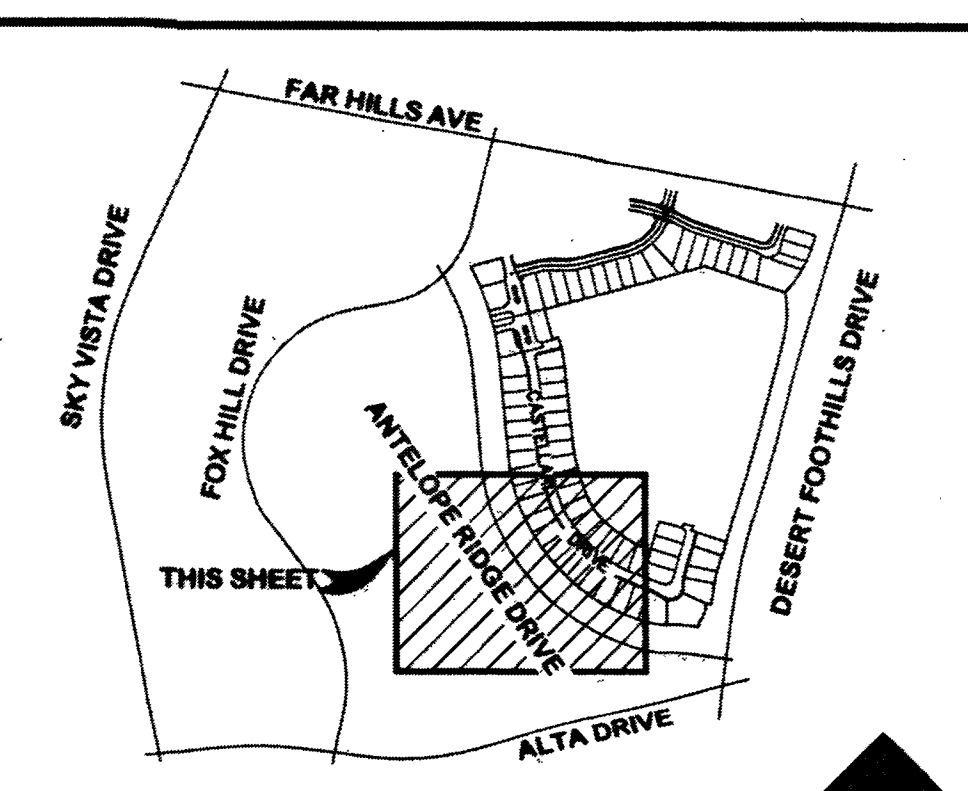




- 1 CONSTRUCT 48" MANHOLE (STD. DWG. SD-1A AND SD-1B)
- 2 INSTALL 8" SDR-35 PVC (PUBLIC) SANITARY SEWER PIPE
- 3 CAP & PLUG 8" SANITARY SEWER PIPE
- 4 INSTALL 4" PVC SANITARY SEWER LATERAL W/18" MIN. CLEARANCE
FROM BOTTOM OF WATER TO TOP OF SEWER
(STD. DWG. SD-22, SD-23 & SD-25)
- 5 CONNECT TO EXISTING SANITARY SEWER PIPE

- ## NOTES

1. ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.2.2 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.
2. EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE TREES, SHRUBS, OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER OBSTACLE LATERAL SHALL REMAIN AND BE CONSTRUCTED AROUND (SEE EASEMENTS) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.
3. PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER MANHOLE INSTALLATION INSTRUCTION.
4. WATER NOTES FOR SEPARATION FROM DRY UTILITIES:
- MAINTAIN MINIMUM 12" OF VERTICAL SEPARATION BETWEEN WATER AND DRY UTILITIES AT ALL POINTS OF CROSSING.
 - MAINTAIN A MINIMUM 18" HORIZONTAL SEPARATION FROM WATER LINES.
 - ANY EXCAVATION BACK OF CURB MUST REMAIN OPEN FOR INSPECTION OF COPPER SERVICE LATERALS. ANY COPPER SERVICE LATERAL KNOWN, BELIEVED, OR OTHERWISE DAMAGED, MUST BE REPLACED FROM THE MAIN TO THE LINE, METER STOP.
5. ALL LOTS/LOT: 14-25 & 71-79

- THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND ARE NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LIVING FACILITIES.

6. WATER MAIN JOINT DEFLECTION (PVC 4" - 24")

A. PIPE SHALL BE 15' MAXIMUM SPACING ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET PER UDCAS 2.07.01 AND 2.07.02.

B. IF CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

C. ALL ABOVE GROUND UTILITY APPURTENANCES WILL CONFORM TO THE REQUIREMENTS OF THE CITY OF CHICAGO AND ALL UTILITIES SERVING NEW DEVELOPMENT SHALL BE UNDERGROUND. ABOVE GROUND UTILITY APPURTENANCES VISIBLE FROM PUBLIC STREETS SHALL BE SCREENED.

8. MAINTAIN 5' OF PARALLEL SEPARATION BETWEEN POWER POLES AND WATER

4. DISHAR FR. Dgm
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICE MANAGER
DATE 3/16/15 PROJECT NO. 123250
LVWD APPROVED FIRE FLOW 1,750 GPM AT 20 P.S.I. RESIDUAL
DISCLAIMER NOTE

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

