

Yuba Community College District  
3301 E. Onstott Road  
Yuba Ca 95991

Subject: Woodland Community College Synthetic Soccer Field Construction  
Turf Field RFP  
Yuba Community College District

Date: May 7, 2025

#### ADDENDUM NO. 4

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CHANGES AND/OR CLARIFICATION'S OF THE DRAWINGS AND SPECIFICATIONS AS  
FOLLOWS:

#### **BIDDERS QUESTIONS:**

Questions #1 *Spec Section 02 41 13 Site Clearing and Demolition, Part 3.04 Clearing and Grubbing, Paragraph C states, "Clear and strip vegetative material from soil surface and remove unless noted otherwise. Existing turf areas to be removed need not be stripped, but may be pulverized into the underlying soils a minimum of 18" during the chemical treatment process." Spec Section 31 20 00 Earth Moving, Part 3.03 Rough Grading, Paragraph 1.a states, "On-site materials containing roots are other organic matter should be stripped from area under new pavement and synthetic turf field." These specs seem to contradict each other. Will we be required to strip existing soil after removal of vegetation, or will we be allowed to pulverize into the proposed treated section? If stripping is required, to what depth?*

Answer #1 The soil should be free of roots, vegetation, and other organic material before treatment. Therefore, after removal of vegetation, the soil should be stripped to a depth to remove the organic material. I recommend stripping to a minimum depth of 8 inches.

Questions #2 *Plan Sheet L3.0 states, "Contractor shall spread excavated soil that is not needed for new Project within adjacent undeveloped area." Based on our takeoff, the site requires fill. Will be allowed to use the project adjacent area as a borrow site for fill needs?*

Answer #2 Yes, adjacent material can be used as fill. Please note that all planting areas will need new topsoil to be brought in as the soil on site is not suitable for planting.

Questions #3 *Plan Sheet L3.0 states, "Contractor shall spread excavated soil that is not needed for new Project within adjacent undeveloped area." Will this include any lime treated spoils from excavation for drainage and other utility work, or will that need to be disposed of off-site?*

- Answer #3      No, lime treatment spoils will need to be off-hauled.
- Questions #4      *Also, the Geotech report provided recommendations for lime treat, but nothing was added to the specifications. Are we to go with the Geotech recommendations of 8" lime treat with 3% lime assuming 120 lbs/cf?*
- Answer #4      Yes, lime treatment shall be per Geotech recommendations.
- Questions #5      *Flat panel drains per E/LD1.0 are not shown on L5.0. We will have to exclude.*
- Answer #5      Flat panels are no longer needed as part of this project. They can be removed from scope.
- Questions #6      *The drainage at the east of the site, with the rock drain, trench drain, and bio-retention area, does not tie into the storm drain main at any location. Confirming that was the design intent.*
- Answer #6      Yes, water collection in this area will be minimal and the bioretention area, with rock, soil, and perf trench storage, should be sufficient to collect and store water until it percolates back into the soil.
- Questions #7      *Refer to legend on sheet L11.1, the controller has 12 stations, however there are total 19 EA remote control valves. Please confirm if the modular is required to have enough capacity.*
- Answer #7      Please see attached updated drawing with updated controller information.

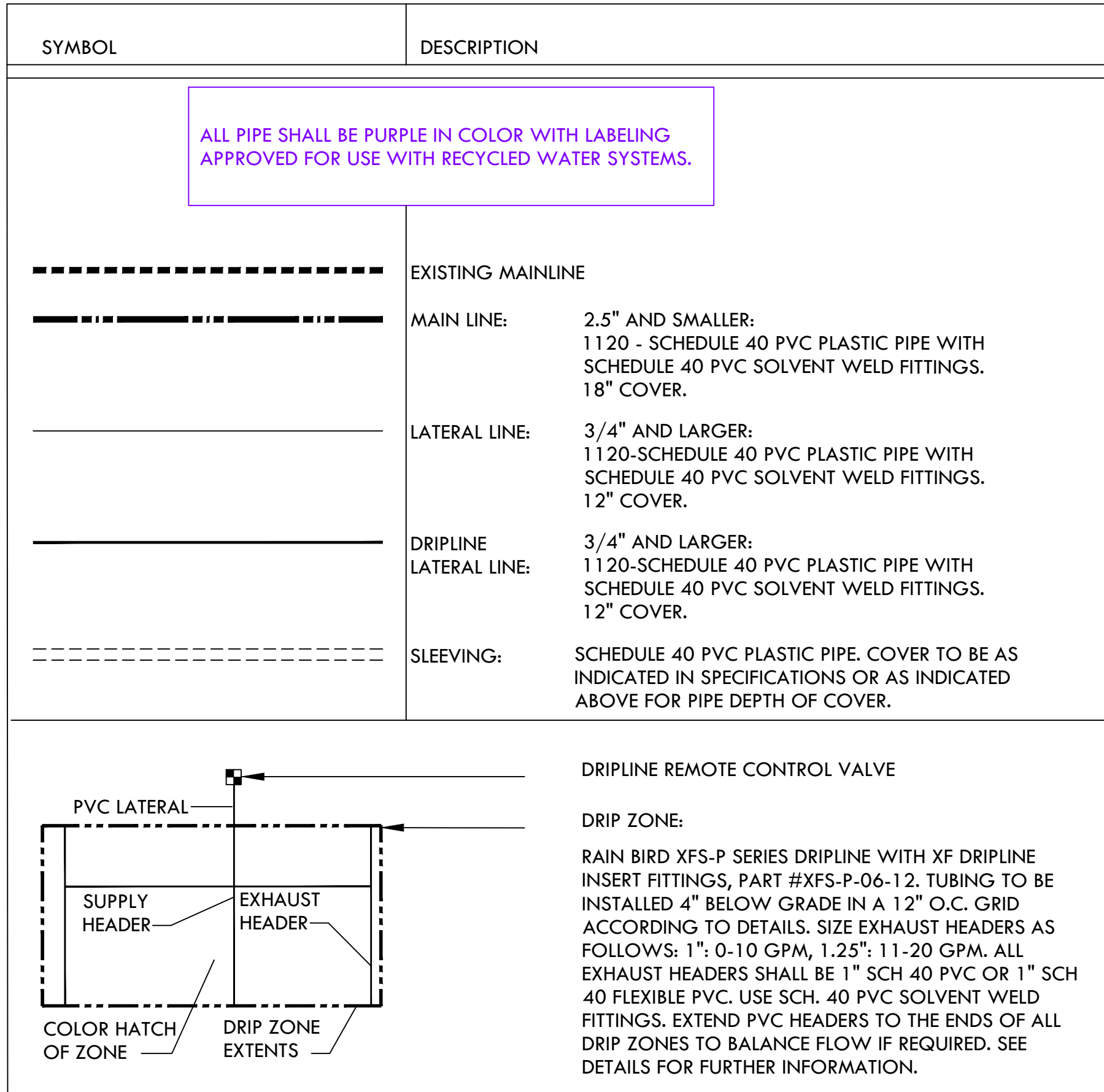
END OF ADDENDUM NO. 4



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IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAYING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.
7. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.
8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.
9. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR.
10. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.
11. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE INSULATING JACKET. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. SPICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.
12. INSTALL TWO SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
13. SPlicing OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPlice AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.
14. INSTALL GREEN PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
15. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.
16. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).
17. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
18. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
19. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
20. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.
21. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
22. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
23. IRRIGATION DEMAND: REFER TO PLANS.
24. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
26. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
27. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
28. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
29. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
30. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
31. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
32. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.
33. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.



IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	5006+-PC-SAM-R/ 5000-MPR-30	RAIN BIRD POP-UP GEAR DRIVEN ROTOR (TURF)	2.96	45	25-30
	5006+-PC-SAM-R/ 5000-MPR-30	RAIN BIRD POP-UP GEAR DRIVEN ROTOR (TURF)	1.40	45	25-30
	1812-SAM-PRS/ HE-VAN-15	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	3,7,1,8,0,9	30	12-15
	1812-SAM-PRS/ HE-VAN-12	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	2,4,1,2,0,6	30	10-12
	1812-SAM-PRS/ HE-VAN-10	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	1,8,0,9,0,45	30	8-10
	1812-SAM-PRS/ HE-VAN-8	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	1,2,0,6,0,3	30	6-8
	1812-SAM-PRS-5 H,Q	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	0,2,0,1	30	4-5
	1812-SAM-PRS-15 EST	RAIN BIRD POP-UP SIDE STRIP SPRAY SPRINKLER (SHRUB/GC)	0.5	30	4 X 15
	1812-SAM-PRS-15 SST	RAIN BIRD POP-UP SIDE STRIP SPRAY SPRINKLER (SHRUB/GC)	1.2	30	4 X 30
	1401 SERIES	RAIN BIRD BUBBLER (SHRUB)	0.25	30	TRICKLE
	1401 SERIES	RAIN BIRD BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
	1401 SERIES	RAIN BIRD BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
	ARV050	RAIN BIRD AIR RELIEF VALVE			
	770T03G	MATCO OR EQUAL BALL VALVE (DRIP MANUAL FLUSH VALVE)			
	OPERIND	RAIN BIRD DRIP ZONE INDICATOR			
	PESB-R SERIES	RAIN BIRD REMOTE CONTROL VALVE WITH SCRUBBER MECHANISM			
	XCZ-100-PRB-COM	RAIN BIRD REMOTE CONTROL VALVE DRIP ZONE KIT WITH SCRUBBER VALVE. (3-20GPM)			
	44-LRC	RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE. LOCATED IN ARTIFICIAL TURF FIELD			
	44-LRC	RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE. LOCATED IN PLANTING AREAS.			
	QS200-20	FLOMEC 2" PVC FLOW SENSOR			
	3100200	SUPERIOR MASTER VALVE-2" (NORMALLY OPEN)			
	LV-210S (2" VALVE) CL200 SADDLE MODEL #S • RDLS-600 (6")	LEEMCO DOUBLE STRAP SWIVEL SADDLE (CL200) AND FULL PORT 316 SS ANGLE VALVE WITH CROSS HANDLE WITH GRIP RING.			
	LCT-22SS316	LEEMCO STAINLESS STEEL CURB STOP VALVE			
	LGT-XX-SS316X	LEEMCO STAINLESS STEEL GATE VALVE (LINE SIZE)-2.5" AND SMALLER			
	ESP12LXMMSSPED/ ESPLXMSM12(11)/NCC-GP	RAIN BIRD ESP-LXME 24 STATION CONTROLLER IN A PEDISTAL MOUNTED ENCLOSURE WITH IQ CELL MODEM.			
	WR2-RFC	RAIN BIRD WIRELESS RAIN/FREEZE SENSOR			
		CONTROLLER AND STATION NUMBER			
		AREA (SQ. FT.)			
		FLOW (GPM)			
		REMOTE CONTROL VALVE SIZE (IN INCHES)			
		ASSOCIATED REMOTE CONTROL VALVE			
		CONTROLLER AND STATION NUMBER			
		AREA (SQ. FT.)			
		FLOW (GPM)			
		REMOTE CONTROL VALVE SIZE (IN INCHES)			
		ASSOCIATED REMOTE CONTROL VALVE			

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SHEET TITLE  
IRRIGATION  
LEGEND AND NOTES

PROJECT NAME  
WOODLAND  
COMMUNITY COLLEGE  
SOCCER FIELD  
PROJECT

PROJECT ADDRESS  
2300 E. GIBSON  
WOODLAND, CA 95776

SUBMITTAL	DATE
50% SUBMITTAL	08/23/24
DSA SUBMITTAL	11/18/24
DSA BACKCHECK	02/28/25
	05/02/25

NO.	REVISIONS	DATE
	ADDENDUM #2	

DRAWN BY

CHECKED BY  
WD/MB

DATE ISSUED  
02/28/25

SCALE  
1"=20'-0"

PROJ. NO.  
2314600

SHEET NO.  
L11.1 OF SHEETS

IRRIGATION LEGEND AND NOTES