











- REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS.
- 2) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 3) ALL POP-UP ROTATORS AND SPRAY HEADS SHALL BE INSTALLED USING AN 18" P.V.C. FLEX PIPE CONNECTION. DO NOT USE FUNNY PIPE.
- 4) ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES AND BUILDING WALLS.
- 5) THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING.
- 6) ALL RISERS SHALL BE PAINTED BLACK.
- 7) ALL RISERS SHALL BE STAKED WITH A STEEL ANGLE AND SECURED WITH ULTRA-VIOLET LIGHT PROTECTED P.V.C. CLAMPS.
- 8) ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING SNAP-TITE CONNECTORS AND SEALANT.
- 9) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING ON A REPRODUCIBLE PAPER (SEPIA OR MYLAR) SHOWING ALL INSTALLED IRRIGATION. A MYLAR OR SEPIA OF THE ORIGINAL PLAN MAY BE OBTAINED FROM THE LANDSCAPE ARCHITECT FOR A FEE. THE DRAWING SHALL LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES.
- 10) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES.
- 11) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS.
- 12) ALL RISERS SHALL BE INSTALLED 12" FROM ANY WALL AND A MINIMUM OF 36" FROM ANY SIDEWALK, PATIO OR ROAD.
- 13) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
- 14) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY HIS WORK.
- 15) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP.
- 16) CONTRACTOR TO USE MIN. OF 12 GAUGE WIRE FOR ALL COMMON WIRES AND 14 GAUGE WIRE FOR ALL CONTROL WIRES. CONTRACTOR ALSO TO PROVIDE 3 SPARE CONTROL WIRES FOR ANY FUTURE USE.
- 17) CONCRETE THRUST BLOCKS ARE TO BE UTILIZED AT ALL MAINLINE DIRECTION CHANGES.
- 18) ALL IRRIGATION SHOWN ON PLANS IS SCHEMATIC AND DOES NOT REFLECT ALL FITTINGS AND APPURTENANCES WHICH SHALL BE INCLUDED TO PROVIDE A FULLY FUNCTIONAL IRRIGATION SYSTEM CAPABLE OF PROVIDING 100 PERCENT COVERAGE WITH A 50 PERCENT OVERLAP.

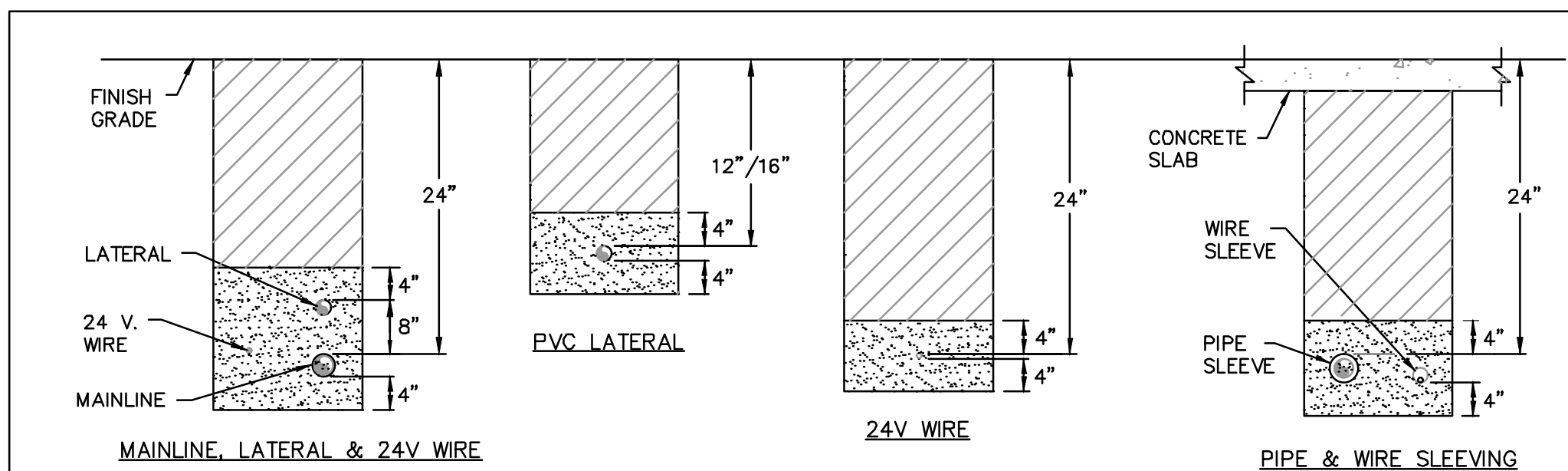


Drip Zone #5:
Length of Drip Tube: +/-319'
No. of emitters: 319
Emitter Spacing: 12" OC
Tube Spacing: 18" OC ROW
Emitters: 319' Netafim
Use Valve: 1" Valve
LVCZ 8010075-HF
HIGHSIDE AIR RELIEF VALVE



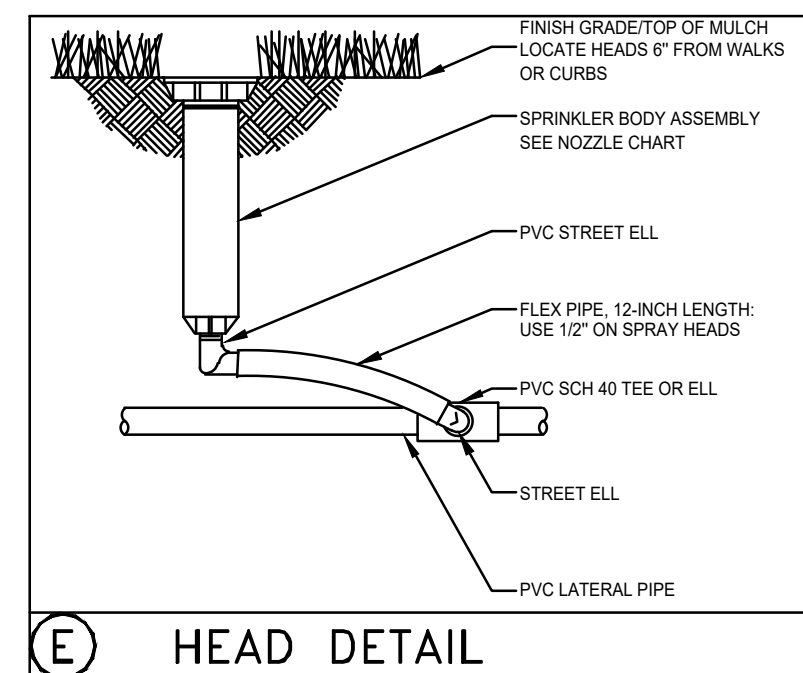
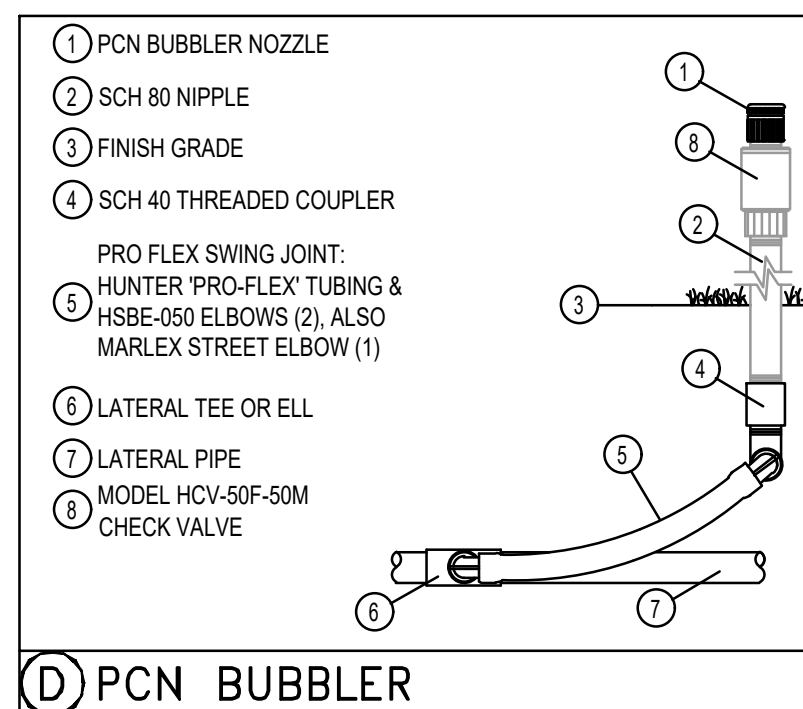
<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	0.50 GPM BUBBLER (2 PER TREE)	6
	6" POP-UP SPRAY - HUNTER INDUSTRIES MPR40 W/MIP2000 NOZZELS	25
	HUNTER "1CV" SERIES ELECTRIC VALVE WITH ACCU-SET PRESSURE REGULATOR	6
	HUNTER IC22 12 STATION CONTROLLER, 120VOLT INSTALL WITH A SOLAR SYNC (WITH EVAPOTRANSPIRATION SENSOR AND RAIN SENSOR AND BY-PASS BOX.) GROUND WITH AN 8" COPPER CLAD ROD.	1
	5/8" POTABLE IRRIGATION METER TO PROVIDE 10 GPM AT 40 PSI	1
	5/8" DOUBLE CHECK VALVE BACKFLOW PREVENTOR	1
	HUNTER "SOLAR SYNC" WITH EVAPOTRANSPIRATION SENSOR AND WEATHER CONTROL SYSTEM	1
	LATERAL LINE SIZE PER PLAN	SEE PLAN
	1-1/2" MAINLINE CLASS 200 P.V.C. SIZE PER PLAN	SEE PLAN
	SLEEVING - SCH. 40 P.V.C. MIN. DEPTH OF 24" (ALL 6" SLEEVES TO HAVE ACCOMPANYING 2" SLEEVE FOR WIRES)	SEE PLAN

	SYM	NOZZLE	NOZZLE PATTERN	GPM
MP1000 8'-15' radius	A	MAROON	90° ADJUSTABLE ARC	.19
	B	MAROON	180° ADJUSTABLE ARC	.37
	C	LT. BLUE	210° ADJUSTABLE ARC	.43
	D	LT. BLUE	270° ADJUSTABLE ARC	.57
	E	OLIVE	360° ARC	.75
MP2000 13'-21' radius	F	BLACK	90° ADJUSTABLE ARC	.40
	G	BLACK	180° ADJUSTABLE ARC	.74
	H	GREEN	210° ADJUSTABLE ARC	.86
	I	GREEN	270° ADJUSTABLE ARC	1.10
	J	RED	360° ARC	1.47
MP3000 22'-30' radius	K	BLUE	90° ADJUSTABLE ARC	.86
	L	BLUE	180° ADJUSTABLE ARC	1.82
	M	YELLOW	210° ADJUSTABLE ARC	2.12
	N	YELLOW	270° ADJUSTABLE ARC	2.73
	O	GRAY	360° ARC	3.64
STRIPS & CORNERS	P	TURQUOISE	45°-105° ADJUSTABLE ARC	.45
	Q	IVORY	5'x15' LEFT STRIP	.22
	R	COPPER	5'x15' RIGHT STRIP	.22
	S	BROWN	5'x30' SIDE STRIP	.44
BUBBLERS AND MICRO-SPRAYS	T	PCN10	1.00 GPM FLOOD BUBBLER	1.00
	U	PCN50	.50 GPM FLOOD BUBBLER	.50
	V	SR-2Q	90° 2' RADIUS	.11
	W	SR-2H	180° 2' RADIUS	.16
	X	MS-F	360° 5' RADIUS	.50



NOTES:

1. BEDDING SHALL BE PLACED AND LEVELED PRIOR TO INSTALLATION OF BURY ITEM.
2. BACKFILL SHALL BE PLACED IN MAXIMUM 6" LIFTS.
3. SLEEVE ALL PIPE AND WIRE SEPARATELY. SLEEVE 2" X DIA. OF PIPE (MIN 2"). ONE PIPE PER SLEEVE. SLEEVES TO BE PRIMED AND SOLVENT WELDED.
4. ALL ELECTRICAL AND TELECOMMUNICATIONS SPECIFICATIONS WITH PIPE LABELING FACING UP FOR INSPECTION PURPOSES. PROVIDE A MINIMUM OF 2" CLEARANCE TO SIDE OF TRENCH AND BETWEEN PIPES.
5. ALL 120 V. WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
6. TAPE AND BUNDLE IRRIGATION CONTROL WIRES EVERY 10'. PROVIDE LOOSE 20' LOOP AT ALL CHANGES OF DIRECTION OVER 30'.
7. ALL REMOTE CONTROL VALVE WIRING NOT INSTALLED WITH MAINLINE PIPE SHALL BE INSTALLED IN A MINIMUM 2" SCHEDULE 40 GREY ELECTRICAL CONDUIT OR AS APPROVED.
8. "NON-POTABLE" WARNING TAPE TO BE INSTALLED ON ALL PRESSURIZED MAINLINES 12" ABOVE THE PIPE.
9. INSTALL ONE ADDITIONAL SLEEVE, SIZED TO MATCH THE LARGEST REQUIRED SLEEVE WITH ENDS TAPED FOR FUTURE USE.
10. SLEEVES TO EXTEND A MINIMUM OF 12" PAST HANDS/SPADE PLANTERS, CURBS, SIDEWALKS, ETC. SLEEVES TO BE STAGGERED/OFFSET SO THAT SLEEVE USE IS NOT OBSTRUCTED BY OTHER PIPES.
11. ALL ELECTRICAL AND TELECOMMUNICATIONS WIRING IS INSTALLED WITHOUT CONTROL WIRING, A 14 GA. TRACKING WIRE SHALL BE INSTALLED.



- | | |
|--|---|
| ① IRRIGATION CONTROLLER (12C-80U-PL) PER PLAN | ④ ADJACENT SURFACE TO MOUNT CONTROLLER PER PLAN |
| ② IRRIGATION CONTROL WIRE IN CONDUIT SIZE AND TYPE PER LOCAL CODES | NOTE
MOUNT CONTROLLER LOW
SCREEN AT EYE LEVEL,
CONTROLLER SHALL BE
HARD-WIRED TO GROUND
110 VAC POWER SOURCE |
| ③ ELECTRICAL SUPPLY CONDUIT CONNECT TO POWER SOURCE, J-BOX INSIDE CONTROLLER | |

(F) ICC2 WALL MOUNT CONTROLLER

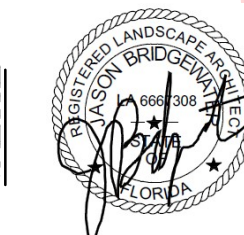
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FACILITIES NO LESS THAN TWO
(2) DAYS PRIOR TO EXCAVATION



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REVISION	DATE	REVISION	DATE
REVISED LS AND IR	7/13/22		
TOWN COMMENTS	9/7/22		

DATE: 09/07/2022



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Registered Landscape Architect
FL. Registration -LA 6667308

2732 North Temple Ave

Howey in the Hills, Florida

DATE: 06/01/22
DRAWN: JB
CHECKED: JB

L2
IRRIGATION PLAN

PROJECT NO.: 2022.069