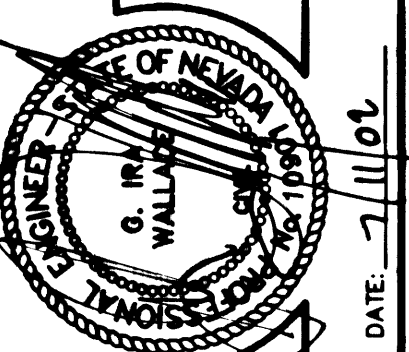
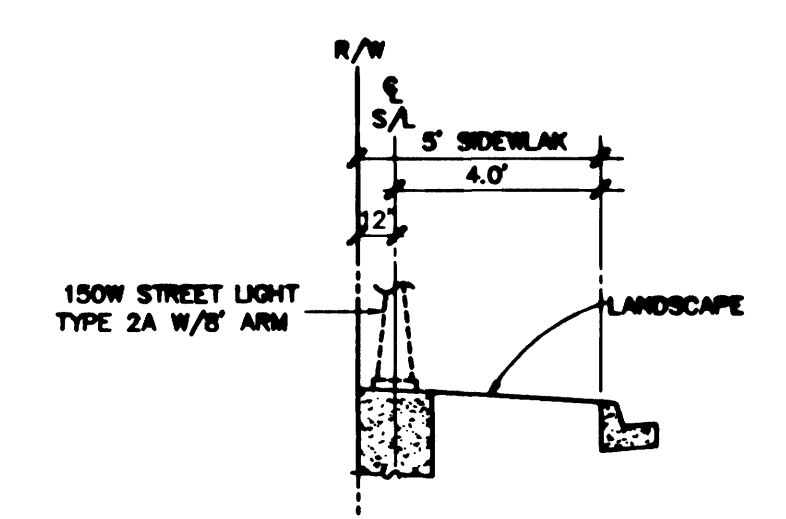


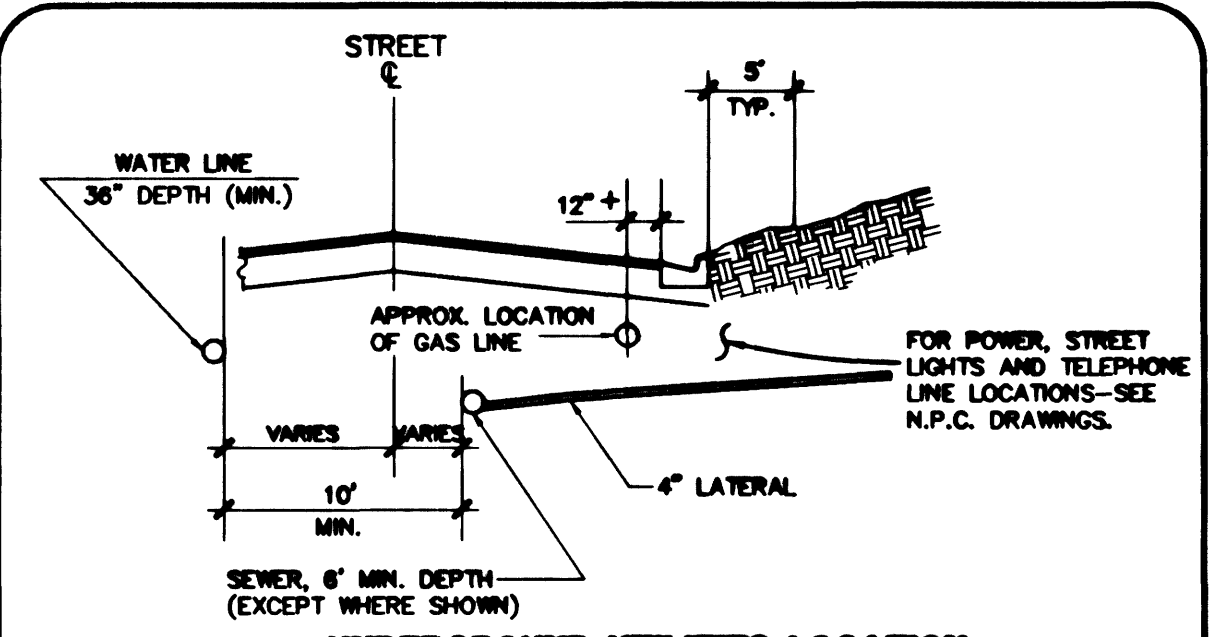


SEWER MANHOLE TABLE

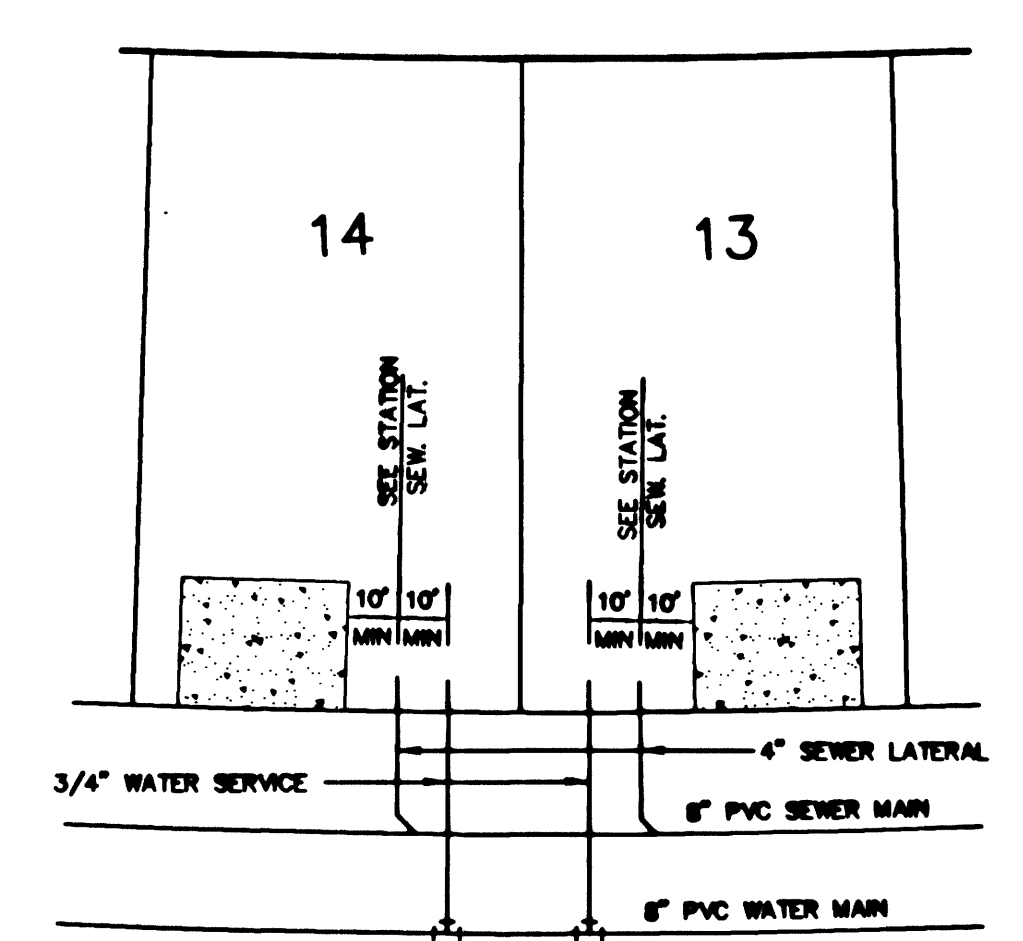
SMH #	STREET ALIGNMENT	STATION	OFFSET	RIM	INV. ELEV. N	INV. ELEV. E	INV. ELEV. S	INV. ELEV. W
1	SOLEDAD CANYON	2+19.06	3'-R	2361.2±	2353.98	2353.78	2353.78	-
2	SOLEDAD CANYON	6+55.54	3'-R	2359.0±	2352.03	-	2351.83	-
3	LONE RANCH SOLEDAD CANYON	2+35.93 10+87.25	4.5'-L 3'-R	2355.4±	2348.35	2348.15	-	2348.35
4	LONE RANCH	1+57.93	4.5'-L	2355.7±	-	-	2348.86	-
5	LONE RANCH	6+55.61	4.5'-L	2353.2±	-	2345.85	-	2346.05
6	WINCHESTER BLUFF LONE RANCH	12+85.98 10+67.32	8'-R 4.5'-R	2351.0±	2343.79	-	2343.59	2343.79
7	FUTURE WINCHESTER BLUFF	2+49	10'-R	2357.2±	2350.09	-	2349.89	-
8	FUTURE WINCHESTER BLUFF	4+22	3'-R	2356.2±	2348.76	-	2348.56	2348.76
9	FUTURE WINCHESTER BLUFF	8+58.37	3'-R	2353.8±	2348.79	-	2346.59	2346.79
10	GRAND TETON	20+86.23	46'-R	2349.9±	2341.91	2341.51	-	2341.51



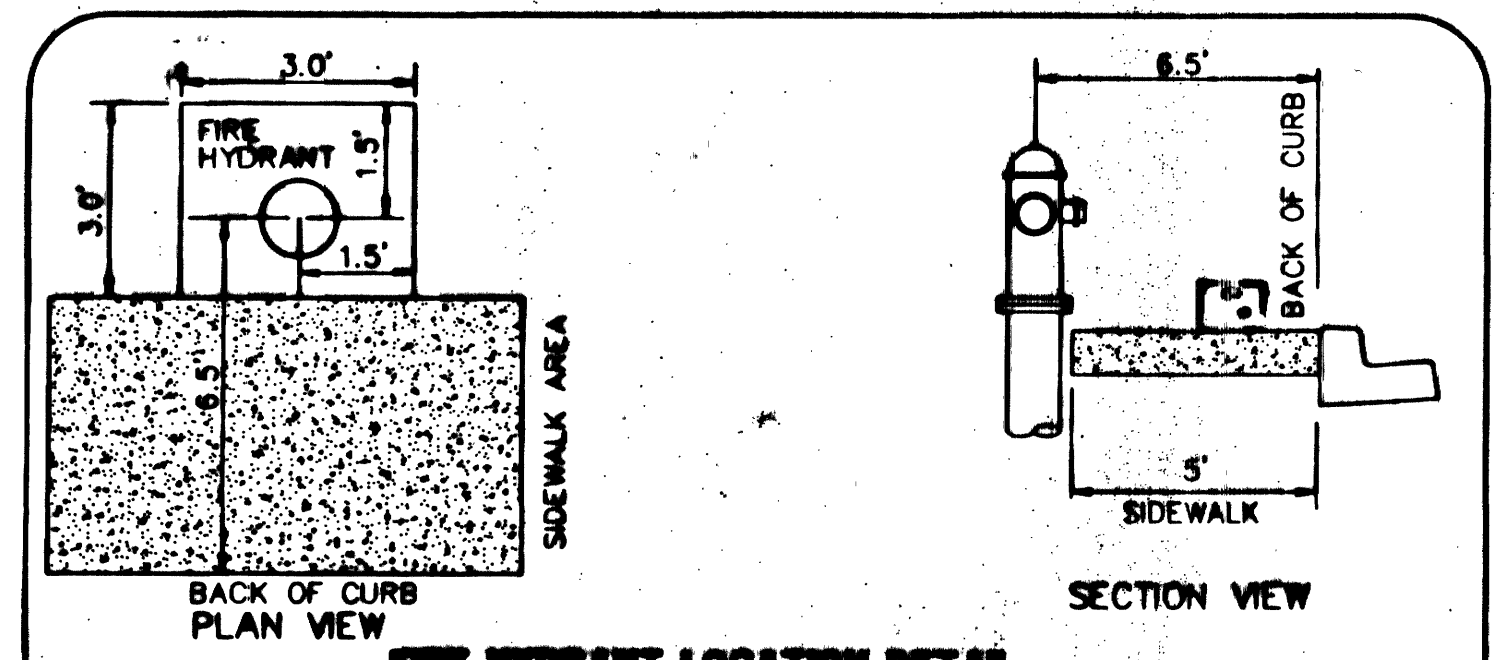
TYPICAL STREET LIGHT LOCATION PLAN
JONES BOULEVARD
(NO SCALE)



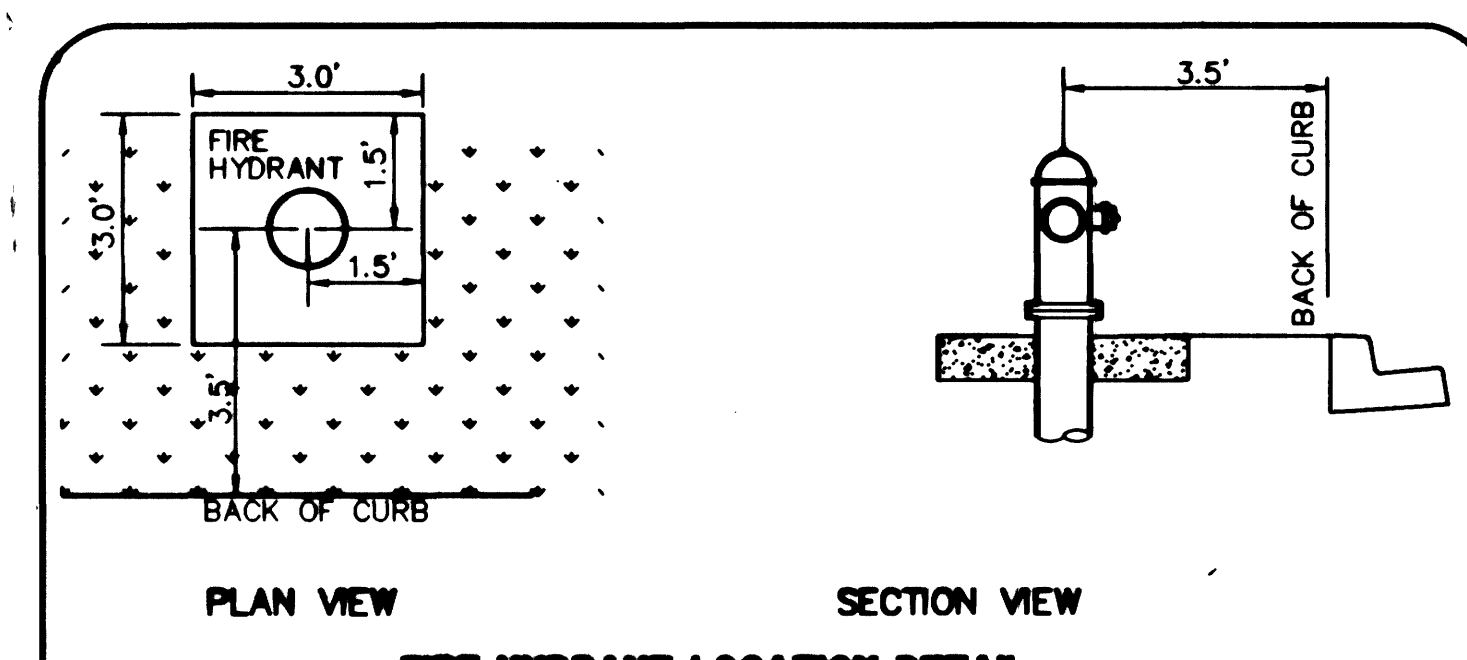
TYPICAL STREET SECTION
UNDERGROUND UTILITIES LOCATION



TYPICAL UTILITY LOCATION
UNLESS OTHERWISE NOTED NOT TO SCALE



FIRE HYDRANT LOCATION DETAIL
GRAND TETON DRIVE
PER UDACS PLATE #7



FIRE HYDRANT LOCATION DETAIL
INTERIOR STREET
PER UDACS PLATE #7

FIRE FLOW CALCULATIONS
FIRE FLOW REQUIREMENT IS: 1750 GALLONS PER MINUTE
AT 20 PSI RESIDUAL PRESSURE.
BASED ON:
SQUARE FOOTAGE: 4780 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: N/A SQUARE FEET
BUILDING HEIGHT: N/A FEET
NUMBER OF STORIES: 1 FLOOR
TYPE OF CONSTRUCTION: TYPE V-N
OCCUPANCY: RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: N/A

Reviewed By: *[Signature]*
Date: 7/17/02
*NOTE: ON-SITE SUBMITTAL REQUIRED WITH BUILDING DETAIL APPROVAL IS FOR ON-SITE CONSTRUCTION FIRE PROTECTION OF 1500 GPM ON-SITE.

APPROVED FOR CONSTRUCTION
[Signature] 8/1/02
LAS VEGAS VALLEY WATER DISTRICT DATE

- ESTIMATE OF WATER QUANTITIES**
- | | | |
|----|---|---------|
| 1 | STD. FIRE HYDRANT W/8" G.V. & 6" PVC LATERAL | 5 EA |
| 2 | 8" WATER MAIN | 3141 LF |
| 3 | 6" WATER MAIN | 282 LF |
| 4 | 2" BLOW-OFF ASSEMBLY W/ CAP | 7 EA |
| 5 | 1" TYPE K COPPER SERVICE | 28 EA |
| 6 | 3/4" METER PER UDACS PLATE #10 | 28 EA |
| 7 | 1" METER BOX AND COVER | 28 EA |
| 8 | 1 1/2" METER BOX AND COVER | 1 EA |
| 9 | 8" GATE VALVE W/BOX | 5 EA |
| 10 | 8"x6" REDUCER | 2 EA |
| 11 | 8" 90° BEND | 1 EA |
| 12 | 8" 45° BEND | 4 EA |
| 13 | 4" SCHEDULE 40 PVC LANDSCAPE IRRIGATION SLEEVES | 290 LF |
| 14 | 1 1/2" WATER METER W/ 1 1/2" RPPA PER UDACS PLATE # 10 AND PLATE #11A | 1 EA |
| 15 | 1 1/2" TYPE K COPPER SERVICE | 1 EA |

- TRAFFIC SIGN LEGEND AND QUANTITIES**
- | | |
|---|--------|
| STREET NAME SIGNS (2 PER POLE) | 8 EA. |
| STOP SIGNS (R1-1 24"x24") | 4 EA. |
| END OF ROAD SIGNS (3 - 18" RED REFLECT. DIAMONDS) | 15 EA. |
| TYPE III BARRICADES | 15 EA. |

DESIGN: GJB
DRAWN: GJB
CHECK: GJB
ISSUE DATE: 07-17-02
PLOT TIME: 07:10:24
ISSUE DATE: 07-17-02
% COMPLETE

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E: V71-003.dwg
Improv Unit 1 V71-3504.dwg

GRAND TETON / JONES NORTHEAST 40 ACRE SITE
• FORT MOUNTAIN RANCH UNIT NO. 1
WILLIAM LYON HOMES

UTILITY NOTES

SHEET
C-04
4 OF 19 SHTS