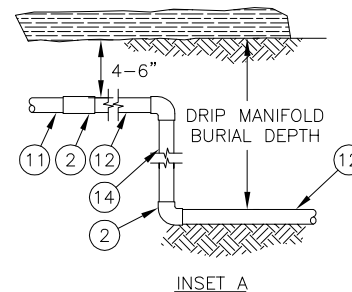


- ① PVC EXHAUST HEADER
- ② PVC SCH 40 TEE OR EL (TYPICAL)
- ③ FLUSH POINT (TYPICAL)  
SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE"
- ④ BARB X MALE FITTING:  
RAIN BIRD XFF-MA FITTING (TYPICAL)
- ⑤ PERIMETER OF AREA
- ⑥ BARB X BARB INSERT TEE OR CROSS:  
RAIN BIRD XFF-TEE OR  
RAIN BIRD XFD-CROSS (TYPICAL)
- ⑦ PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4"  
FROM PERIMETER OF AREA
- ⑧ SUB-SURFACE DRIPLINE:  
RAIN BIRD XF SERIES DRIPLINE (TYPICAL)  
POTABLE: XFS DRIPLINE  
NON-POTABLE: XFSP DRIPLINE
- ⑨ RAIN BIRD XF SERIES BLANK TUBING
- ⑩ ½" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050  
SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF  
INSTALLATION
- ⑪ PVC SUPPLY MANIFOLD
- ⑫ PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE  
KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- ⑬ TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT  
EXCEED LENGTH SHOWN IN TABLE
- ⑭ PVC SCH 40 RISER PIPE

**NOTES:**

1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.



**XFS Dripline Maximum Lateral Lengths (Feet)**

Inlet Pressure psi	12" Spacing		18" Spacing		24" Spacing	
	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)
15	0.6	0.9	0.6	0.9	0.6	0.9
20	273	155	314	250	424	322
30	318	169	353	294	508	368
40	360	230	413	350	586	414
50	395	255	465	402	652	474
60	417	285	528	420	720	488
60	460	290	596	455	780	514

**D XFS SUB-SURFACE DRIPLINE**  
N.T.S. **IRREGULAR SHAPED LAYOUT**

12-18-2012