

NOTES:

PIPING:
MAINLINES: SCH. 40 PVC
ZONE LINES: CLASS 200 FOR 3/4" & 1", CLASS 160 FOR 1-1/4" & LARGER
SLEEVES: SCH. 40 PVC SOLVENT WELD (USE NO COUPLINGS.)
FITTINGS: SCH. 40 PVC

FABRICATION: SQUARE CUT, DEBURR AND FULLY ENGAGE JOINTS. USE PURPLE CLEANER AND MEDIUM BODY GREY CEMENT FOR ALL CONNECTIONS
ALL PIPE AND FITTINGS TO CONFORM TO LATEST ASTM SPECS.

DEPTH OF LINES:
MAINLINE & WIRING = 24" DEEP, MIN.
SLEEVES UNDER PAVEMENT = 36" DEEP, MIN.
ZONE LINES: 18" DEEP, MIN. FOR 2" & LARGER & 15" DEEP, MIN. FOR 1-1/2" & LESS

CONTROL WIRING:
INSTALLATION SHALL BE A 2 WIRE SYSTEM. RUN A 14 AWG MAXI WIRE CABLE IN A MIN. 3/4" GREY CONDUIT. SYSTEM SHALL BE A SMART VALVE W/ IVM-SOL SOLENOID.
INSTALL A RAINBIRD IVM-OUT GROUND DEVICE WITH AN 8" COPPER GROUND ROD AT CONTROLLER. LAST VALVES AND 2 ADDITIONAL AT 500 FT. SPACING ALONG RUN ALONG NW 18 ST. SYSTEM SHALL COMPLY WITH RAINBIRD STANDARD AND SPECIFICATIONS. WIRE CONNECTIONS TO BE RAINBIRD WC20 MOISTURE PROOF.

BACKFILL: ALL TRENCHES FREE OF DEBRIS OR SHARP OBJECTS. USE CLEAN FILL AS LOCAL CODES REQUIRE. COMPACT TO ORIGINAL DENSITY. FLUSH ALL LINES. USE SCREENS IN ALL HEADS. ADJUST HEADS FOR PROPER COVERAGE AVOIDING WATER ON WALLS, WALKS OR PAVED AREAS. ALL DETAILS ARE GRAPHICALLY SHOWN ONLY. QUANTITIES SHOWN SHALL BE VERIFIED PRIOR TO BIDDING OR INSTALLATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE COMPLETE OVERLAPPING COVERAGE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER AND LANDSCAPE ARCHITECT/IRRIGATION DESIGNER BEFORE PROCEEDING. THE LANDSCAPE ARCHITECT/IRRIGATION DESIGNER RESERVES THE RIGHT TO MAKE MINOR FIELD CHANGES. THE CONTRACTOR MAY MAKE MINOR ADJUSTMENTS/ NOZZLE SELECTION TO SUIT FIELD CONDITIONS. LOCAL CODES AND REGULATIONS SHALL TAKE PRECEDENCE OVER THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY.

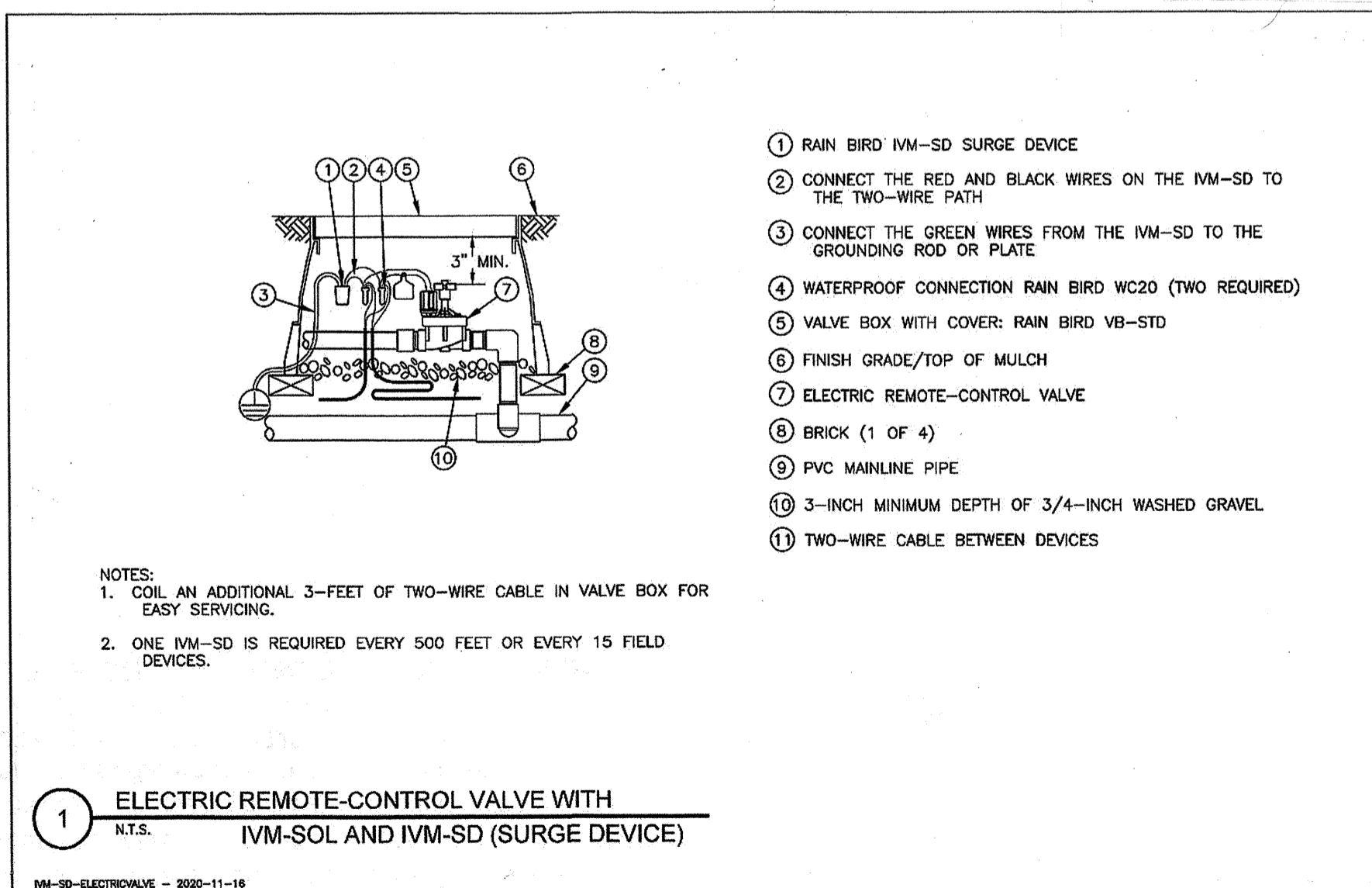
PROVIDE THE OWNER WITH AN ACCURATE "AS INSTALLED" PLAN SHOWING THE MAINLINES, WIRE SPLICES, VALVE LOCATIONS & ROAD CROSSINGS USING TWO DIMENSIONS FROM FIXED DATUMS.

PRESSURE TEST MAINLINES AT 100 PSI FOR 2 HOURS WITH A MAX. 5 PSI LOSS ALLOWED. MAIN MAY BE TESTED IN SECTIONS. LOCATE AND REPAIR ANY LEAKS.

CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO COMMENCEMENT OF WORK AS REQUIRED BY FLORIDA LAW.
INSTALLATION SHALL CONFORM TO THE LATEST FLORIDA BUILDING CODE, APPENDIX "F" AND THE REGULATIONS OF THE CITY OF POMPANO BEACH, FL.

SPRINKLER HEAD LEGEND			
SYM.	TYPE	MODEL	QTY.
	POP UP ROTORS	K-RAIN #RPS75-4.0 ADJ.	31
	6" POP UP SPRAYS	#RPS75-360-6.0	2
	12" POP UP SPRAYS	K-RAIN #PRO-S-06-NOZZLE BELOW	342
	FLOOD BUBBLERS	K-RAIN #TB-05	87
		-FN 15'KV/F	
		-FN 15'F	
		-FN 15'HL	
		-FN 15'H	
		-FN 15'KV/F	
		-FN 15'Q	
		-FN 12'KV/F	
		-FN 12'H	
		-FN 12'Q	
		-FN 10'KV/F	
		-FN 10'H	
		-FN 10'Q	
		-FN 15'SS	
		-FN 15'ES	
		-5'CST(HUNTER)	
		-FN 12'KV/F	
		-FN 15'HL	
		-FN 10'H	
		-FN 15'SS	
		-FN 15'ES	

SYMBOLS - LEGENDS	
	MAINLINE: 3" SCH. 40 PVC 2/2 WIRE CABLE IN MIN. 3/4" GREY CONDUIT
	SLEEVES: SCH 40 PVC
	MAINLINE STUBOUTS W/ 10" RAINBIRD VALVE BOX
	MAINLINE ISOLATION VALVES W/ 10" RAINBIRD VALVE BOX
	2" AIR RELEASE VALVE W/ 12" RAINBIRD VALVE BOX
	POINT OF CONNECTION: 2" WATER METER - EXISTING 3" PRESSURE BACKFLOW TO CODE 3" MASTER VALVE (INSTALL BACKFLOW IN A GUARD SHACK ENCLOSURE W/ CONCRETE PAD TO COVER BACKFLOW MANIFOLD)
	CONTROLLER: RAINBIRD ESPLXIVM. INSTALL ON BUILDING
	RAINSWITCH: IN OPEN AREA TO CODE
	ZONE VALVES: RAINBIRD PGA SERIES W/ IVM-SOL. SIZE AS NOTED ON PLANS INSTALL IN A RAINBIRD 12" STANDARD VALVE BOX
	ZONE # GPM OF ZONE
	RAINBIRD IVM-SD SURGE ARRESTOR W/ GRD. PLATE OR ROD PER MFG. SPECS.



SUBMISSION
11/26/25
NOT FOR CONSTRUCTION

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12/11/24 CITY COMMENTS
9/26/24 CITY COMMENTS
5/22/24 CITY COMMENTS

ISSUE HISTORY
PROJ NO: 23034A
PROJ MGR: DC
DRAWN BY: RH
CHECKED BY:

DRAWING TITLE:
Irrigation Details

SHEET:
009.14 I-5