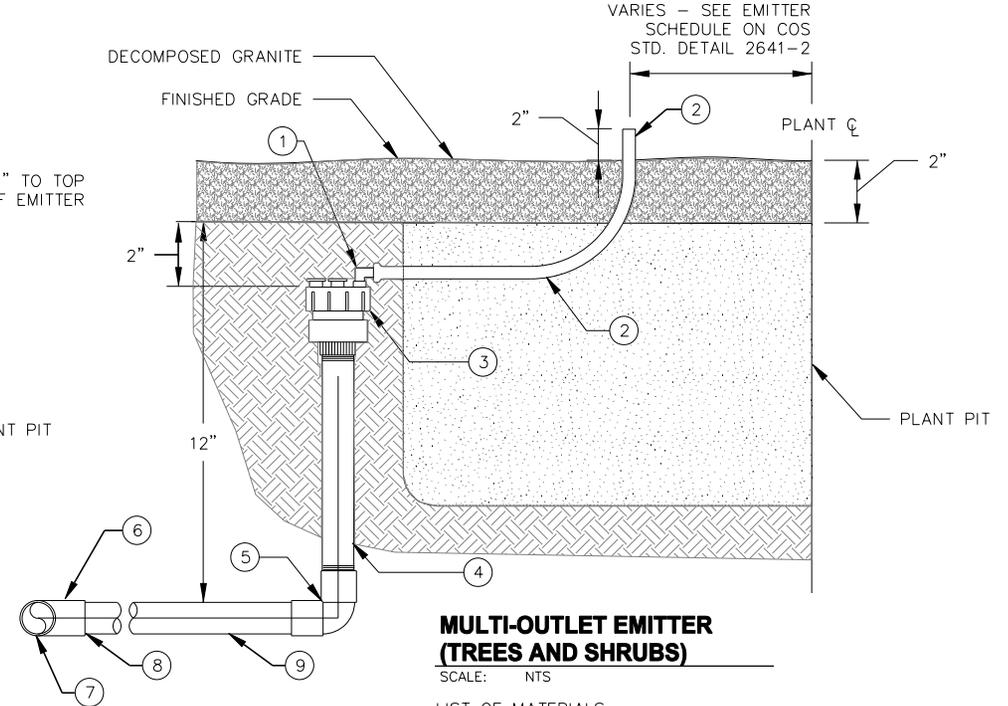
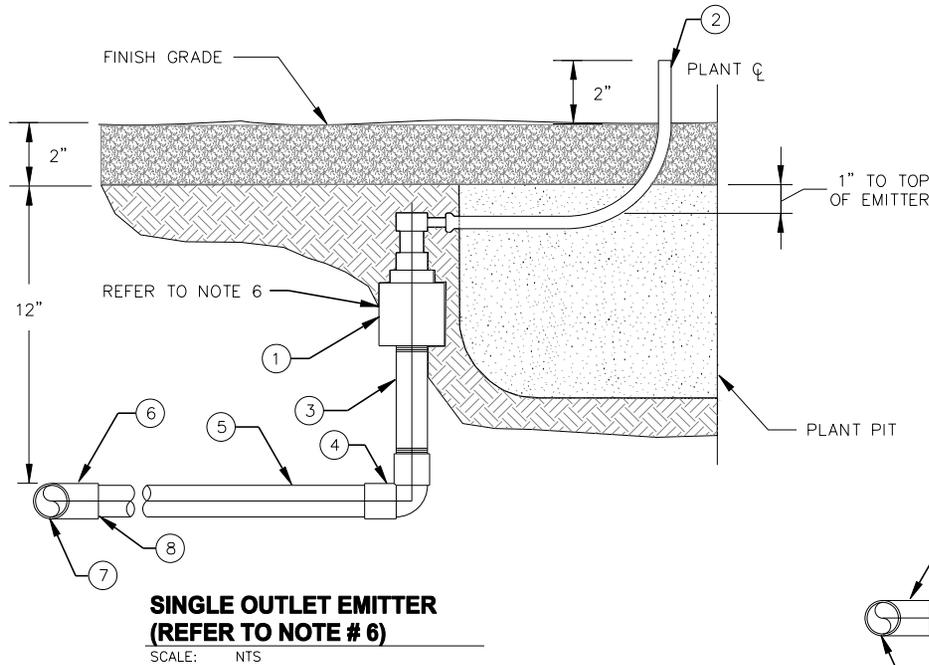


REVISED 2/21/12



**LIST OF MATERIALS**

- ① BOWSMITH SL 200 SERIES SINGLE PORT EMITTER OR APPROVED EQUAL. LOCATE ON UPHILL SIDE OF PLANT CENTERLINE
- ② 1/4" POLYETHYLENE FLEX HOSE EMITTER TUBING (6' MAX.)
- ③ 1/2" X 6" SCH 80 TBE NIPPLE
- ④ 1/2" OR 3/4" PVC SCH 40 90° ELBOW - SXT REDUCING AS NECESSARY
- ⑤ 1/2" PVC CL 315 PIPE OR 3/4" CL 200
- ⑥ PVC SCH 40 FITTING
- ⑦ PVC CL 315 FOR 1/2" LATERALS, PVC CL 200 FOR LATERALS GREATER THAN 1/2"
- ⑧ INSTALL BUSHING AS REQUIRED

**NOTES:**

- 1. PIPE CEMENT & PRIMER SHALL BE USED ON RIGID PIPE CONNECTIONS. TEFLON TAPE SHALL BE USED FOR ALL PIPE THREAD CONNECTIONS.
- 2. POLYETHYLENE EMITTER TUBING EMISSION POINTS SHALL BE EQUALLY SPACED AND LOCATED TO DIRECT WATER FLOW TO THE PERIMETER OF THE DRIP LINE.
- 3. NUMBER OF OPENINGS AND EMITTER TUBES REQUIRED IS BASED ON PLANT SIZE. (SEE COS STD. DET. 2641-2)
- 4. MAXIMUM EMITTER TUBING LENGTH = 6 FEET.
- 5. NO EMITTER LATERALS OR PIPING SHALL BE INSTALLED THROUGH OR BENEATH PLANT PITS. MINIMUM DISTANCE BETWEEN PLANT PIT PERIMETER AND PIPING SHALL BE 12".
- 6. MULTI OUTLET EMITTERS WILL USE A MIN. OF TWO OUTLETS, PLANTS THAT ARE NOT WITHIN A 6' RADIUS OF EACH OTHER SHALL BE IRRIGATED BY SINGLE OUTLET EMITTERS.

**LIST OF MATERIALS**

- ① SWIVEL OUTLET 90° ELBOW
- ② 1/4" POLYETHYLENE FLEX HOSE EMITTER TUBING (6' MAX.)
- ③ BOWSMITH ML 200 SERIES MULTI-PORT EMITTER OR APPROVED EQUAL. LOCATE ON UPHILL SIDE OF PLANT CENTERLINE
- ④ 1/2" X 6" SCH 80 NIPPLE TBE
- ⑤ 1/2" OR 3/4" PVC SCH 40 90° ELBOW - SXT REDUCING AS NECESSARY
- ⑥ PVC SCH 40 FITTING
- ⑦ PVC CL 315 FOR 1/2" LATERALS, PVC CL 200 FOR LATERALS GREATER THAN 1/2"
- ⑧ INSTALL BUSHING AS REQUIRED
- ⑨ 1/2" PVC CL315 PIPE OR 3/4" CL 200

DETAIL NO.  
**2641-1**

**City of Scottsdale  
Standard Details**

APPROVED BY:  
**Scottsdale Standards &  
Specifications Committee**

**SINGLE & MULTI-OUTLET EMITTERS**

DETAIL NO.  
**2641-1**