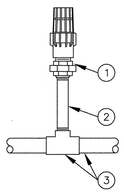
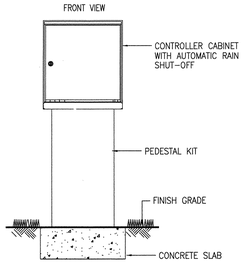


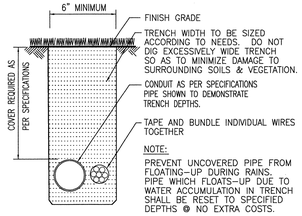
1 CONTROL ZONE KIT: RAIN BIRD MODEL XCZ-075
2 PVC RISER
3 PVC PIPE AND FITTING

XERIGATION IN-LINE PRESSURE REGULATOR
N.T.S.



NOTE:
CONTROLLER CABINET, PEDESTAL KIT AND CONC. FOOTER AS PER MANUFACTURER'S SPECIFICATIONS

CONTROLLER DETAIL
N.T.S.

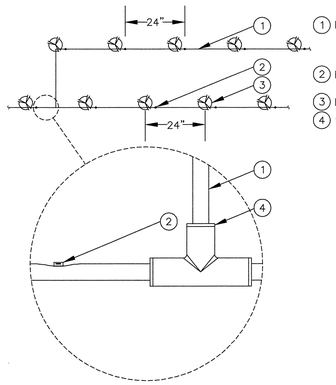


TRENCH DETAIL
N.T.S.

IRRIGATION SCHEDULE

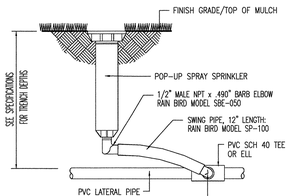
SYMBOL	DESCRIPTION	RADIUS FT.	PRESSURE P.S.I.	FLOW G.P.M.
(D)	POP-UP SPRAY SPRINKLER R.B. #1804 SERIES PRS-15-H.	15	30	1.85
(E)	POP-UP SPRAY SPRINKLER R.B. #1812 SERIES PRS-15-H.	15	30	1.85
(F)	POP-UP SPRAY SPRINKLER R.B. #1804 SERIES PRS-15-Q.	15	30	0.93
(G)	POP-UP SPRAY SPRINKLER R.B. #1804 SERIES PRS-15-VAN-H.	15	30	1.85
(MX)	R.B. XERIGATION XBT-10-6 MULTI-OULET SHRUB XERI-BUG WITH: SEB-6X - SUBTERRANEAN EMITTER BOX XB-20 XERI BUG EMITTER DT-025 DISTRIBUTION TUBING			
(PR)	R.B. XERIGATION PSI-M30X PRESSURE REGULATOR			
⊘	R.B. XERIGATION PSI-L30X PRESSURE REGULATOR			
◓	RBY-100-150 MX "Y" FILTER (150 MESH)			
◕	PRESSURE REGULATING ELECTRIC REMOTE CONTROL VALVE R.B. 75-DVX			
◔	PRESSURE REGULATING ELECTRIC REMOTE CONTROL VALVE R.B. 100-PEB W/PRS-B PRESSURE REGULATOR			
⊕	PRESSURE REGULATING ELECTRIC REMOTE CONTROL VALVE R.B. 200-PEB W/PRS-B PRESSURE REGULATOR			
- - - -	R.B. XPC-10-24 TUBING			
-·-·-	R.B. XERI-TUBE-PC			
———	2" SCHEDULE 40, MAIN LINE.			
———	CLASS 200 PVC OR PR 160 PVC (SIZE AS SHOWN ON PLANS).			
- - - -	SCHEDULE 40 PVC SLEEVE (SIZE AS SHOWN ON PLANS) NOTE: INSTALL PRIOR TO PAVING.			
⊣N⊢	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER FEBCO 825-Y-BV-(2") W/ "HOT BOX" FIBERGLASS COVER # LB2			
△	R.B. ESP-16C STATION ELECTRIC CONTROLLER W/ R.B. PED-DD16 PEDESTAL KIT AND AUTOMATIC RAIN SHUT-OFF			
⊠	1 1/2" WATER METER.			

NOTES:
1) R.B. = RAINBIRD
2) PROVIDE RISERS AS NECESSARY, SCHEDULE 80 PVC.
3) ALL MAIN PIPE SHALL BE BURIED AT A DEPTH OF 30" AND LATERALS 18".
4) CONTROL WIRE SHALL BE TYPE UF #14 COLOR CODED WHITE FOR COMMON.
5) SPRINKLER HEADS, VALVES, WATER METER, IRRIGATION LINES AND BACK-FLOW PREVENTER LOCATIONS ARE SHOWN SCHEMATICALLY AND MAY REQUIRE ADJUSTMENTS TO RESPOND TO EXISTING SITE CONDITIONS.

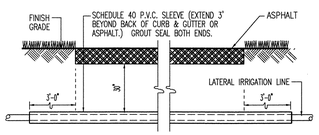


1 PRESSURE-COMPENSATING IN-LINE EMITTER TUBING: RAIN BIRD XPC-10-24-500
2 EMITTER (PRE-INSTALLED ON TUBING)
3 PLANT MATERIAL
4 1/2-INCH COMPRESSION TEE: RAIN BIRD CF-2

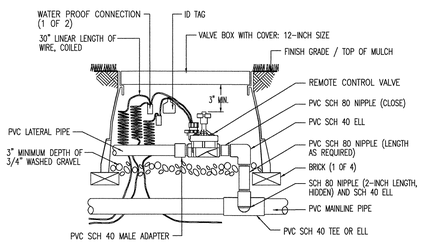
XERIGATION XPC-10-24 TUBE DETAIL
N.T.S.



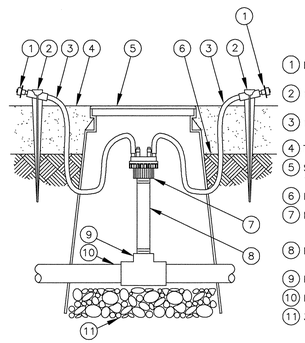
POP-UP SPRINKLER DETAIL
N.T.S.



SLEEVE DETAIL
N.T.S.

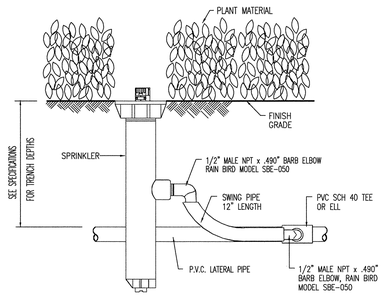


ELECTRIC VALVE DETAIL
N.T.S.

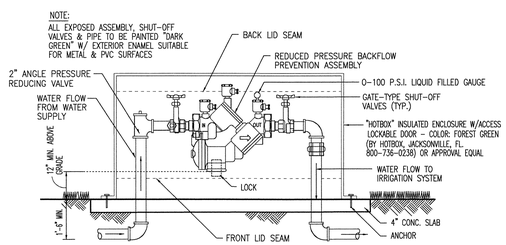


1 DIFFUSER BUG-CAP: RAIN BIRD RAIN BIRD DBC-025
2 1/4-INCH TUBING STAKE: RAIN BIRD TS-025
3 1/4-INCH VINYL DISTRIBUTION TUBING: RAIN BIRD DT-025
4 TOP OF MULCH
5 SUBTERRANEAN EMITTER BOX: RAIN BIRD SEB-6X
6 FINISH GRADE
7 MULTI-OUTLET EMITTER: RAIN BIRD SHRUB XERI-BUG XBT-10-6
8 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
9 PVC SCH 40 TEE OR ELL
10 PVC LATERAL PIPE
11 3-INCH MIN. DEPTH OF 3/4-INCH WASHED GRAVEL

XERIGATION XBT-10-6 IN EMITTER BOX DETAIL
N.T.S.



POP-UP SPRINKLER DETAIL W/ SWING PIPE
N.T.S.



REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH COVER
N.T.S.

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BUCK LAKE ROAD

SHEET TITLE
IRRIGATION DETAILS & SCHEDULE

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