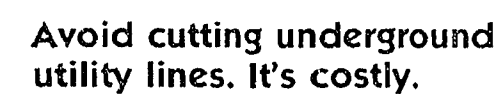


The Contractor shall abandon all existing valves where shown on the drawings by removing a minimum of the top 12 inches of the valve box and then filling the remaining portion of the valve box with concrete having a compressive strength of not less than 3,000 psi. The valve shall be abandoned in the closed position unless shown otherwise on the drawings. The Contractor shall then backfill and repave the area disturbed during abandonment of the valve in accordance with the most recent edition of the Standard Specifications for Public Works Construction Offsets Improvements Clark County area.



**Call
before you
Dig.**

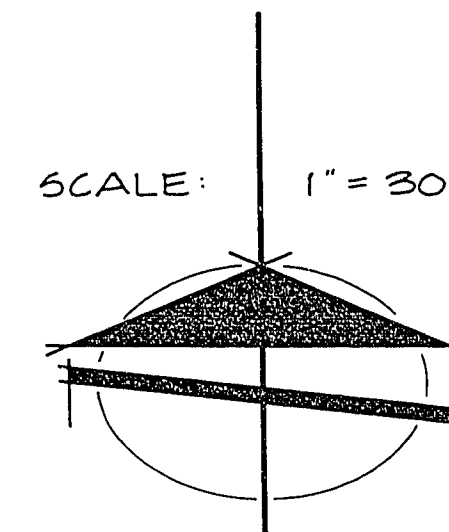
1-800-227-2600

1. All Construction and materials shall be in accordance with the Design and Construction Standards of the Clark County Sanitation District. The District's Standards are the Basis for Public Works; Construction Off-Site Improvements, Clark County Health, Welfare and Safety Department. However, the District's Criteria shall supersede the Uniform Standard Specifications.
2. Clark County Sanitation District's Standard Drawings shall apply to all construction.
3. Sewer mains will be to laid in sewer trenches.
4. All 4" house laterals to be laid at not less than minimum slope and shall be in accordance with the District's Standards.
5. Sewer laterals locations to be marked in accordance with Standard Drawing SP-11 in the District's Standards.
6. It shall be the contractor's responsibility to perform construction as per plan.
7. All shall be in accordance with the approval of the Clark County Sanitation District.
8. If a lateral is under a driveway, concrete slab, or A.C. area, the lateral shall be encased and raised to grade with a slotted brass cap or within a water meter box which as a minimum shall be 18" deep. The lateral shall be installed in accordance with Standard Drawings SD-12.
9. Soil testing shall be in accordance with Item # 21 of the construction standards of the District's Design and Construction Standards.
10. All exfiltration, infiltration and air testing of lines shall be in accordance with the District's Design and Construction Standards.
11. CUS sheets must be submitted to the District before construction will be permitted to start.
12. All contractors installing sewer mains which will be under the jurisdiction of the District must be Class "A" contractors.

1. All work to conform to Las Vegas Valley Water District standard plates.
2. All work except as modified hereon or by Note No. 1 shall be done in accordance with the most current draft or edition of Uniform Standard Specifications for Public Works Construction Off-Site Improvements Clark County Area.
3. Notice to be given Engineering Department of the Las Vegas Valley Water District 48 hours prior to actual construction.
4. Service saddles or tapped collars will be required on all 3/4" and 1" service laterals. Service saddles only will be permitted on 1 1/2" and 2" service laterals. Double tapped collars are not permitted.
5. All lines to be pressure tested to 200 psi.
6. All valve boxes shall have concrete collars at surface of paved area.
7. Installation angle shall not exceed 2 1/2 degrees per 13 foot section of pipe for pipe sizes smaller than 14 inches and shall not exceed 2 degrees for pipe, sizes between 14" and 16".
8. All meters shall be located outside of driveways.
9. Detector tape shall be installed in accordance with Standard Plate No. 27.
10. A. Over all mains not installed at 6 feet from back of curb.
B. Over all service laterals not installed at right angles to mains.
11. Call before you dig - 1-800-227-2600
12. Install water meters per Las Vegas Valley Water District Standard Plate 1 or 1A.

1. All work shall be done in strict accordance with City of Las Vegas Standard Specifications.
2. All work shall be done in strict accordance with the City of Las Vegas Fire Department "Hydrant Specifications" and "Hydrant Installation Specifications".
3. On any new home or building construction, accessible fire hydrants shall be installed before actual construction commences and said fire hydrants shall be in good working order with an adequate water supply.
4. Painting of the curbs and/or striping of asphalt protection of hydrants from physical injury per City Fire Department "Hydrant Installation Specifications" shall be completed before approval of the hydrants by the City of Las Vegas Fire Department can be obtained.

The location of underground utilities shown hereon has been determined from surface evidence of their existence or from information obtained from the utility companies. The Engineer accepts no liability for the existence or non-existence of utility lines. Contractors and others using this map must confirm the location of underground lines or structures with the utility companies prior to commencing any excavation.



— — — — —	STREET CENTERLINE
— ... —	PROPERTY LINE
=====	BUILDING LINE
— — W — —	EXIST. WATER LINE
— — S — —	EXIST. SEWER LINE

B.M. # C1117D2 - NAIL & TAG IN TOP OF CURB,
@ SOUTHEAST RETURN OF DESERT INN ROAD
AND ALDEBARAN
ELEV. = 2119.37 C.C.E.D. DATUM

1.	WET TAP	1 EA.
2.	8"x 8"x 6" TAPPING TEE W/THRUST BLOCK	1 EA.
3.	6" TAPPING VALVE W/ BOX & COVER	1 EA.
4.	6" ACP WATER LINE	15 LF
5.	FIRE HYDRANT ASSEMBLY	1 EA.
6.	2" SERVICE CONNECTION BY L.V.V.W.D.	1 EA.
7.	2" SERVICE LINE (PE) BY L.V.V.W.D.	55 LF
8.	WATER METER BY LVVWD (2")	1 EA.

C.C. SANITATION DISTRICT	DATE
N/A 1st	
CLV QUALITY CONTROL ENGINEER	DATE
1st 2nd	J-6-81
CLV LAND DEVELOPMENT ENGINEER	DATE
David A. Donnelly	5/14/87
LAS VEGAS VALLEY WATER DISTRICT	DATE
R. Burch	5-11-87
CLV FIRE CHIEF	DATE

CLARK COUNTY SANITATION DISTRICT
APPROVED
By Stanley E. Shumake Date 5-13-87

Approval of these plans shall not be construed to be a permit for, or an approval of, any violation of Clark County Sanitation District rules, regulations or design and construction standards.

PREPARED FOR:
RANCHO ROAD
ASSOCIATES

DATE MARCH 1987

DESIGN R.E.T.

DRAWN J.W.L.

CHECK

BAUGHMAN & TURNER
CIVIL ENGINEERS MINING ENGINEERS
LAND SURVEYORS

SEWER & WATER DESIGN
THE PALMS BUSINESS CENTRE NORTH

SHEET
OF
7
PROJ. NO.