



I. FLUSHING WATER REQUIREMENT.

GUEST ROOMS- 110 GUEST ROOMS X 2 PERSONS/ROOM X 50
LTS/PERSON/DAY=11,000 LTS/DAY

STAFF (FOR HOTEL)= 150 PERSONS X 20 LTS /PERSON/DAY=3,000
LPD

STAFF (SHOPS-TOTAL SHOPS 190)= 380 PERSONS X 20 LTS
/PERSON/DAY=7,600 LPD

TOTAL FLUSHING WATER REQUIREMENT/DAY = 21,600 LTS
SAY = 22,000 LTS/DAY

TOTAL GARDEN WATER REQUIREMENT/DAY = 4,000 LTS

TOTAL(DOMESTIC + FLUSHING) WATER REQUIREMENT/DAY = 1,12,000
LTS SAY 1,20,000 LPD

TOTAL(DOMESTIC + FLUSHING) WATER REQUIREMENT/DAY EXCEPT
FOR MOPPING, FILTER BACKWASH = 1,10,000 LTS/DAY

NO WATER FOR AIR CONDITIONING IS CONSIDERED.

FLOW TO STP @85% OF WATER DEMAND(EXCLUDING MOPPING, GARDEN
BACKWASH)= 93,500 LTS/DAY SAY 1,00,000
LTS/DAY

WATER SUPPLY, FILTER
LTS/DAY

CAPACITY OF STP PROPOSED = 1,20,000 LTS/DAY(120KLD)

LEGEND FOR PLUMBING	
	DOMESTIC WATER RISER PIPE
	GARDEN RINGMAIN PIPE
	GARDEN HYDRANT

SERVICE DRAWING	
PROJECT : PROPOSED COMMERCIAL COMPLEX ON PLOT No. SLC- 3/3 SECTOR ALPHA II COMMERCIAL BELT, GREATER NOIDA, U. P.	
CLIENT : VDM	
SHEET TITLE : WATER SUPPLY LAYOUT	
DATE : 15-12-25	DRG.NO : PL-SP-03
SCALE : 1:150	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	
PLUMBING & FIRE CONSULTANT DEEPAK ASSOCIATES 220, Sector-8A, Dwarka Phase-I MOB : 9810087476 e mail: deepakkhosla2002@yahoo.co.in	