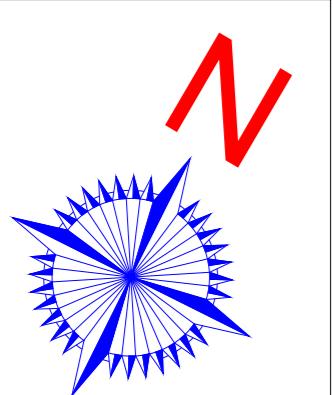
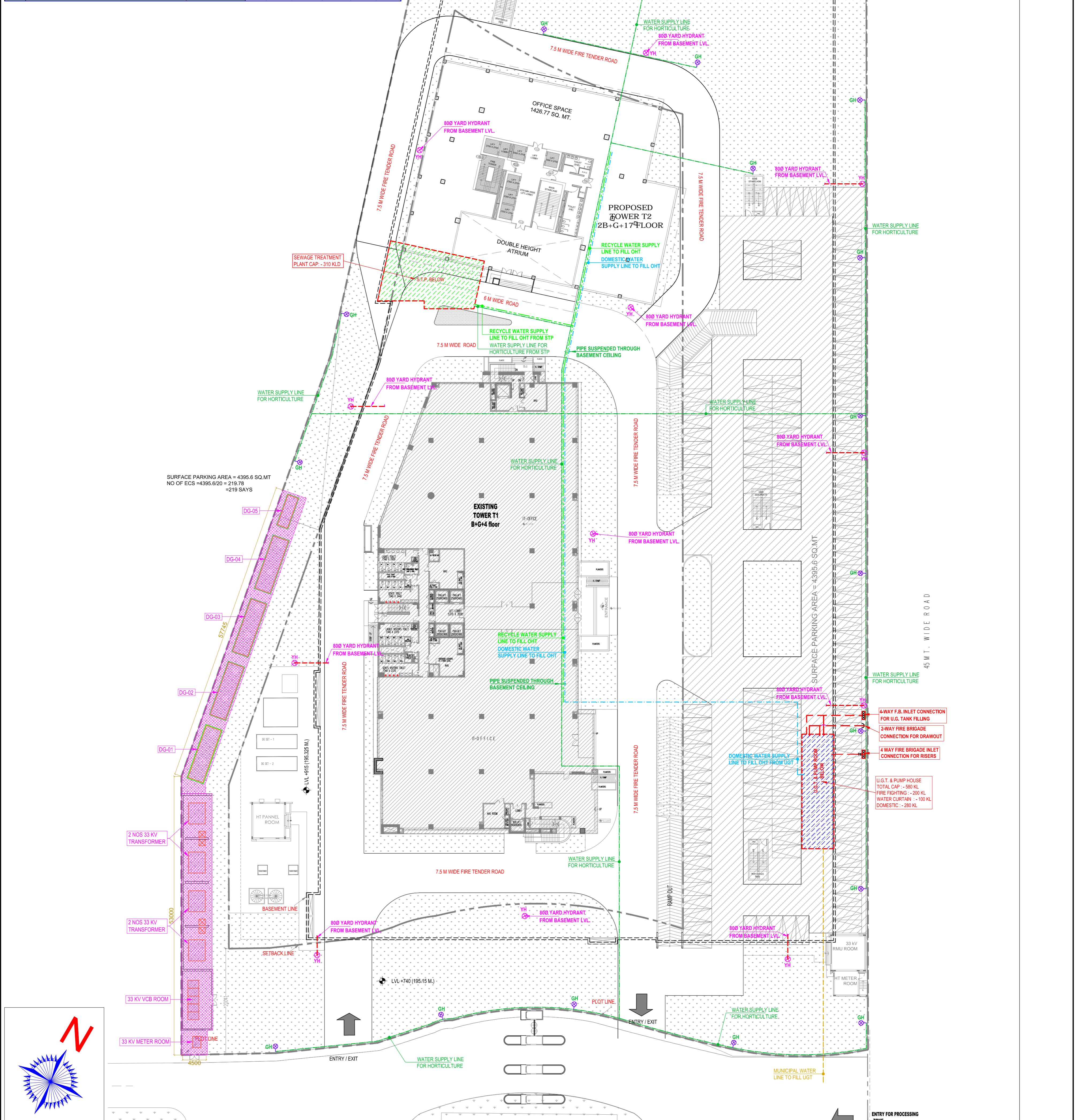


WATER REQUIREMENT CALCULATIONS														
S.No.	Description	Built up Area	Horticulture Water Requirement	No. of Units / Seats	Unit Population	Total Population	Domestic Fresh Water Requirement (A)		Recycle Water Requirement (B)		Total Water Requirement (A+B)	Flow to Sewer		
		(Sq.M)	per Sq.M Area				LPCD	LPD	LPCD	LPD	LPD	Domestic 80%	Flushing 100%	LPD
1	Office Population	46680			10 SqM/person	4670	25	116750	20	93400	210150	93400	93400	186800
2	Floating Population (Office)				10% of above	467	5	2335	10	4670	7005	1868	4670	6538
3	Office Population (night)					1170	25	29250	20	23400	52650	23400	23400	46800
4	Misc / Cafeteria (LS)							5000			5000	4000	0	4000
5	Maintenance Staff					100	25	2500	20	2000	4500	2000	2000	4000
6	Filter Backwash							10000			10000		10000	10000
7	AC Makeup Water									180000	180000			
8	Horticulture	9244	7							64708	64708			
	Total							1,65,835		3,68,178	5,34,013	1,24,668	1,33,470	2,58,138

SUMMARY OF WATER REQUIREMENT / UGT & STP CAPACITY CALCULATION		
	Description	Water Requirement (KLD)
	Domestic Fresh Water Requirement (with additional water requirement)	276
	Recycle Water Requirement	368
	Flow to Sewer	258
	STP Capacity required	258
	STP Capacity provided (by adding 20% as per MOEF)	310
	Additional Fresh Water Required	110
	UGT Capacity	
	For Domestic Use (24 hrs storage)	280 KL
	For Fire Fighting	200 KL
	For Water Curtain	100 KL
	Total UGT Capacity	580 KL



project

PROPOSED IT-1A, IT-SEZ, ON PLOT NO. TZ-6, GREATER NOIDA

title

LAYOUT PLAN

drawing released for

- SUBMISSION
- APPROVAL
- ADVANCE COPY

drg. no. IT-1A / 23B01 / ES-03
scale 1 : 375
date

rawn by Prem Saini
designed by Badri Vishal

Architects :

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