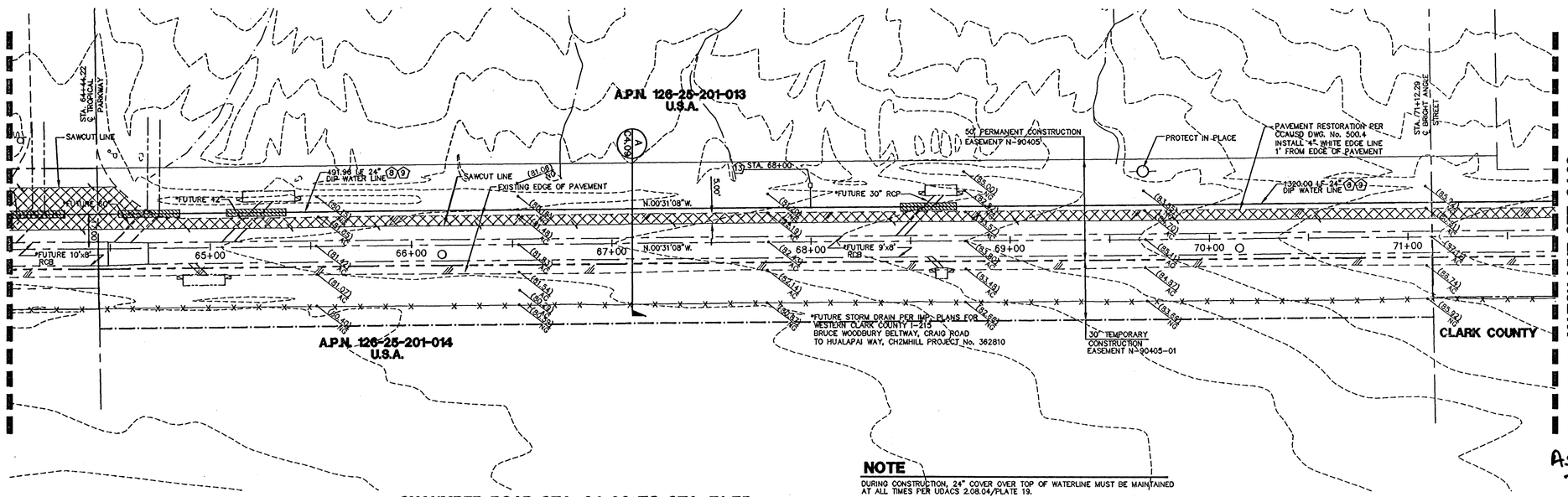


SHAUMBER ROAD-STA. 64+00 TO STA. 71+75

SCALE: 1"=30' HORIZ

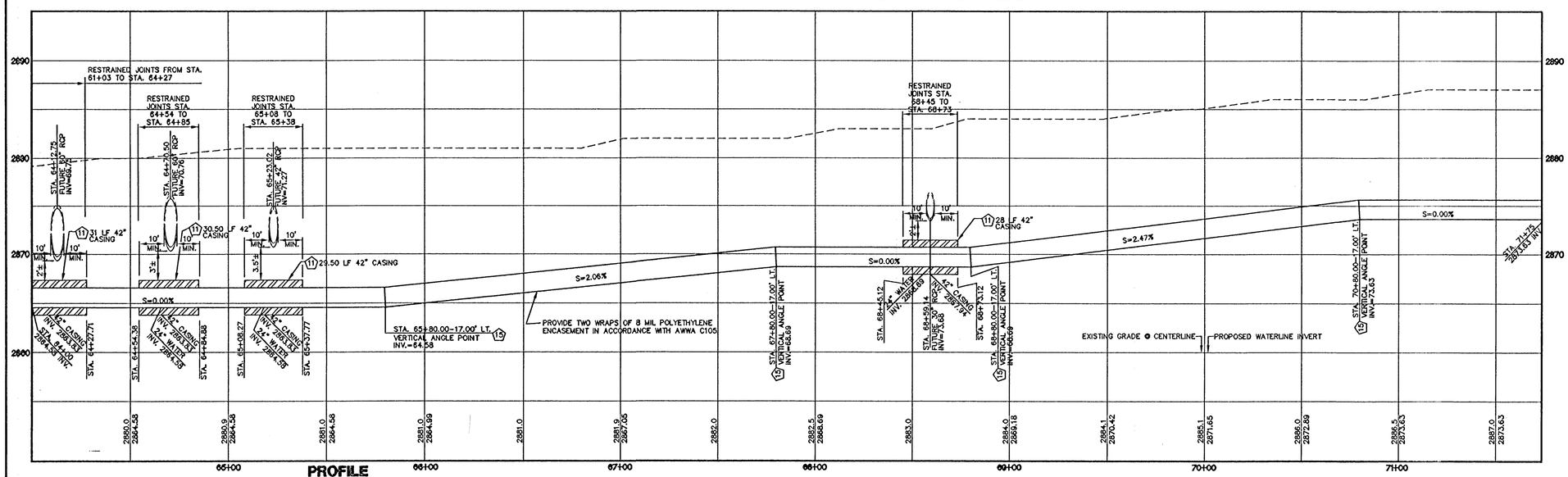
NOTE

DURING CONSTRUCTION, 24" COVER OVER TOP OF WATERLINE MUST BE MAINTAINED AT ALL TIMES PER UDACS 2.08.04/PLATE 19.

NOTE

REFER TO SHEET C2.13 THRU C2.15 FOR R/W, PATENT AND CONSTRUCTION EASEMENT INFORMATION.

As-built
Tad De Polyer
10-1-13



PROFILE

SCALE: 1"=30' HORIZ
1"=6' VERT.

OFFSITE WATER KEY NOTES

NOT ALL ITEMS ARE USED ON THIS SHEET

1. INSTALL 24"-22.5° BEND.
2. DEFLECT PIPE JOINT HORIZONTALLY 1.5° MAX. PER UDACS 2.07.03.
3. INSTALL 24"x12" TEE.
4. INSTALL 24" CAP & 2" BLOWOFF PER UDACS PLATE No. 38.
5. INSTALL 24" RESILIENT WEDGE GATE VALVE PER DETAIL, SHEET C6.02
6. INSTALL 24"-11.25° BEND.
7. INSTALL BLOW-OFF ASSEMBLY PER DETAIL, SHEET C6.02.
8. INSTALL PIPE LOCATOR PER DETAIL 1 ON SHEET C6.04.
9. INSTALL PIPE IN TRENCH PER DETAIL 2 ON SHEET C6.04.
10. INSTALL PIPE IN TRENCH PER DETAIL 3 ON SHEET C6.04.
11. INSTALL CASING PER UDACS PLATE 22 AND 23.
12. INSTALL AIR VALVE ASSEMBLY PER DETAIL, SHEET C6.03.
13. INSTALL CATHODIC PROTECTION TEST STATION PER DETAILS, SHEET C6.05
14. INSTALL 24"-45° BEND. ROLL DOWN TO ACHIEVE BOTH VERTICAL ANGLE AND HORIZONTAL ANGLE.
15. DEFLECT PIPE JOINT VERTICALLY 1.5° MAX. PER UDACS 2.07.03.

WATER MAIN NOTE

DUCTILE IRON PIPE SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C600, "INSTALLATION OF DUCTILE IRON WATER MAINS AND THEIR APPURTENANCES," AND THE MANUFACTURER'S RECOMMENDATIONS.

BASIS OF BEARING

NORTH 00°03'54" WEST, BEING THE BEARING OF THE WEST LINE OF THE EAST HALF (E 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 36 TOWNSHIP 19 SOUTH, RANGE 59 EAST, AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 89, PAGE 3 OF SURVEYS..

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 5LV99 36N6
A RIVET AND PLATE IN A FENCE POST BASE AT THE SOUTHWEST CORNER OF ALPINE RIDGE AND HAMMER LANE
ELEVATION = 2851.24 FEET (869.059 METERS) NAVD 1988 DATUM

WATER MAIN JOINT DEFLECTION (DIP 24")

DIP PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE AND A HALF (1.5) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 765 FEET, PER UDACS 2.07.03. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT NO. 116679 DATE 12/21/11

H 41249

REVISIONS

REV	DESCRIPTION	DATE	BY

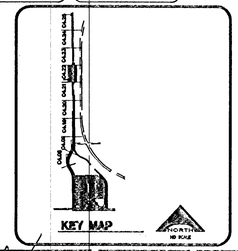
DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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.

Call before you Dig
Avoid cutting underground utility lines, if a clashy.
Call 811
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

Avoid overhead power line contact
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

AVOID HITING UNDERGROUND ELECTRIC SERVICE LINES, GAS LINES, WATER LINES, SEWER LINES, TELEPHONE LINES, CABLE TV LINES
CALL BEFORE YOU DIG UNDERGROUND
Call before you Underground
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
OR
1-702-228-4811
LAS VEGAS AREA COORDINATED TRAFFIC SYSTEM



SEAL: PROFESSIONAL ENGINEER-STATE OF NEVADA VERNON R. HARKINS Exp 6/30/13 CIVIL No. 009898 11/2/11

CCSD PROJECT NO. 1549
CCSD REVIEW
APPROVED BY
DATE
DATE OCTOBER 31, 2011
DRAWN BY
CHECKED BY
SUBMITTAL
K/A PROJECT NO. 08-816

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LAS VEGAS
AUSTIN

CLARK COUNTY SCHOOL DISTRICT
DESIGN MANAGEMENT / PLANNING AND DESIGN
4170 McLEOD DRIVE
LAS VEGAS, NEVADA 89121

PROJECT: CCSD NORTHWEST SATELLITE TRANSPORTATION FACILITY

DRAWING TITLE: PLAN AND PROFILE-OFFSITE WATER

SHEET NO. C4.22
SHEET 51 OF 83

CLV #41249 715-188

HTE #11-19927