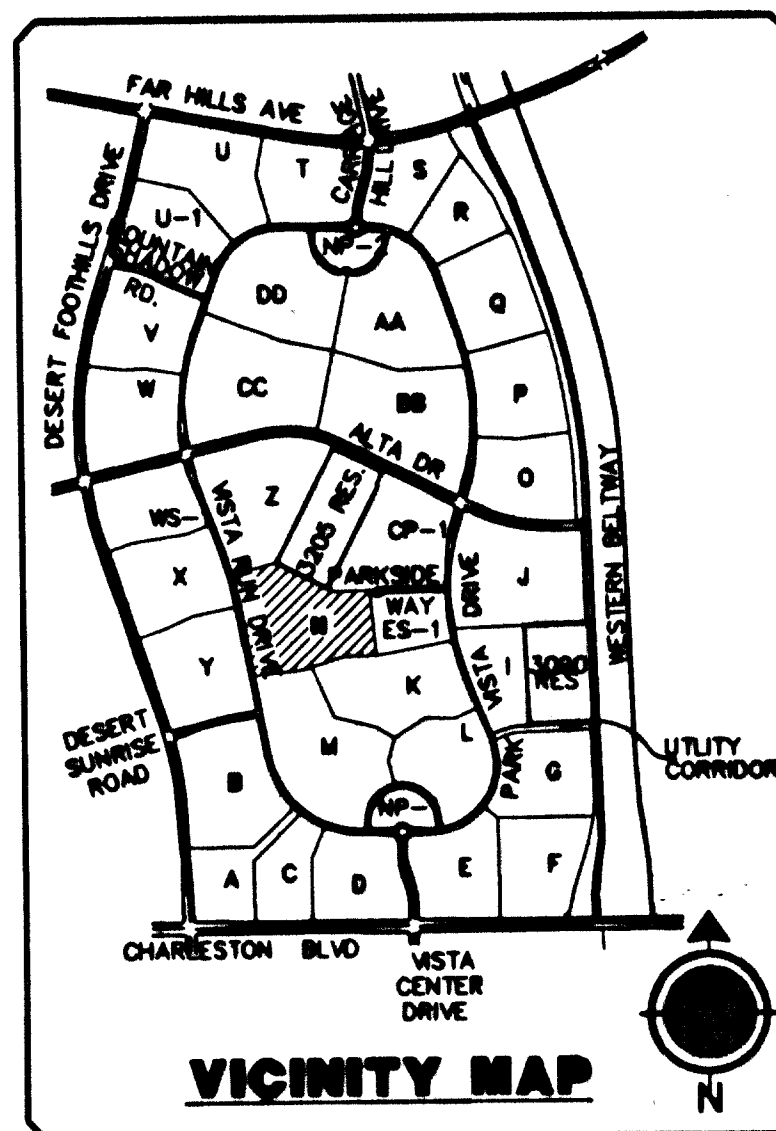
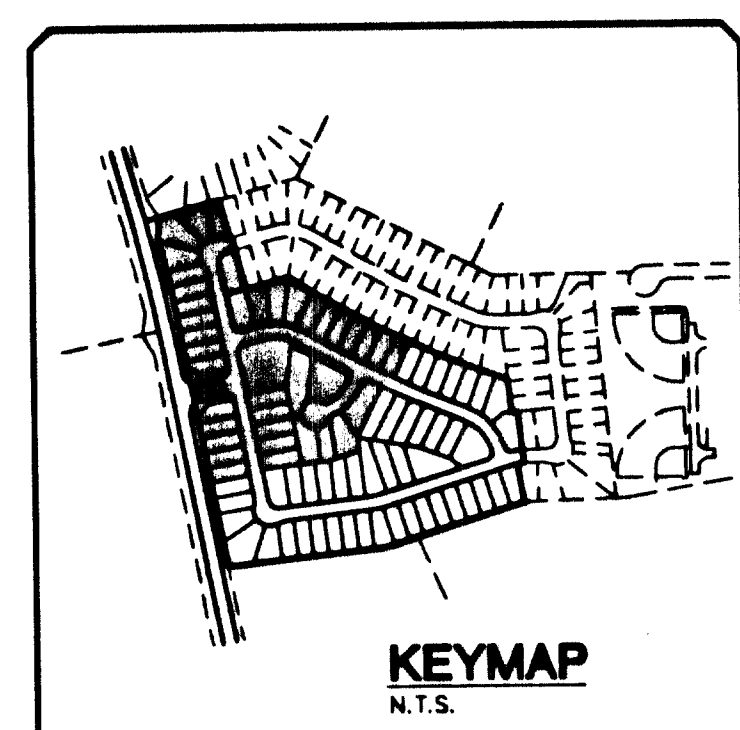
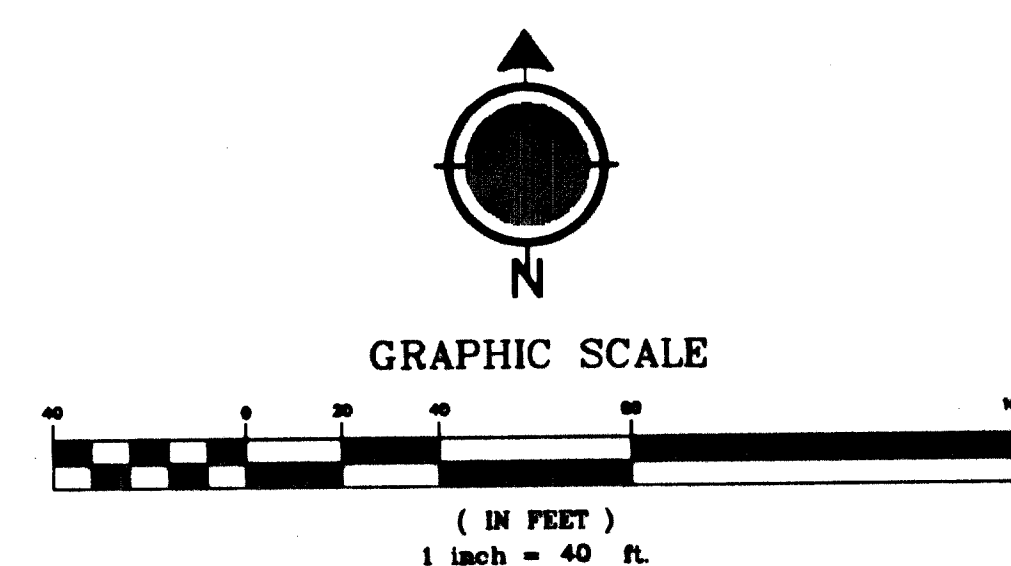


"ASBUILT"



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

SANTARY SEWER MANHOLE SCHEDULE

MANHOLE	TYPE	STATION	OFFSET	INVERT	INVERT	INVERT	INVERT	COMMENTS
1	SD	10+10.22 CRIMSON ROSE AVE	15.10' LY	3185.62	3185.26	3185.08	3185.28	
2	SD	8+45.34 CRIMSON ROSE AVE	9.32' RT	3186.52		3185.85	3185.05	
3	SD	8+45.34 CRIMSON ROSE AVE	1.50' RT	3171.72	3185.10	3184.80	3185.10	
4	SD	4+29.85 CRIMSON ROSE AVE	3.30' RT	3184.08		3174.69	3174.89	
5	SD	8+45.34 CRIMSON ROSE AVE	2.10' RT	3197.52	3188.74	3188.54		
6	SD	6+28.78 GRANITE RAPIDS ST	5.30' RT	3208.32	3201.60	3201.40		
7	SD	3+55.22 GRANITE RAPIDS ST	8.87' RT	3213.84	3207.50	3207.30		
8	SD	0+91.42 REGAL ROCK PLACE	7.17' LY	3220.42		3210.32	3210.32	
9	SD	1+44.23 REGAL ROCK PLACE	5.81' LY	3218.32		3210.80	3210.80	
10	SD	1+00.00 INDIAN GARDEN ST	2.27' LY	3173.52		3165.71	3165.91	
11	SD	0+91.42 SLEEPY HEAVEN PL	8.82' LY	3177.32		3170.30	3170.50	
12	SD	0+91.42 SLEEPY HEAVEN PL	2.73' LY	3182.92		3185.10	3185.10	
13	SD	2+54.03 SLEEPY HEAVEN PL	10.29' LY	3204.92		3197.18	3197.38	
14	SD	2+54.03 SLEEPY HEAVEN PL	10.29' LY	3195.82	3188.80	3188.80		
15	SD	2+54.03 SLEEPY HEAVEN PL	9.45' LY	3199.32		3192.30		

- WATER FITTINGS LEGEND:**
- 1" 8" TEE
 - 2" 8" TEE
 - 3" 8" TEE
 - 4" 8" TEE
 - 5" 8" TEE
 - 6" 8" TEE
 - 7" 8" TEE
 - 8" 8" TEE
 - 9" 8" TEE
 - 10" 8" TEE
 - 11" 8" TEE
 - 12" 8" TEE
 - 13" 8" TEE
 - 14" 8" TEE
 - 15" 8" TEE
 - 16" 8" TEE

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. PRIVATE ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

DAILY SEWER CONTRIBUTION
AVERAGE FLOWS = 0.0380 MGD
PEAK FLOWS = 0.1280 MGD

Call before you Dig.
1-702-593-6111
1-800-227-2800

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 # 01000 38NWS
RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF PAVILION CENTER AND GREENMOOR.
ELEVATION = 827.9852 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.

APPROVALS
Robert Bell
CITY FIRE MARSHAL
9-27-02
DATE
10-24-02
DATE
LAS VEGAS VALLEY WATER DISTRICT

ESTIMATE OF WATER QUANTITIES

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

NOTE: QUANTITIES ARE APPROXIMATE ONLY- CONTRACTOR TO VERIFY.

TRAFFIC LEGEND
L 6" D3 STREET NAME SIGN (PER STD DWG 250)
O 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

- UTILITY LEGEND**
- EXISTING WATER LINE W/SIZE
 - PROPOSED WATER LINE W/SIZE
 - 3/4" PROPOSED WATER LATERAL & METER PER UDACS PLATE 10 UNLESS OTHERWISE NOTED
 - PROPOSED FIRE HYDRANT W/6" LATERAL & 6" G.V.
 - EXISTING SEWER LINE W/SIZE
 - PROPOSED SEWER LINE W/SIZE
 - EXISTING SEWER LATERAL
 - EXISTING SEWER MANHOLE
 - PROPOSED SEWER MANHOLE
 - 6" LP 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
 - WATER REDUCER
 - NO 3 1/2" PULLBOX
 - 125A PAD MOUNTED STREET LIGHT SERVICE POINT REQUIRES BACKWATER VALVE
 - REQUIRES PRESSURE REDUCER VALVE

DATE: 9/28/2002
S.D.Y.:
DRAWN BY: T.M.G.
DESIGNED BY: R.P.S.
CHECKED BY: R.P.S.
ADJ. CHECKED: N/A
JOB NO.: 88147032
SCALE: 1" = 40'
NO. OF SHEETS: 12
SHEET NO.: 12
CLV. DWG. #:
307Y-4723-1

Starline Consulting Inc.
7251 West Charleston Blvd.
Las Vegas NV 89117
Tel: 702.258.0315
Fax: 702.258.0326
www.starline.com

Pulte Homes
HILLSTONE AT THE SUMMERLIN VISTAS
ASBUILT
UTILITY, TRAFFIC & STREET LIGHTING PLAN 1

PROFESSIONAL ENGINEER - STATE OF NEVADA
11752