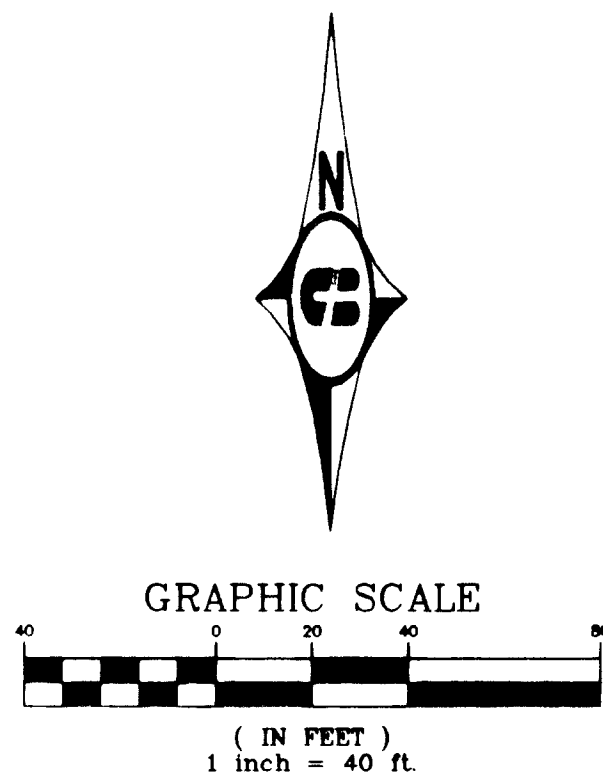


BENCHMARK

CITY OF LAS VEGAS BENCHMARK
OLVD01954 RIVET & PLATE IN TOP OF CURB NW
SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND

2728.37 NAVD 1988 DATUM (831.6074 M)
2726.19 SUMMERLIN DATUM (DESIGN DATUM)

MATCHLINE



ESTIMATED UTILITY QUANTITIES

WATER (PRIVATE FROM FMCT)

10" WATERLINE	1,127 LF.
6" F.H. ASSEMBLY (INCLUDES 8" x 6" TEE AND 6" GATE VALVE)	5 EA.
10" GATE VALVE	2 EA.
8" x 8" TEE WITH THRUST BLOCK	0 EA.
10" 45° BEND WITH THRUST BLOCK	2 EA.
1" WATER SERVICE	98 EA.
CONNECT TO EXISTING	2 EA.
IRRIGATION SLEEVES PER SIS/ U-18	123 LF.
1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE	6 EA.

SEWER

8" SEWER LINE (PUBLIC)	1,650 LF.
4" SEWER LATERAL (PRIVATE)	98 EA.
48" SEWER MANHOLE (PUBLIC)	5 EA.
STREET LIGHT	
SOUTHWEST GAS LAMP	35 EA.
STREET SIGNS	
STOP SIGN (R1-1)	2 EA.
STREET NAME SIGN	4 EA.

UTILITY CONSTRUCTION NOTES

WATER (PRIVATE FROM FMCT)

- 6" F.H. ASSEMBLY (INCLUDES 8" x 6" TEE AND 6" GATE VALVE)
- 10" 45° ELBOW
- CONNECT TO EXISTING 10" WATER MAIN
- 1" WATER SERVICE
- IRRIGATION SLEEVES PER SIS/ U-18
- 1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE
- 10" WATER MAIN
- 10" GATE VALVE

SEWER

- 4" SEWER LATERAL (PRIVATE)
- 8" PVC SEWER (PUBLIC)
- 48" SEWER MANHOLE (PUBLIC)
- EXISTING 4" SEWER LATERAL (PRIVATE)
- EXISTING 1" WATER SERVICE (PRIVATE)
- STREET LIGHT
- GAS LAMP
- STREET SIGNS
- STOP SIGN (R1-1)
- STREET NAME SIGN (D-3)
- NO PARKING. PAINT CURB RED

UTILITY AND SIGN LEGEND

- FIREHYDRANT
- GATE VALVE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- WATER MAIN REDUCER
- GAS LAMP
- EXISTING STREET LIGHT
- SEWER BACKWATER VALVE
- BLOCK NUMBER
- STREET NAME SIGN
- STOP SIGN (R1-1)

REDUCED PRESSURE PRINCIPLE ASSEMBLY

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE, REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

APPROVALS

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.

CLV *[Signature]* FIRE DEPARTMENT 7.26.99 DATE
LAS VEGAS VALLEY WATER DISTRICT DATE

SEWER CONTRIBUTION

212 LOTS
0.053 MGD

DRIVEWAY AND LATERAL STATION TABLE

* ALL STATIONS IN THIS TABLE ARE AT BACK OF CURB

LOT NUMBER	DRIVEWAY CENTERLINE STATION	DRIVEWAY WIDTH	SEWER	
			SEWER LATERAL STATION	WATER LATERAL STATION
1	STA: 16+16.80	16	STA: 15+98.88	STA: 16+03.89
2	STA: 16+44.41	16	STA: 16+29.07	STA: 16+34.11
3	STA: 16+75.43	16	STA: 16+57.29	STA: 16+62.32
4	STA: 17+20.77	16	STA: 17+02.82	STA: 17+07.86
5	STA: 17+48.38	16	STA: 17+33.05	STA: 17+38.09
6	STA: 17+79.40	16	STA: 17+61.26	STA: 17+66.30
7	STA: 18+24.85	16	STA: 18+06.90	STA: 18+11.94
8	STA: 18+52.47	16	STA: 18+42.17	STA: 18+47.13
9	STA: 18+83.48	16	STA: 18+65.34	STA: 18+70.38
10	STA: 17+66.22	16	STA: 17+78.99	STA: 17+83.87
11	STA: 17+38.82	16	STA: 17+49.04	STA: 17+54.04
12	STA: 17+08.04	16	STA: 17+21.04	STA: 17+26.04
13	STA: 16+66.22	16	STA: 16+79.04	STA: 16+84.04
14	STA: 16+38.82	16	STA: 16+49.04	STA: 16+54.04
15	STA: 16+08.04	16	STA: 16+21.04	STA: 16+26.04
16	STA: 15+66.22	16	STA: 15+79.04	STA: 15+84.04
17	STA: 15+38.82	16	STA: 15+49.04	STA: 15+54.04
18	STA: 15+08.04	16	STA: 15+21.04	STA: 15+26.04
19	STA: 14+66.22	16	STA: 14+79.04	STA: 14+84.04
20	STA: 14+38.82	16	STA: 14+49.04	STA: 14+54.04
21	STA: 14+08.04	16	STA: 14+21.04	STA: 14+26.04
22	STA: 13+66.22	16	STA: 13+79.04	STA: 13+84.04
23	STA: 13+38.82	16	STA: 13+49.04	STA: 13+54.04
24	STA: 13+08.04	16	STA: 13+21.04	STA: 13+26.04
25	STA: 12+66.22	16	STA: 12+79.04	STA: 12+84.04
26	STA: 12+38.82	16	STA: 12+49.04	STA: 12+54.04
27	STA: 12+08.04	16	STA: 12+21.04	STA: 12+26.04
28	STA: 11+66.22	16	STA: 11+79.04	STA: 11+84.04
29	STA: 11+38.82	16	STA: 11+49.04	STA: 11+54.04
30	STA: 11+08.04	16	STA: 11+21.04	STA: 11+26.04
31	STA: 10+66.22	16	STA: 10+79.04	STA: 10+84.04
32	STA: 10+38.82	16	STA: 10+49.04	STA: 10+54.04
33	STA: 10+08.04	16	STA: 10+21.04	STA: 10+26.04
34	STA: 9+66.22	16	STA: 9+79.04	STA: 9+84.04
35	STA: 9+38.82	16	STA: 9+49.04	STA: 9+54.04
36	STA: 9+08.04	16	STA: 9+21.04	STA: 9+26.04
37	STA: 8+66.22	16	STA: 8+79.04	STA: 8+84.04
38	STA: 8+38.82	16	STA: 8+49.04	STA: 8+54.04
39	STA: 8+08.04	16	STA: 8+21.04	STA: 8+26.04
40	STA: 7+66.22	16	STA: 7+79.04	STA: 7+84.04
41	STA: 7+38.82	16	STA: 7+49.04	STA: 7+54.04
42	STA: 7+08.04	16	STA: 7+21.04	STA: 7+26.04
43	STA: 6+66.22	16	STA: 6+79.04	STA: 6+84.04
44	STA: 6+38.82	16	STA: 6+49.04	STA: 6+54.04
45	STA: 6+08.04	16	STA: 6+21.04	STA: 6+26.04
46	STA: 5+66.22	16	STA: 5+79.04	STA: 5+84.04
47	STA: 5+38.82	16	STA: 5+49.04	STA: 5+54.04
48	STA: 5+08.04	16	STA: 5+21.04	STA: 5+26.04
49	STA: 4+66.22	16	STA: 4+79.04	STA: 4+84.04
50	STA: 4+38.82	16	STA: 4+49.04	STA: 4+54.04
51	STA: 4+08.04	16	STA: 4+21.04	STA: 4+26.04
52	STA: 3+66.22	16	STA: 3+79.04	STA: 3+84.04
53	STA: 3+38.82	16	STA: 3+49.04	STA: 3+54.04
54	STA: 3+08.04	16	STA: 3+21.04	STA: 3+26.04
55	STA: 2+66.22	16	STA: 2+79.04	STA: 2+84.04
56	STA: 2+38.82	16	STA: 2+49.04	STA: 2+54.04
57	STA: 2+08.04	16	STA: 2+21.04	STA: 2+26.04
58	STA: 1+66.22	16	STA: 1+79.04	STA: 1+84.04
59	STA: 1+38.82	16	STA: 1+49.04	STA: 1+54.04
60	STA: 1+08.04	16	STA: 1+21.04	STA: 1+26.04
61	STA: 0+66.22	16	STA: 0+79.04	STA: 0+84.04
62	STA: 0+38.82	16	STA: 0+49.04	STA: 0+54.04
63	STA: 0+08.04	16	STA: 0+21.04	STA: 0+26.04
64	STA: 16+44.41	16	STA: 16+57.29	STA: 16+62.32
65	STA: 16+75.43	16	STA: 16+84.04	STA: 16+89.04
66	STA: 17+20.77	16	STA: 17+33.05	STA: 17+38.09
67	STA: 17+48.38	16	STA: 17+61.26	STA: 17+66.30
68	STA: 17+79.40	16	STA: 17+84.04	STA: 17+89.04
69	STA: 18+24.85	16	STA: 18+47.13	STA: 18+52.17
70	STA: 18+52.47	16	STA: 18+70.38	STA: 18+75.42
71	STA: 18+83.48	16	STA: 18+93.59	STA: 18+98.63
72	STA: 17+66.22	16	STA: 17+78.99	STA: 17+84.03
73	STA: 17+38.82	16	STA: 17+49.04	STA: 17+54.08
74	STA: 17+08.04	16	STA: 17+21.04	STA: 17+26.08
75	STA: 16+66.22	16	STA: 16+79.04	STA: 16+84.08
76	STA: 16+38.82	16	STA: 16+49.04	STA: 16+54.08
77	STA: 16+08.04	16	STA: 16+21.04	STA: 16+26.08
78	STA: 15+66.22	16	STA: 15+79.04	STA: 15+84.08
79	STA: 15+38.82	16	STA: 15+49.04	STA: 15+54.08
80	STA: 15+08.04	16	STA: 15+21.04	STA: 15+26.08
81	STA: 14+66.22	16	STA: 14+79.04	STA: 14+84.08
82	STA: 14+38.82	16	STA: 14+49.04	STA: 14+54.08
83	STA: 14+08.04	16	STA: 14+21.04	STA: 14+26.08
84	STA: 13+66.22	16	STA: 13+79.04	STA: 13+84.08
85	STA: 13+38.82	16	STA: 13+49.04	STA: 13+54.08
86	STA: 13+08.04	16	STA: 13+21.04	STA: 13+26.08
87	STA: 12+66.22	16	STA: 12+79.04	STA: 12+84.08
88	STA: 12+38.82	16	STA: 12+49.04	STA: 12+54.08
89	STA: 12+08.04	16	STA: 12+21.04	STA: 12+26.08
90	STA: 11+66.22	16	STA: 11+79.04	STA: 11+84.08
91	STA: 11+38.82	16	STA: 11+49.04	STA: 11+54.08
92	STA: 11+08.04	16	STA: 11+21.04	STA: 11+26.08
93	STA: 10+66.22	16	STA: 10+79.04	STA: 10+84.08
94	STA: 10+38.82	16	STA: 10+49.04	STA: 10+54.08
95	STA: 10+08.04	16	STA: 10+21.04	STA: 10+26.08
96	STA: 9+66.22	16	STA: 9+79.04	STA: 9+84.08
97	STA: 9+38.82	16	STA: 9+49.04	STA: 9+54.08
98	STA: 9+08.04	16	STA: 9+21.04	STA: 9+26.08
99	STA: 8+66.22	16	STA: 8+79.04	STA: 8+84.08
100	STA: 8+38.82	16	STA: 8+49.04	STA: 8+54.08
101	STA: 8+08.04	16	STA: 8+21.04	STA: 8+26.08
102	STA: 7+66.22	16	STA: 7+79.04	STA: 7+84.08
103	STA: 7+38.82	16	STA: 7+49.04	STA: 7+54.08
104	STA: 7+08.04	16	STA: 7+21.04	STA: 7+26.08
105	STA: 6+66.22	16	STA: 6+79.04	STA: 6+84.08
106	STA: 6+38.82	16	STA: 6+49.04	STA: 6+54.08
107	STA: 6+08.04	16	STA: 6+21.04	STA: 6+26.08
108	STA: 5+66.22	16	STA: 5+79.04	STA: 5+84.08
109	STA: 5+38.82	16	STA: 5+49.04	STA: 5+54.08
110	STA: 5+08.04	16	STA: 5+21.04	STA: 5+26.08
111	STA: 4+66.22	16	STA: 4+79.04	STA: 4+84.08
112	STA: 4+38.82	16	STA: 4+49.04	STA: 4+54.08
113	STA: 4+08.04	16	STA: 4+21.04	STA: 4+26.08
114	STA: 3+66.22	16	STA: 3+79.04	STA: 3+84.08
115	STA: 3+38.82	16	STA: 3+49.04	STA: 3+54.08
116	STA: 3+08.04	16	STA: 3+21.04	STA: 3+26.08
117	STA: 2+66.22	16	STA: 2+79.04	STA: 2+84.08
118	STA: 2+38.82	16	STA: 2+49.04	STA: 2+54.08
119	STA: 2+08.04	16	STA: 2+21.04	STA: 2+26.08
120	STA: 1+66.22	16	STA: 1+79.04	STA: 1+84.08
121	STA: 1+38.82	16	STA: 1+49.04	STA: 1+54.08
122	STA: 1+08.04	16	STA: 1+21.04	STA: 1+26.08
123	STA: 0+66.22	16	STA: 0+79.04	STA: 0+84.08
124	STA: 0+38.82	16	STA: 0+49.04	STA: 0+54.08
125	STA: 0+08.04	16	STA: 0+21.04	STA: 0+26.08
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129	STA: 17+48.38	16	STA: 17+61.26	STA: 17+66.30
130	STA: 17+79.40	16	STA: 17+84.04	STA: 17+89.04
131	STA: 18+24.85	16	STA: 18+47.13	STA: 18+52.17
132	STA: 18+52.47	16	STA: 18+70.38	STA: 18+75.42
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137	STA: 16+66.22	16	STA: 16+79.04	STA: 16+84.08
138	STA: 16+38.82	16	STA: 16+49.04	STA: 16+54.08
139	STA: 16+08.04	16	STA: 16+21.04	STA: 16+26.08
140	STA: 15+66.22	16	STA: 15+79.04	STA: 15+84.08
141	STA: 15+38.82	16	STA: 15+49.04	STA: 15+54.08
142	STA: 15+08.04	16	STA: 15+21.04	STA: 15+26.08
143	STA: 14+66.22	16	STA: 14+79.04	STA: 14+84.08
144	STA: 14+38.82	16	STA: 14+49.04	STA: 14+54.08
145	STA: 14+08.04	16	STA: 14+21.04	STA: 14+26.08
146	STA: 13+66.22	16	STA: 13+79.04	STA: 13+84.08
147	STA: 13+38.82	16	STA: 13+49.04	STA: 13+54.08
148	STA: 13+08.04	16	STA: 13+21.04	STA: 13+26.08
149	STA: 12+66.22	16	STA: 12+79.04	STA: 12+84.08
150	STA: 12+38.82	16	STA: 12+49.04	STA: 12+54.08
151	STA: 12+08.04	16	STA: 12+21.04	STA: 12+26.08
152	STA: 11+66.22	16	STA: 11+79.04	STA: 11+84.08
153	STA: 11+38.82	16	STA: 11+49.04	STA: