

OVER HEAD SERVICE RESERVOIR
CAPACITY : 450 KLD.
STAGING HEIGHT : 18 METER

SEWAGE TREATMENT PLANT
CAPACITY : 700 KLD.
REQUIRED AREA = 425 SQ MT

Area Detail (in sq.mt.)			
Particulars	in sq.mt.	in Acres	in Hac.
Total Scheme Area (A)	97632.22	24.12	9.76
Not in proposal (Government Land)	1628.61	0.4	0.16
Road widening	1702.26	0.42	0.17
Sub Total (B)	3330.87	0.82	0.33
Net Plot Area (A-B)	94301.35	23.3	9.43
Landuse	Area	%age	
Green	14690.50	15.58	
Plotted	48331.38	51.25	
Group Housing	2408.23	2.55	56.35
comm	2407.7	2.55	
ews lig	2487.57	2.64	
school	551.8	0.59	
Garbage Collection	138.29	0.15	
Road	23285.88	24.69	
Total	94301.35	100.00	

Density Calculation			
Type	No. of Plots		
Sector-A	51		
Sector-B	142		
Sector-C	91		
Sector-D	50		
No. of Plots	334		
Group Housing@250 unit /hac			60
Total units			394
Provision of E.W.S./ L.I.G @ 20% of total Units			
Type	Required	Provided	%age
E.W.S Units	49	49	10
L.I.G Units	49	49	10
No. of Units (B)		98	20
Total			492
Units and Population			
		Unit	Population
Plotted Development		870	4350
EWS/LIG		98	490
Group Housing		60	300
Total Units		1028	5140

Drg. No. KA.EN.TP/- ES-01

KAILASHA ENCLAVE TOWNSHIP

LEGEND : (WATER SUPPLY SYSTEM)

S. No.	SYMBOL	DESCRIPTION
1.		DISTRIBUTION WATER LINE (PVC OR HDPE)
2.		RECYCLE WATER LINE
3.		TRUNK WATER LINE
4.		ISOLATING VALVE
5.		MASONRY CHAMBER FOR ISOLATING VALVE
6.		FORMATION LEVEL (FINISHED ROAD LEVEL)
7.		AIR RELEASE VALVE
8.		GARDEN HYDRANT (25 Ø)
9.		PROPOSED TUBEWELL

NOTES : (WATER SUPPLY SYSTEM)

- THE DEPTH OF WATER SUPPLY MAIN SHALL BE
 - DOMESTIC WATER SUPPLY PIPE LINE - 1050 MM
 - RECYCLED WATER SUPPLY PIPE LINE - 900 MM
 - RISING MAIN WATER LINE - 1200 MM (SUGGESTED)
- THE MATERIAL OF WATER SUPPLY LINE SHALL BE
 - 900 / 1100 PIPE - HDPE PVC (PE100PN6) RIGID PVC (6 kg/cm) OR
- LOCATION OF MAIN WATER SUPPLY LINE SHALL BE ON THE OPPOSITE SIDE OF MAIN SEWER LINE.
- C.I. DOUBLE FLANGED AS PER IS-1536 SHALL BE PROVIDED FOR ALL INLET & OUTLETS OF OVER HEAD TANKS.

CLIENT
GAYATRI DEVELOPERS, BHUDEV
PROPCON LLP,

PROJECT
PROPOSED KAILASHA ENCLAVE
TOWNSHIP AT SULTANPUR ROAD,
LUCKNOW

DRG. TITLE
LAYOUT PLAN

DATE
17 Aug-2021

SCALE
1:1000

NORTH

☐ SUBMISSION ☐ INFORMATION

☐ APPROVAL ☒ CONSTRUCTION

DRG. TITLE
LAYOUT PLAN
EXTERNAL WATER SUPPLY SYSTEM

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