



- ① BARB X BARB INSERT EL, TEE OR CROSS:
RAIN BIRD XFF-ELBOW (TYPICAL)
RAIN BIRD XFF-TEE (TYPICAL)
RAIN BIRD XFD-CROSS (TYPICAL)
- ② FLUSH POINT (TYPICAL)
SEE RAIN BIRD DETAIL "XFS-CV FLUSH POINT"
- ③ SUB-SURFACE/ON-SURFACE DRIPLINE:
RAIN BIRD XFS-CV SERIES DRIPLINE (TYPICAL)
NON-POTABLE: XFS-CVP DRIPLINE
- ④ PARKING ISLAND CURB
- ⑤ PERIMETER DRIPLINE PIPE TO BE INSTALLED
2"-4" FROM PARKING ISLAND CURB
- ⑥ BARB X MALE FITTING:
RAIN BIRD XFF-MA FITTING (TYPICAL)
- ⑦ PVC SCH 40 TEE OR EL (TYPICAL)
- ⑧ PVC SUPPLY HEADER
- ⑨ SHRUB OR GROUND COVER BED
- ⑩ TREE (TYPICAL)
- ⑪ MULCH BED FOR TREE
- ⑫ PVC EXHAUST HEADER
- ⑬ OPERATION INDICATOR
RAIN BIRD MODEL: OPERIND
- ⑭ XF SERIES TIE-DOWN STAKES (TDS-050)
REFER TO THE RAIN BIRD DRIPLINE DESIGN
GUIDE FOR PROPER SPACING
- ⑮ IRRIGATION CONTROL VALVE:
RAIN BIRD X CZ DRIP CONTROL ZONE KIT
INSTALLED IN VALVE BOX

NOTES:

- 1. FOR ALL XFS-CV AND POLY CONNECTIONS INSTALL XFF AND/OR XFD FITTINGS.
- 2. 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) FOR SUGGESTED SPACING.
- 3. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
- 4. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
- 5. 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.
- 6. 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

D XFS-CV SUB-SURFACE/ON-SURFACE DRIPLINE 05-17-2017
N.T.S. PARKING ISLAND WITH TREES PVC HEADER