| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 03 | But | 32 | 10.3/11.3 | 123 | 144 |

LICENSED LANDSCAPE ARCHITECT — 12-22-11

DECEMBER 22, 2011
PLANS APPROVAL DATE

BRIAN D. FIRTH #2752 — REGISTERED LANDSCAPE ARCHITECT — EXP. 06-13 — STATE OF CALIFORNIA

*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.
627 BROADWAY, SUITE 220
CHICO, CALIFORNIA 95928

CITY OF CHICO
CAPITAL PROJECT SERVICES
411 MAIN STREET
CHICO, CA 95927

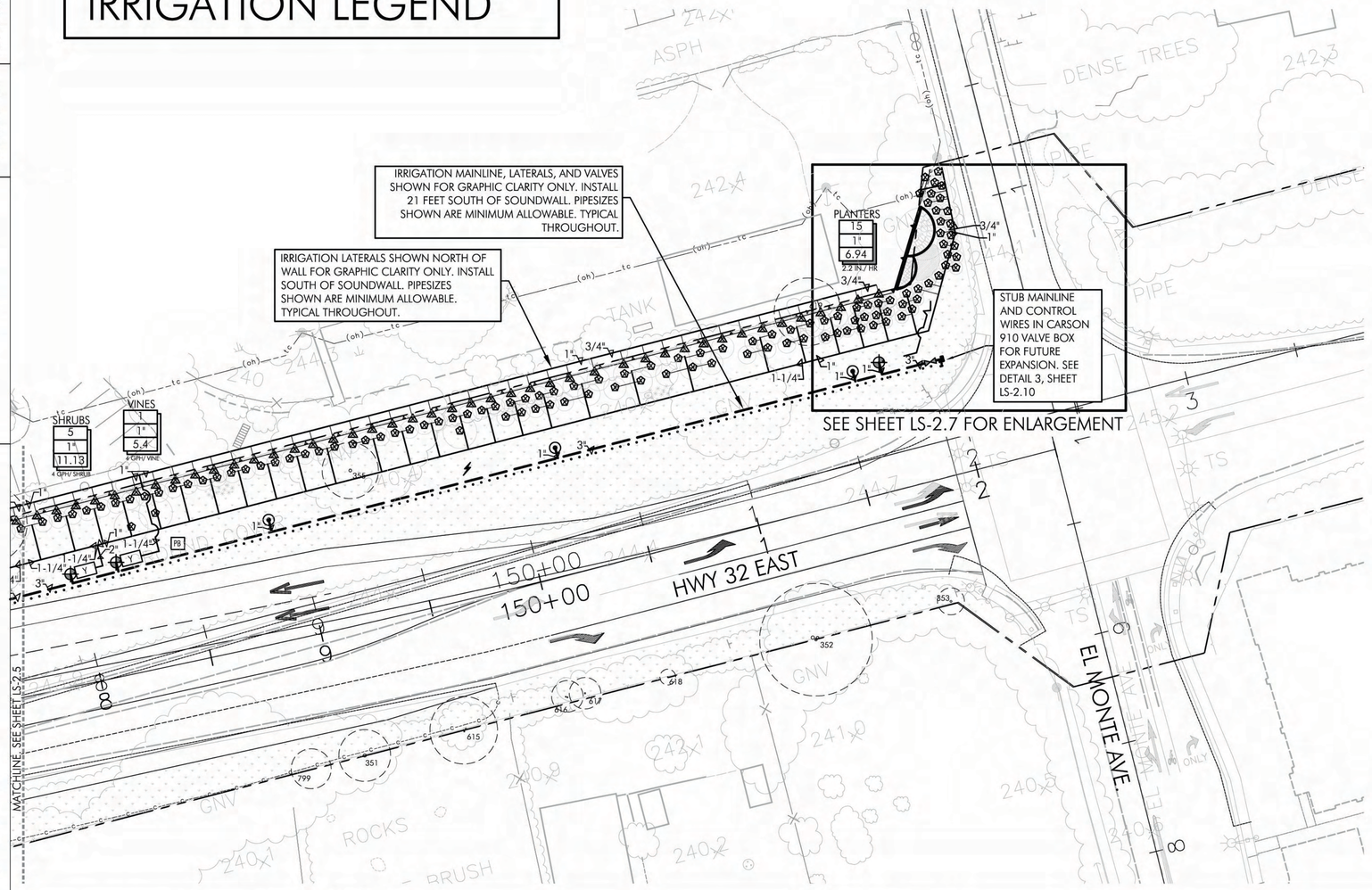

## IRRIGATION NOTES

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 | 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<br>SWING PIPE: SPX-100<br>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<br>SWING PIPE: SPX-100<br>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<br>SWING PIPE: SPX-100<br>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 |
| | 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 |

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




HIGHWAY 32-PHASE 1

LANDSCAPE IRRIGATION PLAN

SHEET LS-2.6

NORTH

0 30 60

SCALE: 1" = 30'-0"

| REVISED BY | DATE REVISED |
|---|---|
| | |

CALCULATED-DESIGNED BY: B. FIRTH/ JBB
CHECKED BY: B. FIRTH
CONSULTANT FUNCTIONAL SUPERVISOR: BRIAN FIRTH
STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION: 00-00-00 DATE PLOTTED => $DATE TIME PLOTTED => $TIME

BORDER LAST REVISED 12-22-11 | USERNAME => $USER DGN FILE => $REQUEST | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0300000261

| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 03 | But | 32 | 10.3/11.3 | 124 | 144 |

12-22-11
LICENSED LANDSCAPE ARCHITECT DATE

DECEMBER 22, 2011
PLANS APPROVAL DATE

REGISTERED LANDSCAPE ARCHITECT BRIAN D. FIRTH #2752 EXP. 06-13 STATE OF CALIFORNIA

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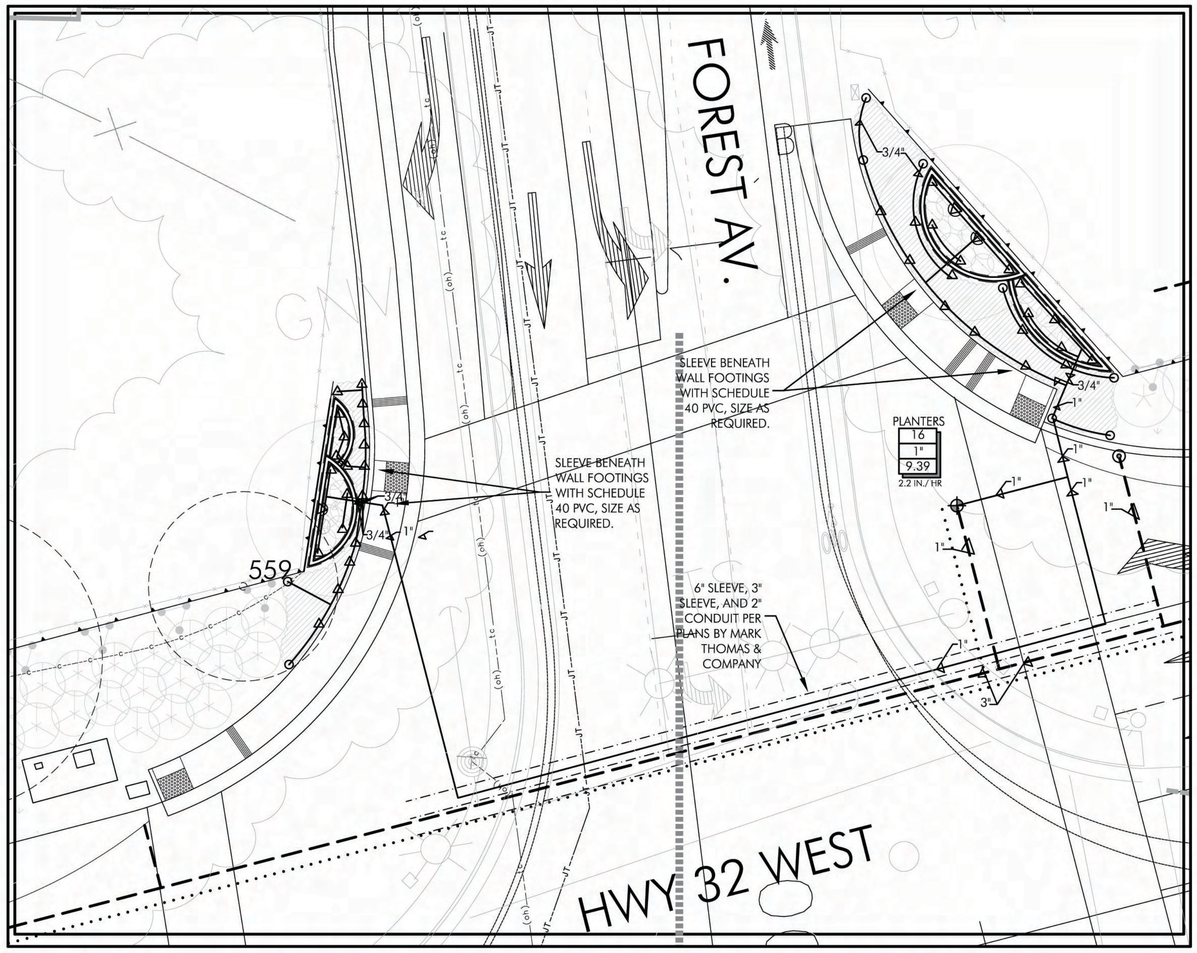
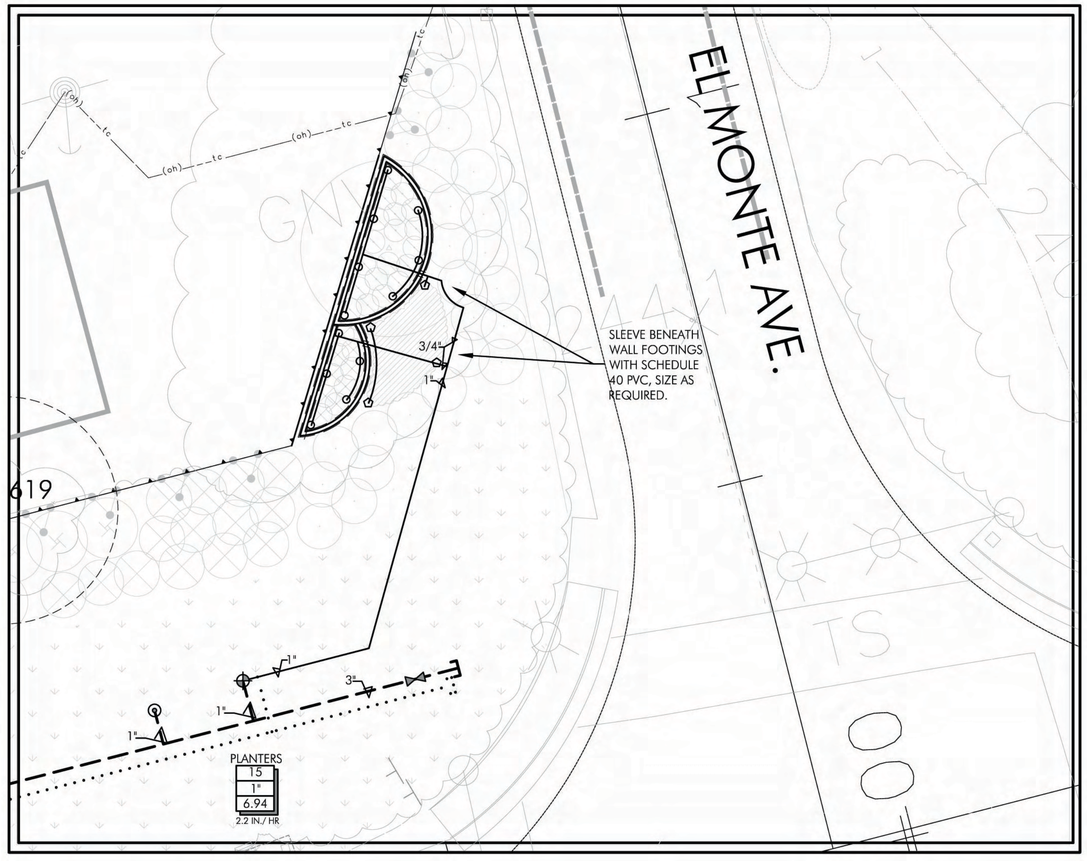



CORNER ENLARGEMENT: FOREST AVENUE AND HIGHWAY 32




NOTE:
SEE SHEET LS-2.0 FOR IRRIGATION LEGENDS AND NOTES

HIGHWAY 32- PHASE 1
LANDSCAPE IRRIGATION PLAN
SHEET LS-2.7

NORTH
0 10 20
SCALE: 1" = 10'-0"

LAST REVISION 00-00-00
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION
Caltrans®
CONSULTANT FUNCTIONAL SUPERVISOR: BRIAN FIRTH
CALCULATED-DESIGNED BY: B. FIRTH/ JBB
CHECKED BY: B. FIRTH
REVISED BY | DATE REVISED

BORDER LAST REVISED 12-22-11 | USERNAME => $USER | DGN FILE => $REQUEST | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0300000261