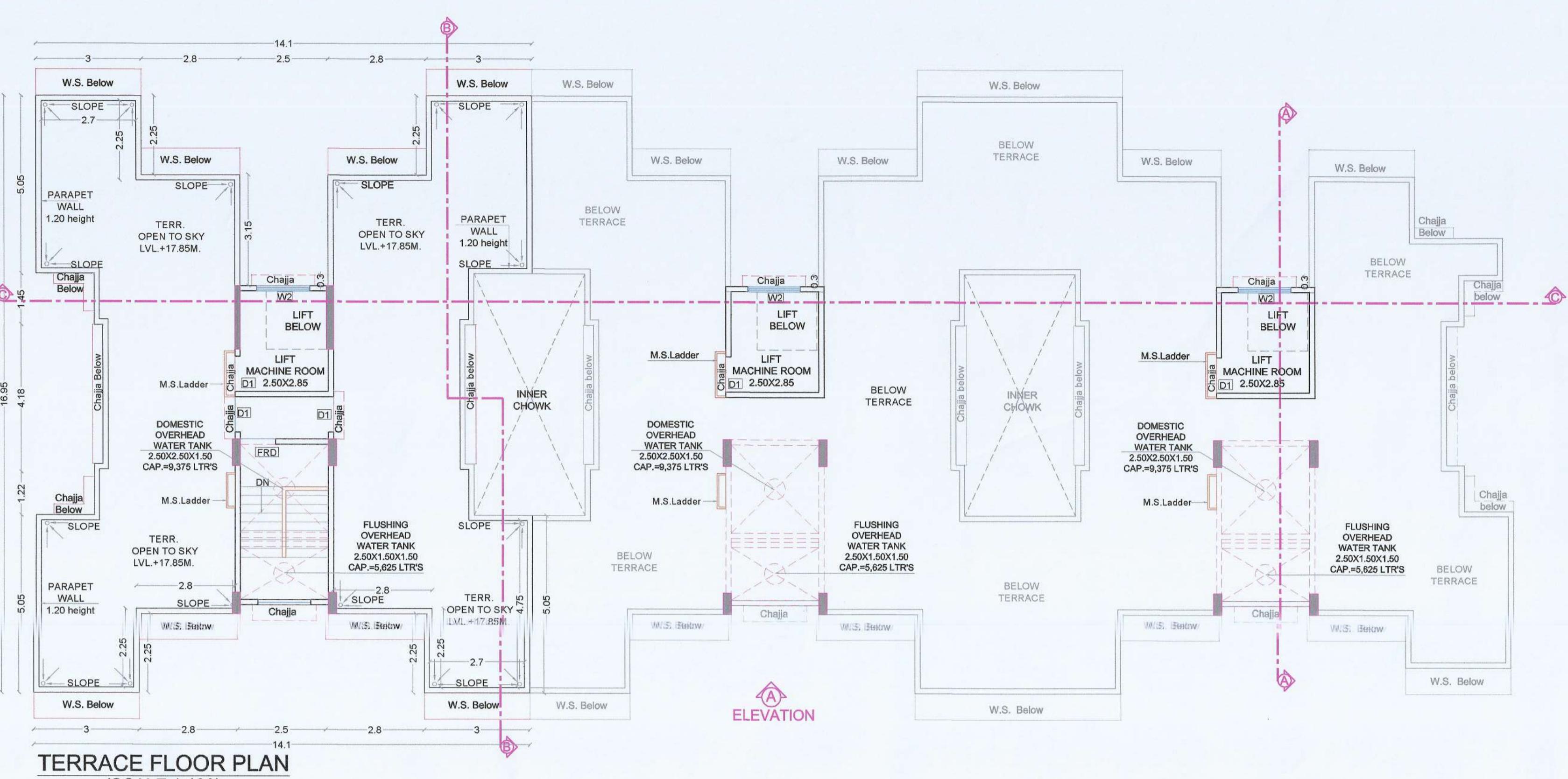
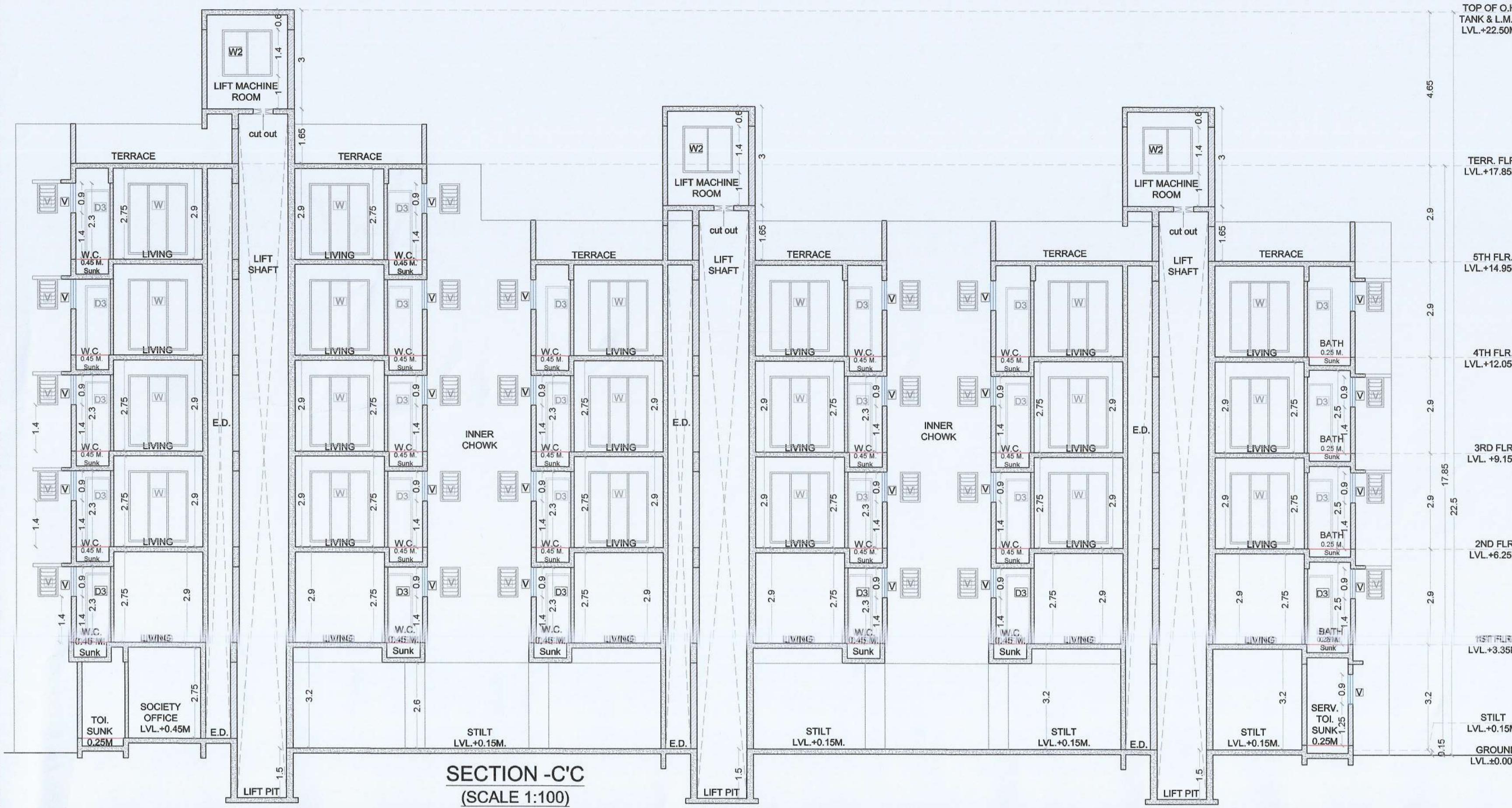
TYP. SEPTIC TANK & SOAK PIT



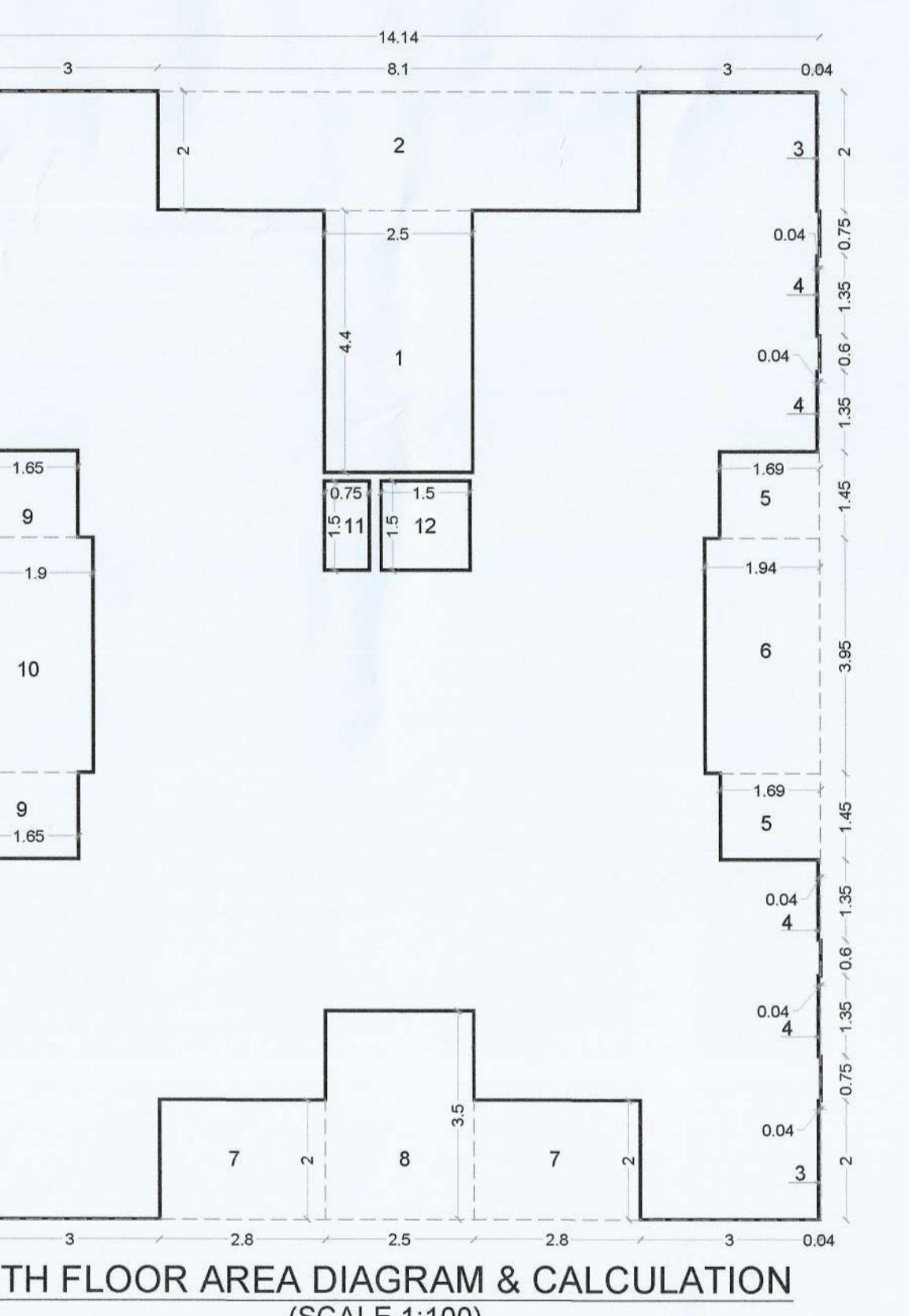
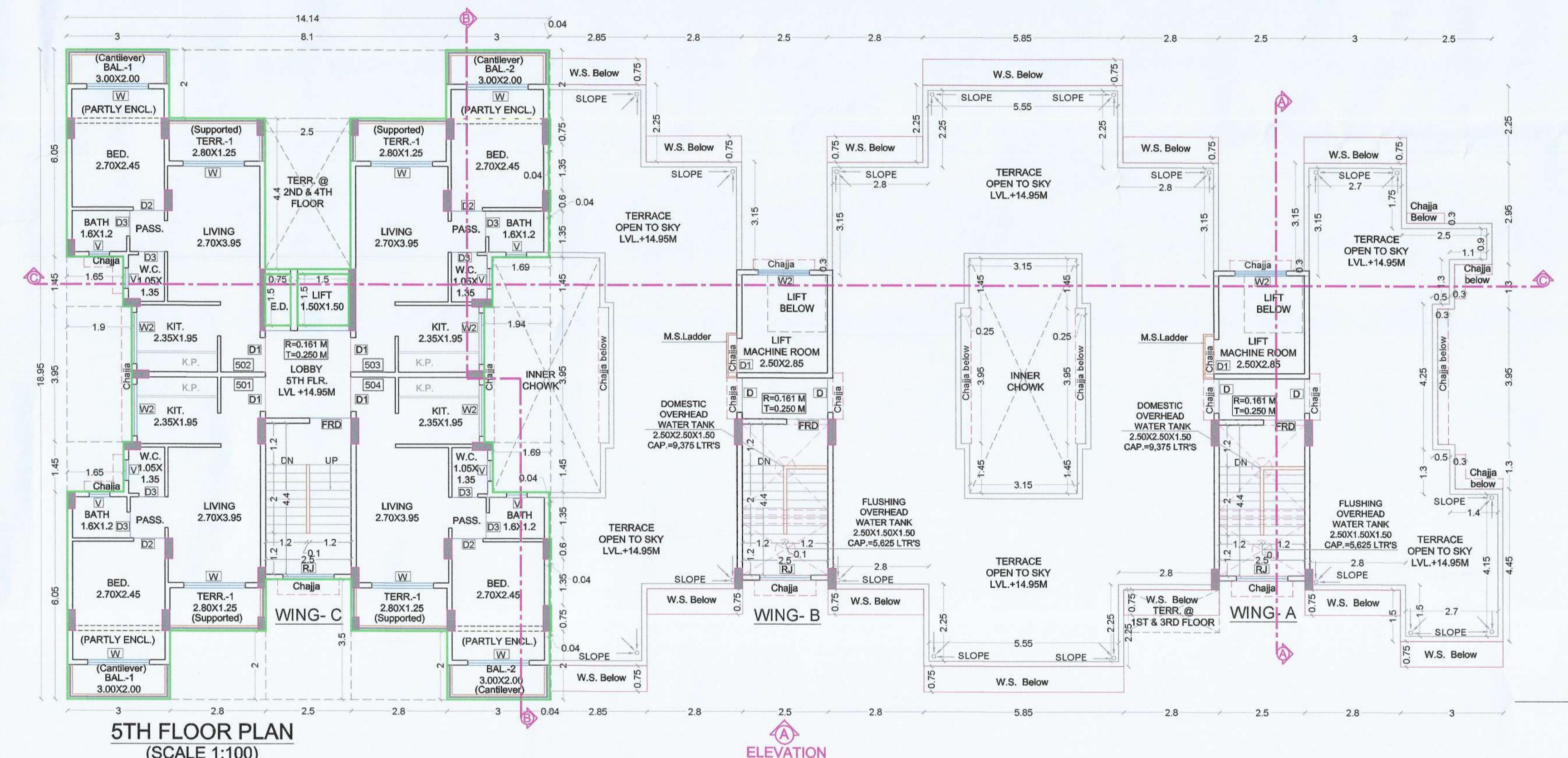
AN.ARCH
ARCHITECT & PLANNERS

Office no.20&21,-Raheja Arcade,
ec-11,Plot no.61,CBD Belapur-400614,
cntct no.022-27562410,
mail i.d-anarch.architect@gmail.com

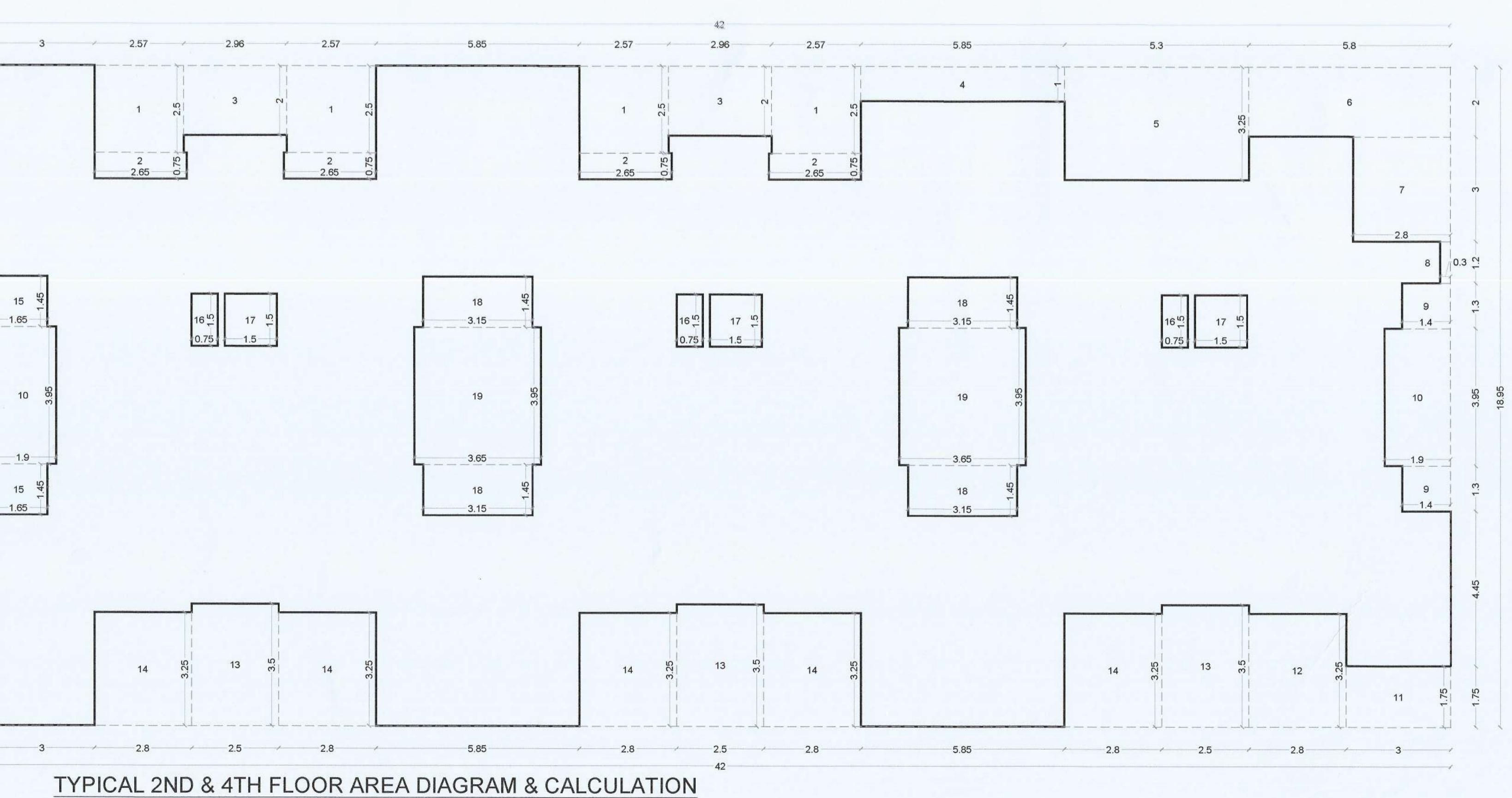
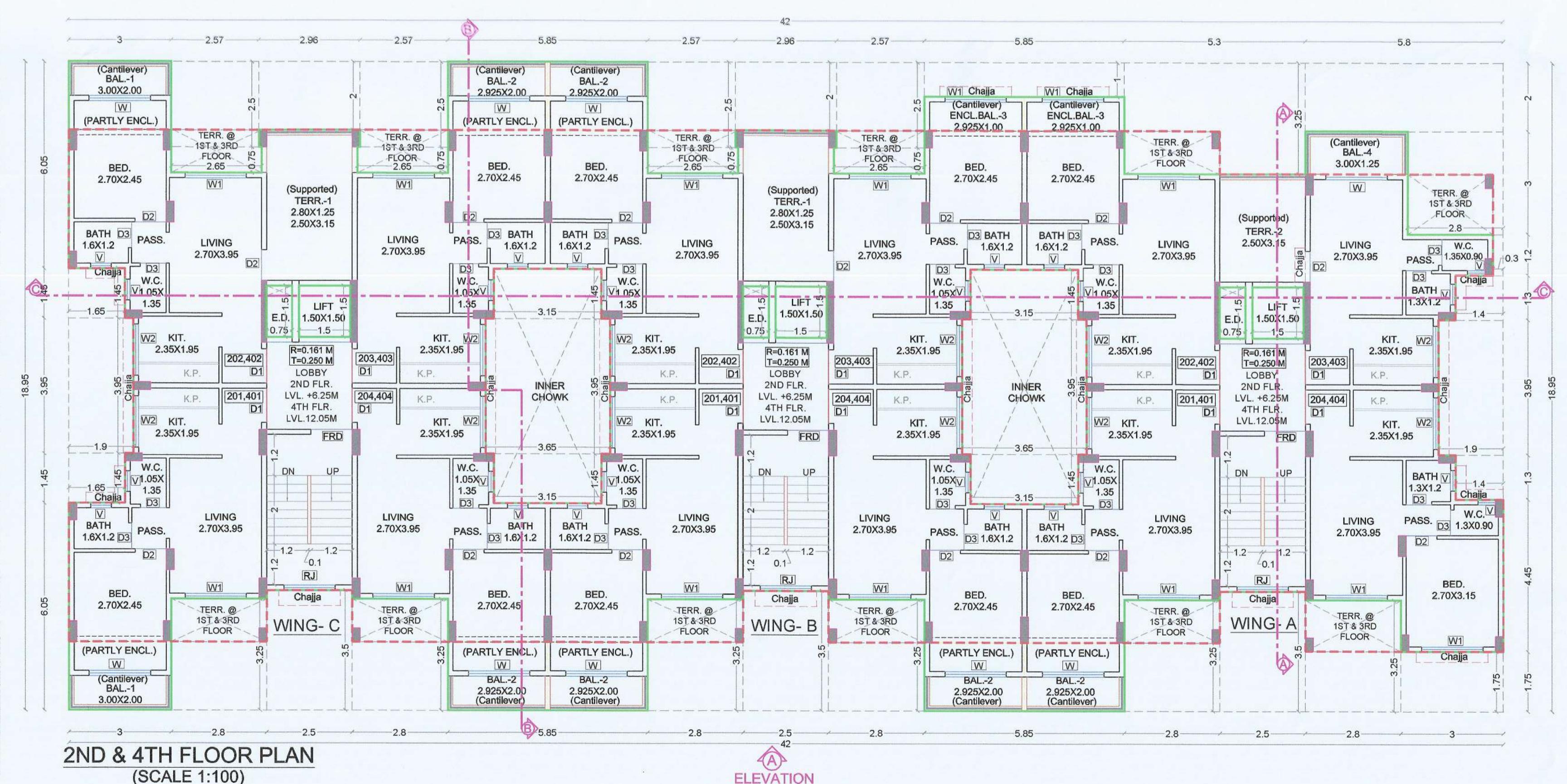
Approved subject to the conditions mentioned in this Office Letter / Certificate No. :- CIDCO/NAINA/Panvel/Kevale/BP-00 517/ACC/2025/1472 Dated : 08 Dec 2025



TERRACE FLOOR PLAN
(SCALE 1:100)



5TH FLOOR AREA DIAGRAM & CALCULATION
(SCALE 1:100)



TYPICAL 2ND & 4TH FLOOR AREA DIAGRAM & CALCULATION
(SCALE 1:100)

SCHEDULE OF DOORS & WINDOWS					
TYPE	WIDTH (METER)	HEIGHT (METER)	AREA (Sq.M.)	SILL LEVEL (METER)	DESCRIPTION
(1)	(2)	(3)	(4) = (2) x (3)	(5)	(6)
D	1.200	2.100	2.520	0.000	T.W. FRAMED PANEL DOOR
D1	1.000	2.100	2.100	0.000	T.W. FRAMED PANEL DOOR
D2	0.900	2.100	1.890	0.000	T.W. FRAMED PANEL DOOR
D3	0.750	2.100	1.575	0.000	T.W. FRAMED PANEL DOOR
W	1.800	1.400	2.520	0.900	ALUMINUM SLIDING WINDOW
W1	1.800	1.400	2.100	0.900	ALUMINUM SLIDING WINDOW
W3	1.000	1.400	1.400	0.900	ALUMINUM SLIDING WINDOW
V	0.600	0.750	0.450	1.550	ALUMINUM LOUVERED WINDOW
FRD	1.350	2.100	2.835	0.000	FIRE RESISTANCE DOOR
RU	1.500	1.400	2.100	0.900	R.C.C. JAU

2ND & 4TH FLOOR BUILT UP AREA CALCULATION					
Sr. No.	NUMBER	NUMBER OF DEDUCTION	1/2 BASE (M)	HEIGHT (M)	AREA (S.Q.M.)
1	A	1	1	42.000	X 18.950 795.900

5TH FLOOR BUILT UP AREA CALCULATION					
Sr. No.	NUMBER	NUMBER OF DEDUCTION	1/2 BASE (M)	HEIGHT (M)	AREA (S.Q.M.)
1	A	1	1	14.14	X 18.95 267.953
					TOTAL ADDITION
2	1	4	1	2.570	X 1.250 25.700
3	2	4	1	2.650	X 0.750 7.950
4	3	2	1	2.960	X 2.000 11.840
5	4	1	1	5.850	X 1.000 5.850
6	5	1	1	5.300	X 3.250 17.225
7	6	1	1	5.800	X 2.000 11.600
8	7	1	1	2.800	X 3.000 8.400
9	8	1	1	1.300	X 1.200 0.360
10	9	2	1	1.400	X 3.640
11	10	2	1	1.900	X 3.950 15.010
12	11	1	1	3.000	X 1.750 5.250
13	12	1	1	2.800	X 3.250 9.100
14	13	3	1	2.500	X 3.500 26.250
15	14	5	1	2.800	X 3.250 45.500
16	15	2	1	1.650	X 1.450 4.785
17	16	3	1	0.750	X 1.300 3.375
18	17	3	1	1.500	X 1.500 6.750
19	18	4	1	3.150	X 1.450 18.270
20	19	2	1	3.650	X 3.950 28.835
					TOTAL DEDUCTION = 255.690
					BUILT UP AREA PER FLOOR = 540.210
					TOTAL NET BUILT UP AREA OF 2ND & 4TH FLOOR = 1620.630

SHEET CONTENT

GROUND FLOOR PLAN
TYPICAL 1ST TO 3RD FLOOR PLAN
ELEVATION A SECTIONS
BUILD UP AREA & DEDUCTION & CALCULATION
BALCONY AREA STATEMENT
TERRACE AREA STATEMENT
SCHEDULE OF DOOR & WINDOW
SCHEDULE OF LIGHT & VENTILATION

NAME OF THE OWNER & SIGNATURE

Mr. Rajendra Javmal Gandhi
(Name & Signature of Owner)

DESCRIPTION OF PROPOSAL & PROPERTY
PROPOSED RESIDENTIAL BUILDING ON LAND
BEARING SURVEY NO. 71/2 AT VILLAGE - KEVALE,
TAL - PANVEL, DIST - RAIGAD.

ARCHITECT NAME & SIGN

NEHA JAIN
REG NO : CA/2009/43603
DATE DRAWN BY CHKD. BY SCALE NORTH
18-01-2025 Aaditya 1:100

AN.ARCH
ARCHITECT & PLANNERS
Office no 20&21, Raha Arcade,
Sec-11, Plot no. 61, CBD Belapur-400614,
Dist. Navi Mumbai, Maharashtra, India
Email: info@anarcharchitects.com
Mobile: +91 9822561234
Design with a difference

