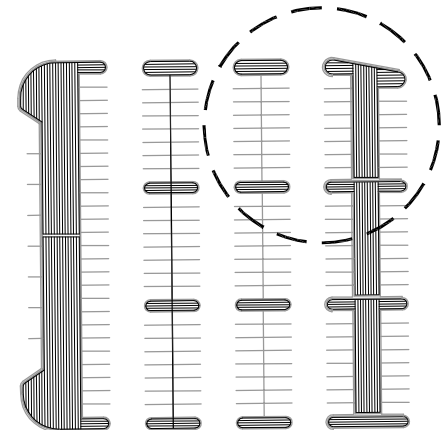


NOTES:

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 ALL HIGH POINTS.
4. DISTANCE FROM CURB TO ADJACENT DRIP LINE TO BE SPECIFIED BY DESIGN CONSULTANT (SEE DRAWINGS AND SPECIFICATIONS).
5. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

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

- 1 BARB X BARB INSERT TEE OR CROSS:
RAIN BIRD XFF-TEE OR
RAIN BIRD XFD-CROSS (TYPICAL)
- 2 SUB-SURFACE DRIPLINE PIPE:
RAIN BIRD XF SERIES DRIPLINE
POTABLE: XFS DRIPLINE
NON-POTABLE: XFSP DRIPLINE
- 3 PERIMETER OF AREA
- 4 REFER TO DRAWINGS AND SPECIFICATIONS FOR
PERIMETER DRIPLINE PIPE DISTANCE TO EDGE.
- 5 BARB X MALE FITTING:
RAIN BIRD XFF-MA FITTING (TYPICAL)
- 6 PVC SCH 40 TEE OR EL (TYPICAL)
- 7 PVC SUPPLY MANIFOLD
- 8 FLUSH POINT (TYPICAL)
SEE RAIN BIRD DETAIL "XFS FLUSH POINT"
- 9 PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE
KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- 10 PVC SCH 40 RISER PIPE
- 11 PVC SCH 40 SLEEVE PIPE SIZED TWICE SIZE OF
MANIFOLD PIPE SIZE.
- 12 PAVEMENT AND CURB
- 13 ½" AIR RELIEF VALVE: RAIN BIRD MODEL: ARV050
SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF
INSTALLATION



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XFS SUB-SURFACE DRIPLINE

N.T.S.

PARKING LOT LAYOUT

12-16-2012