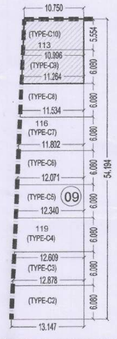
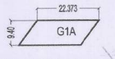
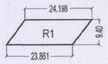
S.U.D



PLOT C2 TO C10 DETAIL



AREA DIAGRAM UNDER
18M WIDE GREEN BELT



AREA DIAGRAM UNDER
45M WIDE ROAD

AREA DIAGRAM UNDER
12M WIDE SERVICE ROAD

OPEN/GREEN AREA DIAGRAM

TYPE-C1A
6.080 X 16.500 M
PLOT NO. - 141

TYPE-D1
7.42 X15.50+12.572 M
PLOT NO. - 87

TYPE-B2
7.00 X 18.00 M
PLOT NO. - 172

TYPE-B1
5.294+7.705 X 18.00 M
PLOT NO. - 148

TYPE-A1
7.5 X 20.00 M
PLOT NO. - 31

OPEN/GREEN AREA DETAIL					
ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
G1	1	0.5	12.674	12.572	79.669
G2	1	0.5	10.261	7.574	38.858
G3	1	(7.574+6.309)/2		6.571	45.613
G4	1	(2.194+15.481)/2		18.000	159.075
G5	1	(16.460+3.173)/2		18.000	176.697
G6	1	(17.113+3.826)/2		18.000	188.451
G7	1	0.5	11.093	15.027	83.347
G8	1	(60.566+48.035)/2		16.976	921.805
G9	1	0.5	48.035	22.952	551.250
G10	1	(16.172+7.471)/2		11.787	139.340
G11	1	(13.727+1.547)/2		16.500	126.011
G12	1	0.5	17.983	8.592	77.255
G13	1	(35.196+18.793)/2		22.221	599.845
G14	1	0.5	18.793	10.609	99.687
G15	2	1	20.000	3.000	120.000
TOTAL OPEN/ GREEN AREA					3,406.903

FREEZED PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA	NO. OF PLOTS	TOTAL AREA UNDER PLOTS
A	7.500	20.000	150.000	17	2,550.000
A1	(AS PER PLINE)		146.290	1	146.290
B	6.970	18.000	125.460	51	6,398.460
B1	(AS PER PLINE)		114.570	1	114.570
C	6.150	16.500	101.475	3	304.425
C1	6.080	16.500	100.320	8	802.560
C1A	(AS PER PLINE)		98.796	1	98.796
C9	(11.264+10.996)/2 X 6.08		67.670	1	67.670
C10	(10.75+10.996)/2 X 5.554		60.389	1	60.389
D	5.640	15.500	87.420	13	1,136.460
	TOTAL AREA FREEZED			97	11,679.620
				In acre	2.88610

Total area of land	10.813	43757.947
Area 45mt. under green belt,service road/sector road (1)	0.141	570.605
Area 30mt. Wide road (2)	0.475	1920.697
(A) = Net balanced area	**10.197**	**41266.645**
(B) =50% of (1)	0.0705	285.303
(C) =100% of (2)	0.475	1920.697
TOTAL A+B	10.7423	43472.644

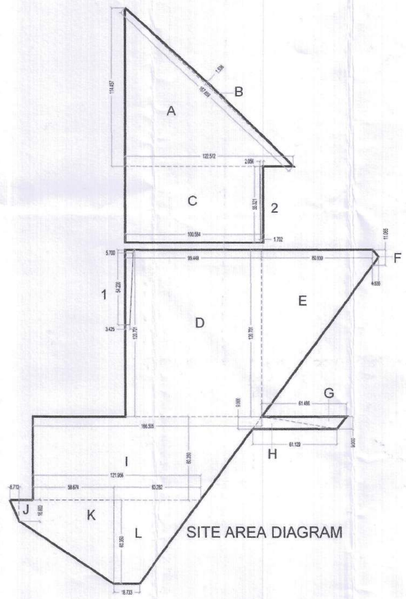
PLOTS AREA DETAIL					
TYPE	WIDTH	LENGTH	AREA	NO. OF PLOTS	TOTAL AREA UNDER PLOTS
A	7.500	20.000	150.000	30	4,500.000
A1	(AS PER PLINE)		146.290	1	146.290
B	6.970	18.000	125.460	74	9,284.040
B1	(AS PER PLINE)		114.570	1	114.570
B2	(AS PER PLINE)		124.350	1	124.350
C	6.150	16.500	101.475	13	1,319.175
C1	6.080	16.500	100.320	25	2,508.000
C1A	(AS PER PLINE)		98.796	1	98.796
C2	(13.147+12.878)/2 X 6.08		79.116	1	79.116
C3	(12.878+12.609)/2 X 6.08		77.480	1	77.480
C4	(12.878+12.609)/2 X 6.08		75.845	1	75.845
C5	(12.34+12.071)/2 X 6.08		74.209	1	74.209
C6	(12.071+11.802)/2 X 6.08		72.574	1	72.574
C7	(11.802+11.534)/2 X 6.08		70.941	1	70.941
C8	(11.534+11.264)/2 X 6.08		69.306	1	69.306
C9	(11.264+10.996)/2 X 6.08		67.670	1	67.670
C10	(10.75+10.996)/2 X 5.554		60.389	1	60.389
D	5.640	15.500	87.420	51	4,458.420
D1	(AS PER PLINE)		110.640	1	110.640
	TOTAL AREA UNDER PLOTS			207	23,311.812
				In acre	5.760

AREA UNDER GREEN BELT					
ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
G1	1	1	22.373	9.400	210.306
TOTAL AREA UNDER GREEN BELT					210.306

AREA UNDER 45M WIDE ROAD					
ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
R1	1	(24.198+23.861)/2		9.400	225.879
TOTAL AREA UNDER 45.0M WIDE ROAD					225.879

AREA UNDER 12M WIDE SERVICE ROAD					
ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
R2	1	1	14.300	9.400	134.420
TOTAL AREA UNDER 12M WIDE SERVICE ROAD					134.420

SITE AREA					
ADDITIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
A	1	0.5	122.512	114.457	7,011.178
B	1	0.5	167.659	1.538	128.930
C	1	1	100.584	55.321	5,564.407
D	1	1	99.449	120.701	12,003.594
E	1	(120.701+11.065)/2		80.930	5,331.911
F	1	0.5	4.535	11.065	25.090
G	1	0.5	61.486	9.000	276.687
H	1	0.5	61.129	9.000	275.081
I	1	(166.505+121.956)/2		60.350	8,704.311
J	1	0.5	6.712	16.600	55.710
K	1	(16.60+60.35)/2		58.674	2,257.482
L	1	(63.282+18.733)/2		60.350	2,474.803
TOTAL ADDITIONS					44,109.183
SUBTRACTIONS					
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA
1	1	(5.700+3.425)/2		54.200	247.288
2	1	(2.056+1.702)/2		55.321	103.948
TOTAL SUBTRACTIONS					351.236
TOTAL SITE AREA (in sq.mt.)					43,757.947
TOTAL SITE AREA (in Acres)					10.813



STORM LEGENDS:-		
S.NO.	SYMBOL	DESCRIPTION
1.		STORM MANHOLE
2.		STORM MANHOLE 800x900 MM
3.		CATCH BASIN 450 x 450 MM
4.		STORM RCC PIPE
5.	r.l.	ROAD LEVEL
6.	i.l.	INVERT LEVEL
7.	c.l.	CONNECTION LEVEL
8.	RWH	RAIN WATER HARVESTING PIT
9.	DC	DE-SILTING CHAMBER

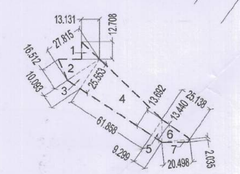
NOTES :

1. THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
   a) UPTO 750 M.M. DEPTH 800x900 M.M. REC. MANHOLE.
   b) 900 TO 1650 M.M. DEPTH 900 M.M. DIA.
   c) 1650 TO 2300 M.M. DEPTH 1200 M.M. DIA.
   d) ABOVE 2300 M.M. DEPTH 1500 M.M. DIA.
2. RUNGS SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 M.M.
3. THE LEVELS OF SEWER / STORM LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVEL AND FOR CERTAIN PIPE LENGTHS BETWEEN TWO MANHOLES. THE INVERT LEVELS HAS TO BE STRICTLY FOLLOWED, HOWEVER, THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
4. FOR ANY DISCREPANCY / COMMISSION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
5. MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES :-
   a) AT THE START OF EACH SEWER LINE.
   b) AT EVERY JUNCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGHMENT.
   c) AT NOT MORE THAN 30 METER INTERVAL IN STRAIGHT LENGTH.
6. WHERE THE DIAMETER OF PIPE IS INCREASED THE CROWN OF THE PIPE SHALL BE FIXED AT THE SAME LEVEL AND NECESSARY SLOPE SHALL BE GIVEN IN THE INVERT OF THE MANHOLE CHAMBER.
7. THE STRUCTURAL DESIGN OF MANHOLES / PIPE BEDDING HAS TO BE DONE FOR LOCAL FIELD CONDITIONS SUCH AS FILLED UP SOIL / BLACK COTTON SOIL / HIGH SUB SOIL CONDITIONS.
8. THIS DRAWING SHALL BE READ ALONG WITH THE GROUND FLOOR PLAN OF RESPECTIVE BUILDING FOR EXACT LOCATION OF APPURTENANCES / MAN HOLES ETC.
9. SEWER / STORM LINE UNDER THE ROAD SHALL BE ENCASED AS MENTIONED IN BOQ.
10. MANHOLE COVER SHOULD BE FINISHED WITH FINISHED FORMATION LEVEL AS PER LANDSCAPE DRAWING.
11. WHEREVER ANY CONFLICT IN LEVELS BETWEEN DESIGN SHEET AND NoES / MANHOLE TAG WRITTEN ON DRAWINGS, THEN DESIGN SHEETS LINE & LEVELS SHALL BE CONSIDERED FOR EXECUTION.

LEGEND:-

- COMMERCIAL
- LAND TO BE TRAN GOVT.
- SERVICES
- OPEN/GREEN
- 50% PLOTS FREE AS

HYDRAULIC DESIGN CHART FOR STORM									
Node		Diameter	Slope (1 in N)	Length of Pipe	Levels at Start		Levels at End		Depth
From	To	mm	1:n	mtrs.	RL	IL	RL	IL	mtrs
1a	1	200	200	10.2	0.00	-0.45	0.00	-0.50	0.45
1	2	400	600	21.4	0.00	-0.90	0.00	-0.94	0.90
2a	2	400	600	36.9	0.00	-0.70	0.00	-0.76	0.70
2	3	400	600	45.0	0.00	-0.94	0.00	-1.01	0.94
3a	3c	400	600	34.0	0.00	-0.70	0.00	-0.76	0.70
3b	3c	200	200	7.5	0.00	-0.45	0.00	-0.49	0.45
3c	3	400	600	5.3	0.00	-0.76	0.00	-0.77	0.76
3	4	400	600	8.9	0.00	-1.01	0.00	-1.03	1.01
4a	4	400	600	15.2	0.00	-1.00	0.00	-1.03	1.00
4	8	400	600	48.7	0.00	-1.03	0.00	-1.11	1.03
5a	5	400	600	5.6	0.00	-0.70	0.00	-0.71	0.70
5	6	400	600	21.4	0.00	-0.90	0.00	-0.94	0.90
6a	6	400	600	31.8	0.00	-0.70	0.00	-0.75	0.70
6	7	400	600	50.0	0.00	-0.94	0.00	-1.02	0.94
7a	7c	400	600	34.9	0.00	-0.70	0.00	-0.76	0.70
7b	7c	200	200	25.7	0.00	-0.45	0.00	-0.58	0.45
7c	7	400	600	4.6	0.00	-0.76	0.00	-0.77	0.76
7	8	400	600	7.9	0.00	-1.02	0.00	-1.03	1.02
8a	8	200	200	5.7	0.00	-0.45	0.00	-0.48	0.45
8	9	400	600	41.6	0.00	-1.11	0.00	-1.18	1.11
9	10	400	600	49.6	0.00	-1.18	0.00	-1.26	1.18
10a	10	400	600	47.0	0.00	-0.70	0.00	-0.78	0.70
10	11	400	600	63.9	0.00	-1.26	0.00	-1.37	1.26
11a	11	400	600	58.0	0.00	-0.70	0.00	-0.80	0.70
11	14	400	600	9.2	0.00	-1.37	0.00	-1.38	1.37
12	13	400	600	14.4	0.00	-0.90	0.00	-0.92	0.90
13a	13	200	200	17.7	0.00	-0.45	0.00	-0.54	0.45
13	14	400	600	15.6	0.00	-0.92	0.00	-0.95	0.92
14	15	400	600	15.0	0.00	-1.38	0.00	-1.41	1.38
15a	15	200	200	15.7	0.00	-0.45	0.00	-0.53	0.45
15	27	400	600	31.4	0.00	-1.41	0.00	-1.46	1.41
16a	16	400	600	21	0.0	-0.70	0.00	-0.73	0.70
16	17	400	600	11.5	0.0	-0.73	0.00	-0.75	0.73
17a	17	400	600	34.7	0.00	-0.70	0.00	-0.76	0.70
17	18	400	600	20.5	0.00	-0.76	0.00	-0.79	0.76
18a	18	400	600	18.5	0.00	-0.90	0.00	-0.93	0.90
18	21	400	600	12.3	0.00	-0.93	0.00	-0.95	0.93
19a	19	400	600	11.8	0.00	-0.70	0.00	-0.72	0.70
19	20	400	600	24.3	0.00	-0.72	0.00	-0.76	0.72
20a	20c	200	200	30.0	0.00	-0.45	0.00	-0.60	0.45
20b	20c	200	200	10.0	0.00	-0.45	0.00	-0.50	0.45
20c	20	200	200	5.5	0.00	-0.60	0.00	-0.63	0.60
20	21	400	600	26.5	0.00	-0.76	0.00	-0.80	0.76
21	22	400	600	37.2	0.00	-0.95	0.00	-1.01	0.95
22a	22	400	600	44.7	0.00	-0.70	0.00	-0.77	0.70
22	24	400	600	37.7	0.00	-1.01	0.00	-1.08	1.01
23	24	400	600	36.5	0.00	-0.90	0.00	-0.96	0.90
24	25	400	600	7.7	0.00	-1.08	0.00	-1.09	1.08
25a	25	200	200	29.2	0.00	-0.45	0.00	-0.60	0.45
25	26	400	600	27.9	0.00	-1.09	0.00	-1.14	1.09
26a	26b	400	600	35.9	0.00	-0.45	0.00	-0.51	0.45
26b	26	400	600	33	0.00	-0.70	0.00	-0.76	0.70
26	27	400	600	55.3	0.00	-1.14	0.00	-1.23	1.14
27a	27c	400	600	37.0	0.00	-0.70	0.00	-0.76	0.70
27b	27c	200	200	23.0	0.00	-0.45	0.00	-0.57	0.45
27c	27	400	600	6.9	0.00	-0.76	0.00	-0.77	0.76
27	28	400	600	28.2	0.00	-1.46	0.00	-1.50	1.46
28a	28	200	200	25.5	0.00	-0.45	0.00	-0.58	0.45
28	32	400	600	27.3	0.00	-1.50	0.00	-1.55	1.50
29	30	400	600	20.5	0.00	-1.00	0.00	-1.03	1.00
30a	30	400	600	25.1	0.00	-0.70	0.00	-0.74	0.70
30	31	400	600	60.0	0.00	-1.03	0.00	-1.13	1.03
31a	31	400	600	48.4	0.00	-0.70	0.00	-0.78	0.70
31	32	400	600	18.0	0.00	-1.13	0.00	-1.16	1.13
32a	32c	200	200	20.0	0.00	-0.45	0.00	-0.55	0.45
32b	32c	200	200	10.0	0.00	-0.45	0.00	-0.50	0.45
32c	32	200	200	5.8	0.00	-0.55	0.00	-0.58	0.55
32	33	400	600	20.0	0.00	-1.55	0.00	-1.58	1.55
33	Outfall	400	600	5.0	0.00	-1.58	0.00	-1.59	1.58



AREA DIAGRAM UNDER
30M WIDE ROAD

AREA UNDER 30M WIDE SERVICE ROAD						
ADDITIONS						
S.N.O.	NO.	PREFIX	LENGTH 1	BREATH	AREA	
1	1	0.5	13.131	12.708	83.434	
2	1	0.5	27.815	16.512	229.641	
3	1	0.5	27.815	10.093	140.368	
4	1	(25.553+13.692)/2		61.858	1,213.809	
5	1	0.5	13.692	9.299	63.661	
6	1	0.5	25.138	13.440	168.927	
7	1	0.5	20.498	2.035	20.857	
TOTAL AREA UNDER 30M WIDE ROAD					1,920.697	

	PERMISSIBLE			PROPOSED		
	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %	AREA ACRES	AREA SQ.MTS.	PERCENTAGE %
Required Open space Area (7.5%)	0.811	3281.846	7.5	0.842	3406.903	7.79
10% area to be transferred free of cost to the govt.	1.081	4375.795	10	1.101	4455.470	10.18
Permissible commercial area	0.4297	1738.906	4	0.42969	1738.900	3.99
Area Under Plots	6.5528	26518.313	61	5.760	23311.812	53.62
Total permissible area	6.9825	28257.219	65	6.192	25050.712	57.25
Permissible Density	240-400 ppa			341.83		
Achieved Density	341.83	ppa				

Checked subject to comments in forwarding letter No. ...1141777 Dt. ...28/06/2021.....and notes attached with the estimate

Additional Chief Engineer (HQ) for Chief Engineer, HSVP Panchkula 28/6/2021

Director Town & Country Planning Haryana, Chandigarh

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

DRG N. DTCP 7762 DATED 03-05-2021

(RAM AVTAR BASSI) AD (HQ) | (PANKAJ BENIWAL) ATP (HQ) | (LALIT KUMAR) DTP (HQ) | (HITESH SHARMA) STP (HQ) | (JITENDER SHAG) CTP (HR) | (K.MAKRAND PANDURANG, IAS) DTCP (HR)

STORM WATER NETWORK PLAN

REVISED LAYOUT CUM DEMARCATION PLAN FOR AFFORDABLE PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA-2016 OVER AN AREA MEASURING 10.813 ACRES IN THE REVENUE ESTATE OF VILLAGE JANAULA, SECTOR-1, PATAUDI, DISTT. GURUGRAM-.

OWNER:-
SUNSAT EDUCATIONAL ACADEMY PVT.LTD.

VIKAS AHLAWAT ARCHITECTS
ARCHITECTURE , INTERIORS , PLANNING
Unit No.303,Ninex Time Center, Sancity Sector.-54,Golf Course Road,Gurgaon
O :- 0124-4284263 M:- 9-8859158486 Mail :- ar.vikas.ahlawat@gmail.com

OWNERS SIGNATURE:- SUNSAT EDUCATION ACADEMY PVT. LTD. DIRECTOR

ARCHITECT SIGNATURE:- Ar. VIKAS AHLAWAT CA/2013/59929

DRAWING TITLE: REVISED LAYOUT CUM DEMARCATION PLAN

DATE:- JAN.2021 | SCALE:- 1:850 (A1) | NORTH | SHEET NO. 01

For Service Plan Estimate Only
Executive Engineer HSVP Divn. No. VI, Gurugram
Ar. VIKAS AHLAWAT CA/2013/59929
Superintending Engineer, HSVP Circle-II, Gurugram
M/s Engineering Consultants Private Limited 608, Mahabuba Building, 55, Nehru Place, New Delhi-19
Addl. Chief Engineer HSVP, Gurugram

SUNSAT EDUCATION ACADEMY PVT. LTD.
DIRECTOR