



- ① PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- ② PERIMETER OF AREA
- ③ PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- ④ QF-SUPPLY HEADER
- ⑤ PRE-INSTALLED BARB FITTING
- ⑥ RAIN BIRD XFS SERIES DRIPLINE (TYPICAL)
- ⑦ BARB X BARB INSERT TEE:  
RAIN BIRD XFF-TEE (TYPICAL)
- ⑧ TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT EXCEED LENGTH SHOWN IN TABLE
- ⑨ QF-FLUSH HEADER
- ⑩ FLUSH POINT WITH PVC CAP OR OPTIONAL PVC BALL VALVE
- ⑪ PVC RISER PIPE
- ⑫ PVC SCH 40 ELL (TYPICAL)
- ⑬ MALE ADAPTER INSERT
- ⑭ STAINLESS STEEL, OETIKER OR MURRAY CLAMP
- ⑮ OPERATION INDICATOR  
RAIN BIRD MODEL: OPERIND
- ⑯ PVC SCH 40 CAP
- ⑰ PVC SCH 40 BALL VALVE
- ⑱ XF SERIES TIE-DOWN STAKES (TDS-050)  
REFER TO RAIN BIRD DRIPLINE DESIGN GUIDE FOR PROPER SPACING

**NOTES:**

1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE ([WWW.RAINBIRD.COM](http://WWW.RAINBIRD.COM)) FOR SUGGESTED SPACING.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
3. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
4. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

**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

**D XFS SUB-SURFACE DRIPLINE  
CURVED EDGE LAYOUT QF HEADER**

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N.T.S.