



- ① PVC SUPPLY HEADER
- ② PVC SCH 40 TEE OR EL (TYPICAL)
- ③ BARB X MALE FITTING:
RAIN BIRD XFF-MA FITTING (TYPICAL)
- ④ PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- ⑤ SUB-SURFACE/ON-SURFACE DRIPLINE:
RAIN BIRD XFS-CV SERIES DRIPLINE (TYPICAL)
NON-POTABLE: XFS-CVP DRIPLINE
- ⑥ PERIMETER OF AREA
- ⑦ PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- ⑧ FLUSH POINT (TYPICAL) – SEE RAIN BIRD XFD DETAILS FOR FLUSH POINT INSTALLATION
- ⑨ BARB X BARB INSERT TEE OR EL:
RAIN BIRD XFF-TEE OR
RAIN BIRD XFF-ELBOW
- ⑩ PVC SUPPLY HEADER
- ⑪ PVC SCH 40 SLEEVE PIPE SIZED TWICE THE SIZE OF MANIFOLD PIPE SIZE
- ⑫ PAVEMENT AND CURB
- ⑬ 2" – 3" DEPTH OF MULCH
- ⑭ FINISH GRADE
- ⑮ OPERATION INDICATOR
RAIN BIRD MODEL: OPERIND
- ⑯ IRRIGATION CONTROL VALVE:
RAIN BIRD XEZ 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. TYPICAL ISLAND LAYOUT W/ PVC HEADERS