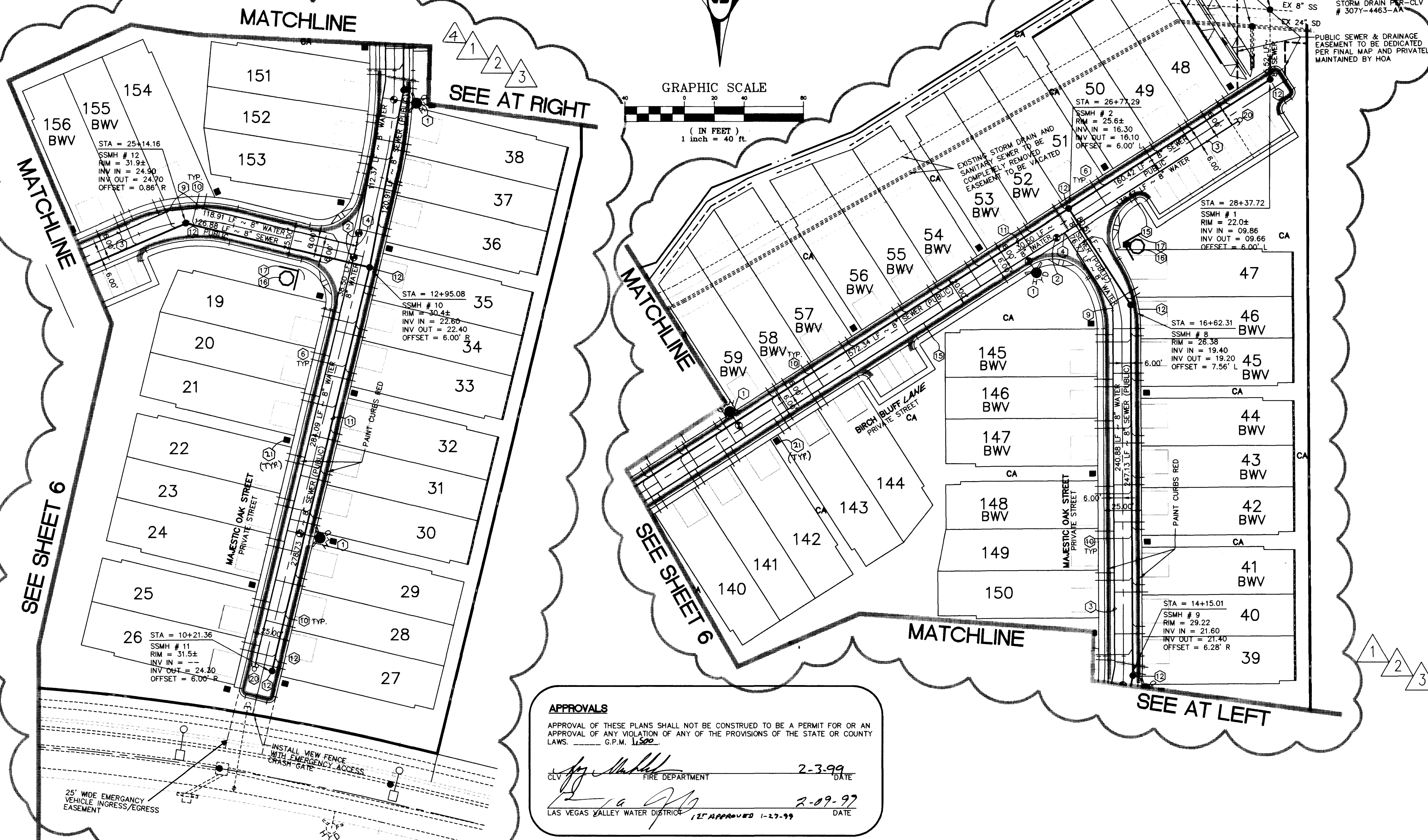
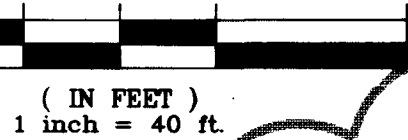


SEWER CONTRIBUTION

212 LOTS
0.53 MGD



GRAPHIC SCALE



DRIVEWAY AND LATERAL STATION TABLE

* ALL STATIONS IN THIS TABLE ARE AT BACK OF CURB

LOT NUMBER	DRIVEWAY		SEWER		WATER	
	CENTERLINE STATION	DRIVEWAY WIDTH	LATERAL STATION	LATERAL STATION	LATERAL STATION	LATERAL STATION
19	STA: 12+45.57	16	STA: 12+55.87	STA: 12+60.73	STA: 12+60.73	
20	STA: 12+16.17	16	STA: 12+25.87	STA: 12+30.73	STA: 12+30.73	
21	STA: 11+85.39	16	STA: 11+97.87	STA: 12+05.73	STA: 12+05.73	
22	STA: 11+43.57	16	STA: 11+55.87	STA: 11+60.73	STA: 11+60.73	
23	STA: 11+16.17	16	STA: 11+25.87	STA: 11+30.73	STA: 11+30.73	
24	STA: 10+85.39	16	STA: 10+97.87	STA: 11+02.73	STA: 11+02.73	
25	STA: 10+43.88	16	STA: 10+55.87	STA: 10+60.73	STA: 10+60.73	
26	STA: 10+13.70	16	STA: 10+25.87	STA: 10+30.73	STA: 10+30.73	
27	STA: 10+36.17	16	STA: 10+23.36	STA: 10+19.36	STA: 10+19.36	
28	STA: 10+63.58	16	STA: 10+53.36	STA: 10+48.36	STA: 10+48.36	
29	STA: 10+94.36	16	STA: 10+81.36	STA: 10+78.36	STA: 10+78.36	
30	STA: 11+36.17	16	STA: 11+23.36	STA: 11+18.36	STA: 11+18.36	
31	STA: 11+63.58	16	STA: 11+53.36	STA: 11+48.36	STA: 11+48.36	
32	STA: 11+94.36	16	STA: 11+81.36	STA: 11+78.36	STA: 11+78.36	
33	STA: 12+36.17	16	STA: 12+23.36	STA: 12+18.36	STA: 12+18.36	
34	STA: 12+63.58	16	STA: 12+53.36	STA: 12+48.36	STA: 12+48.36	
35	STA: 12+94.36	16	STA: 12+81.36	STA: 12+78.36	STA: 12+78.36	
36	STA: 13+36.17	16	STA: 13+23.36	STA: 13+18.36	STA: 13+18.36	
37	STA: 13+62.01	16	STA: 13+52.36	STA: 13+48.36	STA: 13+48.36	
38	STA: 13+90.59	16	STA: 13+75.42	STA: 13+60.73	STA: 13+60.73	
39	STA: 14+30.60	16	STA: 14+16.30	STA: 14+21.04	STA: 14+21.04	
40	STA: 14+58.00	16	STA: 14+47.78	STA: 14+42.78	STA: 14+42.78	
41	STA: 14+88.78	16	STA: 14+75.78	STA: 14+70.78	STA: 14+70.78	
42	STA: 15+30.60	16	STA: 15+17.78	STA: 15+17.78	STA: 15+17.78	
43	STA: 15+58.00	16	STA: 15+47.78	STA: 15+42.78	STA: 15+42.78	
44	STA: 15+88.78	16	STA: 15+75.78	STA: 15+70.78	STA: 15+70.78	
45	STA: 16+30.60	16	STA: 16+17.78	STA: 16+17.78	STA: 16+17.78	
46	STA: 16+54.99	16	STA: 16+42.78	STA: 16+42.78	STA: 16+42.78	
47	STA: 16+75.54	16	STA: 16+67.20	STA: 16+72.20	STA: 16+72.20	
48	STA: 17+86.64	16	STA: 17+74.46	STA: 17+69.46	STA: 17+69.46	
49	STA: 18+54.99	16	STA: 18+42.78	STA: 18+42.78	STA: 18+42.78	
50	STA: 19+28.46	16	STA: 19+16.46	STA: 19+16.46	STA: 19+16.46	
51	STA: 20+86.64	16	STA: 20+74.46	STA: 20+69.46	STA: 20+69.46	
52	STA: 21+59.24	16	STA: 21+46.46	STA: 21+46.46	STA: 21+46.46	
53	STA: 22+28.46	16	STA: 22+16.46	STA: 22+16.46	STA: 22+16.46	
54	STA: 22+96.64	16	STA: 22+84.46	STA: 22+79.46	STA: 22+79.46	
55	STA: 23+59.24	16	STA: 23+46.46	STA: 23+46.46	STA: 23+46.46	
56	STA: 24+28.46	16	STA: 24+16.46	STA: 24+16.46	STA: 24+16.46	
57	STA: 24+96.64	16	STA: 24+84.46	STA: 24+79.46	STA: 24+79.46	
58	STA: 25+59.24	16	STA: 25+46.46	STA: 25+46.46	STA: 25+46.46	
59	STA: 26+28.46	16	STA: 26+16.46	STA: 26+16.46	STA: 26+16.46	
140	STA: 23+54.91	16	STA: 23+37.09	STA: 23+42.09	STA: 23+42.09	
141	STA: 23+82.31	16	STA: 23+67.09	STA: 23+72.09	STA: 23+72.09	
142	STA: 24+13.09	16	STA: 23+95.09	STA: 24+00.09	STA: 24+00.09	
143	STA: 24+52.91	16	STA: 24+40.09	STA: 24+35.09	STA: 24+35.09	
144	STA: 24+83.09	16	STA: 24+65.09	STA: 24+70.09	STA: 24+70.09	
145	STA: 16+25.97	16	STA: 16+38.78	STA: 16+43.78	STA: 16+43.78	
146	STA: 15+98.56	16	STA: 16+08.78	STA: 16+13.78	STA: 16+13.78	
147	STA: 15+67.78	16	STA: 15+80.78	STA: 15+85.78	STA: 15+85.78	
148	STA: 15+23.97	16	STA: 15+36.78	STA: 15+46.78	STA: 15+46.78	
149	STA: 14+96.56	16	STA: 15+06.78	STA: 14+16.78	STA: 14+16.78	
150	STA: 14+71.03	16	STA: 14+84.03	STA: 14+89.03	STA: 14+89.03	
151	STA: 14+12.11	16	STA: 14+28.88	STA: 14+25.32	STA: 14+25.32	
152	STA: 13+80.97	16	STA: 13+96.73	STA: 13+91.47	STA: 13+91.47	
153	STA: 13+47.08	16	STA: 13+67.30	STA: 13+62.24	STA: 13+62.24	
154	STA: 25+11.95	16	STA: 25+21.95	STA: 25+27.20	STA: 25+27.20	
155	STA: 24+87.92	16	STA: 25+01.78	STA: 24+96.73	STA: 24+96.73	
156	STA: 24+58.12	16	STA: 24+76.12	STA: 24+71.12	STA: 24+71.12	

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. G.P.M. 1,500

CLV: *[Signature]* FIRE DEPARTMENT 2-3-99 DATE
[Signature] 2-09-99 DATE
 LAS VEGAS VALLEY WATER DISTRICT 12" APPROVED 1-29-99 DATE

UTILITY AND SIGN LEGEND

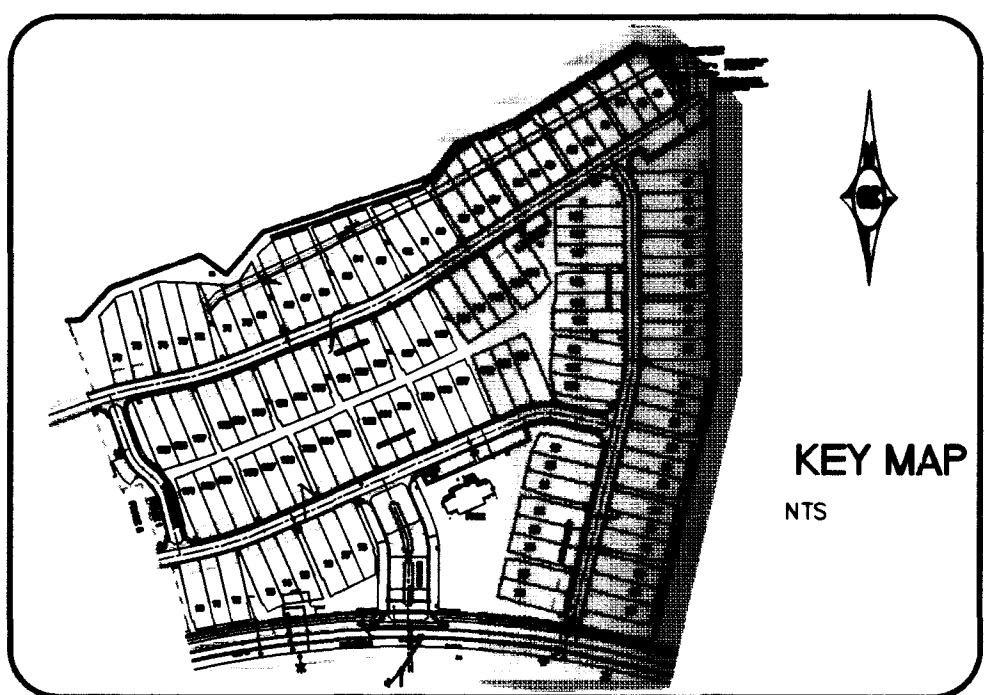
- FIREHYDRANT
- GATE VALVE
- SEWER MANHOLE
- STORM DRAIN MANHOLE
- WATER MAIN REDUCER
- GAS LAMP
- 1/2" PULLBOX
- 100W STREET LIGHT
- STREET LIGHT CONDUIT
- STREET LIGHT SERVICE POINT
- SEWER BACKWATER VALVE
- BLOCK NUMBER
- STREET NAME SIGN
- STOP SIGN (R1-1)

UTILITY CONSTRUCTION NOTES

- WATER**
- 6" F.H. ASSEMBLY (INCLUDES 6" x 8" TEE AND 6" GATE VALVE)
 - 8" GATE VALVE
 - 8" WATER MAIN
 - 8" x 8" TEE WITH THRUST BLOCK
 - 8" 90° BEND WITH THRUST BLOCK
 - 1" WATER SERVICE
 - IRRIGATION SLEEVES PER SIS# U-18
 - 8" x 10" REDUCER
 - 8" 33' FABRICATED BEND
 - 1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE
- WATER**
- 10" x 10" x 10" TEE W/THRUST BLOCK
 - 10" WATER MAIN
 - INSTALL BLOWOFF ASSEMBLY
 - 4" SEWER LATERAL
 - 8" SEWER
 - 48" SEWER MANHOLE
- SEWER**
- 1" WATER SERVICE
 - 8" x 8" TEE WITH THRUST BLOCK
 - 8" 90° BEND WITH THRUST BLOCK
 - 37" FABRICATED BEND
 - 8" x 10" REDUCER
 - 6" x 3" FMCT WITH 8" RPPA PER UDACS STD DWG NO. 210
 - 1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE
 - 10" x 10" x 10" TEE W/THRUST BLOCK
 - BLOWOFF ASSEMBLY
 - 10" GATE VALVE
- STREET LIGHT**
- 1 1/2" PULLBOX
 - 1 1/2" CONDUIT WITH 2 #4 AND 1 #8 CONDUCTOR
 - 1 1/2" CONDUIT WITH 2 #4 AND 1 #8 CONDUCTOR
 - STOP SIGN (R1-1)
 - STOP SIGN (R1-1)
 - STREET NAME SIGN (D-3)

ESTIMATED UTILITY QUANTITIES

WATER (PUBLIC)		WATER (PUBLIC)	
6" WATER	20 EA	12" x 6" REDUCER	1 EA
8" WATERLINE	2,376.29 LF	6" 90° BEND	2 EA
10" WATERLINE	1,180 LF	6" x 8" REDUCER	3 EA
6" F.H. ASSEMBLY (INCLUDES 8" x 6" TEE AND 6" GATE VALVE)	8 EA	6" x 3" FMCT	2 EA
8" GATE VALVE	8 EA	8" RPPA	2 EA
8" x 8" TEE WITH THRUST BLOCK	6 EA	12" x 8" TAPPING SLEEVE & VALVE	1 EA
8" 90° BEND WITH THRUST BLOCK	2 EA		
1" WATER SERVICE	114 EA	SEWER (PUBLIC)	
8" x 8" TEE WITH THRUST BLOCK	1 EA	8" SEWER LINE	2,732.36 LF
IRRIGATION SLEEVES PER SIS# U-18	140 LF	48" MANHOLE	13 EA
37" FABRICATED BEND	2 EA	4" SEWER LATERAL	117 EA
8" x 10" REDUCER	3 EA	BWV	56 EA
6" x 3" FMCT WITH 8" RPPA PER UDACS STD DWG NO. 210	2 EA	STREET LIGHT (PRIVATE)	
1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE	5 EA	SOUTHWEST GAS LAMPS	50 EA
10" x 10" x 10" TEE W/THRUST BLOCK	2 EA	1 1/2" PULLBOX	11 EA
BLOWOFF ASSEMBLY	2 EA	1 1/2" CONDUIT WITH 2 #4 AND 1 #8 CONDUCTOR	3,408 LF
10" GATE VALVE	2 EA	NEW SERVICE POINT	
		STOP SIGN (R1-1)	5 EA
		STREET NAME SIGN	5 EA



DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Avoid cutting underground utility lines. It's costly. Call before you dig. 1-800-227-2600 (toll-free) (UTILITY SERVICE) (USA)

Avoid overhead power line contact. Call before you Overhead. 1-702-593-6111 (toll-free) (UTILITY SERVICE) (USA)

Pulte Homes
 An American Favorite

Carlter Burgess
 2955 East Sunset Road, Suite 05
 Las Vegas, NV 89120
 (702) 798-1007 Fax (702) 798-7056

UTILITY PLAN

COTTONWOOD TERRACE PHASE I

SCALE: 1"=40' N/A

1/29/99

SHEET C7

7 OF 19 SHEETS

DRAWING NO. 307Y-4596-1

THIS IS A RE-LOT

