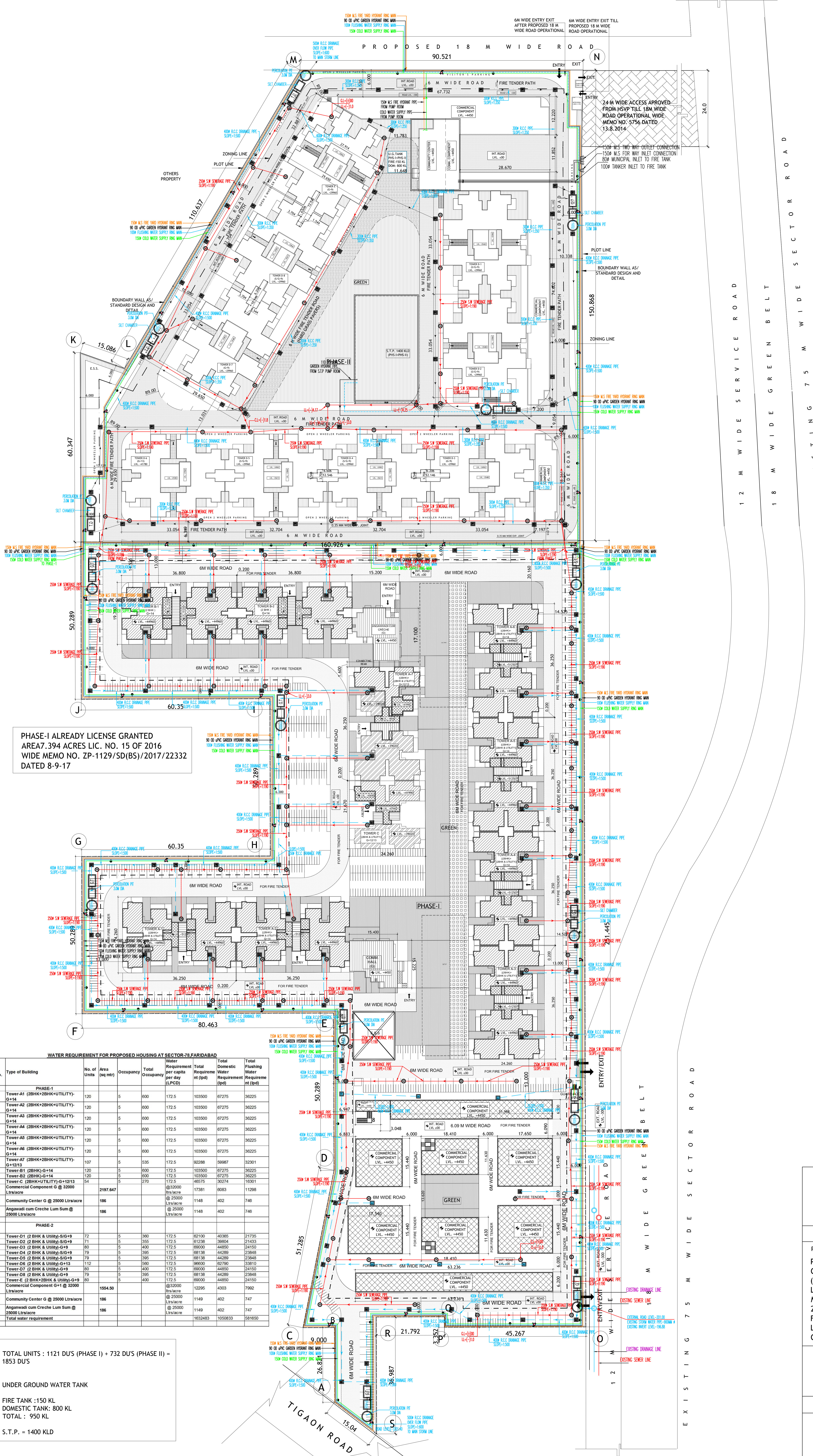


OVERHEAD HEAD WATER TANK 1/3 RD. OF TOTAL ONE DAY REQUIREMENT

S. No.	Type of Building	No. of Units	Domestic Water Tank	Flushing Water Tank	Fire Tank
PHASE-2					
1	Tower-D1 (2 BHK + Utility-S/G+9)	72	13500	7500	25000
2	Tower-D2 (2 BHK + Utility-S/G+9)	71	13500	7500	25000
3	Tower-D3 (2 BHK + Utility-G+9)	80	15000	8000	25000
4	Tower-D4 (2 BHK + Utility-S/G+9)	79	15000	8000	25000
5	Tower-D5 (2 BHK + Utility-S/G+9)	79	15000	8000	25000
6	Tower-D6 (2 BHK + Utility-G+13)	112	21000	11500	5000
7	Tower-D7 (2 BHK + Utility-G+9)	80	15000	8000	25000
8	Tower-D8 (2 BHK + Utility-G+9)	79	15000	8000	25000
9	Tower-E (2 BHK+2BHK + Utility-G+9)	80	15000	8000	25000
10	Commercial Component G+1 @ 32000 Ltrs/acre		1500	3000	10000
11	Community Center G @ 25000 Ltrs/acre		1000	1000	5000
12	Anganwadi cum Creche Lum Sum @ 25000 Ltrs/acre		1000	1000	0



PHASE-I ALREADY LICENSE GRANTED AREA 7.394 ACRES LIC. NO. 15 OF 2016 WIDE MEMO NO. ZP-1129/SD(BS)/2017/22332 DATED 8-9-17

WATER REQUIREMENT FOR PROPOSED HOUSING AT SECTOR-78, FARIDABAD

S. No.	Type of Building	No. of Units	Area (sq. m)	Occupancy	Total Occupancy	Water Requirement per capita per day (LPCD)	Total Domestic Water Requirement (m³/d)	Total Flushing Water Requirement (m³/d)	Total Fire Water Requirement (m³/d)
PHASE-1									
1	Tower-A1 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
2	Tower-A2 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
3	Tower-A3 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
4	Tower-A4 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
5	Tower-A5 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
6	Tower-A6 (2BHK+2BHK+UTILITY)-G+14	120	172.5	5	600	172.5	103500	67275	36225
7	Tower-B1 (2BHK)-G+14	120	172.5	5	600	172.5	103500	67275	36225
8	Tower-B2 (2BHK)-G+14	120	172.5	5	600	172.5	103500	67275	36225
9	Tower-C (2BHK+2BHK+UTILITY)-G+13+13	54	54	5	270	172.5	46575	30714	16301
11	Commercial Component G @ 32000 Ltrs/acre	2197.647			@32000		17381	6083	11298
12	Community Center G @ 25000 Ltrs/acre	186			@ 25000		1148	402	740
13	Anganwadi cum Creche Lum Sum @ 25000 Ltrs/acre	186			@ 25000		1148	402	740
PHASE-2									
1	Tower-D1 (2 BHK + Utility-S/G+9)	72	360	5	360	172.5	62100	40365	21735
2	Tower-D2 (2 BHK + Utility-S/G+9)	71	355	5	355	172.5	61238	39804	21433
3	Tower-D3 (2 BHK + Utility-G+9)	80	400	5	400	172.5	69000	44550	24150
4	Tower-D4 (2 BHK + Utility-S/G+9)	79	395	5	395	172.5	68138	44280	23848
5	Tower-D5 (2 BHK + Utility-S/G+9)	79	395	5	395	172.5	68138	44280	23848
6	Tower-D6 (2 BHK + Utility-G+13)	112	560	5	560	172.5	96600	62700	33810
7	Tower-D7 (2 BHK + Utility-G+9)	80	400	5	400	172.5	69000	44550	24150
8	Tower-D8 (2 BHK + Utility-G+9)	79	395	5	395	172.5	68138	44280	23848
9	Tower-E (2 BHK+2BHK + Utility-G+9)	80	400	5	400	172.5	69000	44550	24150
10	Commercial Component G+1 @ 32000 Ltrs/acre	1554.90			@32000		12295	4303	7692
11	Community Center G @ 25000 Ltrs/acre	186			@ 25000		1148	402	747
12	Anganwadi cum Creche Lum Sum @ 25000 Ltrs/acre	186			@ 25000		1148	402	747
Total water requirement							1632483	1050633	581850

TOTAL UNITS : 1121 DU'S (PHASE I) + 732 DU'S (PHASE II) = 1853 DU'S

UNDER GROUND WATER TANK

FIRE TANK : 150 KL

DOMESTIC TANK: 800 KL

TOTAL : 950 KL

S.T.P. = 1400 KLD

LEGEND

M.H.	MANHOLE FOR SEWER
DMH	DRAINAGE MANHOLE
—	SEWERAGE PIPE (200# /250# SWP)
—	DRAINAGE PIPE (400mm# R.C.C. PIPE)
—	MUNICIPAL COLD WATER SUPPLY LINE(G.I. PIPE)
—	COLD WATER SUPPLY LINE(G.I. PIPE)
—	FLUSHING WATER SUPPLY LINE(G.I. PIPE)
—	IRRIGATION LINE
—	150# MS FIRE RING MAIN
F.B.C	FIRE BRIGADE CONNECTION
Y.H	YARD HYDRANT
G.H	GARDEN HYDRANT
⊗	BALL VALVE / BUTTER FLY VALVE
↺	NO-RETURN VALVE

ARCHITECT'S SIGNATURE _____ OWNER'S SIGNATURE _____

CONSCIENT INFRASTRUCTURE PVT. LTD.

PROJECT TITLE
PROPOSED BUILDING PLAN OF AFFORDABLE GROUP HOUSING COLONY FOR ADDITIONAL AREA MEASURING 5.08125 ACRES (LICENSE NO. 63 OF 2019 DATED 05/06/2019) IN ALREADY LICENSE GRANTED AFFORDABLE GROUP HOUSING COLONY MEASURING 7.394 ACRES (LICENSE NO. 15 OF 2016 DATED 26.09.2016) TOTAL AREA 12.47525 ACRES IN SECTOR-78, FARIDABAD BEING DEVELOPED BY URBAN BUILD MART PVT. LTD, BCC EDUTECH PVT. LTD. IN COLLABORATION WITH CONSCIENT INFRASTRUCTURE PVT. LTD.

DRAWING TITLE (SUBMISSION DRAWING) _____ DRG. NO. _____

SERVICE LAYOUT PLAN _____ 03

SCALE - 1:450 _____ DATE - JUNE 2019 _____

R.K. & ASSOCIATES
Architects, Engineers & Planners
E-31, GREEN PARK MAIN, NEW DELHI - 110016, INDIA
Tel.: 2696-3158, 2651-6751, 2656-7357
Fax: (011) 2696-2540 E-mail: rka.architects@gmail.com