

12 M WIDE SERVICE ROAD

75.0 M WIDE SECTOR ROAD

12 M WIDE SERVICE ROAD

PLOT LINE

SETBACK LINE

SETBACK LINE

SETBACK LINE

PLOT LINE

SETBACK LINE

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PLOT LINE

SETBACK LINE

HYDRAULIC SEWER DESIGN SHEET

S.No.	Line No.	Length (m)	Pipe Size
1	S-01	5.00	57
2	S-02	5.00	12
3	S-03	5.00	107
4	S-04	5.00	200.00

PROJECT - COMMERCIAL COLONY SEC 95A
TITLE - STORM WATER DRAINAGE - HYDRAULIC DESIGN CHART

S.No.	Line No.	Length (m)	Pipe dia (mm)
1	R-01	130	400
2	R-02	12	400
3	R-03	58	400
4	R-04	3	400
5	R-05	3	400

PROJECT - COMMERCIAL COLONY SEC 95A
TITLE - DOMESTIC WATER SUPPLY - HYDRAULIC DESIGN CHART FOR RING LINES

S.No.	Line No.	Length (m)	Pipe Dia (mm)
1	D-01	10	100
2	D-02	13	100
3	D-03	37	100
4	D-04	107	100
5	D-05	12	100
6	D-06	136	100
7	D-07	12	100

PROJECT - COMMERCIAL COLONY SEC 95A
TITLE - FLUSHING WATER SUPPLY - HYDRAULIC DESIGN CHART FOR RING LINES

S.No.	Line No.	Length (m)	Pipe Dia (mm)
1	F-01	4	80
2	F-02	36	80
3	F-03	104	80
4	F-04	107	80
5	F-05	13	80
6	F-06	62	80

Land detail

Total area of site	4.00 acres
Area of 75 mtr. wide Sector road	0.81 acre
Balance area of site	3.19 acres (A)
10% of the site area	0.40 acre (B)
Total (A+B)	3.59 acres
Net Planned Area of site	3.79 acres (15337.562 sqm.)

PLUMBING LEGEND:

- STORM MANHOLE (9100 & ABOVE)
- ST-Storm Water Line (RCC NP2)
- 1500 RAIN WATER PIPE (FROM PLOT)
- RAIN WATER HARVESTING PIT

PLUMBING LEGEND:

- SEWER MANHOLE (9100 & ABOVE)
- SW-SEWER LINE (DWC SNO)
- 1500 SOIL & WASTE WATER PIPE (FROM PLOT)

SEWER MANHOLE SIZE :-

DIA OF MH	DEPTH OF MH
910mm Dia	900 TO 1650
1220mm Dia	1650 TO 2300
1520mm Dia	2300 & ABOVE

WATER SUPPLY LEGEND:

- VALVE
- DWS-DOMESTIC WATER SUPPLY (Ductile Iron K9)
- FWS-FLUSHING WATER SUPPLY (HDPE)
- R.C.C HUMID PIPE FOR ROAD CORISING
- GARDEN HYDRANT
- FIRE HYDRANT

This is a "PROVISIONAL APPROVED LAYOUT PLAN"
Only for Purpose of Infilling
Objection from the general public

Area Detail

Description	Factor	Acres	Sq. Mts.
NET PLANNED AREA	35%	3.79	15337.562
Permissible Ground Coverage	150		23006.343
Permissible FAR		34.97	5363.540
Proposed Ground Coverage		149.66	22988.131
Proposed FAR			
Ratio of FAR Distribution on 1 Sq.Mtr. of Ground Coverage			

SUMMARY SHEET FOR ALL SCO'S

Sn.No.	SCO Type	Area	No. of SCO's	Total Area
1	SCO Type A	5.5 x 20	8	880.000
2	SCO Type B	6 x 20	2	600.000
3	SCO Type C	5.5 x 18	28	2772.000
4	SCO Type D	6 x 18	5	540.000
5	SCO Type E	Irregular	1	90.750
6	SCO Type F	Irregular	1	91.960
7	SCO Type G	Irregular	1	87.250
8	SCO Type H	Irregular	1	82.510
9	SCO Type I	Irregular	1	77.790
10	SCO Type J	Irregular	1	73.030
11	SCO Type K	Irregular	1	62.250
Grand Total				34.97

Block Summary			
Block Name	SCO No.	Nos. of SCO	Proposed Ground Coverage (in Sq.Mts.)
Block-1	01 to 08	8	880.000
	09 to 13	5	600.000
Block-2	14 to 25	12	1188.000
	26 to 30	5	540.000
Block-3	31 to 45	16	1284.000
	47	1	96.750
	48	1	91.260
	49	1	87.210
	50	1	82.516
	51	1	77.780
	52	1	72.036
	53	1	67.292
Total Factor		53	5363.840
			34.97
			0.00