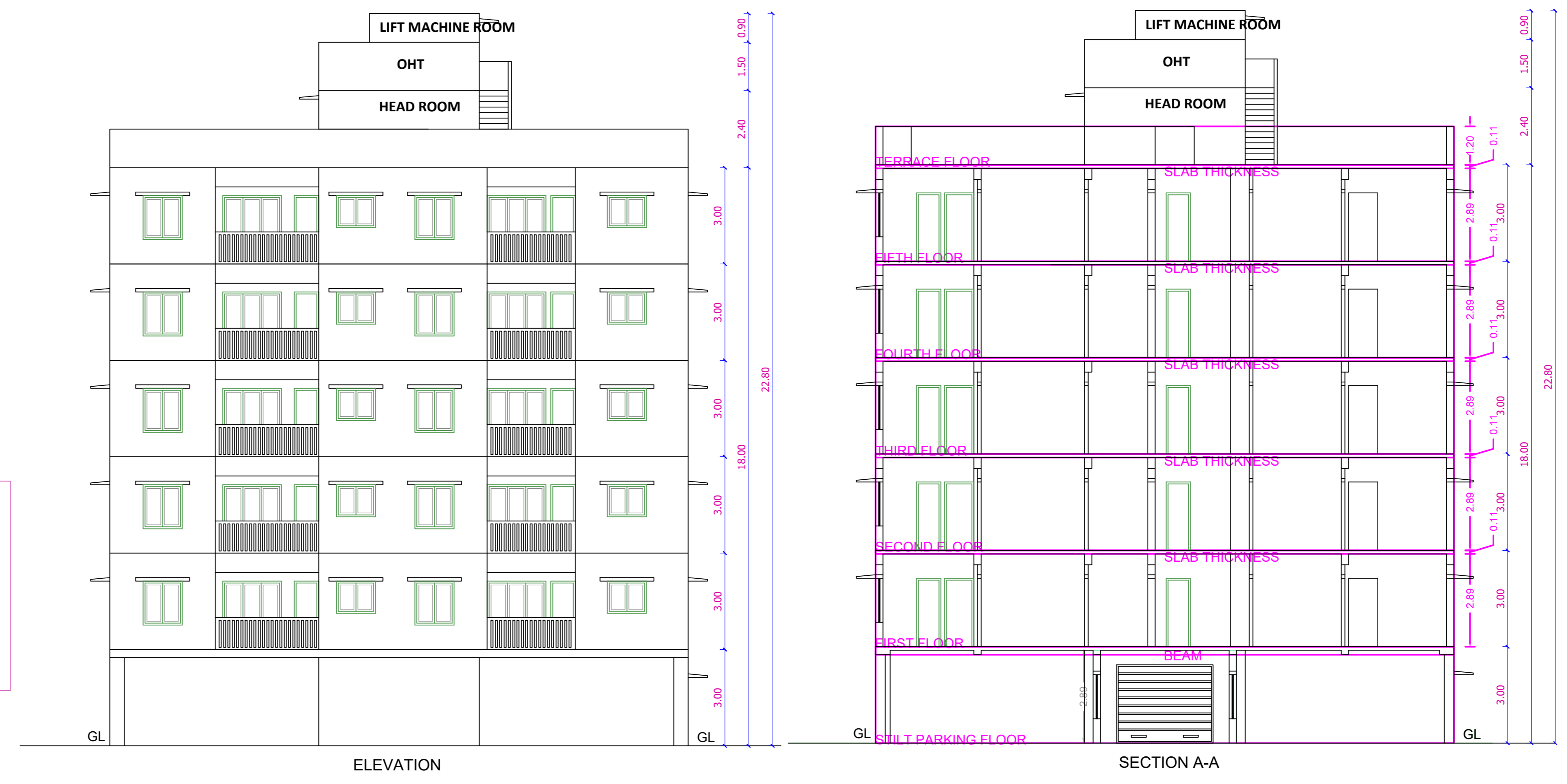
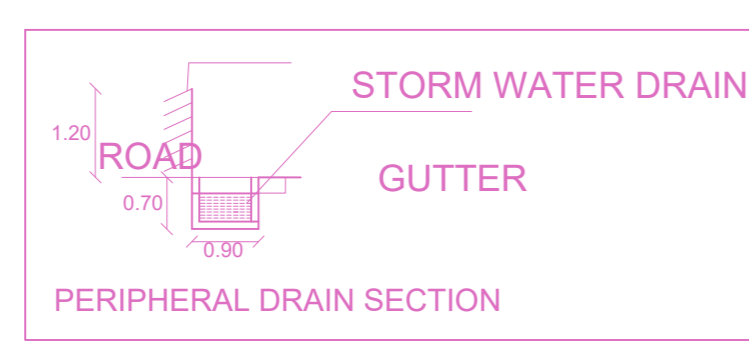
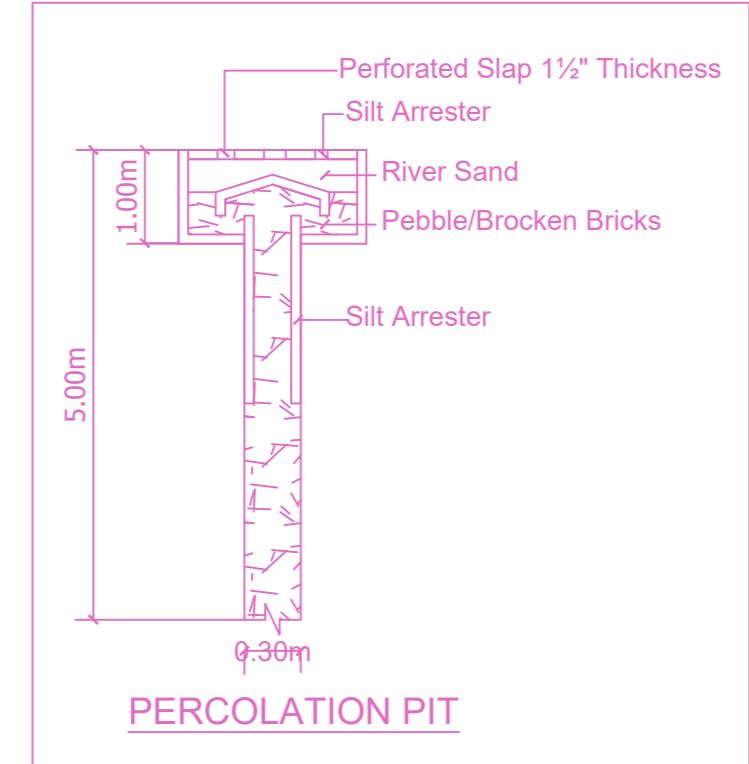
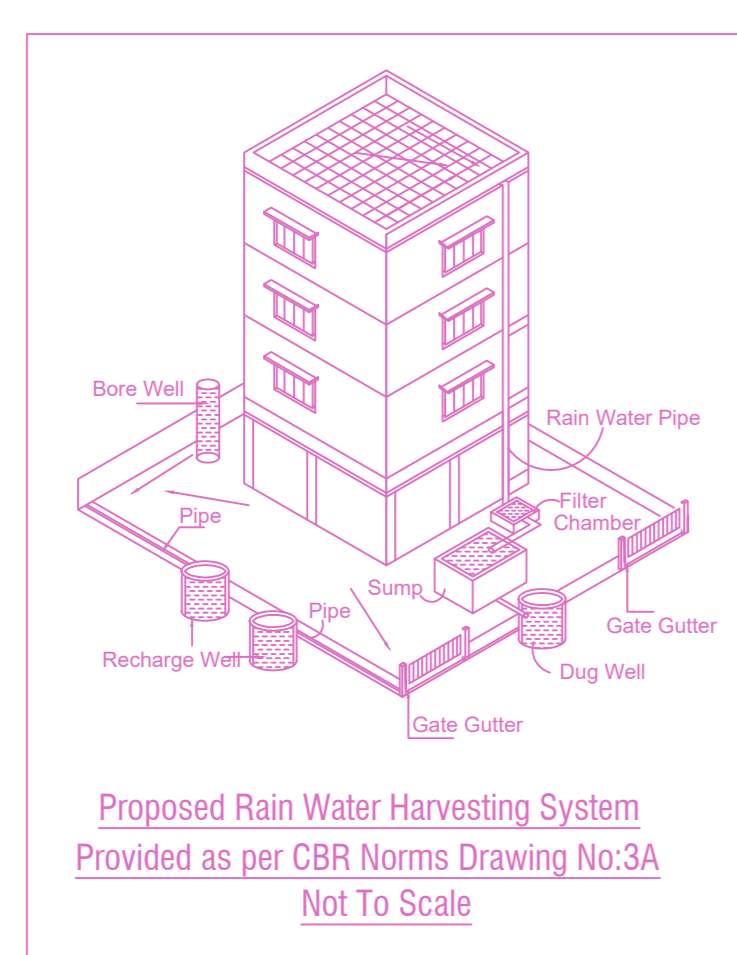
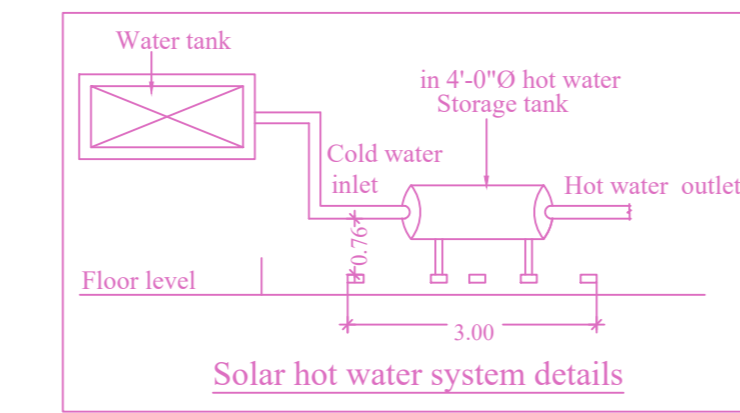
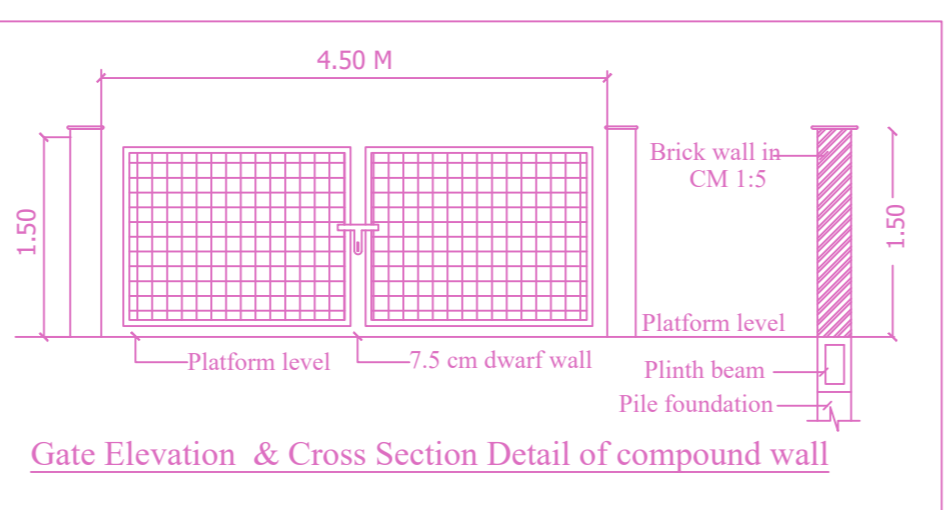
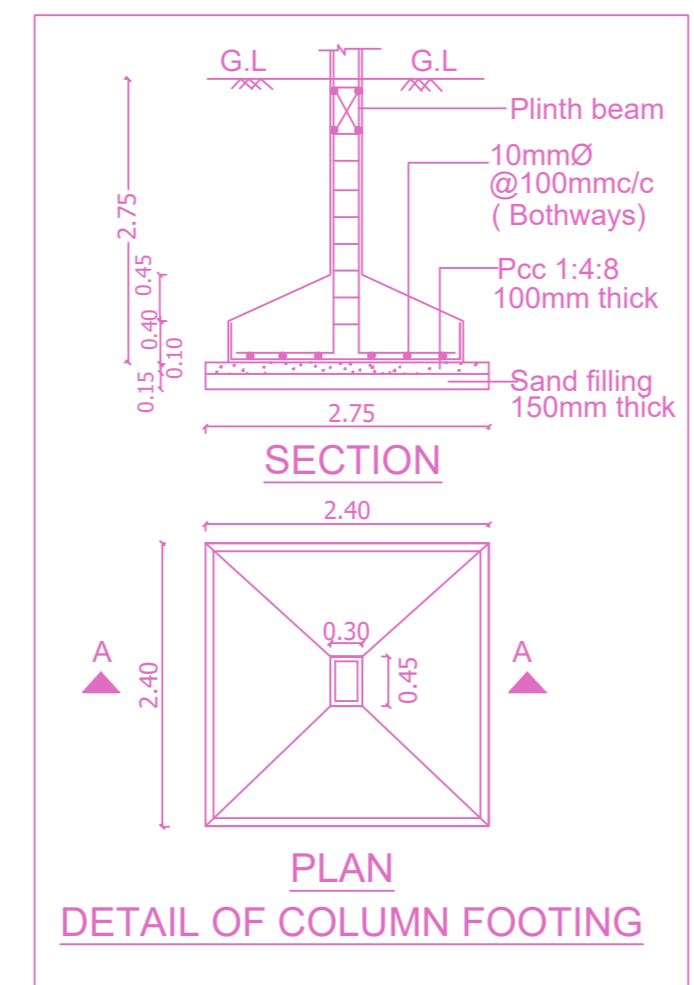
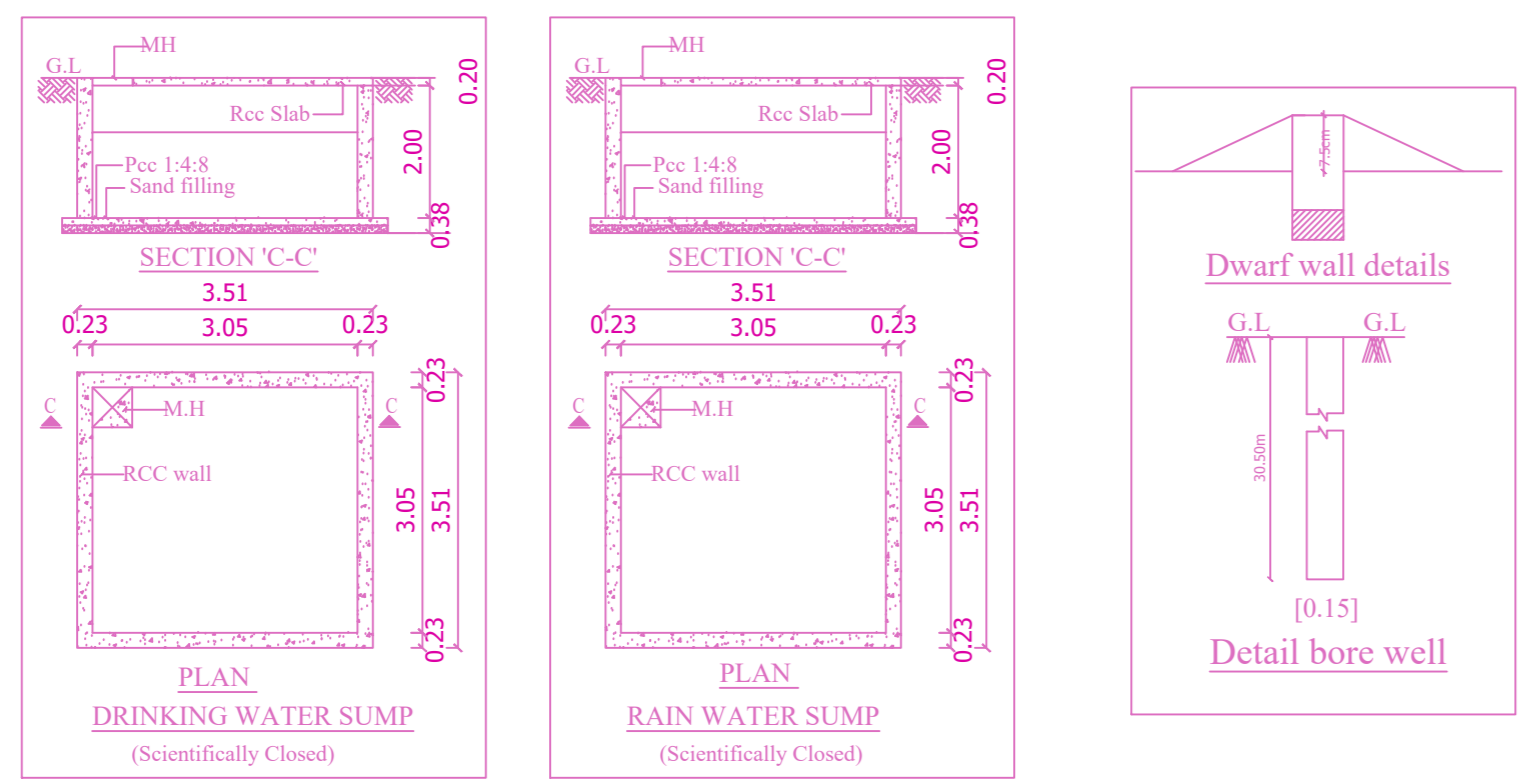


DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 15 DWELLINGS

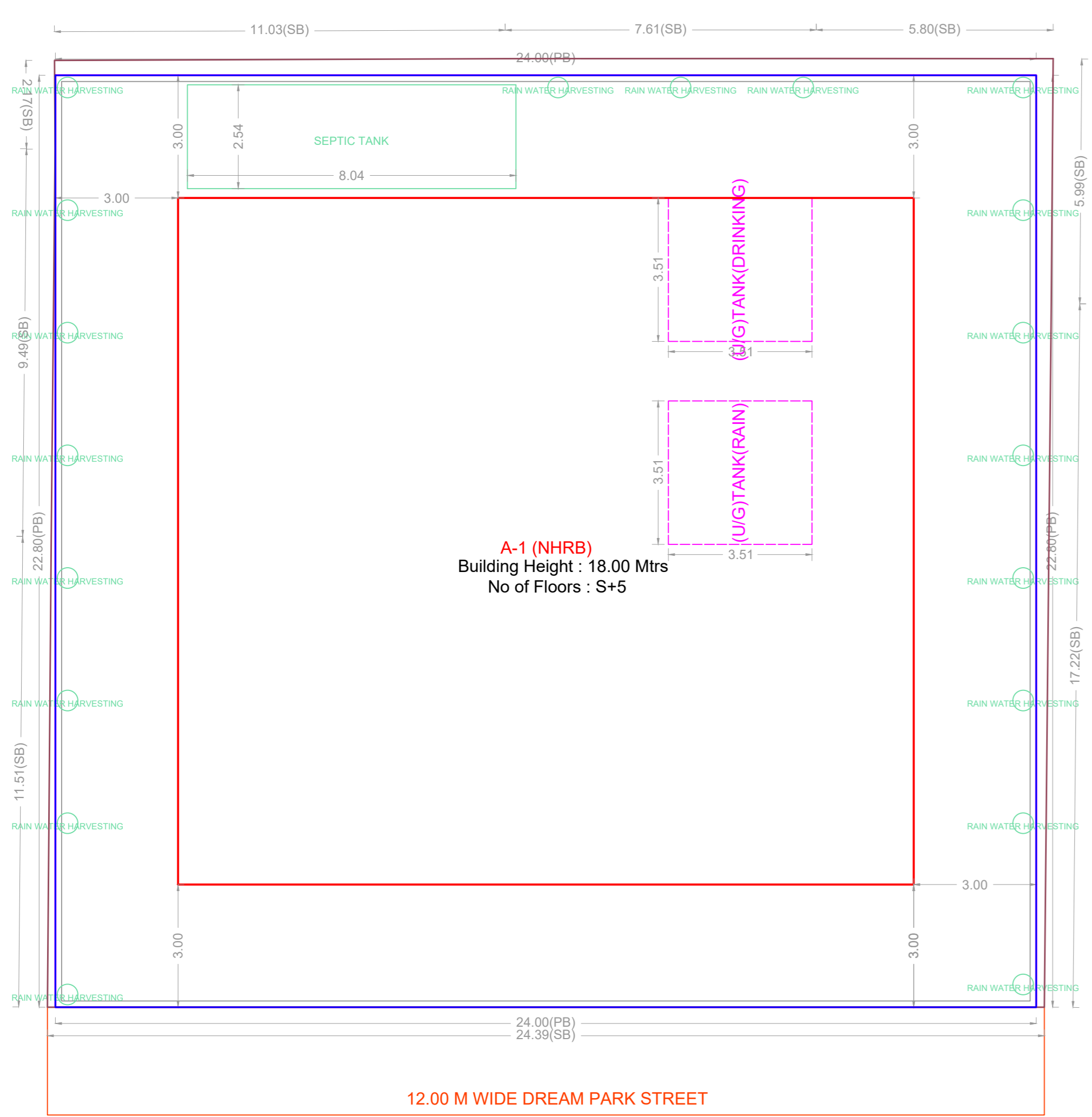
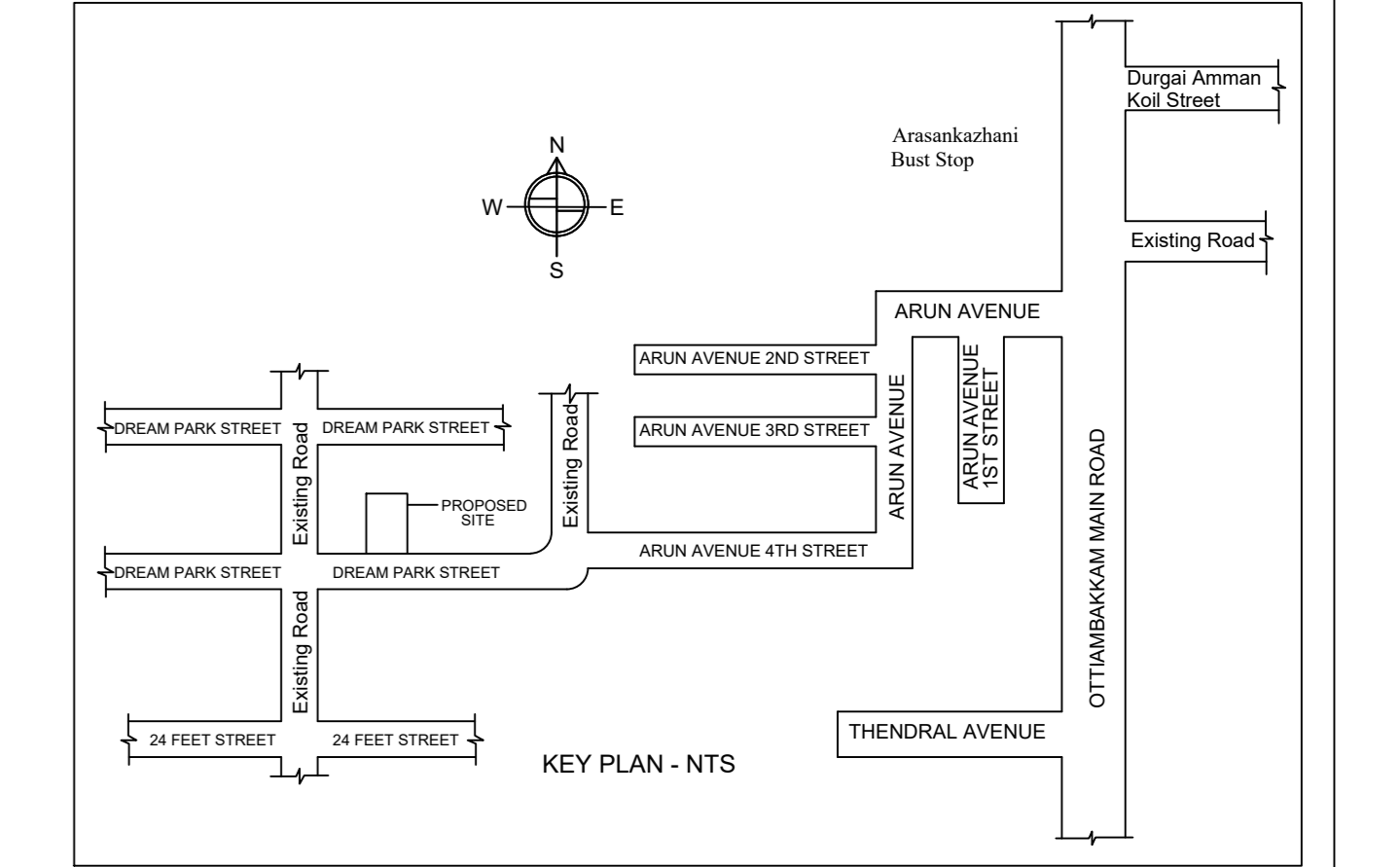
NO. OF FLATS OR DWELLINGS = 34
 ASSUMING 4 PERSONS FOR FLATS = 34x5=170
 NO. OF PERSONS = 170
 NO. OF USERS ASSUMING 270 LITRES PER DAY = 170x270=45900 LITRES
 PER HOUR DISCHARGE = 3450 LPM
SEPTIC TANK
 SURFACE AREA NEEDED = 20000/80/10 = 250 SQ. M
 VOLUME OF SEDIMENTATION = 19000/30 = 633.33 M³
 FOR SEDIMENTATION = 19000/30 = 633.33 M³
 FREE BOARD FOR SLUDGE = 0.500/30x30 = 5.47 M²
 FREE BOARD FOR SLUDGE = 5.50 M = 1.80 M²
 DEPTH = VOLUME / AREA = 633.33 / 250 = 2.53 M
 VOLUME = 250 x 2.53 = 632.5 M³
SEPTIC TANK 8.000 (8.00x2.00)
 UPFLOW FILTER
 LIQUID DEPTH OF SEPTIC TANK = 1.50 M
 UPFLOW FILTER DEPTH ALLOWING 3.00 M FREE BOARD 1.4 - 0.3 + 1.10 M
 AREA NEEDED = 1.50 / 1.00 = 1.50 M²
 SIZE OF UPFLOW FILTER 1.00x1.50
 UPFLOW NO-1 = 0.91x1.50x1.50x1.30 M
 UPFLOW NO-2 = 0.91x1.50x1.30 M



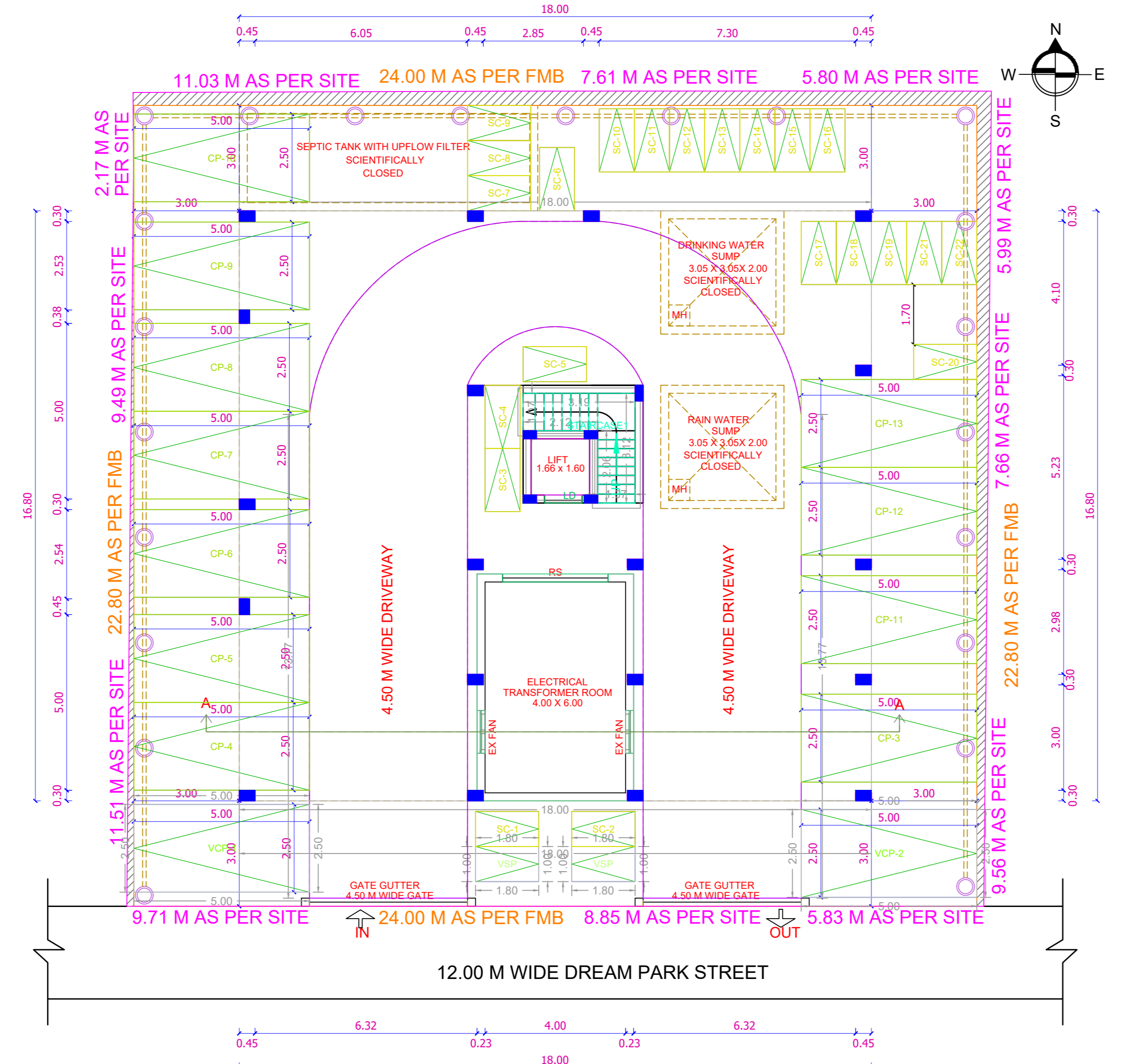
PLANNING PERMISSION APPLICATION FOR THE PROPOSED CONSTRUCTION OF STILT FLOOR +5 FLOORS RESIDENTIAL APARTMENT BUILDING WITH 20 DWELLING UNITS 18.00 M HEIGHT AT PLOT NO: 30 AND 31, DREAM PARK STREET, CHITHALAPAKKAM, CHENNAI - 600 126. COMPRISED IN AS PER PATTA S.NO 43/ 3 AND 43/4, OF SITHALAPAKKAM VILLAGE, TAMBARAM TALUK, CHENGALPATTU DISTRICT WITHIN THE LIMIT OF ST. THOMAS MOUNT PANCHAYAT UNION LIMITS.

A) AREA STATEMENT		SQ.M.
AREA AS PER PATTA		540.00
AREA AS PER DOCUMENT		564.85
AREA CONSIDERED FOR FSI		540.00
STREET ALIGNMENT/ ROAD WIDENING/LINK ROAD		0.00
OSR AREA		0.00
TOTAL FSI AREA		1510.81
FSI FACTOR		2.798
COVERAGE AREA (PERCENTAGE %)		NA

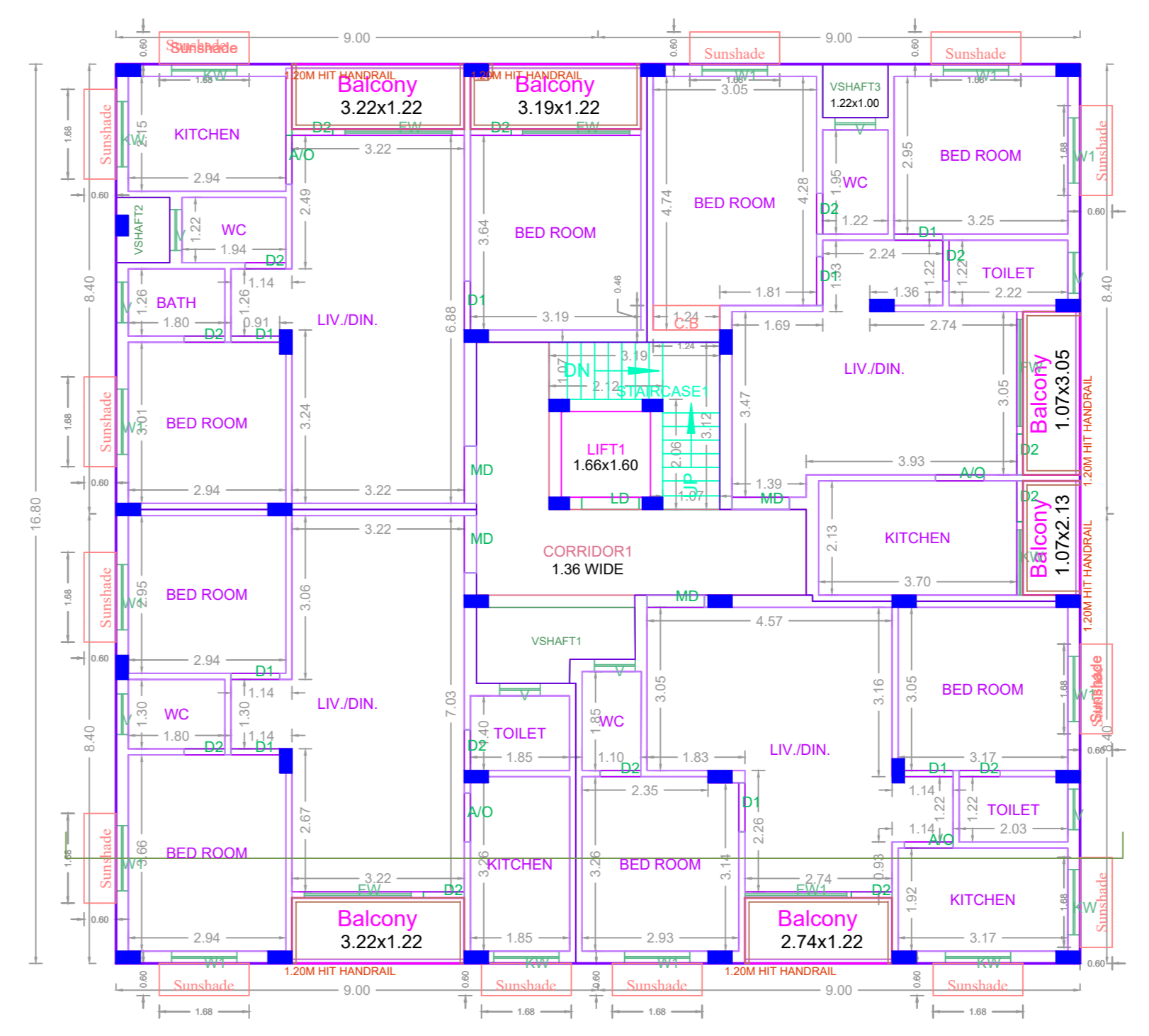
A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	0	0
CAR	0	13
TWO WHEELER	22	24
CYCLE	0	0



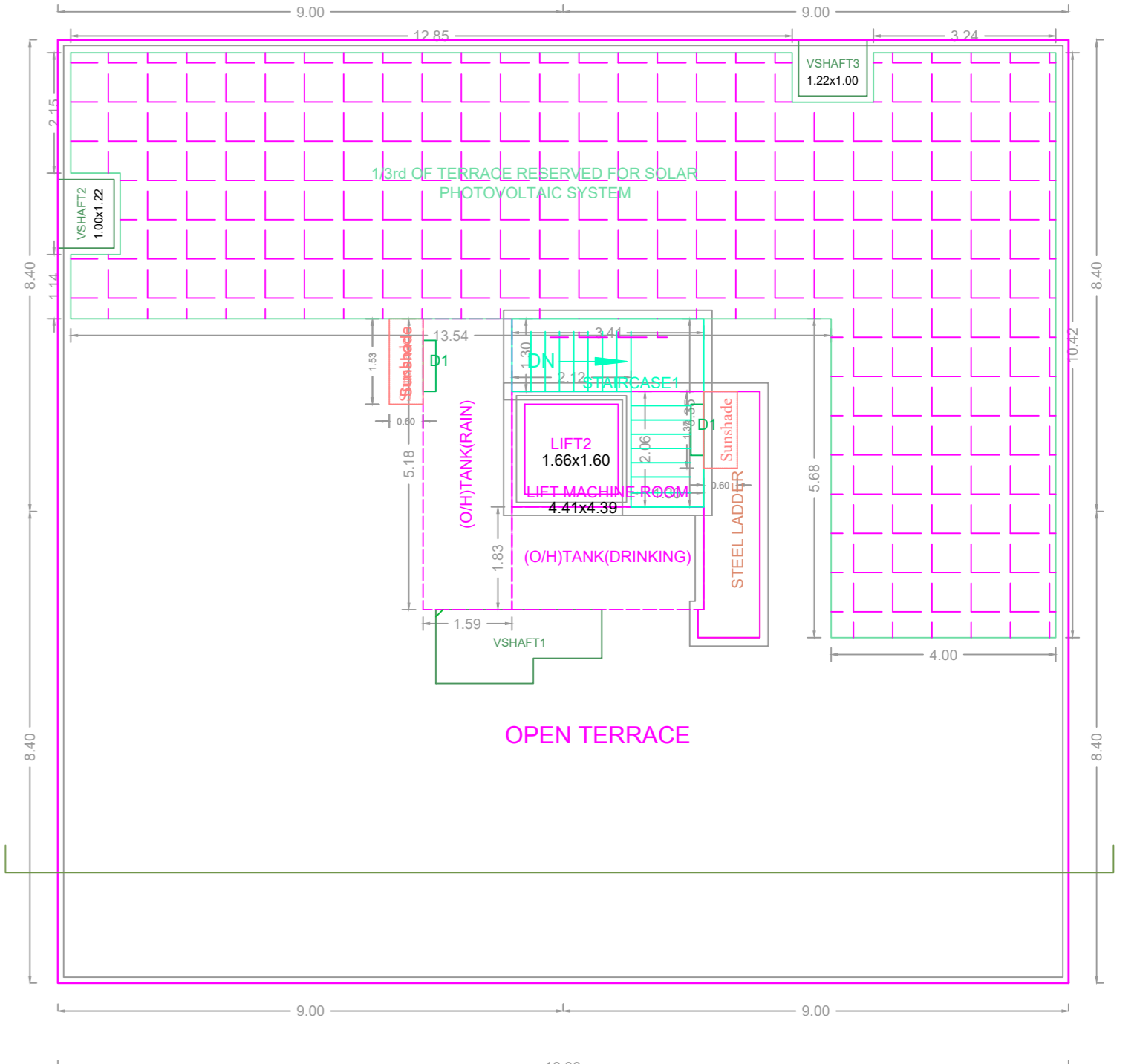
SITE PLAN



SITE CUM STILT FLOOR PLAN



TYPICAL 1-5 FLOOR PLAN



TERRACE FLOOR PLAN

FLOOR WISE FSI STATEMENT: A (NHRB)

FLOORS	FSI AREA				DU	TOTAL FSI AREA
	COMM.	RESI.	IND.	SPEC.		
Terrace	0.00	0.00	0.00	0.00	0	0.00
FIFTH FLOOR	0.00	296.40	0.00	0.00	4	296.40
FOURTH FLOOR	0.00	296.40	0.00	0.00	4	296.40
THIRD FLOOR	0.00	296.40	0.00	0.00	4	296.40
SECOND FLOOR	0.00	296.40	0.00	0.00	4	296.40
FIRST FLOOR	0.00	296.40	0.00	0.00	4	296.40
STILT PARKING FLOOR	0.00	28.81	0.00	0.00	0	28.81
Total	0.00	1510.81	0.00	0.00	20	1510.81

BUILDING WISE FSI STATEMENT

BUILDING	NO OF SAME BUILDING	FSI AREA				DU	TOTAL FSI AREA
		COMM.	RESI.	IND.	SPEC.		
A-1 (NHRB)		0.00	1510.81	0.00	0.00	20	1510.81
Total		0.00	1510.81	0.00	0.00	20	1510.81

APPROVAL CONDITION

1. The building shall be constructed in accordance with the approved plans and specifications.
 2. The building shall be constructed within the stipulated time frame.
 3. The building shall be constructed in accordance with the approved floor area ratio (FSI) and coverage.
 4. The building shall be constructed in accordance with the approved height and setbacks.
 5. The building shall be constructed in accordance with the approved parking provisions.
 6. The building shall be constructed in accordance with the approved fire safety provisions.
 7. The building shall be constructed in accordance with the approved environmental provisions.
 8. The building shall be constructed in accordance with the approved other provisions.

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

For (Deputy Planner / Chief Planner / Member-Secretary)
 High Rise Building / Non High Rise Building
 This Approval is valid only after building Permit is issued by the concerned Local Body.

KEY NO. 7688

QR CODE