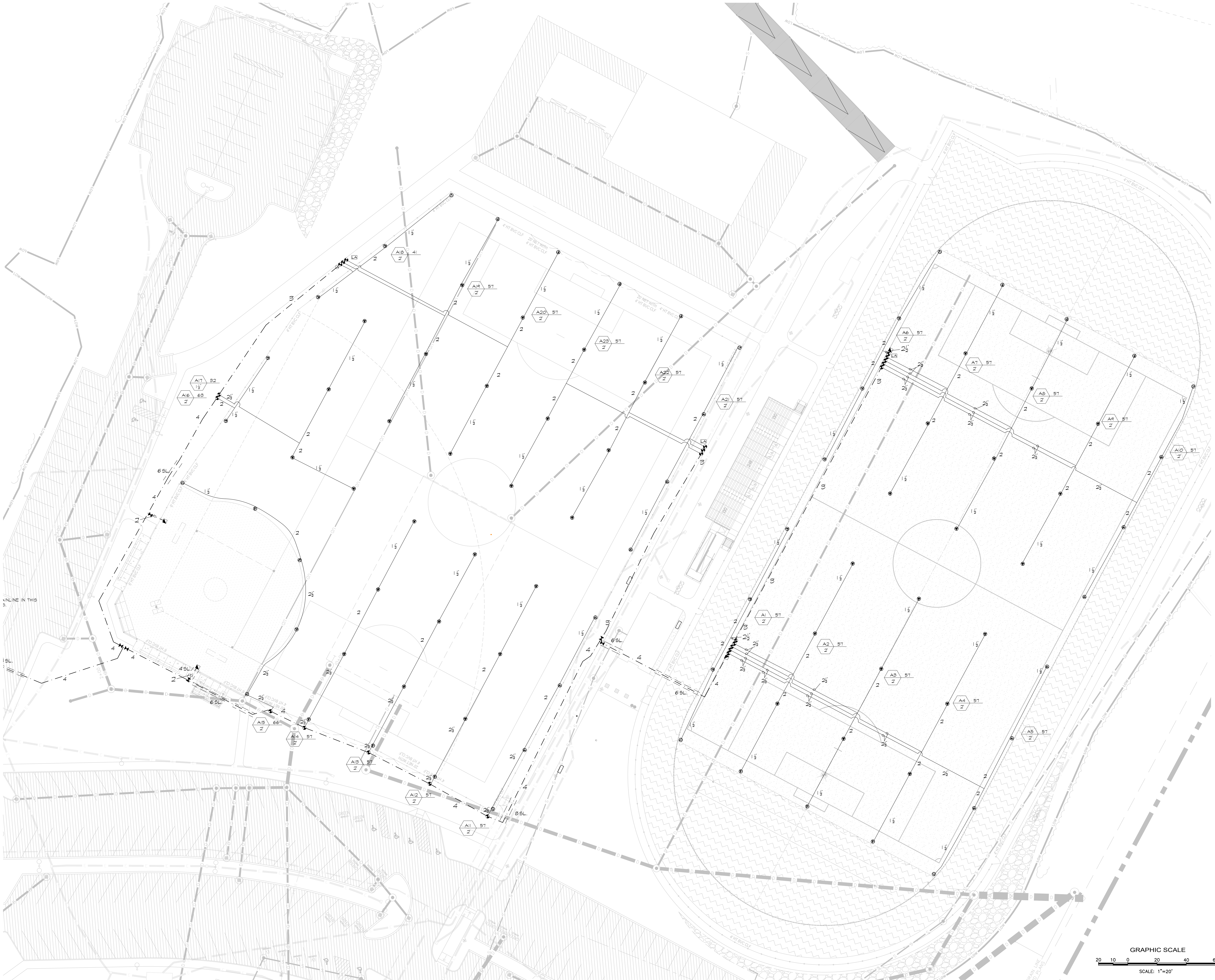


IRRIGATION NOTES	
0. SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 528400 FOR ADDITIONAL REQUIRED INFORMATION.	
1. PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY.	
2. TWO-WIRE COMMUNICATION CABLE FROM CONTROLLER TO VALVES SHALL BE POLYETHYLENE DOUBLE JACKETED TWO CONDUCTOR SOLID CORE, DESIGNED FOR DIRECT BURIAL. SUFFICIENT SLACK SHOULD BE LEFT IN COMMUNICATION CABLE AT DECODER LOCATIONS TO BRING DECODERS, SPICES, AND SOLENOIDS ABOVE GRADE.	
3. QUICK COUPLING VALVES SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)	
4. SMALL AND MEDIUM ROTARY SPRINKLERS SHALL BE INSTALLED ON 3/4-INCH PREFABRICATED UNITIZED SWIVEL JOINTS. LARGE ROTARY SPRINKLERS SHALL BE INSTALLED ON 1-INCH PVC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS.	
5. IRRIGATION SYSTEM IS DESIGNED TO PROVIDE 150 GPM MAX FROM NEW 4-INCH SERVICE. SYSTEM TO PRODUCE 88-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTOR'S POINT OF CONNECTION IN LANDSCAPED AREA.	
6. CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK. REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REP. BEFORE CONTINUING.	
7. INSTALL CONTROLLER IN ENCLOSURE, GENERALLY WHERE SHOWN ON THE DRAWINGS. HARD WIRE TO 120 VOLT POWER SUPPLY. ROUTE COMMUNICATION CABLE TO CONTROLLER VIA CONDUIT THROUGH ENCLOSURE BASE.	
8. INSTALL RAIN SENSOR WITH GUARD ON OUTSIDE OF CONTROLLER ENCLOSURE. ROUTE RAIN SENSOR WIRING TO CONTROLLER THROUGH ENCLOSURE WALL.	
9. COORDINATE LOCATION OF EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.	
10. FLUSH LATERAL LINES BEFORE INSTALLING SPRINKLERS.	
11. CONTRACTOR MUST PROVIDE PRODUCT SUBMITTALS AS PER THE WRITTEN SPECIFICATIONS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.	
12. ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE OWNER'S REPRESENTATIVE MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.	

IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
	60	55'	LARGE ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	60	45'	
	50	25'	SMALL ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	50	15'	
	24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATION FOR FLOW AND SIZES)		
	ISOLATION GATE VALVE		
	1" QUICK COUPLING VALVE		
	CLASS-200 PVC LATERAL PIPING		
	CLASS-200 PVC MAINLINE PIPING		
	CLASS-200 PVC PIPE SLEEVE (SIZE AS INDICATED)		
	INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES. MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.		
	AUTOMATIC RAIN SENSOR		
	AUTOMATIC CONTROLLER		
	AIR RELEASE VALVE		
	WATER SUPPLY ENCLOSURE		
	MASTER VALVE AND FLOW SENSOR		
	LIGHTNING ARRESTER		
VALVE DESIGNATION:			
	STATION NO.		
	FLOW		
	VALVE SIZE		





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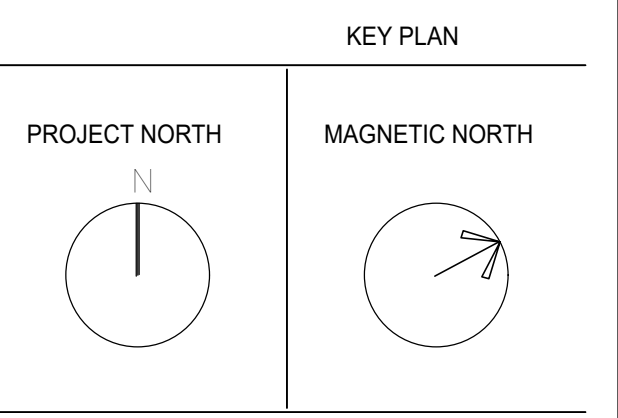
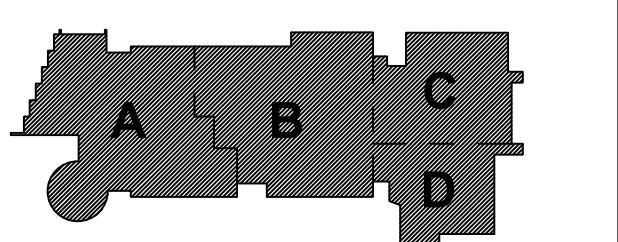
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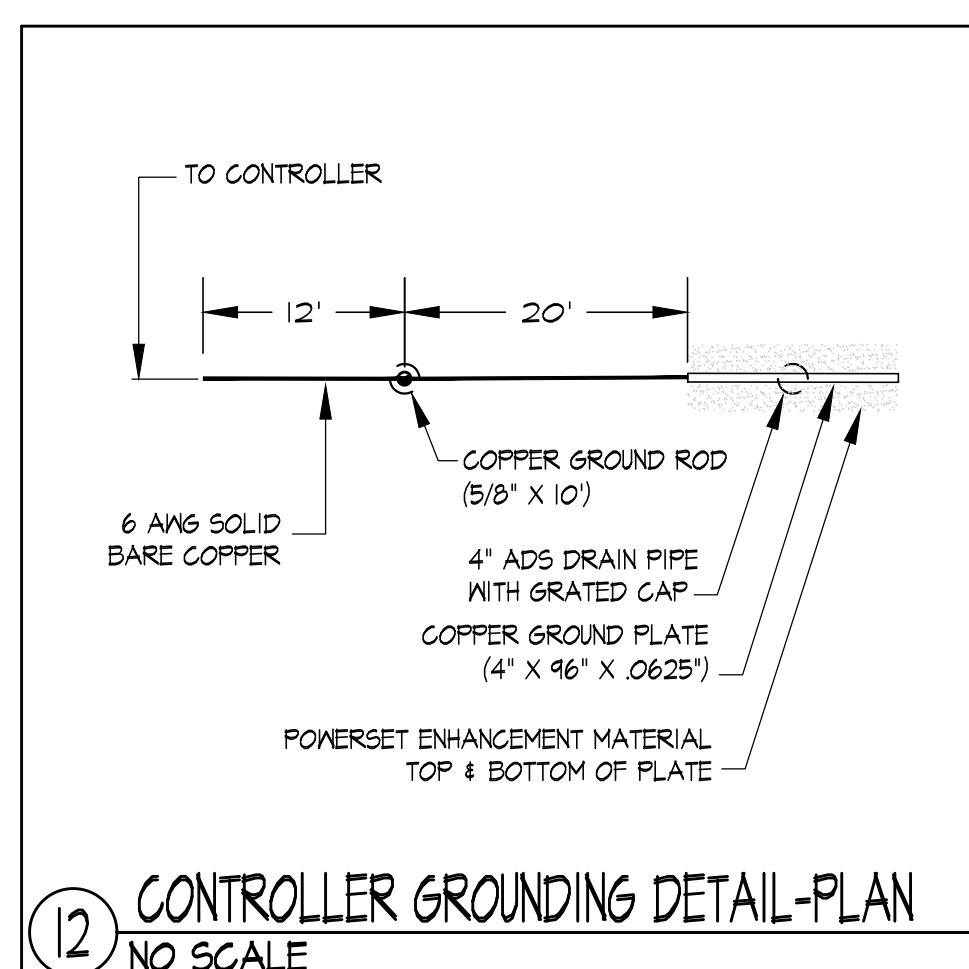
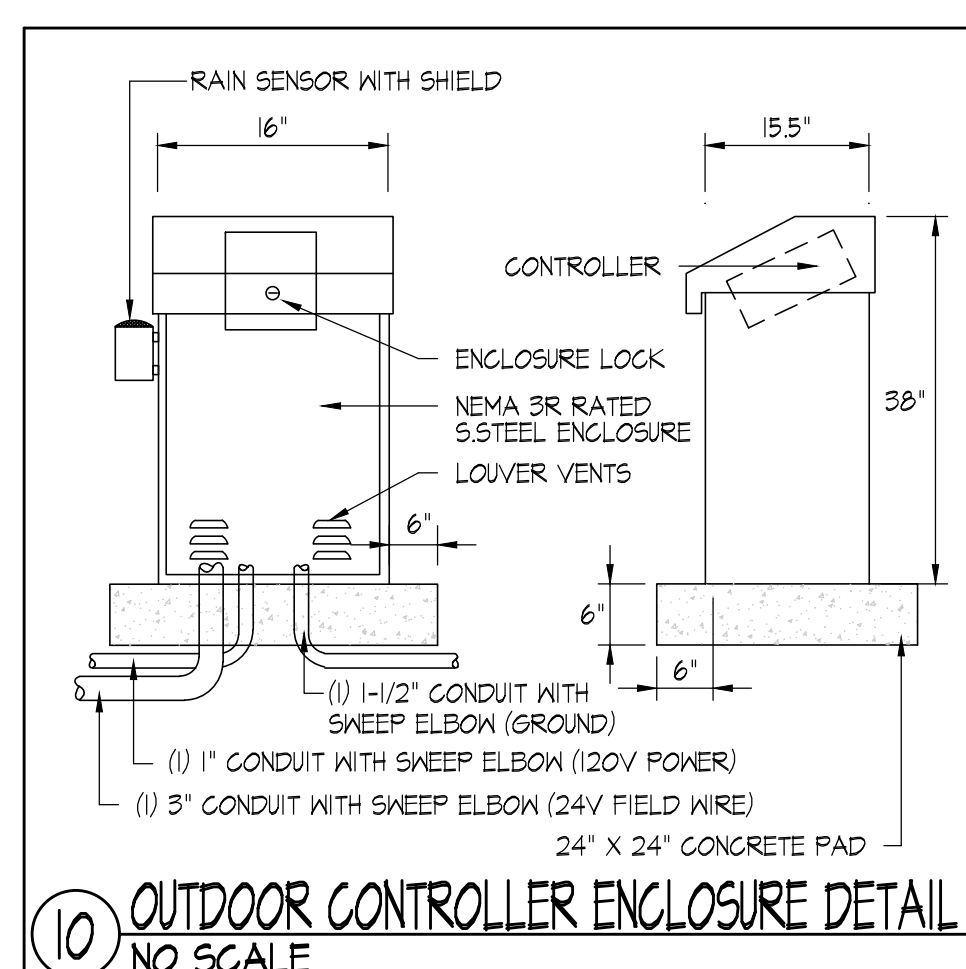
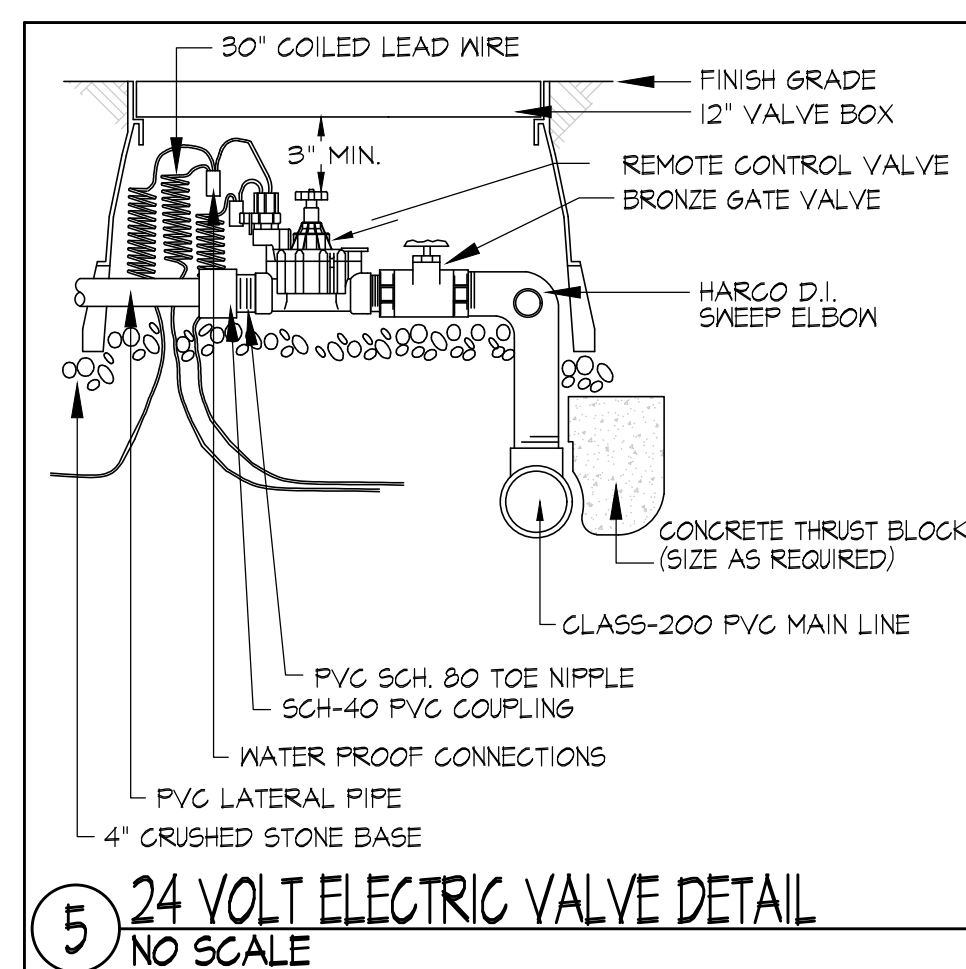


IRRIGATION
PLAN

Scale: 1" = 20.0'
Job No.: 20202.00
Drawn By: SOG/JLW
Date: May 12, 2023

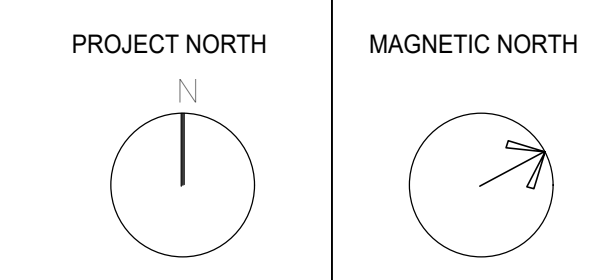
I102

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IRRIGATION DETAILS

Scale: NO SCALE
Job No.: 20202.00
Drawn By: SOG/JL
Date: May 12, 2023

I201