

TOWER-02 (ATLAS)
 3 BASEMENT
 + GROUND
 + 37 FLOOR
 (131.300 MT.
 AT. Terrace lvl.

TOWER-01 (EDEN,AQUA)
 3 BASEMENT
 + GROUND
 + 34 FLOOR
 (121.400 MT.
 AT. Terrace lvl.

TOWER-03 (CORAL,BLISS)
 3 BASEMENT
 + GROUND
 + 34 FLOOR
 (121.400 MT.
 AT. Terrace lvl.

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.		SEWER LINE
2.		DRAINAGE LINE
3.		BASEMENT LINE

Table-8: Runoff Calculation of the Area

Peak Run off				
Max. Rainfall Intensity 90 mm/hr				
Location	Runoff coefficient	Area (m ²)	Rainfall Intensity (m/hr)	Peak Run off (m ³ /hr)
Roof Area	0.8	4740	0.09	341.28
Total Runoff (m³/hr)				341.28

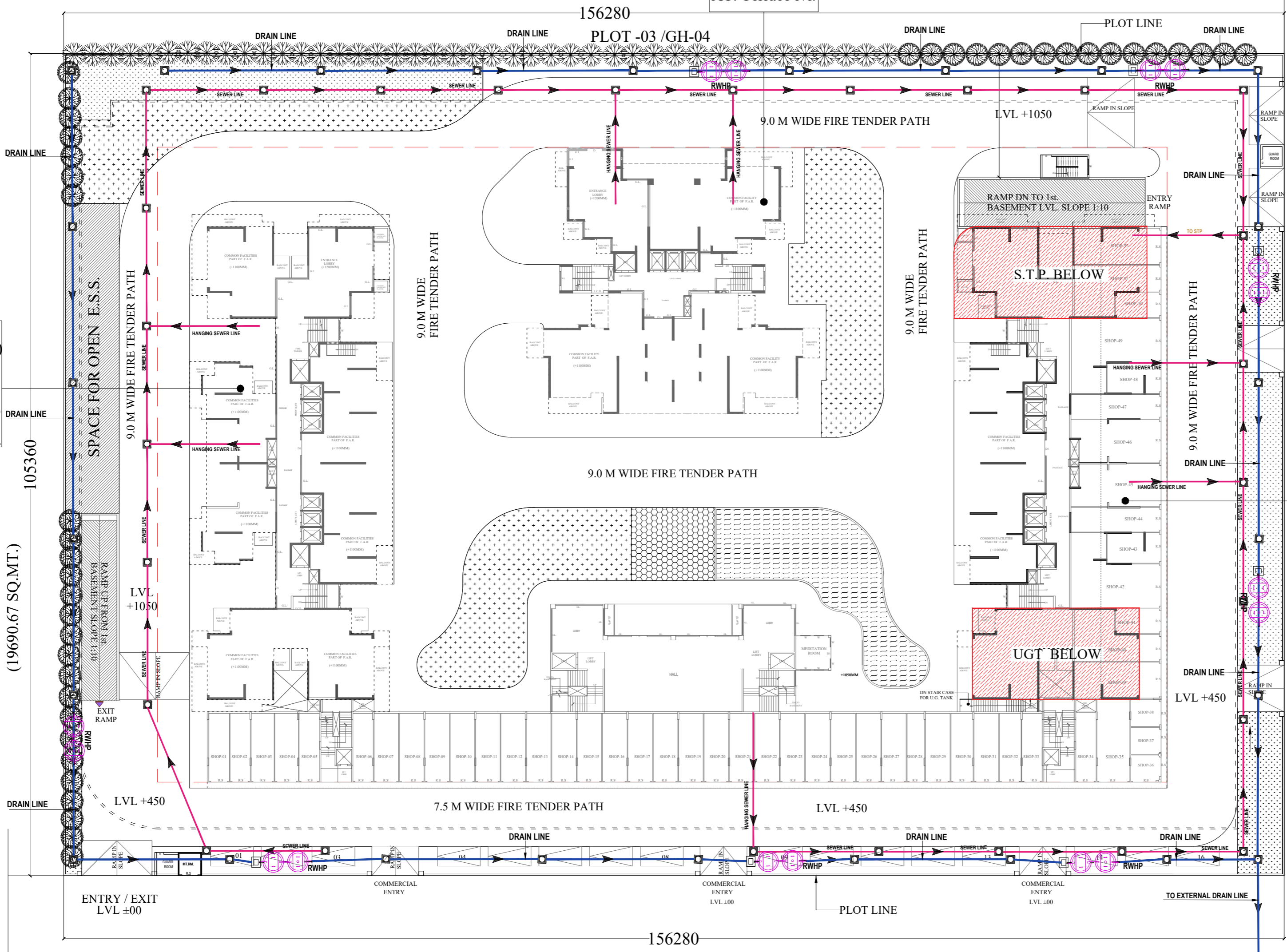
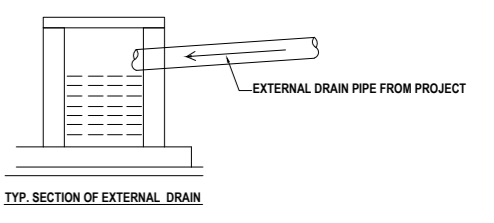
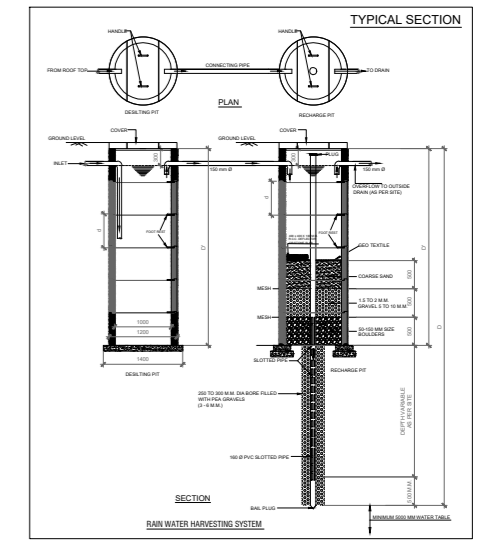
Runoff Potential

Total Runoff Potential	341.28 m ³ /hr
Taking 15 minutes Retention Time,	
Total volume of storm water	85.32 m ³

Taking the effective length, breadth and depth of a Recharge pit dia 1.2m & Height 5m respectively:

Volume of single recharge pit (3.14*0.36*5) (a)	5.652	m ³
Providing Desilting tank of size (b)	5.652	m ³
Total Volume (a + b)	11.30	m³
Hence No. of pits required	7.55	
Provided no. of pits	8	

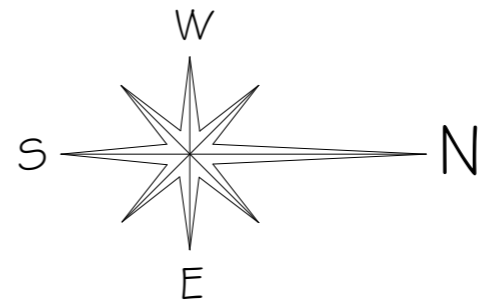
Volume of single recharge pit	5.652		
TI	3.14		
F x F	0.36		
Height(h)	5		
Hence Nos. of pits required = 8			



GH
 PLOT AREA=
 (19690.67 SQ.MT.)

24.00 MT WIDE ROAD

24.00 MT WIDE ROAD



PROJECT :- PROPOSED GROUP HOUSING "SKA ATLANTIS" AT PLOT NO-3 GH-03 SIDDHARTH VIHAR YOJNA GHAZIABAD U.P.

BUILDERS & PROMOTERS :- AAROHI TOWERS PRIVATE LIMITED

DRAWING TITLE :- **EXTERNAL SEWERAGE & DRAINAGE**

ARCHITECTS :- Space Designers International
 B-34 Sector-67, NOIDA-201301
 Ph: 91-9711833717, 18
 e-mail: info@spacedi.com, www.spacedi.com

CHECKED BY :- SCALE :- DATE :-

JRS Builders (P) Ltd. Designated Partner
 OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE
 DRG. No. :-S-02