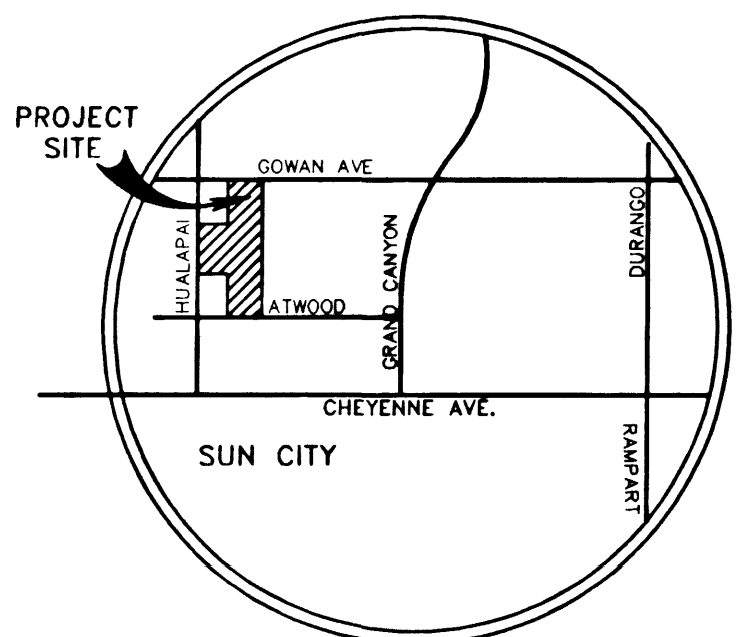
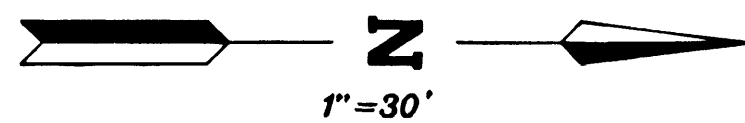




VICINITY MAP

### FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 2,500 gallons per minute at 20 psi residual pressure.

Based on:

- SQUARE FOOTAGE: 19,728 (FLOOR PLAN 2)
- LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 19,728 SQUARE FEET
- BUILDING HEIGHT: 25 feet
- NUMBER OF STORIES: 2 floor
- TYPE OF CONSTRUCTION: V HR - 2 STORY
- OCCUPANCY: MULTIFAMILY
- FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO

Reviewed By: *[Signature]*  
Date: 1-7-00

### FIRE LEGEND

FIRE RADIUS  
FIRE LANE SURFACE TO BE AC PAVED  
PAINTED RED CURBS, "FIRE LANE", NO PARKING (TYP)

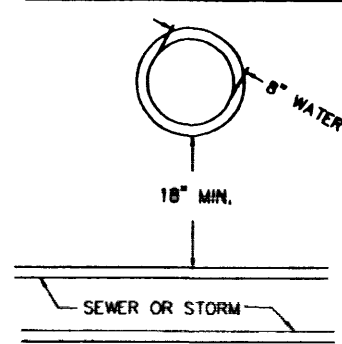
### FIRE DEPARTMENT NOTE

**FIRE DEPARTMENT APPROVAL**  
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVMD. HAS BEEN SUCCESSFULLY TESTED BY THE LVVMD. ESN.012

### APPROVALS:

*[Signature]* 1-7-00  
CITY OF LAS VEGAS FIRE MARSHAL DATE  
*[Signature]* 2-11-00  
LAS VEGAS VALLEY WATER DISTRICT 1st Approval 12-13-99 DATE  
*[Signature]* 2-14-2000  
NEVADA POWER COMPANY DATE  
THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATIONS.

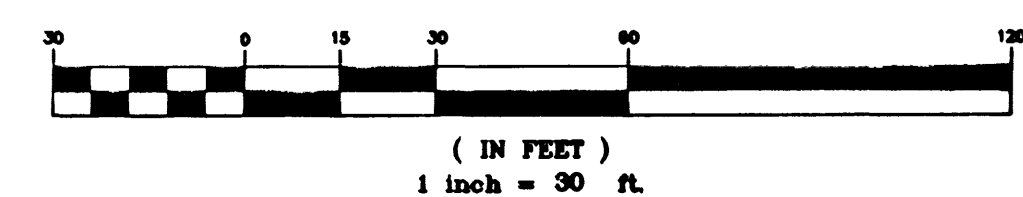
### UTILITY CROSSING TYPICAL DETAIL



### CONSTRUCTION NOTES

- STA 17+46.78 (ATWOOD ST) INSTALL 12"x8" TAPPING TEE WITH 8" TAPPING VALVE
- STA 17+31.34 AND 17+26.93 (ATWOOD ST) INSTALL 2" SERVICE CONNECTION
- INSTALL 8" DCDA PER LVVMD UDS PLATE #20B (FEBCO 856)
- INSTALL (4) 2" METERS AND (4) 2" RPPA PER LVVMD UDS PLATE #11A (CLA-VAL RP-4)
- INSTALL (1) 8" 90° EL
- STA 19+39.85 AND 19+35.30 (ATWOOD ST) INSTALL 2" SERVICE CONNECTION
- STA 19+19.87 (ATWOOD ST) INSTALL 12"x8" TAPPING TEE WITH 8" TAPPING VALVE
- INSTALL 10" GATE VALVE
- INSTALL FIRE HYDRANT ASSEMBLY (INCLUDES 6" GATE VALVE) PER LVVMD UDS PLATE #7
- INSTALL 4" GATE VALVE
- INSTALL 8" x 6" REDUCER
- SEWER WATER CROSSING - 18" MINIMUM VERTICAL SEPARATION
- INSTALL 4" x 3" REDUCER
- EXTEND STREETLIGHT CONDUIT & WIRE FROM EAST PROPERTY LINE WEST 340 FEET TO THE WEST P.L. STUB 5' PAST.
- INSTALL STREETLIGHT CONDUIT & WIRE FROM 5 FEET PAST NORTH PROPERTY LINE 670 FEET TO THE SOUTH P.L. STUB 5' PAST.
- INSTALL SINGLE METER SERVICE PADMOUNT PER CC UDS # 328
- INSTALL SINGLE METER SERVICE PADMOUNT PER UDS CCA# 328 125 AMP 240V PAD MOUNT WITH:
  - 2 POLE 60 AMP CIRCUIT BREAKERS
  - 1 POLE 15 AMP CIRCUIT BREAKERS
  - 1 POLE 40 AMP CIRCUIT BREAKERS
  - 1 POLE 60 AMP CIRCUIT BREAKERS
  - 2 POLE 60 AMP CIRCUIT BREAKERS
  - BY-PASS SWITCH PER CONTRACTOR

### GRAPHIC SCALE



NOTICE!  
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVIENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

Call BEFORE YOU Dig  
1-800-227-2600  
UNDERGROUND SERVICE (USA)

|                                                                                                              |                       |                                                                                                   |                    |
|--------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------|--------------------|
| <b>PICERNE DEVELOPMENT CORP</b><br>1420 E. MISSOURI AVENUE, #100<br>PHOENIX, AZ 85014-2469<br>(602) 285-1805 |                       | <b>ENGINEERING COMPANY</b><br>50 So. Jones #202, Las Vegas, NV 89107<br>Telephone: (702) 877-1300 |                    |
| <b>UTILITY PLAN 4 (WEST)</b>                                                                                 |                       | <b>CHEYENNE / HUALAPAI APARTMENT COMPLEX</b>                                                      |                    |
| DRAWN BY: SFC                                                                                                | DESIGNED BY: VERTICES | CHECKED BY: SFC                                                                                   | PROJECT NO: 809809 |
| DATE: 9-27-99                                                                                                | DATE: 9-27-99         | DATE: 9-27-99                                                                                     | SCALE: 1"=30'      |
| SHEET 13 OF 23 SHEETS                                                                                        |                       | DRAWING NO. 107-V3148                                                                             |                    |

VIEW NAME: UP4

FILE NAME: 9809IMP

2.1140

24811

Replot