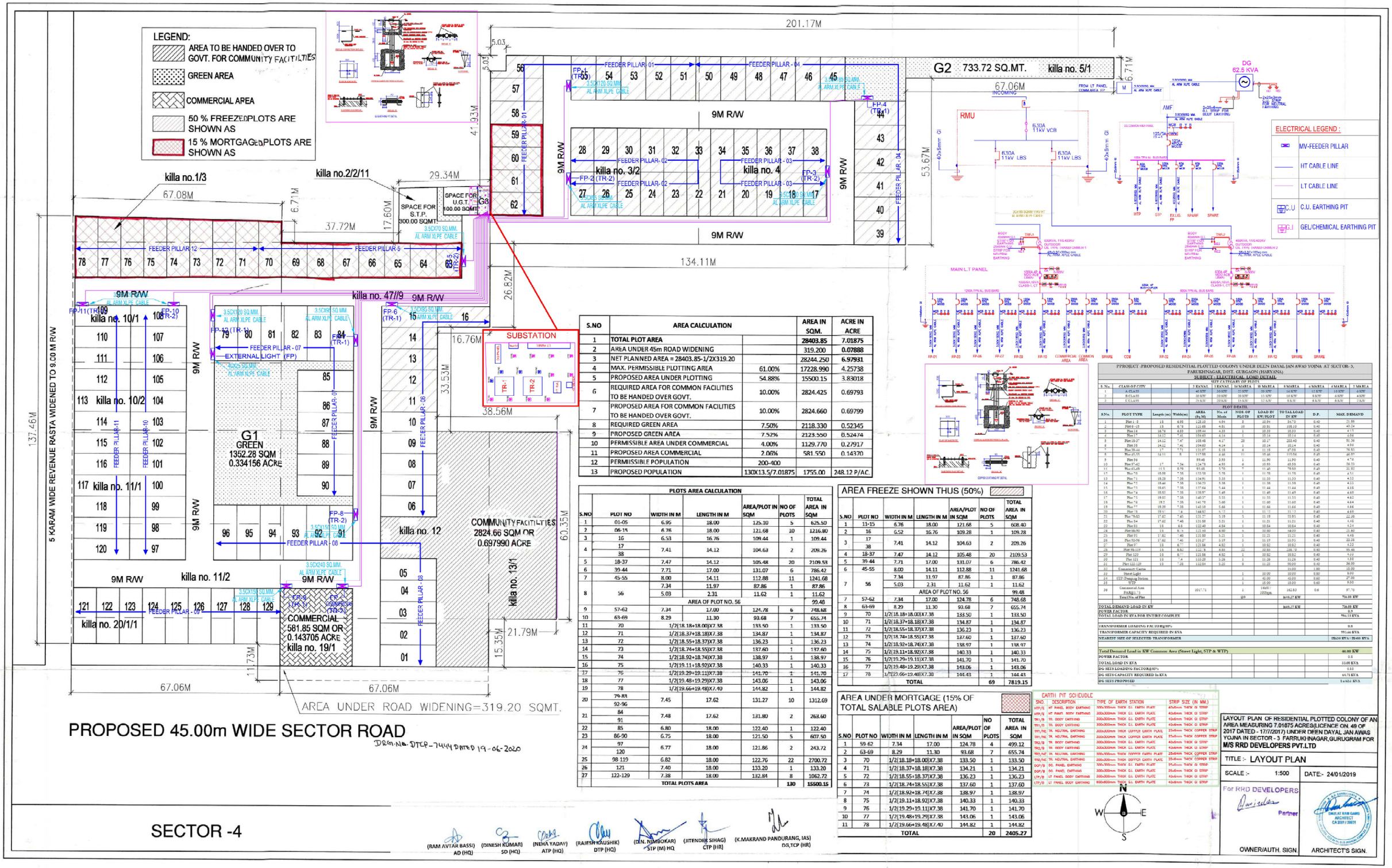

S.NO	AREA CALCULATION		AREA IN SQM.	ACRE IN ACRE
1	TOTAL PLOT AREA		28403.85	7.01875
2	AREA UNDER 45m ROAD WIDENING		319.200	0.07888
3	NET PLANNED AREA = 28403.85-1/2X319.20		28244.250	6.97931
4	MAX. PERMISSIBLE PLOTTING AREA	61.00%	17228.990	4.25738
5	PROPOSED AREA UNDER PLOTTING	54.88%	15500.15	3.83018
6	REQUIRED AREA FOR COMMON FACILITIES TO BE HANDED OVER GOVT.	10.00%	2824.425	0.69793
7	PROPOSED AREA FOR COMMON FACILITIES TO BE HANDED OVER GOVT.	10.00%	2824.660	0.69799
8	REQUIRED GREEN AREA	7.50%	2118.330	0.52345
9	PROPOSED GREEN AREA	7.52%	2123.550	0.52474
10	PERMISSIBLE AREA UNDER COMMERCIAL	4.00%	1129.770	0.27917
11	PROPOSED AREA COMMERCIAL	2.06%	581.550	0.14370
12	PERMISSIBLE POPULATION	200-400		
13	PROPOSED POPULATION	130X13.5/7.01875	1755.00	248.12 P/AC.

PLOTS AREA CALCULATION

S.NO	PLOT NO	WIDTH IN M	LENGTH IN M	AREA/PLOT IN SQM	NO OF PLOTS	TOTAL AREA IN SQM
1	01-05	6.95	18.00	125.10	5	625.50
2	06-15	6.76	18.00	121.68	10	1216.80
3	16	6.53	16.76	109.44	1	109.44
4	17 38	7.41	14.12	104.63	2	209.26
5	18-37	7.47	14.12	105.48	20	2109.53
6	39-44	7.71	17.00	131.07	6	786.42
7	45-55	8.00	14.11	112.88	11	1241.68
8	56	7.34	11.97	87.86	1	87.86
		5.03	2.31	11.62	1	11.62
		AREA OF PLOT NO. 56				99.48
9	57-62	7.34	17.00	124.78	6	748.68
10	63-69	8.29	11.30	93.68	7	655.74
11	70	1/2(18.18+18.00)X7.38		133.50	1	133.50
12	71	1/2(18.37+18.18)X7.38		134.87	1	134.87
13	72	1/2(18.55+18.37)X7.38		136.23	1	136.23
14	73	1/2(18.74+18.55)X7.38		137.60	1	137.60
15	74	1/2(18.92+18.74)X7.38		138.97	1	138.97
16	75	1/2(19.11+18.92)X7.38		140.33	1	140.33
17	76	1/2(19.29+19.11)X7.38		141.70	1	141.70
18	77	1/2(19.48+19.29)X7.38		143.06	1	143.06
19	78	1/2(19.66+19.48)X7.40		144.82	1	144.82
20	79-88 92-96	7.45	17.62	131.27	10	1312.69
21	84 91	7.48	17.62	131.80	2	263.60
22	85	6.80	18.00	122.40	1	122.40
23	86-90	6.75	18.00	121.50	5	607.50
24	97 120	6.77	18.00	121.86	2	243.72
25	98-119	6.82	18.00	122.76	22	2700.72
26	121	7.40	18.00	133.20	1	1062.72
27	122-129	7.38	18.00	132.84		
	TOTAL PLOTS AREA				130	15500.15

AREA FREEZE SHOWN THUS (50%)

S.NO	PLOT NO	WIDTH IN M	LENGTH IN M	AREA/PLOT IN SQM	NO OF PLOTS	TOTAL AREA IN SQM
1	11-15	6.76	18.00	121.68	5	608.40
2	16	6.52	16.76	109.28	1	109.28
3	17 38	7.41	14.12	104.63	2	209.26
4	18-37	7.47	14.12	105.48	20	2109.53
5	39-44	7.71	17.00	131.07	6	786.42
6	45-55	8.00	14.11	112.88	11	1241.68
7	56	7.34	11.97	87.86	1	87.86
		5.03	2.31	11.62	1	11.62
		AREA OF PLOT NO. 56				99.48
8	57-62	7.34	17.00	124.78	6	748.68
9	63-69	8.29	11.30	93.68	7	655.74
10	70	1/2(18.18+18.00)X7.38		133.50	1	133.50
11	71	1/2(18.37+18.18)X7.38		134.87	1	134.87
12	72	1/2(18.55+18.37)X7.38		136.23	1	136.23
13	73	1/2(18.74+18.55)X7.38		137.60	1	137.60
14	74	1/2(18.92+18.74)X7.38		138.97	1	138.97
15	75	1/2(19.11+18.92)X7.38		140.33	1	140.33
16	76	1/2(19.29+19.11)X7.38		141.70	1	141.70
17	77	1/2(19.48+19.29)X7.38		143.06	1	143.06
18	78	1/2(19.66+19.48)X7.40		144.82	1	144.82
	TOTAL				69	7819.15

AREA UNDER MORTGAGE (15% OF TOTAL SALABLE PLOTS AREA)

S.NO	PLOT NO	WIDTH IN M	LENGTH IN M	AREA/PLOT IN SQM	NO OF PLOTS	TOTAL AREA IN SQM
1	59-62	7.34	17.00	124.78	4	499.12
2	63-69	8.29	11.30	93.68	7	655.74
3	70	1/2(18.18+18.00)X7.38		133.50	1	133.50
4	71	1/2(18.37+18.18)X7.38		134.21	1	134.21
5	72	1/2(18.55+18.37)X7.38		136.23	1	136.23
6	73	1/2(18.74+18.55)X7.38		137.60	1	137.60
7	74	1/2(18.92+18.74)X7.38		138.97	1	138.97
8	75	1/2(19.11+18.92)X7.38		140.33	1	140.33
9	76	1/2(19.29+19.11)X7.38		141.70	1	141.70
10	77	1/2(19.48+19.29)X7.38		143.06	1	143.06
11	78	1/2(19.66+19.48)X7.40		144.82	1	144.82
	TOTAL				20	2405.27

EARTH PIT SCHEUDLE

SNO.	DESCRIPTION	TYPE OF EARTH STATION	STRIP SIZE (IN MM.)
HTP/E	HT PANEL BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
HTP/B	HT PANEL BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
TR1/B	TR. BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
TR1/E	TR. BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
TR1/NE	TR. NEUTRAL EARTHING	300x300mm THICK COPPER EARTH PLATE	25x6mm THICK COPPER STRIP
TR1/NE	TR. NEUTRAL EARTHING	300x300mm THICK COPPER EARTH PLATE	25x6mm THICK COPPER STRIP
TR2/B	TR. BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
TR2/B	TR. BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
TR2/NE	TR. NEUTRAL EARTHING	300x300mm THICK COPPER EARTH PLATE	25x6mm THICK COPPER STRIP
TR2/NE	TR. NEUTRAL EARTHING	300x300mm THICK COPPER EARTH PLATE	25x6mm THICK COPPER STRIP
DGP/B	DG. PANEL EARTHING	300x300mm THICK G.I. EARTH PLATE	25x6mm THICK GI STRIP
DGP/B	DG. PANEL EARTHING	300x300mm THICK G.I. EARTH PLATE	25x6mm THICK GI STRIP
LTP/B	LT PANEL BODY EARTHING	300x300mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP
LTP/B	LT PANEL BODY EARTHING	600x600mm THICK G.I. EARTH PLATE	40x6mm THICK GI STRIP

PPROJECT :PROPOSED RESIDENTIAL PLOTTED COLONY UNDER DEEN DAYAL JAN AWAS YOJNA AT SECTOR- 3, FARUKHNAGAR, DIST. GURGAON (HARYANA)

SUBJECT : ELECTRICAL LOAD DETAIL

SIZE CATEGORY OF PLOTS

S. No.	CLASS OF CITY	3 KANAL	1 KANAL	14 MARLA	10 MARLA	8 MARLA	6 MARLA	4 MARLA	3 MARLA
1	A CLASS	40 SQM	30 SQM	25 SQM	20 SQM	16 SQM	12 SQM	10 SQM	8 SQM
2	B CLASS	30 SQM	20 SQM	20 SQM	15 SQM	10 SQM	8 SQM	6 SQM	4 SQM
3	C CLASS	25 SQM	20 SQM	15 SQM	12 SQM	8 SQM	6 SQM	6 SQM	3 SQM

PLOT DEATIL

S.No.	PLOT TYPE	Length (m)	Width(m)	AREA (Sq.M)	No. of Meals	NOS. OF PLOTS	LOAD IN KW/PLOT	TO TAL LOAD IN KW	D.F.	MAX. DEMAND
1	Plot 1 - 5	18	6.95	125.10	5	5	10.01	50.05	0.40	21.88
2	Plot 6 -15	18	6.76	121.68	9.01	10	10.01	100.10	0.40	40.24
3	Plot 16	16.76	6.53	109.44	4.33	1	10.33	10.33	0.40	4.13
4	Plot 17	14.12	7.41	104.63	4.14	1	10.14	10.14	0.40	4.06
5	Plot 18-37	14.12	7.47	105.48	4.17	20	10.17	203.40	0.40	81.36
6	Plot 38	14.12	7.41	104.63	4.14	1	10.14	10.14	0.40	4.06
7	Plot 39-44	17	7.71	131.07	5.18	6	11.18	67.08	0.40	26.83
8	Plot 45-55	14.11	8	112.88	4.46	11	11.46	117.56	0.40	47.02
9	Plot 56			99.48	3.93	1	11.90	11.90	0.40	4.76
10	Plot 57-62	17	7.34	124.78	4.93	6	10.93	65.55	0.40	26.22
11	Plot 63-69	11.3	8.29	93.68	3.70	7	11.20	78.40	0.40	31.92
12	Plot 70	18.00	7.38	133.50	5.28	1	11.28	11.28	0.40	4.51
13	Plot 71	18.18	7.38	134.91	5.33	1	11.33	11.33	0.40	4.53
14	Plot 72	18.40	7.38	136.53	5.38	1	11.38	11.38	0.40	4.55
15	Plot 73	18.61	7.38	137.64	5.44	1	11.44	11.44	0.40	4.58
16	Plot 74	18.83	7.38	138.97	5.49	1	11.49	11.49	0.40	4.60
17	Plot 75	19.01	7.38	140.37	5.55	1	11.55	11.55	0.40	4.62
18	Plot 76	19.2	7.38	141.70	5.60	1	11.60	11.60	0.40	4.64
19	Plot 77	19.39	7.38	143.10	5.66	1	11.66	11.66	0.40	4.66
20	Plot 78	19.57	7.4	144.82	5.72	1	11.72	11.72	0.40	4.69
21	Plot 79-83	17.62	7.45	131.27	5.19	5	11.19	55.95	0.40	22.38
22	Plot 84	17.62	7.48	131.80	5.21	1	11.21	11.21	0.40	4.48
23	Plot 85	18	6.8	122.40	4.84	1	10.84	10.84	0.40	4.34
24	Plot 86-90	18	6.75	121.50	4.80	5	10.80	54.00	0.40	21.60
25	Plot 91	17.62	7.48	131.80	5.21	1	11.21	11.21	0.40	4.48
26	Plot 92-96	17.62	7.45	131.27	5.19	5	11.19	55.95	0.40	22.38
27	Plot 97	18	6.77	121.86	4.82	1	10.82	10.82	0.40	4.33
28	Plot 98-119	18	6.82	122.76	4.85	22	10.85	238.70	0.40	95.48
29	Plot 120	18	6.77	121.86	4.82	1	10.82	10.82	0.40	4.33
30	Plot 121	18	7.4	133.20	5.26	1	11.26	11.26	0.40	4.50
31	Plot 122-129	18	7.38	132.84	5.25	8	11.25	90.00	0.40	36.00
32	Consumer Centre						10.00	10.00	0.40	4.00
33	Street Light						8.00	8.00	0.80	6.40
34	ETP/Pumping Station						45.00	45.00	0.60	27.00
35	WTP						15.00	15.00	0.60	9.00
36	Commercial Area PARA 1.3			1017.71		1	10x85/1000sqm	182.93	0.6	97.70
	Total No. of Plot					129		1645.27 KW		736.88 KW
TOTAL DEMAND LOAD IN KW								1645.27 KW		736.88 KW
POWER FACTOR										0.9
TOTAL LOAD IN KVA FOR ENTIRE COMPLEX										956.53 KVA
TRANSFORMER LOADING FACTOR@80%										0.8
TRANSFORMER CAPACITY REQUIRED IN KVA										955.66 KVA
NEAREST SIZE OF SELECTED TRANSFORMER										1X630 KVA + 1X400 KVA

Total Demand Load in KW Common Area (Street Light, STP & WTP)	44.00 KW
POWER FACTOR	0.8
TOTAL LOAD IN KVA	55.00 KVA
DG SETS LOADING FACTOR@80%	0.85
DG SETS CAPACITY REQUIRED In KVA	64.71 KVA
DG SETS PROPOSED	1 x 62.5 KVA

LAYOUT PLAN OF RESIDENTIAL PLOTTED COLONY OF AN AREA MEASURING 7.01875 ACRES(LICENCE ON. 49 OF 2017 DATED - 17/7/2017) UNDER DEEN DAYAL JAN AWAS YOJNA IN SECTOR - 3 FARRUKHNAGAR,GURUGRAM FOR M/S RRD DEVELOPERS PVT.LTD

TITLE :- LAYOUT PLAN

SCALE :- 1:500 DATE:- 24/01/2019

For RRD DEVELOPERS

Partner

OWNER/AUTH. SIGN.

DAULAT RAM GARG ARCHITECT CA 2001 / 20021

ARCHITECT'S SIGN.

(RAM AVTAR BASSI) AD (HQ) (DINESH KUMAR) SD (HQ) (NEHA YADAV) ATP (HQ) (RAJESH KAUSHIK) DTP (HQ) (DR. NIMBOKAR) STP (M) HQ (JITENDER SIHAG) CTP (HR) (K.MAKRAND PANDURANG, IAS) DG,TCP (HR)