

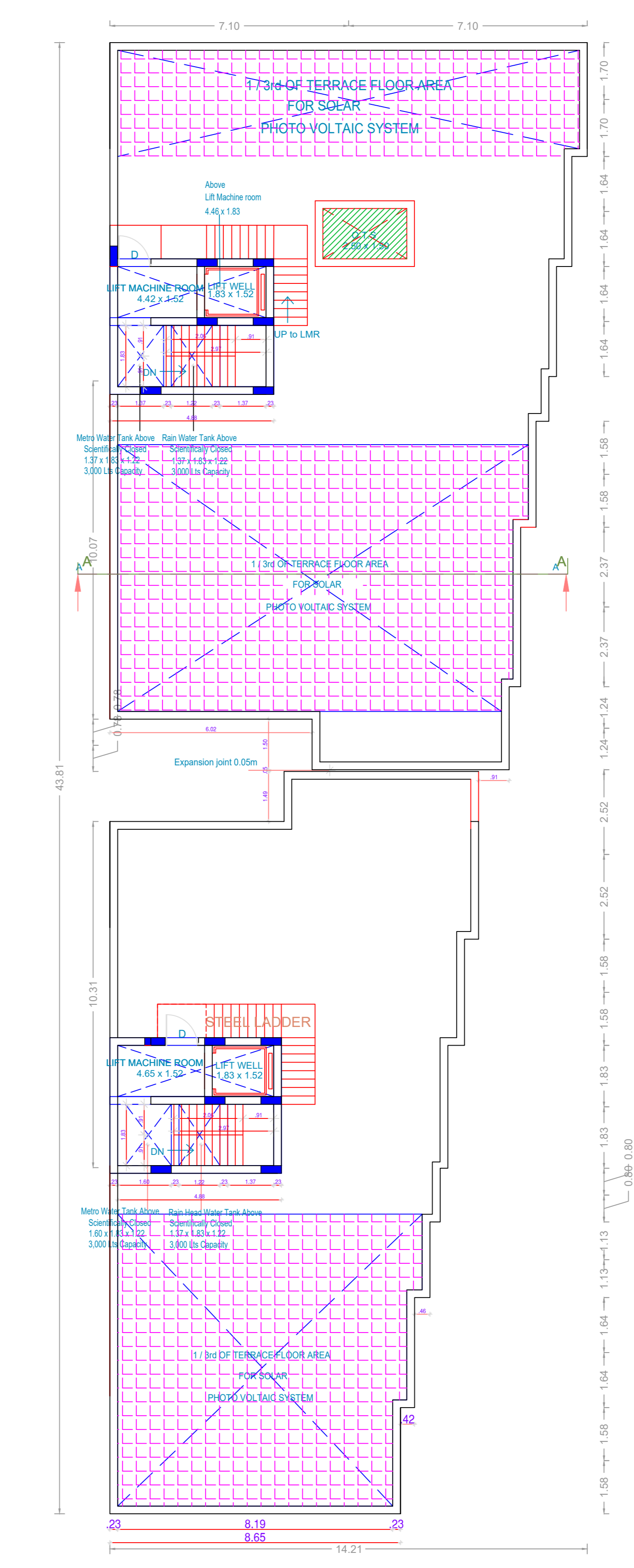
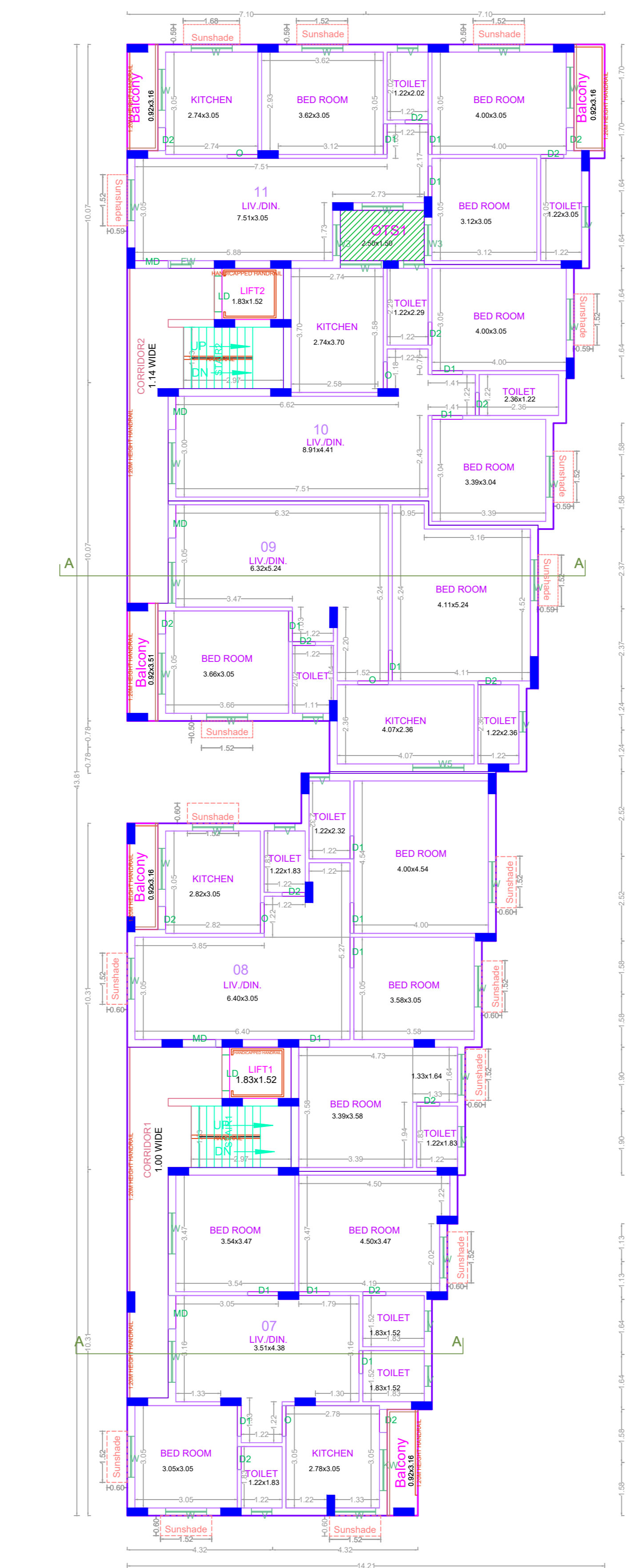
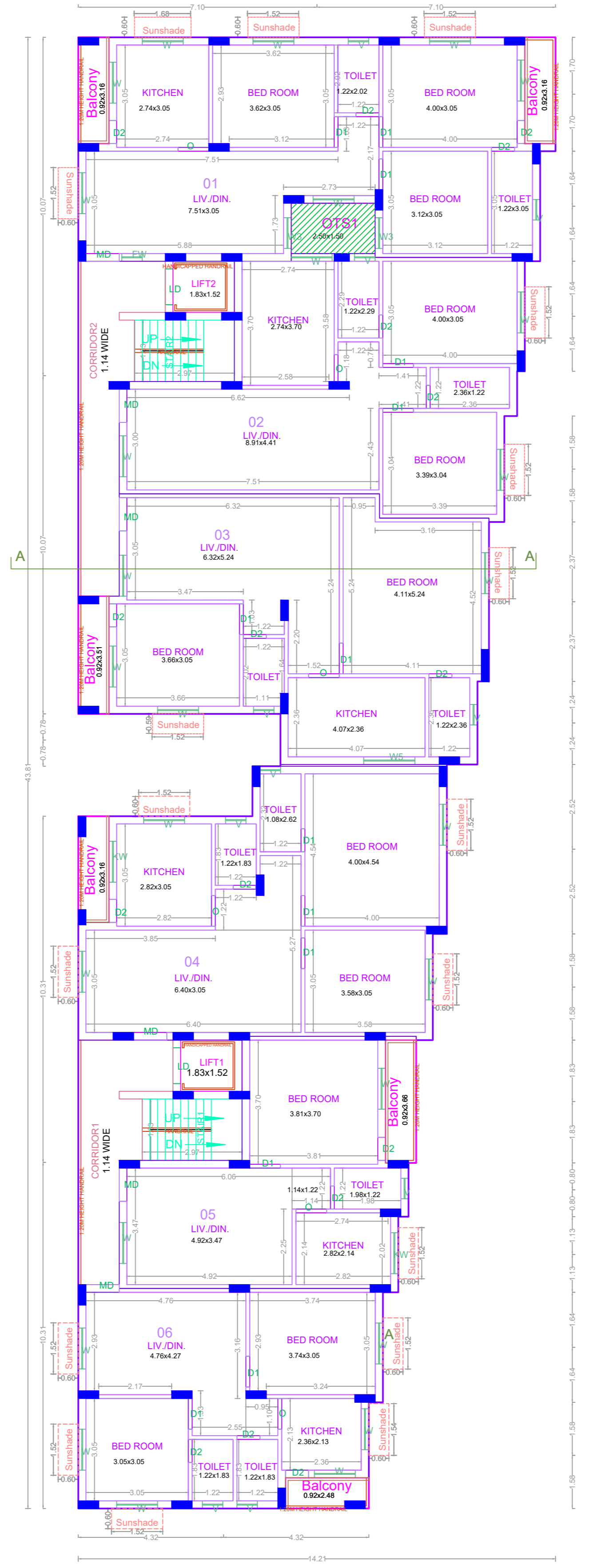
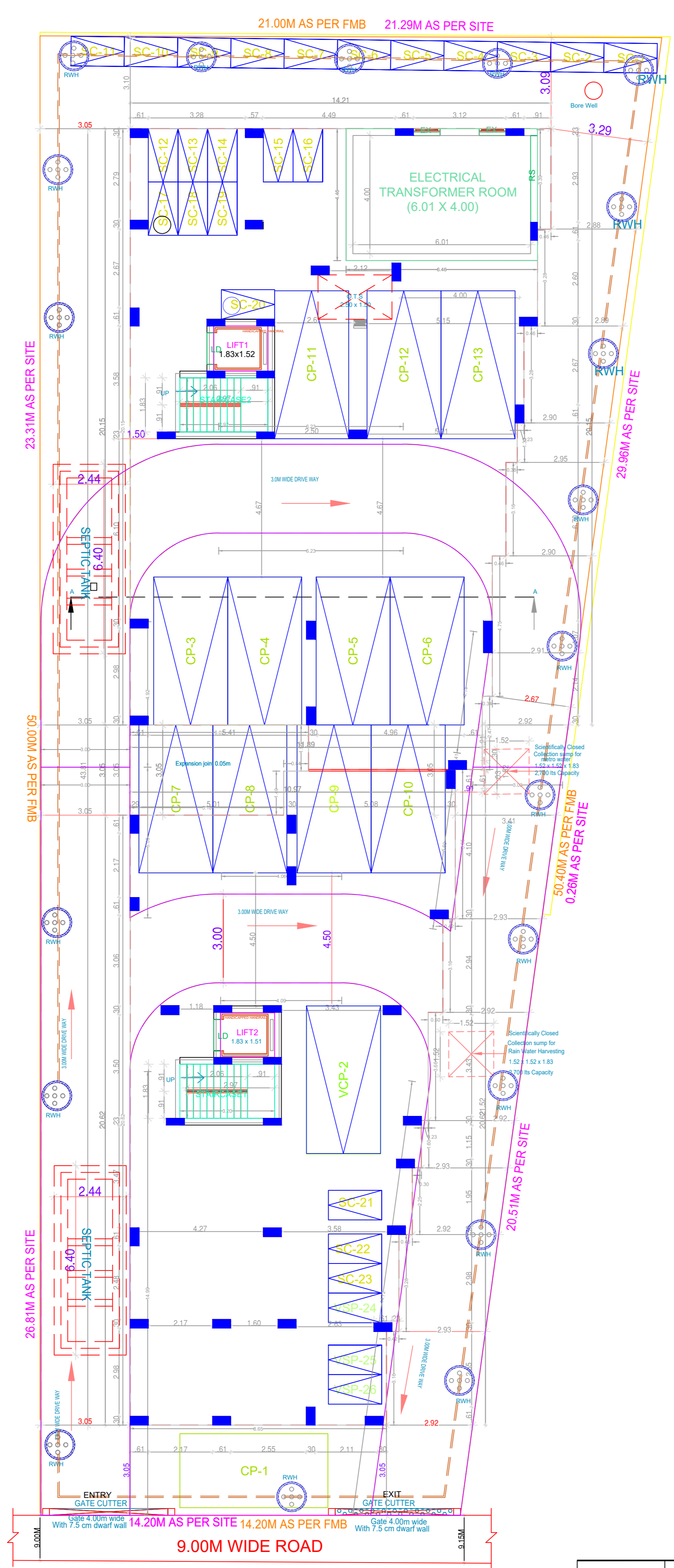
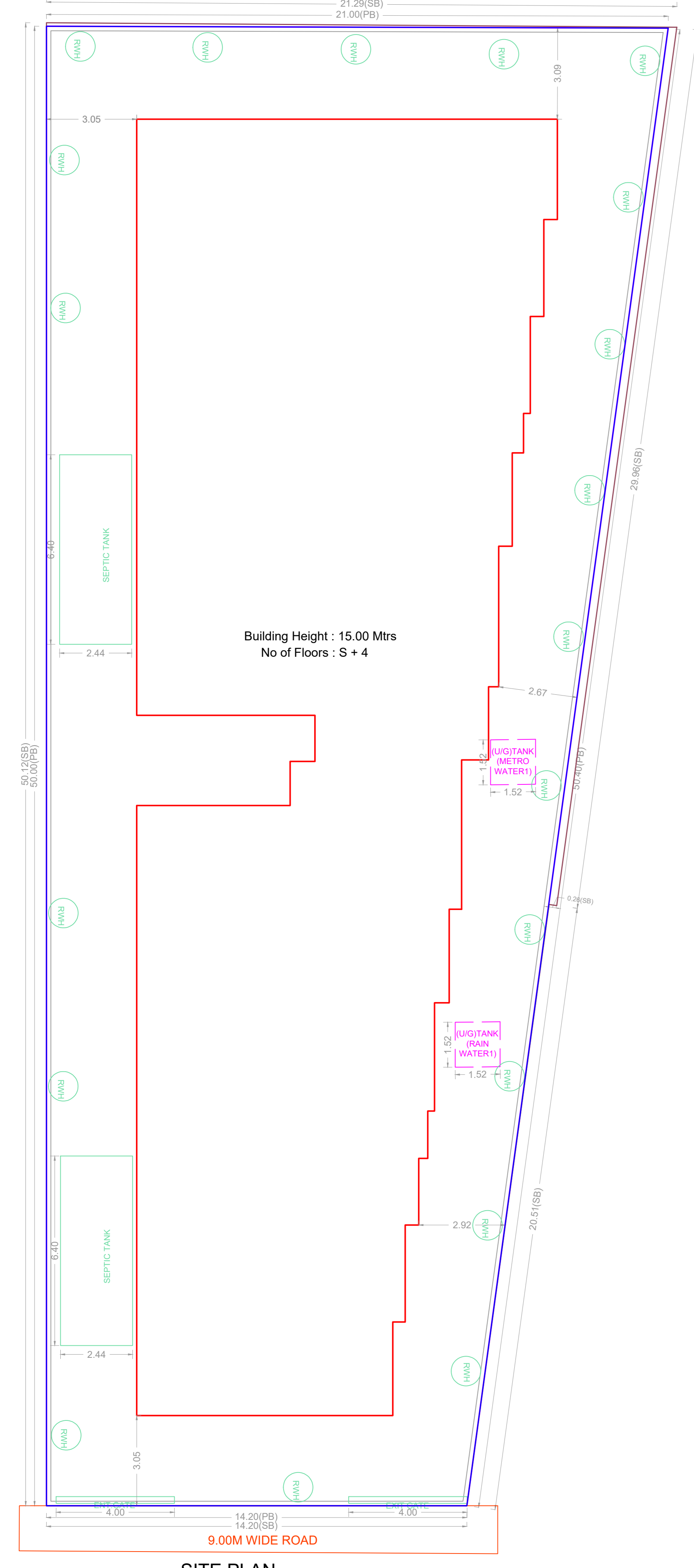
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 4 FLOORS (HEIGHT - 15.0M) RESIDENTIAL BUILDING WITH 23 DWELLING UNITS [AFFORDABLE HOUSING] AT AGARAMTHEN, CHENNAI COMPRISED IN DOCUMENT S.NO:231/21A1, AS PER PATTA S.NO:231/33 OF AGARAMTHEN VILLAGE WITHIN THE LIMIT OF ST.THOMAS MOUNT PANCHAYAT UNION.

A) AREA STATEMENT	SQ.M.
AREA AS PER PATTA	881.00
AREA AS PER DOCUMENT	880.30
AREA CONSIDERED FOR FSI	881.00
STREET ALIGNMENT/ROAD WIDENING/LINK ROAD	0.00
OSR AREA	0.00
TOTAL FSI AREA	1951.37
FSI FACTOR	2.215
COVERAGE AREA (PERCENTAGE %)	NA

A) PARKING STATEMENT		
VEHICLE	REQUIRED	PROVIDED
LORRY	-	0
CAR	8	15
TWO WHEELER	25	28
CYCLE	-	0

FLOOR WISE FSI STATEMENT-A (BLOCK)									
FLOORS	COMA	RES.	IND.	INST.	DU	TOTAL FSI AREA			
STILT PARKING FLOOR	0.00	28.82	0.00	0.00	0	28.82			
FIRST FLOOR	0.00	480.68	0.00	0.00	6	480.68			
SECOND FLOOR	0.00	480.68	0.00	0.00	6	480.68			
THIRD FLOOR	0.00	480.68	0.00	0.00	6	480.68			
FOURTH FLOOR	0.00	480.71	0.00	0.00	5	480.71			
Terrace	0.00	0.00	0.00	0.00	0	0.00			
Total	0.00	1951.37	0.00	0.00	23	1951.37			

BUILDING WISE FSI STATEMENT						
BUILDING	NO OF SAME BUILDING	COMA	RES.	IND.	INST.	DU
A1 (BLOCK)	1	0.00	1951.37	0.00	0.00	23
Total	1	0.00	1951.37	0.00	0.00	23



DESIGN OF SEPTIC TANK WITH UP FLOW FILTERS.

No. of dwellings -- 23 units
 No. of Users -- 5X23 = 115nos.
 Rate of water supply is -- 75 LPH/Day.
 Then flow of sewage per day -- 115x75= 8625 Lts/Day.
 Detention period is -- 18 Hrs.
 Tank capacity -- 8625x18 = 6468.75 Lts.
 24
 The tank is to be cleared every year. So the sludge storage capacity at the rate of 15Lts./person/year.
 -- 15x115 = 1725
 -- 6468.75 + 1725 = 8193.75
 be 8193.75 lts. approximately taken as 10 m³
 Septic tank having the capacity of -- 10m³
 Depth of liquid as -- 3.00
 Plan of the Tank -- 16 = 5.33
 3.0
 Breadth of the Tank -- 2.13
 Length of the Tank -- 3.00
 Free board of the Tank -- 0.30
 Total depth of the Tank -- 2.70+ 30 = 3.00
 PROVIDE SEPTIC TANK OF THE SIZE -- 2.13x3.00x2.70
UP FLOW FILTERS
 Discharge for 3 persons -- 1125 Lts.
 Volume -- 3.00x0.98=2.94
 Depth -- 1.80m-0.50m = 1.30
 Plan area required -- 2.94 = 2.26 m²
 2.10
SIZE OF THE FINAL EFFLUENT SUMP -- 1.21x1.52x1.80
 UP FLOW FILTER NO.1 -- 0.78x1.52x1.80
 UP FLOW FILTER NO.2 -- 0.78x1.52x1.80

APPROVAL CONDITION

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE