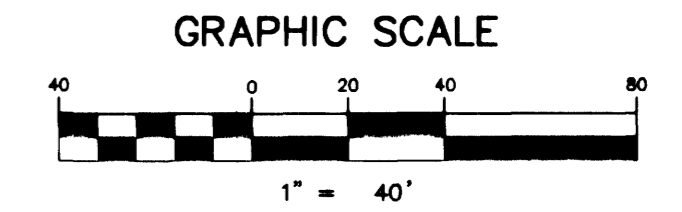


VILLAGE 7 - KEY MAP
NOT TO SCALE



NOTE
FOR QUANTITIES SEE SHEET UT1

LEGEND

- WATER**
- ① FIRE HYDRANT ASSEMBLY (INC. 6" x 6") (PER UDACS PLATE NO. 7)
 - ② 12" GATE VALVE
 - ③ 12" TEE
 - ④ 8" x 6" REDUCER
 - ⑤ 45° ELBOW
 - ⑥ 8" x 8" CROSS
 - ⑦ 8" GATE VALVE
 - ⑧ 22.5° ELBOW
 - ⑨ CAP ONLY
 - ⑩ CAP W/ 2" B.O. ASSEMBLY (PER UDACS PLATE NO. 4)
 - ⑪ SERVICE W/W/8" METER (PER UDACS PLATE 10)
 - ⑫ SERVICE W/1" METER & 1" RPPA (PER UDACS PLATE 10 & 11A)
 - ⑬ 6" WATER MAIN (PVC)
 - ⑭ 8" WATER MAIN (PVC)
 - ⑮ WATER MAIN (DIP)
- SEWER**
- ① STANDARD MANHOLE (PUBLIC)
 - ② 4" SEWER LATERALS (PRIVATE)
 - ③ 4" SEWER WYES (PRIVATE)
 - ④ BWV BACKWATER VALVES (PRIVATE)
 - ⑤ 8" SEWER MAIN (PUBLIC)
- SEWER CONTRIBUTION (BASED ON 88 LOTS)**
- AVERAGE DAILY FLOW = 0.022 MGD.
PEAK FLOW (PF=3.5) = 0.077 MGD.
- DRIVEWAY LOCATION (SCHEMATIC)
- POINT OF CONNECTION

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1,500 GALLONS/MIN. AT 20 LBS./SQ.IN. RESIDUAL.

BASED ON:
 SQUARE FOOTAGE: 2800
 LARGEST AREA BETWEEN SEPERATION WALLS:
 HEIGHT: 2 STORY
 TYPE OF CONSTRUCTION: V IN
 EXPOSURES: 10' MIN
 SPRINKLER SYSTEM: NONE
 OCCUPANCY: SINGLE FAMILY RESIDENCE
 ROOF CONSTRUCTION: CONCRETE TILE

REVIEWED BY: *[Signature]*
 DATE: _____
 PROVIDE FIRE LANE IDENTIFICATION PER CITY ORD. 3677

APPROVAL:

LAS VEGAS VALLEY WATER DISTRICT DATE _____
 CITY OF LAS VEGAS FIRE MARSHAL *[Signature]* DATE 9.5.02

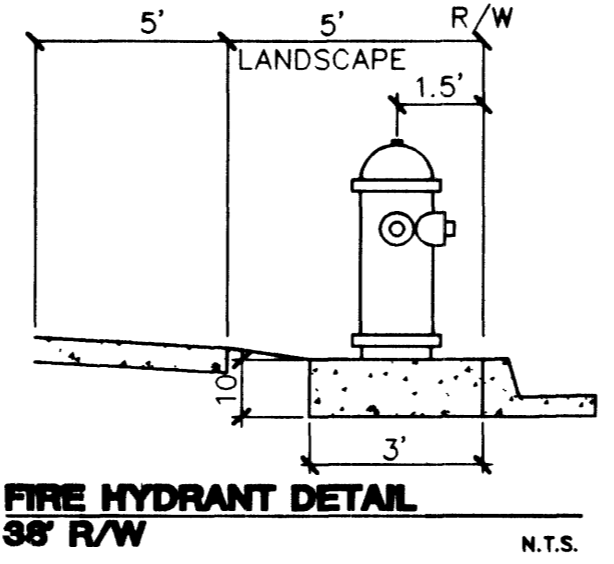
NEVADA POWER COMPANY DATE _____
 NEVADA POWER COMPANY APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION, AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION.

Call before you Dig
1-800-227-2600

Call before you Overhead
1-702-593-6111

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

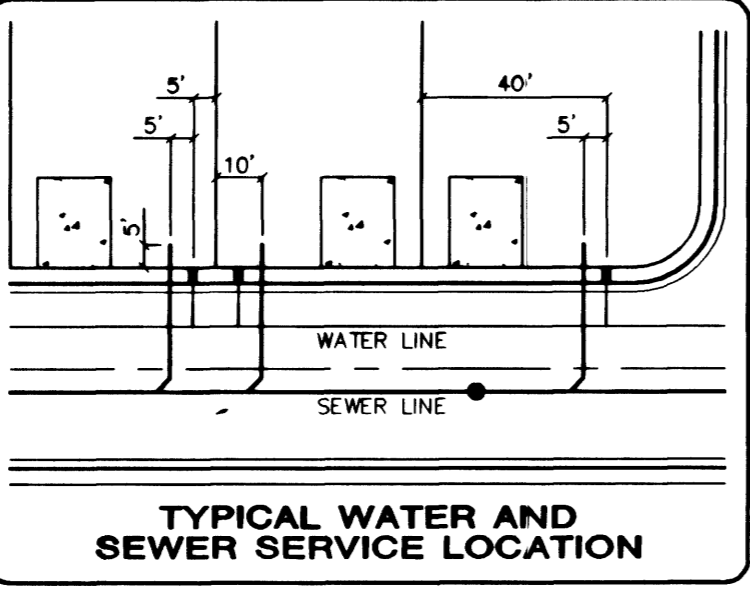
PROJECT BENCHMARK
 PROJECT DATUM: NAVD88
 CITY OF LAS VEGAS BENCHMARK 1LV90-13NES NAVD88 ELEVATION: 710.9608 METERS (2332.54 FEET)
 ONLY BM 413148 NAVD 88 ELEV=710.953 METERS (2332.52 FEET) 1" DIAMETER CONCRETE MONUMENT 77 FEET SOUTH & 54 FEET WEST OF N.E. CORNER SEC. 13T19R60E TO EAST OF LARGE POWER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



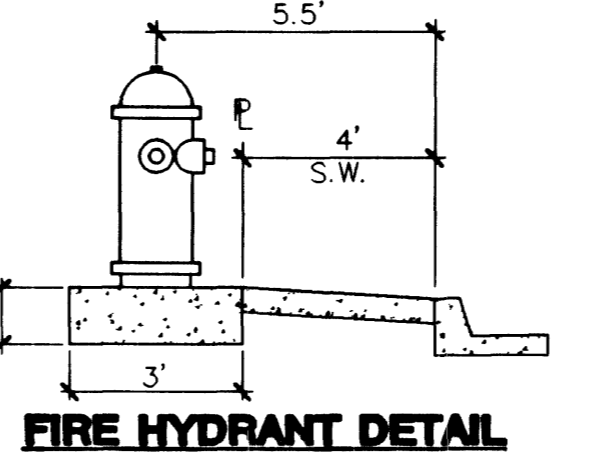
FIRE HYDRANT DETAIL 38' R/W N.T.S.

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.

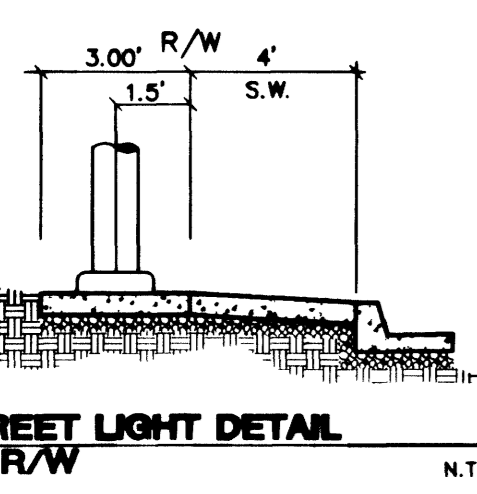
BASIS OF BEARINGS
 THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE (2701) DETERMINED BY CLARK COUNTY GIS CONTROL POINTS 802, 803, 804 AND 805, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE,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



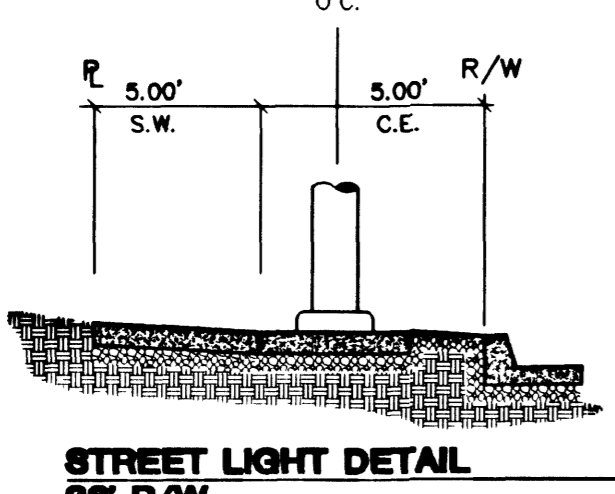
TYPICAL WATER AND SEWER SERVICE LOCATION



FIRE HYDRANT DETAIL



STREET LIGHT DETAIL 46' R/W N.T.S.



STREET LIGHT DETAIL 38' R/W N.T.S.

7	6	5	4	3	2	1	REV	DATE	BY
CITY OF LAS VEGAS									
KB HOME									
MASTER UTILITY PLAN									
IRON MOUNTAIN RANCH VILLAGE 7 UNIT 1									
DRAWN BY: SEPTEMBER 2001									
DESIGNED BY:									
CHECKED BY:									
PROJECT NO: 5900-1									
SCALE: 1"=40' HORIZ. NA VERT.									
SHEET 6 OF 26 SHEETS									
DRAWING NO. 307Y-4604-7-1									