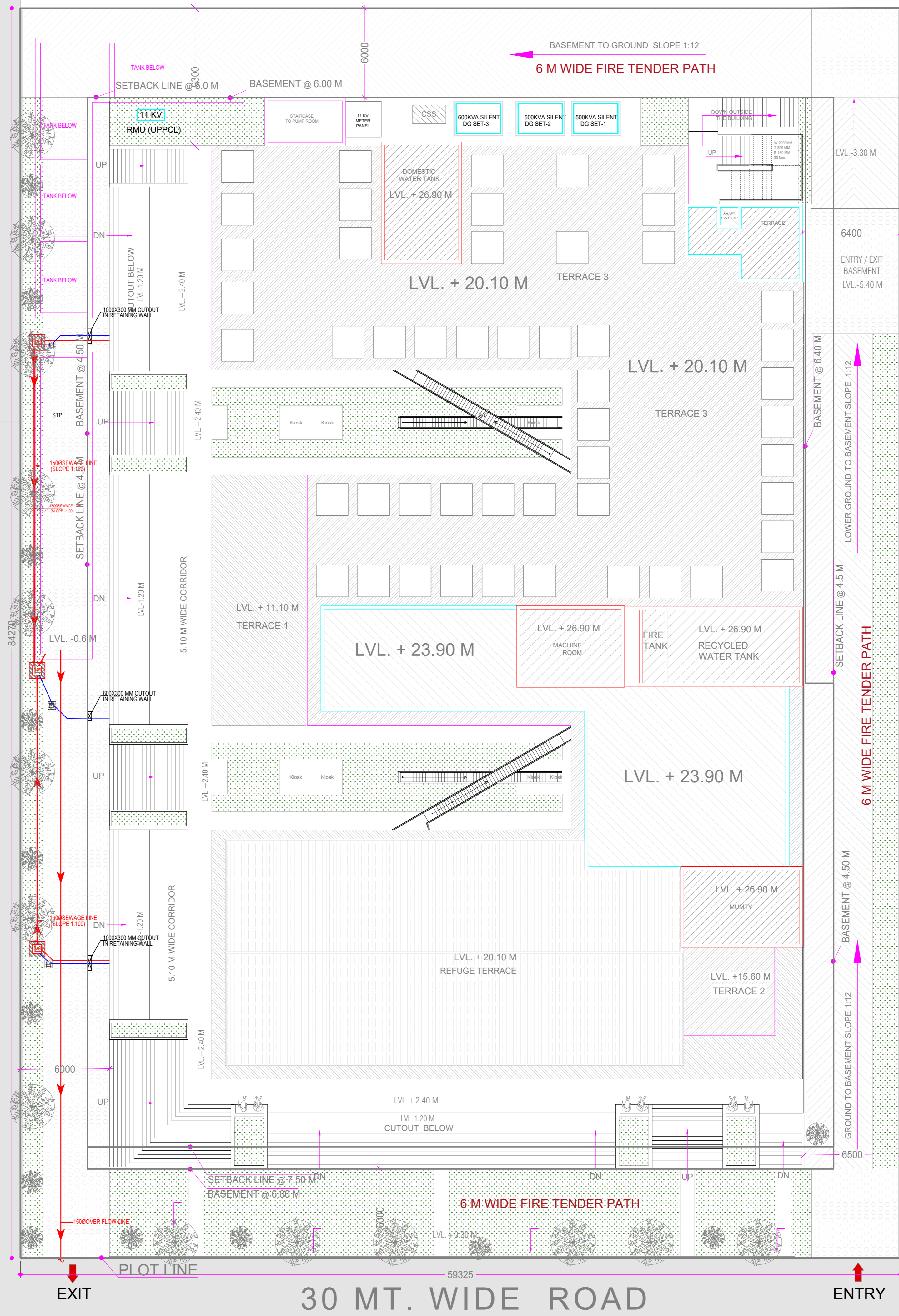


YAMUNA EXPRESSWAY (SERVICE ROAD)



SEWER LINE LEGEND	
	SEWERAGE LINE
	WASTE LINE
	GULLY TRAP
	SEWAGE MANHOLE

DESIGN DATA:
The capacity of the sewage treatment plant shall be designed on the basis of following design calculations

Sr. No	Description	Units	Quantity in lpd	Remarks
Residential Building				
1	Total water consumption			
	Total Domestic Water		59,225	
	Total Flushing Water		31,895	
Sewage Generation				
	85% of Total Domestic Water consumption		50,342	
	100% of Total Flushing Water consumption		31,895	
	Total volume of water entering sewerage system		82,236	lit/day
2	Volume of water entering STP		82,236	lit/day
	That means,			
	Considering 100% full condition, capacity of STP required is	100%	82.2	cum/day
3	Volume of recycled water generated @ 90 %			
	For, 100% Full Load condition	90%	74,013	cum/day

Note: For 100 % load condition we shall suggest to install STP of 85 CUM/Day

MEP CONSULTANT: MULTIPLE SERVICES CONSULTANTS 253/B, Rajpur Khurd Extension, Chattarpur, New Delhi-110068, Ph. no. -8920225677/8920228058 msc@msc-mep.com	ARCHITECTS DESIGN ASSOCIATES. J-16, SECTOR-41, NIODA - 201303, Tel.:9625775674 Email: aplusdesignassociates@gmail.com	PROJECT: PROPOSED COMMERCIAL COMPLEX C-14 SEC COM GYC YEIFDA GR NOIDA(U.P.) CLIENT WALL ROCK DEVELOPERS LLP B-33, SECTOR 63 NOIDA	STRUCTURE CONSULTANT 212, TOWER-A, I-THUM A-40 SECTOR-62 NOIDA-201301, (U.P.) PH: 0120-3759299 constructiveideas01@gmail.com	DRN BY S.K CHK BY DKY A1 1:150 DWG NO. COM/N/MSC/SW/PL-01	DWG: TITLE SEWAGE LAYOUT DATE: 05-08-2022 NORTH
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