

<p>IRRIGATION CONTROLLER No. 400</p> <p>1 PROVIDE FULL CLEARANCE FOR DOOR OPENING. 2 IRRIGATION CONTROLLER. SEE IRRIGATION LEGEND ON L1 FOR CONTROLLER SPECIFICATION. 3 CONTROL WIRE IN ELECTRICAL CONDUIT. USE AND TYPE PER TECO AND LOCAL CODE. 4 ELECTRICAL SUPPLY CONDUIT. CONNECT TO POWER SOURCE. J BOX INSIDE CONTROLLER.</p> <p>NOTES: 1 PROVIDE RAIN/FREEZE SENSOR AND AFFIN SENSOR TO INSIDE OF PARAPET WALL ABOVE CONTROLLER. SEE IRRIGATION LEGEND ON L2-1 FOR MORE DETAILED SPECIFICATION. COORDINATE CONDUIT FOR WIRING WITH ELECTRICAL CONTRACTOR. 2 CONTROLLER SHALL BE HARD-WIRED TO GROUNDING 110 VAC SOURCE.</p>	<p>ZONE CONTROL VALVE No. 401</p> <p>1 FINISH GRADE/TOP OF MULCH 2 VALVE BOX WITH COVER: RAIN BIRD 68-STD 3 30-INCH LINEAR LENGTH OF WIRE, COILED 4 WATERPROOF CONNECTION: RAIN BIRD 98 SERIES 5 1-INCH BALL VALVE (INCLUDED IN XC2-PRB-100-COM KIT) 6 ID TAG 7 REMOTE CONTROL VALVE. SEE LEGEND ON L2-1 8 PRESSURE REGULATING QUICK CHECK BASKET (INCLUDED IN KIT)</p> <p>9 PVC SCH 40 FEMALE ADAPTOR 10 LATERAL PIPE 11 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED) 12 PVC SCH 40 ELL 13 PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) 14 PVC SCH 40 TEE OR ELL 15 MAINLINE PIPE 16 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL 17 PVC SCH 80 NIPPLE, CLOSE (INCLUDED IN KIT)</p>	<p>CONTROL WIRE SPLICE No. 402</p> <p>1 FINISH GRADE 2 PVC DRIP MANIFOLD PIPE 3 PVC 1" X 3/4" TRUE UNION BALL VALVE 4 EASY FIT MALE X BARB ADAPTER: RAIN BIRD XF-MA-075 5 SUB-SURFACE DRIFLINE: RAIN BIRD XF SERIES BLANK TUBING 6 12-INCH VALVE BOX WITH COVER: RAIN BIRD VB-STD 7 3-INCH MINIMUM DEPTH OF 3/4" WASHED GRAVEL 8 BRICK (1 OF 2)</p> <p>1 SLIP BASE SOCKET OVER END OF WIRES 2 STRIP WIRES APPROXIMATELY 5/8" FROM ENDS 3 APPLY SEALER TO OUTSIDE OF SEALING PLUG. FILL CAVITY WITH SEALER. 4 PUT CRIMP SLEEVE OVER WIRE ENDS. CRIMP SLEEVE AND CUT OFF EXCESS WIRE. 5 PULL BASE SOCKET OVER WIRE END AS FAR AS POSSIBLE. 6 PUSH SEALING PLUG INTO BASE SOCKET. 7 PUSH WIRES TO END OF BASE SOCKET TO ASSURE COMPLETE SEALING OF CONNECTION. 8 RAINBIRD PEN-TITE WIRE CONNECTOR.</p> <p>1 STRIP WIRES APPROXIMATELY 5/8" FROM ENDS 2 TWIST CONNECTOR UNTIL WIRE ENDS REACH BOTTOM 3 AFTER MIXING CONTENTS OF SEALING PACK IN ACCORDANCE WITH INSTRUCTIONS, CUT 1/2" OFF END OF PACK AND INSERT CONNECTOR TO OPPOSITE END. 4 WRAP OPEN END OF SEALING PACK WITH TAPE AND LEAVE IN RAISED POSITION UNTIL RESIN CURES (APPROXIMATELY 8 MINUTES AT 72 DEGREES F)</p> <p>NOTE: FOR WIRE SIZES NO.14, NO. 12, AND NO. 10</p> <p>NOTE: FOR WIRE SIZES LARGER THAN NO. 10</p>	<p>IRRIGATION TRENCH No. 403</p> <p>1 SLEEVE ALL PIPE AND WIRES UNDER WALKS, DRIVEWAYS, STRUCTURES, WALLS, ETC. 2 EXTEND SLEEVE INTO LANDSCAPE AREA 12" MINIMUM. 3 ALL BACKFILL MATERIAL SHALL BE FREE OF RUBBISH, AND STONES LARGER THAN 3/4" IN MAXIMUM DIMENSIONS. 4 TAPE AND BARBLE WRAP OR TUBING AT 10 FT. INTERVALS. 5 ALL PLASTIC PIPES TO BE SNAKED IN TRENCHES. 6 ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED IN ACCORDANCE WITH LOCAL CODES.</p> <p>1 VALVE BOX 6" ROUND W/BOLT DOWN LID SET FLUSH WITH FINISHED GRADE 2 AIR/VACUUM RELIEF VALVE 3 3/4" X 1/2" REDUCTION BUSHING 4 TECHLINE 180° 2-WAY ADAPTER TEE 5 BRICK SUPPORTS (THREE TYP) 6 3/4" GRAVEL SUMP</p> <p>NOTE: 1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.</p>	<p>THRUST BLOCK No. 404</p> <p>1 FINISH GRADE/TOP OF MULCH 2 VALVE BOX WITH COVER: RAIN BIRD 68-STD 3 30-INCH LINEAR LENGTH OF WIRE, COILED 4 WATERPROOF CONNECTION: RAIN BIRD 98 SERIES 5 1-INCH BALL VALVE (INCLUDED IN XC2-PRB-100-COM KIT) 6 ID TAG 7 REMOTE CONTROL VALVE. SEE LEGEND ON L2-1 8 PRESSURE REGULATING QUICK CHECK BASKET (INCLUDED IN KIT)</p> <p>1 FINISH GRADE 2 PVC DRIP MANIFOLD PIPE 3 PVC 1" X 3/4" TRUE UNION BALL VALVE 4 EASY FIT MALE X BARB ADAPTER: RAIN BIRD XF-MA-075 5 SUB-SURFACE DRIFLINE: RAIN BIRD XF SERIES BLANK TUBING 6 12-INCH VALVE BOX WITH COVER: RAIN BIRD VB-STD 7 3-INCH MINIMUM DEPTH OF 3/4" WASHED GRAVEL 8 BRICK (1 OF 2)</p> <p>NOTE: 1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.</p>	<p>QUICK COUPLER No. 405</p> <p>ON-SURFACE INSTALLATION: 1 MULCH 2 FINISH GRADE 3 OPERATION INDICATOR: RAIN BIRD MODEL: OPERIND 4 ON-SURFACE DRIFLINE: RAIN BIRD XF SERIES DRIFLINE POTABLE: XFD SERIES NON-POTABLE: XFDP SERIES</p> <p>SUB-SURFACE INSTALLATION: 1 FINISH GRADE/TURF 2 OPERATION INDICATOR: RAIN BIRD MODEL: OPERIND 3 SUB-SURFACE DRIFLINE: RAIN BIRD XF SERIES DRIFLINE POTABLE: XFD SERIES NON-POTABLE: XFDP SERIES</p> <p>NOTE: 1. INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIFLINE TUBING. 2. VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARG TO 3. PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.</p>																																																																																									
<p>POP UP SPRAY SPRINKLER No. 407</p> <p>1 RAINBIRD DRIFLINE 2 INLINE DRIP EMITTER OUTLET. SEE PLANS FOR DRIFLINE OUTLET SPACING. 3 BARB TEE 17x17x17mm RAIN BIRD XTF-TEE 4 BARB COUPLING 17x17mm RAIN BIRD XTF-COUP 5 BARB ELBOW 17x17mm RAIN BIRD XTF-ELBOW 6 BARB MALE ADAPTER 17mm X 1/2" MPT RAIN BIRD XTF-MA-050 17mm X 3/4" MPT RAIN BIRD XTF-MA-075</p> <p>7 PVC TEE 5x5x7 8 PVC LATERAL SUPPLY HEADER 9 TIE DOWN STAKE: RAIN BIRD TDS-050 WITH BEND (TYPICAL) 10 FINISH GRADE OR MULCH 11 RAIN BIRD XF SERIES BLANK TUBING LENGTH AS REQUIRED 12 WEED BARRIER FABRIC</p> <p>1 FINISH GRADE/TOP OF MULCH 2 VALVE BOX WITH COVER: RAIN BIRD 68-STD 3 30-INCH LINEAR LENGTH OF WIRE, COILED 4 WATERPROOF CONNECTION: RAIN BIRD 98 SERIES 5 1-INCH BALL VALVE (INCLUDED IN XC2-PRB-100-COM KIT) 6 ID TAG 7 REMOTE CONTROL VALVE. 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