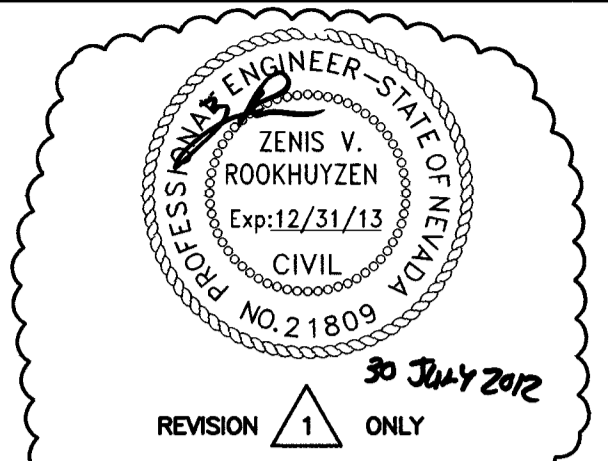


**REMOVAL NOTES**

- A PROTECT IN PLACE



**UTILITY NOTES**

- 1 VERTICALLY ADJUST LVWD VALVE BOX TO FINISHED GRADE PER UDACS PLATE NO. 39. VALVE SHALL BE ACCESSIBLE AT ALL TIMES
- 2 RELOCATE LVWD METER PER UDACS PLATE 4
- 3 INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE 40 (CONDITION A)
- 15 RECONNECT EXISTING WATER SERVICE WITH 1" TYPE K COPPER PER DETAIL G ON SHEET UT-13 AND UDACS PLATE 4
- 16 INSTALL 1" SERVICE SADDLE, 1" CORP. STOP, AND 1" TYPE K COPPER SERVICE LATERAL PER UDACS PLATE 4
- 22 INSTALL 1" METER AND BOX PER UDACS PLATE 4
- 24 INSTALL 1" RPPA PER UDACS PLATE 8
- 25 INSTALL 16" M.A. TAPPING SLEEVE OR APPROVED EQUAL WITH 6" TAPPING VALVE PER UDACS PLATE 34
- 30 VERTICALLY ADJUST MANHOLE TO FINISHED GRADE PER APPROPRIATE AGENCY
- 43 RELOCATE IRRIGATION VALVE AND SYSTEM

**REVISIONS**

NO.	DATE	DESCRIPTION	APP'D
1	07/20/12	50 LATERAL RE-ALIGNMENT	

**DEPARTMENT OF PUBLIC WORKS  
CAPITAL PROJECT MANAGEMENT**

CITY ENGINEER: DAVID BOWERS, PE, PTOE  
PROGRAM MANAGER: JEREMY LEVITTI, PE

DESIGNED BY: Z. ROOKHUYZEN  
DRAWN BY: J. SIMIANO  
CHECKED BY: J. JENSEN

DATE: 06/12/2011



**APPROVED FOR CONSTRUCTION**

1ST APPROVAL DATE 11-03-11  
CITY OF LAS VEGAS FIRE DEPARTMENT  
DATE: 7/19/12

**APPROVED FOR CONSTRUCTION**

1ST APPROVAL DATE 11-03-11  
SOUTHERN NEVADA WATER AUTHORITY  
DATE: 8/1/12

**APPROVED FOR CONSTRUCTION**

1ST APPROVAL DATE 11-02-11  
LVWD ENGINEERING SERVICES MANAGER  
PROJECT NO. 116494  
DATE: 8-2-12

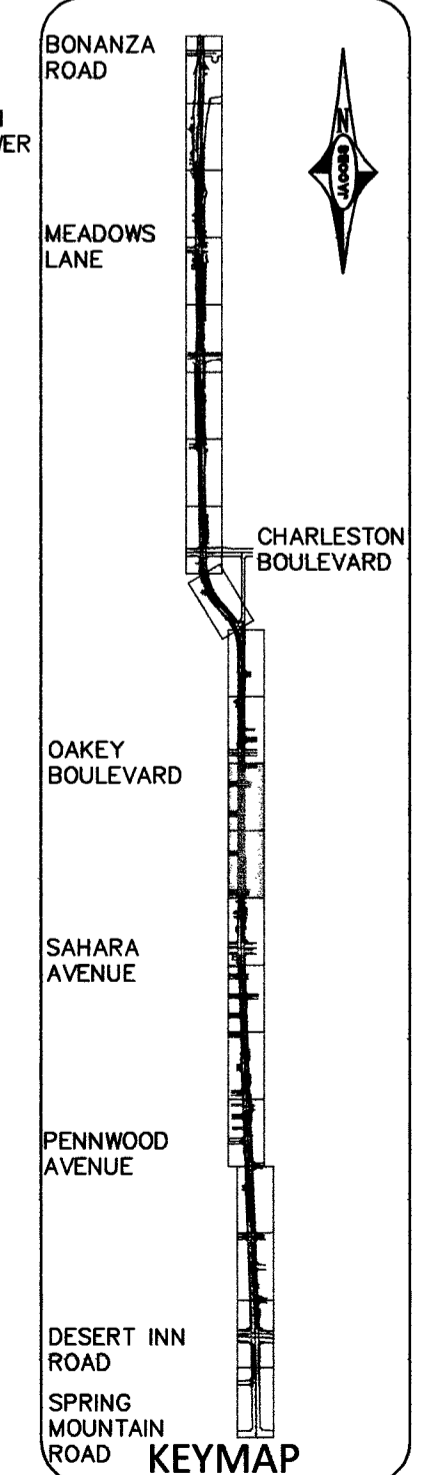
**NOTE:**

1. SEE IR-SHEETS FOR PUBLIC MEDIAN IRRIGATION
2. SEE SS-SHEETS FOR PROPOSED SANITARY SEWER
3. SEE SD-SHEETS FOR STORM DRAIN
4. SEE TS-SHEETS FOR TRAFFIC SIGNALS
5. SEE L-SHEETS FOR LIGHTING & ITS
6. ON-SITE WATER RESTORATION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR
7. ALL SEWER ON PLANS ARE CLV JURISDICTION UNLESS OTHERWISE NOTED.
8. SEE LS-SHEETS FOR BOULDER PLACEMENT

**FAST**  
Call before you Dig  
1-702-432-5300

**811**  
Call before you Dig  
1-702-227-2929

Call before you Dig  
1-800-227-2800



**VALLEY VIEW BOULEVARD  
DESERT INN RD TO BONANZA RD**

TITLE: **UTILITY PLAN**  
SHEET: **'V' 82+00 TO 'V' 100+00**

SHEET: **UT-05**  
**105 of 236**  
DRAWING NO. **107-V5627**

**SNWA NOTES**

ALL REPAIRS, REPLACEMENTS, RELOCATIONS AND/OR EXTENSIONS MUST BE DESIGNED AND MONITORED BY A NACE INTERNATIONAL-CERTIFIED CATHODIC PROTECTION SPECIALIST. ALL TESTING AND WORK IS TO BE DONE BY A NACE LEVEL II CATHODIC PROTECTION TECHNICIAN AND APPROVED BY THE SNWA CATHODIC PROTECTION TECHNICIAN PRIOR TO ACCEPTING THE INSTALLATION. ALL MATERIAL FOR THE INSTALLATION IS TO BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL SUBMIT ALL CERTIFICATIONS AND MATERIALS TO BE USED ON THE PROJECT FOR REVIEW AND ACCEPTANCE BY SNWA PRIOR TO STARTING ANY WORK.

SNWA FIBER OPTIC CONDUIT RUNS ALONG THE WEST SIDE OF THE SNWA PIPELINE.  
CAUTION: SNWA TEST LEADS ARE SHALLOW.

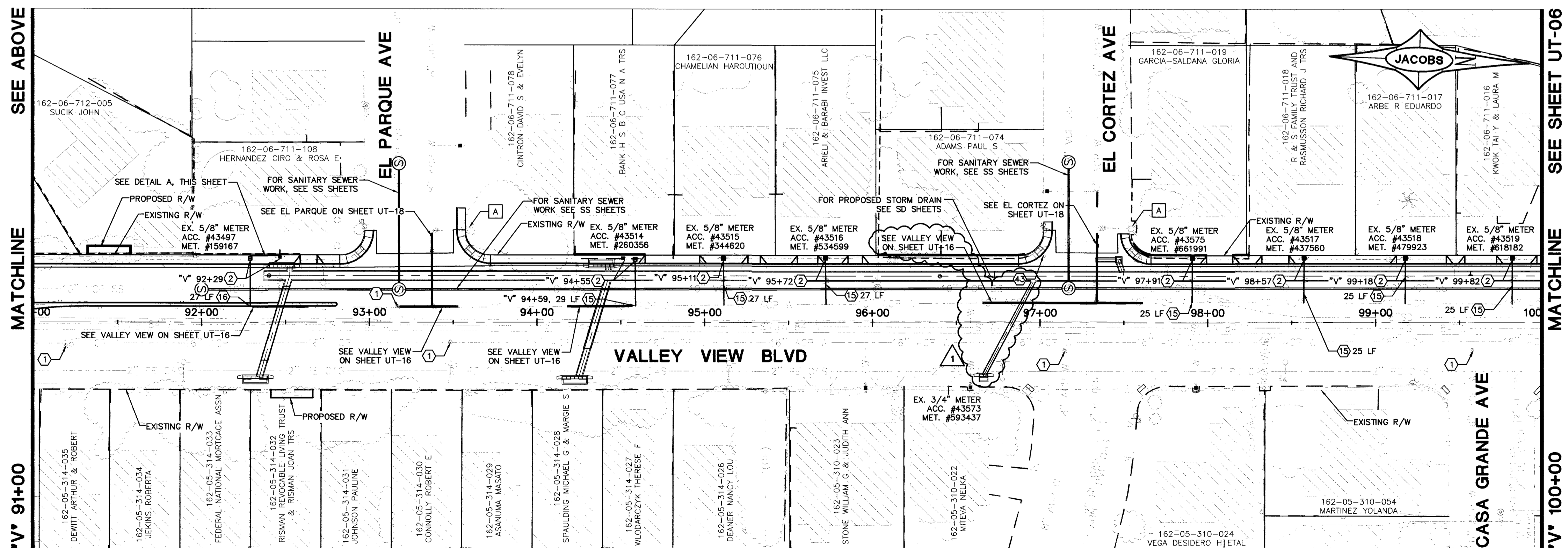
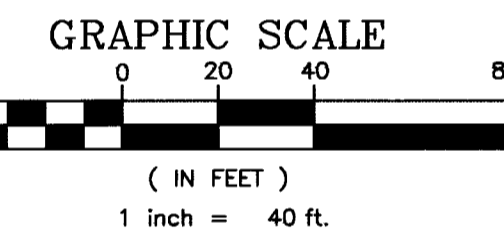
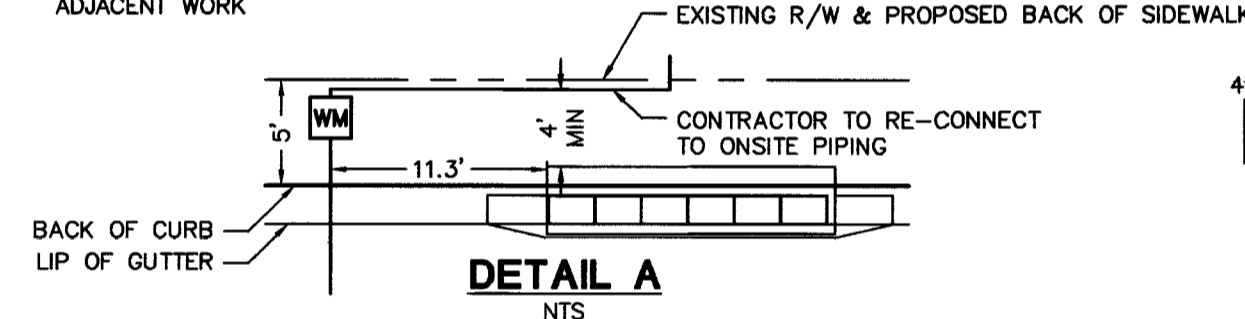
RELOCATION OF EXISTING SNWA TEST STATIONS MUST BE DONE IN ACCORDANCE WITH SNWA STANDARD PRACTICES FOR CATHODIC PROTECTION.

IF EXPOSED, CONTRACTOR TO PAY FOR AND REPLACE SNWA CATHODIC PROTECTION TEST STATION GROUND MATS, MAGNESIUM RIBBONS, OR ZINC RIBBONS.

CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA/SNWS APPURTENANCES INCLUDING, BUT NOT LIMITED TO AV/AR, ACCESS MANNWAYS AND CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTOR'S EXPENSE. CATHODIC PROTECTION TEST STATIONS, RECTIFIERS, AND AV/AR'S MUST BE RELOCATED TO THE SIDEWALK PER SNWA STANDARDS AND AT THE CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY SNWA DEVELOPMENT PLAN REVIEW AT (702) 862-3444 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.

**LVVWD NOTES**

REPLACE ANY METER BOXES DAMAGED BY ADJACENT WORK



**REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA) (1) 1"**  
THE REDUCED PRESSURE PRINCIPLE ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.