



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

NOTE: CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

**BASIS OF BEARINGS**  
 THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE (2701), DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804 AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN BOOK 88 OF SURVEYS, AT PAGE 53.

**PROJECT BENCHMARK**  
 PROJECT DATUM: NAVD88  
 CITY OF LAS VEGAS BENCHMARK 1LV90-13NES  
 NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)  
 ONLY BM 413148, NAVD 88 ELEV=710.953 METERS (2332.52 FEET), 1" DIAMETER CONCRETE MONUMENT 77 FEET SOUTH & 54 FEET WEST OF N.E. CORNER SEC. 13T19R60E TO EAST OF LARGE POWER POLE.

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

**ESTIMATE OF QUANTITIES / LEGEND**

- WATER**
- ① FIRE HYDRANT ASSEMBLY (PER UDACS PLATE No. 7)
  - ② 12" GATE VALVE
  - ③ 12" x 12" x 12" TEE
  - ④ 8" x 8" x 8" TEE
  - ⑤ 8" x 6" REDUCER
  - ⑥ 4" x 8" ELBOW
  - ⑦ 8" x 8" CROSS
  - ⑧ 8" GATE VALVE
  - ⑨ 8" x 22.5' ELBOW
  - ⑩ CAP ONLY
  - ⑪ CAP W/ 2" B.O. ASSEMBLY (PER UDACS PLATE No. 4)
  - ⑫ W/ 5/8" METER (PER UDACS PLATE 1D)
  - ⑬ 1" METER W/ 1" RPPA (PER UDACS PLATE 1D & 11A)
  - ⑭ 6" WATER MAIN (PUBLIC)
  - ⑮ 8" WATER MAIN (PUBLIC)
- STORM DRAIN**
- STORM DRAIN MANHOLE (PUBLIC)
  - 18" RCP STORM DRAIN (PUBLIC)
- SEWER**
- STANDARD MANHOLE (PUBLIC)
  - 4" SEWER LATERALS (PRIVATE)
  - 4" SEWER WYES (PRIVATE)
  - BWV BACKWATER VALVES (PRIVATE)
  - 8" SEWER MAIN (PUBLIC)
- SEWER CONTRIBUTION (BASED ON 74 LOTS)**
- AVERAGE DAILY FLOW =  
 PEAK FLOW (PF=3.5) =
- STREET LIGHT & SIGNAGE**
- ① 100 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 3C ONLY POLES WITH 8.0' ARMS
  - ② 250 WATT 2-AMP (PUBLIC) SUMMERLIN TYPE 3C ONLY POLES WITH 8.0' ARMS
  - ③ 70 WATT H.P.S. (PUBLIC) SUMMERLIN TYPE 3C ONLY POLES WITH 8.0' ARMS
  - ④ 1 1/4" ST. LT. CONDUIT
  - ⑤ 3 1/2" PULLBOX (PUBLIC)
  - ⑥ R1-1 "STOP" SIGN & (2) D3 "STREET NAME" SIGNS
  - ⑦ (2) D3 "STREET NAME" SIGNS
  - ⑧ DRIVEWAY LOCATION (SCHEMATIC)
  - ⑨ POINT OF CONNECTION

NOTE: FOR QUANTITIES SEE SHEET UT1

**LAS VEGAS FIRE DEPARTMENT**

FIRE FLOW REQUIREMENT IS 1,500 GALLONS/MIN. AT 20 LBS./SQ.IN. RESIDUAL.  
 BASED ON:  
 SQUARE FOOTAGE: 2600  
 LARGEST AREA BETWEEN SEPERATION WALLS:  
 HEIGHT: 2 STORY  
 TYPE OF CONSTRUCTION:  
 EXPOSURES: 10' MIN.  
 SPRINKLER SYSTEM: NONE  
 OCCUPANCY: SINGLE FAMILY RESIDENCE  
 ROOF CONSTRUCTION: CONCRETE TILE

REVIEWED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PROVIDE FIRE LANE IDENTIFICATION PER CITY ORD. 3677

**APPROVAL:**

LAS VEGAS VALLEY WATER DISTRICT \_\_\_\_\_ DATE \_\_\_\_\_  
 CITY OF LAS VEGAS FIRE MARSHAL \_\_\_\_\_ DATE \_\_\_\_\_  
 NEVADA POWER COMPANY \_\_\_\_\_ DATE \_\_\_\_\_  
 NEVADA POWER COMPANY APPROVAL IS ONLY FOR THE CLEARANCE AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION, AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION.

7	6	5	4	3	2	1	REV	DATE	BY
<b>CITY OF LAS VEGAS</b>									
<b>KB HOME</b>									
750 PILOT ROAD, SUITE F LAS VEGAS, NV 89119 (702) 814-2500									
<b>SEWER ASBUILT</b>									
<b>IRON MOUNTAIN RANCH VILLAGE 7 UNIT 3</b>									
DRAWN BY: _____ 7/13/2004									
DESIGNED BY: _____									
CHECKED BY: _____									
PROJECT NO: _____ SCALE: 1"=40' HORIZ. VERT.									
SHEET <b>SAB2</b> 2 OF 2 SHEETS									
DRAWING NO. 107Y4604-7-3									

71965

As Built

15820/SAB/5920-SAB-03.DWG