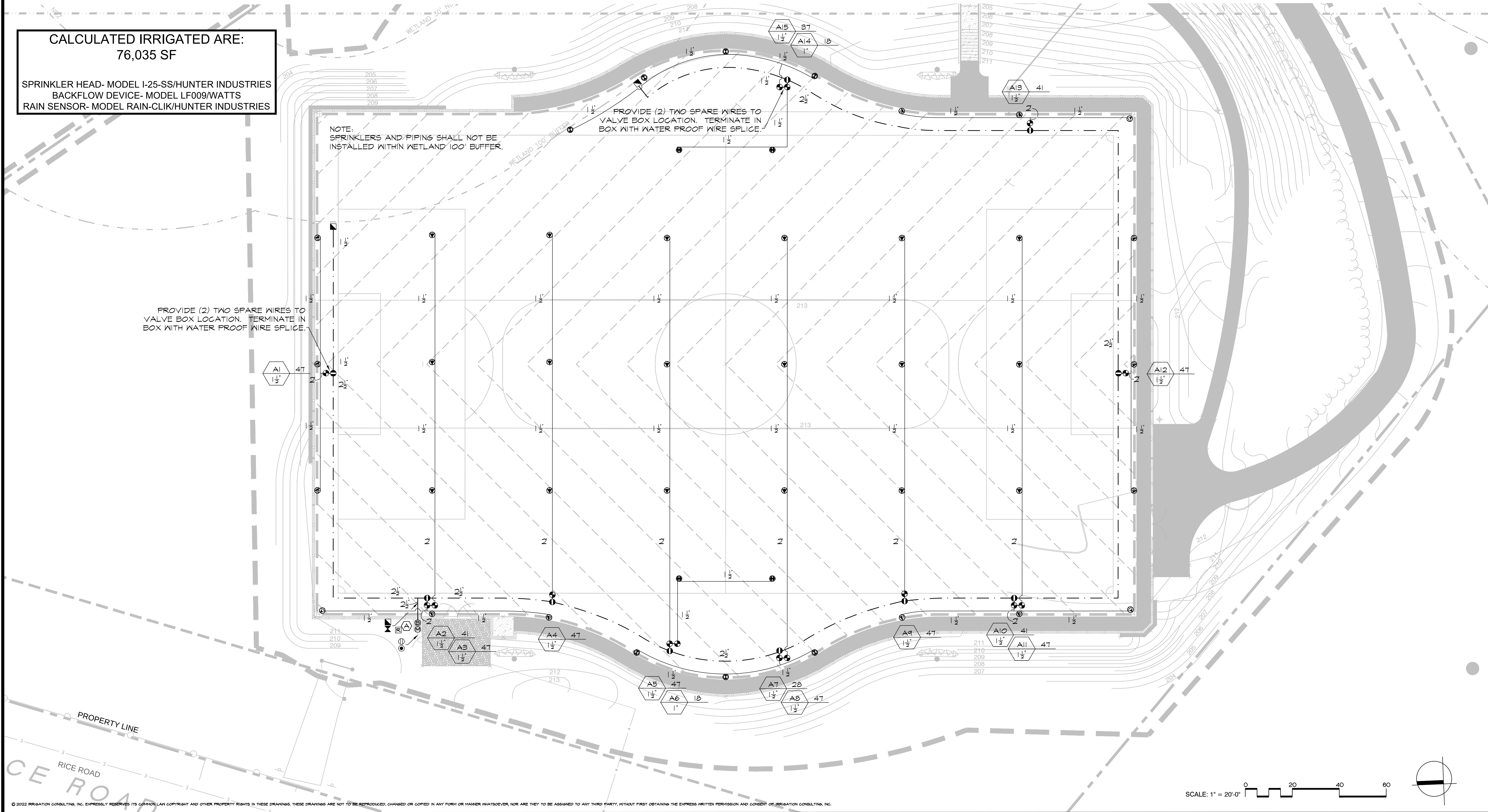


- IRRIGATION NOTES
1. COORDINATE FINAL LOCATION OF SPRINKLERS AND NOZZLE SELECTION WITH FINAL APPROVED FIELD LAYOUT.
 2. ALL PIPE AND VALVE LOCATIONS ARE DIAGRAMMATIC, CONTRACTOR SHALL FIELD VERIFY.
 3. ALL VALVES AND VALVE BOXES SHALL BE PLACED, WHERE POSSIBLE, AWAY FROM PLAYING SURFACES.
 4. ALL CONTROL WIRE SHALL BE #14 GAUGE SINGLE STRAND, RED FOR TURF ZONES, ALL COMMON WIRE SHALL BE #12 GAUGE SINGLE STRAND WHITE AND ALL SPARE WIRES, INSTALLED WHERE SHOWN, SHALL BE #14 GAUGE SINGLE STRAND BLUE.
 5. QUICK COUPLING VALVES SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
 6. ALL ROTARY SPRINKLERS SHALL BE INSTALLED ON 1-INCH PVC PREFABRICATED UNITIZED SWING JOINT ASSEMBLIES WITH INTEGRAL O-RINGS.
 7. IRRIGATION SYSTEM IS DESIGNED FOR SEPARATE WATER SUPPLY TO PROVIDE 47 GPM MAX FROM EXISTING 4-INCH SERVICE. SYSTEM TO PRODUCE 75-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTOR'S POINT OF CONNECTION IN LANDSCAPED AREA.
 8. CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK, REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REPRESENTATIVE BEFORE CONTINUING.

- IRRIGATION NOTES
9. INSTALL CONTROLLER IN ENCLOSURE, GENERALLY WHERE SHOWN ON THE DRAWINGS, HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, POWER SUPPLY USING LICENSED ELECTRICIAN, ROUTE ALL ZONE AND SPARE WIRES TO CONTROLLER VIA CONDUIT THROUGH ENCLOSURE BASE.
 10. INSTALL RAIN SENSOR ON OUTSIDE OF CONTROLLER ENCLOSURE. ROUTE RAIN SENSOR WIRING TO CONTROLLER THROUGH ENCLOSURE WALL.
 11. COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
 12. FLUSH ALL LATERAL LINES BEFORE INSTALLING SPRINKLERS.
 13. CONTRACTOR MUST SUBMIT SHOP PRODUCT DRAWINGS AS PER THE WRITTEN SPECIFICATIONS TO THE IRRIGATION CONSULTANT FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.
 14. ANY AND ALL MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE IRRIGATION CONSULTANT FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
 15. ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE IRRIGATION CONSULTANT MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.
 16. SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION FOR ADDITIONAL NECESSARY INFORMATION.

IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
Q H P	60	55'	LARGE ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	60	45'	
	24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)		
	ISOLATION GATE VALVE (MAINLINE SIZE)		
	1" QUICK COUPLING VALVE		
	CLASS-200 PVC LATERAL PIPING (SIZE AS INDICATED)		
	CLASS-200 PVC MAINLINE PIPING (SIZE AS INDICATED)		
	AUTOMATIC CONTROLLER IN PEDESTAL		
	AUTOMATIC RAIN SENSOR		

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	IRRIGATION WATER METER
	BACK FLOW PREVENTION DEVICE
	BRONZE GATE VALVE FOR CONTROL VALVES (CONTROL VALVE SIZE)
	2" DRAIN VALVE
	2" CURB STOP
VALVE DESIGNATION:	
	STATION NO.
	20 FLOW
	VALVE SIZE



Project:

IMPROVEMENTS TO
LOKER CONSERVATION
AND RECREATION AREA

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