



NOTE: WASTEWATER COLLECTION LINES ARE TO BE CONSIDERED A PART OF THE OSSF AND SUBJECT TO THE DESIGN AND CONSTRUCTION REQUIREMENTS OF TCEQ Ch. 285. ADDITIONAL SPECIFICATIONS AND DETAILS ARE SHOWN ON THE OSSF PLANS. WASTEWATER SEWER COLLECTION SYSTEM CONSTRUCTION WILL BE SUBJECT TO INSPECTION AS PART OF THE OSSF.

NOTE: MAINTAIN MINIMUM 10' HORIZONTAL SEPARATION BETWEEN POTABLE WATER LINES AND ALL OSSF COMPONENTS. SEE SLEEVING DETAIL FOR WATER - WASTEWATER PIPE CROSSINGS.

**KEYED NOTES:**

1. INSTALL NEW WET TAP AND 1" COMMERCIAL WATER METER ON EXISTING 4" MAIN IN ACCORDANCE WITH AQUA WSC REQUIREMENTS.
2. INSTALL 2" PVC Sch. 40 WATER LINE. SEE INSTALLATION AND DISINFECTION NOTES, THIS SHEET.
3. INSTALL 4" PVC Sch 40 SLEEVE ON WATER LINE WITHIN 10' EACH SIDE OF WASTEWATER LINE CROSSINGS. SEE DETAIL.
4. INSTALL 1 - 2" GATE VALVE IN VALVE BOX ACCESSIBLE FROM GRADE.
5. INSTALL 2 - 2" GATE VALVES IN VALVE BOX ACCESSIBLE FROM GRADE.
6. 2,500 GALLON FIRE SUPPRESSION WATER STORAGE TANK. TANK DESIGN & INSTALLATION DETAIL BY OTHERS.

**LEGEND**

- PROPOSED WATER LINE
- PROPOSED WASTEWATER LINE (SEE WASTEWATER COLLECTION PLANS)
- PROPOSED SPRAY DISPOSAL SUPPLY LINE (SEE OSSF PLANS)
- RV WASTEWATER SERVICE
- RV WATER SERVICE CONNECTION
- ⊕ WATER VALVE IN VALVE BOX

SCALE: 1"=50'

0 25 50 100

**WARNING! EXISTING UNDERGROUND UTILITIES**

The location of existing underground obstructions/utilities (gas mains, water mains, sewer mains, storm sewers, telephone cables, sprinkler systems, etc.) shown on the Plans does not necessarily indicate all obstructions that may be encountered during construction or the exact location of the obstructions/utilities. The Contractor will be expected to make an examination of available records, uncover all existing underground obstructions ahead of trenching or excavating and proceed with his work in accordance with the information found. The Contractor shall exercise extra care when excavating near to, trenching over or tunneling under existing utilities and adopt such construction methods and provide support as necessary to protect and permanently maintain the utilities in service during and after construction. The Contractor will be responsible for any damage to the utility; all damages resulting from abandonment, relocation or replacement must remain functional as long as needed to maintain operations. The Owner and Engineer assume no responsibility for failure to show any or all of these structures on the plans or to show them in their exact location. It is mutually agreed that such failure to show these structures or to show them in their exact location will not be considered sufficient basis for claims for additional compensation for extra work.

**WATER LINE CONSTRUCTION NOTES**

1. R.O.W. AND FRONT PROPERTY LINE ARE TO BE ACCURATELY STAKED PRIOR TO BEGINNING WATER LINE CONSTRUCTION.
2. PIPE MATERIAL FOR WATER LINES 3" AND SMALLER SHALL BE PVC SCH. 40. INSTALL CONCRETE THRUST BLOCKING AT ALL FITTINGS AND PIPE DEFLECTIONS AS REQUIRED. ALL PIPE, VALVES, FITTINGS AND OTHER MATERIALS SHALL COMPLY WITH AQUA W.S.C. AND AWWA STANDARDS.
3. PIPE BENDS SHALL BE ACCOMPLISHED BY DEFLECTING THE PIPE BARREL ONLY, TO A MINIMUM BEND RADIUS OF 75 FEET. DEFLECTION OF PIPE JOINTS IS NOT ALLOWED.
4. AQUA W.S.C. INSPECTOR SHALL OBSERVE ALL TAPS ONTO EXISTING AQUA W.S.C. UTILITY LINES.
5. CONTRACTOR SHALL DISINFECT AND PRESSURE TEST ALL WATER LINES AT HIS EXPENSE. THE AQUA W.S.C. INSPECTOR SHALL BE NOTIFIED 36 HOURS PRIOR TO ALL UTILITY LINE TESTING. CONTRACTOR IS RESPONSIBLE FOR SAMPLING AND DELIVERY OF BACTERIOLOGICAL TESTS TO THE STATE DEPARTMENT OF HEALTH. ALL TEST RESULTS WHETHER PASSING OR FAILING SHALL BE PROVIDED TO THE AQUA W.S.C. INSPECTOR.
6. A MINIMUM HORIZONTAL SEPARATION OF 10' IS REQUIRED BETWEEN POTABLE WATER PIPING AND ANY COMPONENT OF THE ON-SITE SEPTIC SYSTEM. WATER/WASTEWATER CROSSINGS SHALL BE MADE IN ACCORDANCE WITH TCEQ 290.44(e) AND SHALL INCLUDE WATER LINE SLEEVING PER THE CROSSING DETAIL SHOWN ON THIS SHEET.

**DRAW**  
22 OCT 2020

**SCOPE OF THIS DRAWING**  
These drawings shall not be used for construction unless they are issued for construction.

**REVISIONS**

NO.	DATE	DESCRIPTION

DRAWN BY: DK  
CHECKED BY: DW  
DATE: JG 2020

**WATER & UTILITY**

DRAWING NUMBER: 8  
SHEET NO.: 8/10