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BUILDING PLANS

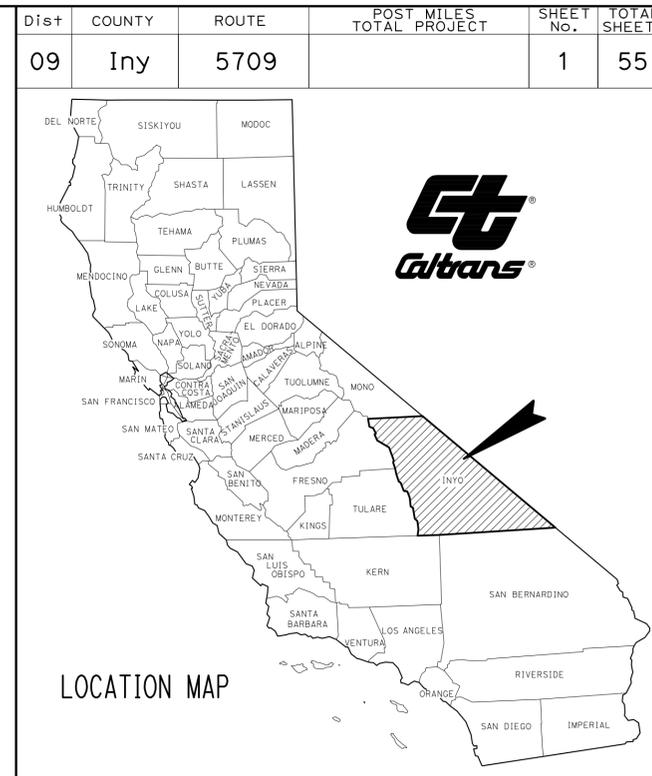
31	GENERAL PLAN
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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

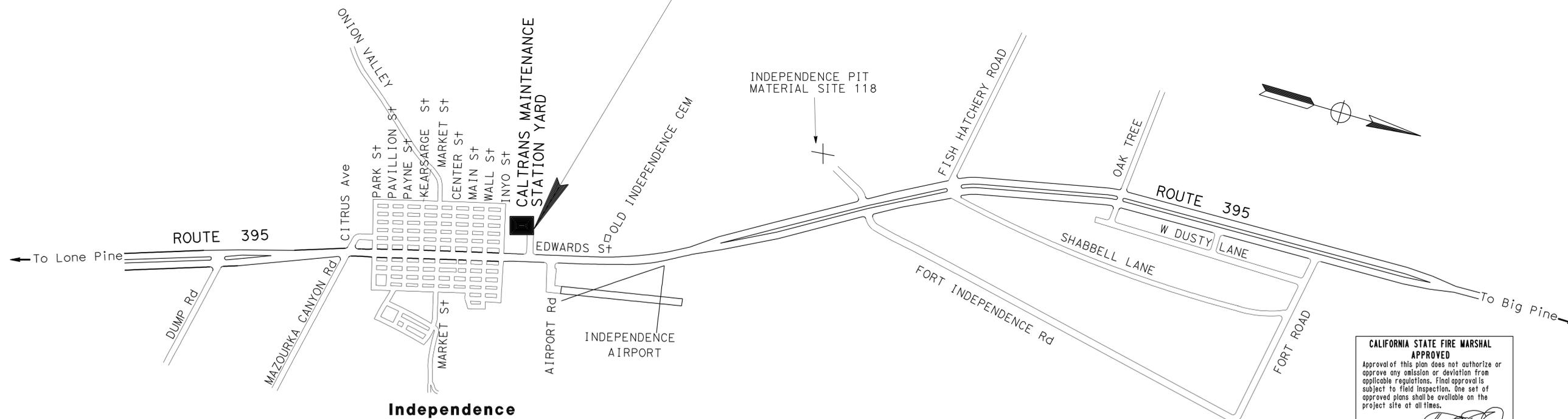
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR BUILDING CONSTRUCTION
IN INYO COUNTY
AT INDEPENDENCE
AT THE INDEPENDENCE MAINTENANCE STATION
AT 665 NORTH EDWARDS STREET

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

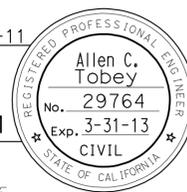


LOCATION OF CONSTRUCTION
INDEPENDENCE MAINTENANCE STATION
LOCATION CODE No. 5709



CALIFORNIA STATE FIRE MARSHAL
APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: FRANCIS SOLICH
Approval date: 11-17-10

Allen C. Tobey 06-13-11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER



September 19, 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. 09-342404
PROJECT ID 0900000138

PROJECT MANAGER
BRIAN MCELWAIN
DESIGN ENGINEER
JOHN FOX

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
09	Iny	5709		2	55

Allen Tobey 06-16-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

- 0.33' HMA (TYPE A)
- REMOVE EXISTING AC & REPLACE WITH 0.33' HMA (TYPE A)
- CONCRETE
- Exist AC
- EXISTING VERIZON FIBER OPTIC UTILITY BOX
- EXISTING STREET LIGHT
- EXISTING FIRE HYDRANT

- INSTALL STATE PROVIDED 30' STREET LIGHT
- STREET LIGHT (E)
- FINISH GRADE SPOT ELEVATION POINT
- EXISTING VERIZON FIBER OPTIC UTILITY BOX

- ABOVE GROUND LPG LINE
- UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND LPG LINE
- UNDERGROUND LPG
- 6" EXISTING BOLLARD

- 103.28 - EXISTING GROUND ELEVATION
- 103.28 - TOP OF HMA ELEVATION
- SLOPE
- DRAINAGE SYSTEM NUMBER
- DRAINAGE UNIT NUMBER

ABBREVIATIONS:

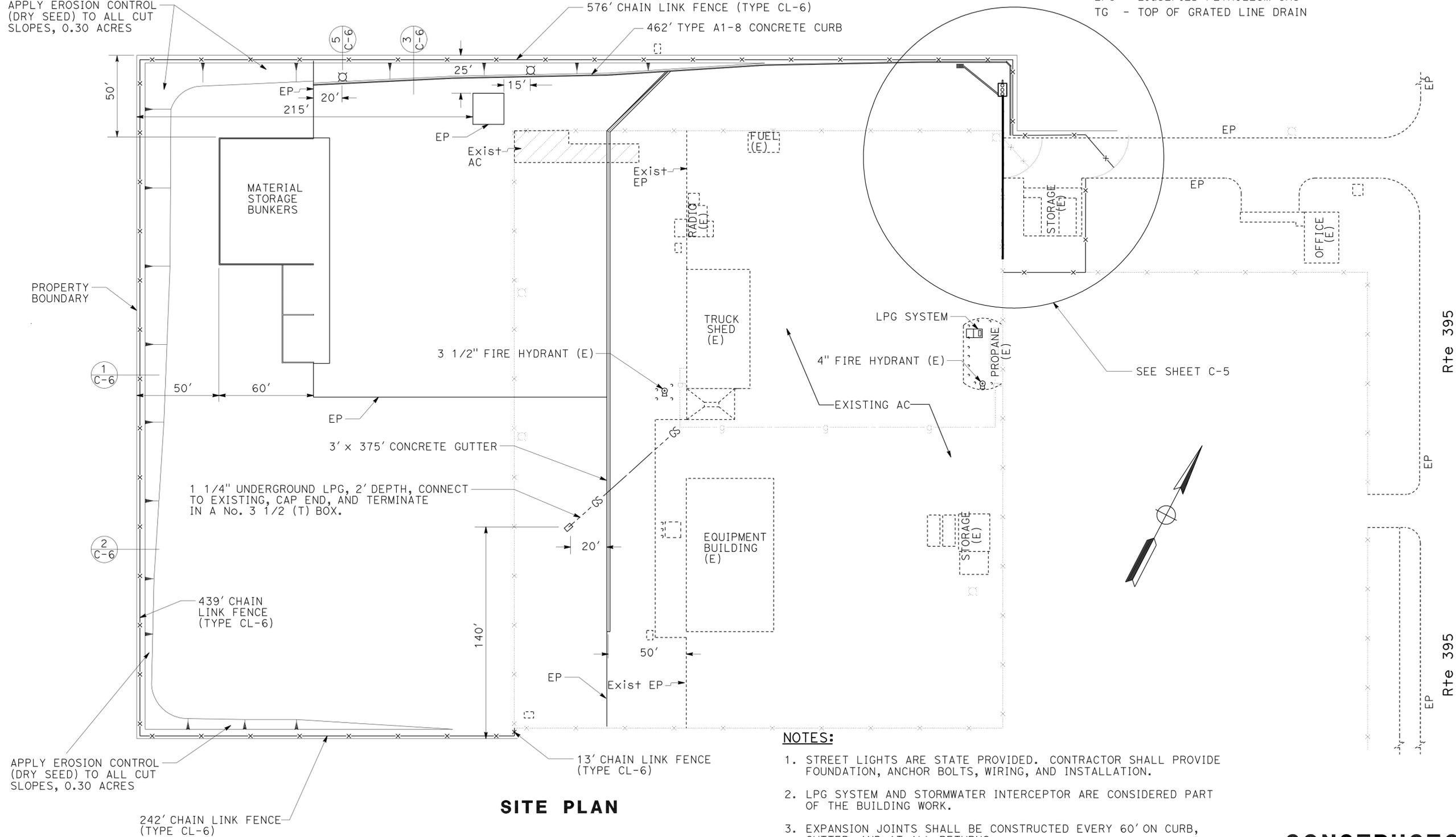
- LPG - LIQUEFIED PETROLEUM GAS
- TG - TOP OF GRATED LINE DRAIN

CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: FRANCIS SOLICH
Approval date: 11-17-10

APPLY EROSION CONTROL (DRY SEED) TO ALL CUT SLOPES, 0.30 ACRES



SITE PLAN

NOTES:

- STREET LIGHTS ARE STATE PROVIDED. CONTRACTOR SHALL PROVIDE FOUNDATION, ANCHOR BOLTS, WIRING, AND INSTALLATION.
- LPG SYSTEM AND STORMWATER INTERCEPTOR ARE CONSIDERED PART OF THE BUILDING WORK.
- EXPANSION JOINTS SHALL BE CONSTRUCTED EVERY 60' ON CURB, GUTTER, AND AT ALL RETURNS.
- WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED EVERY 20' IN THE CURB AND GUTTER.

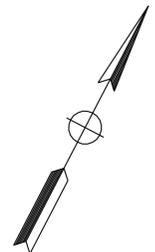
CONSTRUCTION DETAILS
NO SCALE
C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	ALLEN TOBEY	REVISOR	MA	AT
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	CHECKED BY	MONTASHEEMA AFROZE	DATE REVISED	12-01-10	06-13-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		3	55

Allen Tobey 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 PLANS APPROVAL DATE
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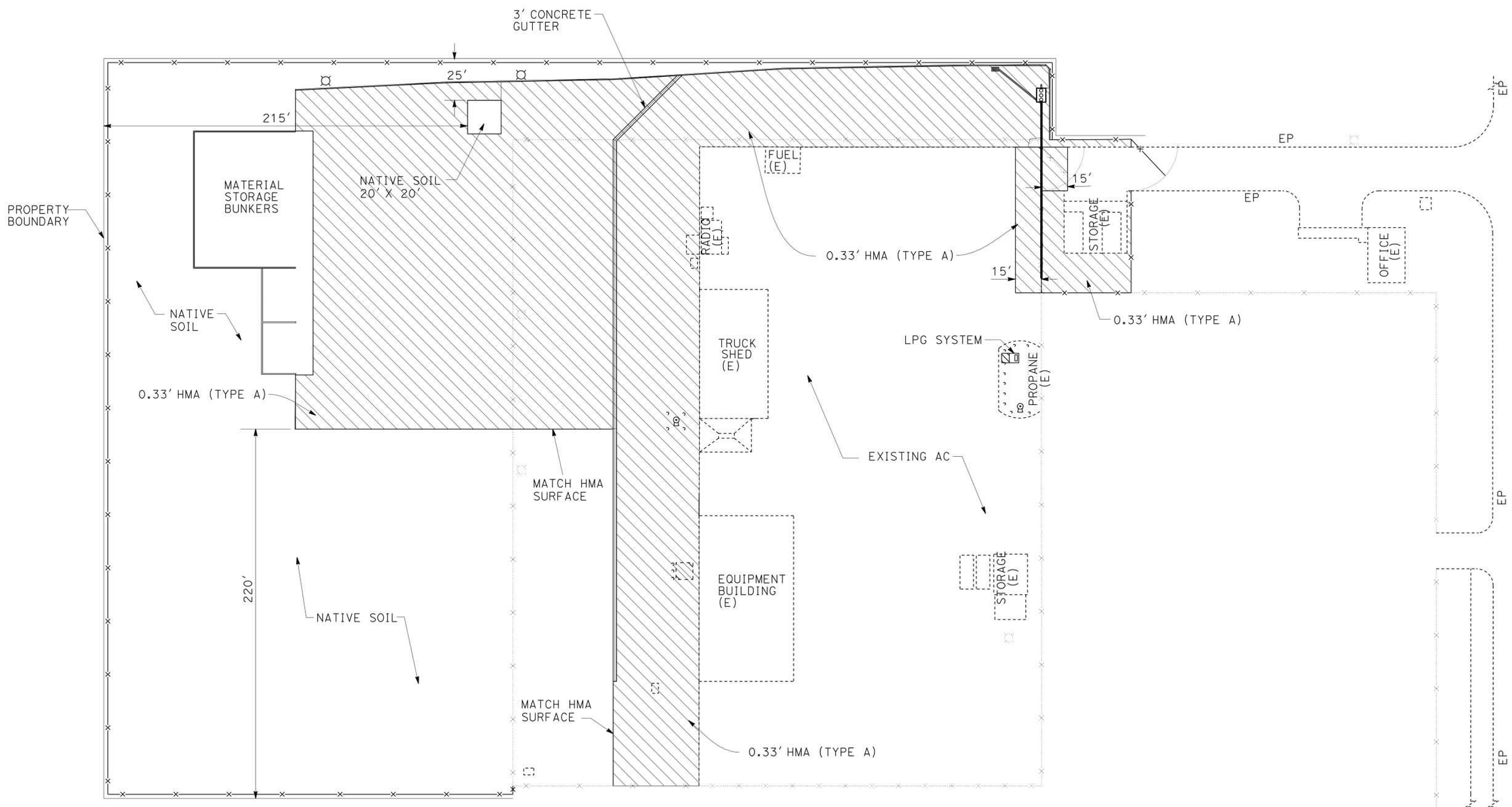
REGISTERED PROFESSIONAL ENGINEER
ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA



CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: *Francis Solich*
FRANCIS SOLICH
 Approval date: 11-17-10



HMA PAVING PLAN

CONSTRUCTION DETAILS
 NO SCALE
C-2

LAST REVISION DATE PLOTTED => 19-SEP-2011 TIME PLOTTED => 14:50

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	ALLEN TOBEY	REVISOR	MA	AT
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	CHECKED BY	MONTASHEEMA AFROZE	DATE REVISED	12-01-10	06-13-11

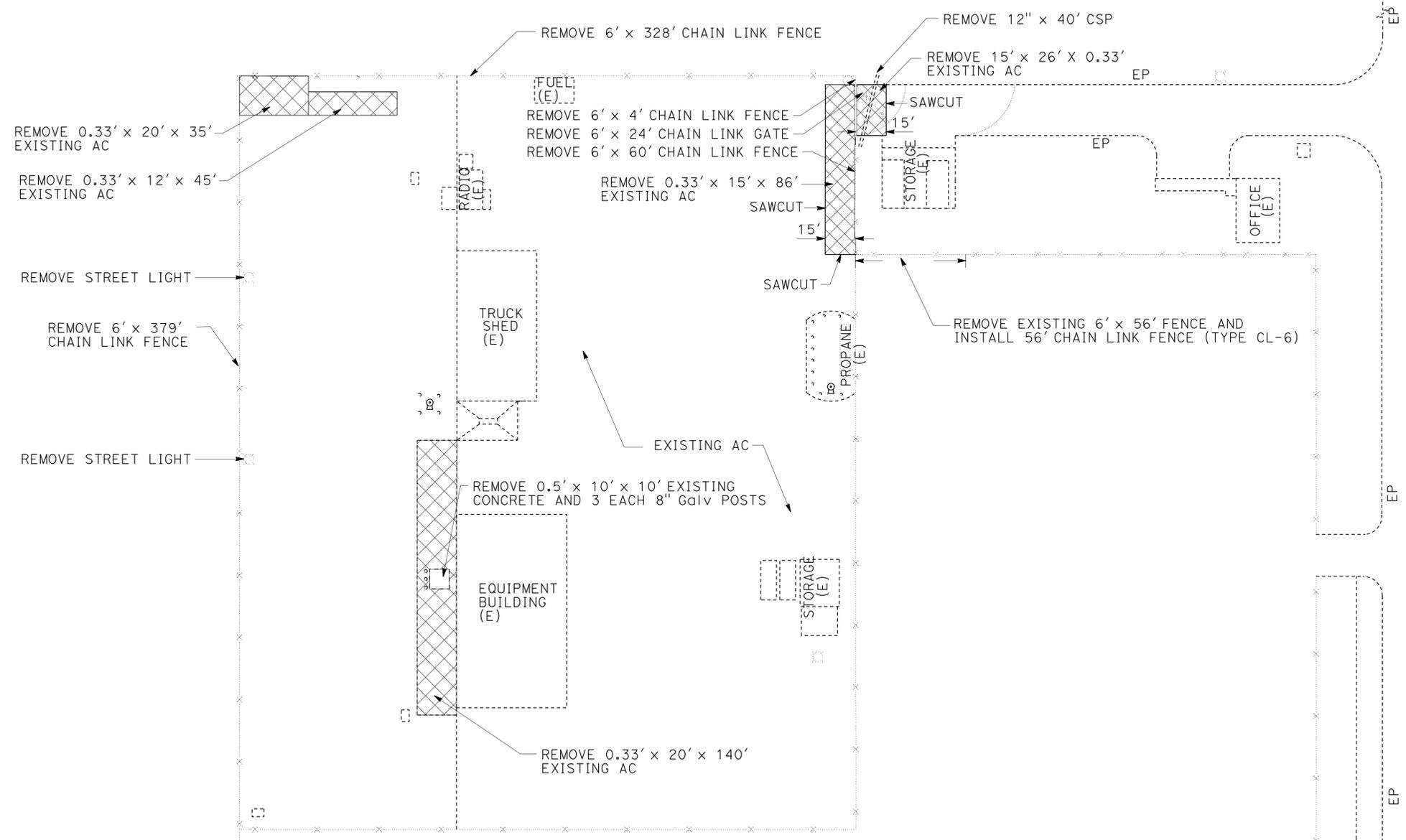
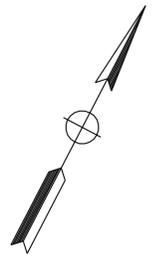
NOTE:

NEW CHAIN LINK FENCING SHALL BE INSTALLED BEFORE REMOVING EXISTING CHAIN LINK FENCING.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		4	55

Allen Foley 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 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
 ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA



REMOVAL PLAN

CALIFORNIA STATE FIRE MARSHAL APPROVED

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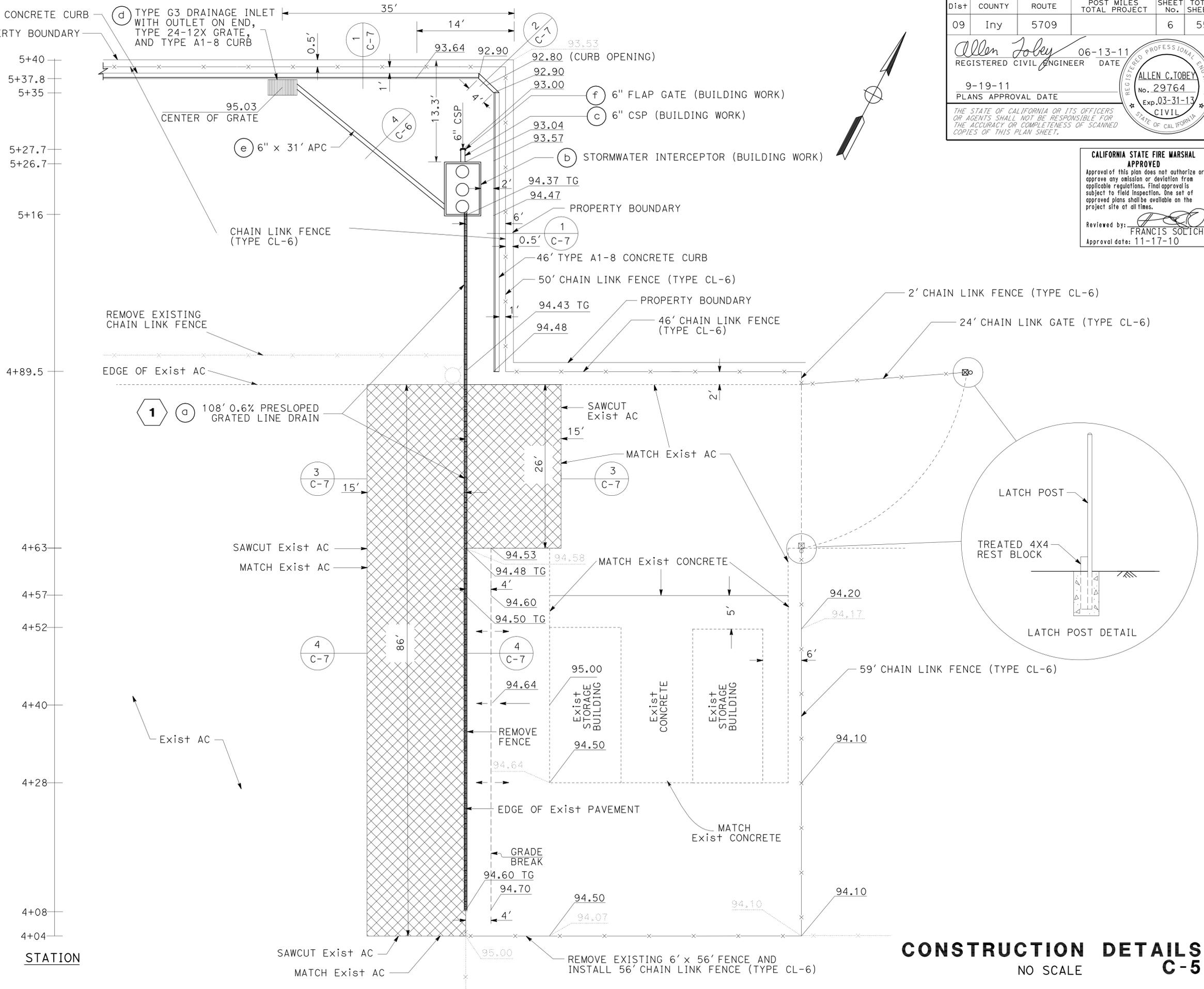
Reviewed by:
 FRANCIS SOLICH
 Approval date: 11-17-10

CONSTRUCTION DETAILS
 NO SCALE
C-3

LAST REVISION DATE PLOTTED => 19-SEP-2011 TIME PLOTTED => 14:50

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	ALLEN TOBEY	06-13-11
	CHECKED BY	MAINTENANCE ENGINEER	DATE
	MONTASHEEMA AFROZE	REGISTERED CIVIL ENGINEER	06-13-11

NOTE:
ELEVATIONS ARE TO THE TOP OF HMA OR TOP OF GRATED LINE DRAIN.

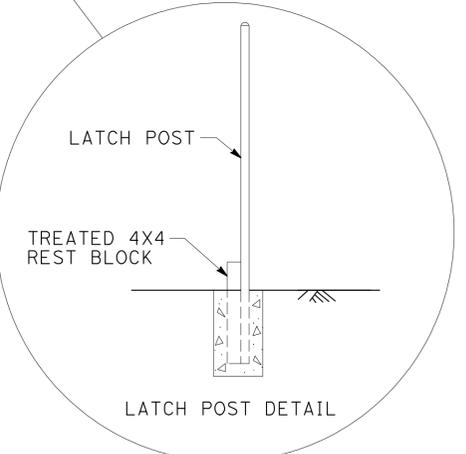


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		6	55

Allen Foley 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
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 STATE OF CALIFORNIA

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 Approval date: 11-17-10



CONSTRUCTION DETAILS
NO SCALE
C-5

LAST REVISION DATE PLOTTED => 19-SEP-2011 06-16-11 TIME PLOTTED => 14:50

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR: JOHN FOX
 CALCULATED/DESIGNED BY: MONTASHEEMA AFROZE
 CHECKED BY: ALLEN TOBEY
 REVISIONS:
 MA: 12-01-10 06-13-11
 AT: 06-13-11

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: FRANCIS SOLICH
 Approval date: 11-17-10

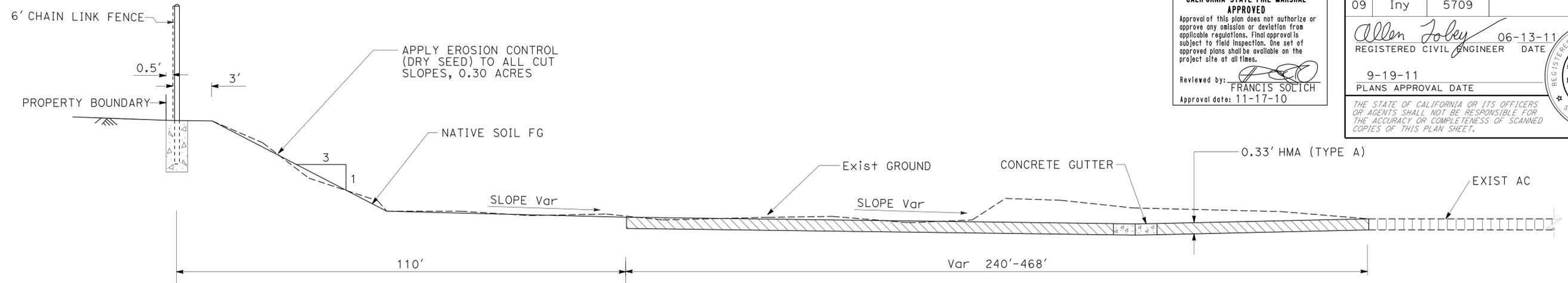
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		7	55

Allen Foley 06-13-11
 REGISTERED CIVIL ENGINEER DATE

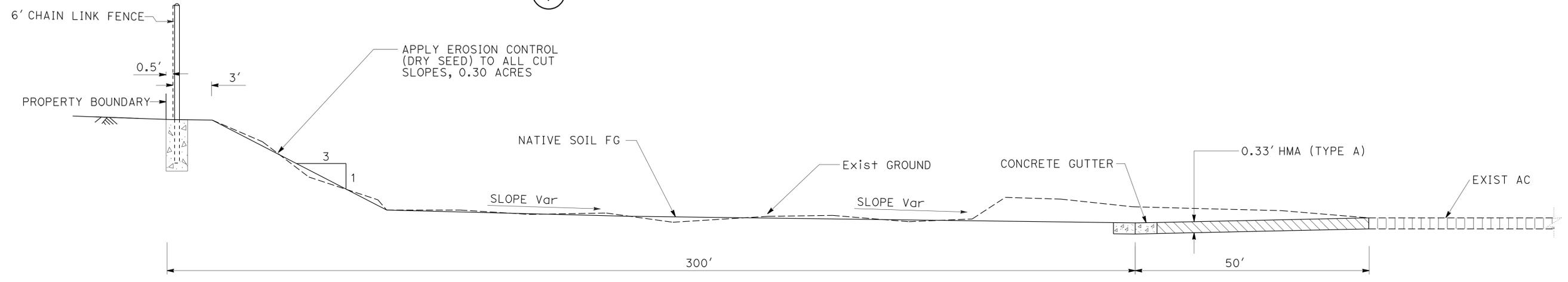
9-19-11
 PLANS APPROVAL DATE

ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA

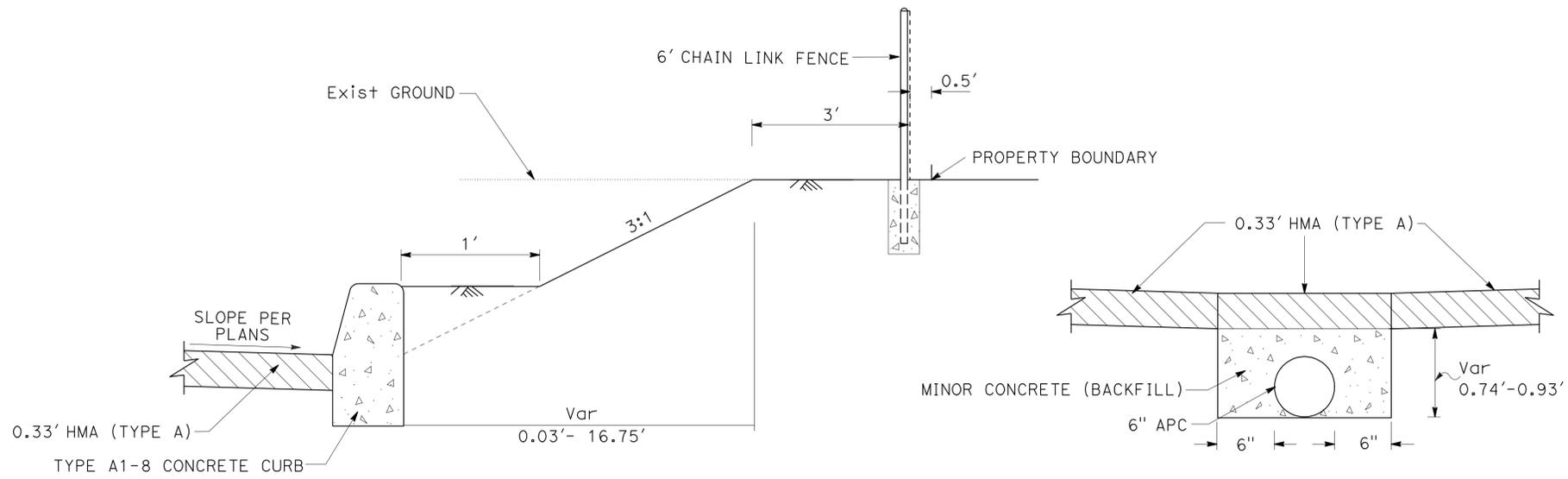
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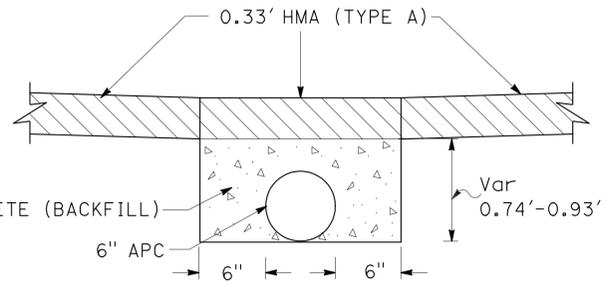
1 HMA PAVEMENT DETAIL



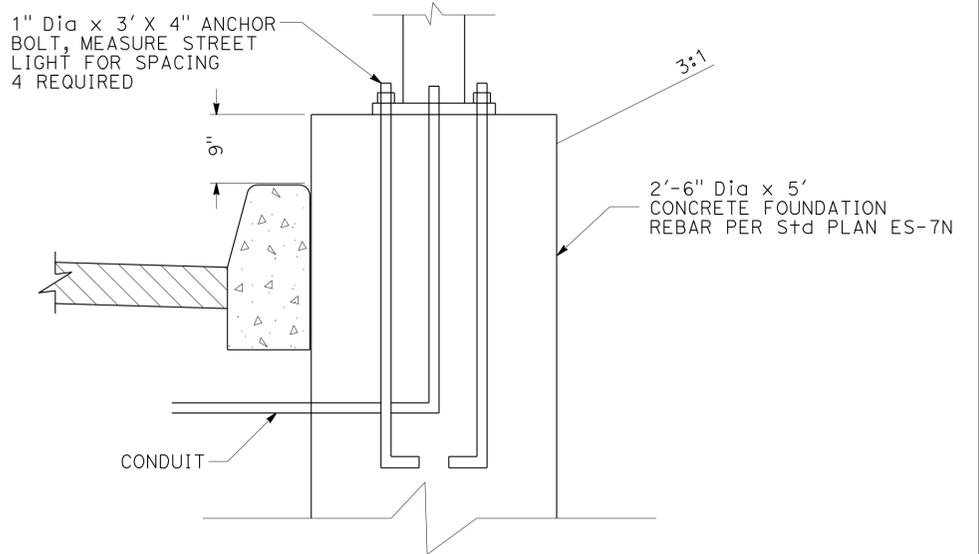
2 HMA PAVEMENT DETAIL



3 HMA PAVEMENT & CURB DETAIL



4 6" CSP DETAIL



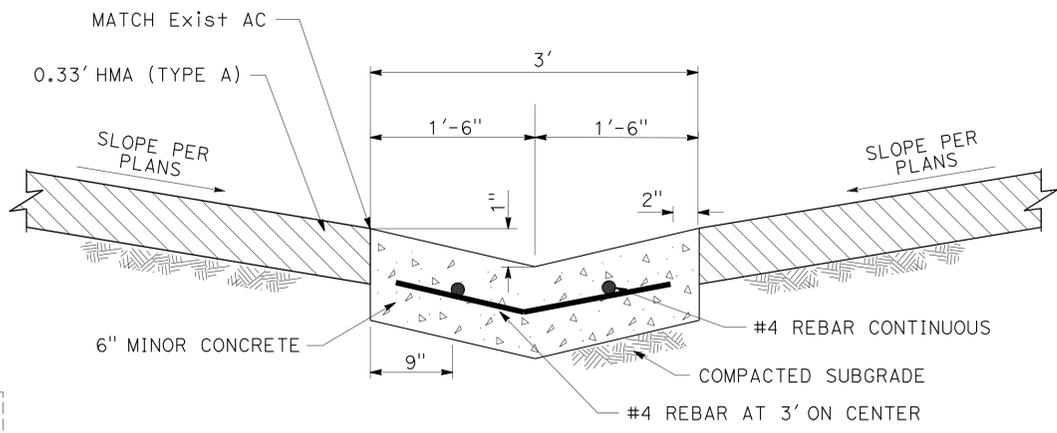
5 STREET LIGHT FOUNDATION DETAIL

CONSTRUCTION DETAILS C-6
 NO SCALE

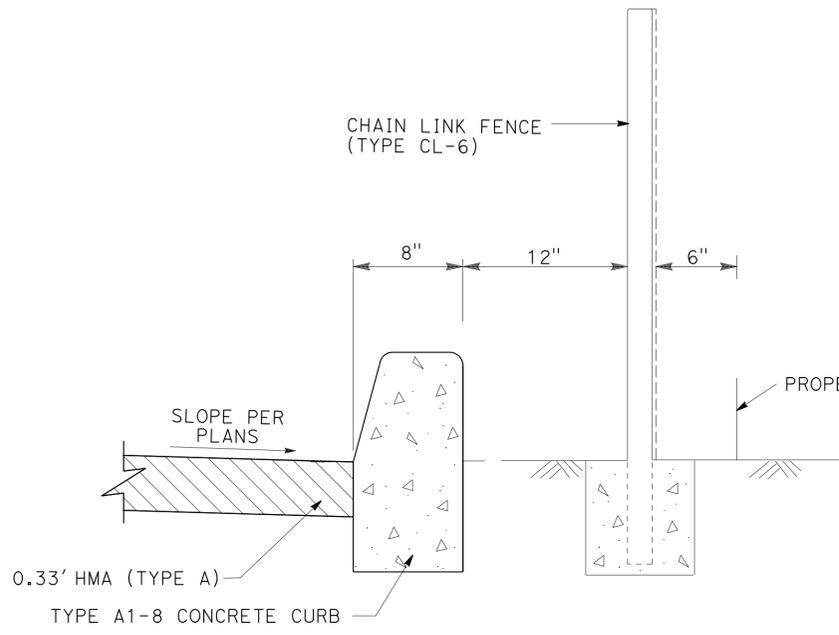
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		8	55
<i>Allen Foley</i> 06-13-11 REGISTERED CIVIL ENGINEER DATE			REGISTERED PROFESSIONAL ENGINEER ALLEN C. TOBEY No. 29764 Exp. 03-31-13 CIVIL STATE OF CALIFORNIA		
9-19-11 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

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FRANCIS SOLICH
 Approval date: 11-17-10

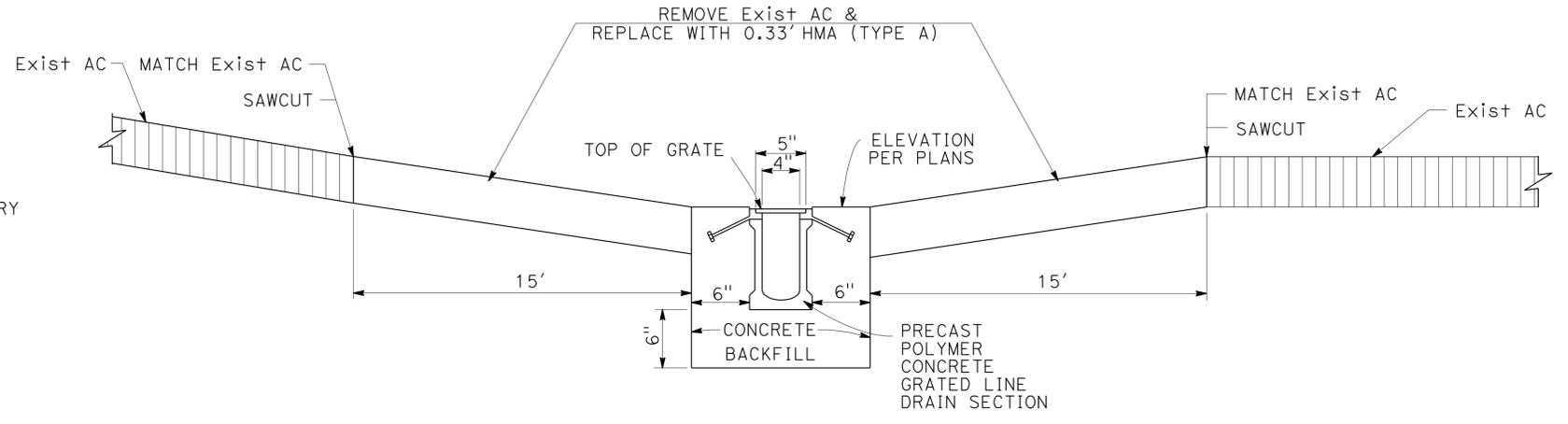
NOTE:
 TRANSITION FROM A FULL TO SHORT CURB WITH A 45 DEGREE SLOPE.



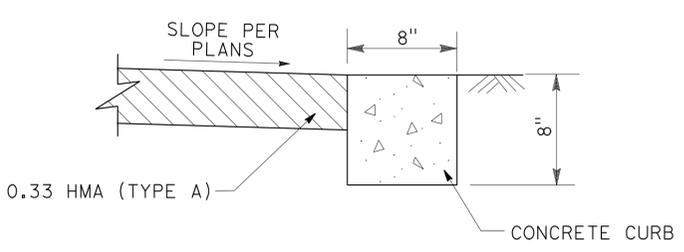
CONCRETE GUTTER DETAILS



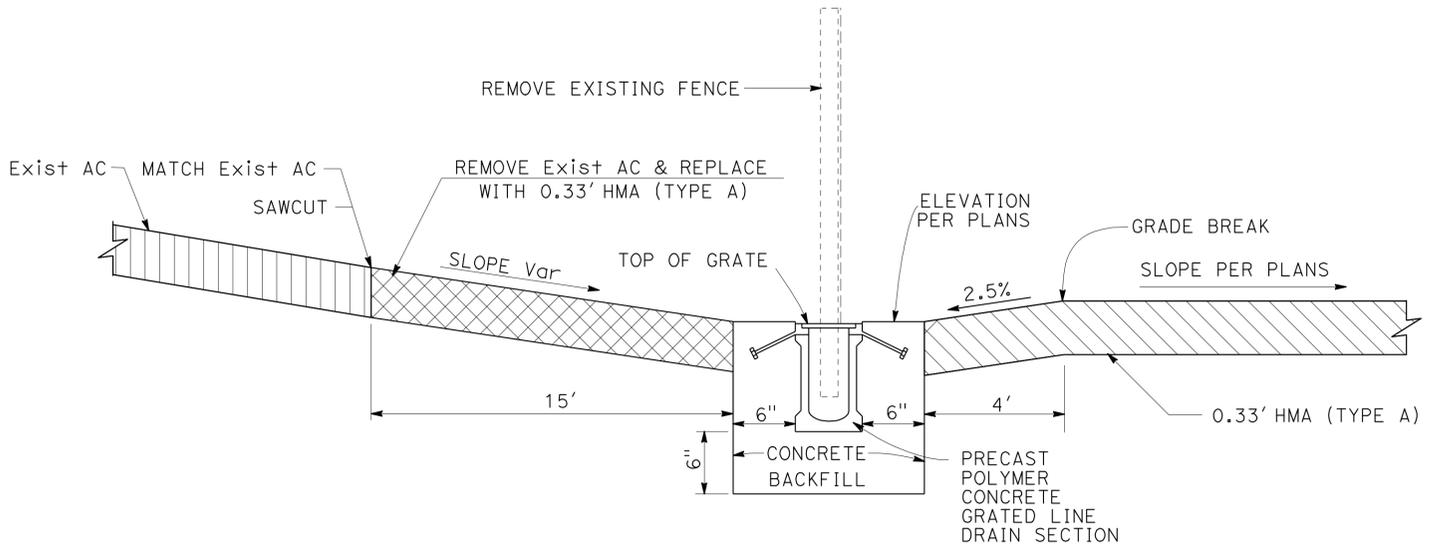
1 HMA PAVEMENT & CURB DETAIL



3 Exist AC, SAWCUT, LINE DRAIN & PAVING HMA (TYPE A) DETAIL



2 HMA PAVEMENT & CURB DETAIL



4 Exist AC, SAWCUT, LINE DRAIN & PAVING HMA (TYPE A) DETAIL

CONSTRUCTION DETAILS C-7
 NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR JOHN FOX
 CALCULATED/DESIGNED BY CHECKED BY
 ALLEN TOBEY MONTASHEEMA AFROZE
 REVISOR DATE REVISOR DATE REVISOR
 MA 12-01-10 06-13-11
 AT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE	BY
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	ALLEN TOBEY	12-01-10	MA
		MONTASHEEMA AFROZE	06-13-11	AT

NOTES:

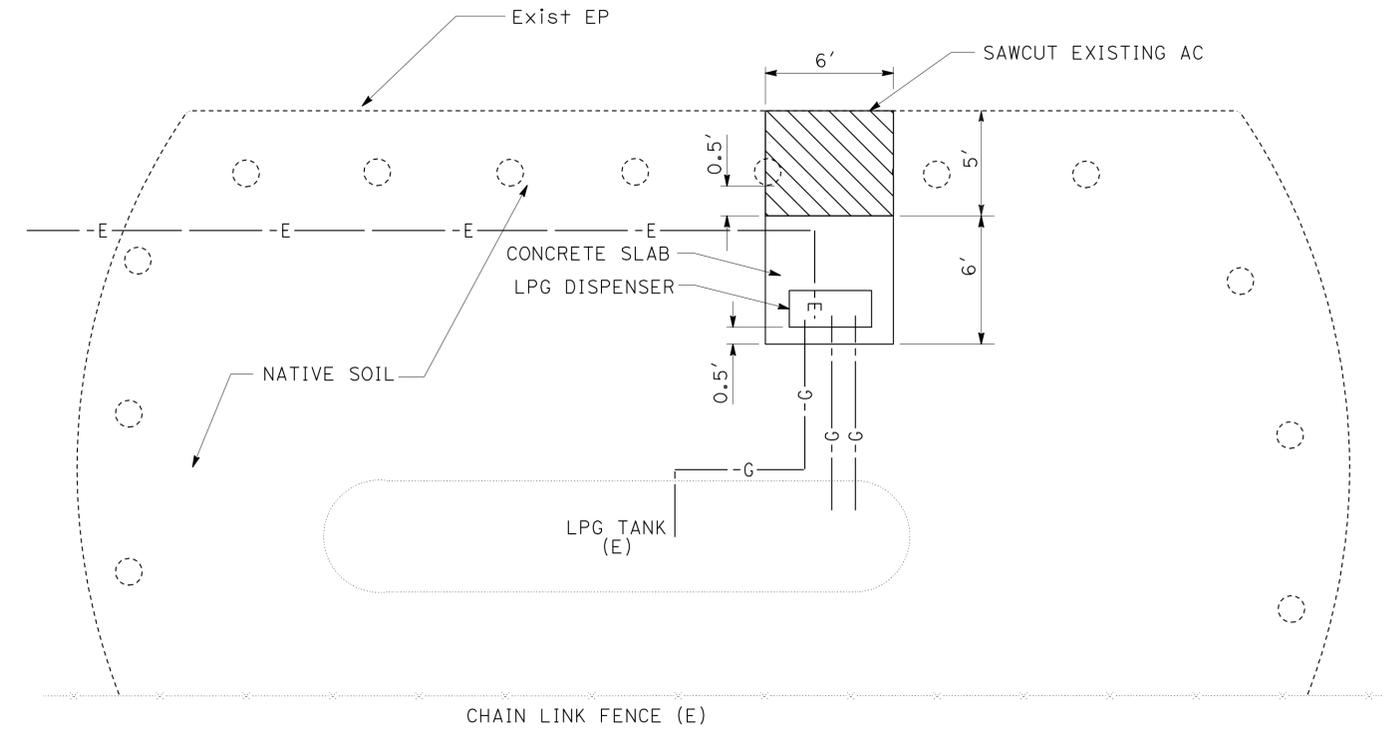
- LPG LINES SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
- LPG VAPOR RETURN LINE SHALL BE CONNECTED TO THE TOP OF THE TANK.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		9	55

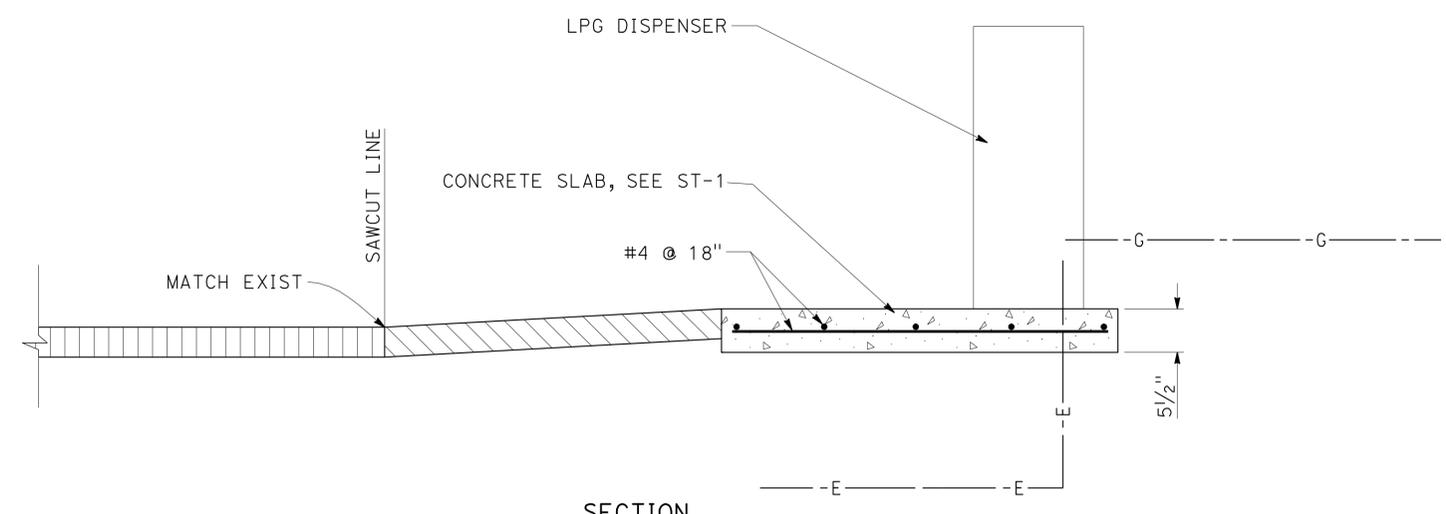
Allen Zoley 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA

CALIFORNIA STATE FIRE MARSHAL
APPROVED
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 Reviewed by: FRANCIS SOLICH
 Approval date: 11-17-10



PLAN



SECTION

LPG SYSTEM/DISPENSER DETAILS

CONSTRUCTION DETAILS
 NO SCALE
C-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR
 JOHN FOX

CALCULATED BY
 CHECKED BY

ALLEN TOBEY
 MONTASHEEMA AFROZE

REVISOR BY
 DATE REVISED

MA
 AT
 12-01-10 06-13-11

CALIFORNIA STATE FIRE MARSHAL
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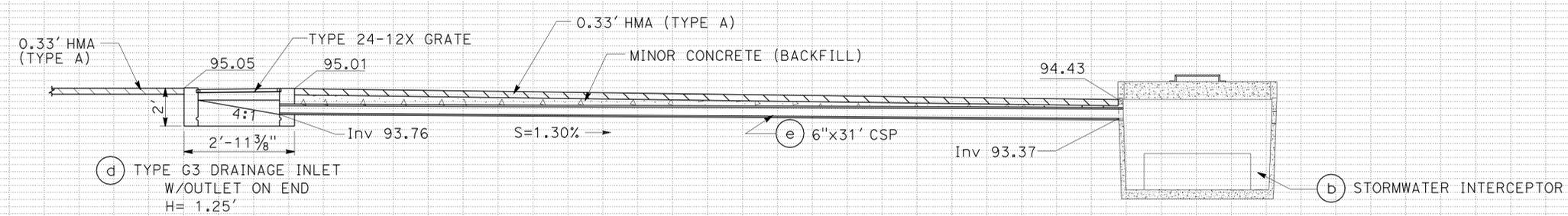
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		10	55

Allen Tobey 06-13-11
 REGISTERED CIVIL ENGINEER DATE

9-19-11
 PLANS APPROVAL DATE

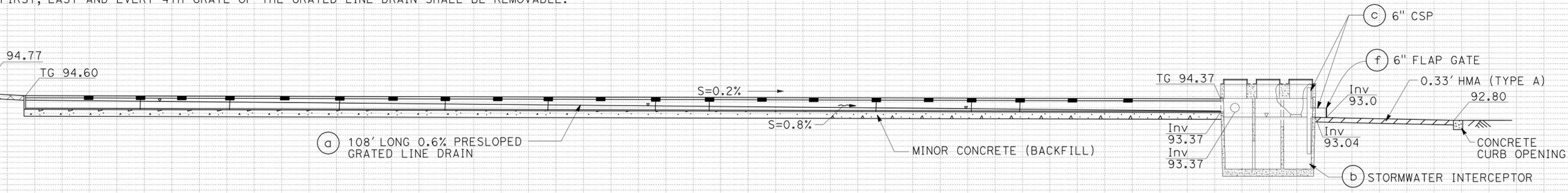
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 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA



DRAINAGE SYSTEM No. 1

NOTE:
 1. FIRST, LAST AND EVERY 4TH GRATE OF THE GRATED LINE DRAIN SHALL BE REMOVABLE.



DRAINAGE SYSTEM No. 1

DRAINAGE PROFILES
 SCALE: Horiz 1" = 10'
 Vert 1" = 8'
DP-1

4+04 4+09 4+19 4+29 4+39 4+49 4+59 4+69 4+79 4+89 4+99 5+09 5+19 5+29 5+39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		11	55

<i>Allen Tobey</i> REGISTERED CIVIL ENGINEER No. 29764 Exp. 03-31-13 CIVIL	06-13-11 DATE 9-19-11 PLANS APPROVAL DATE
--	--

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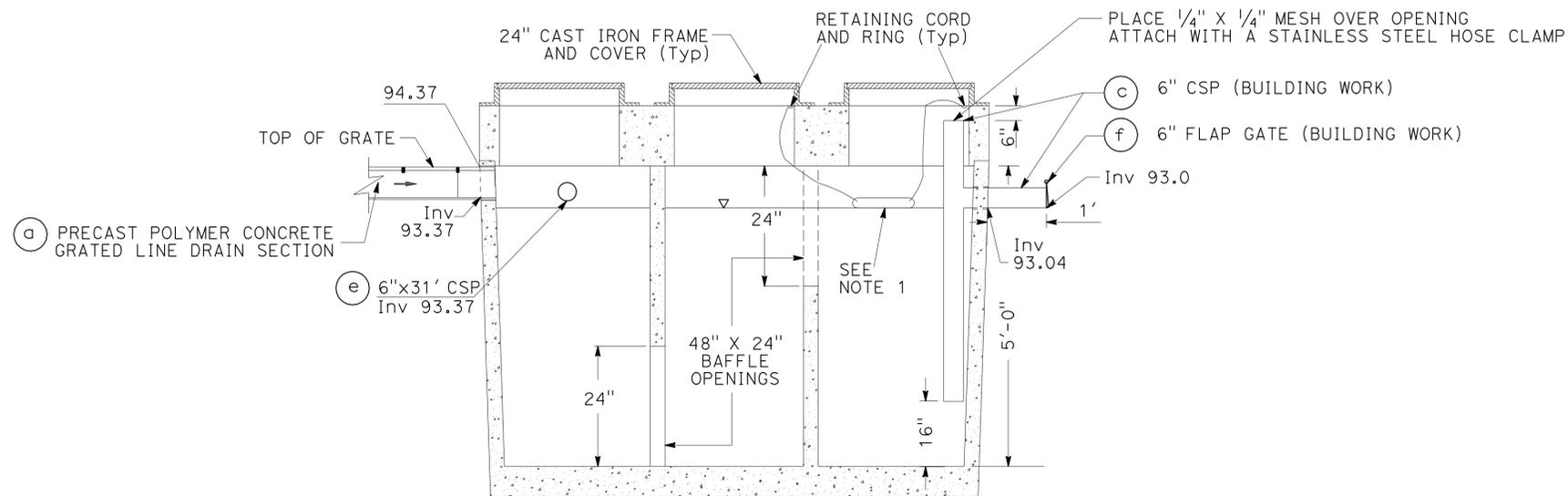
CALIFORNIA STATE FIRE MARSHAL APPROVED

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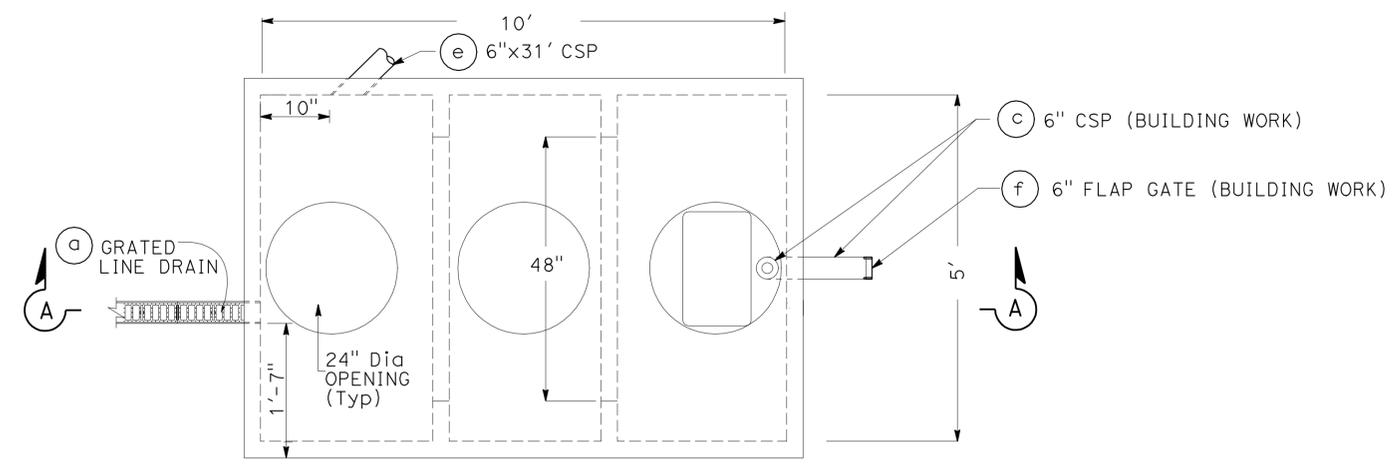
Reviewed by: *Francis Solich*
 FRANCIS SOLICH
 Approval date: 11-17-10

NOTES:

- 4'x 4' OIL SORBENT MATS TO BE EQUIPPED WITH RETAINING CORD & RING, SECURED TO OR UNDER FRAME & COVER, FOR HAND ACCESS.
- STORMWATER INTERCEPTOR SHALL BE PRECAST CONCRETE & Approx. DIMENSIONS SHOWN WITH A TOTAL CAPACITY OF BETWEEN 1,750 & 1,800 GALLONS.
- LIMITS FOR STRUCTURAL EXCAVATION SHALL BE FROM THE BOTTOM OF THE STRUCTURE AND 2' FROM THE SIDES OF THE STRUCTURE.
- LIMITS FOR STRUCTURAL BACKFILL SHALL BE FROM THE BOTTOM OF THE STRUCTURE AND A 2' WIDTH AROUND THE SIDES OF THE STRUCTURE.
- EXPOSED 6" OUTLET PIPE SHALL BE CORRUGATED, STEEL PIPE



SECTION A-A



PLAN VIEW
(COVERS & RISERS REMOVED)

(b) STORMWATER INTERCEPTOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR: JOHN FOX
 CALCULATED/DESIGNED BY: CHECKED BY:
 ALLEN TOBEY MONTASHEEMA AFROZE
 REVISOR: DATE: MA: AT: 12-01-10 06-13-11

LAST REVISION: DATE PLOTTED => 19-SEP-2011
 TIME PLOTTED => 14:38

NOTES:

- ALL CULVERT PIPE JOINTS ARE STANDARD JOINT TYPE.
- PLASTIC PIPE SHALL HAVE A SMOOTH INTERIOR.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		12	55

Allen Tobey 06-20-11
 REGISTERED CIVIL ENGINEER DATE

9-19-11
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 ALLEN C. TOBEY
 No. 29764
 Exp. 03-31-13
 CIVIL
 STATE OF CALIFORNIA

**CALIFORNIA STATE FIRE MARSHAL
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Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 11-17-10

APC ALLOWABLE PIPE MATERIAL			
DESCRIPTION	SSRP (0.079")	HDPE TYPE S OR D	PVC
	SIZE	SIZE	SIZE
6" APC	6"	6"	6"

DRAINAGE QUANTITIES												
DRAINAGE SYSTEM No	DRAINAGE UNIT	DESCRIPTION							DRAINAGE SYSTEM No	DRAINAGE UNIT		
		LF	EA	CY	LF	CY	LB	EA			LF	
1	a	108				8.1					1	a
	b		1									b
	c							7.0				c
	d			1.1			239					d
	e				31.0	1.3						e
	f		1				1					f
TOTAL		108	1	1.1	31.0	9.4	239	1	7.0			

**DRAINAGE QUANTITIES
 DQ-1**

LEGEND

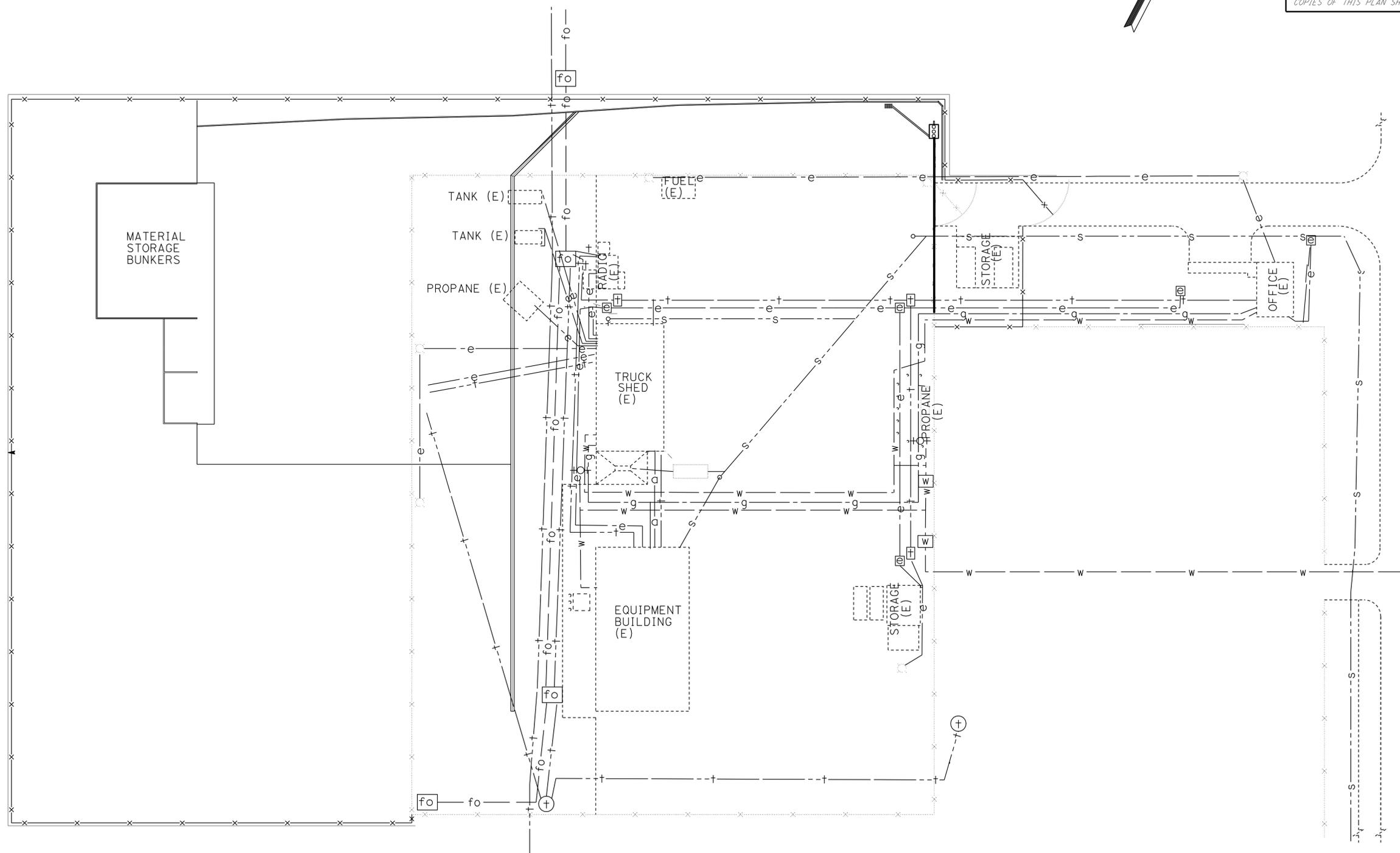
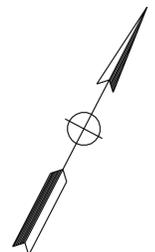
- a — EXISTING UNDERGROUND AIR LINE
- g — EXISTING UNDERGROUND PROPANE GAS LINE
- e — EXISTING UNDERGROUND ELECTRICAL LINE
- - t — EXISTING UNDERGROUND TELEPHONE LINE
- - s — EXISTING UNDERGROUND SEWER LINE
- - w — EXISTING UNDERGROUND WATER LINE
- fo — EXISTING UNDERGROUND FIBER OPTIC LINE
- +o+ EXISTING FIRE HYDRANT
- Ⓜ EXISTING ELECTRICAL BOX
- Ⓣ EXISTING TELEPHONE BOX
- ⊕ EXISTING TELEPHONE POLE
- Ⓦ EXISTING WATER BOX
- fo EXISTING FIBER OPTIC BOX
- Ⓛ EXISTING STREET LIGHT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		13	55

Allen Foley 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 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
ALLEN C. TOBEY
No. 29764
Exp. 03-31-13
CIVIL
STATE OF CALIFORNIA

CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *Francis Solich*
FRANCIS SOLICH
 Approval date: 11-17-10



SITE PLAN

EXISTING UTILITIES PLAN
NO SCALE
EU-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR: JOHN FOX
 CALCULATED/DESIGNED BY: MONTASHEEMA AFROZE
 CHECKED BY: ALLEN TOBEY
 REVISOR: AT
 DATE REVISED: 06-13-11

USERNAME => s109858
 DGN FILE => 934240+q001.dgn



UNIT 2480

PROJECT NUMBER & PHASE 0900001381

LAST REVISION: 06-16-11
 DATE PLOTTED => 19-SEP-2011
 TIME PLOTTED => 14:38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR
 JOHN FOX

CALCULATED, DESIGNED BY
 CHECKED BY

ALLEN TOBEY
 MONTASHEEMA AFROZE

REVISED BY
 DATE REVISED

MA
 12-01-10
 AT
 06-13-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		14	55

Allen Tobey 06-13-11
 REGISTERED CIVIL ENGINEER DATE
 9-19-11
 PLANS APPROVAL DATE
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CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *Francis Solich*
 FRANCIS SOLICH
 Approval date: 11-17-10

PAVEMENT QUANTITIES			
HOT MIX ASPHALT (TYPE A)	MINOR CONCRETE (CURB)	MINOR CONCRETE (GUTTER)	ROADWAY EXCAVATION
TON	CY	CY	CY
1850	16	21	4,300

CHAIN LINK FENCE			
CHAIN LINK FENCE (TYPE CL-6)	REMOVE CHAIN LINK FENCE	24' CHAIN LINK GATE (TYPE CL-6)	REMOVE GATE
LF	LF	EA	EA
1483	827	1	1

REMOVAL QUANTITIES	
REMOVE ASPHALT CONCRETE	REMOVE CULVERT
CY	LF
70	40

EROSION CONTROL
EROSION CONTROL (DRY SEED)
ACRE
0.30

SUMMARY OF QUANTITIES
Q-1

LAST REVISION DATE PLOTTED => 19-SEP-2011 06-16-11 TIME PLOTTED => 14:38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	MITCHELL NGO	MN	06-14-11
		ALLEN TOBEY		

LEGEND:

☒ EXISTING STREET LIGHT

ABBREVIATIONS:

(E) EXISTING
LPG LIQUIFIED PETROLEUM GAS

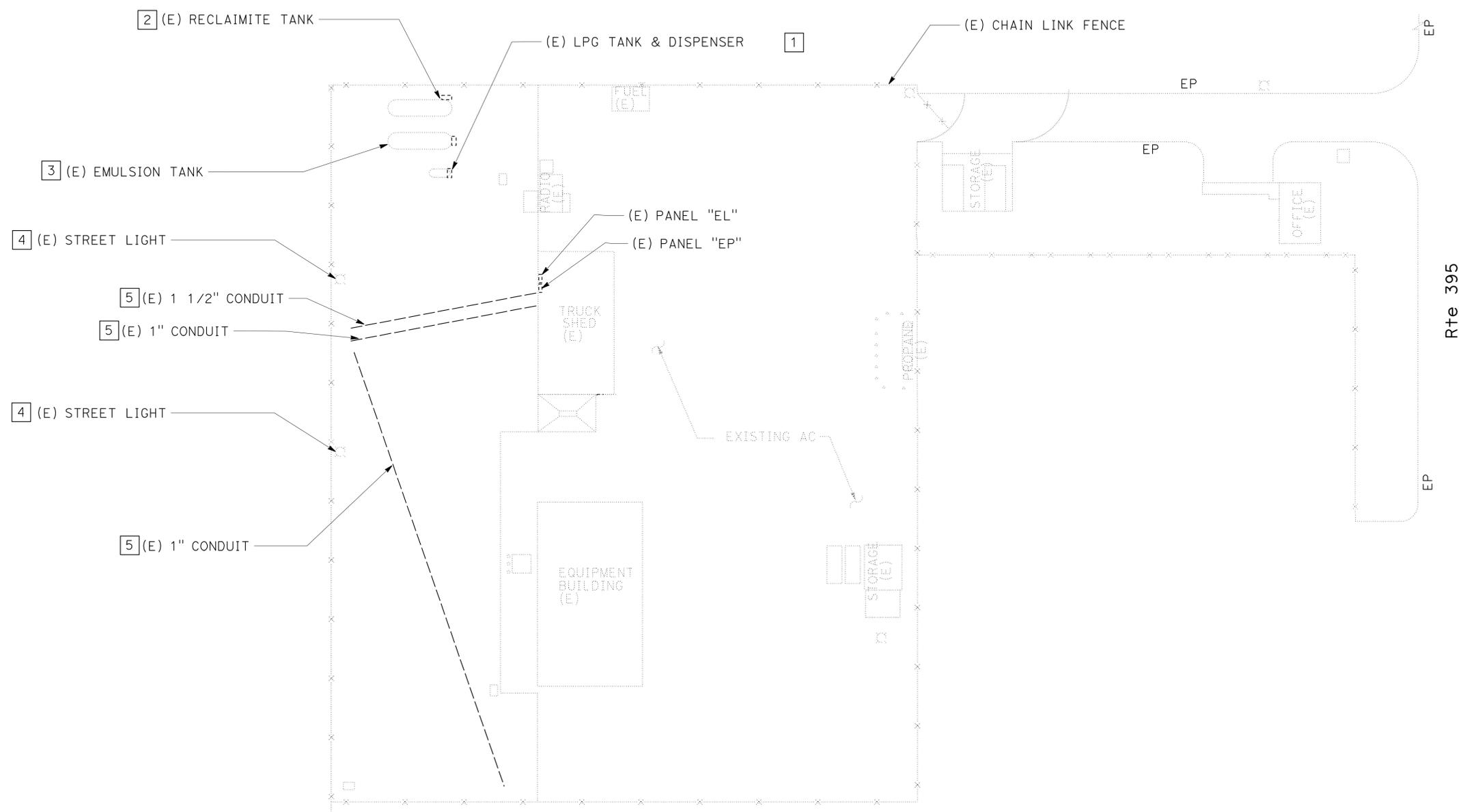
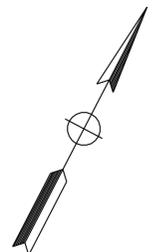
NOTES:

- 1 EXISTING LPG TANK AND DISPENSER TO BE REMOVED BY THE STATE. DISCONNECT AND REMOVE CONDUCTORS BACK TO PANEL "EP". REMOVE ALL RELATED ABOVE GROUND CONDUITS. ABANDON RELATED UNDERGROUND CONDUIT.
- 2 EXISTING RECLAIMITE ELECTRICAL PANEL AND J-BOXES TO BE REMOVED AND DISPOSED. DISCONNECT AND REMOVE CONDUCTORS BACK TO PANEL "EP". REMOVE ALL RELATED ABOVE GROUND CONDUITS. ABANDON RELATED UNDERGROUND CONDUITS.
- 3 EXISTING EMULSION ELECTRICAL PANEL AND J-BOXES TO BE REMOVED AND DISPOSED. DISCONNECT AND REMOVE CONDUCTORS BACK TO PANEL "EP". REMOVE ALL RELATED ABOVE GROUND CONDUITS. ABANDON RELATED UNDERGROUND CONDUITS.
- 4 EXISTING STREET LIGHTS TO BE REMOVED AND DISPOSED. DISCONNECT AND REMOVE CONDUCTORS BACK TO PANEL "EL". REMOVE ALL RELATED ABOVE GROUND CONDUITS. ABANDON RELATED UNDERGROUND CONDUITS.
- 5 ABANDON EXISTING CONDUIT.

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		15	55

REGISTERED ELECTRICAL ENGINEER DATE 10-27-10
 9-19-11 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
 MITCHELL NGO
 No. E18920
 Exp. 12-31-11
 ELECTRICAL
 STATE OF CALIFORNIA



SITE PLAN

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

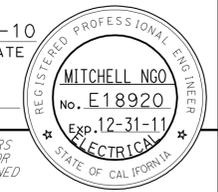
POWER/LIGHTING REMOVAL PLAN E-1
NO SCALE

LAST REVISION
 DATE PLOTTED => 19-SEP-2011
 TIME PLOTTED => 14:38

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		16	55

<i>Mitchell Ngo</i>	10-27-10
REGISTERED ELECTRICAL ENGINEER	DATE
9-19-11	
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.



CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approvals subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *Francis Solich*
 FRANCIS SOLICH
 Approval date: 11-17-10

LEGEND:

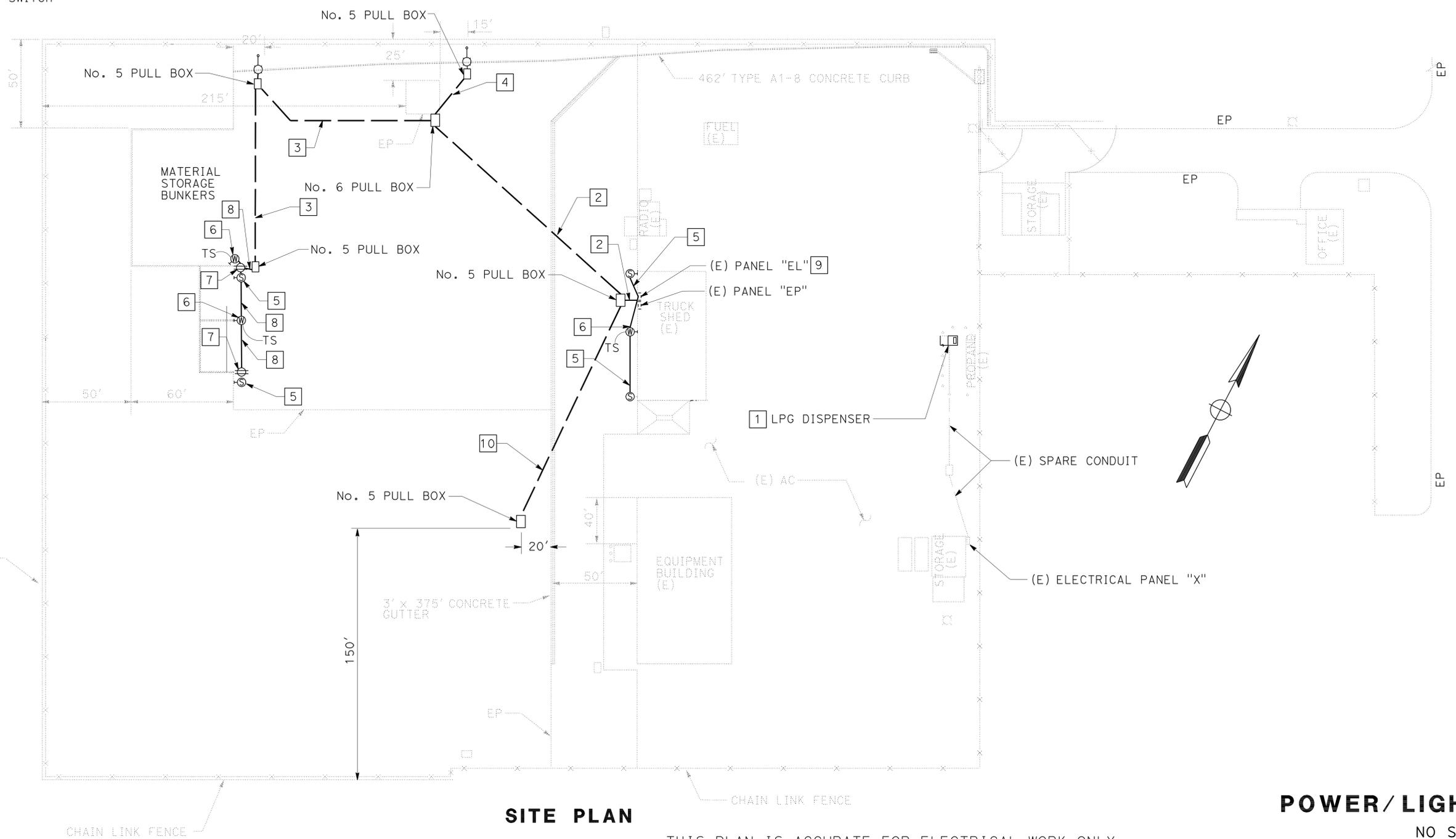
- (S2) INSTALL STATE-FURNISHED TYPE 15 LIGHTING STANDARD AND 200 W HPS LUMINAIRE WITH TYPE IV PEC. FURNISH AND INSTALL ANCHOR BOLTS AND FOUNDATION. SEE REVISED STANDARD PLAN RSP ES-6A.
- EXISTING VERIZON FIBER OPTIC UTILITY BOX
- EXISTING STREET LIGHT
- (S1) INSTALL WALL MOUNTED SECURITY LIGHT
- (W1) INSTALL WALL MOUNTED WORK LIGHT
- INSTALL WALL MOUNTED GFCI, WEATHERPROOF RECEPTACLE

ABBREVIATIONS:

- (E) EXISTING
- No. NUMBER
- (UG) UNDERGROUND
- LPG LIQUIFIED PETROLEUM GAS
- TS TIMER SWITCH

NOTES:

- 1 INTERCEPT (E) SPARE CONDUIT AND EXTEND TO LPG DISPENSER. PROVIDE 2#12, 1#12 G IN (E) SPARE CONDUIT FROM LPG DISPENSER TO (E) PANEL "X". PROVIDE CONDUIT SEAL PER NEC REQUIREMENT. PROVIDE 20 A/2 P/240 V CIRCUIT BREAKER AT (E) PANEL "X".
- 2 3"C WITH PULL ROPE AND 2"C, 4#10, 1#12 G (LIGHTING AND RECEPTACLE POWER)
- 3 2"C, 4#10, 1#12 G (LIGHTING AND RECEPTACLE POWER)
- 4 3/4"C, 2#10, 1#12 G (STREET LIGHT POWER)
- 5 3/4"C, 2#10, 1#12 G (SECURITY LIGHT POWER) - PROVIDE PHOTOCELL (PEC) CONTROL FOR SECURITY LIGHT
- 6 3/4"C, 2#10, 1#12 G (WORK LIGHT POWER) - PROVIDE 2 HR TIMER SWITCH (TS) (MOUNT 60" ABOVE GROUND) FOR WORK LIGHT.
- 7 3/4"C, 2#10, 1#12 G (GFCI WEATHERPROOF RECEPTACLE)
- 8 3/4"C, 4#10, 1#12 G
- 9 USE SPARE 20 A/1 P/120 V CIRCUIT BREAKERS FOR NEW LOADS. 1 FOR STREET LIGHTS, 1 FOR LIGHTS AND RECEPTACLE, AND 1 FOR TRUCK SHED LIGHT.
- 10 3"C WITH PULL ROPE

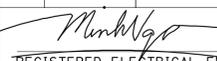


SITE PLAN

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

POWER/LIGHTING PLAN E-2
 NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans MAINTENANCE ENGINEERING	JOHN FOX	MITCHELL NGO	06-14-11
		ALLEN TOBEY	06-14-11

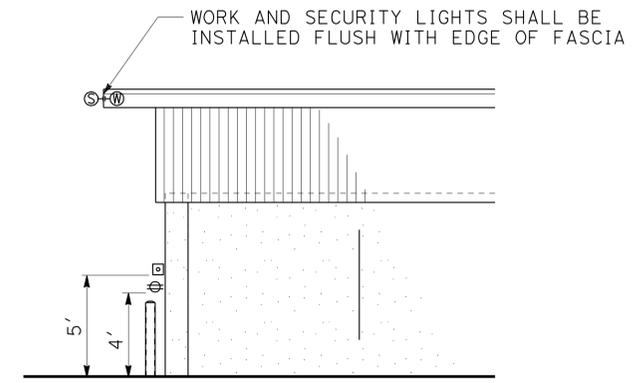
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		17	55
 REGISTERED ELECTRICAL ENGINEER DATE 10-27-10					
9-19-11 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



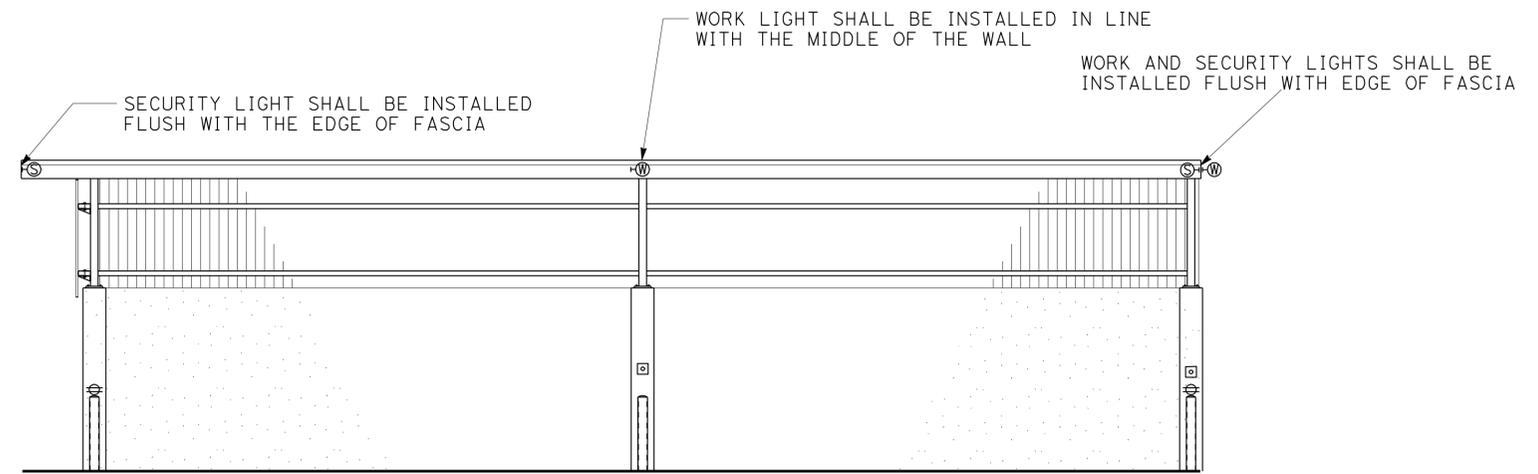
LEGEND:

- ☐ INSTALL WALL MOUNTED TIMER SWITCH
- ⊙ (S1) INSTALL WALL MOUNTED SECURITY LIGHT
- ⊙ (W1) INSTALL WALL MOUNTED WORK LIGHT
- ⊕ INSTALL WALL MOUNTED GFCI OUTDOOR RECEPTACLE DIRECTLY BEHIND BOLLARD

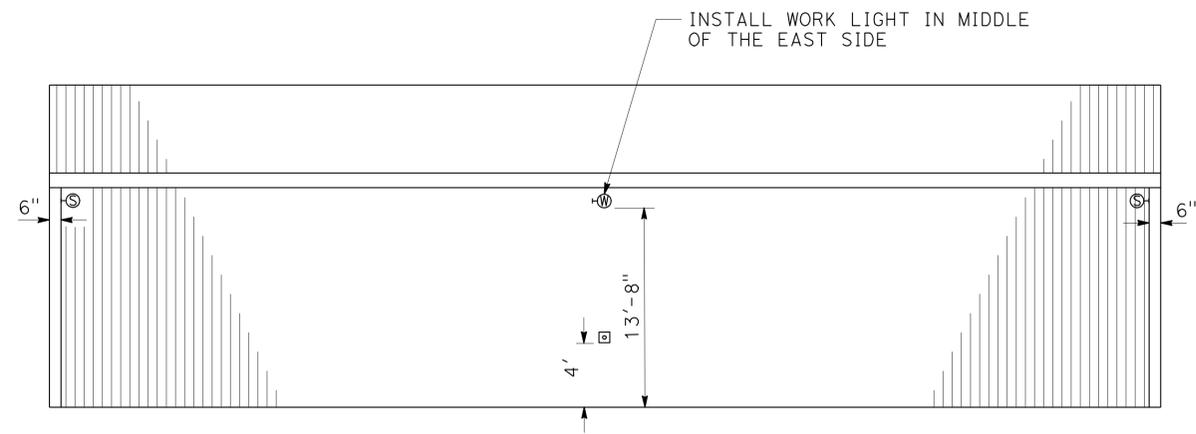
NOTE:
 DIMENSIONS ARE TO BOTTOM OR OUTSIDE EDGE OF LIGHT FIXTURE OR ELECTRICAL BOX



MATERIAL BIN NORTH ELEVATION



MATERIAL BIN EAST ELEVATION



TRUCK SHED EAST ELEVATION

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

LIGHTING DETAILS
 NO SCALE **E-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR JOHN FOX
 CALCULATED/DESIGNED BY CHECKED BY
 MITCHELL NGO ALLEN TOBEY
 REVISOR BY DATE REVISOR
 MN 12-01-10
 AT 06-14-11

REVISOR: AT
 DATE: 06-14-11
 REVISION: MN
 DATE: 12-01-10
 REVISION: TOBEY
 CHECKED BY: ALLEN TOBEY
 CALCULATED/DESIGNED BY: MITCHELL NGO
 CHECKED BY: JOHN FOX
 FUNCTIONAL SUPERVISOR

Certificate of Compliance (Page 1 of 4) OLTG-1C

Project Name: Independence Highway Maintenance Station Improvement Date: 11/5/2010

Project Address: 665 N. Edwards St., Independence, CA 93526 Total Hardscape Illuminated Area: 50,000 sq. ft.

General Information
 Phase of Construction: New Construction Addition Alteration

Documentation Author's Declaration Statement
 I certify that this Certificate of Compliance documentation is accurate and complete.

Name: Mitchell Ngo Signature: *Mitchell Ngo*
 Company: Caltrans Date: 11/5/2010
 Address: 500 S. Main St. IF Applicable CEA # CEPE #
 City/State/Zip: Bishop, CA 93514 Phone: 760-872-0628

Principal Lighting Designer's Declaration Statement

- I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design.
- This Certificate of Compliance identifies the lighting features and performance specifications required for compliance with Title 24, Pages 1 and 6 of the California Code of Regulations.
- The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Name: Mitchell Ngo Signature: *Mitchell Ngo*
 Company: Caltrans Phone: 760-872-0628
 Address: 500 S. Main St. License # E18920
 City/State/Zip: Bishop, CA 93514 Date: 11/5/2010

Principal Lighting Designer's Declaration

I certify that this Certificate of Compliance documentation is accurate and complete, and accounts for all outdoor lighting power, including building mounted, pole mounted, as well as all other outdoor lighting designed for the site, and that Additional Lighting Power Allowances for Specific Applications or Additional Lighting Power Allowances for Ordinance Requirements have not been counted more than one time for the same area, in accordance with Section 147 of the Standards.

Outdoor Lighting Mandatory Measures
 Indicate location on building plans of Mandatory Measures Note Block: _____

LIGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.

OLTG-1C Certificate of Compliance. All 4 pages required on plans for all submittals.

OLTG-2C (Page 1 of 3) Lighting Wattage Allowances for General Hardscape, Sales Frontage, or Ornamental Lighting. Optional on plans.

OLTG-2C (Page 2 of 3) Lighting Wattage Allowances for Per Application or Per Area. Optional on plans.

OLTG-2C (Page 3 of 3) Additional Lighting Power Allowance for Ordinance Requirements. Optional on plans.

REVISOR: AT
 DATE: 06-14-11
 REVISION: MN
 DATE: 12-01-10
 REVISION: TOBEY
 CHECKED BY: ALLEN TOBEY
 CALCULATED/DESIGNED BY: MITCHELL NGO
 CHECKED BY: JOHN FOX
 FUNCTIONAL SUPERVISOR

Certificate of Compliance (Page 2 of 4) OLTG-1C

COMPLIANCE FIXTURE / LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST

Project Name: Independence Highway Maintenance Station Improvement Date: 11/5/2010

Project Address: 665 N. Edwards St., Independence, CA 93526

INSTALLATION CERTIFICATE, OLTG-1-INST (Retain a copy and verify form is completed and signed.) **Field Inspection**

CERTIFICATE OF ACCEPTANCE, OLTG-2A (Retain a copy and verify form is completed and signed.) **Field Inspection**

A	B	C	D	E	F		G	H	I		
					How wattage was determined	Number of Luminares			Installed Watts (D x G)	Pass	Fail
Name Or Item Tag	Luminaire Description ¹ <small>See footnote below</small>	Cutoff Designation	Watts per Luminaire	Special Features	Default from NA-S	According to §130 (d or e)					
S1	Wall Pack security light with electronic ballast (70w HPS)	non	93w	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	465w	<input type="checkbox"/>	<input type="checkbox"/>	
S2	Type 15 lighting standard (200w HPS)	cutoff	234w	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	468w	<input type="checkbox"/>	<input type="checkbox"/>	
W1	Wall Pack work light with electronic ballast (250w HPS)	cutoff	302w	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	1208w	<input type="checkbox"/>	<input type="checkbox"/>	
Enter total into OLTG-1C, Page 4 of 4; Row H; Total Installed Watts:									2141 w		

1. Type of luminaire (i.e.: post top, wall pack, surface, shoe box); for non-incandescent luminaires, indicate nominal lamp wattage and lamp type (i.e.: fluorescent, incandescent, HID); ballast type (i.e.: electronic or magnetic); number of lamps and number of ballasts per luminaire. For incandescent luminaires, the luminaire wattage listed in column D shall be the maximum relamping rated wattage on a permanent factory-installed label on the luminaire, NOT the wattage of the lamp (bulb) used, in accordance with Section 130(d or e).
 2. If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.

EXEMPT LUMINAIRES **Field Inspection**

Name or Symbol	Description of exempt luminaires in accordance with §147

MANDATORY CONTROLS **Field Inspection**

#	Description	Location	#	Description	Location
6	Photoelectric Control	Parking lot			
3	2 hour timer switch	Parking Lot			

SPECIAL FEATURES INSPECTION CHECKLIST (See Page 2 of 4 of OLTG-1C)

The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

Field Inspector Notes or Discrepancies:

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny	5709		18	55

10-27-10
 REGISTERED ELEC. ENGINEER DATE

9-19-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 MITCHELL NGO
 No. E 18920
 Exp. 12-31-11
 ELEC.
 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.

Certificate of Compliance (Page 3 of 4) OLTG-1C

Project Name: Independence Highway Maintenance Station Improvement Date: 11/5/2010

A. OUTDOOR LIGHTING ZONE

OUTDOOR LIGHTING ZONE: OLZ 1 OLZ 2 OLZ 3 OLZ 4

Is the Outdoor Lighting Zone: Default in accordance with §10-114, or Amended by JHA

Complete the information below if the default Outdoor Lighting Zone has been amended by the local jurisdiction having authority (JHA):

The site is a government designated park, recreation area, wildlife preserve, or portion thereof, and has been designated as LZ2 or LZ3, in accordance with Table 10-114-A, because the site is contained within such a zone.

The local jurisdiction having authority has officially adopted a change to the State Default Lighting Zone and has notified the Energy Commission by providing the materials required in §10-114(d) to the Executive Director.

The adopted change is posted on the Energy Commission website.

B. ADDITIONAL LIGHTING POWER ALLOWANCE FOR ORDINANCE REQUIREMENTS

Are additional lighting power allowances for ordinance in Table 147-C used? Yes No

Complete the information below if additional lighting power allowances for ordinance requirements are used:

The local jurisdiction having authority has officially adopted specific outdoor light levels, which are expressed as average or minimum footcandle levels, by following a public process that allowed for formal public notification, review, and comment about the proposed change.

The local jurisdiction having authority which adopted specific outdoor light levels and has notified the Commission by providing the following materials required §10-114(f) to the Executive Director.

C. ACCEPTANCE FORMS

Required Acceptance Tests Designer:

This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for the Lighting system, OLTG-2A. The designer is required to check the acceptance tests and list all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. If all the lighting system or control of a certain type requires a test, list the different lighting and the number of systems. The NA7 Section in the Appendix of the Nonresidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately. Forms can be grouped by type of Luminaire controlled.

Enforcement Agency:

Systems Acceptance. Before Occupancy Permit is granted for a newly constructed building or space or when ever new lighting system with controls is installed in the building or space shall be certified as meeting the Acceptance Requirements. The OLTG-2A form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or filled and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of §10-103(b) of Title 24 Part 6. The field inspector must receive the properly filled out and signed forms before the building can receive final occupancy. A copy of the OLTG-2A for each different lighting luminaire control(s) must be provided to the owner of the building for their records.

Certificate of Acceptance				
Luminaires Controlled				OLTG-2A ¹
Equipment Requiring Testing	Description	Number of Like Controls	Location	Outdoor Lighting Acceptance Tests
Photoelectric Controller/Sensor	On 2 street lights & 4 security lights	6	Parking Lot	OP
2 hour timer switch	on 3 work lights	3	Parking Lot	STS

1. Insert: OMS for Outdoor Motion Sensor, OLSC for Outdoor Lighting Shutoff Controls, OP for Outdoor Photocontrol, ATS for Astronomical Time Switch, and STS for Standard (non-astronomical) Time Switch acceptance.

DATE PLOTTED => 19-SEP-2011 TIME PLOTTED => 14:55

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

CERTIFICATE OF COMPLIANCE (Page 4 of 4) OLTG-1C
 Project Name: Independence Highway Maintenance Station Improvement Date: 11/5/2010
ALLOWED AND INSTALLED OUTDOOR LIGHTING POWER

		Lighting Wattage Power Allowance
A	Lighting power allowance for general hardscape (from OLTG-2C Page 1 of 3)	3323 w
B	Specific application lighting wattage allowance per unit length (from OLTG-2C Page 1 of 3)	
C	Specific application wattage allowance for ornamental lighting (from OLTG-2C Page 1 of 3)	
D	Specific application wattage allowance per application (from OLTG-2C Page 2 of 3)	
E	Specific application lighting wattage allowance per area (from OLTG-2C Page 2 of 3)	
F	Additional lighting power allowance for ordinance requirements (from OLTG-2C Page 3 of 3)	
G	Total Allowed Wattage = Sum of rows A through F:	3323 w
H	Total Installed Watts (from Luminaire Schedule, (from OLTG-1C (Page 2 of 4))	2141 w
Provided that the lighting wattage power allowances listed in rows A through F are identical to the lighting wattage power allowances taken from OLTG-2C Pages 1 through 3, complies if Installed Wattage in row H is less than or equal to the Total Installed Wattage in row G		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2008 Nonresidential Compliance Forms

July 2010

OUTDOOR LIGHTING WORKSHEET (Page 1 of 3) OLTG-2C
 Project Name: Independence Highway Maintenance Station Improvement Date: 11/5/2010

A. LIGHTING POWER ALLOWANCE FOR GENERAL HARDSCAPE

AREA WATTAGE ALLOWANCE (AWA)			LINEAR WATTAGE ALLOWANCE (LWA)			INITIAL WATTAGE ALLOWANCE	TOTAL GENERAL HARDSCAPE LIGHTING ALLOWANCE
A	B	C	D	E	F	G	H
ILLUMINATED HARDSCAPE AREA	AWA PER SQUARE FOOT	AWA (A X B)	PERIMETER LENGTH OF GENERAL HARDSCAPE	LWA PER LINEAR FOOT	LWA (D X E)	IWA (WATTS)	C + F + G
50,000 ft ²	0.045 w/ft ²	2250 w	1252 lf	0.45 w/lf	563 w	510 w	3323 w
Enter total into OLTG-1C; Page 4 of 4; Row A; Lighting Power Allowance for General Hardscape:							3323 w

Yes: AWA, LWA, and IWA from Table 147-A was used as appropriate for the Outdoor Lighting Zone

B. SPECIFIC APPLICATION LIGHTING WATTAGE ALLOWANCE PER UNIT LENGTH (Available only for sales frontage)

DETERMINE WATTAGE ALLOWANCE			LUMINAIRE TYPE			DESIGN WATTS			
A	B	C	D	E	F	G	H	I	J
Specific Lighting Application	Linear Feet of Frontage	Sales Frontage allowance for OLZ (watts per lf)	Wattage Allowance (B x C)	Name or Symbol	Luminaire Type	Luminaire Quantity	Watts per Luminaire	Design Watts (G x H)	Allowed Watts Minimum of D or I
Enter total into OLTG-1C; Page 4 of 4; Row B; Specific Application Lighting Wattage Allowance Per Unit Length									

C. SPECIFIC APPLICATION WATTAGE ALLOWANCE FOR ORNAMENTAL LIGHTING

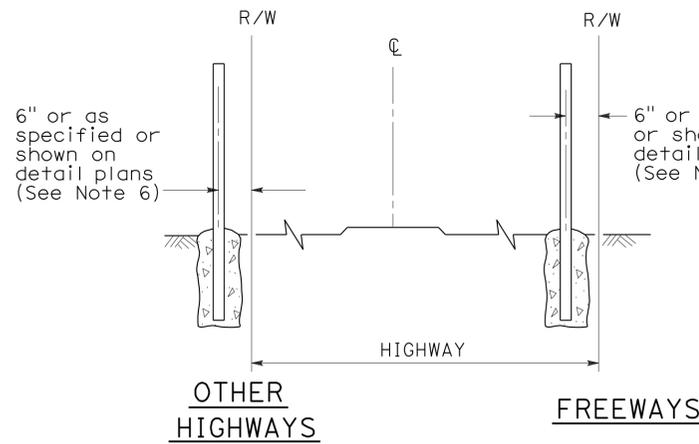
DETERMINE WATTAGE ALLOWANCE			LUMINAIRE TYPE			DESIGN WATTS			
A	B	C	D	E	F	G	H	I	J
Specific Lighting Application	Square feet of Hardscape	Ornamental Lighting Allowance for OLZ (watts per ft ²)	Wattage Allowance (B x C)	Name or Symbol	Luminaire Type	Luminaire Quantity	Watts per Luminaire	Design Watts (G x H)	Allowed Watts Minimum of D or I
Enter total into OLTG-1C; Page 4 of 4; Row C; Specific Application Wattage Allowance for Ornamental Lighting									

2008 Nonresidential Compliance Forms

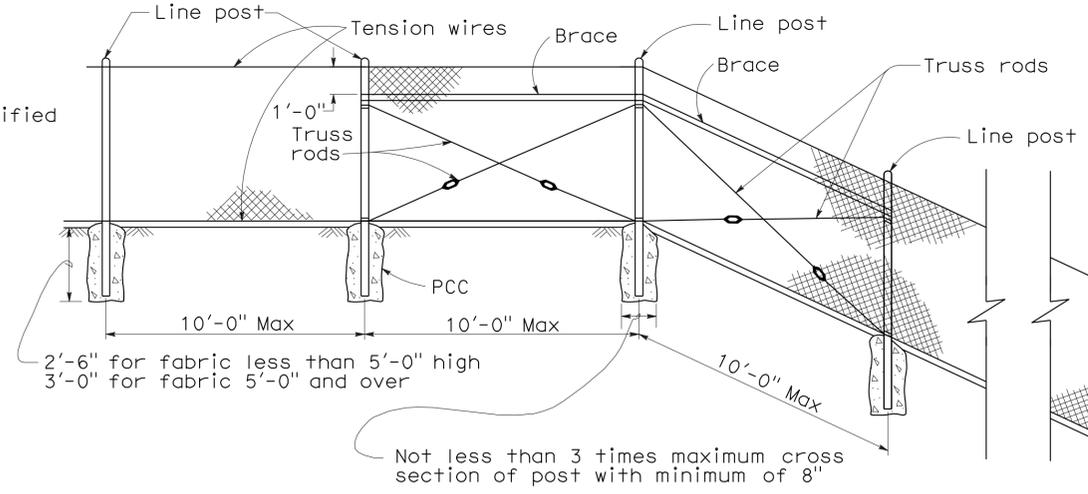
March 2010

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

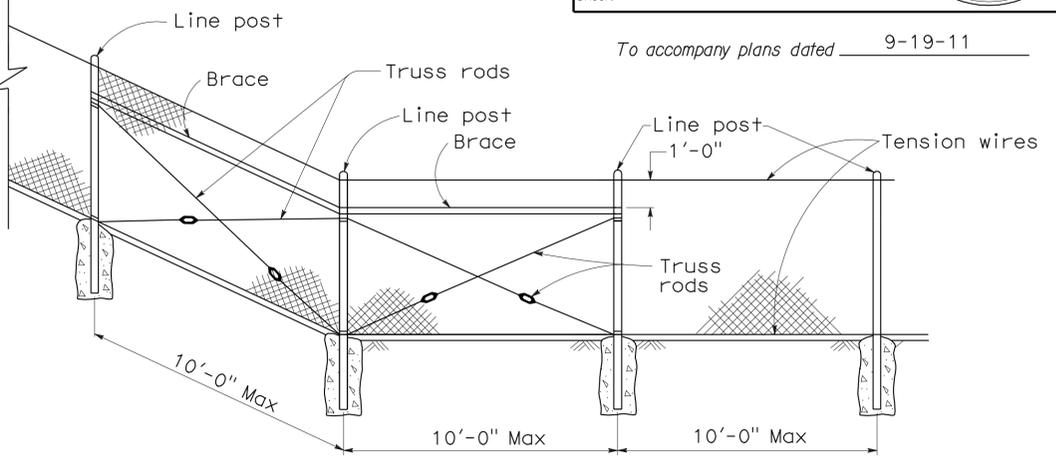
LIGHTING TITLE 24 FORMS
 NO SCALE
E-5



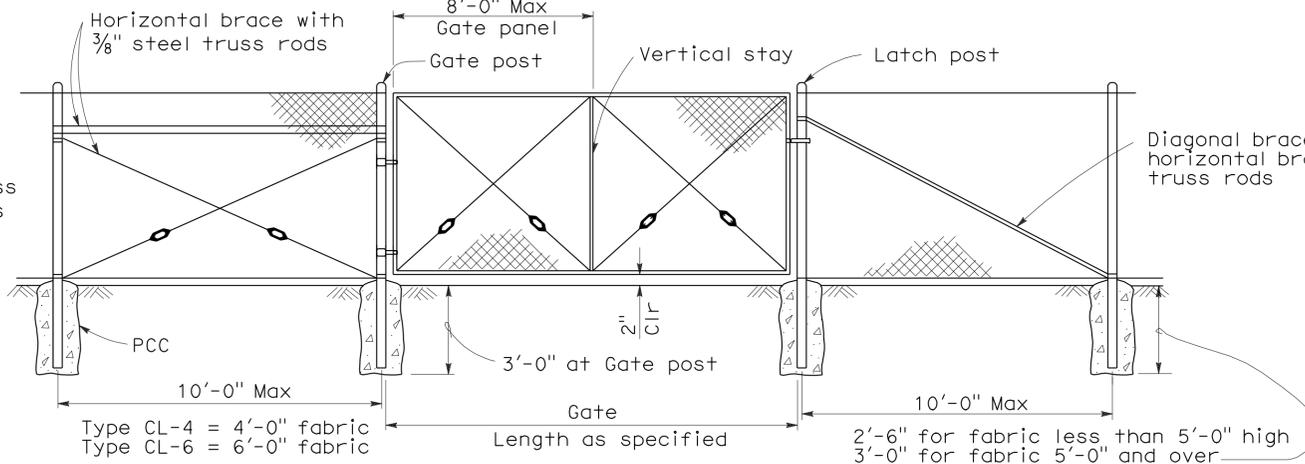
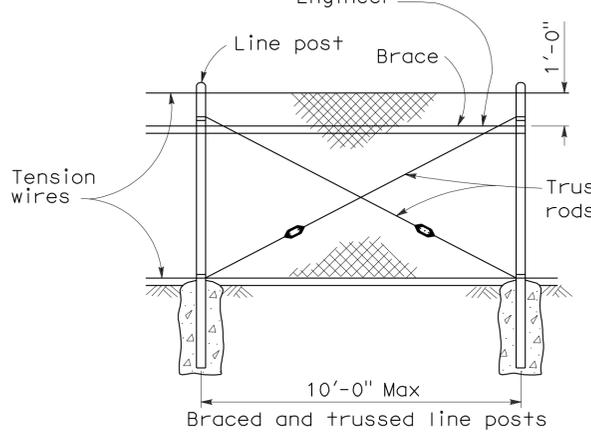
FENCE LOCATION



CHAIN LINK FENCE ON SHARP BREAK IN GRADE



Brace to be removed after all other fence construction is completed unless otherwise directed by the Engineer



CHAIN LINK GATE INSTALLATION

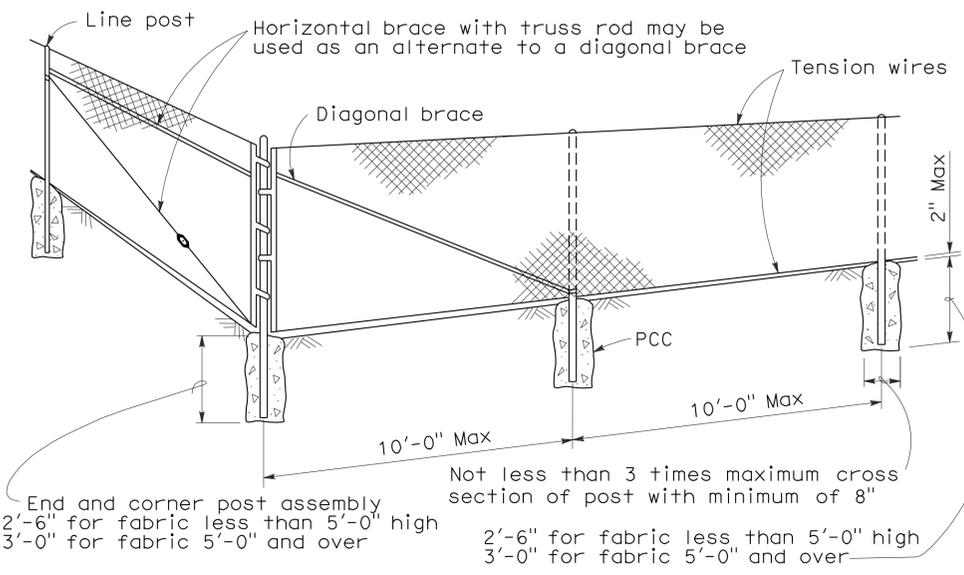
GATE POST			
FENCE HEIGHT	GATE WIDTHS	NOMINAL ID	WEIGHT PER FOOT
6'-0" and Less	Up thru 6'-0"	2 1/2"	4.95 LB
	Over 6'-0" thru 12'-0"	4"	10.79 LB
	Over 12'-0" thru 18'-0"	5"	14.62 LB
	Over 18'-0" to 24'-0" Max	6"	18.97 LB
Over 6'-0"	Up thru 6'-0"	3"	7.58 LB
	Over 6'-0" thru 12'-0"	5"	14.62 LB
	Over 12'-0" thru 18'-0"	6"	18.97 LB
	Over 18'-0" to 24'-0" Max	8"	28.55 LB

Above post dimensions and weights are minimums. Larger sizes may be used on approval of the Engineer.

NOTES:

- The below table shows examples of post and brace sections which may comply with the Specifications.
- Sections shown in the tables must also comply with the strength requirements and other provisions of the Specifications.
- Other sections which comply with the strength requirements and other provisions of the Specifications may be used on approval of the Engineer.
- Options exercised shall be uniform on any one project.
- Dimensions shown are nominal.
- Offset to be 2'-0" at monument locations, measured at right angles to R/W lines. Taper to achieve offset to be at least 20'-0" long.

FENCE HEIGHT	TYPICAL MEMBER DIMENSIONS (See Notes)									
	LINE POSTS			END, LATCH & CORNER POSTS			BRACES			
	ROUND ID	H	ROLL FORMED	ROUND ID	ROLL FORMED		ROUND ID	H	ROLL FORMED	
6' & less	1 1/2"	1 7/8" x 1 5/8"	1 7/8" x 1 5/8"	2"	3 1/2" x 3 1/2"	2" x 1 3/4"	1 1/4"	1 1/2" x 1 5/16"	1 5/8" x 1 1/4"	1 3/4" x 1 1/4"
Over 6'	2"	2 1/4" x 2"	2" x 1 3/4"	2 1/2"	3 1/2" x 3 1/2"	2 1/2" x 2 1/2"	1 1/4"	1 1/2" x 1 5/16"	1 5/8" x 1 1/4"	1 3/4" x 1 1/4"



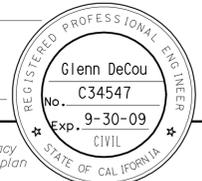
CORNER POST

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
CHAIN LINK FENCE
 NO SCALE

RSP A85 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN A85 DATED MAY 1, 2006 - PAGE 111 OF THE STANDARD PLANS BOOK DATED MAY 2006.

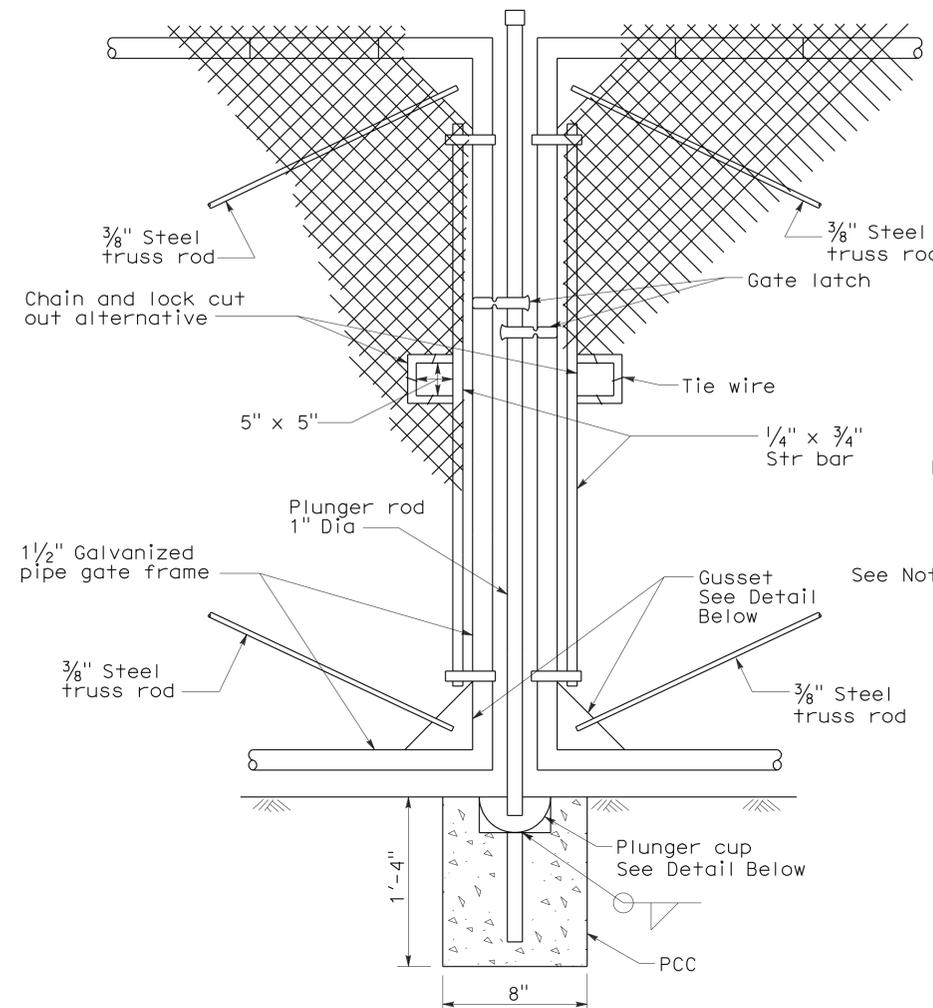
REVISED STANDARD PLAN RSP A85

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		21	55

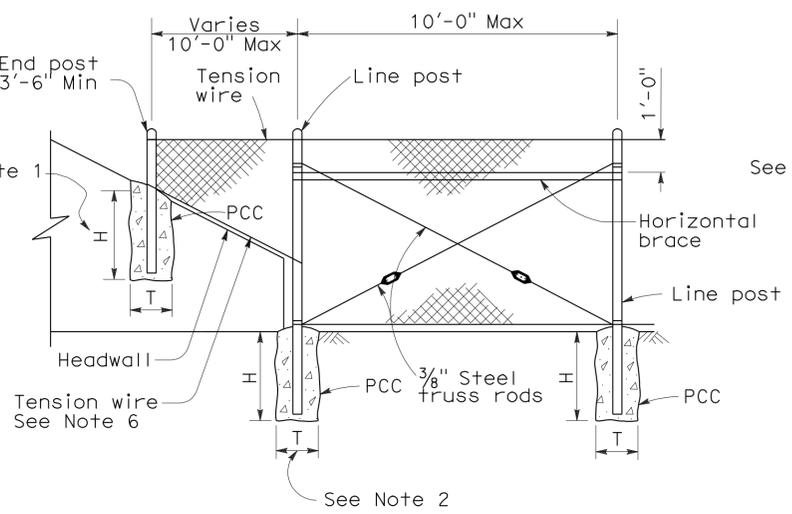
 REGISTERED CIVIL ENGINEER		
June 5, 2009 PLANS APPROVAL DATE		
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small>		

- NOTES:**
- H is 2'-6" for fabric less than 5'-0" high.
H is 3'-0" for fabric 5'-0" and over.
 - T is not less than 3 times maximum cross section of post with minimum of 8".
 - Arms with barbed wire to be used where shown on plans.
 - See Revised Standard Plan RSP A85 for Chain Link Fencing dimensions.
 - Reinforcing must comply with ASTM A 706.
 - See Detail A on New Standard Plan NSP A86B for connection at headwall.

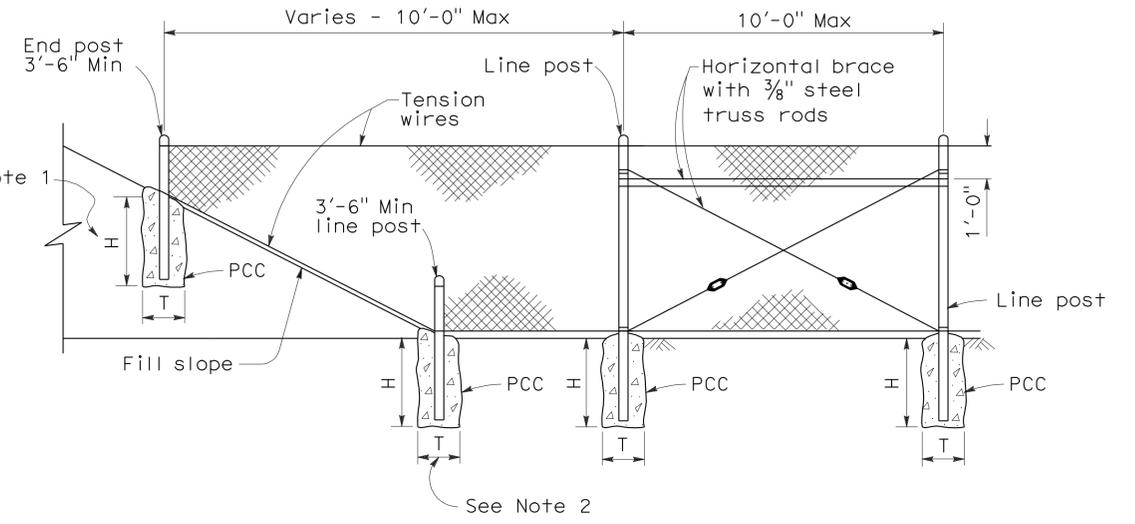
To accompany plans dated 9-19-11



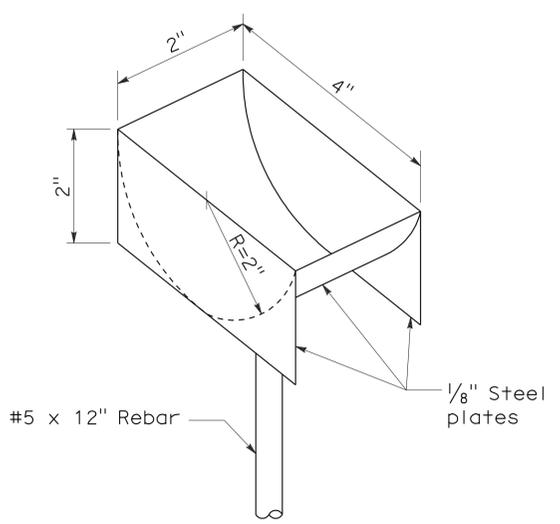
**TYPICAL DOUBLE GATE
REMOVABLE CENTER POST**



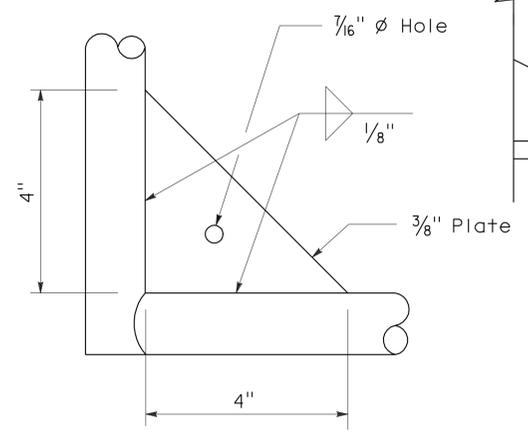
METHOD OF TYING FENCE TO HEADWALL



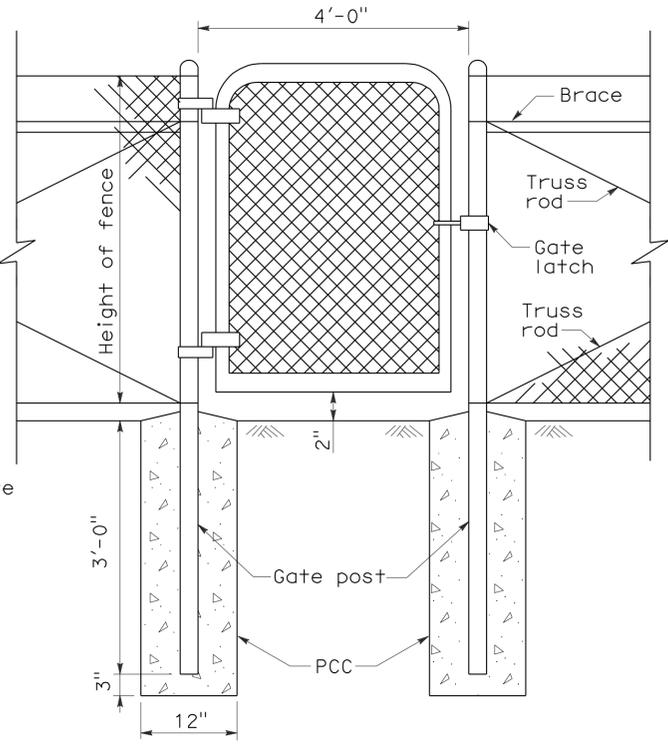
METHOD OF ERECTING FENCE FOR FILL SLOPE



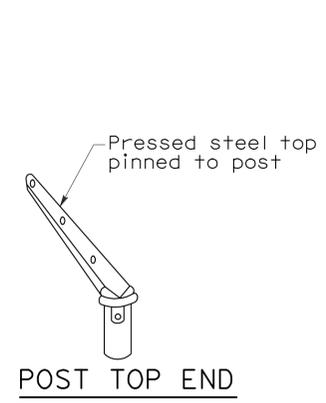
PLUNGER CUP DETAIL



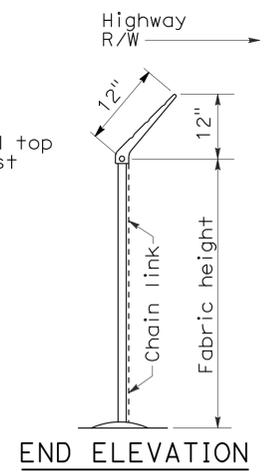
GUSSET DETAIL



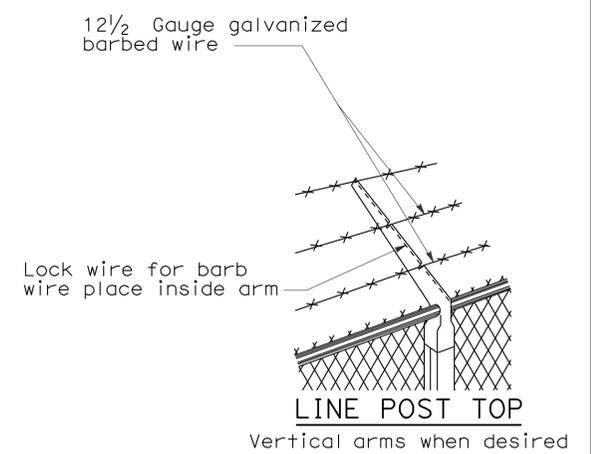
WALK GATE



POST TOP END



BARBED WIRE POST TOP
See Note 3



LINE POST TOP

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CHAIN LINK FENCE DETAILS
NO SCALE

NSP A85A DATED JUNE 5, 2009 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP A85A

2006 NEW STANDARD PLAN NSP A85A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		22	55

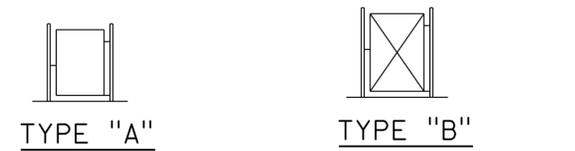
Glenn De Cou
REGISTERED CIVIL ENGINEER

June 5, 2009
PLANS APPROVAL DATE

Glenn De Cou
REGISTERED PROFESSIONAL ENGINEER
No. C34547
Exp. 9-30-09
STATE OF CALIFORNIA

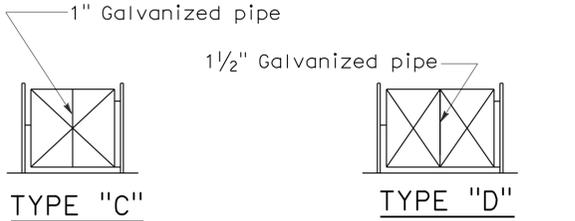
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To accompany plans dated 9-19-11



TYPE "A"
3' and 6' Single
6' and 12' Double

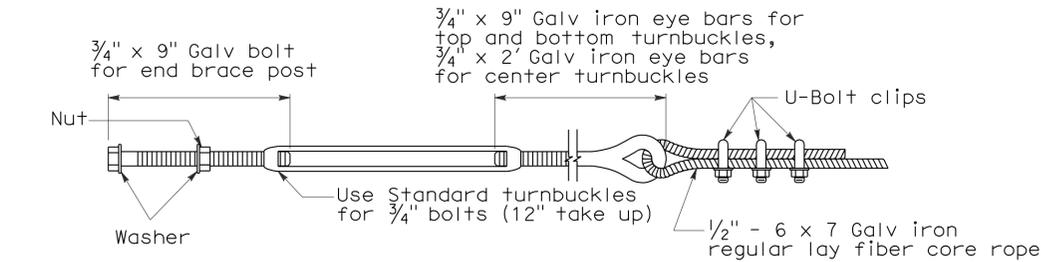
TYPE "B"
Over 6' to 12' Single.
Over 12' to 24' Double



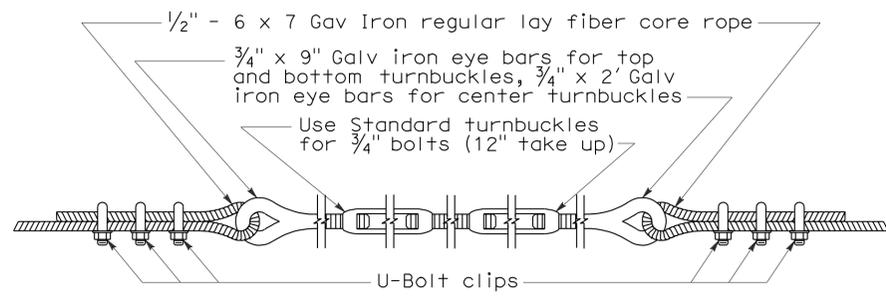
TYPE "C"
Over 12' to 18' Single
Over 24' to 36' Double.

TYPE "D"
Over 18' to 24' Single
Over 36' to 48' Double

TYPICAL FRAMEWORK SHOWING NUMBER OF BAYS IN GATE



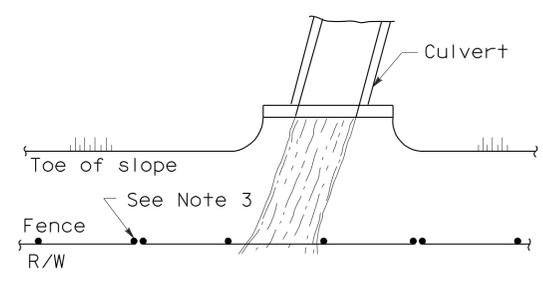
TURNBUCKLE A



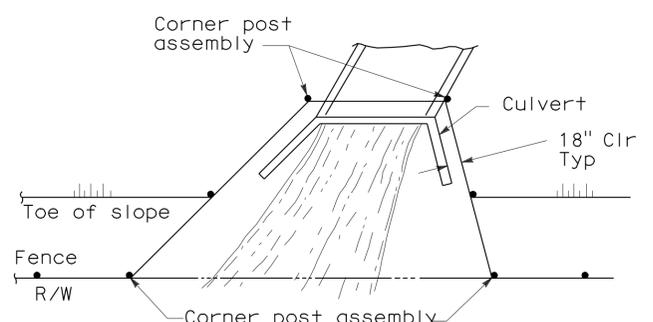
TURNBUCKLE B

NOTES:

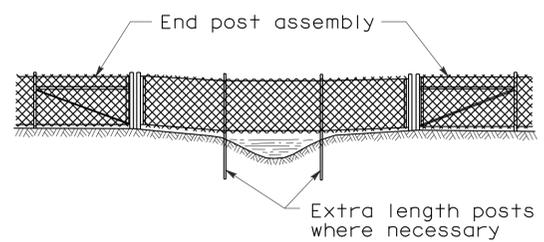
1. All material for abutment connection to be galvanized.
2. The chain link fabric shall be replaced by barbed wire strands at 12" maximum centers between the double posts.
3. When the width of the culvert makes it necessary to anchor a post to the top of the culvert, a cast iron shoe or other device approved by the Engineer shall be used.
4. Fencing over stream and around headwall may also use Barbed Wire or Wire Mesh fencing with either wood post or steel post installation.
5. See Revised Standard Plan RSP A85 for Chain Link fence dimensions. See Standard Plan A86 for Barbed Wire and Wire Mesh fence dimensions and for wood post and steel post installation.



PLAN

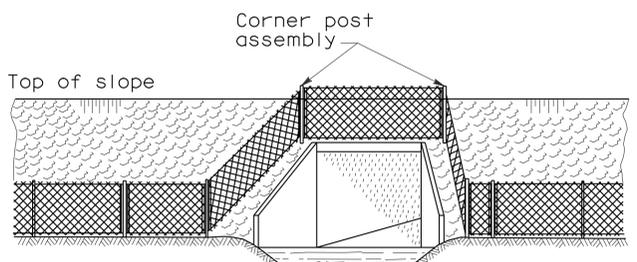


PLAN



ELEVATION

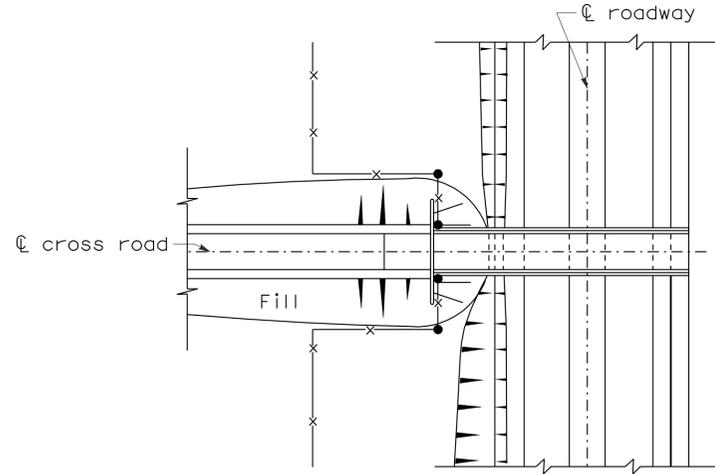
INSTALLATION OVER STREAM



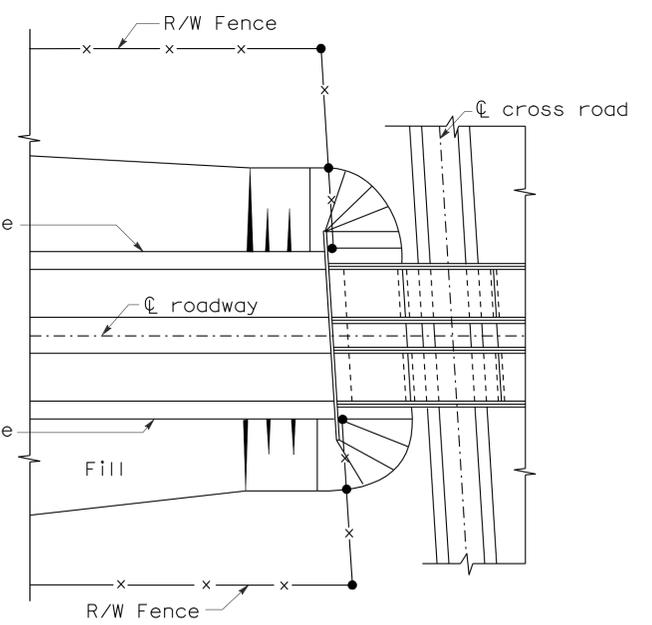
ELEVATION

INSTALLATION AROUND HEADWALL

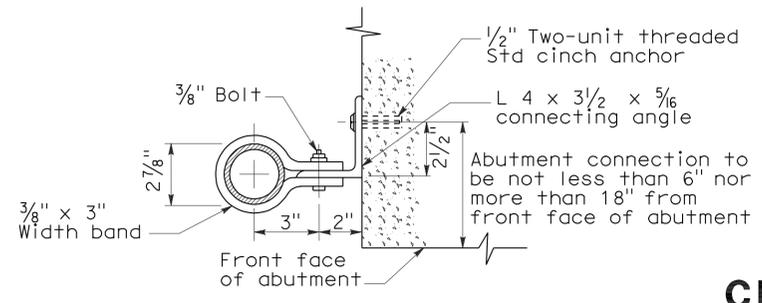
See Note 4



PLAN OF ROADWAY - UNDERPASS



PLAN OF ROADWAY - OVERPASS



ABUTMENT CONNECTION

TYPICAL INSTALLATION AT BRIDGES

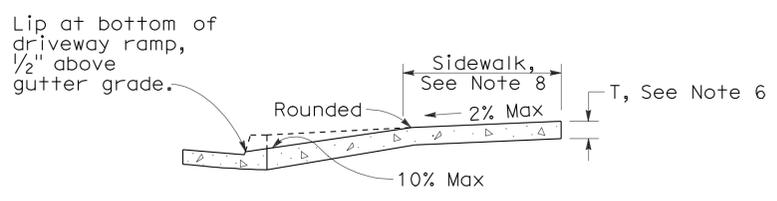
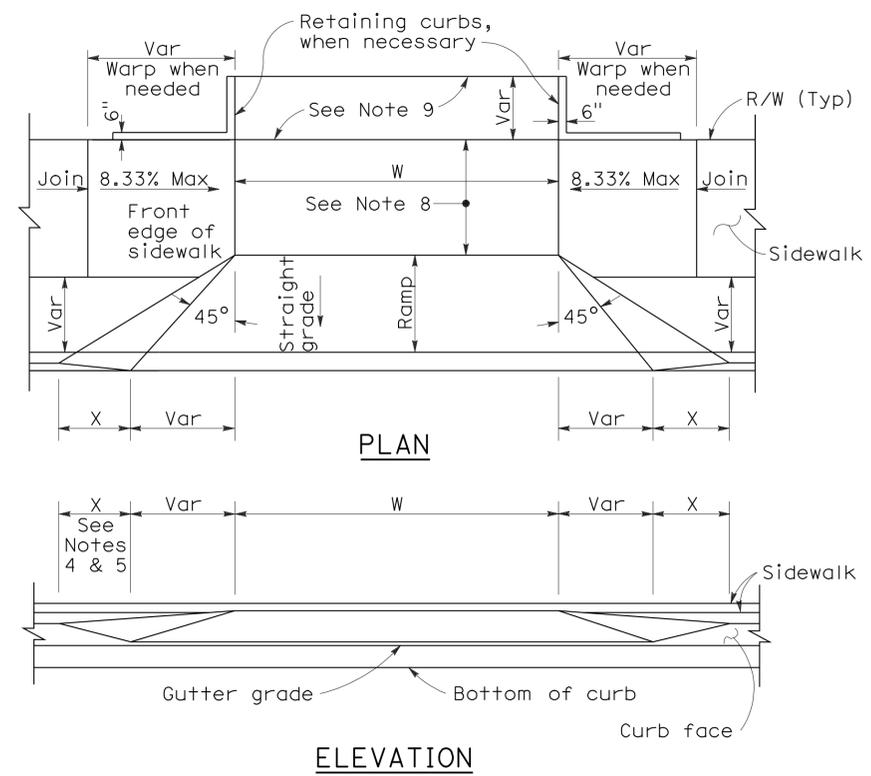
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CHAIN LINK FENCE DETAILS

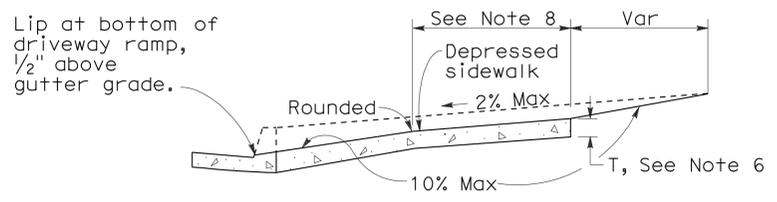
NO SCALE

NSP A85B DATED JUNE 5, 2009 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP A85B



CASE A
Typical driveway, sidewalk not depressed



CASE B
Driveway with depressed sidewalk

SECTIONS

CURB QUANTITIES

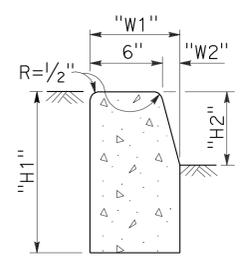
TYPE	CUBIC YARDS PER LINEAR FOOT
A1-6	0.02585
A1-8	0.03084
A2-6	0.05903
A2-8	0.06379
A3-6	0.01036
A3-8	0.01435
B1-4	0.02185
B1-6	0.02930
B2-4	0.05515
B2-6	0.06171
B3-4	0.00641
B3-6	0.01074
B4	0.05709
D-4	0.04083
D-6	0.06804
E	0.06661

TABLE A

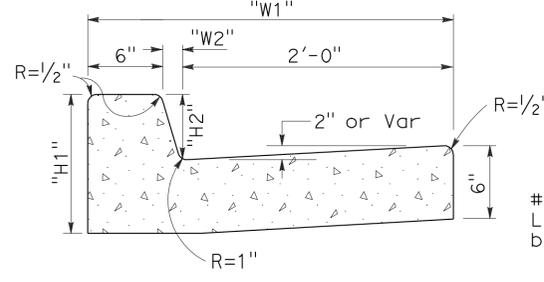
CURB TYPE	DIMENSIONS			
	"H1"	"H2"	"W1"	"W2"
A1-6	1'-2"	6"	7 1/2"	1 1/2"
A1-8	1'-4"	8"	8"	2"
A2-6	1'-0"	6"	2'-7 1/2"	1 1/2"
A2-8	1'-2"	8"	2'-8"	2"
A3-6	6"	5"	7 1/4"	1 1/4"
A3-8	8"	7"	7 3/4"	1 3/4"
B1-4	1'-0"	4"	7 1/2"	2 1/2"
B1-6	1'-2"	6"	9"	4"
B2-4	10"	4"	2'-7 1/2"	2 1/2"
B2-6	1'-0"	6"	2'-9"	4"
B3-4	4"	3"	7"	2"
B3-6	6"	5"	8 1/2"	3 1/2"
D-4	10"	4"	1'-6"	1'-1"
D-6	1'-0"	6"	2'-2"	1'-8"

To accompany plans dated 9-19-11

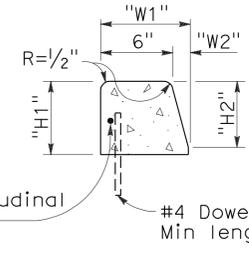
DRIVEWAYS



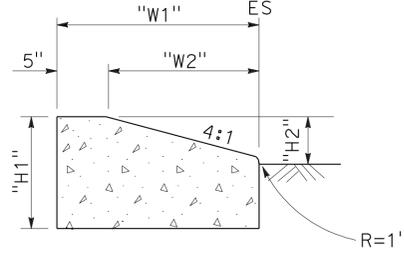
TYPE A1 CURBS
See Table A



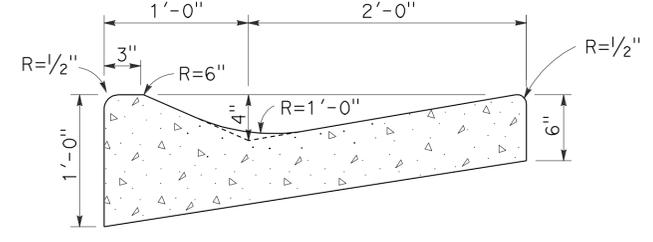
TYPE A2 CURBS
See Table A



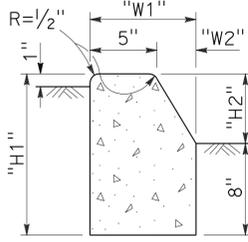
TYPE A3 CURBS
Superimposed on existing pavement
See Table A



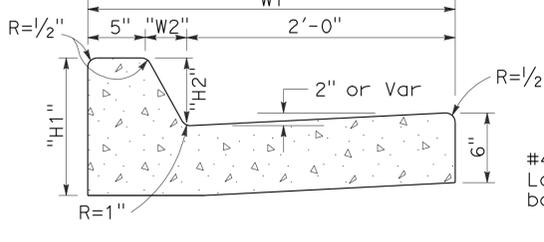
TYPE D CURBS
See Table A



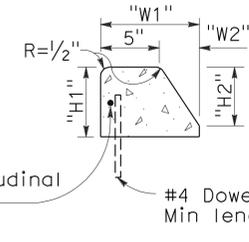
TYPE E CURB



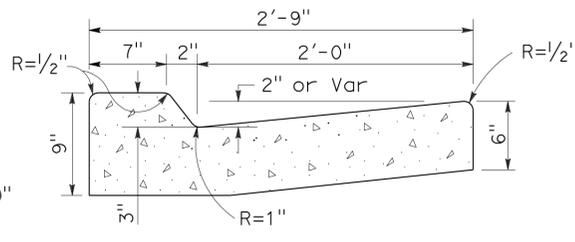
TYPE B1 CURBS
See Table A



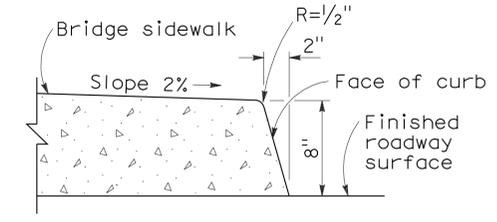
TYPE B2 CURBS
See Table A



TYPE B3 CURBS
Superimposed on existing pavement
See Table A



TYPE B4 CURBS



TYPE H CURB
On Bridges

NOTES:

- Case A driveway section typically applies.
- Use Case B driveway section when ramp slopes would exceed 10% in Case A.
- Use Case B driveway section when sidewalk cross slope would exceed 2% in Case A.
- X=3'-0" except for curb heights over 10" where 4:1 slopes shall be used on curb slope.
- X is a variable when sidewalk is located where wheelchairs may traverse the surface. Slopes shall not exceed 8.33%.
- Sidewalk and ramp thickness "T" at driveway shall be 4" for residential and 6" for commercial.
- Difference in slope of the driveway ramp and the slope of a line between the gutter and a point on the roadway 5'-0" from gutter line shall not exceed 15%. Reduce driveway ramp slope, not gutter slope, where required.
- Minimum width of clear passageway for sidewalk shall be 4'-0".
- Retaining curbs and acquisition of construction easement may be necessary for narrow sidewalks or curb heights in excess of 6".
- Across the pedestrian route at curb ramp locations, the gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.

CURBS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CURBS AND DRIVEWAYS

NO SCALE

2006 REVISED STANDARD PLAN RSP A87A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		24	55

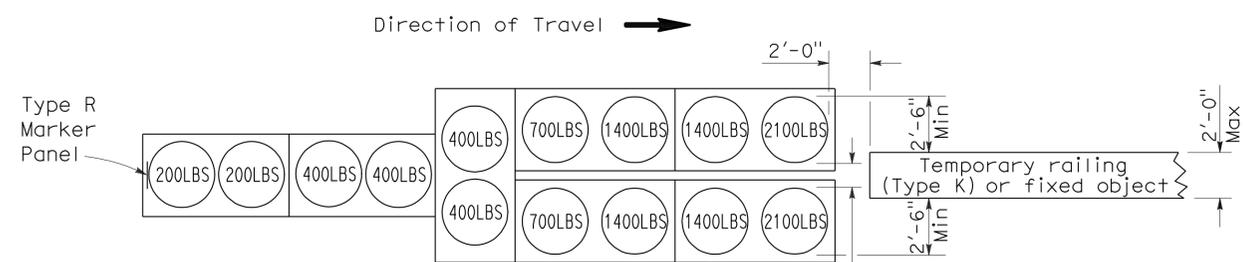
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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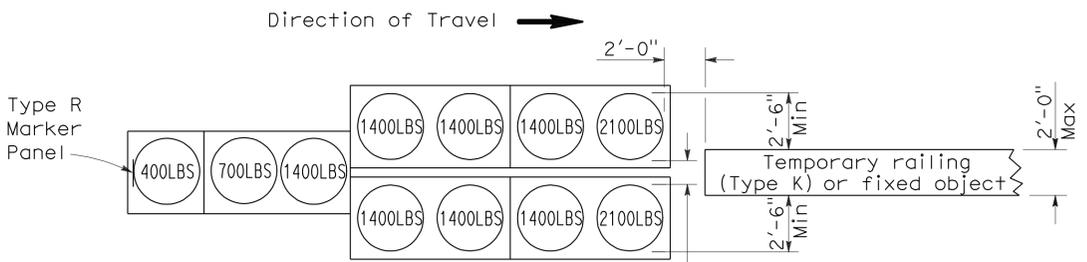
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 9-19-11



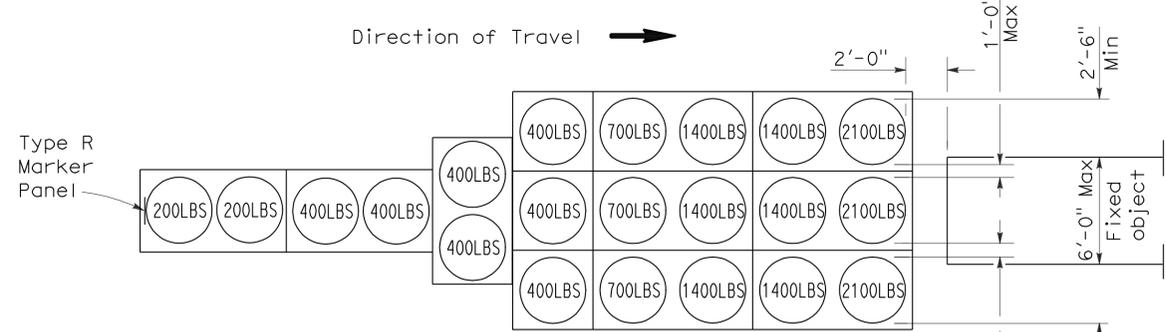
ARRAY 'TU14'

Approach speed 45 mph or more



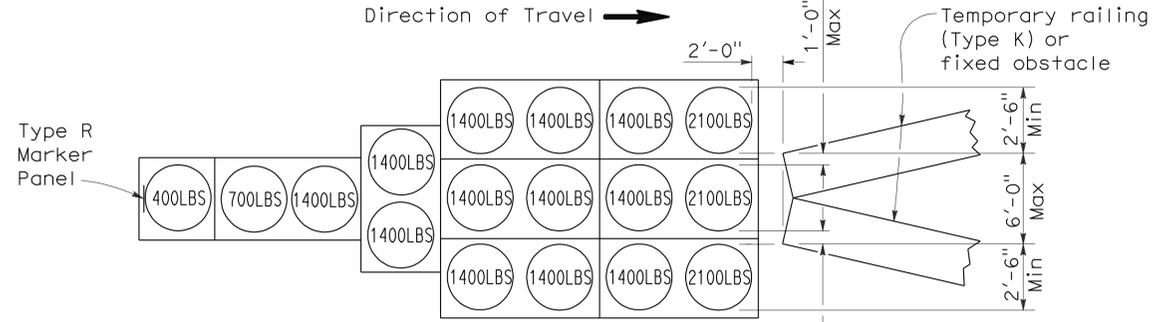
ARRAY 'TU11'

Approach speed less than 45 mph



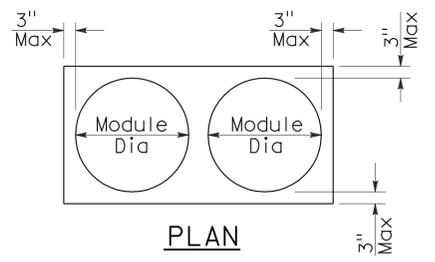
ARRAY 'TU21'

Approach speed 45 mph or more

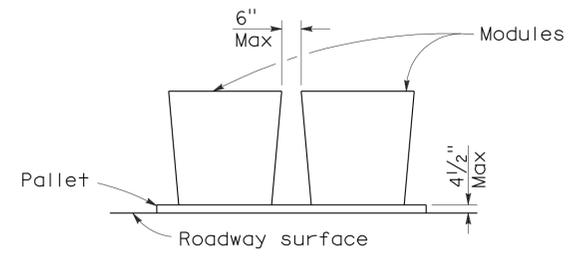


ARRAY 'TU17'

Approach speed less than 45 mph



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
09	Iny	5709		25	55

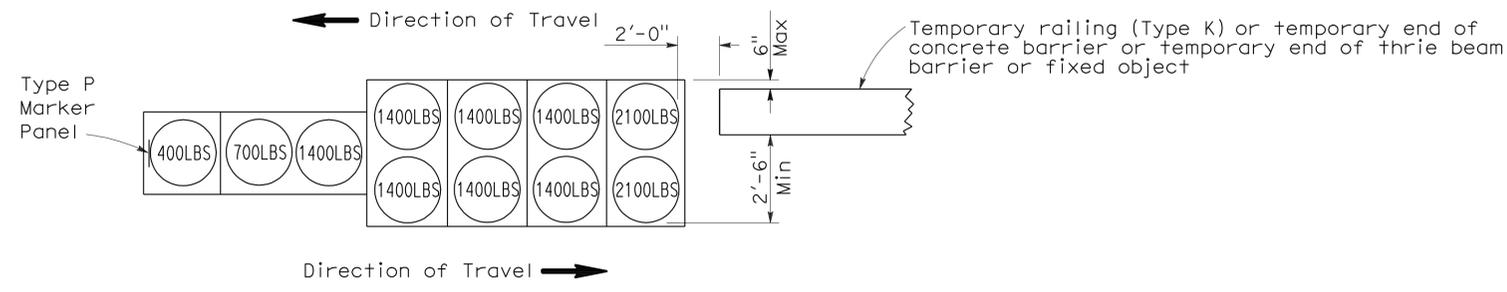
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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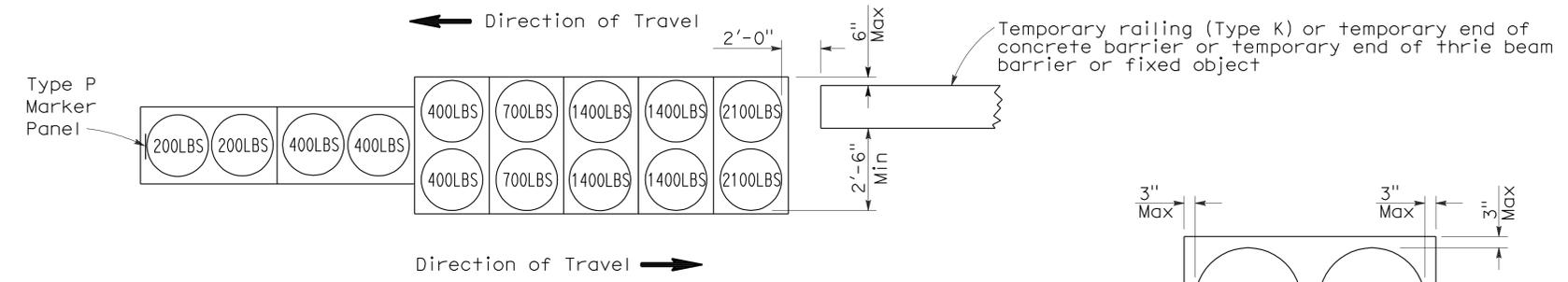
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 9-19-11



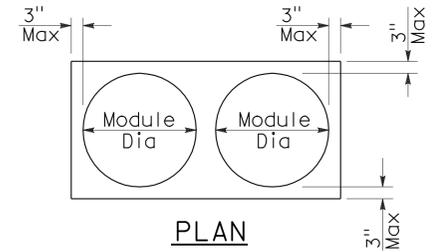
ARRAY 'TB11'

Approach speed less than 45 mph

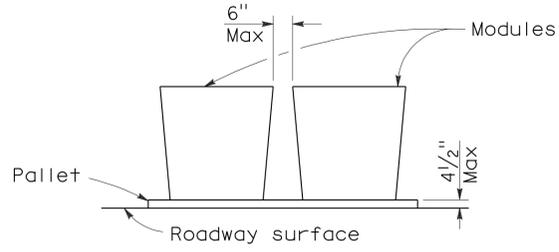


ARRAY 'TB14'

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 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
09	Iny	5709		26	55

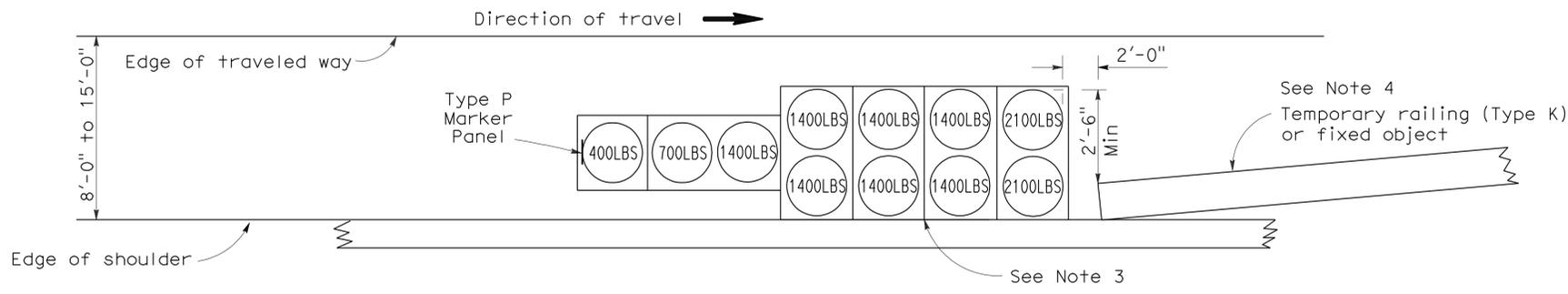
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

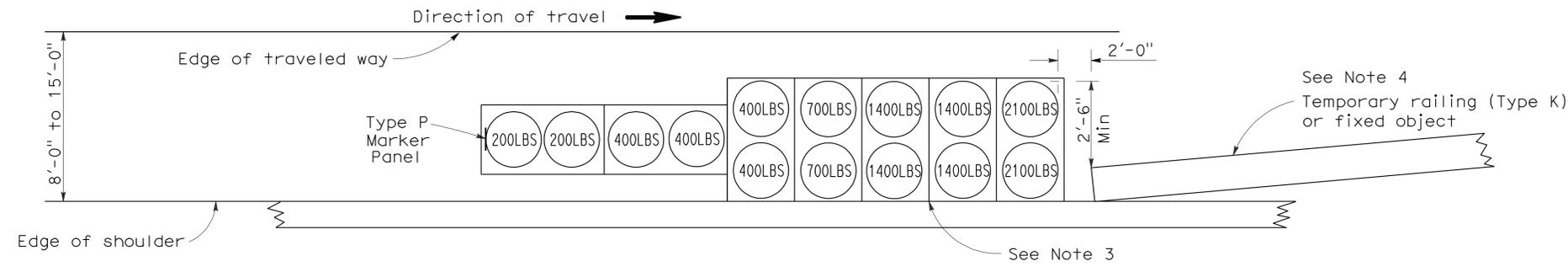
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REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

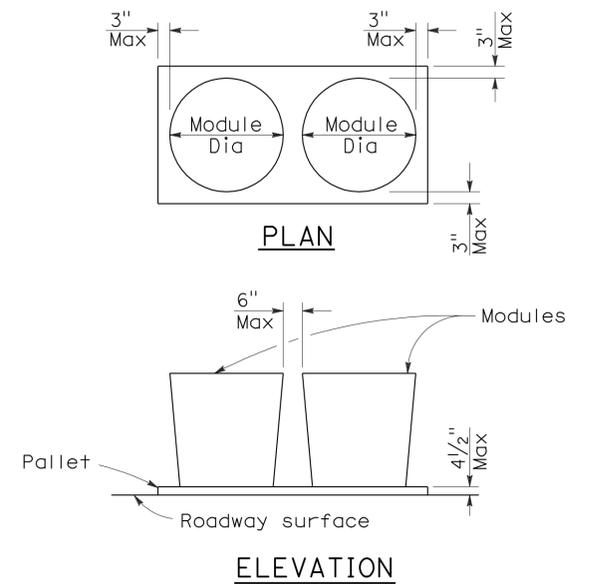
To accompany plans dated 9-19-11



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



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



CRASH CUSHION PALLET DETAIL
See Note 11

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

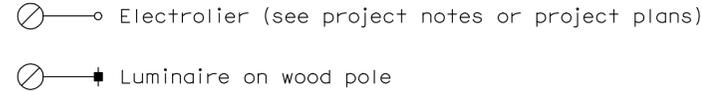
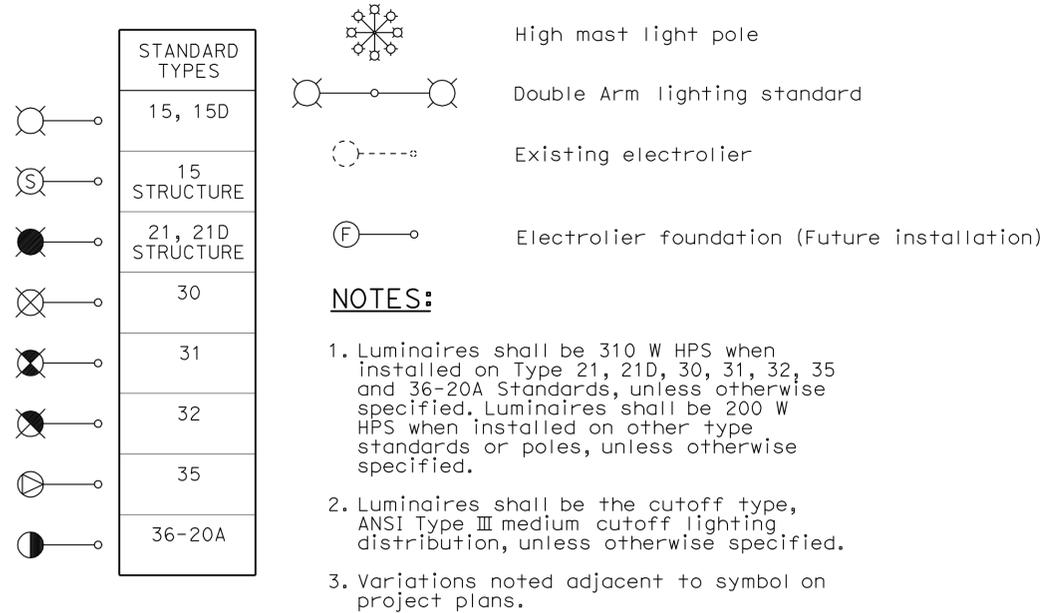
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

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

ELECTROLIERS



STANDARD NOTES:

- AB** Abandon. If applied to conduit, remove conductors.
- BC** Install pull box in existing conduit run.
- BP** Pedestrian barricade, type as indicated on plan.
- CB** Install conduit into existing pull box.
- CC** Connect new and existing conduit. Remove existing conductors and install conductors as indicated.
- CF** Conduit to remain for future use. Remove conductors. Install pull wire or rope.
- DH** Detector handhole.
- FA** Foundation to be abandoned.
- IS** Install sign on signal mast arm.
- NS** No slip base on standard.
- PEC** Photoelectric control.
- PEU** Photoelectric unit.
- RC** Equipment or material to be removed and become the property of the Contractor.
- RE** Remove electrolier, fuses and ballast. Tape ends of conductors.
- RL** Relocate equipment.
- RR** Remove and reuse equipment.
- RS** Remove and salvage equipment.
- SC** Splice new to existing conductors.
- SD** Service disconnect.
- SF** Standard to remain for future use. Remove luminaire, pole conductors, fuses and ballast.
- TSP** Telephone service point.

ABBREVIATIONS AND EQUIPMENT DESIGNATIONS

PROPOSED EXISTING

PROPOSED	EXISTING	DESCRIPTION
BBS	bbs	Battery backup system
BC	bc	Bolt circle
C	C	Conduit
CCTV	cctv	Closed circuit television
CKT	ckt	Circuit
CMS	cms	Changeable message sign
DLC	dlc	Loop detector lead-in cable
EMS	ems	Extinguishable message sign
EVC	evc	Emergency vehicle cable
EVD	evd	Emergency vehicle detector
FB	fb	Flashing beacon
FBCA	fbca	Flashing beacon control assembly
FBS	fbs	Flashing beacon with slip base
FO	fo	Fiber optic
G	G	Ground (Equipment Grounding Conductor)
GFCI	GFCI	Ground fault circuit interrupt
HAR	har	Highway advisory radio
HEX	hex	Hexagonal
HPS	hps	High pressure sodium
IISNS	iisns	Internally illuminated street name sign
ISL	isl	Induction sign lighting
LED	led	Light emitting diode
LMA	lma	Luminaire mast arm
LPS	lps	Low pressure sodium
LTG	ltg	Lighting
LUM	lum	Luminaire
MAT	mat	Mast arm mounting vehicle signal faces, top attachment
MAS	mas	Mast arm mounting vehicle signal faces, side attachment
MAS-4A	mas-4A	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4B	mas-4B	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4C	mas-4C	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MAS-5B	mas-5B	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MC	mc	Mercury contactor
M/M	m/m	Multiple to multiple transformer
MT	mt	Conduit with pull wire or rope only
MTG	mtg	Mounting
	mv	Mercury vapor lighting fixture
N	N	Neutral (Grounded Conductor)
NC	NC	Normally closed
NO	NO	Normally open
PB	pb	Pull box
PEC	pec	Photoelectric control (Type I, II, III, IV or V as shown)
PED	ped	Pedestrian
PEU	peu	Photoelectric unit
PPB	ppb	Pedestrian push button
RL		Relocated equipment
RM	rm	Ramp metering
SB	sb	Slip base
SIC	sic	Signal interconnect cable
SIG	sig	Signal
SMA	sma	Signal mast arm
SNS	sns	Street name sign
SP	sp	Service point
TDC	tdc	Telephone demarcation cabinet
TMS	tms	Traffic monitoring station
TOS	tos	Traffic Operations System
VEH	veh	Vehicle
XFMR	xfmr	Transformer
COMM	comm	Communication
RWIS	rwis	Roadway weather information system

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		27	55

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

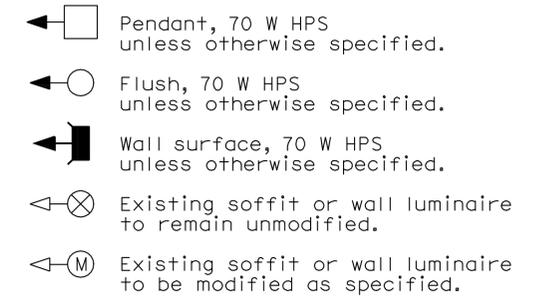
October 5, 2007
PLANS APPROVAL DATE

Jeffery G. McRae
REGISTERED PROFESSIONAL ENGINEER
No. E14512
Exp. 6-30-08
ELECTRICAL
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 9-19-11

SOFFIT AND WALL MOUNTED LUMINAIRES



NOTE:
Arrow indicates "street side" of luminaire.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1A DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN ES-1A DATED MAY 1, 2006 - PAGE 400 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1A

2006 REVISED STANDARD PLAN RSP ES-1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		28	55

Jeffrey G. McRae
 REGISTERED ELECTRICAL ENGINEER
 October 5, 2007
 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.

REGISTERED PROFESSIONAL ENGINEER
 Jeffrey G. McRae
 No. E14512
 Exp. 6-30-08
 ELECTRICAL
 STATE OF CALIFORNIA

CONDUIT

PROPOSED	EXISTING	
---	---	Lighting Conduit, unless otherwise indicated or noted
---	---	Traffic signal conduit
-C-	-c-	Communication conduit
-T-	-t-	Telephone conduit
-F-	-f-	Fire alarm conduit
-FO-	-fo-	Fiber optic conduit
---	---	Conduit termination
		Conduit riser in/on structure or service pole

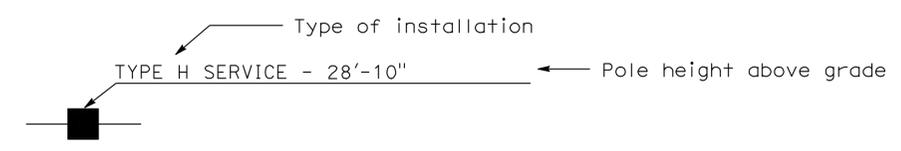
SIGNAL EQUIPMENT

PROPOSED	EXISTING	
		Pedestrian signal face
		Pedestrian push button post
		Pedestrian barricade
		Vehicle signal face (with backplate, 3-Section: red, yellow and green)
		Vehicle signal face with angle visors
		Modifications of basic symbols: "L" indicates all non-arrow sections louvered "LG" indicates louvered green section only "PV" indicates 12" programmed visibility sections "8" indicates all 8" sections (only when specified)
		Type 15TS and Vehicle signal face
		Vehicle signal face with red, yellow and green left arrow sections
		Vehicle signal face with red and yellow sections and up green arrow
		Vehicle signal face (5 Section) with red, yellow and green sections and yellow and green right arrows
		Type 1 Standard and attached vehicle signal faces
		Standard with signal mast arm only and attached vehicle signal faces and internally illuminated street name sign
		Type 33 Standard, Left-turn vehicle signal face and sign
		Standard with luminaire and signal mast arms and attached vehicle signal faces
		Cantilever flashing beacon, Type 9 Frame, with a sign unless otherwise specified or indicated
		Type 15-FBS Standard with two vehicle signal face sections with lens, backplate and visor with a sign
		Flashing beacon. One vehicle signal face section with lens, backplate and visor. "R" indicates red indication, "Y" indicates yellow indication
		Controller assembly. Door indicates front of cabinet

SERVICE EQUIPMENT

PROPOSED	EXISTING	
---OH	---oh	Overhead lines
		Wood pole "U" indicates utility owned
		Pole guy with anchor
		Utility transformer - ground mounted
		Service equipment enclosure type
		Service equipment enclosure door indicates front of enclosure
		Telephone demarcation cabinet

POLE-MOUNTED SERVICE DESIGNATION



ILLUMINATED OVERHEAD SIGN

PROPOSED	EXISTING	
		Overhead sign - Single post
		Overhead sign - Two post
		Overhead sign - Mounted on structure
		Overhead sign with electrolier

SIGNAL EQUIPMENT Cont

PROPOSED	EXISTING	
		Guard post
		Type 1 Standard with "Meter On" sign
		Emergency Vehicle detector

NOTES:

- All signal sections shall be 12" unless shown otherwise.
- Signal heads shall be provided with backplates unless shown otherwise.
- Signal indication shall be LED.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (SYMBOLS AND ABBREVIATIONS)**
 NO SCALE

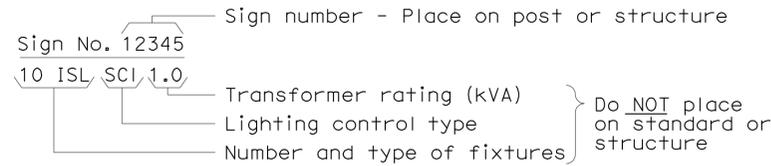
RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B
 DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

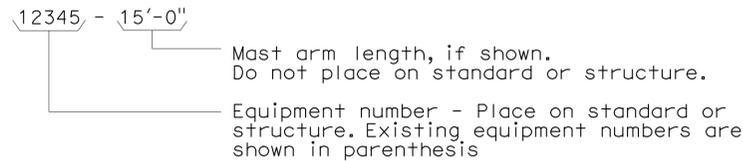
2006 REVISED STANDARD PLAN RSP ES-1B

EQUIPMENT IDENTIFICATION

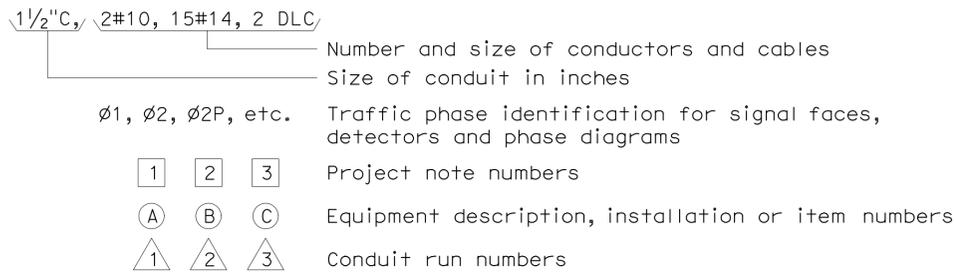
ILLUMINATED SIGN IDENTIFICATION NUMBER:



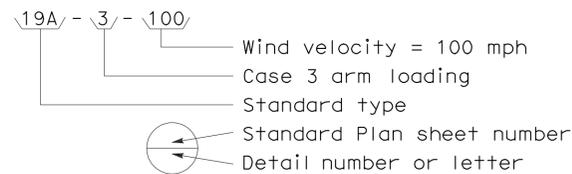
ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:



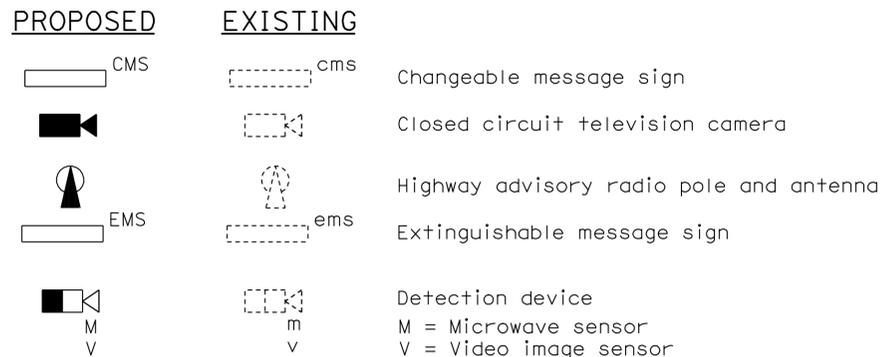
CONDUIT AND CONDUCTOR IDENTIFICATION:



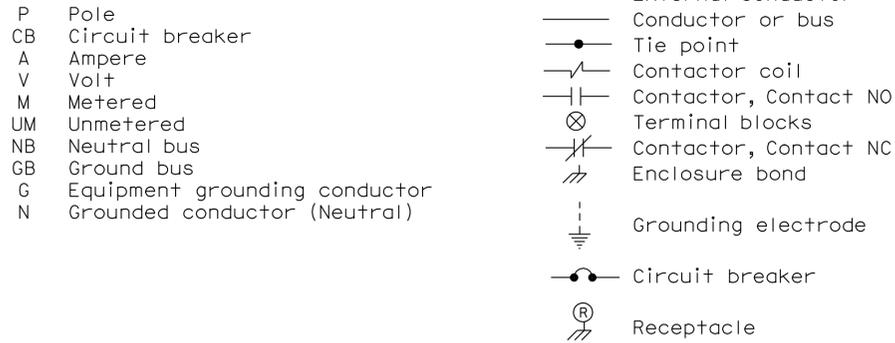
SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



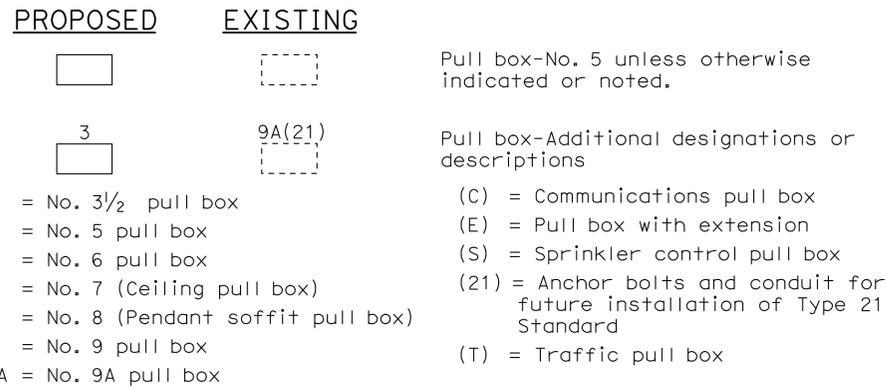
MISCELLANEOUS EQUIPMENT



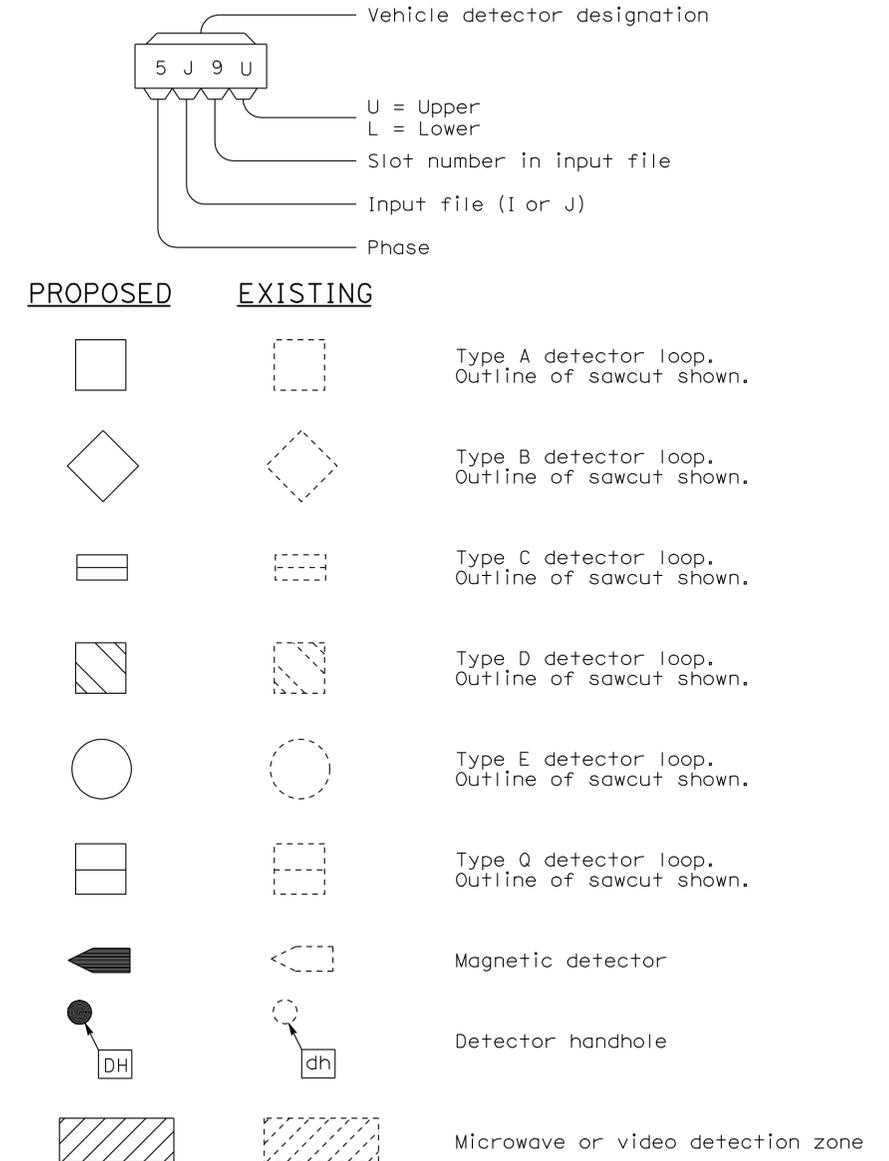
WIRING DIAGRAM LEGEND



PULL BOXES



VEHICLE DETECTORS



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

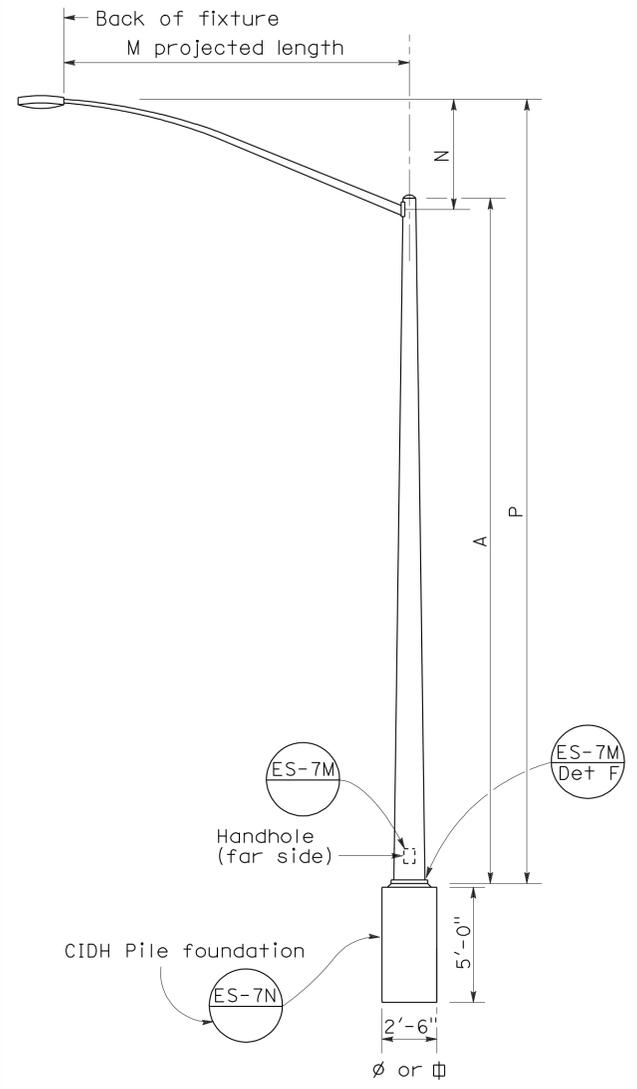
ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

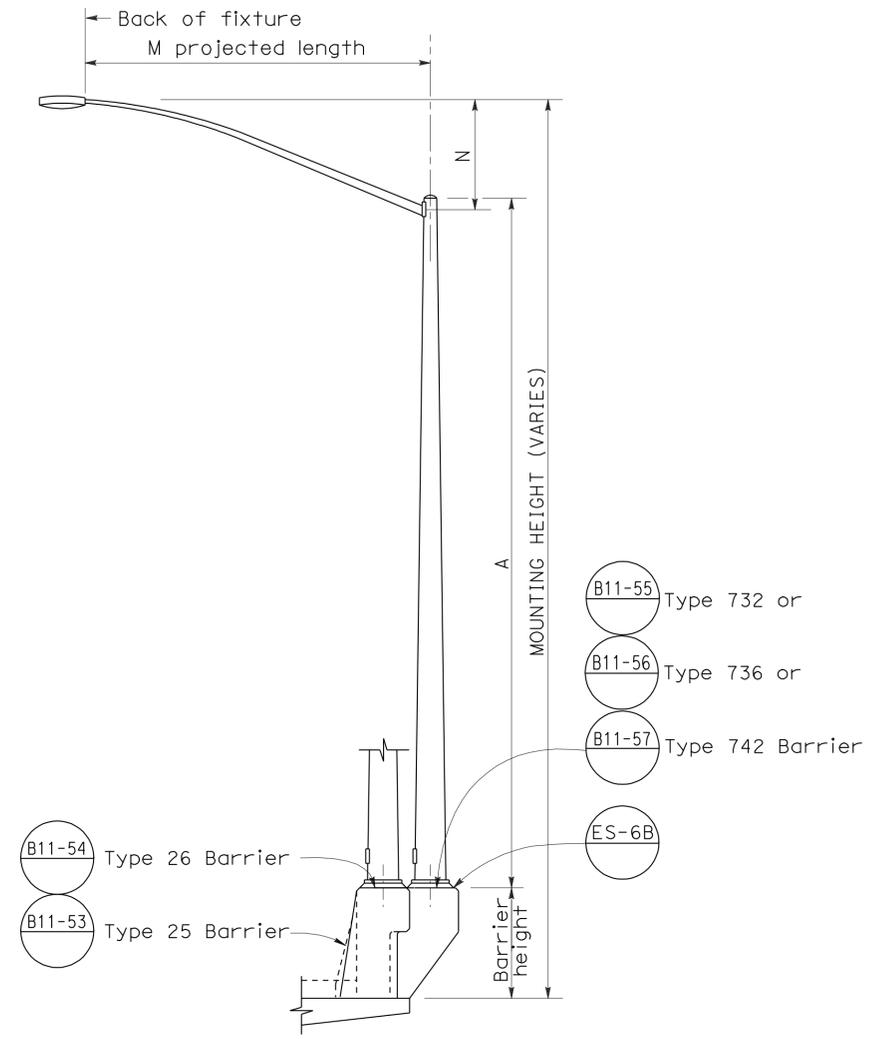
RSP ES-1C DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1C
 DATED MAY 1, 2006 - PAGE 402 OF THE STANDARD PLANS BOOK DATED MAY 2006.

2006 REVISED STANDARD PLAN RSP ES-1C

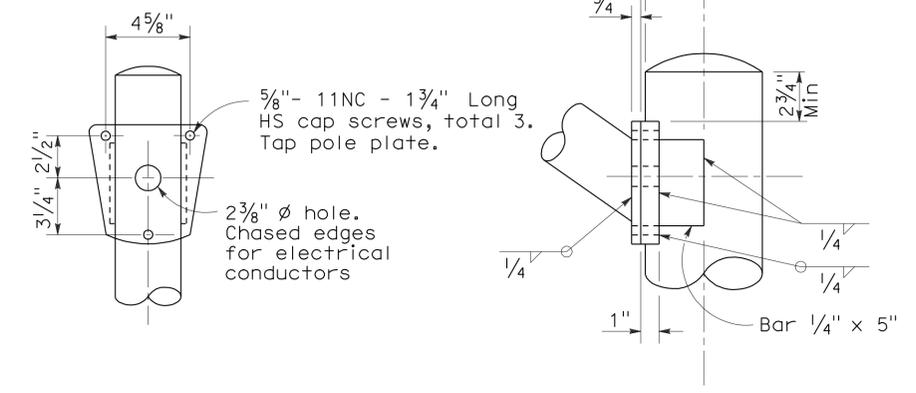
To accompany plans dated 9-19-11



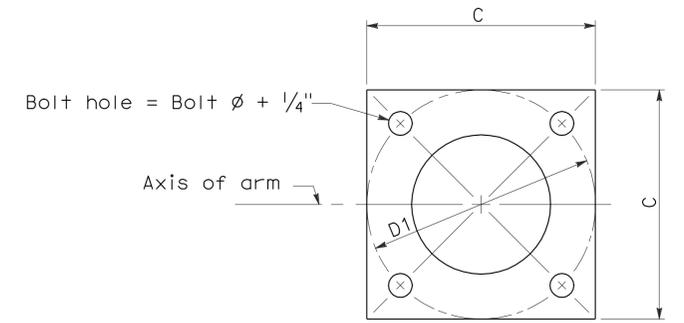
ELEVATION
TYPE 15 AND TYPE 21



ELEVATION
TYPE 15 AND TYPE 21 BARRIER RAIL MOUNTED



DETAIL R
LUMINAIRE ARM CONNECTION



BASE PLATE

POLE TYPE	POLE DATA				BASE PLATE DATA				LUMINAIRE ARM
	A Height	Min OD Base	Min OD Top	Wall Thickness	C	D1 Bolt Circle	Thick-ness	Anchor Bolts Size	
15	30'	8"	3 7/8"	0.1196"	1'-0"	1'-0"	1"	1" phi x 3'-0" x 4"*	6' - 15' 12'
21	35'	8 5/8"	3 7/8"	0.1196"	1'-0"	1'-0"	1"	1 1/4" phi x 3'-0" x 4"*	6' - 15' 12'

* For barrier rail bolts, see Standard Plan ES-6B.

M Projected Length	N Rise	Min OD At Pole	Nominal Thickness	LUMINAIRE ARM DATA	
				Type 15	Type 21
6'-0"	2'-0"±	3/4"	0.1196"	31'-6"±	36'-6"±
8'-0"	2'-6"±	3/2"	0.1196"	32'-0"±	37'-0"±
10'-0"	3'-3"±	3 7/8"	0.1196"	32'-9"±	37'-9"±
12'-0"	4'-3"±	3 7/8"	0.1196"	33'-9"±	38'-9"±
15'-0"	4'-9"±	4 1/4"	0.1196"	34'-3"±	39'-3"±

NOTES:

- Indicates arm length to be used unless otherwise noted on the plans.
- For Type 15-SB, use Type 15 standard with Type 30 slip base plate details, see Standard Plan ES-6F.
- For additional notes, see Standard Plan ES-7M and ES-7N.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS
(LIGHTING STANDARD
TYPES 15 AND 21)

NO SCALE

RSP ES-6A DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-6A DATED MAY 1, 2006 - PAGE 427 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-6A

2006 REVISED STANDARD PLAN RSP ES-6A

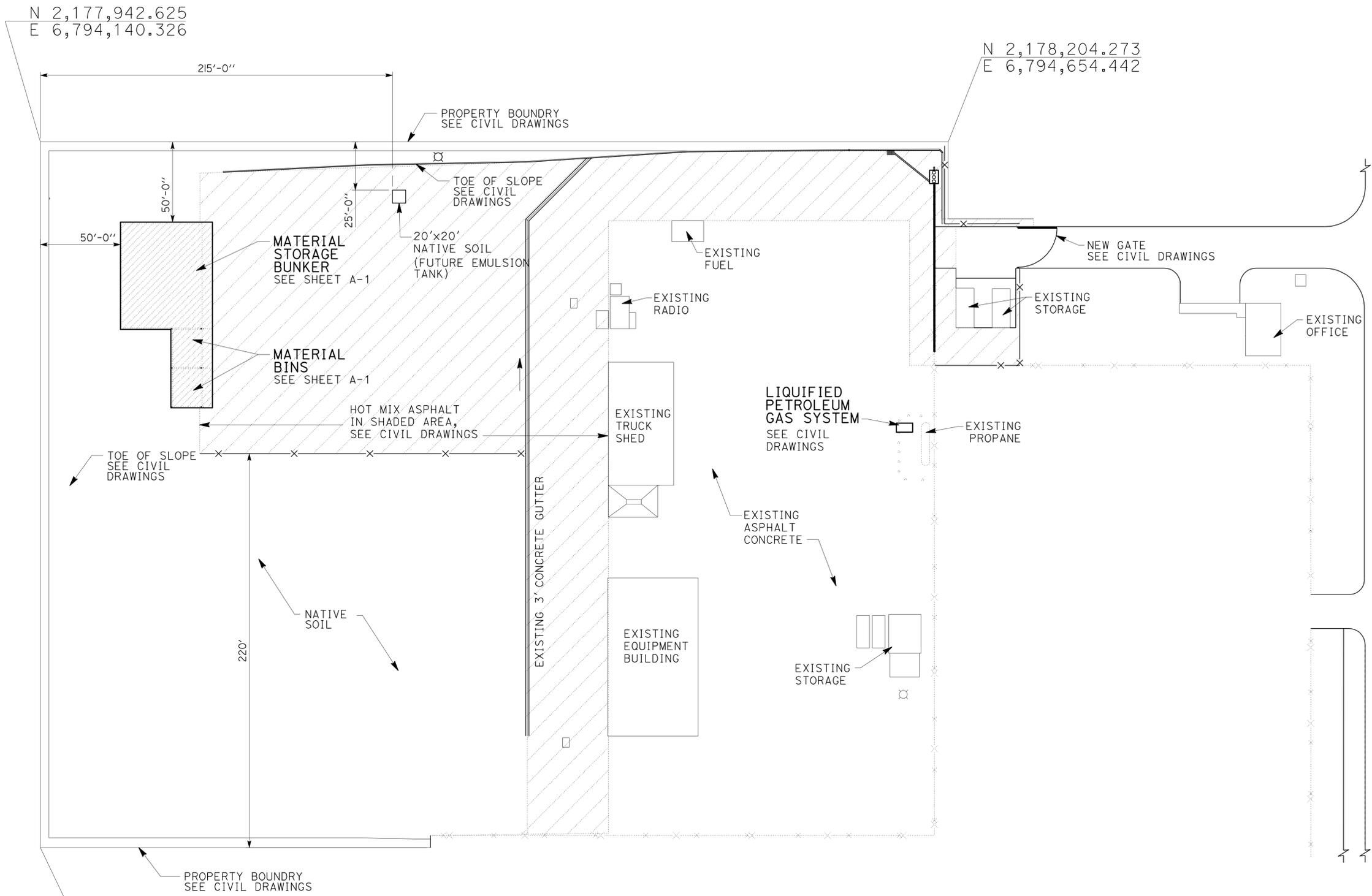
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		31	55

F.D. IGNACIO
 LICENSED ARCHITECT
 No. C-11819
 Exp. 01-31-11
 STATE OF CALIFORNIA

12-14-10
 DATE

9-19-11
 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.



ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0900000138
 Reviewed by: *[Signature]*
 Date: 12/14/10

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 11-17-10

- ACCESSIBILITY NOTES:**
1. PEDESTRIAN PATH OF TRAVEL (POT) FROM SITE ENTRANCE ON PROPERTY LINE TO NEW BUILDINGS IS NOT REQUIRED TO BE IN THE SCOPE OF WORK, AS NO PUBLIC TRANSPORTATION IS AVAILABLE ON THE ADJACENT STREET, AND THE SITE IS AT A REMOTE AND ISOLATED LOCATION THAT THE ADJACENT STREET IS WITHOUT ANY SIDEWALK. ALL USERS AND ANY VISITORS SHALL ARRIVE BY VEHICLES ONLY.
 2. NEW ENTRANCE GATE IS WITHOUT CARD-READING DEVICE AND SHALL REMAIN OPEN DURING OPERATION HOURS.
 3. NO PARKING IS DESIGNATED OR MARKED ON THE SITE. ANY VEHICLES MAY PARK NEXT TO THE NEW BUILDINGS AND ACCESS THEM.
 4. NEW PROPANE DISPENSER IS WITHOUT CARD-READING DEVICE, THUS NOT SUBJECT TO ANY ACCESSIBILITY REQUIREMENTS.
 5. ANY POTS FROM NEW BUILDINGS TO EXISTING BUILDINGS/FACILITIES ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK.
 6. ANY POTS CONNECTING EXISTING BUILDINGS/FACILITIES ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK.
 7. ANY LEVEL CHANGE AT THE OPENINGS ON THE FRONT SIDE OF THE NEW BUILDINGS SHALL BE MAXIMUM 1/2" WITH MAXIMUM 1:2 SLOPE. LEVEL CHANGE NOT EXCEEDING 1/4" MAY BE VERTICAL.
 8. AISLES FORMED BY STORED MATERIALS/WALLS AT ANY AREAS SHALL BE MINIMUM 36" WIDE IF SERVING ONE SIDE, AND MINIMUM 44" WIDE IF SERVING BOTH SIDES.

1 GENERAL PLAN
 NO SCALE

DESIGN SUPERVISOR <i>R E Travis</i>	DESIGNER D IGNACIO	CHECKED BY <i>[Signature]</i>	SHEET LEGEND A-I ARCHITECTURAL ST-I STRUCTURAL M-I MECHANICAL E-I ELECTRICAL P-I PLUMBING SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION GENERAL PLAN	SHEET GP
DESIGN ARCHITECT <i>[Signature]</i>	DRAWN BY RKF	STRUCTURAL REVIEW	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3598 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10	SHEET OF X X	19-SEP-2011 14:58 00_gp.dgn TAEMWW Imperial Rev. 7/10

INDEX OF DRAWINGS

ARCHITECTURAL

GP	GENERAL PLAN
A0-1	SHEET INDEX & SYMBOLS
A-1	FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN
A-2	ELEVATIONS
A-3	ENLARGED ELEVATIONS
A-4	ENLARGED ELEVATIONS, SECTIONS
A-5	WALL SECTIONS
A-6	DETAILS
A-7	DETAILS

STRUCTURAL

ST-1	LEGEND
ST-2	CONCRETE STANDARD
STI-0	DESIGN CRITERIA AND DETAIL NOTES
STI-1	FOUNDATION PLAN
STI-2	FOUNDATION PLAN AND WALL SECTION
STI-3	FOUNDATION PLAN
STI-4	ROOF FRAMING PLAN
STI-5	ELEVATIONS
STI-6	WALL AND SLAB SECTION
STI-7	CANOPY FOOTING DETAILS
STI-8	CANOPY SECTION
STI-9	CANOPY DETAILS 1
STI-10	CANOPY DETAILS 2
STI-11	CANOPY DETAILS 3
STI-12	CANOPY DETAILS 4
STI-13	CANOPY DETAILS 5

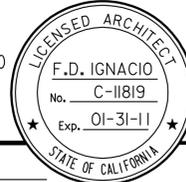
DESIGN CRITERIA

THE BUILDING WORK ON THIS PROJECT HAS BEEN DESIGNED TO CONFORM TO:

- 2007 CALIFORNIA BUILDING CODE
- 2007 CALIFORNIA FIRE CODE
- 2007 CALIFORNIA MECHANICAL CODE
- 2007 CALIFORNIA PLUMBING CODE
- 2007 CALIFORNIA ELECTRICAL CODE
- 2007 CALIFORNIA ENERGY CODE
- CURRENT EDITION OF AMERICANS WITH DISABILITIES ACT

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		32	55


 12-14-10
 LICENSED ARCHITECT DATE



9-19-11
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.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONTROLLING DIMENSIONS AND FIELD CONDITIONS BEFORE ORDERING OR FABRICATING ANY MATERIALS OR ASSEMBLIES.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL MEASUREMENTS OR FIELD CONDITIONS.

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 09 00000138 Reviewed by:  Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by:  FRANCIS SOLICH Approval date: 11-17-10
---	--

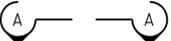
SYMBOLS

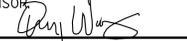
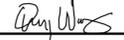
	---	GRID LINE
	---	GRID LINE
	---	MATCH LINE
	---	WORKING POINT
	---	ROOM NUMBER
	---	DOOR DESIGNATION
	---	WINDOW DESIGNATION
	---	LOUVER DESIGNATION
	---	COLOR DESIGNATION
	---	BUILDING SECTION LETTER
	---	SHEET
	---	ADDITIONAL REFERENCE (IF USED)
	---	DETAIL NUMBER
	---	SHEET
	---	SHADED ARROW INDICATES ELEVATION DRAWN
	---	SHEET

COLOR SCHEDULE

MANUFACTURERS' DESIGNATIONS BELOW ARE INCLUDED AS EXAMPLES OF COLOR AND FINISH ONLY. OTHER MANUFACTURERS' PRODUCTS WHICH MATCH THESE PRODUCTS MAY BE SUBMITTED FOR APPROVAL.

- PREFINISHED METAL SIDING
"MATAL SALES", W74, PARCHMENT
- PREFINISHED METAL TRIM & FLASHINGS
MATCH METAL SIDING
- METAL DECKING, SUPPORTING MEMBERS INCLUDING ALL ANCHORS, FASTENING, ACCESSORIES, ELECTRICAL CONDUITS.
"METAL SALES", K7, METALLIC SILVER
- STEEL GIRTS INCLUDING ALL BRACKETS, FASTENING, ACCESSORIES
MATCH METAL SIDING
- STEEL COLUMNS & ALL SUPPLEMENTARY PARTS
MATCH METAL SIDING
- STEEL C CHANNEL FASCIA (FACE, BACK AND UNDERSIDE)
MATCH METAL SIDING
- GUARD POSTS
KELLEY-MOORE, No. KM 3480-5 GOLDEN RAY
- CONCRETE WALL
DAVIS, No. 5084 OMAHA TAN

	---	SECTION LETTER; SECTION DRAWN ON SAME SHEET
	---	ELEVATION LETTER; ELEVATION DRAWN ON SAME SHEET
	---	DRAWN ON SAME SHEET

DESIGN SUPERVISOR  DESIGN ARCHITECT 	DESIGNER D IGNACIO DRAWN BY RKF	CHECKED BY  STRUCTURAL REVIEW	SHEET LEGEND A-I ARCHITECTURAL ST-I STRUCTURAL M-I MECHANICAL E-I ELECTRICAL P-I PLUMBING SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION SHEET INDEX & SYMBOLS	SHEET A0-1
a0_01_index_abbrev.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:59		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3598 09000001381 EA 342401		DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10 XX-XX-XX		SHEET OF X X

19-SEP-2011 14:59

BUILDING DATA

COVERED MATERIAL BINS

CONSTRUCTION TYPE V N
OCCUPANCY GROUP S-1

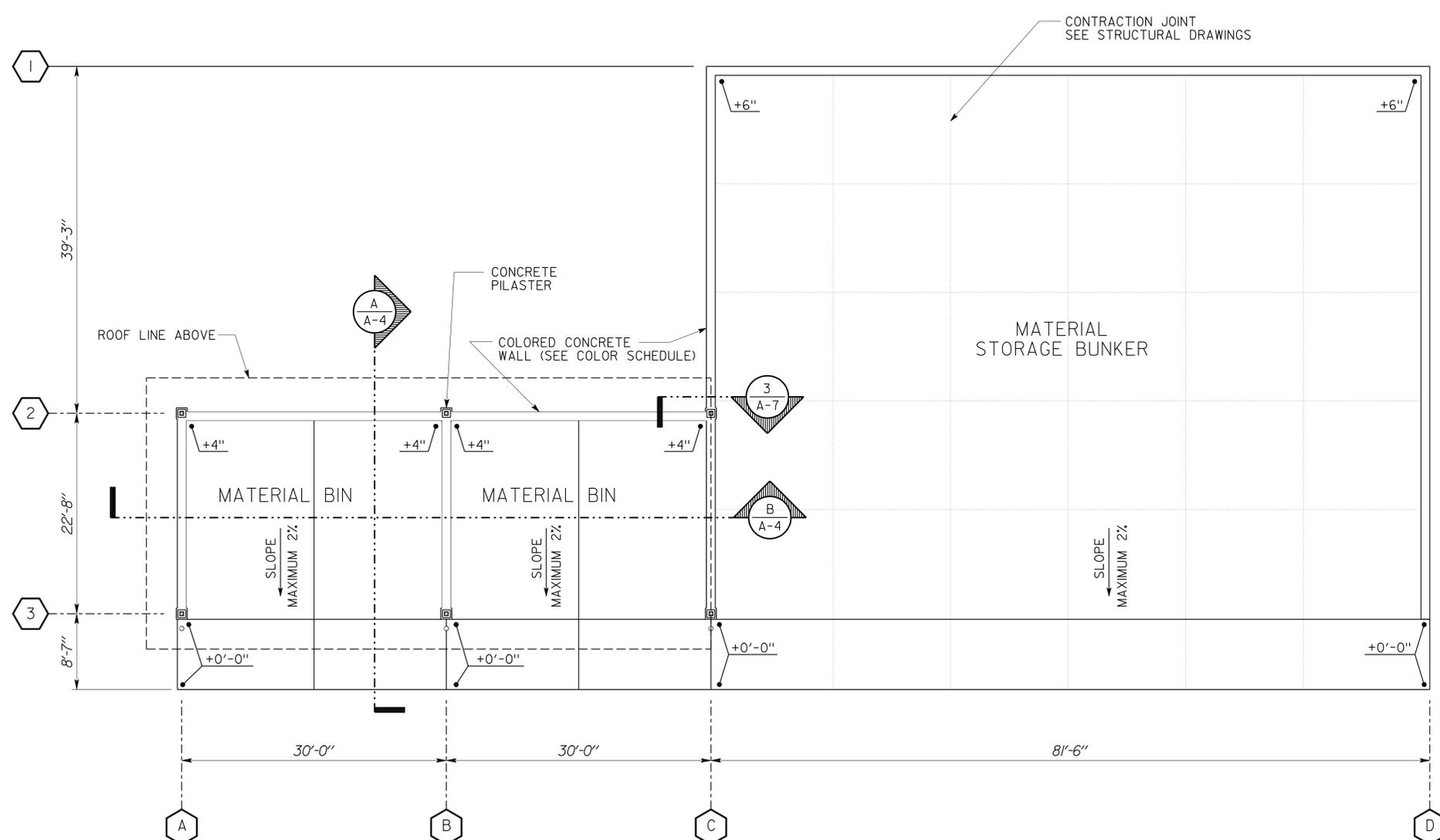
ACTUAL BUILDING AREA = 660 SF
ALLOWABLE BUILDING AREA = 9,000 SF
BUILDING HEIGHT - ONE STORY
ACTUAL BUILDING HEIGHT = 17 FEET
ALLOWABLE BUILDING HEIGHT = 40 FEET
FIRE SPRINKLER - NO
FIRE ALARM - NO
OCCUPANCY LOAD - N/A

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		33	55

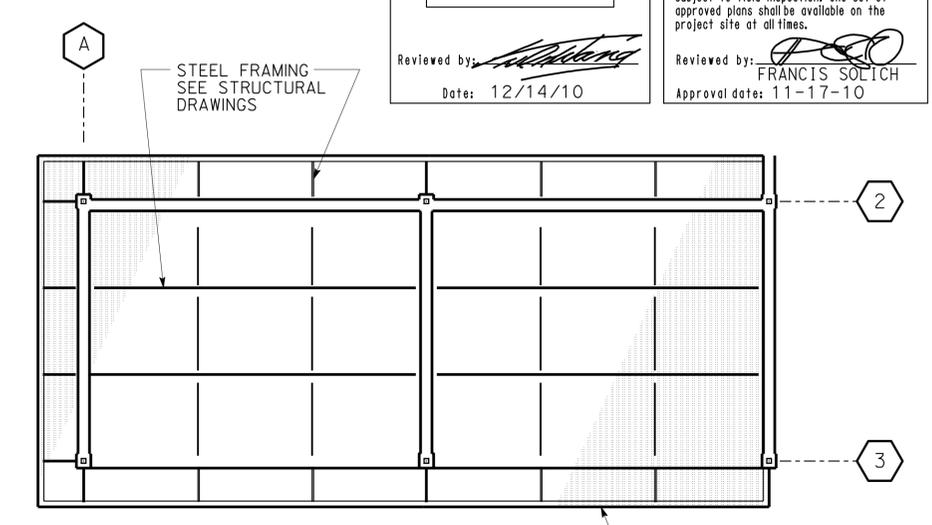
9-19-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

ACCESSIBILITY DESIGN APPROVAL STAMP
DOT / DES / OTA
PROJECT ID: **0900000138**
Reviewed by: *[Signature]*
Date: 12/14/10

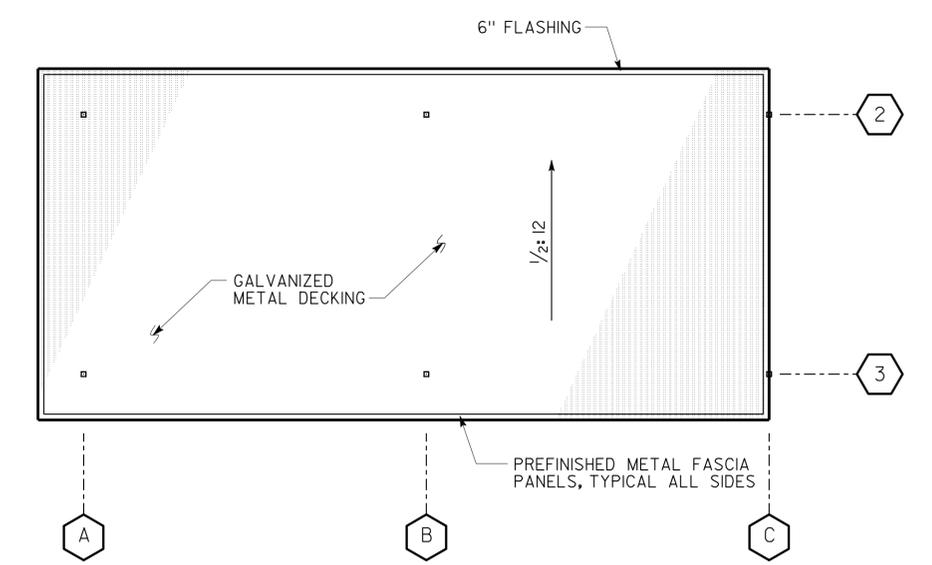
CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: *[Signature]*
Approval date: 11-17-10



3 FLOOR PLAN
SCALE 1/8" = 1'-0"



2 MATERIAL BIN REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

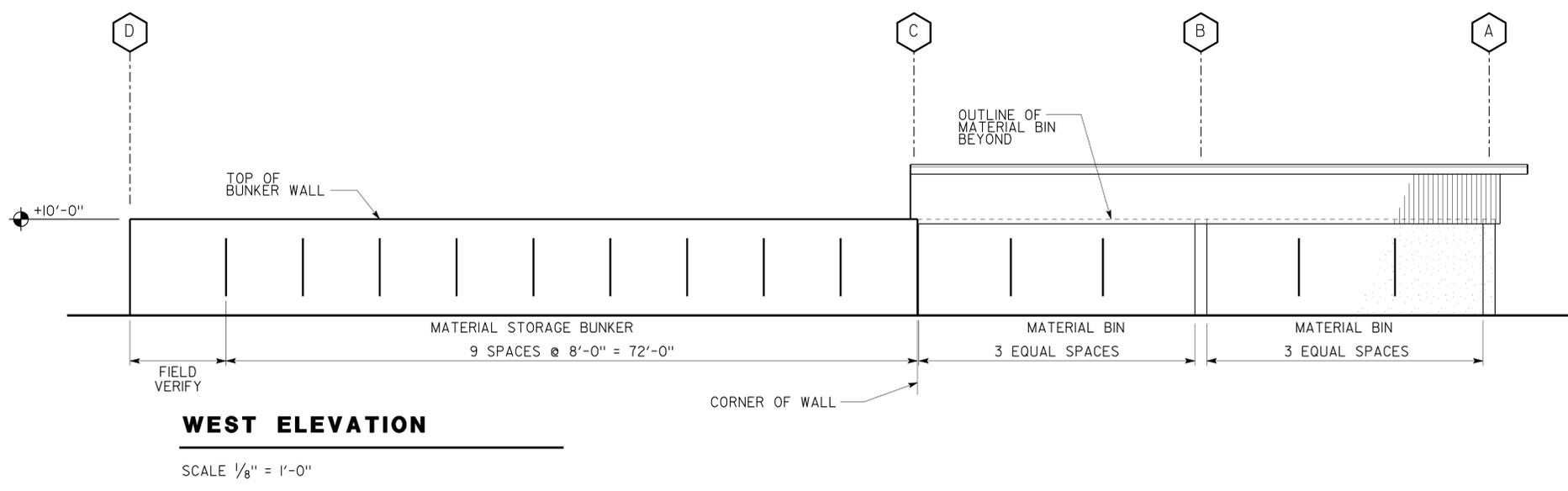
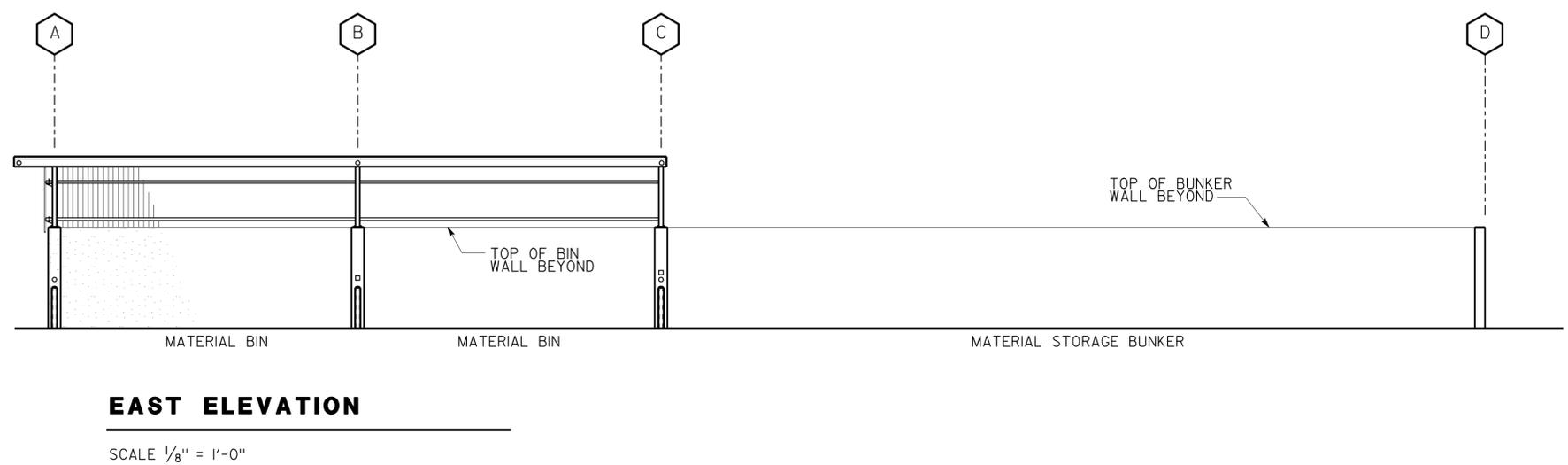
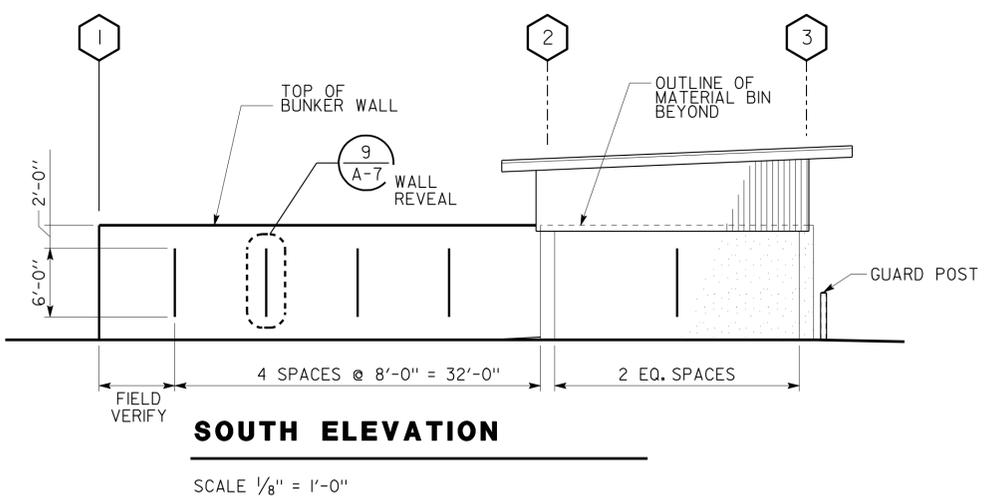
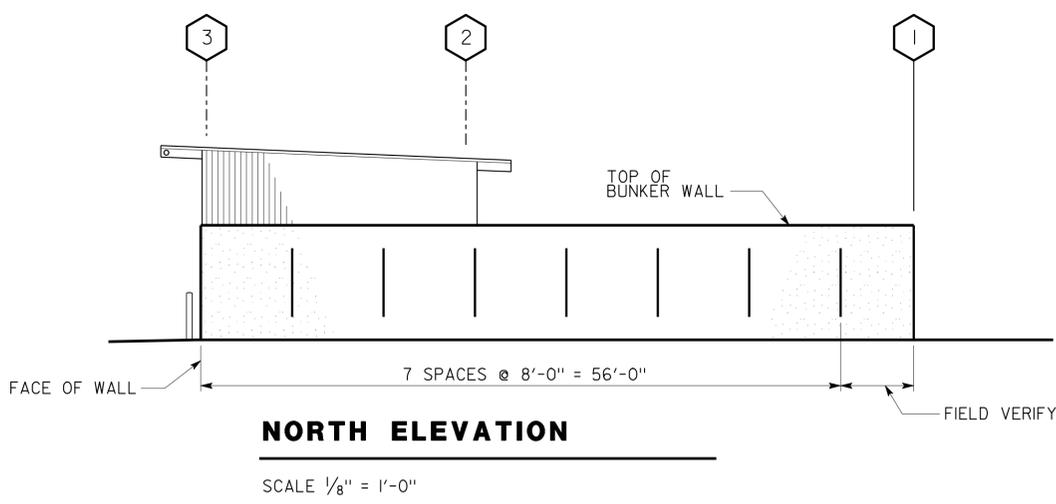


1 MATERIAL BIN ROOF PLAN
SCALE 1/8" = 1'-0"

a_1_floor_plan.dgn TAEWW Imperial Rev. 7/10 19-SEP-2011 14:59	DESIGN BY D IGNACIO	CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION FLOOR PLAN, ROOF PLAN, REFLECTED CEILING PLAN	SHEET OF A-1
	DETAILS BY RKF	CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 09000001381	POST MILE 73.85		REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		34	55

9-19-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA	CALIFORNIA STATE FIRE MARSHAL APPROVED
PROJECT ID 0900000138	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 12/14/10	Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10

NOTE

SEE ENLARGED ELEVATION OF MATERIAL BIN CANOPY ON SHEET A-3 & A-4

a_2_elev.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:59	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION ELEVATIONS	SHEET OF A-2
	DETAILS BY RKF CHECKED <i>[Signature]</i>		UNIT PROJECT NUMBER & PHASE 3598 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES →		

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

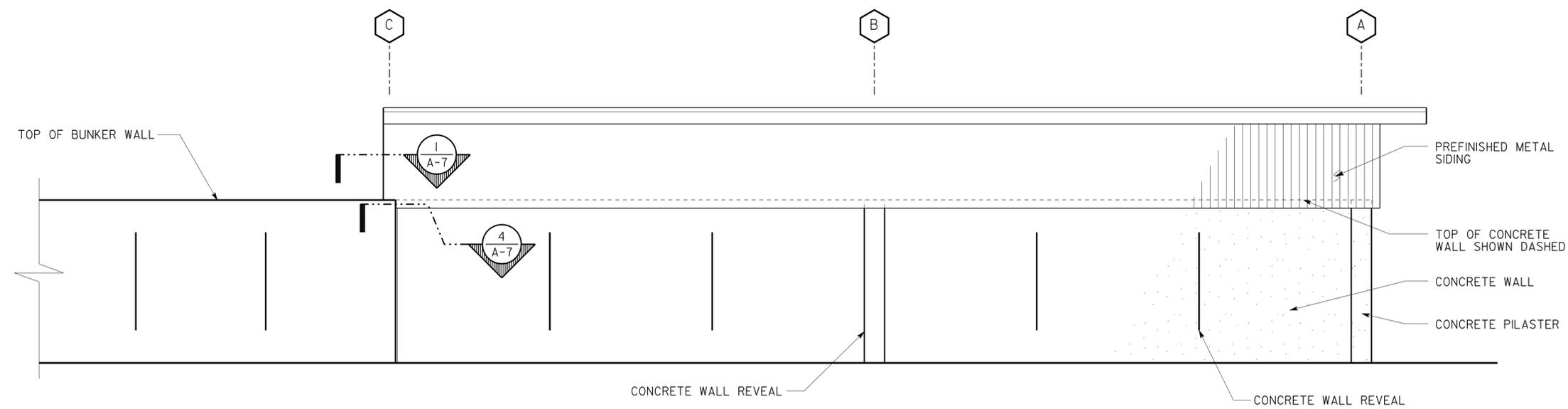
EA 342401

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		35	55

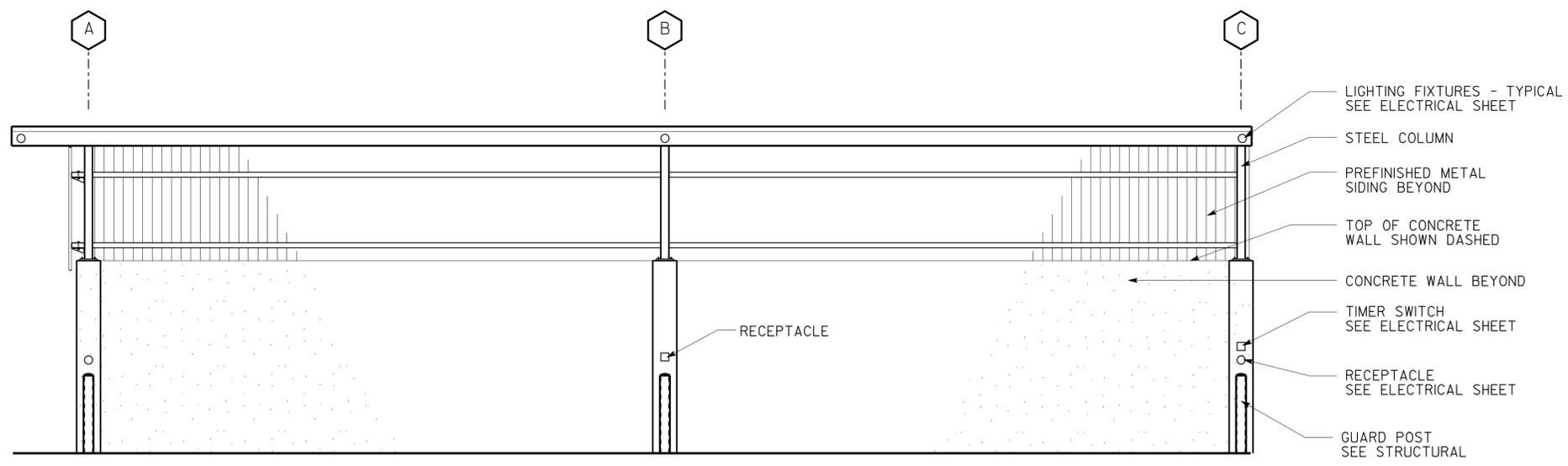
Ferdinand Ignacio
 LICENSED ARCHITECT
 DATE 12-14-10
 9-19-11
 PLANS APPROVAL DATE
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LICENSED ARCHITECT
 F.D. IGNACIO
 No. C-11819
 Exp. 01-31-11
 STATE OF CALIFORNIA

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 09 00000138 Reviewed by: <i>[Signature]</i> Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10
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WEST ELEVATION
 SCALE 1/4" = 1'-0"

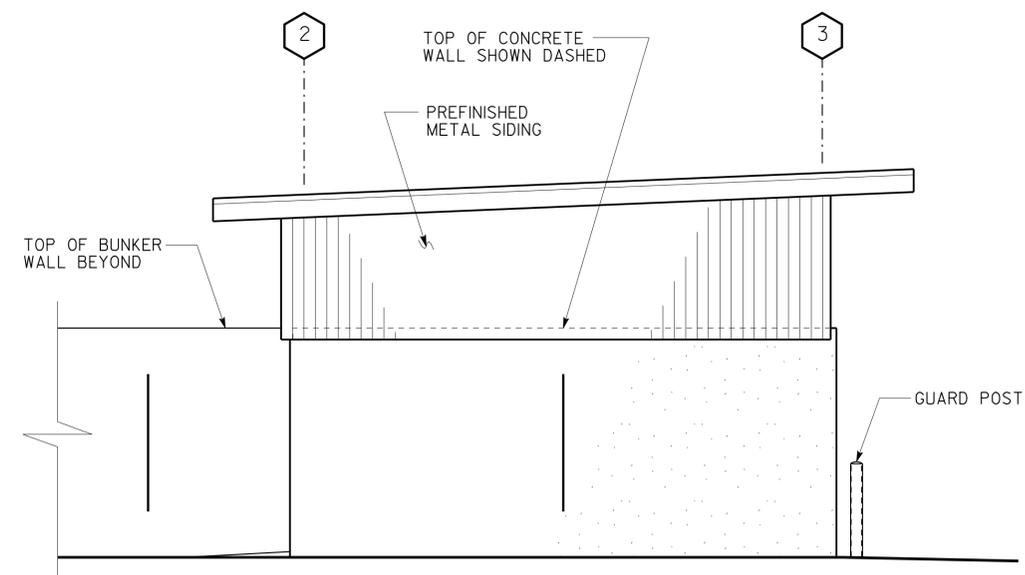


EAST ELEVATION
 SCALE 1/4" = 1'-0"

a_3_lg_elev.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:57	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION ENLARGED ELEVATIONS	SHEET OF A-3
	DETAILS BY RKF CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10 XX-XX-XX		

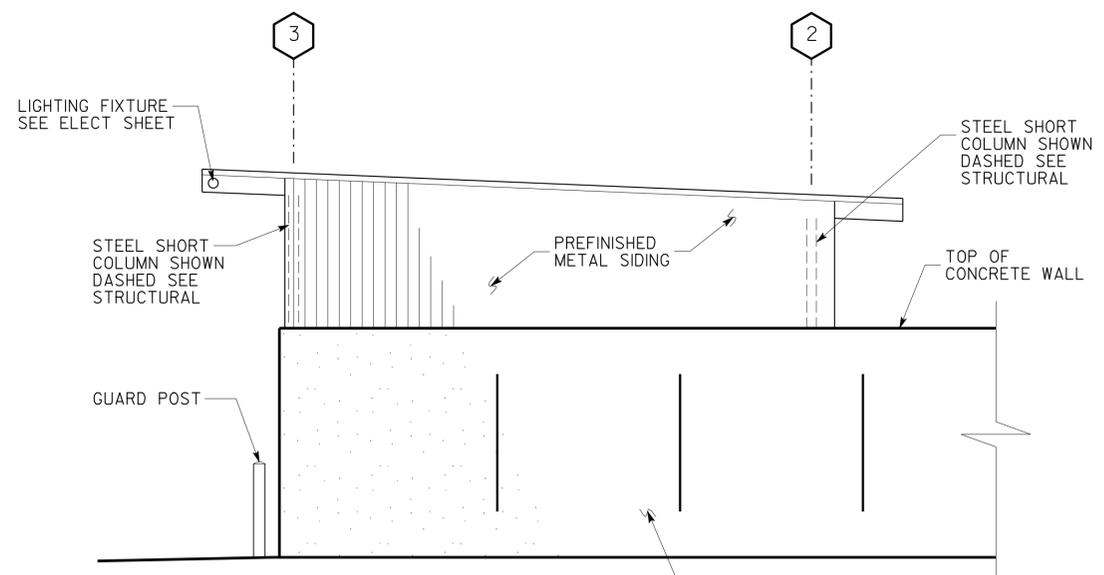
EA 342401

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		36	55
<i>Ferdinand Ignacio</i> LICENSED ARCHITECT			12-14-10 DATE		
9-19-11 PLANS APPROVAL DATE					
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SOUTH ELEVATION

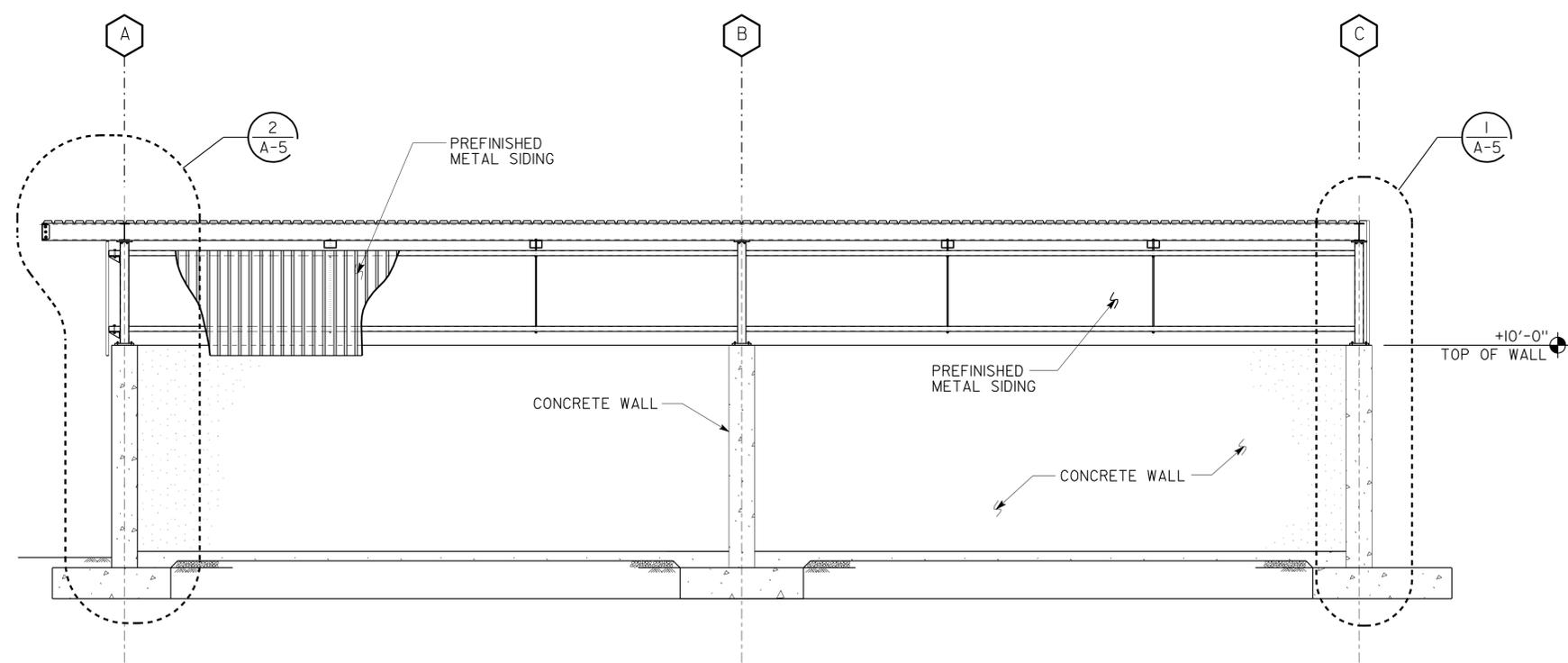
SCALE 1/4" = 1'-0"



NORTH ELEVATION

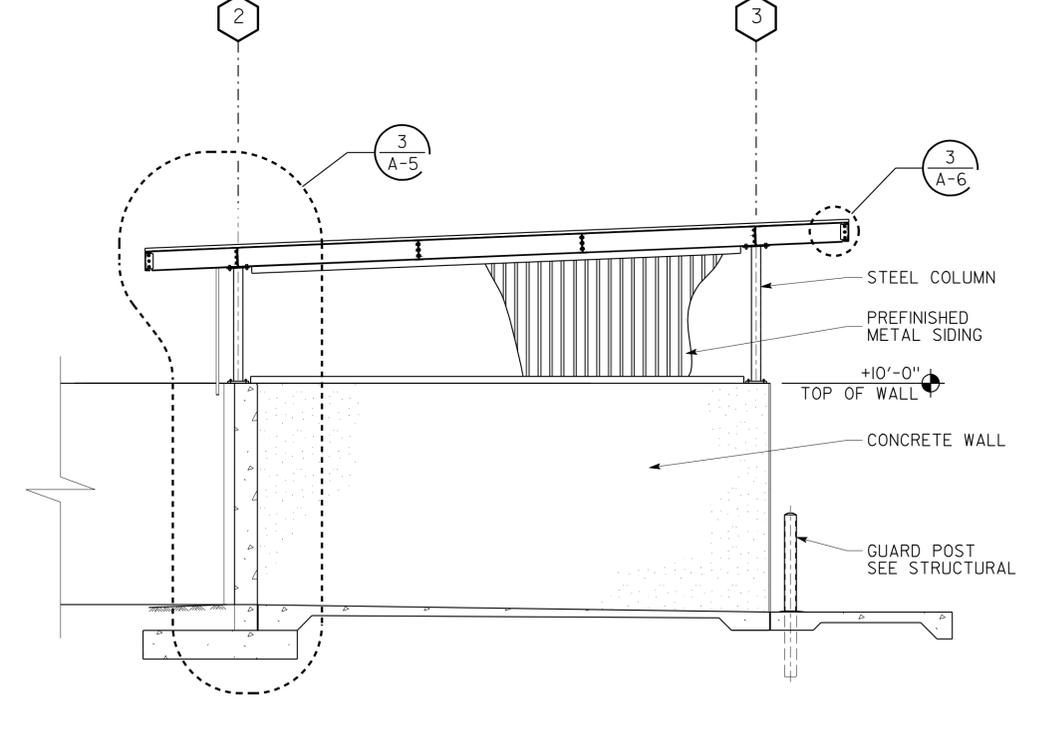
SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0900000138 Reviewed by: <i>[Signature]</i> Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10
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B SECTION

SCALE 1/4" = 1'-0"



A SECTION

SCALE 1/4" = 1'-0"

a_4_1g_elev_sect.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:57	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION ENLARGED ELEVATIONS, SECTIONS	SHEET A-4
	DETAILS BY RKF CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES 07-01-10 XX-XX-XX	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3598 09000001381		EA 342401		

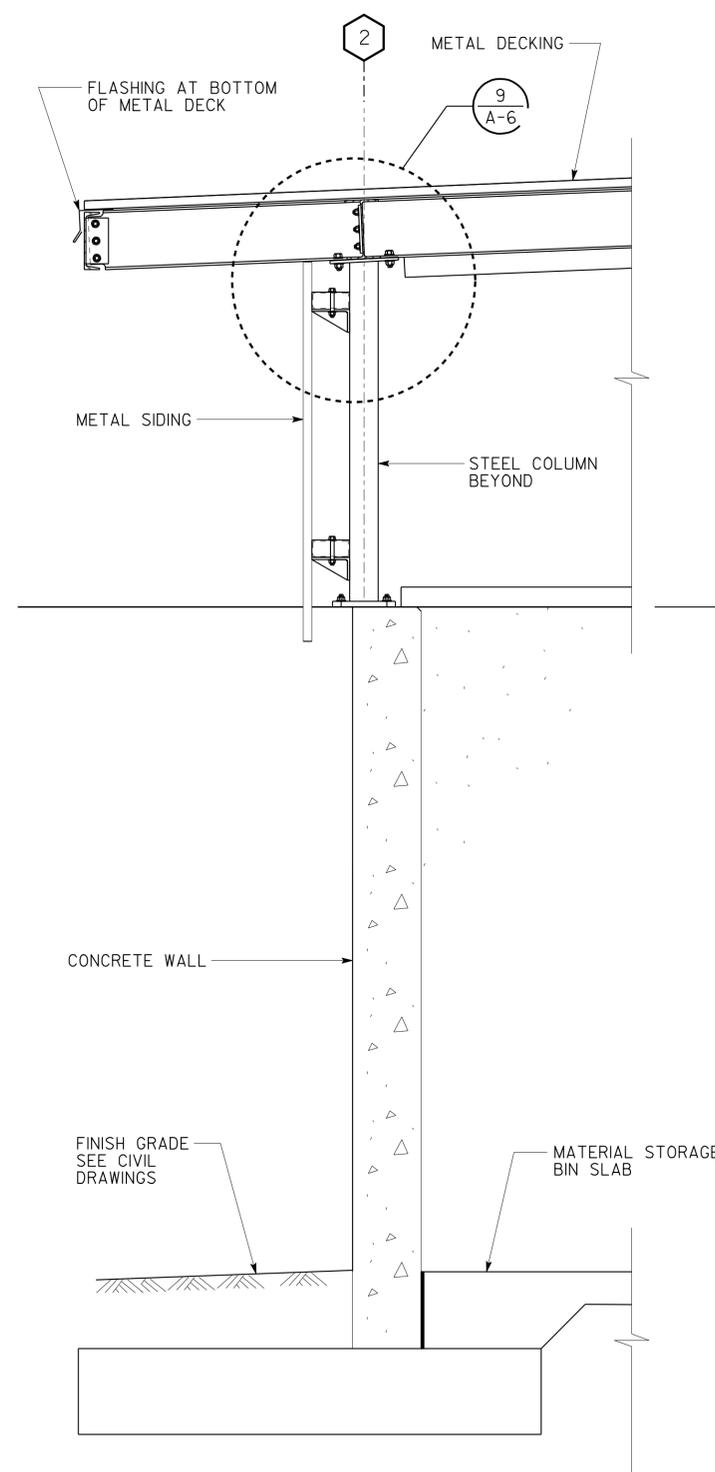
19-SEP-2011 14:57

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		37	55

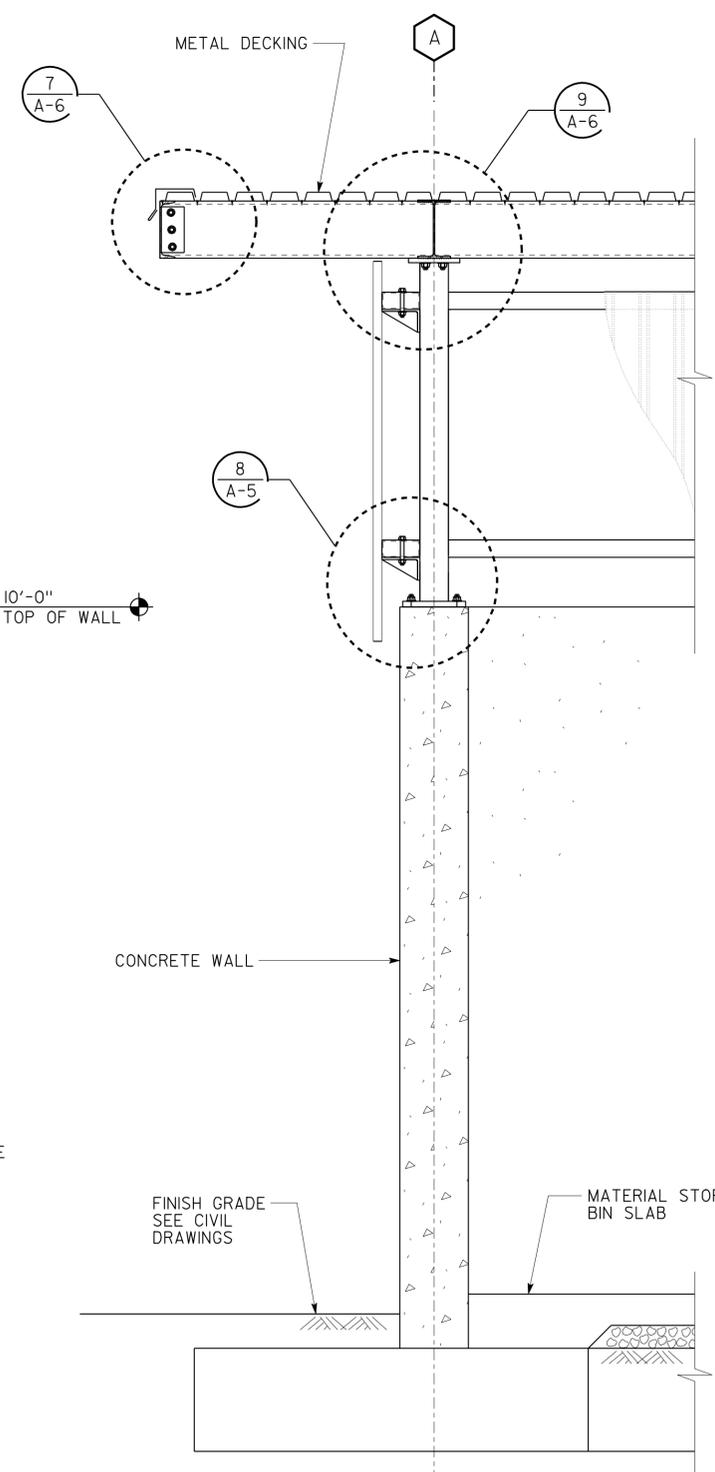
9-19-11
 PLANS APPROVAL DATE
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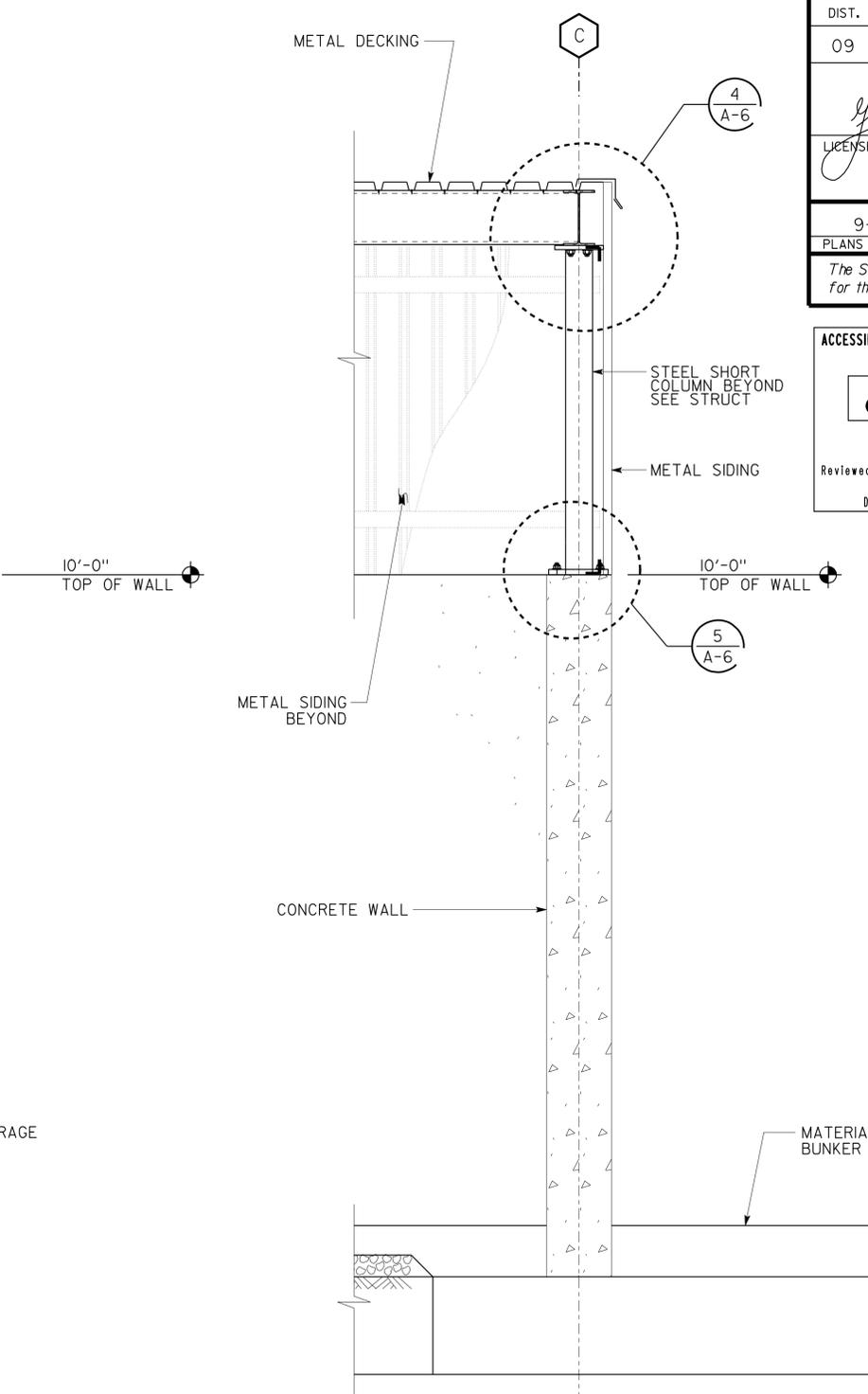
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 09 00000138 Reviewed by: <i>[Signature]</i> Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10
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3 WALL SECTION
SCALE 3/4" = 1'-0"



2 WALL SECTION
SCALE 3/4" = 1'-0"



1 WALL SECTION
SCALE 3/4" = 1'-0"

a_5_sections.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:57	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION WALL SECTIONS	SHEET OF A-5
	DETAILS BY RKF CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES →	REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10 XX-XX-XX	SHEET OF X X

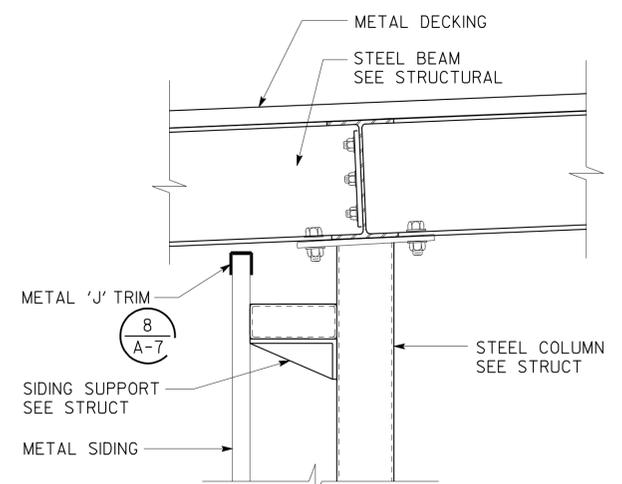
19-SEP-2011 14:57

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		38	55

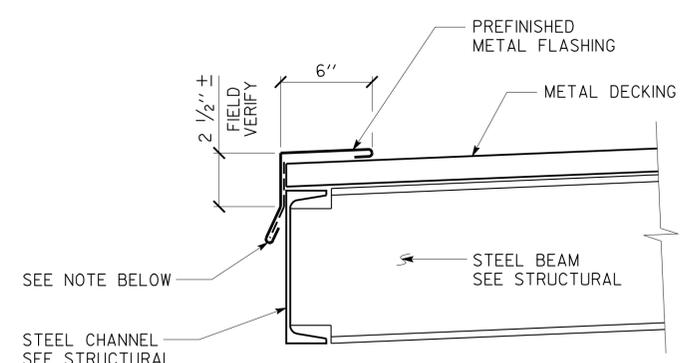
Ferdinand Ignacio
 LICENSED ARCHITECT
 DATE 12-14-10
 No. C-11819
 Exp. 01-31-11
 STATE OF CALIFORNIA

9-19-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0900000138 Reviewed by: <i>[Signature]</i> Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10
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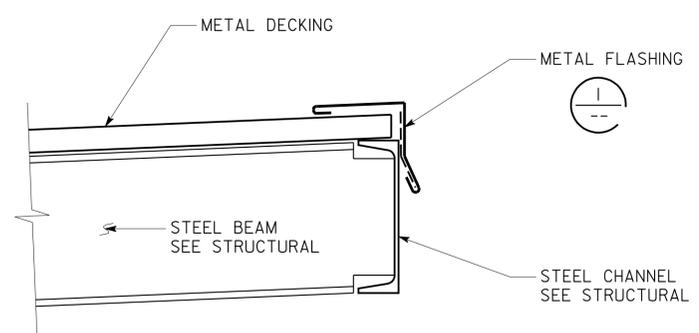


8 METAL SIDING @ EAVE
SCALE 1 1/2" = 1'-0"

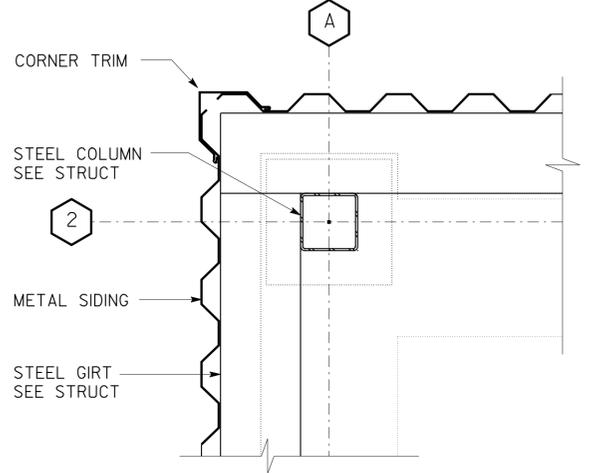


6 EAVE DETAIL
SCALE 2" = 1'-0"

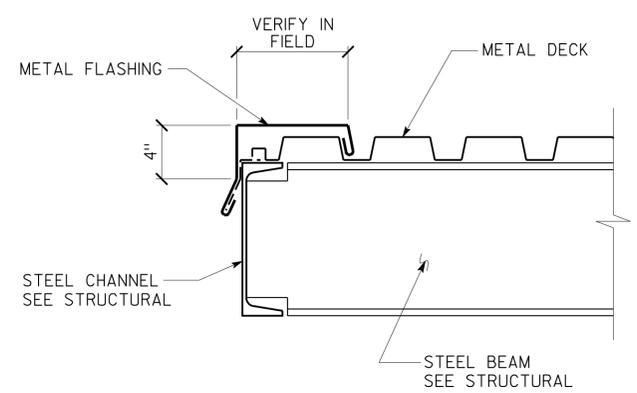
NOTE WEST SIDE BOTTOM OF FLASHING (SHOWN) TO ALIGN TO BOTTOM OF FLASHING AT NORTH, EAST AND SOUTH SIDES.



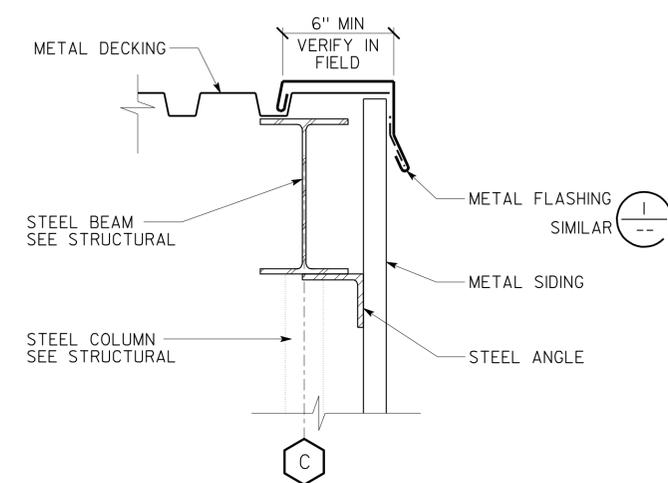
3 EAVE DETAIL
SCALE 2" = 1'-0"



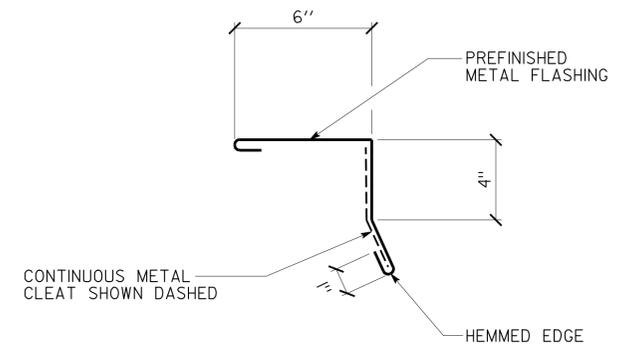
9 METAL SIDING @ CORNER
SCALE 1 1/2" = 1'-0"



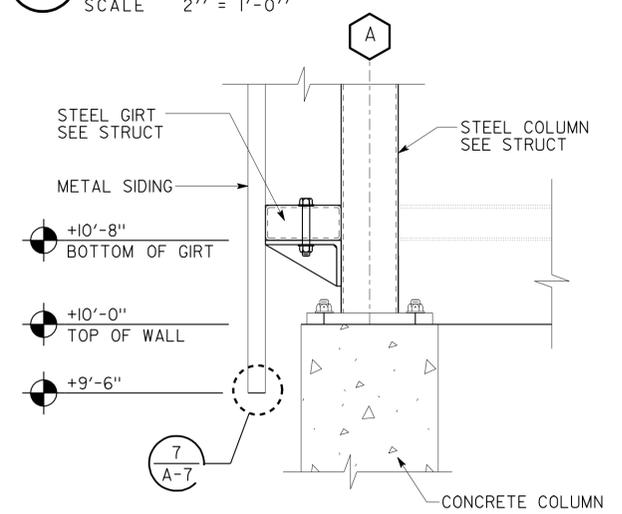
7 EVE DETAIL
SCALE 2" = 1'-0"



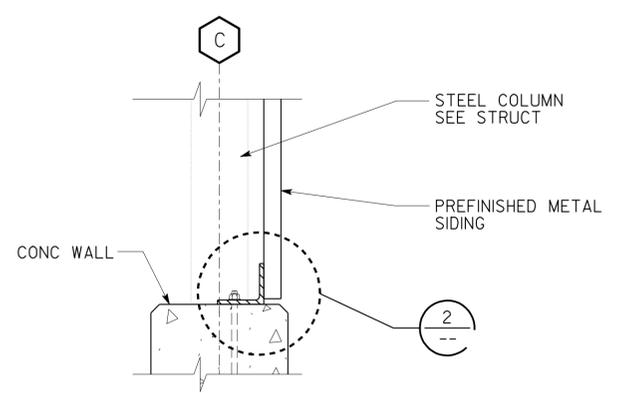
4 RAKE DETAIL
SCALE 2" = 1'-0"



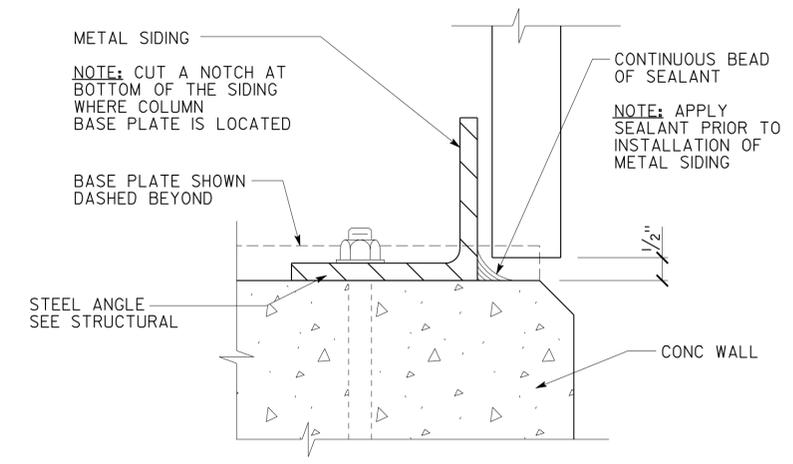
1 FLASHING
SCALE 3" = 1'-0"



7 METAL SIDING
SCALE 1 1/2" = 1'-0"



5 METAL SIDING @ WALL
SCALE 1 1/2" = 1'-0"



2 FLASHING
SCALE 6" = 1'-0"

11 NOT USED
SCALE

a_6_details.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:57	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION DETAILS	SHEET OF A-6
	DETAILS BY RKF CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 09000001381	UNIT 3598 PROJECT NUMBER & PHASE 09000001381		

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3
 DISREGARD PRINTS BEARING EARLIER REVISION DATES

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		39	55

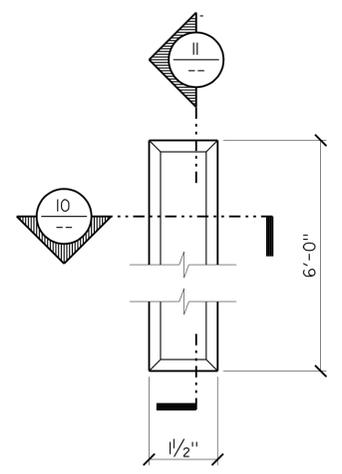
Ferdinand Ignacio 12-14-10
 LICENSED ARCHITECT DATE

9-19-11
 PLANS APPROVAL DATE

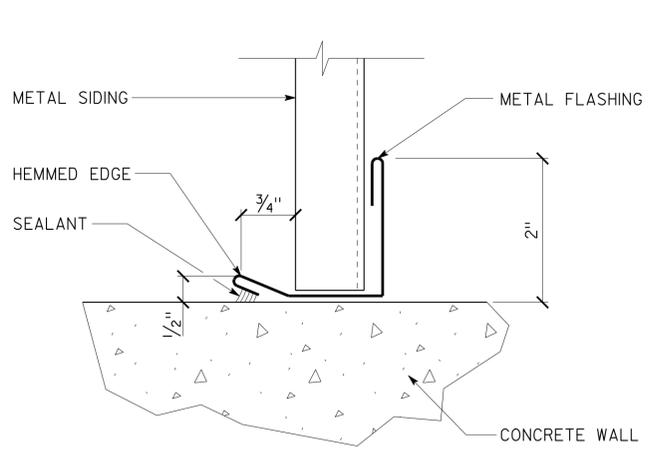
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



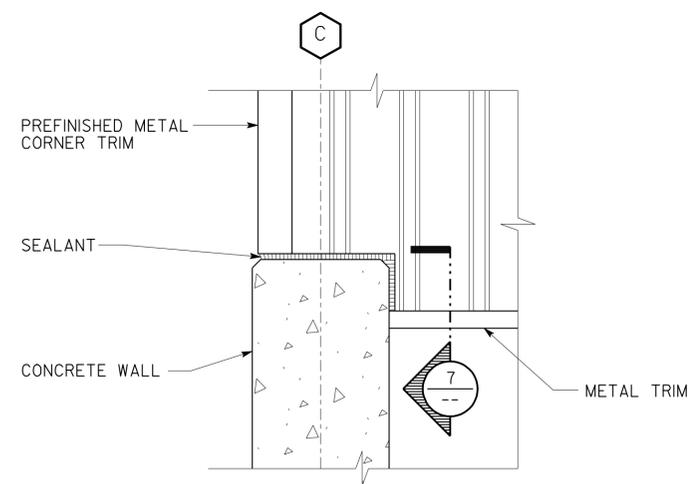
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0900000138 Reviewed by: <i>[Signature]</i> Date: 12/14/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-17-10
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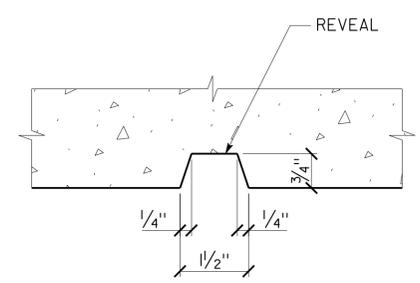
9 REVEAL ELEVATION
SCALE 6" = 1'-0"



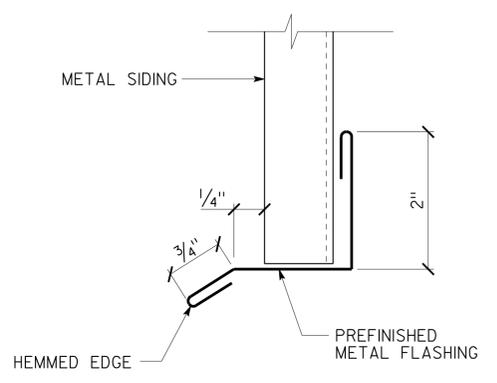
6 FLASHING
SCALE 6" = 1'-0"



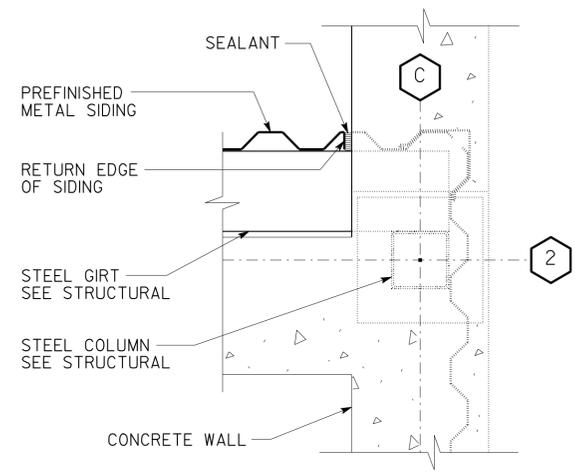
3 FLASHING
SCALE 1 1/2" = 1'-0"



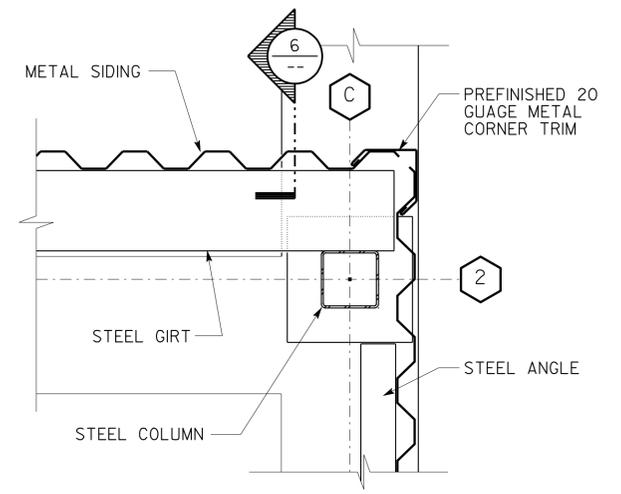
10 SECTION
SCALE 6" = 1'-0"



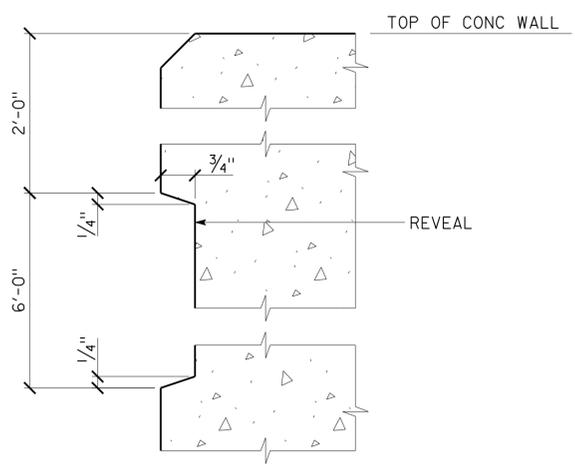
7 METAL TRIM
SCALE 6" = 1'-0"



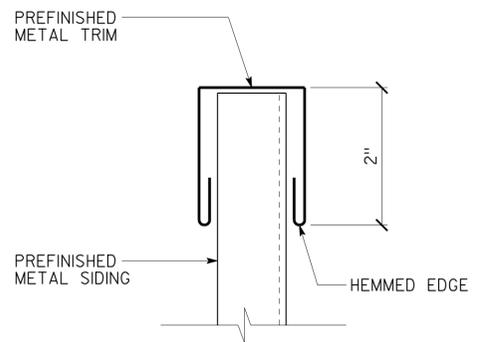
4 SIDING @ CONCRETE WALL
SCALE 1 1/2" = 1'-0"



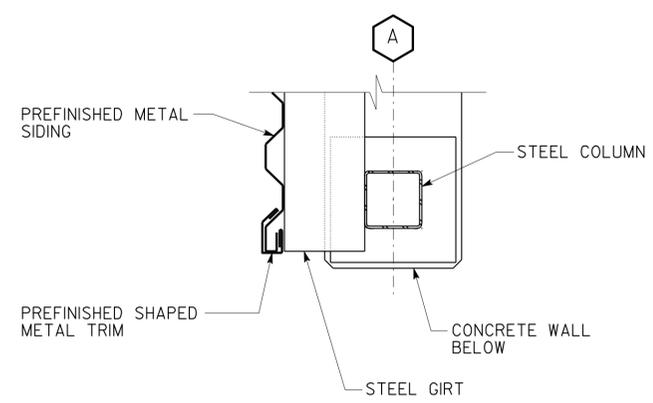
1 METAL SIDING @ CORNER
SCALE 1 1/2" = 1'-0"



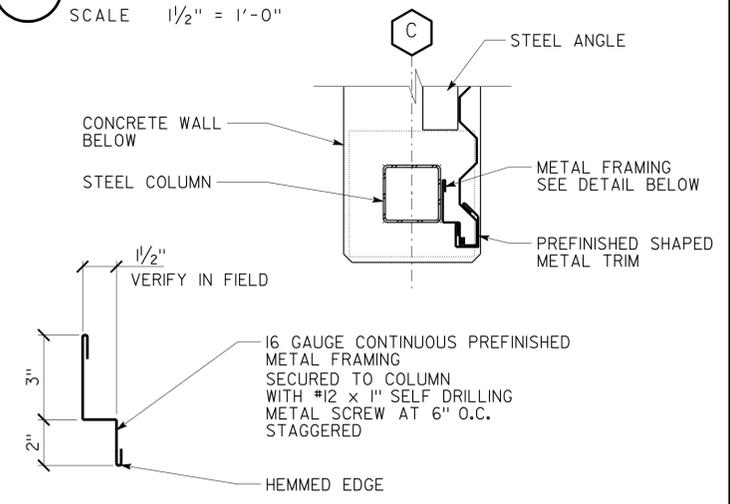
11 SECTION
SCALE 6" = 1'-0"



8 METAL TRIM
SCALE 6" = 1'-0"



5 METAL TRIM
SCALE 1 1/2" = 1'-0"

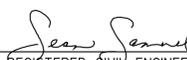
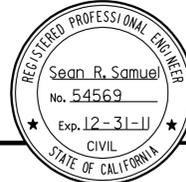


2 METAL TRIM
SCALE 1 1/2" = 1'-0"

a_7_details.dgn TAEMWW Imperial Rev. 7/10 19-SEP-2011 14:50	DESIGN BY D IGNACIO CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709 POST MILE 73.85	INDEPENDENCE MAINTENANCE STATION DETAILS	SHEET A-7
	DETAILS BY RKF CHECKED <i>[Signature]</i>		PROJECT NUMBER & PHASE 3598 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 07-01-10	SHEET OF X X	

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3
 UNIT: EA 342401

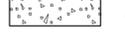
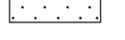
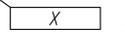
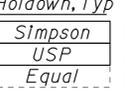
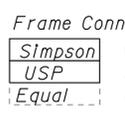
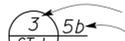
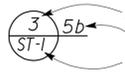
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09	Iny	5709		40	55


 REGISTERED CIVIL ENGINEER
 DATE 12-14-10


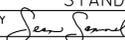
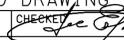
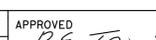
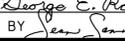
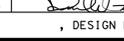
ABBREVIATIONS

AAD	Adhesive Anchorage Device	HD	Holddown
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		

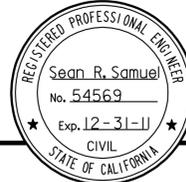
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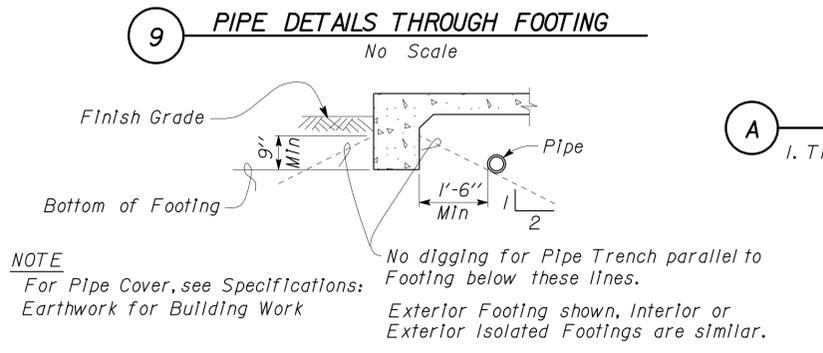
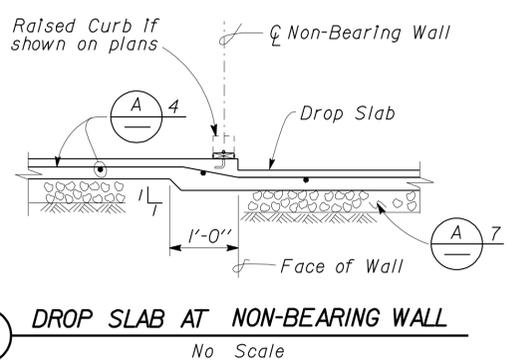
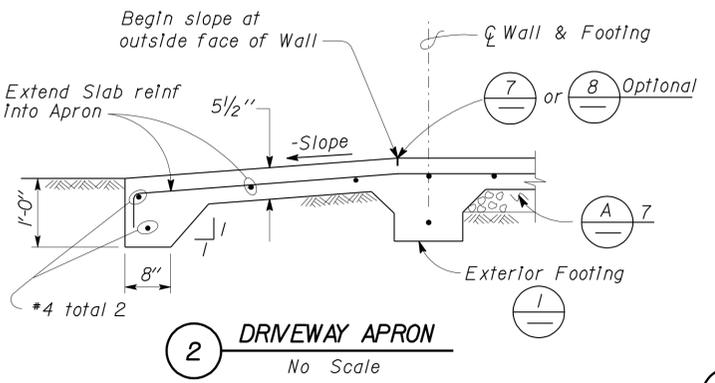
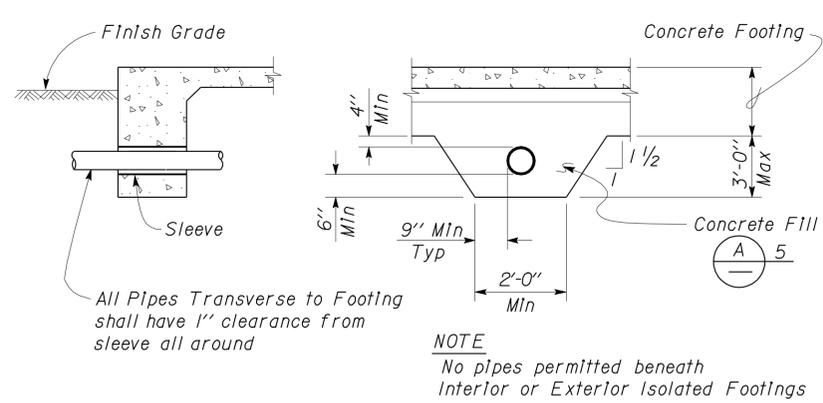
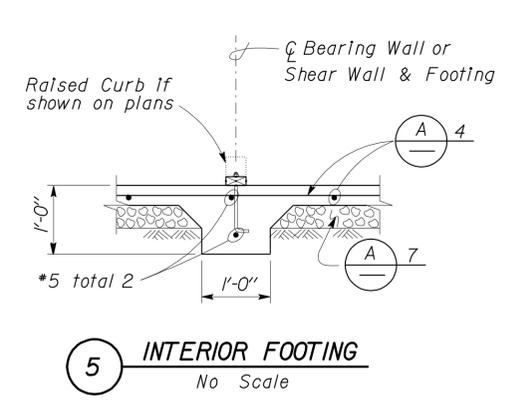
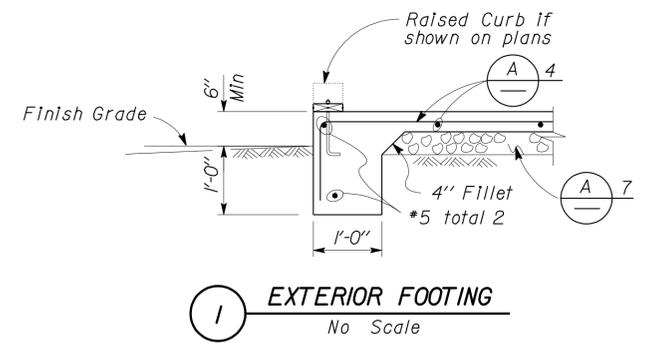
	Blocking in Section or Elevation		CMU Wall on Plan Views
	Continuous Member in Section		Dropped Slab on Plan Views
	End of Member		Reinforced Concrete
	Bearing Wall		Sand
	Shear Wall		Structural Backfill
	Length Shearwall Schedule Symbol Reference		Structural Excavation
	Glue Laminated Member Section		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		Holddown, Typ (Manufacturers are those noted in the order shown.)
	Station Line		Frame Connector (Manufacturers are those noted in the order shown.)
	Steel Plate		Diameter
	Square		Detail Number or Note Number Additional Reference (if required) Sheet Number

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

FILE NO. XS-25-0		DESIGN BY 	CHECKED 	APPROVED 	DESIGN BY	CHECKED	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION		SHEET ST-1
DRAWING DATE 1-04	DETAILS BY 	CHECKED 	DESIGN SUPERVISOR	DESIGN BY	CHECKED	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 73.85	LEGEND			
TAEMWW Imperial Rev. 7/10		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3599 09000001381		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF		

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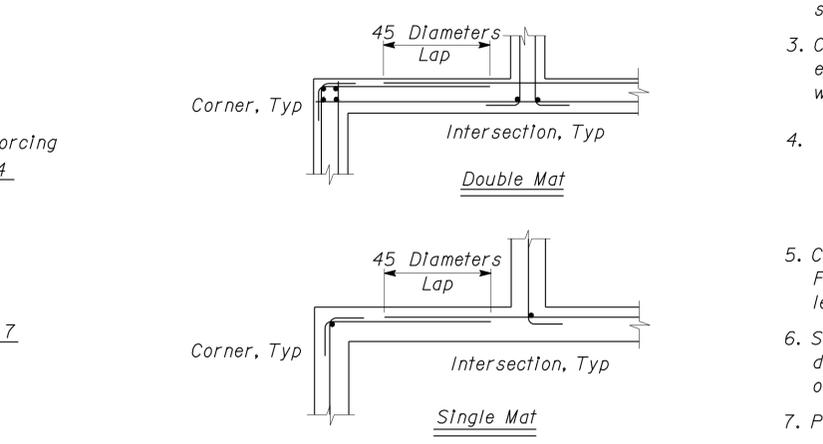
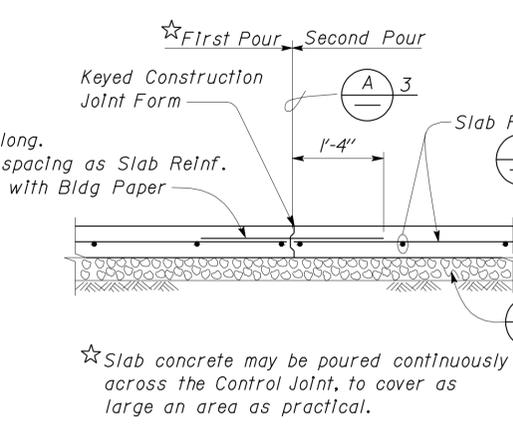
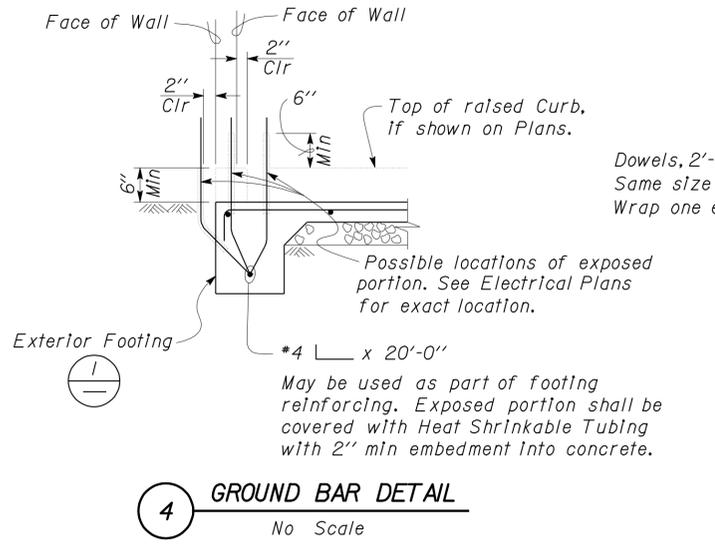
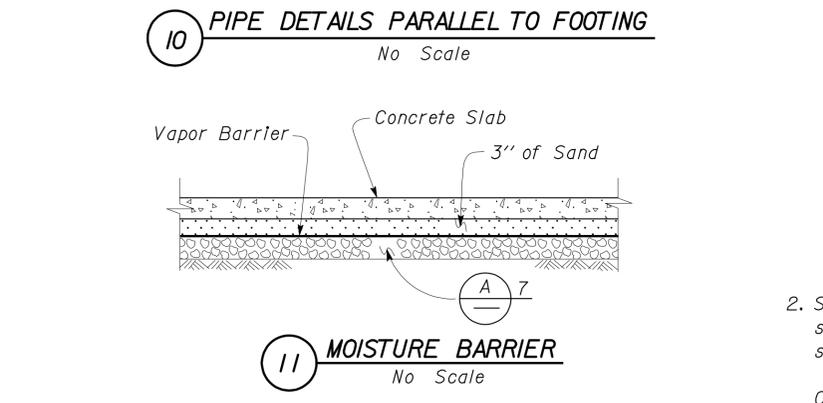
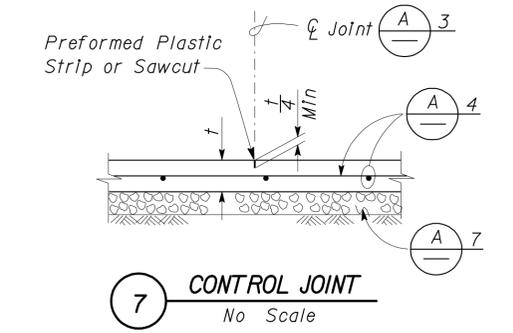
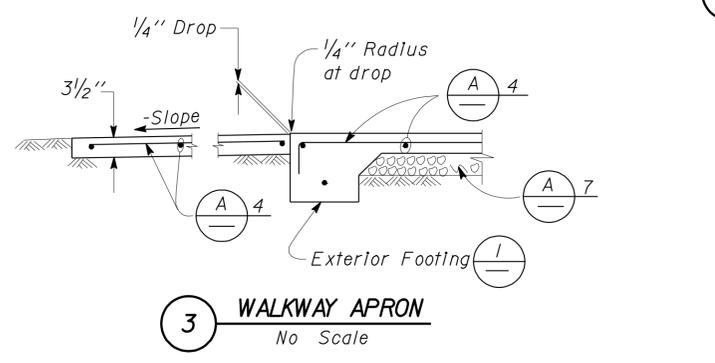
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		41	55
			12-14-10 DATE		9-19-11 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



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 Samuel	CHECKED Joe Colton	APPROVED R.E. Travis	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET ST-2
DRAWING DATE 1-04	DETAILS BY Peter F. von Savoy	CHECKED [Signature]	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 73.85	CONCRETE STANDARD	
TAEMWW Imper-ial Rev. 7/10				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3599 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 1-16-04 11-14-05	SHEET OF

PROJECT DESIGN CRITERIA

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

DETAIL NOTES

LOADS

SEISMIC: Occupancy Category = I
 Importance Factor $I = 1.0$
 Site Soil Class = D
 $S_S = 1.302$ $S_{DS} = 0.870$
 $S_I = 0.495$ $S_{DI} = 0.500$
 Seismic Design Category = D
Seismic Force-Resisting System:

North - South

$R = 1.25$ $C_S = 0.4900$

East - West

$R = 1.25$ $C_S = 0.4900$

WIND: Basic Wind Speed = 85 mph $I = 1.0$
 $\lambda = 1.0$ $P_{S30} = \pm 11.5$
 $K_{zt} = 1.0$
 Wind Pressure on Components and Cladding = 22 psf

LIVE LOAD: Roof = 20 psf

SNOW LOAD: Roof = 40 psf

- For Timber and Sawn Lumber see:
 "Wood Framing Standard - Notes"
 "Wood Framing Standard - Details"
- For Concrete see:
 "Concrete Standard"
- For Masonry see:
 "Concrete Masonry Unit 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.

MATERIALS

REINFORCED CONCRETE: (Ultimate Strength Design):
 $f'_c = 3,000$ psi
 $f_y = 60,000$ psi

STRUCTURAL STEEL: (Allowable Strength Design):
 Wide Flange $F_y = 50$ ksi
 Channels, Angles & Misc. Shapes $F_y = 36$ ksi
 Plates $F_y = 36$ ksi
 Hollow Structural Section (HSS) $F_y = 46$ ksi

FOUNDATION:

Allowable Soil Pressure (DL + LL) : = 2,000 psf Assumed

For Soil Classification, see Log of Test Boring Sheets.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		42	55

 12-14-10
 REGISTERED CIVIL ENGINEER DATE



9-19-11
 PLANS APPROVAL DATE

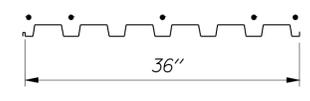
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METAL DECK MINIMUM SECTION PROPERTIES

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Metal Decking	1/2" x 20 Ga	0.22 in ⁴ /ft	0.235 in ³ /ft	0.246 in ³ /ft	38 Ksi

Note
 Minimum 3 Span Condition

WELDING SCHEDULE and STEEL DECK PROFILE

Steel Deck Profile	1/2" Diameter Puddle Weld			Diaphragm Shear Capacity
	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	
	5 - Puddle Welds Per Support	@ 12" OC	Button Punch @ 12" OC	410 lb/ft

A STEEL DECK NOTES

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	48M5709
POST MILE	73.85

INDEPENDENCE MAINTENANCE STATION

STORAGE BINS & BUNKER

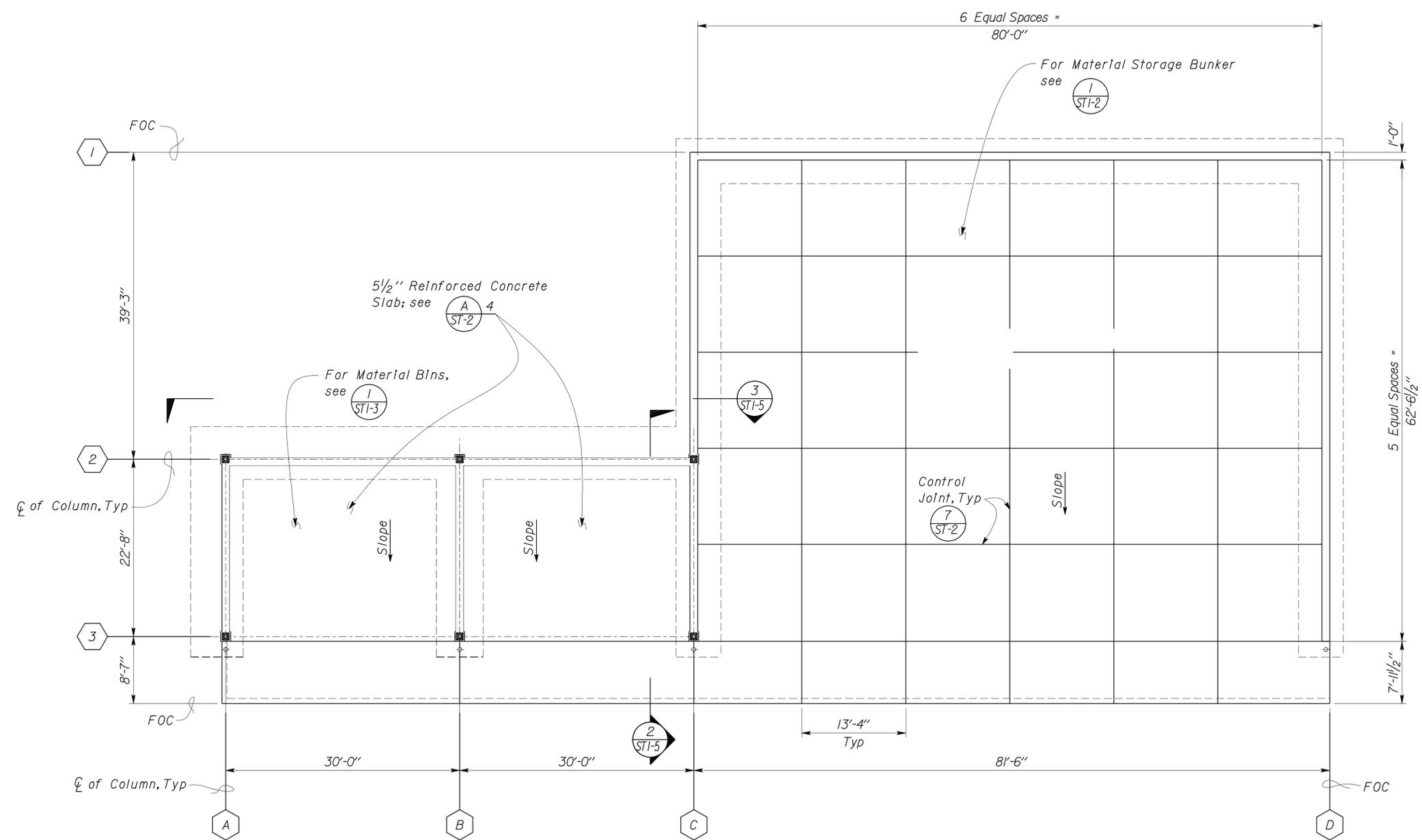
DESIGN CRITERIA AND DETAIL NOTES

SHEET **ST1-0**

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 REGISTERED CIVIL ENGINEER	12-14-10 DATE	
9-19-11 PLANS APPROVAL DATE		

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1 FOUNDATION PLAN
 Scale 1/8" = 1'-0"
 Elevation 102.00 = Datum 0'-0"

DESIGN BY Sean Samuel CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET ST1-1
			POST MILE 73.85		
DETAILS BY Janice Fujii CHECKED Sean Samuel	FOUNDATION PLAN			REVISION DATES (PRELIMINARY STAGE ONLY)	
QUANTITIES BY CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3599 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 08-10-10 09-13-10 09-28-10 10-12-10 10-26-10 11-09-10 11-22-10	SHEET OF

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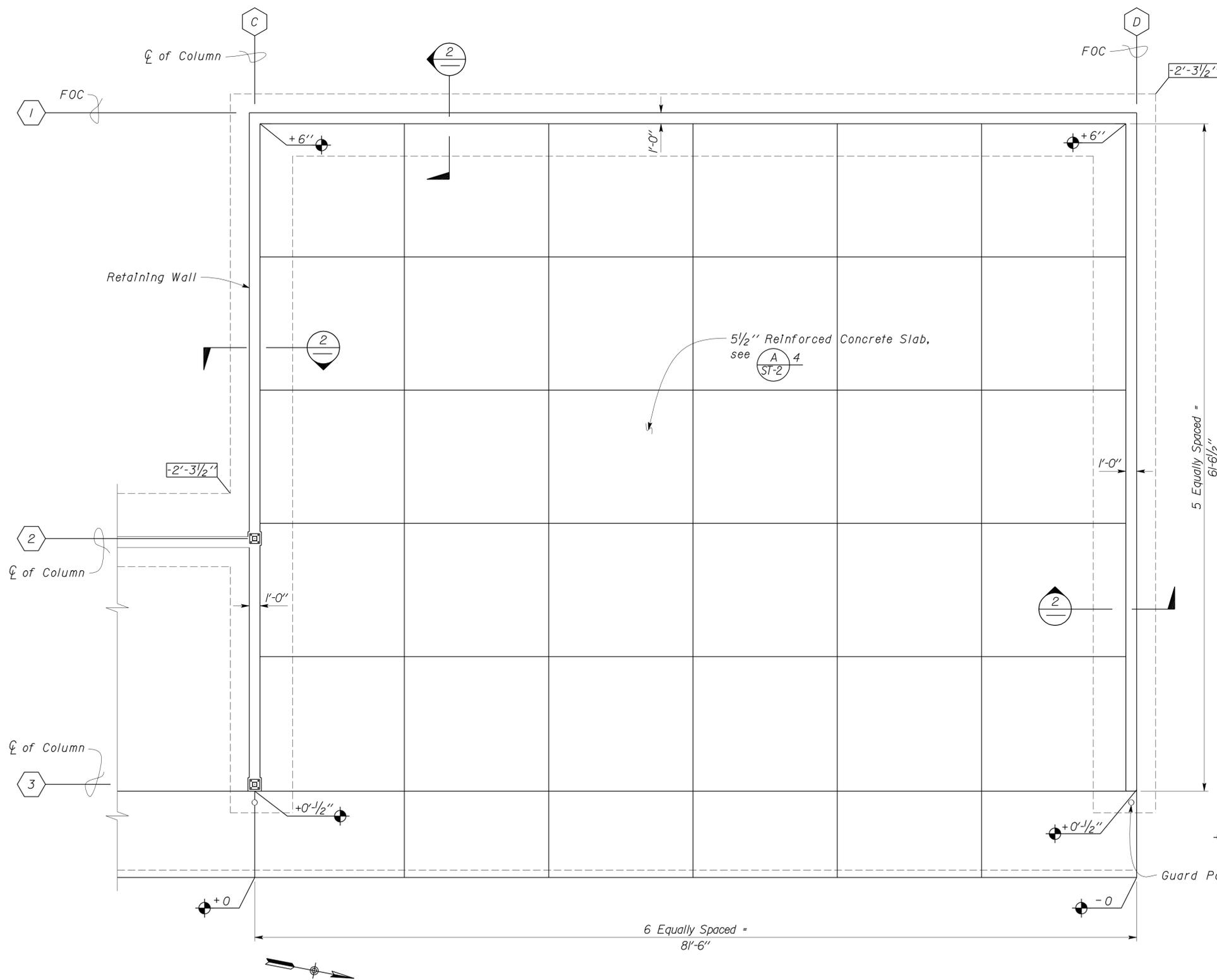
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		44	55

Sean Samuel
 REGISTERED CIVIL ENGINEER
 DATE 12-14-10

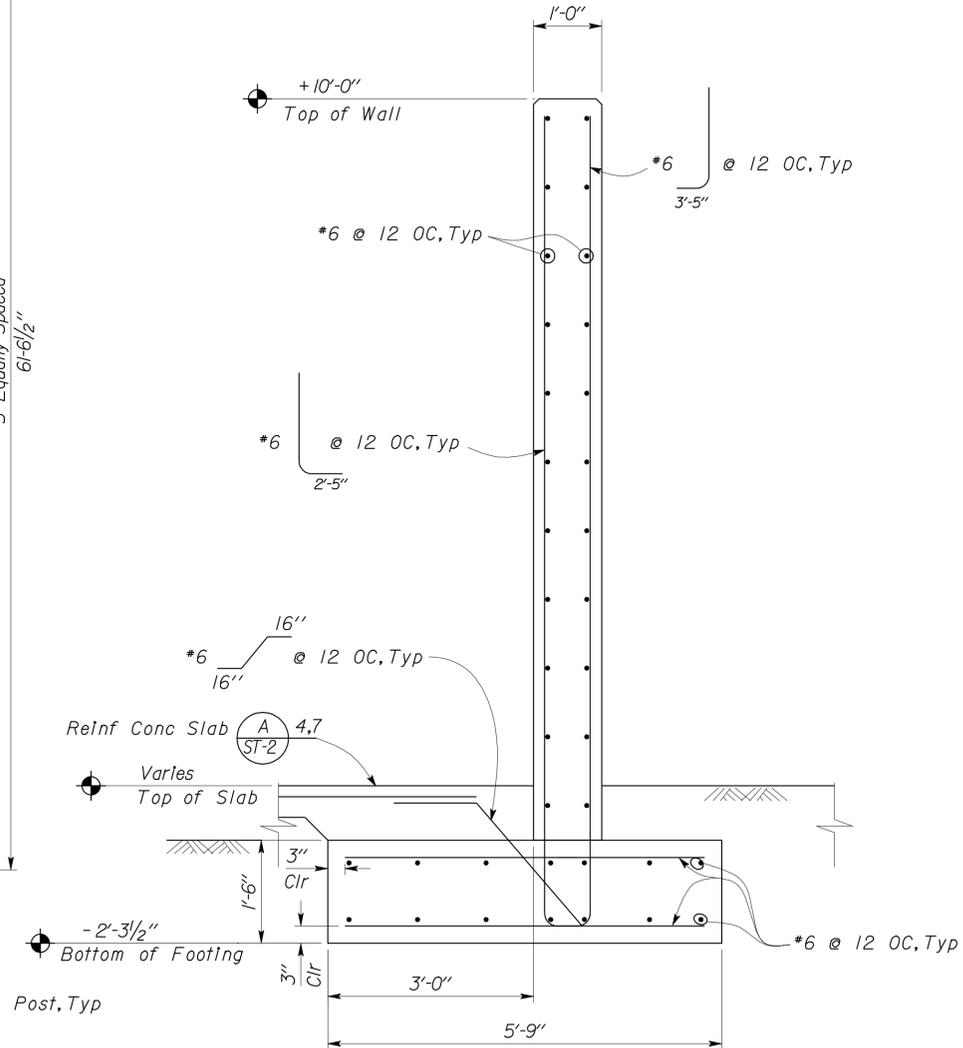
9-19-11
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 Sean R. Samuel
 No. 54569
 Exp. 12-31-11
 CIVIL
 STATE OF CALIFORNIA



1 FOUNDATION PLAN
 Scale $\frac{3}{16}'' = 1' - 0''$

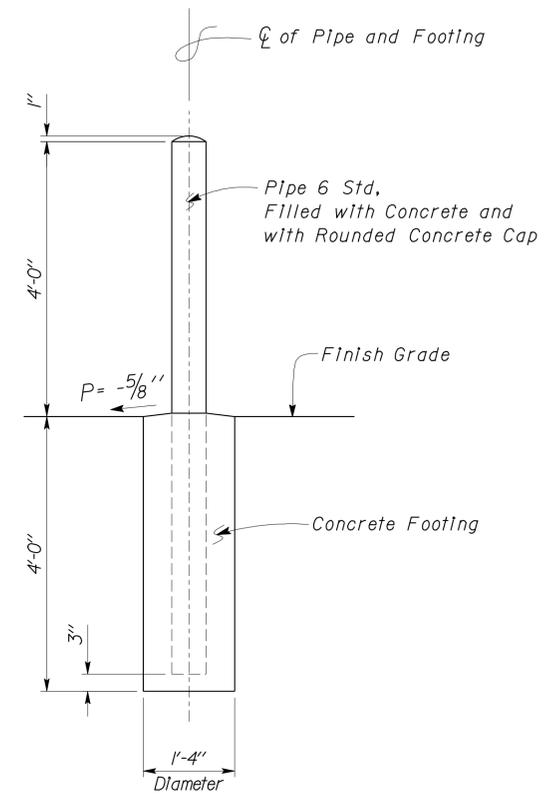
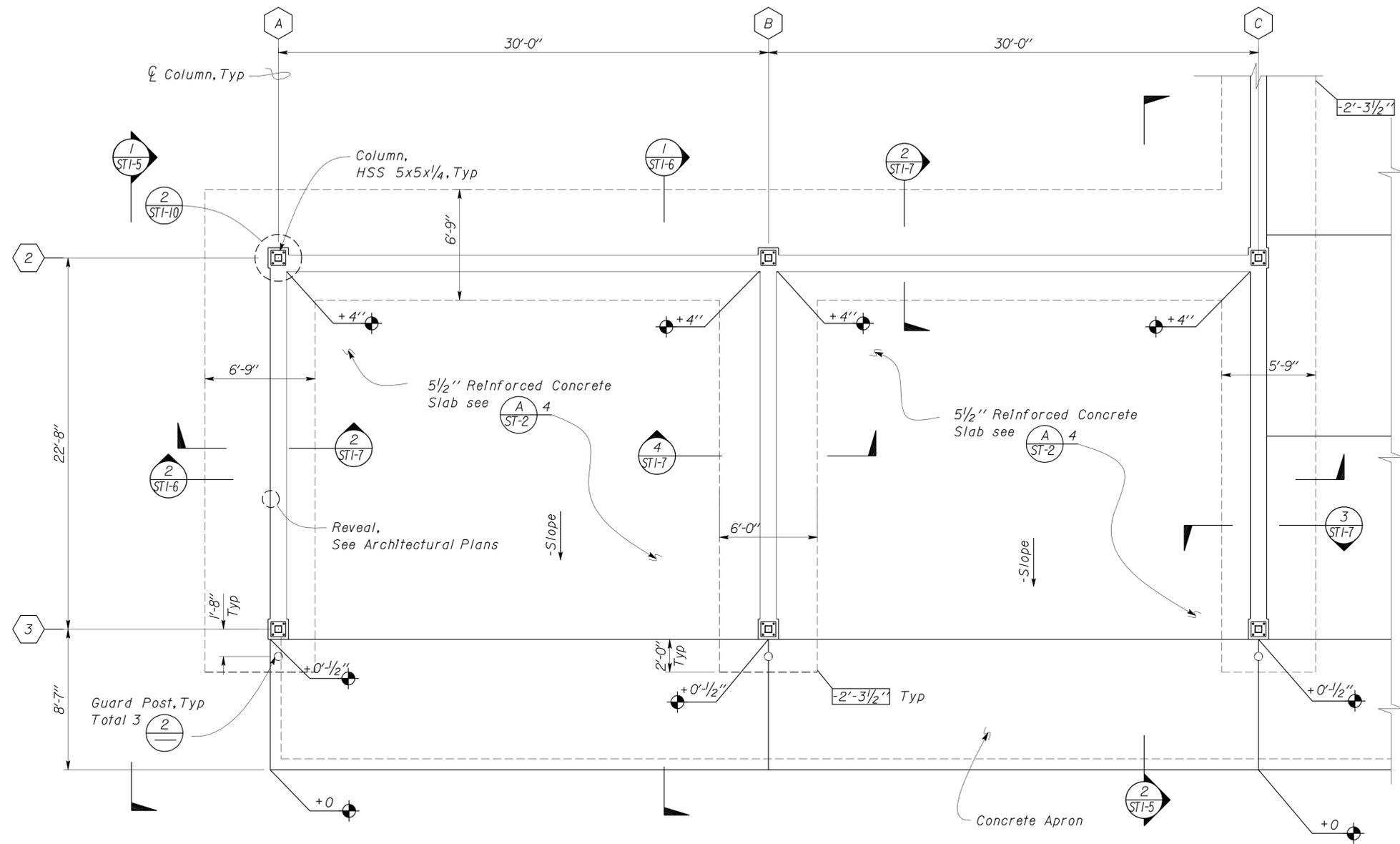


2 WALL SECTION
 Scale $\frac{3}{4}'' = 1' - 0''$

DESIGN	BY	Sean Samuel	CHECKED	Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	INDEPENDENCE MAINTENANCE STATION		SHEET ST1-2	
	DETAILS	BY	Janice Fujii	CHECKED			Sean Samuel	48M5709	STORAGE BINS & BUNKER		FOUNDATION PLAN AND WALL SECTION
QUANTITIES	BY		CHECKED				73.85				
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF
PROJECT NUMBER & PHASE					3599 09000001381		REVISION DATES (PRELIMINARY STAGE ONLY)		10-26-10 11-09-10 08-30-10 09-13-10 09-16-10 09-21-10 09-22-10 10-12-10 10-20-10		

EA 342401
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		45	55
 REGISTERED CIVIL ENGINEER			12-14-10 DATE		
9-19-11 PLANS APPROVAL DATE					
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DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 48M5709
POST MILE 73.85

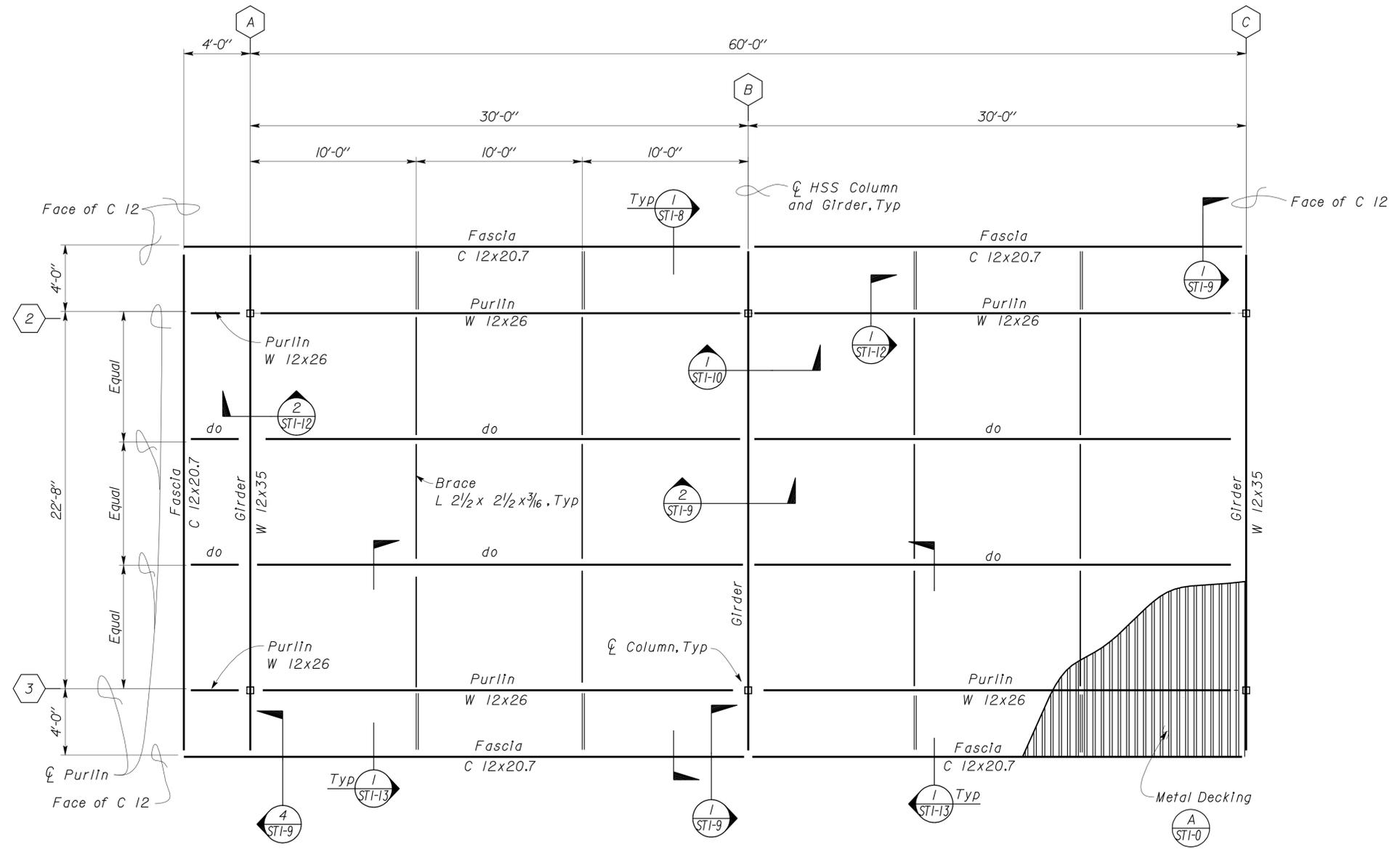
INDEPENDENCE MAINTENANCE STATION
STORAGE BINS & BUNKER
FOUNDATION PLAN

SHEET **ST1-3** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		46	55


 REGISTERED CIVIL ENGINEER
 DATE 12-14-10


9-19-11
 PLANS APPROVAL DATE
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1 ROOF FRAMING PLAN
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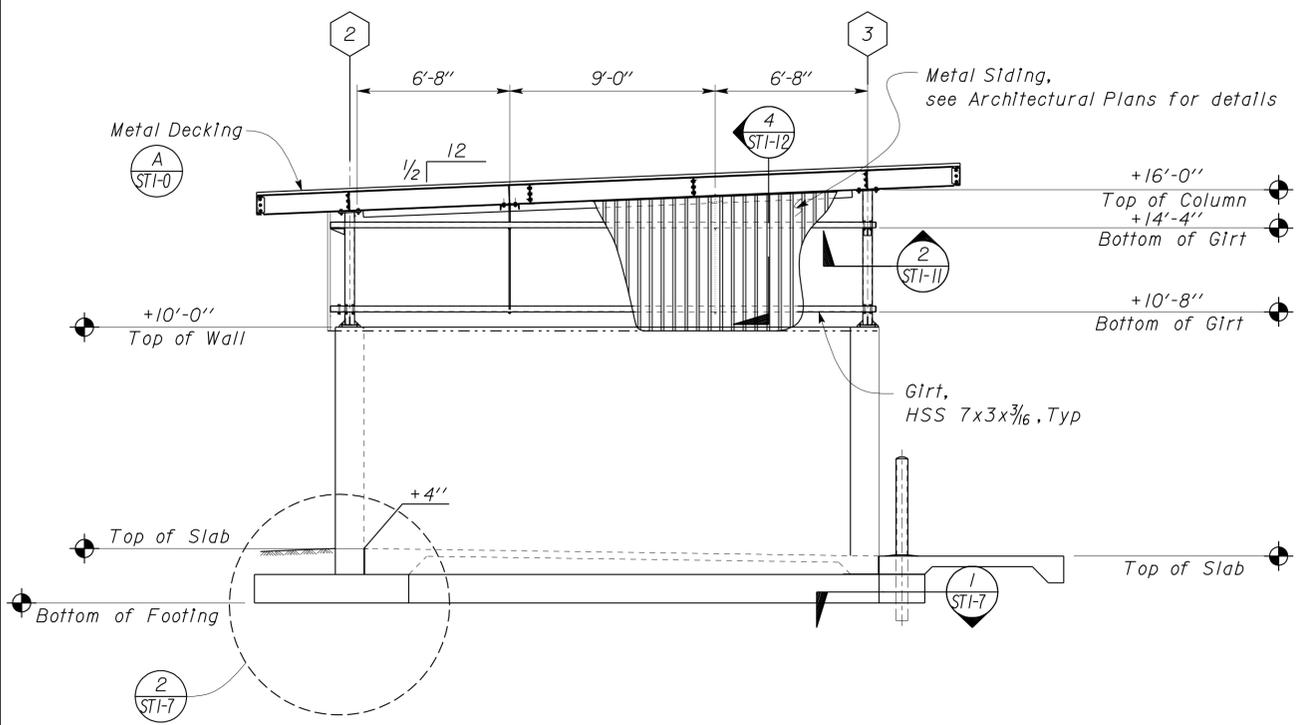
DESIGN BY Sean Samuel CHECKED BY Justin Uyehara DETAILS BY Janice Fujii CHECKED BY Sean Samuel QUANTITIES BY CHECKED BY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET OF ST1-4
			POST MILE 73.85		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT PROJECT NUMBER & PHASE 3599 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 07-26-10 08-18-10 08-26-10 09-13-10 09-22-10	SHEET OF OF

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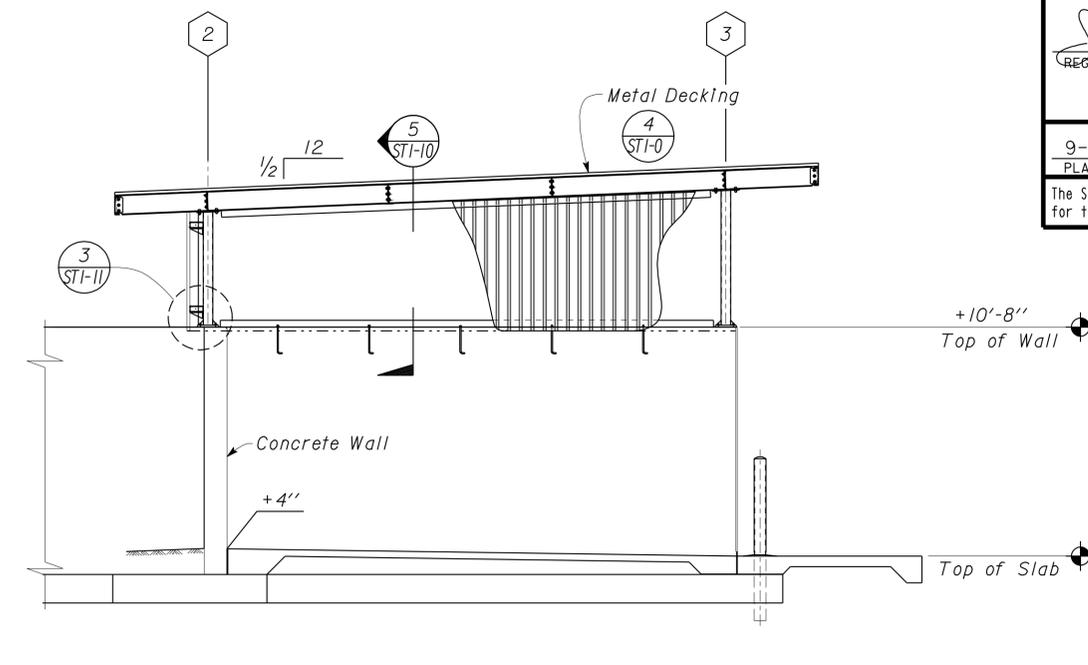
Sean Samuel
 REGISTERED CIVIL ENGINEER
 DATE 12-14-10
 Exp. 12-31-11
 CIVIL
 STATE OF CALIFORNIA

9-19-11
 PLANS APPROVAL DATE

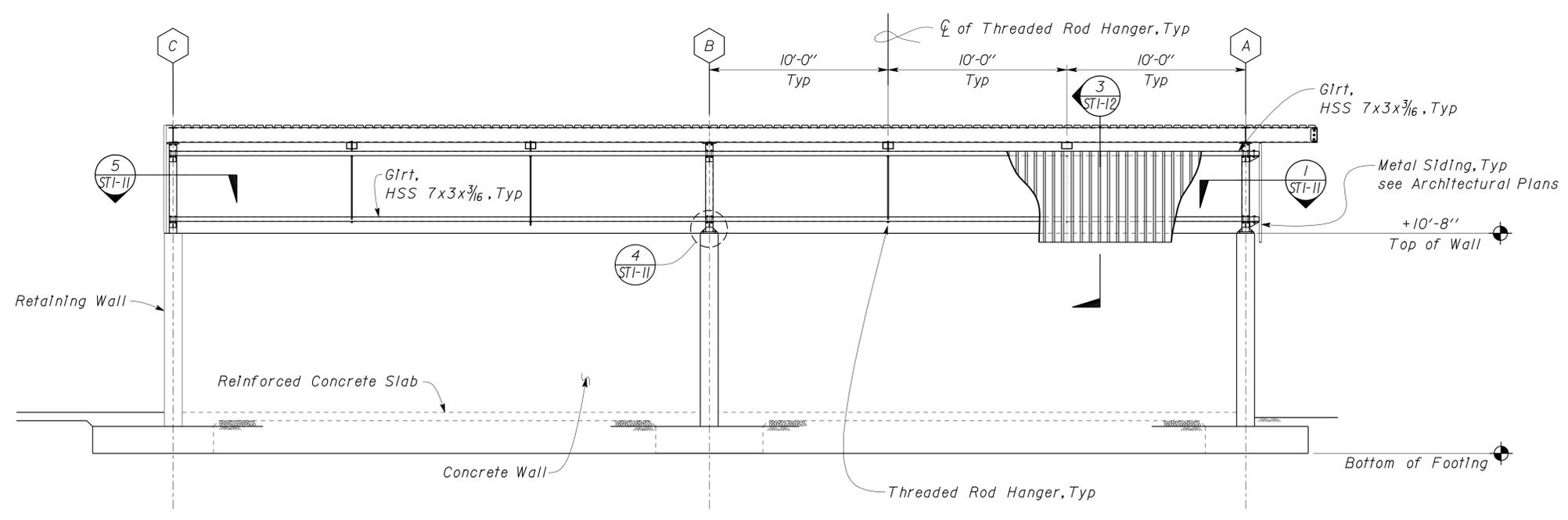
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1 CANOPY TRANSVERSE ELEVATION
Scale 1/4" = 1' - 0"



2 CANOPY TRANSVERSE SECTION
Scale 1/4" = 1' - 0"



3 CANOPY REAR ELEVATION
Scale 1/4" = 1' - 0"

DESIGN	BY	Sean Samuel	CHECKED	Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	INDEPENDENCE MAINTENANCE STATION		SHEET ST1-5	
	DETAILS	BY	Janice Fujii	CHECKED			Sean Samuel	POST MILE	STORAGE BINS & BUNKER		
QUANTITIES	BY		CHECKED				73.85	ELEVATIONS			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
UNIT PROJECT NUMBER & PHASE					3599 09000001381		REVISION DATES (PRELIMINARY STAGE ONLY)		11-09-10 09-15-10 09-21-10 09-22-10 09-28-10 10-05-10 10-12-10 10-14-10 10-21-10		SHEET OF

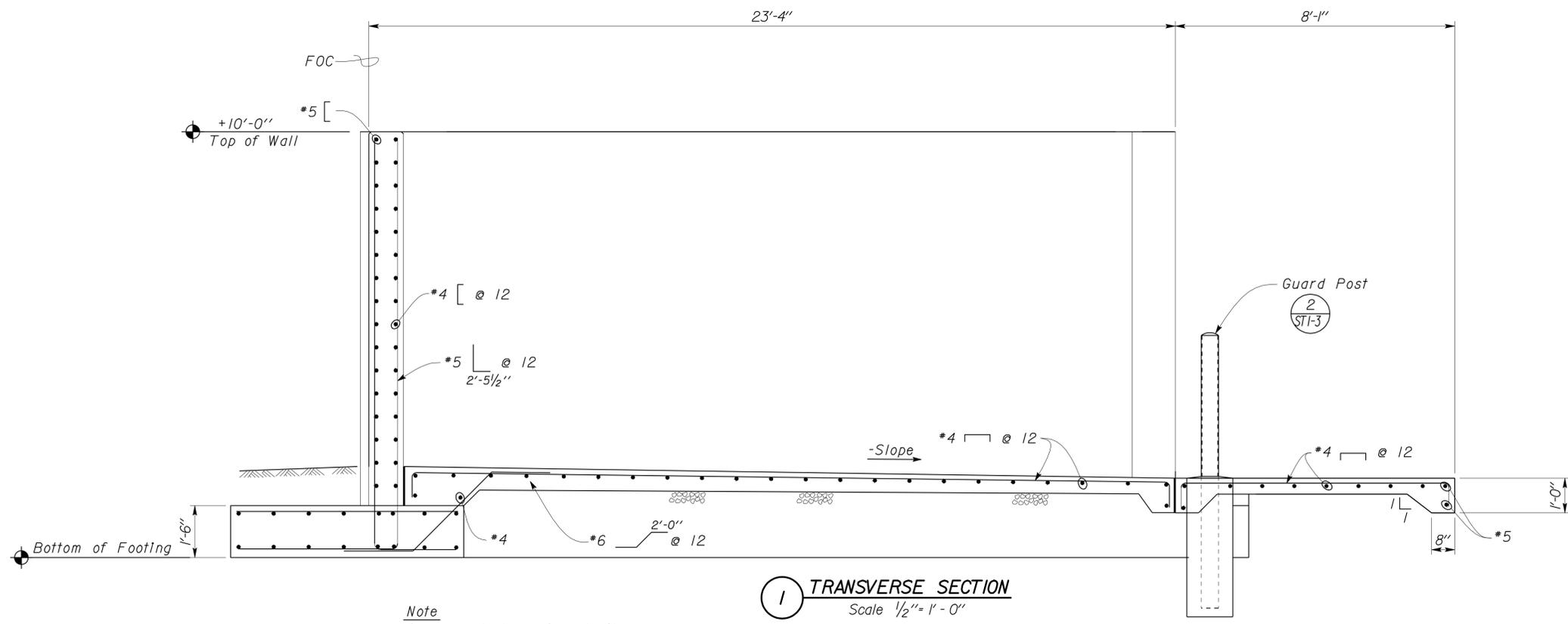
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		48	55

Sean Samuel
 REGISTERED CIVIL ENGINEER
 DATE 12-14-10
 PLANS APPROVAL DATE 9-19-11

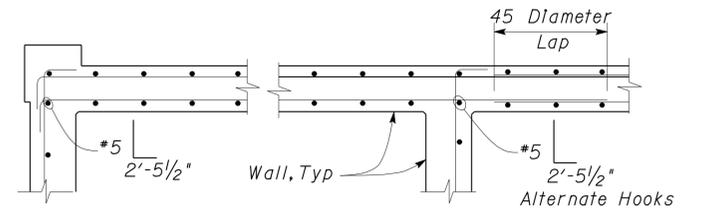
REGISTERED PROFESSIONAL ENGINEER
 Sean R. Samuel
 No. 54569
 Exp. 12-31-11
 CIVIL
 STATE OF CALIFORNIA

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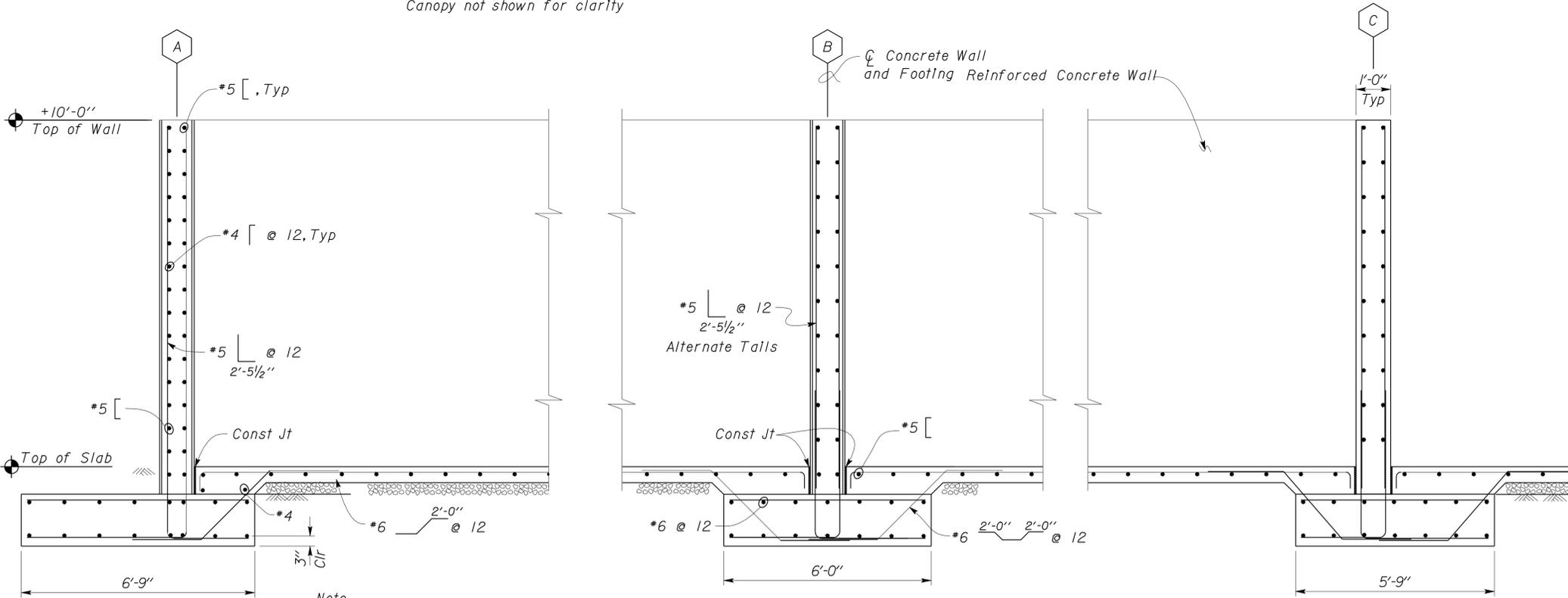


1 TRANSVERSE SECTION
Scale 1/2" = 1'-0"

Note
Canopy not shown for clarity



3 BAR ARRANGEMENT DETAIL
Scale 1/2" = 1'-0"



2 PARTIAL LONGITUDINAL SECTION
Scale 1/2" = 1'-0"

Note
Canopy not shown for clarity

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 48M5709
POST MILE 73.85

INDEPENDENCE MAINTENANCE STATION
STORAGE BINS & BUNKER
WALL AND SLAB SECTION

SHEET OF
ST1-6

TAEMWW Imperial Rev. 7/10

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

UNIT PROJECT NUMBER & PHASE 3599 09000001381

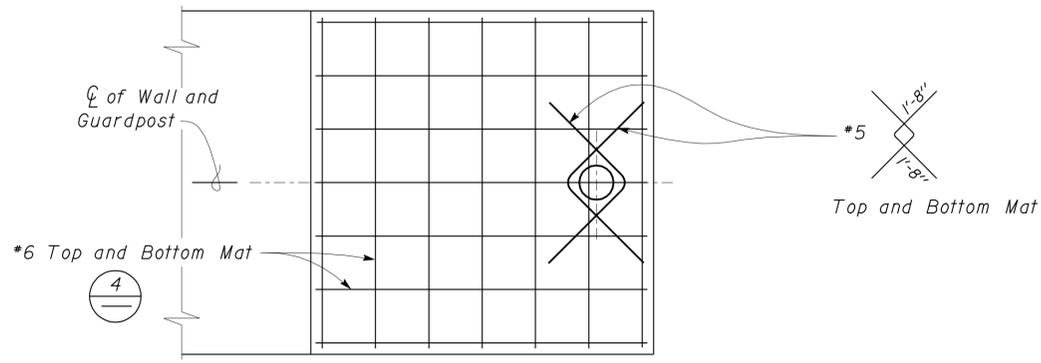
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET OF

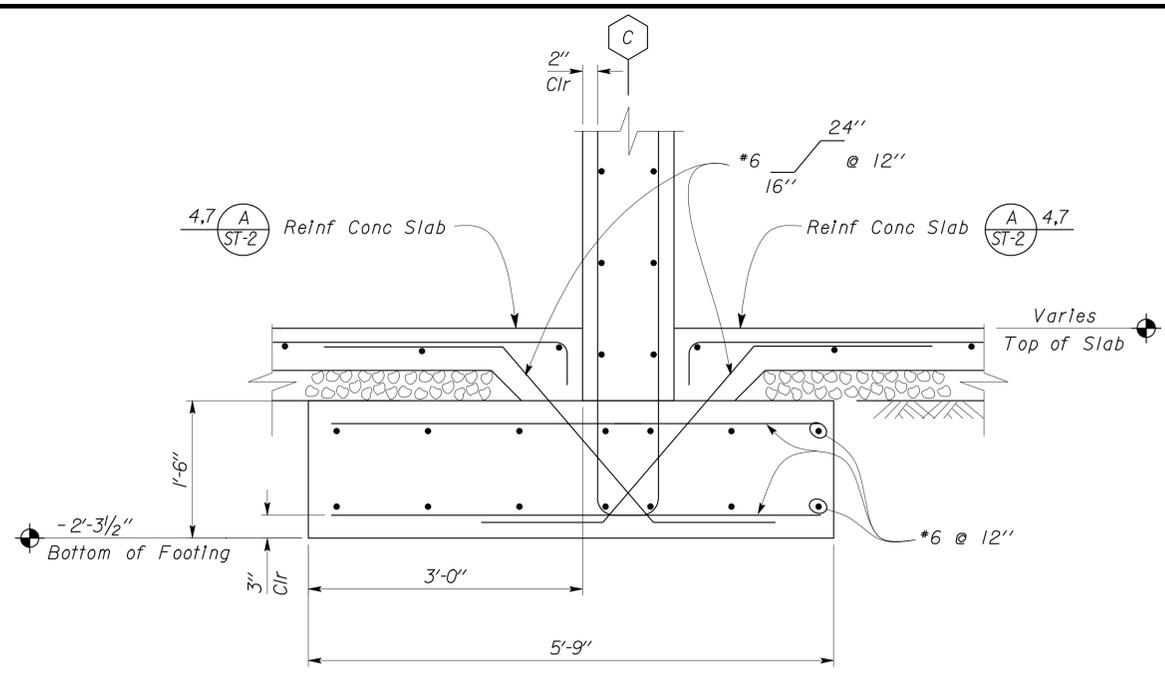
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		49	55

 REGISTERED CIVIL ENGINEER DATE 12-14-10	
9-19-11 PLANS APPROVAL DATE	
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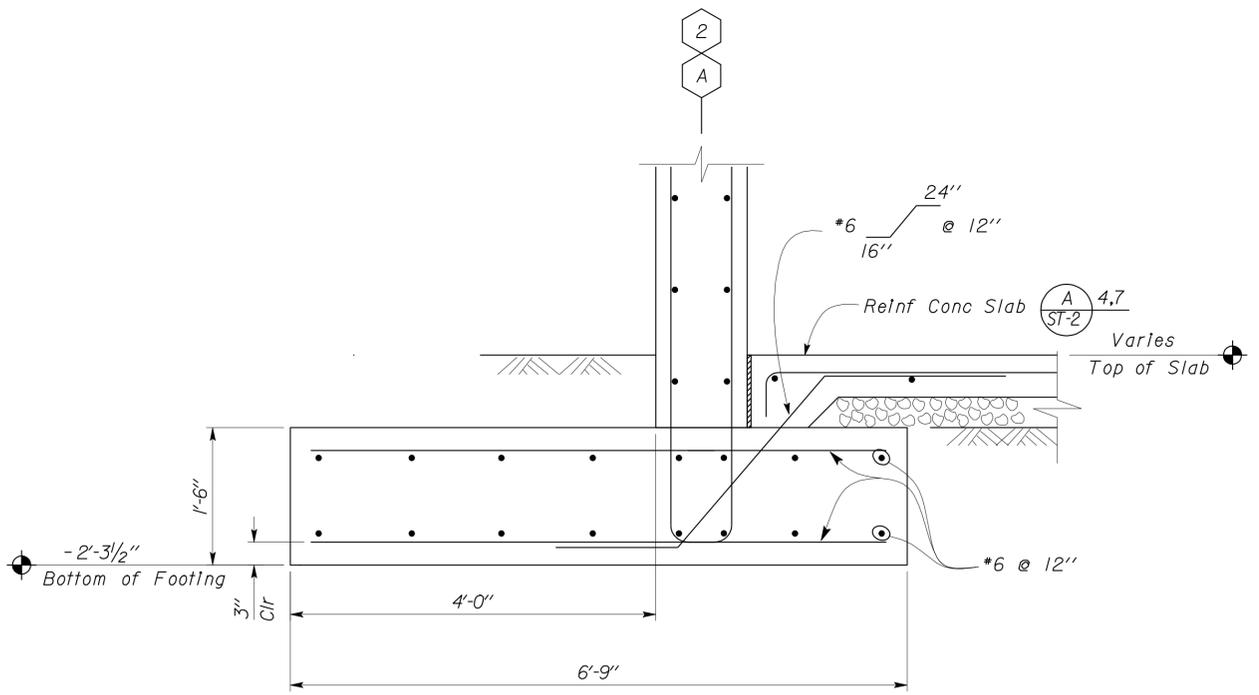


Note
Storage Bin Wall not shown

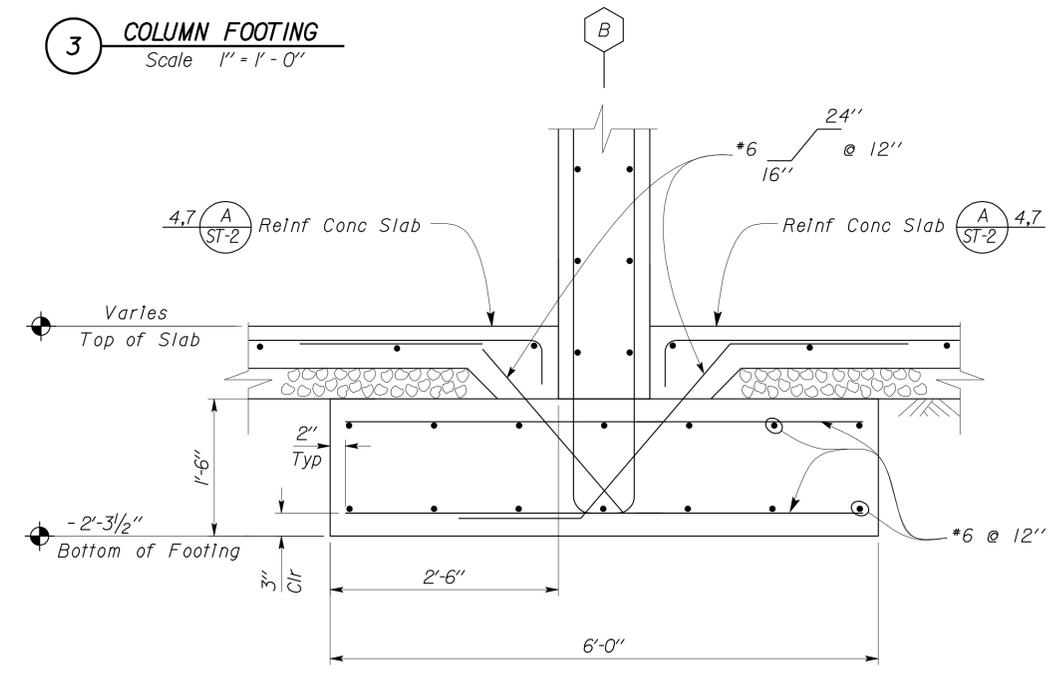
1 FOOTING AND GUARDPOST PLAN
Scale 3/4" = 1' - 0"



3 COLUMN FOOTING
Scale 1" = 1' - 0"



2 COLUMN FOOTING PLAN
Scale 1" = 1' - 0"



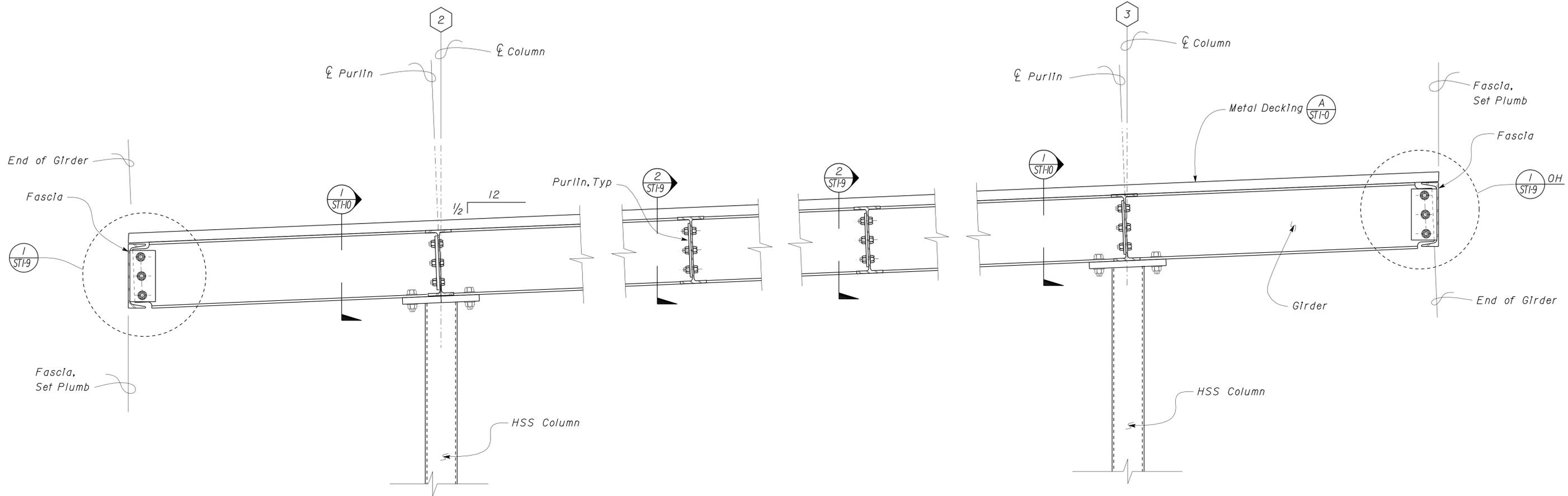
Note
For dimensions and callouts not shown see (1) (2) (3)

4 COLUMN FOOTING AND GUARDPOST DETAIL
Scale 1" = 1' - 0"

DESIGN	BY	Sean Samuel	CHECKED	Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET ST1-7					
	DETAILS	BY	Janice Fujii	CHECKED			Sean Samuel	POST MILE			73.85	STORAGE BINS & BUNKER			
QUANTITIES	BY		CHECKED		UNIT	3599	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	07-29-10	09-09-10	09-22-10	10-13-10	10-28-10	11-09-10	

19-SEP-2011 14:56

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		50	55
 REGISTERED CIVIL ENGINEER			12-14-10 DATE		
9-19-11 PLANS APPROVAL DATE					
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1 PARTIAL ROOF SECTION
 Scale 1/2" = 1' - 0"

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	48M5709
POST MILE	73.85

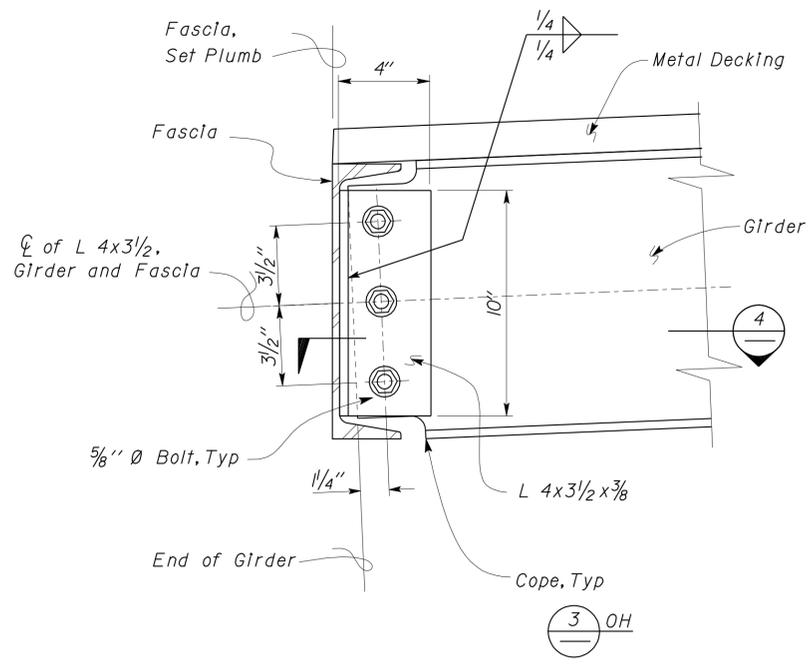
INDEPENDENCE MAINTENANCE STATION
 STORAGE BINS & BUNKER
CANOPY SECTION

SHEET **ST1-8** OF

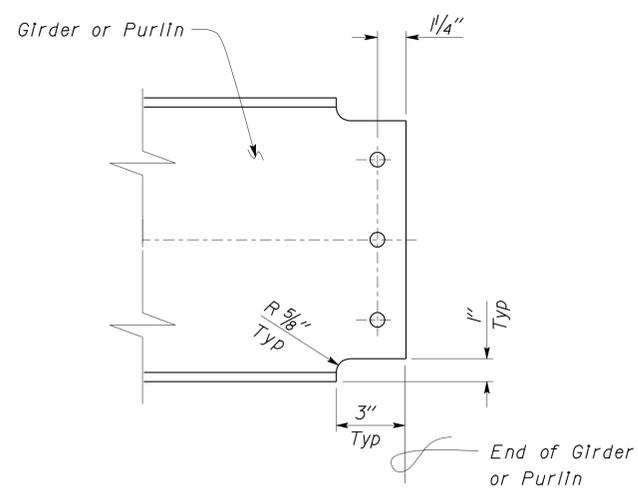
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		51	55

Sean Samuel
 REGISTERED CIVIL ENGINEER
 12-14-10 DATE
 Exp. 12-31-11
 CIVIL
 STATE OF CALIFORNIA

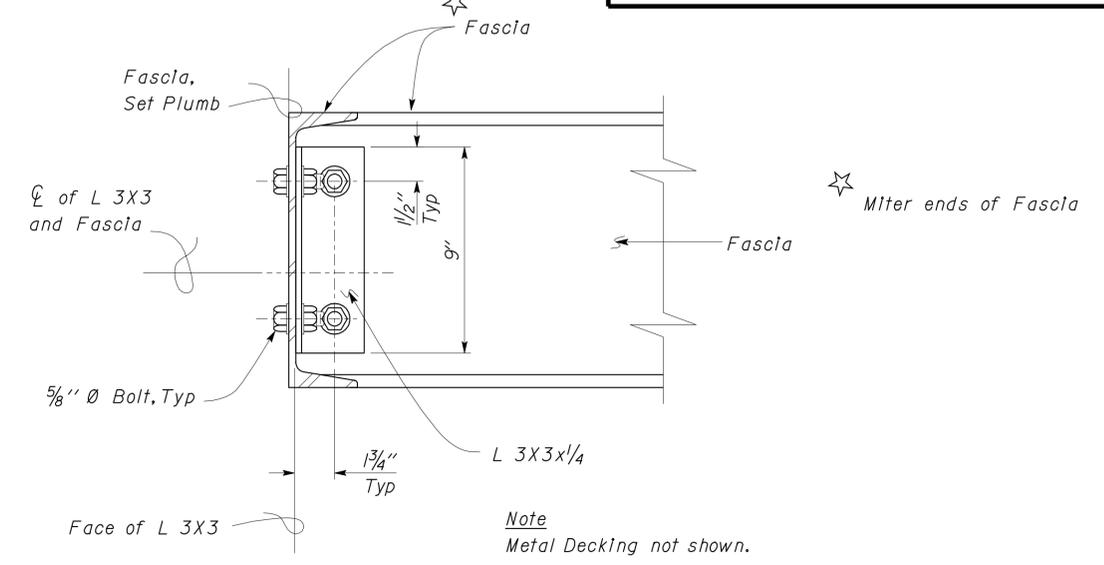
9-19-11
 PLANS APPROVAL DATE
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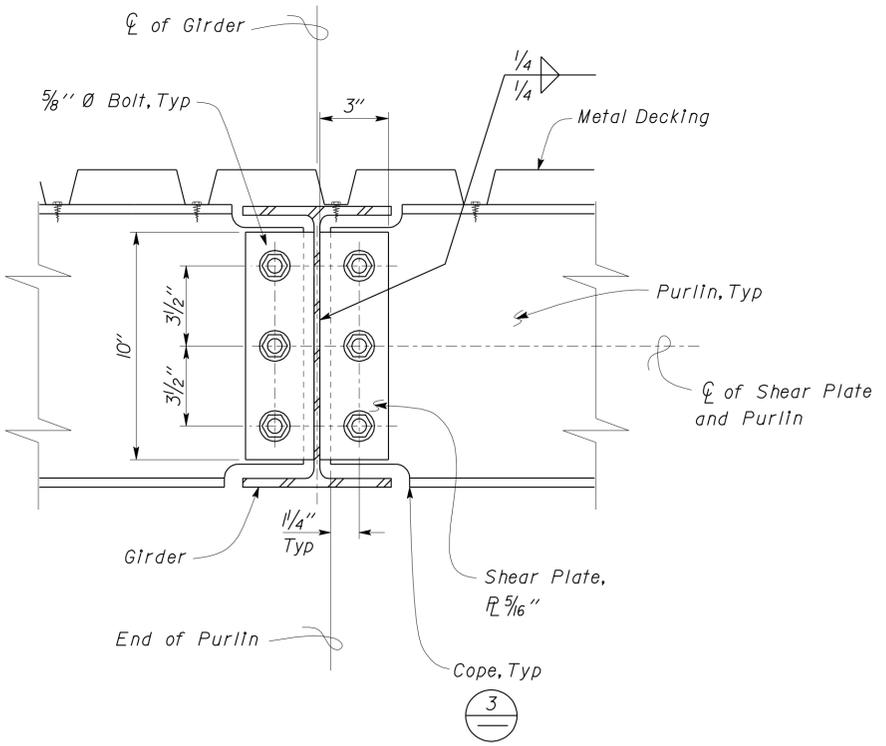
1 GIRDER TO FASCIA CONNECTION
Scale 3" = 1' - 0"



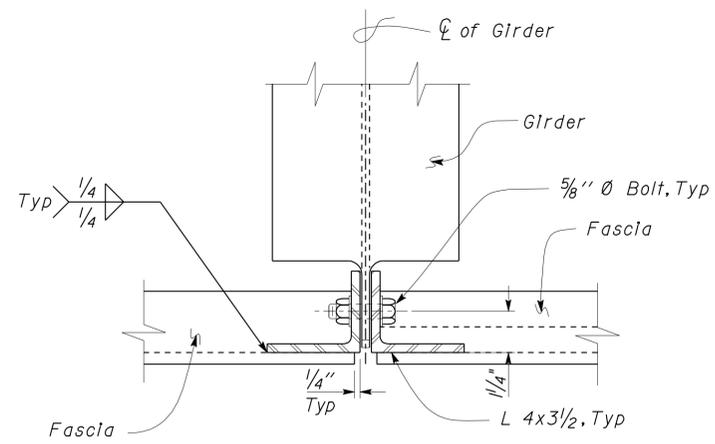
3 GIRDER OR PURLIN COPING DETAIL
Scale 3" = 1' - 0"



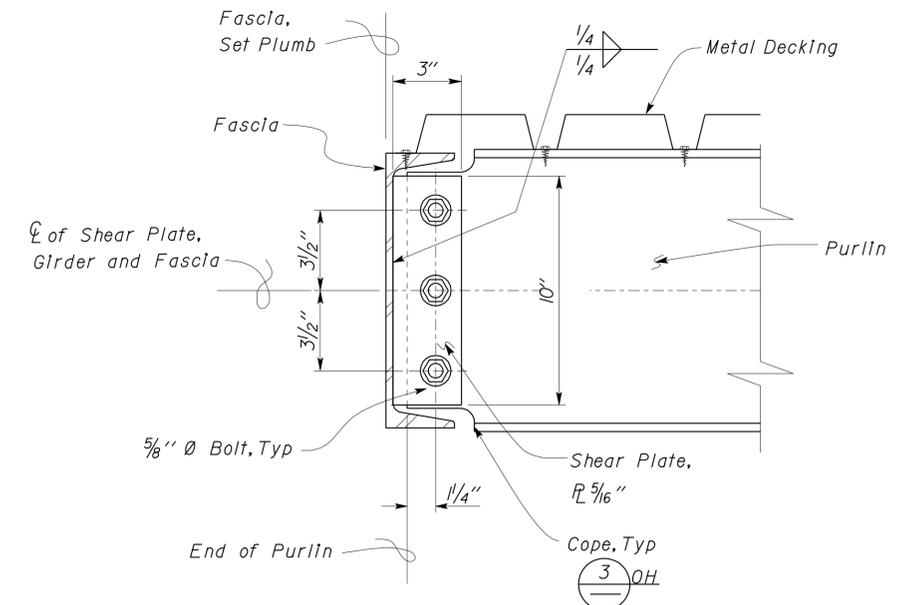
5 FASCIA TO FASCIA CONNECTION
Scale 3" = 1' - 0"



2 PURLIN TO GIRDER CONNECTION
Scale 3" = 1' - 0"



4 GIRDER TO FASCIA CONNECTION
Scale 3" = 1' - 0"



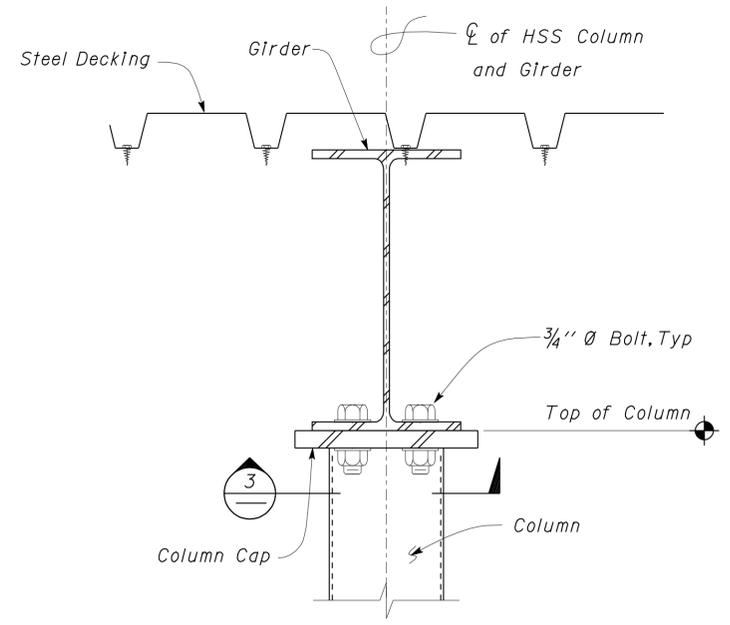
6 PURLIN TO FASCIA CONNECTION
Scale 3" = 1' - 0"

TAEMWW Imperial Rev. 7/10	DESIGN	BY Sean Samuel	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET ST1-9
	DETAILS	BY Janice Fujii	CHECKED Sean Samuel		ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 73.85		STORAGE BINS & BUNKER
	QUANTITIES				UNIT 3599	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	PROJECT NUMBER & PHASE 09000001381	EA 342401	07-29-10 10-13-10 10-28-10 11-09-10 11-19-10	

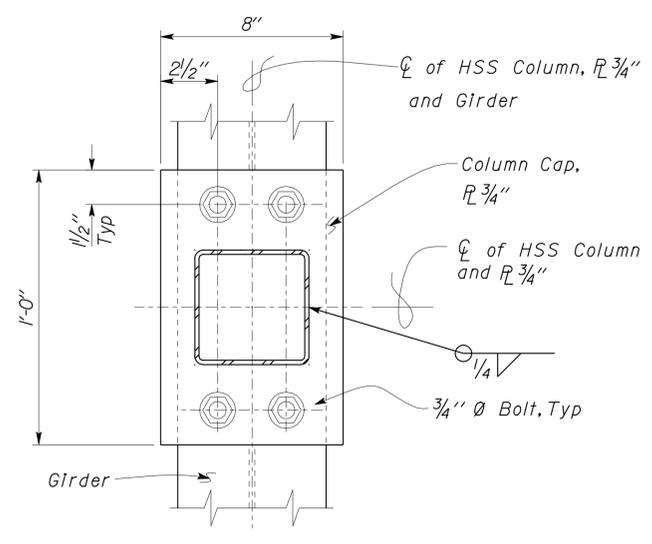
19-SEP-2011 15:05

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		52	55

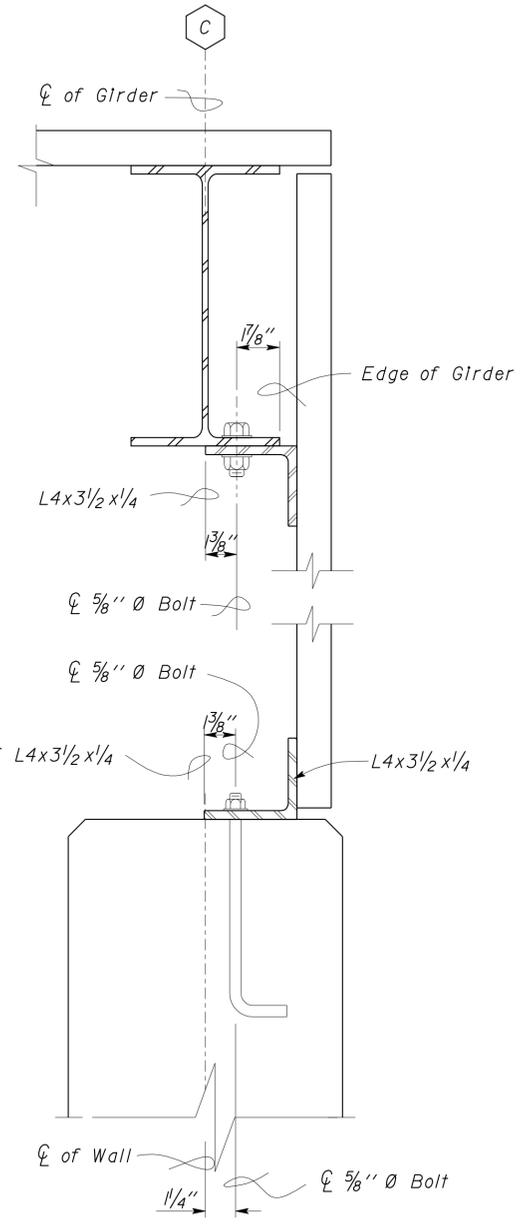
	12-14-10 DATE
9-19-11 PLANS APPROVAL DATE	
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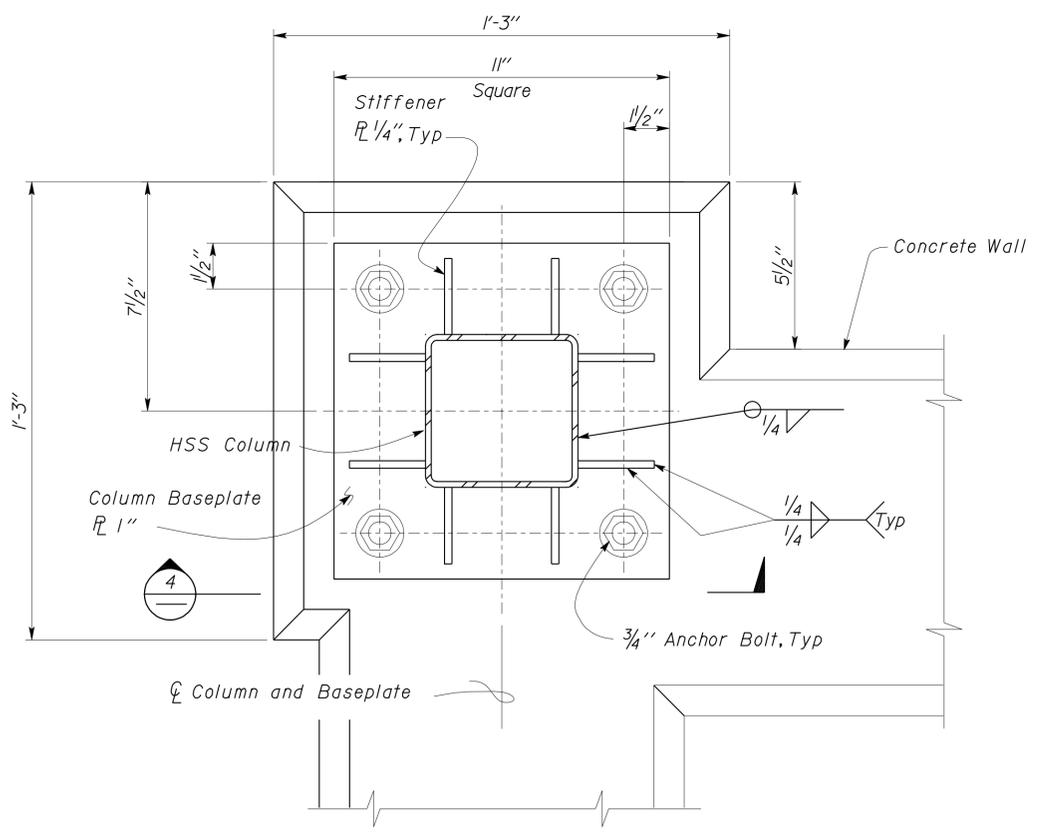
1 COLUMN TO GIRDER CONNECTION
Scale 3" = 1'-0"



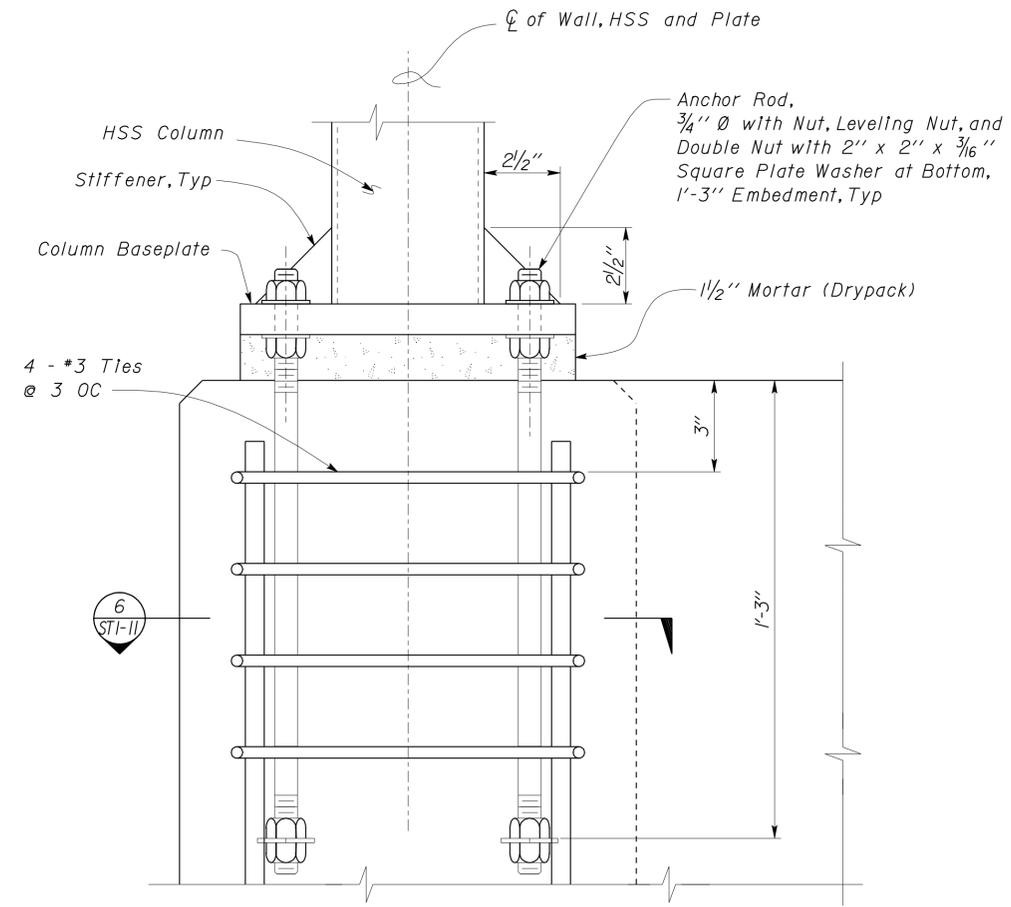
3 COLUMN CAP DETAIL
Scale 3" = 1'-0"



5 GIRDER TO ANGLE PLATE DETAIL
Scale 3" = 1'-0"



2 HSS COLUMN BASE PLATE PLAN
Scale 4" = 1'-0"

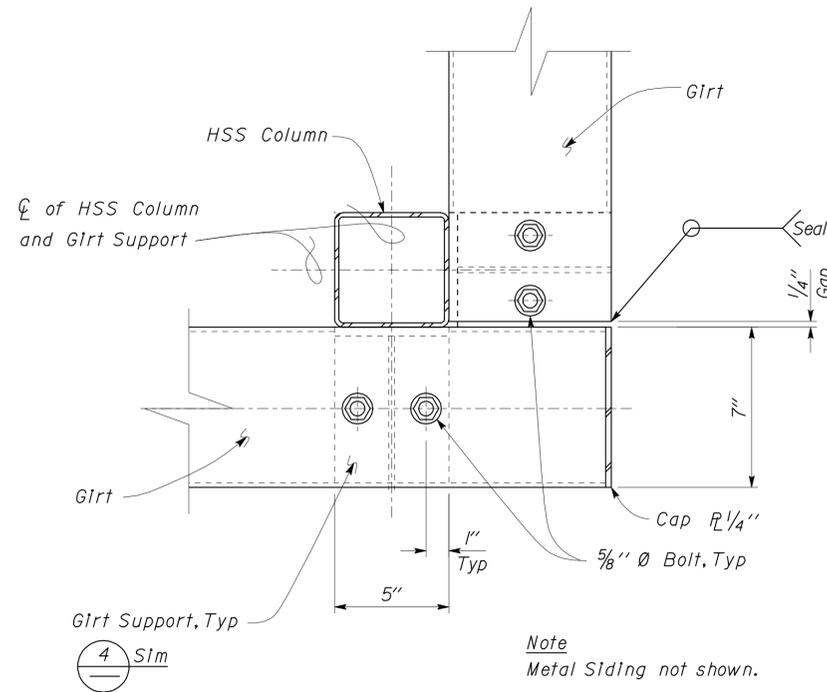


4 PLATE TO WALL CONNECTION
Scale 4" = 1'-0"

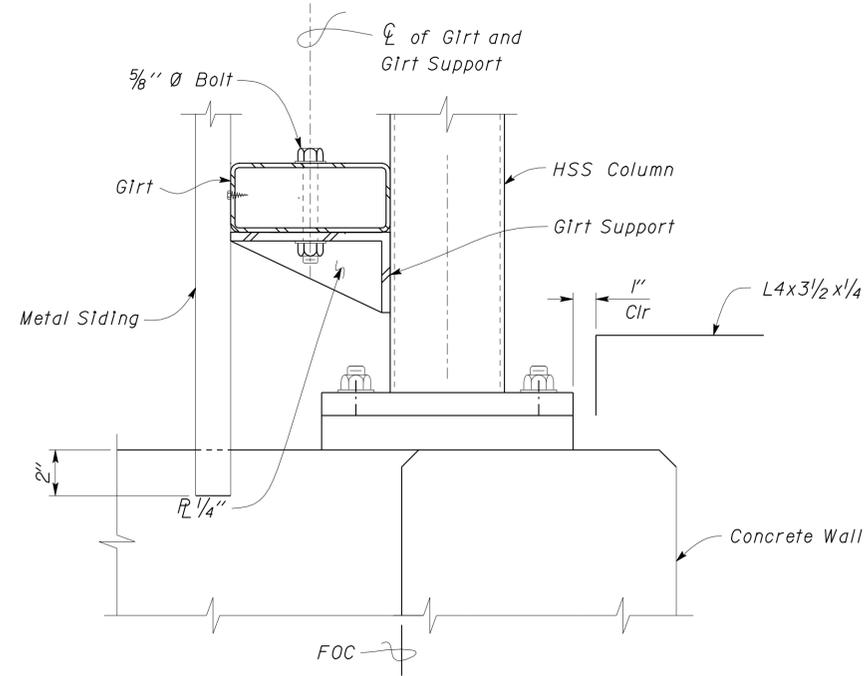
DESIGN	BY Sean Samuel	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 48M5709	INDEPENDENCE MAINTENANCE STATION	SHEET ST1-10
	DETAILS	BY Janice Fujii			CHECKED Sean Samuel		
QUANTITIES	BY	CHECKED	UNIT PROJECT NUMBER & PHASE EA 342401	3599 09000001381	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE	EA 342401	11-22-10 08-23-10 09-21-10 09-28-10 10-05-10 10-13-10 10-25-10 10-28-10 11-19-10	15 OF 15

19-SEP-2011 15:06

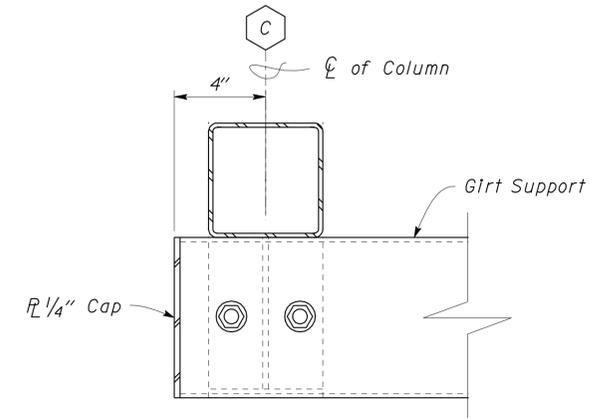
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		53	55
 REGISTERED CIVIL ENGINEER			12-14-10 DATE		
9-19-11 PLANS APPROVAL DATE					
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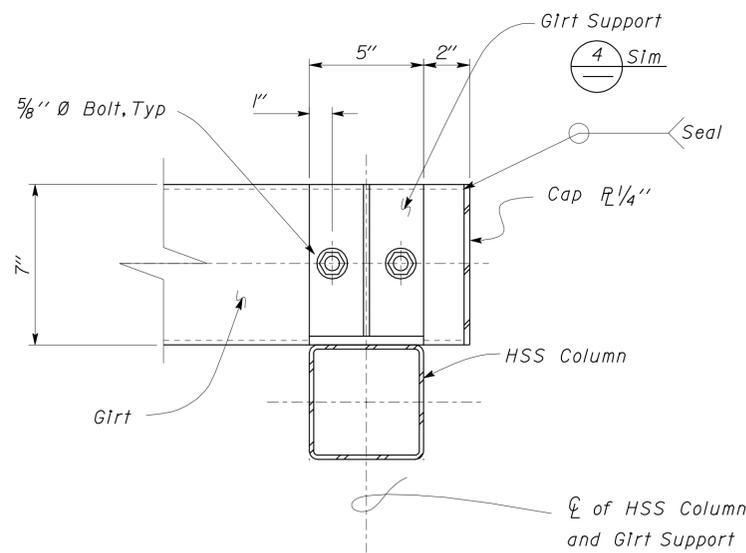
1 GIRT TO COLUMN DETAIL
Scale 3" = 1' - 0"



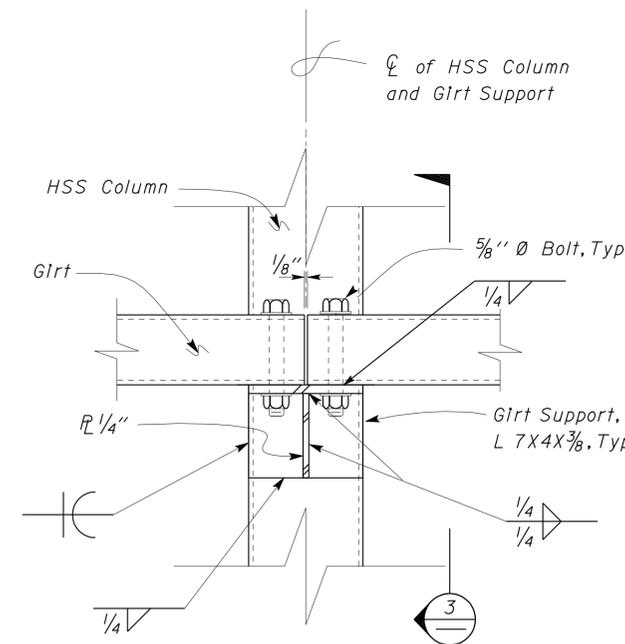
3 GIRT SUPPORT TO HSS COLUMN DETAIL
Scale 3" = 1' - 0"



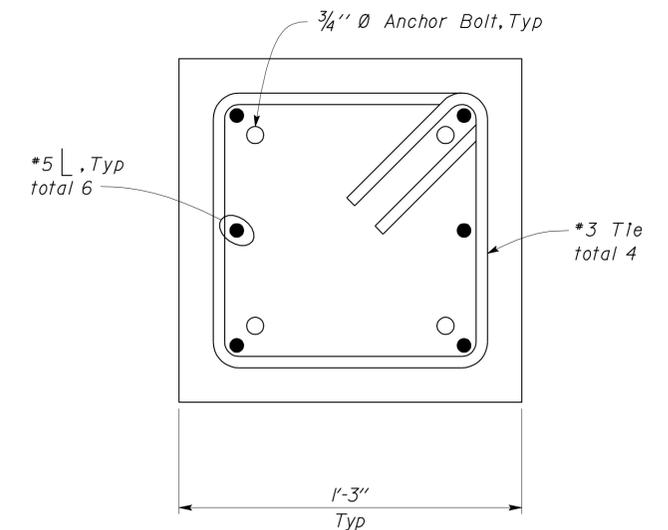
5 GIRT TO COLUMN DETAIL
Scale 3" = 1' - 0"



2 GIRT TO COLUMN DETAIL
Scale 3" = 1' - 0"



4 GIRT SUPPORT TO HSS COLUMN DETAIL
Scale 3" = 1' - 0"



6 PILASTER REINFORCEMENT
Scale 3" = 1' - 0"

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	48M5709
POST MILE	73.85

INDEPENDENCE MAINTENANCE STATION
STORAGE BINS & BUNKER
CANOPY DETAILS 3

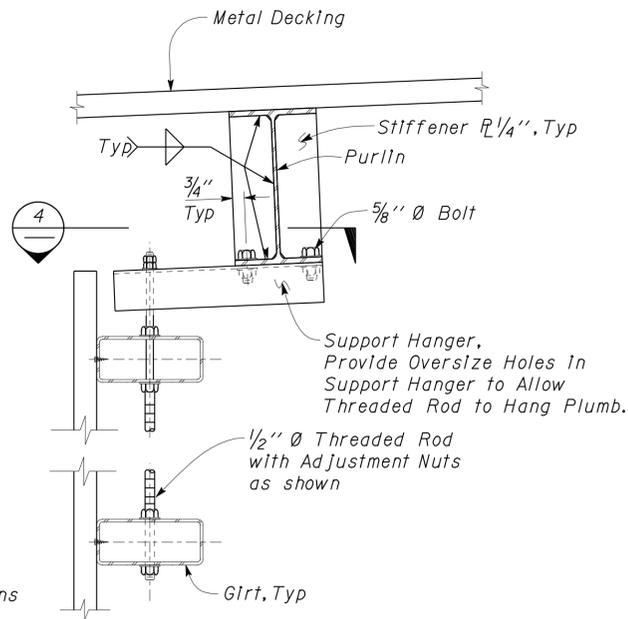
SHEET **ST1-11**

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		54	55

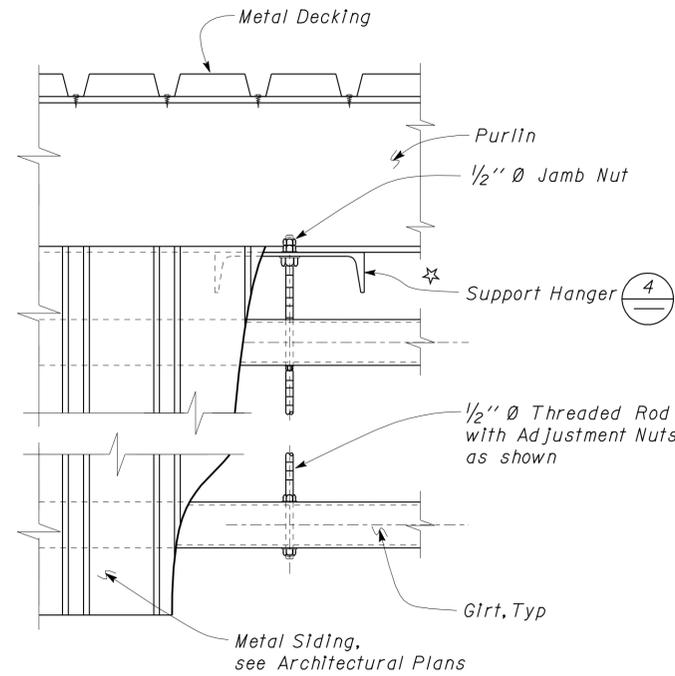

 REGISTERED CIVIL ENGINEER
 DATE 12-14-10
 PLANS APPROVAL DATE 9-19-11



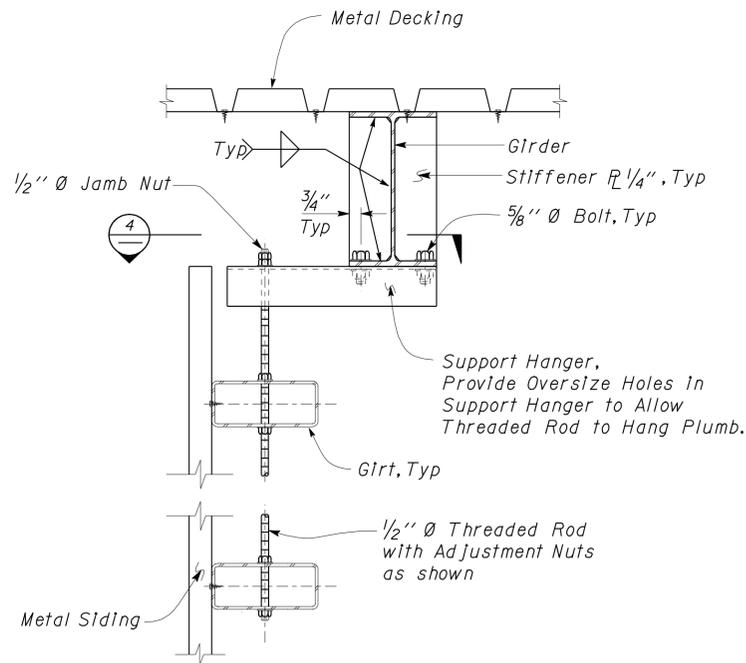
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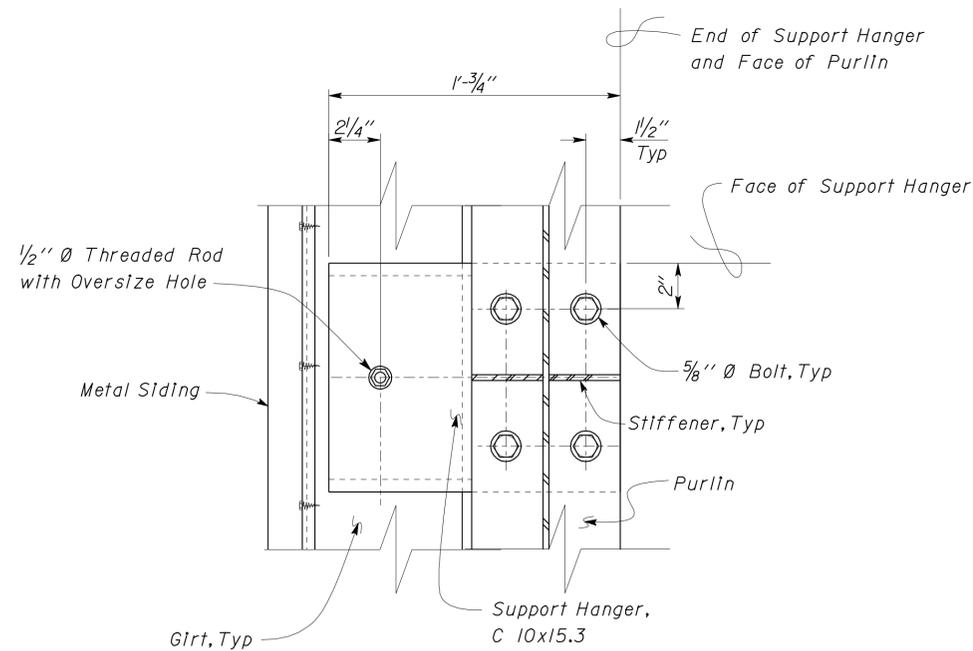
1 GIRT AND METAL DECKING SECTION
Scale 2" = 1' - 0"



3 GIRT AND METAL DECKING DETAILS
Scale 2" = 1' - 0"



2 GIRT AND METAL DECKING SECTION
Scale 2" = 1' - 0"



4 GIRT SUPPORT DETAIL
Scale 3" = 1' - 0"

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

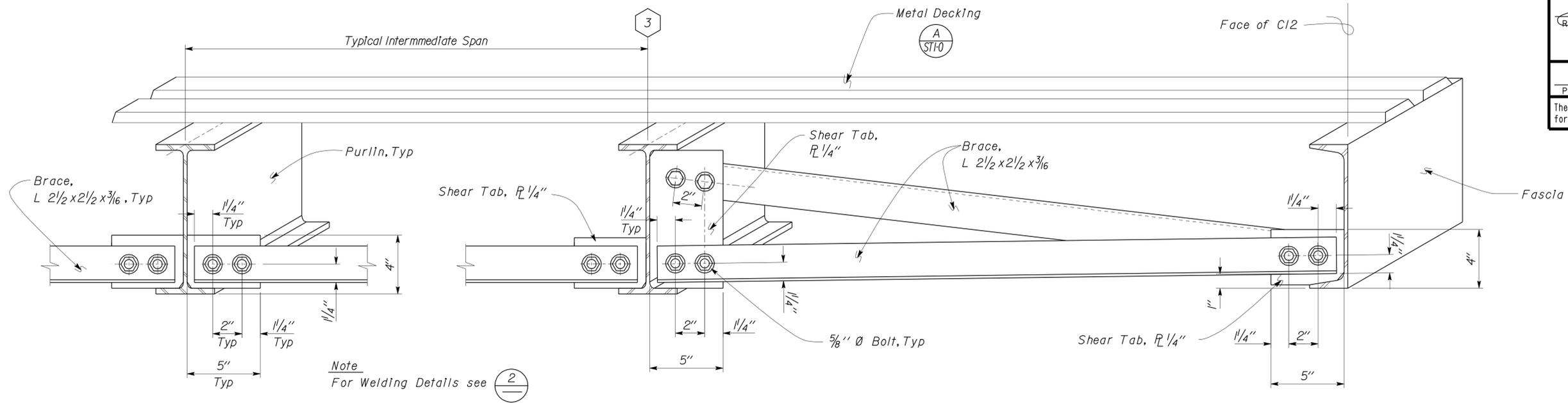
BRIDGE NO. 48M5709
POST MILE 73.85

INDEPENDENCE MAINTENANCE STATION
STORAGE BINS & BUNKER
CANOPY DETAILS 4

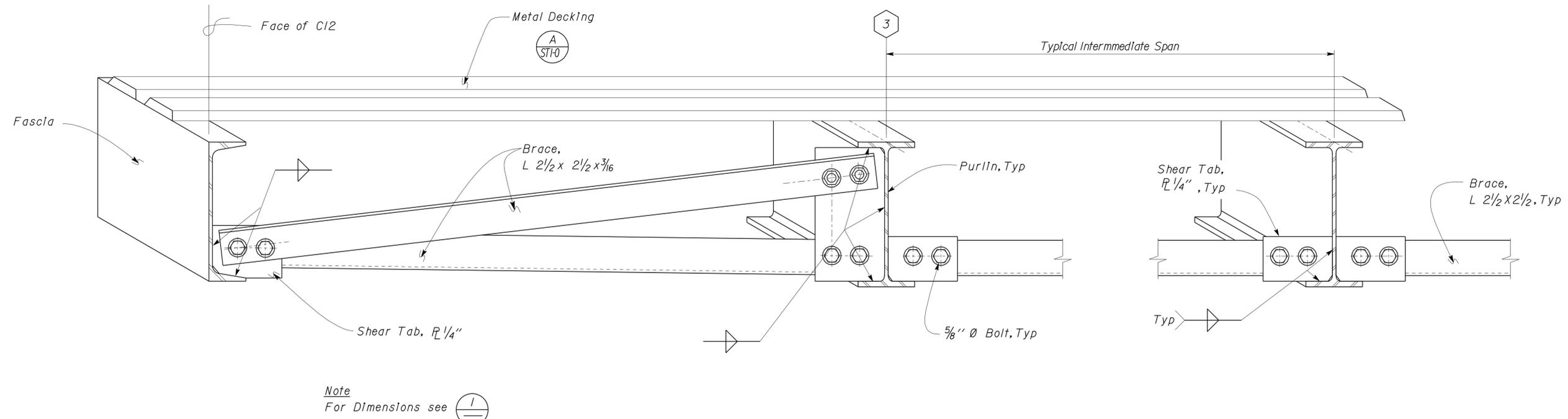
SHEET **ST1-12** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny	5709		55	55

Sean Samuel
 REGISTERED CIVIL ENGINEER
 DATE 12-14-10
 PLANS APPROVAL DATE 9-19-11
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1 CANOPY BRACE CONNECTION DETAIL
 Scale 3" = 1' - 0"



2 CANOPY BRACE WELDING DETAIL
 Scale 3" = 1' - 0"

DESIGN	BY Sean Samuel	CHECKED Justin Uyehara
DETAILS	BY Janice Fujii	CHECKED Sean Samuel
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 48M5709
 POST MILE 73.85

INDEPENDENCE MAINTENANCE STATION
 STORAGE BINS & BUNKER
CANOPY DETAILS 5

SHEET **ST1-13** OF