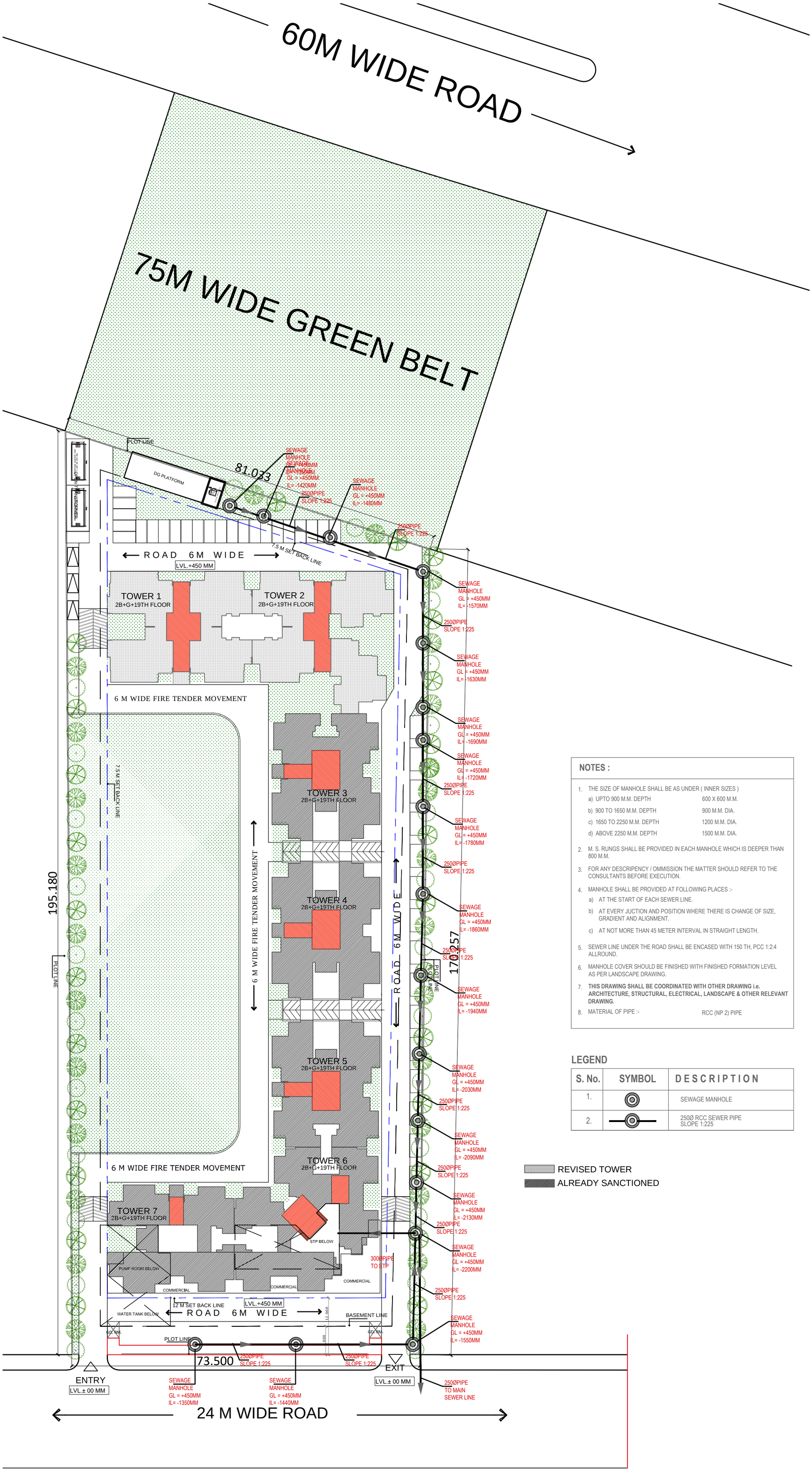

AREA CHART

PLOT AREA	=	13800.00 SQM
PERMISSIBLE F.A.R. @2.75	=	37950.00 SQM
PURCHASABLE FAR @0.7425	=	10246.50 SQM
TOTAL PERMISSABLE+PURCHASABLE FAR (2.75+0.7425)	**=**	**48196.50 SQM**
GREEN FAR @ 5%	=	2409.83 SQM
TOTAL PERMISSABLE+PURCHASABLE+GREEN FAR (2.75+0.7425+0.05)	**=**	**50606.33 SQM**
PERMISSIBLE GROUND COVERAGE@ 35%	=	4830.00 SQM
PERMISSIBLE AREA OF COMMERCIAL @1%of FAR (2.75)	**=**	**379.50 SQM**
PURCHASABLE COMMERCIAL AREA	=	103.50 SQM
PERMISSABLE AREA OF COMMERCIAL	**=**	**483.00 SQM**
TOTAL PERMISSABLE AREA OF COMMERCIAL	**=**	**483.00 SQM**
PROPOSED F.A.R.	**=**	**50555.63 SQM**
PROPOSED GROUND COVERAGE @ (32.50%)	=	4485.84 SQM
PROPOSED COMMERCIAL AREA @ (0.998%)	=	482.95 SQM
PROPOSED LOWER BASEMENT AREA	=	10808.36 SQM
PROPOSED UPPER BASEMENT AREA	=	10855.84 SQM
PROPOSED STILT AREA	=	1594.43 SQM
TOTAL PERMISSIBLE ANCILLARY AREA	**=**	**7590.95 SQM**
PROPOSED ANCILLARY AREA @(14.52%)	**=**	**7351.01 SQM**

DENSITY/POPULATION

PERMISSIBLE DENSITY (1650+450) = 2100 PPH	
PERM. DUS @ 3.5 FAR = (2100*1.38)/4.5 =644	
TOTAL PERM. DUS = 644	**SAY 644**
TOTAL NO. OF FLATS= 557 FLATSX4.5=2506.5 PERSONS	
TOTAL POPULATION ACHIEVED=2507PERSONS	
PROPOSED DENSITY =2507/1.38 =1816.66 PPH	SAY 1817 PPH

PARKING CALCULATION

PARKING REQUIRED FOR HOUSING = 50207.85/80 SQM	627.8353	ECS
PARKING REQUIRED FOR COMMERCIAL = 507.15/50 SQM	7.59	ECS
PARKING REQUIRED FOR COMMUNITY = 673.012/100 SQM	6.730118	ECS
CAR PARKING REQUIRED=627.598+10.143+6.730=644.471 CARS	SAY 645 CARS	
TOTAL PROPOSED PARKING ON LOWER BASEMENT= 280.930 CARS		
TOTAL PROPOSED PARKING ON UPPER BASEMENT= 268.859 CARS		
TOTAL PROPOSED PARKING ON STILT= 53.148 CARS		
TOTAL PROPOSED PARKING ON SURFACE=46 CARS		
TOTAL PROPOSED PARKING=280.930+268.859+53.148+46=648.937 ECS	SAY 649 CARS	

GREEN AREA DETAIL

TOTAL OPEN AREA OF THE SITE
PLOT AREA - TOTAL GR.COVERAGE
= 13800.00 - 4485.840 = 9314.16 SQM

GREEN AREA REQUIRED

= 50% OF OPEN AREA =9314.16/2 = 4657.08 SQM
PROP. GREEN AREA= 4720.256 SQM

REQUIRMENT OF TREES

ONE TREE PER 100 SQM OF OPEN AREA

=	OPEN AREA/100
=	9314.16/100
=	93.140

REQUIRED NOS OF TREES=94
PROPOSED NOS OF TREES=100
EVERGREEN TREE =50 NOS.
ORNAMENTED TREE=50 NOS.

NOTES :

1. THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
   a) UPTO 900 M.M. DEPTH — 600 X 600 M.M.
   b) 900 TO 1650 M.M. DEPTH — 900 M.M. DIA.
   c) 1650 TO 2250 M.M. DEPTH — 1200 M.M. DIA.
   d) ABOVE 2250 M.M. DEPTH — 1500 M.M. DIA.
2. M. S. RUNGS SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 M.M.
3. FOR ANY DESCRIPENCY / OMMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
4. MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES :-
   a) AT THE START OF EACH SEWER LINE.
   b) AT EVERY JUCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
   c) AT NOT MORE THAN 45 METER INTERVAL IN STRAIGHT LENGTH.
5. SEWER LINE UNDER THE ROAD SHALL BE ENCASED WITH 150 TH, PCC 1:2:4 ALLROUND.
6. MANHOLE COVER SHOULD BE FINISHED WITH FINISHED FORMATION LEVEL AS PER LANDSCAPE DRAWING.
7. **THIS DRAWING SHALL BE COORDINATED WITH OTHER DRAWING i.e. ARCHITECTURE, STRUCTURAL, ELECTRICAL, LANDSCAPE & OTHER RELEVANT DRAWING.**
8. MATERIAL OF PIPE :- RCC (NP 2) PIPE

LEGEND

S. No.	SYMBOL	DESCRIPTION
1.		SEWAGE MANHOLE
2.		250Ø RCC SEWER PIPE SLOPE 1:225

REVISED TOWER
ALREADY SANCTIONED

SUBMISSION DRAWING

PROJECT :
PROPOSED GROUP HOUSING
AT PLOT NO . GH - 16 - D,
SECTOR-01, G. NOIDA, U.P.

CLIENT :
ALPINE INFRA PROJECTS PVT.LTD.

SHEET TITLE :
SITE PLAN
SEWAGE LAYOUT

DATE : 01-08-22	DRG.NO : SEWER-01
SCALE : 1:400	NORTH:
OWNER'S SIGN	ARCHITECT'S SIGN

ARCHITECTS:
SPACE DESIGN GROUP
W-139, F.F GREATER KAILASH-I, NEW DELHI -48
PH: 011-29240732 , 41631265
EMAIL :spacedesigngroup@rediffmail.com/ gmail.com

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