



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) FOR SUGGESTED SPACING.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
3. FOR SLOPES LESS THAN 3% (3' OF 100' / 0.9M OF 30.5M) DO NOT REQUIRE ANY SPECIAL DESIGN CONSIDERATION.
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.

- ① PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- ② PVC SCH 40 TEE OR EL (TYPICAL)
- ③ BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- ④ PVC SUPPLY MANIFOLD
- ⑤ ON-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE (TYPICAL)
POTABLE: XFD DRIPLINE
NON-POTABLE: XFDP DRIPLINE
- ⑥ PERIMETER OF AREA
- ⑦ PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
- ⑧ FLUSH POINT: SEE RAIN BIRD XFD DETAILS FOR FLUSH POINT INSTALLATION
- ⑨ PVC FLUSH HEADER
- ⑩ PVC RISER PIPE
- ⑪ 2" - 3" DEPTH OF MULCH
- ⑫ FINISH GRADE

XFD 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 XFD ON-SURFACE DRIPLINE
N.T.S. DOWN SLOPE MEDIAN

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