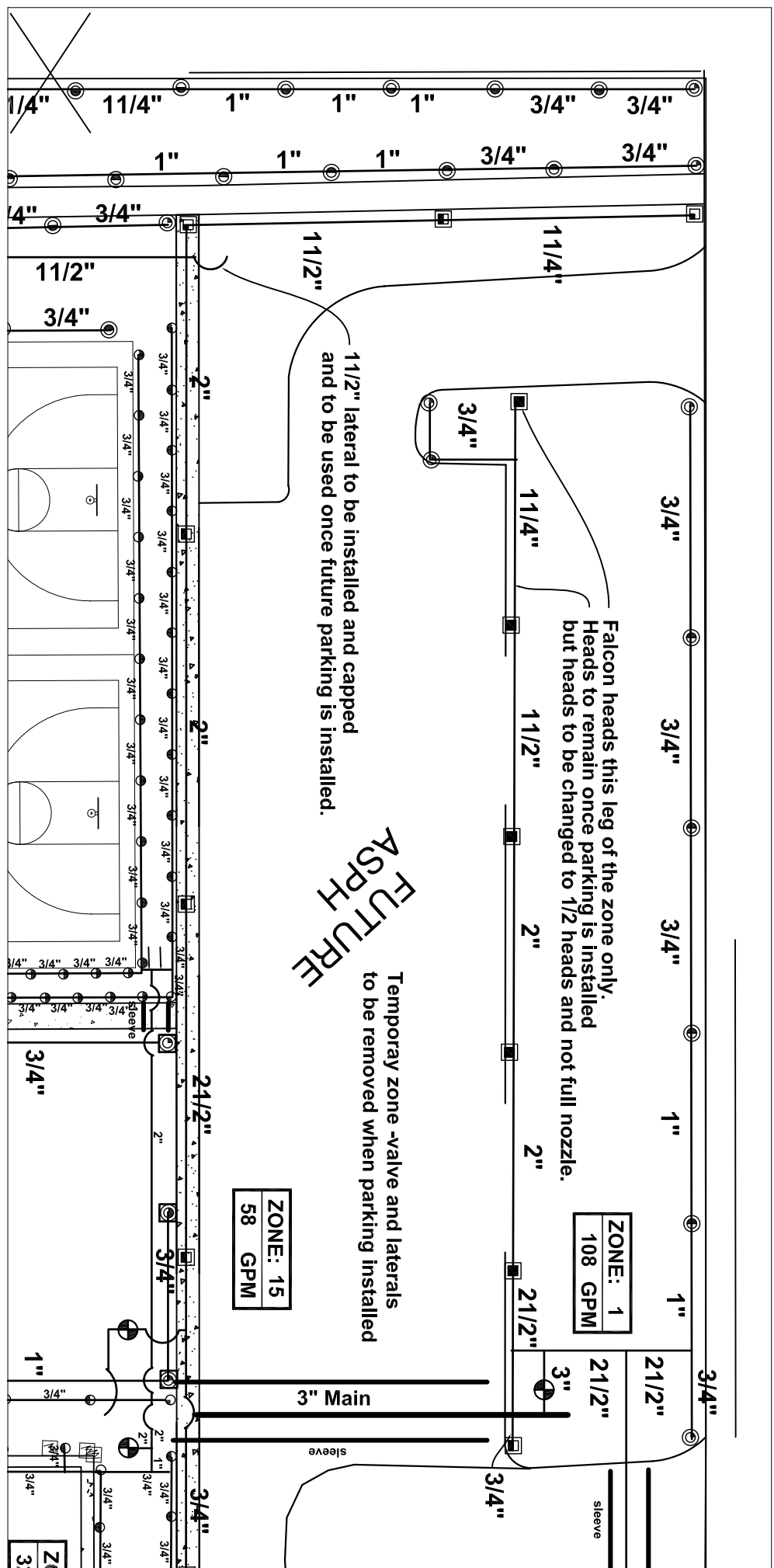
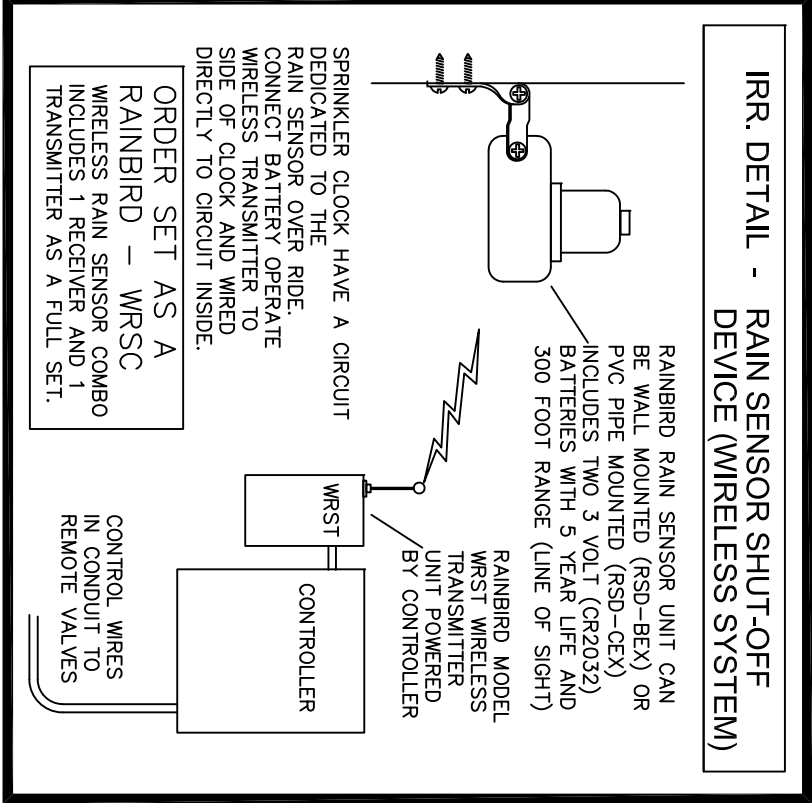
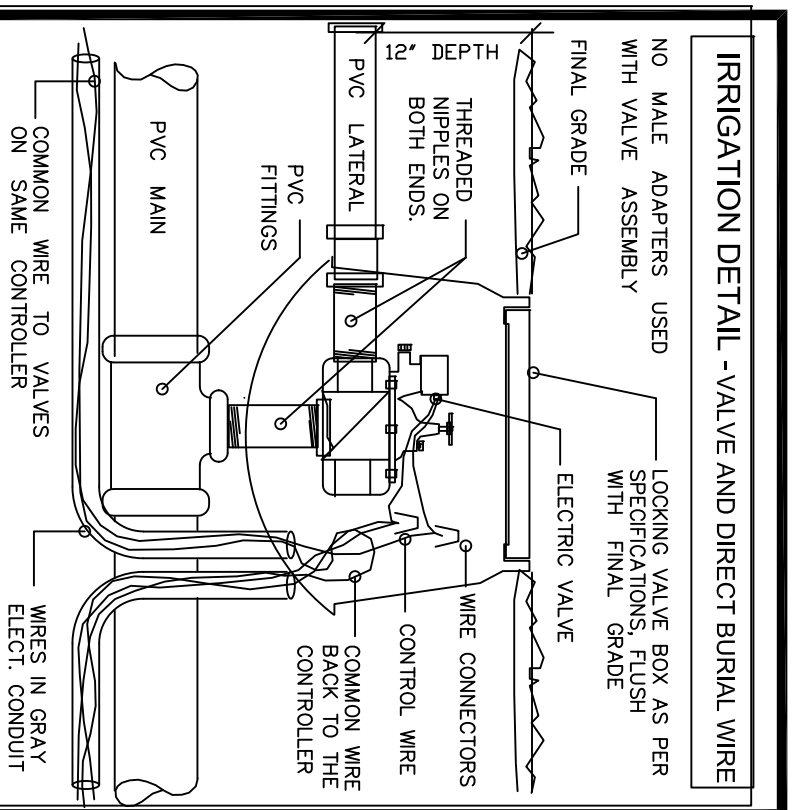
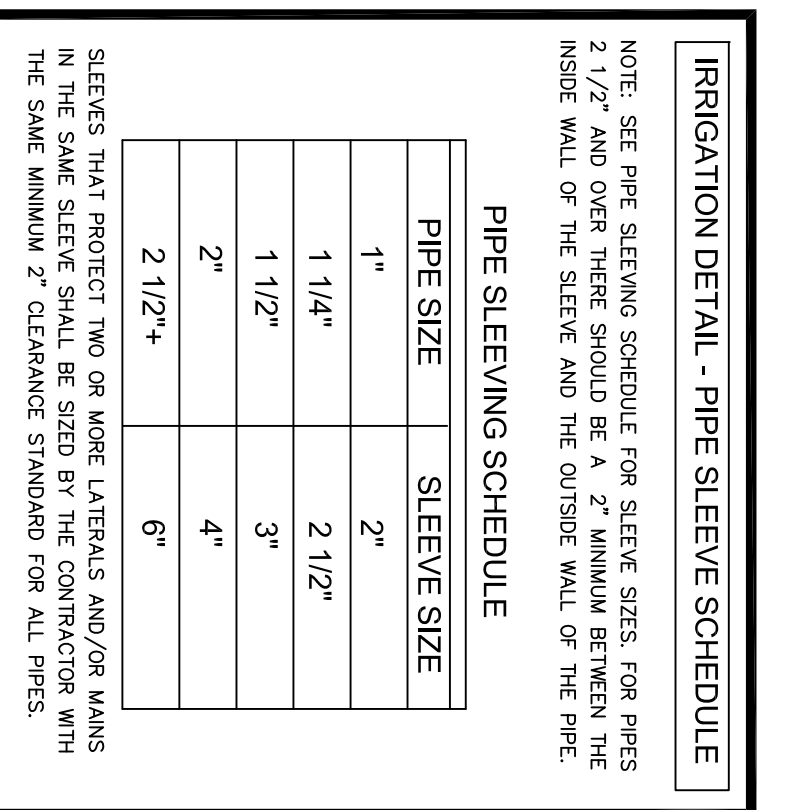
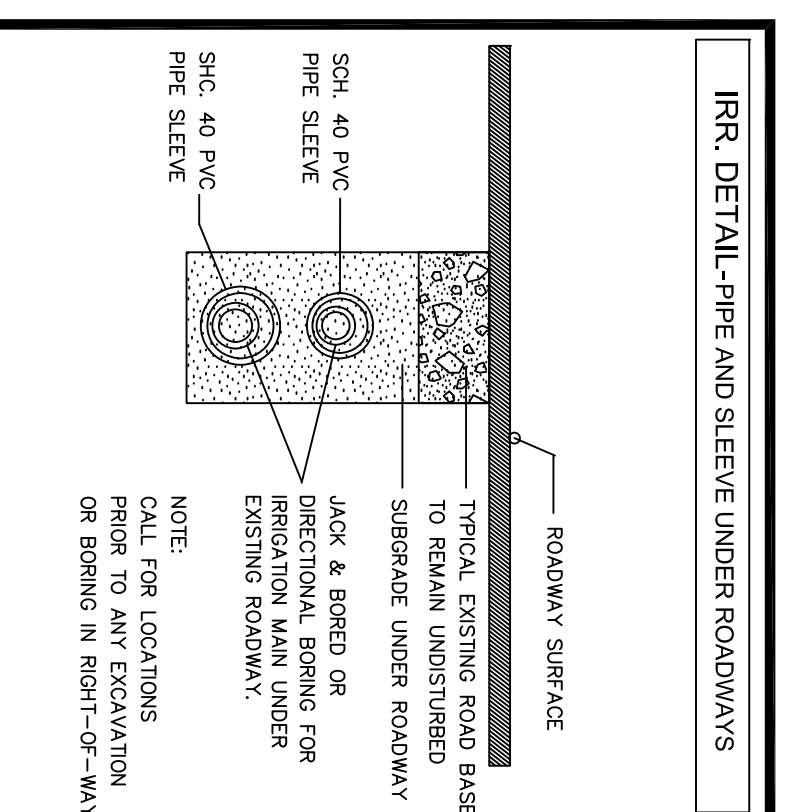
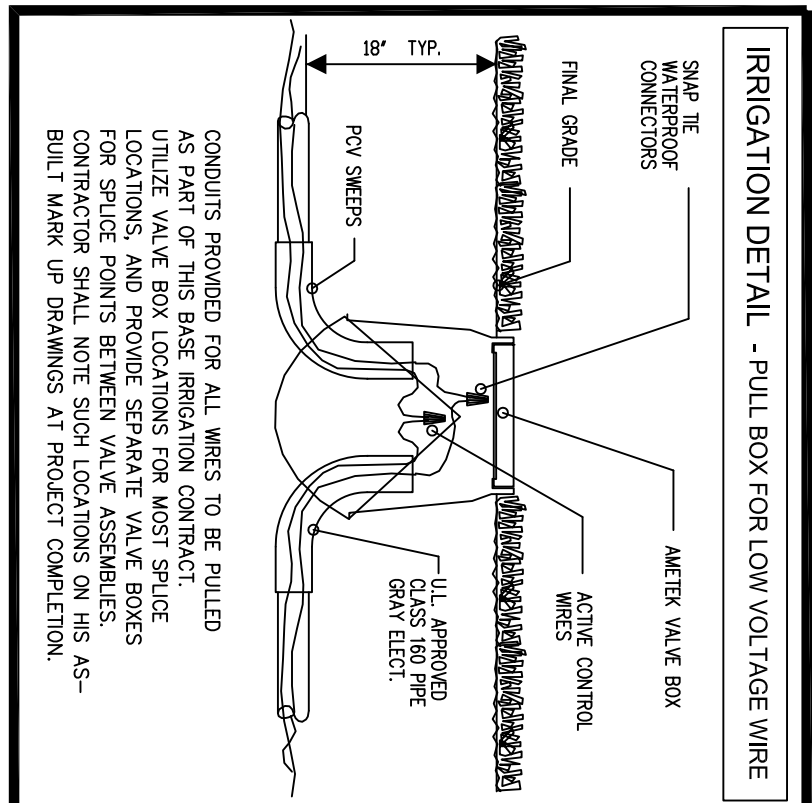
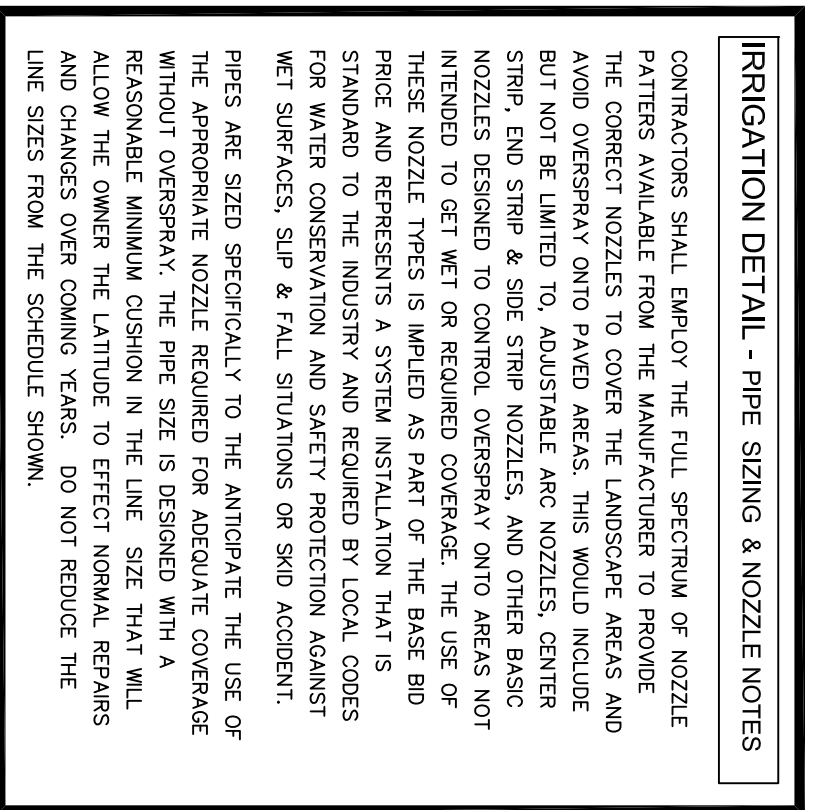
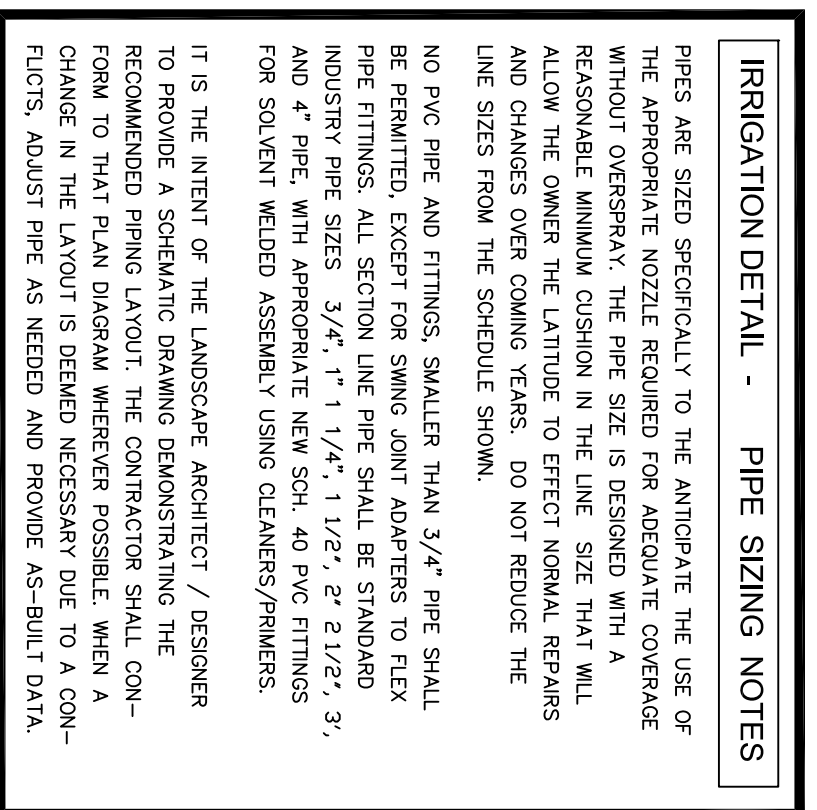
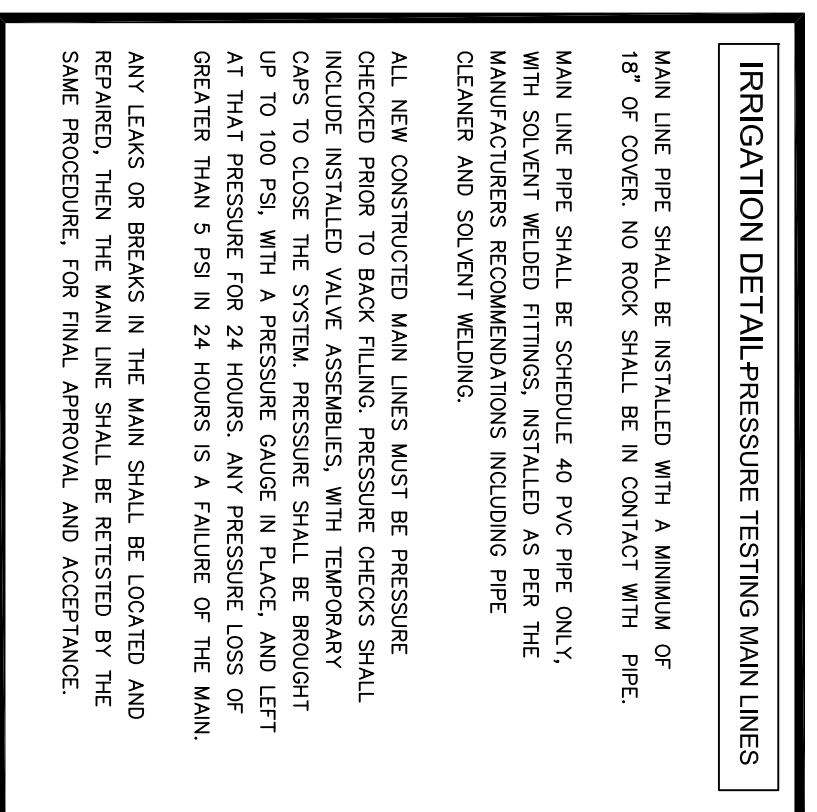
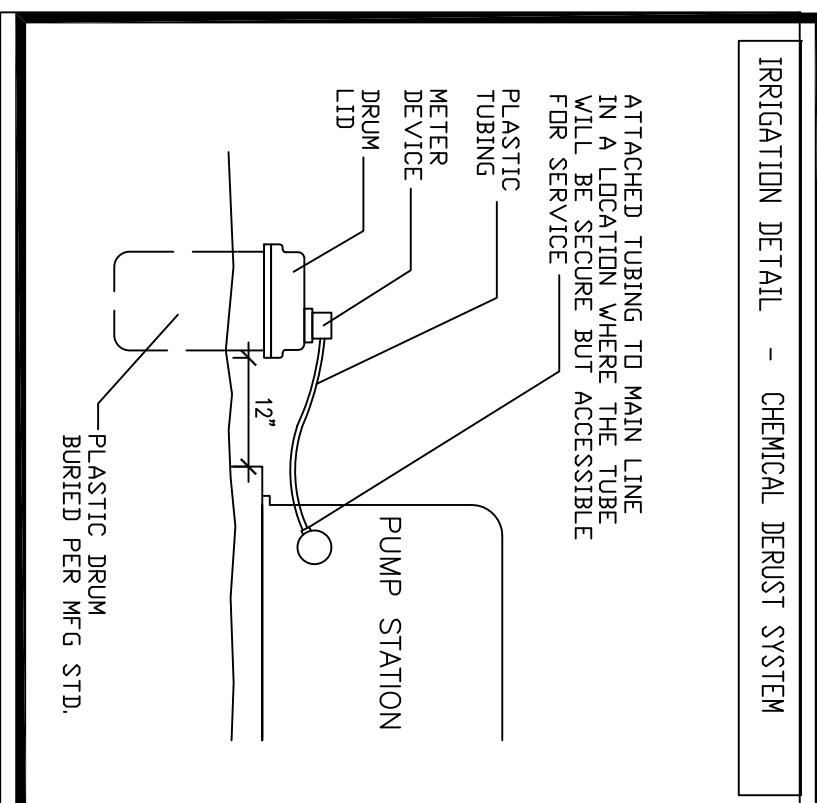
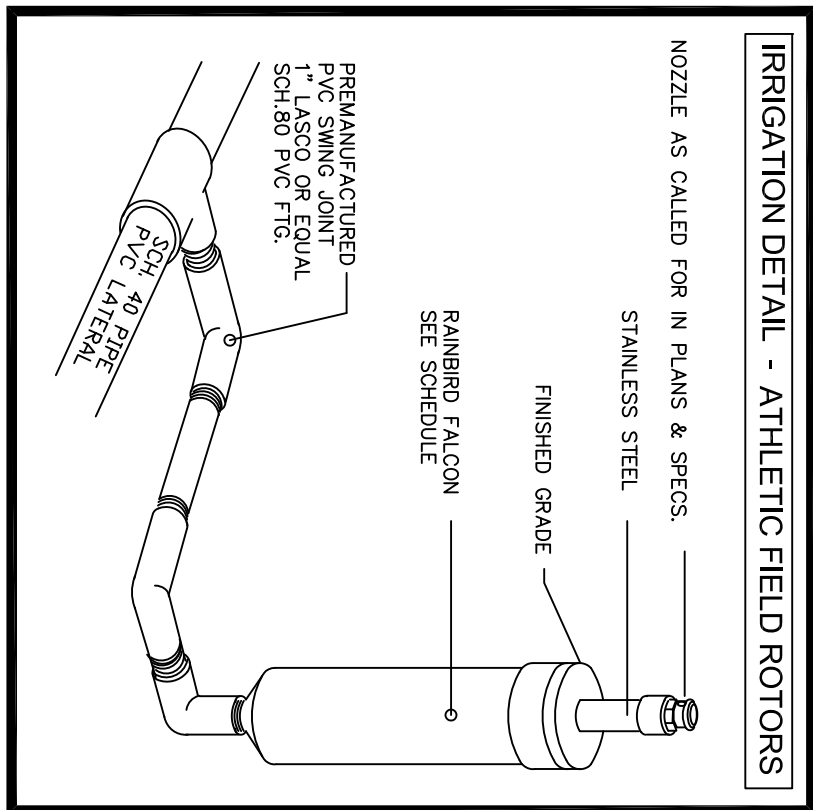
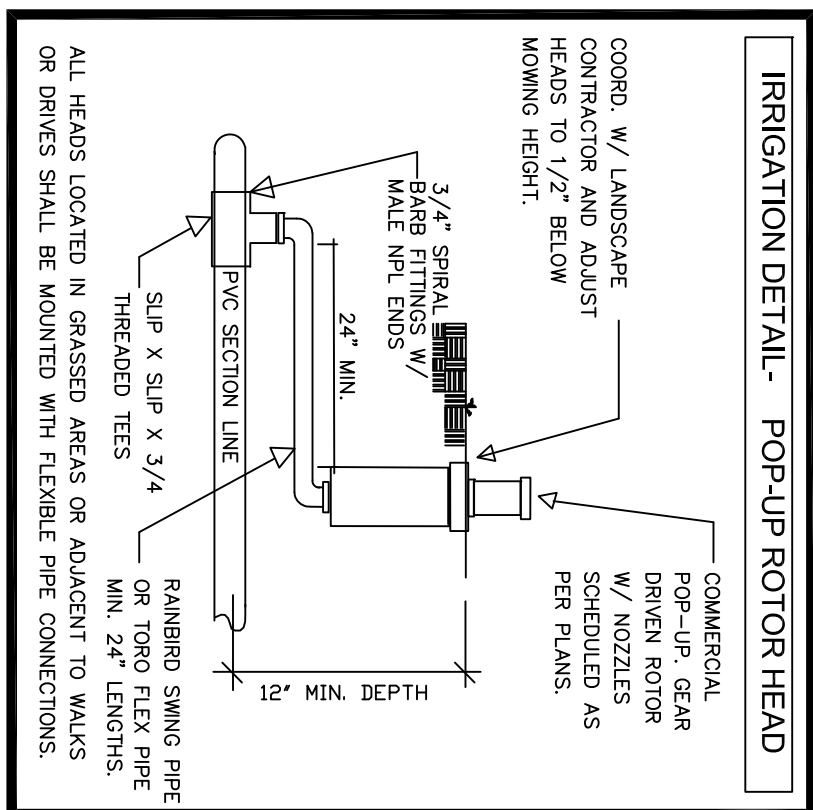
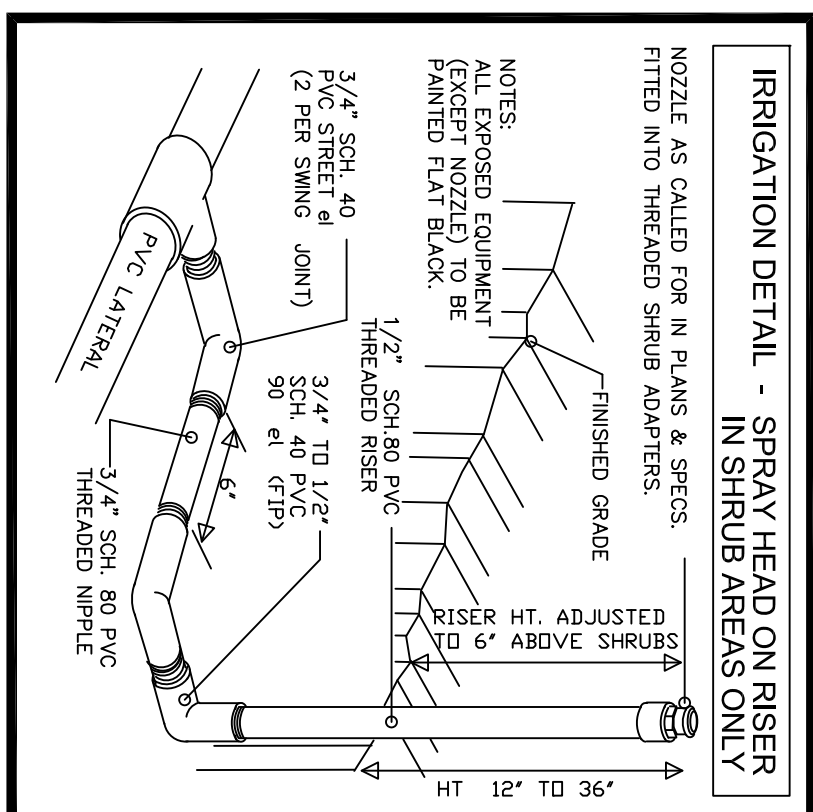
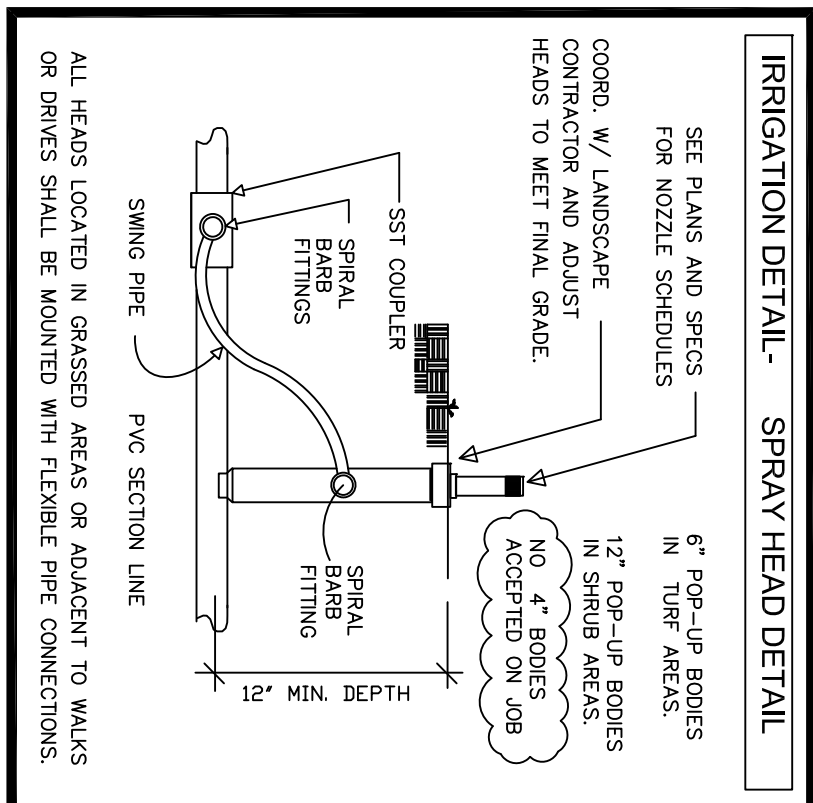




GENERAL SPRINKLER NOTES:

1. IRRIGATION CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL OTHER CONFININGS OF THE PROJECT TO RESOLVE COORDINATION AND POTENTIAL CONFLICTS WITH EXISTING UNDERGROUND PIPES AND UTILITIES OR WORK BY OTHERS. PRIOR TO ANY TRENCH BEING DUG, MOST SHOWN LINES SHALL BE LOCATED BY THE IRRIGATION CONTRACTOR. THE CONTRACTOR SHALL MARK AND LABEL BUFFER PLANTINGS. AVOID CONFLICTS WITH ROOTBALL AREA OF TREES.
2. THE IRRIGATION CONTRACTOR IS RESPONSIBLE TO CALL FOR LOCATIONS AND TO COORDINATE WITH LOCAL AGENCIES TO IDENTIFY LINES, PIPES, CABLES OR EASEMENTS WITHIN THE EFFECTED AREAS, PRIOR TO WORK.
3. THE INSTALLING CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN USE, AS PERMITS WITHIN THE MUNICIPALITY AND MAH-DADIE COUNTY AS WELL AS THE RELATED FEES WITHIN THE CONTRACT PRICE. PERMITS FOR SOUTH FLORIDA WATER MANAGEMENT DISTRICT ARE PULLED BY THE OWNER. (QUALIFIED APPLICANT 104.6.1.2) PERMITS WILL ONLY BE ISSUED TO QUALIFIED PEOPLE OR FIRMS. QUALIFICATION SHALL BE IN ACCORDANCE WITH THE FLORIDA BOARD OF PROFESSIONAL ENGINEERING, CHAPTER 489, PART 1 OF FLORIDA STATE STATUTES, OR OTHER EXAMINING BOARDS APPROVED BY THE BROWARD BOARD OF RULES AND APPEALS.
4. THE HORIZONTAL CONTROL FOR THE PROJECT WILL BE ESTABLISHED BY THE GENERAL CONTRACTOR WHO WILL LOCATE AND STAKE PROPERTY LINES, ALL RECORDED EASEMENTS, LIMIT OF WORK LINE, LIGHT POLES, PAVED AREAS, PARKING ISLANDS, DRAINAGE STRUCTURES AND RELATED FEATURES.
5. ALL MAINS AND SECTION LINES ARE SHOWN SCHEMATICALLY. LINES WHERE EVER POSSIBLE SHALL BE CONSOLIDATED INTO COMMON TRENCHES. THE LOCATION OF THE MAIN ELECTRICAL CONDUIT SHALL BE LOCATED UNDER THE MAIN FOR PROTECTION.
6. ALL MAIN LINES SHALL BE BURIED A UNIFORM 24" BELOW GRADE. ALL SECTION LINES SHALL BE INSTALLED A MINIMUM OF 12" BELOW GRADE.
7. SLEEVES UNDER ROADWAYS MAY BE DEEPER THAN 24" TO COORDINATE WITH ROADWAY CONSTRUCTION REQUIREMENTS OR TO COORDINATE WITH UTILITIES. SLEEVES UNDER PAVED PARKING AREAS WILL TYPICALLY MAINTAIN A 24" DEPTH TO ACHIEVE WITH MAIN LINE INSTALLATION DEPTHS.
8. ALL MAIN LINE PIPE SHALL BE SCHEDULE 40 PVC NEW PIPE ONLY. TYPE 1, PIPE, ASTM D-2241.
9. ALL SECTION LINE PIPE FROM 3/4" TO 2" I.D. SHALL BE SCHEDULE 40 PVC NEW PIPE ONLY. TYPE 1, PIPE, ASTM D-2241.
10. ALL PIPING IS SIZED TO MEET DESIGN CALCULATIONS FOR GPM FLOW AND FOR A PRE-DESIGNED QUESTION TO ALLOW FOR NORMAL REPAIRS AND FOR MODIFICATIONS TO THE SYSTEM WHICH OCCUR OVER TIME IN NORMAL OPERATION OF SYSTEM. LINE SHALL BE INSTALLED TO THE SIZE AS SHOWN IN PLANS. DOWN SIZED LINES IS NOT PERMITTED WITHOUT A CHANGE ORDER AND A REVISION OF THE DRAWING. THE CONTRACTOR MAY SUGGEST REVISION OR VALUE ENGINEERING WITH THE OWNER/LANDSCAPE ARCHITECT FOR REVIEW AND WRITTEN APPROVALS PRIOR TO IMPLEMENTATION.
11. ALL PVC SOLVENT WELDED ASSEMBLY SHALL BE CLEANED AND PRIMED PRIOR TO THE SOLVENT WELD. ALL PVC CEMENT SHALL CONFORM TO ASTM D-2554. ALL PVC PIPE CLEANER SHALL CONFORM TO ASTM F-656.
12. ALL WORK SHALL BE DONE IN A GOOD WORKMAN-LIKE MANNER AND IN ACCORDANCE WITH THE INDUSTRY RECOMMENDATIONS AND IN COMPLIANCE WITH THE BROWARD IRRIGATION SOCIETY, BROWARD CHAPTER AND FLORIDA BUILDING CODE APPENDIX F.
13. ALL CONTROL WIRES SHALL BE U.L. APPROVED DIRECT BURIAL TYPE PLASTIC COATED WIRE, AWG SIZE MINIMUM 14 GAUGE, SOLID OR 12 STRAND WIRE, PROTECT COVERS SHALL BE MADE OF 3/4" RAINBOW STOPS SHAB WHITE TAGS IDENTIFYING EACH AND ALL WIRES.
14. ALL CONTROL WIRES SHALL BE INSTALLED IN U.L. APPROVED SIZE OF VALVE BOX ASSEMBLY.
15. THE IRRIGATION CONTRACTOR SHALL BRING THE CONTROL WIRES TO THE SINK, SINK, CONTROL VALVE AND CONNECT ALL WIRING TO THE SINKS. THE SINKS SHALL BE INSTALLED IN THE SAME LOCATION AS PROVIDED BY THE PUMP MANUFACTURER AND THE OWNER. LABEL ALL CONTROL WIRES AT THE PANEL TO CONFORM TO THOSE IN THE FIELD.
16. ALL VALVE BOXES AND PULL BOXES FOR CONTROL WIRES SHALL BE AN AMETEX BOX, MINIMUM 10" DIAMETER ROUND BOX. ONE PER EACH VALVE.
17. EACH LENGTH OF MAIN LINE BETWEEN THE PUMP STATION AND EACH ISOLATION VALVE SHALL BE PRESSURE CHECKED AND INSPECTED BY THE DESIGN PROFESSIONAL. PRESSURE MUST MAINTAIN A MINIMUM OF 5 PSI LOSS IN 24 HOURS FROM A 100 PSI PRIMING FOR ANY GIVEN TEST LENGTH.
18. THE SINKLER CONTRACTOR SHALL COORDINATE WITH THE WATER DEPARTMENT TO INSTALL THE BACK FLOW PREVENTER ACCORDING TO LOCAL CODES & STANDARDS ADJUSTING TO SCHEDULES OF EQUIPMENT, PIPING, MATERIALS FOR SIGN OFF AND APPROVALS. CODE REQUIREMENTS TAKE PRECEDENT OVER DETAILS & SPECIFICATIONS.
19. THE FULL SPECTRUM OF NOZZLES, NOZZLE ANGLES, FULL CIRCLE, PART CIRCLE & ADJUSTABLE PATTERN HEADS IS TO BE EMPLOYED IN THIS CONSTRUCTION. THE CONTRACTOR SHALL ADJUST THE SYSTEM FOR COMPLETE COVERAGE WITH THE MANUFACTURERS RECOMMENDED 100% OVERLAP, AND UTILIZE THE ADJUSTABLE PATTERN HEADS TO AVOID OVERSPRAY TO PAVED SURFACES. THE CONTRACTOR IS ALSO TO INCLUDE SINKS AND AVOID NOZZLES ON THE INSTALLATION OF ANY ADDITIONAL HEADS REQUIRED TO BE ADDED TO INSURE COVERAGE FOR THE PROJECT.
20. ALL HEADS SHALL BE SET USING THE MANUFACTURERS RECOMMENDED SWINGING JOINT ASSEMBLIES INCLUDING SPIRAL BARB FITTINGS AND THICK WALL PIPE OR SUBMIT SHOP DRAWINGS FOR APPROVAL.
21. ALL MATERIALS ARE GUARANTEED FREE FROM DEFECTS AND ALL WORKMANSHIP AND INSTALLATION ARE GUARANTEED FOR THE COST OF COMPLETION AND REPLACEMENT FOR A PERIOD OF ONE YEAR FROM THE TIME OF COMPLETION AND FINAL ACCEPTANCE OF EACH SEPARATE, COMPLETED, AND FULLY OPERATIONAL SYSTEM.

IRRIGATION PUMP DETAILS

	SEAL: Date: Drawn/Revised by: Scale:	LANDSCAPE STUDIO DESIGN, INC. 4314 W. Broward Boulevard Plantation, Florida 33317 954.584.3323 e-fax 954.337.3346 Kim Vinor Zimmerman Kim@landscapestudiodesign.com RL# 000033			
PROJECT: BRENTWOOD PARK		NO. DATE: REVISIONS/DESCRIPTION:		NO. DATE: REVISIONS/DESCRIPTION:	
ADDRESS: MIAMI GARDENS		1.		7.	
		2.		8.	
		3.		9.	
		4.		10.	
		5.		11.	
		6.		12.	
Design/Drawn By: RYZ					
Submittal: DD - CD - CA					
Date: 2/24/11					
Scale: 1" = 30'					
Date:					
PROJECT NO. 211-01					
SHEET: R-1 of 3					