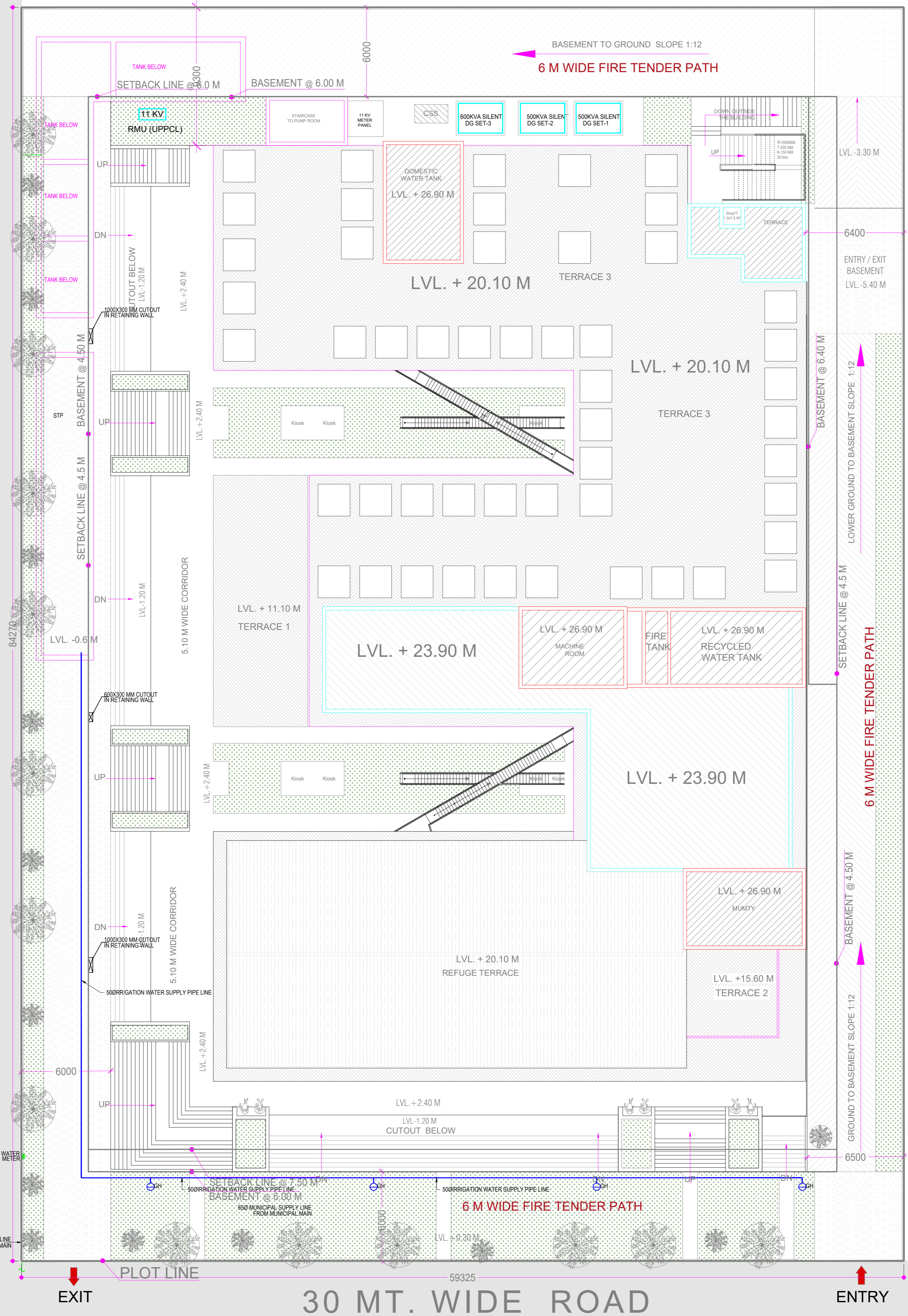


YAMUNA EXPRESSWAY (SERVICE ROAD)



WATER CONSUMPTION DATA-SUMMARY & TREATED WASTE WATER RE-USE		
S. No.	Description	Round-Off (Ltr./Days)
1	Domestic (Cold) Water Requirement (A)	55769
2	Domestic (Hot) Water Requirement (B)	3456
	Total (A+B)	59225
3	Flushing Water Requirement (C)	31895
	Total (A+B+C)	91120
4	Flow to Sewer	82236
	STP Design - 77702 Ltr./Days	Approx - 74013
Treated Water Re-Use		
S. No.	Description	Round-Off (Ltr./Days)
1	Flushing Water Requirement	31895
2	Gardening & Landscaping (753.70 Sqm)	3769
3	Make-Up to HVAC Cooling Tower	45000
	Total	80663
CONCLUSION		
a) Total Water Requirement For Building - 97770 Ltr./days		
b) Total Fresh Water Requirement - 65875 Ltr./days		
c) Total Treated Water From STP - 74013 Ltr./days		

Underground and Overhead Water Storage Tank Capacity						
S. No.	Description	Compartment	Capacity (In KL)	Total Capacity (In KL)	Location	Remark (If Any)
Underground Water Storage Tank						
1	Fire Water Storage Tank	2	125	250	Basement	Confirm with CFO / As per NBC
2	Raw Water Storage Tank	1	45	45	Basement	
3	Domestic Water Storage Tank	1	45	45	Basement	
4	Flushing Water Storage Tank	1	35	35	Near STP	
5	Soft Water Storage Tank	1	45	45	Near STP	
Overhead Water Storage Tank						
1	Fire Water Storage Tank	1	10	10	Terrace Lvl.	Confirm with CFO / As per NBC
2	Domestic Water Storage Tank	1	30	30	Terrace Lvl.	
3	Flushing Water Storage Tank	1	15	15	Terrace Lvl.	
4	Soft Water Storage Tank	1	15	15	Terrace Lvl.	

WATER SUPPLY LINE LEGEND	
	DOMESTIC WATER SUPPLY LINE
	IRRIGATION WATER SUPPLY PIPE LINE
	GARDEN HYDRANT

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/WS/PL-01	DWG: TITLE WATER SUPPLY LAYOUT DATE: 05-08-2022 NORTH
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