

Irrigation Legend

PLEASE NOTE: ALL IRRIGATION SPRAY HEADS TO BE 30 PSI REGULATED 6' POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL.	
HUNTER PROS-06-PRS30 5' STRIP SPRAY	HUNTER PROS-06-PRS30 15' RADIUS
$ \begin{array}{cccc} $	 Q ● 0.97 GPM H ● 1.69 GPM F ● 3.75 GPM
HUNTER PROS-06-PRS30 4' RADIUS	HUNTER PROS-06-PRS30 17' RADIUS
 Q • 0.51 GPM H • 0.98 GPM 	HUNTER PROS-06-PRS30 ADJ
HUNTER PROS-06-PRS30 8' RADIUS () Q • 0.24 GPM H • 0.47 GPM F • 0.97 GPM	 IO • 2.00 GPM I2 • 2.52 GPM I5 • 3.72 GPM I7 • 4.60 GPM
HUNTER PROS-06-PRS30 10' RADIUS	HUNTER PCB: FLOOD BUBBLER, 1/2" FIPT.
 Q • 0.42 GPM H • 0.88 GPM F • 1.59 GPM 	 50 ● 0.50 GPM 10 ● 1.00 GPM
 F • 1.39 GPM HUNTER PROS-06-PRS30 12' RADIUS Q • 0.67 GPM H • 1.30 GPM H • 1.30 GPM F • 2.70 GPM 	HUNTER MP3000: ROTATOR 27' RADIUS (1) 27 • 0.76 GPM (1) 27 • 1.58 GPM (27 • 3.15 GPM
	HUNTER MP3500: ROTATOR 34' RADIUS 34 • 1.13 GPM 34 • 2.24 GPM

				Sleeve Size Schedule	
	AREA TO RECEIVE DRIPLINE HUNTER PLD-10-12 (18)		WEATHERMATIC SLI600 SMARTLINE CONTROLERW/ SMARTLINK AIRCARD	PIPE SIZE	<u>SLEEVE SIZE</u> I-I/41
	IN-LINE PRESSURE COMPENSATING LANDSCAPE DRIPLINE WITH BUILT-IN CHECK VALVE, I.O GPH EMITTERS AT 12.0° O.C. DRIPLINE LATERALS	\bigotimes	WEATHERMATIC SLW5 WIRELESS ON-SITE WEATHER SENSOR	- - /41	21 2-1/2
	SPACED AT 18.0" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN, UV RESISTANT,	Μ	IRRIGATION SOURCE I' METER © 28 GPM AT 60 PSI REQUIRED	- /2" 21	2-1/2" 3"
\otimes	HUNTER PCZ-101-25 DRIP CONTROL VALVE KIT, I' PGV GLOBE VALVE WITH I' HY100 FILTER SYSTEM, PRESSURE REGULATION: 25PSI, FLOW RANGE: 0.5 GPM TO 15 GPM, 150 MESH STAINLESS STEEL SCREEN.		IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26 PVC CLASS 315 FOR 1/2" PIPE, PVC CLASS 200 FOR 3/4" PIPE, PVC CLASS 200 FOR 3/4" PIPE,	2-1/4" 31 - 41	41 61
•	HUNTER PGV-IOIG I' PLASTIC ELECTRIC REMOTE CONTROL VALVE, FOR RESIDENTIAL/LIGHT COMMERCIAL USE. FEMALE NPT INLET/OUTLET, GLOBE CONFIGURATION, WITH FLOW CONTROL.		PVC CLASS 160 SDR 26 FOR 1' AND ABOVE, PLEASE NOTE: ONLY LATERAL TRANSITION PIPE SIZES 1' AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4' IN SIZE.		
	MATCO-NORCA 514TX 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE, IPS, CROSS HANDLE, SAME SIZE AS MAINLINE PIPE,		IRRIGATION MAINLINE: PVC SCHEDULE 40 IRRIGATION PIPE. PIPE SLEEVE:		
X	FEBCO 825Y I-1/2" REDUCED PRESSURE BACKFLOW PREVENTER		PVC SCHEDULE 40 VALVE CALL OUT		
	VAL FLO				

- IRRIGATION SYSTEM DESIGN REQUIREMENTS: 28 GPM A MINIMUM OF 60 PSI AT THE POINT OF CONNECTION, THE IRRIGATION CONTRACTOR SHALL VERIFY THE AVAILABLE GPM AND PSI PRIOR TO INSTALLATION OF THE SYSTEM. 2. DO NOT INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE
- DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN PROCESS. EXAMPLE: OBSTRUCTIONS, GRADE DIFFERENCES, WATER LEVELS, DIMENSIONAL DIFFERENCES, ETC. REFER TO THE LANDSCAPE PLAN TO AVOID CONFLICTS WITH PROPOSED TREES OR SHRUBS.
- 3. PIPING MAY SOMETIMES BE INDICATED AS BEING LOCATED IN UNLIKELY AREAS: I.E., UNDER BUILDINGS OR PAVEMENT, OUTSIDE OF PROPERTY LINES, IN LAKES OR DITCHES, ETC. THIS IS DONE FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE, PIPING IS TO BE INSTALLED IN PERVIOUS AREAS.
- 4. ALL COMPONENTS ARE SHOWN AND/OR DEPICTED ON THE PLAN SHEETS REPRESENT APPROXIMATE LOCATION(S) ONLY, AND ARE FOR CLARIFICATION PURPOSES, THE FINAL LOCATION OF ALL COMPONENTS SHALL BE SUBJECT TO APPROVAL BY THE OWNER AND/OR OWNER'S REPRESENTATIVE.
- 5. DO NOT SCALE PLAN FOR EXACT HEAD LOCATION.
- 6. PIPE SIZES SHALL CONFORM TO THOSE ON THE DRAWINGS, SUBSTITUTING WITH SMALLER PIPE SIZES WILL NOT BE PERMITTED. 7. MAIN LINE: FITTINGS SHALL BE PVC SCH. 40 JOINT FITTINGS.
- PIPES PLACED IN SLEEVES SHALL BE SCH. 40 SOLVENT WELD PIPE WITH ADEQUATE RESTRAINTS. SLEEVE LOCATION ARE ACCOMPANIED WITH A 2" ELECTRICAL CHASE FOR THE CONTROL WIRING.
- 8. MAINLINE IS TO BE INSTALLED WITH A MINIMUM OF 18-IN. DEPTH OF COVER, LATERAL LINES ARE TO BE INSTALLED WITH A MINIMUM OF 12" DEPTH OF COVER, 9. UNLESS OTHERWISE INDICATED, ALL SLEEVES ARE TO BE PVC
- SCH 40 AND TWO (2) NOMINAL SIZES LARGER THAN THE PIPE TO BE SLEEVED. FOR EXAMPLE: THE SLEEVE FOR A 2-IN. PIPE SHALL BE 3-IN. IO, INSTALL VALVES IN MULCHED BEDS AND/OR IN LOW TRAFFIC
- AREAS, ALL VALVES , FLUSH VALVES AND WIRE SPLICES SHALL BE INSTALLED IN RAIN BIRD WIDE FLANGED, STRUCTURAL FOAM "PLASTIC" VALVES BOXES II. THE BOTTOM AND SIDES OF THE VALVE BOXES SHALL BE LINED
- WITH LANDSCAPE FABRIC, INSTALL A 3-IN, DEEP BED OF GRAVEL ON THE LANDSCAPE FABRIC TO CREATE A DRAINAGE SUMP.
- 12. THE TOPS OF ALL SHRUB SPRINKLERS SHALL BE INSTALLED 12-IN. ABOVE HEIGHT OF SURROUNDING PLANT MATERIAL, FOR PLANT HEIGHTS OF 12-IN. OR MORE, SUPPORT RISER WITH #5 REBAR STAKE AND NYLON CABLE TIES, ALL RISERS SHALL BE PLACED A MINIMUM OF 12-IN. FROM ANY SIDEWALK, EDGE OF PAVEMENT OR STRUCTURE.

- FLUSH TO GRADE.
- REQUIRED TO PREVENT FOGGING.
- CONTROLLER(S),
- END OF THE MAIN FOR FUTURE USE.
- SPECIFICATIONS. 19.
- (INTERMATIC #AG2401 OR EQUAL).
- SLEEVES.
- INSTALLATION.

