



**BASIS OF BEARINGS**  
 NORTH 27°39'52" EAST, BEING THE BEARING OF THE CENTERLINE OF MAIN STREET BETWEEN COOLIDGE AVENUE AND HOOVER AVENUE AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 184 AT PAGE 25.

**PROJECT BENCHMARK**  
 PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)  
 CITY OF LAS VEGAS BENCHMARK: 2LV01-2756  
 NAVD88 ELEVATION: 613.0214 METERS (2011.22 FEET)  
 NDOT MON IN TOP OF CURB @ NE CORNER OF BONANZA AND MAIN.

- CONSTRUCTION NOTES**
- (A) WET TAP W/ 8"x8" TAPPING SLEEVE AND 8" TAPPING VALVE PER UDACS PLT NO. 34 & SECT. 2.24
  - (B) INSTALL 8" 90° BEND
  - (C) INSTALL 8" PVC WATER PER UDACS PLATE NO. 6C
  - (D) INSTALL 6" PVC WATER PER UDACS PLATE NO. 6C
  - (E) INSTALL 8"x8" TEE AND 6" GATE VALVE FOR FIRE HYDRANT INSTALLATION PER UDACS PLT NO. 40
  - (F) RELOCATE EXISTING FIRE HYDRANT PER UDACS PLT NO. 40
  - (G) CUT & CAP EXISTING WATER MAIN AFTER NEW MAIN IS IN SERVICE (ABANDON IN PLACE)
  - (H) EXISTING WATERLINE TO BE ABANDONED IN PLACE
  - (I) WET TAP W/ 6"x6" TAPPING SLEEVE AND 6" TAPPING VALVE PER UDACS PLT NO. 34 & SECT. 2.24
  - (J) INSTALL 8"x8" MJ REDUCER
  - (K) WET TAP W/ 16"x8" TAPPING SLEEVE AND 8" TAPPING VALVE PER UDACS PLT NO. 34 & SECT. 2.24
  - (L) REMOVE VALVE
  - (M) REMOVE EXISTING VALVE PER UDACS AND REMOVE 5' OF 8" ACP WL PER UDACS
  - (N) INSTALL 1" COPPER IRRIGATION WATER LINE WITH 3/4" METER PER UDACS PLATE NO. 4 AND 1" RPPA PER UDACS PLATE NO. 8
  - (O) RELOCATE EX. WATER METER PER UDACS PLT. NO. 4
  - (P) EXISTING FIRE HYDRANT, ADJUST TO GRADE
  - (Q) REPLACE EXISTING FIRE HYDRANT WITH NEW FIRE HYDRANT
  - (R) INSTALL 8" 45° BEND
  - (S) INSTALL 1" WATER SERVICE LATERAL PER UDACS PLT. NO. 4 AND RECONNECT TO EXISTING METER

**WATERLINE TRENCH NOTE:**  
 CONSTRUCT WATERLINE TRENCH SECTION AND BACKFILL PER UDACS PLATE NO. 17.

**ACP DISPOSAL NOTE**  
 DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

**LVVWD NOTE**  
 ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

APPROVED FOR CONSTRUCTION | 1st Approved 5/13/14  
*Y. D. SHORR*  
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER  
 DATE 4/15/14 PROJECT NO. 116752



*K. Smith*  
 CLV Fire Department

4/14/14  
 Date

PUBLIC WORKS DEPARTMENT		2277 SOUTH RAINBOW BOULEVARD LAS VEGAS, NV 89106 PH (702) 873-2550 FAX (702) 362-2587 WWW.VNVV.COM	
WATERLINE RELOCATION PLAN 1ST 33+00 TO 35+00 1ST STREET		DOWNTOWN PEDESTRIAN & BICYCLE IMPROVEMENTS 1ST STREET HOOVER AVENUE TO BRIDGER AVENUE	
DRAWN BY: DAM	4/19/2014	DESIGNED BY: RCH	4/10/2014
CHECKED BY: RCH	4/19/2014	PROJECT NO.:	SCALE: HORIZ. 1"=10' VERT. N/A
SHEET W6		39 OF 83 SHEETS	
DRAWING NO. 107V5664-1ST		H#38974	