

CITY OF LAS VEGAS PUBLIC WORKS GENERAL NOTES

1. EXACT LOCATIONS OF ALL SAW CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS RESIDENT PROJECT REPRESENTATIVE.
2. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND IMPROVEMENT DRAWINGS, LATEST REVISION.

NOTE:

NEVADA POWER, SPRINT CENTRAL TELEPHONE AND SOUTHWEST GAS SHOWN FOR INFORMATION ONLY. REFERENCE NEVADA POWER, SPRINT CENTRAL TELEPHONE, AND SOUTHWEST GAS DRAWINGS FOR CONSTRUCTION DETAILS. CONTRACTOR TO COORDINATE WITH PRIME CABLE, SOUTHWEST GAS CORP. SPRINT CENTRAL TELEPHONE OF NEVADA AND NEVADA POWER CO. FOR REMOVAL AND INSTALLATION OF FACILITIES.

ALL UTILITY LOCATIONS ARE APPROXIMATE ONLY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES:

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, SPECIFICATIONS, AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS, LATEST EDITION.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:
 - A. A MINIMUM OF EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY OR STORM SEWER LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS.
 - A. POTABLE WATER SUPPLY QUALITY MATERIAL.
 - B. ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM)
 - C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.
9. WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
10. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, REFILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.
12. CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 P.M. AND 6 A.M., SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS TO BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

CONDITIONAL APPROVAL OF VALVED OUTLET

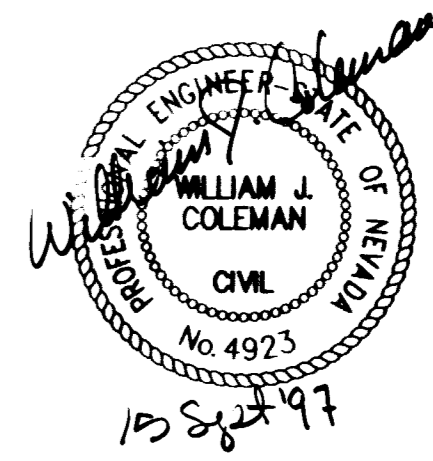
THE WATER PLANS SHOW ONE OR MORE VALVED OUTLETS EXTENDING OUT OF PAVED AREAS. INSTALLATION OF THESE OUTLETS IS ACCEPTABLE, HOWEVER, IF THE OUTLETS ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON WHEN THE PROPERTY IS ACTUALLY DEVELOPED, THE DEVELOPER SHALL ABANDON THE OUTLETS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE DISTRICT'S STANDARDS AND AT THE DEVELOPER'S EXPENSE.

APPROVAL OF THESE PLANS FOR THE SERVICE LATERALS TO FUTURE LOTS WILL NOT BE CONSTRUED AS A COMMITMENT FOR WATER SERVICE TO THESE PROPERTIES.

TYPICAL TRENCH SECTION

1. PROVIDE TRENCH SECTION IN ACCORDANCE WITH USD DWG NO. 504 MODIFIED AS FOLLOWS:
 - A. OMIT 12 FOOT MIN/LANE WIDTH PAVEMENT REMOVAL REQUIREMENT FOR LONGITUDINAL CUTS.
 - B. FOG SEAL MAY BE OMITTED.

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
 1-800-227-2600
 UNDERGROUND SERVICE ALERT (USA)



USE OF DOCUMENTS		NO.	REVISION	DATE	BY
THIS DOCUMENT, INCLUDING THE INCORPORATED DESIGNS, IS AN INSTRUMENT OF SERVICE FOR THIS PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KENNEDY/JENKS CONSULTANTS.					
DESIGNED	VAL				
DRAWN	RWR				
CHECKED					
Kennedy/Jenks Consultants 1455 E. Tropicana Avenue, Suite 300 Las Vegas, NV 89119					
CITY OF LAS VEGAS - STREET IMPROVEMENTS VEGAS DRIVE-RAMPART TO ROCK SPRINGS					
GENERAL UTILITY NOTES					
DWG NO.	107-V2684				
JOB NO.	967018.04				
DATE	JULY 1997				
SHEET	19 OF 50				
	U-1				

APPROVAL *[Signature]* 8/11/97
 10/02/97
 LAS VEGAS VALLEY WATER DISTRICT DATE

CITY OF LAS VEGAS PUBLIC WORKS GENERAL NOTES

1. EXIST LOCATIONS OF ALL GAS AND SANITARY MAINS, AS SHOWN ON THE MAPS BY A CITY OF LAS VEGAS STREET PROJECT REPRESENTATIVE.
2. ALL OFF-SETS APPROVED CONTRACTORS SHALL CONFORM TO THE LATEST PUBLISHED SPECIFICATIONS AND APPROVED DRAWINGS, LATEST EDITIONS.

NOTE:

SEWERING, TRENCH, SPECIAL CEMENT, TELEPHONE AND TELEVISION GAS MAINS FOR INFORMATION ONLY. SEWERING, WASTE PIPES, SPECIAL CEMENT, TELEPHONE, AND TELEVISION GAS MAINS FOR CONTRACTORS DESIGN CONTRACTS TO CORROBORATE WITH THESE CODES, SPECIFICATIONS AND CITY, SPECIAL CEMENT, TELEPHONE OF WISCONSIN AND WISCONSIA POWER CO. FOR SEWERING AND INSTALLATION OF FACTORIES.

ALL EXIST LOCATIONS AND APPROVED OFF-SETS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE NECESSARY MEASURES OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION.

LAS VEGAS VALLEY WATER DISTRICT STANDARD SPECIFICATIONS

1. ALL EXIST MAINS, SEWER MAINS, AND WATER MAINS SHALL BE LOCATED BY CONTRACTORS BY THE FOLLOWING METHODS: (A) BY THE USE OF GROUND PENETRATING RADAR (GPR) OR OTHER METHODS OF DETECTION. (B) BY THE USE OF EXISTING RECORDS. (C) BY THE USE OF SURVEYING METHODS. (D) BY THE USE OF OTHER METHODS OF DETECTION.
2. ALL EXIST MAINS, SEWER MAINS, AND WATER MAINS SHALL BE LOCATED BY CONTRACTORS BY THE FOLLOWING METHODS: (A) BY THE USE OF GROUND PENETRATING RADAR (GPR) OR OTHER METHODS OF DETECTION. (B) BY THE USE OF EXISTING RECORDS. (C) BY THE USE OF SURVEYING METHODS. (D) BY THE USE OF OTHER METHODS OF DETECTION.
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THE FOLLOWING METHODS SHALL BE USED IN THE CASE A MAIN LINE AND NUMBER OF MAINS, SHALL BE USED.

6. NUMBER OF EXISTING MAINS SHALL BE LOCATED BY CONTRACTORS BY THE FOLLOWING METHODS: (A) BY THE USE OF GROUND PENETRATING RADAR (GPR) OR OTHER METHODS OF DETECTION. (B) BY THE USE OF EXISTING RECORDS. (C) BY THE USE OF SURVEYING METHODS. (D) BY THE USE OF OTHER METHODS OF DETECTION.
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CONSTRUCTION METHODS OF WASTE TRENCH

THE METHODS OF CONSTRUCTION OF WASTE TRENCH SHALL BE AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES IN THE AREA OF THE TRENCH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES IN THE AREA OF THE TRENCH.

APPROVAL OF THIS PLAN FOR THE SPECIAL UTILITY TO BE MADE BY THE CITY OF LAS VEGAS PUBLIC WORKS DEPARTMENT.

TYPICAL TRENCH SECTION

1. TRENCH SECTION, SPECIAL UTILITY TO BE MADE BY THE CITY OF LAS VEGAS PUBLIC WORKS DEPARTMENT.
2. SEE DETAIL DRAWING.

REVISION
Call
before you
Dig
LAS VEGAS



NO. OF SHEETS	1
SHEET NO.	1
DATE	
BY	
CHECKED BY	
APPROVED BY	
DESIGNED BY	
DRAWN BY	
CITY OF LAS VEGAS - PUBLIC WORKS DEPARTMENT	GENERAL UTILITY NOTES
DATE	
BY	
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APPROVAL OF THIS PLAN FOR THE SPECIAL UTILITY TO BE MADE BY THE CITY OF LAS VEGAS PUBLIC WORKS DEPARTMENT.