PLUMBING & FIRE SERVICES LEGEND :	
	SEWER MANHOLE WITH 560Ø S.F.R.C. MANHOLE COVER.
	STORM WATER MANHOLE WITH 560Ø S.F.R.C. PERFORATED MANHOLE COVER.
	EXTERNAL SW SEWER LINE (DIA AS / DESIGN CHART)
	EXTERNAL RCC STORM WATER LINE (DIA AS / DESIGN CHART)
	MUNICIPAL WATER SUPPLY LINE
	DOMESTIC WATER SUPPLY LINE
	FLUSHING WATER SUPPLY LINE
	GARDEN IRRIGATION WATER SUPPLY LINE
	FIRE WET RISER RING MAIN PIPE FOR FHC & EFH
	SPRINKLER FIRE LINE
EFH	EXTERNAL FIRE HYDRANT
GH	GARDEN HYDRANT WITH CHAMBER (300x300) MM.
R.P.	RECHARGE PIT, 3000 MM DIA
D.C.	DESILTING CHAMBER (1000 x 2000)MM

ARCHITECT (H.Q.) S.T.P. Member Secretary B.P.C. T.C.P. (HQ) Member B.P.C. D.T.P. (HQ) Member B.P.C.

PA ATP DDT (HQ) Member BPAC

DINESH KUMAR SD (HQ)

Checked and found ok for Public Health (Internal) Services subject to comments in in forward letter from SE (HQ) Dt. 19/8/21

Additional Chief Engineer (HQ) HSVP, Panchkula

Basement Line
Zoning Line
Boundary Wall
1.5 m wide peripheral green

DRAIN

COMMUNITY + CRECHE (G+1) (Ground floor) LVL.+300 HT 9.30 M.

TOWER - A2 (G/S+14) LVL.+450 HT 43.95 M.

TOWER - A1 (G/S+14) LVL.+450 HT 43.95 M.

75 MT WIDE SECTOR ROAD

12MT SERVICE ROAD

FRL (220.450)

6 Mt. Wide motorable fire tender path

INTERNAL ROAD

RAMP FROM BASEMENT

RAMP DOWN FOR BASEMENT

AREA FOR PARKING

2500 SW SEWER PIPE. S=1:190, L=97.0M

2000 SW SEWER PIPE. S=1:140, L=107.0M

2500 SW SEWER PIPE. S=1:195, L=105.0M

2500 SW SEWER PIPE. S=1:195, L=93.0M

FRL=220.450 I.L=219.25

FRL=220.450 I.L=217.93

FRL=220.450 I.L=219.20

FRL=220.450 C.L=218.71

FRL=220.450 I.L=217.48

STP below LVL ±00 550 KL/650 KLD S.T.P

TOWER - A5 (G/S+19) LVL.+0.45 M HT 58.45 M.

TOWER - A4 (G/S+19) LVL.+0.45 M HT 58.45 M.

TOWER - A3 (G/S+19) LVL.+0.45 M HT 58.45 M.

TOWER - B1 (G+14) LVL.+450 HT 43.95 M.

FIRE CONTROL ROOM (GROUND FLOOR)

COMMERCIAL (G+1) LVL.+0.15 M HT +9.15 M.

COMMERCIAL (Ground) LVL.+0.15 M HT +4.65 M.

24 M WIDE SECTOR ROAD

REVENUE RASTA

Entry/ Exit

EXIT

A.1	TOTAL DAILY WATER DEMAND	
a)	TOTAL DOMESTIC	467100.00 LTRS
b)	TOTAL FLUSHING	211653.00 LTRS
	TOTAL (a+b)	678753.00 LTRS
c)	WATER BODIES / SWIMMING POOL	10000.00 LTRS
d)	FILTER BACKWASH	10000.00 LTRS
e)	HORTICULTURE	0.00 LTRS
	GRAND TOTAL	698,753.00 LTRS
B.1	SEWAGE FLOW	
a)	DAILY REQUIREMENT	678,753.00 LPD
b)	RATE OF FLOW TO SEWER	80%
c)	FLOW TO SEWER	543,001.40 LPD
d)	SEWAGE FLOW	543.01 KLD
	PROPOSED CAPACITY OF STP	550.00 KLD
C.1	AREA REQUIRED FOR STP APPROX	470.00 SQM.
D.1	WATER AVAILABLE FOR RECYCLING (FLUSHING & GARDENING)	481.66 KLD
E.1	SOURCE OF WATER	
a)	FRESH WATER FROM MUNICIPAL MAIN / TANKER	4,67,100.00 LTRS
b)	STP RECYCLED	481,653.44 LTRS
c)	SURPLUS STP RECYCLED WATER	2,49,900.44 LTRS
	TOTAL DAILY WATER DEMAND	698,753.00 LTRS

PROJECT TITLE

PROPOSED BUILDING PLANS OF AFFORDABLE GROUP HOSUING COLONY OVER AN AREA MEASURING 5.2625 ACRES (LICENCE NO. 38 OF 2021 DATED 19/07/2021) IN SECTOR-90, GURUGRAM BEING DEVELOPED BY JAMB PROPBUILD PVT. LTD & OTHERS IN COLLABORATION WITH MRG WORLD LLP.

OWNER's SIGNATURE

ARCHITECT's SIGNATURE

Avanika Vaidh CA/2018/91070

DRAWING TITLE

SITE PLAN
SEWER LAYOUT

ARCHITECTS

MRG DESIGN TEAM
MRG World
Vatika Tower, Golf Course Road
Gurugram

DATE	AUG 2021	DWG. NO.
SCALE	1:150	PL - 101