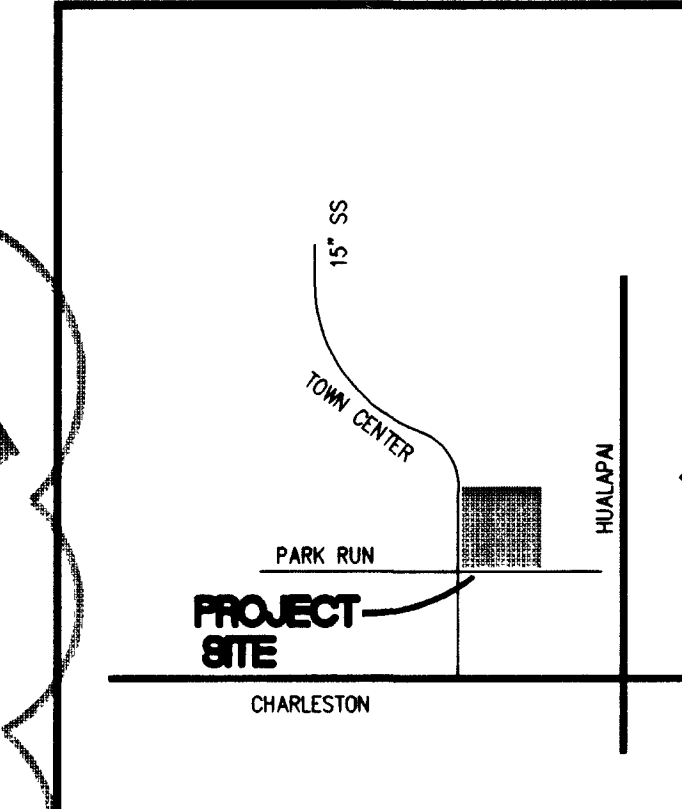
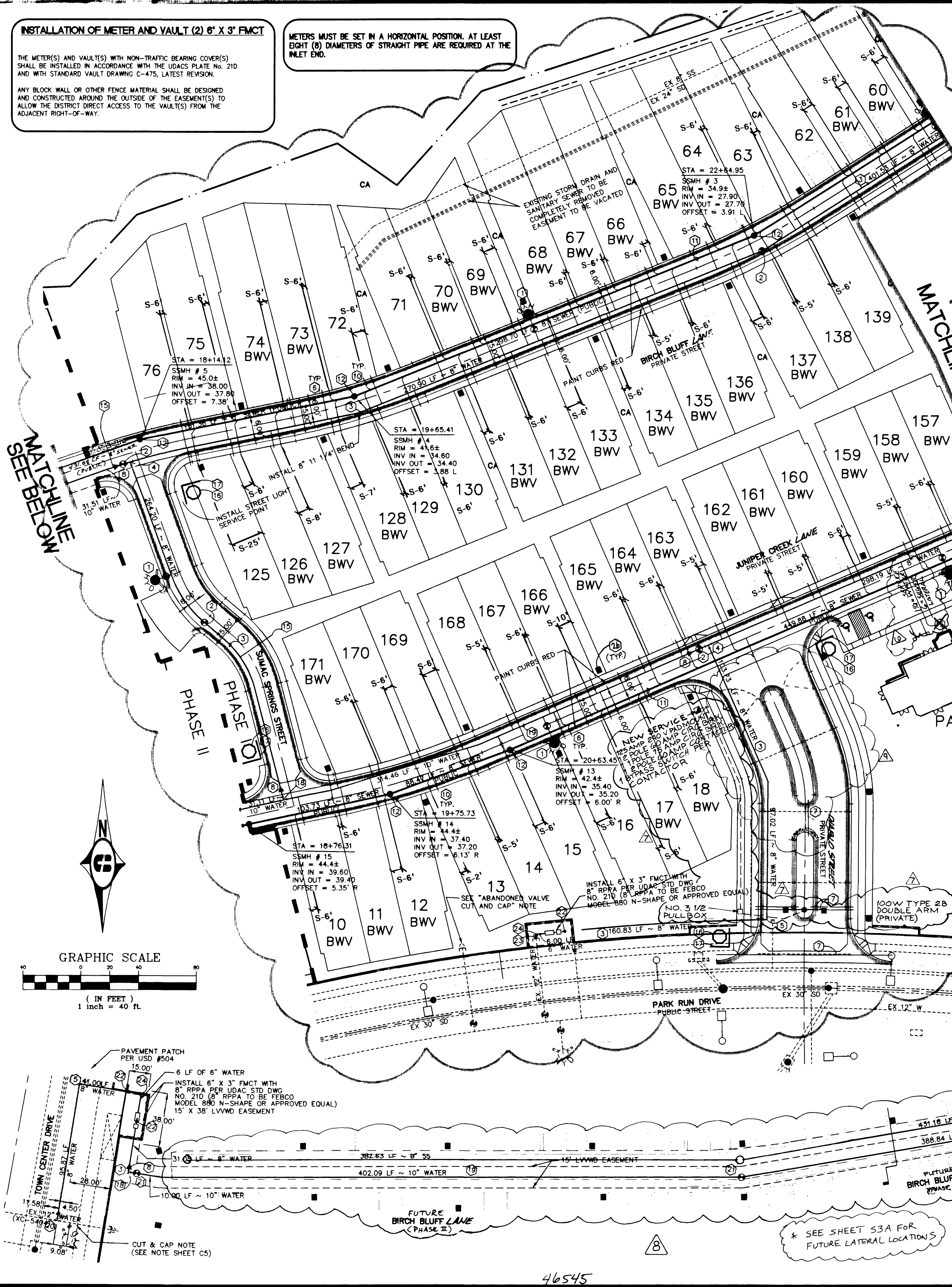


INSTALLATION OF METER AND VAULT (2) 6' X 3' FMCT

THE METER(S) AND VAULT(S) WITH NON-TRAFFIC BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 210 AND WITH STANDARD VAULT DRAWING C-475, LATEST REVISION.

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

METERS MUST BE SET IN A HORIZONTAL POSITION, AT LEAST EIGHT (8) DIAMETERS OF STRAIGHT PIPE ARE REQUIRED AT THE INLET END.

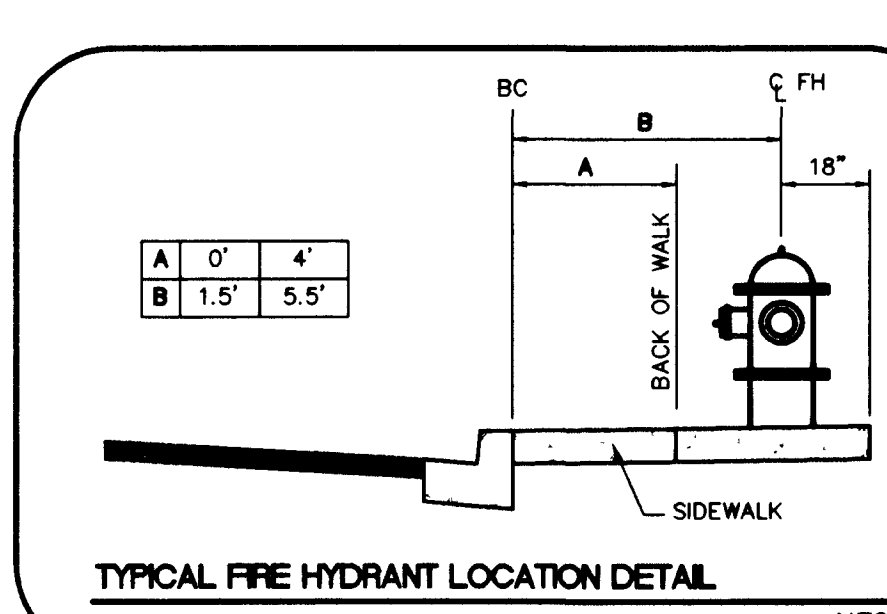


DRIVEWAY AND LATERAL STATION TABLE			
* ALL STATIONS IN THIS TABLE ARE AT BACK OF CURB			
LOT NUMBER	DRIVEWAY CENTERLINE STATION	SEWER LATERAL STATION	WATER LATERAL STATION
10	STA: 19+26.74	STA: 19+08.78	STA: 19+13.82
11	STA: 19+53.78	STA: 19+38.93	STA: 19+43.81
12	STA: 19+83.83	STA: 19+71.20	STA: 19+66.10
13	STA: 20+02.00	STA: 20+02.77	STA: 20+07.56
14	STA: 20+46.88	STA: 20+31.98	STA: 20+36.86
15	STA: 20+77.66	STA: 20+64.66	STA: 20+59.66
16	STA: 21+18.64	STA: 21+01.66	STA: 21+06.66
17	STA: 21+46.88	STA: 21+31.66	STA: 21+36.66
18	STA: 21+77.66	STA: 21+59.66	STA: 21+64.66
19	STA: 22+08.64	STA: 21+89.47	STA: 21+94.47
20	STA: 22+39.64	STA: 22+19.47	STA: 22+24.47
21	STA: 22+70.64	STA: 22+49.47	STA: 22+54.47
22	STA: 23+01.64	STA: 22+79.47	STA: 22+84.47
23	STA: 23+32.64	STA: 23+09.47	STA: 23+14.47
24	STA: 23+63.64	STA: 23+39.47	STA: 23+44.47
25	STA: 23+94.64	STA: 23+69.47	STA: 23+74.47
26	STA: 24+25.64	STA: 23+99.47	STA: 24+04.47
27	STA: 24+56.64	STA: 24+29.47	STA: 24+34.47
28	STA: 24+87.64	STA: 24+59.47	STA: 24+64.47
29	STA: 25+18.64	STA: 24+89.47	STA: 24+94.47
30	STA: 25+49.64	STA: 25+19.47	STA: 25+24.47
31	STA: 25+80.64	STA: 25+49.47	STA: 25+54.47
32	STA: 26+11.64	STA: 25+79.47	STA: 25+84.47
33	STA: 26+42.64	STA: 26+09.47	STA: 26+14.47
34	STA: 26+73.64	STA: 26+39.47	STA: 26+44.47
35	STA: 27+04.64	STA: 26+69.47	STA: 26+74.47
36	STA: 27+35.64	STA: 26+99.47	STA: 27+04.47
37	STA: 27+66.64	STA: 27+29.47	STA: 27+34.47
38	STA: 27+97.64	STA: 27+59.47	STA: 27+64.47
39	STA: 28+28.64	STA: 27+89.47	STA: 27+94.47
40	STA: 28+59.64	STA: 28+19.47	STA: 28+24.47
41	STA: 28+90.64	STA: 28+49.47	STA: 28+54.47
42	STA: 29+21.64	STA: 28+79.47	STA: 28+84.47
43	STA: 29+52.64	STA: 29+09.47	STA: 29+14.47
44	STA: 29+83.64	STA: 29+39.47	STA: 29+44.47
45	STA: 30+14.64	STA: 29+69.47	STA: 29+74.47
46	STA: 30+45.64	STA: 29+99.47	STA: 30+04.47
47	STA: 30+76.64	STA: 30+29.47	STA: 30+34.47
48	STA: 31+07.64	STA: 30+59.47	STA: 30+64.47
49	STA: 31+38.64	STA: 30+89.47	STA: 30+94.47
50	STA: 31+69.64	STA: 31+19.47	STA: 31+24.47
51	STA: 32+00.64	STA: 31+49.47	STA: 31+54.47
52	STA: 32+31.64	STA: 31+79.47	STA: 31+84.47
53	STA: 32+62.64	STA: 32+09.47	STA: 32+14.47
54	STA: 32+93.64	STA: 32+39.47	STA: 32+44.47
55	STA: 33+24.64	STA: 32+69.47	STA: 32+74.47
56	STA: 33+55.64	STA: 32+99.47	STA: 33+04.47
57	STA: 33+86.64	STA: 33+29.47	STA: 33+34.47
58	STA: 34+17.64	STA: 33+59.47	STA: 33+64.47
59	STA: 34+48.64	STA: 33+89.47	STA: 33+94.47
60	STA: 34+79.64	STA: 34+19.47	STA: 34+24.47
61	STA: 35+10.64	STA: 34+49.47	STA: 34+54.47
62	STA: 35+41.64	STA: 34+79.47	STA: 34+84.47
63	STA: 35+72.64	STA: 35+09.47	STA: 35+14.47
64	STA: 36+03.64	STA: 35+39.47	STA: 35+44.47
65	STA: 36+34.64	STA: 35+69.47	STA: 35+74.47
66	STA: 36+65.64	STA: 35+99.47	STA: 36+04.47
67	STA: 36+96.64	STA: 36+29.47	STA: 36+34.47
68	STA: 37+27.64	STA: 36+59.47	STA: 36+64.47
69	STA: 37+58.64	STA: 36+89.47	STA: 36+94.47
70	STA: 37+89.64	STA: 37+19.47	STA: 37+24.47
71	STA: 38+20.64	STA: 37+49.47	STA: 37+54.47
72	STA: 38+51.64	STA: 37+79.47	STA: 37+84.47
73	STA: 38+82.64	STA: 38+09.47	STA: 38+14.47
74	STA: 39+13.64	STA: 38+39.47	STA: 38+44.47
75	STA: 39+44.64	STA: 38+69.47	STA: 38+74.47
76	STA: 39+75.64	STA: 38+99.47	STA: 39+04.47
77	STA: 40+06.64	STA: 39+29.47	STA: 39+34.47
78	STA: 40+37.64	STA: 39+59.47	STA: 39+64.47
79	STA: 40+68.64	STA: 39+89.47	STA: 39+94.47
80	STA: 40+99.64	STA: 40+19.47	STA: 40+24.47
81	STA: 41+30.64	STA: 40+49.47	STA: 40+54.47
82	STA: 41+61.64	STA: 40+79.47	STA: 40+84.47
83	STA: 41+92.64	STA: 41+09.47	STA: 41+14.47
84	STA: 42+23.64	STA: 41+39.47	STA: 41+44.47
85	STA: 42+54.64	STA: 41+69.47	STA: 41+74.47
86	STA: 42+85.64	STA: 41+99.47	STA: 42+04.47
87	STA: 43+16.64	STA: 42+29.47	STA: 42+34.47
88	STA: 43+47.64	STA: 42+59.47	STA: 42+64.47
89	STA: 43+78.64	STA: 42+89.47	STA: 42+94.47
90	STA: 44+09.64	STA: 43+19.47	STA: 43+24.47
91	STA: 44+40.64	STA: 43+49.47	STA: 43+54.47
92	STA: 44+71.64	STA: 43+79.47	STA: 43+84.47
93	STA: 45+02.64	STA: 44+09.47	STA: 44+14.47
94	STA: 45+33.64	STA: 44+39.47	STA: 44+44.47
95	STA: 45+64.64	STA: 44+69.47	STA: 44+74.47
96	STA: 45+95.64	STA: 44+99.47	STA: 45+04.47
97	STA: 46+26.64	STA: 45+29.47	STA: 45+34.47
98	STA: 46+57.64	STA: 45+59.47	STA: 45+64.47
99	STA: 46+88.64	STA: 45+89.47	STA: 45+94.47
100	STA: 47+19.64	STA: 46+19.47	STA: 46+24.47
101	STA: 47+50.64	STA: 46+49.47	STA: 46+54.47
102	STA: 47+81.64	STA: 46+79.47	STA: 46+84.47
103	STA: 48+12.64	STA: 47+09.47	STA: 47+14.47
104	STA: 48+43.64	STA: 47+39.47	STA: 47+44.47
105	STA: 48+74.64	STA: 47+69.47	STA: 47+74.47
106	STA: 49+05.64	STA: 47+99.47	STA: 48+04.47
107	STA: 49+36.64	STA: 48+29.47	STA: 48+34.47
108	STA: 49+67.64	STA: 48+59.47	STA: 48+64.47
109	STA: 49+98.64	STA: 48+89.47	STA: 48+94.47
110	STA: 50+29.64	STA: 49+19.47	STA: 49+24.47
111	STA: 50+60.64	STA: 49+49.47	STA: 49+54.47
112	STA: 50+91.64	STA: 49+79.47	STA: 49+84.47
113	STA: 51+22.64	STA: 50+09.47	STA: 50+14.47
114	STA: 51+53.64	STA: 50+39.47	STA: 50+44.47
115	STA: 51+84.64	STA: 50+69.47	STA: 50+74.47
116	STA: 52+15.64	STA: 50+99.47	STA: 51+04.47
117	STA: 52+46.64	STA: 51+29.47	STA: 51+34.47
118	STA: 52+77.64	STA: 51+59.47	STA: 51+64.47
119	STA: 53+08.64	STA: 51+89.47	STA: 51+94.47
120	STA: 53+39.64	STA: 52+19.47	STA: 52+24.47
121	STA: 53+70.64	STA: 52+49.47	STA: 52+54.47
122	STA: 54+01.64	STA: 52+79.47	STA: 52+84.47
123	STA: 54+32.64	STA: 53+09.47	STA: 53+14.47
124	STA: 54+63.64	STA: 53+39.47	STA: 53+44.47
125	STA: 54+94.64	STA: 53+69.47	STA: 53+74.47
126	STA: 55+25.64	STA: 53+99.47	STA: 54+04.47
127	STA: 55+56.64	STA: 54+29.47	STA: 54+34.47
128	STA: 55+87.64	STA: 54+59.47	STA: 54+64.47
129	STA: 56+18.64	STA: 54+89.47	STA: 54+94.47
130	STA: 56+49.64	STA: 55+19.47	STA: 55+24.47
131	STA: 56+80.64	STA: 55+49.47	STA: 55+54.47
132	STA: 57+11.64	STA: 55+79.47	STA: 55+84.47
133	STA: 57+42.64	STA: 56+09.47	STA: 56+14.47
134	STA: 57+73.64	STA: 56+39.47	STA: 56+44.47
135	STA: 58+04.64	STA: 56+69.47	STA: 56+74.47
136	STA: 58+35.64	STA: 56+99.47	STA: 57+04.47
137	STA: 58+66.64	STA: 57+29.47	STA: 57+34.47
138	STA: 58+97.64	STA: 57+59.47	STA: 57+64.47
139	STA: 59+28.64	STA: 57+89.47	STA: 57+94.47
140	STA: 59+59.64	STA: 58+19.47	STA: 58+24.47
141	STA: 59+90.64	STA: 58+49.47	STA: 58+54.47
142	STA: 60+21.64	STA: 58+79.47	STA: 58+84.47
143	STA: 60+52.64	STA: 59+09.47	STA: 59+14.47
144	STA: 60+83.64	STA: 59+39.47	STA: 59+44.47
145	STA: 61+14.64	STA: 59+69.47	STA: 59+74.47
146	STA: 61+45.64	STA: 59+99.47	STA: 60+04.47
147	STA: 61+76.64	STA: 60+29.47	STA: 60+34.47
148	STA: 62+07.64	STA: 60+59.47	STA: 60+64.47
149	STA: 62+38.64	STA: 60+89.47	STA: 60+94.47
150	STA: 62+69.64	STA: 61+19.47	STA: 61+24.47
151	STA: 63+00.64	STA: 61+49.47	STA: 61+54.47
152	STA: 63+31.64	STA: 61+79.47	STA: 61+84.47
153	STA: 63+62.64	STA: 62+09.47	STA: 62+14.47
154	STA: 63+93.64	STA: 62+39.47	STA: 62+44.47
155	STA: 64+24.64	STA: 62+69.47	STA: 62+74.47
156	STA: 64+55.64	STA: 62+99.47	STA: 63+04.47
157	STA: 64+86.64	STA: 63+29.47	STA: 63+34.47
158	STA: 65+17.64	STA: 63+59.47	STA: 63+64.47
159	STA: 65+48.64	STA: 63+89.47	STA: 63+94.47
160	STA: 65+79.64	STA: 64+19.47	STA: 64+24.47
161	STA: 66+10.64	STA: 64+49.47	STA: 64+54.47
162	STA: 66+41.64	STA: 64+79.47	STA: 64+84.47
163	STA: 66+72.64	STA: 65+09.47	STA: 65+14.47
164	STA: 67+03.64	STA: 65+39.47	STA: 65+44.47
165	STA: 67+34.64	STA: 65+69.47	STA: 65+74.47
166	STA: 67+65.64	STA: 65+99.47	STA: 66+04.47
167	STA: 67+96.64	STA: 66+29.47	STA: 66+34.47
168	STA: 68+27.64	STA: 66+59.47	STA: 66+64.47
169	STA: 68+58.64	STA: 66+89.47	STA: 66+94.47
170	STA: 68+89.64	STA: 67+19.47	STA: 67+24.47
171	STA: 69+20.64	STA: 67+49.47	STA: 67+54.47

FIRE HYDRANT INSTALLATION

FIRE HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7.

FOR DRIVEWAY AND LATERAL STATIONS FOR LOTS 77 THROUGH 124 SEE SHEET 33A.



- WATER UTILITY CONSTRUCTION NOTES**
- 1" 6" F.H. ASSEMBLY (INCLUDES 8" x 6" TEE AND 6" GATE VALVE)
 - 2" 8" GATE VALVE
 - 3" 8" WATER MAIN
 - 4" 8" x 8" x 8" TEE WITH THRUST BLOCK
 - 5" 8" 90° BEND WITH THRUST BLOCK
 - 6" 1" WATER SERVICE
 - 7" IRRIGATION SLEEVES PER SIS# U-18
 - 8" 8" x 10" REDUCER
 - 9" 8" 18" FABRICATED BEND
 - 10" 1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE
 - 11" 10" GATE VALVE
 - 12" 8" x 6" REDUCER
 - 13" 2" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE
- WATER**
- 14" 10" x 10" x 10" TEE W/THRUST BLOCK
 - 15" 10" WATER MAIN
 - 16" 12" x 8" TAPPING TEE AND VALVE
 - 17" 12" x 6" REDUCER
 - 18" 6" 90° BEND
- SEWER**
- 19" 4" SEWER LATERAL
 - 20" 8" SEWER
 - 21" 48" SEWER MANHOLE
- STREET WORK**
- 22" 3" 1/2" PULLBOX
 - 23" 1 1/4" CONDUIT WITH 2" 1/4" AND 1" 1/2" CONDUIT
 - 24" STREET SIGNS
 - 25" STOP SIGN (R-1)
 - 26" STREET NAME SIGN (D-3)

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: [Signature] DATE: 1-29-99
LAS VEGAS VALLEY WATER DISTRICT: [Signature] DATE: 2-09-99

ABANDONED VALVE CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3' BEYOND THE ABANDONED VALVE AND INSTALL A CAP, WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (2) 8"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 118. 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 DIRECTLY OUTSIDE OF THE EASEMENT(S) TO ALLOW DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

CITY OF LAS VEGAS FIRE DEPARTMENT FIRE FLOW DATA

TYPE OF CONSTRUCTION	V-N
NO. OF STORIES	2