

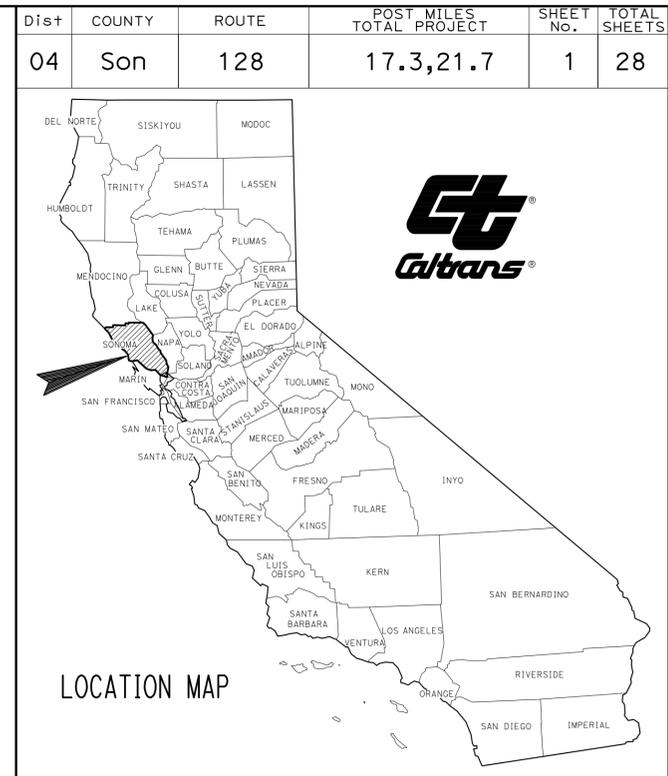
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	TEMPORARY WATER POLLUTION CONTROL DETAILS
4	PLANT LIST
5-7	PLANTING PLANS
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11	LANDSCAPE DETAILS
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13	CONSTRUCTION AREA SIGNS
14-28	REVISED AND NEW STANDARD PLANS

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

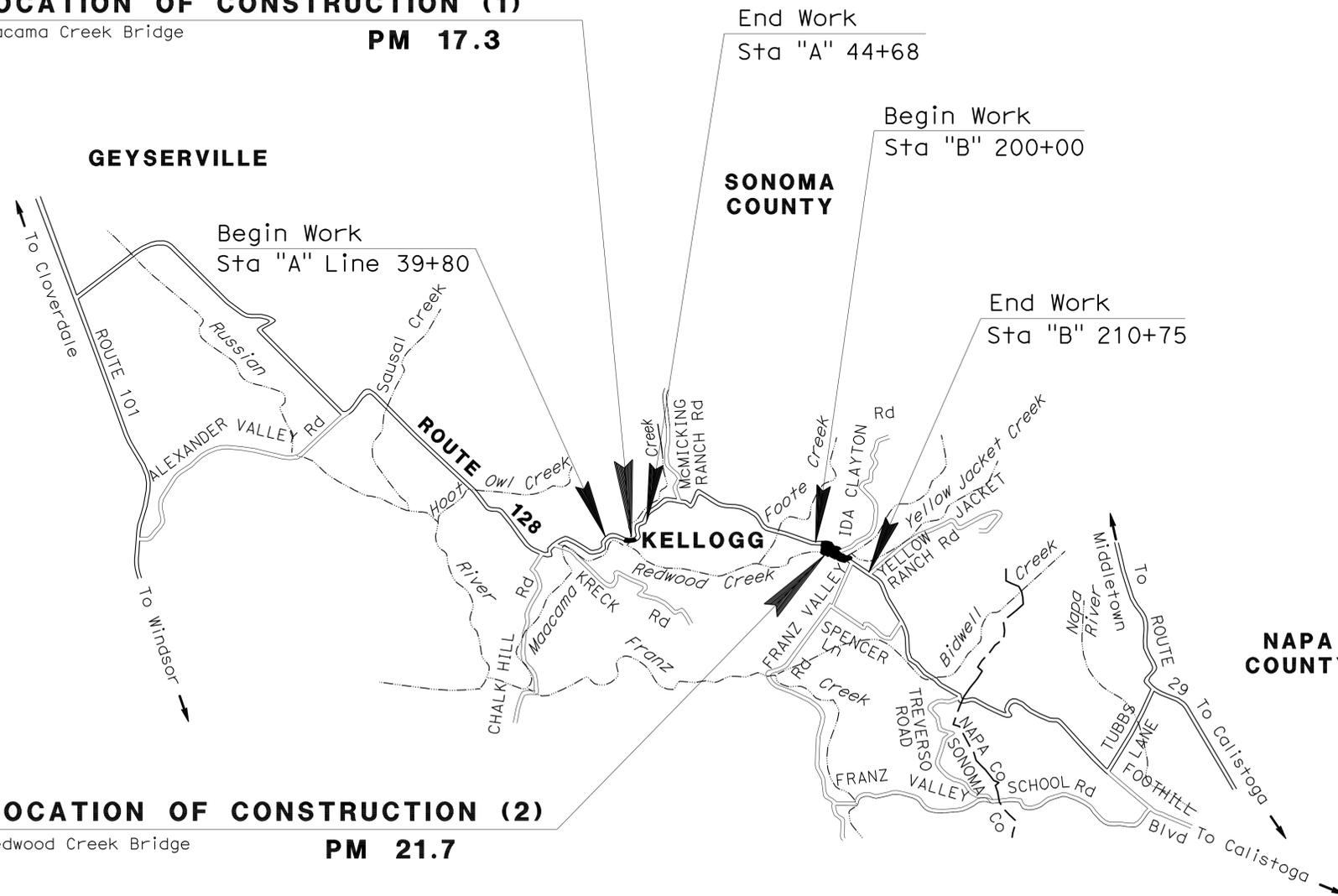
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SONOMA COUNTY
NEAR NAPA
AT MAACAMA CREEK BRIDGE AND
AT REDWOOD CREEK BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATION OF CONSTRUCTION (1)

Maacama Creek Bridge **PM 17.3**



LOCATION OF CONSTRUCTION (2)

Redwood Creek Bridge **PM 21.7**

PROJECT MANAGER
LILIAN A. ACORDA

DESIGN ENGINEER
SUSAN LINDSAY

NO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

Lidia Mue
 PROJECT ENGINEER DATE
 LICENSED LANDSCAPE ARCHITECT



July 11, 2011

PLANS APPROVAL DATE

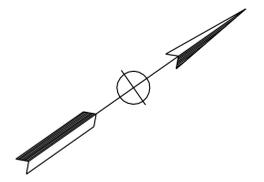
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CONTRACT No.	04-4A8824
PROJECT ID	0400002049

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT
 DAVID W. YAM
 CHECKED BY
 JENNIFER EGAWA
 REVISIONS:
 04/11/11
 AKM

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- FIBER ROLLS SHALL NOT BE INSTALLED BELOW CREEK HIGH WATER MARK AS ESTABLISHED BY THE ENGINEER.
- TEMPORARY WATER POLLUTION AND EROSION CONTROL LOCATIONS ARE DIAGRAMMATIC ONLY.



LEGEND:

- /// FIBER ROLLS
- TFESA
- EXISTING RSP

ABBREVIATIONS:

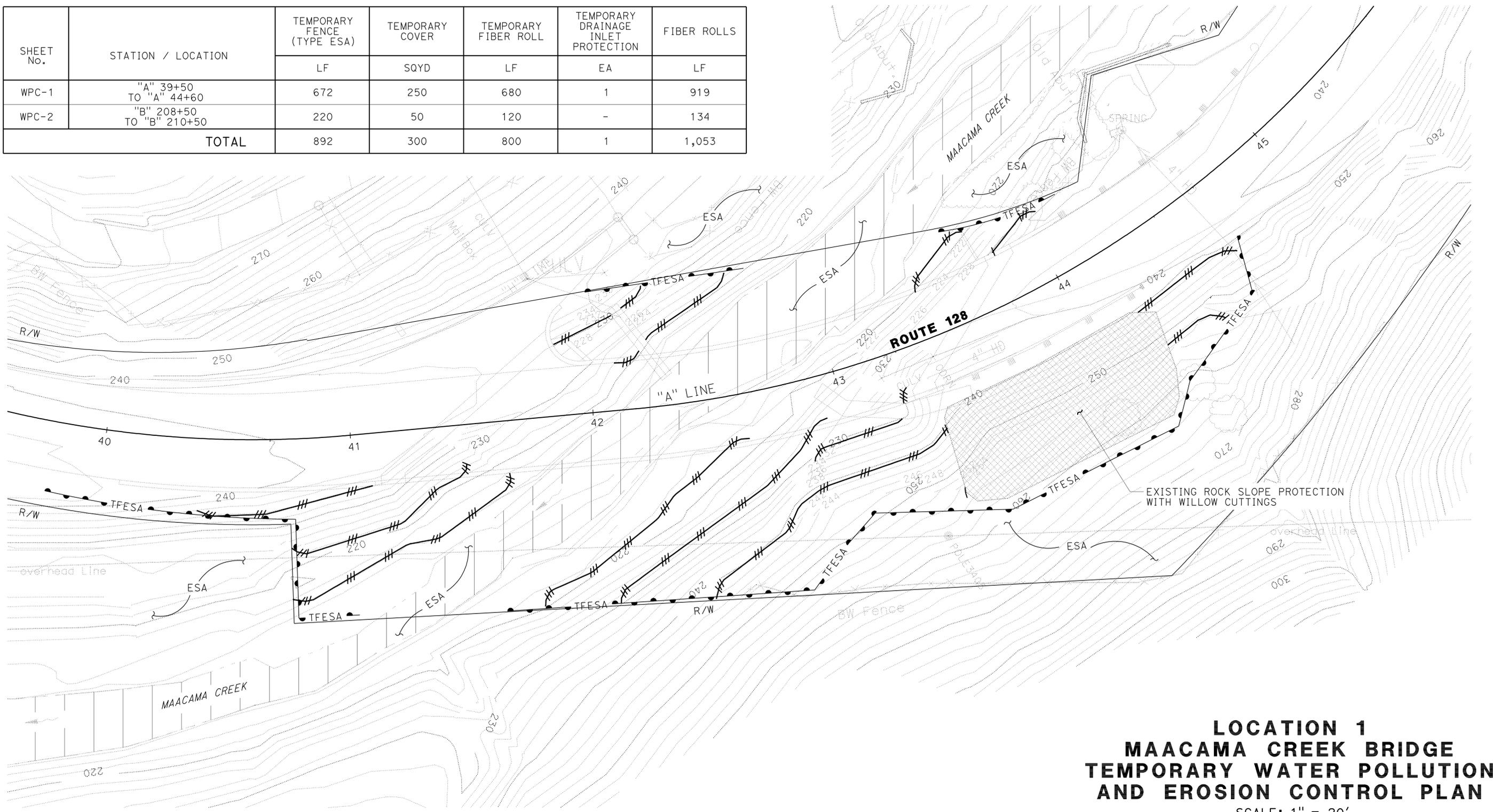
- ESA ENVIRONMENTALLY SENSITIVE AREA

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	2	28

Alex McDonald
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 PLANS APPROVAL DATE
 08-31-12
 04/11/11
 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.

TEMPORARY WATER POLLUTION AND EROSION CONTROL QUANTITIES

SHEET No.	STATION / LOCATION	TEMPORARY FENCE (TYPE ESA)	TEMPORARY COVER	TEMPORARY FIBER ROLL	TEMPORARY DRAINAGE INLET PROTECTION	FIBER ROLLS
		LF	SQYD	LF	EA	LF
WPC-1	"A" 39+50 TO "A" 44+60	672	250	680	1	919
WPC-2	"B" 208+50 TO "B" 210+50	220	50	120	-	134
TOTAL		892	300	800	1	1,053



**LOCATION 1
 MAACAMA CREEK BRIDGE
 TEMPORARY WATER POLLUTION
 AND EROSION CONTROL PLAN**
 SCALE: 1" = 20'

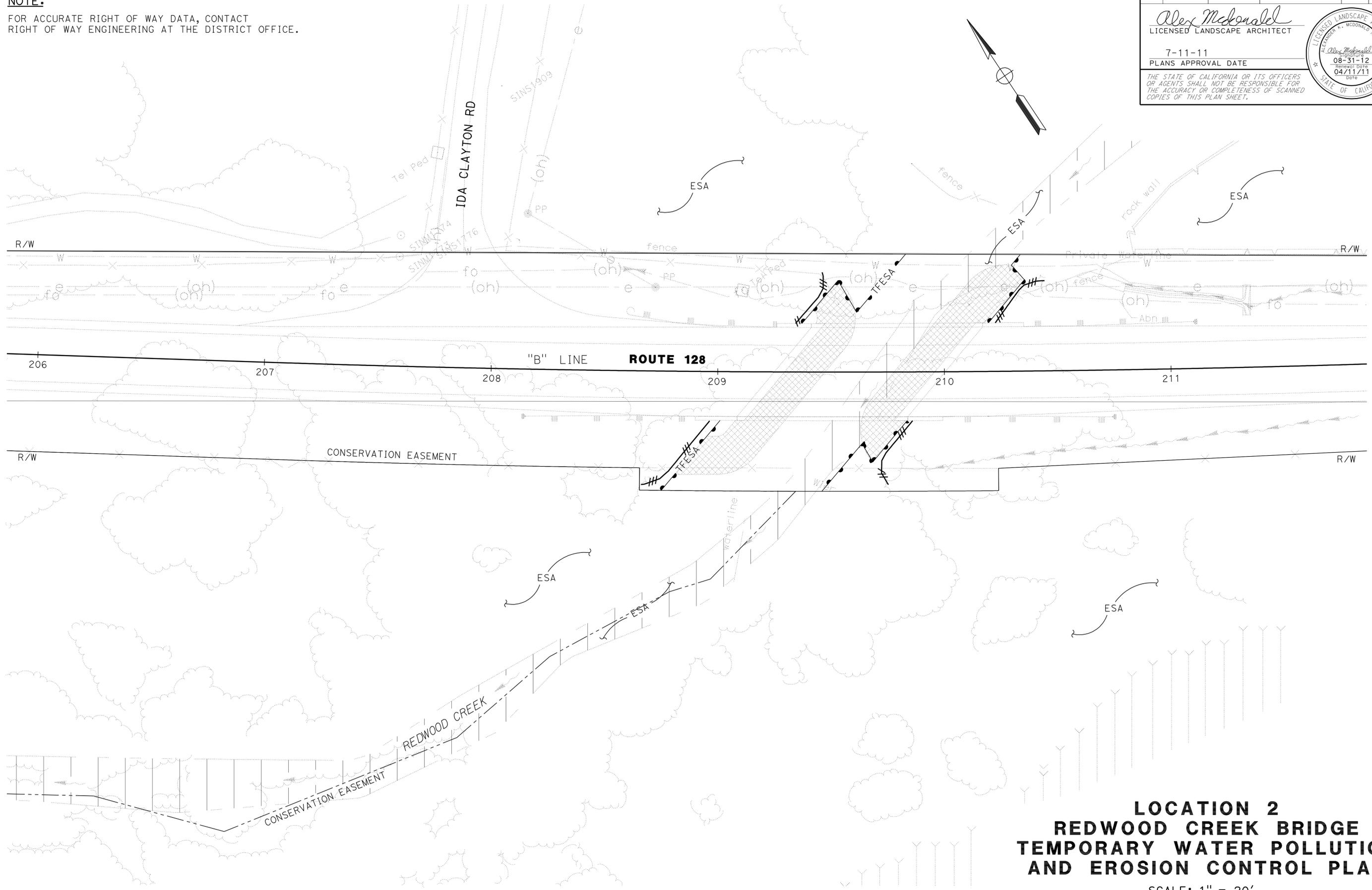
WPC-1

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION AND EROSION CONTROL WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	3	28

<i>Alex McDonald</i> LICENSED LANDSCAPE ARCHITECT	
7-11-11 PLANS APPROVAL DATE	
<small>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.</small>	

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**LOCATION 2
REDWOOD CREEK BRIDGE
TEMPORARY WATER POLLUTION
AND EROSION CONTROL PLAN**

SCALE: 1" = 20'

WPC-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
WATER QUALITY

SENIOR LANDSCAPE ARCHITECT
DAVID W. YAM

CHECKED BY
JENNIFER EGAWA

DESIGNED BY
ALEX McDONALD

REVISOR
AKM

DATE REVISION
04/11/11

THIS PLAN ACCURATE FOR TEMPORARY WATER POLLUTION AND EROSION CONTROL WORK ONLY

BORDER LAST REVISED 7/2/2010

USERNAME => s128843
DGN FILE => 0400002049tc002.dgn



UNIT 0792

PROJECT NUMBER & PHASE

04000020491

LAST REVISION DATE PLOTTED => 25-AUG-2011
01-31-11 TIME PLOTTED => 12:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	4	28

Lydia Mac
 LICENSED LANDSCAPE ARCHITECT

7-11-11
 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.

PLANT LIST AND PLANTING SPECIFICATIONS

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH)		BASIN TYPE	IRON SULFATE	SOIL AMEND	COMMERCIAL FERTILIZER ①		BASIN MULCH ①	STAKING	PLANTING LIMITS							REMARKS
							Dia	DEPTH				①	⑬			MINIMUM DISTANCE (ft) FROM					ON CENTER (ft)		
																ETW	Pvmt	FENCE	WALL	PAVED DITCH		EARTH DITCH	
M	1		<u>ACER MACROPHYLLUM</u>	BIG-LEAF MAPLE	POT ⑤	8	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	20	20	22	⑦	TREE ⑨ ④
	2		<u>AESCULUS CALIFORNICA</u>	BUCKEYE	POT ⑤	18	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	20	10	12	⑦	TREE ⑨ ④
	3		<u>ALNUS RHOMBIFOLIA</u>	WHITE ALDER	POT ⑤	39	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	20	10	12	⑦	TREE ⑨ ④
	4		<u>ARBUTUS MENZIESII</u>	MADRONE	POT ⑤	20	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	20	20	22	⑦	TREE ⑨ ④
	5		<u>FRAXINUS LATIFOLIA</u>	OREGON ASH	POT ⑤	18	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	15	15	15	17	⑦	TREE ⑨ ④
	6		<u>QUERCUS AGRIFOLIA</u>	COAST LIVE OAK	POT ⑤	21	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	15	15	17	⑦	TREE ⑨ ④
	7		<u>QUERCUS LOBATA</u>	VALLEY OAK	POT ⑤	24	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	20	20	20	22	⑦	TREE ⑨ ④
	8		<u>UMBELLULARIA CALIFORNICA</u>	BAY LAUREL	POT ⑤	21	24	24	I	--	2.0 CF	1 Pkt	1.0 Oz	1.8 CF	X	⑦	--	30	30	20	22	⑦	TREE ⑨ ④
W	9		<u>SALIX spp.</u>	WILLOW	WILLOW CUTTING	92	⑤	--	--	--	1 Pkt	--	--	--	30	--	20	20	20	25	⑦	TREE (LOCALLY COLLECTED WITHIN A 5 MILE RADIUS FROM PROJECT SITE)	

APPLICABLE WHEN CIRCLED:

- ① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
- 2 - BASIN MULCH IS INCLUDED WITH MULCH QUANTITIES SHOWN ON PLANTING PLAN
- 3 - SUFFICIENT TO RECEIVE ROOT BALL AND AMENDMENTS IF REQUIRED
- ④ - SEE LANDSCAPE FABRIC AND TIME RELEASE ASSEMBLY DETAILS
- ⑤ - SEE SPECIAL PROVISIONS

NOTE:

UNDERLINED PORTIONS OF BOTANICAL NAME INDICATE ABBREVIATIONS USED ON PLANTING PLANS.

- ⑥ - SEE STANDARD SPECIFICATIONS
- ⑦ - AS SHOWN ON PLANS
- 8 - UNLESS OTHERWISE SHOWN ON PLANS
- ⑨ - FOLIAGE PROTECTOR REQUIRED
- 10 - ROOT PROTECTOR REQUIRED
- 11 - ROOT BARRIER REQUIRED
- 12 - STATE-FURNISHED
- ⑬ - IF REPLACEMENT PLANTING IS REQUIRED WITHIN THE "MAINTAIN EXISTING PLANTED AREA" LOCATED NORTH OF REDWOOD CREEK, THE PLANT HOLES WITHIN THE LIMITS OF AMA SHALL BE 8" DIAMETER BY 14" DEEP. APPLY 0.5 CF OF SOIL AMENDMENT IN HOLE AND MIX THOROUGHLY.

LEGEND:

- ARCHAEOLOGICAL MONITORING AREA (AMA)
- EXISTING ROCK SLOPE PROTECTION
- MAINTAIN EXISTING PLANTED AREA
- CONSERVATION EASEMENT
- TOP OF CREEK BANK (6' TO 15' VERTICAL DROP TO CREEK BED)
- ENVIRONMENTALLY SENSITIVE AREA (ESA 1) SHOWN ON SHEETS PP-2 AND IP-2.

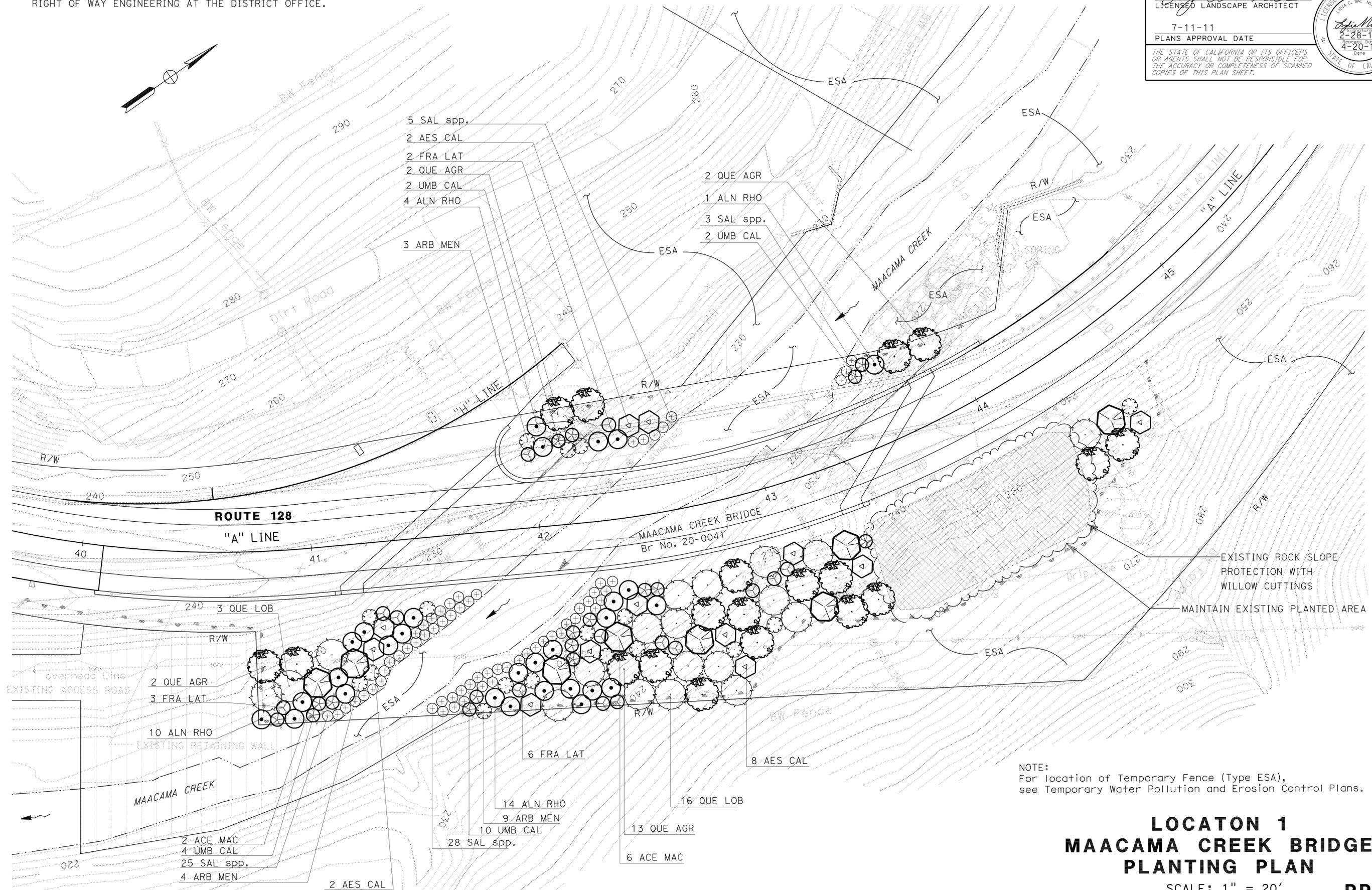
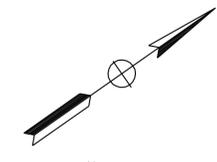
**PLANT LIST
 PL - 1**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	5	28

Susan Lindsay
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 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.

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



NOTE:
 For location of Temporary Fence (Type ESA),
 see Temporary Water Pollution and Erosion Control Plans.

LOCATON 1
MAACAMA CREEK BRIDGE
PLANTING PLAN
 SCALE: 1" = 20'
PP-1

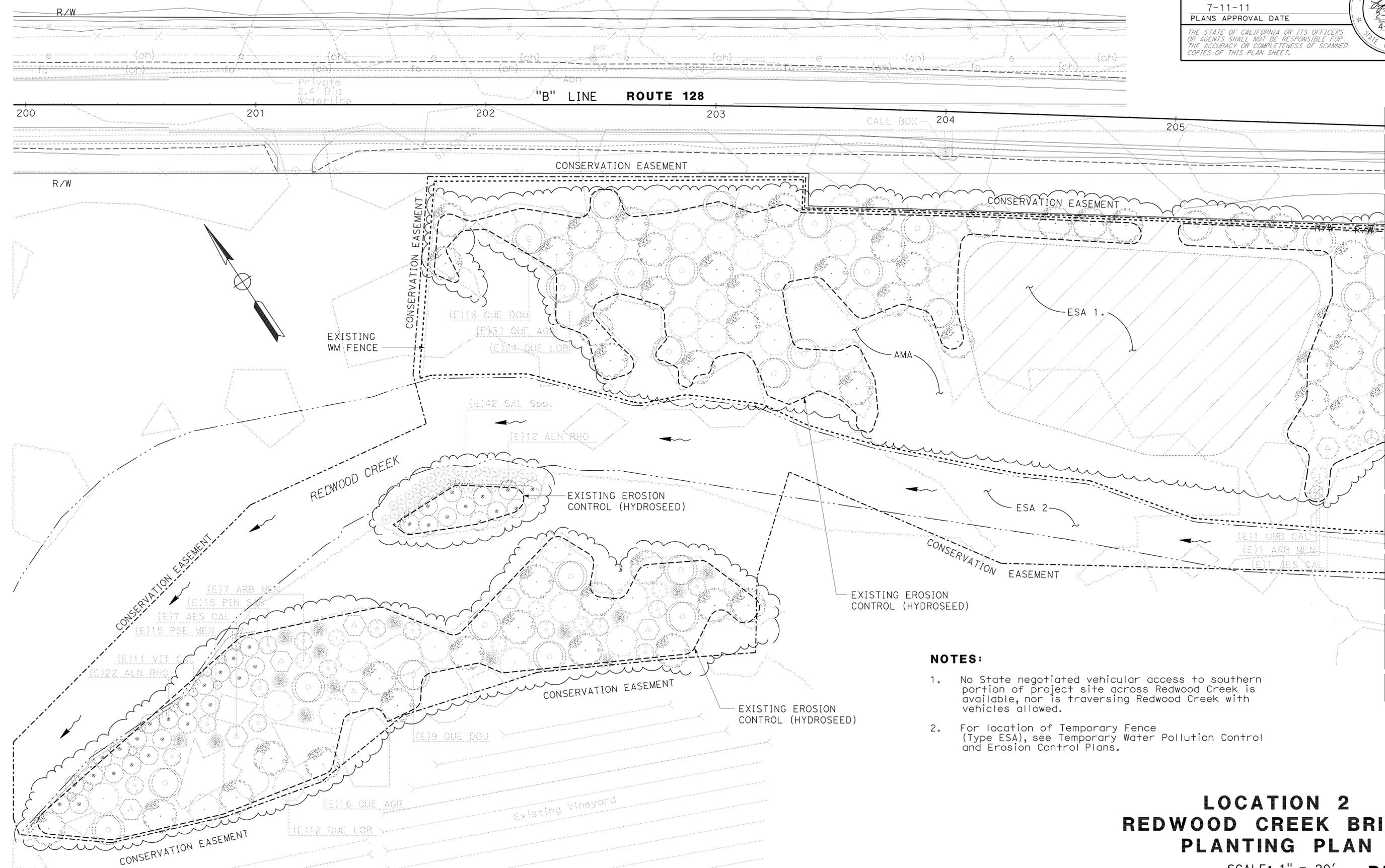
THIS PLAN ACCURATE FOR PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	SUSAN LINDSAY	LYDIA MAC	7/2/2010
		SUSAN LINDSAY	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	6	28

Lydia Mue
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 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.

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



- NOTES:**
- No State negotiated vehicular access to southern portion of project site across Redwood Creek is available, nor is traversing Redwood Creek with vehicles allowed.
 - For location of Temporary Fence (Type ESA), see Temporary Water Pollution Control and Erosion Control Plans.

**LOCATION 2
REDWOOD CREEK BRIDGE
PLANTING PLAN**

SCALE: 1" = 20' **PP-2**

THIS PLAN ACCURATE FOR PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT: SUSAN LINDSAY
 CALCULATED/DESIGNED BY: SUSAN LINDSAY
 CHECKED BY: LYDIA MAC
 REVISED BY: LYDIA MAC
 DATE REVISED:

USERNAME => s128843
 DGN FILE => 04000020491002.dgn



UNIT 0793

PROJECT NUMBER & PHASE

04000020491

LAST REVISION: 4-13-11
 DATE PLOTTED => 25-AUG-2011
 TIME PLOTTED => 12:53

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	7	28

Sydia Mue
LICENSED LANDSCAPE ARCHITECT

7-11-11
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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

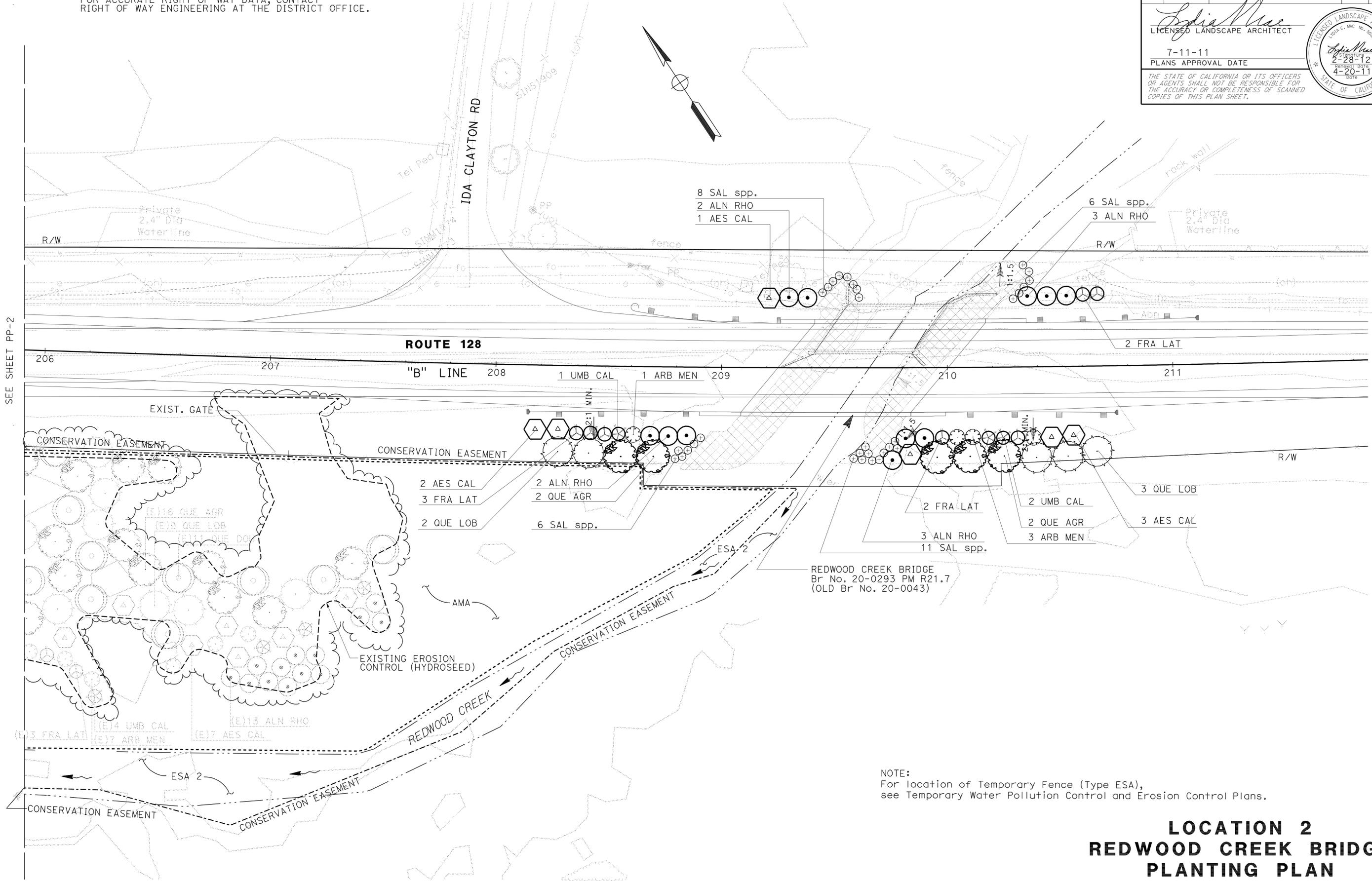
SENIOR LANDSCAPE ARCHITECT
SUSAN LINDSAY

CALCULATED/DESIGNED BY
SUSAN LINDSAY

CHECKED BY
SUSAN LINDSAY

REVISOR BY
DATE REVISED

LYDIA MAC
SUSAN LINDSAY



NOTE:
For location of Temporary Fence (Type ESA),
see Temporary Water Pollution Control and Erosion Control Plans.

**LOCATION 2
REDWOOD CREEK BRIDGE
PLANTING PLAN**

SCALE: 1" = 20' **PP-3**

THIS PLAN ACCURATE FOR PLANTING WORK ONLY

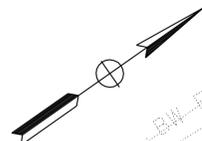
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	8	28

Sydia Mac
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 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.



NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



EXISTING ROCK SLOPE PROTECTION WITH EXISTING WILLOW CUTTINGS
 MAINTAIN EXISTING PLANTED AREA

NOTE:
 SEE SHEET IP-2 FOR LEGEND AND NOTES.

**LOCATION 1
 MAACAMA CREEK BRIDGE
 IRRIGATION PLAN**

SCALE: 1" = 20'

IP-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 SUSAN LINDSAY
 CALCULATED/DESIGNED BY
 SUSAN LINDSAY
 CHECKED BY
 SUSAN LINDSAY
 REVISED BY
 LYDIA MAC
 DATE REVISED

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY



BORDER LAST REVISED 7/2/2010

USERNAME => s128843
 DGN FILE => 04000020491001.dgn

RELATIVE BORDER SCALE
 IS IN INCHES

UNIT 0793

PROJECT NUMBER & PHASE

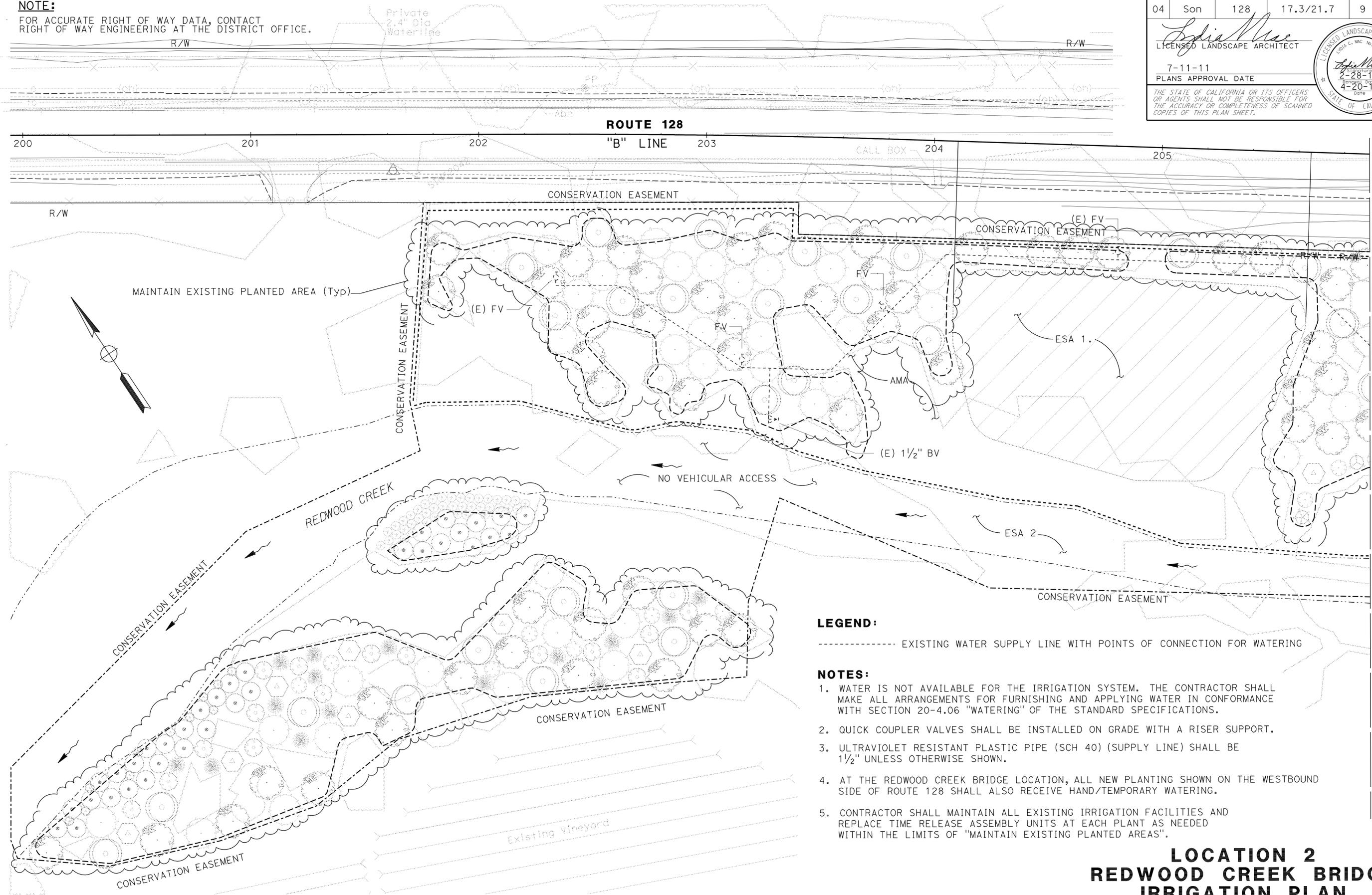
04000020491

LAST REVISION DATE PLOTTED => 25-AUG-2011
 04-13-11 TIME PLOTTED => 12:53

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	9	28

Lydia Mac
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 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.

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



LEGEND:

----- EXISTING WATER SUPPLY LINE WITH POINTS OF CONNECTION FOR WATERING

NOTES:

1. WATER IS NOT AVAILABLE FOR THE IRRIGATION SYSTEM. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR FURNISHING AND APPLYING WATER IN CONFORMANCE WITH SECTION 20-4.06 "WATERING" OF THE STANDARD SPECIFICATIONS.
2. QUICK COUPLER VALVES SHALL BE INSTALLED ON GRADE WITH A RISER SUPPORT.
3. ULTRAVIOLET RESISTANT PLASTIC PIPE (SCH 40) (SUPPLY LINE) SHALL BE 1 1/2" UNLESS OTHERWISE SHOWN.
4. AT THE REDWOOD CREEK BRIDGE LOCATION, ALL NEW PLANTING SHOWN ON THE WESTBOUND SIDE OF ROUTE 128 SHALL ALSO RECEIVE HAND/TEMPORARY WATERING.
5. CONTRACTOR SHALL MAINTAIN ALL EXISTING IRRIGATION FACILITIES AND REPLACE TIME RELEASE ASSEMBLY UNITS AT EACH PLANT AS NEEDED WITHIN THE LIMITS OF "MAINTAIN EXISTING PLANTED AREAS".

**LOCATION 2
REDWOOD CREEK BRIDGE
IRRIGATION PLAN**

SCALE: 1" = 20'

IP-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE
SENIOR LANDSCAPE ARCHITECT	SUSAN LINDSAY
CHECKED BY	SUSAN LINDSAY
DESIGNED BY	LYDIA MAC
DATE REVISION	REVISOR
DATE REVISION	REVISOR

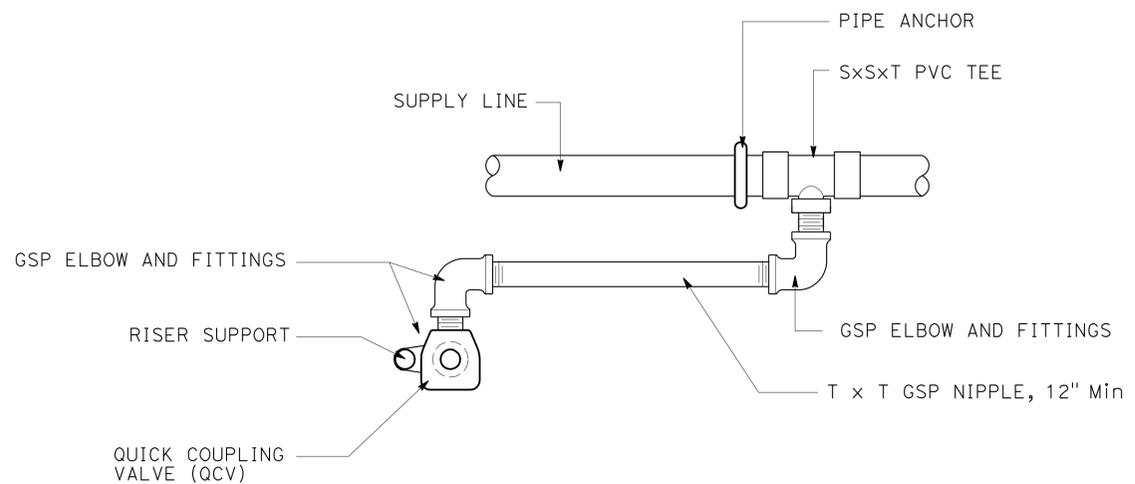
THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY



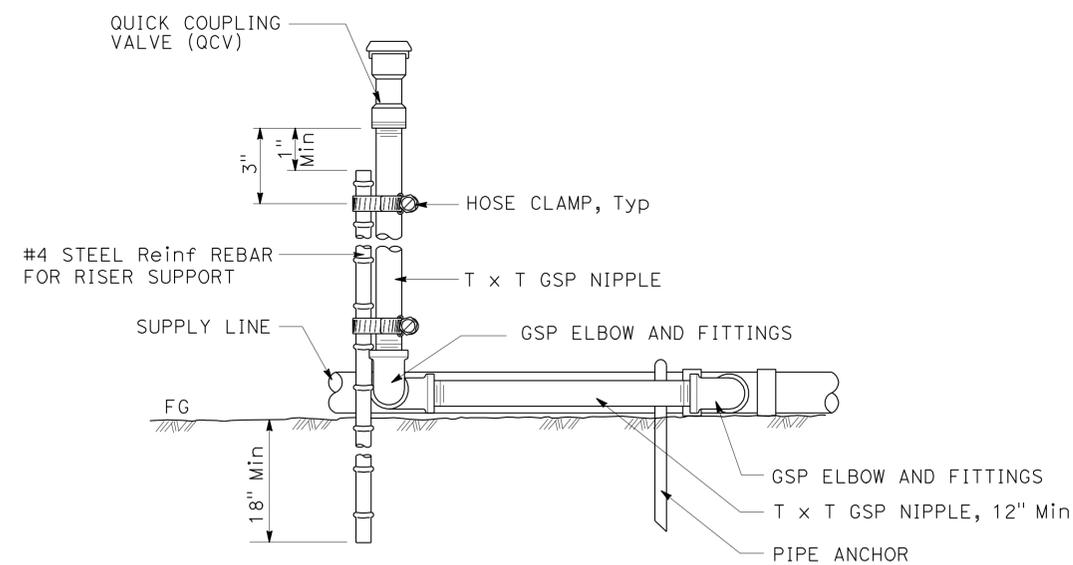
SEE SHEET IP-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	11	28

Lydia Mac
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 PLANS APPROVAL DATE
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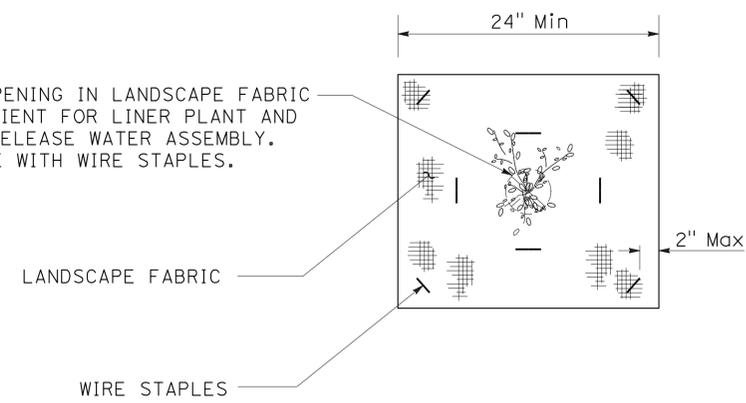
PLAN



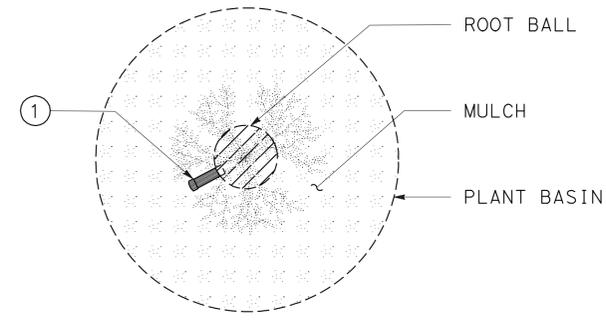
ELEVATION

QUICK COUPLING VALVE ON GRADE

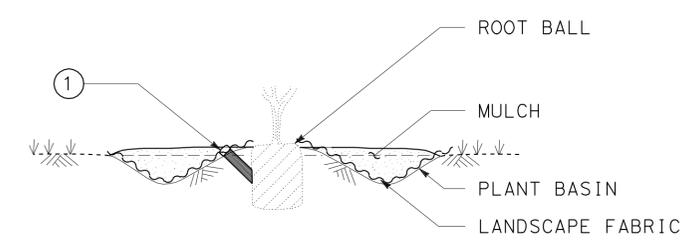
CUT OPENING IN LANDSCAPE FABRIC SUFFICIENT FOR LINER PLANT AND TIME RELEASE WATER ASSEMBLY. SECURE WITH WIRE STAPLES.



PLAN
LANDSCAPE FABRIC



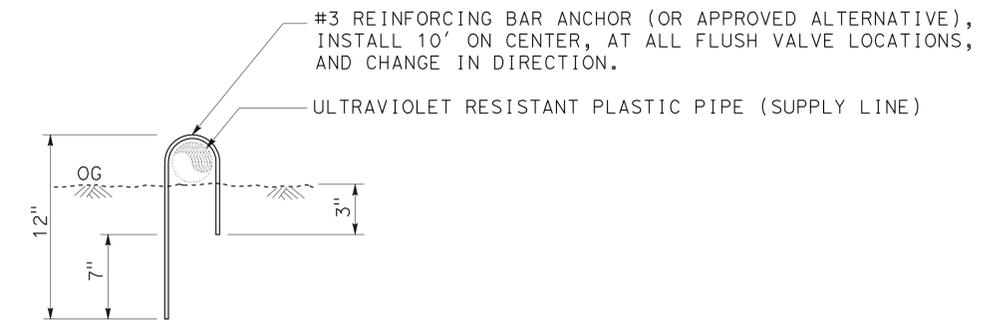
PLAN VIEW



SECTION

① TIME RELEASE WATER ASSEMBLY SHALL BE INSTALLED ONE PER PLANT FOR ALL PLANTS IN PLANT (GROUP M).
 WITHIN THE "MAINTAIN EXISTING PLANTED AREA" SHOWN ON PLANS, REPLACE 2 TIME RELEASE WATER ASSEMBLY UNITS PER PLANT AT LOCATIONS SOUTH OF REDWOOD CREEK (ON OPPOSITE SIDES OF ROOT BALL) AS NEEDED; AND REPLACE ONE PER PLANT AT LOCATIONS NORTH OF REDWOOD CREEK AS NEEDED.

TIME RELEASE WATER ASSEMBLY



SECTION

PIPE ANCHOR FOR ULTRAVIOLET RESISTANT PLASTIC PIPE

LANDSCAPE DETAILS

NO SCALE

LD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 SUSAN LINDSAY
 CALCULATED/DESIGNED BY
 CHECKED BY
 LYDIA MAC
 SUSAN LINDSAY
 REVISED BY
 DATE REVISED

SUBTOTALS PER PLAN SHEET ON MAIN SUPPLY SIDE OF VALVE

DESCRIPTION	UNIT	SHEET NUMBER										SUBTOTALS			
		IP-1	IP-2	IP-3											
CCA 1"	EA	2	-	2											4
BOOSTER PUMP															
IRRI CON CEC															
VALVES AND ASSEMBLIES QCV	EA	10	-	2											12
UVR PLASTIC PIPE SUPPLY LINE SCH 40	LF	525	-	-											525
UVR PLASTIC PIPE SUPPLY LINE SCH 40	LF	-	-	213											213
(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.															

TOTAL QUANTITIES

TOTALS	UNIT	DESCRIPTION	SPRINKLER TYPE
4	EA	1"	CCA
		ENCLOSURE BOOSTER PUMP	
			IRRI CON CEC
12	EA	3/4"	VALVES AND ASSEMBLIES
			CONDUIT
			PR 315 UVR PLASTIC PIPE SUPPLY LINE
213	LF	1"	GSP
525	LF	1 1/2"	DIP

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	12	28

Lydia Mac
 LICENSED LANDSCAPE ARCHITECT
 7-11-11
 PLANS APPROVAL DATE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	128	17.3/21.7	13	28

J.L. Struven 4-20-11
 REGISTERED CIVIL ENGINEER DATE
 7-11-11
 PLANS APPROVAL DATE

J.L. Struven
 No. 49964
 Exp. 12-31-12
 CIVIL
 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.

CONSTRUCTION AREA SIGNS

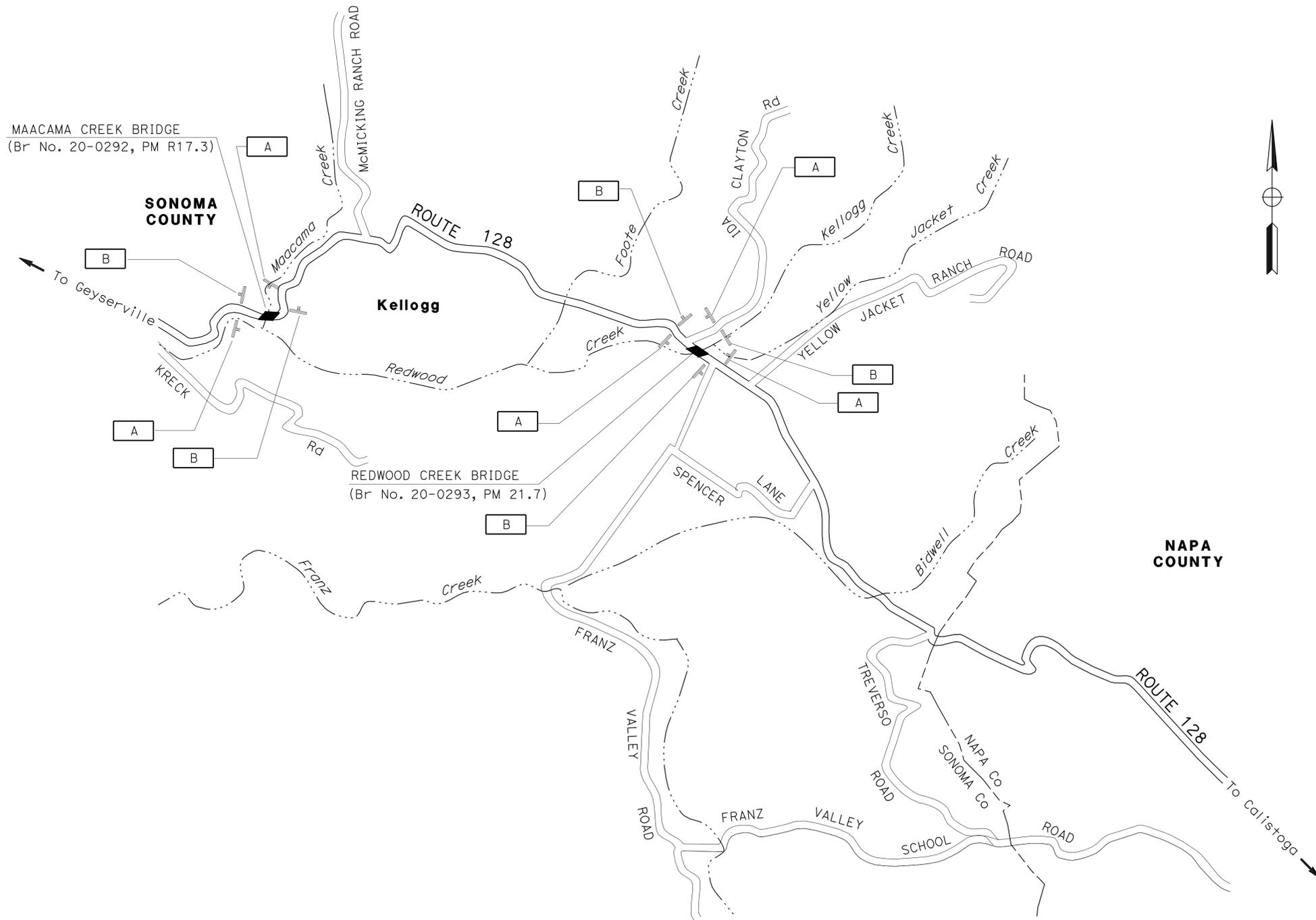
SIGN	MUTCD CODE	MESSAGE	PANEL SIZE	No. OF POSTS & SIZE	QUANTITY	REMARKS
					EA	
A	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 4" x 4"	5	(S)
B	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	5	(S)

LEGEND

- A CONSTRUCTION AREA SIGNS
- (S) DENOTES STATIONARY SIGN

NOTES:

1. EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
2. DIMENSIONS FOR SIGN PANEL, LETTERING AND POST ARE IN INCHES.



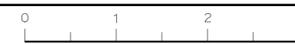
CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - OFFICE OF TRAFFIC SAFETY
 PROJECT ENGINEER: ROLAND AU-YEUNG
 CALCULATED/DESIGNED BY: JERILYN STRUVEN
 CHECKED BY: JERILYN STRUVEN
 REVISOR: STEPHEN LAU
 DATE REVISOR: JERILYN STRUVEN



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	14	28

Gregory A. Balzer
LICENSED LANDSCAPE ARCHITECT

June 5, 2009
PLANS APPROVAL DATE

Gregory A. Balzer
LICENSED LANDSCAPE ARCHITECT
2-28-11
5-14-09
date

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11

2006 REVISED STANDARD PLAN RSP H1

A

AB aggregate base
 ABS acrylonitrile-butadiene-styrene
 AC asphalt concrete
 Adj adjacent/adjustable
 AIC auxiliary irrigation controller
 Alt alternative
 AMEND amendment
 ARV air release valve
 AUTO automatic
 AUX auxiliary
 AVB atmospheric vacuum breaker

B

B&B balled and burlapped
 B/B brass/bronze
 B/B/PL brass/bronze/plastic
 B/PL brass/plastic
 BFM bonded fiber matrix
 Bit Ctd bituminous coated
 BP booster pump
 BPA backflow preventer assembly
 BPAE backflow preventer assembly in enclosure
 BPE backflow preventer enclosure
 BV ball valve

C

CAP corrugated aluminum pipe
 CARV combination air release valve
 CCA cam coupler assembly
 CEC controller enclosure cabinet
 CHDPE corrugated high density polyethylene
 CL chain link
 CNC control and neutral conductors
 Conc concrete
 Cond conduit
 CSP corrugated steel pipe
 CST center strip
 CV check valve

D

Dia diameter
 DIP ductile iron pipe
 DN diameter nominal

E

EA each
 Elect electric/electrical
 Elev elevation
 ENCL enclosure
 EP edge of pavement
 ES edge of shoulder
 EST end strip
 ESTB establishment
 ETW edge of traveled way

F

F full circle
 F/P full/part circle
 FAU filter assembly unit
 FCV flow control valve
 FERT fertilizer
 FG finished grade
 FIPT female iron pipe thread
 FIS fertilizer injector system
 FL flow line
 FM flow monitor
 FS flow sensor
 Ft foot/feet
 FV flush valve

G

GAL Gallon(s)
 Galv galvanized
 GARV garden valve
 GPH gallons per hour
 GPM gallons per minute
 GSP galvanized steel pipe
 GV gate valve

H

H half circle
 HB hose bib
 HDPE high density polyethylene
 HP horsepower/hinge point
 HPL high pressure line
 Hwy highway

I

IC irrigation controller
 ICC irrigation controller(s) in controller enclosure cabinet
 ID inside diameter
 In inches
 IFS irrigation filtration system
 IPS iron pipe size
 IPT iron pipe thread
 Irr irrigation

L

L length
 LF linear foot

M

Max maximum
 MBGR metal beam guard railing
 MCV manual control valve
 MIC master irrigation controller
 Min minimum
 MIPT male iron pipe thread
 Misc miscellaneous
 Mtl material
 MVP maintenance vehicle pullout

N

NCN no common name
 NL nozzle line
 No. number
 NPT national pipe thread

O

O/C on center
 OD outside diameter
 Oz ounce

P

P part circle
 PB pull box
 PCC portland cement concrete
 PE polyethylene
 Pkt packet
 PL plastic
 PLT plant/planting
 PLT ESTB plant establishment
 PM post mile
 PR pressure rated
 PRLV pressure relief valve
 PSFM polymer stabilized fiber matrix
 PSI pounds per square inch
 PRV pressure reducing valve
 PVC polyvinyl chloride
 Pvmt pavement

Q

Q quarter circle
 QCV quick coupling valve

R

R radius
 RCP reinforced concrete pipe
 RCV remote control valve
 RCVM remote control valve (master)
 RCVMF remote control valve (master) w/ flow meter
 RCW recycled/reclaimed water
 RECP rolled erosion control product
 REQ required
 R/W right of way

S

S slip
 SCC sprinkler control conduit
 SCH schedule
 SF state-furnished
 Shld shoulder
 SQFT square foot/feet
 SQYD square yard(s)
 SST side strip
 Sta station
 Std standard
 SW sidewalk/sound wall

T

T third circle/thread
 TLS truck loading standpipe
 TQ three quarter circle
 TRM turf reinforcement mat
 TRVD traveled
 TT two third circle
 Typ typical

U

UG underground

V

VAU valve assembly unit

W

W width
 W/ with
 WM water meter
 WS wye strainer
 WSP welded steel pipe
 WWM welded wire mesh

NOTE:

FOR ADDITIONAL ABBREVIATIONS,
 SEE STANDARD PLANS A10A AND A10B.

**PLANTING AND IRRIGATION
 ABBREVIATIONS**

NO SCALE

RSP H1 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H1
 DATED MAY 1, 2006 - PAGE 201 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	15	28

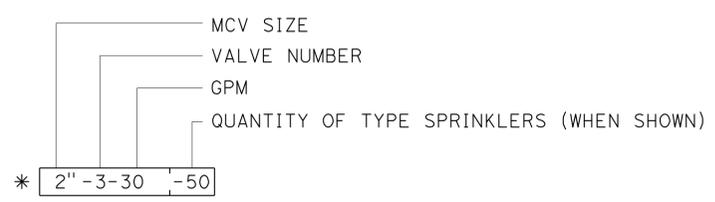
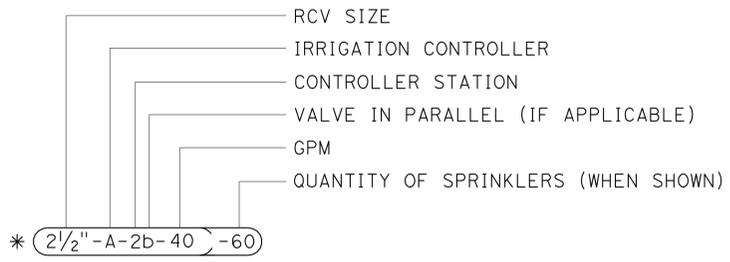
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11

EXISTING	PROPOSED	ITEM DESCRIPTION
		WATER METER (WM)
		BACKFLOW PREVENTER ASSEMBLY (BPA)
		BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (BPAE)
		BACKFLOW PREVENTER ENCLOSURE (BPE)
		BOOSTER PUMP (BP)
		TRUCK LOADING STANDPIPE (TLS)
		FLOW SENSOR (FS)
		MASTER IRRIGATION CONTROLLER (MIC)
		AUXILIARY IRRIGATION CONTROLLER (AIC)
		IRRIGATION CONTROLLER (IC)/ IRRIGATION CONTROLLER (IC) (BATTERY) IRRIGATION CONTROLLER (IC) (SOLAR)
		IRRIGATION CONTROLLER(S) IN CONTROLLER ENCLOSURE CABINET (ICC)
		CONTROL AND NEUTRAL CONDUCTORS (CNC)
		SPRINKLER CONTROL CONDUIT (SCC)
		IRRIGATION CROSSOVER
		EXTEND IRRIGATION CROSSOVER
		IRRIGATION SLEEVE
		DUCTILE IRON PIPE (SUPPLY LINE) (MAIN) (DIP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (MAIN) (GSP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (LATERAL) (GSP)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (MAIN)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (LATERAL)
		PLASTIC PIPE (IRRIGATION LINE)
		REMOTE CONTROL VALVE (RCV) REMOTE CONTROL VALVE (MASTER) (RCVM) REMOTE CONTROL VALVE (MASTER) W/FLOW METER (RCVMF)
		MANUAL CONTROL VALVE (MCV)
		VALVE ASSEMBLY UNIT (VAU)
		WYE STRAINER (WS)
		FILTER ASSEMBLY UNIT (FAU)
		GATE VALVE (GV)
		BALL VALVE (BV)

EXISTING	PROPOSED	ITEM DESCRIPTION
		QUICK COUPLING VALVE (QCV)
		CAM COUPLER ASSEMBLY (CCA)
		PRESSURE REDUCING VALVE (PRV)
		PRESSURE RELIEF VALVE (PRLV)
		FLOW CONTROL VALVE (FCV)
		COMBINATION AIR RELEASE VALVE (CARV)
		CHECK VALVE (CV)
		FLUSH VALVE (FV)
		NOZZLE LINE W/TURNING UNION
		IRRIGATION SYSTEM
		IRRIGATION SYSTEM TO BE REMOVED
		CHAIN LINK GATE
		QUICK COUPLING VALVE W/SPRINKLER PROTECTOR
		SPRINKLER W/SPRINKLER PROTECTOR
		CONNECT TO EXISTING SYSTEM
		CAP
		CAP EXISTING

VALVE CODE



* VALVE CODES FOR EXISTING VALVES ARE SHOWN IN A DASHED ENCLOSURE.

PLANTING AND IRRIGATION SYMBOLS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

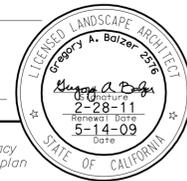
RSP H2 DATED JUNE 5, 2009 SUPERSEDES RSP H2 DATED MARCH 7, 2008 AND STANDARD PLAN H2 DATED MAY 1, 2006 - PAGE 202 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H2

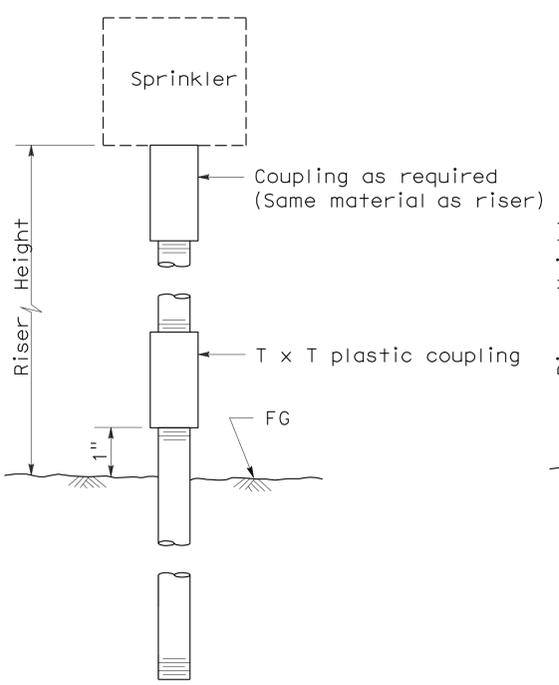
2006 REVISED STANDARD PLAN RSP H2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	16	28

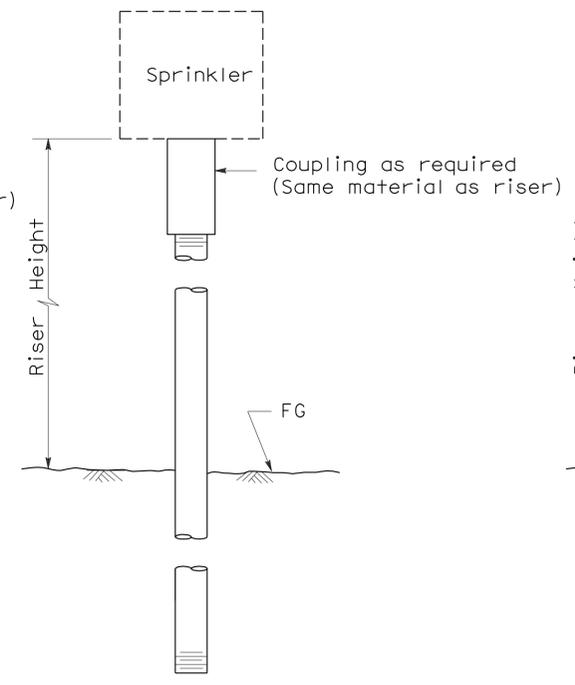
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
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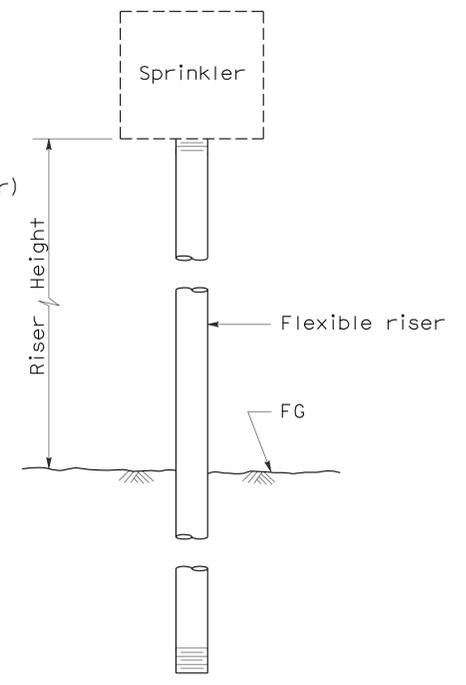
To accompany plans dated 7-11-11



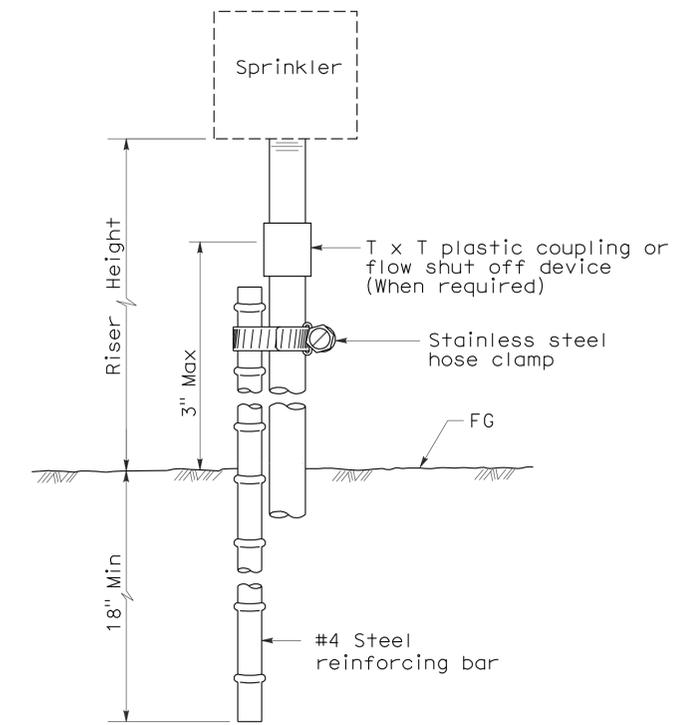
ELEVATION
RISER TYPE I



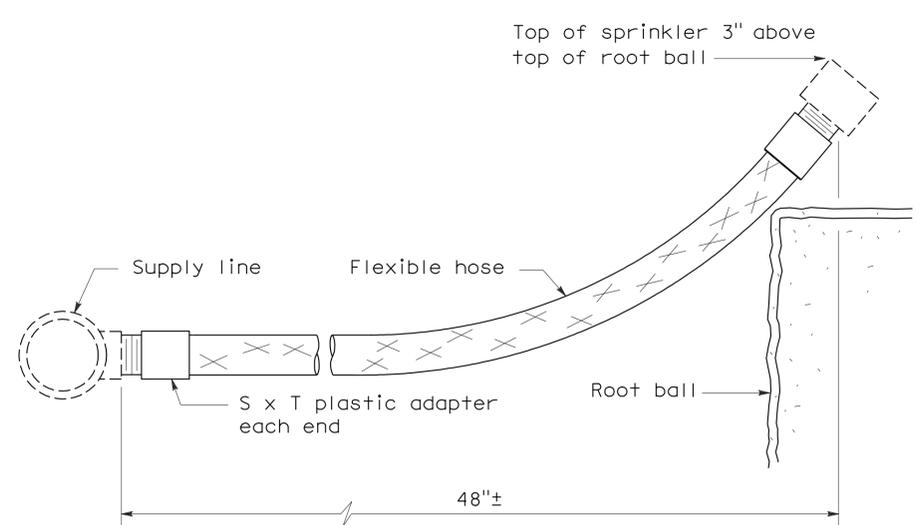
ELEVATION
RISER TYPE II



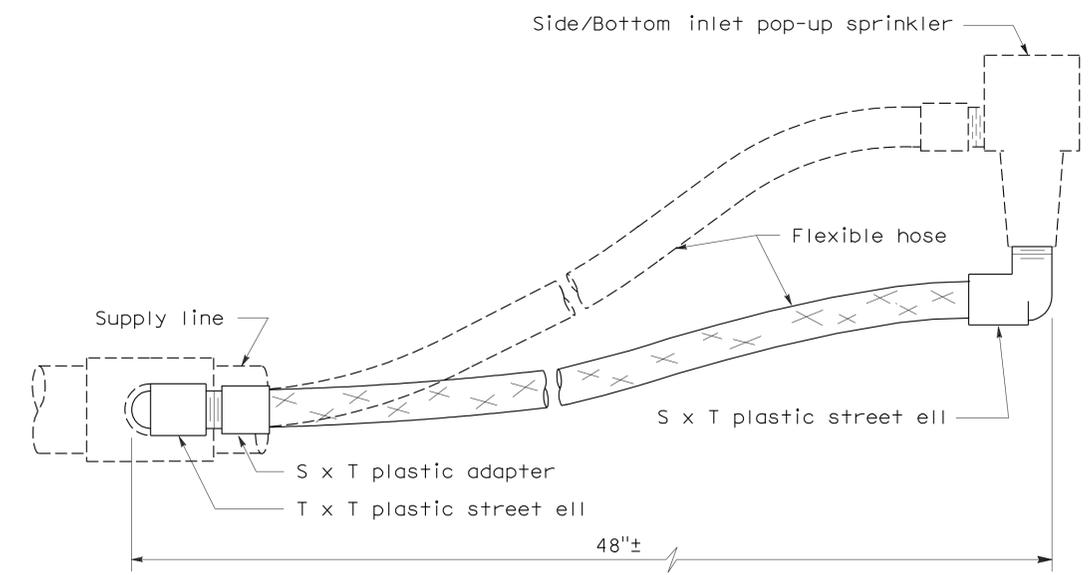
ELEVATION
RISER TYPE III



ELEVATION
RISER TYPE IV



ELEVATION
RISER TYPE V



ELEVATION
RISER TYPE VI

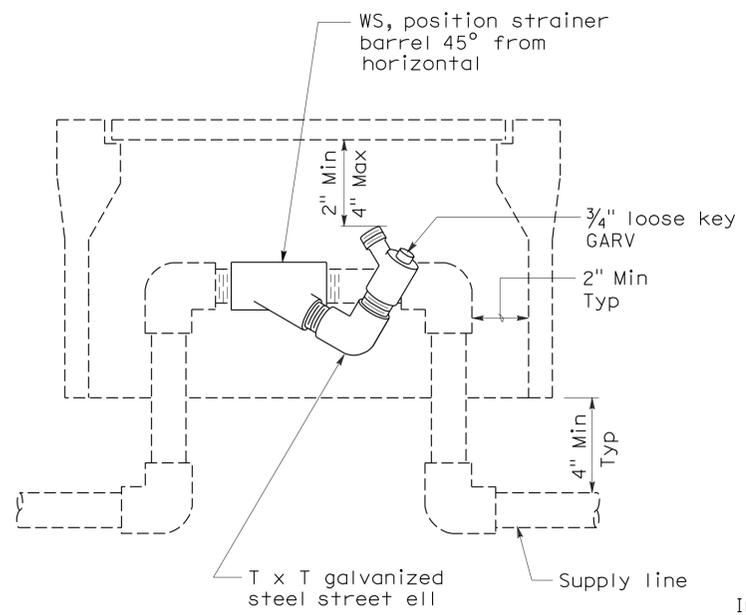
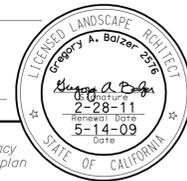
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
DETAILS**
NO SCALE

RSP H5 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H5
DATED MAY 1, 2006 - PAGE 205 OF THE STANDARD PLANS BOOK DATED MAY 2006.

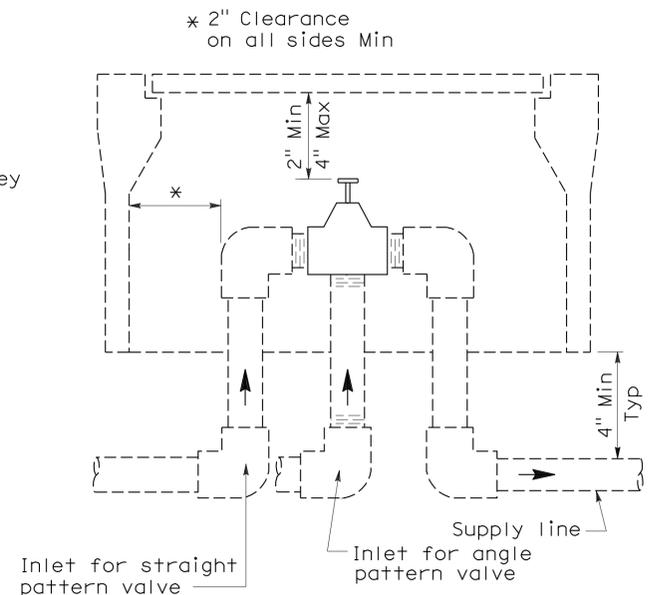
2006 REVISED STANDARD PLAN RSP H5

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	17	28

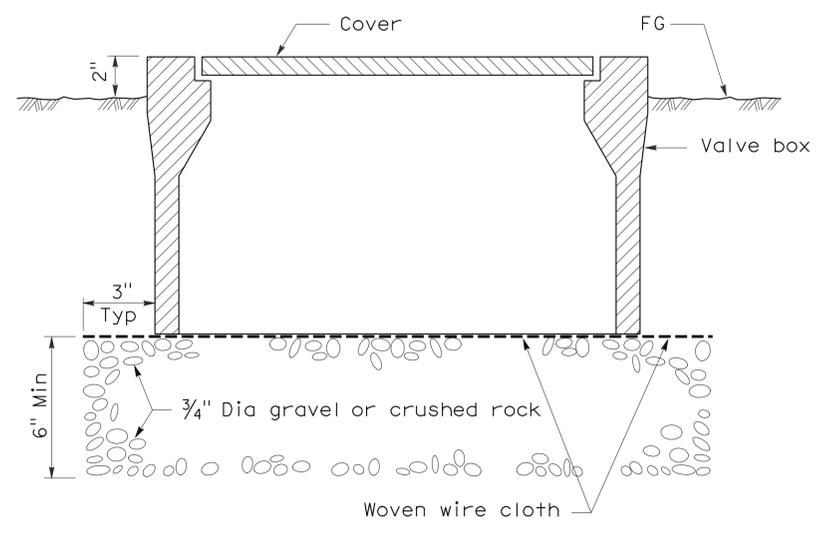
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
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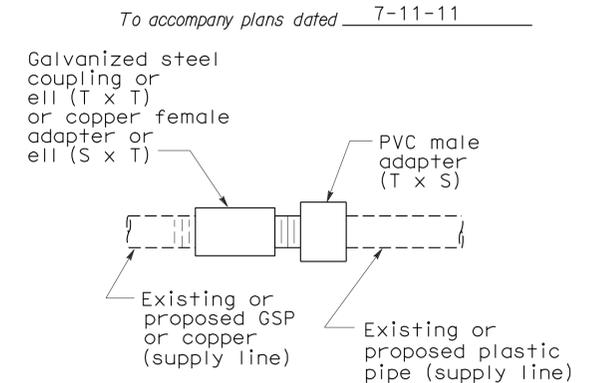
**ELEVATION
WYE STRAINER**



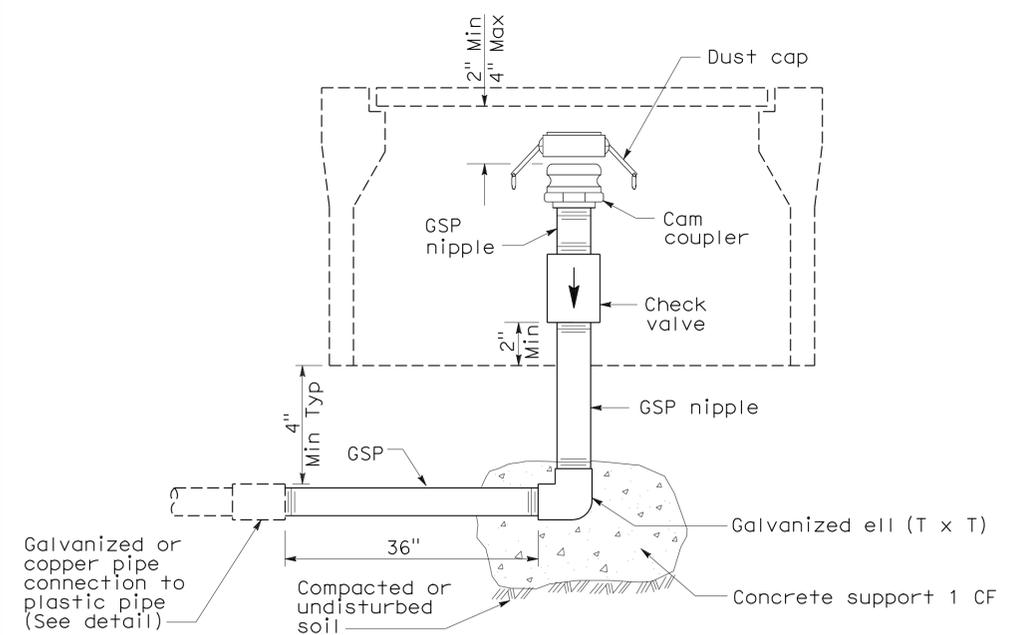
**ELEVATION
VALVE**



**SECTION
VALVE BOX**

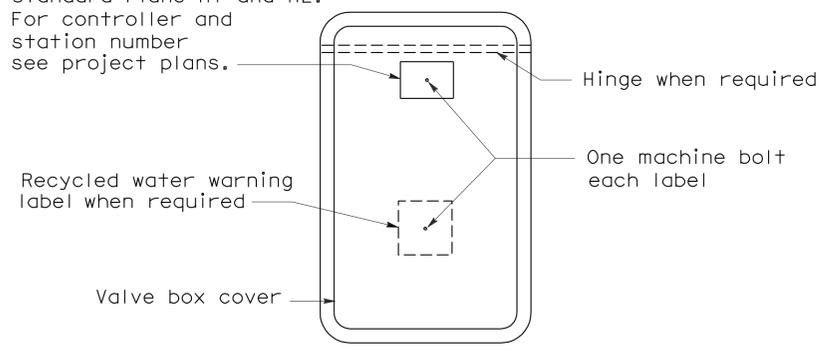


**PLAN
GALVANIZED OR COPPER PIPE
CONNECTION TO PLASTIC PIPE**

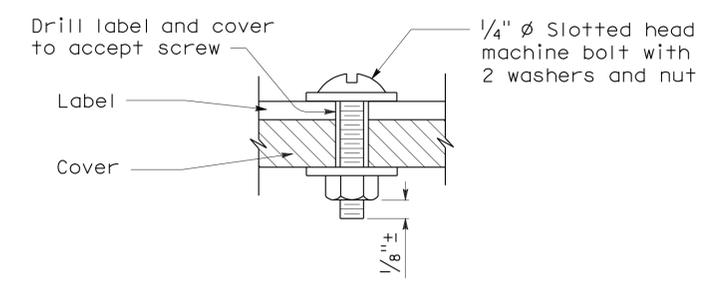


**ELEVATION
CAM COUPLER ASSEMBLY**

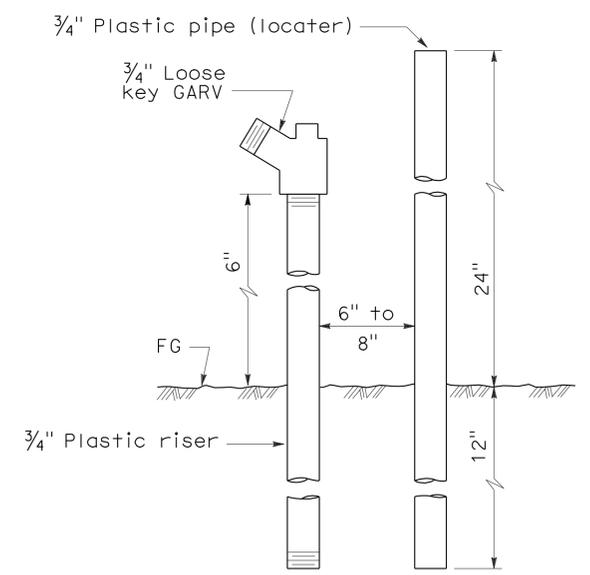
Identification label:
 For abbreviations see Revised Standard Plans H1 and H2.
 For controller and station number see project plans.



PLAN



**SECTION
VALVE BOX IDENTIFICATION**



**ELEVATION
FLUSH VALVE**

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

**PLANTING AND IRRIGATION
 DETAILS**

NO SCALE

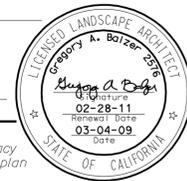
RSP H7 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H7
 DATED MAY 1, 2006 - PAGE 207 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H7

2006 REVISED STANDARD PLAN RSP H7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	18	28

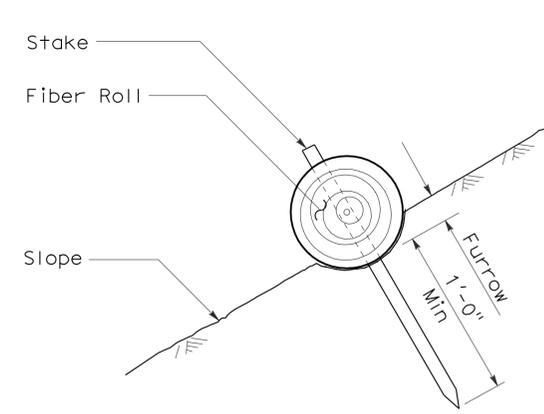
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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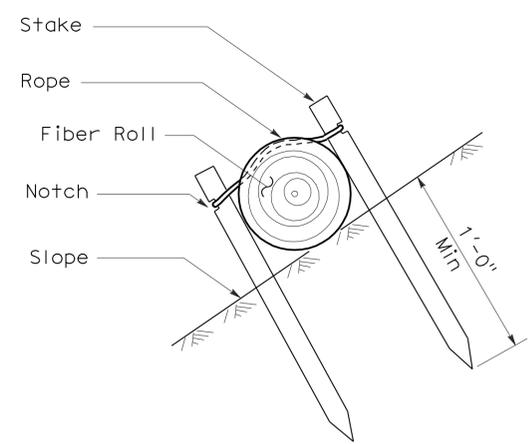
To accompany plans dated 7-11-11

NOTES:

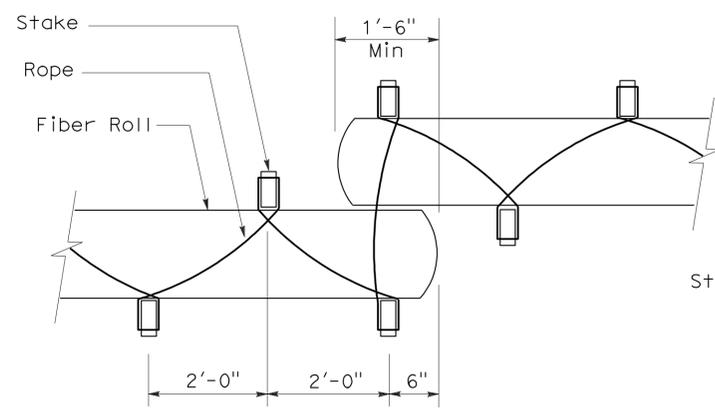
1. Fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



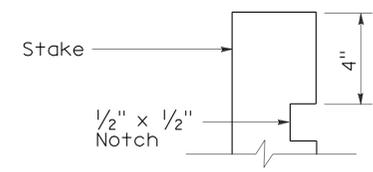
SECTION
FIBER ROLL
(TYPE 1)



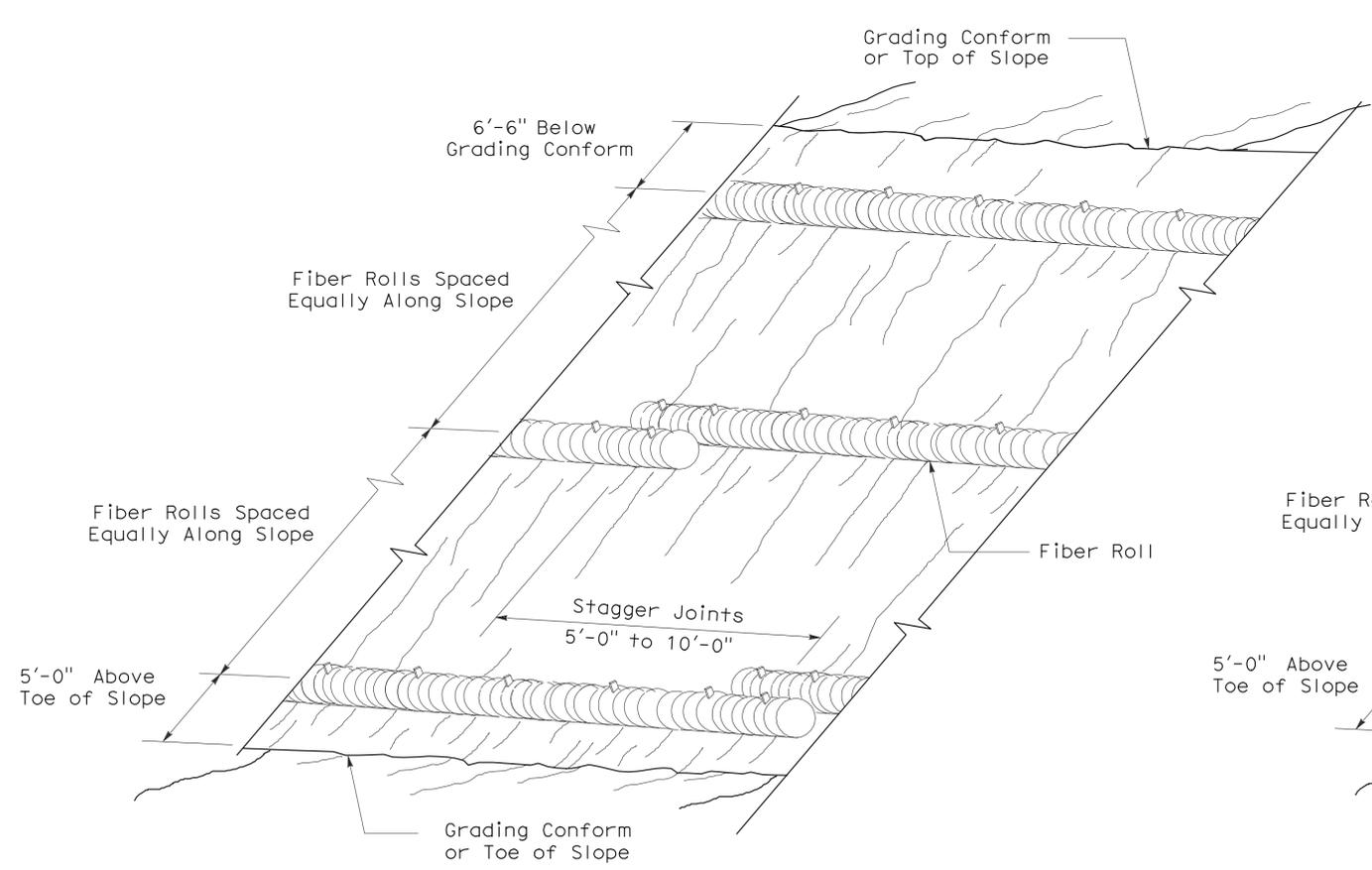
SECTION



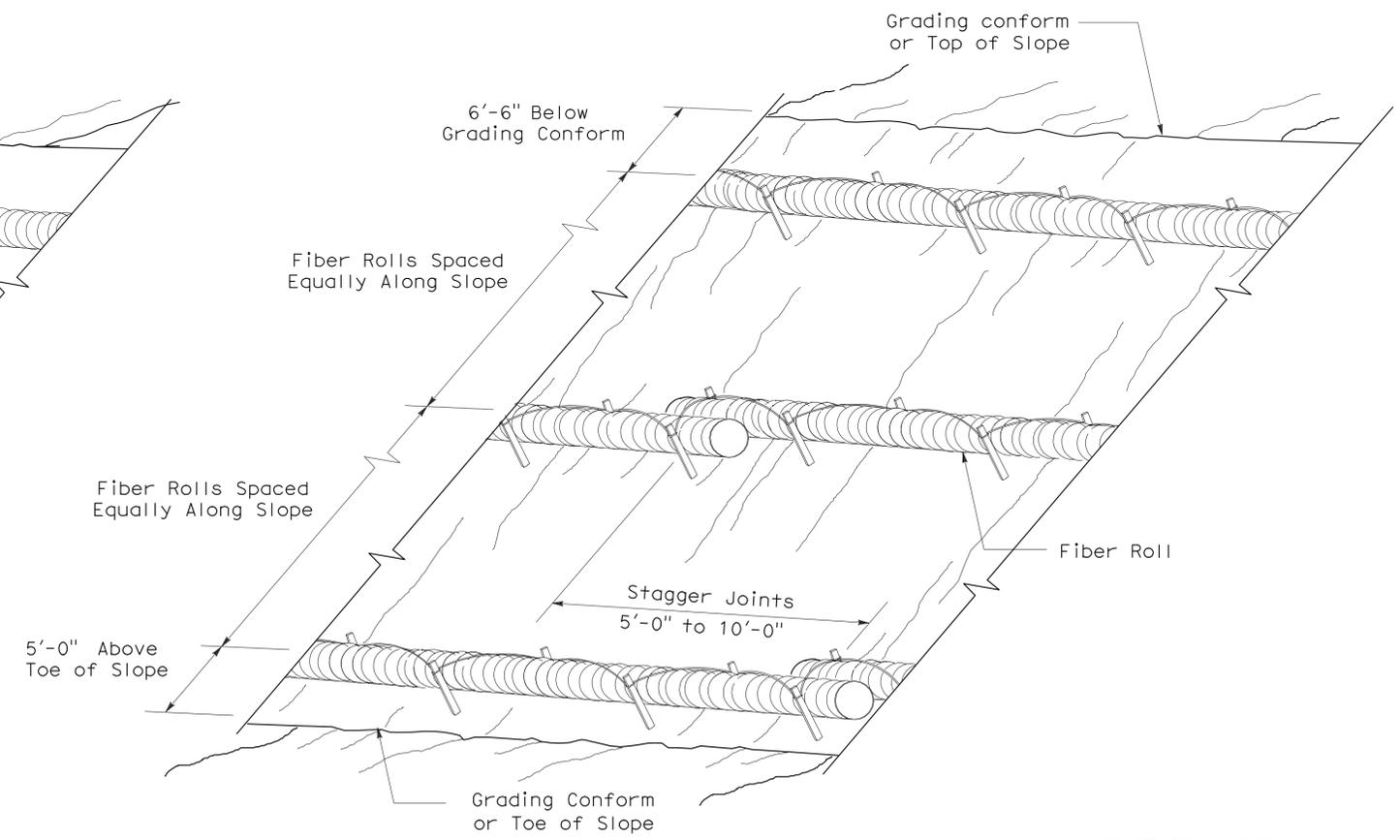
PLAN



ELEVATION
STAKE NOTCH DETAIL



PERSPECTIVE
FIBER ROLL (TYPE 1)



PERSPECTIVE
FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
EROSION CONTROL DETAILS
(FIBER ROLL)

NO SCALE

RNSP H51 DATED APRIL 3, 2009 SUPERSEDES NSP H51 DATED DECEMBER 1, 2006 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 REVISED NEW STANDARD PLAN RNSP H51

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	19	28

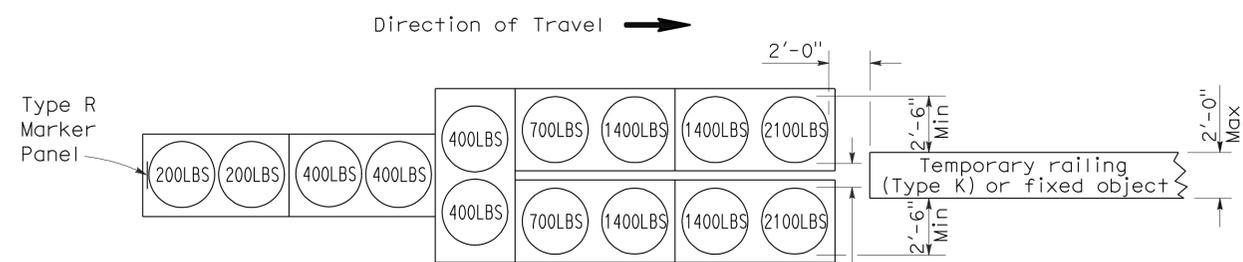
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

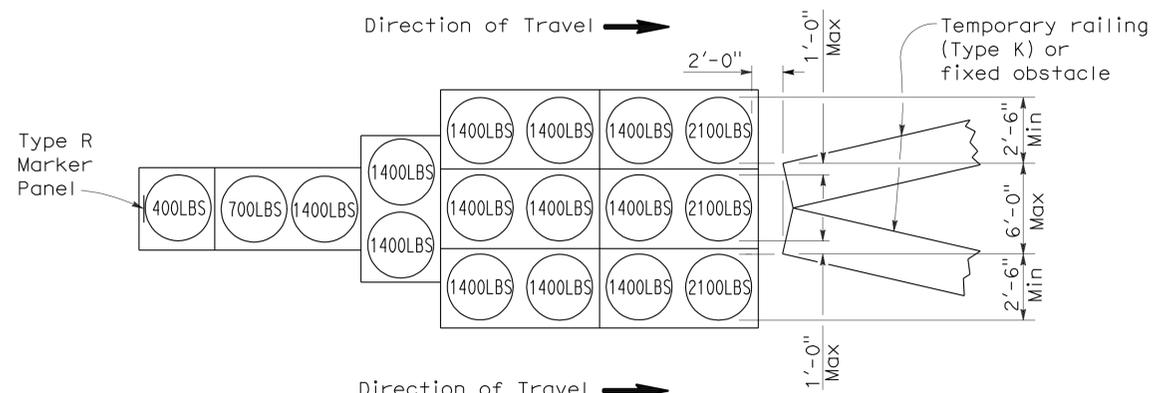
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11



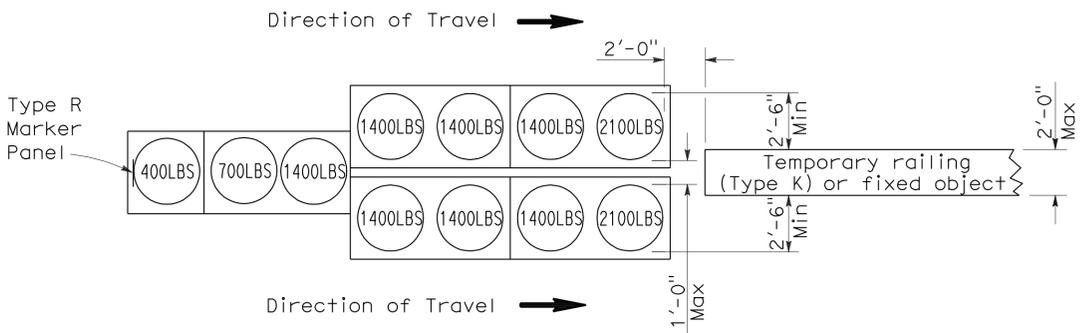
ARRAY 'TU14'

Approach speed 45 mph or more



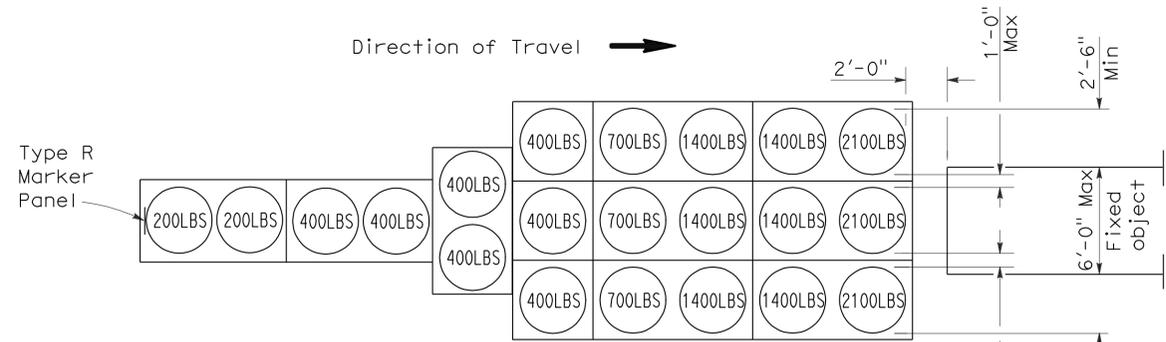
ARRAY 'TU17'

Approach speed less than 45 mph



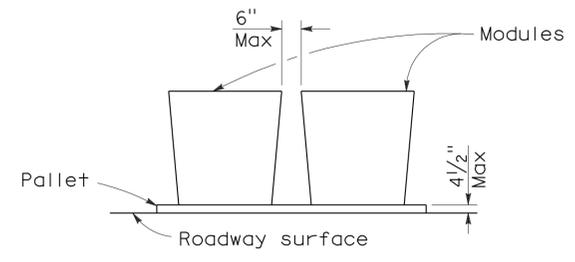
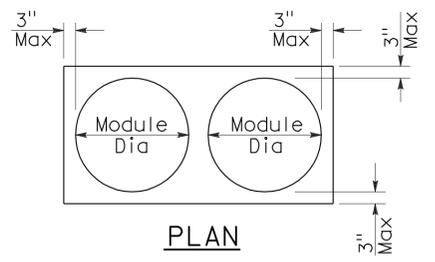
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

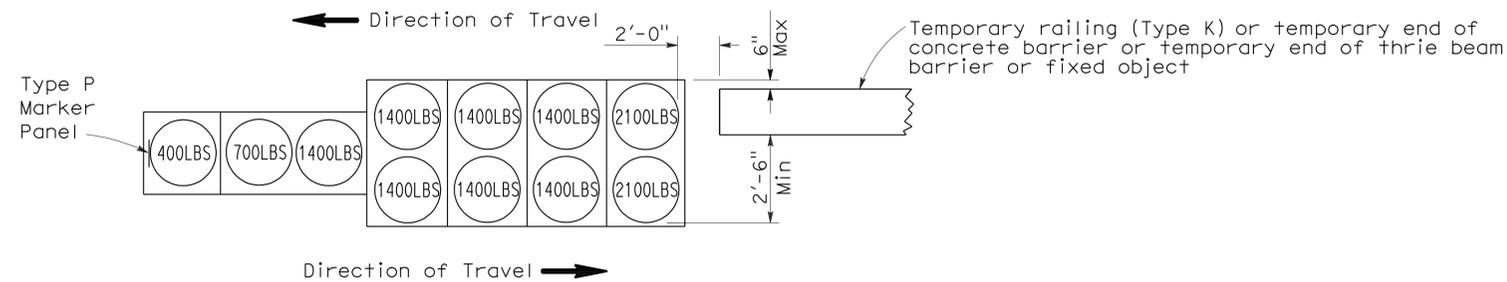
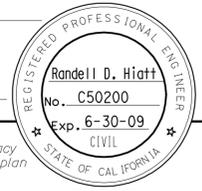
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	20	28

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

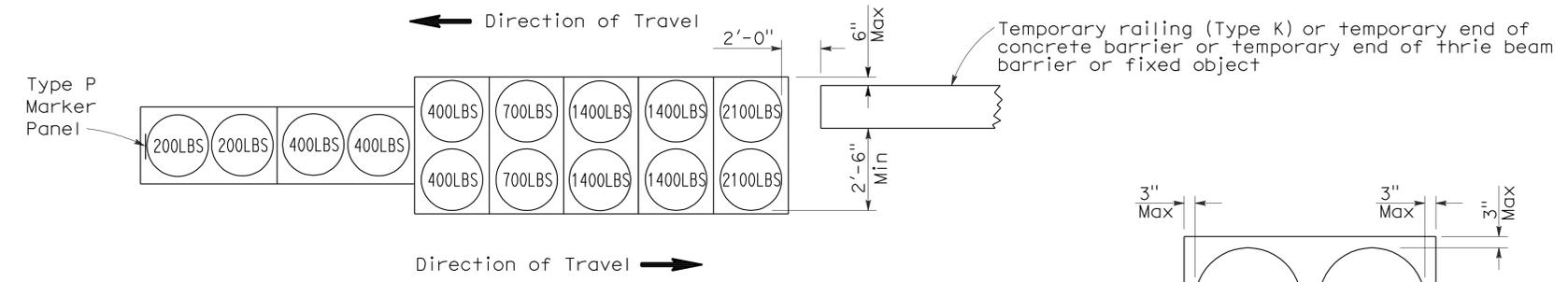
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11



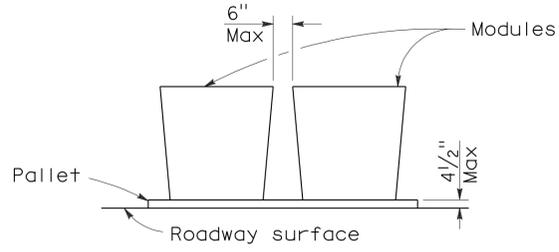
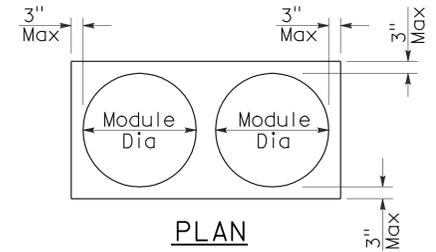
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	21	28

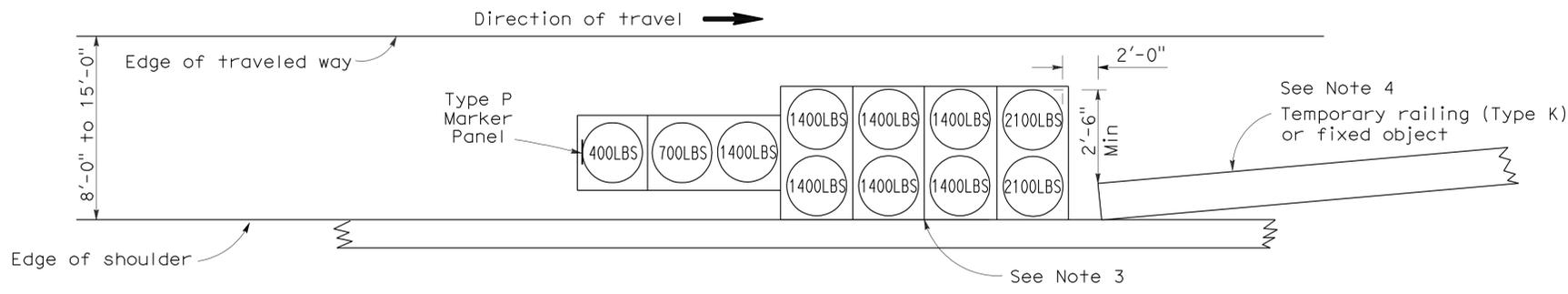
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

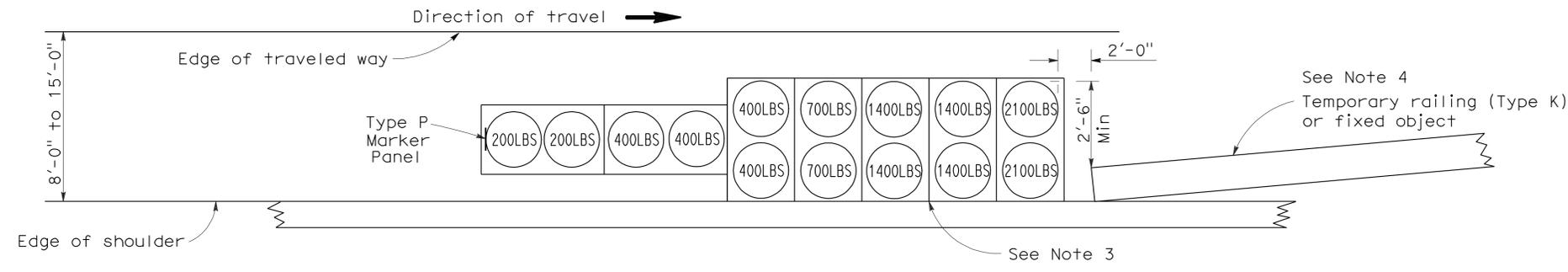
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11



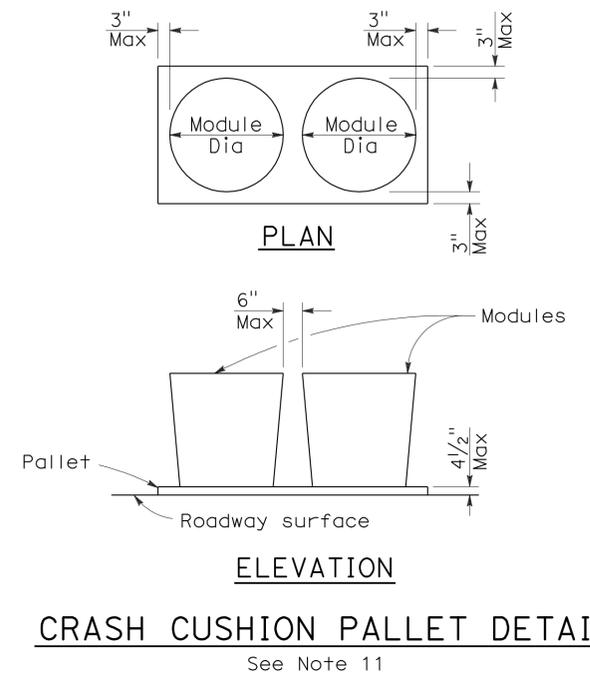
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE

RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

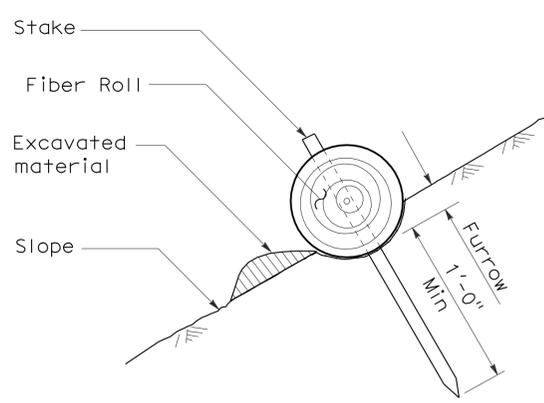
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

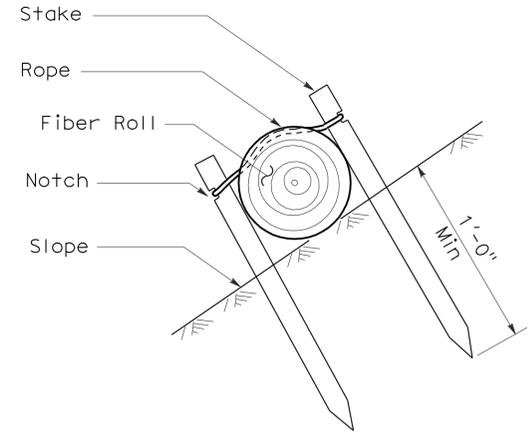
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	22	28

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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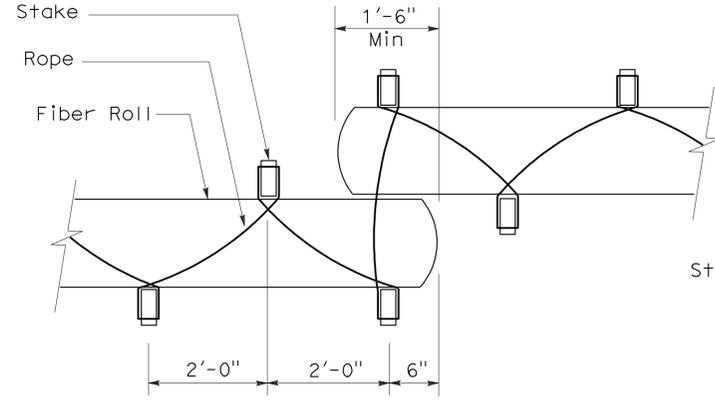
To accompany plans dated 7-11-11



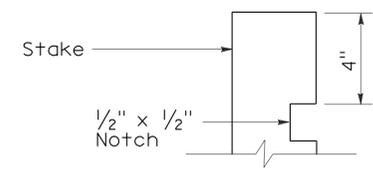
SECTION
TEMPORARY FIBER ROLL (TYPE 1)



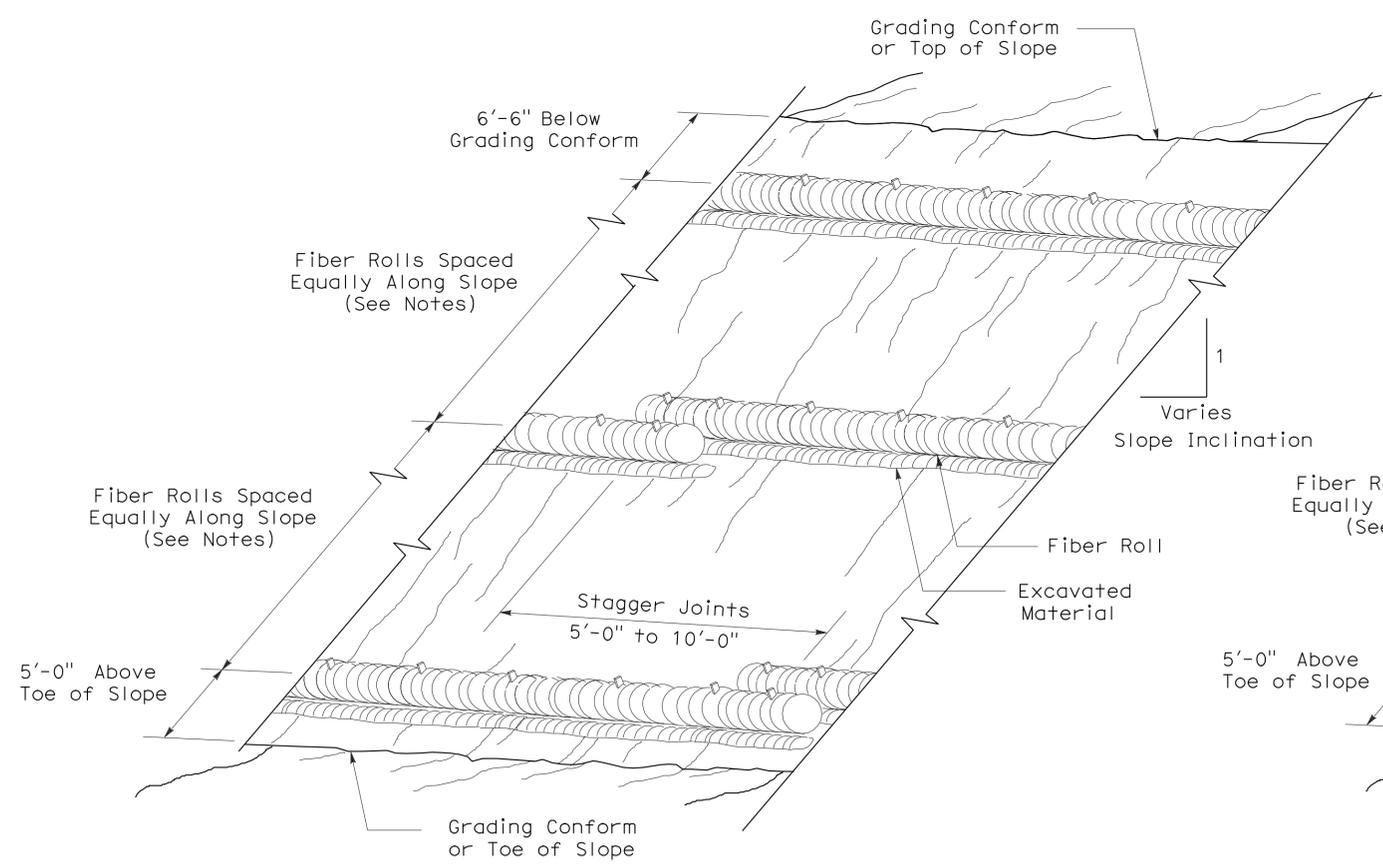
SECTION
TEMPORARY FIBER ROLL (TYPE 2)



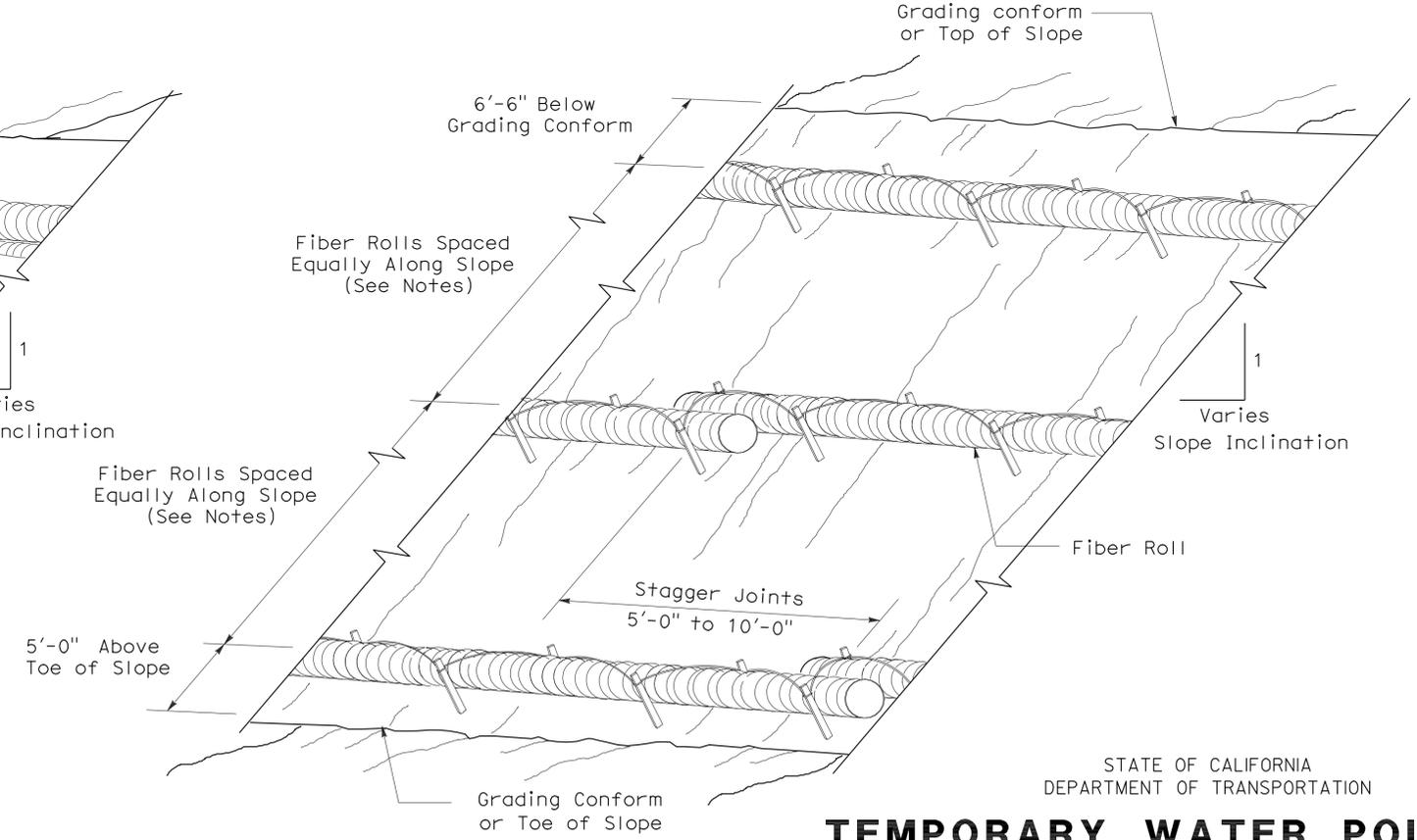
PLAN
ELEVATION
STAKE NOTCH DETAIL



- NOTES:**
1. Temporary fiber roll spacing varies depending upon slope inclination.
 2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 1)



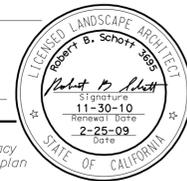
PERSPECTIVE
TEMPORARY FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)
 NO SCALE

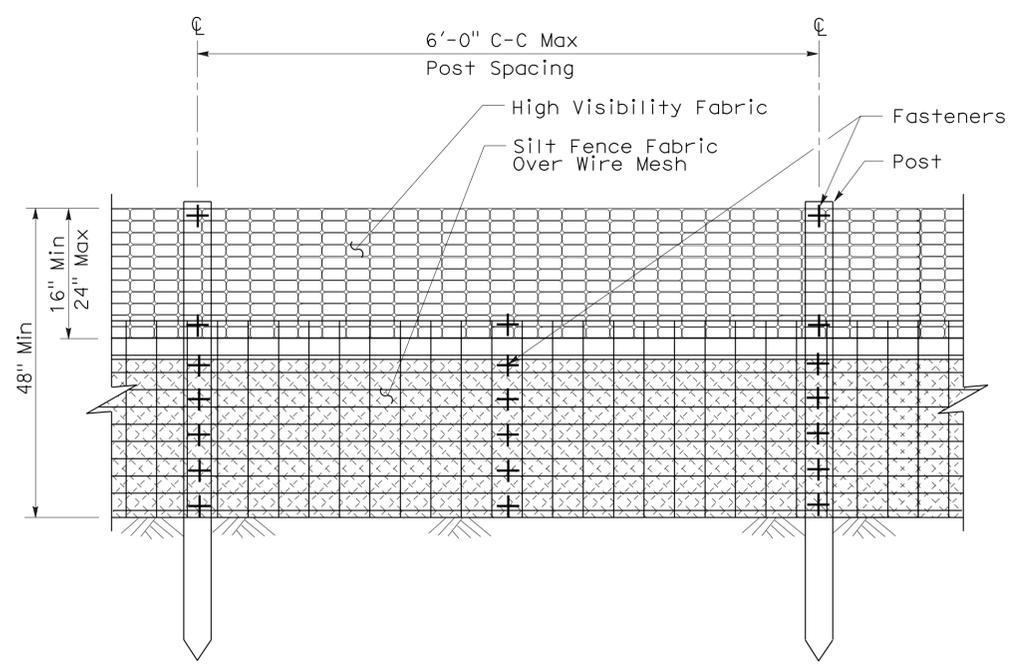
2006 REVISED STANDARD PLAN RSP T56

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	23	28

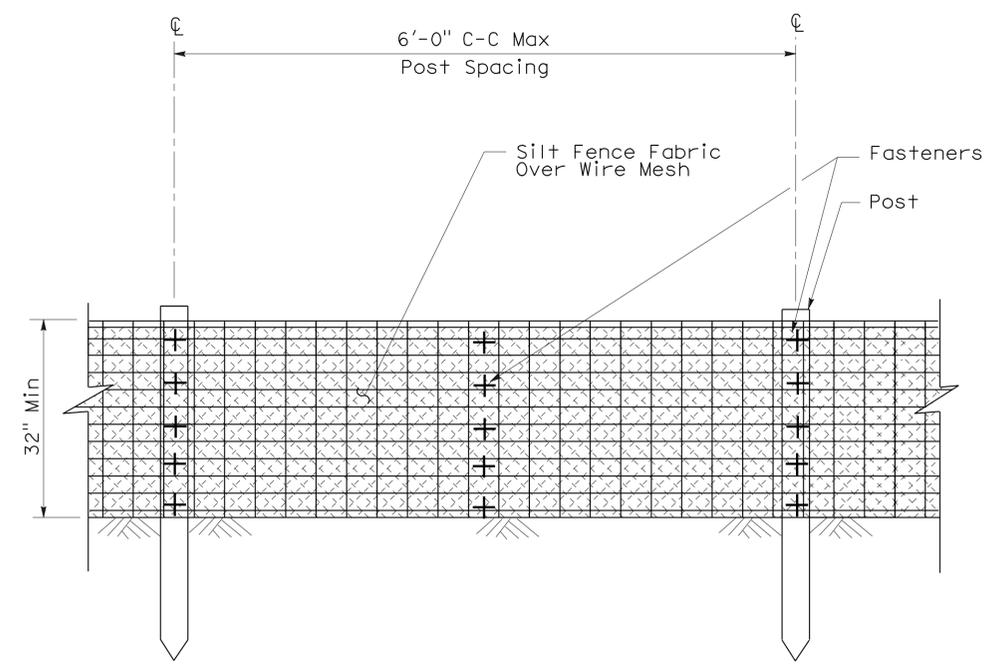
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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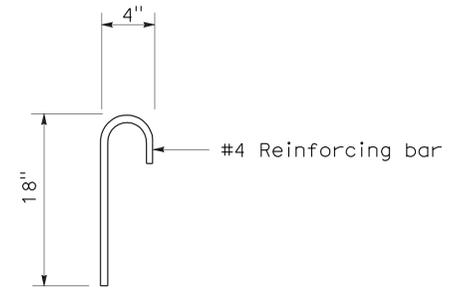
To accompany plans dated 7-11-11



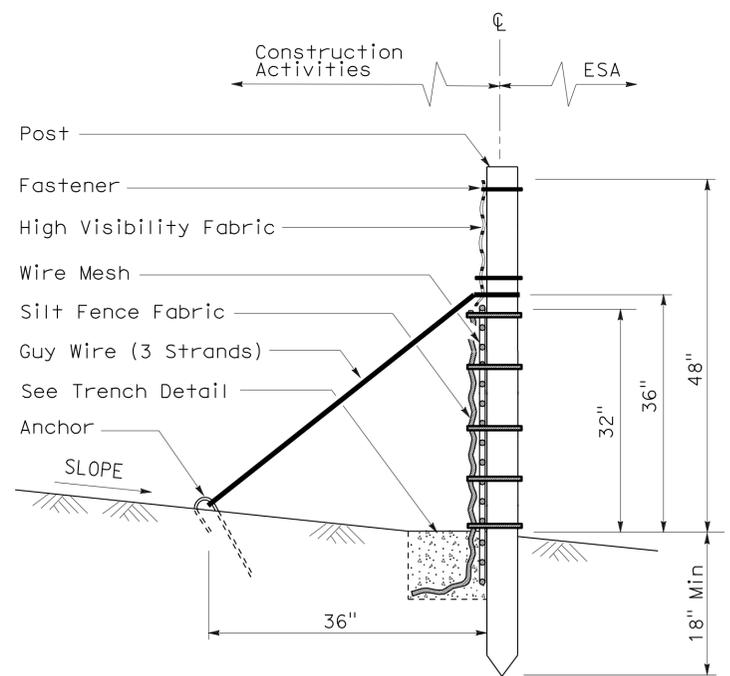
ELEVATION



ELEVATION

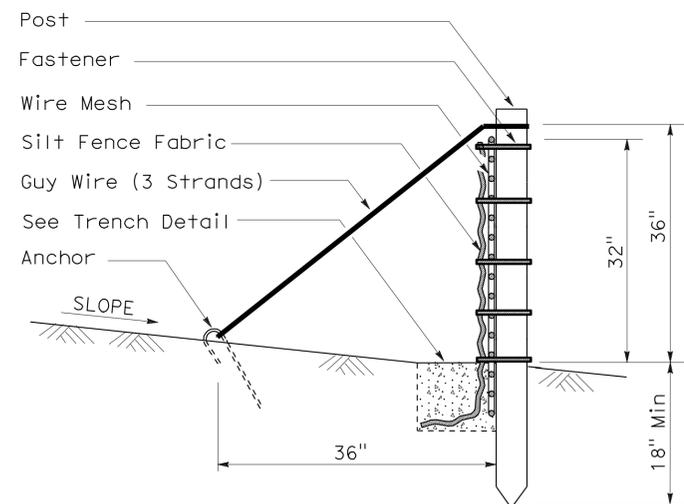


ANCHOR



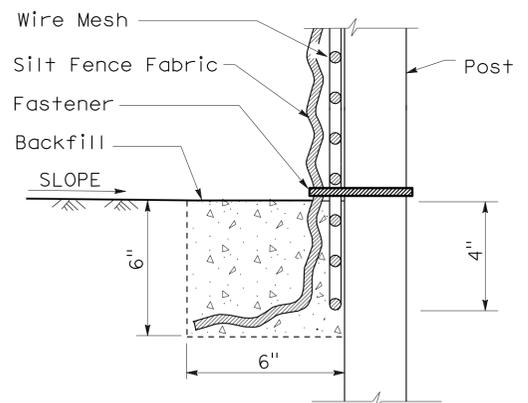
SECTION

TEMPORARY REINFORCED SILT FENCE (TYPE 1)



SECTION

TEMPORARY REINFORCED SILT FENCE (TYPE 2)



SECTION
TRENCH DETAIL

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
(TEMPORARY REINFORCED SILT FENCE)
 NO SCALE
 NSP T60 DATED APRIL 3, 2009 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T60

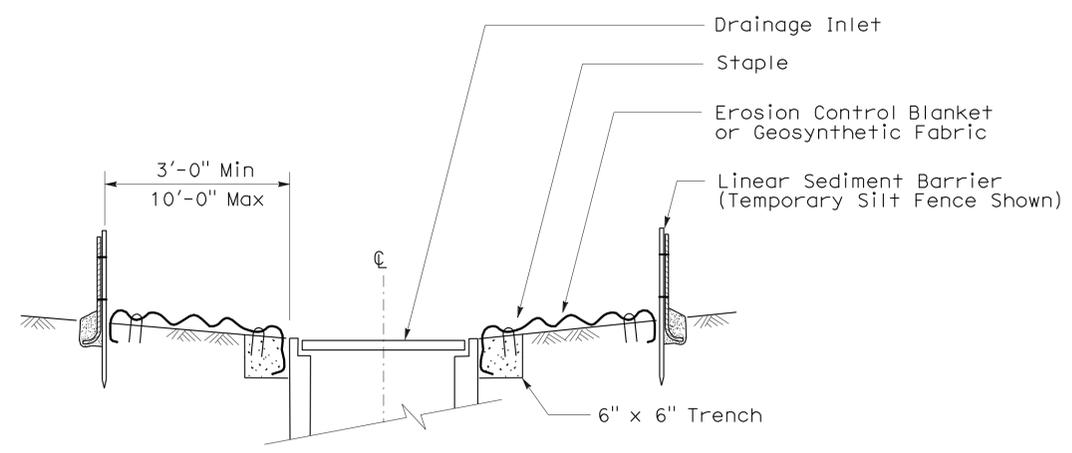
2006 NEW STANDARD PLAN NSP T60

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	24	28

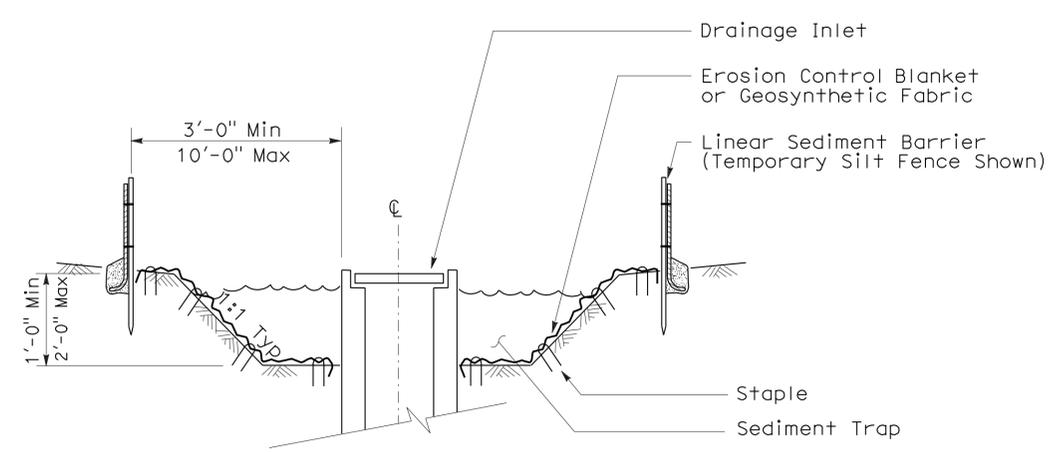
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS Approval DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-11-11

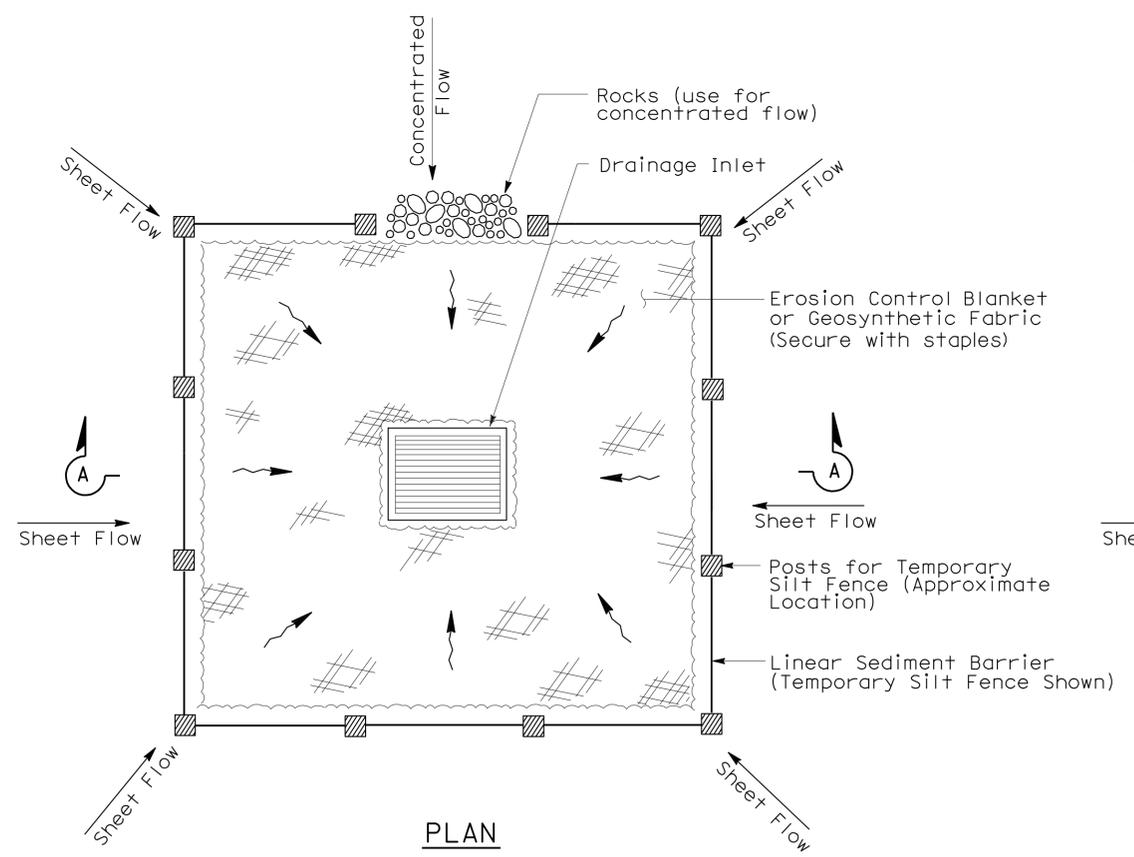
- NOTES:**
1. See Standard Plan T51 for Temporary Silt Fence.
 2. Dimensions may vary to fit field conditions.



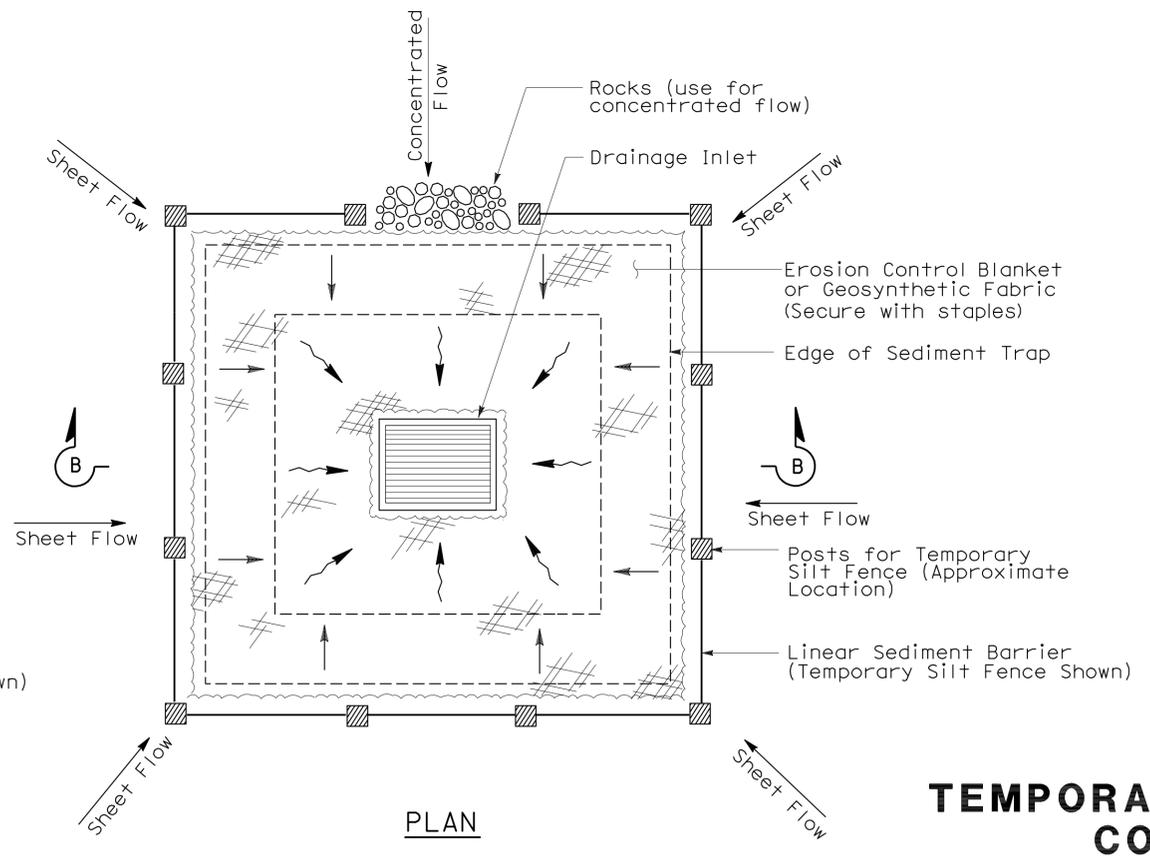
SECTION A-A



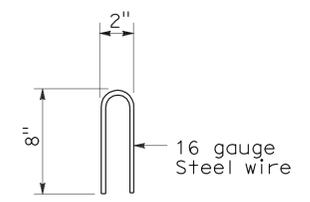
SECTION B-B



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)



STAPLE DETAIL

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)
 NO SCALE

NSP T61 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T61

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	25	28

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS APPROVAL DATE
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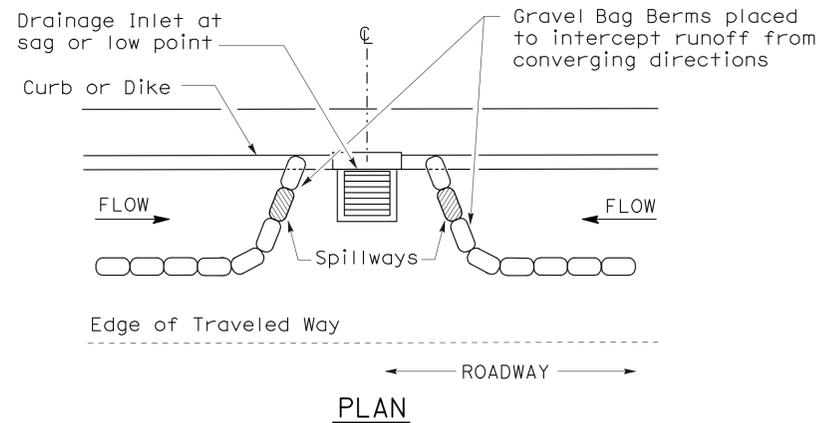
To accompany plans dated 7-11-11

2006 NEW STANDARD PLAN NSP T62

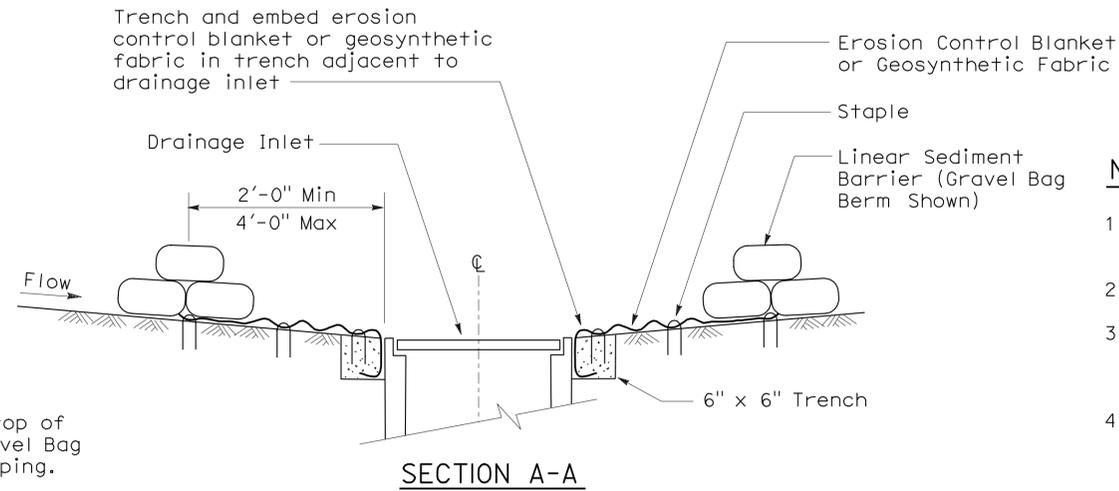
GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



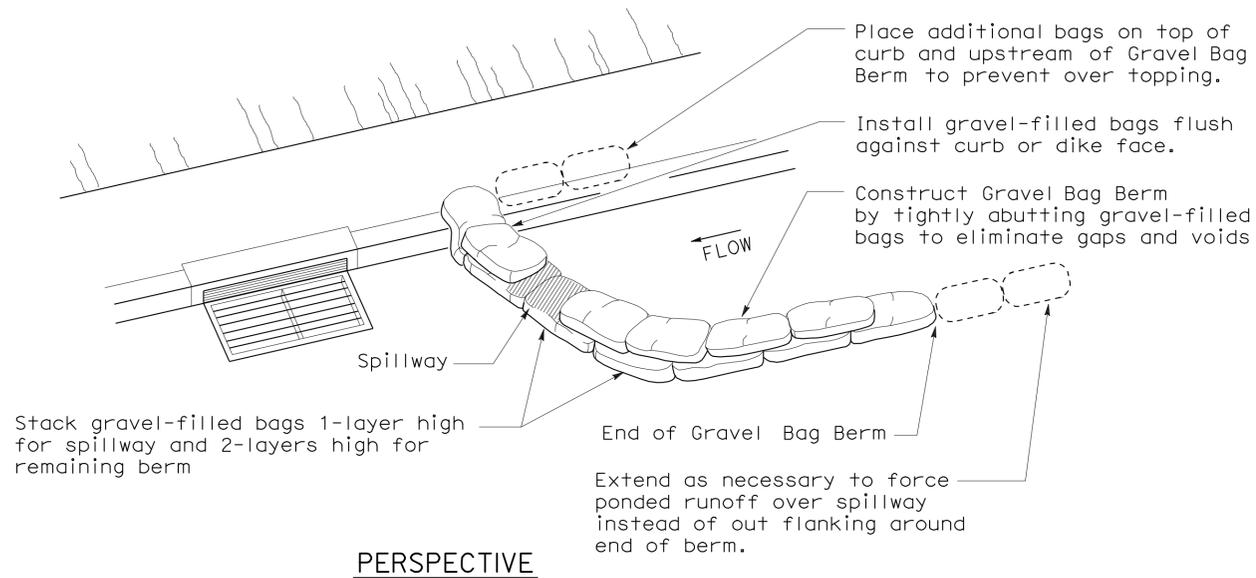
PLAN
CONFIGURATION FOR SAG POINT INLET
(GRAVEL BAG BERM)



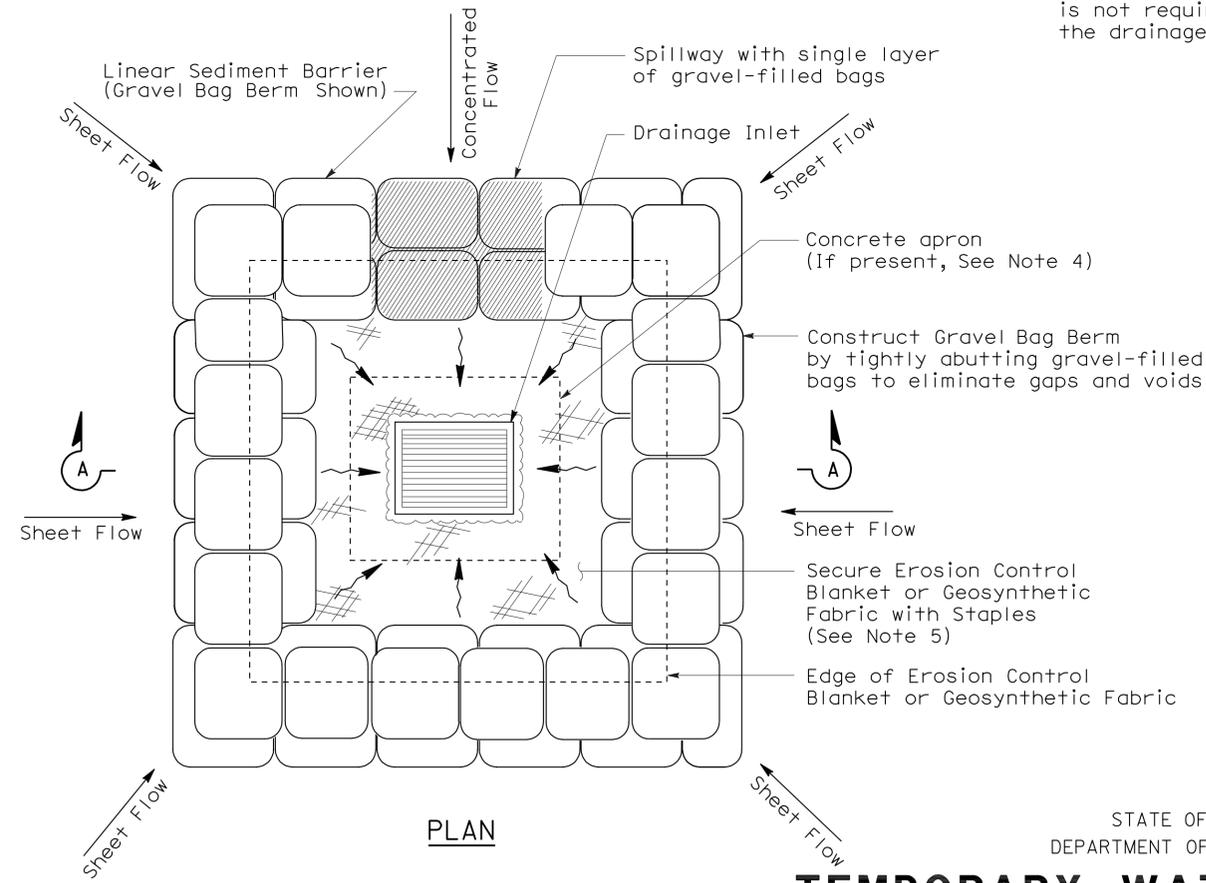
SECTION A-A

NOTES:

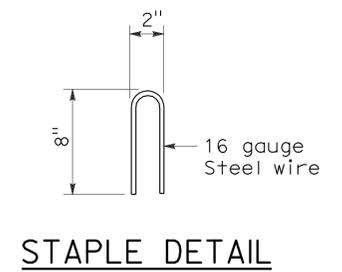
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.



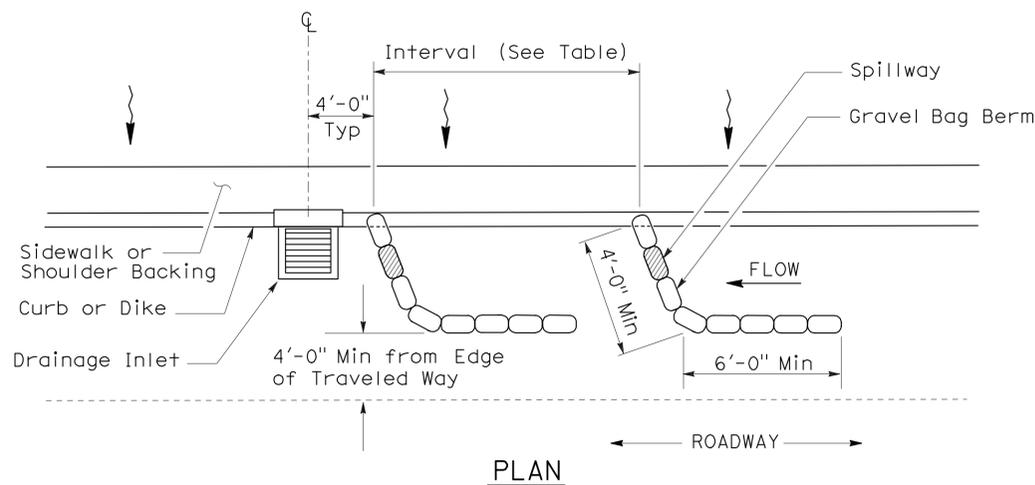
PERSPECTIVE



PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



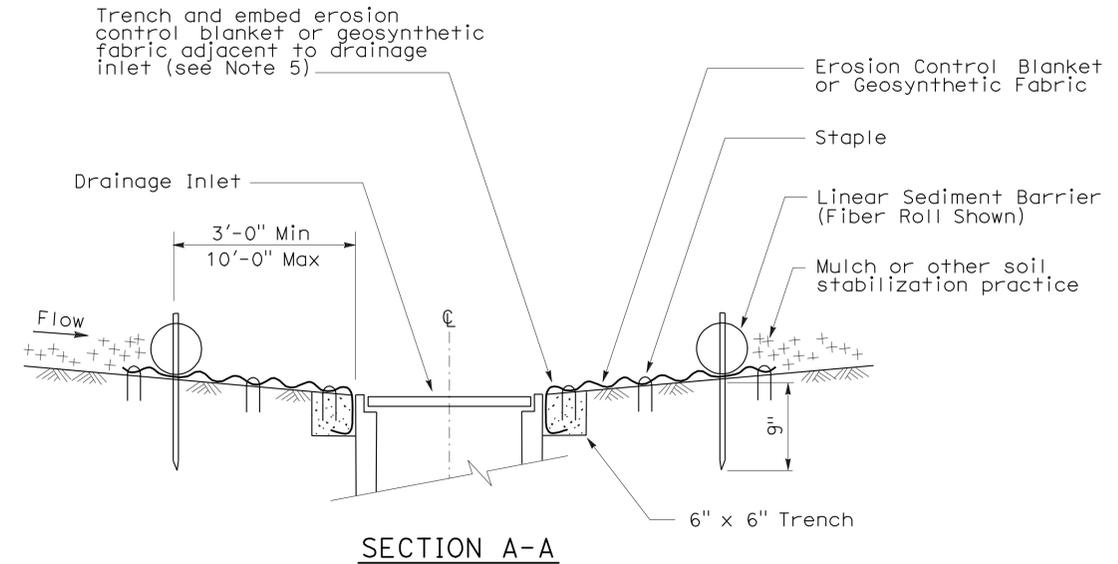
PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 3A)
(GRAVEL BAG BERM)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION
CONTROL DETAILS
(TEMPORARY DRAINAGE
INLET PROTECTION)

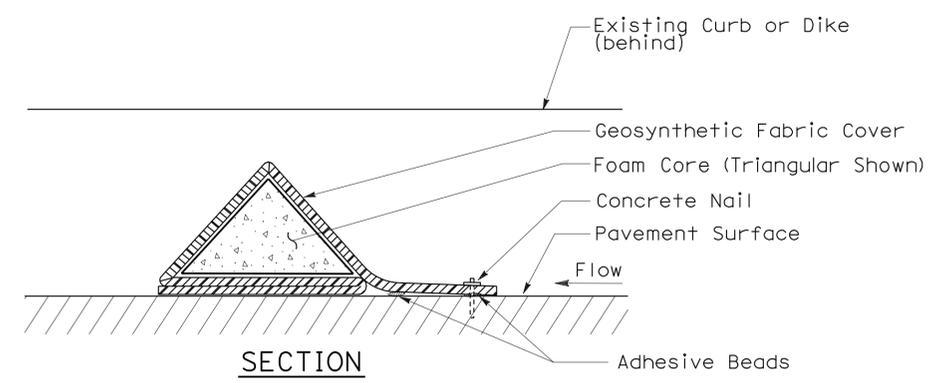
NO SCALE
NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

FLEXIBLE SEDIMENT BARRIER SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50'	35'	30'	25'	20'
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6'	6'	6'	6'	6'



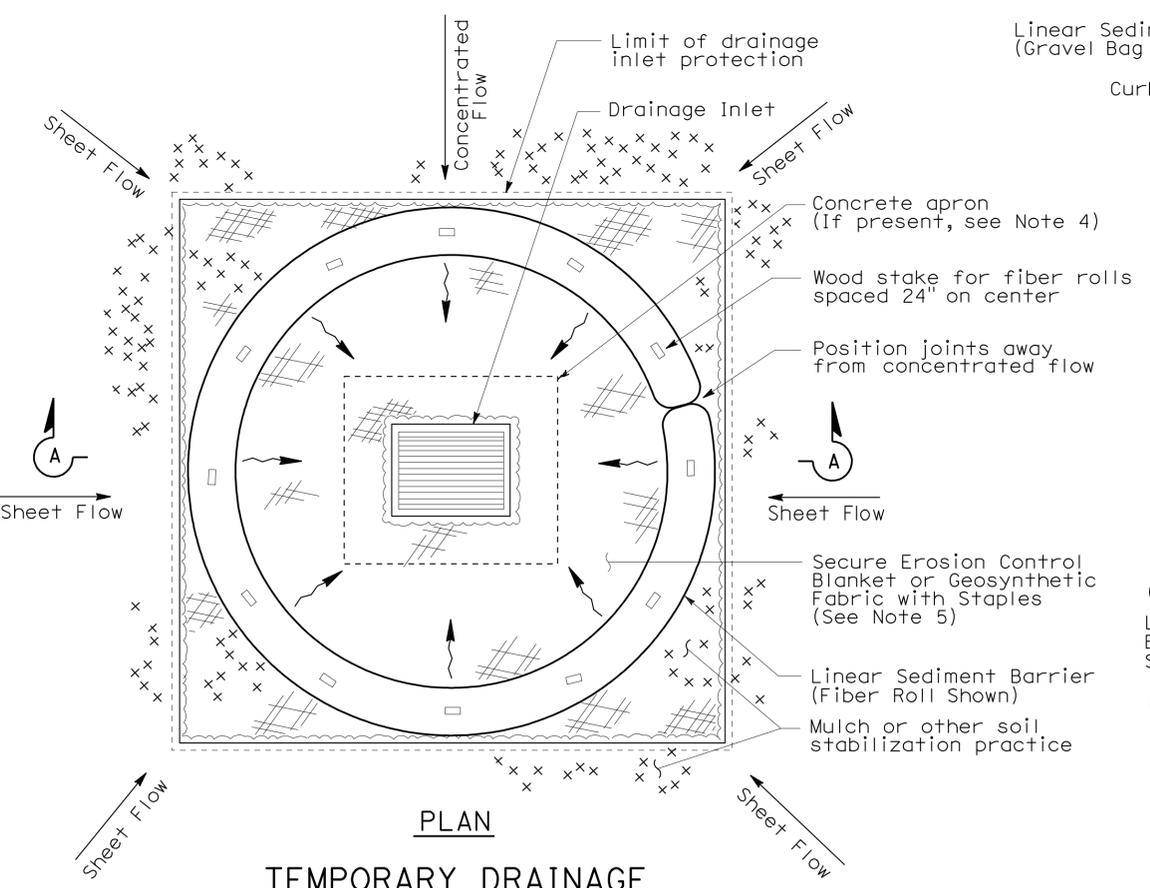
SECTION A-A



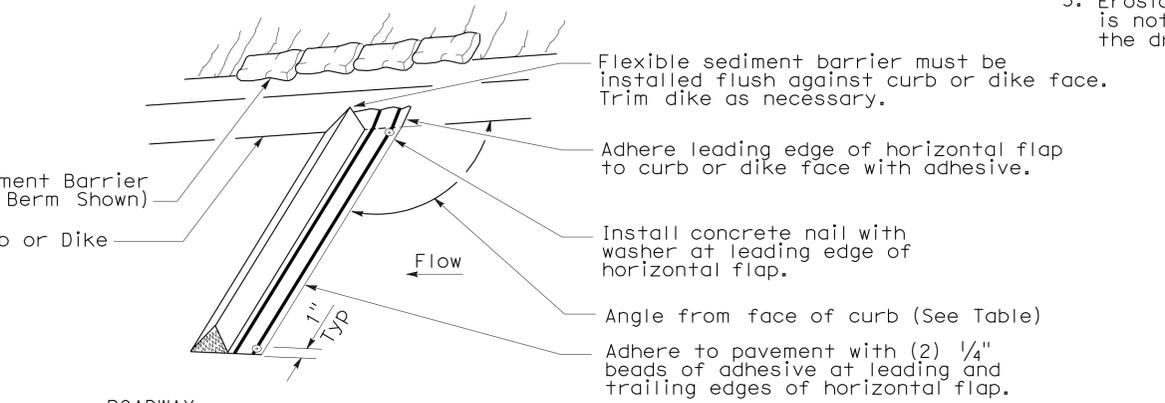
SECTION FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)

NOTES:

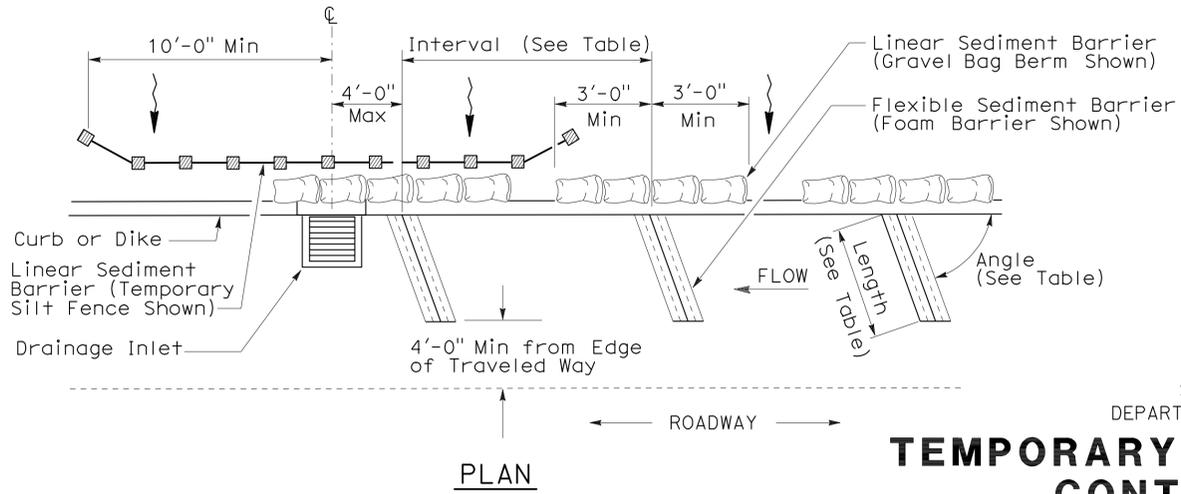
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.



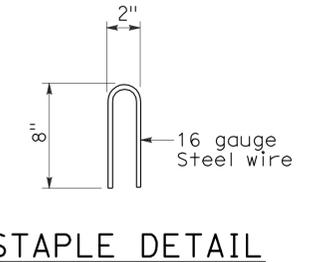
PLAN TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



PERSPECTIVE



PLAN TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4B) FLEXIBLE SEDIMENT BARRIER



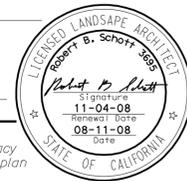
STAPLE DETAIL

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

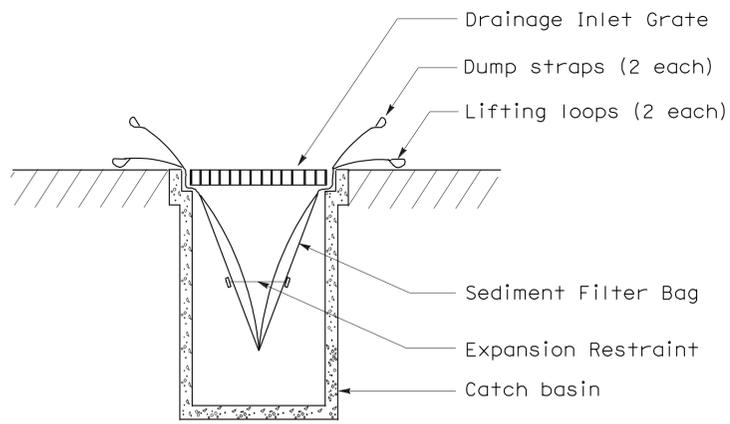
NO SCALE
 NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	27	28

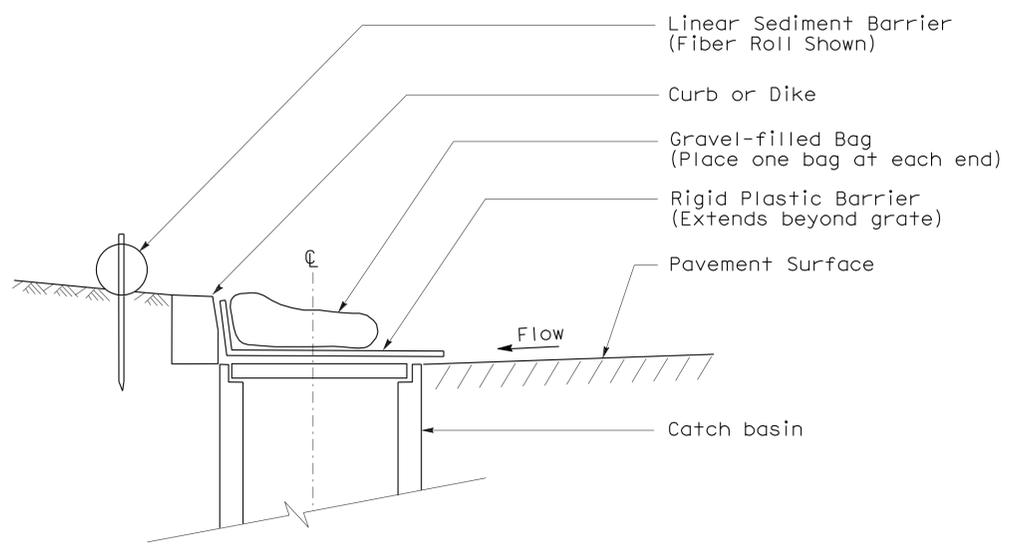
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS APPROVAL DATE
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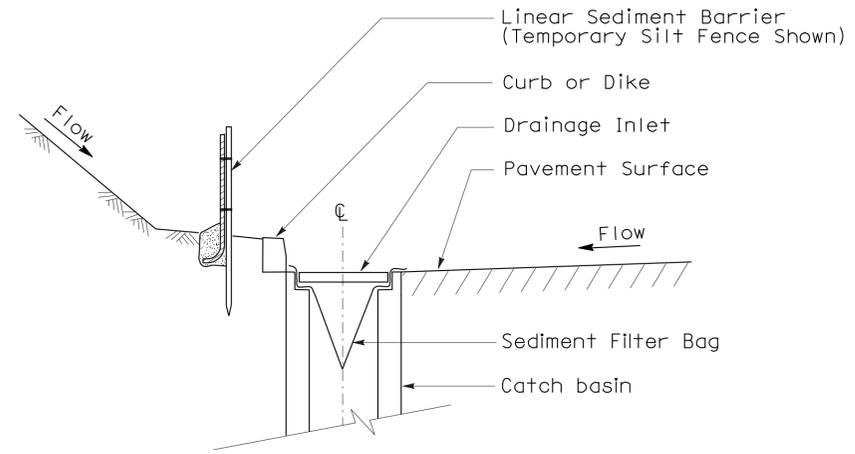
To accompany plans dated 7-11-11



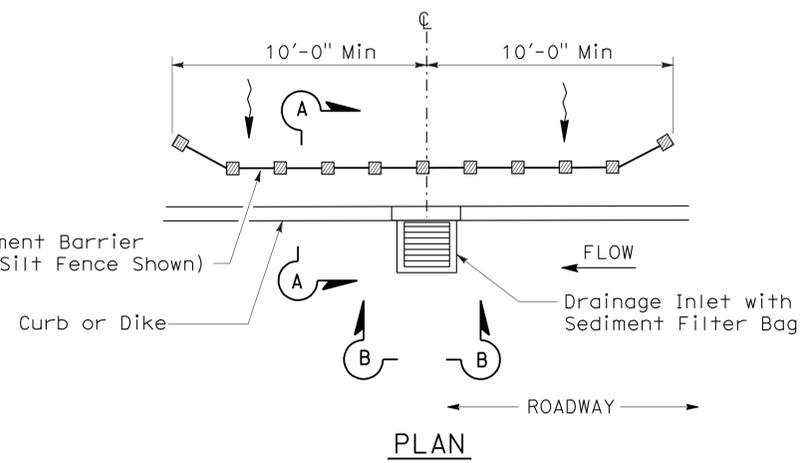
SECTION B-B
SEDIMENT FILTER BAG DETAIL



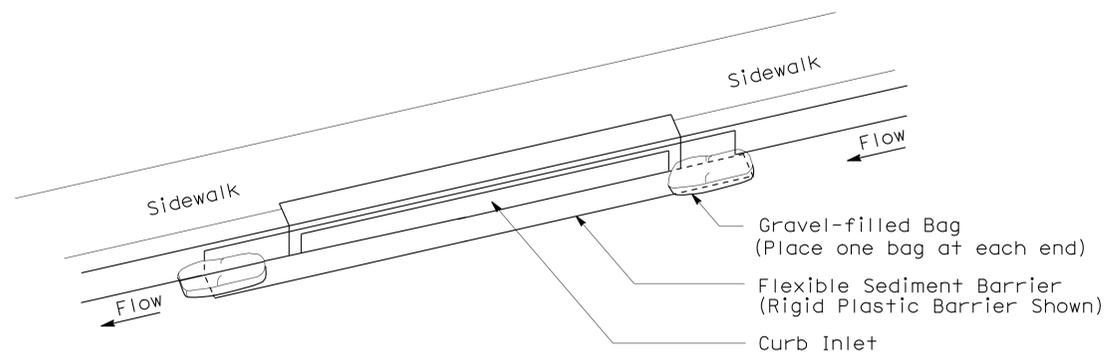
SECTION
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 6A)
(CATCH BASIN WITH GRATE)



SECTION A-A



PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 5)
(SEDIMENT FILTER BAG)



PERSPECTIVE
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 6B)
(CURB INLET WITHOUT GRATE)

NOTES:

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE

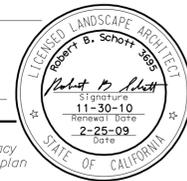
NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T64

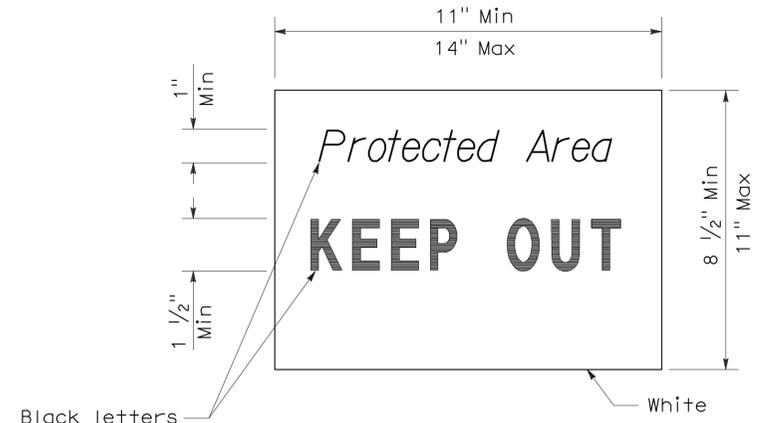
2006 NEW STANDARD PLAN NSP T64

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	128	17.3,21.7	28	28

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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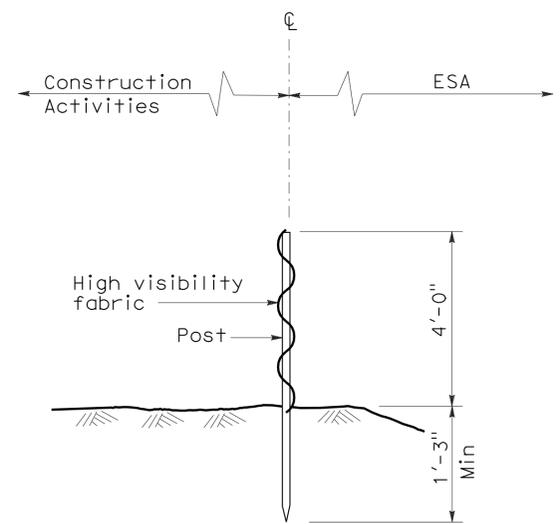
To accompany plans dated 7-11-11



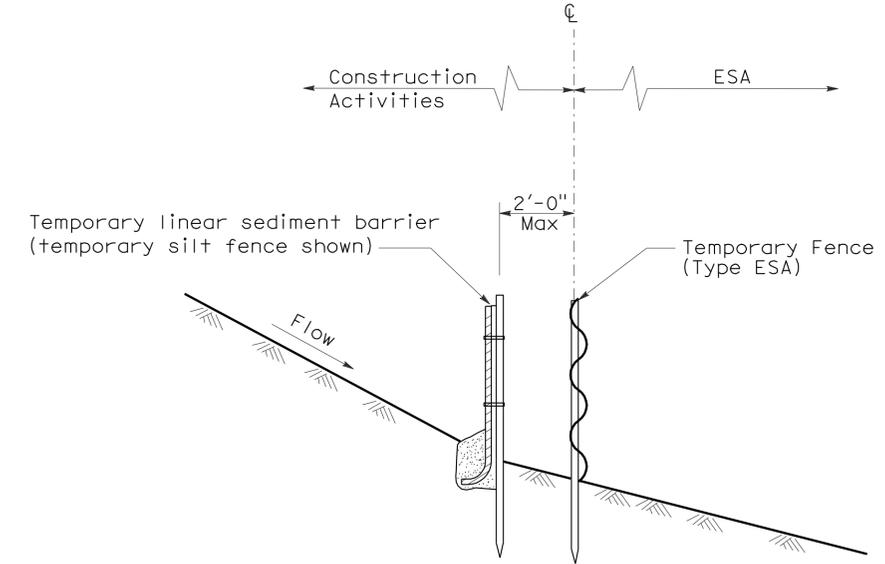
SIGN DETAIL

NOTE:

1. Temporary silt fence and temporary straw bale barrier shown for reference purposes only.

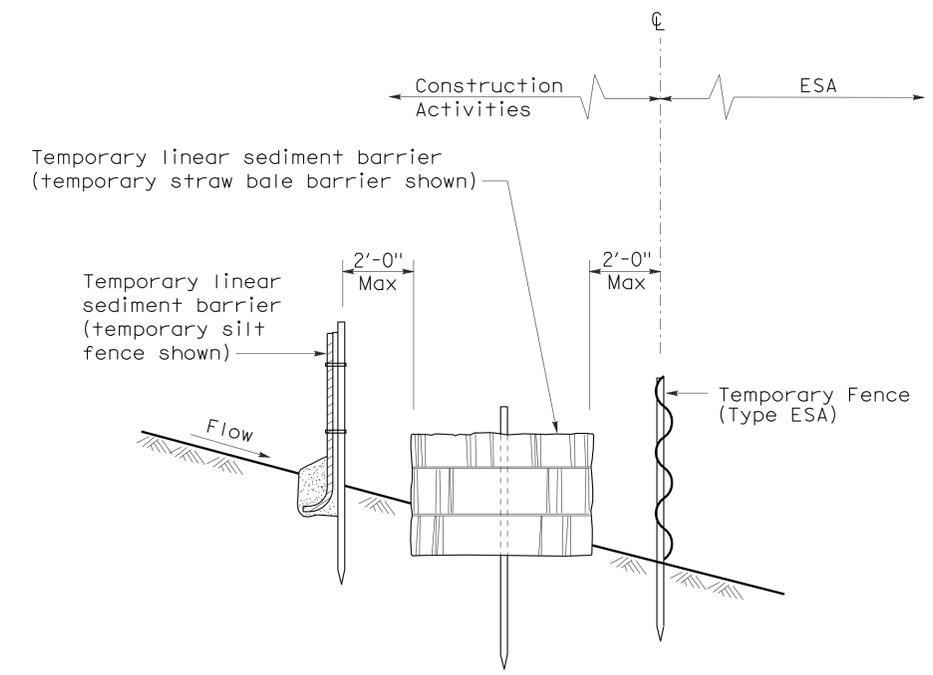


SECTION
TEMPORARY FENCE (TYPE ESA)



SECTION
PLACEMENT DETAIL
FOR TEMPORARY LINEAR SEDIMENT BARRIER
USED WITH TEMPORARY FENCE (TYPE ESA)

(See Note 1)



SECTION
PLACEMENT DETAIL
FOR TEMPORARY SILT FENCE
AND TEMPORARY STRAW BALE BARRIER
USED WITH TEMPORARY FENCE (TYPE ESA)

(See Note 1)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS
[TEMPORARY FENCE (TYPE ESA)]

NO SCALE

NSP T65 DATED APRIL 3, 2009 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T65