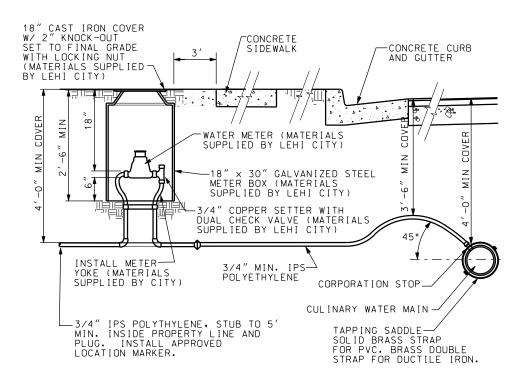


THRUST BLOCK TYPICAL	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
PLUG UND ISTURBED SOIL TRENCH BOTTOM MECHANICAL JOINT W/ RETAINER GLAND PLUG DETAIL	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
FIRE VALVE HYDRANT FIRE HYDRANT FIRE HYDRANT CROSS FOR 100 P.S.I. INTERNAL STATIC PRE SOIL BEARING CAPACITY.	ESSURE AND 1000 LBS. PER SQ. FT.
BAR SIZES FOR 100 PSI BAR SIZES FOR 100 PSI BOTTOM BOTTOM A BOTTOM A BOTTOM BOTTOM A BOTTOM BOTTOM	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
REQ'D FOR VERT. BEND ANCHOR BLOCKS FOR 10 VOLUMES BY MULTIPLYING TABULATED VALUES B F= ACTUAL SPECIFIED TEST PRESSURE 100 TABLE OF VOLUMES OF CONCR NOTES: 1. ALL FITTINGS SHALL BE COVERED WITH F APPROVED MATERIAL PRIOR TO POURING 2. FM GRADE GREASE SHALL BE USED FOR AN 3. ALL TRUST BLOCKS AGAINST NON-NATIVE UPSIZED UNLESS A BEARING PRESSURE OF PROVIDED.	DO P.S.I. PRESSURE ADJUST A CORRECTION FACTOR "F". ETE (IN CU.FT.) PLASTIC OR OTHER THE THRUST BLOCK LL BOLTED FITTINGS. MATERIALS SHALL BE DIALONG MATERIALS SHALL BE MATERIALS SHALL BE MATERIALS SHALL BE MATERIALS SHALL BE MATERIALS SHALL



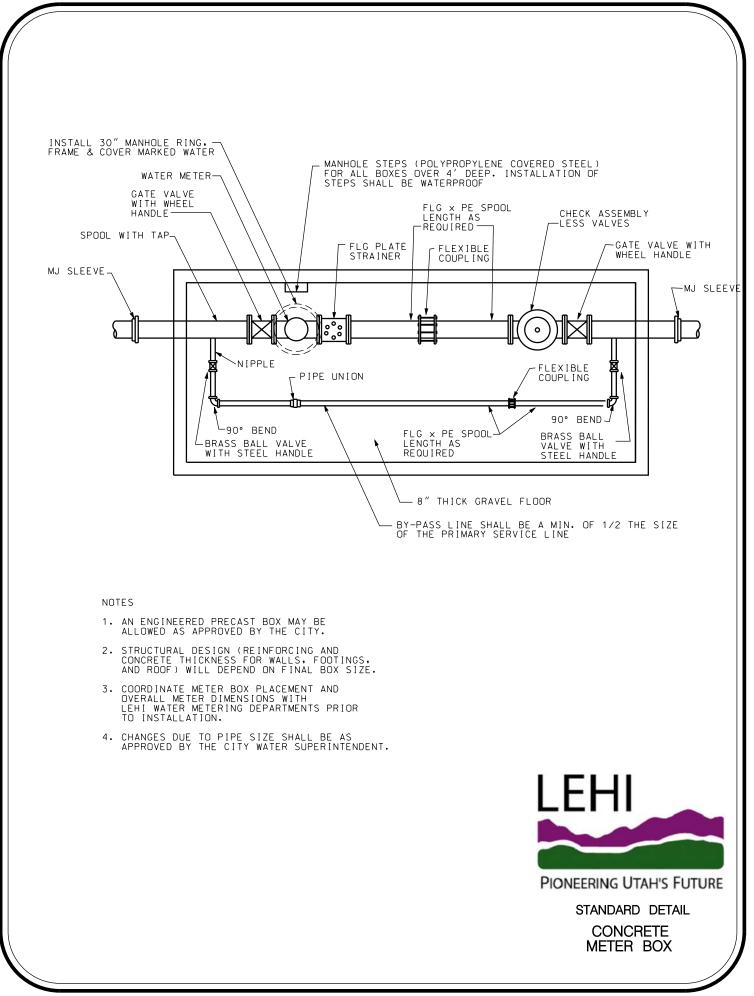
GENERAL NOTES:

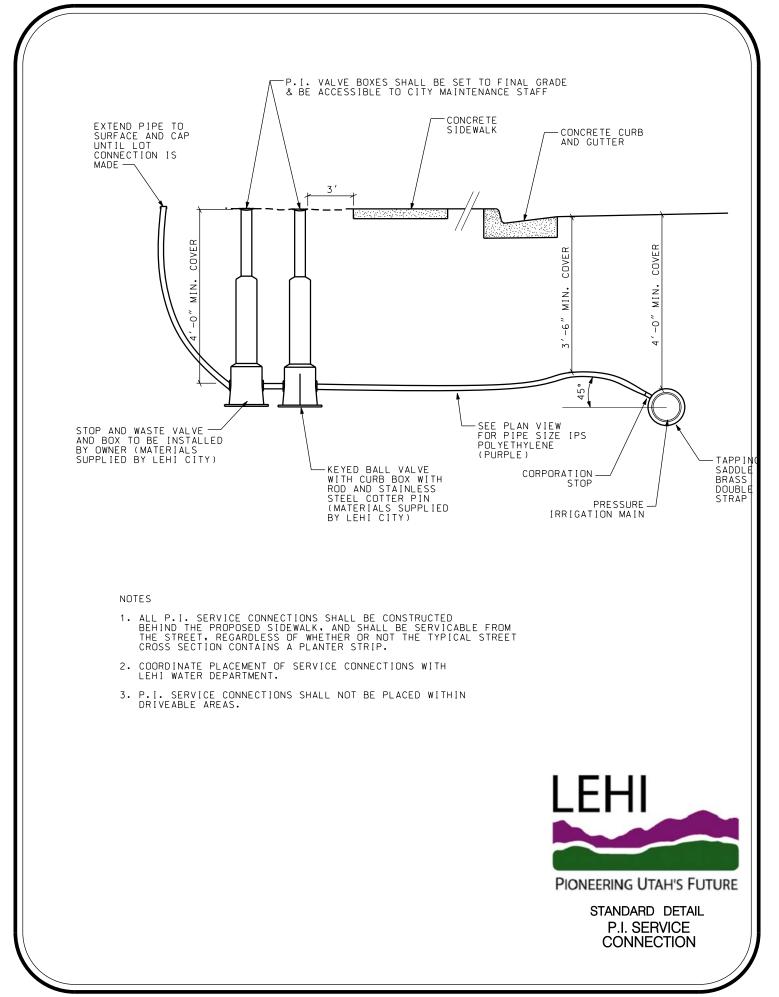
- 1. 10'-0" EDGE TO EDGE HORIZONTAL CLEARANCE IS REQUIRED BETWEEN WATER AND SEWER LATERAL SERVICE LINES.
- 2. WHERE WATER AND SEWER LATERALS MUST CROSS, WATER LATERAL SHALL BE 18" ABOVE THE SEWER LATERAL AS MEASURED FROM THE BOTTOM OF THE WATER LATERAL TO THE TOP OF THE SEWER LATERAL. THIS SEPARATION SHALL BE MAINTAINED FOR A MINIMUM OF 10'-0" EITHER SIDE OF THE CROSSING POINT.
- 3. ALL CULINARY WATER METERS SHALL BE CONSTRUCTED BEHIND PROPOSED SIDEWALK, AND SHALL BE SERVICABLE FROM THE STREET, REGARDLESS OF WHETHER OR NOT THE TYPICAL STREET CROSS SECTION CONTAINS A PLANTER STRIP.
- 4. COORDINATE PLACEMENT OF WATER METER WITH LEHI WATER DEPARTMENT.
- 5. TEFLON TAPE REQUIRED ON ALL THREADED CONNECTIONS.
- 6. CULINARY WATER METERS SHALL NOT BE PLACED WITHIN DRIVABLE AREAS UNLESS OTHERWISE APPROVED BY WATER DEPARTMENT.

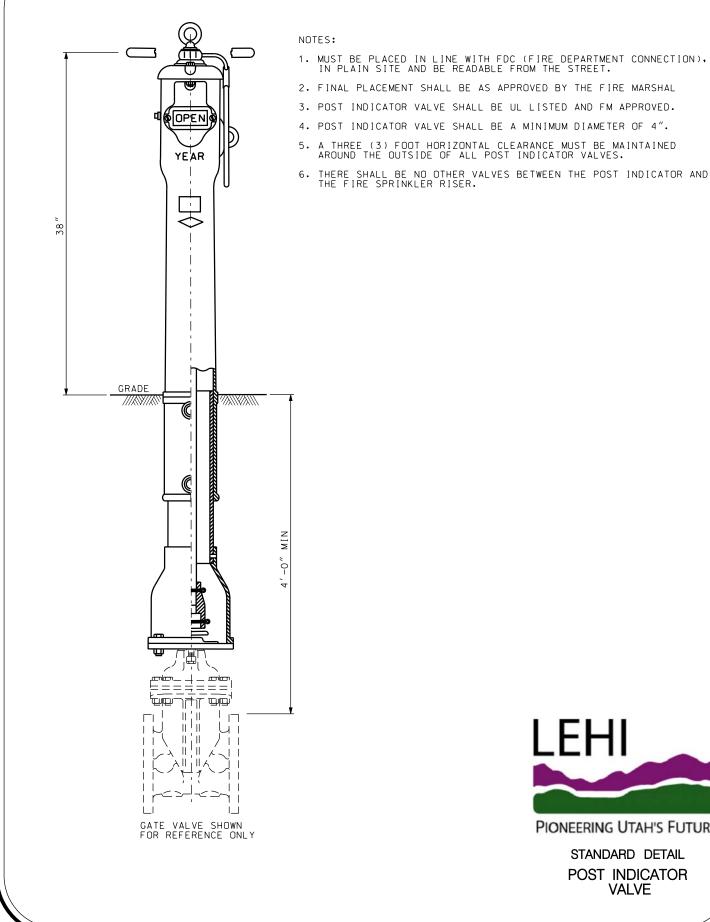


PIONEERING UTAH'S FUTURE

STANDARD DETAIL CULINARY SERVICE CONNECTION







- NOTES:
- 1. MUST BE PLACED IN LINE WITH FDC (FIRE DEPARTMENT CONNECTION), IN PLAIN SITE AND BE READABLE FROM THE STREET.
- 3. POST INDICATOR VALVE SHALL BE UL LISTED AND FM APPROVED.

4. POST INDICATOR VALVE SHALL BE A MINIMUM DIAMETER OF 4".

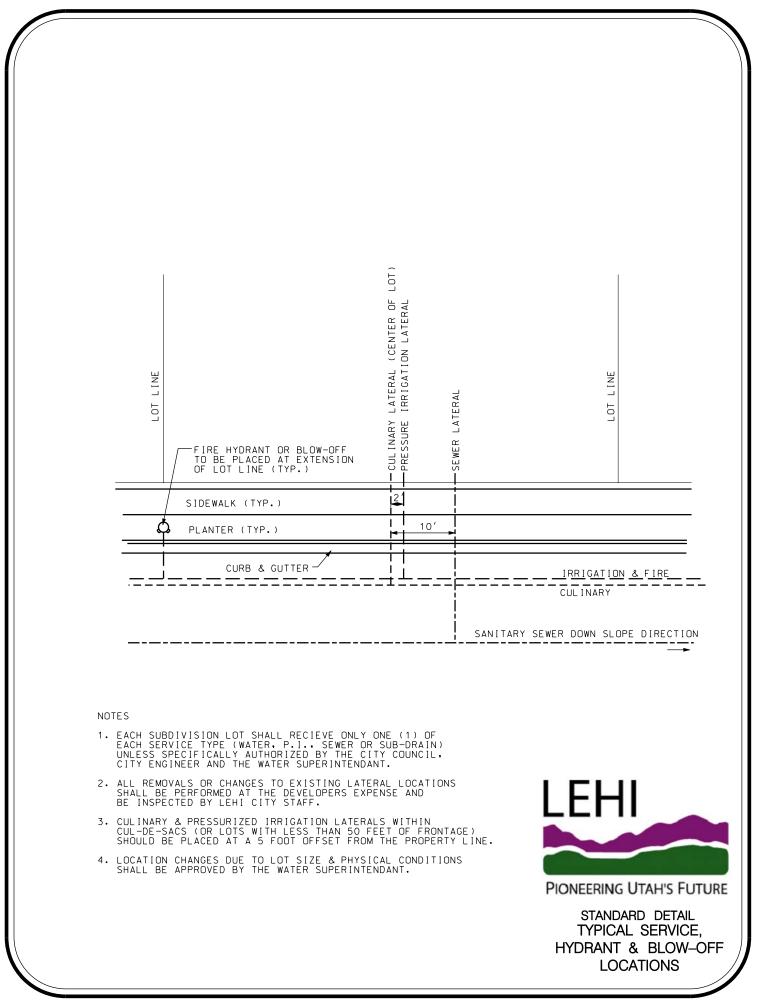
- 2. FINAL PLACEMENT SHALL BE AS APPROVED BY THE FIRE MARSHAL

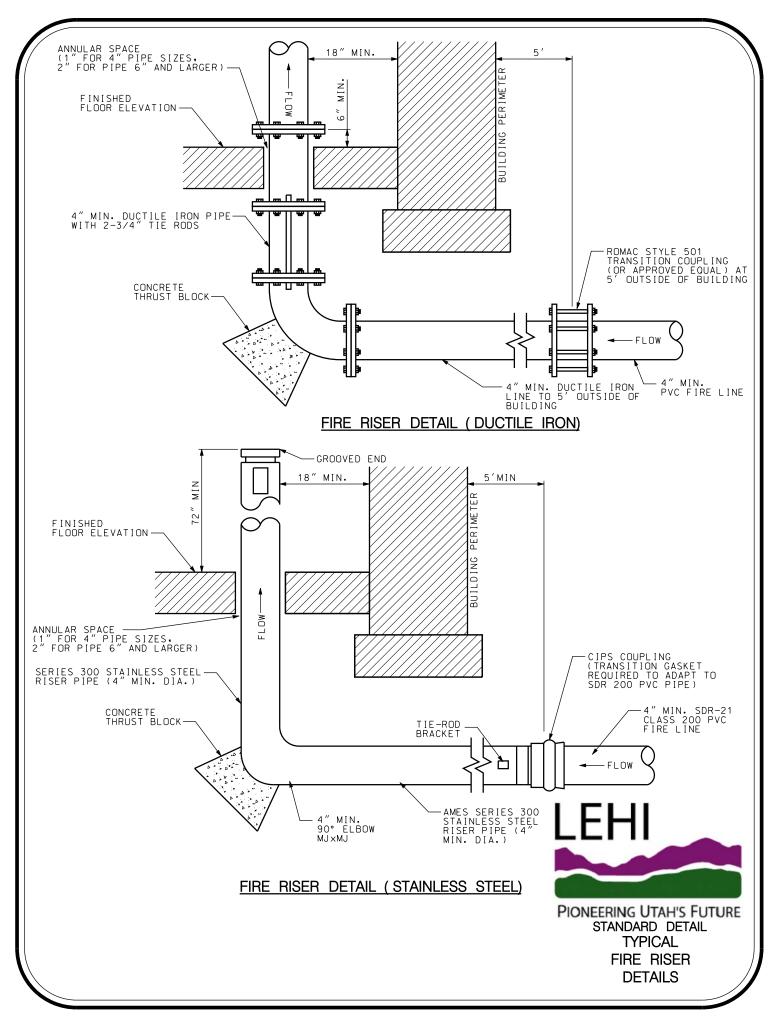
POST INDICATOR

LFHI

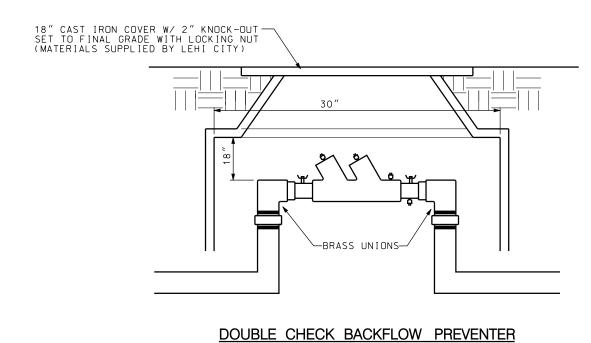
PIONEERING UTAH'S FUTURE STANDARD DETAIL

VALVE



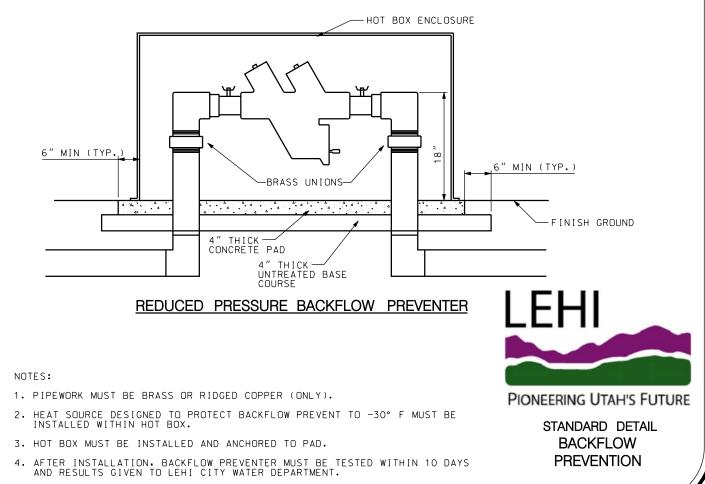


WATER-11

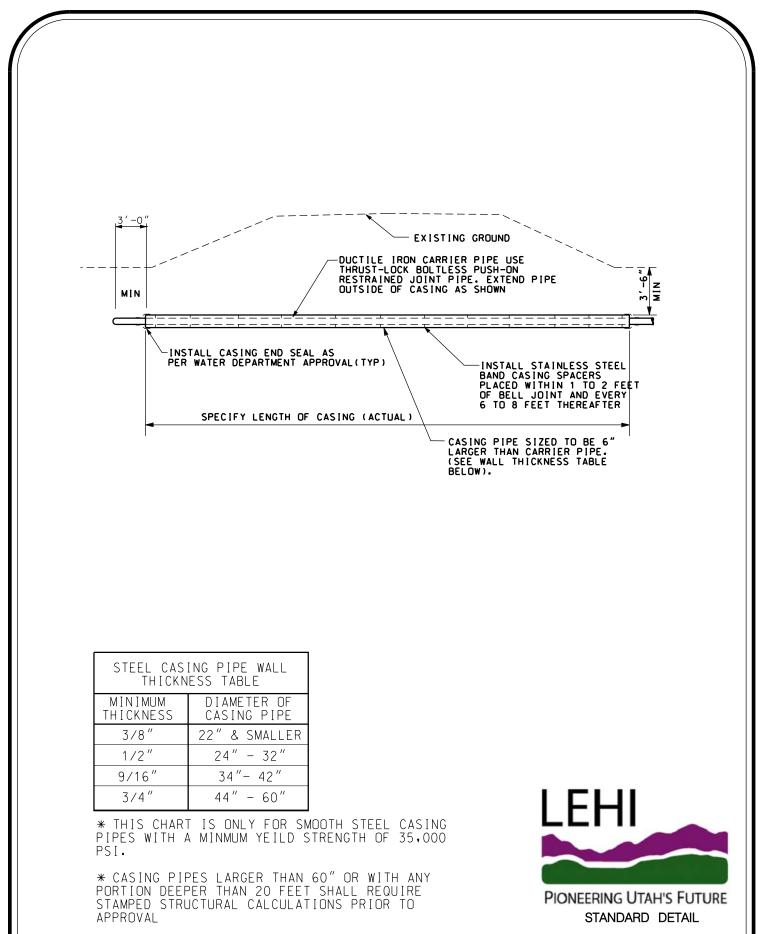


NOTES:

- 1. MUST BE INSTALLED IN A 30" METER BOX.
- 2. PIPEWORK MUST BE BRASS OR RIDGED COPPER (ONLY).
- 3. AFTER INSTALLATION, BACKFLOW PREVENTER MUST BE TESTED WITHIN 10 DAYS AND RESULTS GIVEN TO LEHI CITY WATER DEPARTMENT.
- 4. DOUBLE CHECK BACKFLOW PREVENTOR INSTALLED IN A VAULT MUST BE TESTABLE AND MAINTAINABLE FROM THE TOP POSITION.



WATER-12



CASING DETAIL