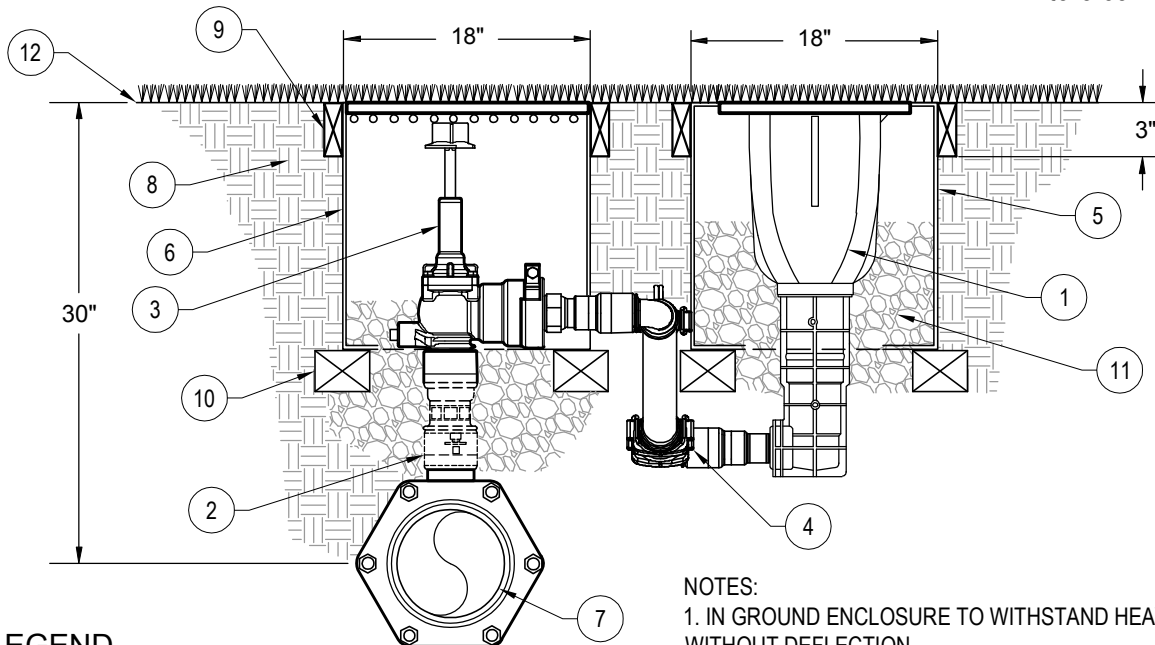




TORO-IRRIGATION DIVISION  
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NOTES:

1. IN GROUND ENCLOSURE TO WITHSTAND HEAVY TRAFFIC WITHOUT DEFLECTION.
2. BOX BASE INCLUDES 2.5" RETURN FOR STABILITY WITHIN SOILS.
3. ALL HARDWARE SHALL BE STAINLESS STEEL.

LEGEND

- ① TORO TS170V SPRINKLER
- ② DUCTILE IRON TEE WITH ACME SWIVEL THREAD (NOT INCLUDED IN KIT) WITH MAIN LINE @30" DEPTH.
- ③ ISOLATION SLEEVE VALVE (INCLUDED WITH TORO SWING JOINT KIT), 3-INCH WITH MALE SWIVEL THREADED INLET, 2-INCH SQUARE NUT AND DUCTILE IRON GRIP RING.
- ④ TORO COMPACT DUCTILE IRON SWING JOINT ASSEMBLY, 3-INCH X 2.5-INCH NPT SIZE, MODEL No. TS170-1V3K-3LC-SJ.
- ⑤ TORO ENCLOSURE MODEL No. TSSBK-18-170, 18"W X 18"L X 18"D, STAINLESS STEEL WITH 1/2" LID AND 1/2" THICK HDPE INSERT FITTED FOR TS170V, SECURED FROM UNDERSIDE.
- ⑥ TORO ENCLOSURE MODEL No. TSSBK-18-SOLID, 18"W X 18"L X 18"D, STAINLESS STEEL WITH SOLID LID AND 1/2" THICK HDPE INSERT SECURED FROM UNDERSIDE.
- ⑦ IRRIGATION MAIN LINE PIPING INCLUDING TEE OR ELL CONNECTION TO VALVE, SUPPLIED BY OTHERS.
- ⑧ COMPACTED SUB-BASE MATERIAL.
- ⑨ HDPE SIDE SUPPORTS (NOT INCLUDED), ADJUST FOR VARYING PILE HEIGHTS - SECURE TO ALL FOUR SIDES OF VALVE BOX.
- ⑩ COMMON RED OR CONCRETE BRICK SUPPORT UNDER EACH CORNER OF BOX. TYPICAL.
- ⑪ 3/4" WASHED GRAVEL BACKFILL. SET TO 6-8 INCHES BELOW VALVE BOX.
- ⑫ FINISHED GRADE.

## TORO® TS170V Compact Ductile Iron Swing Joint Kit with ISOLATION VALVE

DRAWING NOT TO SCALE

REVISION DATE 12-10-2018