

BENCHMARK
 CITY OF LAS VEGAS BENCHMARK
 OLVD01954 R/W & PLATE IN TOP OF CURB NW
 SIDE OF TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND
 2728.37 NAVD 1988 DATUM (831.6074 M)
 2728.19 SUMMERLIN DATUM (DESIGN DATUM)

ESTIMATED UTILITY QUANTITIES

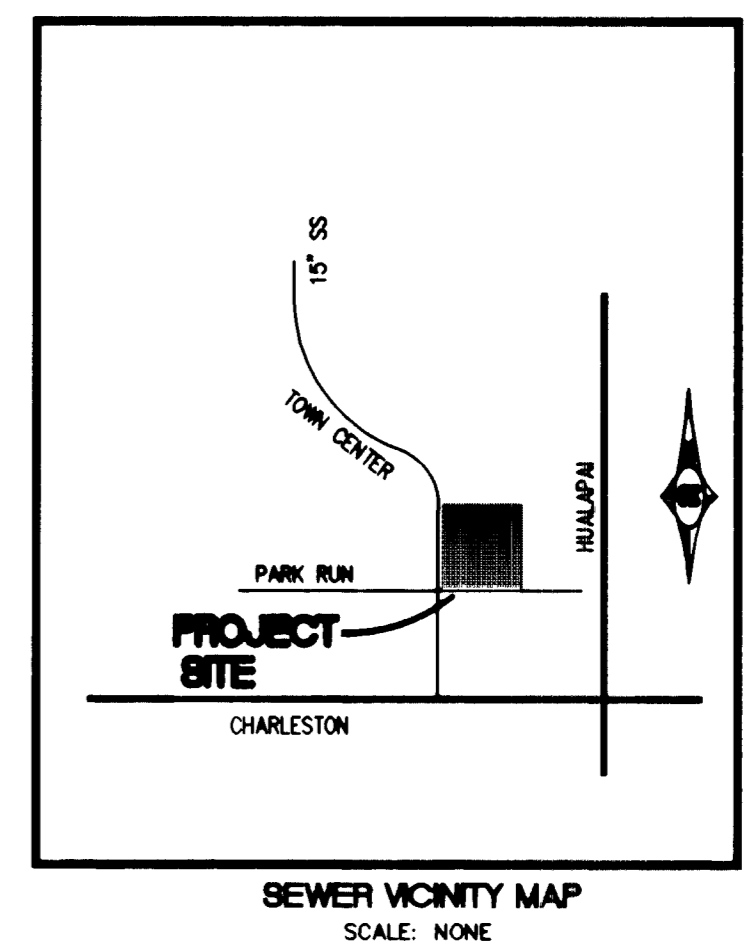
WATER (PRIVATE FROM FMCT)		SEWER	
10" WATERLINE	1,127 LF.	8" SEWER LINE (PUBLIC) STATION	1,650 LF.
6" F.H. ASSEMBLY (INCLUDES 8"x 6" TEE AND 6" GATE VALVE)	5 EA.	4" SEWER LATERAL (PRIVATE)	98 EA.
10" GATE VALVE	2 EA.	48" SEWER MANHOLE (PUBLIC)	5 EA.
8"x 8" TEE WITH THRUST BLOCK	0 EA.	STREET LIGHT	
10" 45° BEND WITH THRUST BLOCK	2 EA.	SOUTHWEST GAS LAMP	35 EA.
1" WATER SERVICE	98 EA.	STREET SIGNS	
CONNECT TO EXISTING	2 EA.	STOP SIGN (R1-1)	2 EA.
IRRIGATION SLEEVES PER SIS# U-18	123 LF.	STREET NAME SIGN	4 EA.
1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE	6 EA.		

DRIVEWAY AND LATERAL STATION TABLE
 * ALL STATIONS IN THIS TABLE ARE AT BACK OF CURB

LOT NUMBER	DRIVEWAY		SEWER	
	CENTERLINE STATION	WIDTH	LATERAL STATION	WATER LATERAL STATION
1	STA: 16+16.80	16	STA: 15+08.88	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+29.29	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+37.13
9	STA: 18+83.48	16	STA: 18+65.34	STA: 18+70.39
77	STA: 17+66.22	16	STA: 17+78.99	STA: 17+83.87
78	STA: 17+38.82	16	STA: 17+49.04	STA: 17+54.04
79	STA: 17+08.04	16	STA: 17+21.04	STA: 17+26.04
80	STA: 16+66.22	16	STA: 16+78.04	STA: 16+84.04
81	STA: 16+38.82	16	STA: 16+49.04	STA: 16+54.04
82	STA: 16+08.04	16	STA: 16+21.04	STA: 16+26.04
83	STA: 15+66.22	16	STA: 15+78.04	STA: 15+84.04
84	STA: 15+38.82	16	STA: 15+49.04	STA: 15+54.04
85	STA: 15+08.04	16	STA: 15+21.04	STA: 15+26.04
86	STA: 14+66.54	16	STA: 14+79.35	STA: 14+84.35
87	STA: 14+39.13	16	STA: 14+49.35	STA: 14+54.35
88	STA: 14+07.92	16	STA: 14+21.25	STA: 14+26.35
113	STA: 14+06.70	16	STA: 13+89.15	STA: 13+94.04
114	STA: 14+33.50	16	STA: 14+18.45	STA: 14+23.33
115	STA: 14+64.28	16	STA: 14+46.28	STA: 14+51.28
116	STA: 15+06.10	16	STA: 14+93.28	STA: 14+88.28
117	STA: 15+33.50	16	STA: 15+18.28	STA: 15+23.28
118	STA: 15+64.28	16	STA: 15+46.28	STA: 15+51.28
119	STA: 16+06.10	16	STA: 15+93.28	STA: 15+88.28
120	STA: 16+33.50	16	STA: 16+18.28	STA: 16+23.28
121	STA: 16+64.28	16	STA: 16+46.28	STA: 16+51.28
122	STA: 17+06.10	16	STA: 16+93.28	STA: 16+88.28
123	STA: 17+33.50	16	STA: 17+18.39	STA: 17+23.39
124	STA: 17+64.28	16	STA: 17+46.28	STA: 17+51.28
172	STA: 18+57.65	16	STA: 18+25.38	STA: 18+70.41
173	STA: 18+30.52	16	STA: 18+45.60	STA: 18+40.64
174	STA: 18+00.03	16	STA: 18+17.81	STA: 18+12.84
175	STA: 17+59.64	16	STA: 17+77.39	STA: 17+72.42
176	STA: 17+32.51	16	STA: 17+47.61	STA: 17+42.64
177	STA: 17+02.03	16	STA: 17+19.81	STA: 17+14.85
178	STA: 16+62.88	16	STA: 16+80.42	STA: 16+75.46
179	STA: 16+35.54	16	STA: 16+50.64	STA: 16+45.68
180	STA: 16+05.06	16	STA: 16+21.85	STA: 16+17.89
181	STA: 15+63.98	16	STA: 15+81.07	STA: 15+76.07
182	STA: 15+35.85	16	STA: 15+51.07	STA: 15+46.07
183	STA: 15+05.07	16	STA: 15+23.07	STA: 15+18.07

- UTILITY CONSTRUCTION NOTES**
- | WATER (PRIVATE FROM FMCT) | SEWER |
|---|---------------------------------------|
| ① 6" F.H. ASSEMBLY (INCLUDES 8"x 6" TEE AND 6" GATE VALVE) | ④ 4" SEWER LATERAL (PRIVATE) |
| ② 10" 45° ELBOW | ⑩ 8" PVC SEWER (PUBLIC) |
| ③ CONNECT TO EXISTING 10" WATER MAIN | ⑪ 48" SEWER MANHOLE (PUBLIC) |
| ④ 1" WATER SERVICE | ⑬ EXISTING 4" SEWER LATERAL (PRIVATE) |
| ⑤ IRRIGATION SLEEVES PER SIS# U-18 | ⑭ EXISTING 1" WATER SERVICE (PRIVATE) |
| ⑥ 1" WATER SERVICE WITH RPPA PER UDACS PLATE NO. 10 AND IRRIGATION POWER SOURCE | STREET LIGHT |
| ⑦ 10" WATER MAIN | ⑫ GAS LAMP |
| ⑧ 10" GATE VALVE | STREET SIGNS |
| | ⑬ STOP SIGN (R1-1) |
| | ⑭ STREET NAME SIGN (D-3) |
| | ⑮ NO PARKING, PAINT CURB RED |

- UTILITY AND SIGN LEGEND**
- ⊗ FIREHYDRANT
 - ⊙ GATE VALVE
 - SSM# SEWER MANHOLE
 - SDM# STORM DRAIN MANHOLE
 - ▶ WATER MAIN REDUCER
 - GAS LAMP
 - EXISTING STREET LIGHT
 - BWV SEWER BACKWATER VALVE
 - ① BLOCK NUMBER
 - ┌ STREET NAME SIGN
 - STOP SIGN (R1-1)



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. If's costly.
Call you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call you Overhead
 1-702-593-6111
 REMOTE POWER CORPORATION AND SAFETY SERVICES (RSC)

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.

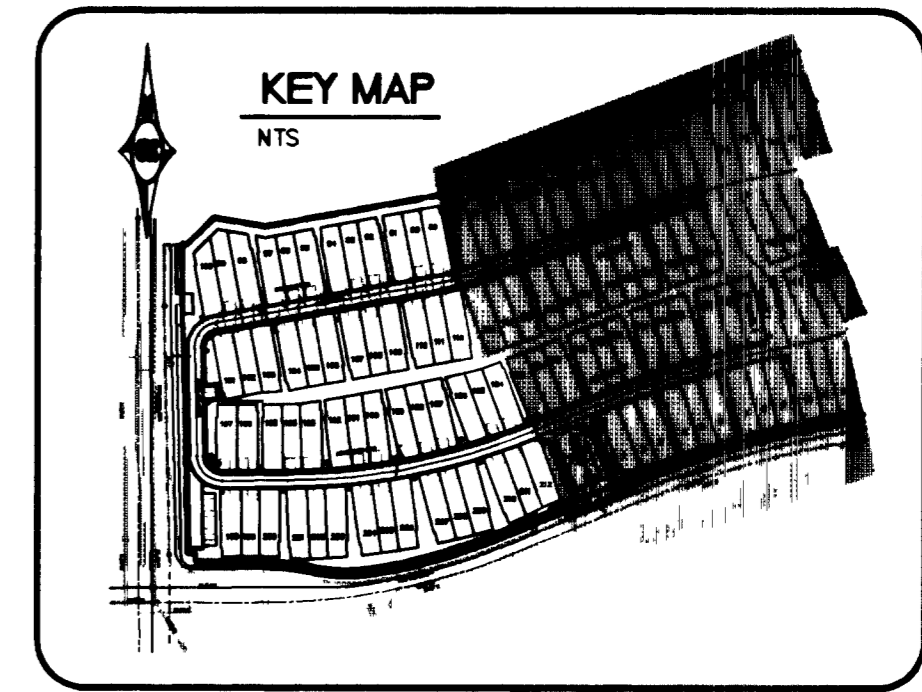
APPROVALS

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



ADDED PRIVATE STREET LIGHT AT ENTRY

7-16-99

REVISION

DATE BY

Pulte Homes
 An American Favorite

Carter Burgess
 6655 Bermuda Road
 Las Vegas, NV 89118
 Consultants in Planning, Engineering, Architecture, Construction Management, and Related Services
 (702) 938-5400 Fax: (702) 938-5454

UTILITY PLAN

COTTONWOOD TERRACE PHASE II

DRAWN BY: ECS

DESIGNED BY: ECS

CHECKED BY: BUT

PROJECT NO: 13898

SCALE: 1"=40' HORIZ. VERT. N/A

SHEET **C7**
 7 OF 14 SHEETS
 DRAWING NO. 307Y-4596-2

