LEGEND		
SYMBOL	DESCRIPTION	
	DOMESTIC WATER SUPPLY LINE	AS PER APPROVED SPE FOR 164.174 ACRES
	BOREWELL LINE	
	MUNICIPAL LINE	
EFH	EXTERNAL FIRE HYDRANT	
	PROPOSED DOMESTIC WATER SUPPLY LINE	ADDITIONAL AREA (16.25 ACRES)
EFH	PROPOSED EFH	

WATER SUPPLY DOMESTIC STATEMENT FOR ZONE 1				
S.NO	NODE		LENGTH	DIA
	FROM	TO	(IN M.)	(In mm)
1	600	1	14	150
2	1	3	33	100
3	3	2	44	100
4	3	4	152	100
5	4	6	54	100
6	6	8	66	100
7	8	9	90	100
8	8	7	81	100
9	6	5	125	150
10	5	10	68	100
11	5	1	40	150
12	4	12	96	150
13	12	11	144	100
14	12	14	108	150
15	14	13	295	100
16	14	15	125	100
17	15	17	46	100
18	17	22	90	100
19	22	21	17	100
20	22	19	71	100
21	18	18	145	100
22	19	20	378	100
23	15	16	54	100
24	16	17	80	100
25	16	23	225	100
26	23	24	95	100
26	23	25	53	100
27	23	26	203	100

WATER SUPPLY DOMESTIC STATEMENT FOR ZONE 2				
S.NO	NODE		LENGTH	DIA
	FROM	TO	(IN M.)	(In mm)
1	600	1	13	200
2	1	2	81	150
3	2	3	125	100
4	2	4	148	150
5	4	6	68	100
6	6	5	63	100
7	6	7	22	100
8	7	8	60	100
9	7	9	257	100
10	9	12	84	100
11	12	10	19	100
12	10	11	135	100
13	12	11	125	100
14	11	4	122	100
15	4	13	27	100
16	13	14	162	100
17	14	15	125	100
18	14	16	28	100
19	13	17	135	100
20	17	21	44	100
21	17	20	54	100
22	20	18	41	100
23	20	19	65	100
24	1	22	230	150
25	22	23	60	100
26	22	24	81	150
26	24	25	203	100
27	25	26	87	100
27	24	27	76	100
28	26	27	171	100
29	27	29	36	100
30	26	28	63	100
31	28	29	140	100
32	29	30	81	100
33	28	30	216	100
34	30	33	81	100
35	33	31	17	100
36	33	32	409	100

Domestic Water Supply statement for Zone 3				
Pipe No.	From Node	To Node	Length (m)	Dia (mm)
1	800	1	14	250
2	1	2	117	100
3	1	4	81	150
4	4	3	65	100
5	4	5	500	150
6	5	6	90	100
7	5	8	66	150
8	8	7	60	100
9	8	9	68	150
10	9	16	81	100
11	16	17	122	100
12	9	10	63	100
13	16	15	54	100
14	10	15	103	100
15	15	13	57	100
16	10	11	60	100
17	11	12	38	100
18	11	13	133	100
19	13	14	95	100
20	1	18	41	250
21	18	19	27	100
22	18	20	220	250
23	20	23	54	200
24	23	21	54	100
25	23	22	119	100
26	23	24	57	200
27	24	25	22	200
28	25	26	84	100
29	25	27	63	150
30	27	28	119	100
31	28	29	27	100
32	28	30	68	100
33	24	31	108	100
34	27	32	41	150
35	32	33	54	100
36	32	34	103	100
37	32	36	41	150
38	36	35	135	100
39	36	37	63	100
40	36	39	46	150
41	39	74	95	100
42	74	38	65	100
43	74	75	81	100
44	39	40	60	100
45	39	43	95	100
46	43	41	73	100
47	43	42	41	100
48	43	46	71	100
49	46	47	27	100
50	46	45	30	100
51	45	44	162	100
52	45	48	162	100
53	29	49	460	200
54	49	50	16	100
55	50	51	60	100
56	50	52	76	100
57	50	53	65	100
58	53	54	125	100
59	53	55	95	100
60	53	56	108	100
61	56	57	41	100
62	56	58	95	100
63	58	59	54	100
64	58	60	78	100
65	60	61	208	100
66	60	62	54	100
67	49	63	100	150
68	63	64	168	100
69	63	65	60	150
70	65	66	135	100
71	65	67	87	150
72	67	68	87	100
73	67	69	242	100
74	69	70	92	100
75	69	77	63	100
76	77	71	41	100
77	69	76	171	100
78	71	72	54	100
79	71	73	135	100
80	77	78	83	100
81	78	79	41	100
82	78	80	25	100

To be read with Licence No. 13 of 2019 Dated 06-03-2019

That this Layout plan for an additional area measuring 16.25 acres in already licenced residential plotted colony measuring 164.0615 acres (Licence No. 59 of 2011 dated 28.06.2011 and Licence No. 14 of 2012 dated 27.02.2012) total 180.3115 acres in (Drawing No. DTCP- 6706 dated 05.12.2018) comprised of licence which was issued in respect of Residential Plotted Colony being developed by DLF Utilities Limited and others in Sector-91 & 92 Gurugram Manesar Urban Complex is hereby approved subject to the following conditions:-

1. That this Layout plan shall be read in conjunction with the clauses appearing on the agreement executed under Rule 11 and the bilateral agreement.
2. That the plotted area of the colony shall not exceed 55% of the net planned area of the colony. The entire area reserved for commercial purposes shall be taken as plotted for calculation of the area under plots.
3. That the demarcation plans as per site of all the residential, commercial and institutional sites shall be got approved from this Department and construction on these sites shall be governed by the Punjab Scheduled Roads and Controlled Areas Restriction of Unregulated Development Rules, 1965 and the Zoning Plan approved by the Director, Town & Country Planning, Haryana.
4. That the high-tension lines passing in the colony area shall have to be suitably aligned or right of way along the same shall be maintained as per ISI norms.
5. That for proper planning and integration of services in the area adjacent to the colony, the colonizer shall abide by the directions of the DTCP for the modification of layout plans of the colony.
6. That the revenue rasta falling in the colony shall be kept free for circulation/movement as shown in the layout plan.
7. That the colonizer shall abide by the directions of the DTCP, Haryana and accordingly shall make necessary changes in the layout plan for making any adjustment in the alignment of the peripheral roads, internal road circulation or for proper integration of the planning proposals of the adjoining areas of the sectors as shown on the Development Plan.
8. That no property/plot shall derive access directly from the carriage way of 45 metres or more wide sector road.
9. All green belts provided in the layout plan within the licenced areas of the colony shall be developed by the colonizer. All other green belts outside the licenced area shall be developed by the Haryana Urban Development Authority/colonizer on the directions of the Director, Town & Country Planning Haryana or in accordance with terms and conditions of the agreements of the licenses.
10. At the time of demarcation, if required percentage of NPNL/ EWS plots and the area under infrastructure are reduced, the same will be provided by the colonizer in the licenced area.
11. Any excess area over and above the permissible 4% under commercial use shall be deemed to be open space.
12. The maximum number of dwelling units in a plot shall be as per the provisions of the Rule 49 of the Rules, 1965.This condition shall also be incorporated in the zoning plan and in the allotment letters being issued by the colonizer to the plot holders. The stipulation shall also be incorporated in the agreement to be executed by the colonizer with the plot buyers.
13. No plot will derive an access from less than 12 metres wide road would mean a minimum clear width of 12 metres between the plots.
14. The portion of the sector/development plan roads /green belts as provided in the Development Plan, which form part of the licenced area shall be transferred free of cost to the government on the lines of section 3(3)(a)(iii) of the Act No.8 of 1975.
15. That the odd size plots (except EWS plots which are approved of standard dimensions) are being approved subject to the conditions that these plots should not have a frontage of less than 75% of the standard frontage when demarcated and area of no plot shall exceed 2 kanals.
16. That you will have no objection to the regularization of the boundaries of the licence through give and take with the land that HUDA is finally able to acquire in the interest of planned development and integration of services. The decision of the competent authority shall be binding in this regard.
17. That the coloniser/owner shall obtain the clearance/NOC as per the provisions of the Notification No. S.O. 1533 (E) Dated 14.9.2006 issued by Ministry of Environment and Forest, Government of India before starting the construction/execution of development works at site.
18. That the rain water harvesting system shall be provided as per Central Ground Water Authority norms/Haryana Govt. notification as applicable.
19. That the coloniser/owner shall use only Light-Emitting Diode lamps (LED) fitting for internal lighting as well as Campus lighting.
20. That the coloniser/owner shall strictly comply with the directions issued vide Notification No. 19/6/2016-5P dated 31.03.2016 issued by Haryana Government Renewable Energy Department.
21. That coloniser/owner shall ensure the installation of Solar Power Plant as per provisions of Haryana Solar Power Policy, 2016 issued by Haryana Government Renewable Energy Department vide Notification No. 19/4/2016-5 Power dated 14.03.2016.
22. That the coloniser/owner shall ensure the installation of Solar Photovoltaic Power Plant as per the provisions of order No. 22/52/2005-5Power dated 21.03.2016 issued by Haryana Government Renewable Energy Department.

(SANJAY NARANG) ATP (HQ) | (RAJESH KAUSHIK) DTP (HQ) | (DEVENDRA NIMBOKAR) STP (M) HQ | (JITENDER SIHAG) CTP (HR) | (K.MAKRAND PANDURANG, IAS) DTCP (HR)

(RAM AVTAR BASSI) AD (HQ)

DLF BUILDING INDIA

Head Office : DLF Centre, Sansad Marg, New Delhi-110001
Website : www.dlf.in

DLF GARDEN CITY

DETAILS OF PLOTS

TYPE	SIZE			AREA		TOTAL NO OF PLOTS	TOTAL AREA(SQM)	% AGE
	LENGTH	WIDTH	CATEGORY	SQM.	SQYDS.			
A	14.00	30.00	(GENERAL)	420.00	502	255	107100.00	
B	12.50	27.50	(GENERAL)	343.75	411	56	19250.00	
C	10.50	27.87	(GENERAL)	292.64	350	228	66720.78	
D	10.00	28.08	(GENERAL)	280.80	300	110	27588.00	
E	10.50	23.89	(GENERAL)	250.85	300	26	6521.97	
E1	10.50	23.68	(GENERAL)	248.64	297	30	7459.20	
E2	10.50	22.50	(GENERAL)	236.25	282	19	4488.75	
F	10.00	22.50	(NPNL)	225.00	269	31	6975.00	
G	9.50	23.68	(NPNL)	224.96	269	167	37568.32	27.87
H	9.50	22.00	(NPNL)	209.00	250	160	33440.00	
H1	9.90	17.60	(NPNL)	164.25	190	36	5918.76	
I	4.00	12.50	(EWS)	50.00	60	272	13600.00	
J	4.55	11.00	(EWS)	50.05	60	21	1051.05	20.78
	TOTAL PLOTS					1410	337581.82	
	NURSING HOME PLOTS			1000	1196	3	3000.00	
					GRAND TOTAL	1413	340081.82	
							84.160 acs.	

DETAIL OF AREA

	AREA (Acre)	% AGE
TOTAL LICENSED AREA	164.0615	
ADDITIONAL AREA APPLIED FOR LICENSE	16.2500	
TOTAL SCHEME AREA	180.3115	
AREA UNDER 60M SECTOR ROAD	0.0300	
UNDETERMINED AREA / TO BE PLANNED LATER	15.1200	
PLANNED AREA	165.1615	
ADD 50% OF AREA UNDER 60M SECTOR ROAD	0.0150	
NET PLANNED AREA	165.1765	
AREA UNDER COMMERCIAL	4.0620	2.4592
AREA UNDER RESIDENTIAL PLOTS	84.1600	50.9516
TOTAL SALEABLE AREA	88.2220	53.4107
AREA UNDER ORGANISED GREENS	6.9100	4.1834
AREA UNDER INCIDENTAL GREENS	7.0500	4.2682
GREEN REQUIRED @ 2.5 SQ.MTS / PERSON	10.9449	
GREEN PROVIDED	13.9600	

POPULATION

	TYPE OF PLOT	NOS.	PERSON/PLOT	TOTAL
A	GENERAL PLOTS	1117	13.5	15080
B	EWS PLOTS	293	9	2637
			TOTAL POPULATION	17717
		POPULATION	AREA	PERSONS PER ACS.
	DENSITY PLOTTED	17717	165.177	107.26

PROVISION OF INFRASTRUCTURE

S NO.	DESCRIPTION	REQUIRED	PROVIDED
1	NURSERY SCHOOL	4	4
2	PRIMARY SCHOOL	2	2
3	HIGH SCHOOL	1	1
4	COMMUNITY CENTRE	1	1
5	CRECHE	1	1
6	DISPENSARY	1	1
7	RELEGIOUS BUILDING	1	1
8	ATM	3	3
9	BEAUTY PARLOUR	3	3
10	CLINIC	3	3
11	MULTIPURPOSE BOOTH	3	3
12	MILK & VEGETABLE BOOTH	3	3
13	SUB POST OFFICE	1	1
14	TAXI STAND/STP	2	2
15	E.S.S.	0	2

CHANGES FROM PREVIOUSLY APPROVED LAYOUT
ADDTIONAL AREA APPLIED FOR LICENCE 16.25 ACS.
CHANGES FROM LAYOUT PLAN ISSUED WITH LOI

GARDENCITY

SHEET TITLE:-
SITE PLAN FOR
DOMESTIC WATER SUPPLY LAYOUT

KEY PLAN

REVISED LAYOUT PLAN FOR RESIDENTIAL PLOTTED COLONY AREA MEASURING 180.3115 ACRES IN SECTOR-91 & 92 VILLAGE MEWKA , DHORKA, BHANGROLA & HAYATPUR, GURUGRAM

SCALE : 1:1600	DATE :10/10/2018	DRG NO: LAY/91-92/05 (R0)
NORTH 1:2400@A1	ARCHITECT/TOWN PLANNER	AUTHORISED SIGNATORY

Checked subject to comments in forwarding letter No.182476 Dt. 09/10/2019 ......and notes attached with the estimate

For Service Estimate only

Superintending Engineer (HQ) for Chief Engineer 1 HSVP Panchkula

Executive Engineer HSVP Division No V Gurugram

Superintending Engineer HSVP Circle-I, Gurugram

Addl. Chief Engineer HSVP, Gurugram

For DLF Utilities Ltd.

STATEMENT FOR DOMESTIC WATER SUPPLY FOR ADDITIONAL AREA (16.25 ACRES)					
SN AS/ NODE	Line No		Length IN MTR	Dia IN MM	100 mm
	From	To			
2	25A	25B	54	100	54
11	21A	21B	80	100	80
14	23A	23B	83	100	83
32	9A	9C	119	100	119
33	9B	9C	108	100	108
34	9C	9D	82	100	82
25	28A	28C	120	100	120
26	28B	28C	65	100	65
27	28C	28E	25	100	25
28	28D	28E	25	100	25
29	28E	28G	80	100	80
30	28F	28G	70	100	70
31	28G	28H	55	100	55
71	60A	60E	160	100	160
72	60B	60D	75	100	75
73	60C	60D	125	100	125
74	60D	60E	30	100	30
TOTAL			1356		1356

LEGEND-

- FACILITIES
- UNDETERMINED AREA
- GREENS
- DLF LICENCED AREA
- FACILITIES AS/ MASTERPLAN
- COMMERCIAL

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(RAJESH KAUSHIK) DTP (HQ) (DEVENDRA NIMBOKAR) STP (M) HQ (JITENDER SIHAG) CTP (HR) (MAKRAND PANDURANG, IAS) DTCP (HR)
(NARANG) ATP (HQ)
(AVTAR BASSI) AD (HQ)

DESIGN STATEMENT - STROM WATER DRAINAGE.

SL NO.	STROM LINE FROM	STROM LINE TO	DIA OF PIPE IN MM	GRADIANT. 1/	LENGTH OF LINE	starting(GL)	starting(IL)	End(GL)	End(IL)
1	1	2	400	370	67	227.10	226.10	227.63	224.76
2	2	5	400	370	126	227.63	224.76	227.50	224.42
3	3	5	400	370	90	227.10	226.10	227.50	224.86
4	4	6	400	370	58	227.57	225.67	227.50	225.41
5	5	6	600	370	84	227.50	224.42	228.40	224.01
6	6	7	450	380	80	228.40	224.01	226.40	223.80
7	7	28	450	380	108	226.40	223.80	226.63	223.02
8	8	11	400	370	378	226.90	224.90	227.71	224.54
9	10	11	400	370	93	227.71	226.71	227.71	226.46
10	11	11B	450	300	168	227.71	224.54	227.03	223.75
11	11A	11B	400	370	42	226.40	224.40	227.03	224.20
12	11B	28	600	300	44	227.03	223.75	226.63	223.02
13	23A	23	400	370	38	228.38	227.38	227.88	226.75
14	23	24	400	370	112	227.88	226.75	227.31	224.76
15	24	26	400	370	250	227.31	224.76	226.63	224.08
16	26	27	1000	800	180	226.63	223.02	225.41	221.03
17	27	OUTFALL 4	1000	800	144	225.41	221.03	224.70	221.03
18	12	14	400	300	90	226.25	224.25	226.26	223.86
19	13	14	400	300	61	226.45	224.45	226.26	224.18
20	14	16	400	300	65	226.25	223.86	226.20	223.44
21	16	18	400	300	108	225.83	223.83	226.20	223.47
22	16	20	400	300	52	228.20	223.44	226.17	223.33
23	25	22	400	370	85	228.80	224.80	226.84	224.76
24	21	22	400	370	138	226.40	224.40	226.43	224.03
25	22	20	400	370	99	226.43	224.03	226.17	223.78
26	20	19	600	400	167	226.17	223.33	225.80	222.86
27	18	19	400	370	30	225.79	223.79	225.80	223.71
28	19	19a	600	400	49	225.80	222.86	225.83	221.13
29	17	19a	400	370	77	225.85	223.85	225.83	223.84
30	19a	OUTFALL 3	600	400	42	225.83	221.13	224.90	221.00

DESIGN STATEMENT - STROM WATER DRAINAGE.

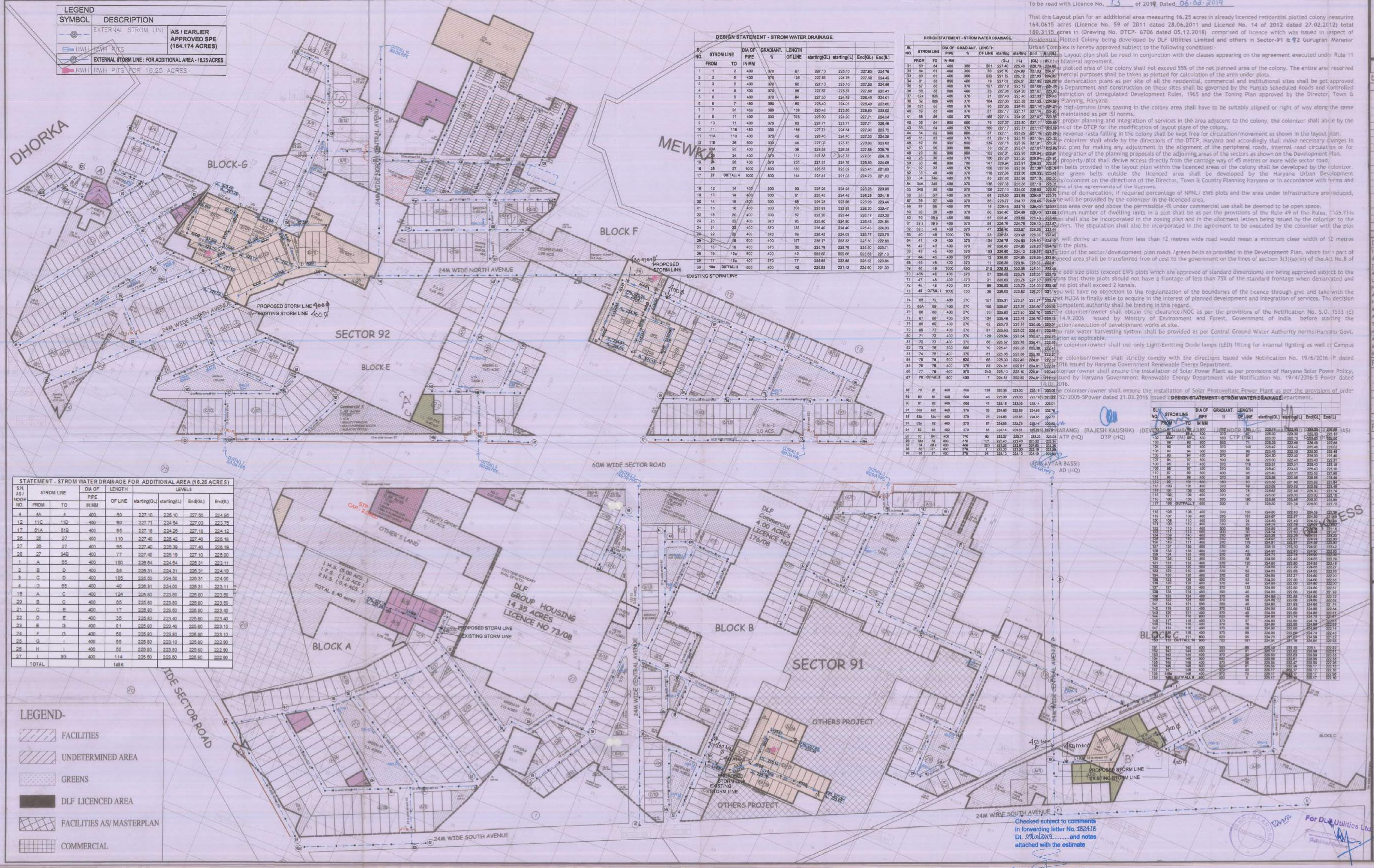
SL NO.	STROM LINE FROM	STROM LINE TO	DIA OF PIPE IN MM	GRADIANT. 1/	LENGTH OF LINE	starting (GL)	starting (IL)	End (GL)	End (IL)
31	63	64	400	300	201	227.40	225.40	226.70	224.66
32	64	61	400	300	86	226.70	224.88	227.03	224.51
33	60	61	400	300	232	227.12	225.12	227.03	224.38
34	61	58	600	400	79	227.03	224.51	227.05	224.20
35	57	58	400	370	127	227.12	225.12	227.08	224.76
36	58	56	600	400	28	227.05	224.20	227.07	223.80
37	62a	62b	400	370	21	227.40	225.40	227.33	224.43
38	62	62b	400	370	184	227.33	225.33	227.33	224.89
39	62b	55	400	370	98	227.33	224.43	227.14	224.21
40	59	55	400	370	81	227.17	225.17	227.14	224.95
41	55	56	400	370	158	227.14	224.29	227.07	223.86
42	56	54	800	500	75	227.07	223.80	227.11	223.65
43	53	54	400	370	180	227.17	225.17	227.11	223.69
44	54	52	900	600	87	227.11	223.89	227.15	223.39
45	51	52	400	370	61	227.18	225.18	227.15	225.02
46	52	50	900	600	139	227.15	223.39	227.01	223.07
47	50	29	900	600	53	227.01	223.07	227.01	222.98
48	29	30	900	600	103	227.01	222.98	226.94	222.81
49	28	30	400	370	106	227.20	225.20	226.94	224.91
50	30	46	900	700	147	226.94	222.81	226.33	222.38
51	32	33	400	370	106	227.38	225.38	227.38	225.09
52	33	40	400	370	118	227.38	222.38	226.33	223.48
53	34	34B	400	370	83	227.36	225.36	227.10	225.00
54	34A	34B	400	370	138	227.38	225.38	227.10	225.01
55	34B	35	400	370	106	227.10	225.00	226.50	223.89
56	35	37	400	370	66	226.50	223.89	226.45	223.75
57	36	37	400	370	88	226.77	224.77	226.45	224.61
58	37	38	400	370	16	226.46	223.75	226.40	223.71
59	38	39	400	370	60	226.40	224.40	226.40	223.80
60	39	39b	450	390	65	226.40	223.60	226.40	223.40
61	39a	39b	400	370	58	226.76	224.76	226.40	223.57
62	39b	40	450	370	47	226.40	223.07	226.33	223.44
63	40	46	1000	750	23	226.33	223.48	226.33	223.45
64	41	43	400	370	124	226.76	224.65	226.60	224.12
65	42	43	400	370	36	226.60	224.85	226.60	224.75
66	43	45	400	370	153	226.60	224.12	226.38	223.71
67	44	45	400	370	12	226.60	224.85	226.38	223.64
68	45	46	400	370	11	226.38	223.64	226.33	223.61
69	46	48	1000	650	210	226.33	222.38	226.00	223.49
70	48A	48	400	370	27	226.62	223.76	226.50	223.70
71	47	48	400	370	21	226.63	223.76	226.50	223.72
72	46	49	400	370	88	226.50	223.70	226.00	223.48
73	49	OUTFALL 2	1000	650	38	226.00	223.52	226.00	221.14
74	65	72	400	370	161	225.31	223.31	225.57	222.76
75	65A	69	400	370	100	225.67	223.67	225.50	223.02
76	66	68	400	370	33	225.80	223.80	225.70	223.71
77	67	68	400	370	124	225.49	223.49	225.70	223.18
78	68	69	400	370	62	225.70	223.18	225.50	223.01
79	69	73	400	370	67	225.50	223.02	225.41	222.56
80	71	72	400	370	120	225.54	223.54	225.57	222.76
81	72	73	400	370	68	225.57	222.76	225.41	222.58
82	73	75	500	500	70	225.41	222.58	225.30	222.43
83	74	75	400	370	61	225.36	223.36	225.30	223.20
84	75	76	600	620	68	225.30	222.43	224.81	222.32
85	76	78	400	370	83	224.81	222.81	224.81	222.60
86	77	78	400	370	240	225.10	223.10	224.81	222.45
87	78	OUTFALL 8	600	400	7	224.81	222.32	224.81	222.32
88	79	81	400	600	138	225.30	223.30	225.18	223.08
89	80	81	400	600	48	225.30	223.30	225.18	223.22
90	81	82	400	600	47	225.18	223.09	225.14	223.01
91	82a	82c	400	370	32	224.85	222.85	224.85	222.76
92	82b	82c	400	370	28	224.85	222.85	224.85	222.77
93	82c	82	400	370	87	224.85	222.76	225.14	222.52
94	82	84	400	370	55	225.14	223.01	225.20	222.81
95	83	84	400	370	90	225.27	223.27	225.22	223.03
96	84a	84	400	370	171	225.40	223.40	225.22	223.34
97	84	88a	400	400	220	225.22	222.91	224.85	222.36
98	85	87	400	370	7	225.30	223.30	225.19	223.25
99	86	87	400	370	96	225.10	223.10	225.19	222.93

DESIGN STATEMENT - STROM WATER DRAINAGE

SL NO.	STROM LINE FROM	STROM LINE TO	DIA OF PIPE IN MM	GRADIANT. 1/	LENGTH OF LINE	starting(GL)	starting(IL)	End(GL)	End(IL)
100	87	88	600	500	[illegible]	225.45	222.80	225.25	222.85
101	88	88 a	400	370	67	225.30	223.30	222.30	223.15
102	88 a	89	600	500	[illegible]	225.30	222.75	225.25	222.60
103	89	92	600	500	71	225.25	222.66	225.48	222.56
104	90	92	400	370	149	225.42	223.42	225.48	223.02
105	92	94	600	500	98	225.48	222.55	225.30	222.48
106	93	94	400	370	57	224.30	222.30	225.30	222.40
107	94	97	600	500	84	225.30	222.40	225.40	222.31
108	95	97	400	370	118	225.51	223.51	225.40	223.19
109	96	97	400	370	90	225.40	223.40	225.40	223.16
110	97	99	600	400	96	225.40	222.31	225.56	221.96
111	98	99	400	370	39	225.56	223.56	225.56	223.45
112	99	101	600	350	80	225.56	221.96	225.62	221.84
113	100	101	400	370	49	225.62	223.62	225.62	223.49
114	101	105	600	300	75	225.62	221.84	225.30	221.74
115	102	105	400	370	52	225.30	223.30	225.30	223.16
116	103	105	400	370	190	225.56	223.56	225.30	223.05
117	105	OUTFALL 7	600	200	5	225.30	221.74	225.30	221.72
118	106	108	400	370	180	224.80	222.80	224.59	222.39
119	107	108	400	370	161	224.67	222.67	224.59	221.89
120	108	110	400	370	24	224.59	221.49	224.59	[illegible]
121	109	110	400	370	22	224.59	222.59	224.59	[illegible]
122	110	113	400	300	58	224.59	221.46	[illegible]	221.18
123	111	113	900	900	30	224.54	221.50	[illegible]	221.47
124	139	140	400	370	381	225.29	223.29	224.91	223.20
125	138	140	400	370	84	224.97	222.97	224.91	222.93
126	140	111	400	370	178	224.91	222.97	224.59	222.90
127	137	136	400	370	50	225.10	223.10	224.90	222.42
128	133	135	400	370	45	224.95	222.95	224.90	222.83
129	134	135	400	370	129	224.74	222.74	224.90	222.39
130	135	132	400	370	58	224.90	222.42	224.85	222.29
131	131	132	400	370	120	224.80	222.80	224.85	222.48
132	132	130	400	370	9	224.85	222.29	224.85	222.27
133	129	130	400	370	62	224.85	222.85	224.85	222.63
134	130	128	400	370	62	224.85	222.27	224.80	222.00
135	125	126	400	370	93	224.90	222.90	224.80	222.65
136	126	128	400	370	44	224.80	222.00	224.80	222.00
137	127	128	400	370	122	224.90	222.90	224.80	222.67
138	128	124	450	390	40	224.80	222.00	224.80	221.93
139	123	124	400	370	49	224.85	222.85	224.80	222.72
140	122	124	400	370	98	224.88	222.88	224.80	222.62
141	124	121	500	500	40	224.80	221.83	224.80	221.74
142	119	121	400	370	132	224.90	222.90	224.80	222.54
143	120	121	400	370	49	224.80	222.80	224.80	222.67
144	121	118	600	620	48	224.80	221.74	224.70	221.67
145	117	118	400	370	57	224.80	222.80	224.70	222.65
146	114	116	400	370	76	224.90	222.90	224.90	222.69
147	115	116	400	370	58	224.90	222.90	224.90	222.74
148	[illegible]	118	400	370	89	224.90	222.69	224.70	222.45
149	[illegible]	111	600	620	95	224.70	221.67	224.59	221.52
150	113	OUTFALL 10	900	700	151	224.54	221.18	224.54	220.93
151	141	142	400	330	86	225.10	223.10	225.1	222.82
152	142	144	450	450	91	225.10	222.82	225.39	222.61
153	143	144	400	370	30	225.63	223.63	225.59	223.55
154	144	146	500	600	29	225.59	222.61	225.55	222.55
155	145	146	400	370	98	225.55	222.47	225.55	222.26
156	146	148	500	500	61	225.55	222.26	225.17	222.13
157	147	148	400	370	43	225.17	223.17	225.17	222.10
158	148a	148	400	370	70	225.17	223.17	225.17	222.98
159	148	OUTFALL 9	600	500	5	225.17	[illegible]	225.17	222.10

STATEMENT - STROM WATER DRAINAGE FOR ADDITIONAL AREA (16.25 ACRES)

S.N. AS/ NODE NO.	STROM LINE FROM	STROM LINE TO	DIA OF PIPE IN MM	LENGTH OF LINE	LEVELS starting(GL)	starting(IL)	End(GL)	End(IL)
4	4A	4	400	50	227.10	225.10	227.50	224.86
12	11C	11D	450	90	227.71	224.54	227.03	223.76
17	51A	51B	400	95	227.18	224.26	227.18	224.12
26	26	27	400	110	227.40	225.42	227.40	225.18
27	28	27	400	95	227.40	225.38	227.40	225.19
28	27	34B	400	77	227.40	225.19	227.10	225.00
1	A	65	400	150	226.64	224.64	226.31	223.11
2	B	D	400	55	226.31	224.31	226.31	224.19
3	C	D	400	105	225.50	224.50	226.31	224.00
4	D	65	400	40	226.31	224.00	226.31	223.11
19	A	C	400	124	225.80	223.80	225.80	223.50
20	B	C	400	65	225.80	223.80	225.80	223.50
21	C	E	400	17	225.80	223.50	225.80	223.40
22	D	E	400	35	225.80	223.40	225.80	223.40
23	E	G	400	81	225.80	223.40	225.80	223.10
24	F	G	400	68	225.80	223.80	225.80	223.10
25	G	I	400	65	225.80	223.10	225.80	222.90
26	H	I	400	50	225.80	223.80	225.80	222.90
27	I	93	400	114	225.50	223.50	225.80	222.90
TOTAL				1486				



LEGEND

SYMBOL	DESCRIPTION	
	EXTERNAL STROM LINE	AS / EARLIER APPROVED SPE (164.174 ACRES)
	RWH PITS	
	EXTERNAL STORM LINE : FOR ADDITIONAL AREA - 16.25 ACRES	
	RWH PITS FOR 16.25 ACRES	

LEGEND-
- FACILITIES
- UNDETERMINED AREA
- GREENS
- DLF LICENCED AREA
- FACILITIES AS/ MASTERPLAN
- COMMERCIAL

DETAILS OF PLOTS

TYPE	SIZE LENGTH	WIDTH	CATEGORY	AREA SQM.	SQYDS.	TOTAL NO OF PLOTS	TOTAL AREA(SQM.)	% AGE
A	14.00	30.00	(GENERAL)	420.00	502	255	107100.00	
B	12.50	27.50	(GENERAL)	343.75	411	56	19250.00	
C	10.50	27.87	(GENERAL)	292.54	350	228	66720.78	
D	10.00	28.08	(GENERAL)	280.80	300	110	27088.00	
E	10.50	23.89	(GENERAL)	250.85	300	26	6521.97	
E1	10.50	23.68	(GENERAL)	248.64	297	30	7459.20	
E2	10.50	22.50	(GENERAL)	236.25	282	19	4488.75	
F	10.00	22.50	(NPNL)	225.00	269	31	6975.00	27.87
G	9.50	23.68	(NPNL)	224.96	269	167	37568.32	
H	9.50	22.00	(NPNL)	209.00	250	160	33440.00	
H1	9.50	17.50	(NPNL)	166.25	199	35	5818.75	
I	4.00	12.50	(EWS)	50.00	60	272	13600.00	20.79
J	4.55	11.00	(EWS)	50.05	60	21	1051.05	
TOTAL PLOTS						1410	337081.82	
NURSING HOME PLOTS				1000	1196	3	3000.00	
					GRAND TOTAL	1413	340081.82	
							84.140 acs.	

DETAIL OF AREA

	AREA (Acre)	% AGE
TOTAL LICENSED AREA	164.0615	
ADDITIONAL AREA APPLIED FOR LICENSE	16.2500	
TOTAL SCHEME AREA	180.3115	
AREA UNDER 60M SECTOR ROAD	0.0300	
UNDETERMINED AREA / TO BE PLANNED LATER	15.1200	
PLANNED AREA	165.1615	
ADD 50% OF AREA UNDER 60M SECTOR ROAD	0.0150	
NET PLANNED AREA	165.1765	
AREA UNDER COMMERCIAL	4.0620	2.4592
AREA UNDER RESIDENTIAL PLOTS	84.1600	50.9516
TOTAL SALEABLE AREA	88.2220	53.4107
AREA UNDER ORGANISED GREENS	6.9100	4.1834
AREA UNDER INCIDENTAL GREENS	7.0500	4.2682
GREEN REQUIRED @ 2.5 SQ MTS / PERSON	10.9449	
GREEN PROVIDED	13.9600	

POPULATION

	TYPE OF PLOT	NOS.	PERSON/PLOT	TOTAL
A	GENERAL PLOTS	1117	13.5	15080
B	EWS PLOTS	293	9	2637
			TOTAL POPULATION	17717
	DENSITY PLOTTED	POPULATION 17717	AREA 165.177	PERSONS PER ACS. 107.26

PROVISION OF INFRASTRUCTURE

S NO.	DESCRIPTION	REQUIRED	PROVIDED
1	NURSERY SCHOOL	4	4
2	PRIMARY SCHOOL	2	2
3	HIGH SCHOOL	1	1
4	COMMUNITY CENTRE	1	1
5	CRECHE	1	1
6	DISPENSARY	1	1
7	RELEGIOUS BUILDING	1	1
8	ATM	3	3
9	BEAUTY PARLOUR	3	3
10	CLINIC	3	3
11	MULTIPURPOSE BOOTH	3	3
12	MILK & VEGETABLE BOOTH	3	3
13	SUB POST OFFICE	2	1
14	TAXI STAND/STP	2	2
15	E.S.S.	0	2

- CHANGES FROM PREVIOUSLY APPROVED LAYOUT
- ADDTIONAL AREA APPLIED FOR LICENCE 16.25 ACS.
- CHANGES FROM LAYOUT PLAN ISSUED WITH LOI

KEY PLAN

GARDENCITY

SHEET TITLE:
SITE PLAN FOR DRAINAGE LAYOUT

REVISED LAYOUT PLAN FOR RESIDENTIAL PLOTTED COLONY AREA MEASURING 180.3115 ACRES IN SECTOR-91 & 92 VILLAGE MEWKA, DHORKA, BHANGROLA & HAYATPUR, GURUGRAM

SCALE: 1:1600 | DATE: 10/10/2018 | DRG. NO: LAY/91-92/05 (RD)

NORTH

ARCHITECT/TOWN PLANNER | AUTHORISED SIGNATORY

For Service Estimate only

Executive Engineer HSVP Division No. V, Gurugram

Superintending Engineer, HSVP Circle-I, Gurugram

Checked subject to comments in forwarding letter No. 152478 Dt. 09/10/2019 ......and notes attached with the estimate

Superintending Engineer (HQ) for Chief Engineer 1 HSVP Panchkula

Addl. Chief Engineer Gurugram

For DLF Utilities Ltd. Authorised Signatory

Director Town & Country Planning Haryana, Chandigarh

To be read with Licence No. 13 of 2018 Dated 06.02.2019

That this Layout plan for an additional area measuring 16.25 acres in already licenced residential plotted colony measuring 164.0635 acres in Sector-91 & 92 Village Mewka, Dhorka, Bhangrola & Hayatpur, Gurugram vide licence No. 13 of 2011 dated 28.06.2011 and Licence No. 14 of 2012 dated 27.02.2012 total 180.3115 acres in lieu of Development Plan approved vide Memo No. LA1/91-92/05(B) 3706 dated 05.12.2018) comprised of licence which was issued in principle for Residential Plotted Colony approved vide Memo No. LA1/91-92/05(B) 3706 dated 05.12.2018) comprised of licence which was issued in principle for Residential Plotted Colony developed by DLF Utilities Limited and others in Sector-91 & 92 Gurugram Manesar Urban Complex is hereby approved subject to the following conditions:-

1. That the Layout plan shall be read in conjunction with the clauses appearing on the agreement executed under Rule 11 read with the Rules ibid.
2. That the parcel area of the colony shall not exceed 55% of the net planned area of the colony. The entire area reserved for Commercial purposes shall be taken as plotted for calculation of the area under plots.
3. That the demarcation plan as per layout of all the residential, commercial and institutional sites shall be got approved from the department and construction on these sites shall be governed by the Punjab Scheduled Roads and Controlled Areas Restriction Act of 1963 and the Punjab Urban Planning and Development Rules, 1965 and the Zoning Plan approved by the Director, Town & Country Planning, Haryana.
4. That the high tension line passing through the colony area shall have to be suitably aligned or right of way along the same shall be maintained as per norms.
5. That for proper planning and integration of services in the area adjacent to the colony, the colonizer shall abide by the directions to the DTCP from time to time for modification of layout plans of the colony.
6. That the revenue rasta/village path falling within the colony shall be kept free for circulation/movement as shown in the layout plan.
7. That the colonizer shall abide by the directions of the DTCP, Haryana and accordingly shall make necessary changes in the layout plan for making any adjustment in the alignment of the peripheral roads, internal road circulation or for any or integration of the colony with the surrounding development/proposals of the adjoining areas of the sectors as shown on the Development Plan.
8. That no direct access from any plot shall be allowed for access directly from the carriage way of 45 metres or more wide sector road.
9. That green belts provided in the layout plan within the licenced areas of the colony shall be developed by the colonizer. All other terms & conditions of the licence shall be developed by the Haryana Urban Development Authority as contained in the memorandum of the Director, Town & Country Planning Haryana or in accordance with terms and conditions of the agreement to be executed by the colonizer.
10. That the final demarcation of the proposed percentage of NPNL/ EWS plots and the area under infrastructure are reduced, if any, shall be provided by the colonizer in the licenced area.
11. That the area under 24 metres and above wide roads and 30 metres and above wide roads shall be deemed to be open space.
12. That the maximum number of dwelling units in a plot shall be as per the provisions of the Rule 49 of the Rules, 1965. This condition shall also be incorporated in the zoning plan and in the allotment letters being issued by the colonizer to the plot holders. The above clause shall also be incorporated in the agreement to be executed by the colonizer with the plot allottees.
13. That the portion of the sector road less than 12 metres wide road would mean a minimum clear width of 12 metres between the poles.
14. That portion of the sector 60 metres wide road plan roads /green belts as provided in the Development Plan, which form part of the licenced area shall be developed and free of cost to the government on the lines of section 3(3)(a)(iii) of the Act No.8 of 1975.
15. That the plots size 38x15 (570 sq.yds) and above plots which are approved of standard dimensions) are being approved subject to the condition that the owner of such plots shall not have a frontage of less than 75% of the standard frontage when demarcated and the owner of such plots shall execute an undertaking.
16. That you will have to obtain the regularization of the boundaries of the licence through give and take with the land that is to be surrendered free of cost to the government in the interest of planned development and integration of services. The decision of the competent authority shall be binding in this regard.
17. That the developer/colonizer shall obtain the clearance/NOC as per the provisions of the Notification No. S.O. 1533 (E) Dated 14.09.2006 as issued by the Ministry of Environment and Forest, Government of India before starting the construction/execution of the development works at site.
18. That the adequate water supply, sewerage, drainage etc. shall be provided as per Central Ground Water Authority norms/Haryana Govt. norms. Rain water harvesting system shall be provided.
19. That the colonizer/owner shall use only Light-Emitting Diode lamps (LED) fitting for internal lighting as well as Campus lighting.
20. That the colonizer/owner shall strictly comply with the directions issued vide Notification No. 19/6/2016-IP dated 23.03.2016 issued by Haryana Government Renewable Energy Department.
21. That colonizer/owner shall be responsible for the installation of Solar Power Plant as per provisions of Haryana Solar Power Policy, 2016 issued by Haryana Government Renewable Energy Department vide Notification No. 19/47/2016-5 Power dated 23.03.2016.
22. That the colonizer/owner shall be responsible for the installation of Solar Photovoltaic Power Plant as per the provisions of order No. 22/47/2016-5 Power dated 23.03.2016 issued by Haryana Government Renewable Energy Department.

(SANJIV NARAYAN) IAS, ATP (HQ) — (JESSI PRASAD) IAS, DTP (HQ) — (DEVENDRA NIMBOKAR) STP (M) HQ — (JITENDER SHAG) CTP (HR) — (K.MAKRAND PANDURANG, IAS) DTCP (HR)

Flushing Water Supply statement for Zone -1 & Zone-2

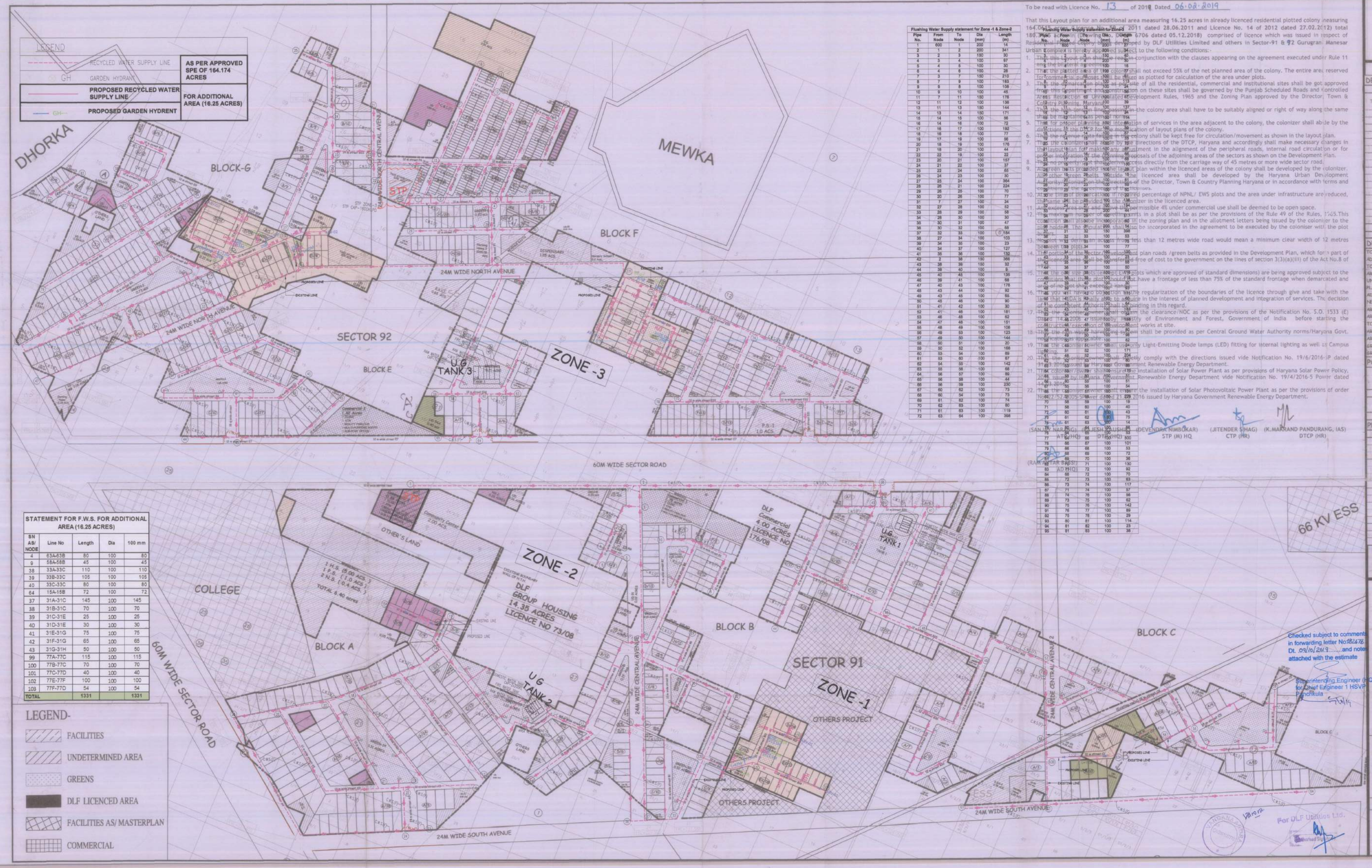
Pipe No.	From Node	To Node	Dia (mm)	Length (m)
1	600	1	200	14
2	1	2	200	341
3	2	3	150	30
4	3	4	100	67
5	4	5	100	30
6	4	6	100	28
7	3	7	150	210
8	7	8	100	183
9	6	8	100	108
10	9	10	100	45
11	7	11	150	178
12	11	12	100	136
13	11	13	150	144
14	13	14	150	171
15	14	15	100	56
16	14	16	100	72
17	16	17	100	192
18	16	18	100	77
19	17	19	100	56
20	18	19	100	178
21	18	20	100	44
22	22	19	100	22
23	20	21	100	157
24	21	22	100	37
25	22	24	100	65
26	24	23	100	30
27	25	24	100	364
28	26	21	100	224
29	26	25	100	70
30	27	26	100	77
31	7	27	100	24
32	27	28	100	52
33	28	29	100	58
34	28	30	100	30
35	30	31	100	47
36	30	32	100	68
37	32	33	100	184
38	27	34	100	103
39	34	35	100	23
40	34	37	100	127
41	35	36	100	132
42	2	38	150	366
43	38	39	150	32
44	39	40	100	8
45	40	41	100	135
46	39	41	100	68
47	40	43	100	178
48	43	44	100	92
49	43	45	100	55
50	45	46	100	90
51	41	42	100	30
52	41	46	100	181
53	48	48	100	62
54	47	48	100	181
55	48	49	100	108
56	49	53	100	125
57	49	50	100	144
58	50	51	100	20
59	50	52	100	168
60	53	54	100	89
61	53	60	100	87
62	54	55	100	142
63	56	56	100	68
64	56	57	100	89
65	56	58	100	44
66	56	59	100	230
67	60	62	100	73
68	60	64	100	73
69	61	62	100	74
70	62	63	100	85
71	61	63	100	119
72	63	64	100	368

Flushing Water Supply statement for Zone-3

Pipe No.	From Node	To Node	Dia. (mm)	Length (m)
73	65	66	150	40
74	66	67	150	30
75	67	68	150	16
76	68	69	150	137
77	69	70	150	24
78	65	87	100	151
79	66	68	100	53
80	68	69	100	72
81	69	70	100	36
82	70	71	100	130
83	71	72	100	80
84	69	72	100	70
85	72	73	100	63
86	73	74	100	117
87	74	74	100	37
88	74	75	100	66
89	73	75	100	62
90	75	76	100	142
91	76	77	100	69
92	75	78	100	29
93	80	81	100	114
94	81	82	100	23
95	81	83	100	38

LEGEND

RECYCLED WATER SUPPLY LINE	AS PER APPROVED SPE OF 164.174 ACRES
PROPOSED RECYCLED WATER SUPPLY LINE	FOR ADDITIONAL AREA (16.25 ACRES)
PROPOSED GARDEN HYDRENT	



STATEMENT FOR F.W.S. FOR ADDITIONAL AREA (16.25 ACRES)

SN AS/ NODE	Line No	Length	Dia	100 mm
4	63A-63B	80	100	80
9	58A-58B	45	100	45
38	33A-33C	110	100	110
39	33B-33C	105	100	105
40	33C-33C	80	100	80
64	15A-15B	72	100	72
37	31A-31C	145	100	145
38	31B-31C	70	100	70
39	31C-31E	25	100	25
40	31D-31E	30	100	30
41	31E-31G	75	100	75
42	31F-31G	65	100	65
43	31G-31H	50	100	50
99	77A-77C	115	100	115
100	77B-77C	70	100	70
101	77C-77D	40	100	40
102	77E-77F	100	100	100
103	77F-77D	54	100	54
TOTAL		1331		1331

LEGEND-

- FACILITIES
- UNDETERMINED AREA
- GREENS
- DLF LICENCED AREA
- FACILITIES AS/ MASTERPLAN
- COMMERCIAL

DLF BUILDING INDIA

Head Office : DLF Center, Sansad Marg, New Delhi-110001
Website : www.dlf.in

DLF GARDEN CITY

DETAILS OF PLOTS

TYPE	SIZE LENGTH	SIZE WIDTH	SIZE CATEGORY	AREA SQM.	AREA SQYDS.	TOTAL NO OF PLOTS	TOTAL AREA(SQM.)	% ASE
A	14.00	30.00	(GENERAL)	420.00	502	255	107100.00	
B	12.50	27.50	(GENERAL)	343.75	411	56	19250.00	
C	10.50	27.87	(GENERAL)	292.64	350	228	66720.78	
D	10.00	25.08	(GENERAL)	250.80	300	130	27588.00	
E	10.50	23.89	(GENERAL)	250.85	300	26	6521.97	
E1	10.50	23.68	(GENERAL)	248.64	297	30	7459.20	
E2	10.50	22.50	(GENERAL)	236.25	282	19	4488.75	
F	10.00	22.50	(NPNL)	225.00	269	31	6975.00	
G	9.50	23.68	(NPNL)	224.96	269	167	37568.32	27.87
H	9.50	22.00	(NPNL)	209.00	250	160	33440.00	
H1	9.50	17.90	(NPNL)	164.25	196	85	6818.76	
I	4.00	12.50	(EWS)	50.00	60	272	13600.00	20.78
J	4.50	11.00	(EWS)	50.06	60	21	1051.60	
TOTAL PLOTS						1410	337581.82	
NURSING HOME PLOTS				1000	1196	3	3000.00	
GRAND TOTAL						1413	340581.82	
							84.160 acs.	

DETAIL OF AREA

	AREA (Acre)	% ASE
TOTAL LICENSED AREA	164.0635	
ADDITIONAL AREA APPLIED FOR LICENSE	16.2500	
TOTAL SCHEME AREA	180.3115	
AREA UNDER 60M SECTOR ROAD	0.0300	
UNDETERMINED AREA / TO BE PLANNED LATER	15.1200	
PLANNED AREA	165.1615	
ADD 50% OF AREA UNDER 60M SECTOR ROAD	0.0150	
NET PLANNED AREA	165.1765	
AREA UNDER COMMERCIAL	4.0620	2.4592
AREA UNDER RESIDENTIAL PLOTS	84.1600	50.9516
TOTAL SALEABLE AREA	88.2220	53.4107
AREA UNDER ORGANISED GREENS	6.9100	4.1814
AREA UNDER INCIDENTAL GREENS	7.0500	4.2692
GREEN REQUIRED @ 2.5 SQ.MTS / PERSON	10.9449	
GREEN PROVIDED	13.9600	

POPULATION

	TYPE OF PLOT	NOS.	PERSON/PLOT	TOTAL
A	GENERAL PLOTS	1117	13.5	15080
B	EWS PLOTS	293	9	2637
			TOTAL POPULATION	17717

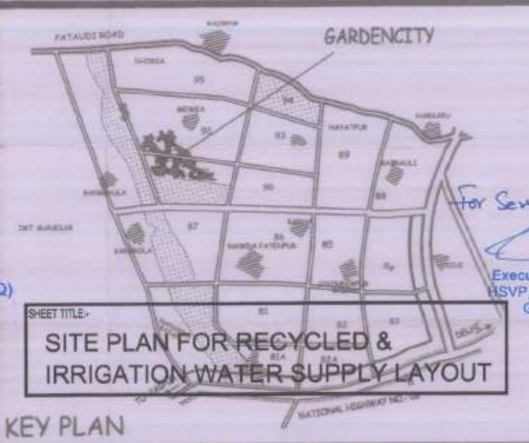
	POPULATION	AREA	PERSONS PER ACS.
DENSITY PLOTTED	17717	168.177	107.26

PROVISION OF INFRASTRUCTURE

S NO	DESCRIPTION	REQUIRED	PROVIDED
1	NURSERY SCHOOL	4	4
2	PRIMARY SCHOOL	2	2
3	HIGH SCHOOL	1	1
4	COMMUNITY CENTRE	1	1
5	CRECHE	1	1
6	DISPENSARY	1	1
7	RELEGIOUS BUILDING	1	1
8	ATM	3	3
9	BEAUTY PARLOUR	3	3
10	CLINIC	3	3
11	MULTIPURPOSE BOOTH	3	3
12	MILK & VEGETABLE BOOTH	3	3
13	SUB POST OFFICE	1	1
14	TAXI STAND/STP	2	2
15	E.S.S.	0	2

- CHANGES FROM PREVIOUSLY APPROVED LAYOUT
- ADDITIONAL AREA APPLIED FOR LICENCE 16.25 ACS.
- CHANGES FROM LAYOUT PLAN ISSUED WITH LOI

KEY PLAN



SHEET TITLE- SITE PLAN FOR RECYCLED & IRRIGATION WATER SUPPLY LAYOUT

REVISED LAYOUT PLAN FOR RESIDENTIAL PLOTTED COLONY AREA MEASURING 180.3115 ACRES IN SECTOR-91 & 92 VILLAGE MEWKA , DHORKA, BHANGROLA & HAYATPUR, GURUGRAM

SCALE : 1:1600 — DATE : 10/10/2018 — DBC NO: LA1/91-92/05 (B)

NORTH — 1:2400@A1

ARCHITECT/TOWN PLANNER — SUPERINTENDING ENGINEER, HSVP CIRCLE-I, GURGAON — AUTHORISED SIGNATORY

Checked subject to comments in forwarding letter No. 82478 Dt. 09/11/2018 and notes attached with the estimate

Superintending Engineer (HQ) for Chief Engineer 1 HSVP Panchkula

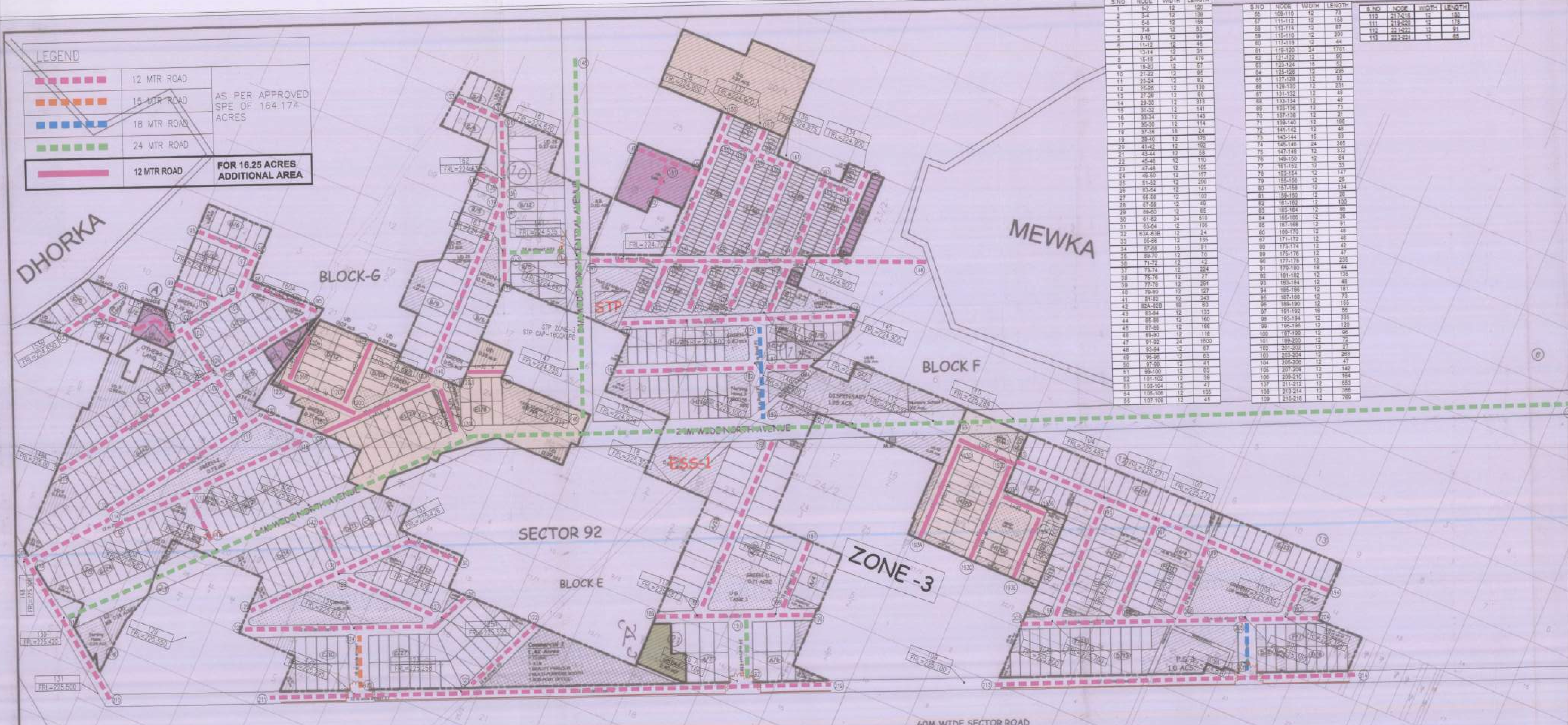
For Service Estimate only

Executive Engineer HSVP Division No.V, Gurugram

For DLF Utilities Ltd.

Director Town & Country Planning Haryana, Chandigarh

Add. Chief Engineer HSVP, Gurugram



S.NO	NODE	WIDTH	LENGTH
1	1-2	12	120
2	3-4	12	138
3	5-6	12	158
4	7-8	12	80
5	9-10	12	93
6	11-12	12	48
7	13-14	12	31
8	15-16	24	479
9	19-20	12	57
10	21-22	12	95
11	23-24	12	82
12	25-26	12	130
13	27-28	12	90
14	29-30	12	313
15	31-32	12	141
16	33-34	12	143
17	35-36	12	114
18	37-38	18	24
19	39-40	12	176
20	41-42	12	192
21	43-44	12	58
22	45-46	12	110
23	47-48	12	105
24	49-50	12	157
25	51-52	12	200
26	53-54	12	141
27	55-56	12	102
28	57-58	12	49
29	59-60	12	65
30	61-62	24	510
31	63-64	12	105
32	63A-63B	12	24
33	65-66	12	135
34	67-68	15	91
35	69-70	12	70
36	71-72	12	42
37	73-74	12	224
38	75-76	12	27
39	77-78	12	291
40	79-80	12	127
41	81-82	12	243
42	82A-82B	18	80
43	83-84	12	133
44	85-86	12	160
45	87-88	12	188
46	89-90	12	116
47	91-92	24	1600
48	93-94	12	67
49	95-96	12	63
50	97-98	12	41
51	99-100	12	63
52	101-102	12	39
53	103-104	12	47
54	105-106	12	105
55	107-108	12	45

S.NO	NODE	WIDTH	LENGTH
56	109-110	12	73
57	111-112	12	158
58	113-114	12	87
59	115-116	12	203
60	117-118	12	44
61	119-120	24	1701
62	121-122	12	90
63	123-124	15	52
64	125-126	12	235
65	127-128	12	92
66	129-130	12	231
67	131-132	12	48
68	133-134	12	49
69	135-136	12	73
70	137-138	12	21
71	139-140	12	198
72	141-142	12	48
73	143-144	15	53
74	145-146	24	365
75	147-148	12	332
76	149-150	12	64
77	151-152	12	33
78	153-154	12	147
79	155-156	12	25
80	157-158	12	134
81	159-160	12	26
82	161-162	12	100
83	163-164	12	86
84	165-166	12	26
85	167-168	12	91
86	169-170	12	48
87	171-172	12	48
88	173-174	12	42
89	175-176	12	47
90	177-178	12	236
91	179-180	18	44
92	181-182	12	135
93	183-184	12	48
94	185-186	12	181
95	187-188	12	73
96	189-190	12	155
97	191-192	18	58
98	193-194	12	335
99	195-196	12	120
100	197-198	12	95
101	199-200	12	72
102	201-202	12	27
103	203-204	12	283
104	205-206	12	47
105	207-208	12	142
106	209-210	12	154
107	211-212	12	653
108	213-214	12	366
109	215-216	12	789

S.NO	NODE	WIDTH	LENGTH
110	217-218	12	183
111	219-220	12	178
112	221-222	12	91
113	223-224	12	65

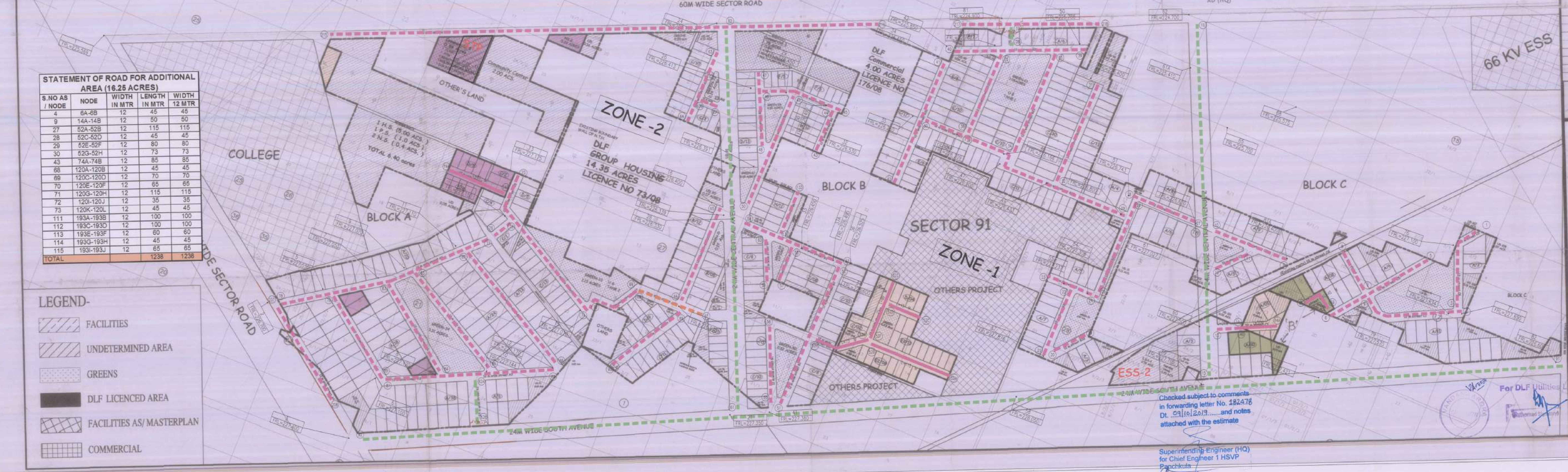
To be read with Licence No. 13 of 2019 Dated 06.02.2019

That this Layout plan for an additional area measuring 16.25 acres in already licenced residential plotted colony measuring 164.0615 acres (Licence No. 59 of 2011 dated 28.06.2011 and Licence No. 14 of 2012 dated 27.02.2012) total 180.3115 acres in (Drawing No. DTCP. 6706 dated 05.12.2018) comprised of licence which was issued in respect of Residential Plotted Colony being developed by DLF Utilities Limited and others in Sector-91 & 92 Gurugram Manesar Urban Complex is hereby approved subject to the following conditions:-

1. That this Layout plan shall be read in conjunction with the clauses appearing on the agreement executed under Rule 11 and the bilateral agreement.
2. That the plotted area of the colony shall not exceed 55% of the net planned area of the colony. The entire area reserved for commercial purposes shall be taken as plotted for calculation of the area under plots.
3. That the demarcation plans as per site of all the residential, commercial and institutional sites shall be got approved from this Department and construction on these sites shall be governed by the Punjab Scheduled Roads and Controlled Areas Restriction of Unregulated Development Rules, 1965 and the Zoning Plan approved by the Director, Town & Country Planning, Haryana.
4. That the high-tension lines passing in the colony area shall have to be suitably aligned or right of way along the same shall be maintained as per ISI norms.
5. That for proper planning and integration of services in the area adjacent to the colony, the colonizer shall abide by the directions of the DTCP for the modification of layout plans of the colony.
6. That the revenue rasta falling in the colony shall be kept free for circulation/movement as shown in the layout plan.
7. That the colonizer shall abide by the directions of the DTCP, Haryana and accordingly shall make necessary changes in the layout plan for making any adjustment in the alignment of the peripheral roads, internal road circulation or for proper integration of the planning proposals of the adjoining areas of the sectors as shown on the Development Plan.
8. That no property/plot shall derive access directly from the carriage way of 45 metres or more wide sector road.
9. All green belts provided in the layout plan within the licenced areas of the colony shall be developed by the colonizer. All other green belts outside the licenced area shall be developed by the Haryana Urban Development Authority/colonizer on the directions of the Director, Town & Country Planning Haryana or in accordance with terms and conditions of the agreements of the licenses.
10. At the time of demarcation, if required percentage of NPNL/ EWS plots and the area under infrastructure are reduced, the same will be provided by the colonizer in the licenced area.
11. Any excess area over and above the permissible 4% under commercial use shall be deemed to be open space.
12. The maximum number of dwelling units in a plot shall be as per the provisions of the Rule 49 of the Rules, 1965.This condition shall also be incorporated in the zoning plan and in the allotment letters being issued by the coloniser to the plot holders. The stipulation shall also be incorporated in the agreement to be executed by the coloniser with the plot buyers.
13. No plot will derive an access from less than 12 metres wide road would mean a minimum clear width of 12 metres between the plots.
14. The portion of the sector/development plan roads /green belts as provided in the Development Plan, which form part of the licenced area shall be transferred free of cost to the government on the lines of section 3(3)(a)(iii) of the Act No.8 of 1975.
15. That the odd size plots (except EWS plots which are approved of standard dimensions) are being approved subject to the conditions that those plots should not have a frontage of less than 75% of the standard frontage when demarcated and area of no plot shall exceed 2 kanals.
16. That you will have no objection to the regularization of the boundaries of the licence through give and take with the land that HUDA is finally able to acquire in the interest of planned development and integration of services. The decision of the competent authority shall be binding in this regard.
17. That the coloniser/owner shall obtain the clearance/NOC as per the provisions of the Notification No. S.O. 1533 (E) Dated 14.9.2006 issued by Ministry of Environment and Forest, Government of India before starting the construction/execution of development works at site.
18. That the rain water harvesting system shall be provided as per Central Ground Water Authority norms/Haryana Govt. notification as applicable.
19. That the coloniser/owner shall use only Light-Emitting Diode lamps (LED) fitting for internal lighting as well as Campus lighting.
20. That the coloniser/owner shall strictly comply with the directions issued vide Notification No. 19/6/2016-5P dated 31.03.2016 issued by Haryana Government Renewable Energy Department.
21. That coloniser/owner shall ensure the installation of Solar Power Plant as per provisions of Haryana Solar Power Policy, 2016 issued by Haryana Government Renewable Energy Department vide Notification No. 19/4/2016-5 Power dated 14.03.2016.
22. That the coloniser/owner shall ensure the installation of Solar Photovoltaic Power Plant as per the provisions of order No. 22/52/2005-5Power dated 21.03.2016 issued by Haryana Government Renewable Energy Department.

(SANJAY NARANG) ATP (HQ) | (RAJESH KAUSHIK) DTP (HQ) | (DEVENDRA NIMBOKAR) STP (M) HQ | (JITENDER SIHAG) CTP (HR) | (K.MAKRAND PANDURANG, IAS) DTCP (HR)

(RAM AVTAR BASSI) AD (HQ)



STATEMENT OF ROAD FOR ADDITIONAL AREA (16.25 ACRES)

S.NO AS / NODE	NODE	WIDTH IN MTR	LENGTH IN MTR	WIDTH 12 MTR
4	6A-6B	12	45	45
9	14A-14B	12	50	50
27	52A-52B	12	115	115
28	52C-52D	12	45	45
29	52E-52F	12	80	80
30	52G-52H	12	73	73
43	74A-74B	12	85	85
68	120A-120B	12	45	45
69	120C-120D	12	70	70
70	120E-120F	12	65	65
71	120G-120H	12	115	115
72	120I-120J	12	35	35
73	120K-120L	12	45	45
111	193A-193B	12	100	100
112	193C-193D	12	100	100
113	193E-193F	12	60	60
114	193G-193H	12	45	45
115	193I-193J	12	65	65
TOTAL			1238	1238

LEGEND-
FACILITIES
UNDETERMINED AREA
GREENS
DLF LICENCED AREA
FACILITIES AS/ MASTERPLAN
COMMERCIAL

Checked subject to comments in forwarding letter No. 182478 Dt. 09/10/2019 ......and notes attached with the estimate

Superintending Engineer (HQ) for Chief Engineer 1 HSVP Panchkula

DLF
BUILDING INDIA
Head Office: DLF Centre, Sansad Marg, New Delhi-110001
Website: www.dlf.in

DLF GARDEN CITY

DETAILS OF PLOTS

TYPE	SIZE LENGTH	SIZE WIDTH	CATEGORY	AREA SQM.	AREA SQYDS.	TOTAL NO OF PLOTS	TOTAL AREA(SQM.)	% AGE
A	14.00	30.00	(GENERAL)	420.00	502	255	107100.00	
B	12.50	27.50	(GENERAL)	343.75	411	56	19250.00	
C	10.50	27.87	(GENERAL)	292.54	350	228	66720.78	
D	10.00	28.08	(GENERAL)	280.80	300	110	27588.00	
E	10.50	23.89	(GENERAL)	250.85	300	26	6521.97	
E1	10.50	23.68	(GENERAL)	248.64	297	30	7459.20	
E2	10.50	22.50	(GENERAL)	236.25	282	19	4488.75	
F	10.00	22.50	(NPNL)	225.00	269	31	6975.00	
G	9.50	23.68	(NPNL)	224.96	269	167	37568.32	27.87
H	9.50	22.00	(NPNL)	209.00	250	160	33440.00	
H1	9.90	17.50	(NPNL)	164.25	199	39	6818.75	
I	4.00	12.50	(EWS)	50.00	60	272	13600.00	20.78
J	4.55	11.00	(EWS)	50.05	60	21	1051.05	
TOTAL PLOTS						1410	337581.82	
NURSING HOME PLOTS				1000	1196	3	3000.00	
				GRAND TOTAL		1413	340581.82	
							84.140 acs.	

DETAIL OF AREA

	AREA (Acre)	% AGE
TOTAL LICENSED AREA	164.0615	
ADDITIONAL AREA APPLIED FOR LICENSE	16.2500	
TOTAL SCHEME AREA	180.3115	
AREA UNDER 60M SECTOR ROAD	0.0300	
UNDETERMINED AREA / TO BE PLANNED LATER	15.1200	
PLANNED AREA	165.1615	
ADD 50% OF AREA UNDER 60M SECTOR ROAD	0.0150	
NET PLANNED AREA	165.1765	
AREA UNDER COMMERCIAL	4.0620	2.4592
AREA UNDER RESIDENTIAL PLOTS	84.1600	50.9516
TOTAL SALEABLE AREA	88.2220	53.4107
AREA UNDER ORGANISED GREENS	6.9100	4.1834
AREA UNDER INCIDENTAL GREENS	7.0500	4.2682
GREEN REQUIRED @ 2.5 SQ.MTS / PERSON	10.9449	
GREEN PROVIDED	13.9600	

POPULATION

	TYPE OF PLOT	NOS.	PERSON/PLOT	TOTAL
A	GENERAL PLOTS	1117	13.5	15080
B	EWS PLOTS	293	9	2637
			TOTAL POPULATION	17717
		POPULATION	AREA	PERSONS PER ACS.
	DENSITY PLOTTED	17717	168.177	107.26

PROVISION OF INFRASTRUCTURE

S.NO.	DESCRIPTION	REQUIRED	PROVIDED
1	NURSERY SCHOOL	4	4
2	PRIMARY SCHOOL	2	2
3	HIGH SCHOOL	1	1
4	COMMUNITY CENTRE	1	1
5	CRECHE	1	1
6	DISPENSARY	1	1
7	RELEGIOUS BUILDING	1	1
8	ATM	3	3
9	BEAUTY PARLOUR	3	3
10	CLINIC	3	3
11	MULTIPURPOSE BOOTH	3	3
12	MILK & VEGETABLE BOOTH	3	3
13	SUB POST OFFICE	1	1
14	TAXI STAND/STP	2	2
15	E.S.S.	0	2

CHANGES FROM PREVIOUSLY APPROVED LAYOUT
ADDITIONAL AREA APPLIED FOR LICENCE 16.25 ACS.
CHANGES FROM LAYOUT PLAN ISSUED WITH LOI

GARDENCITY

for Service Estimates only

Executive Engineer HSVP Division No.V, Gurugram

SHEET TITLE: SITE PLAN FOR ROAD LAYOUT

KEY PLAN

REVISED LAYOUT PLAN FOR RESIDENTIAL PLOTTED COLONY AREA MEASURING 180.3115 ACRES IN SECTOR-91 & 92 VILLAGE MEWKA, DHORKA, BHANGROLA & HAYATPUR, GURUGRAM

SCALE: 1:1600 | DATE: 10/10/2018 | DRG. NO: LAY/91-92/05 (R0)

NORTH 1:2400@A1

For DLF Utilities Ltd. Authorised Signatory

ARCHITECT/TOWN PLANNER

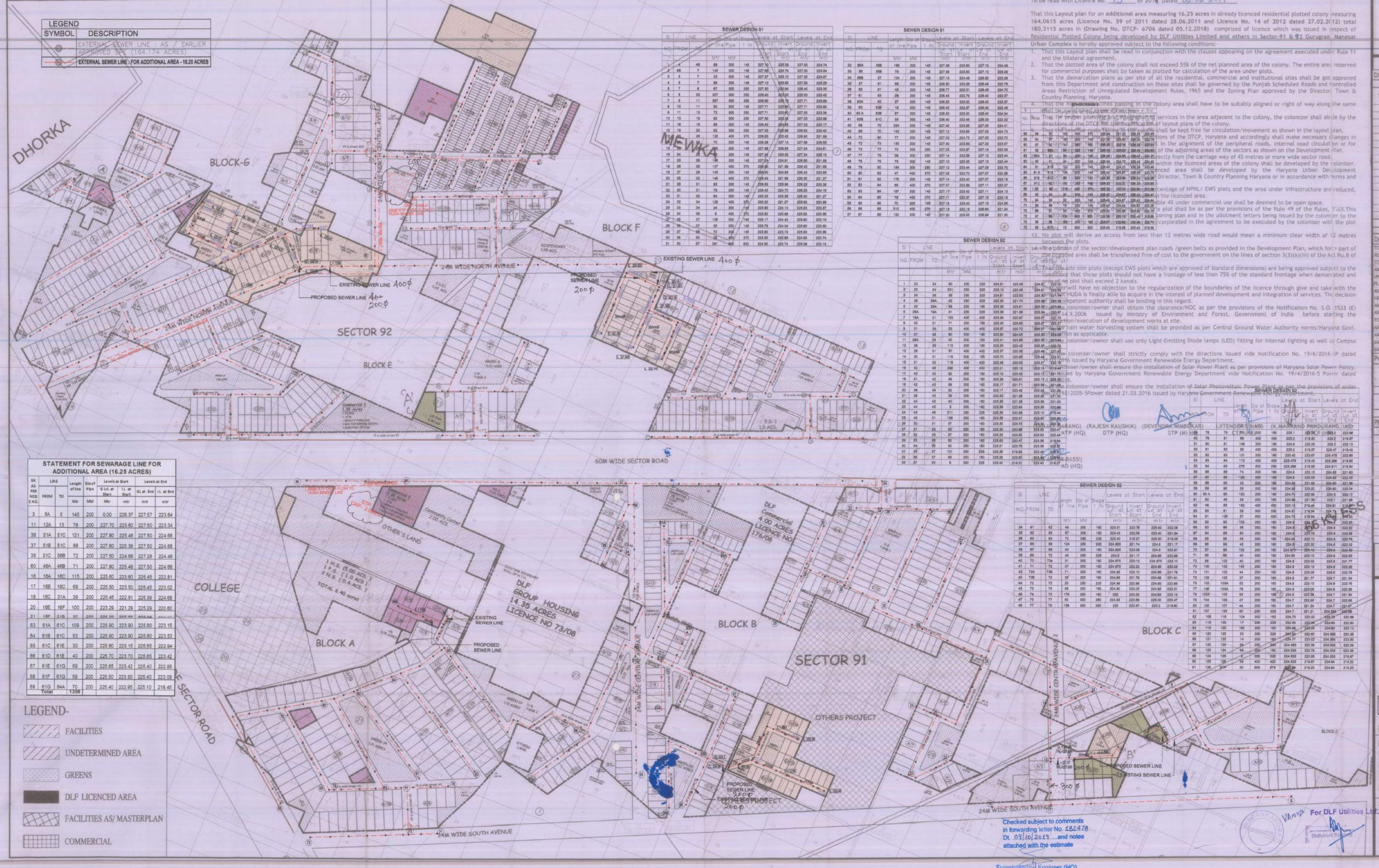
Superintending Engineer, HSVP Circle-I, Gurugram

AUTHORISED SIGNATORY

District Town & Country Planner

Addl. Chief Engineer HSVP, Gurugram

LEGEND	
SYMBOL	DESCRIPTION
	EXTERNAL SEWER LINE : AS / EARLIER APPROVED SEC (164.174 ACRES)
	EXTERNAL SEWER LINE : FOR ADDITIONAL AREA - 16.25 ACRES



STATEMENT FOR SEWARAGE LINE FOR ADDITIONAL AREA (16.25 ACRES)

SN AS PER NOD (NO)	LINE FROM	LINE TO	Length of line	Dia of Pipe	Levels at Start GL at Start	Levels at Start IL at Start	Levels at End GL at End	Levels at End IL at End
			Mtr	MM	Mtr	mtr	mtr	mtr
3	5A	5	145	200	0.00	226.37	227.57	223.64
11	12A	13	78	200	227.70	223.80	227.50	223.34
38	51A	51C	121	200	227.80	225.48	227.50	224.68
37	51B	51C	88	200	227.80	225.38	227.50	224.68
38	51C	56B	72	200	227.50	224.68	227.28	224.48
60	46A	46B	71	200	227.80	225.48	227.50	224.68
16	16A	16C	115	200	225.60	223.80	225.45	222.81
17	16B	16C	69	200	225.60	223.50	225.45	223.02
18	16C	31A	39	200	225.45	222.81	225.39	224.68
20	16E	16F	100	200	223.29	221.29	225.29	220.60
21	16F	31B	30	200	[illegible]	[illegible]	[illegible]	[illegible]
63	61A	61C	109	200	225.60	223.90	225.80	223.15
64	61B	61C	53	200	225.60	223.90	225.80	223.53
65	61C	61E	30	200	225.80	223.15	225.65	222.94
66	61D	61E	40	200	225.70	223.70	225.65	223.42
67	61E	61G	69	200	225.65	223.42	225.40	222.96
68	61F	61G	69	200	225.50	223.50	225.40	223.09
69	61G	84A	70	200	225.40	222.95	225.10	218.45
Total			1358					

LEGEND-

- FACILITIES
- UNDETERMINED AREA
- GREENS
- DLF LICENCED AREA
- FACILITIES AS/ MASTERPLAN
- COMMERCIAL

SEWER DESIGN 91

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
1	4	48	68	200	145	227.10	225.58	227.63	224.74
2	48	7	146	200	145	227.65	224.74	227.50	223.64
3	5	7	33	200	145	227.07	225.10	227.50	224.67
4	6	7	66	200	145	227.10	225.62	227.50	223.23
5	7	8	67	300	280	227.50	223.64	226.40	223.38
6	8	20	207	300	280	226.40	223.50	226.63	222.42
7	9	11	107	300	280	226.80	223.15	227.71	223.66
8	10	11	80	300	145	227.71	223.90	227.71	223.60
9	11	13	72	300	280	227.71	223.60	227.80	223.54
10	13	16	82	300	280	227.80	223.54	227.03	222.98
11	16	18	69	200	145	226.40	222.98	227.03	224.17
12	19	20	62	300	280	227.03	222.98	226.63	222.42
13	20	26	126	400	370	226.63	222.42	226.80	221.99
14	18	26	146	200	145	228.38	227.13	227.80	224.68
15	26	28	146	200	145	227.80	226.60	227.24	224.81
16	24	28	146	200	145	227.24	225.33	227.24	225.10
17	25	28	146	200	145	224.81	226.80	224.81	224.68
18	28	29	107	400	370	226.80	221.99	226.43	221.89
19	27	29	146	200	145	226.40	224.68	226.43	223.68
20	29	32	146	400	370	226.43	221.89	226.32	221.27
21	29	31	83	200	145	226.63	225.96	226.32	225.38
22	30	31	79	200	145	226.45	224.70	226.38	224.18
23	31	32	64	200	145	226.32	225.38	226.32	221.27
24	32	34	126	400	370	226.20	221.27	225.83	220.89
25	33	34	34	200	145	225.80	224.13	225.83	223.61
26	34	36	9	400	370	225.83	220.89	225.83	220.86
27	35	37	158	200	145	226.17	224.42	225.80	223.19
28	36	37	35	200	145	225.79	224.04	225.80	223.80
29	37	46	70	200	145	225.80	223.19	225.63	220.86
30	38	50	38	400	370	225.80	220.98	224.90	220.74
31	50	57	381	600	630	224.90	220.74	224.38	220.15

SEWER DESIGN 91

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
32	86A	58B	186	200	145	227.38	225.69	227.10	224.48
33	58	58B	79	200	145	227.38	225.69	227.10	223.08
34	58B	57	104	200	145	227.38	224.48	226.90	223.28
35	57	61	69	200	145	226.90	223.28	226.48	222.79
36	60	61	48	200	145	226.77	223.01	226.48	224.70
37	61	65	26	200	145	226.48	222.79	226.40	222.67
38	63A	63	87	200	145	226.83	225.06	226.40	222.87
39	63	63B	18	200	145	226.40	222.87	226.40	222.46
40	63A	63B	87	200	145	226.83	225.06	226.40	224.64
41	63B	51C	33	200	145	226.40	222.46	226.33	222.32
42	68	70	224	200	145	227.40	223.80	227.03	224.41
43	69	70	142	200	145	227.13	224.68	227.03	224.72
44	70	80	77	200	145	227.03	224.72	227.05	222.70
45	73	80	180	200	145	227.40	223.80	227.05	223.67
46	73	77	72	300	280	227.05	223.67	227.14	223.58
47	77	79	99	300	280	227.14	223.58	227.12	223.44
48	78	79	73	200	145	227.05	223.58	227.12	224.44
49	79	80	184	300	280	227.12	223.44	227.05	223.70
50	80	82	47	400	370	227.05	222.70	227.07	222.88
51	82	83	176	200	145	227.14	223.43	227.07	224.19
52	82	84	66	400	370	227.07	222.88	227.11	222.37
53	83	84	187	200	145	227.17	223.42	227.11	224.13
54	84	85	78	400	370	227.11	222.37	227.13	222.18
55	85	88	70	200	145	227.18	225.43	227.18	224.56
56	88	89	310	400	370	227.18	223.18	226.94	221.84
57	89	90	130	200	145	227.20	225.43	226.64	221.90

SEWER DESIGN 92

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
1	23	24	90	200	225	224.81	223.06	224.67	222.01
2	22	24	201	200	225	223.38	224.11	224.67	222.32
3	24	28	58	200	225	224.81	222.00	225.50	221.50
4	26	26A	42	200	225	225.30	221.74	225.50	221.50
5	26	26A	35	200	145	225.30	220.81	225.50	220.56
6	26A	19A	41	200	225	225.50	221.06	225.54	220.47
7	19A	21	133	400	400	225.54	220.07	225.57	220.12
8	20	21	71	200	180	226.40	223.65	226.00	222.07
9	21	25	53	400	400	225.57	220.12	226.00	220.12
10	27	28	80	200	180	225.60	224.08	226.00	223.58
11	28A	29	40	200	180	225.41	223.68	225.50	223.54
12	28	29	112	200	180	225.50	223.42	225.50	223.42
13	29	31	57	400	400	225.57	220.56	225.46	220.47
14	30	31	119	200	180	225.70	223.56	225.46	222.21
15	31	32	119	400	400	225.46	220.47	225.37	220.16
16	32	48	286	400	400	225.31	220.16	224.13	219.41
17	40	43	82	200	180	225.10	223.50	225.17	221.75
18	41	42	49	200	180	225.26	223.81	225.17	223.26
19	42	43	68	200	180	225.17	221.71	225.39	221.06
20	38	39	52	200	180	225.17	223.42	225.39	223.29
21	39	43	39	200	180	225.03	221.98	225.39	221.55
22	43	44	40	200	180	225.65	221.38	225.59	221.03
23	44	48	9	200	180	225.59	223.84	225.59	220.88
24	45	46	211	200	225	225.59	220.98	225.10	219.44
25	46	51	98	200	145	225.59	222.21	225.40	220.46
26	50	51	87	200	180	225.50	223.75	225.50	223.63
27	51	53	52	200	180	225.50	220.88	225.50	220.88
28	52	53	57	200	180	225.50	223.80	225.62	223.44
29	53	55	92	200	180	225.62	220.47	225.69	219.84
30	54	55	50	200	180	225.61	223.76	225.69	223.62
31	55	57	121	200	225	225.69	219.84	225.40	219.57
32	56	57	59	200	180	226.55	223.80	225.40	223.70
33	57	63	9	200	225	225.40	219.31	225.40	219.31

SEWER DESIGN 92

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
34	61	62	49	200	180	225.81	223.78	225.43	222.08
35	62	63	87	200	180	225.43	222.08	225.40	221.64
36	63	64	72	200	225	225.40	219.27	225.30	219.08
37	66	68	124	200	225	224.820	221.74	224.8	221.17
38	67	68	43	200	180	224.820	223.08	224.8	222.81
39	68	72	48	200	225	224.8	221.17	224.88	220.86
40	70	72a	31	200	180	224.875	223.13	224.875	223.10
41	71	72a	31	200	180	224.875	222.22	224.88	222.05
42	72A	72B	71	200	180	224.85	223.10	224.86	221.78
43	72B	72	38	300	180	224.86	221.78	224.88	221.61
44	72	75	58	200	225	224.86	220.86	224.85	220.65
45	73	75	88	200	180	224.90	223.05	224.85	222.51
46	74	75	178	200	180	222	223.05	224.88	222.13
47	75	77	60	300	280	224.85	220.68	225.00	220.47
48	77	79	159	300	280	225	220.47	225.2	219.90

SEWER DESIGN 92

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
49	78	79	170	200	180	225.1	223.58	225.2	222.88
50	79	81	88	400	400	225.2	219.90	225.2	219.67
51	80	81	148	200	180	224.8	223.05	225.2	222.13
52	81	83	88	400	400	225.2	219.67	225.47	219.43
53	83	85	131	200	180	225.47	222.67	225.470	222.68
54	83	84	113	400	400	225.470	219.43	226.268	219.66
55	84	85	276	200	180	226.268	219.66	224.911	218.64
56	86	88	74	200	180	224.8	223.18	224.88	221.63
57	87	88	120	200	180	224.8	223.05	224.88	222.20
58	88	90	50	200	180	224.88	220.88	224.85	221.36
59	89	90	26	200	180	224.88	223.82	224.85	223.04
60	90	91	130	200	180	224.75	222.89	224.9	222.17
61	90	98	38	200	180	224.88	221.36	225.1	221.98
62	98	99	180	400	400	225.10	219.44	224.91	219.45
63	91	97	59	200	180	224.75	222.17	224.75	222.12
64	91	126	87	500	500	224.75	218.54	224.75	218.34
65	92	93	103	200	180	224.6	221.14	224.6	220.53
66	93	96	38	200	180	224.6	220.53	224.6	220.30
67	94	95	90	200	180	224.6	223.13	224.6	222.59
68	95	96	45	200	180	224.6	222.10	224.6	221.75
69	96	99	43	200	180	224.6	220.30	224.6	223.02
70	97	98	102	200	180	224.875	219.44	224.6	220.46
71	98	99	40	200	180	224.88	220.10	224.6	220.60
72	99	102	40	200	180	224.6	223.02	224.8	221.77
73	100	103	140	200	180	224.6	223.13	224.8	222.26
74	101	102	44	200	180	224.8	223.08	224.8	222.78
75	102	105	87	200	180	224.8	221.77	224.7	221.34
76	103	105A	62	200	180	224.8	220.15	224.8	220.78
77	105	105A	78	200	180	224.8	223.05	224.8	222.58
78	105A	106	58	200	180	224.8	222.58	224.7	221.94
79	104	106	47	200	180	224.7	223.68	224.7	222.66
80	106	107	44	200	180	224.7	221.94	224.7	221.57
81	107	126	87	200	180	224.7	221.21	224.550	219.99
82	108	118	104	200	180	224.73	223.00	224.37	220.68
83	110	120	17	200	180	224.63	223.42	224.63	220.80
84	119	120	180	200	180	224.86	223.24	224.63	222.12
85	120	122	83	200	225	224.63	220.80	224.566	220.36
86	121	122	14	200	180	224.77	222.02	224.566	222.65
87	122	124	88	200	180	224.566	220.36	224.556	220.06
88	123	124	90	200	180	224.556	222.76	224.556	222.38
89	124	125	6	200	225	224.556	220.06	224.556	219.87
90	125	126	48	400	400	224.556	219.87	224.54	219.33
91	126	127	35	400	370	224.54	219.33	224.54	219.20

SEWER DESIGN 92

Sl. NO.	LINE FROM	LINE TO	Length of line	Dia of Pipe	Slope 1 IN	Levels at Start Ground Lvl at Start	Levels at Start Invert Lvl at Start	Levels at End Ground Lvl at End	Levels at End Invert Lvl at End
			Mtr	MM		mtr	mtr	mtr	mtr
92	127	128	90	400	370	224.54	219.20	224.54	219.04
93	128	129	90	400	370	224.54	219.04	224.54	218.88
94	129	130	90	400	370	224.54	218.88	224.54	218.72
95	130	131	90	400	370	224.54	218.72	224.54	218.56
96	131	132	90	400	370	224.54	218.56	224.54	218.40
97	132	133	90	400	370	224.54	218.40	224.54	218.24
98	133	134	90	400	370	224.54	218.24	224.54	218.08
99	134	135	90	400	370	224.54	218.08	224.54	217.92
100	135	136	90	400	370	224.54	217.92	224.54	217.76
101	136	137	90	400	370	224.54	217.76	224.54	217.60
102	137	138	90	400	370	224.54	217.60	224.54	217.44
103	138	139	90	400	370	224.54	217.44	224.54	217.28
104	139	140	90	400	370	224.54	217.28	224.54	217.12
105	140	141	90	400	370	224.54	217.12	224.54	216.96
106	141	142	90	400	370	224.54	216.96	224.54	216.80
107	142	143	90	400	370	224.54	216.80	224.54	216.64
108	143	144	90	400	370	224.54	216.64	224.54	216.48
109	144	145	90	400	370	224.54	216.48	224.54	216.32
110	145	146	90	400	370	224.54	216.32	224.54	216.16
111	146	147	90	400	370	224.54	216.16	224.54	216.00
112	147	148	90	400	370	224.54	216.00	224.54	215.84
113	148	149	90	400	370	224.54	215.84	224.54	215.68
114	149	150	90	400	370	224.54	215.68	224.54	215.52
115	150	151	90	400	370	224.54	215.52	224.54	215.36
116	151	152	90	400	370	224.54	215.36	224.54	215.20
117	152	153	90	400	370	224.54	215.20	224.54	215.04
118	153	154	90	400	370	224.54	215.04	224.54	214.88
119	154	155	90	400	370	224.54	214.88	224.54	214.72
120	155	156	90	400	370	224.54	214.72	224.54	214.56
121	156	157	90	400	370	224.54	214.56	224.54	214.40
122	157	158	90	400	370	224.54	214.40	224.54	214.24
123	158	159	90	400	370	224.54	214.24	224.54	214.08
124	159	160	90	400	370	224.54	214.08	224.54	213.92
125	160	161	90	400	370	224.54	213.92	224.54	213.76
126	161	162	90	400	370	224.54	213.76	224.54	213.60
127	162	163	90	400	370	224.54	213.60	224.54	213.44
128	163	164	90	400	370	224.54	213.44	224.54	213.28
129	164	165	90	400	370	224.54	213.28	224.54	213.12
130	165	166	90	400	370	224.54	213.12	224.54	212.96
131	166	167	90	400	370	224.54	212.96	224.54	212.80
132	167	168	90	400	370	224.54	212.80	224.54	212.64
133	168	169	90	400	370	224.54	212.64	224.54	212.48
134	169	170	90	400	370	224.54	212.48	224.54	212.32
135	170	171	90	400	370	224.54	212.32	224.54	212.16
136	171	172	90	400	370	224.54	212.16	224.54	212.00
137	172	173	90	400	370	224.54	212.00	224.54	211.84
138	173	174	90	400	370	224.54	211.84	224.54	211.68
139	174	175	90	400	370	224.54	211.68	224.54	211.52
140	175	176	90	400	370	224.54	211.52	224.54	211.36
141	176	177	90	400	370	224.54	211.36	224.54	211.20
142	177	178	90	400	370	224.54	211.20	224.54	211.04
143	178	179	90	400	370	224.54	211.04	224.54	210.88
144	179	180	90	400	370	224.54	210.88	224.54	210.72
145	180	181	90	400	370	224.54	210.72	224.54	210.56
146	181	182	90	400	370	224.54	210.56	224.54	210.40
147	182	183	90	400	370	224.54	210.40	224.54	210.24
148	183	184	90	400	370	224.54	210.24	224.54	210.08
149	184	185	90	400	370	224.54	210.08	224.54	209.92
150	185	186	90	400	370	224.54	209.92	224.54	209.76
151	186	187	90	400	370	224.54	209.76	224.54	209.60
152	187	188	90	400	370	224.54	209.60	224.54	209.44
153	188	189	90	400	370	224.54	209.44	224.54	209.28
154	189	190	90	400	370	224.54	209.28	224.54	209.12
155	190	191	90	400	370	224.54	209.12	224.54	208.96
156	191	192	90	400	370	224.54	208.96	224.54	208.80
157	192	193	90	400	370	224.54	208.80	224.54	208.64
158	193	194	90	400	370	224.54	208.64	224.54	208.48
159	194	195	90	400	370	224.54	208.48	224.54	208.32
160	195	196	90	400	370	224.54	208.32	224.54	208.16
161	196	197	90	400	370	224.54	208.16	224.54	208.00
162	197	198	90	400	370	224.54	208.00	224.54	207.84
163	198	199	90	400	370	224.54	207.84	224.54	207.68
164	199	200	90	400	370	224.54	207.68	224.54	207.52
165	200	201	90	400	370	224.54	207.52	224.54	207.36
166	201	202	90	400	370	224.54	207.36	224.54	207.20
167	202	203	90	400	370	224.54	207.20	224.54	207.04
168	203	204	90	400	370	224.54	207.04	224.54	206.88
169	204	205	90	400	370	224.54	206.88	224.54	206.72
170	205	206	90	400	370	224.54	206.72	224.54	206.56
171	206	207	90	400	370	224.54	206.56	224.54	206.40
172	207	208	90	400	370	224.54	206.40	224.54	206.24
173	208	209	90	400	370	224.54	206.24	224.54	206.08
174	209	210	90	400	370	224.54	206.08	224.54	205.92
175	210	211	90	400	370	224.54	205.92	224.54	205.76
176	211	212	90	400	370	224.54	205.76	224.54	205.60
177	212	213	90	400	370	224.54	205.60	224.54	205.44
178	213	214	90	400	370	224.54	205.44	224.54	205.28
179	214	215	90	400	370	224.54	205.28	224.54	205.12
180	215	216	90	400	370	224.54	205.12	224.54	204.96
181	216	217	90	400	370	224.54	204.96	224.54	204.80
182	217	218	90	400	370	224.54	204.80	224.54	204.64
183	218	219	90	400	370	224.54	204.64	224.54	204.48
184	219	220	90	400	370	224.54	204.48	224.54	204.32
185	220	221	90	400	370	224.54	204.32	224.54	204.16
186	221	222	90	400	370	224.54	204.16	224.54	204.00
187	222	223	90	400	370	224.54	204.00	224.54	203.84
188	223	224	90	400	370	224.54	203.84	224.54	203.68
189	224	225	90	400	370	224.54	203.68	224.54	203.52
190	225	226	90	400	370	224.54	203.52	224.54	203.36
191	226	227	90	400	370	224.54	203.36	224.54	203.20
192	227	228	90	400	370	224.54	203.20	224.54	203.04
193	228	229	90	400	370	224.54	203.04	224.54	202.88
194	229	230	90	400	370	224.54	202.88	224.54	202.72
195	230	231	90	400	370	224.54	202.72	224.54	202.56
196	231	232	90	400	370	224.54	202.56	224.54	202.40
197	232	233	90	400	370	224.54	202.40	224.54	202.24
198	233	234	90	400	370	224.54	202.24	224.54	202.08
199	234	235	90	400	370	224.54	202.08	224.54	201.92
200	235	236	90	400	370	224.54	201.92	224.54	201.76
201	236	237	90	400	370	224.54	201.76	224.54	201.60
202	237	238	90	400	370	224.54	201.60	224.54	201.44
203	238	239	90	400	370	224.54	201.44	224.54	201.28
204	239	240	90	400	370	224.54	201.28	224.54	201.12
205	240	241	90	400	370	224.54	201.12	224.54	200.96
206	241	242	90	400	370	224.54	200.96	224.54	200.80
207	242	243	90	400	370	224.54	200.80	224.54	200.64
208	243	244	90	400	370	224.54	200.64	224.54	200.48
209	244	245	90	400	370	224.54	200.48	224.54	200.32
210	245	246	90	400	370	224.54	200.32