

## LAYOUT

**FLAG ALL SPRINKLER HEAD LOCATIONS. ADJUST LOCATION AND MAKE THE NECESSARY MODIFICATIONS TO NOZZLE TYPES ETC. AS REQUIRED TO INSURE 100% COVERAGE AND 50% OVERLAP.**

## PIPE

PIPING UNDER HARDSCAPES SUCH AS ROADS, WALKS, AND PATIOS ARE TO BE SLEEVED USING SCH. 40 PIPE.

**\*SIZE ALL PIPE SO NOT TO EXCEED 5' PER SECOND**  
**\*INSTALL RAIN SENSOR AS PER LOCAL CODE**

**AIR RELEASE VALVES TO BE USED AT THE END OF ALL MAINLINE RUNS.**

## WIRES

MAXI-WIRE (14 GAUGE) TO BE INSTALLED ALONG MAINLINE INSTALLATION. USE 2" SCH. 40 PVC WITH SWEEP ELBOWS AT TURNING LOCATIONS WHEN SLEEVING IS REQUIRED. ALL SPLICES AND DECODERS SHALL BE ENCLOSED WITHIN A VALVE/SPLICE BOX. 3M DIRECT BURY DBY-6 WATERPROOF CONNECTIONS SHALL BE USED AT ALL DECODER CONNECTIONS (ENCAPSULATION).

**WIRE RUNS SHALL NOT EXCEED 2.4 MILES (STAR) OR 9.6 MILES (LOOP).**

**A SINGLE FIELD DECODER SHOULD BE USED TO OPERATE A SINGLE SOLENOID/VALVE.**

**ALL IRRIGATION CONTROLLERS/DECODERS TO BE PROPERLY INSTALLED AND GROUNDED IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS. INSTALL SURGE PROTECTION ALONG 2 WIRE-SYSTEM PER MANUFACTURER'S RECOMMENDATION. (APPROXIMATELY EVERY 500 FEET)**

## FLUSHING

**PRIOR TO PLACEMENT OF HEADS FLUSH ALL LINES UNTIL LINES ARE COMPLETELY CLEAN OF DEBRIS.**

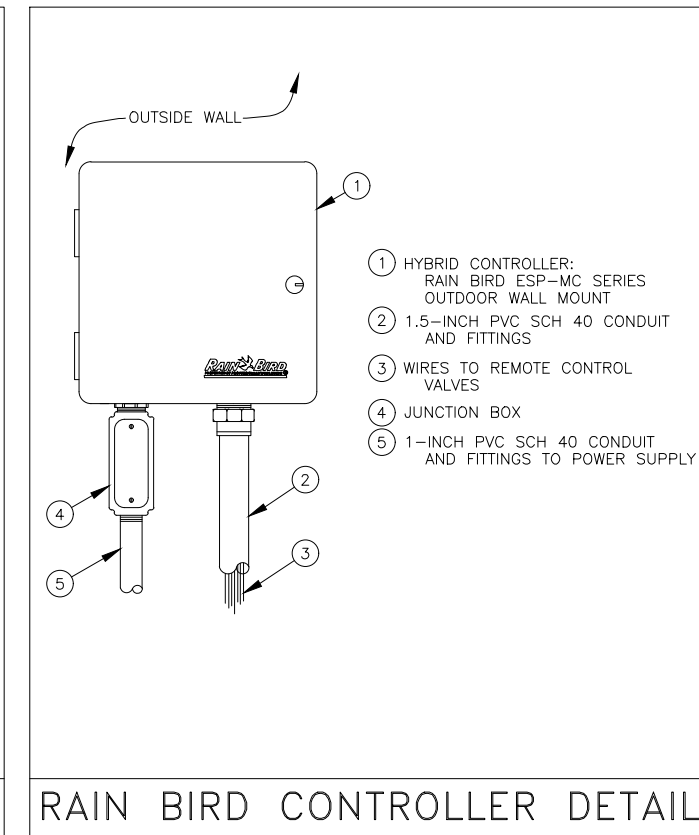
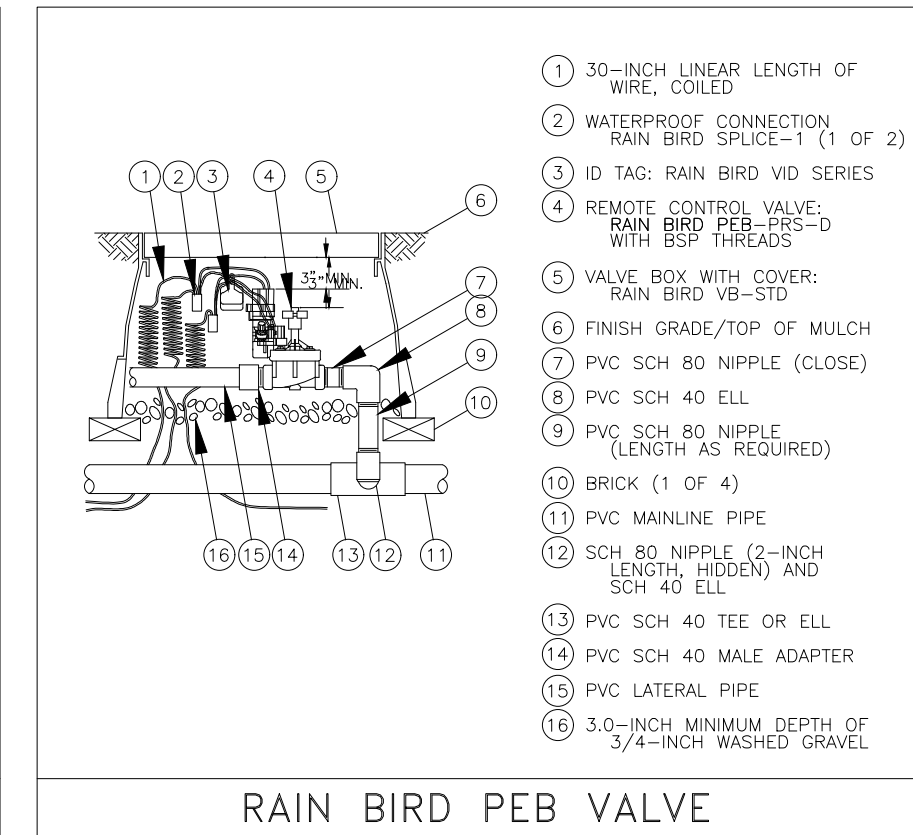
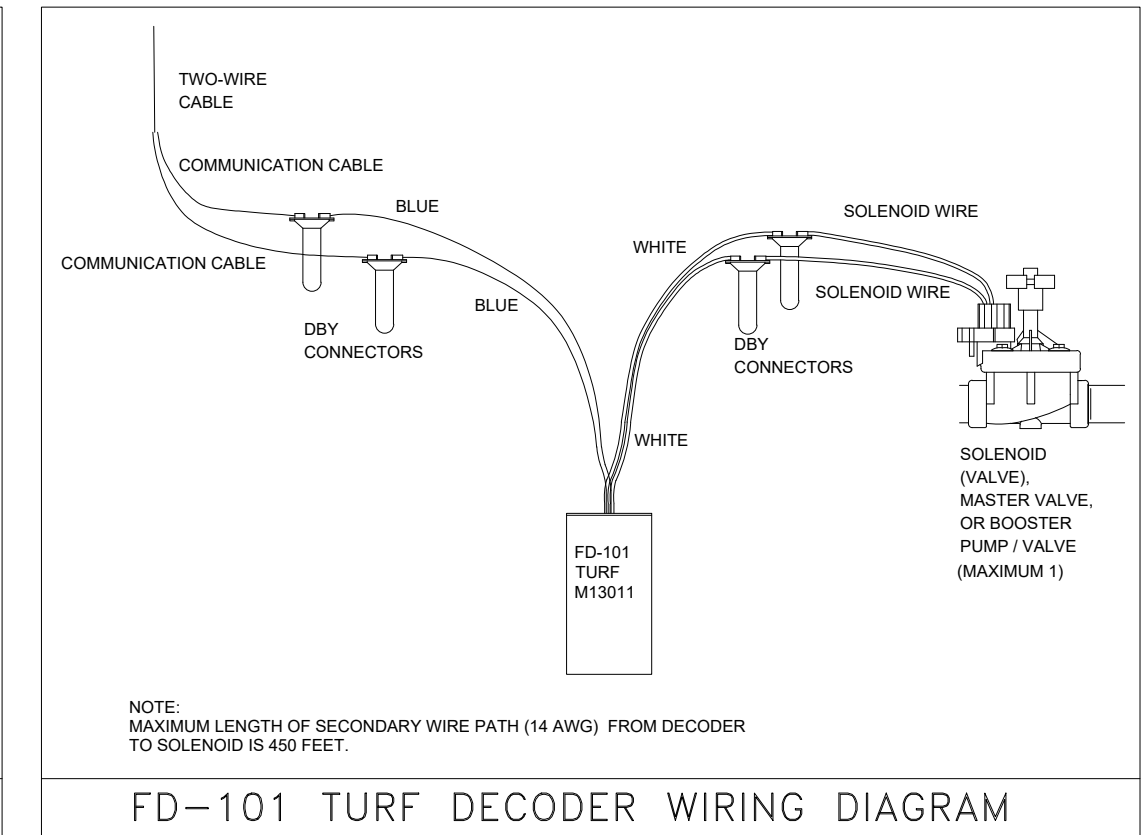
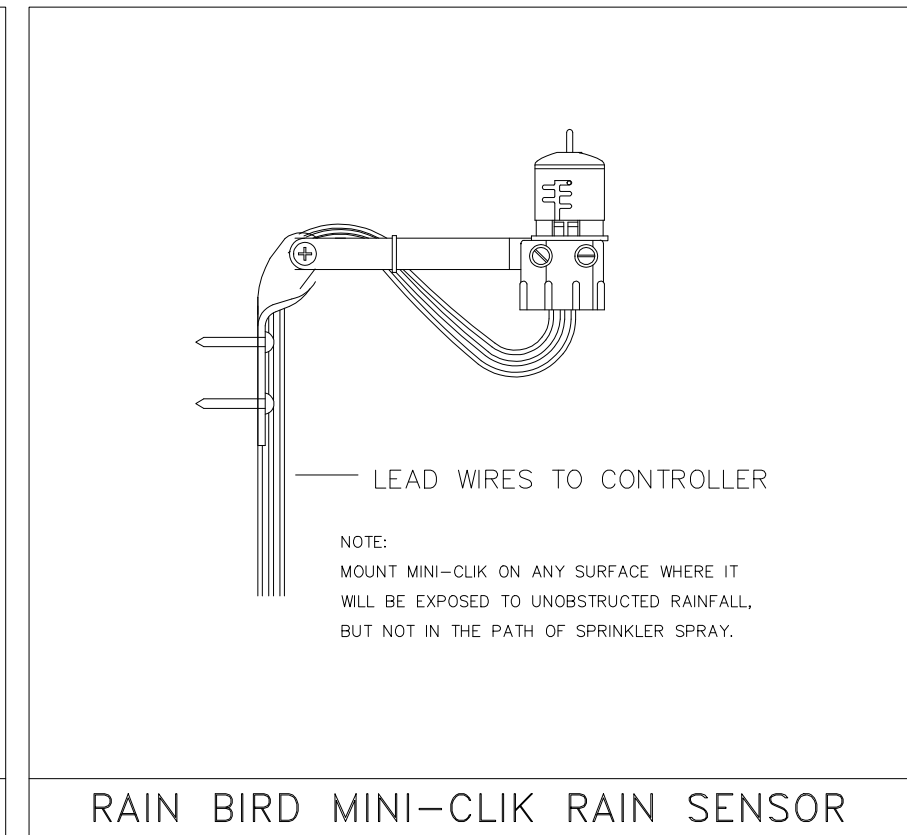
## TRENCHING


































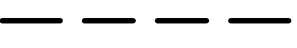
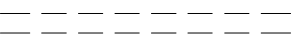
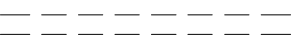
TRENCH BOTTOM TO BE UNIFORM AND FREE OF DEBRIS. NATIVE EXCAVATED MATERIAL USED TO BACKFILL TRENCH SHALL BE FREE FROM ROCKS OR STONES LARGER THAN 1" IN DIAMETER.


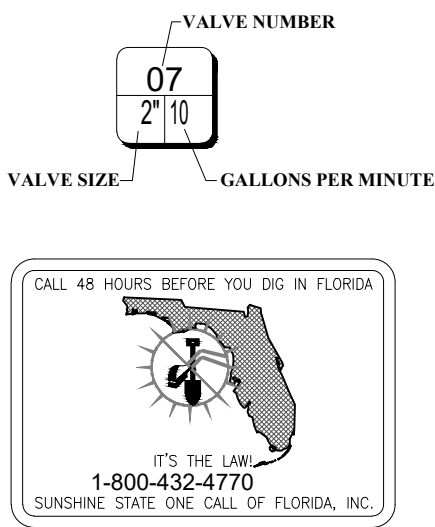
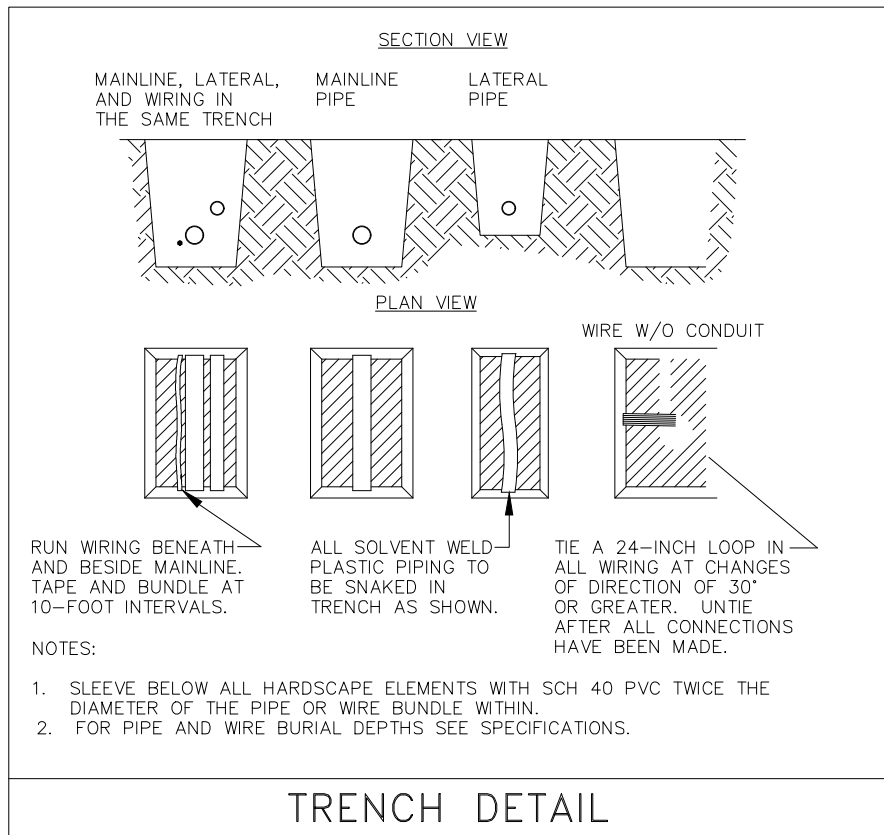
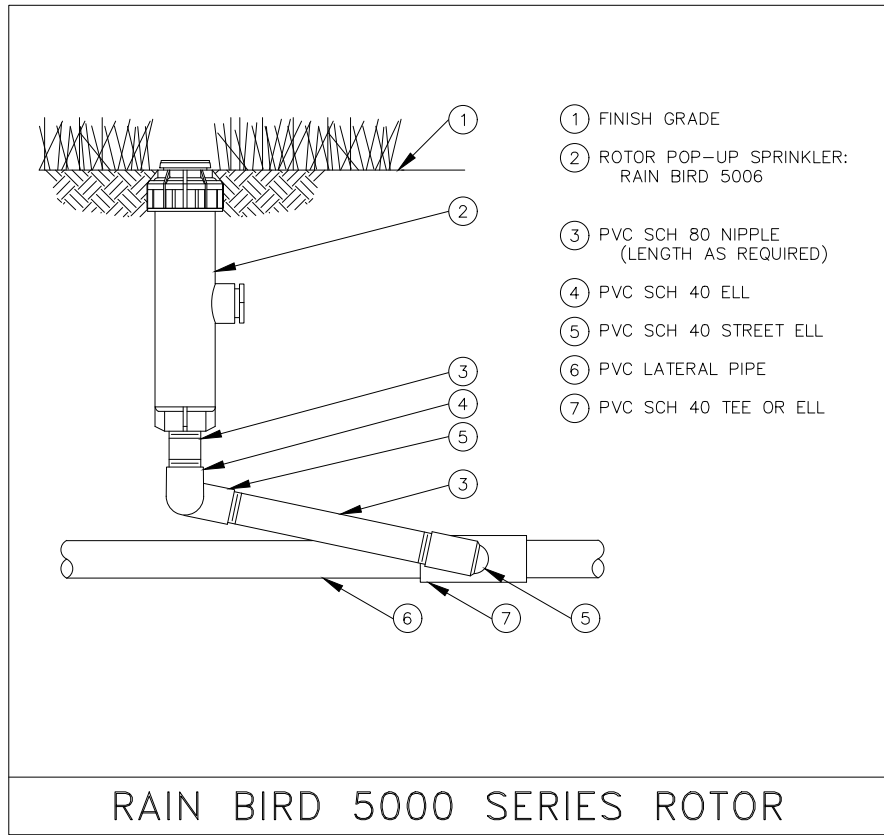
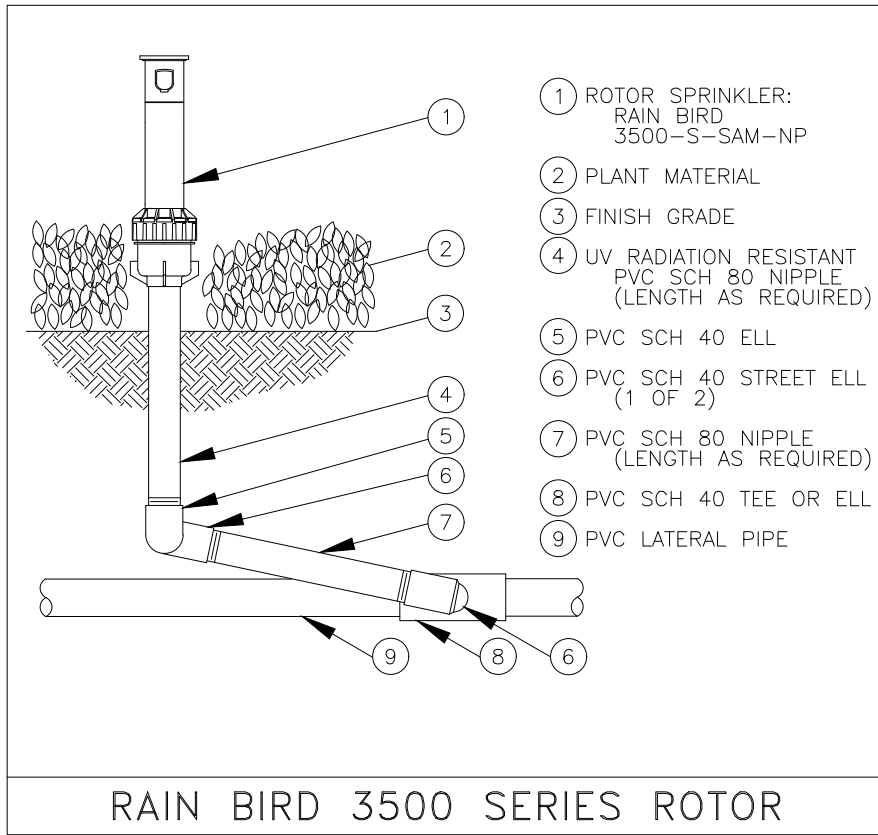
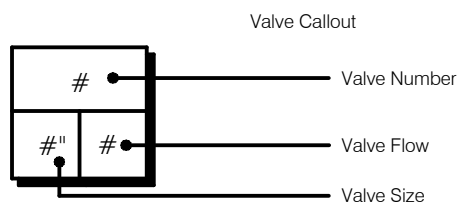
MISC.

**PRESSURE TEST MAINLINE AS PER FLORIDA BUILDING CODE. INSTALL IRRIGATION SYSTEM AS PER LATEST EDITION OF THE FLORIDA BUILDING CODE, APPENDIX F., AND ALL PERTINENT LOCAL CODES.**

**SPRAY HEADS INSTALLED IN SHRUB AREAS TO BE 12 INCH POP-UPS OR INSTALLED ON RISERS.**



IRRIGATION SCHEDULE					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
    	Rain Bird 1806 15 Strip Series Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	76	30		
   	Rain Bird 1806 8 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	158	30		
   	Rain Bird 1806 10 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	55	30		
   	Rain Bird 1806 12 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	847	30		
   	Rain Bird 1806 15 Series MPR Turf Spray 6.0in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	383	30		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
	Rain Bird 3504-PC 0.75 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	12	55	0.85	18'
	Rain Bird 3504-PC 1.0 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	19	55	1.18	22'
	Rain Bird 3504-PC 1.5 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	5	55	1.65	24'
	Rain Bird 3504-PC 2.0 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	28	55	2.15	28'
	Rain Bird 3504-PC 3.0 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	7	55	3.25	32'
	Rain Bird 3504-PC 4.0 Turf Rotor, 4in. Pop-Up. Adjustable and Full Circle.	6	55	4.6	35'
	Rain Bird 5006-PC 1.5 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Standard Angle Nozzle.	18	55	1.71	35'
	Rain Bird 5006-PC 3.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Standard Angle Nozzle.	3	55	3.47	40'
	Rain Bird 5006-PC 4.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Standard Angle Nozzle.	19	55	4.44	42'
	Rain Bird 5006-PC 5.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Standard Angle Nozzle.	1	55	5.66	45'
	Rain Bird 5006-PC 8.0 Turf Rotor, 6in. Pop-Up, Plastic Riser. Adjustable to Full Circle. Standard Angle Nozzle.	6	55	8.86	47'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	Point of Connection 3" 7.5 HP Centrifugal Pump with Rust Inhibitor & 3" Well	1			
	Irrigation Mainline: PVC Schedule 40	4,632 lf			
	Pipe Sleeve: PVC Schedule 40	413.9 lf			
	Pipe Sleeve: PVC Schedule 40 2"	435.9 lf			



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Project: FESTIVAL FLEA MARKET  
POMPAHO, FL  
IRRIGATION DETAILS

[illegible]

Seal:

Lic. # LA6667290  
Member: A.S.L.A.

Drawing: Irrigation Details
Date: 11/25/2024
Scale: NTS
Drawn by: MAV
Sheet No.:
IR-6
Cad Id.: 2024-070