

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 TO A LVVWD INSPECTION.

2. ALL WORK SHALL CONFORM THE LVVWD'S STANDARD PLANS, DRAWING, AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS OF WATER DISTRIBUTION SYSTEMS (UDACS), 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 SPECIFICATION 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. MINIMUM 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. PORTABLE WATER SUPPLY QUALITY MATERIAL.
B. ENCASUREMENT WITH FOUR (4) INCH CONCRETE (MINIMUM)
C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.

EACH PROVISION MUST EXTEND ALONG THE SANITARY OR STORM SEWER, ON EITHER SIDE OF THE MAIN, A MINIMUM 10 FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.

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 FILED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONSTRUCTION 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 PM AND 6 AM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.

13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

CONSTRUCTION NOTES

1. ALL WATER AND SEWER TO PUBLIC WORKS STANDARDS, AND TO CONFORM W/ LATEST ADOPTED EDITION OF UBC, UPC AND UFC OF GOVERNING AGENCY.
2. ANY WATER SMALLER THAN 4" MAY BE P.E. OR APPROVED EQUAL.

LEGEND

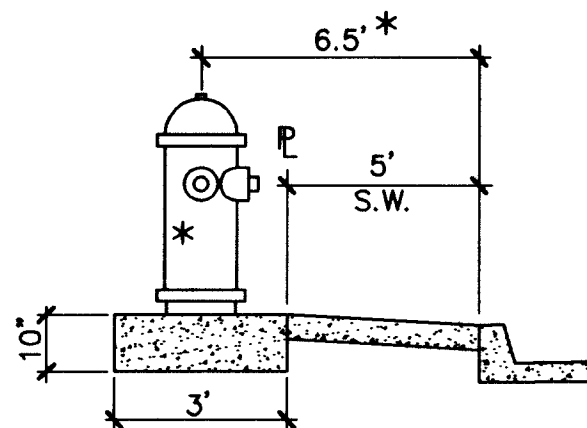
- FDC FIRE DEPT. CONNECTION
DCDA DOUBLE CHECK DETECTOR ASSEMBLY
RPPA REDUCED PRESSURE PRINCIPLE ASSEMBLY
PIV POST INDICATING VALVE
T.C.O. TOP OF CLEAN OUT
UDACS UNIFORM DESIGN & CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS.
UPC UNIFORM PLUMBING CODE
UFC UNIFORM FIRE CODE
P.E. POLY ETHYLENE TUBING
TE TRASH ENCLOSURE
ESMT. EASEMENT
LVVWD LAS VEGAS VALLEY WATER DISTRICT
FIRE HYDRANT
MANHOLE
WATER LINE TEE
WATER LINE ELBOW
WATER LINE CAP
FF FINISH FLOOR
LF LINEAR FOOT
INV INVERT
TMH TOP OF MANHOLE
VALVE
TRANSFORMER

Avoid cutting underground utility lines. It's costly.

Call
before you
Dig
1-800-227-2800

Avoid overhead power line contact

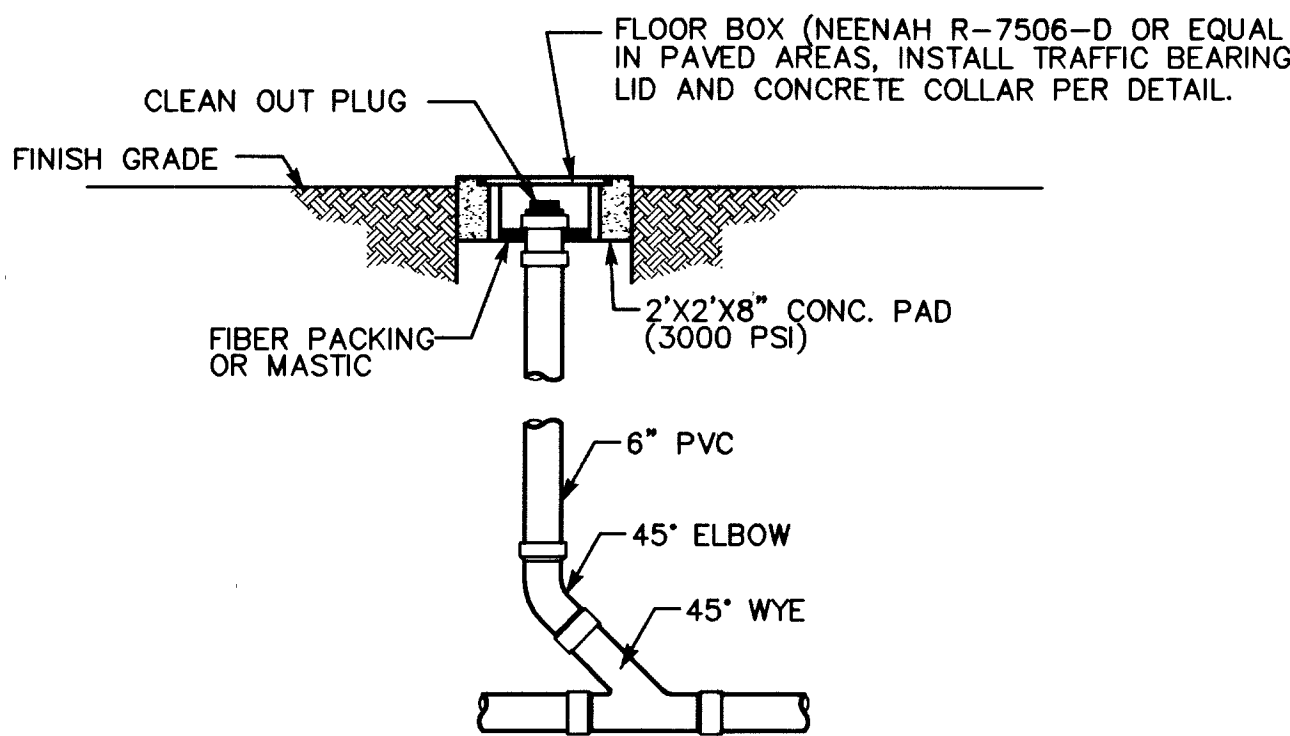
Call
before you
OVERHEAD
1-702-593-6111



FIRE HYDRANT DETAIL

HYDRANT TO BE LOCATED 4' FROM BC WHERE THERE IS NO SIDEWALK.

FIRE HYDRANT INSTALLATION
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7



SEWER CLEAN OUT DETAIL

N.T.S

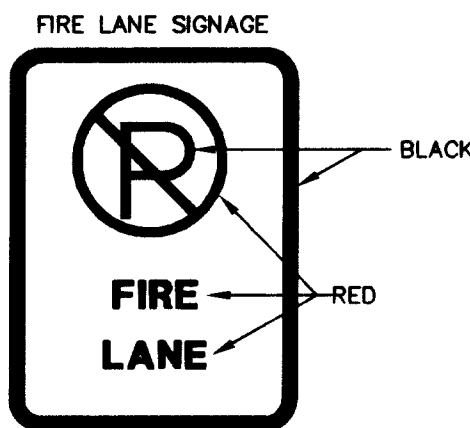
BENCHMARK

CITY OF LAS VEGAS BENCHMARK: #1LV10-6SSE6
PROJECT DATUM: NAVD88
NAVD88 ELEVATION: 860.2093 METERS (2822.20 FEET)
RIVET AND PLATE IN TOP OF CURB LINE AT NORTHEAST CORNER OF SAHARA AND WELLINGTON MEADOWS AT 9500 W. SAHARA

BASIS OF BEARINGS

SOUTH 89°47'47\"/>

NOTE: CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.



MINIMUM SPECIFICATIONS OF "NO PARKING FIRE LANE SIGNS" WITH CURB PAINTED RED (1 SIDE)

SIZE: 1" WIDE X 1 1/2" LONG OR 2" WIDE X 2 1/2" LONG AS REQUIRED
COLOR: RED AND BLACK ON WHITE LUMINOUS BACKGROUND (SEE ABOVE EXAMPLE)

SYMBOL: INTERNATIONAL NO PARKING SYMBOL
HEIGHT: TO BE INSTALLED NOT LESS THAN SEVEN (7) FEET NOR MORE THAN TEN (10) FEET FROM GROUND LEVEL.

FIRE LANE SIGN

TYPICAL DETAIL

FIRE LANE NOTES:

FIRE LANE "NO PARKING" SIGNS SHALL BE INSTALLED PER THE DIRECTION OF THE FIRE DEPARTMENT INSPECTOR.

AS DIRECTED BY THE FIRE DEPARTMENT INSPECTOR ALL DRIVE LANE CURBS SHALL BE PAINTED RED EXCEPT WHERE ADJACENT TO PARKING SPACES AND LOADING AREAS.

APPROXIMATE LOCATIONS OF THE PAINTED CURBS ARE INDICATED ON THE PLAN BY A SHADED LINE ALONG THE BACK OF CURB.

TRIPLE FIVE NEVADA DEV CP
9510 WEST SAHARA SUITE 200
LAS VEGAS, NEVADA 89117
702-242-0837 FAX 702-360-9128

CITY OF LAS VEGAS

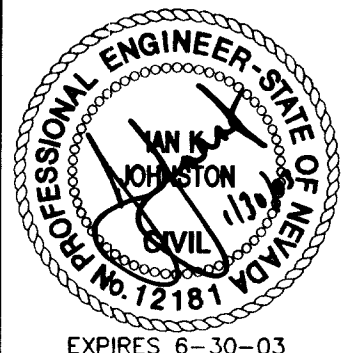
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-8148
PH. (702) 873-7550 FAX (702) 362-9597

neveda
CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

UTILITY DETAILS
PAD 01 RETAIL BUILDING
AND PARKING GARAGE

WELLINGTON VILLAGE SQUARE
AT PECCOLE RANCH

DRAWN BY: 2003
DESIGNED BY: 2003
CHECKED BY: 2003
PROJECT NO: 5065-01
SCALE: NA
HORIZ. VERT.



SHEET
6 OF 8 SHEETS
DRAWING NO.
3074-4522-1A