



WHEN ELEVATION  
DROP FROM TOP  
OF ZONE TO  
BOTTOM OF  
ZONE EXCEEDS 9'  
CREATE A NEW  
DRIPLINE ZONE

- ① IRRIGATION CONTROL VALVE:  
RAIN BIRD XCZ DRIP CONTROL ZONE KIT  
INSTALLED IN VALVE BOX
- ② PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL  
ZONE VALVE KIT (SIZED TO MEET LATERAL  
FLOW DEMAND)
- ③ BARB X MALE FITTING:  
RAIN BIRD XFF-MA FITTING (TYPICAL)
- ④ PVC SUPPLY HEADER
- ⑤ PVC SCH 40 TEE OR EL (TYPICAL)
- ⑥ SUB-SURFACE/ON-SURFACE DRIPLINE:  
RAIN BIRD XFS-CV SERIES DRIPLINE (TYPICAL)  
NON-POTABLE: XFS-CVP DRIPLINE
- ⑦ OPERATION INDICATOR  
RAIN BIRD MODEL: OPERIND
- ⑧ FLUSH POINT: SEE RAIN BIRD DETAIL "XFS-CV  
FLUSH POINT"
- ⑨ PVC FLUSH HEADER
- ⑩ TIE DOWN STAKES  
RAIN BIRD TDS-050

NOTES:

1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. DISTANCE BETWEEN LATERAL ROWS FOR BOTTOM 1/3 OF SLOPE TO BE SPACED GREATER THAN OPTIMAL ROW DISTANCE. SEE RAIN BIRD XFD DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACING.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
3. WHEN ELEVATION CHANGE EXCEEDS 10 FEET IT IS RECOMMENDED THAT A NEW DRIPLINE ZONE BE CREATED.
4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

XFS-CV Dripline Maximum Lateral Lengths (Feet)				
Inlet Pressure psi	12" Spacing		18" Spacing	
	Nominal Flow (gph)		Nominal Flow (gph)	
	0.6	0.9	0.6	0.9
20	192	136	254	215
30	289	205	402	337
40	350	248	498	416
50	397	281	573	477
60	436	309	637	529