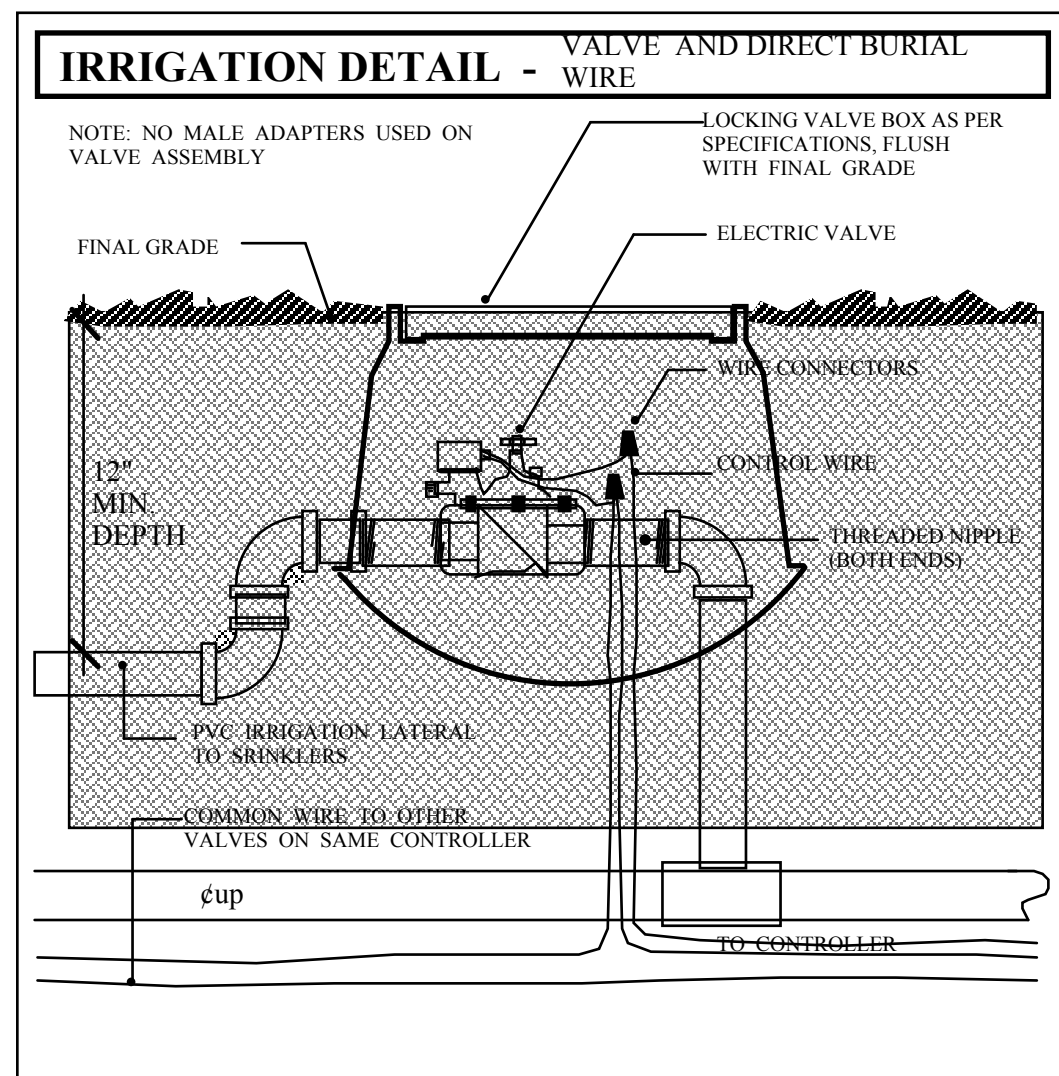
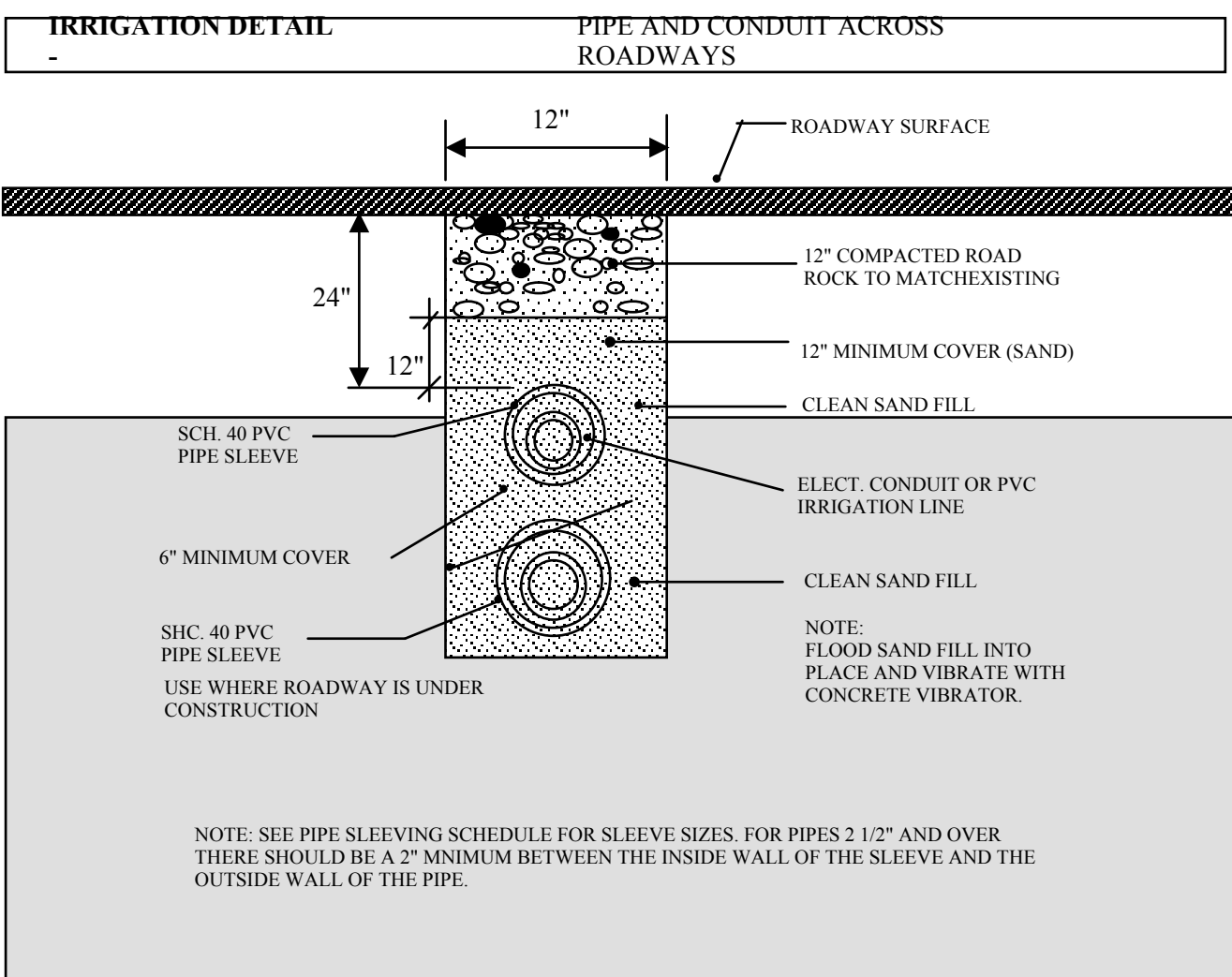
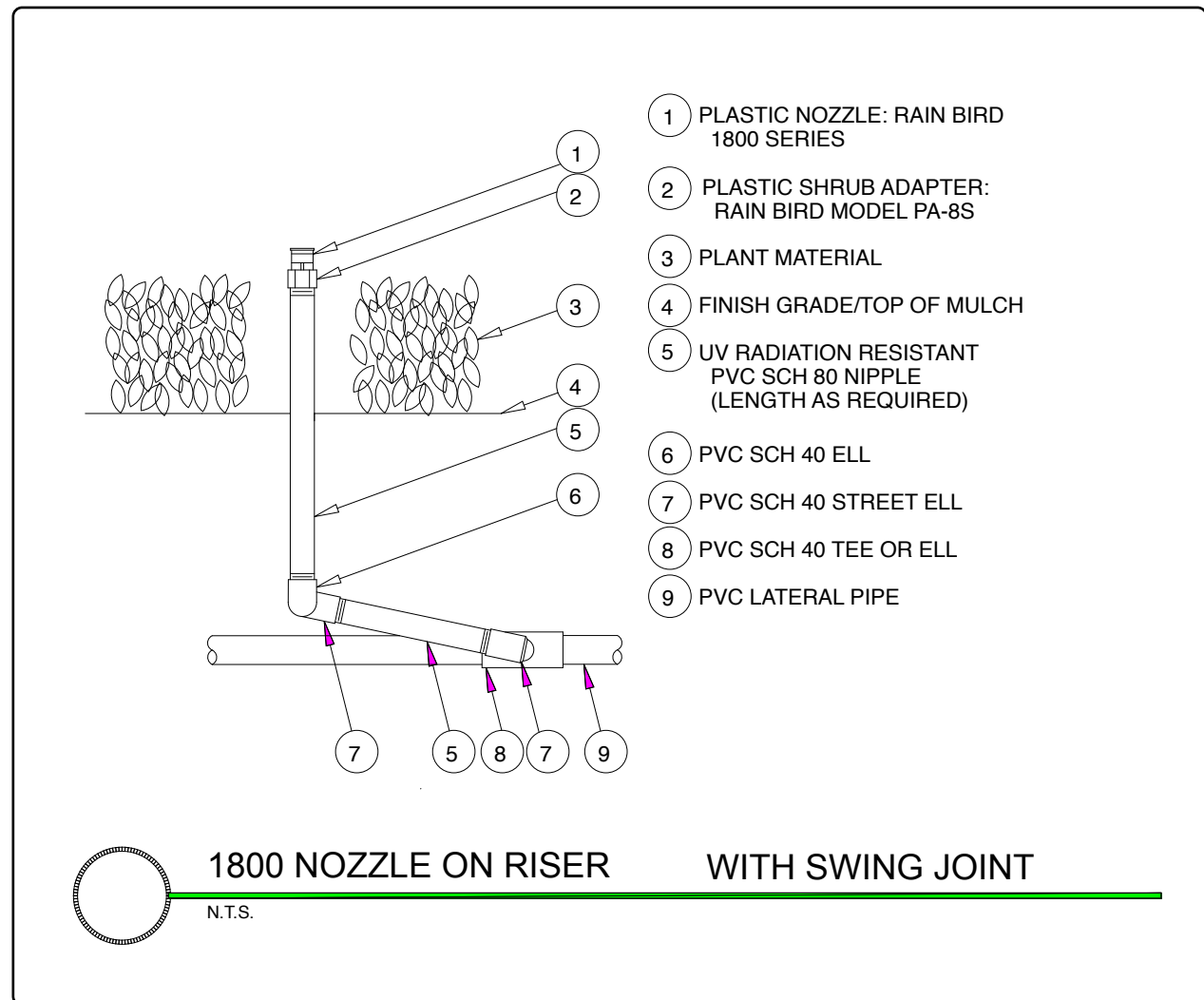
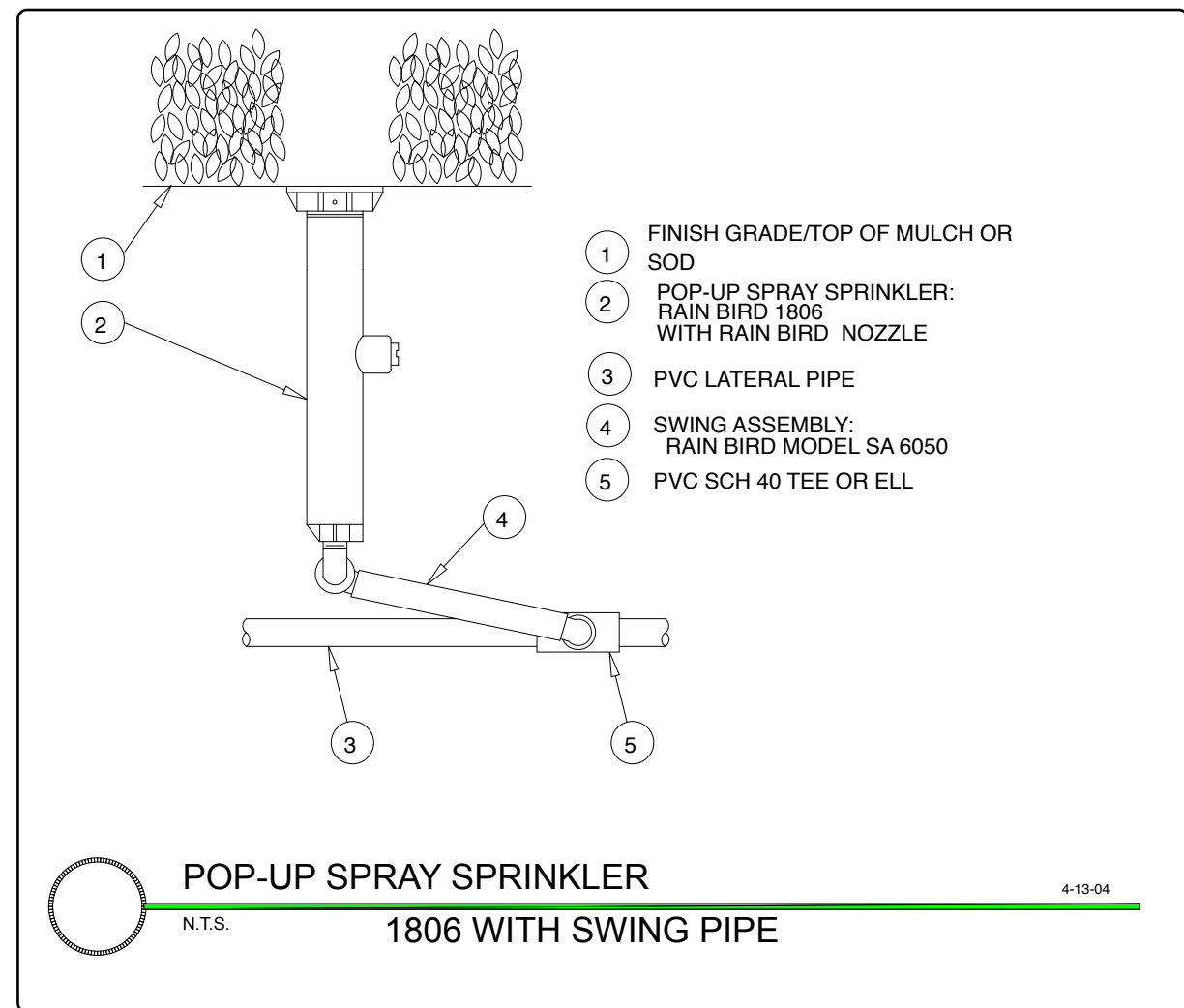
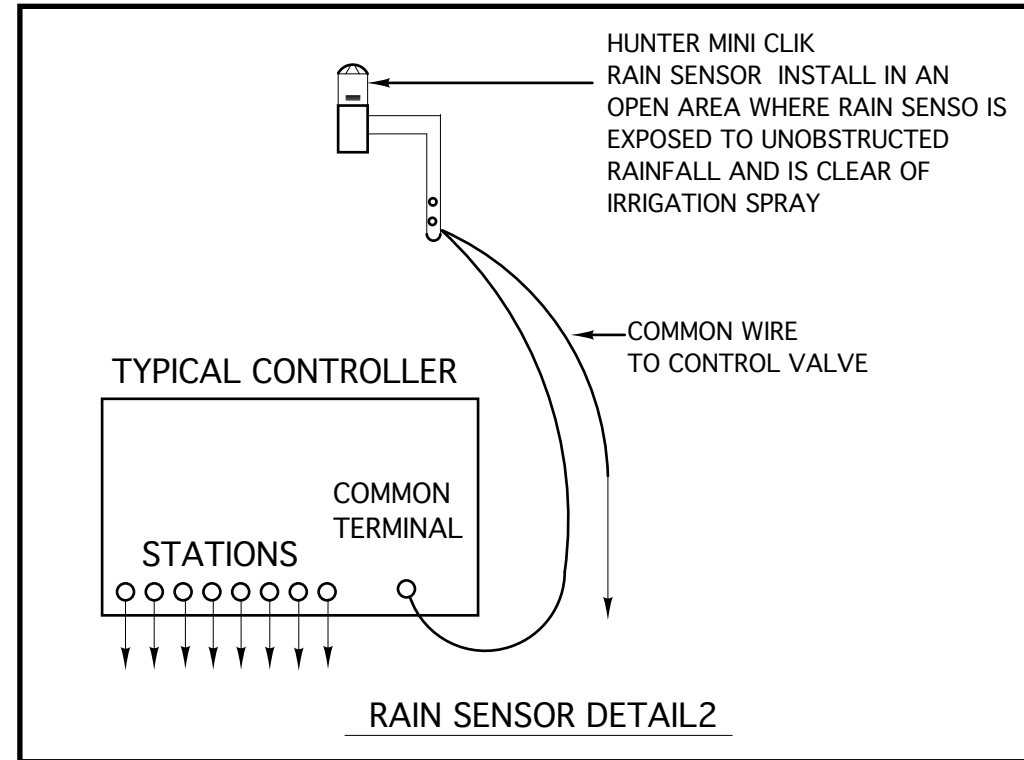


IRRIGATION MASTER KEY

NO.	CODE	ITEM DESCRIPTION	INSTALLATION SPEC.
6-12000016 7/15/2026	SU LINE NOTE	SLEEVES IN THIS CONTRACT Sleeves under roadways and driveways shall be SCH40 Sleeves under sidewalks can be CLASS 160 PVC Install as per details and specifications.	Each sleeve shall be a minimum of two sizes larger than lateral pipe enclosed and each crossing shall include separate electrical conduit sleeves. All sleeves under pavement or roads shall be a minimum of 24" below the top of paving to the top of the sleeve and under walks at 12" below grade. Irrigation contractor shall supply and place sleeves, and be responsible for their locations. Slewing shall be installed at the most logical locations to avoid underground utilities and structures. Slewing locations shall be considered schematic on irrigation plans. The GC shall backfill and pave as required. No rock shall be in contact with PVC sleeves. All Asphalt base compaction and paving shall be made by the Paving Contractor on the job.
	00C17 CON	IRRIGATION CONTROLLER HUNTER ICC-4 4 Zone Electromechanical controller. Add zone modules as needed. Controller will be installed as part of the pump station within pump enclosure. Contractor shall provide electrical service to pump station. Electrical hook-up provided by GC's electrician on site. Irrigation Contractor to coordinate with GC / Electrician.	Contractor shall mark stations on the controller panel to correspond with the zone numbers on this plan and set operating sequence to correspond with the numbering.
	CONTR NOTE	IRRIGATION CONTRACTOR UTILITIES ABOVE AND BELOW GROUND.	Contractors shall be responsible for the location and verification of all overhead and underground utilities. Contractor shall coordinate with all of the appropriate agencies to verify utilities in the field. Contractor shall be responsible for the protection and maintenance and any damage to existing utilities and structures that may occur in the implementation of the scope of work within this project. CONTRACTORS MUST USE THE NEW STANDARD SCHEDULE OF COLORS DESIGNATED FOR MARKINGS ON THE GROUND 1994 edition
	00V11 VALVE BOX	VALVE COVER BOX - AMETEK Heavy Duty Box with Locking Covers, JVB-10 Box 10" Dia.	All valve assemblies to be installed below grade shall include AMETEK valve boxes with a 2" layer of drainage gravel as clean dry ballast for a bottom. Install top of box flush with surrounding grade, grass or mulch depending on location. Group valve assemblies so they are accessible with the correct size box. Any substitutions must be approved by landscape architect by providing sample or product information for review and written approval.
	70A Head	RAINBIRD 1800 SERIES, XP and VAN SERIES 1806-PRS 6" POP-UP 3/4 HDS FULL Low Gallon Nozzles 1/4 HDS 1/2 HDS HEADS 2.5" 4" 5" 6" 8" 10" 12" 15" Radius	All heads in tall shrub beds shall be mounted on sch. 160 12" risers painted krylon jungle green.
		RAINBIRD SPECIAL PATTERN SERIES	Contractor shall adjust head spray to eliminate over spray of water onto structure walls, driveways, and walkways.
	HEAD NOTE	GENERAL HEAD NOTE ALL HEAD LOCATIONS SHOWN ON PLANS ARE SCHEMATIC	Contractor to maintain 100% coverage with minimum 50% overlap when minor head location changes are necessary due to field conditions. Install adjustable angle nozzles where needed. "All heads in open grass areas to be mounted on polytype swing joints. Heads in shrub areas shall be installed on SCH 160 risers raised to 6" above plant height, and with PVC SCH 160 swing joint assemblies below grade. Risers taller than 24" above grade shall be staked for support. All risers shall be fitted with shrub adapters and appropriate nozzles. All risers shall be painted with Krylon Jungle Green or equal.
	RAIN SENSOR	"MINI CLIK" RAIN SENSOR MODEL 502 TO BE INSTALLED BY IRRIGATION CONTRACTOR IN AN EASILY ACCESSIBLE POSITION INSTALL NEAR PUMP STATION	"MINI CLIK" Mount the Mini Klik PER MANUFACTURER'S SPECIFICATIONS. Each system shall have it's own individual rain sensor. Contractor is responsible for a fully operational system from timeclock to location of the sensor.

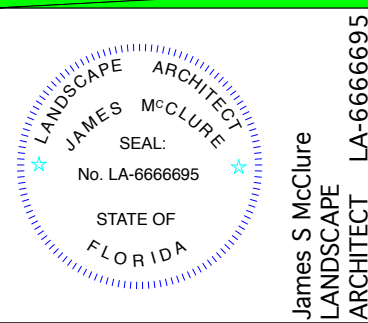
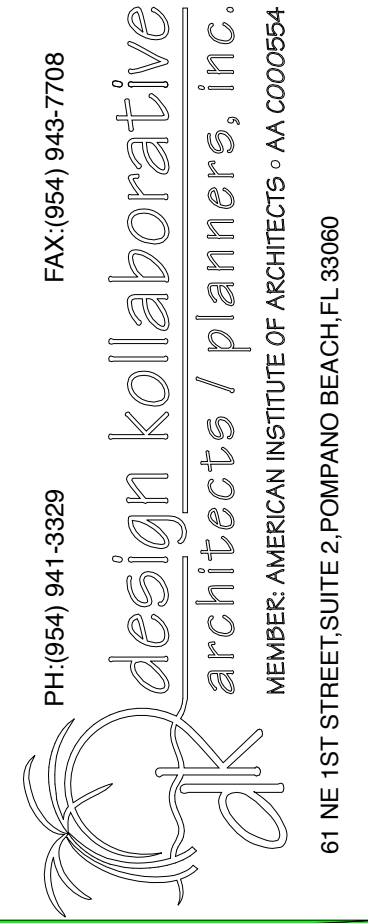
IRRIGATION MASTER KEY

KEY	NO.	CODE	ITEM DESCRIPTION	INSTALLATION SPEC.
	00V1	WIRE LOW VOLT	Control Wires for 24V Automatic Valves, shall be installed by Irrigation Contractor. Wire shall be sleeved in minimum 1" SCH 40 electrical conduit buried a minimum of 24". Contractor shall run (2) spare control wires and (1) one spare common wire to the furthest ends of system in each direction. Common wire shall be grey or green, while the control wires shall each be a different color.	All irrigation control wires shall be U.L. approved 24V solid copper wire. Wires shall operate 24V automatic sprinkler valves and enter the box from below. Hot and spare wires to be AWG size 14 gauge and common wires to be AWG white size 12 gauge. Number 14 wire to be color coded separately with dark colors. Multi strand cable shall only be used between the controller and the first splice pit and shall not exceed 20 feet. No splices between valves: All splicing shall be done in valve boxes only. All splices made with 3MBDY wire connectors. All valve box locations to be approved by the land arch. All valve boxes set level w/grade.
	00V1A	MASTER VALVE	Irritrol Series 700 or Series 100 Use Angle configuration 3" valves for zones to GPM volumes 171-200 2" valves for zones to GPM volumes 71-170 1.5" valves for zones to GPM volumes 41-70 1" valves for zones to GPM volumes btwn 10-40	All Valves shall be installed in a separate AMETEK valve box. All valve boxes to be placed upon a 2" layer of gravel. All valves assembled with Sch. 80 PVC nipples shall be used in place of male adapters. Top stem of valve assembly to be 6" below cap of valve cover box. This valve shall be used as the job standard. Valve controlling each Zone as well as use as the Master Control Valve for applicable plans. All valve box locations to be approved by the Landscape Architect. All boxes to be set level with grade.
	PIPE GEN NOTE	LATERAL PIPE All New Pipe and Fittings. Size as noted in plans.	3/4" Pipe to be Class 200 . All other lateral pipe to be Class 160 , except where ground is rocky; in rocky ground SCH 40 pipe will be used. Class 200/160 will be protected on all sides with at least 6" of clean, debris-free builders sand. All laterals to be placed 12" minimum below grade. All lateral pipe under pavement to be sided. No lateral installed shall be less than 3/4".	
	PIPE GEN NOTE	MAIN & LATERALS <		



ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS, INDICATED OR REPRESENTED BY THIS DRAWING, ARE OWNED BY AND THE PROPERTY OF THIS OFFICE AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NO PART OF THIS DRAWING OR ANY INFORMATION OR PLANS, SHALL BE USED OR DISCLOSED TO ANY PERSON WITHOUT THE WRITTEN PERMISSION OF & ARCHITECTS/PLANNERS INC.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB, AND THIS OFFICE MAY BE NOTIFIED OF ANY DISCREPANCIES. CONTRACTORS SHALL BE RESPONSIBLE FOR SHOWING THE LOCATION OF ALL EXISTING UTILITIES AND CONDITIONS. ANY CHANGES TO THE DRAWINGS, SHOP DRAWINGS OR CONDITIONS, MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL, BEFORE PROCEEDING WITH FABRICATION ON ITEMS SO NOTED.



**SMAX LLC
(MAX MARINE ELECT.)
OUTDOOR STORAGE**

1370 DR. MARTIN LUTHER KING JR. BLVD.
POMPANO BEACH, FL 33060

DATE		
2025-07-22		
SHEET NAME		
IRRIGATION PLAN		
PROJECT NO.		
25006		
BY	REVISIONS	DATE

SHEET NO.

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