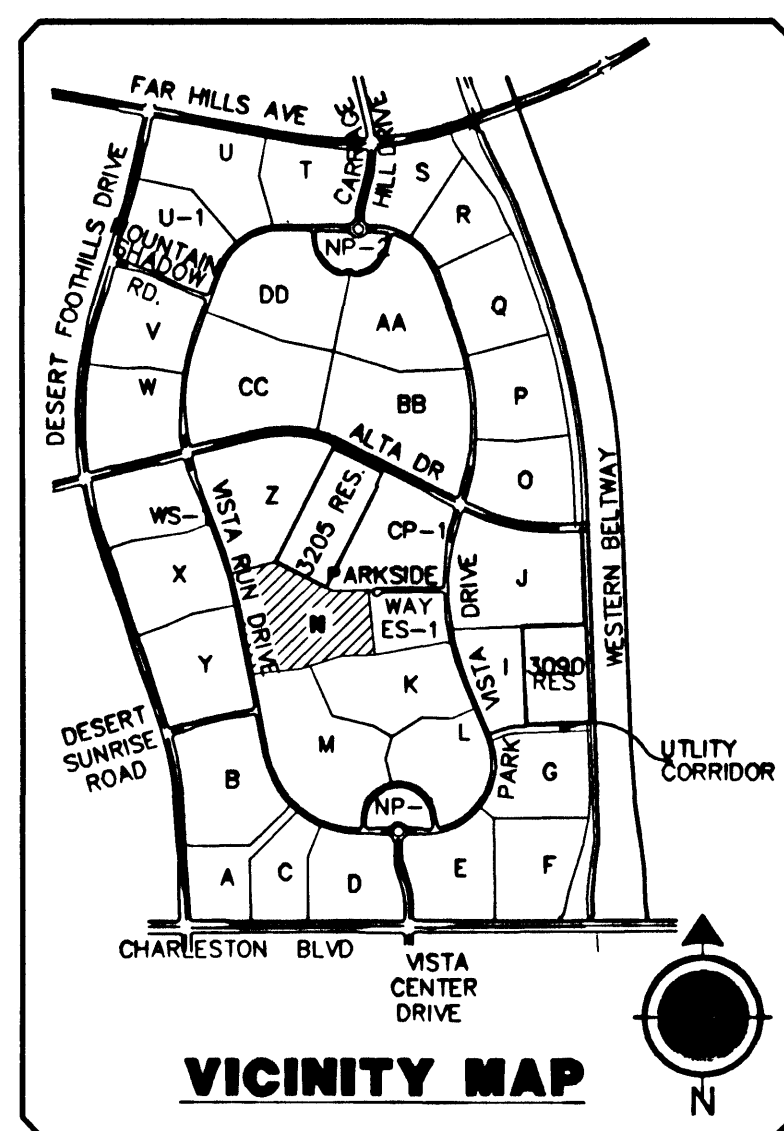
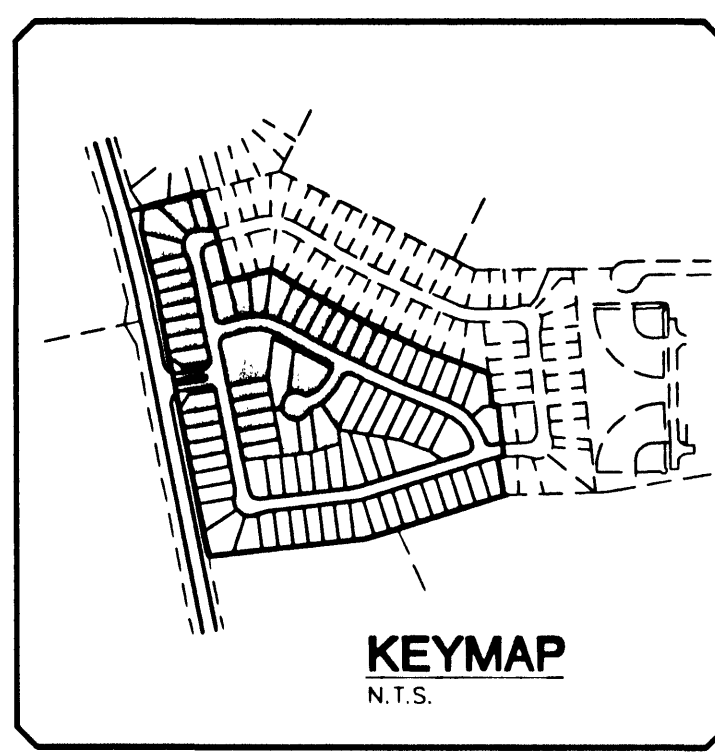
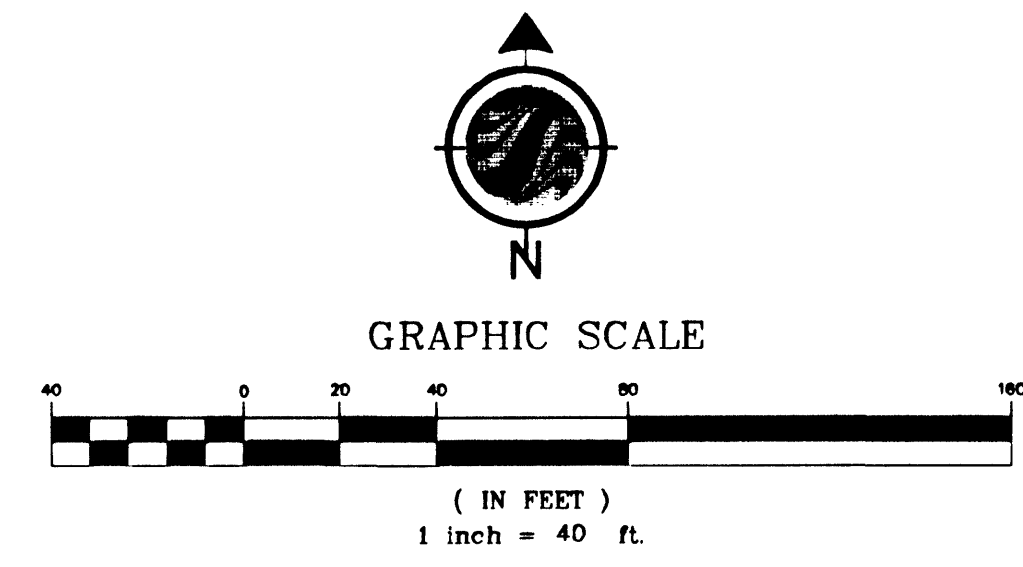
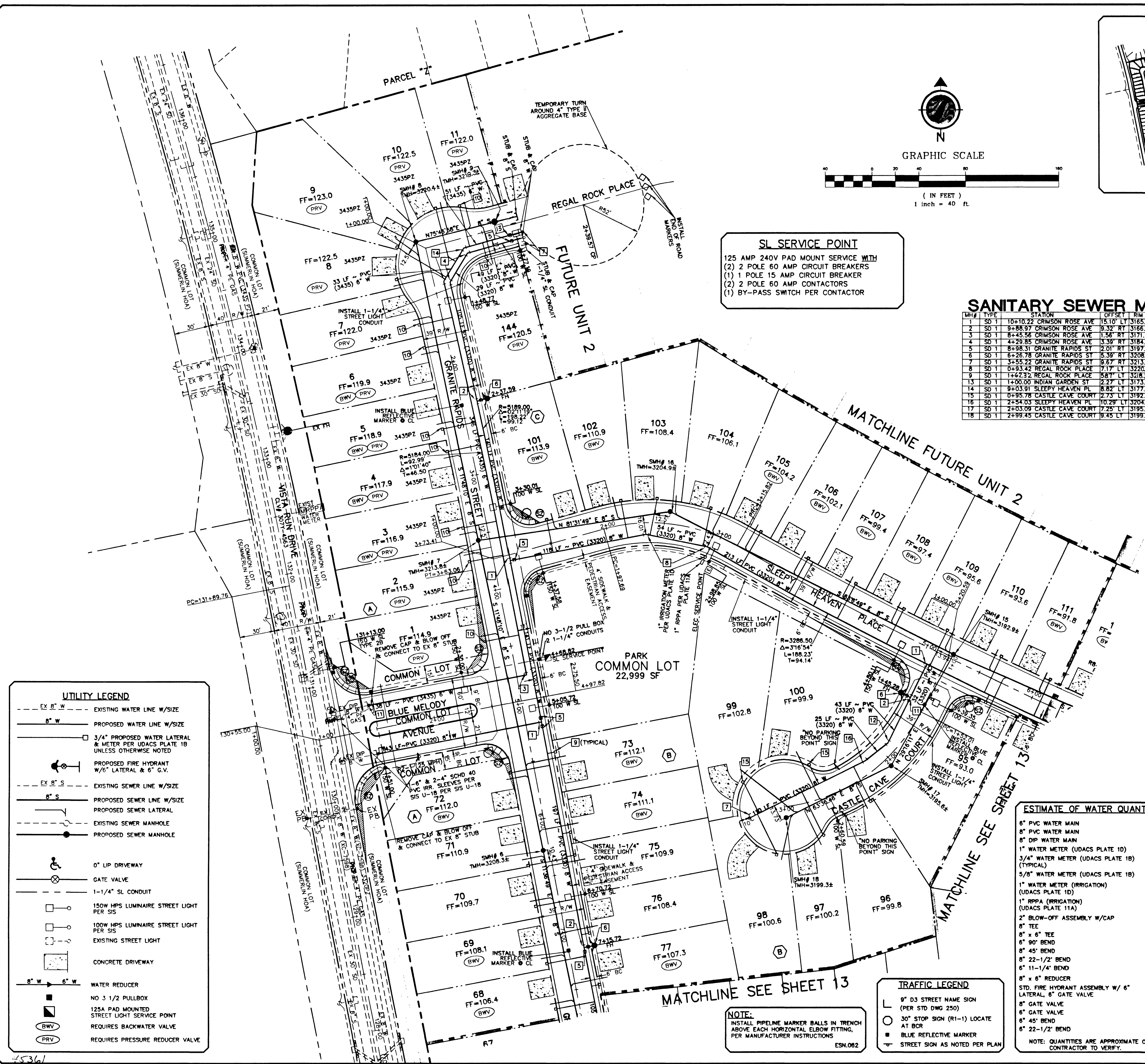




SL SERVICE POINT
125 AMP 240V PAD MOUNT SERVICE WITH
(2) 2 POLE 60 AMP CIRCUIT BREAKERS
(1) 1 POLE 15 AMP CIRCUIT BREAKER
(2) 2 POLE 60 AMP CONTACTORS
(1) BY-PASS SWITCH PER CONTACTOR

SANITARY SEWER MANHOLE SCHEDULE									
MANHOLE	TYPE	STATION	OFFSET	FIN. EL.	IN. INV. EL.	5' INV. EL.	10' INV. EL.	15' INV. EL.	COMMENTS
1	SD 1	10+10.22 CRIMSON ROSE AVE	15.10' RT	3165.84	3153.26	3153.06	3153.26	3153.06	
2	SD 1	9+88.97 CRIMSON ROSE AVE	9.32' RT	3166.54	3155.65	3155.65	3155.65	3155.05	
3	SD 1	6+45.36 CRIMSON ROSE AVE	1.56' RT	3171.72	3165.10	3164.90	3165.10	3165.05	
4	SD 1	4+29.85 CRIMSON ROSE AVE	3.39' RT	3184.04	3174.69	3174.69	3174.69	3174.69	
5	SD 1	8+98.31 GRANITE RAPIDS ST	2.01' RT	3197.54	3189.74	3189.54	3189.74	3189.54	
6	SD 1	6+26.78 GRANITE RAPIDS ST	5.39' RT	3208.34	3201.60	3201.40	3201.60	3201.40	
7	SD 1	4+55.22 GRANITE RAPIDS ST	8.67' RT	3213.84	3207.50	3207.30	3207.50	3207.30	
8	SD 1	0+93.42 REGAL ROCK PLACE	7.17' LT	3220.44	3210.32	3210.32	3210.32	3210.32	
9	SD 1	1+62.32 REGAL ROCK PLACE	5.87' LT	3218.34	3210.60	3210.60	3210.60	3210.60	TWO-WAY TERMINAL MH
13	SD 1	1+00.00 INDIAN GARDEN ST	2.27' LT	3173.54	3165.71	3165.91	3165.71	3165.91	
14	SD 1	9+03.91 SLEEPY HEAVEN PL	8.82' LT	3177.34	3170.30	3170.50	3170.30	3170.50	
15	SD 1	0+95.78 CASTLE CAVE COURT	2.72' LT	3192.94	3185.90	3186.10	3185.90	3186.10	
16	SD 1	2+54.03 SLEEPY HEAVEN PL	10.29' LT	3204.94	3197.18	3197.38	3197.18	3197.38	
17	SD 1	2+03.09 CASTLE CAVE COURT	7.25' LT	3195.64	3188.60	3188.80	3188.60	3188.80	
18	SD 1	2+99.45 CASTLE CAVE COURT	9.45' LT	3199.34	3192.30	3192.50	3192.30	3192.50	

- WATER FITTINGS LEGEND:**
- 1 8" TEE
 - 2 8"x6" TEE
 - 3 6" 90° BEND
 - 4 6" 45° BEND
 - 5 6" GATE VALVE
 - 6 FIRE HYDRANT ASSY. PER UDACS PLATE 7
 - 7 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE 4
 - 8 6" 22-1/2" BEND
 - 9 3/4" WATER METER PER UDACS PLATE 1B (TYPICAL)
 - 10 5/8" WATER METER PER UDACS PLATE 1B
 - 11 8"x6" REDUCER
 - 12 6" 22-1/2" BEND
 - 13 6" GATE VALVE
 - 14 6" 45° BEND
 - 15 1" WATER METER PER UDACS PLATE 1D
 - 16 6" 11-1/4" BEND

LOTS 1-11, 144
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE) PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.
ESN.041

DAILY SEWER CONTRIBUTION
AVERAGE FLOWS = 0.0360 MGD
PEAK FLOWS = 0.1260 MGD

Call before you Dig.
1-800-227-2600
1-702-593-6111

BASIS OF BEARING
CONTROL MONUMENTS 208, 209 AND 211 AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, IN FILE 92, PAGE 42 OF SURVEYS

BENCHMARK
CITY OF LAS VEGAS BENCHMARK # 0LV09 36NWS
RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF PAVILION CENTER AND GREENMOOR.
ELEVATION = 927.9652 METERS (NAVD 88)
ELEVATION = 3044.50 US FEET (NAVD 88)

REDUCED PRESSURE PRINCIPAL ASSEMBLY (1) 1"
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 THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

APPROVALS
Robert Bell 9-27-02
CITY FIRE MARSHAL DATE
LAS VEGAS VALLEY WATER DISTRICT DATE

ESTIMATE OF WATER QUANTITIES	
6" PVC WATER MAIN	745 L.F.
8" PVC WATER MAIN	3240 L.F.
8" DIP WATER MAIN	169 L.F.
1" WATER METER (UDACS PLATE 1D)	2 EA.
3/4" WATER METER (UDACS PLATE 1B) (TYPICAL)	75 EA.
5/8" WATER METER (UDACS PLATE 1B)	8 EA.
1" WATER METER (IRRIGATION) (UDACS PLATE 1D)	1 EA.
1" RPPA (IRRIGATION) (UDACS PLATE 11A)	1 EA.
2" BLOW-OFF ASSEMBLY W/CAP	4 EA.
8" TEE	5 EA.
8" x 6" TEE	6 EA.
8" 90° BEND	1 EA.
8" 45° BEND	10 EA.
8" 22-1/2" BEND	4 EA.
6" 11-1/4" BEND	1 EA.
8" x 6" REDUCER	2 EA.
STD. FIRE HYDRANT ASSEMBLY W/ 6" LATERAL, 6" GATE VALVE	6 EA.
6" GATE VALVE	7 EA.
6" 45° BEND	1 EA.
6" 22-1/2" BEND	2 EA.

NOTE: QUANTITIES ARE APPROXIMATE ONLY- CONTRACTOR TO VERIFY.

TRAFFIC LEGEND
9" D3 STREET NAME SIGN (PER STD DWG 250)
30" STOP SIGN (R1-1) LOCATE AT BCR
BLUE REFLECTIVE MARKER
STREET SIGN AS NOTED PER PLAN

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS
ESN.062

- UTILITY LEGEND**
- EX 8" W --- EXISTING WATER LINE W/SIZE
 - 8" W --- PROPOSED WATER LINE W/SIZE
 - 3/4" PROPOSED WATER LATERAL & METER PER UDACS PLATE 1B UNLESS OTHERWISE NOTED
 - PROPOSED FIRE HYDRANT W/6" LATERAL & 6" G.V.
 - EX 8" S --- EXISTING SEWER LINE W/SIZE
 - 8" S --- PROPOSED SEWER LINE W/SIZE
 - PROPOSED SEWER LATERAL
 - EXISTING SEWER MANHOLE
 - PROPOSED SEWER MANHOLE
 - 0" LIP DRIVEWAY
 - GATE VALVE
 - 1-1/4" SL CONDUIT
 - 150W HPS LUMINAIRE STREET LIGHT PER SIS
 - 100W HPS LUMINAIRE STREET LIGHT PER SIS
 - EXISTING STREET LIGHT
 - CONCRETE DRIVEWAY
 - 8" W --- 6" W WATER REDUCER
 - NO 3 1/2 PULLBOX
 - 125A PAD MOUNTED STREET LIGHT SERVICE POINT
 - REQUIRES BACKWATER VALVE
 - REQUIRES PRESSURE REDUCER VALVE

DATE: 9/26/2002
S.D.: S.D.
DRAWN BY: T.M.G.
DESIGNED BY: R.P.S.
CHECKED BY: R.P.S.
ADA CHECKED: NA
JOB NO.: 88147052
SCALE: 1" = 40'

Stantec Consulting Inc.
7231 West Charleston Blvd.
Las Vegas NV 89117
Tel: 702.258.0115
Fax: 702.258.4956
www.stantec.com

Pulte
1633 VILLAGE CENTER CIRCLE, SUITE 250
LAS VEGAS, NEVADA 89134
(702) 258-7900

PULTE HOMES
HILLSTONE AT THE SUMMERLIN VISTAS
UTILITY, TRAFFIC & STREET LIGHTING PLAN 1

PROFESSIONAL ENGINEER - STATE OF NEVADA
RICHARD P. SENECA
EXP. 10-30-04
CIVIL
11752

SHEET
12
OF 14
C.L.V. DWG #
307Y-4723-1