



- ① PVC EXHAUST HEADER
- ② PVC SCH 40 TEE OR EL (TYPICAL)
- ③ BARB X MALE FITTING:  
RAIN BIRD XFF-MA FITTING (TYPICAL)
- ④ FLUSH POINT (TYPICAL)  
SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR  
"XFS FLUSH POINT WITH BALL VALVE"
- ⑤ PERIMETER OF AREA
- ⑥ PERIMETER DRIPLINE PIPE TO BE INSTALLED  
2"-4" FROM PERIMETER OF AREA
- ⑦ SUB-SURFACE DRIPLINE:  
RAIN BIRD XF SERIES DRIPLINE (TYPICAL)  
POTABLE: XFS DRIPLINE  
NON-POTABLE: XFSP DRIPLINE
- ⑧ RAIN BIRD XF SERIES BLANK TUBING
- ⑨ BARB X BARB INSERT TEE OR CROSS:  
RAIN BIRD XFF-TEE OR  
RAIN BIRD XFD-CROSS (TYPICAL)
- ⑩ ½" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050  
SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF  
INSTALLATION
- ⑪ PVC SUPPLY HEADER
- ⑫ PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL  
ZONE VALVE KIT (SIZED TO MEET LATERAL  
FLOW DEMAND)
- ⑬ 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 SUB-SURFACE DRIPLINE END FEED LAYOUT

N.T.S.

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### XFS Dripline Maximum Lateral Lengths (Feet)

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