

**IRRIGATION NOTES**

1. THIS SYSTEM IS DESIGNED FOR A MAXIMUM DEMAND OF 40 GPM. AVERAGE STATIC PRESSURE IS 50 PSI AT THE POINT OF CONNECTION AND NO LESS THAN 5 PSI AT THE FARTHEST IRRIGATION EMITTER AND 30 PSI AT THE FARTHEST IRRIGATION SPRAY HEAD. CONTACT THE LANDSCAPE ARCHITECT IN THE EVENT THAT FIELD TESTED PRESSURE IS LESS THAN STATED, PRIOR TO CONSTRUCTION.
2. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. ADJUST CLOCK AS REQUIRED TO ACHIEVE THIS GOAL AS REQUIRED BY THE TIME OF YEAR. SEE SHEET LS-2.10 FOR SEASONAL IRRIGATION SCHEDULE. ADJUST AS REQUIRED FOR PLANT ESTABLISHMENT PERIOD.
3. THIS DRAWING IS DIAGRAMMATIC. IRRIGATION COMPONENTS SHOWN BENEATH PAVING, EXISTING TREE TRUNKS, OR PLANTINGS IS FOR GRAPHIC CLARITY ONLY. PLACE ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS WITHIN THE ADJACENT PLANTER EXCEPT WHERE PIPES CROSS PAVING. PLACE PIPING TO PREVENT CONFLICT WITH SUBSEQUENT PLANTING. REFER TO PLANTING PLAN. IRRIGATION VALVES SHALL BE GROUPED TOGETHER PER DETAIL 7, SHEET LS-2.8 AND LOCATED A MINIMUM OF 17 FEET FROM THE EDGE OF TRAVELLED WAY TO ALLOW ACCESS.
4. CONTRACTOR TO PROVIDE COMPLETE 'AS-BUILT' DRAWINGS TO CITY AT COMPLETION OF PROJECT.
5. TRENCH ALL MAIN LINES TO A DEPTH OF 18", TRENCH ALL LATERAL LINES TO A DEPTH OF 12". TRENCH ALL MAIN OR LATERAL LINES PER UTILITY PLAN AND CAL TRANS STANDARDS WHERE CROSSING UNDER PAVEMENT.
6. INSTALL SLEEVES WHERE SHOWN ON PLAN, PRIOR TO THE PLACEMENT OF PAVING. COORDINATE WITH PAVING CONTRACTOR.
7. ALL REMOTE CONTROL VALVES, QUICK COUPLER VALVES, AIR RELIEF VALVES, AND FLUSH VALVES SHALL BE INSTALLED IN PLANTER AND IN VALVE BOXES.
8. CONTRACTOR IS RESPONSIBLE FOR PROVIDING 120 VOLT POWER TO IRRIGATION CONTROLLER. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND HOOK-UP OF POWER TO THE CONTROLLER.
9. SEE SHEET LS-2.9 FOR SYSTEM CAPACITY DOCUMENTATION. SEE SHEET LS-2.10 FOR WATER USE DOCUMENTATION.
10. ALL PROPRIETARY SPECIFICATIONS MAY BE SUBSTITUTED WITH EQUAL OR BETTER EQUIPMENT BY ANOTHER MANUFACTURER UPON APPROVAL BY PROJECT LANDSCAPE ARCHITECT.
11. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**SPRINKLER LEGEND**

SYMBOL	MFGR	DESCRIPTION	MODEL	FLOW (GPM)	DETAIL
	SALCO/RAINBIRD	EMITTER/ SWINGPIPE, SHRUBS- (SALCO PRO-SPEC EMITTERS WITH RAINBIRD SPX SERIES SWING PIPE AND SB SERIES FITTINGS)	SALCO PRO-SPEC EMITTER: SLV-PST-2 SWING PIPE: SPX-100 FITTINGS: SBE-050/ SBA-050/ SB-TEE (AS REQUIRED)	2 GPH PER EMITTER/ 4 GPH PER SHRUB BUBBLER ASSEMBLY (2 EMITTERS PER SHRUB)	1/LS-2.8
	SALCO/RAINBIRD	EMITTER/ SWINGPIPE, VINES- (SALCO PRO-SPEC EMITTERS WITH RAINBIRD SPX SERIES SWING PIPE AND SB SERIES FITTINGS)	SALCO PRO-SPEC EMITTER: SLV-PST-2 SWING PIPE: SPX-100 FITTINGS: SBE-050/ SBA-050/ SB-TEE (AS REQUIRED)	2 GPH PER EMITTER/ 4 GPH PER VINE BUBBLER ASSEMBLY (2 EMITTERS PER VINE)	1/LS-2.8
	SALCO/RAINBIRD	EMITTER/ SWINGPIPE, TREES- (SALCO PRO-SPEC EMITTERS WITH RAINBIRD SPX SERIES SWING PIPE AND SB SERIES FITTINGS)	SALCO PRO-SPEC EMITTER: SLV-PST-2 SWING PIPE: SPX-100 FITTINGS: SBE-050/ SBA-050/ SB-TEE (AS REQUIRED)	2 GPH PER EMITTER/ 8 GPH PER TREE BUBBLER ASSEMBLY (2 EMITTERS PER TREE)	2/LS-2.8
	RAINBIRD	IRRIGATION HEAD	1812-SAM-PRS-8 (Q, T, H, TT, TQ, F)	.26, .35, .52, 1.05	1/LS-10
	RAINBIRD	IRRIGATION HEAD	1812-SAM-PRS-10(Q, T, H, TT, TQ, F)	.39, .53, .79, 1.58	1/LS-10
	RAINBIRD	IRRIGATION HEAD	1812-SAM-PRS-12 (Q, T, H, TT, TQ, F)	.65, .87, 1.3, 2.6	1/LS-10
	RAINBIRD	IRRIGATION HEAD	1812-SAM-PRS-15S (EST/ SST)	.61, 1.21	1/LS-10

Dist COUNTY ROUTE POST MILES SHEET TOTAL  
03 But 32 10.3/11.3 119 144

*B. Firth* 12-22-11  
LICENSED LANDSCAPE ARCHITECT DATE

DECEMBER 22, 2011  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

BRIAN FIRTH LANDSCAPE ARCHITECT, INC. CITY OF CHICO PROJECT SERVICES  
627 BROADWAY, SUITE 220 411 MAIN STREET  
CHICO, CALIFORNIA 95928 CHICO, CA 95927

**NOTE:**  
SEE SHEET LS-2.0 FOR IRRIGATION LEGEND

IRRIGATION LATERALS SHOWN NORTH OF WALL FOR GRAPHIC CLARITY ONLY. INSTALL SOUTH OF SOUNDWALL. PIPESIZES SHOWN ARE MINIMUM ALLOWABLE. TYPICAL THROUGHOUT.

MAINLINE AND VALVES SHOWN IN ROADWAY FOR GRAPHIC CLARITY ONLY. INSTALL A MINIMUM OF 9 (NINE) FEET SOUTH OF EDGE OF ROAD.

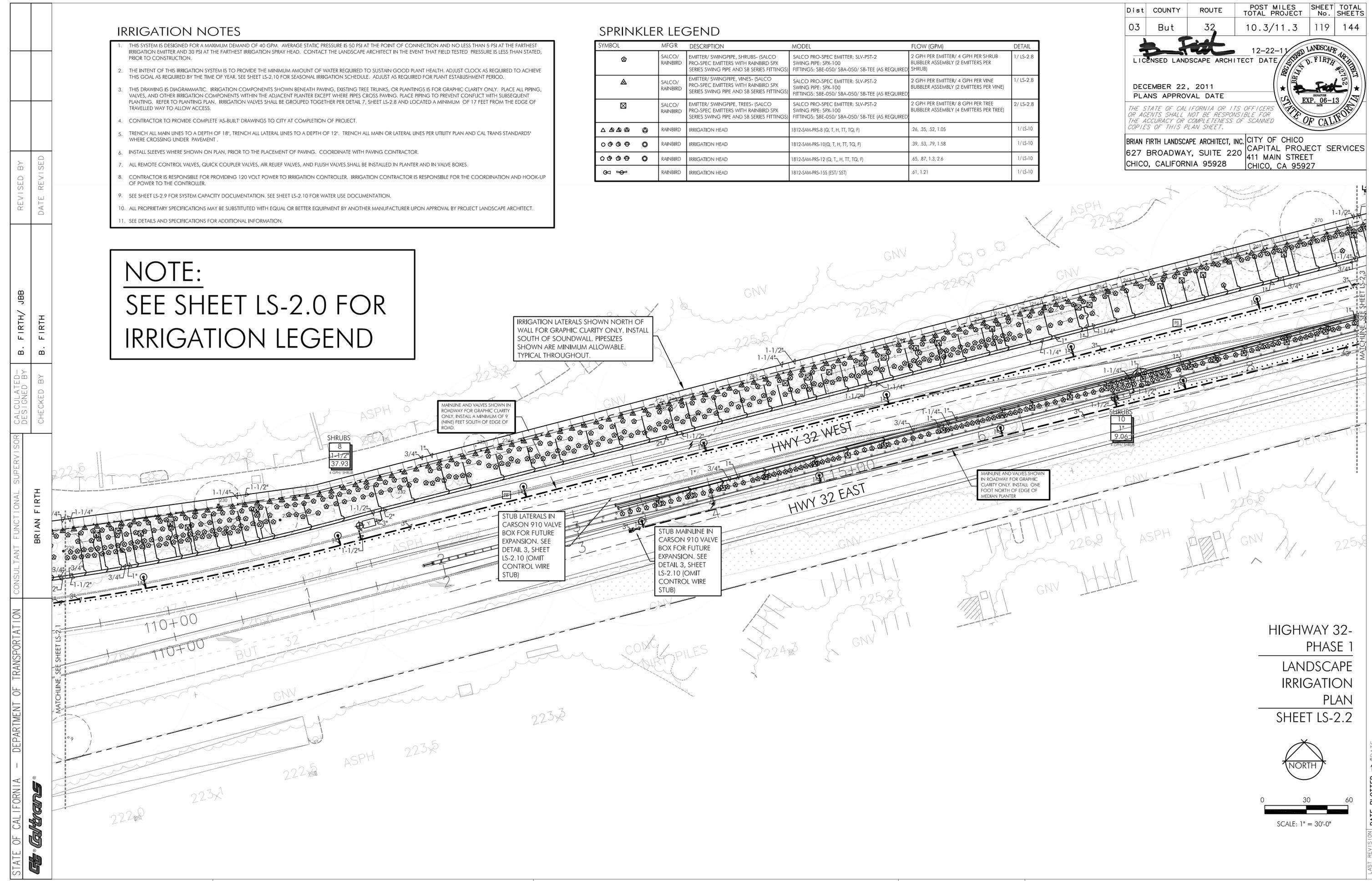
STUB LATERALS IN CARSON 910 VALVE BOX FOR FUTURE EXPANSION. SEE DETAIL 3, SHEET LS-2.10 (OMIT CONTROL WIRE STUB)

STUB MAINLINE IN CARSON 910 VALVE BOX FOR FUTURE EXPANSION. SEE DETAIL 3, SHEET LS-2.10 (OMIT CONTROL WIRE STUB)

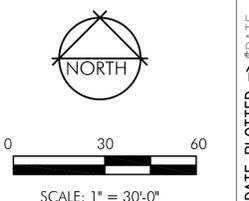
MAINLINE AND VALVES SHOWN IN ROADWAY FOR GRAPHIC CLARITY ONLY. INSTALL ONE FOOT NORTH OF EDGE OF MEDIAN PLANTER.

SHRUBS  
8  
1-1/2"  
37.93  
1 GPH SHRUB

SHRUBS  
10  
1"  
9.06  
1 GPH SHRUB



HIGHWAY 32-  
PHASE 1  
LANDSCAPE  
IRRIGATION  
PLAN  
SHEET LS-2.2



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 CONSULTANT - FUNCTIONAL SUPERVISOR  
 B. FIRTH / JBB  
 B. FIRTH  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 REVISOR  
 REVISION  
 DATE PLOTTED => \$DATE  
 TIME PLOTTED => \$TIME  
 00-00-00

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### SPRINKLER LEGEND

SYMBOL	MFG/R	DESCRIPTION	MODEL	FLOW (GPM)	DETAIL
⊛	SALCO/RAINBIRD	EMITTER/ SWINGPIPE, SHRUBS- (SALCO PRO-SPEC EMITTERS WITH RAINBIRD SPX SERIES SWING PIPE AND SB SERIES FITTINGS)	SALCO PRO-SPEC EMITTER: SLV-PST-2 SWING PIPE: SPX-100 FITTINGS: SBE-050/ SBA-050/ SB-TEE (AS REQUIRED)	2 GPH PER EMITTER/ 4 GPH PER SHRUB BUBBLER ASSEMBLY (2 EMITTERS PER SHRUB)	1/LS-2.8
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⊞	SALCO/RAINBIRD	EMITTER/ SWINGPIPE, TREES- (SALCO PRO-SPEC EMITTERS WITH RAINBIRD SPX SERIES SWING PIPE AND SB SERIES FITTINGS)	SALCO PRO-SPEC EMITTER: SLV-PST-2 SWING PIPE: SPX-100 FITTINGS: SBE-050/ SBA-050/ SB-TEE (AS REQUIRED)	2 GPH PER EMITTER/ 8 GPH PER TREE BUBBLER ASSEMBLY (4 EMITTERS PER TREE)	2/LS-2.8
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**Brian Firth** 12-22-11  
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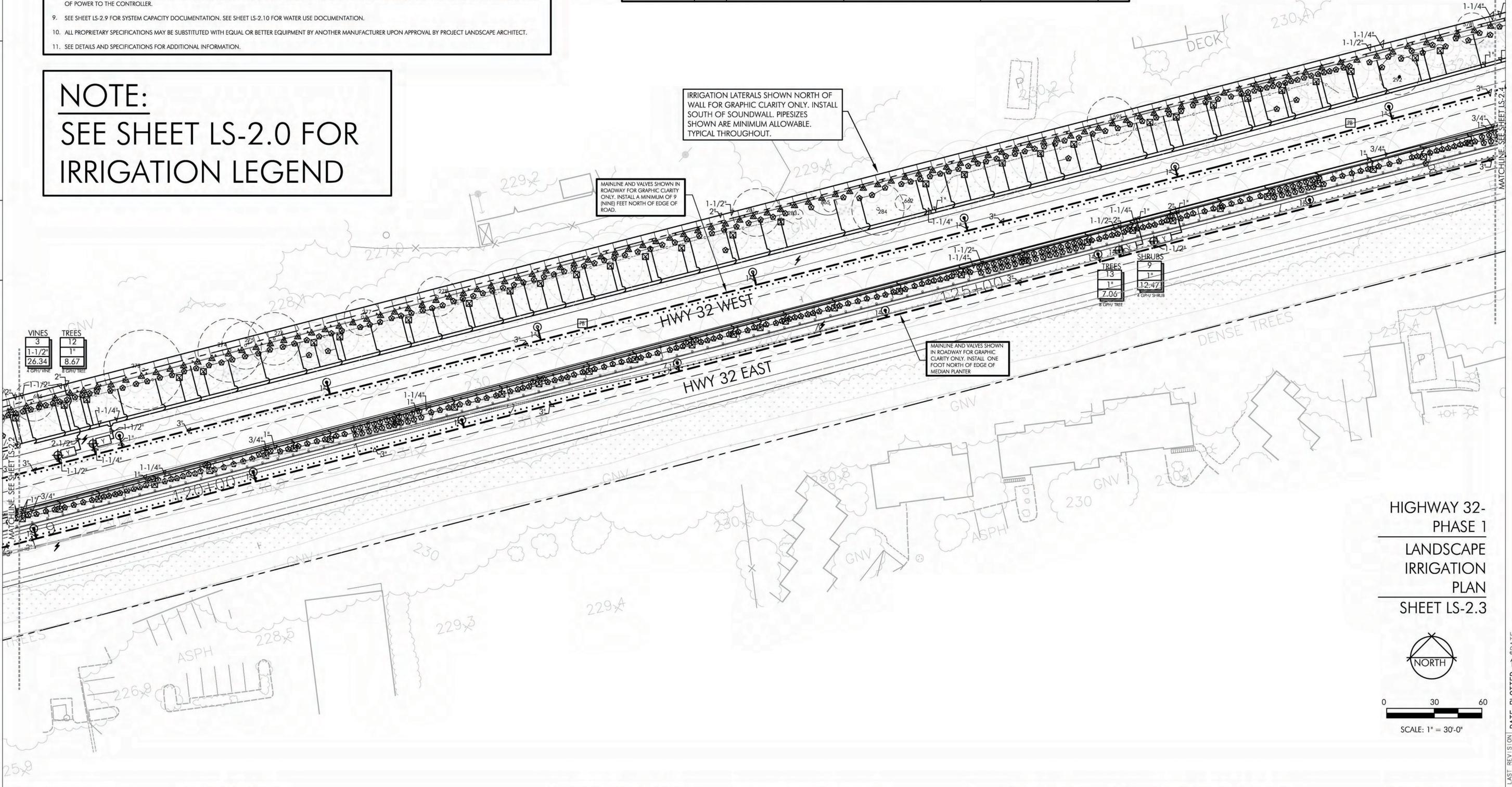
BRIAN FIRTH LANDSCAPE ARCHITECT, INC. CITY OF CHICO CAPITAL PROJECT SERVICES  
 627 BROADWAY, SUITE 220 411 MAIN STREET  
 CHICO, CALIFORNIA 95928 CHICO, CA 95927

**NOTE:**  
 SEE SHEET LS-2.0 FOR  
 IRRIGATION LEGEND

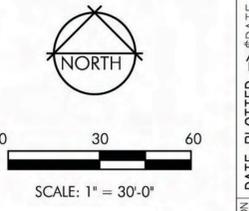
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HIGHWAY 32-  
 PHASE 1  
 LANDSCAPE  
 IRRIGATION  
 PLAN  
 SHEET LS-2.3



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 CONSULTANT - FUNCTIONAL SUPERVISOR  
 B. FIRTH/ JBB  
 B. FIRTH  
 REVISIONS: 00-00-00  
 DATE PLOTTED: 00-00-00  
 TIME PLOTTED: 00:00:00