

LAYOUT

FLAG ALL SPRINKLER HEAD LOCATIONS. ADJUST LOCATION AND MAKE THE NECESSARY MODIFICATIONS TO NOZZLE TYPES ETC. AS REQUIRED TO ENSURE 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.

ALL PIPES TO BE IN ACCORDANCE WITH APPENDIX F OF THE LATEST EDITION OF THE FLORIDA BUILDING CODE.

WIRES

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.

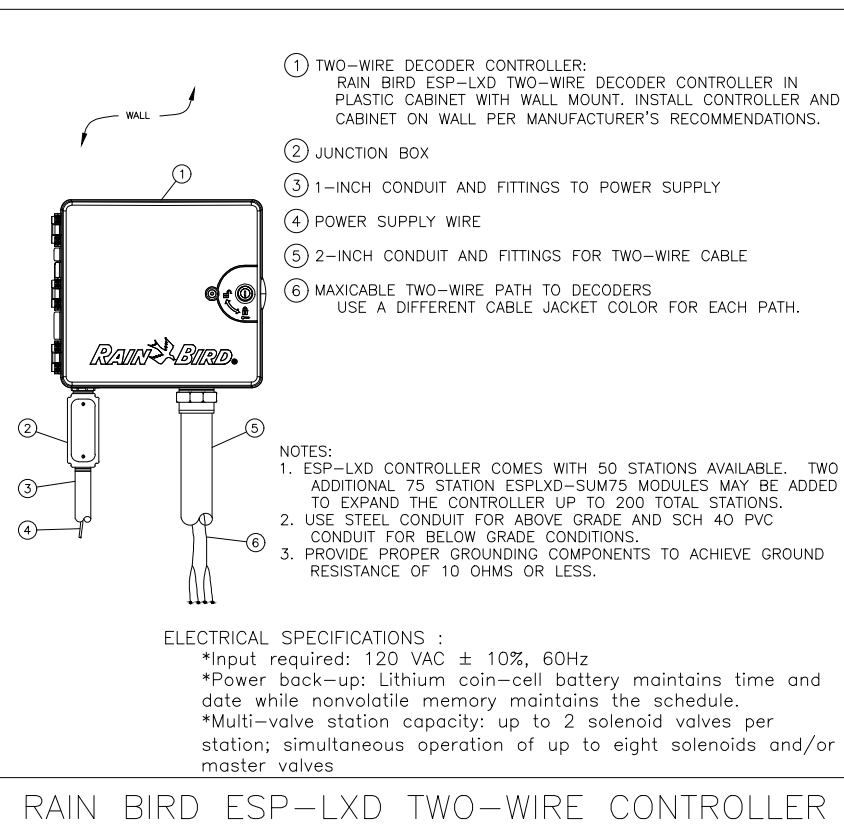
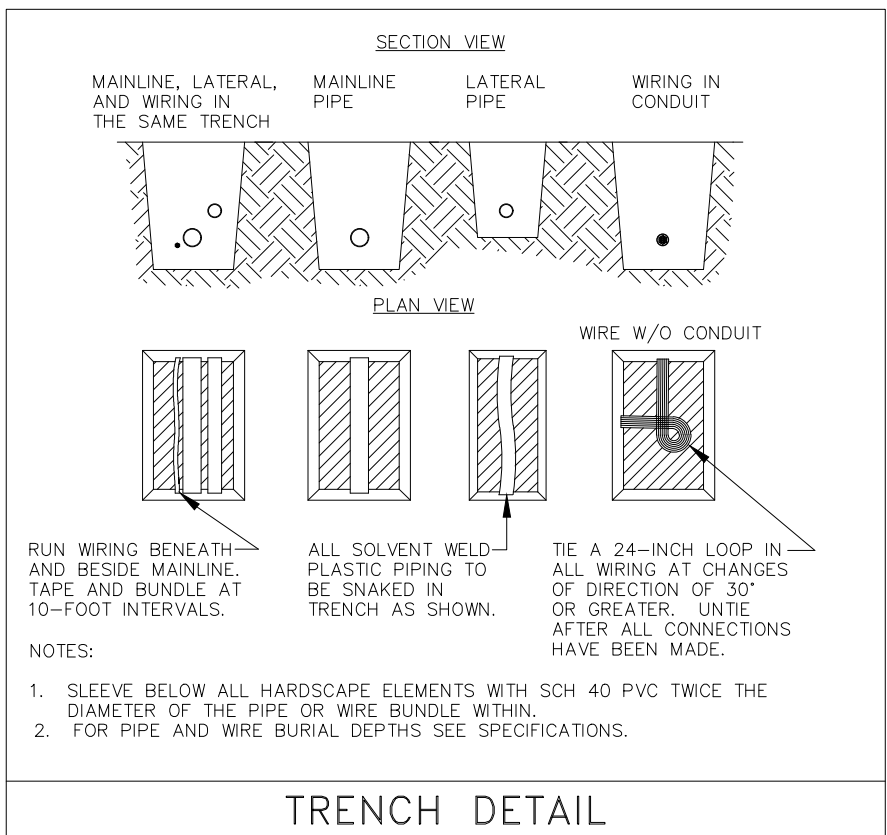
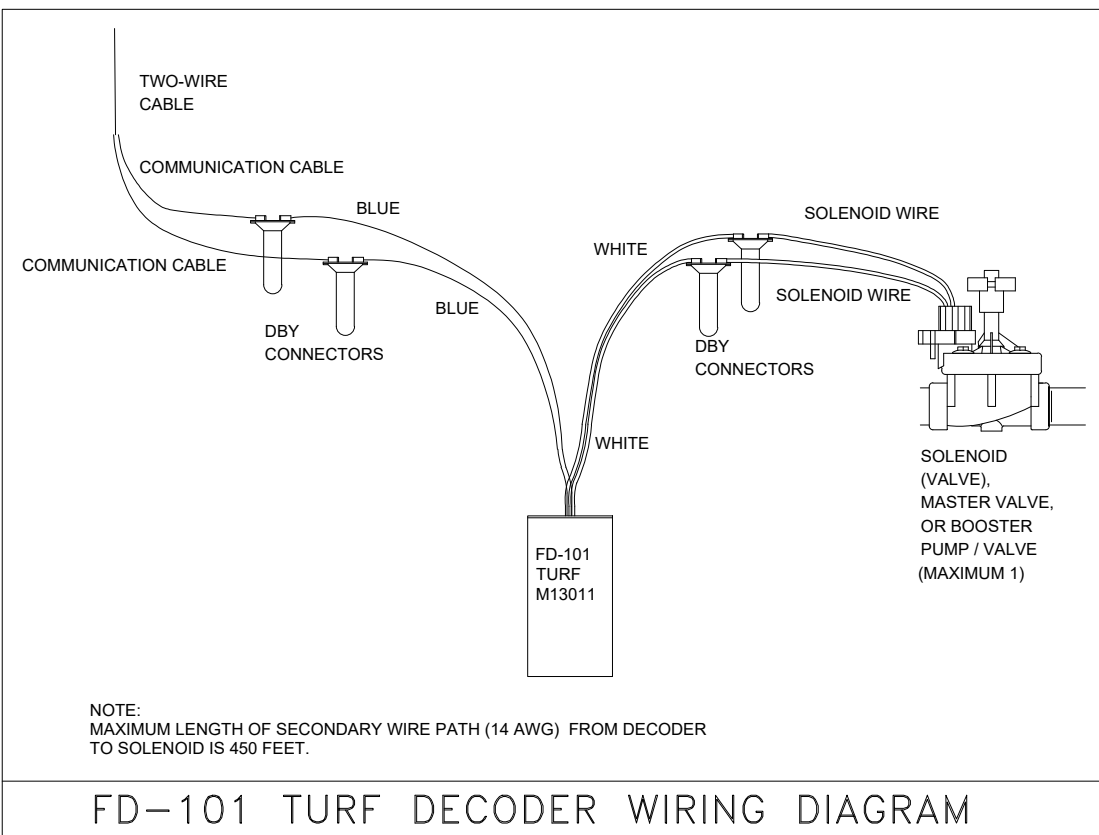
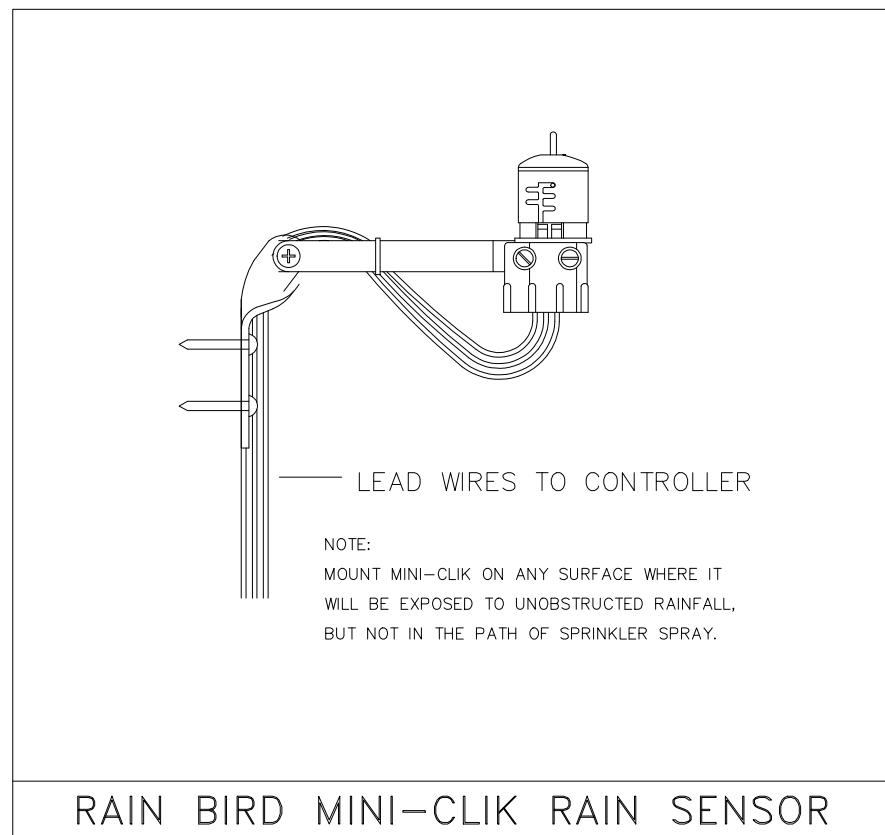
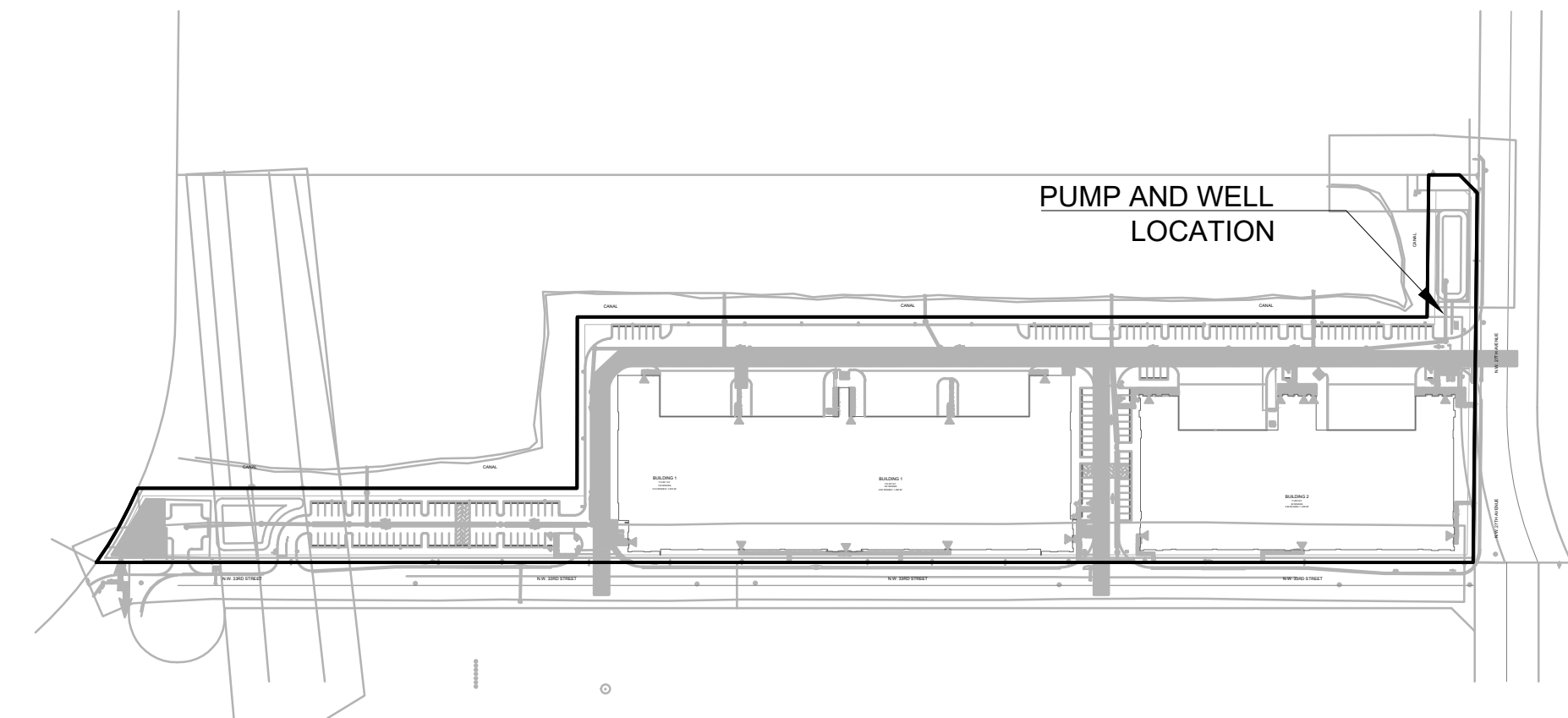
DESIGN




THE IRRIGATION CONTRACTOR IS RESPONSIBLE TO FAMILIARIZE THEMSELVES WITH THE SCOPE OF WORK, INCLUDING BUT NOT LIMITED TO GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, UTILITIES AND EXISTING IRRIGATION EQUIPMENT. THE IRRIGATION CONTRACTOR IS RESPONSIBLE SHALL REPAIR AND/OR REPLACE ANY DAMAGE CREATED BY THEIR WORK. THEY SHALL COORDINATE HIS WORK WITH OTHER CONTRACTOR OR MUNICIPAL AUTHORITIES FOR THE LOCATION AND INSTALLATION OF IRRIGATION EQUIPMENT UNDER ROADWAYS AND PAVING, SLEEVES THROUGH WALLS AND FLOORS, ETC.

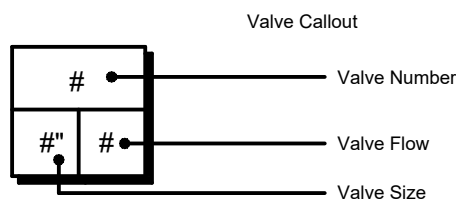
DO NOT INSTALL IRRIGATION EQUIPMENT AS SHOWN ON THE DRAWINGS WHEN FIELD CONDITIONS DIFFER. OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER OR OWNER'S REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY.

ELECTRIC

POWER TO BE PROVIDED TO THE CONTROLLER BY ELECTRICIAN.



IRRIGATION SCHEDULE		QTY
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
	Rain Bird ESP-LXD 50 Station, 2-Wire Decoder based Controller. (1) ESP-LXD 50-Station, Indoor/Outdoor, Plastic Wall-Mount Enclosure.	
	System Requirements: Rain Bird FD-XXX-TURF Field Decoders, 1 Paige Electric Cable P7072D & Rain Bird WC20 Dry Splices ONLY. Ground System w/ (X) LSP-1TURF Line Surge Protectors in Rain Bird Round Valve Boxes. Install Per Manufacturers Recommendations.	
	Rain Bird RSD-BEX Rain Sensor, with metal latching bracket, extension wire.	1
	Point of Connection 6" 10 HP Irrigation Craft Centrifugal Pump with Rust Inhibitor & 4" Well or approved equal	1
— — — — —	Irrigation Mainline: PVC Class 200 SDR 21	3,774 lf
— — — — —	Pipe Sleeve: PVC Schedule 40 2"	696.4 lf
— — — — —	Pipe Sleeve: PVC Schedule 40 4"	215.1 lf
— — — — —	Pipe Sleeve: PVC Schedule 40 6"	45.1 lf

[illegible]

Seal:


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

Drawing: Irrigation Details
Date: 11/05/2025
Scale: NTS
Drawn by: MAV
Sheet No.:
0043
26
IR-7
Cad Id.: 2025-060

subject: **FESTIVAL FLEA MARKET SOUTH**
NW 27TH AVE & NW 33RD STREET, POMPANO BEACH, FL
IRRIGATION DETAILS

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**WITKIN HULTS
+ PARTNERS**
307 south 21st avenue hollywood, florida
phone: 954.923.9681 facsimile: 954.923.9688
www.witkindesign.com

phone: 954.923.9681 facsimile: 954.923.9689
www.witkindesign.com