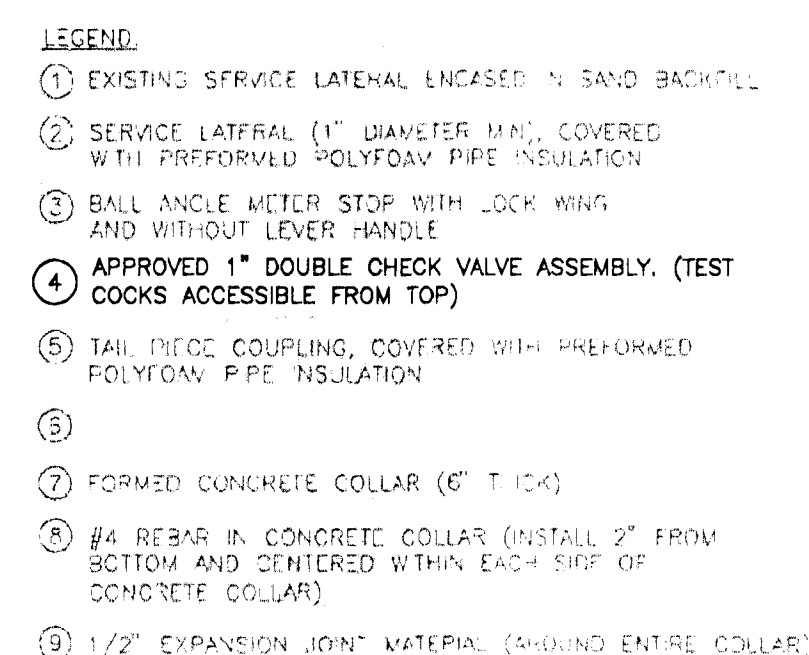




**PLAN VIEW**

IF BACK OF CURB IS PROPERTY LINE, EASEMENT IS REQUIRED (SEE NOTE 2)

4" MIN CURB & GUTTER

4" MIN

METER AND DOUBLE CHECK VALVE ASSEMBLY CENTERED 1/2" EACH SIDE OF PROPERTY LINE

3000 PSI CONCRETE COLLAR 1/2" EACH SIDE OF PROPERTY LINE

CONTROL JOINT

**ELEVATION**

VARIES

PAVEMENT, CURB & GUTTER (ALT. OR MAY NOT EXIST)

KEYWAY 3/4" MIN

12" MIN R

4" MIN

4" MIN

24" MIN RADIUS (SEE NOTE 3)

FOR LEGEND SEE SHEET 2

**SERVICE INSTALLATION NOTES:**

- ONE ADDITIONAL FLARED COUPLING, OR COMPRESSION COUPLING IS ALLOWED BETWEEN THE CORPORATION STOP, AND THE ANGLE METER STOP IF THE TOTAL LATERAL LENGTH IS GREATER THAN 40'.
- CURB-DE-SAC SERVICE LATERALS MUST FOLLOW THE MOST DIRECT ROUTE POSSIBLE BETWEEN SERVICE SHADE AND ANGLE METER STOP HORIZONTAL BENDING RADIUS ALLOWED IS 24" MIN FOR 1" TUBING. MAXIMUM DEFLECTION ANGLE ALLOWED IS 90°.
- IF A 24" MIN. RADIUS CAN NOT BE MAINTAINED AN APPROPRIATE SIZE 90° COMPRESSION OR FLARED CONNECTION SHOULD BE USED.
- FLUSH LATERAL PRIOR TO SETTING METER.
- ALL METERS SHALL BE LOCATED ONLY IN EXISTING OR FUTURE SIDEWALK AREA.
- EXISTING SIDEWALK PANELS REMOVED FOR SERVICE INSTALLATIONS ARE TO BE REPLACED TO NEAREST WEAKENED PLANE, ONLY AS REQUIRED (TYP)

- ① SERVICE SADDLE
- ② CORPORATION STOP (BALL TYPE)
- ③ SERVICE LATERAL. SIZE TO MATCH METER
- ④ UPSTREAM BALL ANGLE METER STOP TO MATCH- METER SIZE WITH LOCK WING AND WITHOUT LEVER HANDLE.
- ⑤ FIRE SERVICE METER (FSM), DISTRICT APPROVED AND SUPPLIED, CONTRACTOR INSTALLED
- ⑥ BRASS TAIL PIPE COUPLING (12" MIN)
- ⑦ 2" METER BOX INSTALLED AS NEAR TO FUTURE. FINAL GRADE POSSIBLE.
- ⑧ FORMED CONCRETE COLLAR 6" IN EXISTING SIDEWALK AREAS AND 12" WHERE NO SIDEWALK EXISTS (TYP). #4 REBAR TO BE INSTALLED EACH WAY ON ALL SIZES OF CONCRETE COLLAR
- ⑨ SAND BACKFILL FULL WIDTH OF TRENCH
- ⑩ PREFORMED POLYFOAM PIPE INSULATION (1/2" MIN). MAY BE USED IN LIEU OF SAND BACKFILL AT METER BOX.
- ⑪ 1/2" EXPANSION JOINT MATERIAL
- ⑫ APPROVED DOUBLE CHECK VALVE ASSEMBLY. (TEST COCKS ACCESSIBLE FROM TOP) SIZE TO MATCH METER
- ⑬ BRASS PIPE THREADED BOTH ENDS (12" MIN)
- ⑭ APPROVED COUPLING FOR CONNECTION FROM METER AND DOUBLE CHECK VALVE ASSEMBLY

2 DCVA INSTALLATION  
UT-A SCALE: N.T.S.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MO

DATE: \_\_\_\_\_ PROJECT NUMBER: 114678

|                                                                                                                                                                                                                                                             |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <p>AVOID HITTING UNDERGROUND<br/>POWERS LINES. IT'S COSTLY.</p> <p><b>Call before you Dig</b><br/>and safety underground<br/>isn't just a duty,<br/>it's a habit.</p>  | <p>AVOID HITTING OVERHEAD<br/>POWER LINES. IT'S COSTLY.</p> <p><b>Call before you Overhead</b></p> |
| <p>1-702-455-7511<br/>CLARK COUNTY PUBLIC WORKS<br/>1-702-455-5300<br/>FIRE AND ARTIFICIAL<br/>ENTERTAINMENT (F.A.E.)</p>                                                                                                                                   | <p>1-702-227-2626<br/>NEVADA POWER ENVIRONMENT<br/>&amp; SAFETY SERVICES DEPARTMENT</p>            |
| <p>1-800-227-2600<br/>AND<br/>CLARK COUNTY PUBLIC WORKS<br/>1-702-455-7514</p>                                                                                                                                                                              |                                                                                                    |

|                                                                                             |  |                                                                                             |  |                                                                                     |  |
|---------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|           |  | <b>UT-C</b><br><small>376 of 37</small><br><small>Q.Y. DRAWING NO.</small><br><b>676-12</b> |  | Sheet <span style="border: 1px solid black; padding: 2px;">2</span>                 |  |
|                                                                                             |  | No. 7885                                                                                    |  | No. 7885                                                                            |  |
| <b>PROFESSIONAL ENGINEER-STATE OF NEVADA</b>                                                |  | <b>SAM C. DUNNAM</b><br>EXP. 12-31-10<br><b>CIVIL</b>                                       |  | No. 7885                                                                            |  |
| DRAWN BY: _____<br>CLM                                                                      |  | 3/01/10                                                                                     |  | <b>NEON BONEYARD PARK</b><br><br><b>CITY OF LAS VEGAS</b>                           |  |
| DESIGNED BY: _____<br>CLM/SCD                                                               |  | 3/01/10                                                                                     |  |                                                                                     |  |
| CHECKED BY: _____<br>SCD                                                                    |  | 3/01/10                                                                                     |  |                                                                                     |  |
| PROJECT NO: _____<br>06089C                                                                 |  | SCALE: _____<br>N.T.S.                                                                      |  |                                                                                     |  |
| SHEET: _____                                                                                |  | UTILITY DETAILS                                                                             |  |  |  |
| DEPARTMENT OF PUBLIC WORKS<br>400 EAST STEWART<br>LAS VEGAS, NEVADA 89101<br>(702) 229-6276 |  |        |  |                                                                                     |  |
| TITLE:                                                                                      |  | REVISIONS                                                                                   |  |                                                                                     |  |
| ADD'D SHEETS UT-A THRU UT-C                                                                 |  | NO. DATE:                                                                                   |  |                                                                                     |  |
| 3/10/10                                                                                     |  | 3/10/10                                                                                     |  | APP'D                                                                               |  |
| 2                                                                                           |  | DESCRIPTION                                                                                 |  | 6960 Smoke Ranch #110 - Las Vegas, NV 89128 - p. 702-255-8100 - f. 702-255-8375     |  |