REDUCED PRESSURE PRINCIPLE ASSEMBLY 1" MTR#0284513
APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE No. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD. 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.

BENCHMARK

CLV BM CASHMAN 5: RIVET & PLATE IN TOP OF CURB, NE CORNER OF LAS VEGAS BOULEVARD AND CASHMAN FIELD ENTRANCE, ELEV. 1982.48' (NAVD88). BY CITY OF LAS VEGAS SURVEY DATED 2/26/2010.
FOR SHEETS UT-A & UT-B ONLY

CITY OF LAS VEGAS BENCHMARK NUMBER 1LV01 27SS68
BEING A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF BONANZA ROAD AND LAS VEGAS BOULEVARD.

DEC. 2002 ELEVATION = 608.5592 (M) 1998.58 (F) (NAVD 88 DATUM)
2008 ELEVATION = 608.51825 (M) 1998.45 (F) (NAVD 88 DATUM)

DEC. 2002 ELEV. USED FOR NEON BONEYARD PLANS (CLV#676-12) APPROVED 5/05/2009

BASIS OF BEARING

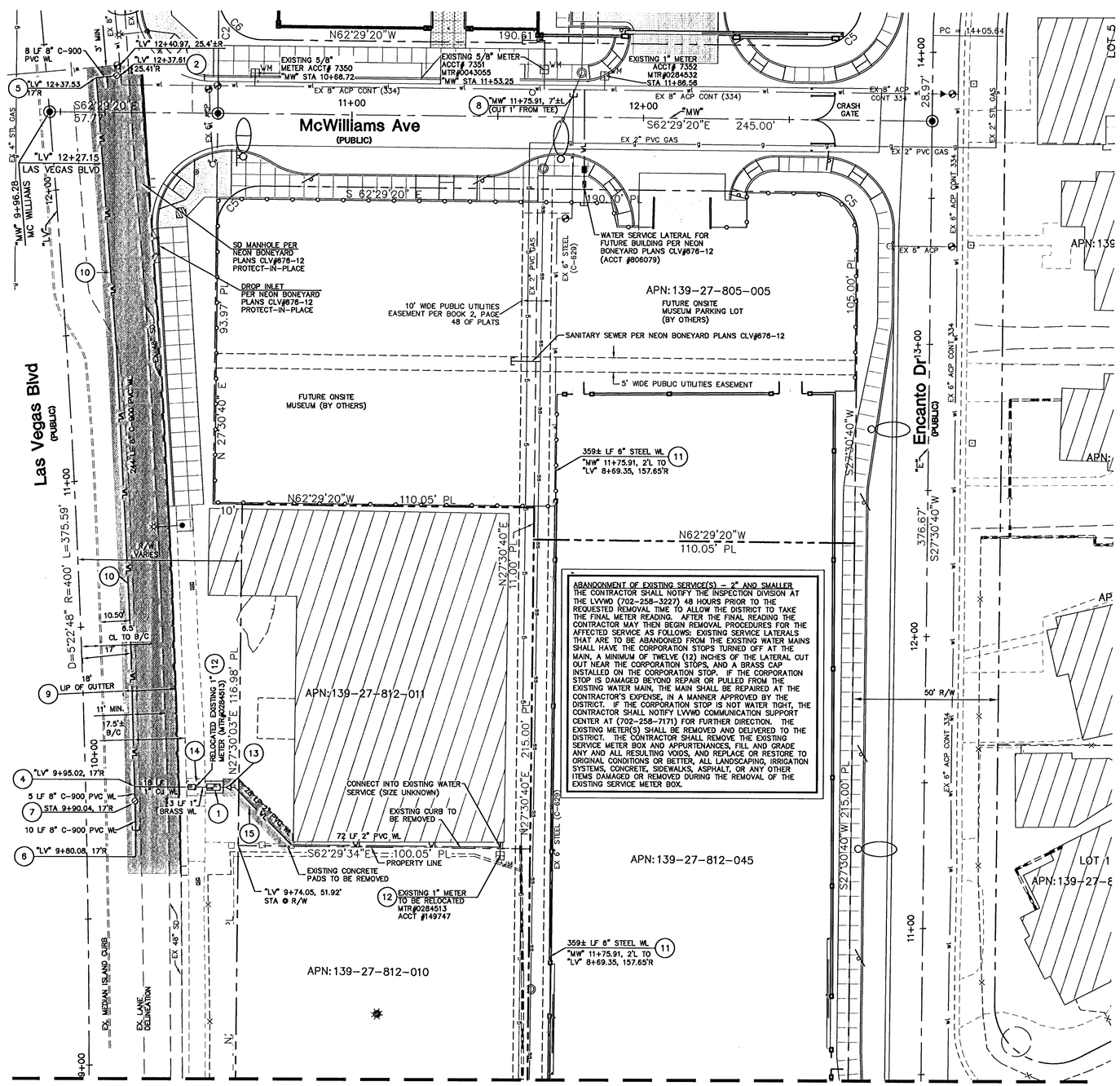
NORTH 62°29'20" WEST BEING THE CENTERLINE OF MCWILLIAMS DRIVE BETWEEN LAS VEGAS BOULEVARD AND ENCANTO DRIVE AS SHOWN ON THE FINAL MAP OF BILTMORE ADDITION ANNEX
NUMBER 3, BEING IN THE SOUTHEAST QUARTER (SE¼) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., AS SHOWN BY MAP THEREOF IN BOOK 02, PAGE 48 OF PLATS, IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

ABANDONED VALVES CUT AND CAP

ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP TWENTY-FOUR (24) INCHES OF THE VALVE BOX, AND THEN FILLING THE BOTTOM OF THE BOX WITH A MINIMUM OF EIGHT (8) INCHES OF SAND OR TYPE II AGGREGATE BASE. THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST TWO THOUSAND (2,000) PSI. THE LATERAL MUST BE CUT WITHIN ONE (1) FOOT OF THE ABANDONED VALVE, OR AS SHOWN ON PLANS, AND CAPPED. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WHERE SHOWN ON THE DRAWING AND INSTALL A CAP COMPLETE WITH THRUST BLOCK. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATIONS, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. A CONCRETE THRUST BLOCK SHALL BE INSTALLED AT ALL CAP OR PLUG LOCATIONS IN ACCORDANCE WITH THE PROVISIONS OF UDACS PLATE 5.

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



ABANDONMENT OF EXISTING SERVICE(S) – 2" AND SMALLER
THE CONTRACTOR SHALL NOTIFY THE INSPECTION DIVISION AT THE LVVWD (702-258-3227) 48 HOURS PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE DISTRICT TO TAKE THE FINAL METER READING. AFTER THE FINAL READING THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICE AS FOLLOWS: EXISTING SERVICE LATERALS THAT ARE TO BE ABANDONED FROM THE EXISTING WATER MAINS SHALL HAVE THE CORPORATION STOPS TURNED OFF AT THE MAIN, A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL CUT OUT NEAR THE CORPORATION STOPS, AND A BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED BY THE DISTRICT. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVVWD COMMUNICATION SUPPORT CENTER AT (702-258-7171) FOR FURTHER DIRECTION. THE EXISTING METER(S) SHALL BE REMOVED AND DELIVERED TO THE DISTRICT. THE CONTRACTOR SHALL REMOVE THE EXISTING SERVICE METER BOX AND APPURTENANCES, FILL AND GRADE ANY AND ALL RESULTING VOIDS, AND REPLACE OR RESTORE TO ORIGINAL CONDITIONS OR BETTER, ALL LANDSCAPING, IRRIGATION SYSTEMS, CONCRETE, SIDEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVED DURING THE REMOVAL OF THE EXISTING SERVICE METER BOX.

MATCH LINE - SEE SHEET UT-B

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

UTILITY NOTES (SHEETS UT-A & UT-B)

1. PROVIDE & INSTALL 1" DCVA IN ACCORDANCE WITH DETAILS 1 & 2 SHEET UT-C
2. 8"x8" MECHANICAL JOINT (OR APPROVED EQUAL) TAPPING SLEEVE WITH 8" TAPPING VALVE PER UDACS PLATES NO. 8 & 22
3. 6" CAP W/2" BLOW OFF ASSEMBLY PER UDACS PLATE NO. 4A AND NOTE THIS SHEET.
4. 1" SERVICE SADDLE PER UDACS PLATE NO. 1D.
5. 8" 90° BEND PER UDACS PLATE NO. 5
6. 8" CAP W/2" BLOW OFF ASSEMBLY PER UDACS PLATE NO. 4A AND NOTE THIS SHEET.
7. 8" GATE VALVE PER UDACS PLATES NO. 3 & 8
8. 6" CAP PER UDACS PLATE NO. 5
9. REMOVE AND REPLACE EXISTING AC PAVEMENT WITH 5" AC PAVEMENT OVER 12" TYPE II BASE PER SOILS REPORT. REPLACE LANE MARKINGS TO ORIGINAL CONDITION.
10. WATERLINE TRENCH AND BACKFILL PER UDACS PLATE NO. 6B AND CCAUSD #503 AF
11. REMOVE EXISTING 6" STEEL WATERLINE
12. RELOCATE EXISTING 1" WATER METER (MTR#0284513)
13. 2" X 1" REDUCER PER UDACS PLATE NO. 5.
14. REMOVED AND REPLACE EXISTING CONCRETE SIDEWALK PER CCAUSD #234
15. REPLACE AC PAVEMENT TO MATCH EXISTING SECTION
16. ABANDON IN PLACE EXISTING STEEL WATERLINE

QUANTITIES (SHEETS UT-A & UT-B)

8" PVC WATER MAIN	267 LF
1" COPPER (Cu) WATER	18 LF
2" PVC WATER	100 LF

CITY OF LAS VEGAS FIRE DEPT. — DATE 3/30/10
Approval of these plans shall not be construed to be a permit or an approval of any violation of any of the provisions of the state or county laws. Fire flow 0 GPM @ 20 PSI. residual pressure.

APPROVED FOR CONSTRUCTION
FIRST APPROVED 3/23/09
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MGR
DATE: 3/30/10 PROJECT NUMBER: 114678

Call before you Underground 1-702-455-7511 or 1-702-453-5300 (NEVADA POWER & SOUTHWEST GAS TRANSMISSION & A.S.T.) — Call before you Overhead 1-702-227-2929 (NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT) — Call before you Dig 811 or 1-800-227-2600 (CLARK COUNTY WATER RECLAMATION DISTRICT) 1-702-455-7544

NO.	DATE:	DESCRIPTION	APP'D
1	3/10/10	ADDED SHEETS UT-A THRU UT-C	

REVISIONS

DEPARTMENT OF PUBLIC WORKS
400 EAST STEWART
LAS VEGAS, NEVADA 89101
(702) 229-6276

poggemeyer design group, inc.
6960 Smoke Ranch #110 • Las Vegas, NV 89128 • P: 702.256.8100 • F: 702.256.8375

TITLE: NEON BONEYARD PARK CITY OF LAS VEGAS

SHEET: UTILITY PLAN - NORTH

DRAWN BY: CLM 3/01/10
DESIGNED BY: CLM/SCD 3/01/10
CHECKED BY: SCD 3/01/10
PROJECT NO: 06089C
SCALE: 1"=20'

PROFESSIONAL ENGINEER - STATE OF NEVADA - SAM C. DUNNAM - EXP. 12-31-10 - CIVIL - No. 7888

HANSEN NO. 17994

Sheet UT-A 37A of 37
CLV DRAWING NO. 676-12

G:\06089A NEON BONEYARD\CIVIL\WATER PLAN SET\UT1.dwg Tue, 30 Mar 2010 - 7:46am

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