

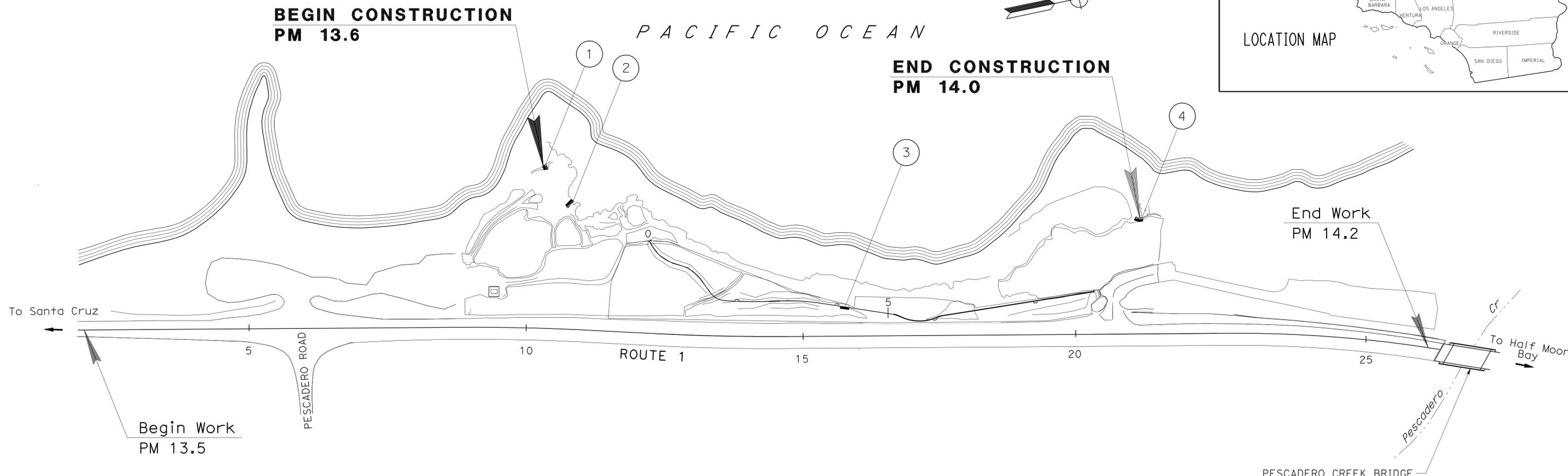
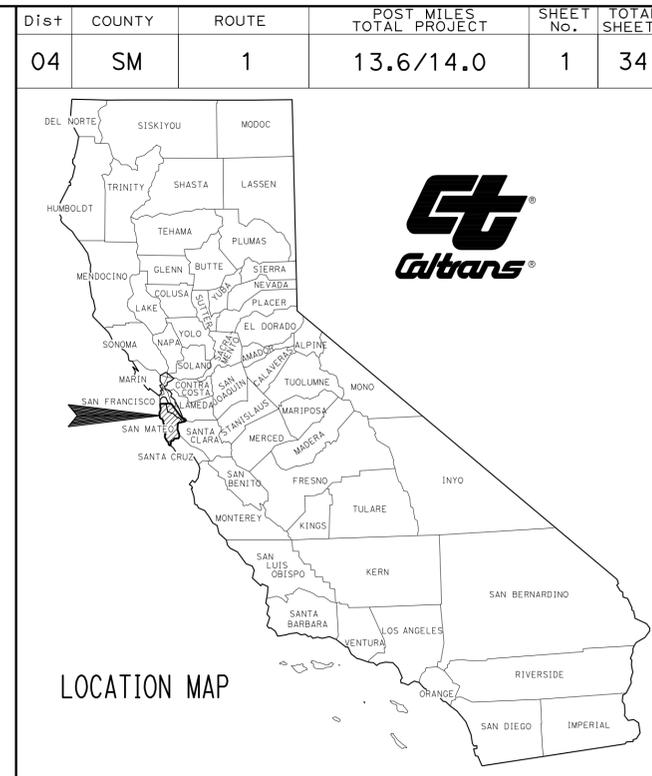
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	TYPICAL CROSS SECTIONS
4	LAYOUT
5-6	CONSTRUCTION DETAILS
7-11	EROSION CONTROL PLAN, DETAILS AND QUANTITIES
12-13	DRAINAGE PLANS, PROFILES, DETAILS AND QUANTITIES
14	CONSTRUCTION AREA SIGNS
15-25	REVISED AND NEW STANDARD PLANS
STRUCTURE PLANS	
26-34	PESCADERO STATE BEACH

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

STATE OF CALIFORNIA ACSTP-37B6(004)E
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
ADJACENT TO STATE HIGHWAY
IN SAN MATEO COUNTY
ABOUT 14 MILES SOUTH OF HALF MOON BAY
AT VARIOUS LOCATIONS
AT THE SOUTHERN APPROACH OF PESCADERO
CREEK BRIDGE NORTH OF PESCADERO ROAD

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

LOCATION	ROUTE	PM	DESCRIPTION
①	1	13.6	CONSTRUCT CONCRETE STAIRWAY
②	1	13.6	CONSTRUCT CONCRETE STAIRWAY
③	1	13.7/13.9	CONSTRUCT FOOT PATH AND ADJACENT SURFACE ENHANCEMENT
④	1	13.9	CONSTRUCT WOODEN STAIRWAY

M. G. Sahibzada 6-28-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



April 4, 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.	04-4S4304
PROJECT ID	0400001236

CU 04226 EA 4S4301

PROJECT MANAGER
AMIR SANATKAR
 DESIGN ENGINEER
MOHAMMAD G. SAHIBZADAH

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

NO SCALE

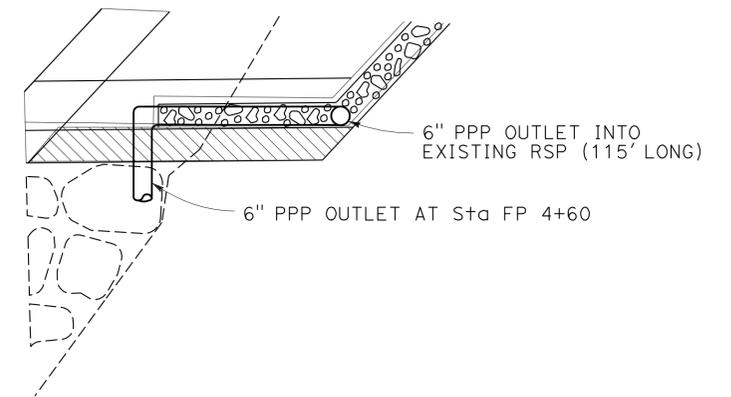
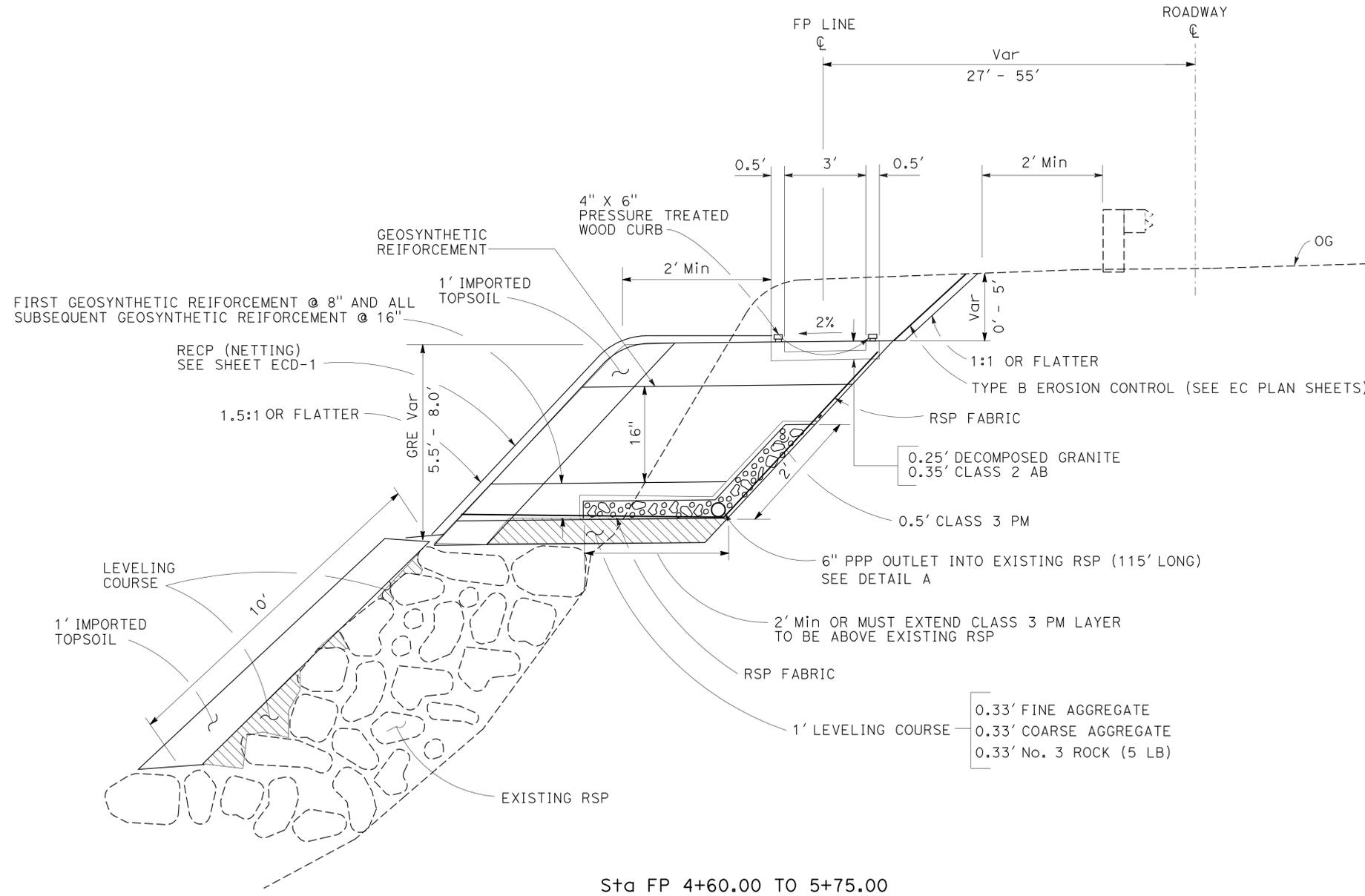
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	2	34
<i>M. G. Sahibzada</i> 6-28-10 REGISTERED CIVIL ENGINEER DATE			REGISTERED PROFESSIONAL ENGINEER Mohammad G. Sahibzada No. 52760 Exp. 12-31-10 CIVIL STATE OF CALIFORNIA		
4-4-11 PLANS APPROVAL DATE					
<small>THE 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:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

ABBREVIATIONS

RECP - ROLLED EROSION CONTROL PRODUCT
 RSP - ROCK SLOPE PROTECTION
 GRE - GEOSYNTHETIC REINFORCED EMBANKMENT



DETAIL A

TYPICAL CROSS SECTIONS
NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 AMIR SANATKAR
 FUNCTIONAL SUPERVISOR
 MOHAMMAD G. SAHIBZADAH
 ROMY ACOB
 REVISOR
 A
 A
 REVISIONS

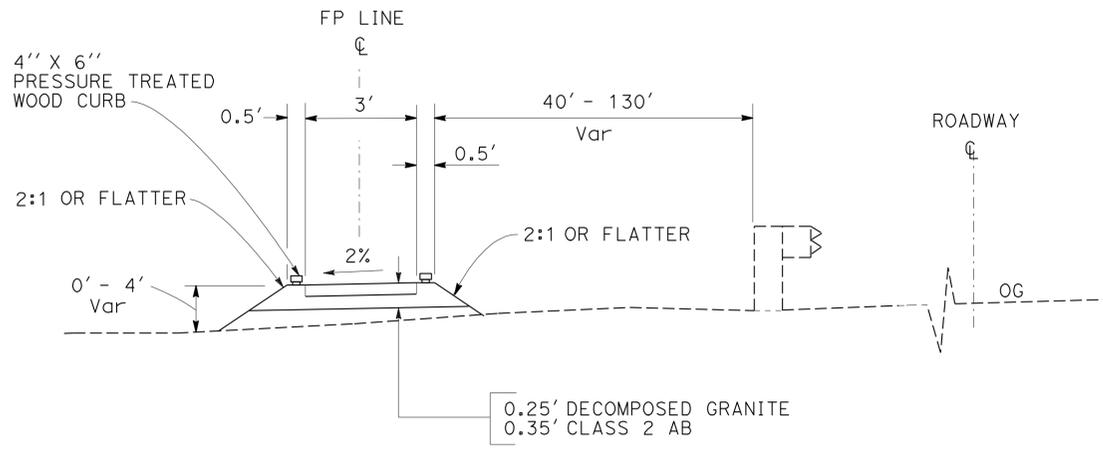
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	3	34

M. G. Sahibzada 6-28-10
 REGISTERED CIVIL ENGINEER DATE

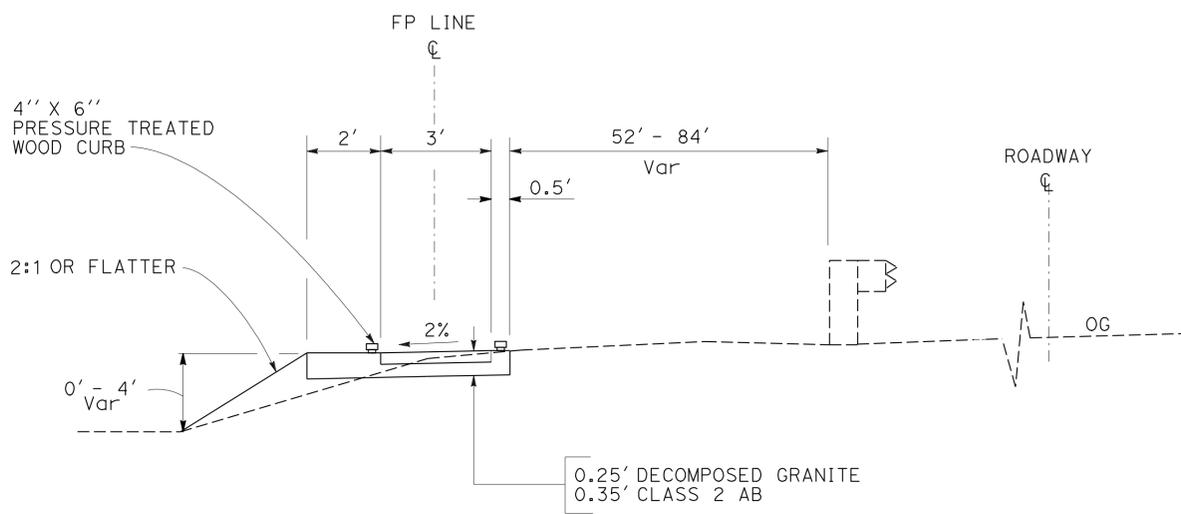
4-4-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Mohammad G. Sahibzada
 No. 52760
 Exp. 12-31-10
 CIVIL
 STATE OF CALIFORNIA

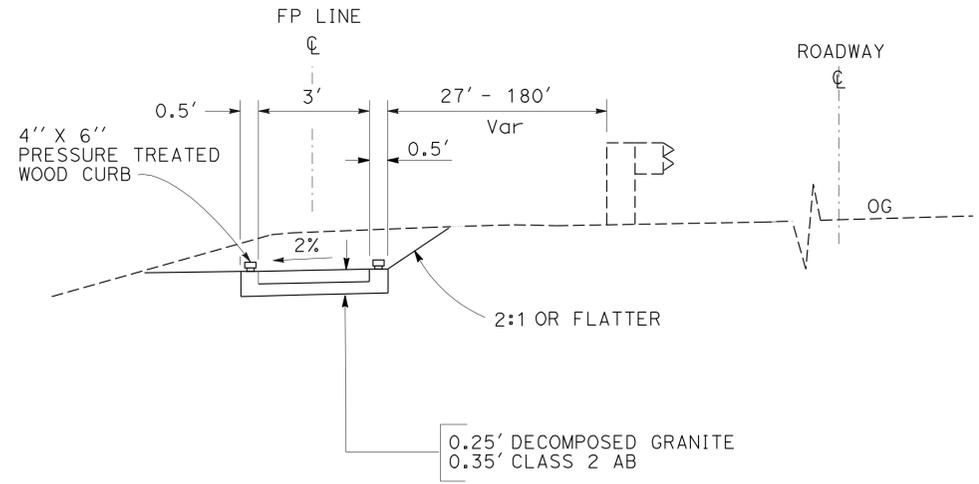
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



Sta FP 1+00.00 TO 2+10.00
 Sta FP 6+45.00 TO 7+20.00



Sta FP 2+60.0 TO 4+60.0
 Sta FP 7+70.0 TO 8+40.0



Sta FP 0+00.00 TO 1+00.00
 Sta FP 2+10.00 TO 2+60.00
 Sta FP 5+75.00 TO 6+45.00
 Sta FP 7+20.00 TO 7+70.00
 Sta FP 8+40.00 TO 9+44.27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 AMIR SANATKAR
 FUNCTIONAL SUPERVISOR
 MOHAMMAD G. SAHIBZADAH
 RONY ACOB
 REVISOR
 A A
 REVISIONS

TYPICAL CROSS SECTIONS
 NO SCALE

FOR NOTES, SEE SHEET X-1

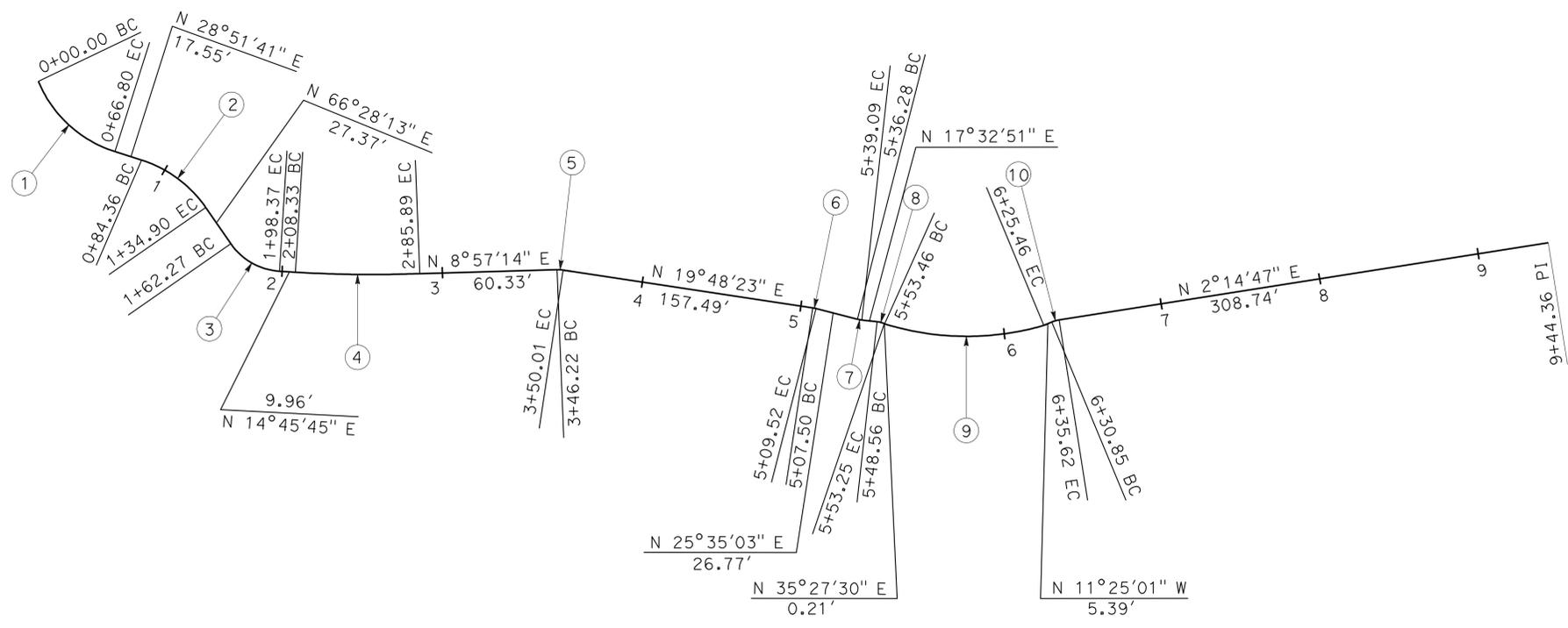
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	5	34

M. G. Sahibzada 6-28-10
 REGISTERED CIVIL ENGINEER DATE

4-4-11
 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.

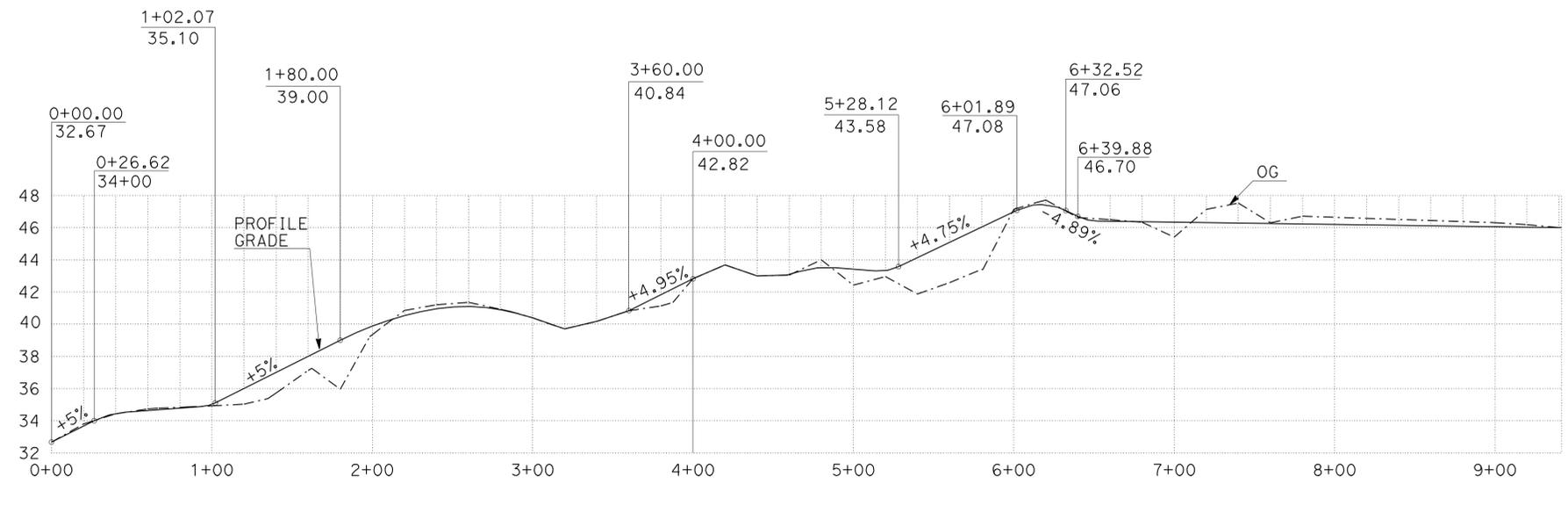
REGISTERED PROFESSIONAL ENGINEER
 Mohammad G. Sahibzada
 No. 52760
 Exp. 12-31-10
 CIVIL
 STATE OF CALIFORNIA



FP LINE ALIGNMENT

CURVE DATA

No. (⊕)	R	Δ	T	L	N	E
1	77'	49°42'41"	35.67'	66.81'	1923444.693	6004915.509
2	77'	37°36'14"	26.22'	50.54'	1923514.263	6004953.853
3	40'	51°42'39"	19.38'	36.10'	1923543.396	6005020.759
4	765'	5°48'22"	38.79'	77.52'	1923609.302	6005038.126
5	20'	8°29'21"	1.48'	2.96'	1923709.115	6005053.853
6	20'	5°45'44"	1.01'	2.01'	1923860.029	6005108.204
7	20'	8°1'29"	1.40'	2.80'	1923886.349	6005120.806
8	15'	17°54'15"	2.36'	4.69'	1923898.974	6005124.798
9	88'	46°52'41"	38.15'	72.00'	1923932.146	6005148.423
10	20'	12°52'18"	2.26'	4.49'	1923977.177	6005139.329

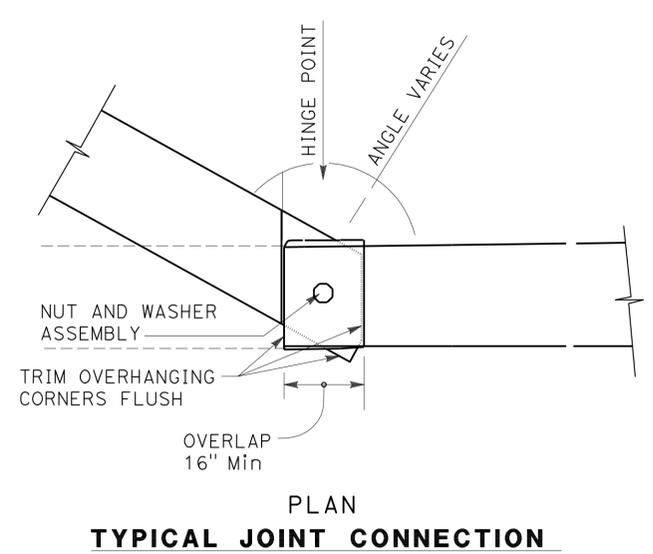
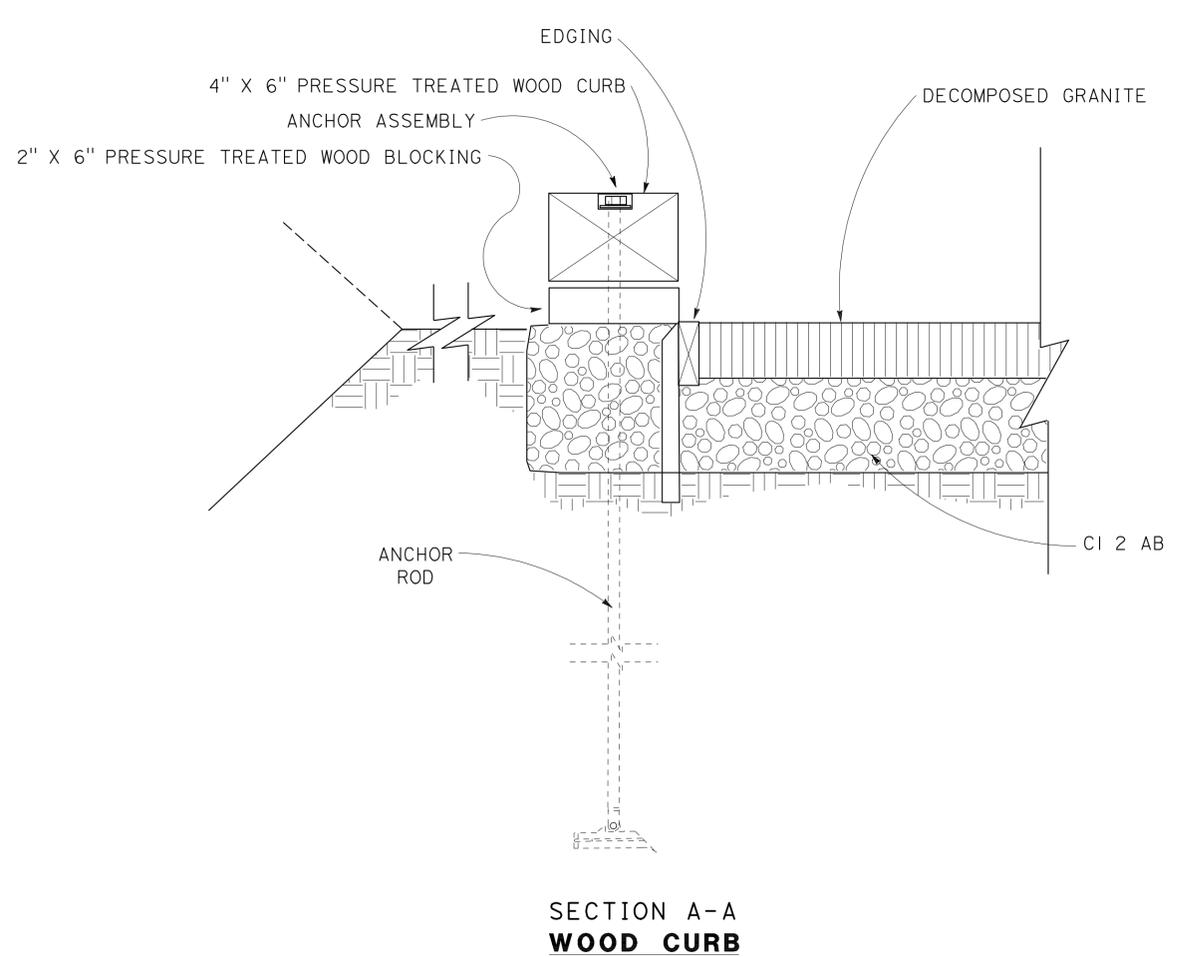
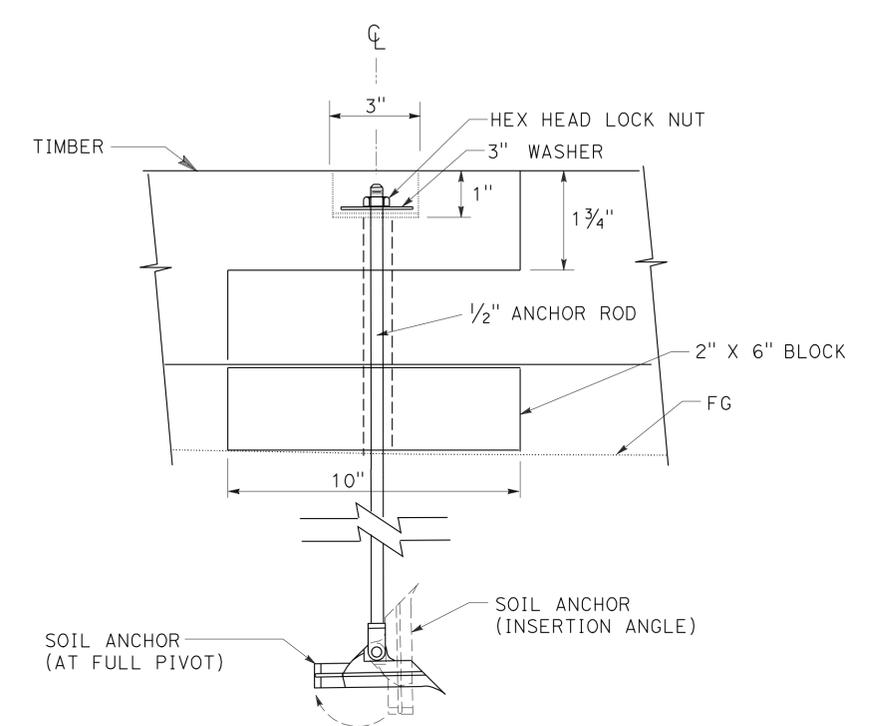
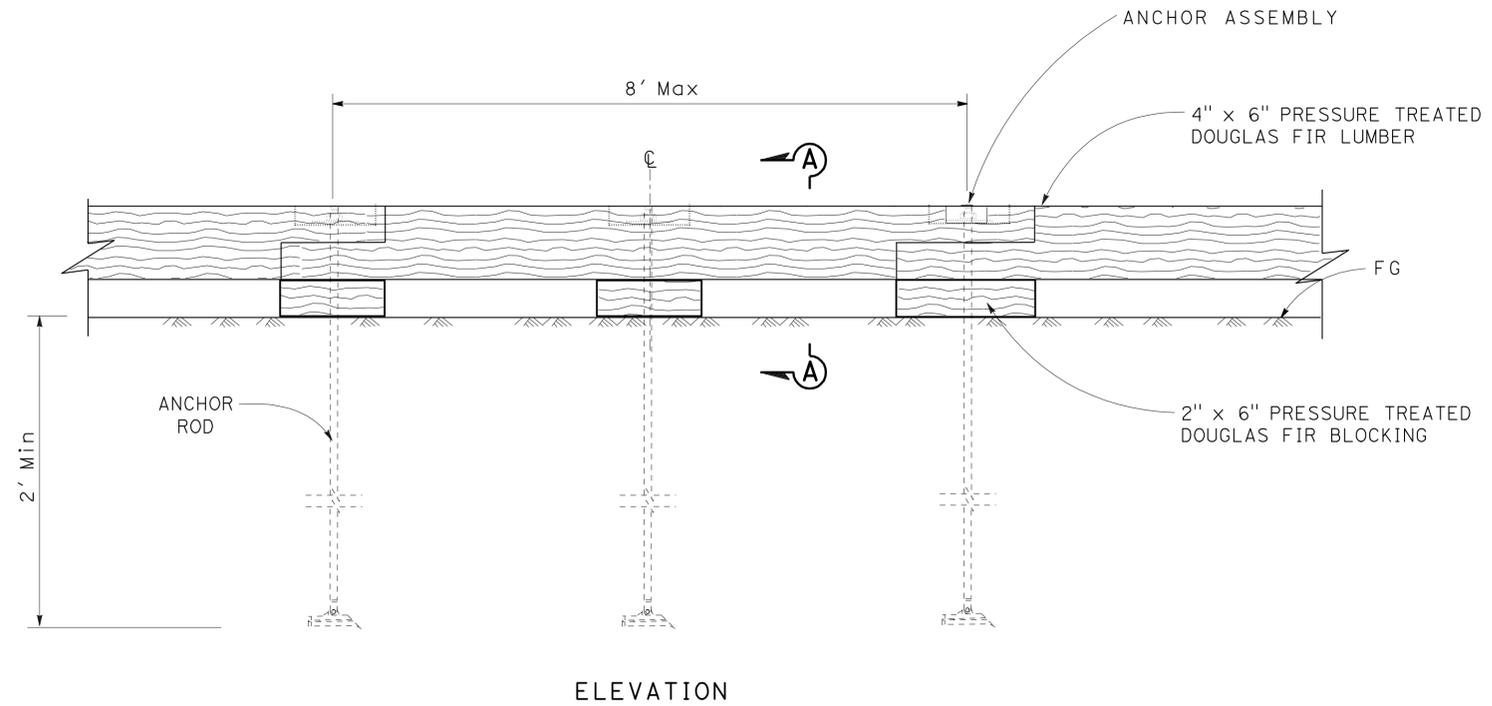


"FP" LINE PROFILE

CONSTRUCTION DETAILS
 NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	6	34

Signature: *Laurie J. Smith*
 LICENSED LANDSCAPE ARCHITECT
 4-4-11
 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.



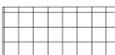
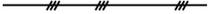
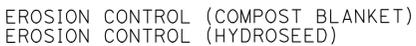
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT DAVID W. YAM
 CALCULATED/DESIGNED BY CHECKED BY
 LAURIE J. SMITH ALEX MC DONALD
 REVISED BY DATE REVISED
 x
 x
 x
 x
 x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT
 DAVID W YAM
 CHECKED BY
 CALCULATED/DESIGNED BY
 LAURIE J SMITH
 ALEX MC DONALD
 REVISED BY
 DATE REVISED

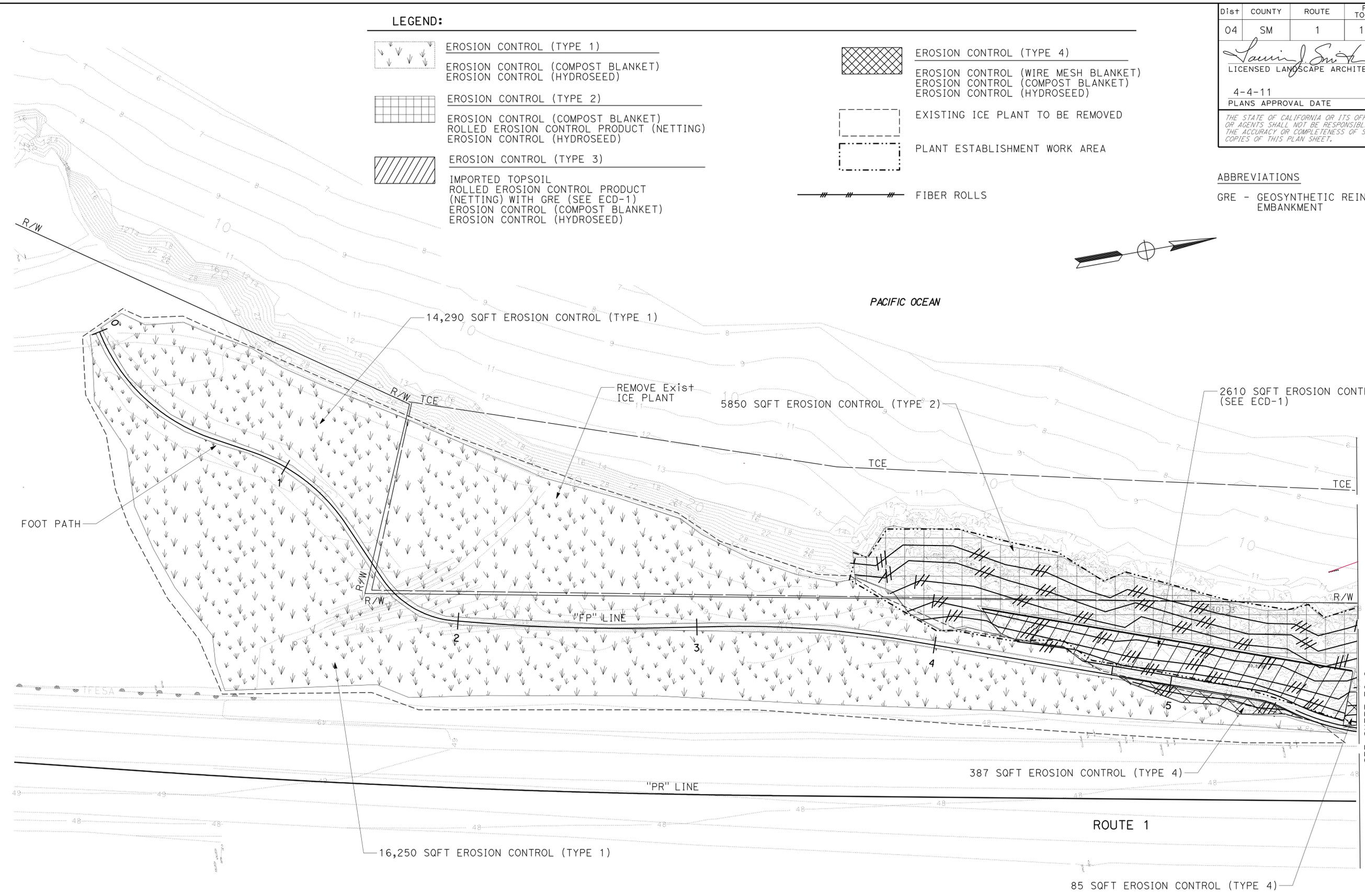
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	7	34

Signature: *Laurie J. Smith*
 LICENSED LANDSCAPE ARCHITECT
 4-4-11
 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.

LEGEND:

-  EROSION CONTROL (TYPE 1)
-  EROSION CONTROL (COMPOST BLANKET)
EROSION CONTROL (HYDROSEED)
-  EROSION CONTROL (TYPE 3)
-  EROSION CONTROL (TYPE 4)
-  EXISTING ICE PLANT TO BE REMOVED
-  PLANT ESTABLISHMENT WORK AREA
-  FIBER ROLLS
-  EROSION CONTROL (COMPOST BLANKET)
EROSION CONTROL (HYDROSEED)
-  EROSION CONTROL (COMPOST BLANKET)
ROLLED EROSION CONTROL PRODUCT (NETTING)
EROSION CONTROL (HYDROSEED)
-  IMPORTED TOPSOIL
ROLLED EROSION CONTROL PRODUCT (NETTING) WITH GRE (SEE ECD-1)
EROSION CONTROL (COMPOST BLANKET)
EROSION CONTROL (HYDROSEED)
-  EROSION CONTROL (WIRE MESH BLANKET)
EROSION CONTROL (COMPOST BLANKET)
EROSION CONTROL (HYDROSEED)

ABBREVIATIONS
 GRE - GEOSYNTHETIC REINFORCED EMBANKMENT



THIS PLAN IS ACCURATE FOR EROSION CONTROL WORK ONLY.

EROSION CONTROL PLAN
EC-1

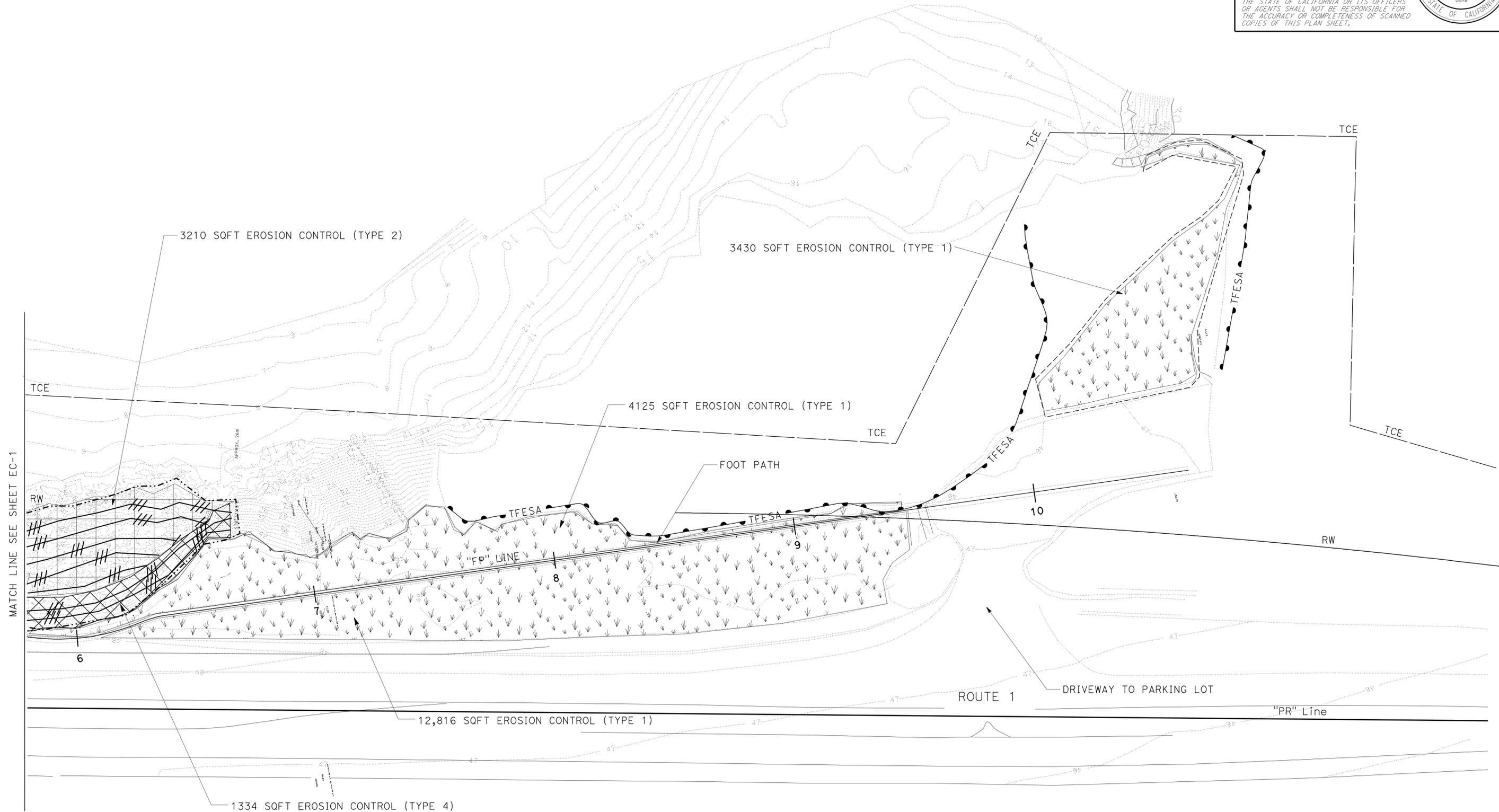
SCALE 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	8	34

Laurie J. Smith
 LICENSED LANDSCAPE ARCHITECT
 4-4-11
 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	SENIOR LANDSCAPE ARCHITECT	REVISOR	DATE
Water Quality	DAVID W YAM	LAURIE J SMITH	
Caltrans		ALEX MC DONALD	



THIS PLAN IS ACCURATE FOR EROSION CONTROL WORK ONLY.

EROSION CONTROL PLAN
EC-2

SCALE: 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	9	34

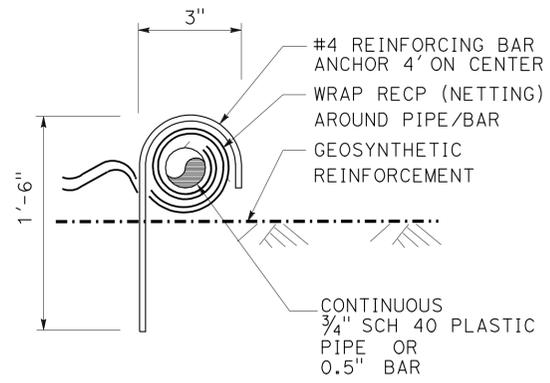
Signature: *Laurie J. Smith*
 LICENSED LANDSCAPE ARCHITECT
 4-4-11
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. INSTALL ROLLED EROSION CONTROL PRODUCT (NETTING) IN CONJUNCTION WITH INSTALLATION OF GEOSYNTHETIC REINFORCEMENT.
2. ANCHOR ROLLED EROSION CONTROL PRODUCT (NETTING) THROUGH GEOSYNTHETIC REINFORCEMENT AS SHOWN ON THE PLANS.
3. FASTEN RECP (NETTING) AS NECESSARY TO ENSURE CONTACT WITH GROUND PLANE.
4. DIMENSIONS MAY VARY TO MATCH FIELD CONDITIONS.

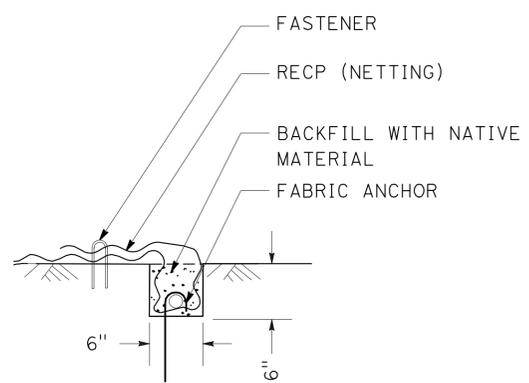
ABBREVIATION:

RECP - ROLLED EROSION CONTROL PRODUCT



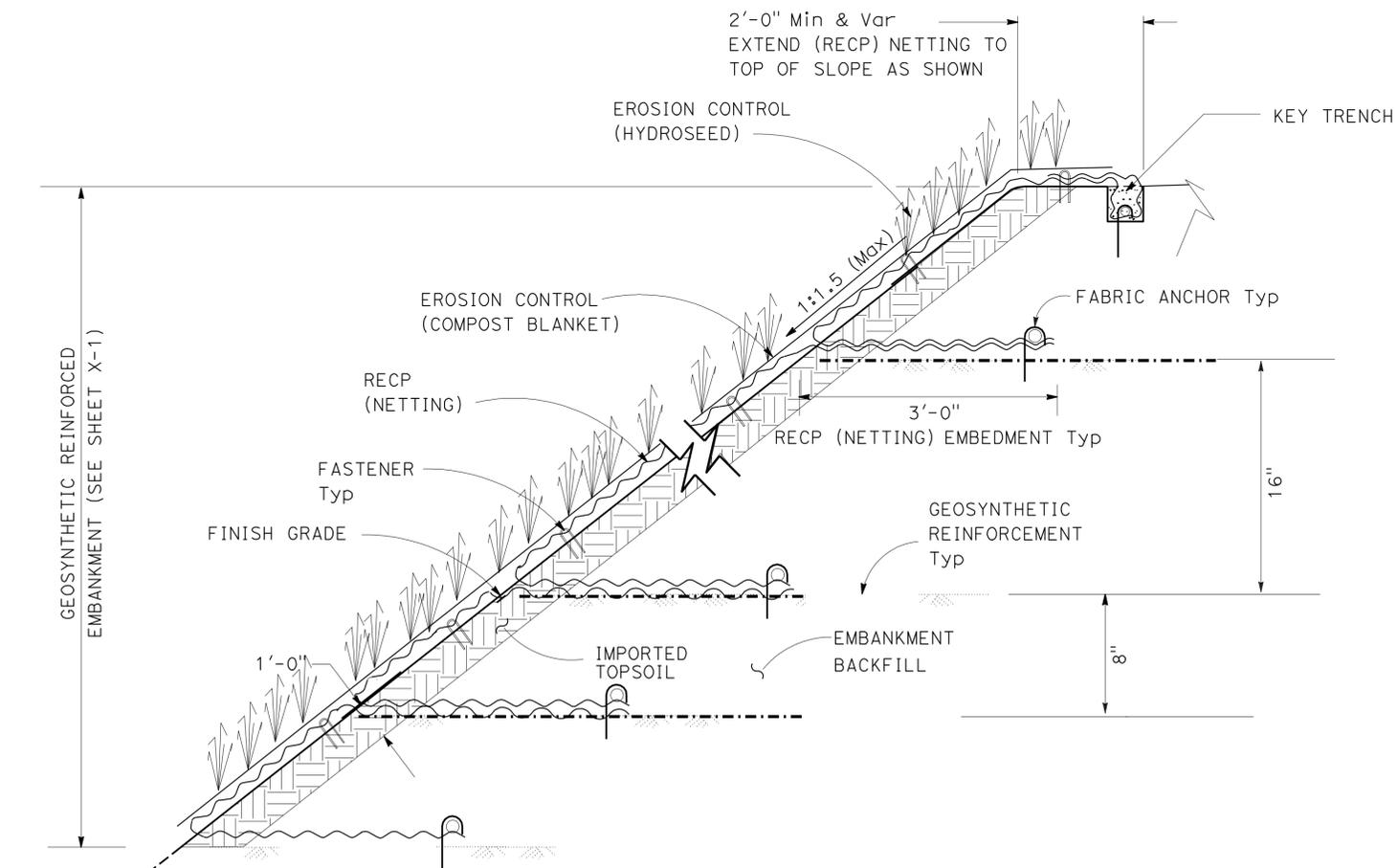
SECTION

FABRIC ANCHOR DETAIL



SECTION

KEY TRENCH FOR RECP (NETTING) AT GEOSYNTHETIC REINFORCED EMBANKMENT



SECTION

ROLLED EROSION CONTROL PRODUCT (NETTING) WITH WRAPPED FACE FOR GEOSYNTHETIC REINFORCED EMBANKMENT (GRE)

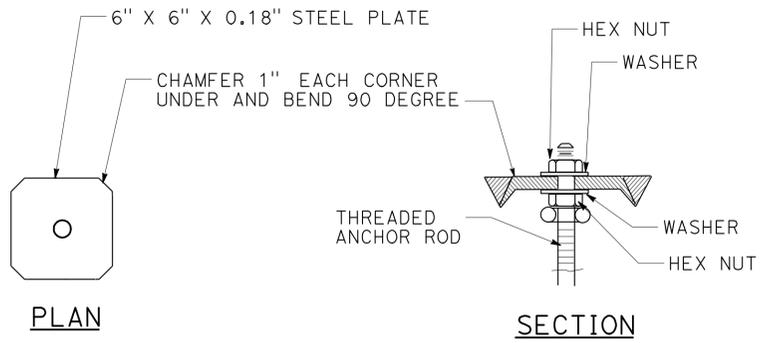
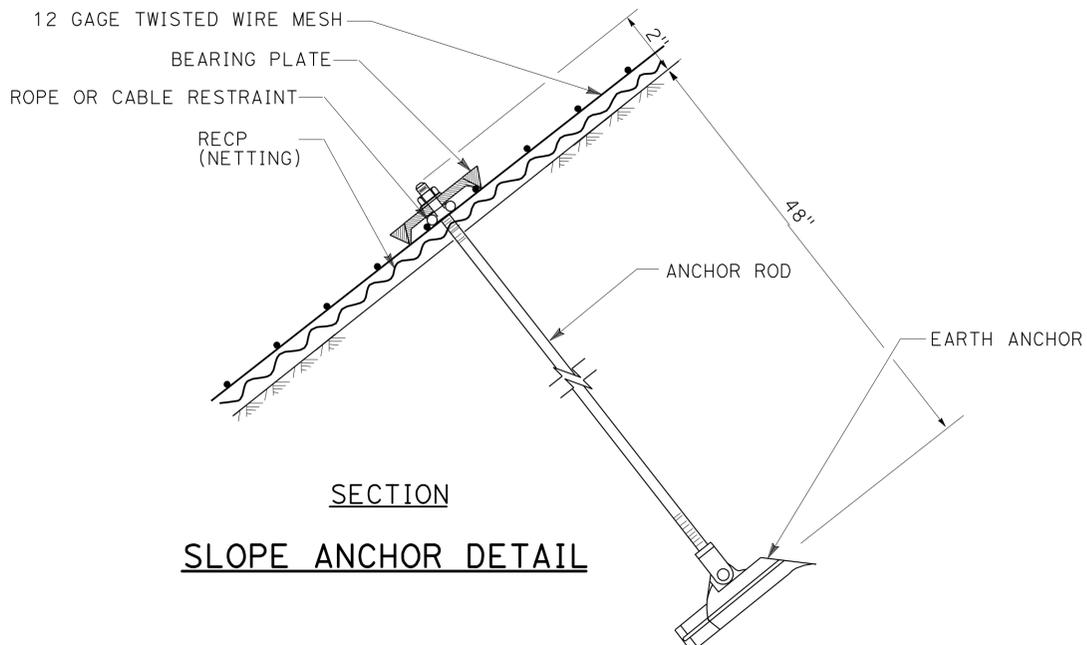
EROSION CONTROL DETAILS
NO SCALE
ECD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT
 DAVID W. YAM
 LAURIE J. SMITH
 ALEX MC DONALD
 REVISOR BY
 DATE REVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 05-14-10

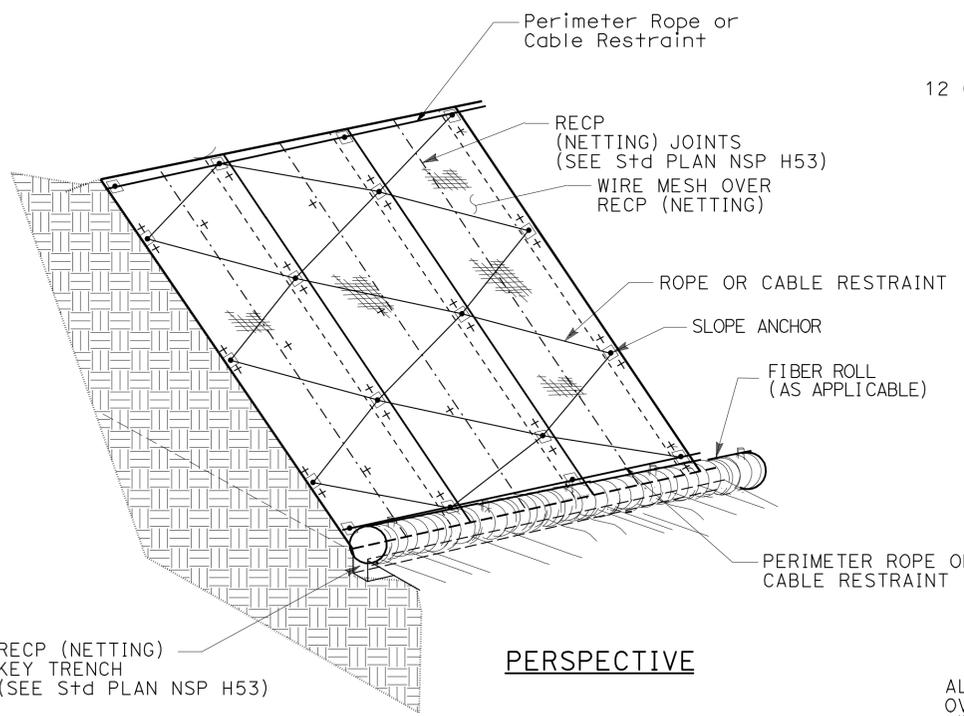
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	10	34

9-27-10
 PLANS APPROVAL DATE

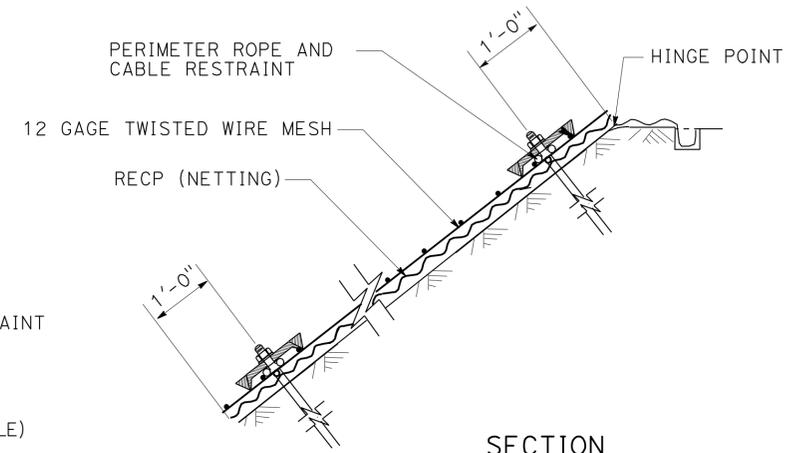
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



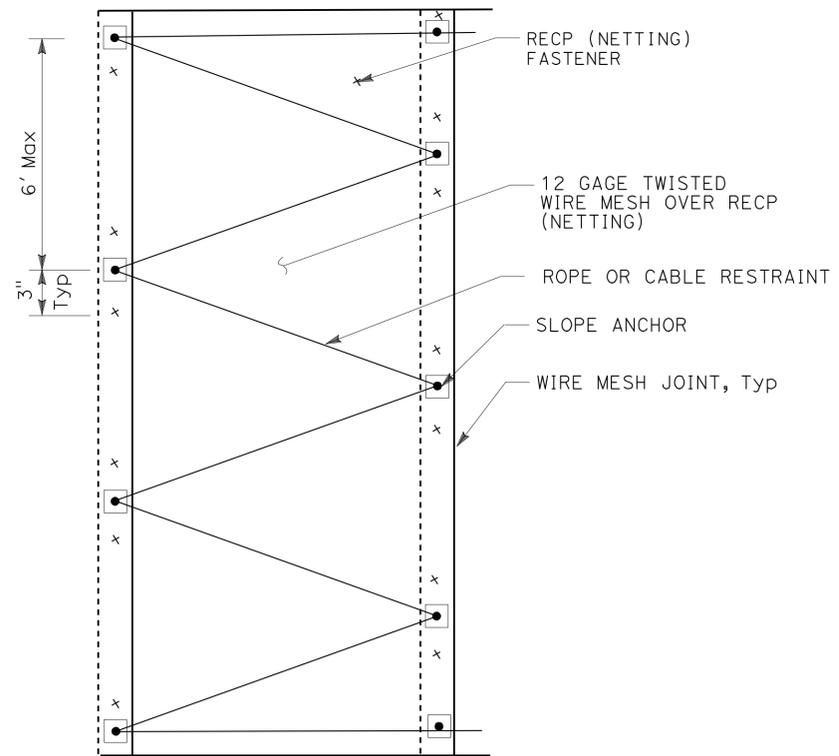
ANCHOR PLATE DETAIL



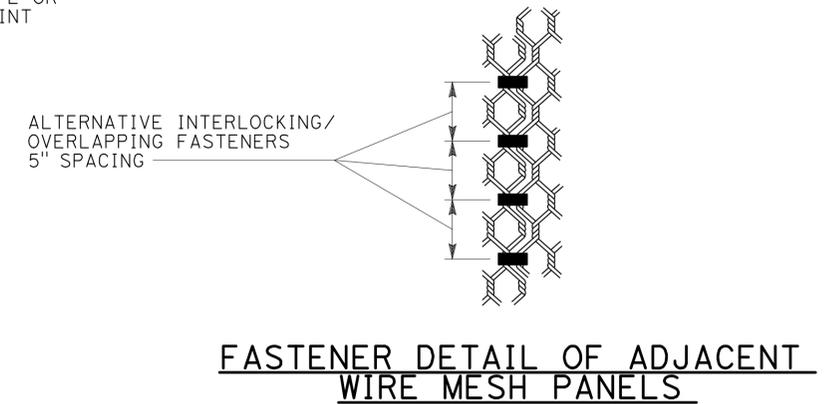
EROSION CONTROL (WIRE MESH BLANKET)



ANCHORS AT PERIMETER EDGE



PLAN



FASTENER DETAIL OF ADJACENT WIRE MESH PANELS

**EROSION CONTROL DETAILS
NO SCALE
ECD-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT - DAVID W YAM
 LAURIE J SMITH - REVISED BY
 ALEX MC DONALD - DATE REVISD
 CALCULATED/DESIGNED BY
 CHECKED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	11	34

Laurie J. Smith
 LICENSED LANDSCAPE ARCHITECT
 9-27-10
 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
 WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT
 DAVID W YAM
 CALCULATED/DESIGNED BY
 CHECKED BY
 LAURIE J SMITH
 ALEX MC DONALD
 REVISED BY
 DATE REVISED

EROSION CONTROL QUANTITIES

SHEET No.	LOCATION		TYPE	AREA (SQFT)	EROSION CONTROL (COMPOST BLANKET) (CY)	RECP (NETTING) (SQFT)	EROSION CONTROL (HYDROSEED) (SQFT)	FIBER ROLL (FT)	EROSION CONTROL (WIRE MESH) (SQFT)
	BEGIN	END							
1	FP LINE 00+00 L	FP LINE 04+75 L	1	14,290	22	-	14,290	-	-
1	FP LINE 00+00 R	FP LINE 05+57 R	1	16,250	25	-	16,250	-	-
1	FP LINE 03+75 L	FP LINE 05+81 L	2	5850	9	5850	5850	712	-
1	FP LINE 04+17 L	FP LINE 05+75 L	3	2610	4	2610	2610	430	-
1	FP LINE 04+75 L	FP LINE 05+56 L	4	390	1	390	390	65	390
1	FP LINE 05+75 L	FP LINE 05+81 L	4	85	1	85	85	9	85
2	FP LINE 05+81 L	FP LINE 06+64 L	2	3210	5	3210	3210	490	-
2	FP LINE 05+81 L	FP LINE 09+45 L	1	4180	6	-	4180	-	4180
2	FP LINE 05+75 L	FP LINE 06+64 L	4	1335	2	1335	1335	197	1335
2	FP LINE 06+10 R	FP LINE 09+45 R	1	12,820	20	-	12,820	-	-
2	FP LINE 10+08 L	FP LINE 10+65 L	1	3430	5	-	3430	-	-
TOTAL					100	13,480	64,450	1903	5990

EROSION CONTROL QUANTITIES ECQ-1

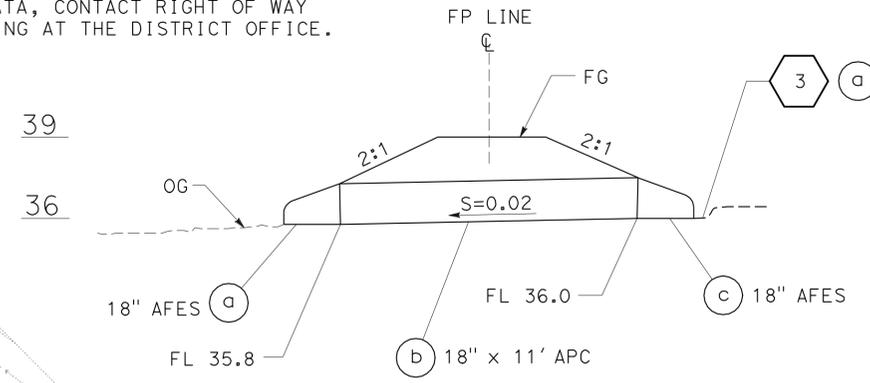
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	12	34

<i>Romy Acob</i>	6-28-10
REGISTERED CIVIL ENGINEER	DATE
4-4-11	
PLANS APPROVAL DATE	

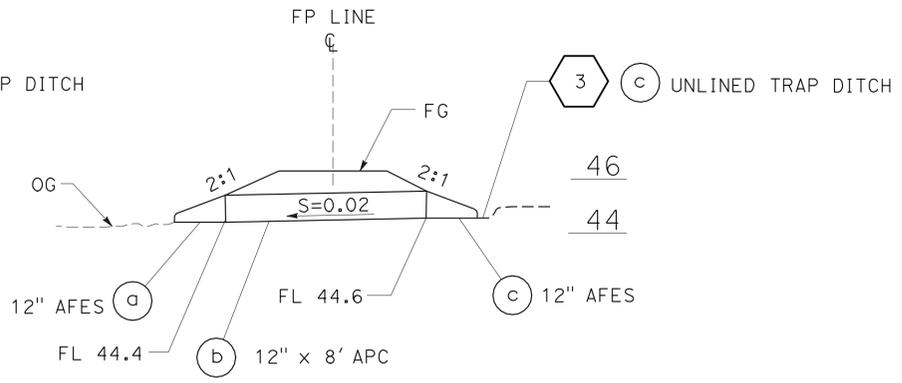
REGISTERED PROFESSIONAL ENGINEER
Romy Acob
No. 45427
Exp. 12-31-10
CIVIL

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.

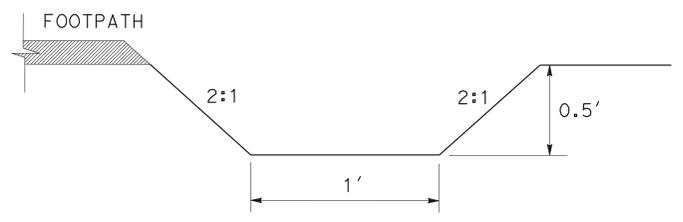
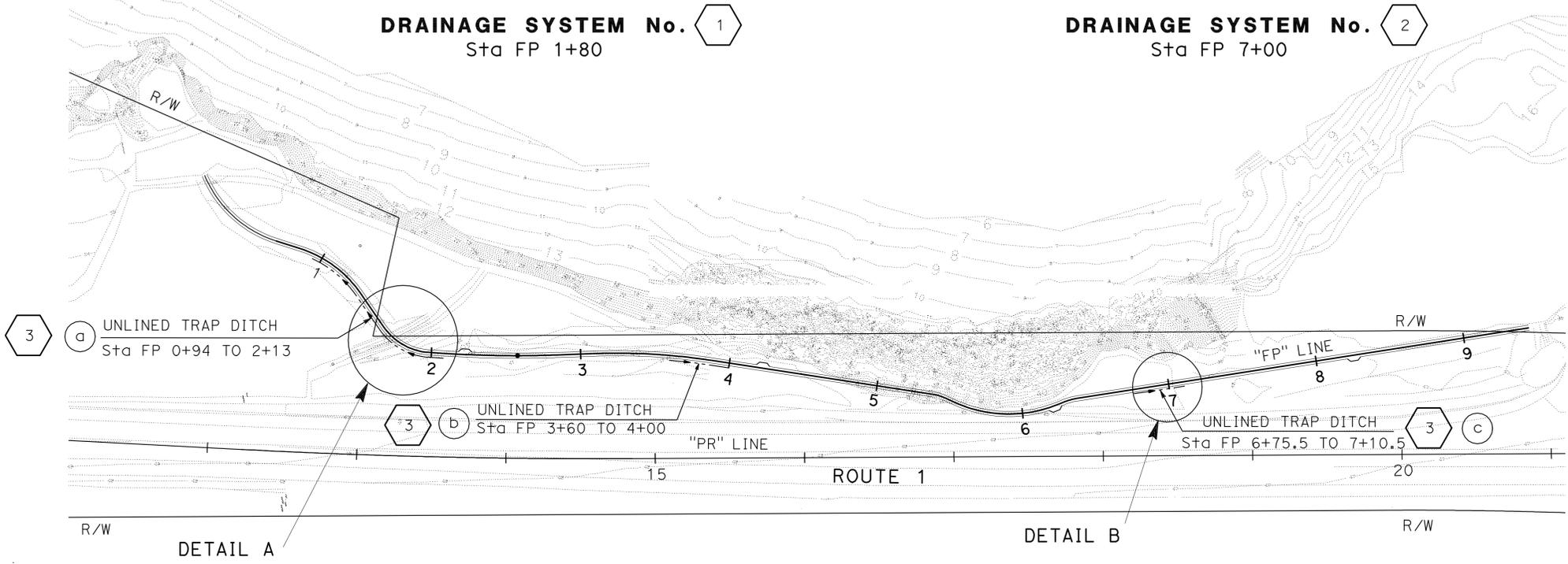
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



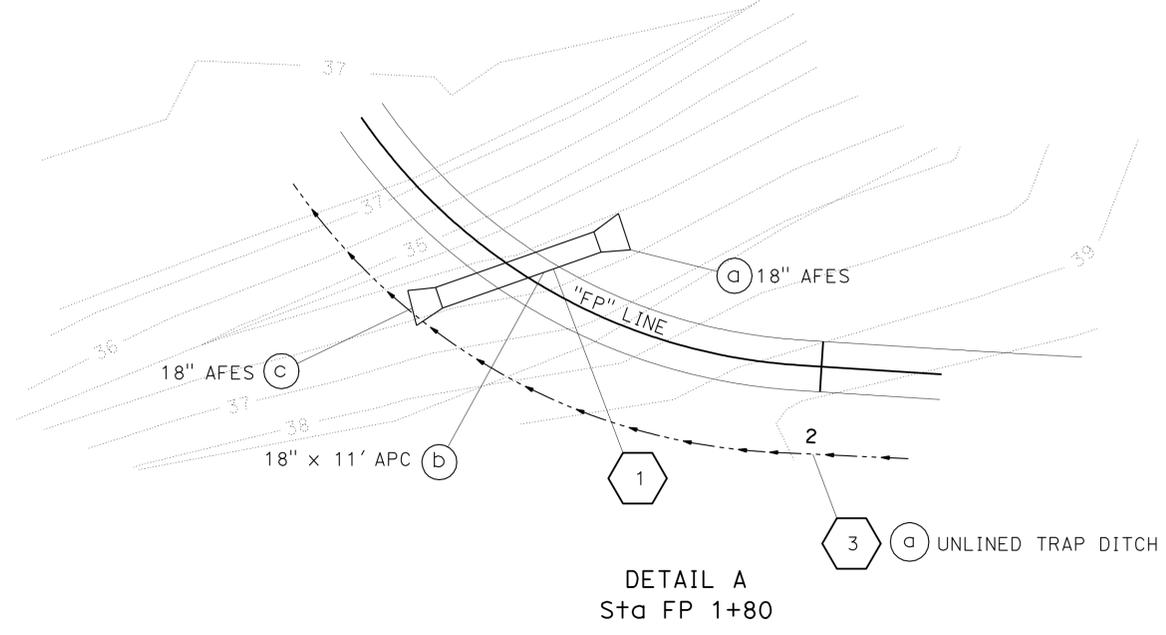
DRAINAGE SYSTEM No. 1
Sta FP 1+80



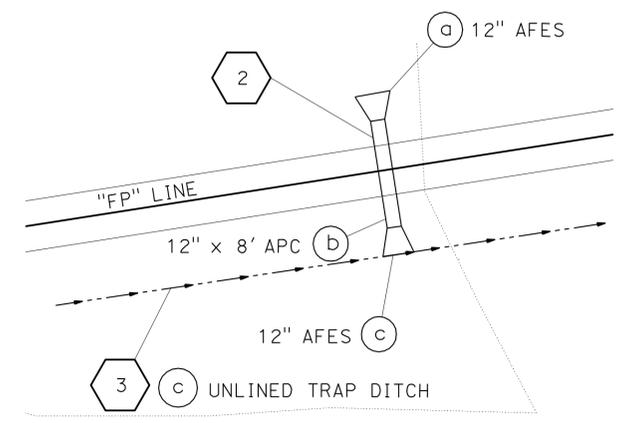
DRAINAGE SYSTEM No. 2
Sta FP 7+00



UNLINED TRAP DITCH DETAILS 3 a, b, c
Sta FP 0+94 TO 2+13
Sta FP 3+60 TO 4+00
Sta FP 6+75.5 TO 7+10.5



DETAIL A
Sta FP 1+80



DETAIL B
Sta FP 7+00

**DRAINAGE PLAN
PROFILE AND DETAILS**
NO SCALE

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY

D-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans®
 DESIGN
 AMIR SANATKAR
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 ROMY ACOB
 DIXON LAU
 REVISED BY
 DATE
 A
 A

**ALTERNATIVE PIPE CULVERTS
ALLOWABLE PIPE MATERIAL**

DESIGNATION	CSP		RCP		PLASTIC PIPE
	SIZE (IN)	THICKNESS (IN)	SIZE (IN)	THICKNESS (IN)	TYPE
18" APC	18"	0.079"	18"	2.5"	SMOOTH INTERIOR WALL
12" APC	12"	0.079"	12"	2"	SMOOTH INTERIOR WALL

ABBREVIATIONS:

- S STANDARD JOINT TYPE
- P POSITIVE JOINT TYPE
- (N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	13	34

M. G. Sahibzada 6-28-10
REGISTERED CIVIL ENGINEER DATE

4-4-11
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.

DRAINAGE QUANTITIES

DRAINAGE SYSTEM No.	DRAINAGE UNIT	APC		AFES		MAXIMUM COVER (N)	PIPE JOINT CLASSIFICATION (N)	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
		CY	FT	EA	FT							
1	a			1			S	18" AFES	L+ 5.5' FP 1+82	D-1	1	a
	b		11			1.5		18" APC	Q FP 1+80			b
	c			1				18" AFES	R+ 5.5' FP 1+75			c
2	a				1			12" AFES	L+ 4.2' FP 7+00	D-1	2	a
	b		8			0.75	S	12" APC	Q FP 7+00			b
	c				1			12" AFES	R+ 4.2' FP 7+00			c
3	a	6						UNLINED TRAP DITCH	R+ FP 0+94 TO 2+13		3	a
	b	1						UNLINED TRAP DITCH	R+ FP 3+60 TO 4+00			b
	c	1						UNLINED TRAP DITCH	R+ FP 6+75.5 TO 7+10.5			c
TOTAL		8	11	8	2	2						

FOOT PATH QUANTITY

STATION	DECOMPOSED GRANITE Misc AREA	CLASS 2 AB	4" x 6" PRESSURE TREATED WOOD CURB	TEMPORARY FENCE (TYPE ESA)
FP 0+00 TO 9+44.36	SQFT		LF	LF
	2840	65	1900	800
TOTAL	2840	65	1900	800

LEVELING COARSE QUANTITY

	FINE AGGREGATE	COARSE AGGREGATE	RSP (FACING, METHOD B) No. 3 ROCK (5 LB)
		CY	
TOTAL	44	44	44

SUMMARY OF QUANTITY

DESIGNATION	RSP FABRIC	GEOSYNTHETIC REINFORCEMENT	6" PPP UNDERDRAIN	IMPORTED BORROW	IMPORTED TOPSOIL	ROADWAY EXCAVATION	CLASS 3 PERMEABLE MATERIAL
	SQYD		LF	CY			
EMBANKMENT FOR TOPSOIL COVER	2460	230	120	150	35	100	9
TOTAL	2460	230	120	150	140	100	9

**DRAINAGE QUANTITIES
AND
SUMMARY OF QUANTITIES**

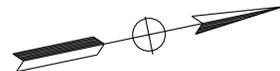
DQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	13.6/14.0	14	34

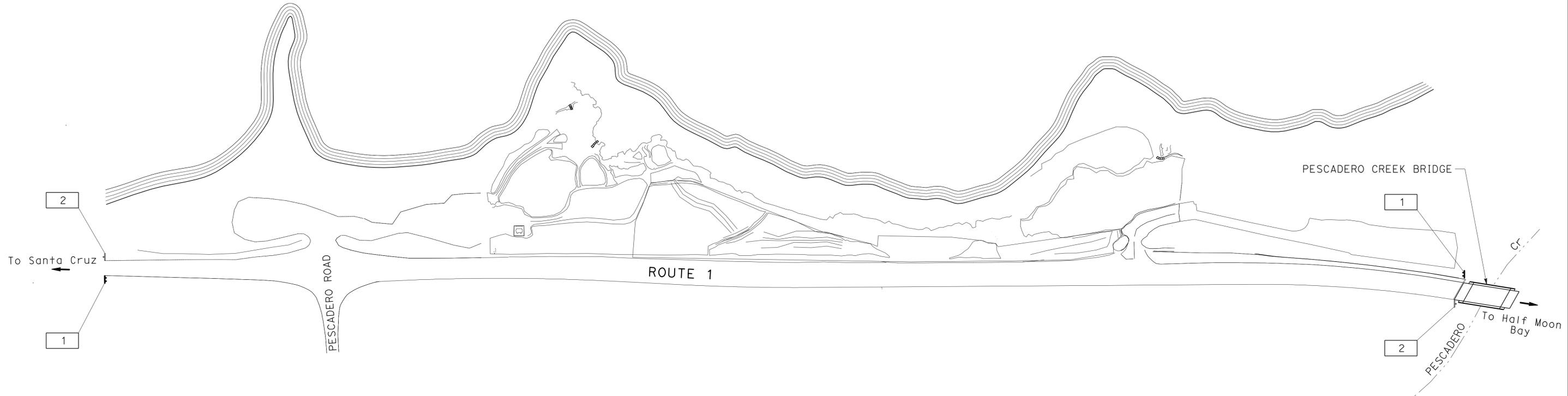
Jerilyn L. Struven 6-28-10
 REGISTERED CIVIL ENGINEER DATE
 4-4-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Jerilyn L. Struven
 No. 49964
 Exp. 12-31-10
 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.



PACIFIC OCEAN



NOTES:

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

LEGEND

[No.] CONSTRUCTION AREA SIGN

CONSTRUCTION AREA SIGNS

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

CONSTRUCTION AREA SIGNS
NO SCALE

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY



USERNAME => trmikes1
DGN FILE => 44s4301a001.dgn

CU 04226

EA 4S4301

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR
 ROLAND AU-YEUNG
 CALCULATED/DESIGNED BY
 CHECKED BY
 JERILYN STRUVEN
 JERILYN STRUVEN
 REVISED BY
 DATE REVISED
 A
 A

BORDER LAST REVISED 4/11/2008

LAST REVISION | DATE PLOTTED => 06-APR-2011
 06-28-10 | TIME PLOTTED => 06:12

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	15	34

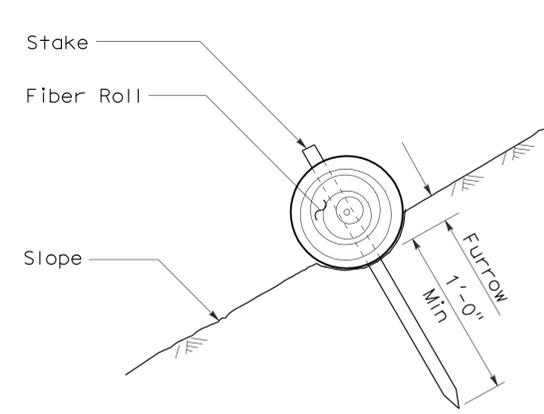
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



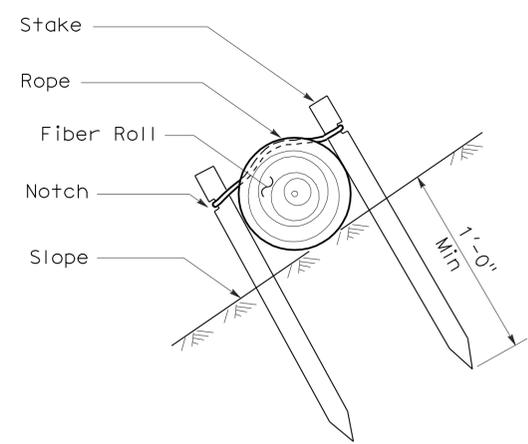
To accompany plans dated 4-4-11

NOTES:

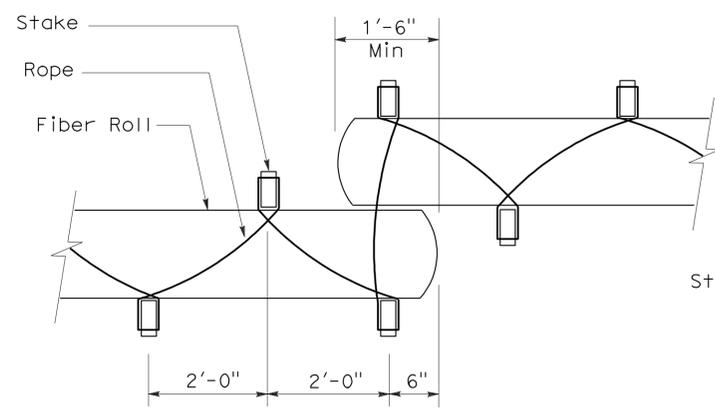
1. Fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



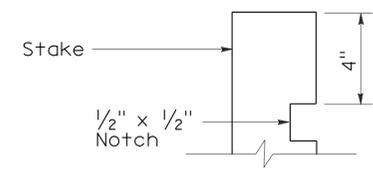
SECTION
FIBER ROLL
(TYPE 1)



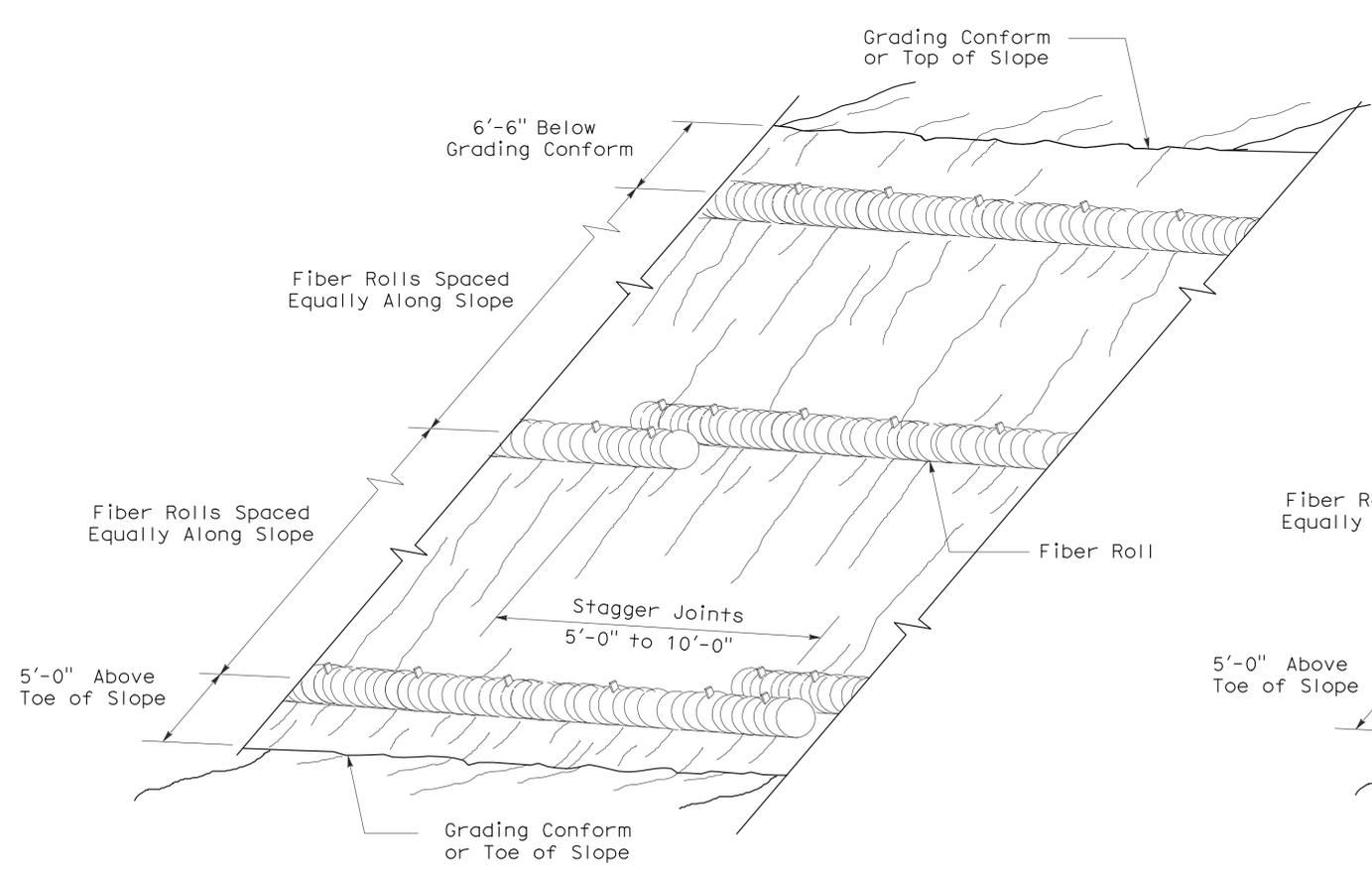
SECTION



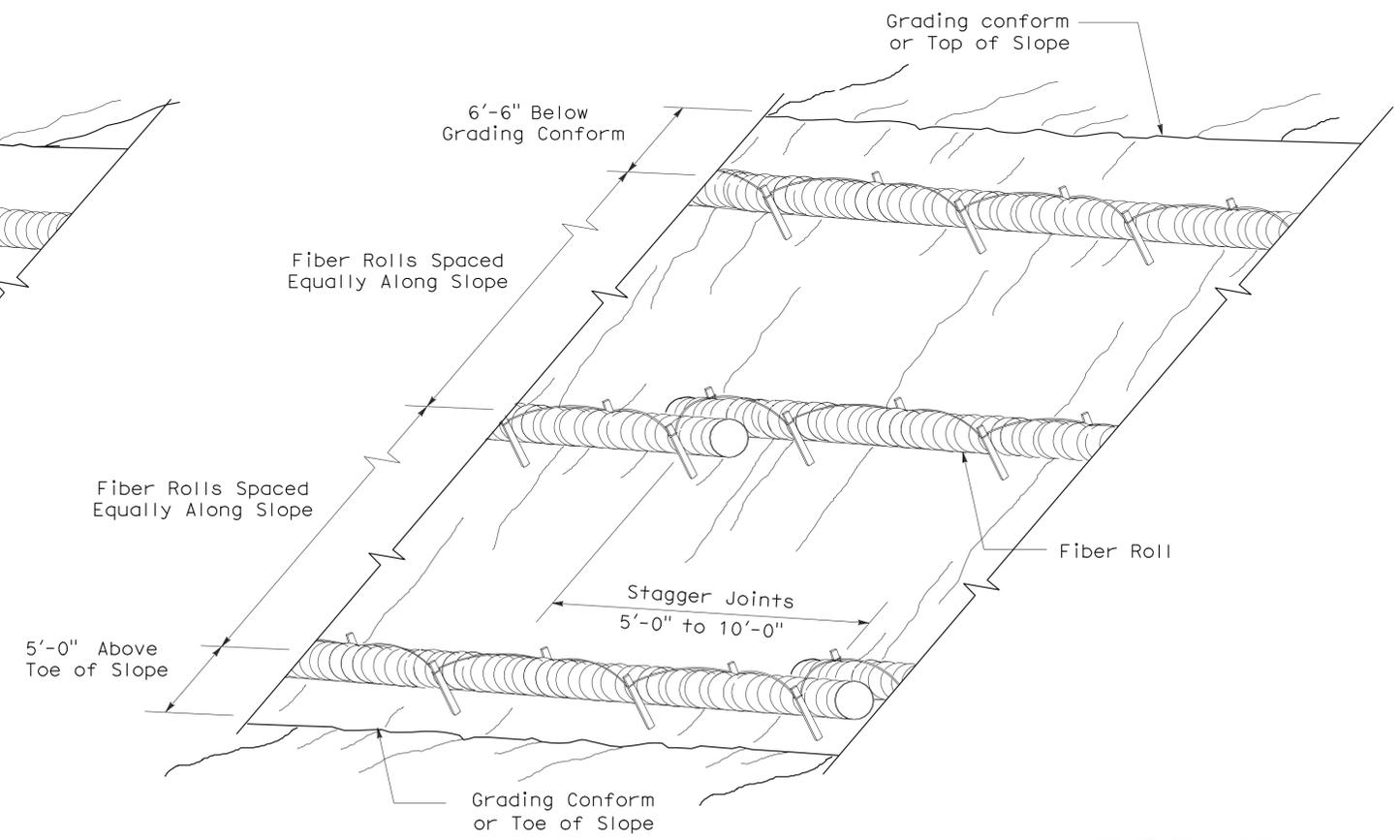
PLAN



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)

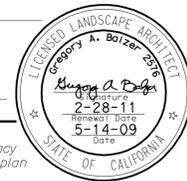
NO SCALE

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

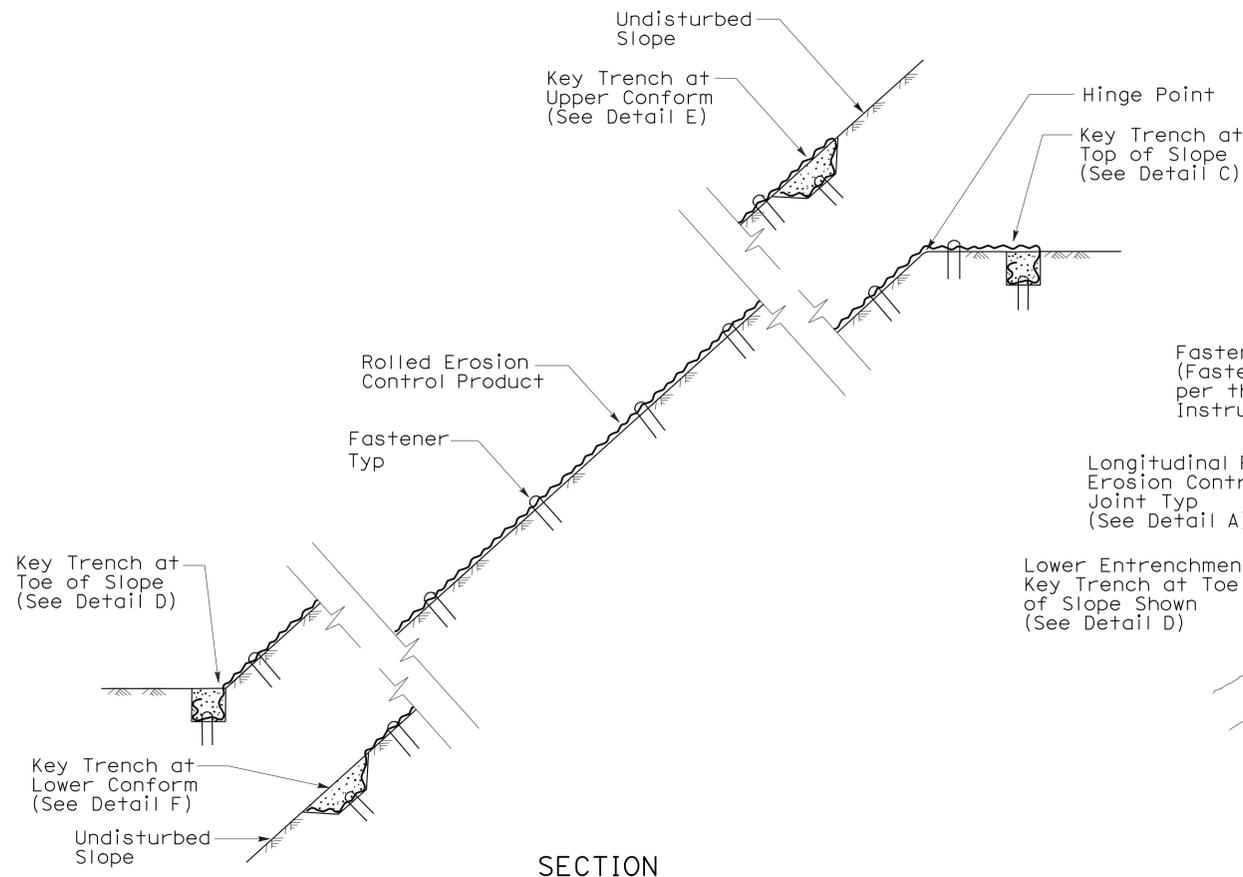
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	16	34

Suzanne 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.

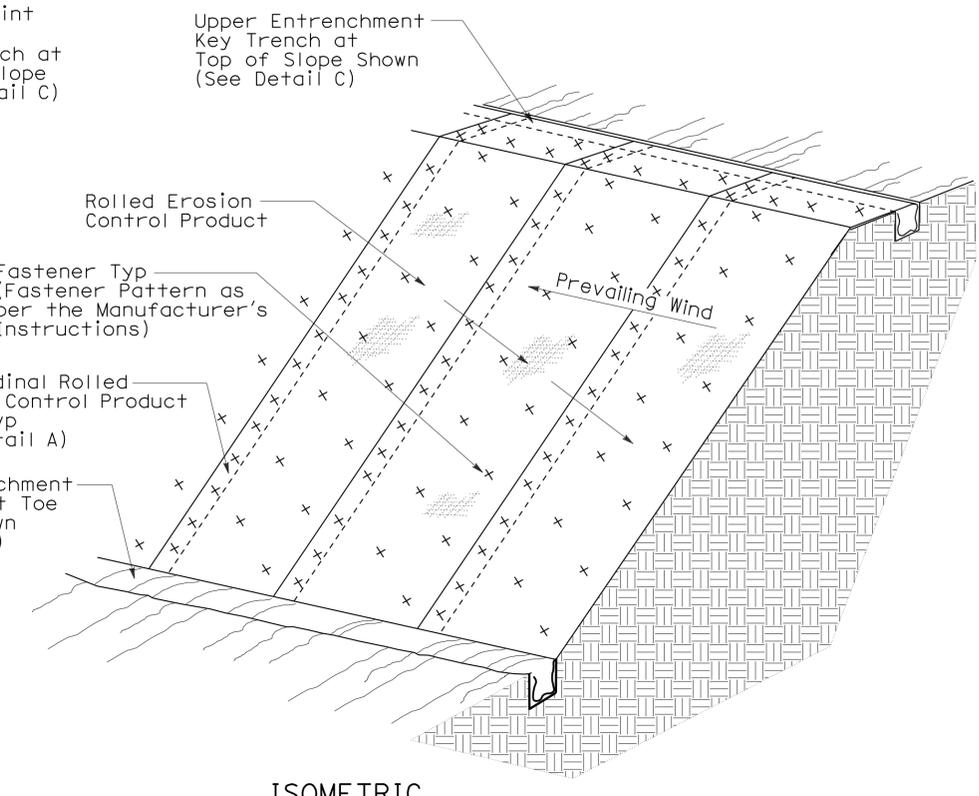


To accompany plans dated 4-4-11

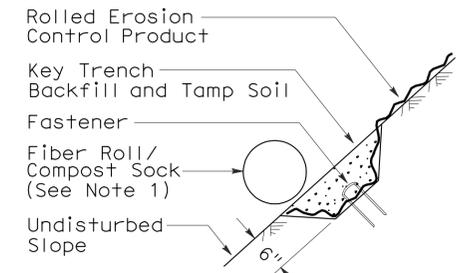
- NOTE:**
1. Fiber Roll/Compost Sock shown for reference purposes only.
 2. If transverse rolled erosion control product joints are required on slopes, see Detail B.



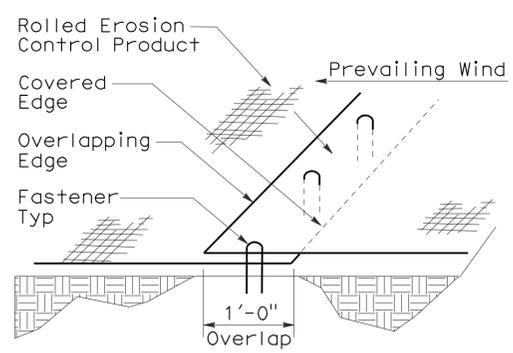
SECTION
ROLLED EROSION CONTROL PRODUCT
ON SLOPE WITH VARIOUS KEY ENTRENCHMENTS



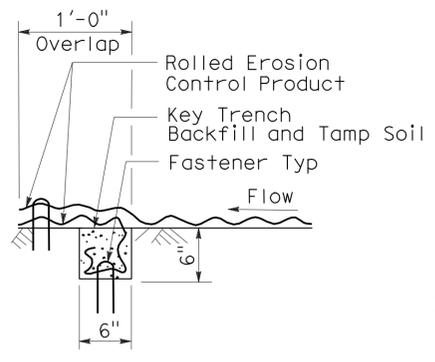
ISOMETRIC
ROLLED EROSION CONTROL PRODUCT
ON SLOPE



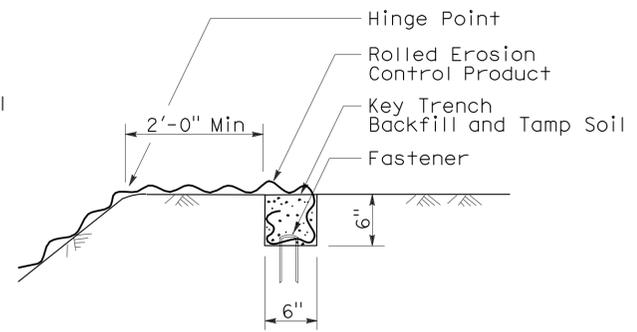
SECTION
DETAIL F
KEY TRENCH AT
LOWER CONFORM



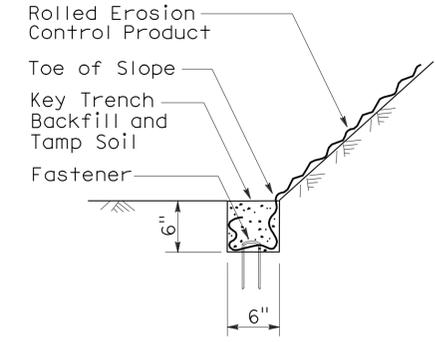
PERSPECTIVE
DETAIL A
LONGITUDINAL ROLLED EROSION
CONTROL PRODUCT JOINT



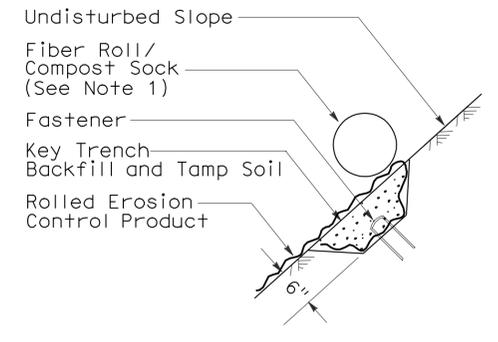
SECTION
DETAIL B
TRANSVERSE ROLLED EROSION
CONTROL PRODUCT JOINT



SECTION
DETAIL C
KEY TRENCH AT
TOP OF SLOPE



SECTION
DETAIL D
KEY TRENCH AT
TOE OF SLOPE



SECTION
DETAIL E
KEY TRENCH AT
UPPER CONFORM

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
ROLLED EROSION CONTROL PRODUCT
 NO SCALE
 NSP H53 DATED JUNE 5, 2009 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP H53

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	17	34

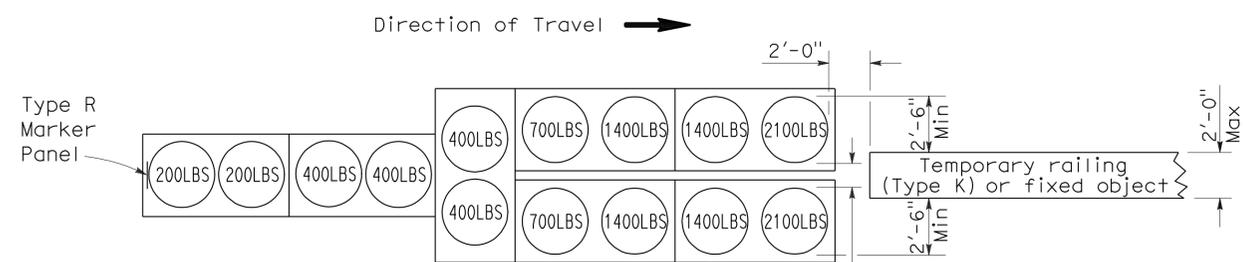
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

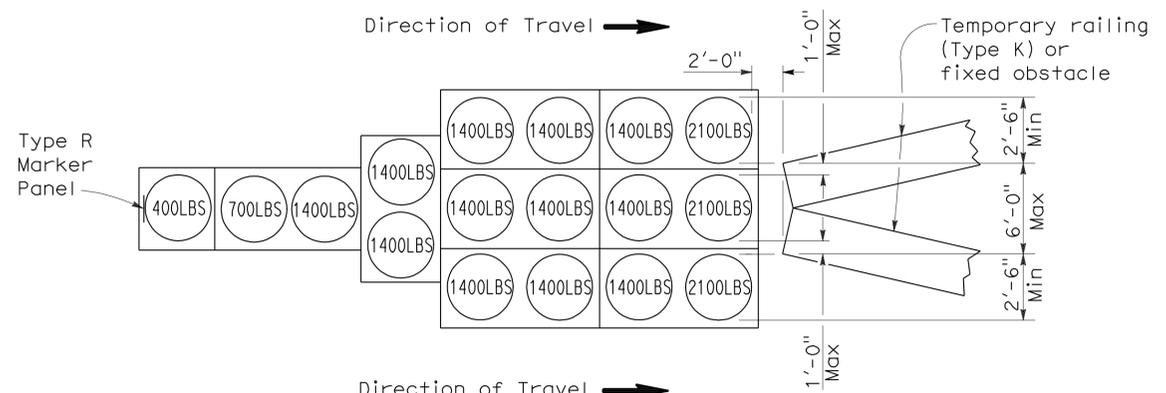
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 4-4-11



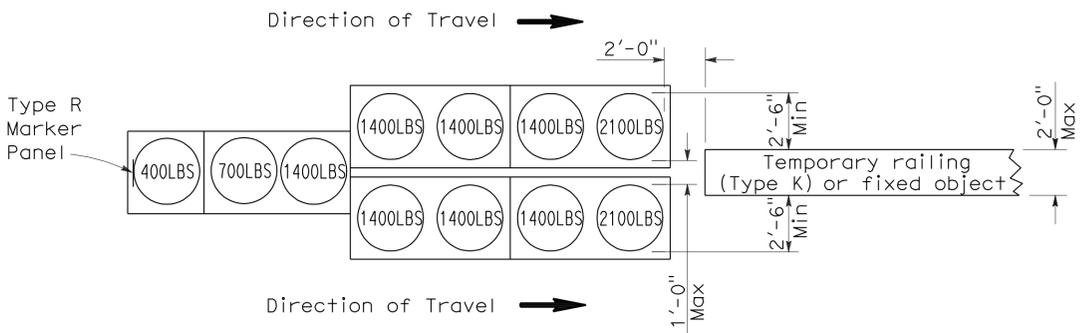
ARRAY 'TU14'

Approach speed 45 mph or more



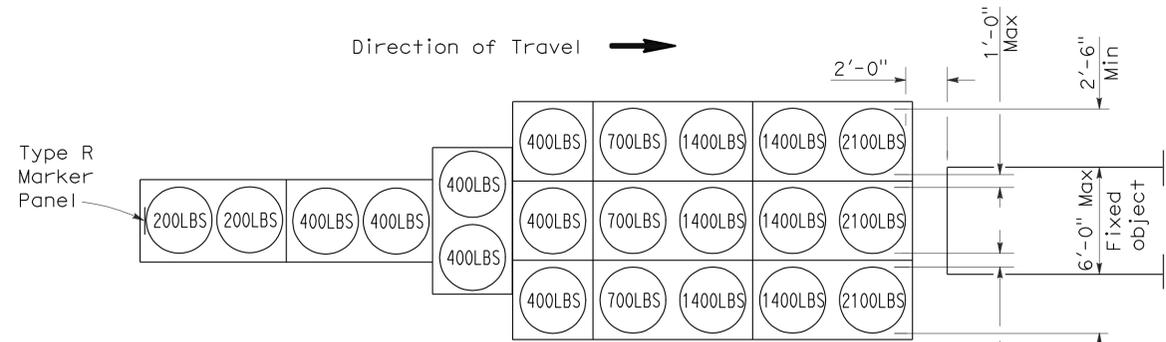
ARRAY 'TU17'

Approach speed less than 45 mph



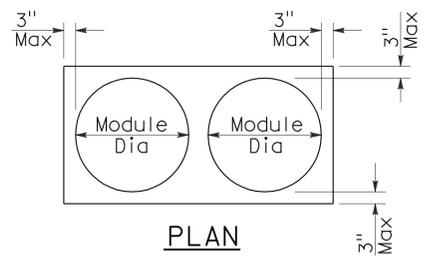
ARRAY 'TU11'

Approach speed less than 45 mph

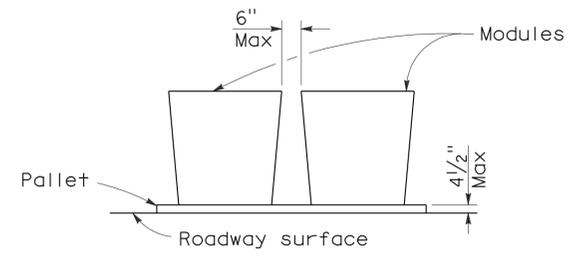


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

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

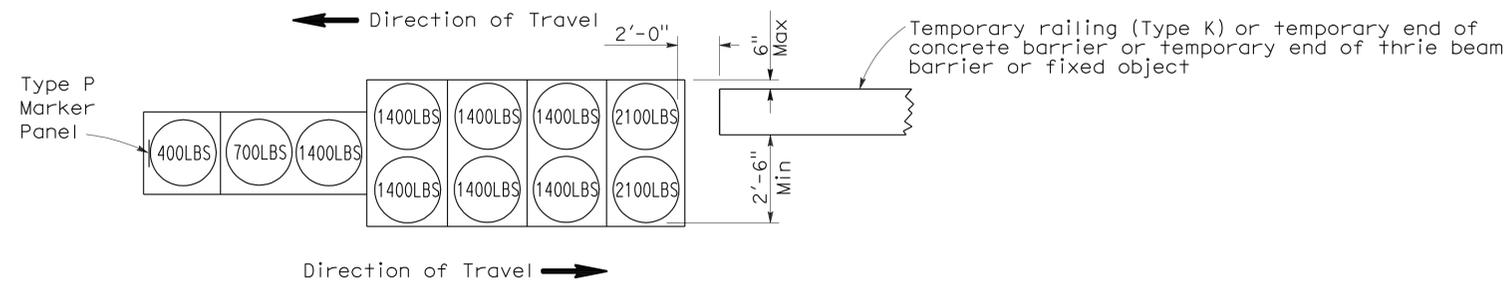
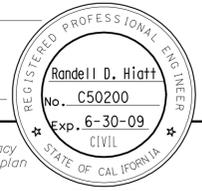
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	18	34

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

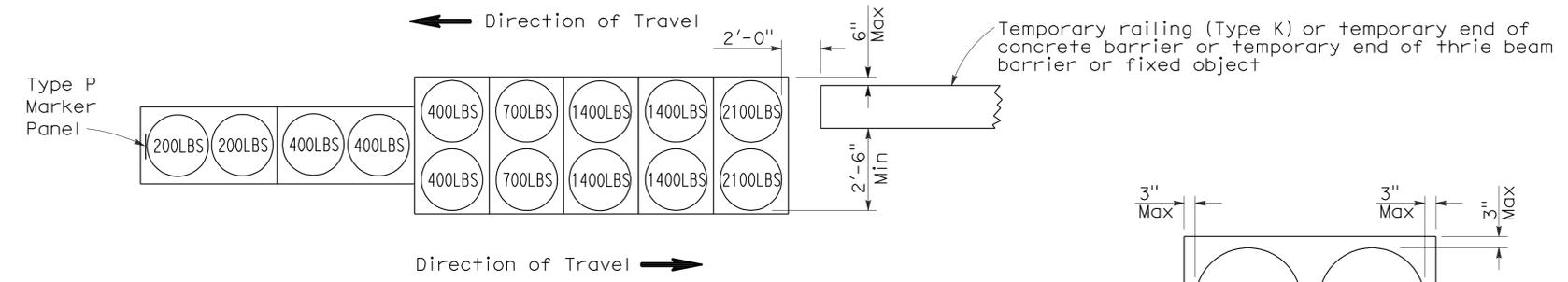
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 4-4-11



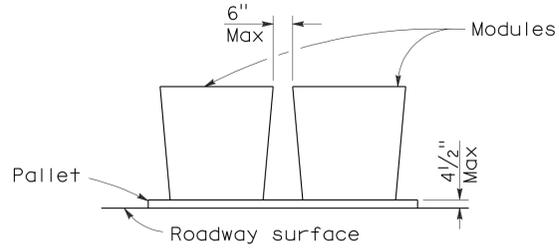
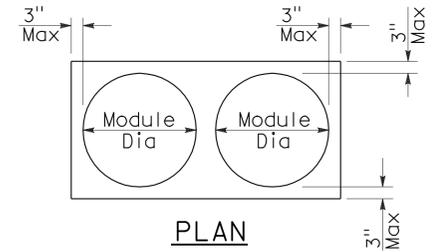
ARRAY 'TB11'

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	SM	1	13.6/14.0	19	34

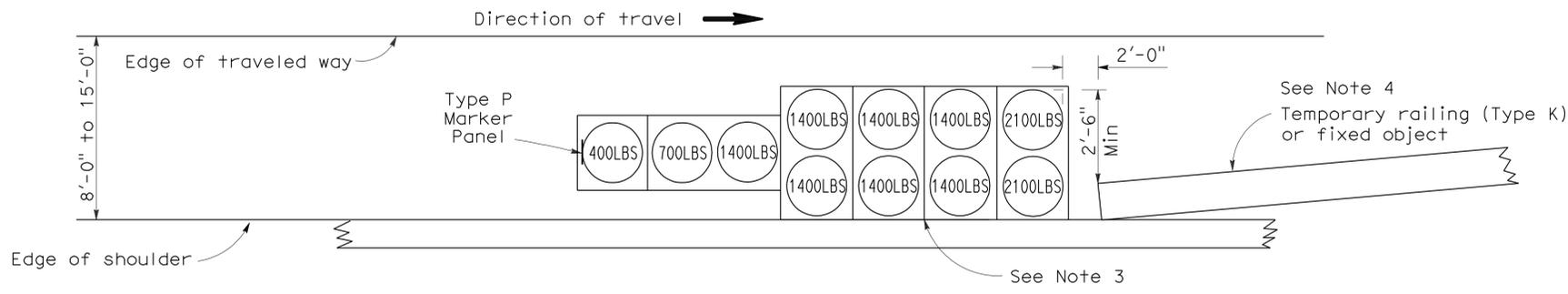
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

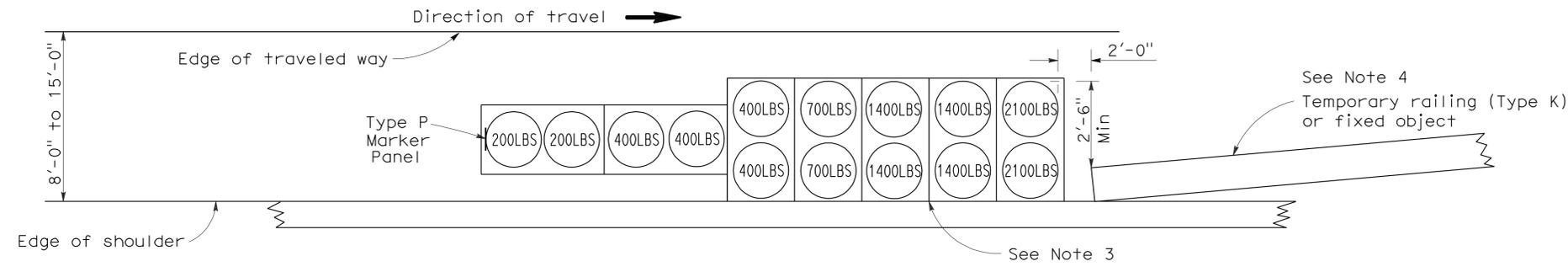
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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 4-4-11



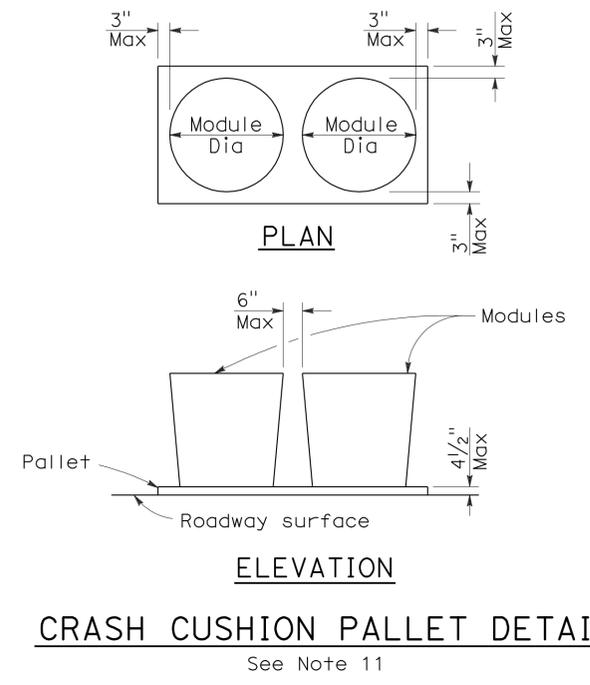
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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.

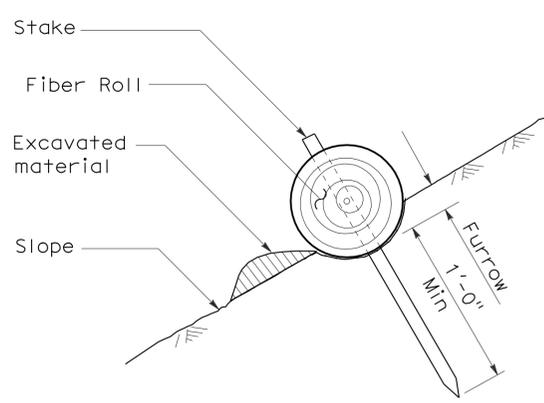
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

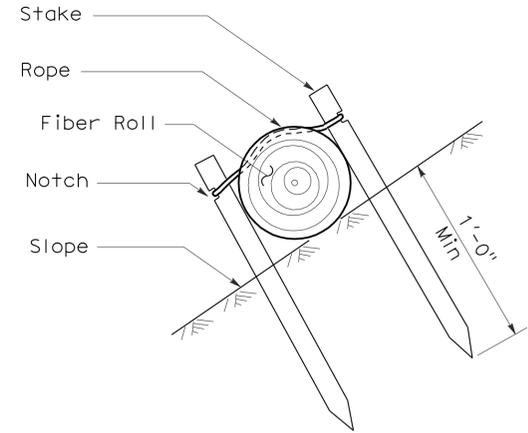
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	20	34

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 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.

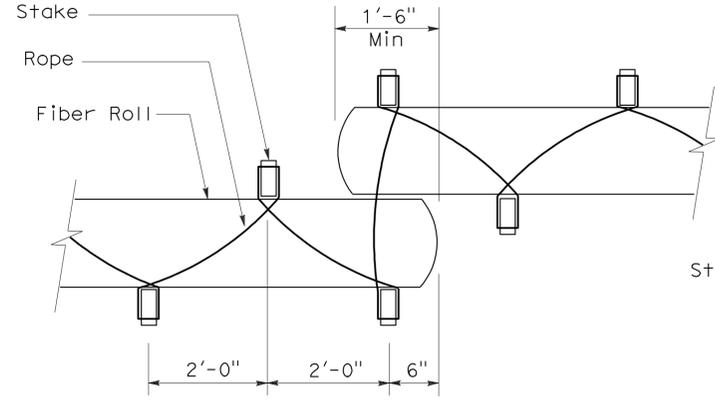
To accompany plans dated 4-4-11



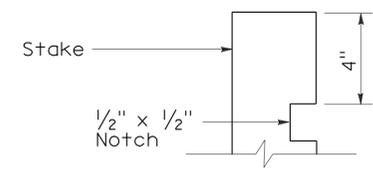
SECTION
TEMPORARY FIBER ROLL
(TYPE 1)



SECTION
TEMPORARY FIBER ROLL
(TYPE 2)

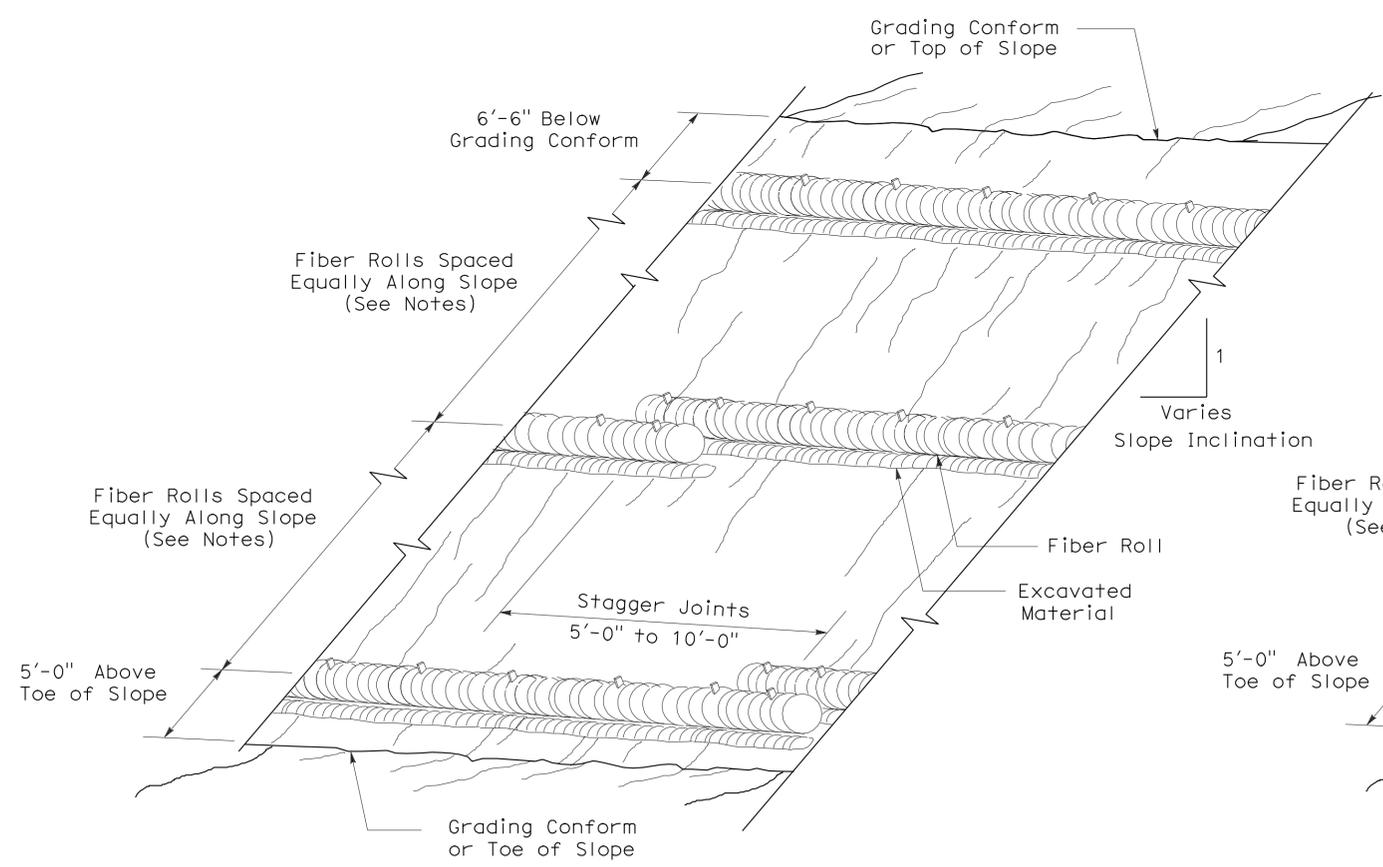


PLAN

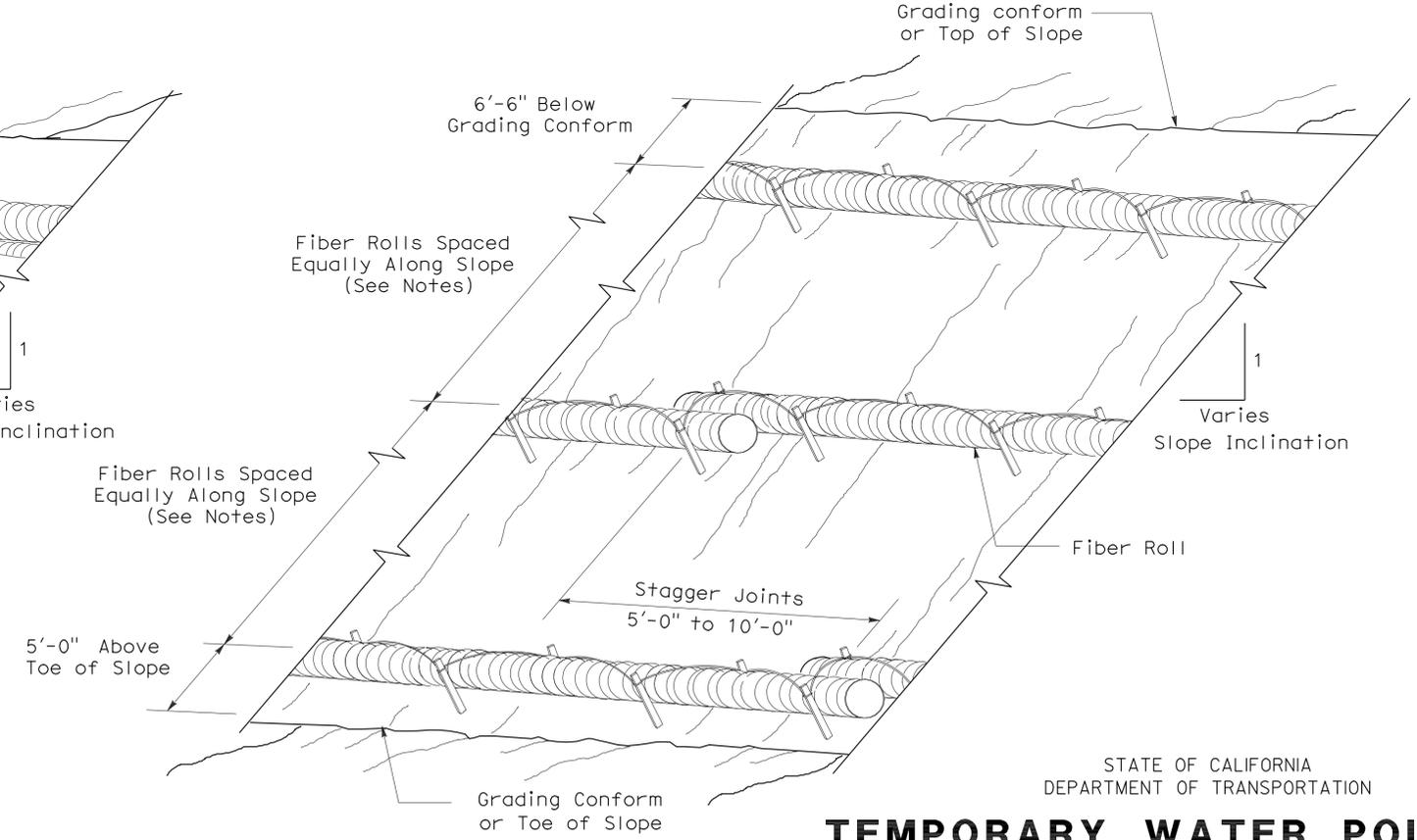


ELEVATION
STAKE NOTCH DETAIL

- 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

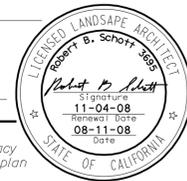
RSP T56 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN T56
 DATED MAY 1, 2006 - PAGE 232 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T56

2006 REVISED STANDARD PLAN RSP T56

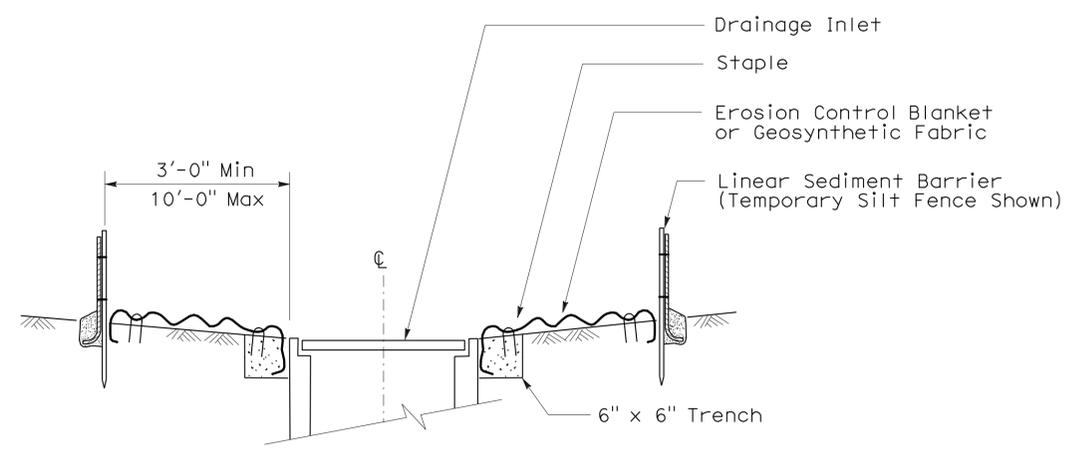
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	21	34

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.

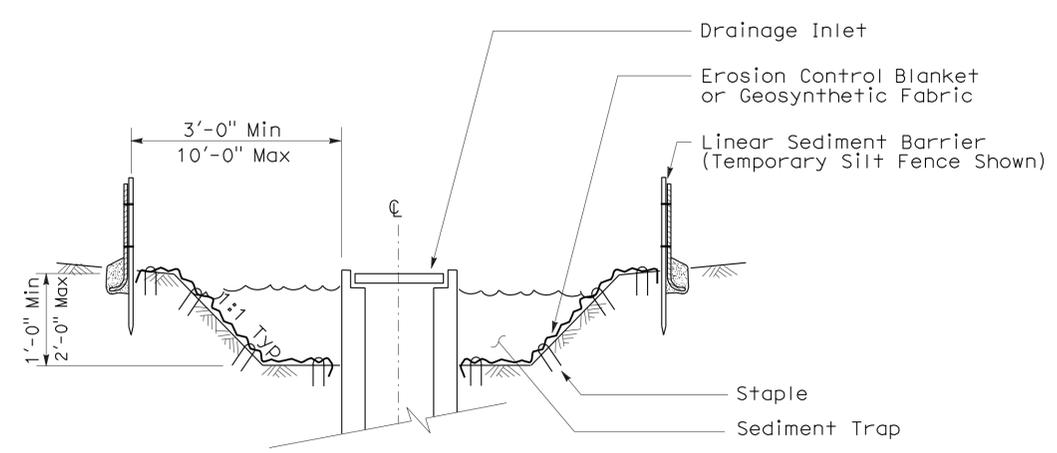


To accompany plans dated 4-4-11

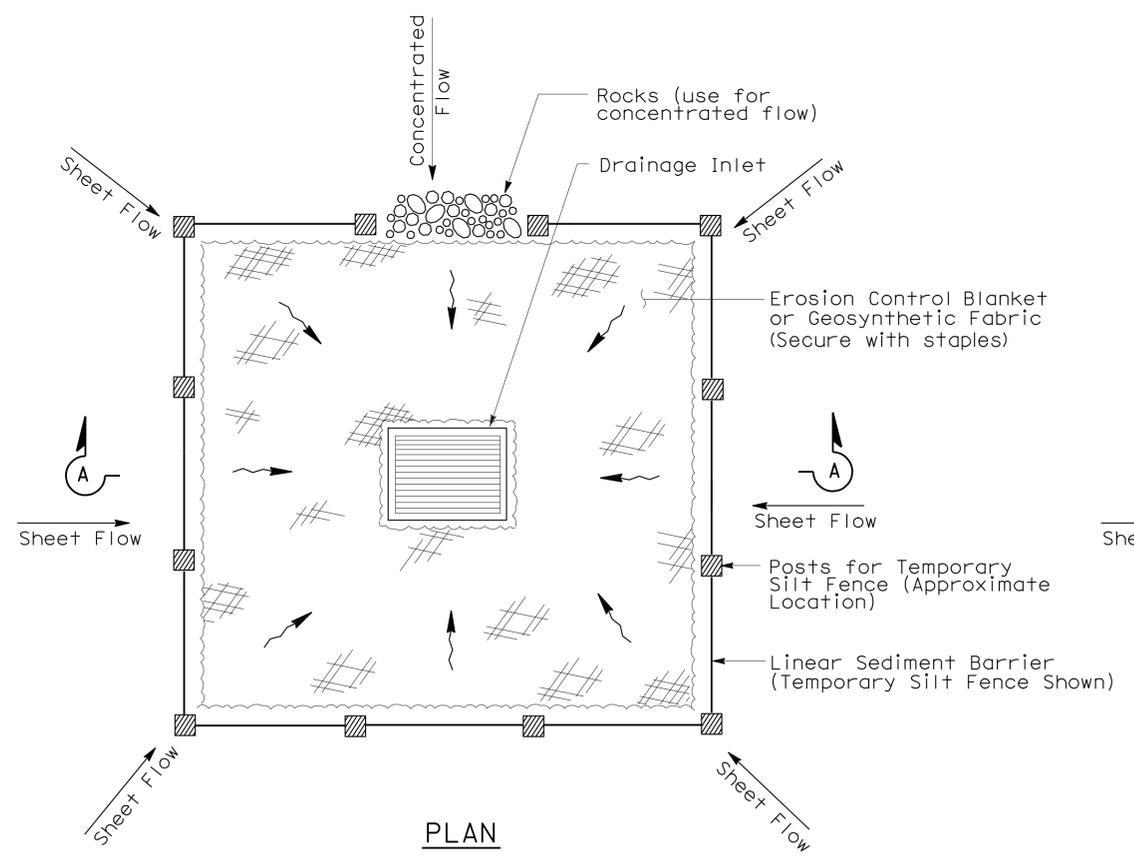
- NOTES:**
- See Standard Plan T51 for Temporary Silt Fence.
 - Dimensions may vary to fit field conditions.



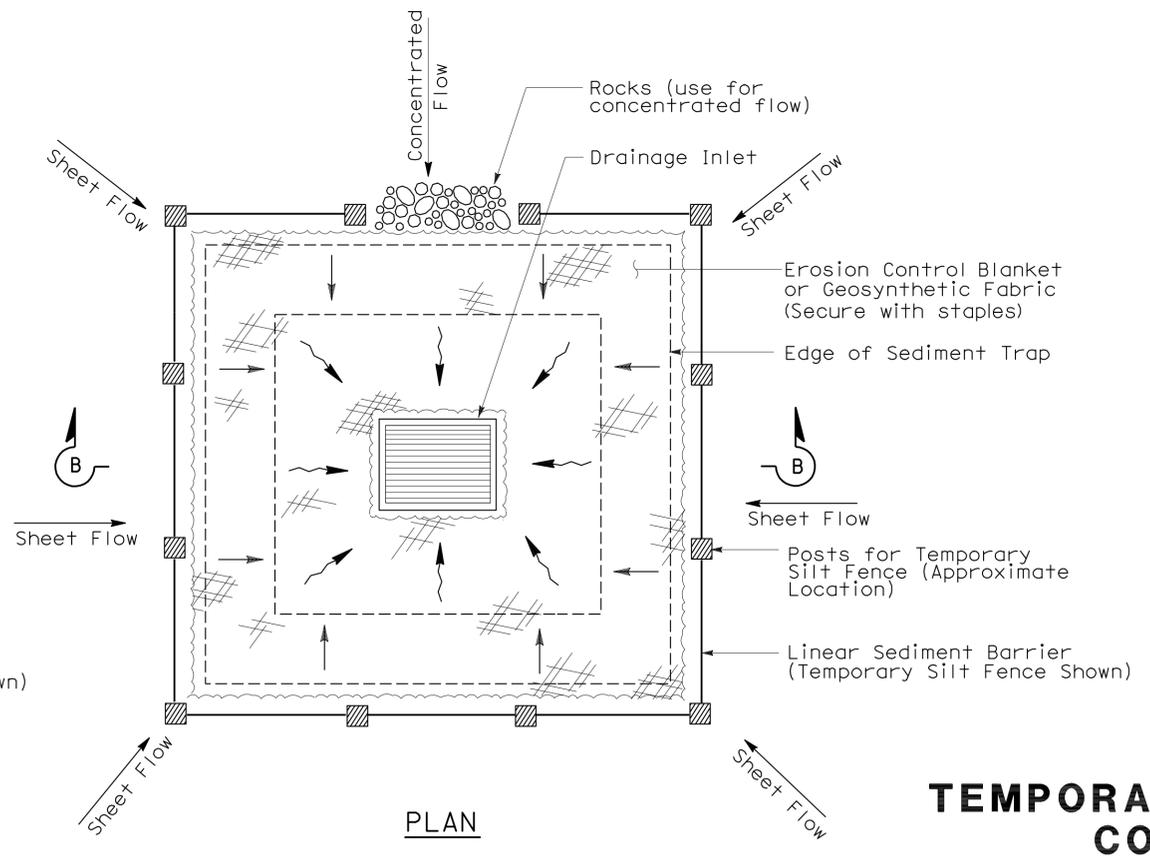
SECTION A-A



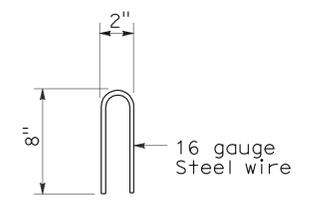
SECTION B-B



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



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



STAPLE DETAIL

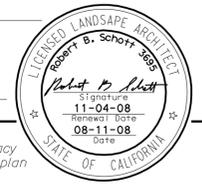
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
(TEMPORARY DRAINAGE INLET PROTECTION)
 NO SCALE

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	SM	1	13.6/14.0	22	34

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.

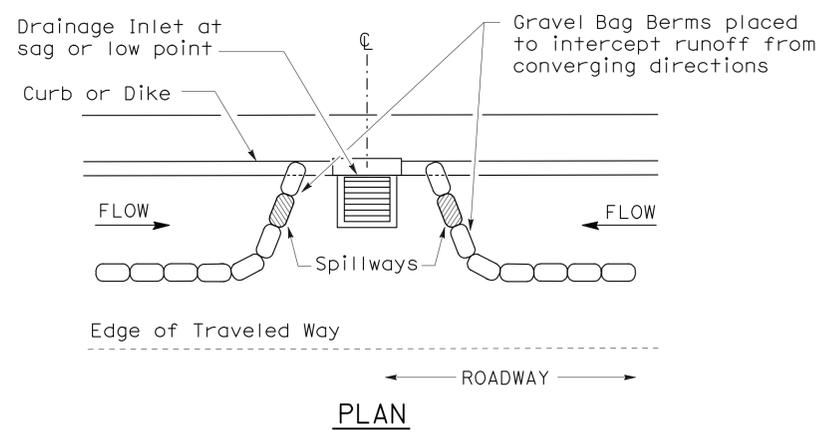


To accompany plans dated 4-4-11

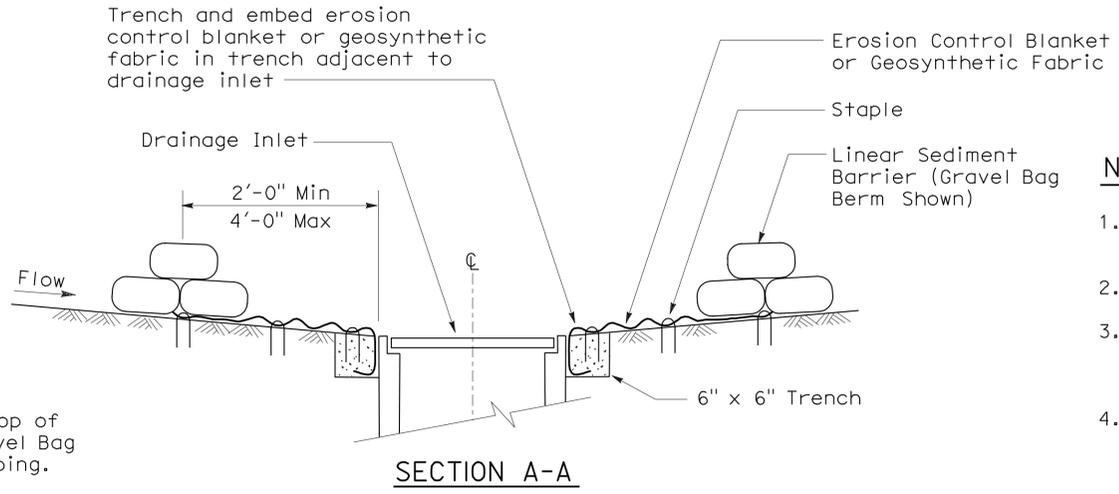
GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

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



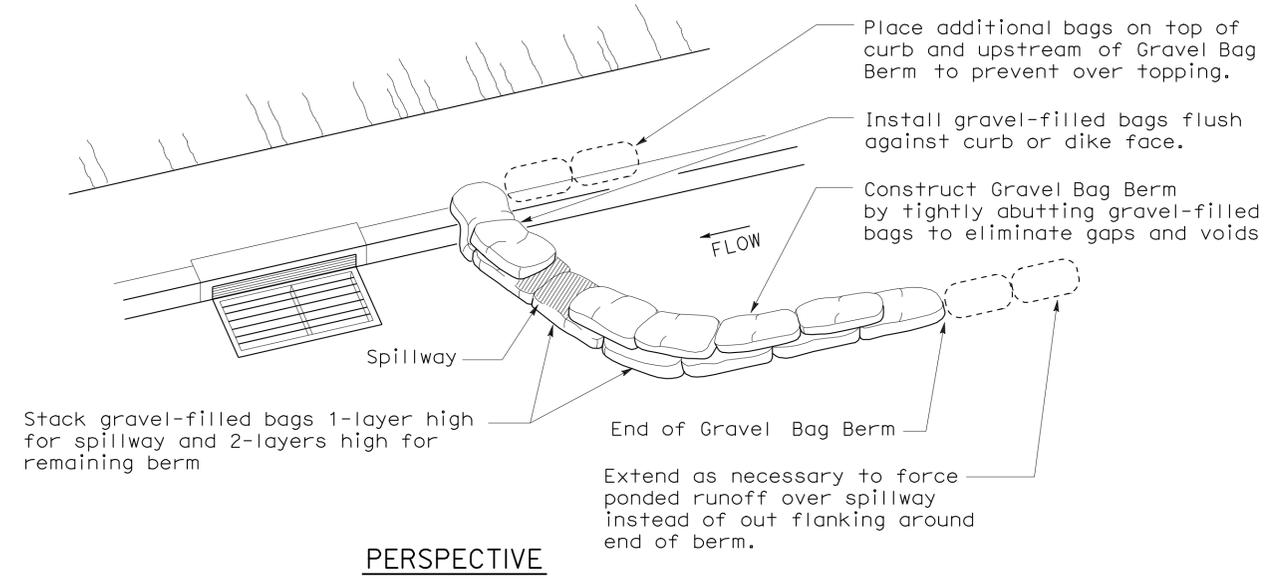
PLAN
CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)



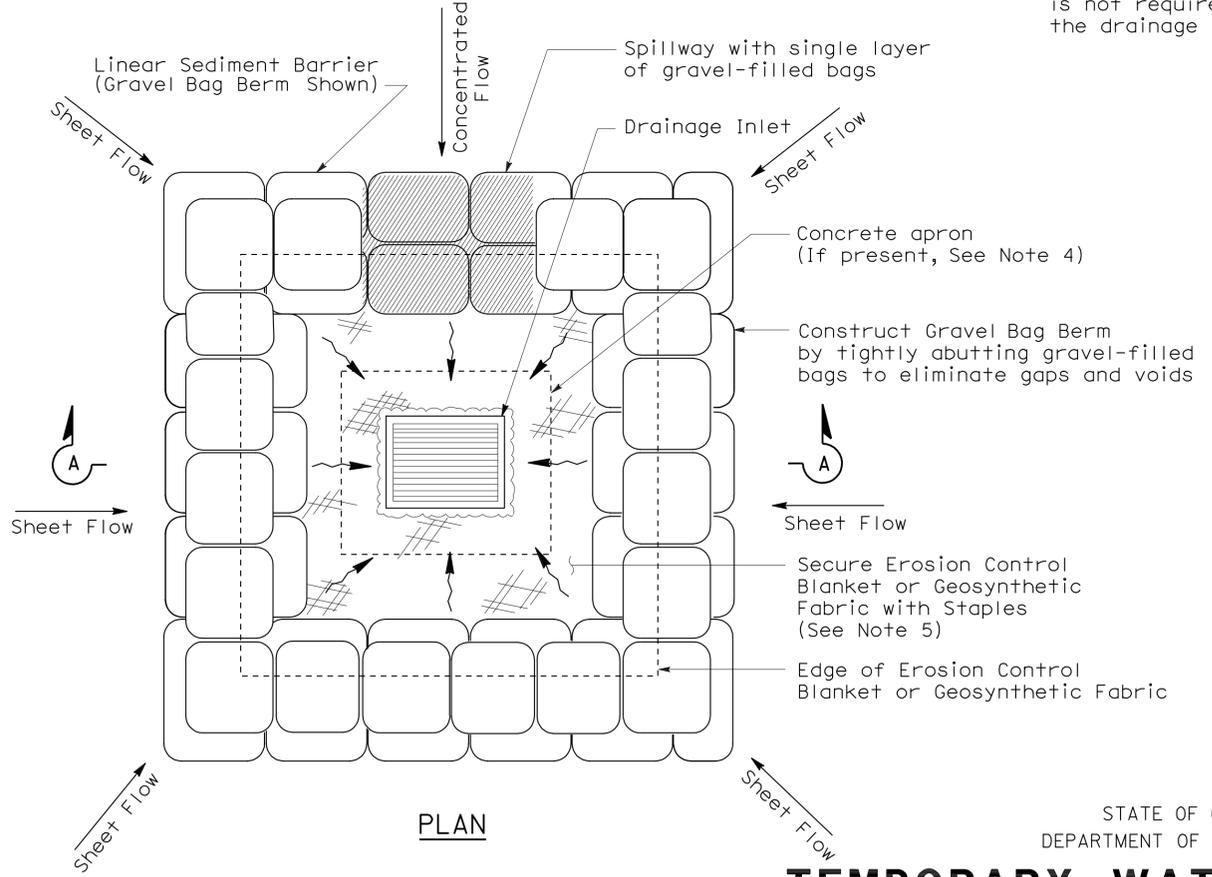
SECTION A-A

NOTES:

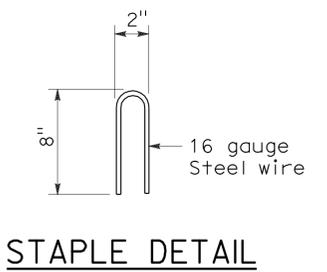
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.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



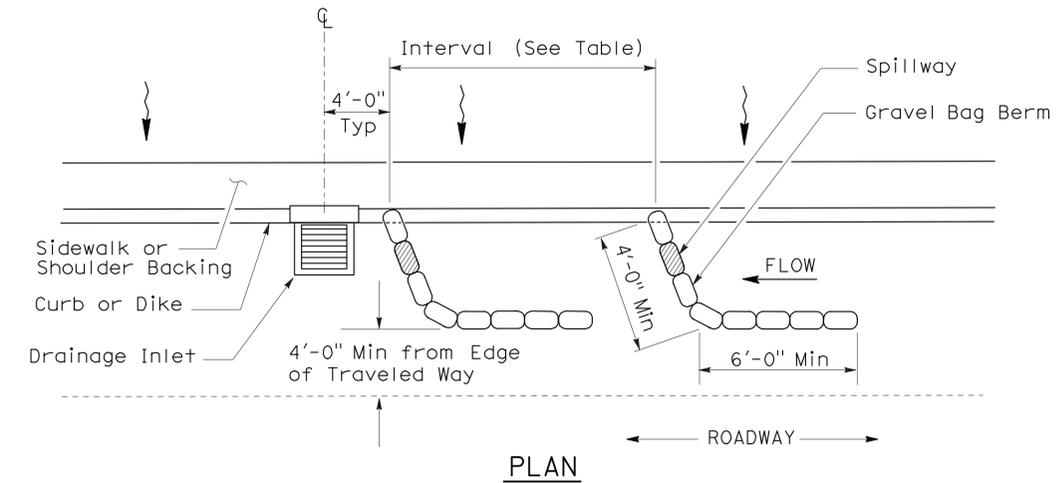
PERSPECTIVE



PLAN
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



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

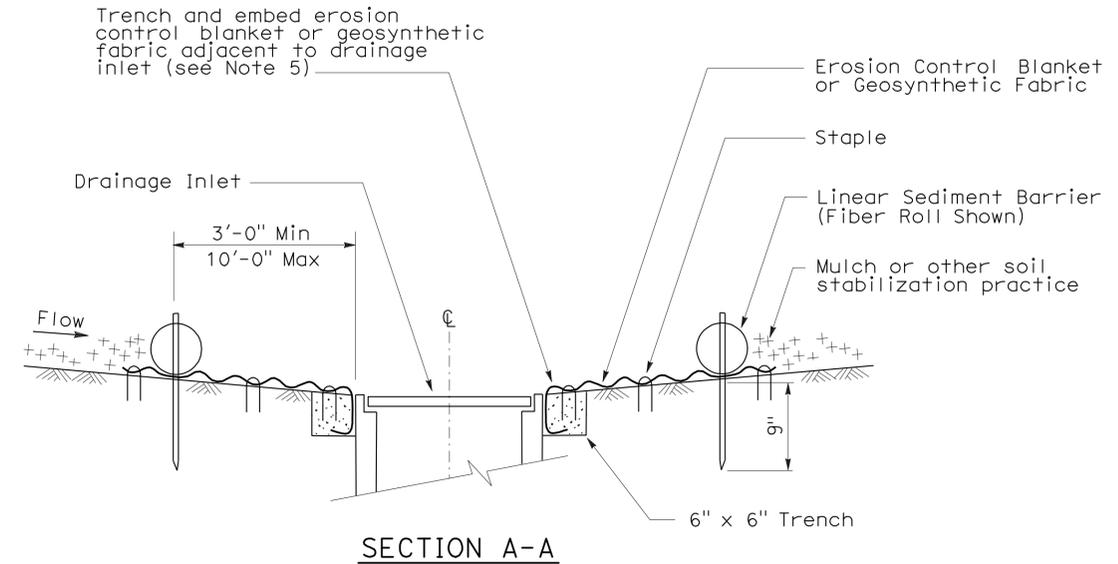
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

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

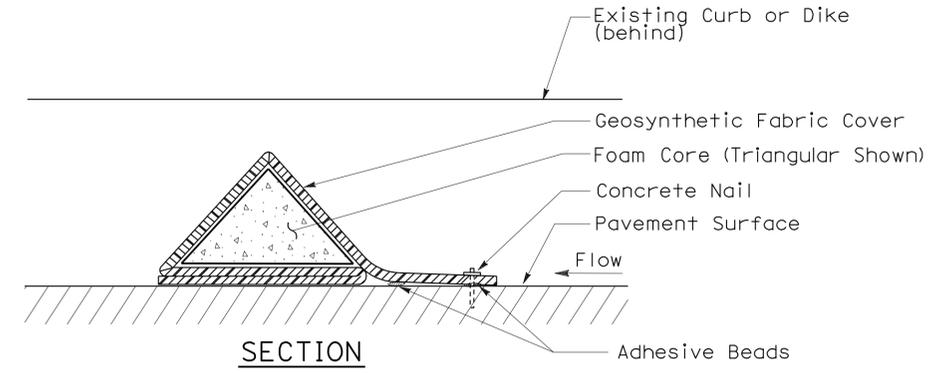
2006 NEW STANDARD PLAN NSP T62

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

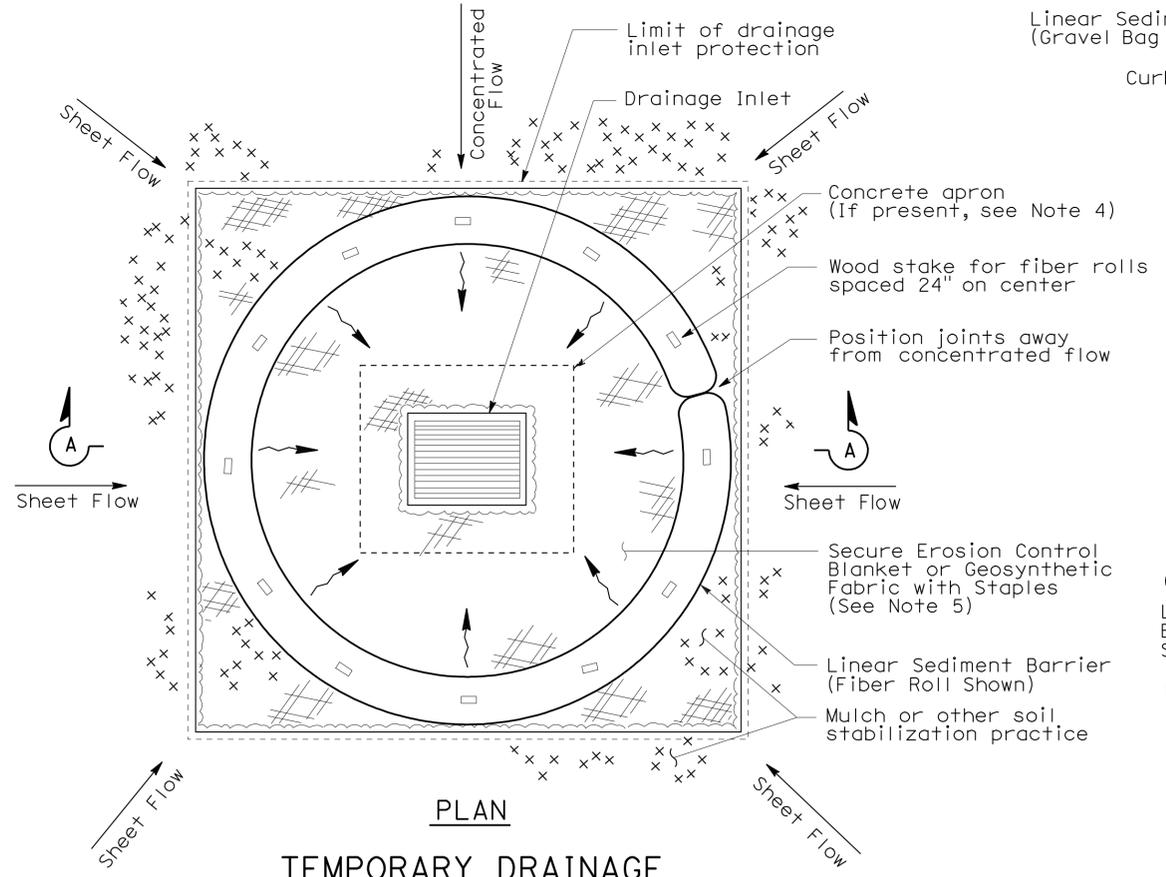


SECTION FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)

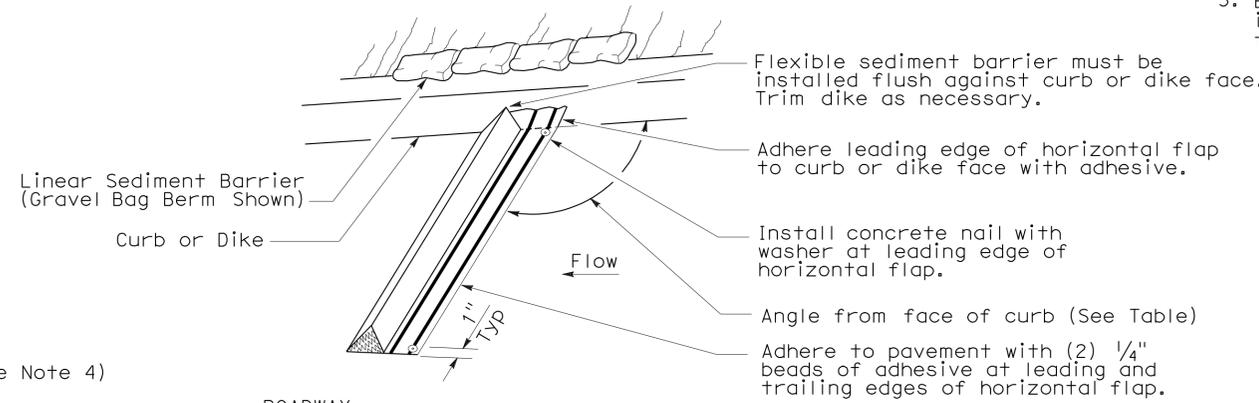
NOTES:

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.

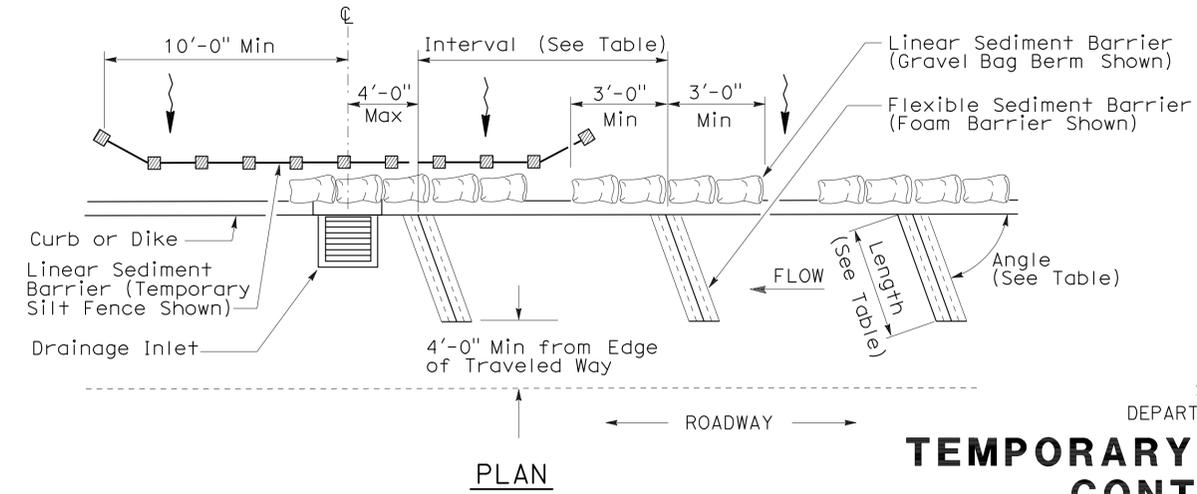
To accompany plans dated 4-4-11



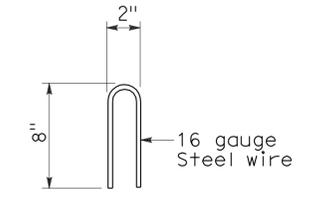
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



PERSPECTIVE



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.

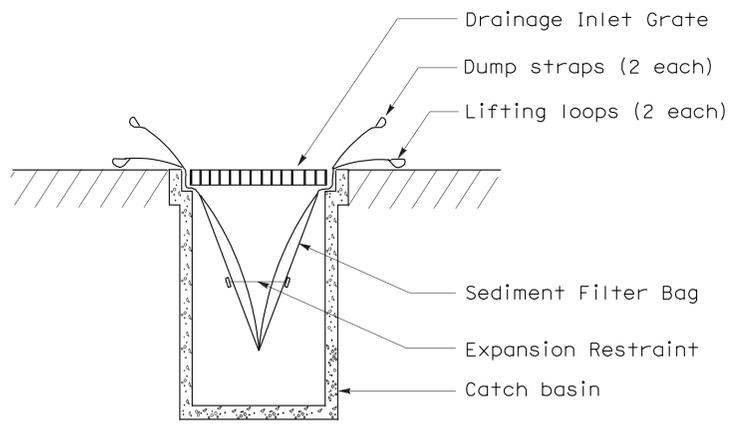
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	24	34

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT

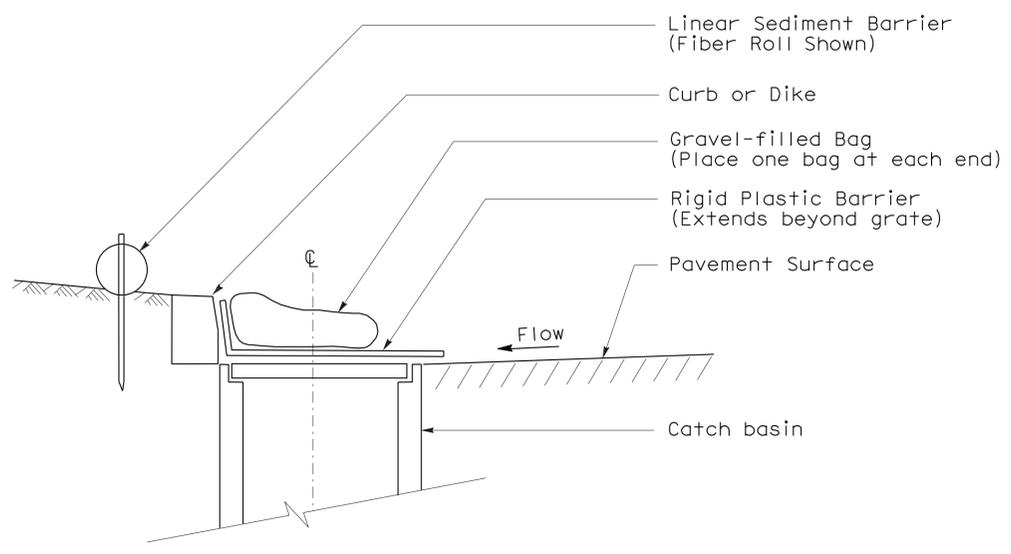
August 15, 2008
 PLANS APPROVAL DATE

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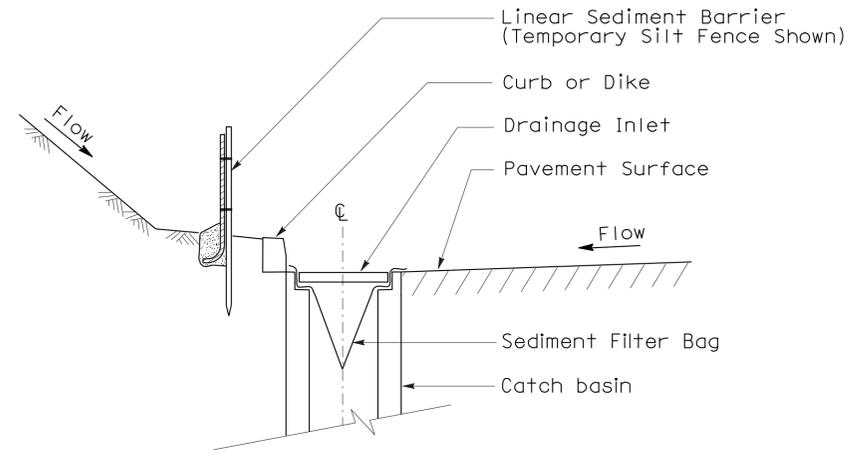
To accompany plans dated 4-4-11



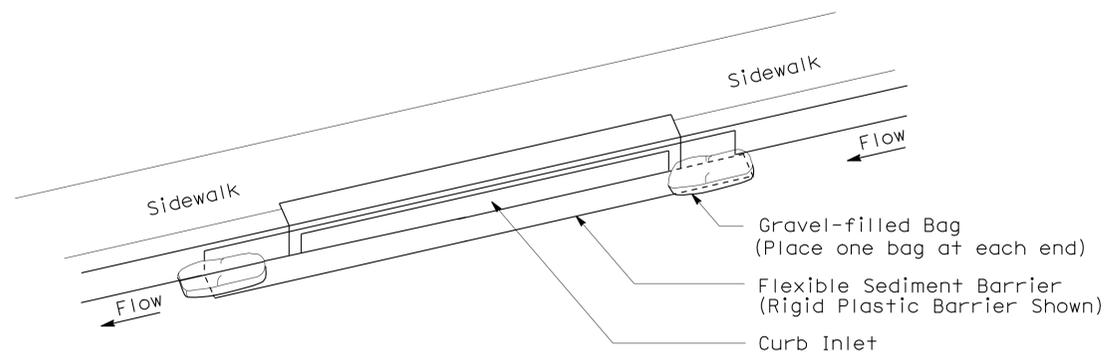
SECTION B-B
SEDIMENT FILTER BAG DETAIL



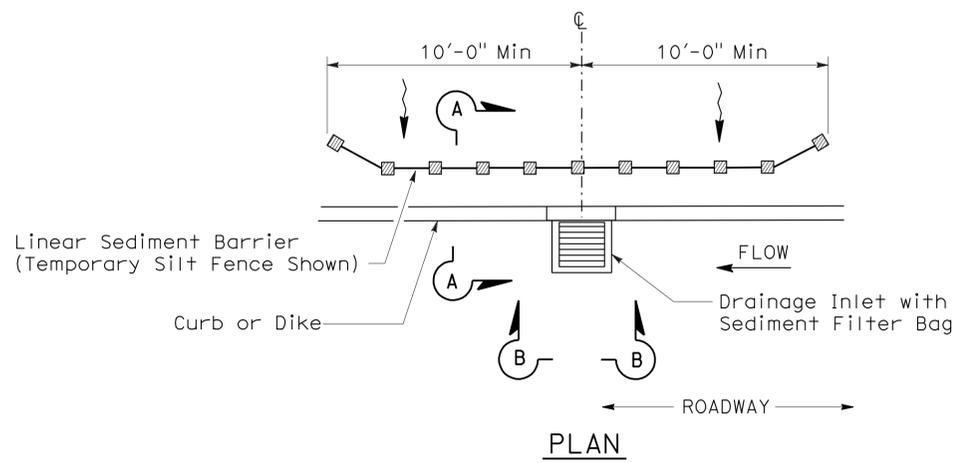
SECTION
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6A)
(CATCH BASIN WITH GRATE)



SECTION A-A



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



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

- 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

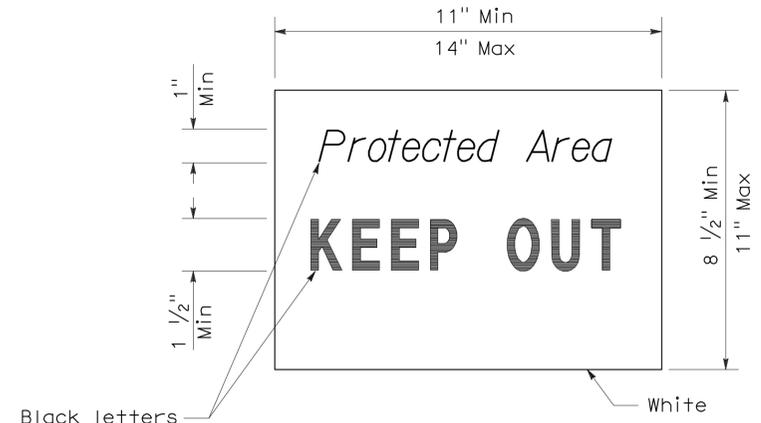
2006 NEW STANDARD PLAN NSP T64

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	25	34

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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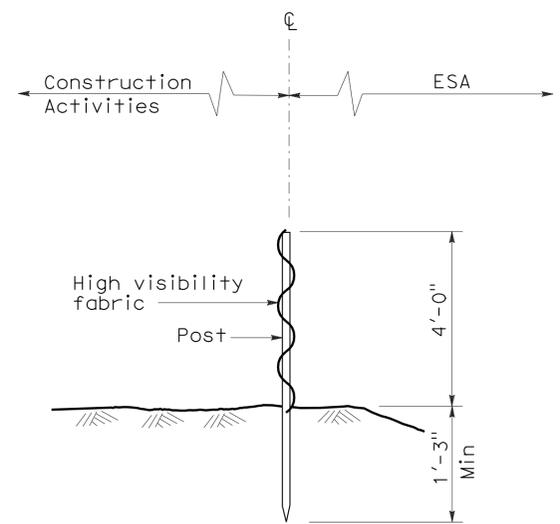
To accompany plans dated 4-4-11



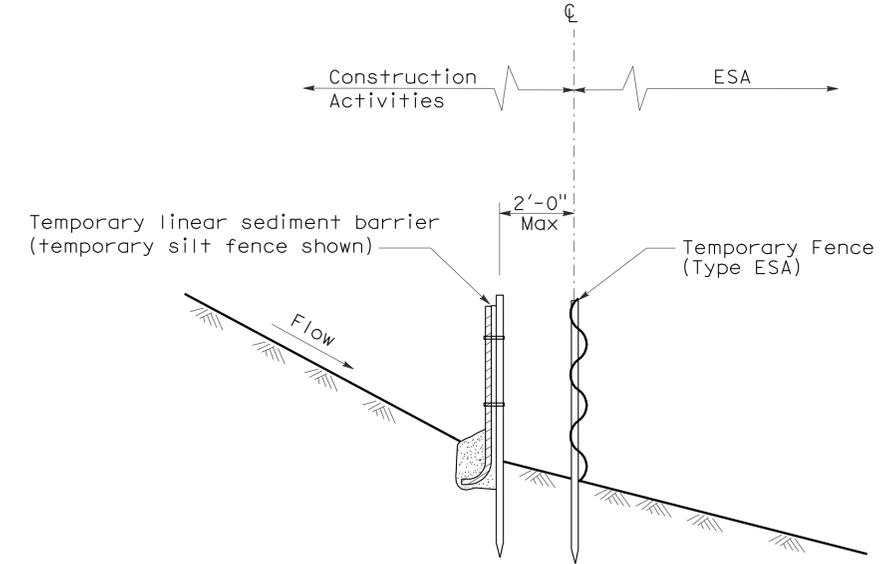
SIGN DETAIL

NOTE:

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

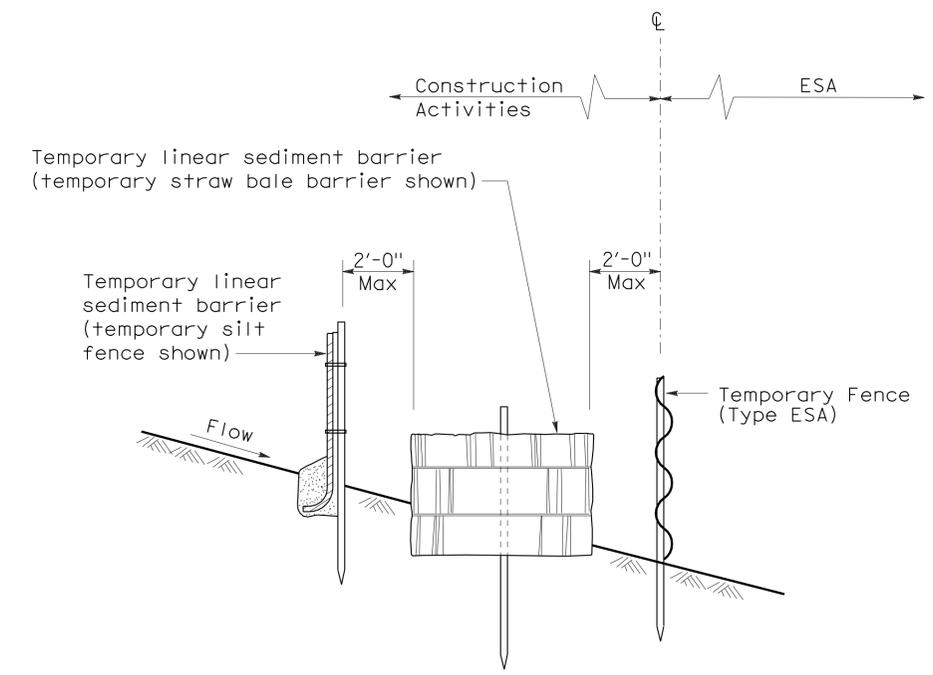


SECTION
TEMPORARY FENCE (TYPE ESA)



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.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	26	34

Tahir Rashid 05-12-10
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
 Tahir Rashid
 No. 61932
 Exp. 9-30-11
 CIVIL
 STATE OF CALIFORNIA

4-4-11
PLANS APPROVAL DATE

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ABBREVIATIONS

AAD	Adhesive Anchorage Device	HD	Holdown
AB	Anchor Bolt	Hex	Hexagon
AC	Asphalt Concrete	Horiz	Horizontal
Alt	Alternate	HSB	High Strength Bolt
APA	American Plywood Association	HSS	Hollow Structural Section
APC	Alternative Pipe Culvert	Jt	Joint
Bldg	Building	LOL	Layout Line
Blkg	Blocking	LVL	Laminated Veneer Lumber
BN	Boundary Nailing	m	Meter
Btm	Bottom	Max	Maximum
CB	Carriage Bolt	MEA	Mechanical Expansion Anchor
CIDH	Cast In Drilled Hole	Mech	Mechanical
CJ	Control Joint	Mfr	Manufacturer
Clr	Clear	mm	Millimeter
CMU	Concrete Masonry Unit	Min	Minimum
Conc	Concrete	MIW	Malleable Iron Washer
Const	Construction	OC	On Center
Cont	Continuous	OG	Original Grade
CP	Complete Penetration Weld	OH	Opposite Hand
Dbl	Double	Opt	Optional
DF	Douglas Fir	P	Pitch
Dia	Diameter	PDF	Powder Driven Fastener
DIP	Ductile Iron Pipe	Plwd	Plywood
DN	Diameter Nominal	PT	Pressure Treated
do	Diitto	PW	Puddle Weld
(E)	Existing	PWB	Prefabricated Wood I Beam
Ea	Each	RCP	Reinforced Concrete Pipe
EL	Elevation	Relnf	Reinforced, Reinforcing
Elec	Electrical	Req'd	Required
Embed	Embedment	SDSTS	Self Drill, Self Tap Screw
EN	Edge Nail	Sim	Similar
Eq	Equal	SPS	Structural Plywood Sheathing
Exp	Expansion	Sq	Square
FDGM	Free Draining Granular Material	Stagg	Staggered
FG	Finish Grade	Std	Standard
FL	Flow Line	SW	Stud Weld
Fir	Floor	Sym	Symmetrical
FN	Face (Field) Nail	T&G	Tongue-and-Groove
FOC	Face of Concrete	TN	Toe Nail
FOM	Face of Masonry	TS	Tube Steel
FOS	Face of Stud	Typ	Typical
Ftg	Footing	UON	Unless Otherwise Noted
Ga	Gage	Vert	Vertical
Galv	Galvanized		
GLM	Glue Laminated Member		
Gyp Bd	Gypsum Board		

SYMBOLS

	Blocking in Section or Elevation		CMU Wall on Plan Views
	Continuous Member in Section		Dropped Slab on Plan Views
	End of Member		Reinforced Concrete
	Bearing Wall		Sand
	Shear Wall		Structural Backfill
	Length Shearwall Schedule Symbol Reference		Structural Excavation
	Glue Laminated Member Section		Original Ground
	North Arrow		Limits of Structural Backfill (shown on plan view)
	Partial Section Cut		Free Draining Granular Material
	Full Section Cut		Bottom of Footing
	Revision Callout		Elevation or Working Point
	Grid Line Indicator		Existing Features
	Center Line		Holdown, Typ (Manufacturers are those noted in the order shown.)
	Station Line		Frame Connector (Manufacturers are those noted in the order shown.)
	Steel Plate		Detail Number or Note Number Additional Reference (if required) Sheet Number
	Diameter		
	Square		

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

STANDARD DRAWING				APPROVED		BRIDGE NO.		PESCADERO STATE BEACH				SHEET					
FILE NO. XS-25-0	DESIGN BY <i>Sean Samal</i>	CHECKED BY <i>George E. Rowe</i>	APPROVED BY <i>R.E. Travis</i>	CALIFORNIA		DIVISION OF ENGINEERING SERVICES		ARCHITECTURAL		AND		STRUCTURAL DESIGN		LEGEND		ST-1	
DRAWING DATE 1-04	SUBMITTED BY <i>Sean Samal</i>		DESIGN ENGINEER	DEPARTMENT OF TRANSPORTATION		POST MILE		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET		OF					
DOES SD Imperial Rev. 9/02				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU EA 04-4S4301		DISREGARD PRINTS BEARING EARLIER REVISION DATES		1-16-04		44s430st_01.dgn					

06-APR-2011 06:13

A

FRAMING NOTES

- Dimensions are typically shown to face of stud for exterior walls, to centerline of stud at interior walls, and to centerline of openings. Vertical dimensions are typically shown from rough floor or slab to top of plate or to underside of lintels. Dimensions shown as "clear" are from surface to surface.
- Bearing, shear and exterior walls shall be sheathed with 3/8" structural plywood sheathing.
- All roofs shall be sheathed with 5/8" structural plywood sheathing.
- Plywood for floors and roofs shall be placed face grain perpendicular to supports. Where possible, plywood shall be placed in full sheets and staggered one-half sheet length. Any partial plywood sheet shall not be less than 2'-0" in length or width unless fully blocked. Plywood for wainscots, siding and wall sheathing may be placed parallel to framing and with the C-C plugged face exposed. See Detail 2, sheet ST-1B.
- All wood members shall be Douglas Fir-Larch (DF) quality grade stamped. Grade stamps shall indicate compliance with the grading requirements of WWP, WCLIB or other approved lumber inspection agency.
- Structural plywood sheathing shall be APA grade stamped plywood conforming to Voluntary Product Standard PSI, Grade C-D, Exposure 1. Thickness and span rating shall be as shown on the plans.
- Wood grades (unless otherwise noted):
 - For horizontal members:

Jolsts & Rafters	Grade #2
Beams & Stringers	Grade #1
Ledgers	Grade #1
 - For vertical members:

2"x4" Studs	Construction Grade
2"x6" & larger studs	Grade #2
Posts & Timbers	Grade #1
 - Glue laminated beams:

Simple spans	24F-V4 DF/DF
Cantilevers & Continuous	24F-V8 DF/DF
- Glue laminated members shall be engineered, stress rated and factory laminated with adhesive for wet use.
- Exposed members shall be "architectural appearance" grade and non-exposed members shall be "industrial appearance" grade.
- All wood in direct contact with concrete or masonry shall be pressure treated Douglas Fir-Larch.
- Jolsts framed into the side of wood girders shall be supported by jolst hangers.
- Jolsts shall be supported laterally at the ends and at each support by solid blocking or other approved means except where the ends of jolsts are nailed to a header, band or rim jolst or to an adjoining stud. Solid blocking shall not be less than 2"x in thickness and the full depth of the jolst.
- Jolsts and roof rafters 1'-0" or deeper shall have full depth 2"x thick solid blocking at 8'-0" maximum spacing.
- Provide 2"x blocking to secure fixtures shown on the project plans.
- Jolsts under and parallel to bearing walls shall be doubled.
- When there are multiple holes and notches in one structural element or when there are holes and notches occurring in more than two consecutive structural elements, the Engineer's approval is required, unless the details are shown on plans.
- Notches or cuts in bearing or shear wall studs may be to a depth not exceeding 25% of its width. Wood studs in non-bearing and non-shear walls supporting only their weight may be notched or cut to a depth not greater than 40% (See note 16 above).
- Bored hole diameters shall not exceed 40% of the stud width in bearing walls and 60% in non-bearing walls. The top plates may not be bored or cut, without the Engineer's approval. Neither bearing nor shear wall top plates may be bored greater than 40%, unless detailed on the plans. Holes shall not be closer than 5/8" to the edge of the stud. (See note 16 above)
- When it is necessary to cut the sole plate, sill plate or wood stud for plumbing, heating or other pipes, a 1/16" thick x 1/2" wide galvanized metal stud shoe plate shall be fastened w/6-16d to the plate across the opening.
- Equivalent metal bridging or ties may be submitted to the Engineer for approval.

B

MINIMUM NAILING SCHEDULE

- All structural nailing shall be common wire. Alternate fasteners may be substituted as approved by the Engineer.
- For wood to wood joints, the spacing of nails shall not be less than the required nail penetration. Edge or end distances shall not be less than 1/2 the required nail penetration. Where pre-drilling is required to avoid splitting of the wood, the hole diameter shall not exceed three-fourths of the nail diameter.
- Nailing not noted below or on the project plans shall be a minimum of 2 nails at each contact, 8d for 1"x members and 16d for 2"x members.
- Jolsts or Rafters:
 - Bearing (sill, girder, top plate) Toe Nail 3-8d
 - Laps (parallel members over walls or beams) Face Nail 4-16d
For each additional 3" member depth beyond 6" member add 2-16d
 - Rim Jolst to floor Jolst, End Nail 2-16d
For each additional 4" member depth beyond 8" member add 1-16d
 - Rim Jolst to top plate, Toe Nail 8d @ 6" OC
 - Double Jolsts under bearing walls, staggered Face Nail. 16d @ 1'-0" OC
- Studs:
 - Double studs, Face Nail 16d @ 2'-0" OC
 - Top plate to stud, End Nail 2-16d
 - Stud to sole plate, Toe Nail 3-16d or 4-8d
 - Sole plate to stud, End Nail 2-16d
 - Stud to continuous header, Toe Nail 3-16d or 4-8d
 - Built-up corner studs, Face Nail 16d @ 2'-0" OC
- Plates:
 - Top plate doubled, Face Nail 16d @ 1'-4" OC
 - Top plate intersection, Face Nail 2-16d
 - Sole plate to rim jolst or blocking, Face Nail 16d @ 1'-4" OC
 - Sole plate to floor framing, Face Nail 16d @ 1'-4" OC
- Blocking:
 - To studs, jolsts or rafters, Toe Nail 3-16d or 4-8d
or End Nail 2-16d
For each additional 4" member depth beyond 8" member add, Toe Nail 2-8d
or End Nail 1-16d
 - To plates, Toe Nail 16d @ 1'-0" OC
- 2" Subfloor to each jolst or girder one blind and one Face Nail. 2-16d
- Structural Plywood Nailing:
 - Spacing at subflooring, decking, roof and wall structural plywood sheathing to framing:

LOCATION	3/8" Plwd	7/16" - 1" Plwd
At supported edges (edge nailing) & over bearing (beams, girders, walls, etc.)	8d @ 6" OC	10d @ 6" OC
At intermediate supports (field nailing)	8d @ 6" OC	10d @ 1'-0" OC
Where bearing is 4'-0" or greater (field nailing)	_____	10d @ 6" OC
 - Structural plywood edge nailing shall be staggered at supports, Detail 2, Sheet ST-1B; at double plates, Detail 3, Sheet ST-1B; and at double studs located at wall intersections and corners, Details 9A and 9B, Sheet ST-1B.
 - Decking and Underlayment: Use deformed shank nail
 - Panel siding to framing: Use zinc coated nail (see Sheet ST-1B for nail size and spacing)
- Finish Plywood Nailing (non-structural):
 - Finish plywood to framing where the thickness is 1/2" or less:
 - Finish nail at supported edges (edge nailing) 6d @ 6" OC
 - Finish nail at intermediate supports (field nailing) 6d @ 1'-0" OC
- Gypsum Sheathing (Structural):
 - Wall structural gypsum board sheathing to framing where the thickness 5/8" or less:
 - Cooler nail, parker nail or wallboard nail with a flat or concave head and diamond point at all edges and intermediate supports (field nailing) 6d @ 4" OC

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	27	34



Tahir Rashid
REGISTERED CIVIL ENGINEER
DATE 05-12-10

4-4-11
PLANS APPROVAL DATE

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C

MECHANICAL FASTENER NOTES

- The clearance holes for lag screw shanks shall be the same diameter and depth as the unthreaded shank. The lead hole for the threaded portion shall be of a diameter equal to 60% of the shank diameter for screws up to 1/2" diameter, and 75% of the shank diameter for larger lag screws. The lead hole shall be at least the length of the threaded portion.
- Lag screws shall be turned into pre-drilled holes and not be driven.
- All bolts and lag screws shall be tightened and retightened before closing in, or at completion of job.
- All bolts and lag screws shall be provided with metal washers under heads and nuts which bear on wood.

MINIMUM WASHER FOR BOLTS & LAG SCREWS		
Size	Malleable Iron Washer	Steel Plate Washer
1/2" Ø	2 1/2" Ø x 5/16"	2" x 2" x 1/4"
5/8" Ø	2 3/4" Ø x 5/16"	2" x 2" x 1/4"
3/4" Ø	3" Ø x 7/16"	2" x 2" x 1/4"
7/8" Ø	3 5/16" Ø x 3/8"	3" x 3" x 1/4"
1" Ø	4" Ø x 1/2"	3" x 3" x 1/4"

Place under Bolt Heads & Nuts bearing on Wood

- Fastener alternatives for non-bearing and non-shear walls: Two minimum per member and at 9" from ends.
 - 1/8" Ø Powder driven anchor with 1" penetration @ 2'-0" OC.
 - 1/4" Ø expansion anchorage device embedded 1 1/2" minimum at 2'-0" OC.
 - 1/2" Ø anchor bolt with 2 1/2" embedment @ 4'-0" OC.
- Equivalent mechanical fasteners may be submitted to the Engineer for approval.

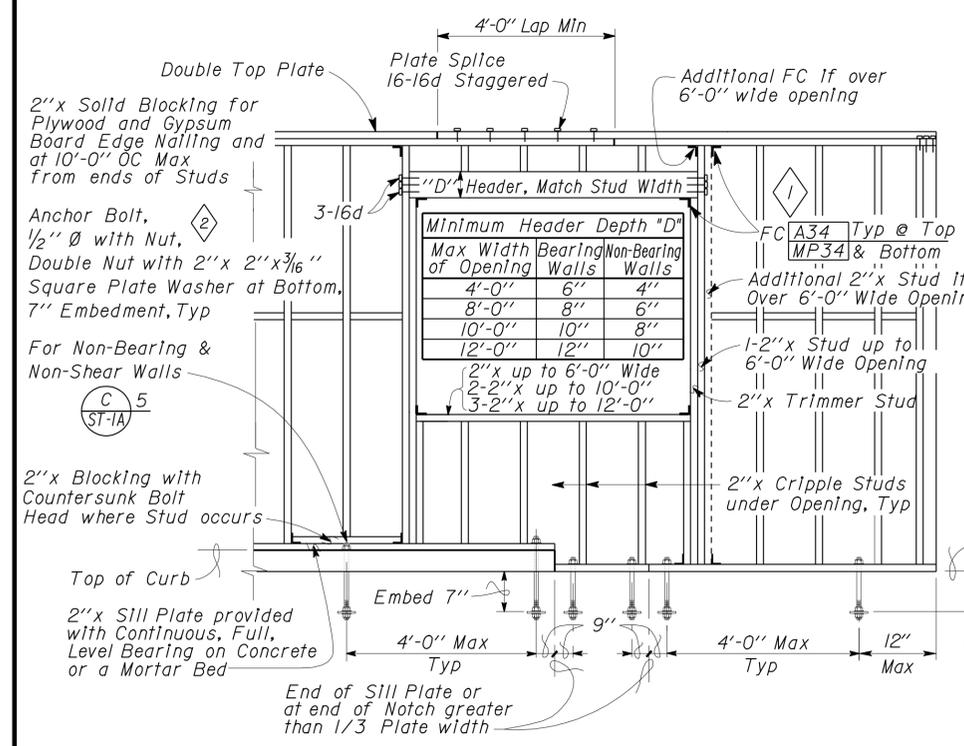
NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

FILE NO. XS-25-5	DESIGN BY <i>Sean Samuel</i>	CHECKED BY <i>Sean Samuel</i>	APPROVED BY <i>R.E. Travis</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	PESCADERO STATE BEACH WOOD FRAMING STANDARD - NOTES	SHEET OF
DRAWING DATE 1-04	DETAILS BY <i>Peter J. von Savoy</i>	CHECKED BY <i>Sean Samuel</i>	DESIGN SUPERVISOR	CU EA 04-4S4301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		1-16-04 11-14-05

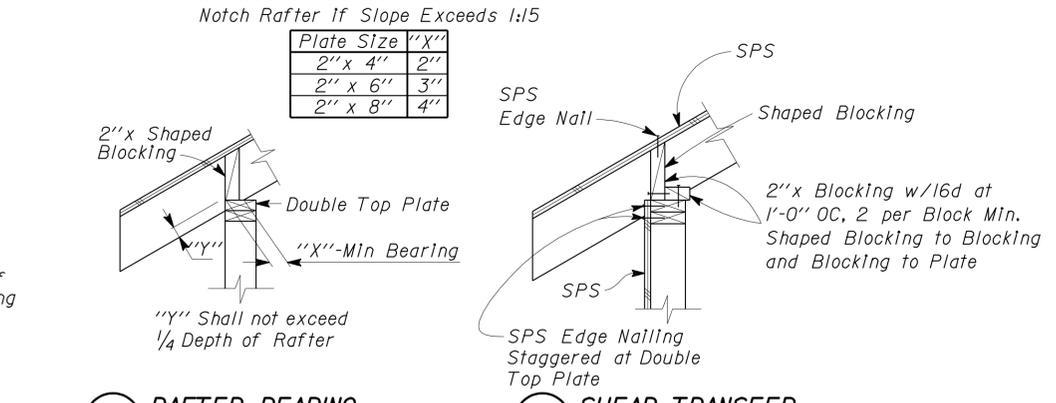
DOES SD Imperial Rev. 9/02

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

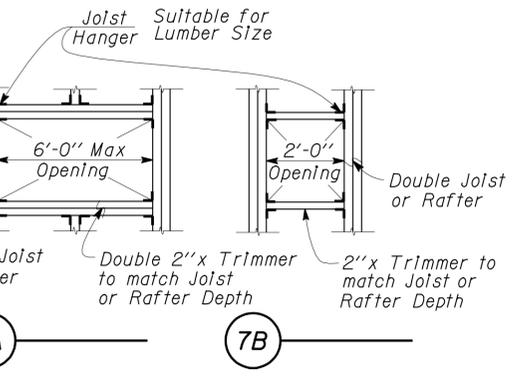
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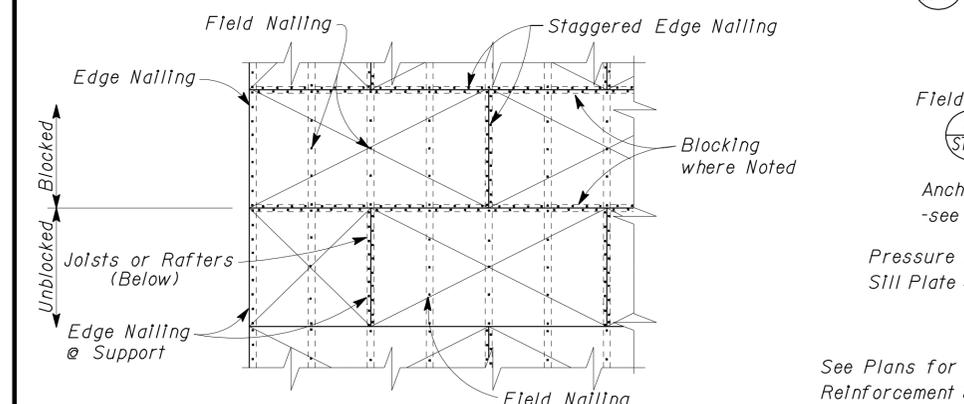
1 TYPICAL WALL AND OPENING FRAMING
No Scale



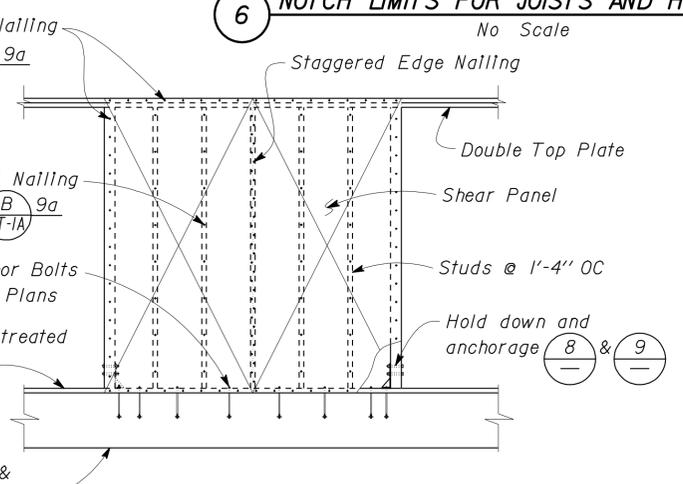
5A RAFTER BEARING
5B SHEAR TRANSFER
5 EXTERIOR WALL TOP PLATE DETAIL
No Scale



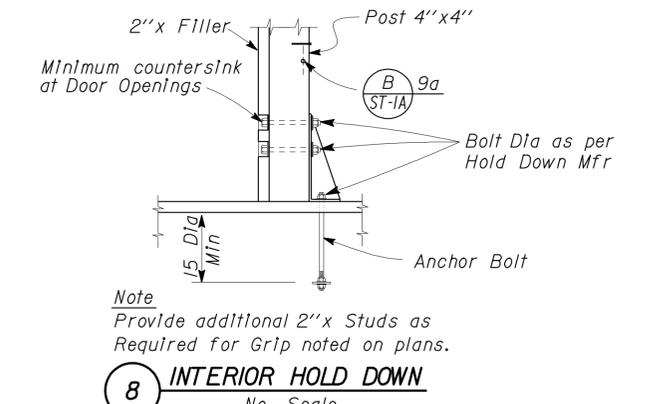
7A
7B
7 FRAMING AT OPENINGS
No Scale



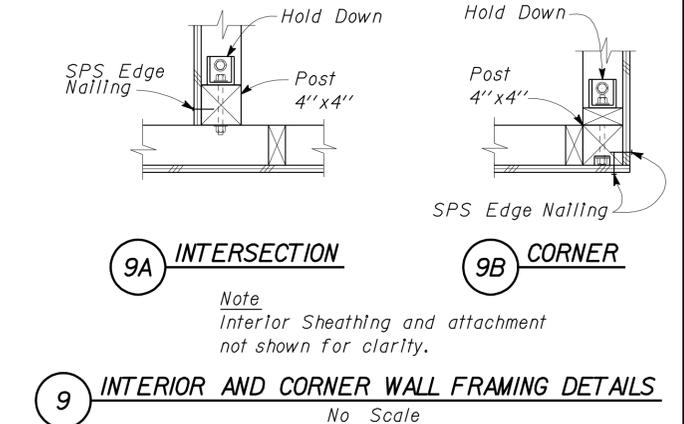
2 STRUCTURAL PLYWOOD LAYOUT
No Scale



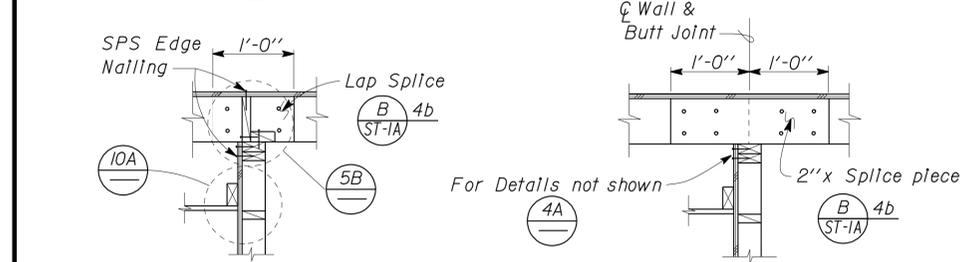
3 SHEAR WALL ELEVATION
No Scale



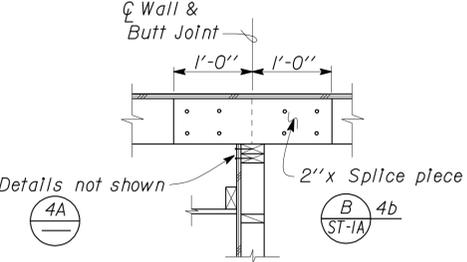
8 INTERIOR HOLD DOWN
No Scale



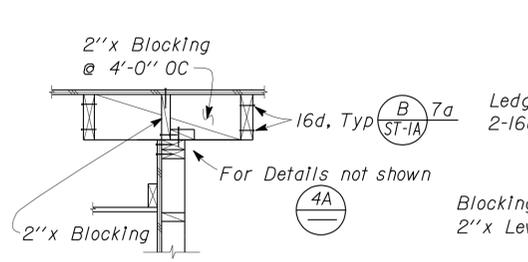
9A INTERSECTION
9B CORNER
9 INTERIOR AND CORNER WALL FRAMING DETAILS
No Scale



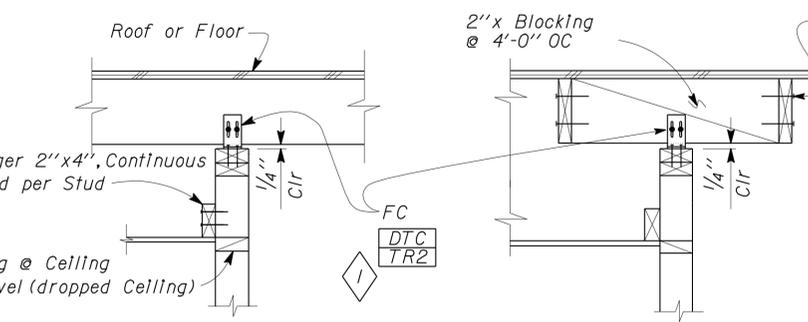
4A LAP SPLICE ACROSS JOISTS



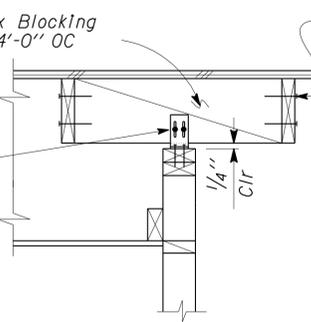
4B BUTT SPLICE ACROSS JOISTS



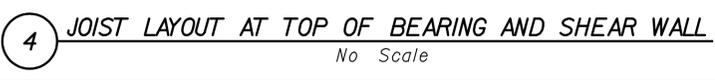
4C JOISTS PARALLEL TO WALL



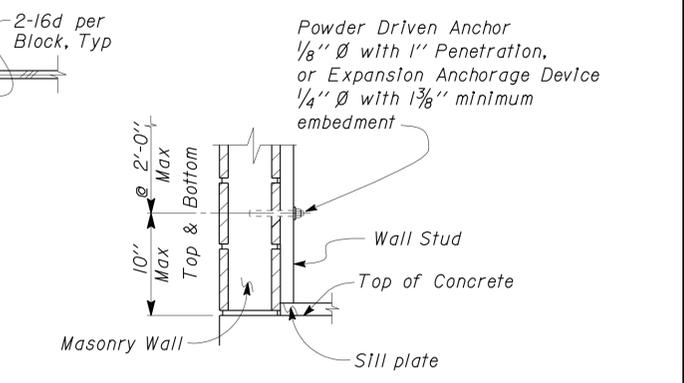
10A ACROSS JOISTS



10B PARALLEL TO JOISTS



4 JOIST LAYOUT AT TOP OF BEARING AND SHEAR WALL
No Scale



11 STUD ANCHORAGE TO MASONRY
No Scale

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

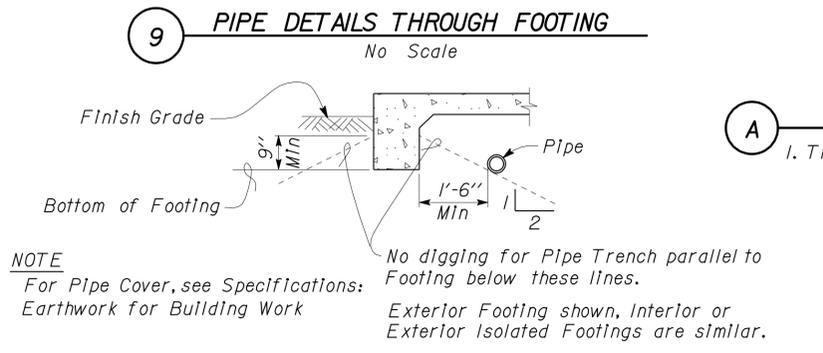
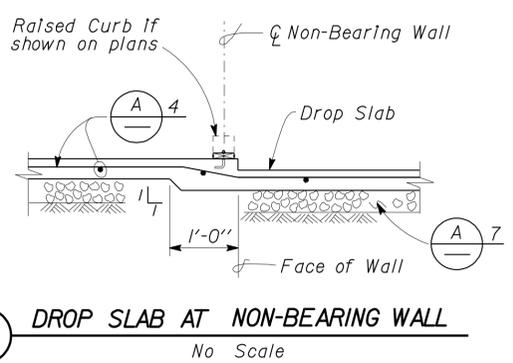
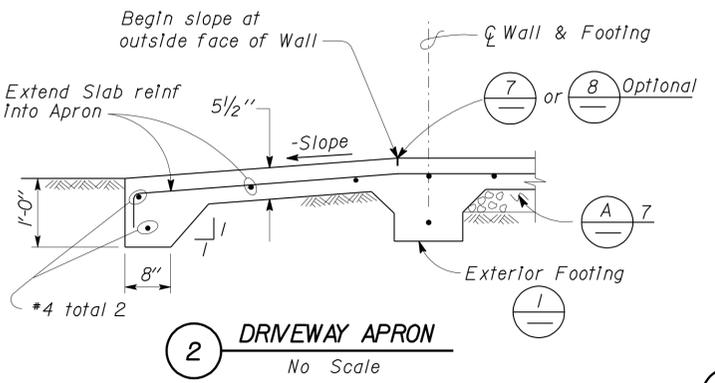
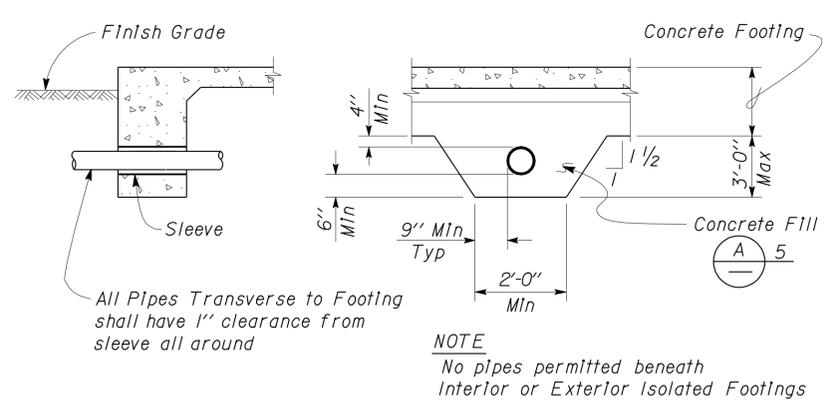
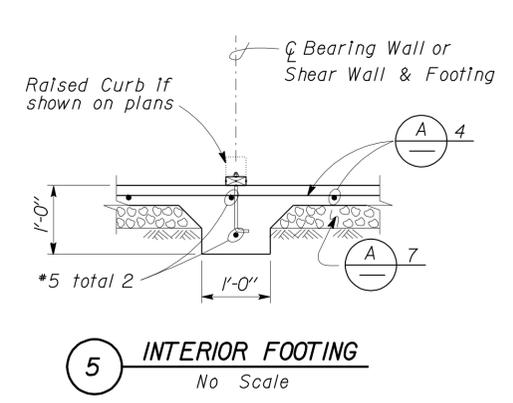
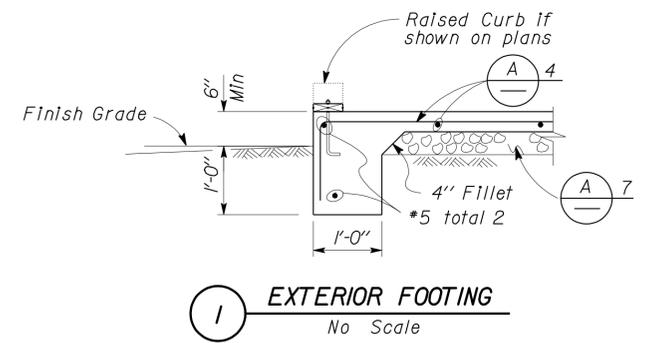
FILE NO. XS-25-5-I	DESIGN BY <i>Sean Seidel</i>	CHECKED BY <i>Joe Funder</i>	APPROVED BY <i>RE Travis</i>
DRAWING DATE 1-04	DETAILS BY <i>Peter F. von Savoy</i>	CHECKED BY <i>Joe Funder</i>	DESIGN SUPERVISOR
DOES SD Imperial Rev. 9/02	SUBMITTED BY <i>Sean Seidel</i> , DESIGN ENGINEER		

Revision - 11-02-2006 Updated USP connector ID.
Anchor Bolt size & definition.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. POST MILE
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PESCADERO STATE BEACH		SHEET ST-1B
WOOD FRAMING STANDARD - DETAILS		
DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
	10-16-03 11-14-05 11-02-06 01-15-08	

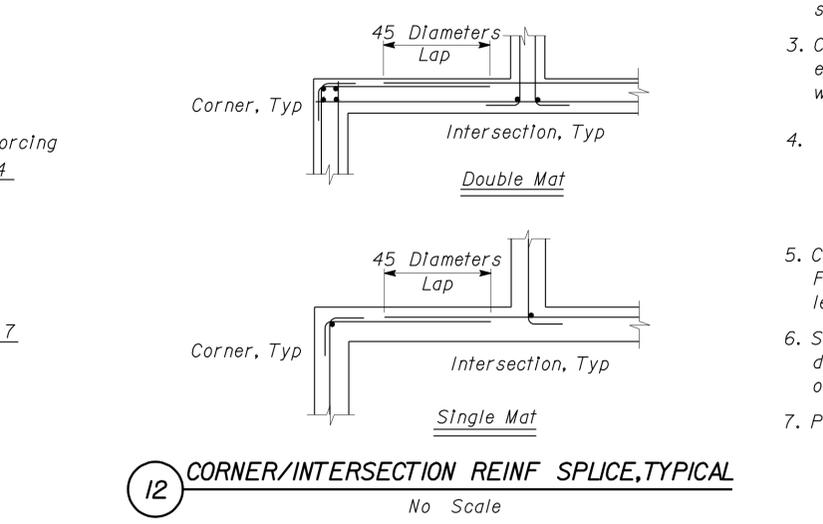
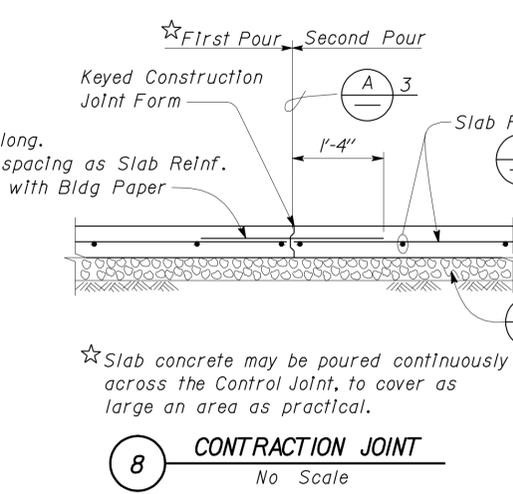
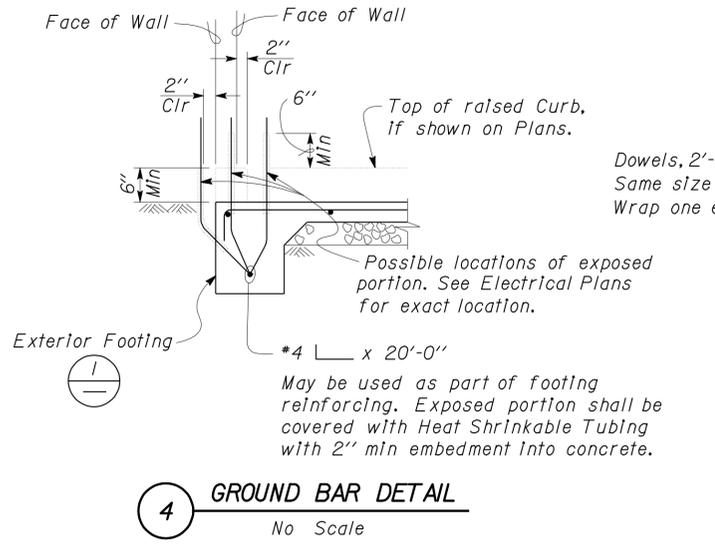
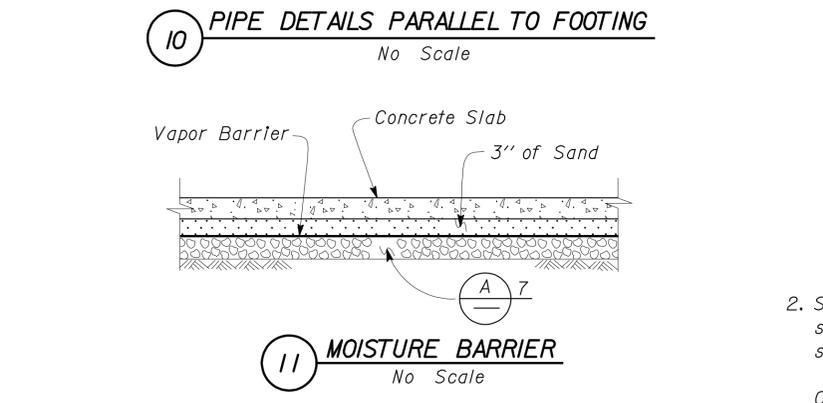
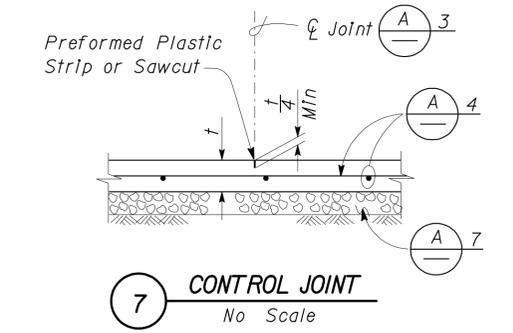
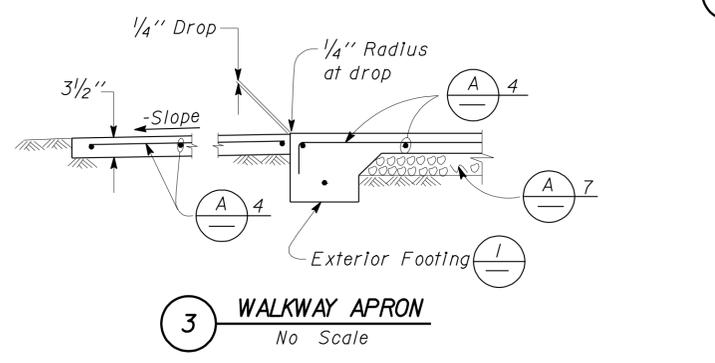
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	29	34
				REGISTERED CIVIL ENGINEER DATE 05-12-10 PLANS APPROVAL DATE 4-4-11	
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CONCRETE NOTES

1. The following minimum concrete cover shall be provided for reinforcement.

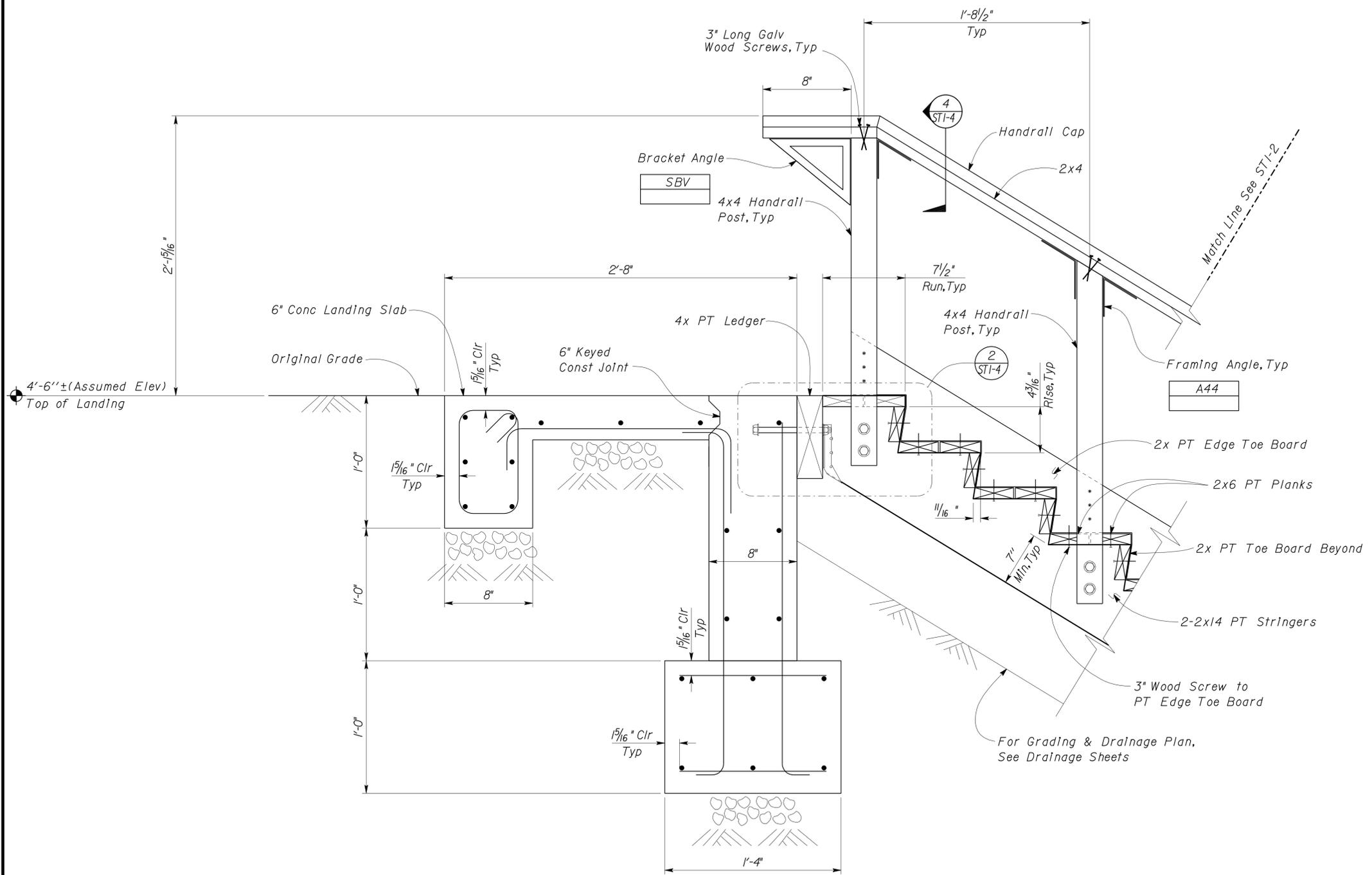
	Minimum Cover
a. Concrete cast against and permanently exposed to earth	3"
b. Concrete exposed to earth or weather but cast in forms:	
*6 thru *18 bars	2"
*5 bar and smaller, W31 or D31 Wire, and smaller	1 1/2"
c. Concrete not exposed to weather or in contact with ground:	
Slabs, Walls and Joists:	
*14 and *18 Bar	1 1/2"
*11 Bar and smaller	3/4"
Beams and Columns:	
Primary Reinforcement, Ties, Stirrups and Spirals	1 1/2"



NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

FILE NO. XS-25-1	DESIGN BY Sean Seavel	CHECKED BY [Signature]	APPROVED BY [Signature]	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	PESCADERO STATE BEACH	SHEET
DRAWING DATE 1-04	DETAILS BY [Signature]	CHECKED BY [Signature]	DESIGN SUPERVISOR [Signature]	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE		CONCRETE STANDARD
DOES SD Imperial Rev. 9/02				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU EA 04-4S4301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	30	34
 REGISTERED CIVIL ENGINEER			05-12-10 DATE		
4-4-11 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.					



PROJECT DESIGN CRITERIA
 The building work on this project has been designed to conform to the 2007 California Building Code (2006 IBC).

MATERIALS

REINFORCED CONCRETE: (Ultimate Strength Design) :
 $f'c = 3,250 \text{ psi}$
 $f_y = 60,000 \text{ psi}$

DETAIL NOTES

- For Timber and Sawn Lumber see:
 "Wood Framing Standard - Notes"
 "Wood Framing Standard - Details"
- For Concrete see:
 "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; unless otherwise noted.
- All lock washers shall be helical spring lock washers.

1 WOOD STAIR PROFILE
 Scale 1 1/2" = 1' - 0"

NOTE
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

 DESIGN ENGINEER	DESIGN BY	Tahir Rashid	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	PESCADERO STATE BEACH		SHEET ST1-1
	DETAILS BY	Daniel Harakh	CHECKED	Tahir Rashid			POST MILE	NEW STAIRWAYS	WOOD STAIR PROFILE	
QUANTITIES BY			CHECKED				CU	EA	04-4S4301	
DOES SD Imperial Rev. 9/02		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		03-04-10 04-14-10 05-11-10 05-26-10 06-17-10		

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	31	34

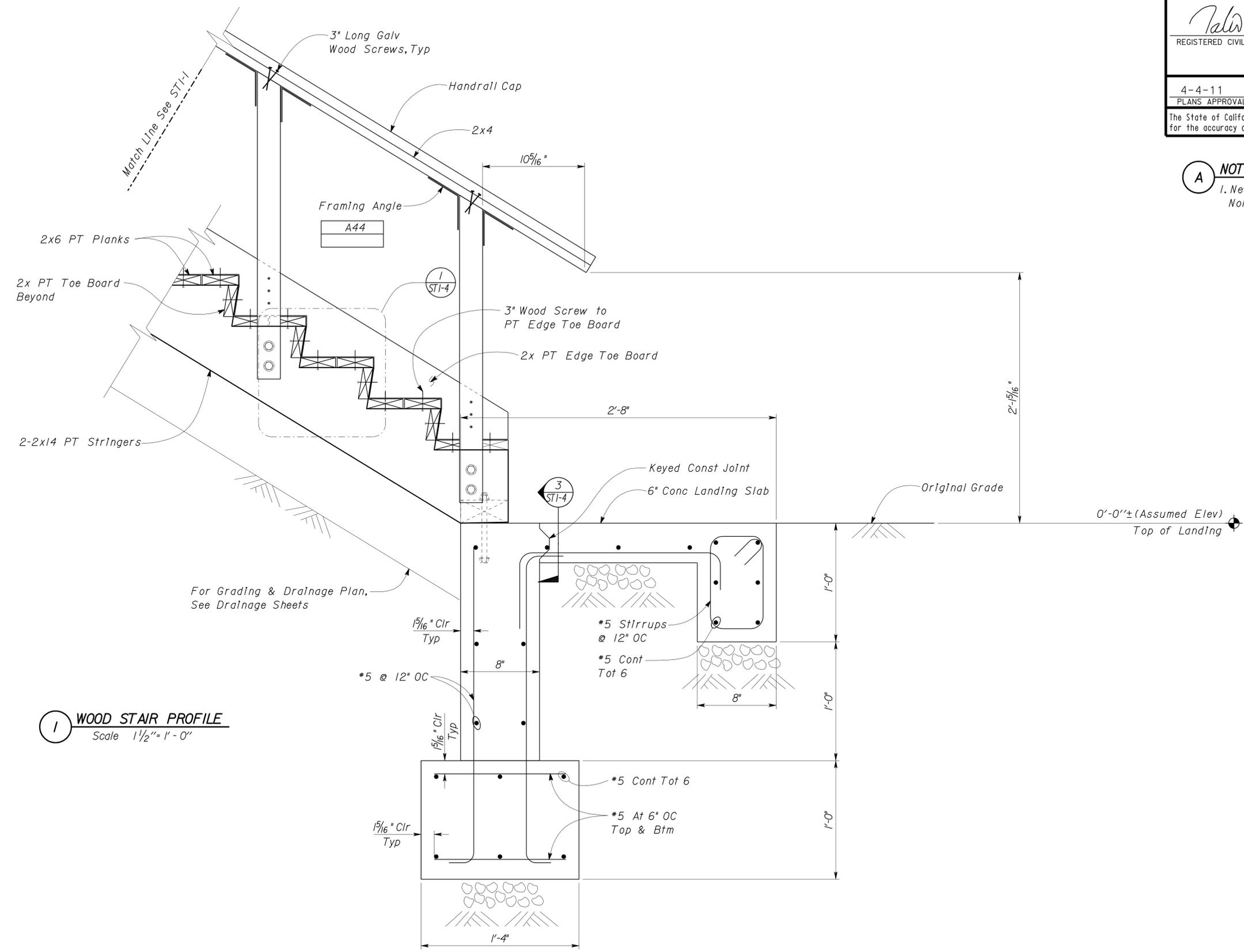
Tahir Rashid 05-12-10
 REGISTERED CIVIL ENGINEER DATE

4-4-11
 PLANS APPROVAL DATE

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A NOTE
 1. New Wood Stairs to be Constructed North of Rip Rap.



1 WOOD STAIR PROFILE
 Scale 1 1/2" = 1' - 0"

NOTE
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

DESIGN BY Tahir Rashid	CHECKED BY Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	PESCADERO STATE BEACH		SHEET	
				POST MILE	NEW STAIRWAYS	WOOD STAIR PROFILE	ST1-2	
DETAILS BY Daniel Harakh	CHECKED BY Tahir Rashid	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU EA 04-4S4301	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET	
QUANTITIES BY	CHECKED			DISREGARD PRINTS BEARING EARLIER REVISION DATES	03-04-10	04-14-10	05-11-10	05-26-10

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	32	34

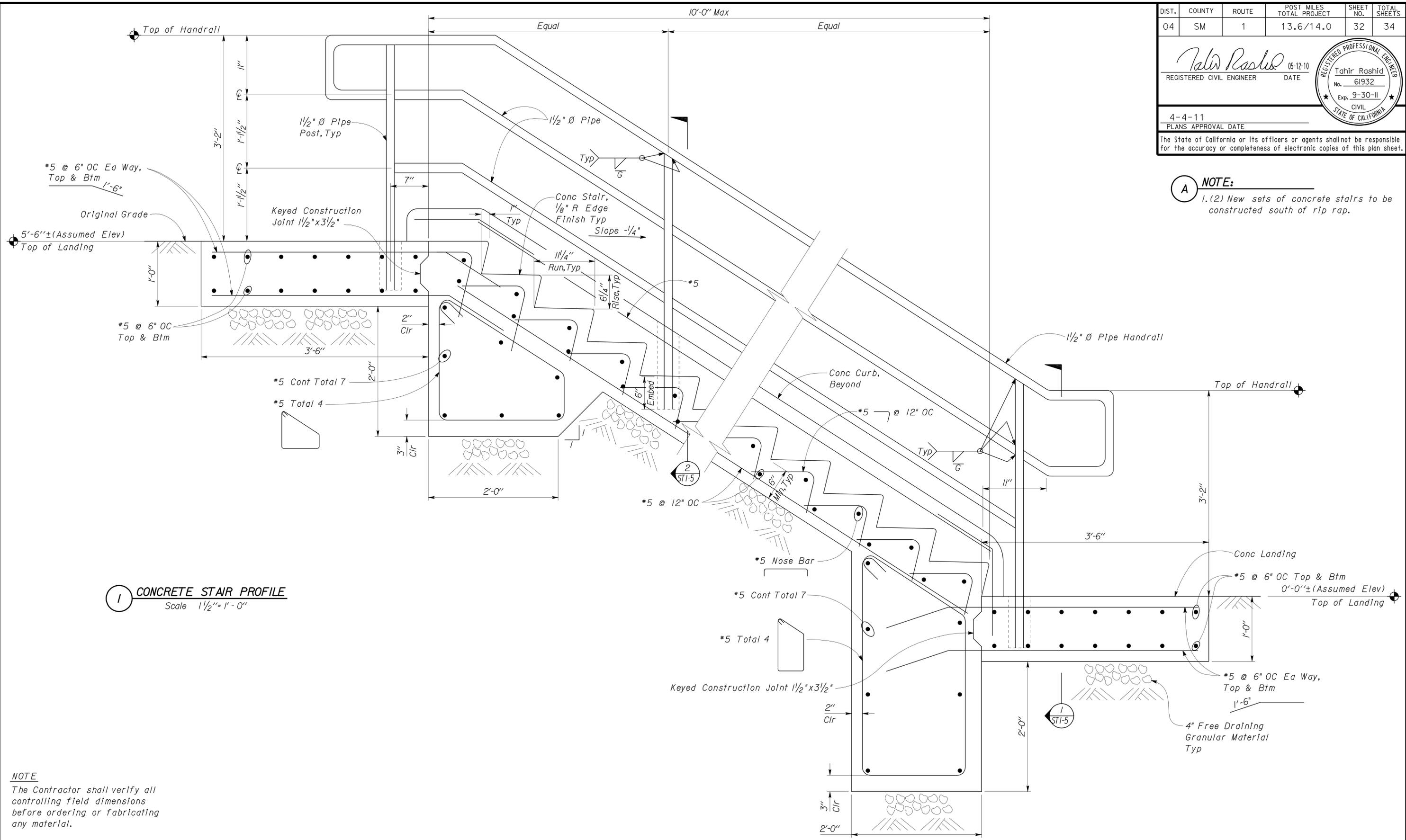
<i>Tahir Rashid</i>		05-12-10
REGISTERED CIVIL ENGINEER	DATE	

4-4-11
PLANS APPROVAL DATE

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NOTE:
 1.(2) New sets of concrete stairs to be constructed south of rlp rap.



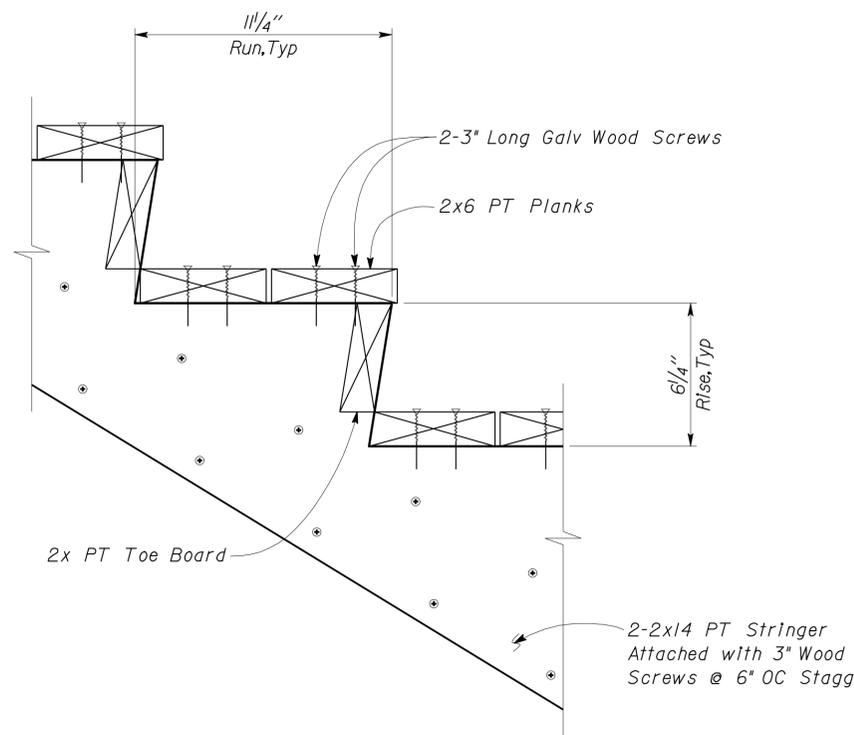
1 CONCRETE STAIR PROFILE
 Scale 1 1/2" = 1'-0"

NOTE
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

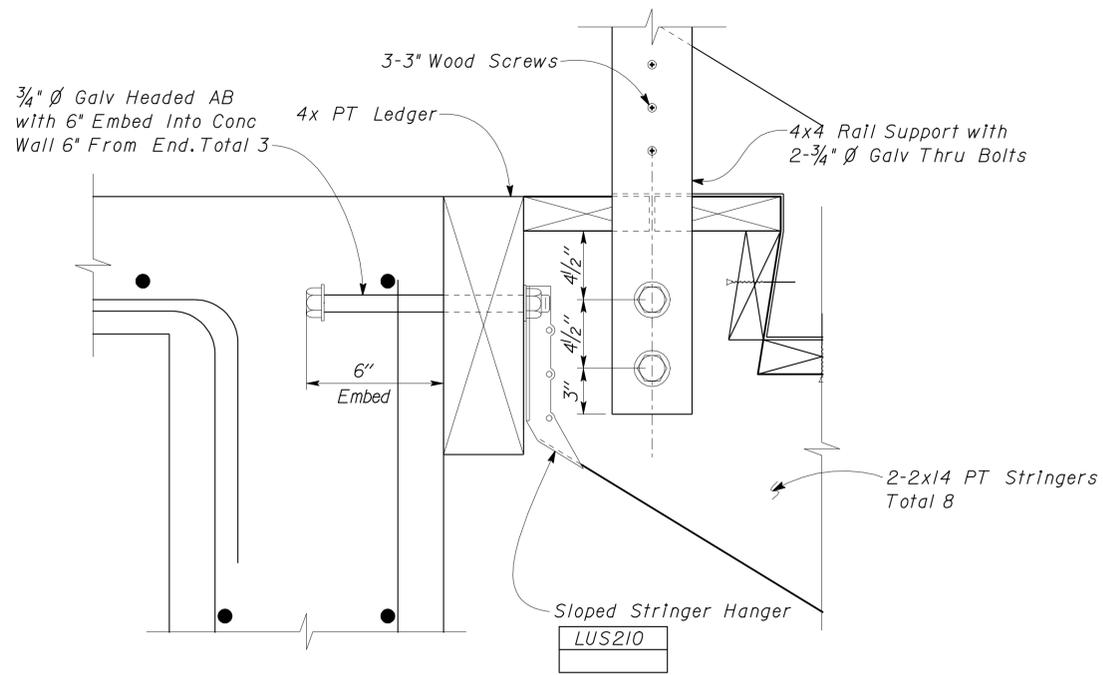
DESIGN	BY	Tahir Rashid	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	PESCADERO STATE BEACH		SHEET ST1-3						
	DETAILS	BY	Daniel Harakh	CHECKED				Tahir Rashid	NEW STAIRWAYS		CONCRETE STAIR PROFILE					
QUANTITIES	BY		CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU EA 04-4S4301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF						
								03-04-10	04-14-10	04-23-10	04-27-10	04-30-10	05-11-10	05-28-10	06-17-10	

06-APR-2011 06:14

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	33	34
			REGISTERED CIVIL ENGINEER DATE 05-12-10 PLANS APPROVAL DATE 4-4-11		
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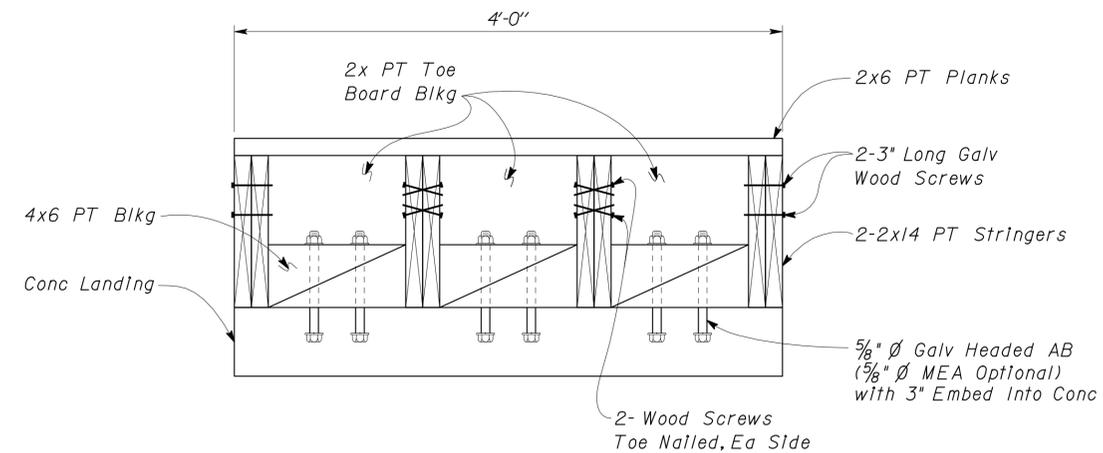


1 WOOD STAIR PROFILE
Scale 3" = 1' - 0"



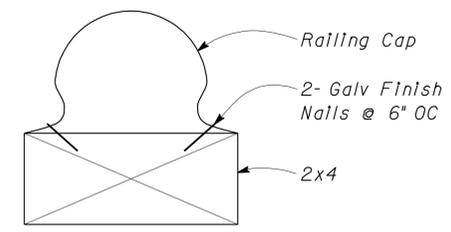
2 WOOD LEDGER TO CONC STEM WALL
Scale 3" = 1' - 0"

- A NOTES:**
- All wood screws shall be hot dipped galvanized.
 - All misc metal hardware shall be hot dipped galvanized after fabrication.



3 ATTACHMENT AT LANDING
Scale 1 1/2" = 1' - 0"

Note:
Slab Reinf Not Shown
For Clarity



4 RAILING CAP ATTACHEMENT
No Scale

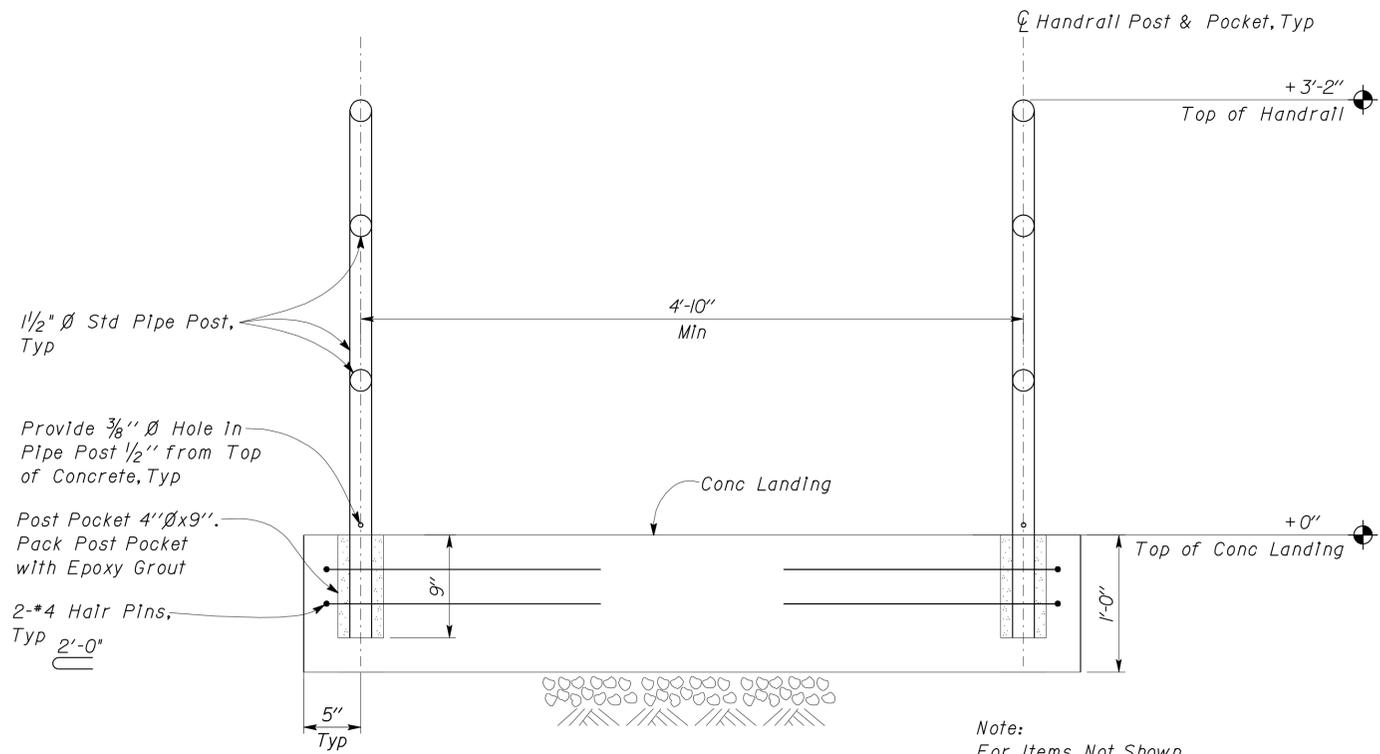
DOES SD Imperial Rev. 9/02	DESIGN	BY Tahir Rashid	CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	PESCADERO STATE BEACH		SHEET ST1-4
	DETAILS	BY Daniel Harakh	CHECKED Tahir Rashid			POST MILE	NEW STAIRWAYS	WOOD STAIR DETAILS	
	QUANTITIES	BY	CHECKED	CU EA 04-4S4301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3		04-30-10 05-11-10 05-26-10		

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM	1	13.6/14.0	34	34



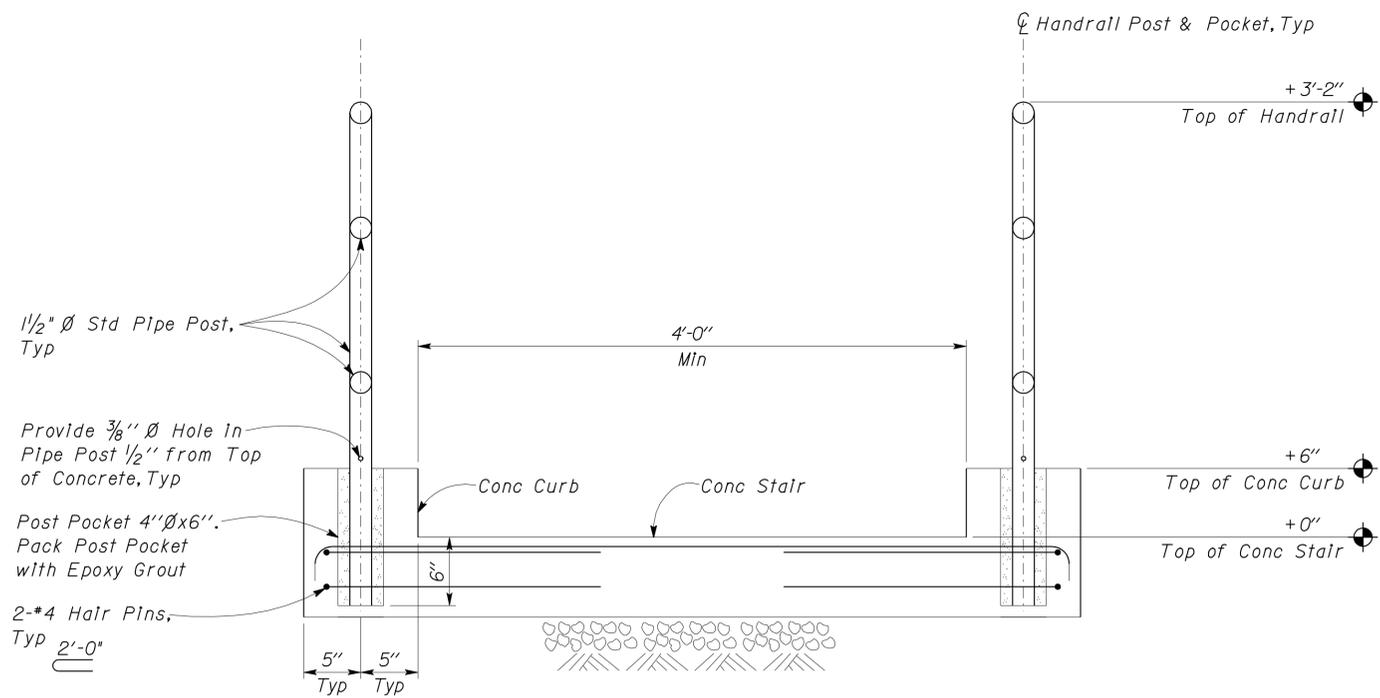
Tahir Rashid
 REGISTERED CIVIL ENGINEER
 DATE 05-12-10
 PLANS APPROVAL DATE 4-4-11

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Note:
For Items Not Shown or Noted See (1) ST1-3

1 HANDRAIL POST POCKET DETAIL @ HANDRAIL
Scale 1 1/2" = 1'-0"



Note:
For Items Not Shown or Noted See (1) ST1-3

2 HANDRAIL POST POCKET DETAIL @ STAIR
Scale 1 1/2" = 1'-0"

DESIGN	BY Tahir Rashid	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Tahir Rashid
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
POST MILE

PESCADERO STATE BEACH
NEW STAIRWAYS
CONCRETE STAIR DETAILS

SHEET OF
ST1-5