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BUILDING PLANS

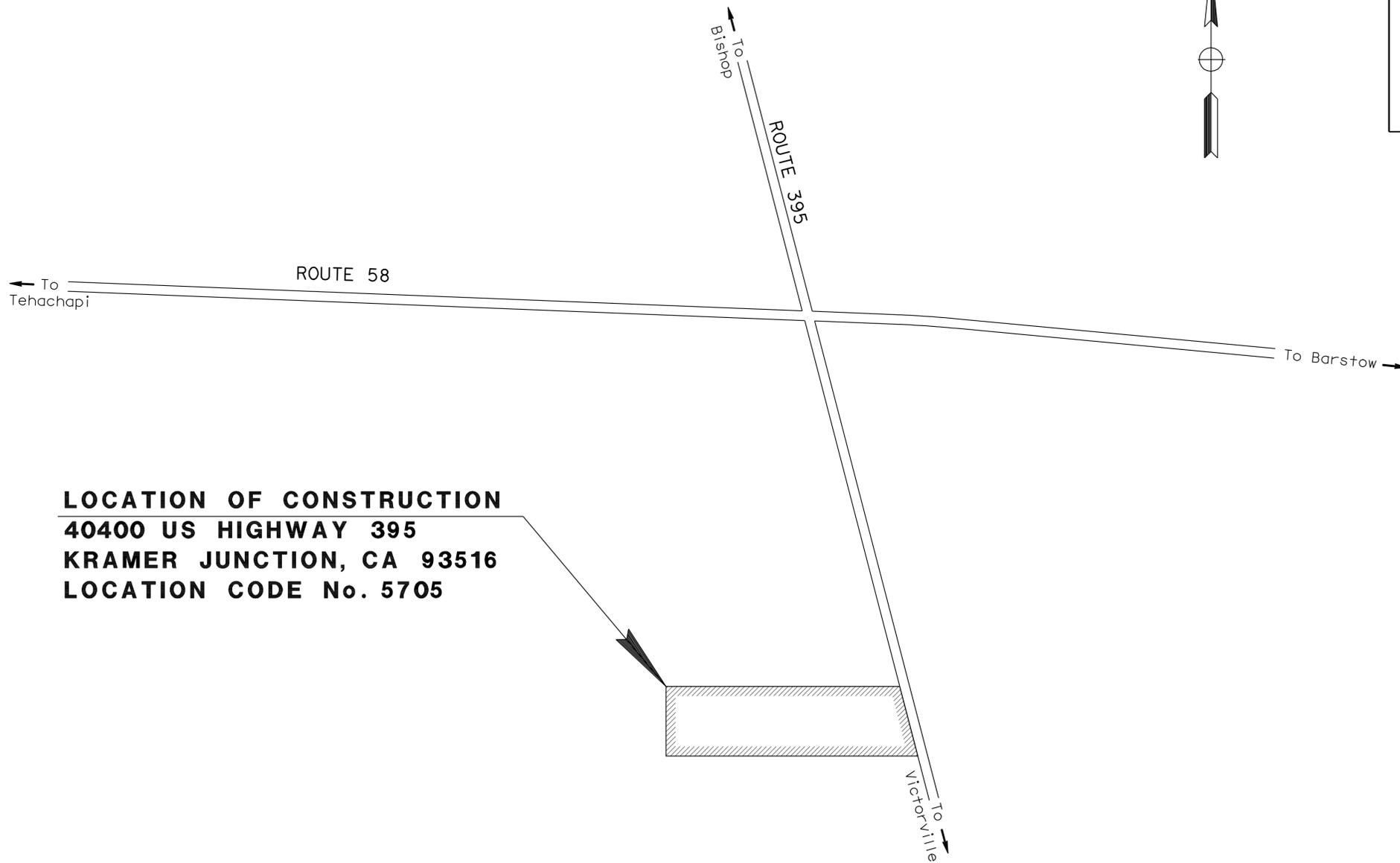
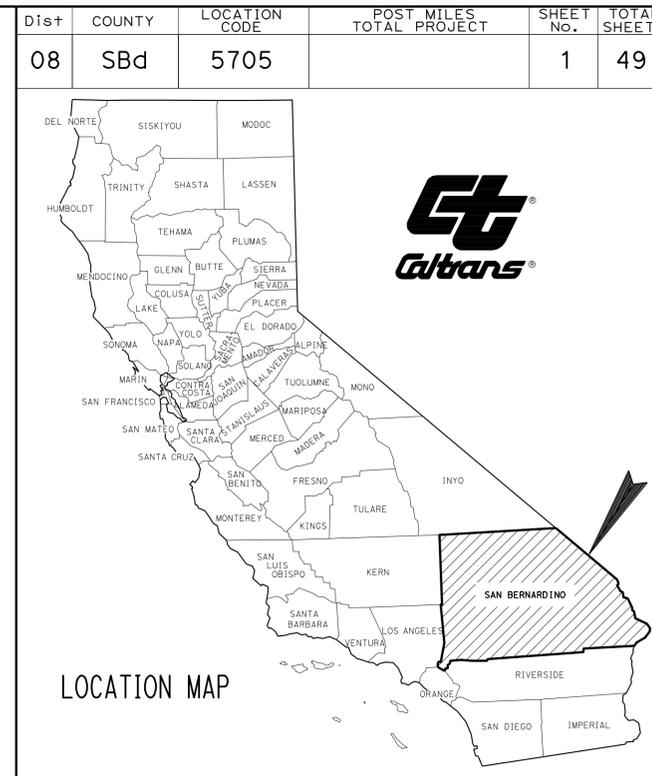
21	GENERAL PLAN
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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR BUILDING CONSTRUCTION
IN SAN BERNARDINO COUNTY
ADJACENT TO ROUTE 395
0.4 MILE SOUTH OF ROUTE 58 JUNCTION
AT BEECHERS CORNERS MAINTENANCE STATION
AT 40400 US HIGHWAY 395
KRAMER JUNCTION, CA 93516

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATION OF CONSTRUCTION
40400 US HIGHWAY 395
KRAMER JUNCTION, CA 93516
LOCATION CODE No. 5705

NO SCALE

PROJECT MANAGER	MUSTAPHA IAALI
DESIGN ENGINEER	MICHAEL RISTIC

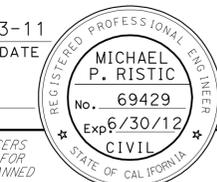
THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

Michael P. Ristic 12-13-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

March 14, 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.	08-0E3104
PROJECT ID	080000081

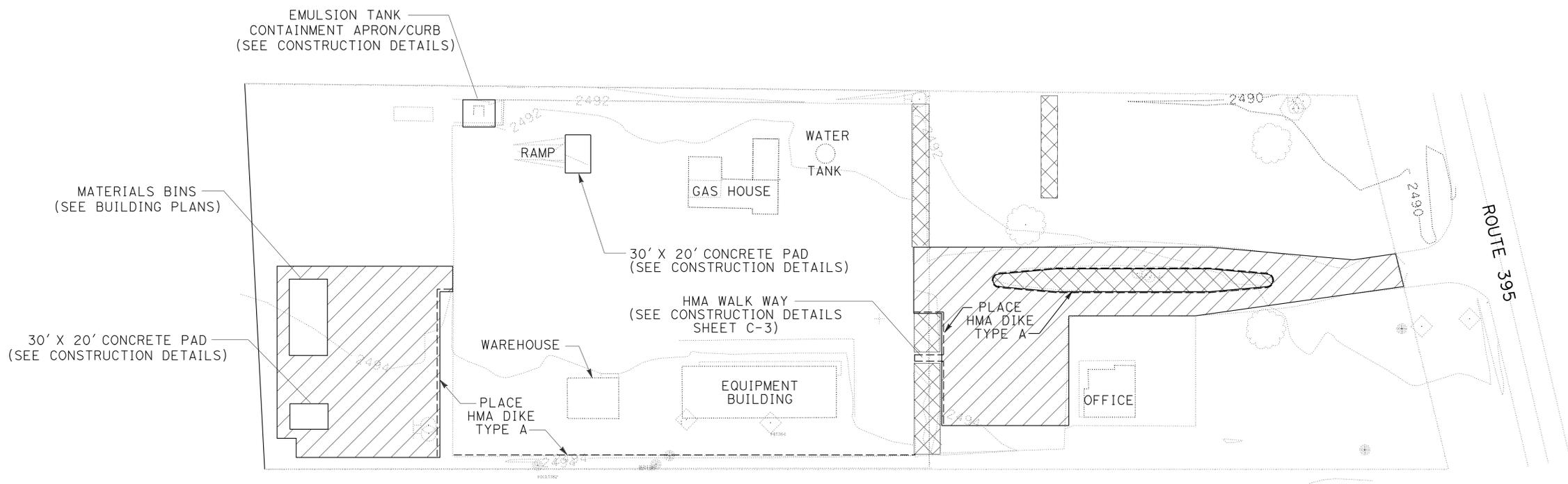
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		2	49
 REGISTERED CIVIL ENGINEER			02-03-11	DATE	
			3-14-11	PLANS APPROVAL DATE	
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
					

NOTES:

1. FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT THE DISTRICT OFFICE.
2. THE CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING PULL BOXES AND ELECTRICAL SYSTEMS.
3. PROTECT IN PLACE EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING AND/OR EXCAVATING, ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND/OR REPLACED IN KIND AT NO COST TO THE STATE.

LEGEND

-  AREA TO BE PAVED
-  TYPE A DIKE
-  GRAVEL (Misc AREAS)

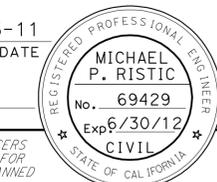


ROUTE 395

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY: CHECKED BY:
 RHEA VILLARAMA MICHAEL P. RISTIC
 REVISED BY: DATE REVISED:

LAYOUT
SCALE: 1" = 50'

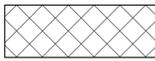
L-1

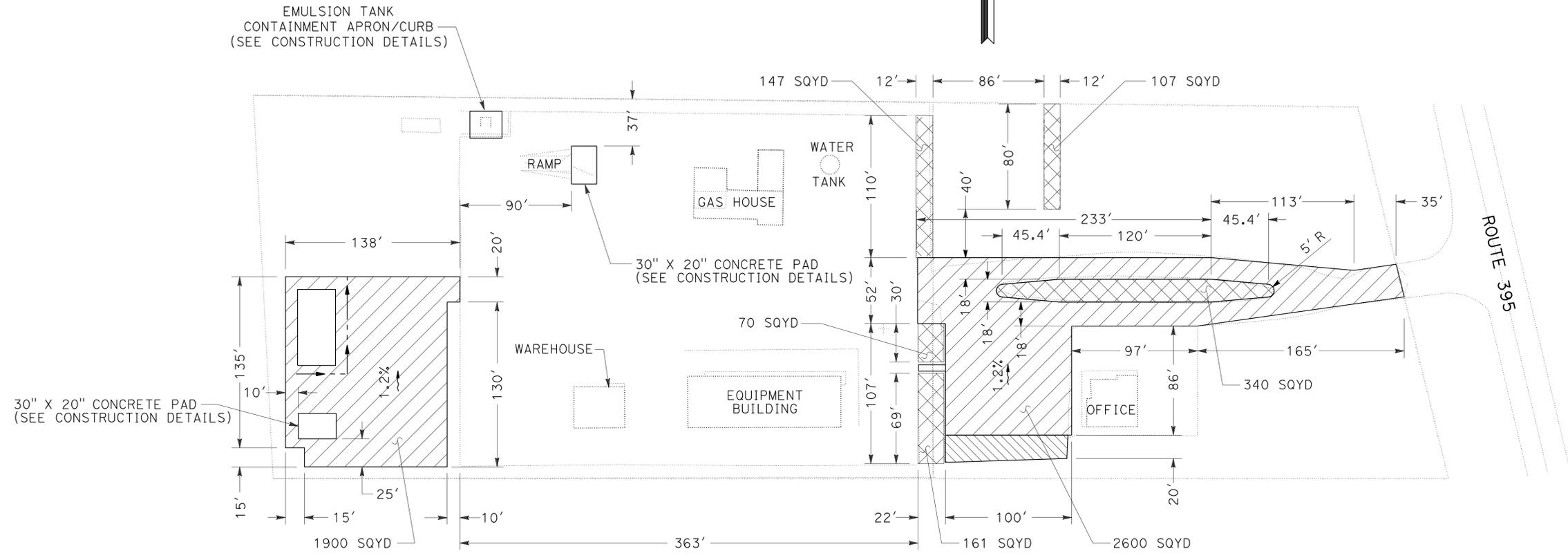
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		3	49
 REGISTERED CIVIL ENGINEER DATE 02-03-11					
PLANS APPROVAL DATE 3-14-11					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

NOTE:

1. EXACT LIMITS OF PAVEMENT AND LOCATION OF PADS ARE DIMENSIONED OR AS DETERMINED BY THE ENGINEER.

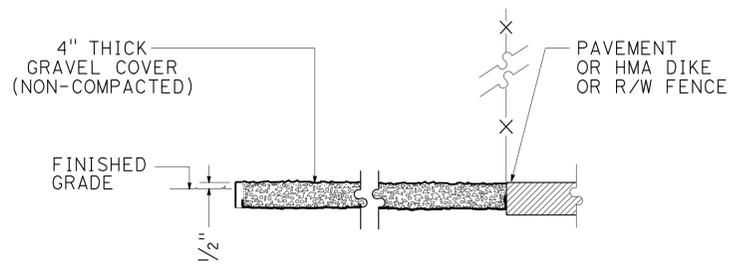
LEGEND

	AREA TO BE PAVED
	PAVEMENT TO BE REMOVED
	GRAVEL (Misc AREAS)
	FLOW LINE



PLAN VIEW

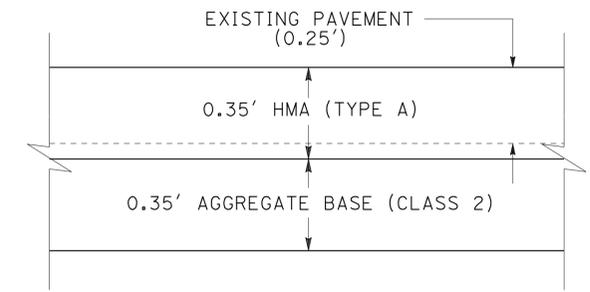
SCALE: 1" = 50'



TYPICAL SECTION

GRAVEL (Misc AREAS)

NO SCALE



STRUCTURAL SECTION DETAIL

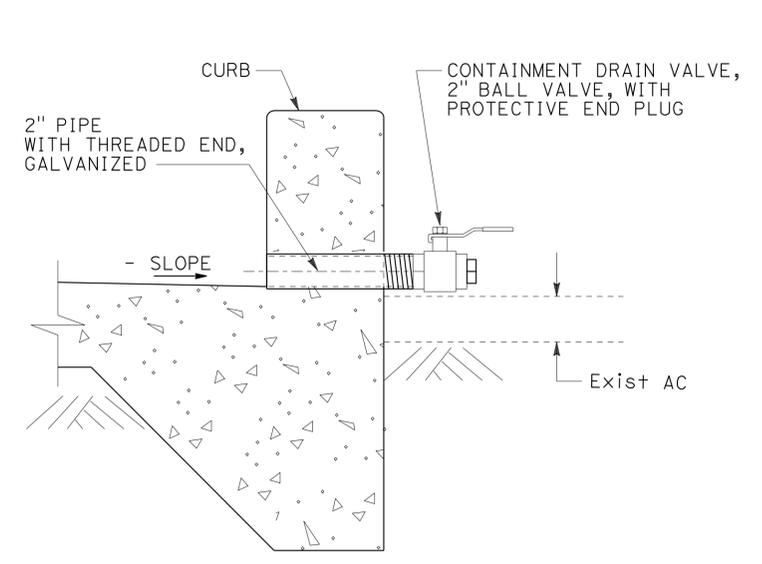
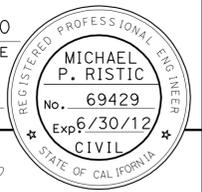
NO SCALE

CONSTRUCTION DETAILS

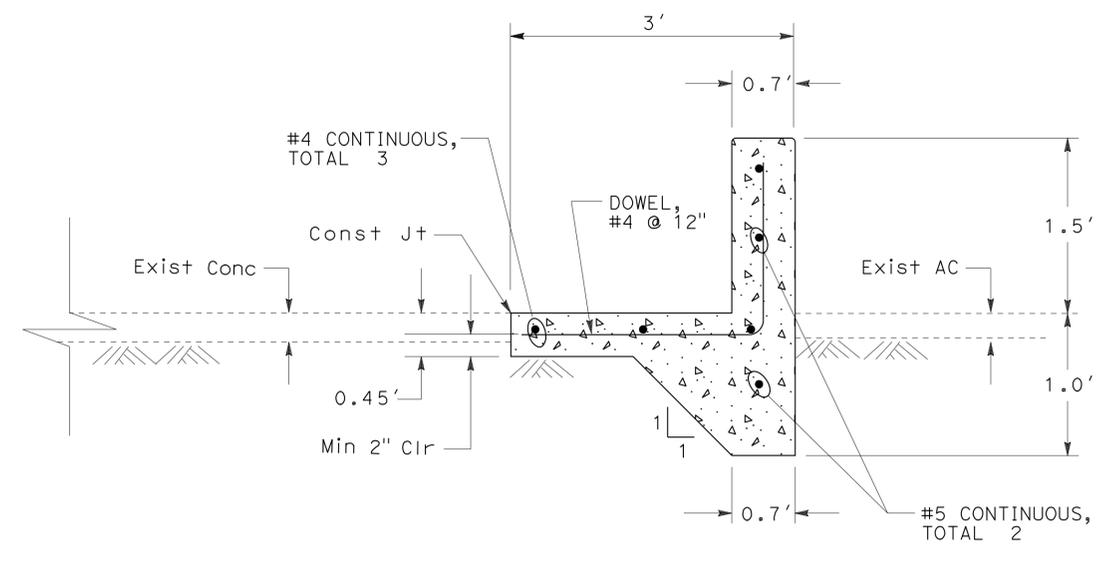
SCALE AS SHOWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY: CHECKED BY:
 RHEA VILLARAMA MICHAEL P. RISTIC
 REVISED BY: DATE REVISED:
 x x x x x x

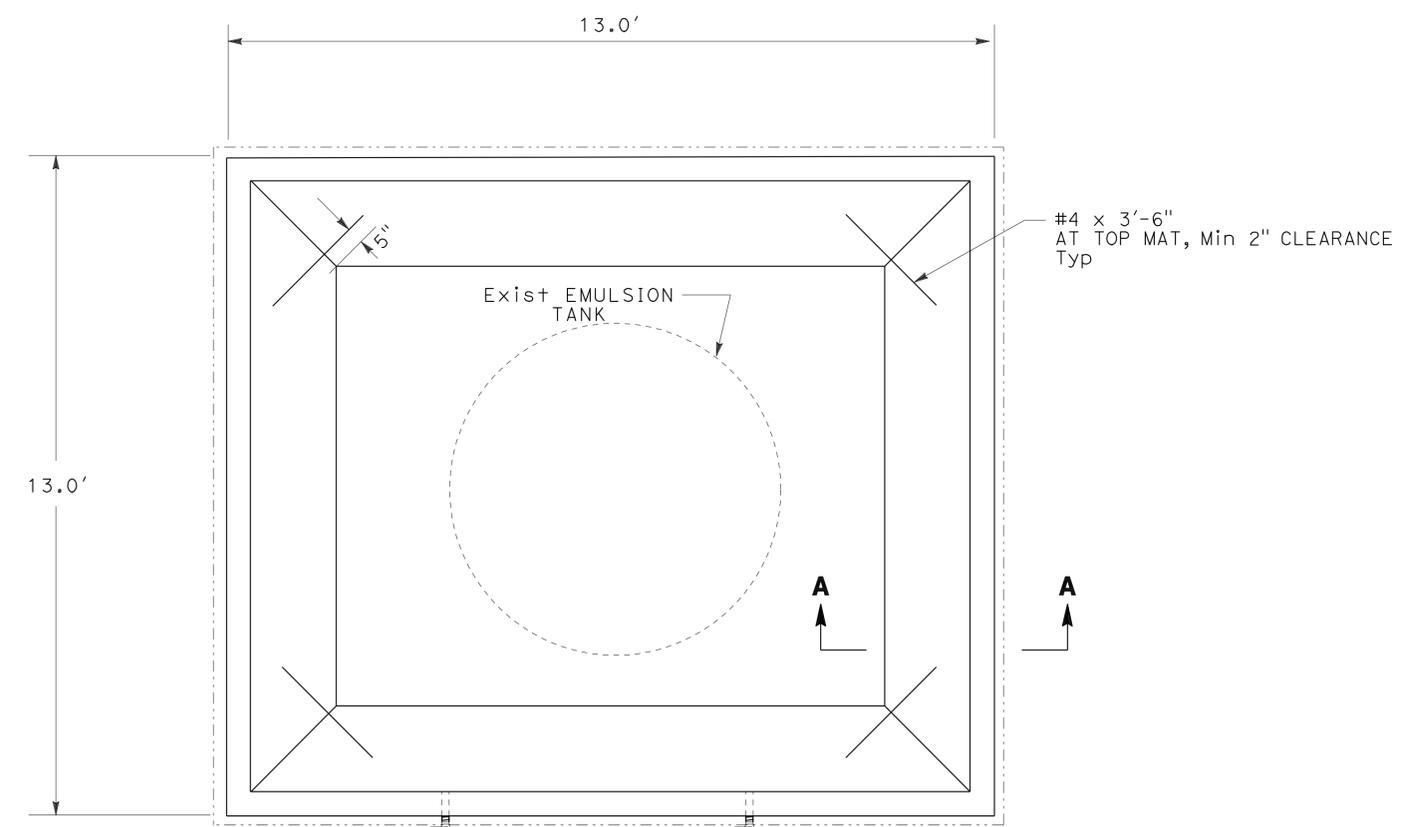
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		4	49
 REGISTERED CIVIL ENGINEER			12-13-10	DATE	
3-14-11 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



CONTAINMENT DRAIN VALVE DETAIL



SECTION A-A



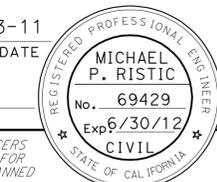
CONTAINMENT DRAIN VALVE
PLACED AT LOW POINT
(SEE DETAIL)

CONTAINMENT APRON/CURB PLAN

CONSTRUCTION DETAILS

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans MAINTENANCE DESIGN	MICHAEL P. RISTIC	MICHAEL P. RISTIC	RHEA VILLARAMA	
		CHECKED BY	DATE REVISOR	
			MICHAEL P. RISTIC	

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		5	49
 REGISTERED CIVIL ENGINEER DATE 02-03-11					
PLANS APPROVAL DATE 3-14-11					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

NOTE:

1. SAW CUT LINE ON CONCRETE PAD SHALL BE A MINIMUM OF 2" AND A MAXIMUM OF 3.5" DEEP.

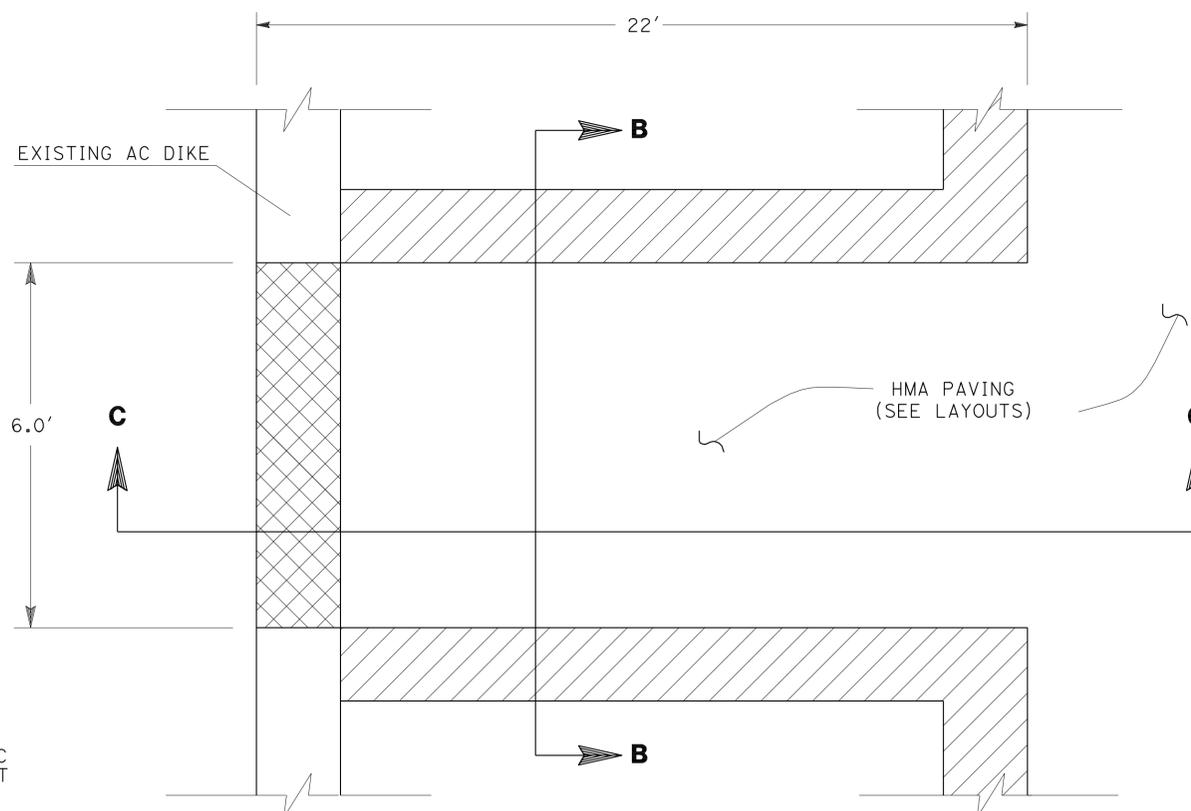
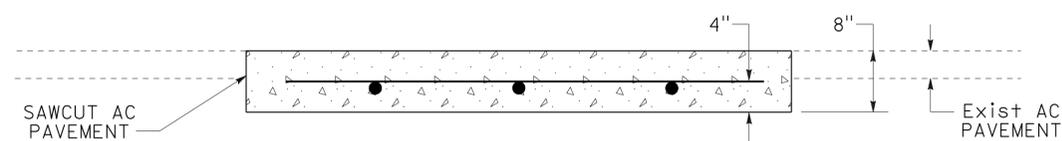
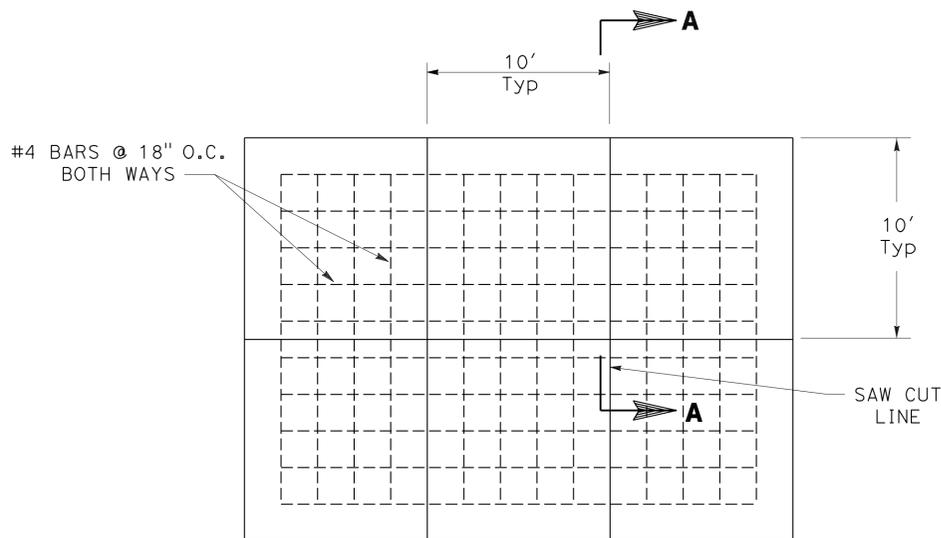
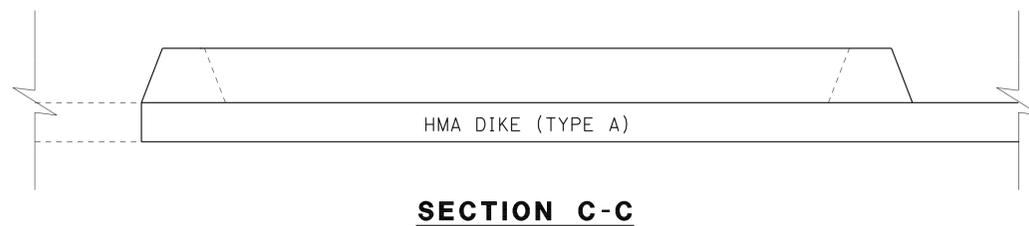
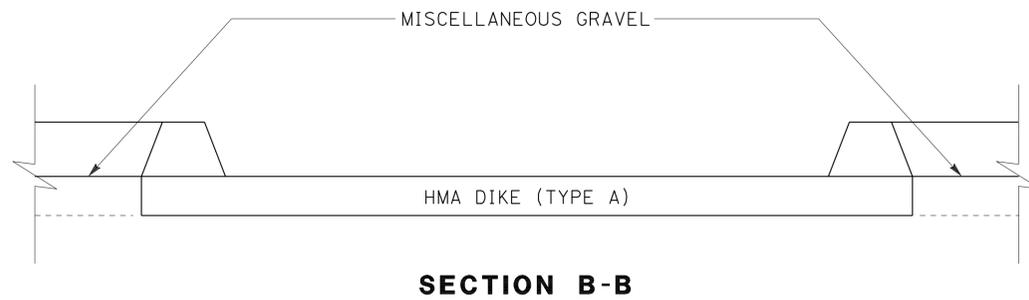
LEGEND



REMOVE EXISTING AC DIKE



HMA DIKE (TYPE A)



20' x 30' CONCRETE PAD DETAIL

HMA WALKWAY DETAIL

(SEE STRUCTURAL SECTION)

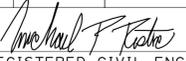
CONSTRUCTION DETAILS

NO SCALE

C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY: CHECKED BY:
 RHEA VILLARAMA MICHAEL P. RISTIC
 REVISED BY: DATE REVISED:

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		6	49

 02-03-11
 REGISTERED CIVIL ENGINEER DATE

3-14-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 MICHAEL P. RISTIC
 No. 69429
 Exp 6/30/12
 CIVIL
 STATE OF CALIFORNIA

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

PAVEMENT QUANTITIES

ROADWAY EXCAVATION	1050 CY
HOT MIX ASPHALT (TYPE A)	1100 TON
CLASS 2 AGGREGATE BASE	525 CY
LIQUID ASPHALT (PRIME COAT)	4 TON

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

CONTAINMENT APRON/CURB	4.9 CY
30' X 20' CONCRETE PADS	29.6 CY
TOTAL	34.5 CY

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

TEMPORARY CONSTRUCTION ENTRANCE	1 EA
---------------------------------	------

MISCELLANEOUS QUANTITIES

HMA DIKE TYPE A	1095 LF
REMOVE AC DIKE	6 LF
GRAVEL (Misc AREA)	825 SQYD

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY: CHECKED BY:
 RHEA VILLARAMA
 MICHAEL P. RISTIC
 REVISED BY: DATE REVISED:



PLANT LIST AND PLANTING SPECIFICATIONS

GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (in)		BASIN TYPE	IRON SULFATE ①	SOIL AMEND ①	COMMERCIAL FERTILIZER ①		BASIN MULCH	⑥ STAKING	PLANTING LIMITS						REMARKS	
							DIA	DEPTH				PLANTING	PLT ESTB			MINIMUM DISTANCE (F+) FROM				ON CENTER (F+)			
																TRVD WAY	PVMT	FENCE	WALL		PAVED DITCH		EARTH DITCH
B	1		<u>NERIUM</u> <u>OLEANDER</u>	OLEANDER CHERRY RIPE	No. 5	34	②	②	1	—	0.5 CF	1/4LB	1/4LB	1 CF	—	—	—	—	—	—	—	5	SHRUB
U	2		<u>OLNEYA</u> <u>TESOTA</u>	DESERT IRONWOOD	No. 15	22	②	⑥	1	—	0.9 CF	1/3 LB	1/3 LB	1.7 CF	⑥	—	—	—	—	—	—	④	TREE-STANDARD
	3		<u>PROSOPSIS</u> <u>CHILENSIS</u>	CHILEAN MESQUITE TREE	No. 15	11	②	⑥	1	—	0.9 CF	1/3 LB	1/3 LB	1.7 CF	⑥	—	—	—	—	—	—	④	TREE-STANDARD
	4		<u>CERCIDIUM</u> X ' <u>DESERT MUSEUM</u> '	HYBRID PALO VERDE 'DESERT MUSEUM'	No. 15	12	②	⑥	1	—	0.9 CF	1/3 LB	1/3 LB	1.7 CF	⑥	—	—	—	—	—	—	④	TREE-STANDARD

APPLICABLE WHEN CIRCLED:

- ① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS F+² APPLICATION RATES
- ② - 2 x DIAMETER, 1x DEPTH OF ROOT BALL
- 3 - DOES NOT APPLY TO MULCH AREAS
- ④ - AS SHOWN ON PLANS
- 5 - UNLESS OTHERWISE SHOWN ON PLANS
- ⑥ - SEE DETAIL
- 7 - SEE SPECIFIED PROVISIONS

NOTE:
UNDERLINED PORTIONS OF BOTANICAL NAME INDICATE ABBREVIATIONS USED ON PLANTING PLANS

ABBREVIATIONS:

AMEND — AMENDMENT	Max — MAXIMUM
B & B — BAILED AND BURLAPPED	Min — MINIMUM
Dia — DIAMETER	NCN — NO COMMON NAME
EA — EACH	No. — NUMBER
LB — POUND	Pk+ — PACKET
OZ — OUNCE	PLT ESTB — PLANT ESTABLISHMENT
F+ — FOOT/FEET	Pvm+ — PAVEMENT
SOFT — SQUARE FEET	R/W — RIGHT OF WAY
SOYD — SQUARE YARD	SF — STATE FURNISHED
CF — CUBIC FEET	

SPRINKLER SCHEDULE

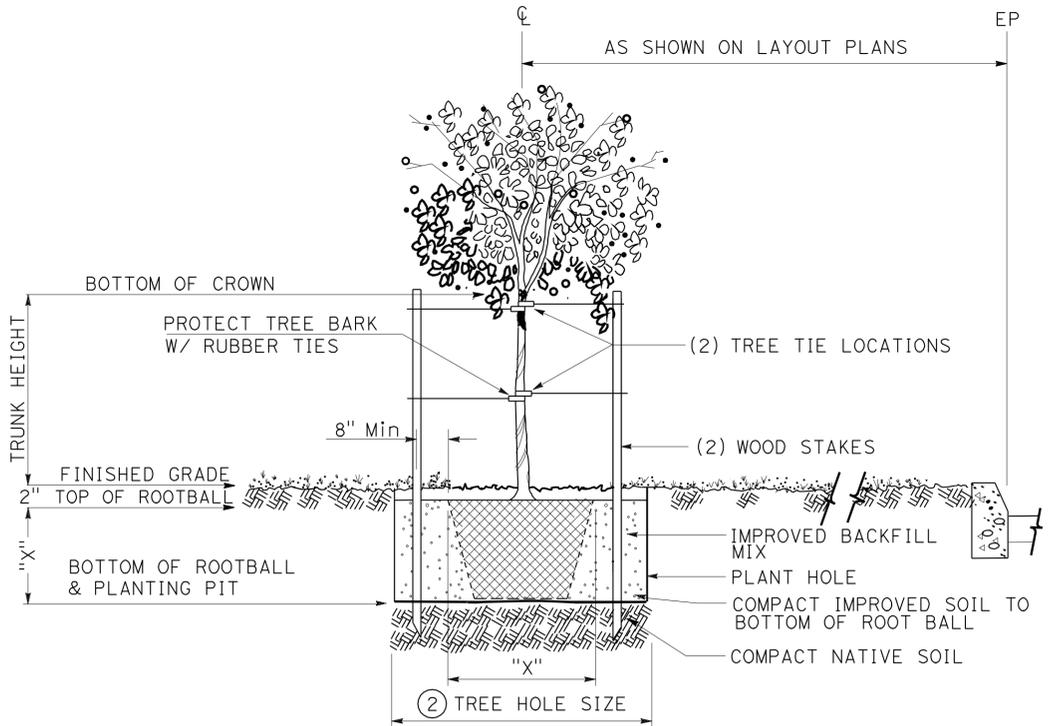
SYMBOL	TYPE	DESCRIPTION	SPRAY PATTERN	OPERATING PRESSURE (PSI)	PRESSURE COMPENSATING	PLUS/MINUS 5% ②		MATERIAL	INLET CONNECTION (NPT INCH)	POSITIVE-LOCKING ADJ ARC STOP	BACKSPASH PREVENTER	DIFFUSER PIN	DISTANCE CONTROL FLAP	ADJ DISCHARGE	RISER ⑤						REMARKS				
						GALLONS PER MINUTE (GPM)	GALLONS PER HOUR (GPH)								RADIUS (F+)	WIDTH x LENGTH (F+)	MATERIAL		SIZE (IPS INCH)	HEIGHT (INCH)		FLOW SHUTOFF DEVICE	SWING JOINT (TYPE)	RISER SUPPORT	SPRINKLER PROTECTOR (TYPE)
																	DISCHARGE	LENGTH							
● C-3	FLOOD BUBBLER			30	X	0.5			PL						V	X		1/2	2						

APPLICABLE WHEN CIRCLED BELOW:

- See Special Provisions.
- If a pressure compensating device is specified, the discharge and radii shown reflect its use.
- Arc Stop shall be fitted with a nut and bolt.
- Vinyl-coated cast iron housing.
- Swing Joints required adjacent to shoulders, curbs, sidewalks, and dikes.
- Unless otherwise shown on plans.

ABBREVIATIONS:

F — full circle	F+ — feet/foot
P — part circle	GPM — gallons per minute
F/P — full/part circle	GPH — gallons per hour
Q — quarter circle	Adj — adjustable
T — third circle	PL — plastic
H — half circle	B/B — brass/bronze
TT — two third circle	B/PL — brass/plastic
TQ — three quarter circle	B/B/PL — brass/bronze/plastic
CST — center strip	NPT — national pipe thread
SST — side strip	IPS — iron pipe size
EST — end strip	PSI — pounds per square inch



PLANT GROUP 'U' TREE PLANTING DETAIL

"X" DENOTES TREE ROOTBALL SIZE AS REQUIRED BY PLANT LIST

PLANT LIST AND SPRINKLER SCHEDULE

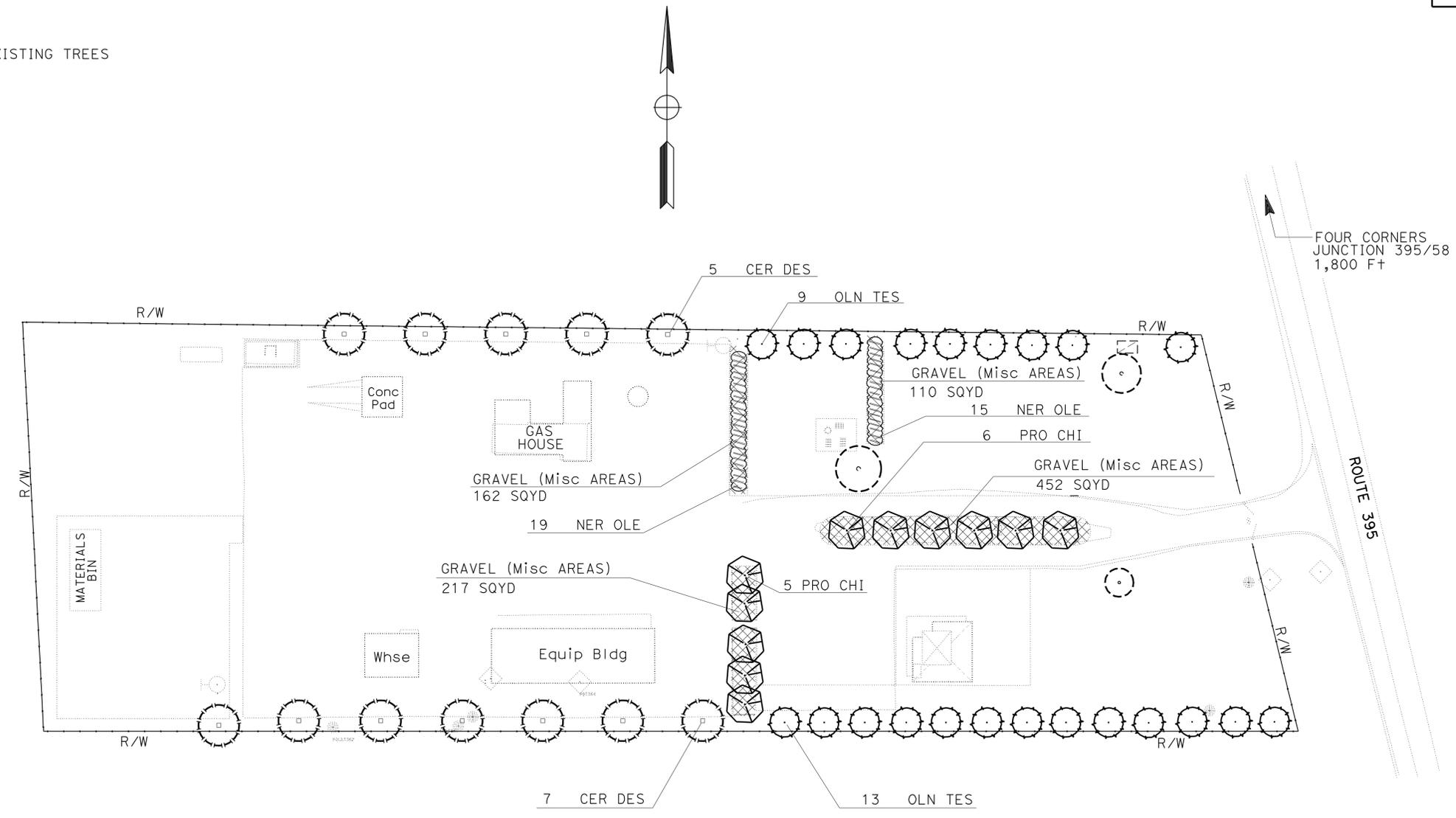
NO SCALE **PL-1**

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		8	49
<i>Michael Stivers</i> 02-03-11 LICENSED LANDSCAPE ARCHITECT			3-14-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



NOTE:
 FOR COMPLETE R/W AND ACCURATE ACCESS DATA,
 SEE R/W RECORD MAPS AT DISTRICT OFFICE.

LEGEND



FOUR CORNERS
 JUNCTION 395/58
 1,800 FT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	MICHAEL STIVERS	02-03-11
	RAY DESSELLE	
	CHECKED BY	
	RAY DESSELLE	
	DESIGNED BY	
	MICHAEL STIVERS	
	REVISOR	
	RAY DESSELLE	
	DATE	
	REVISED	

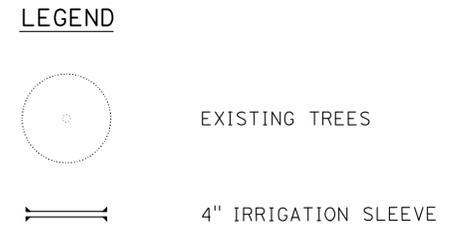
PLANTING PLAN
 SCALE: 1" = 50'

THIS PLAN ACCURATE FOR PLANTING WORK ONLY

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	5705		9	49

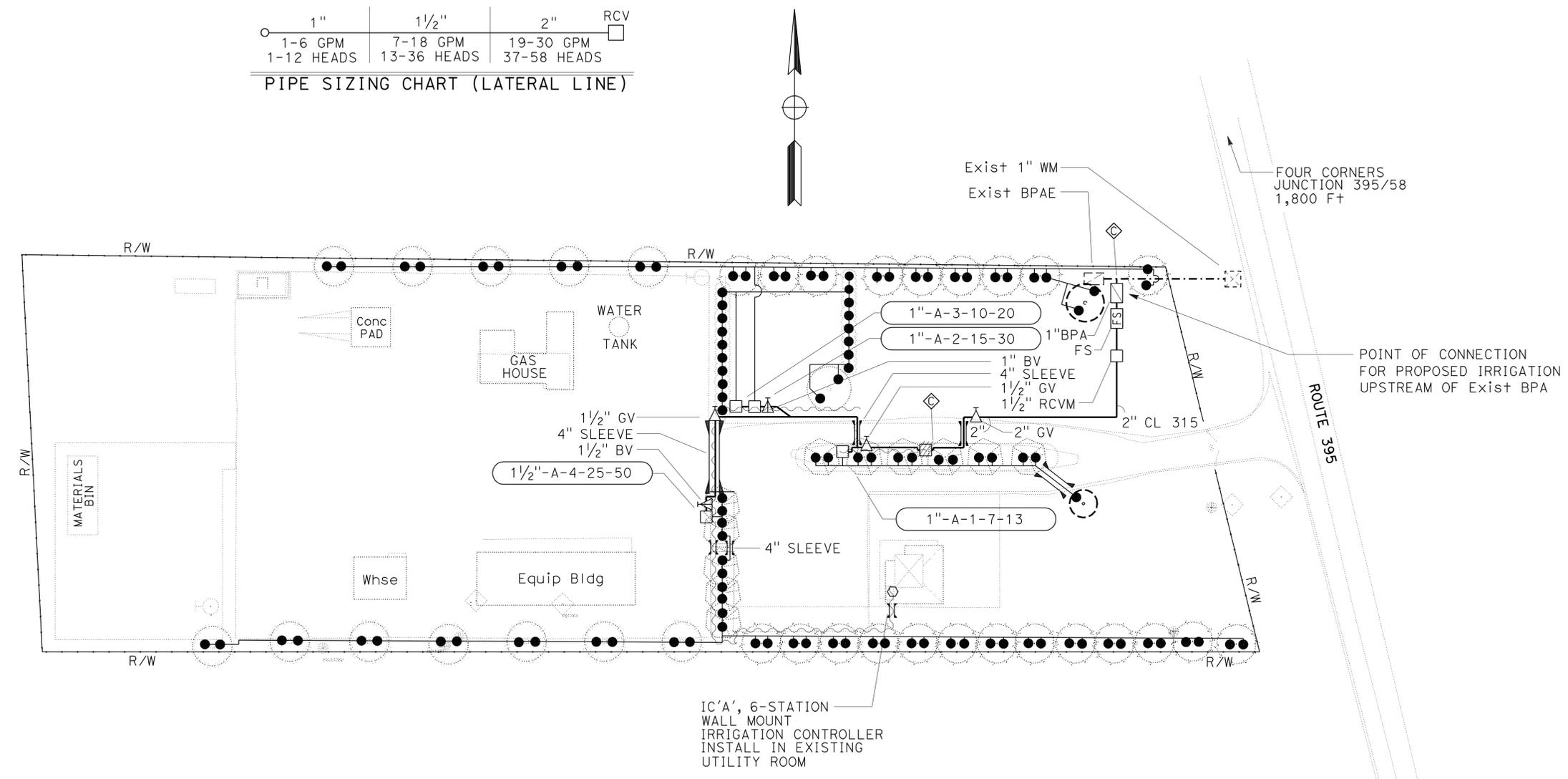
Michael Stivers 02-03-11
 LICENSED LANDSCAPE ARCHITECT
 3-14-11
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
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PIPE SIZING CHART (LATERAL LINE)

1"	1 1/2"	2"	RCV
1-6 GPM	7-18 GPM	19-30 GPM	
1-12 HEADS	13-36 HEADS	37-58 HEADS	



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT RAY DESSELLE
 CALCULATED/DESIGNED BY CHECKED BY
 MICHAEL STIVERS RAY DESSELLE
 REVISED BY DATE REVISED
 RAY DESSELLE

IRRIGATION PLAN
 SCALE: 1" = 50'

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY

IP-1

LAST REVISION DATE PLOTTED => 16-MAR-2011
 02-03-11 TIME PLOTTED => 13:49

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		10	49

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT

June 5, 2009
 PLANS APPROVAL DATE

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

To accompany plans dated 3-14-11

2006 REVISED STANDARD PLAN RSP H1

A

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

B

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

C

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

D

Dia diameter
 DIP ductile iron pipe
 DN diameter nominal

E

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

F

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

G

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

H

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

I

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

L

L length
 LF linear foot

M

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

N

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

O

O/C on center
 OD outside diameter
 Oz ounce

P

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

Q

Q quarter circle
 QCV quick coupling valve

NOTE:
 FOR ADDITIONAL ABBREVIATIONS,
 SEE STANDARD PLANS A10A AND A10B.

R

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

S

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

T

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

U

UG underground

V

VAU valve assembly unit

W

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

**PLANTING AND IRRIGATION
 ABBREVIATIONS**

NO SCALE

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

REVISED STANDARD PLAN RSP H1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		11	49

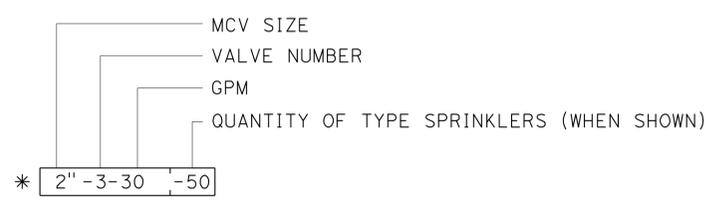
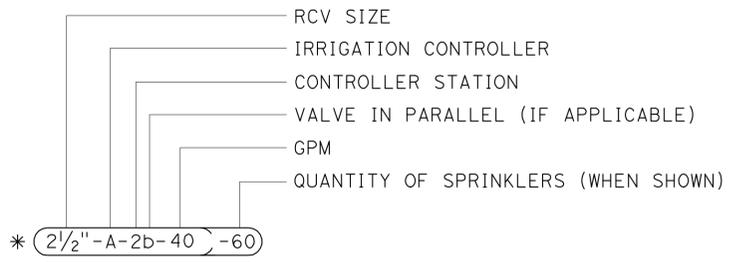
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11

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

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

VALVE CODE



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

PLANTING AND IRRIGATION SYMBOLS

NO SCALE

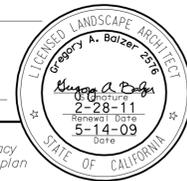
RSP H2 DATED JUNE 5, 2009 SUPERSEDES RSP H2 DATED MARCH 7, 2008 AND STANDARD PLAN H2 DATED MAY 1, 2006 - PAGE 202 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H2

2006 REVISED STANDARD PLAN RSP H2

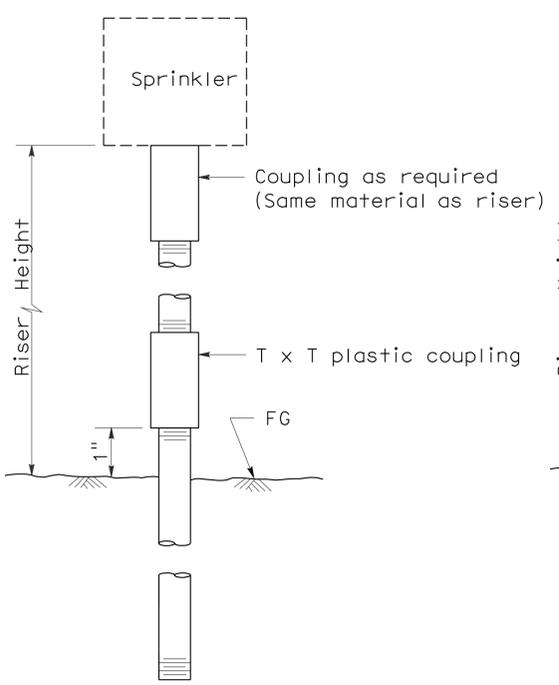
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		12	49

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

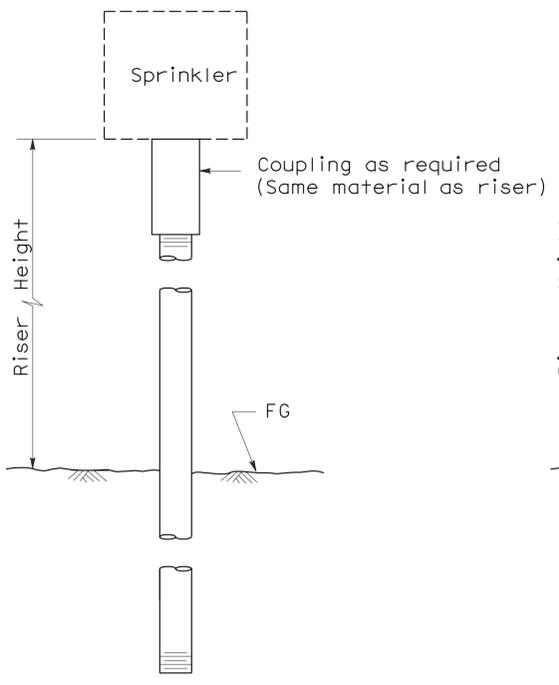


To accompany plans dated 3-14-11

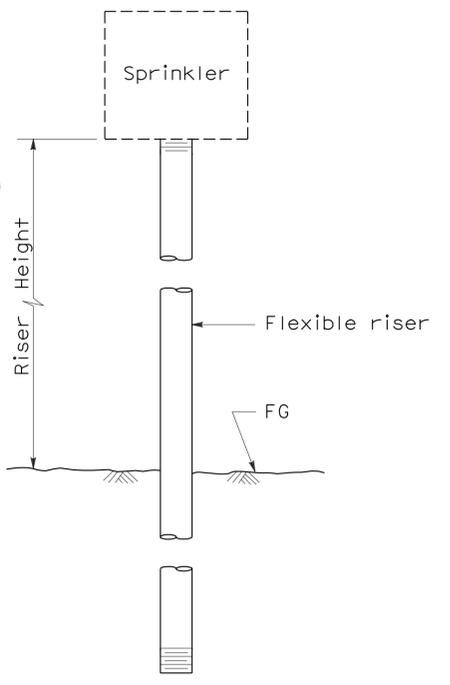
2006 REVISED STANDARD PLAN RSP H5



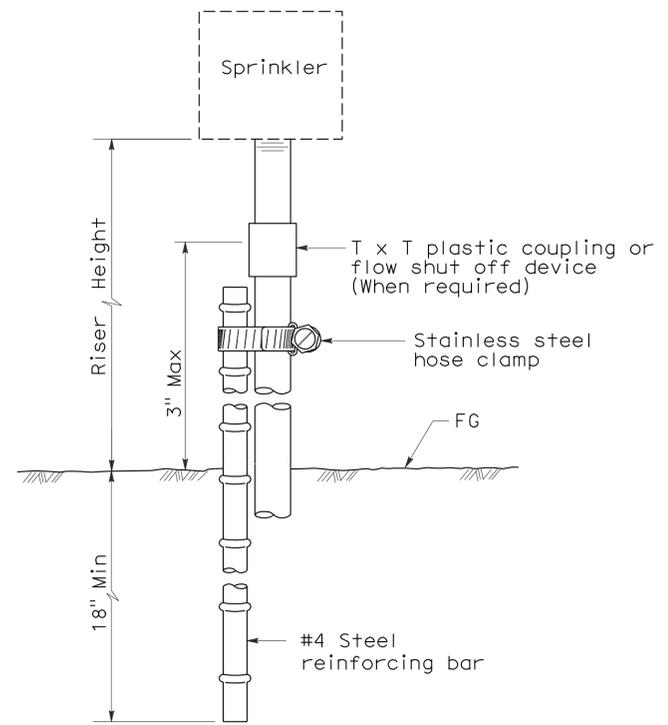
ELEVATION
RISER TYPE I



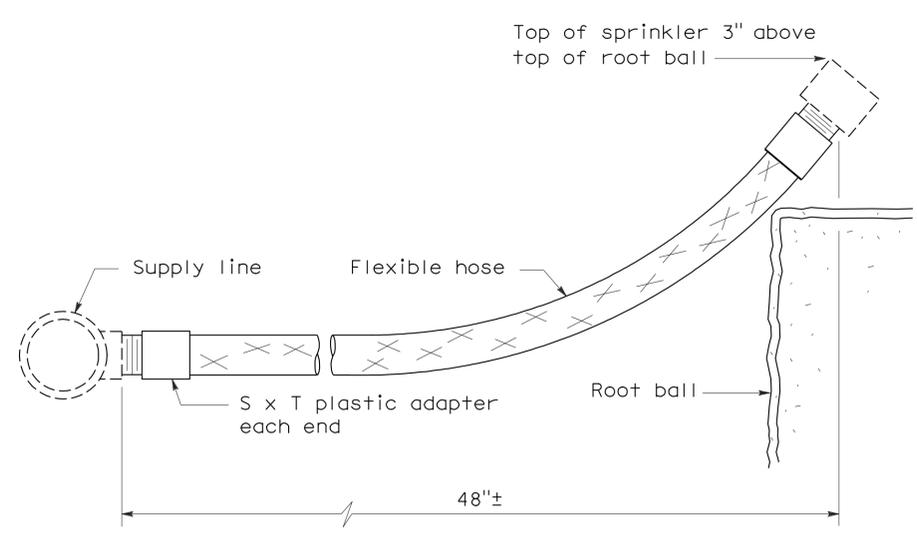
ELEVATION
RISER TYPE II



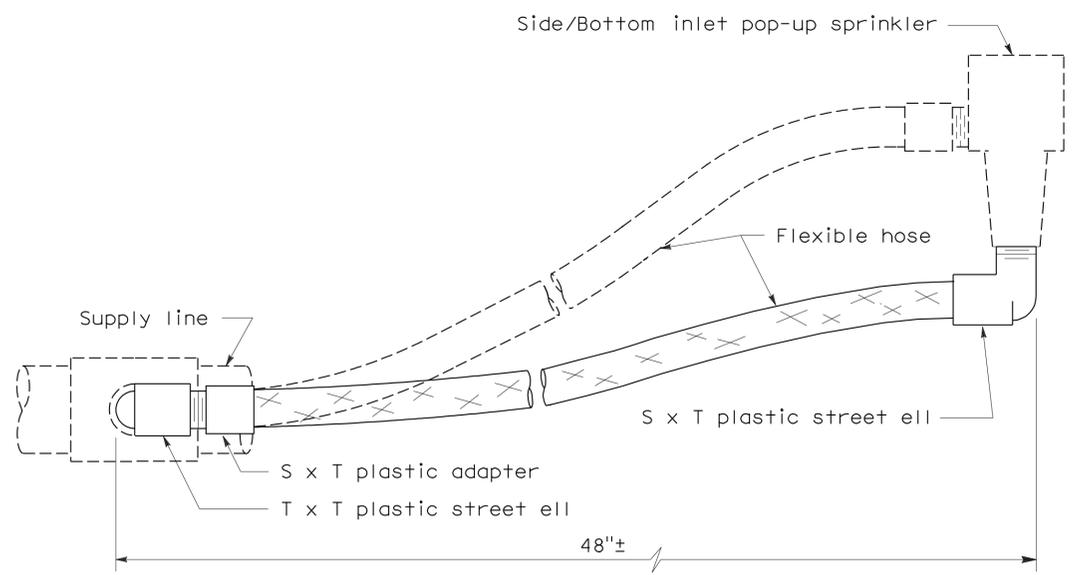
ELEVATION
RISER TYPE III



ELEVATION
RISER TYPE IV



ELEVATION
RISER TYPE V



ELEVATION
RISER TYPE VI

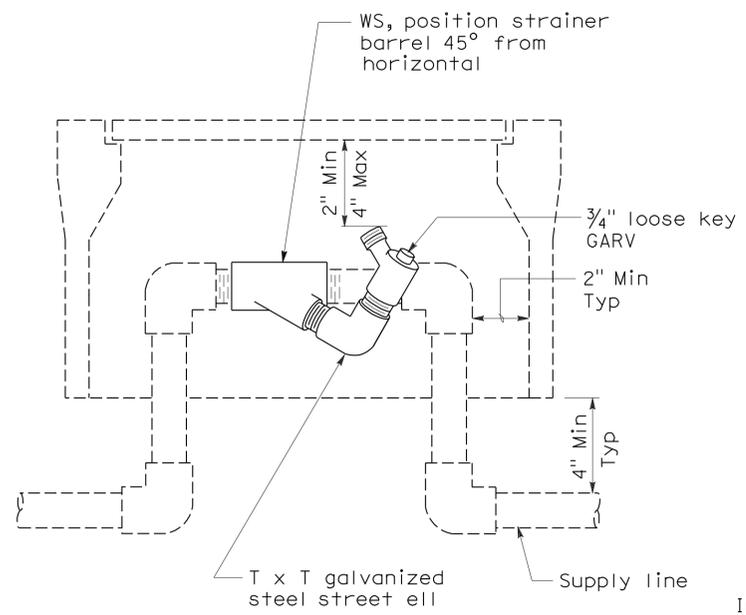
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
DETAILS**
NO SCALE

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

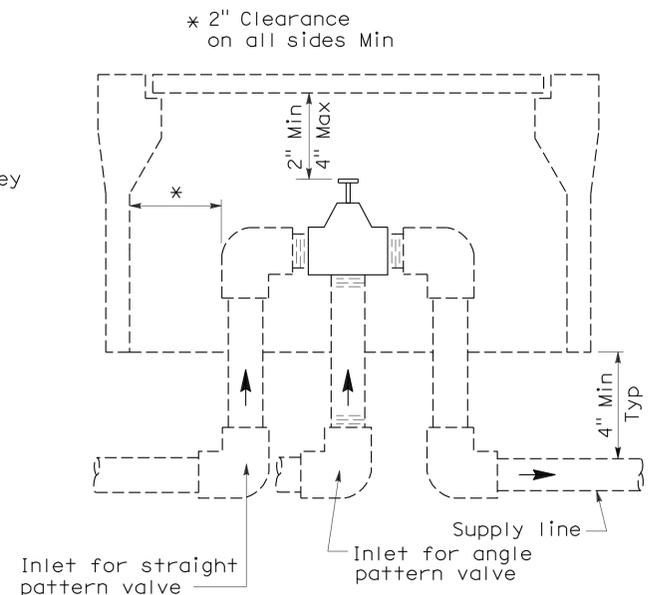
REVISED STANDARD PLAN RSP H5

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		13	49

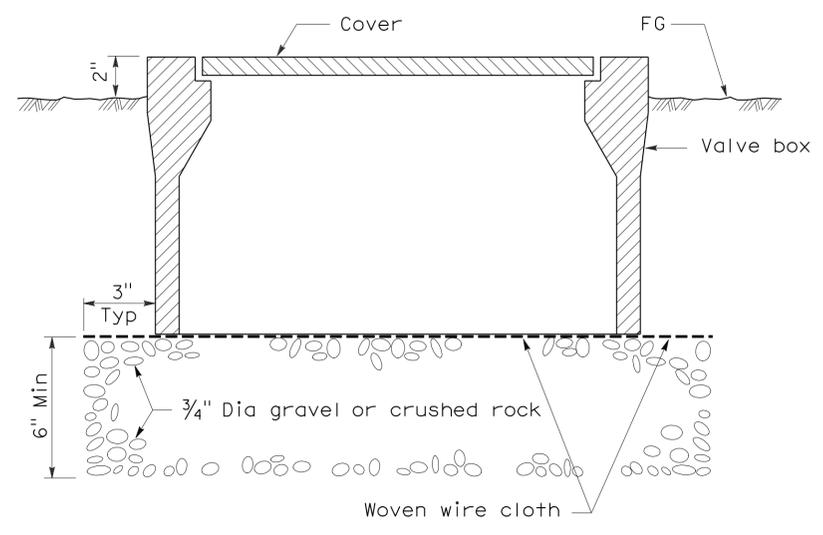
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 License No. 2268
 State of California
 June 5, 2009
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



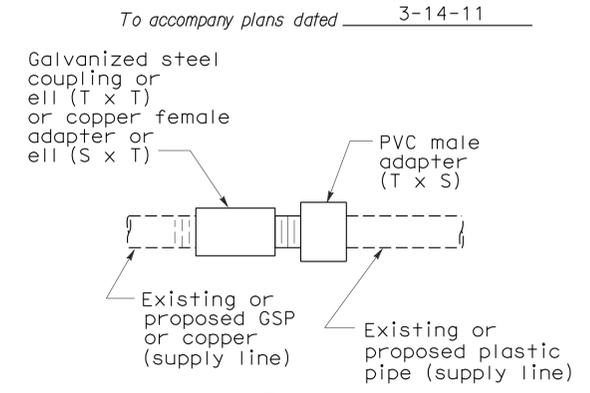
**ELEVATION
WYE STRAINER**



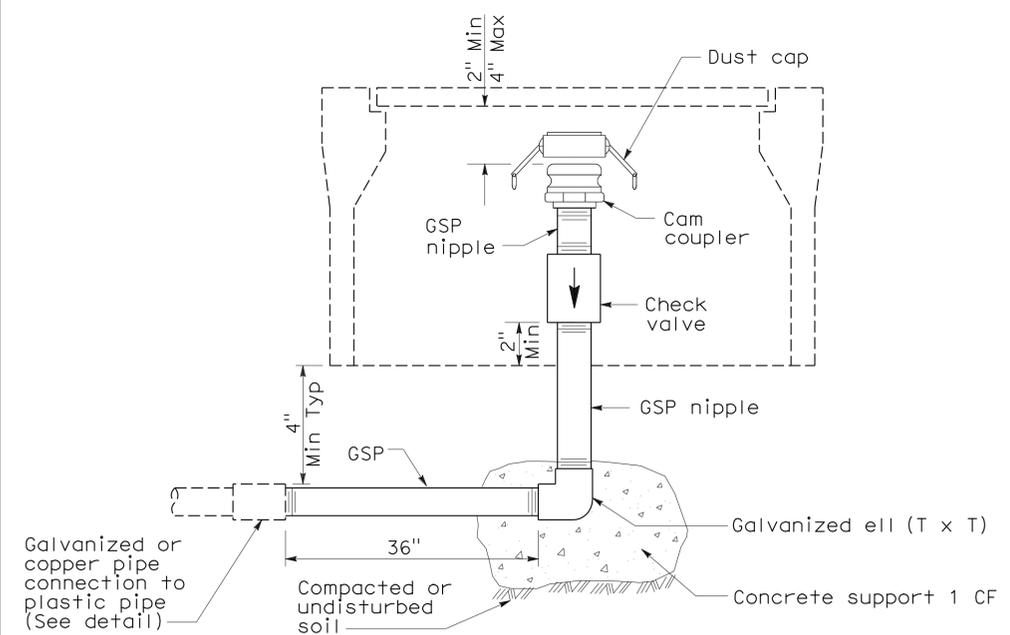
**ELEVATION
VALVE**



**SECTION
VALVE BOX**

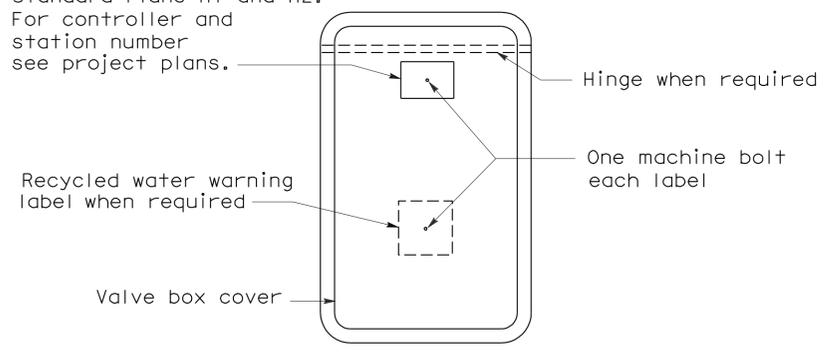


**PLAN
GALVANIZED OR COPPER PIPE
CONNECTION TO PLASTIC PIPE**

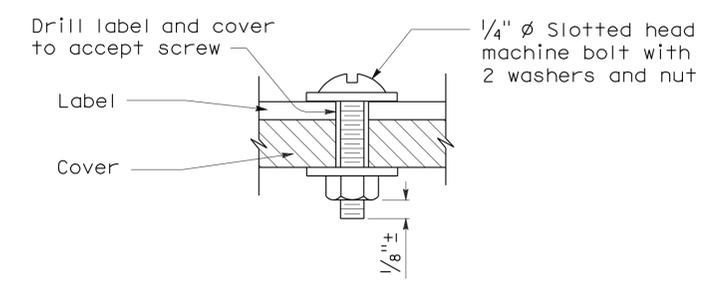


**ELEVATION
CAM COUPLER ASSEMBLY**

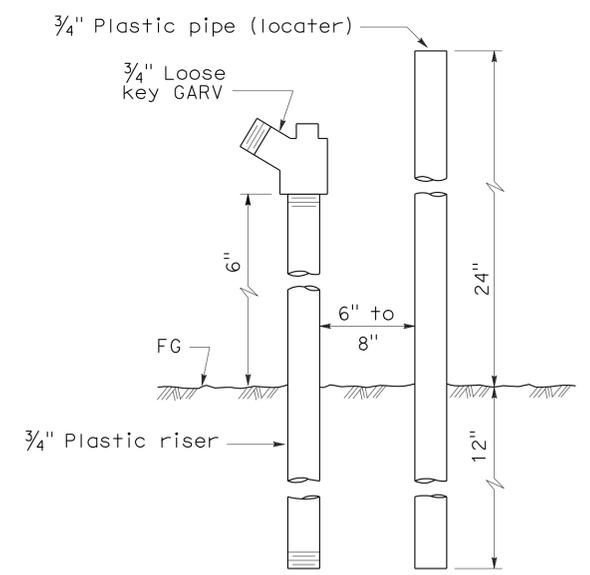
Identification label:
 For abbreviations see Revised Standard Plans H1 and H2.
 For controller and station number see project plans.



PLAN



**SECTION
VALVE BOX IDENTIFICATION**



**ELEVATION
FLUSH VALVE**

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

**PLANTING AND IRRIGATION
DETAILS**

NO SCALE

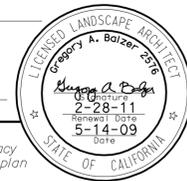
RSP H7 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H7
 DATED MAY 1, 2006 - PAGE 207 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H7

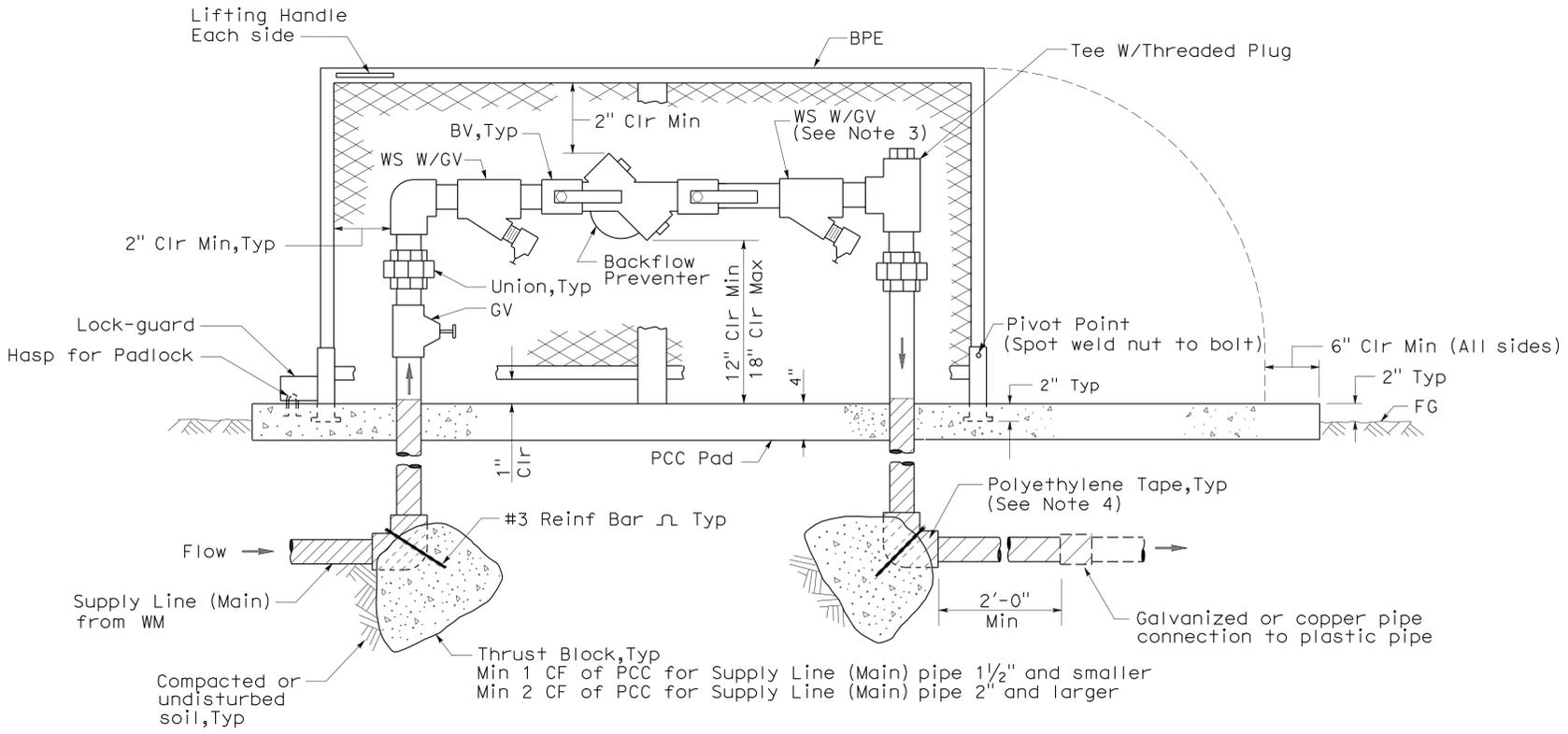
2006 REVISED STANDARD PLAN RSP H7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		14	49

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



To accompany plans dated 3-14-11

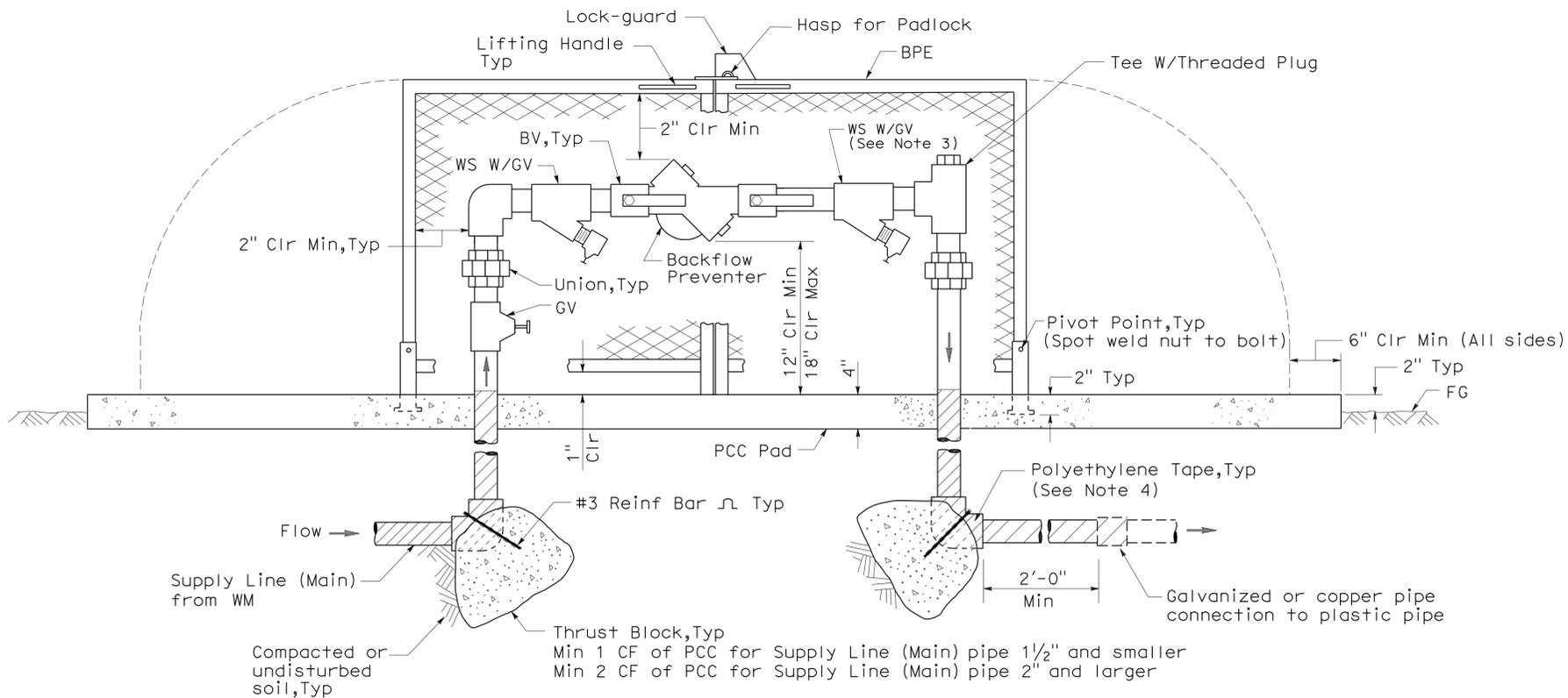


ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (ONE PIECE)

NOTES:

1. Wye strainer and fittings must be the same size as the backflow preventer shown on the plans.
2. Backflow preventer assembly manifold pipe must be the same pipe as the supply line (main) pipe to be installed from the water meter to the backflow preventer assembly.
3. Wye strainer location shown downstream of the backflow preventer is for District 11 projects only.
4. All metal in contact with soil and Portland Cement Concrete must be polyethylene wrapped using 2" wide plastic backed adhesive tape 20 mil thick with 1/2" overlap.



ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (TWO PIECE)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
 DETAILS**

NO SCALE

RSP H8 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H8
 DATED MAY 1, 2006 - PAGE 208 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H8

2006 REVISED STANDARD PLAN RSP H8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		15	49

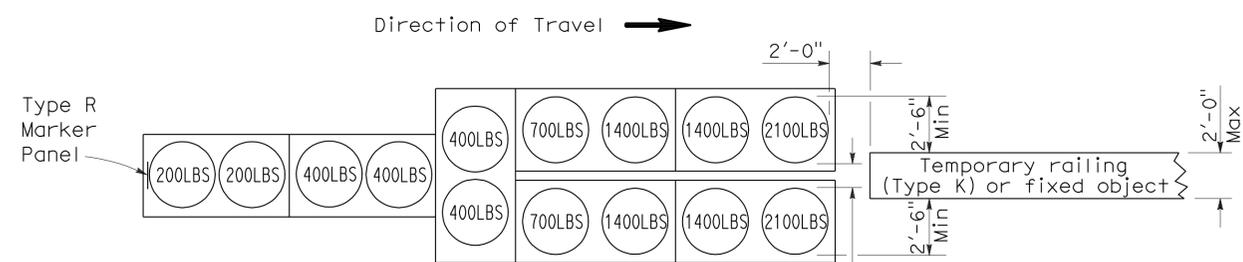
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

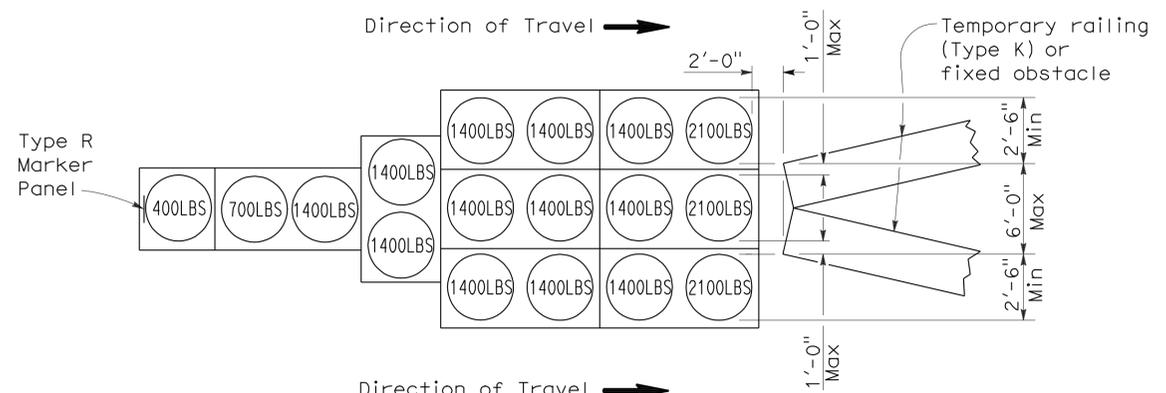
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



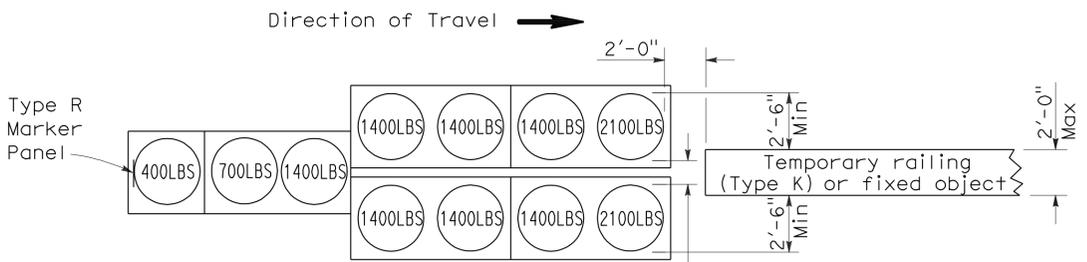
ARRAY 'TU14'

Approach speed 45 mph or more



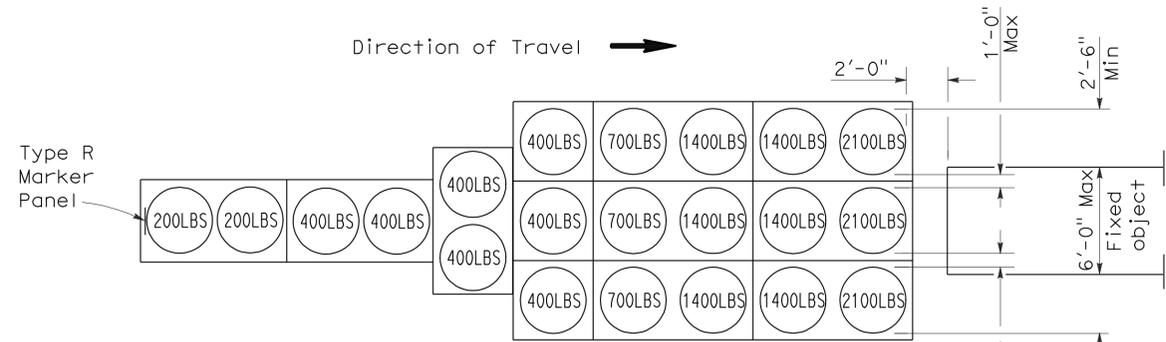
ARRAY 'TU17'

Approach speed less than 45 mph



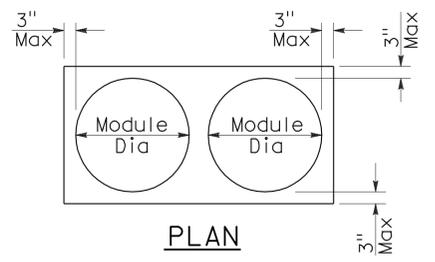
ARRAY 'TU11'

Approach speed less than 45 mph

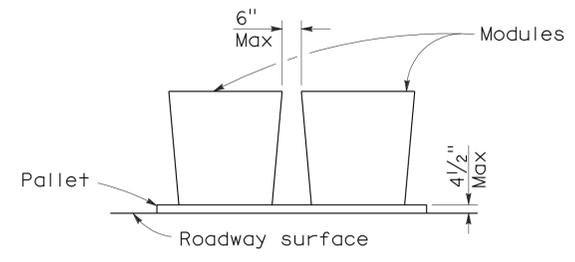


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

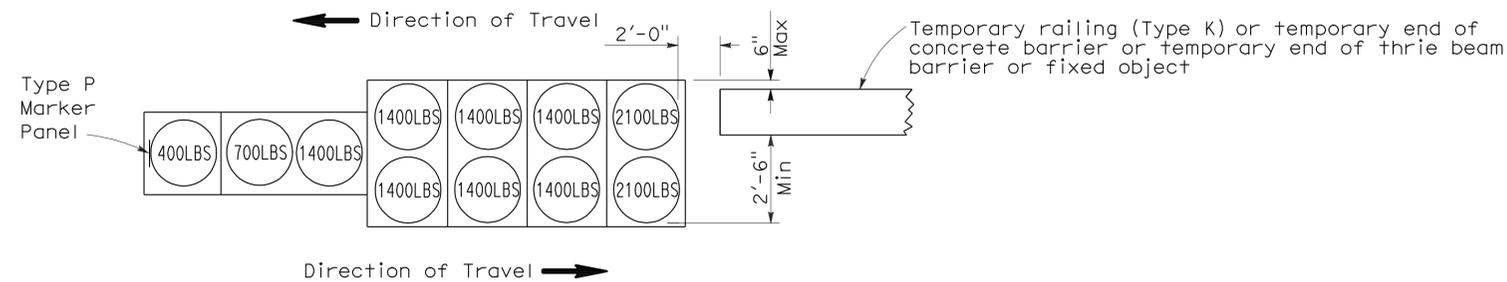
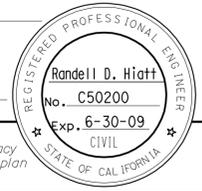
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		16	49

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

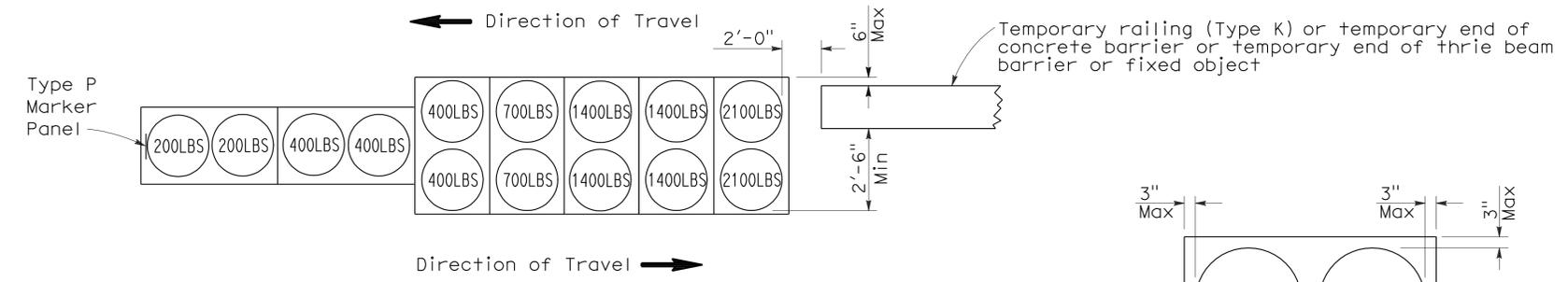
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



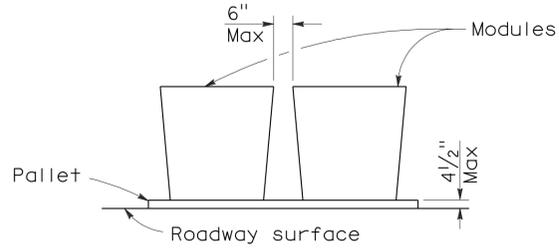
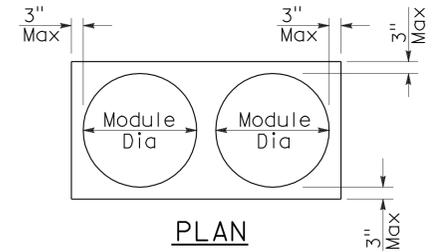
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**
NO SCALE

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

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

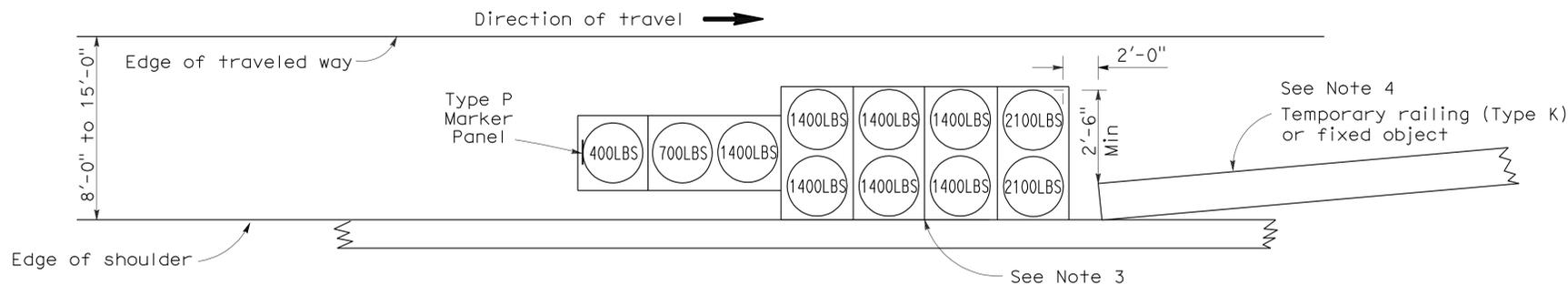
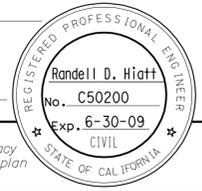
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		17	49

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

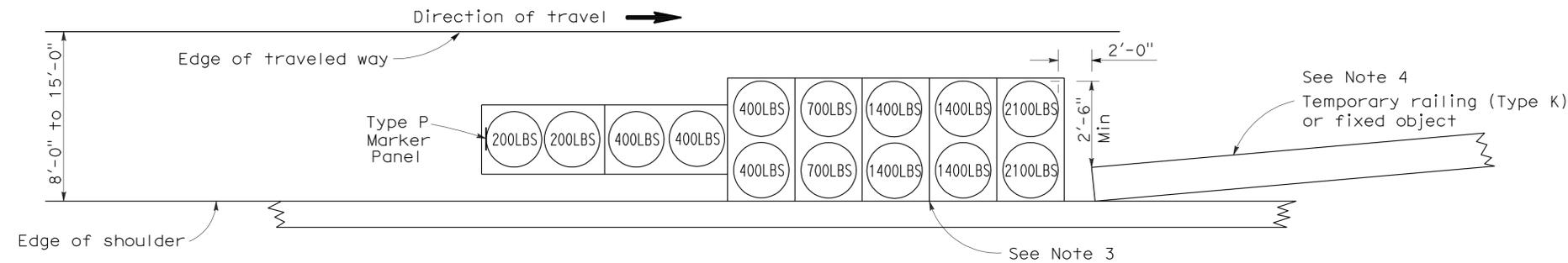
June 6, 2008
PLANS APPROVAL DATE

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

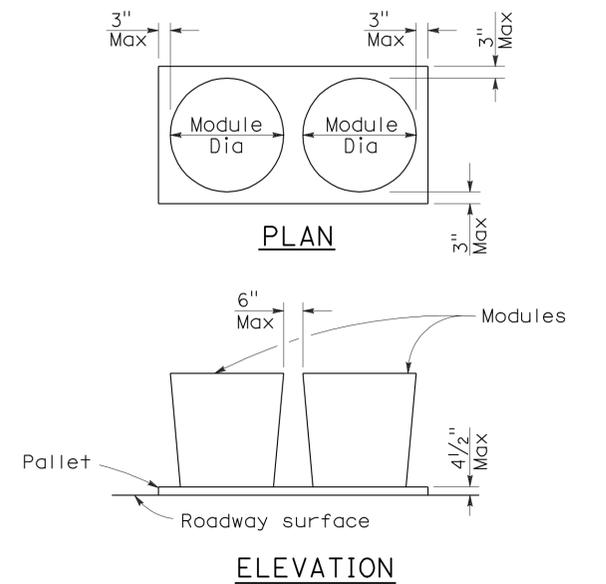
To accompany plans dated 3-14-11



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:

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. 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.
4. 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.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. 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.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

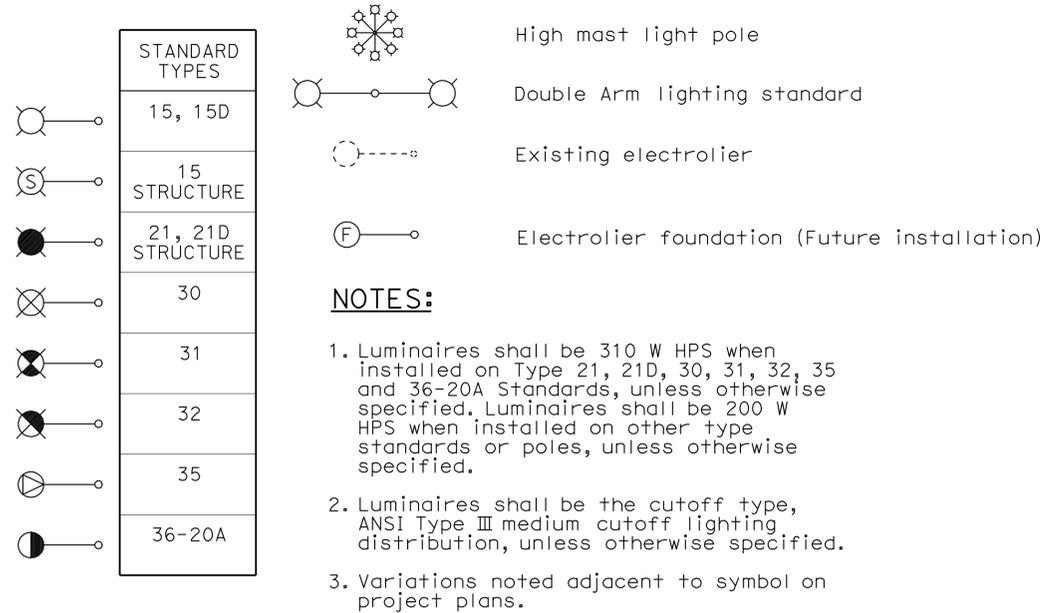
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

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

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
08	SBd	5705		18	49

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

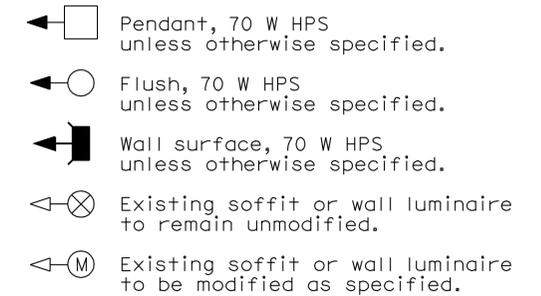
October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Jeffery G. McRae
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 3-14-11

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
08	SBd	5705		19	49

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

October 5, 2007
 PLANS APPROVAL DATE

To accompany plans dated 3-14-11

CONDUIT

PROPOSED	EXISTING	
		Lighting Conduit, unless otherwise indicated or noted
		Traffic signal conduit
		Communication conduit
		Telephone conduit
		Fire alarm conduit
		Fiber optic conduit
		Conduit termination
		Conduit riser in/on structure or service pole

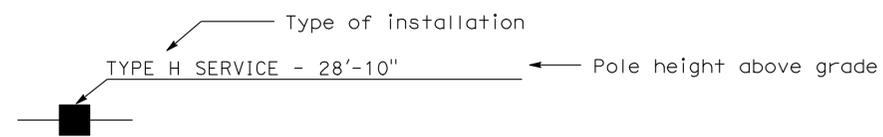
SIGNAL EQUIPMENT

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	
		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

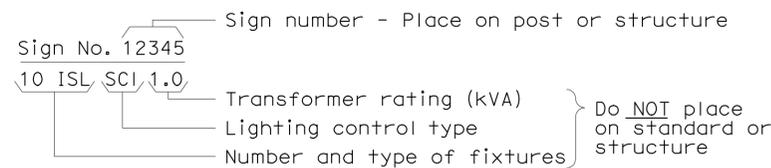
RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B
 DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

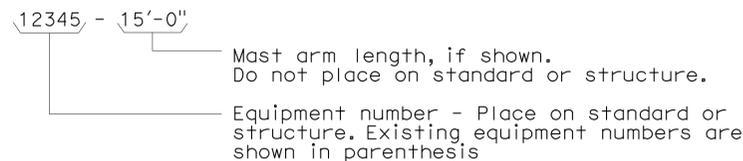
2006 REVISED STANDARD PLAN RSP ES-1B

EQUIPMENT IDENTIFICATION

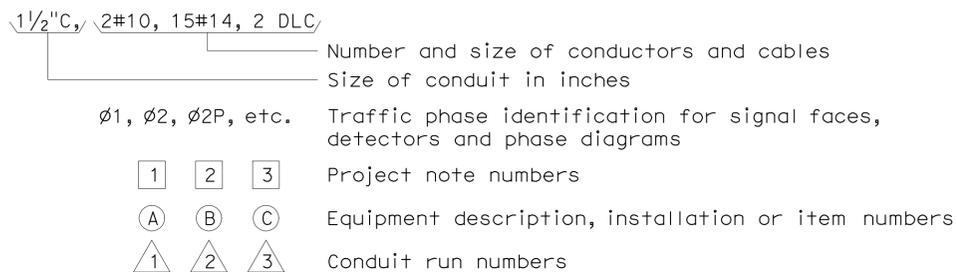
ILLUMINATED SIGN IDENTIFICATION NUMBER:



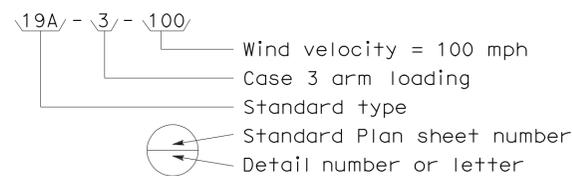
ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:



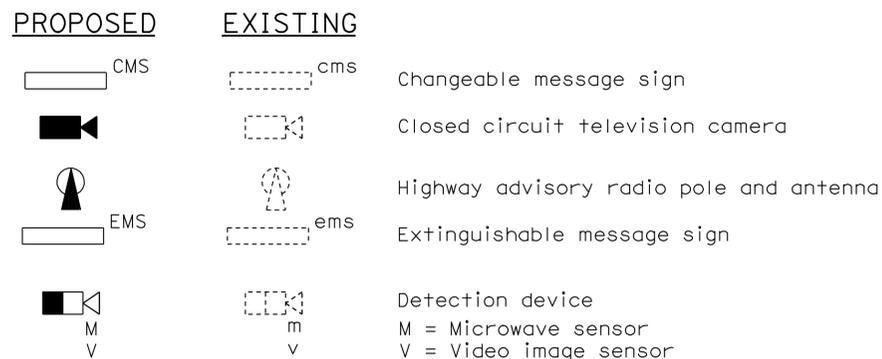
CONDUIT AND CONDUCTOR IDENTIFICATION:



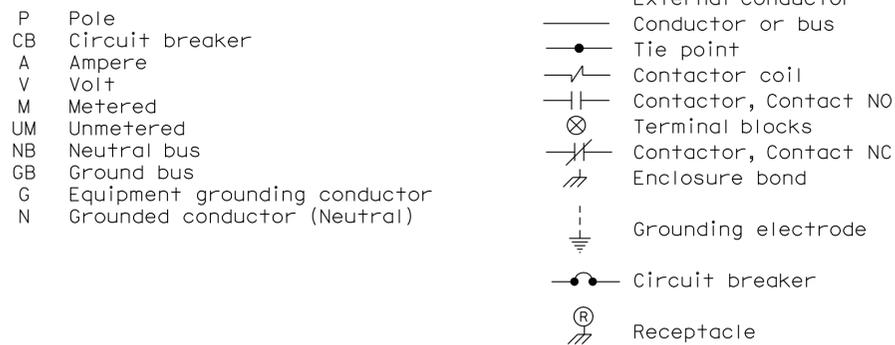
SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



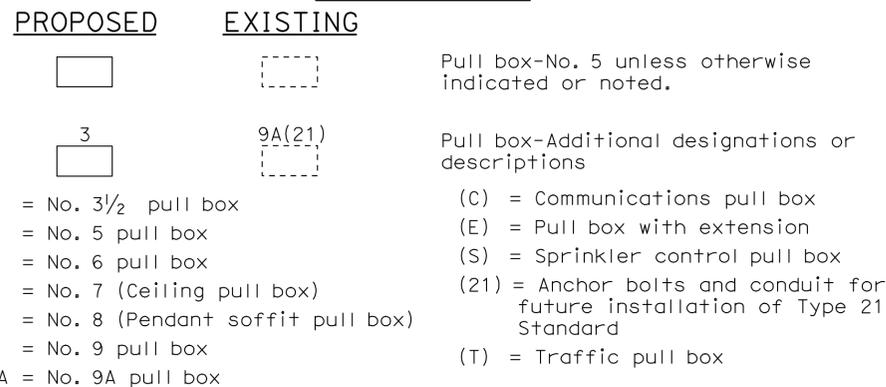
MISCELLANEOUS EQUIPMENT



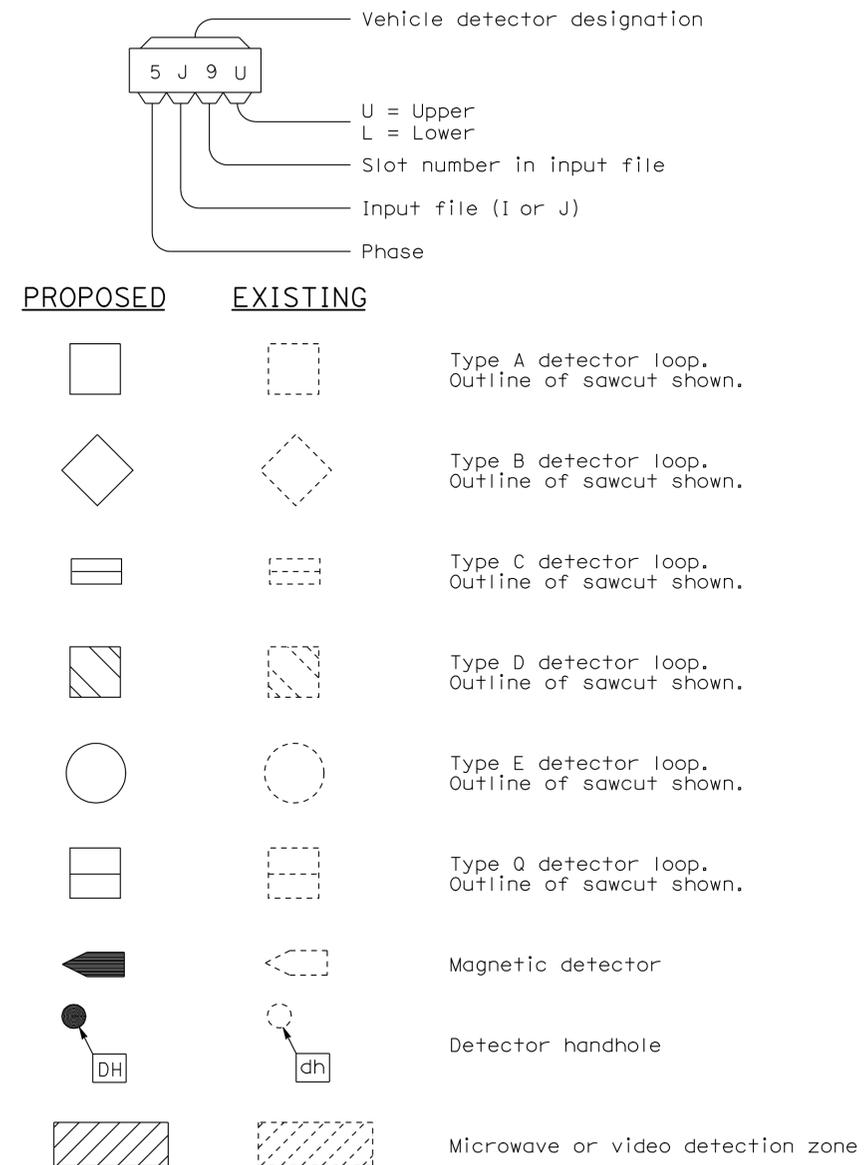
WIRING DIAGRAM LEGEND



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.

REVISED STANDARD PLAN RSP ES-1C

2006 REVISED STANDARD PLAN RSP ES-1C

MATERIAL BINS CODE ANALYSIS

BUILDING CONSTRUCTION TYPE	VB
OCCUPANCY CLASSIFICATION	S2
NUMBER OF STORIES	1
BUILDING AREA	1340 SF
AREA OF PROJECT	NA
ALLOWABLE BUILDING AREA	13500 SF
BUILDING HEIGHT	17'-0"
FIRE SPRINKLERED	NO
FIRE ALARM	NO
OTHER FIRE PROTECTION SYSYEMS	NO
SMOKE CONTROL SYSTEM	NO
OCCUPANCY LOAD	NA

ALL THE BUILDING WORK SHALL COMPLY WITH THE FOLLOWING CODES :

- 2007 CALIFORNIA BUILDING CODE
- 2007 CALIFORNIA ENERGY CODE/2008 CA BLDG ENERGY EFFICIENCY STANDARDS
- 2007 CALIFORNIA FIRE CODE
- 2007 CALIFORNIA ELECTRICAL CODE
- AND CURRENT EDITION OF AMERICANS WITH DISABILITIES ACT

ACCESSIBILITY NOTES

ACCESSIBILITY NOTES

- EXISTING GRADING OF THE ENTIRE SITE HAS BEEN VERIFIED TO BE FULLY COMPLIANT TO THE ACCESSIBILITY REQUIREMENTS, INCLUDING THE MAXIMUM SLOPE IN ANY DIRECTIONS BEING 2% OR LESS. ANY SPECIFIC PEDESTRIAN PATH OF TRAVEL (POT) WITHIN THE ENTIRE SITE NEEDS NOT TO BE IDENTIFIED ON THE SITE PLAN.
- EXISTING SITE ENTRANCE GATES NEED NOT TO BE ACCESSIBLE, 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.
- EXISTING ACCESSIBLE VAN PARKING SPACE HAS BEEN VERIFIED TO BE CODE COMPLAINT EXCEPT AS NOTED ON THE SITE PLAN.
- ANY LEVEL CHANGE BETWEEN THE FRONT CONCRETE APRON AT THE MATERIAL BINS AND THE ADJACENT GROUND SHALL BE MAX. 1/2" W/MAX. 1:2 SLOPE. ANY LEVEL CHANGE NOT EXCEEDING 1/4" MAY BE VERTICAL.
- AISLES FORMED BY EQUIPMENT/ STORED MATERIALS/ WALLS AT THE MATERIAL BINS SHALL BE MIN. 36" WIDE IF SERVING ONE SIDE, AND MIN. 44" WIDE IF SERVING BOTH SIDES.

ACCESSIBILITY DESIGN APPROVAL STAMP
DOT / DES / OTA

PROJECT ID
080000081

Reviewed by: *[Signature]*
Date: 11-22-10

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: 11-03-10

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Sbd	5705		21	49

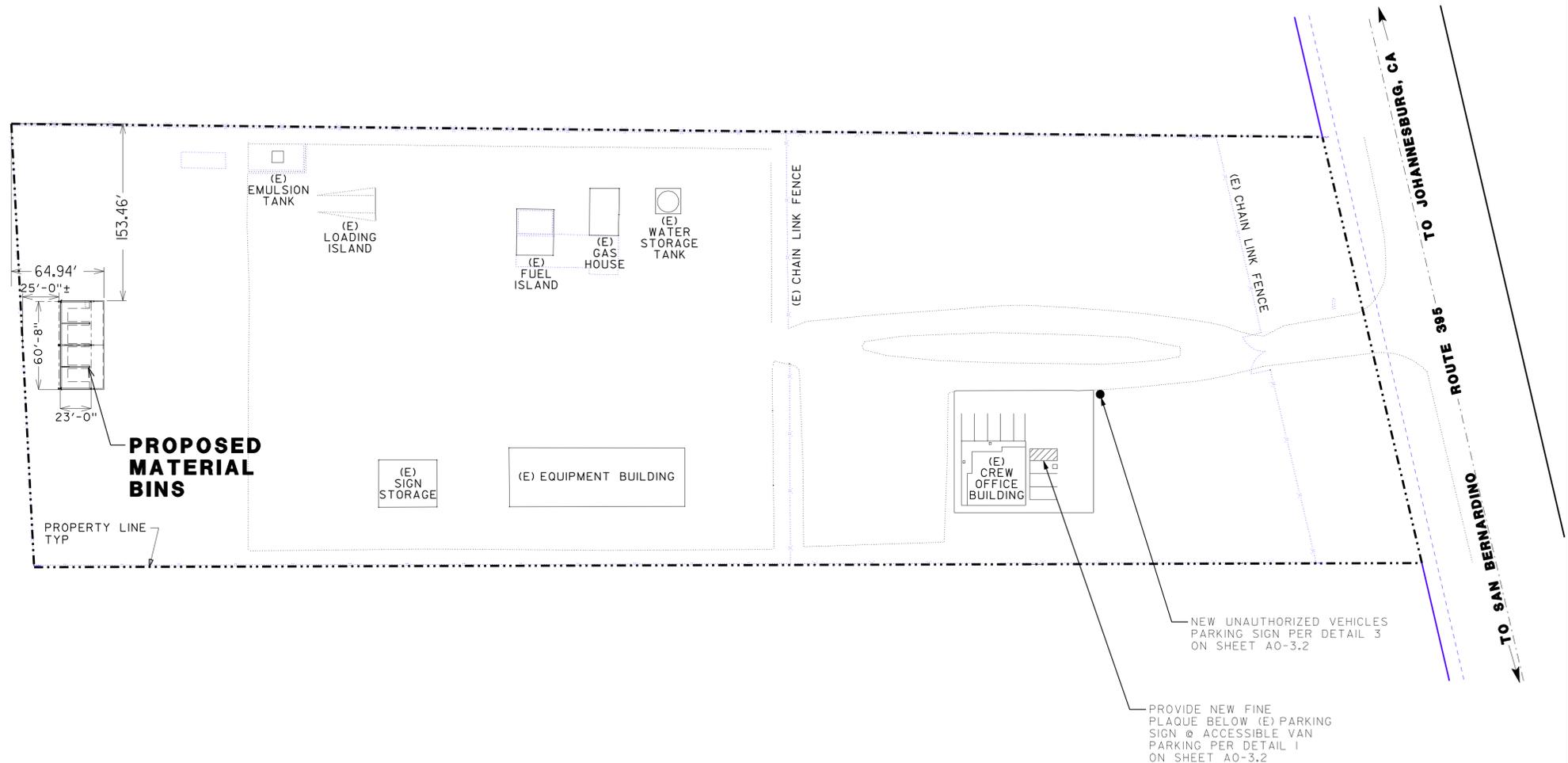
Donald E. Alsey
LICENSED ARCHITECT

3-14-11
PLANS APPROVAL DATE

Donald E. Alsey
LICENSED ARCHITECT
No. C-26676
Ren. 7-31-11

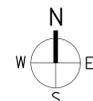
STATE OF CALIFORNIA

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S I T E P L A N

SCALE: 1" = 50'-0"



ROBERT E. TTAVIS OFFICE CHIEF DONALD E. ALSEY SENIOR ARCHITECT, BRANCH CHIEF	DESIGNER MIKE AGHEKIAN DRAWN BY MIKE AGHEKIAN	CHECKED BY STRUCTURAL REVIEW	SHEET LEGEND A-1 ARCHITECTURAL ST-1 STRUCTURAL EE-1 ELECTRICAL	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES ARCHITECTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE	BEECHERS MAINTENANCE STATION COVERED MATERIAL BIN GENERAL PLAN, CODE ANALYSIS, NOTES	SHEET GP
TAEMWW Imper1al Rev. 7/10	FILE => a0- gp.dgn DATE PLOTTED => 16-MAR-2011	TIME PLOTTED => 14:04	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	UNIT PROJECT NUMBER & PHASE 3600 0800000081	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 9-3-09	OF

ARCHITECTURAL ABBREVIATIONS

& L	AND ANGLE	EQUIP	EQUIPMENT	LPG	LIQUIFIED PETROLEUM GAS	S	SOUTH
∅	CENTER LINE	ESCL	ESCALATOR	LS	LAG SCREW	SC	SOLID CORE SCHEDULE
□	DIAMETER OR ROUND SQUARE	ETW	EDGE OF TRAVEL WAY	LVR	LOUVER	SD	SOAP DISPENSER
d	PENNY	EWC	ELECTRIC WATER COOLER	M	METER	SDST	SELF DRILLING SELF TAPPING SQUARE FEET/STORE FRONT SHELF
•	DEGREE	EW/FD	EYE WASH W/ FLOOR DRAIN	MDF	MAIN DISTRIBUTION FRAME	SH	SHOWER
A/C	AIR CONDITIONING	EXP	EXPANSION	MB	MACHINE BOLT	SHT	SHEET
AC	ASPHALT CONCRETE	EXPO	EXPOSED, EXPOSURE	MECH	MEMBER	SHTG	SHEATHING
AB	ANCHOR BOLT	EXT	EXTERIOR	MEMB	MEMBRANE	SIM	SIMILAR
ABV	ABOVE	FE	FIRE EXTINGUISHER	MFR	MANUFACTURER	SL	SCORE LINE
ACOUS	ACOUSTICAL	FEC	FIRE EXTINGUISHER CABINET	MH	MAN HOLE	SMS	SHEET METAL SCREW
ADJ	ADJUSTABLE	FF	FINISH FLOOR	MIN	MINIMUM	SOHD	SECTIONAL OVERHEAD DOOR
ALT	ALTERNATE	FG	FINISH GRADE	MIR	MIRROR	SPEC	SPECIFICATION
ALUM	ALUMINUM	FH	FIRE HYDRANT	MISC	MISCELLANEOUS	SPS	STRUCTURAL PLYWOOD
APA	AMERICAN PLYWOOD ASSOCIATION	FHC	FIRE HOSE CABINET	MIW	MALLEABLE IRON WASHER	SQ	SQUARE
ARCH	ARCHITECTURAL, ARCHITECT	FHMS	FLATHEAD METAL SCREW	MKBD	MARKER BOARD	SRRA	SAFETY ROADSIDE REST AREA
ASPH	ASPHALT	FHWS	FLATHEAD WOOD SCREW	mm	MILLIMETER	SS	SERVICE SINK
BD	BOARD	FIN	FINISH	MO	MASONRY OPENING	SST	STAINLESS STEEL
BIT	BITUMINOUS	FJ	FLOOR JOIST	MTD	MOUNTED	STA	STATION
BLDG	BUILDING	FLASH	FLASHING	MUL	MULLION	STAG	STAGGER
BLK	BLOCK	FLR	FLOOR	N	NORTH	STD	STANDARD
BLKG	BLOCKING	FLUOR	FLUORESCENT	ND	NAPKIN DISPOSAL	STL	STEEL
BM	BEAM	FOC	FACE OF CONCRETE	NIC	NOT IN CONTRACT	STOR	STORAGE
BN	BOUNDARY NAILING	FOF	FACE OF FINISH	NO	NUMBER	STRUC	STRUCTURAL
BOT	BOTTOM	FOM	FACE OF MASONRY	NOM	NOMINAL	SUSP	SUSPENDED
BR	BRIDGE	FOS	FACE OF STUD	NTS	NOT TO SCALE	T	TREAD
BTM	BOTTOM	FRMG	FRAMING	OBSC	OBSCURE	T&G	TONGUE & GROOVE
BTWN	BETWEEN	FRPP	FIBERGLASS REINFORCED PLASTIC PANEL	OC	ON CENTER	TB	TOLL BOOTH
BUR	BUILT-UP-ROOFING	FT	FEET, FOOT	OD	OUTSIDE DIAMETER	TEL	TELEPHONE
CJ	CONTROL JOINT	FTG	FOOTING	OFF	OFFICE	TEMP	TEMPERED
CL	CHAIN LINK	FURR	FURRING	OFD	OVERFLOW DRAIN	TER	TERRAZZO
CAB	CABINET	FWY	FREEWAY	OG	ORIGINAL GROUND	THK	THICK
CB	CATCH BASIN	GA	GAUGE	OH	OPPOSITE HAND	THLD	THRESHOLD
CEM	CEMENT	GAL	GALLON	OHD	OVERHEAD	TJ	TOOLED JOINT
CER	CERAMIC	GALV	GALVANIZED	OHWS	OVERHEAD WOOD SCREW	TKBD	TACKBOARD
CFS	COLD FORMED STEEL	GB	GRAB BAR	OP	OPERATIONS	TN	TOE NAIL
CH	CLOTHES HOOK	GI	GALVANIZED IRON	OPNG	OPENING	TNVM	TAMPON/NAPKIN VENDING MACHINE
CIDH	CAST IN DRILLED HOLE	GL	GLASS	OPP	OPPOSITE	TOC	TOP OF CURB OR CONCRETE
CIP	CAST IN PLACE	GLM	GLUE LAMINATED MEMBER	OPT	OPTION, OPTIONAL	TOP	TOP OF PAVEMENT
CKBD	CHALKBOARD	GLZ	GLAZING	P	PITCH	TOS	TOE OF SLOPE
CLG	CEILING	GR	GRADE	PB	POST BASE	TOT	TOTAL
CMU	CONCRETE MASONRY UNIT	GSM	GALVANIZED SHEET METAL	PC	POST CAP	TOW	TOP OF WALL
CLO	CLOSET	GYP	GYP SUM	PCC	PORTLAND CEMENT CONCRETE	TS	TUBE STEEL
CLR	CLEAR	GYP SHTG	GYP SUM SHEATHING	PDF	POWDER DRIVEN FASTENERS	TTD	TOILET SEAT COVER DISPENSER
COL	COLUMN	HB	HOSE BIB	PH	PHILLIPS HEAD	TTY	TELETYPEWRITER
CONC	CONCRETE	HC	HOLLOW CORE	PL	PLATE	TYP	TYPICAL
CONN	CONNECTION	HD	HEAD, HOLD DOWN	PLAM	PLASTIC LAMINATE	UNF	UNFINISHED
CONST	CONSTRUCTION	HDR	HEADER	PLAS	PLASTER	UON	UNLESS OTHERWISE NOTED
CONT	CONTINUOUS	HDWD	HARDWOOD	PLAS	PLASTER	UR	URINAL
CORR	CORRIDOR	HDWR	HARDWARE	PLAS	PLASTER	VAR	VARIES
CPT	CARPET	HEX	HEXAGONAL	PLYWD	PLYWOOD	VCT	VINYL COMPOSITION TILE
CT	CERAMIC TILE	HF	HEMLOCK-FIR HANGER	PMF	PRESSED METAL FRAME	VERT	VERTICAL
CTR	CENTER	HGR	HOLLOW METAL	PR	PAIR	VEST	VESTIBULE
CTSK	COUNTERSUNK	HM	HORIZONTAL	PRTN	PARTITION	VR	VENT RISER
CY	CUBIC YARD	HORIZ	HORIZONTAL	PT	POINT	VTR	VENT THRU ROOF
DBL	DOUBLE	HP	HIGH POINT	PTD	PAPER TOWEL DISPENSER	W	WEST
DEPT	DEPARTMENT	HR	HOUR	PTD/R	PAPER TOWEL DISPENSER /RECEPTACLE	W/	WITH
DET	DETAIL	HSB	HIGH STRENGTH BOLT	PVC	POLYVINYL CHLORIDE	W/O	WITHOUT
DF	DOUGLAS FIR	HSS	HOLLOW STRUCT SECTION	PWB	PREFABRICATED WOOD I BEAM	WC	WATER CLOSET
DIA	DIAMETER	HT	HEIGHT	QT	QUARRY TILE	WD	WOOD
DIM	DIMENSION	HVAC	HEATING, VENTILATING, AIR CONDITIONING	(R)	RELOCATED	WDW	WINDOW
DN	DOWN	HWY	HIGHWAY	R	RADIUS, RISER	WF	WIDE FLANGE
DP	DEEP	ID	INSIDE DIAMETER	R/W	RIGHT OF WAY	WH	WATER HEATER
DR	DOOR	IDF	INTERMEDIATE DISTRIBUTION FRAME	RD	ROOF DRAIN	WP	WORKING POINT
DS	DOWNSPOUT	IN	INCH	RDWD	REDWOOD	WR	WATER RESISTANT
DWG	DRAWING	INFO	INFORMATION	REF	REFERENCE	WSCT	WAINSCOT
DWR	DRAWER	INSUL	INSULATION	REFG	REFRIGERATOR	WT	WEIGHT
(E)	EXISTING	INT	INTERIOR	REINF	REINFORCED(ING)	WTPR	WATERPROOFING
E	EAST	IT	INFORMATION TECHNOLOGY	REQ	REQUIRED	WWF	WELDED WIRE FABRIC
EA	EACH	JAN	JANITOR	RFG	ROUGHSAW	YD	YARD
EHD	EXHAUST HAND DRYER	JB	JUNCTION BOX	RFSWN	ROUGHSAW		
EJ	EXPANSION JOINT	JH	JOIST HANGER	RH	ROUND HEAD		
EL	ELEVATION (HEIGHT)	JST	JOIST	RHWS	ROUND HEAD WOOD SCREWS		
ELEC	ELECTRICAL	JT	JOINT	RJ	ROOF JOIST		
ELEV	ELEVATION (VIEW)	KIT	KITCHEN	RM	ROOM		
ELVR	ELEVATOR	LAB	LABORATORY	RO	ROUGH OPENING		
EMER	EMERGENCY	LAV	LAVATORY	RSWN	RESAWN		
ENCL	ENCLOSURE	LBS	POUNDS	ROUTE	ROUTE		
EP	EDGE OF PAVEMENT	LF	LINEAR FEET	RW	RETAINING WALL		
EQ	EQUAL	LKR	LOCKER	RWL	RAINWATER LEADER		
EPB	ELECTRICAL PANELBOARD	LLV	LONG LEG VERTICAL				
		LOL	LAYOUT LINE				

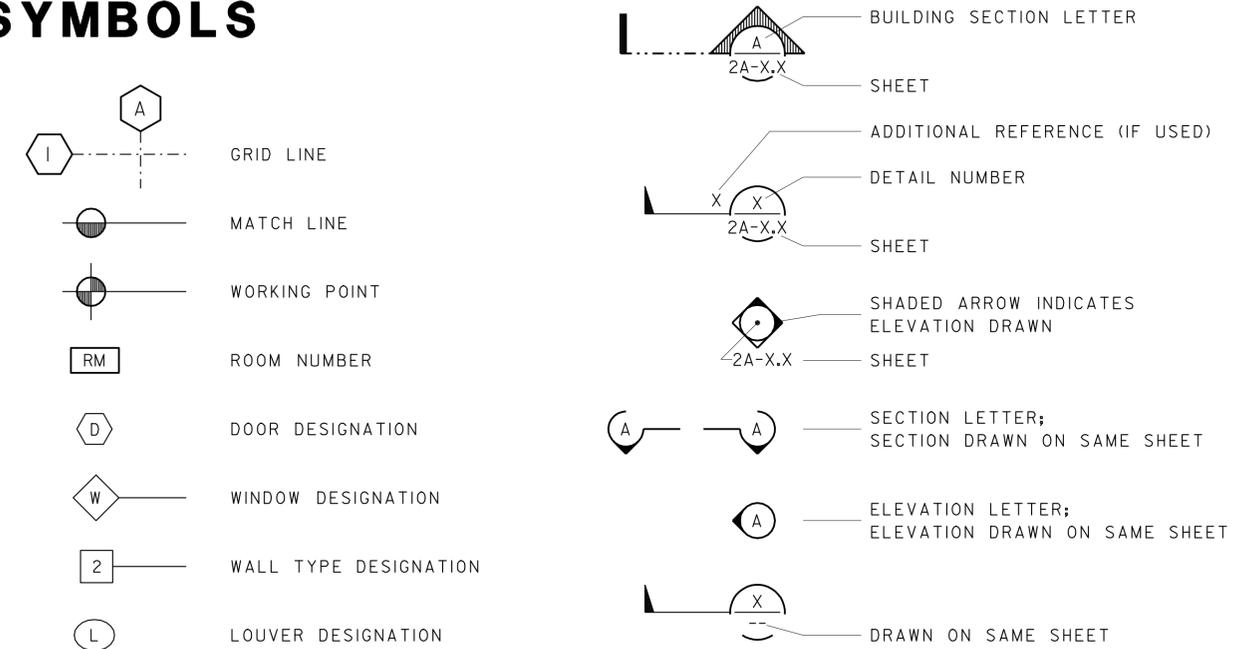
DESIGN CRITERIA

THE BUILDING WORK ON THIS PROJECT HAS BEEN DESIGNED TO CONFORM TO THE 2007 TITLE 24 CALIFORNIA CODE OF REGULATIONS.

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.

SYMBOLS



SHEET INDEX

ARCHITECTURAL	STRUCTURAL	ELECTRICAL
TITLE SHEET / COVER SHEET	ST-1 LEGEND	EE-0 LEGEND
GP GENERAL PLAN, CODE ANALYSIS, NOTES	ST-2 CONCRETE STANDARD	EE-1 TITLE 24 COMPLIANCE FORM (1 OF 2)
A0-1 ARCHITECTURAL ABBREVIATIONS, SYMBOLS AND SHEET INDEX	STI-0 DESIGN CRITERIA AND DETAIL NOTES	EE-2 TITLE 24 COMPLIANCE FORM (2 OF 2)
A0-3.2 ACCESSIBILITY STANDARD DETAILS	STI-1 FOUNDATION PLAN	EE-3 SITE PLAN
A1-1 FLOOR PLAN AND COLOR SCHEDULE	STI-2 ROOF FRAMING PLAN	EE-4 POWER AND LIGHTING PLAN
A1-2 EXTERIOR/INTERIOR ELEVATIONS	STI-3 ELEVATIONS	
A1-3 BUILDING SECTIONS A-A AND B-B	STI-4 WALL AND SLAB SECTIONS	
A1-4 ROOF PLAN AND REFLECTED CEILING PLAN	STI-5 CANOPY FOOTING DETAILS	
A1-5 BUILDING DETAILS	STI-6 CANOPY SECTION AND DETAILS	
A1-6 ROOF DETAILS	STI-7 CANOPY DETAILS 1	
	STI-8 CANOPY DETAILS 2	
	STI-9 CANOPY DETAILS 3	
	STI-10 CANOPY DETAILS 4	
	STI-II CANOPY DETAILS 5	
	STI-12 CANOPY DETAILS 6	

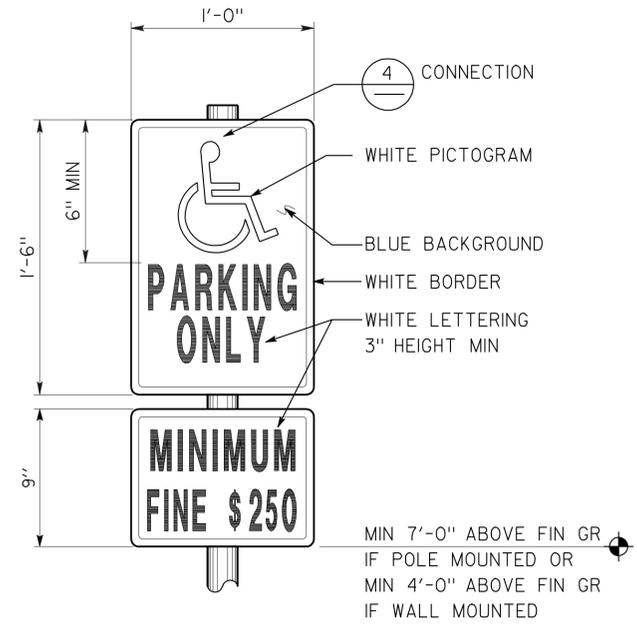
A0_01.dgn	DESIGN BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 58M5707	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS	SHEET
TAEMWW Imper1al Rev. 7/10	DETAILS BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE X	ARCHITECTURAL ABBREVIATIONS, SYMBOLS, AND SHEET INDEX	A0-1
17-MAR-2011 07:54	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 03600 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

17-MAR-2011 07:54

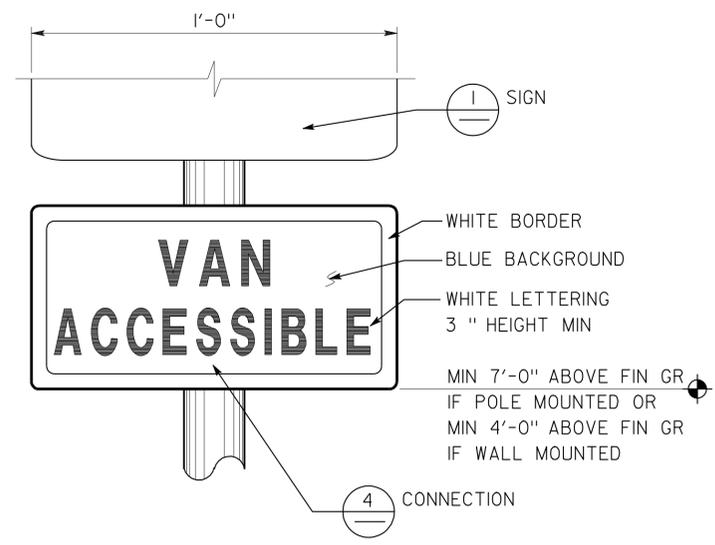
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		23	49

 LICENSED ARCHITECT		01-02-10 DATE	
3-14-11 PLANS APPROVAL DATE			

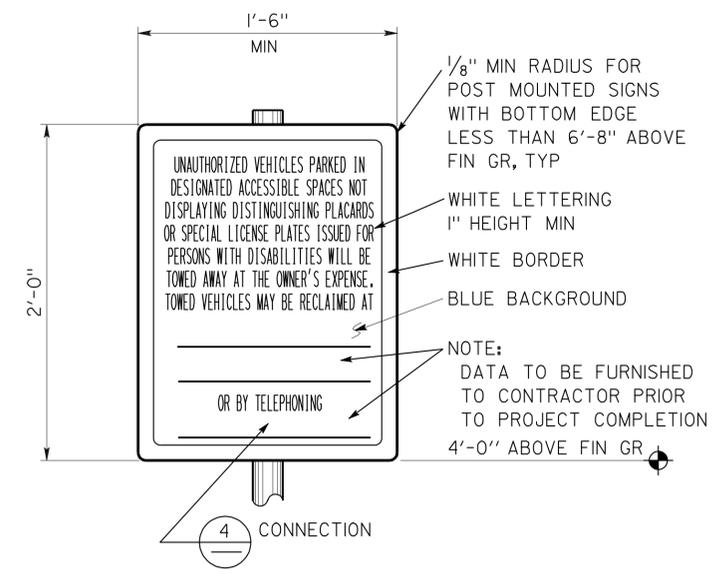
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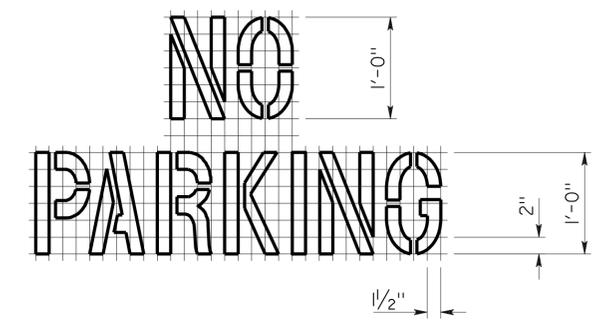
1 ACCESSIBLE PARKING SIGN
 REFER TO SITE PLAN FOR LOCATIONS
 COMBO SIGN MAY BE USED



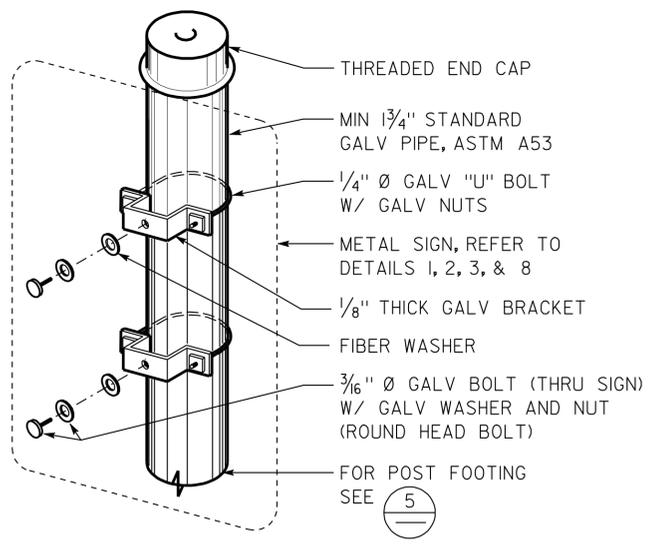
2 ACCESSIBLE VAN PARKING SIGN
 REFER TO SITE PLAN FOR LOCATIONS
 VAN ACCESSIBLE COMBO SIGN AND SEPARATE FINE PLAQUE MAY BE USED



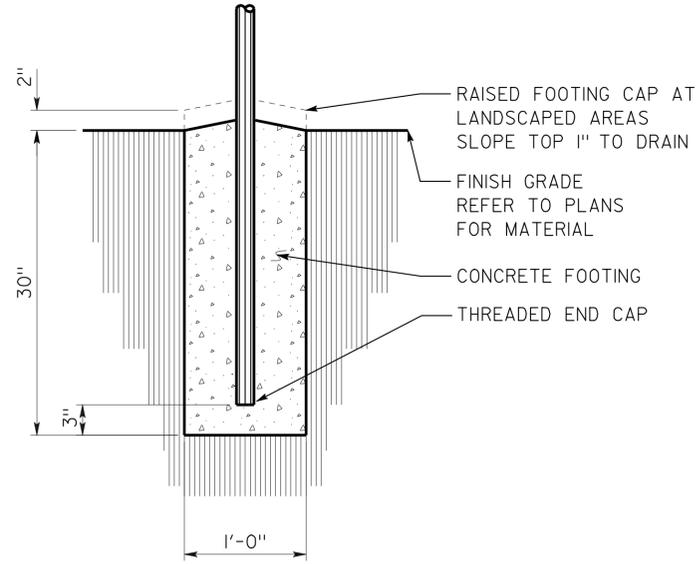
3 UNAUTHORIZED VEHICLES PARKING SIGN
 REFER TO SITE PLAN FOR LOCATIONS
 COLORS MAY VARY



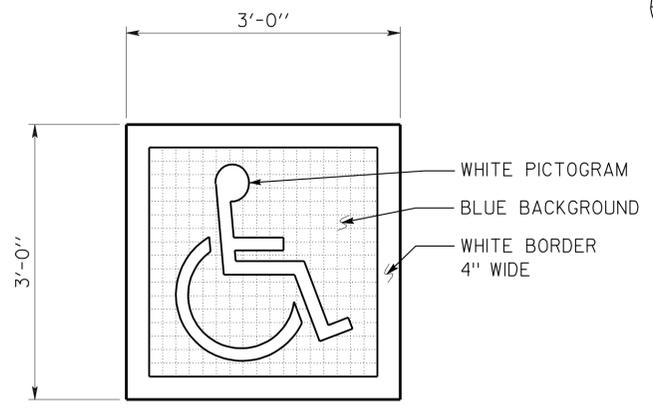
7 ACCESS AISLE PAVEMENT MARKING



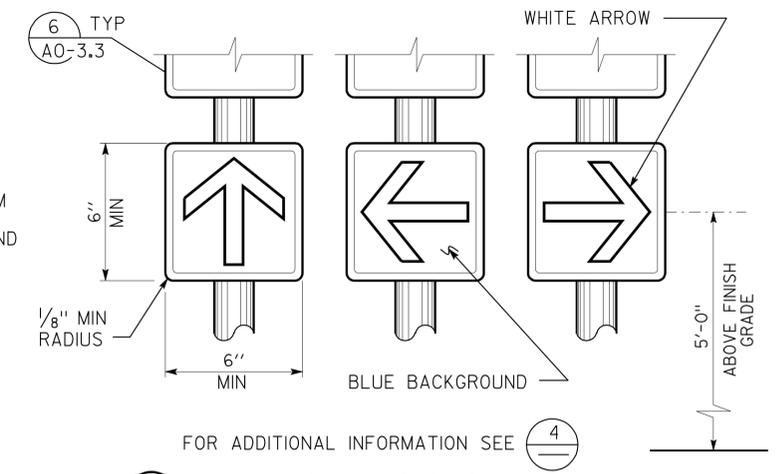
4 SIGN CONNECTION



5 SIGN POST FOOTING



6 ACCESSIBLE PARKING SURFACE IDENTIFICATION
 REFER TO DETAILS 1 AND 2 ON SHEET A0-3.1 FOR LOCATIONS



8 DIRECTIONAL SIGNS
 REFER TO SITE PLAN FOR LOCATIONS
 WALL OR DOOR MOUNTED SIGNS MAY BE USED
 COMBO SIGN MAY BE USED
 COLORS MAY VARY

DETAILS
 NO SCALE UNLESS OTHERWISE NOTED

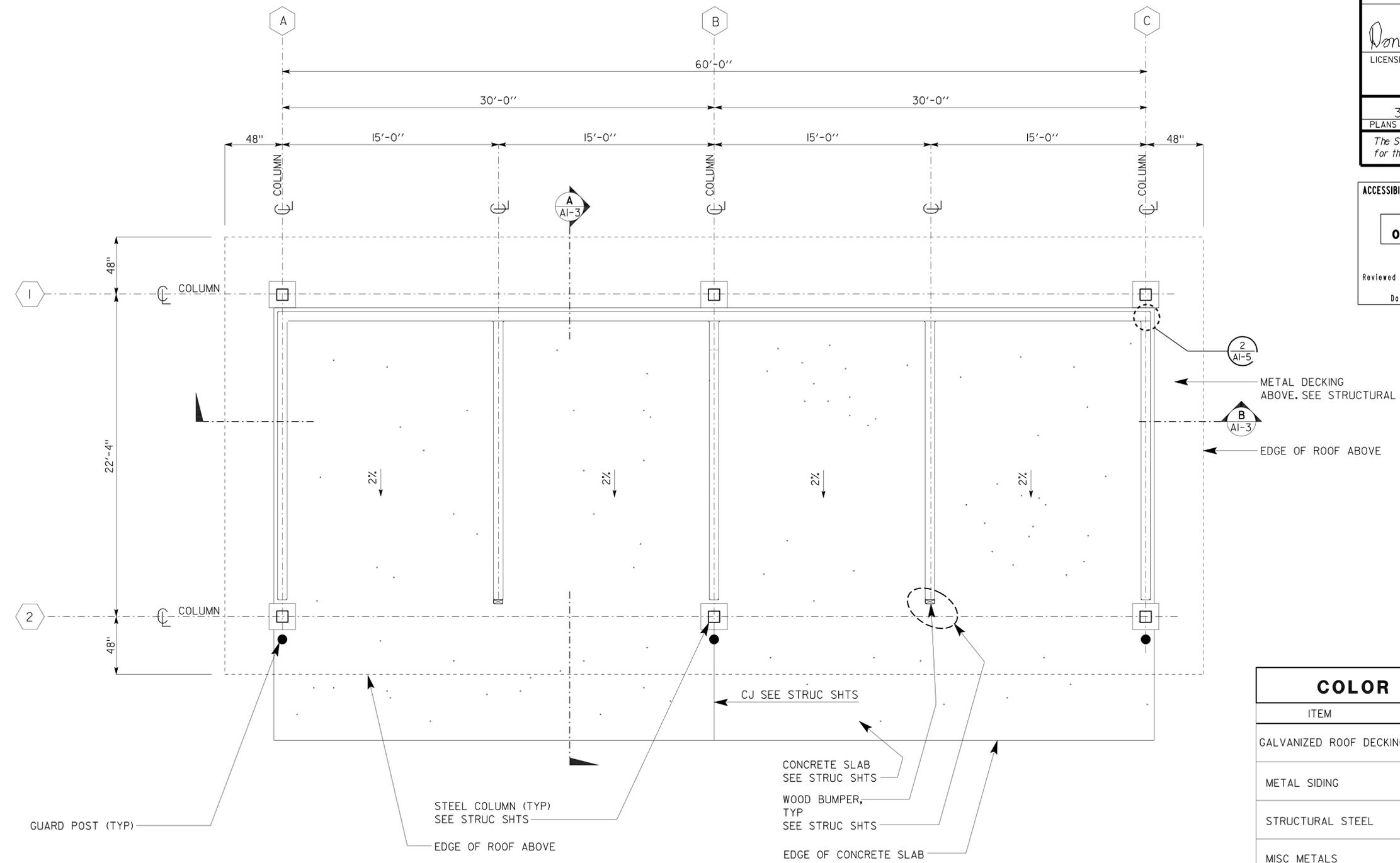
NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO.	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS		SHEET
FILE NO.	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED	ARCHITECTURAL AND STRUCTURAL DESIGN		58M5707		ACCESSIBILITY		A0-3.2	
DRAWING DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG		DEPARTMENT OF TRANSPORTATION		X		ACCESSIBILITY STANDARD DETAILS		OF	
SUBMITTED BY Y.A. WANG			DESIGN SUPERVISOR		PROJECT NUMBER & PHASE 03600 08000000811		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		
TAEMW ImperId Rev. 7/10			17-MAR-2011 07:54		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT		SHEET OF		

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		24	49

Donald E. Alsey
 LICENSED ARCHITECT
 DATE 11-30-10
 No. C-26676
 Exp. 7-31-11
 STATE OF CALIFORNIA

3-14-11
 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 0800000081 Reviewed by: <i>[Signature]</i> Date: 11-22-10	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: 11-03-10
---	---

COLOR & PAINT SCHEDULE		
ITEM	COATING SYSTEM	COLOR
GALVANIZED ROOF DECKING	PRE-FINISHED BY MFR	NO PAINT REQUIRED
METAL SIDING	PRE-FINISHED BY MFR	22 GA BR7-35 WALL PANEL BY MORIN CORPORATION . SURREY BEIGE COLOR
STRUCTURAL STEEL	I	POROUS STONE DE6220 LRV 57, DUNN EDWARDS
MISC METALS	I	POROUS STONE DE6220 LRV 57, DUNN EDWARDS
GUARD POSTS	I	DE5340 BANANA PEEL LRV 76 BY DUNN EDWARDS

MANUFACTURERS' DESIGNATIONS ARE SHOWN ONLY AS REFERENCE AND EXAMPLES OF QUALITY, COLOR AND FINISH. EQUAL MANUFACTURER'S PRODUCTS WHICH MATCH THESE PRODUCTS MAY BE SUBMITTED FOR REVIEW AND APPROVAL.

FLOOR PLAN

SCALE : 1/4" = 1'-0"

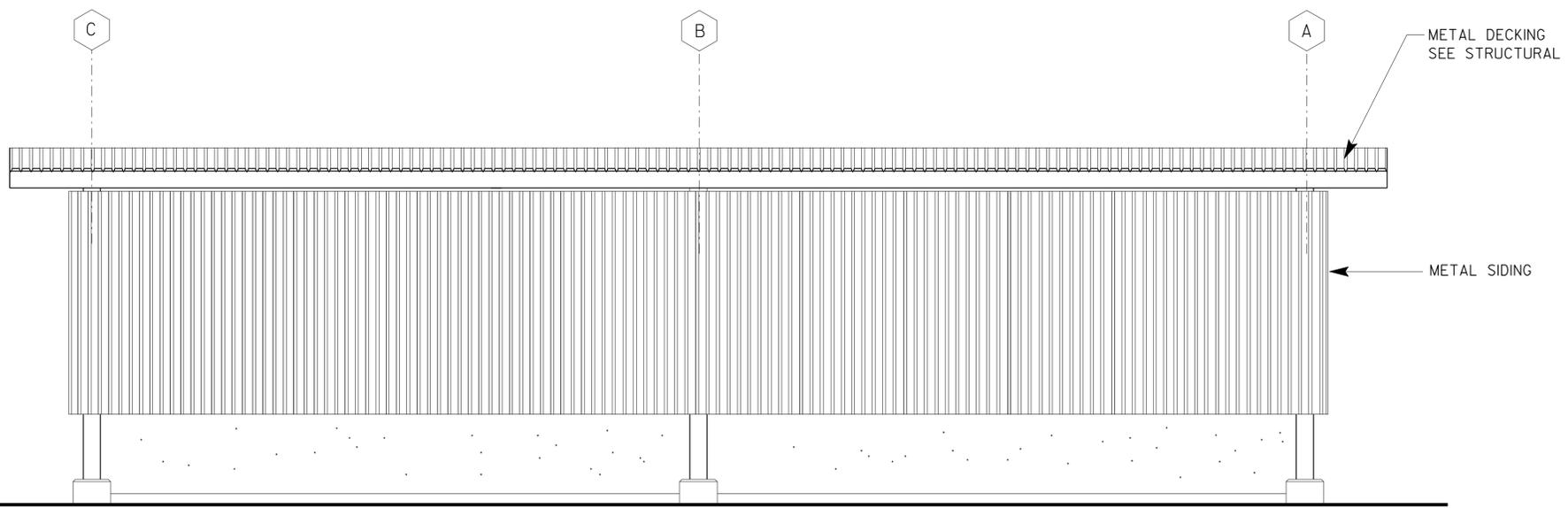
a1_1.dgn TAEMWW Imperial Rev. 7/10 17-MAR-2011 07:54	DESIGN BY MIKE AGHEKIAN CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE X	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS FLOOR PLAN AND COLOR SCHEDULE	SHEET A1-1
	DETAILS BY MIKE AGHEKIAN CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 03600 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES		

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

UNIT PROJECT NUMBER & PHASE: 03600 08000000811

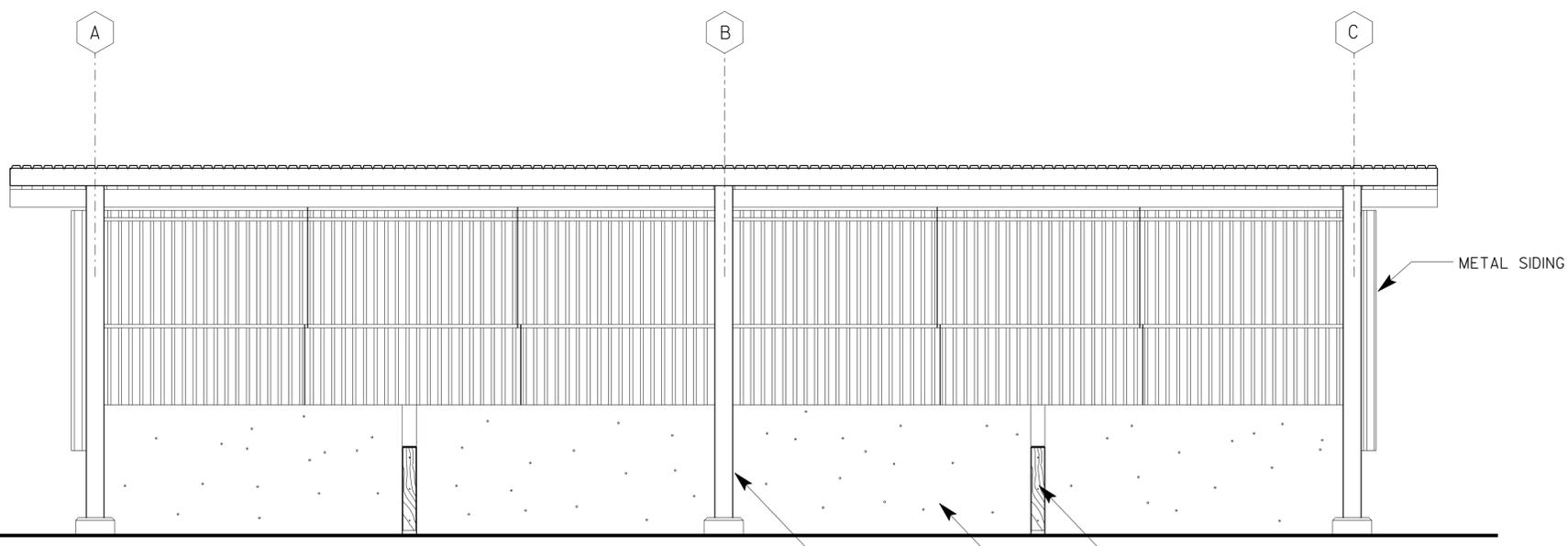
EA 0E3101

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		25	49
Donald E. Alsey LICENSED ARCHITECT		11-30-10 DATE			
3-14-11 PLANS APPROVAL DATE					
<i>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.</i>					



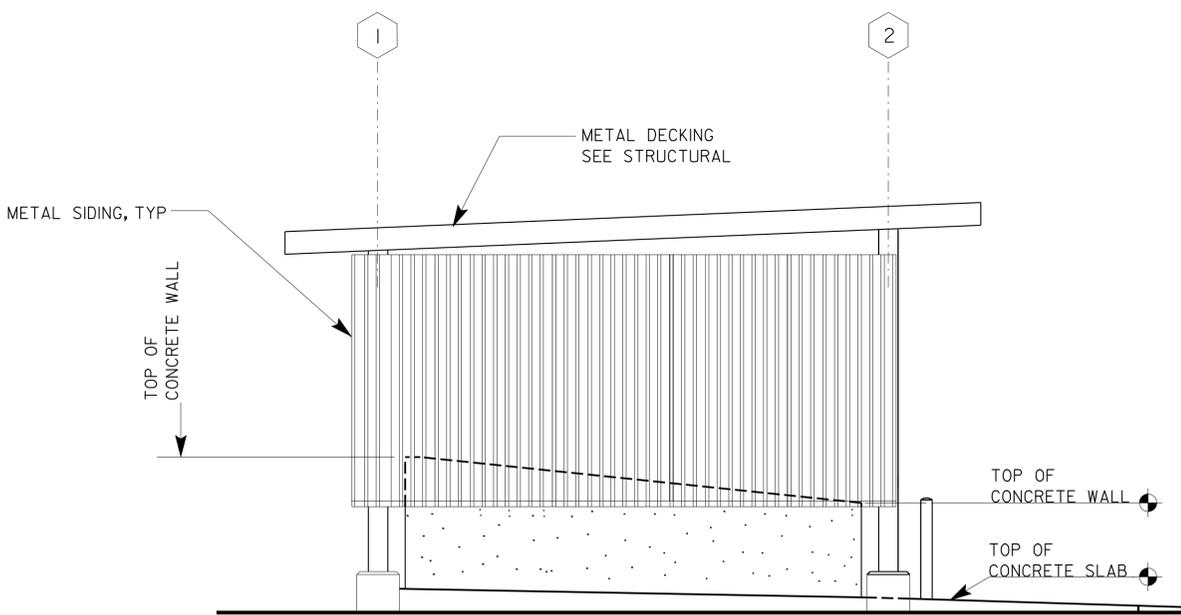
WEST EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



EAST EXTERIOR / INTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



SOUTH EXTERIOR ELEVATION

NORTH ELEVATION SIMILAR

SCALE: 1/4" = 1'-0"

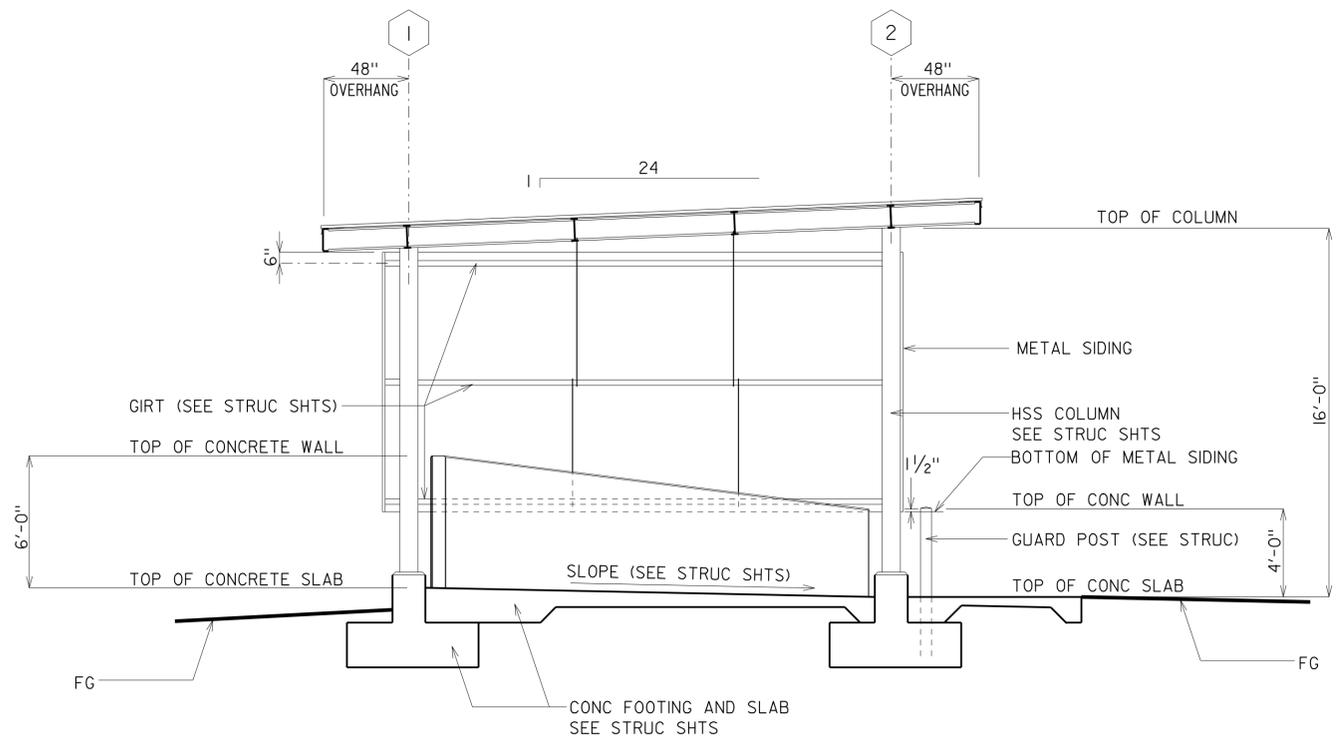
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	DETAILS BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>		UNIT PROJECT NUMBER & PHASE 03600 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3				EA 0E3101

17-MAR-2011 07:54

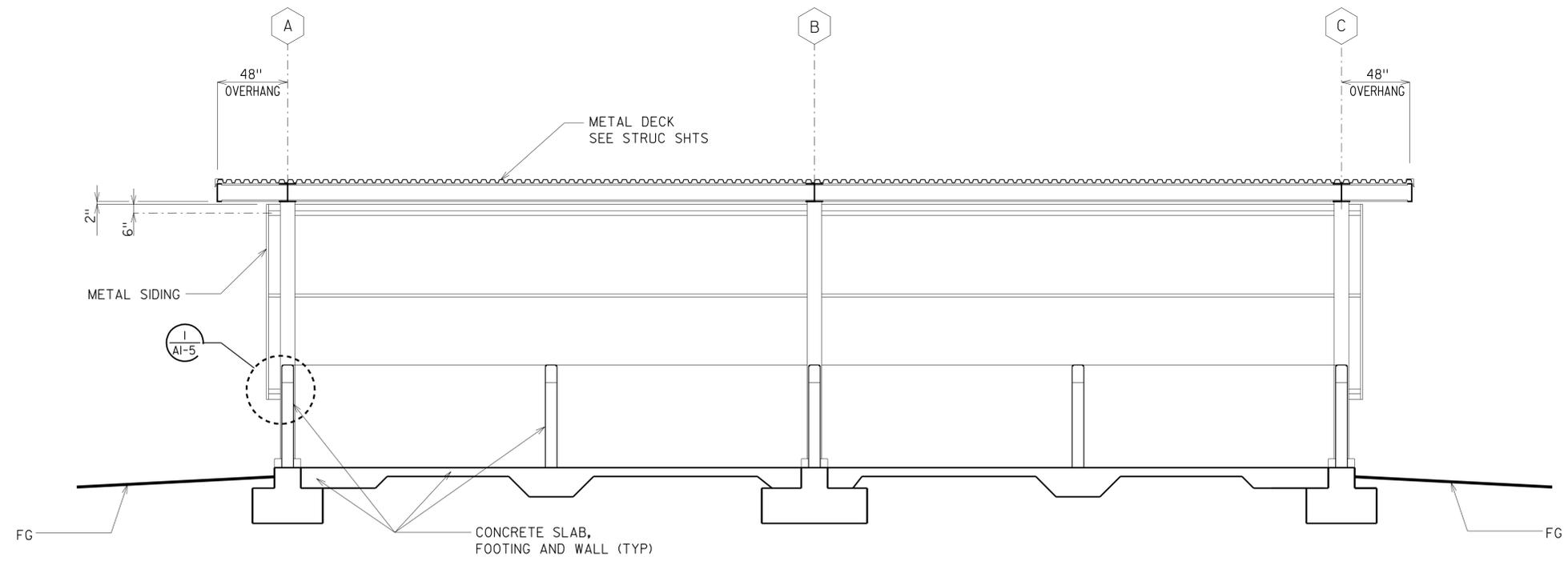
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		26	49

Donald E. Alsey
 LICENSED ARCHITECT
 DATE 11-30-10
 No. C-26676
 Exp. 7-31-11
 STATE OF CALIFORNIA

3-14-11
 PLANS APPROVAL DATE
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A SECTION
SCALE: 1/4" = 1'-0"



B SECTION
SCALE: 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0800000081**
 Reviewed by: *[Signature]*
 Date: 11-22-10

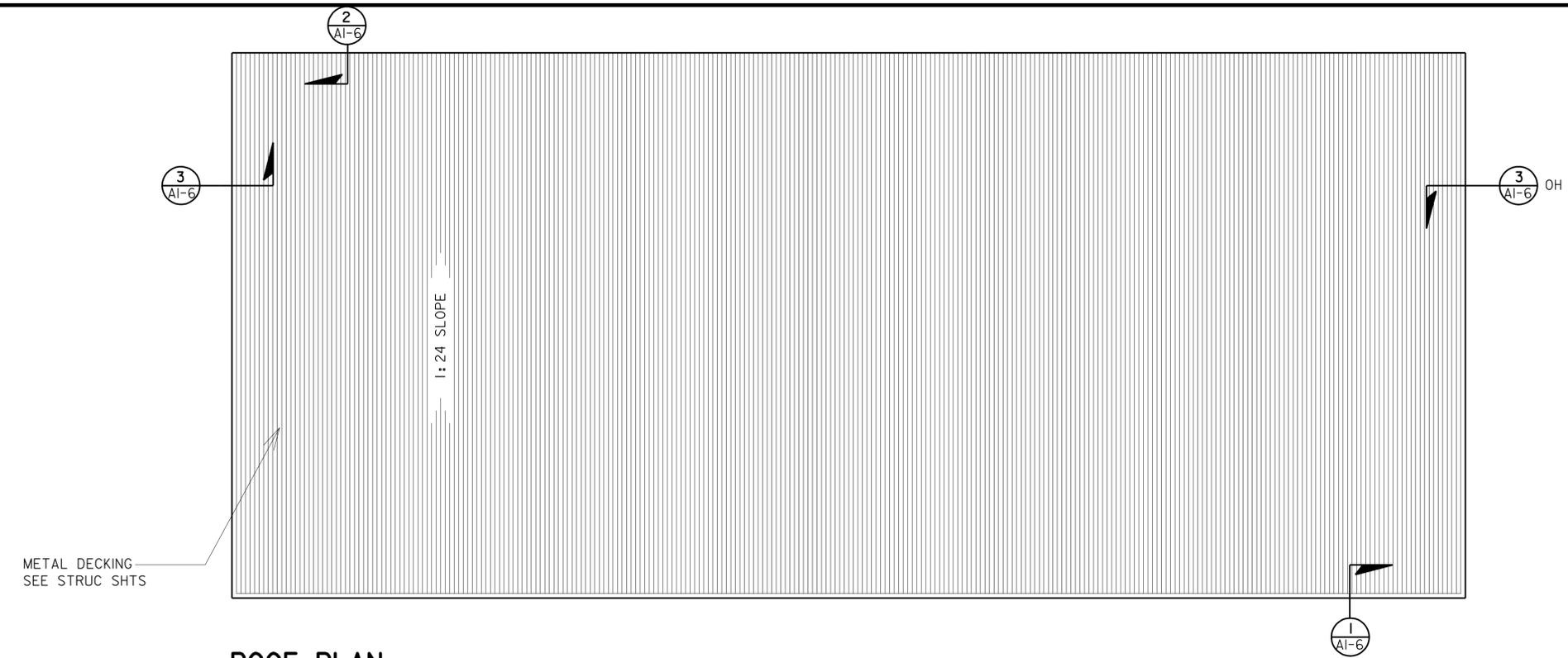
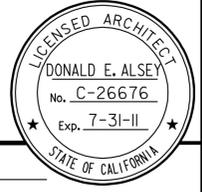
CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approvals subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 11-03-10

a1_3.dgn TAEMWW Imperial Rev. 7/10 17-MAR-2011 07:54	DESIGN BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE X	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS BUILDING SECTIONS A-A AND B-B	SHEET A1-3
	DETAILS BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>		UNIT PROJECT NUMBER & PHASE 03600 08000000811 EA 0E3101	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)

17-MAR-2011 07:54

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		27	49

Donald E. Alsey
 LICENSED ARCHITECT
 DATE 11-30-10
 3-14-11
 PLANS APPROVAL DATE
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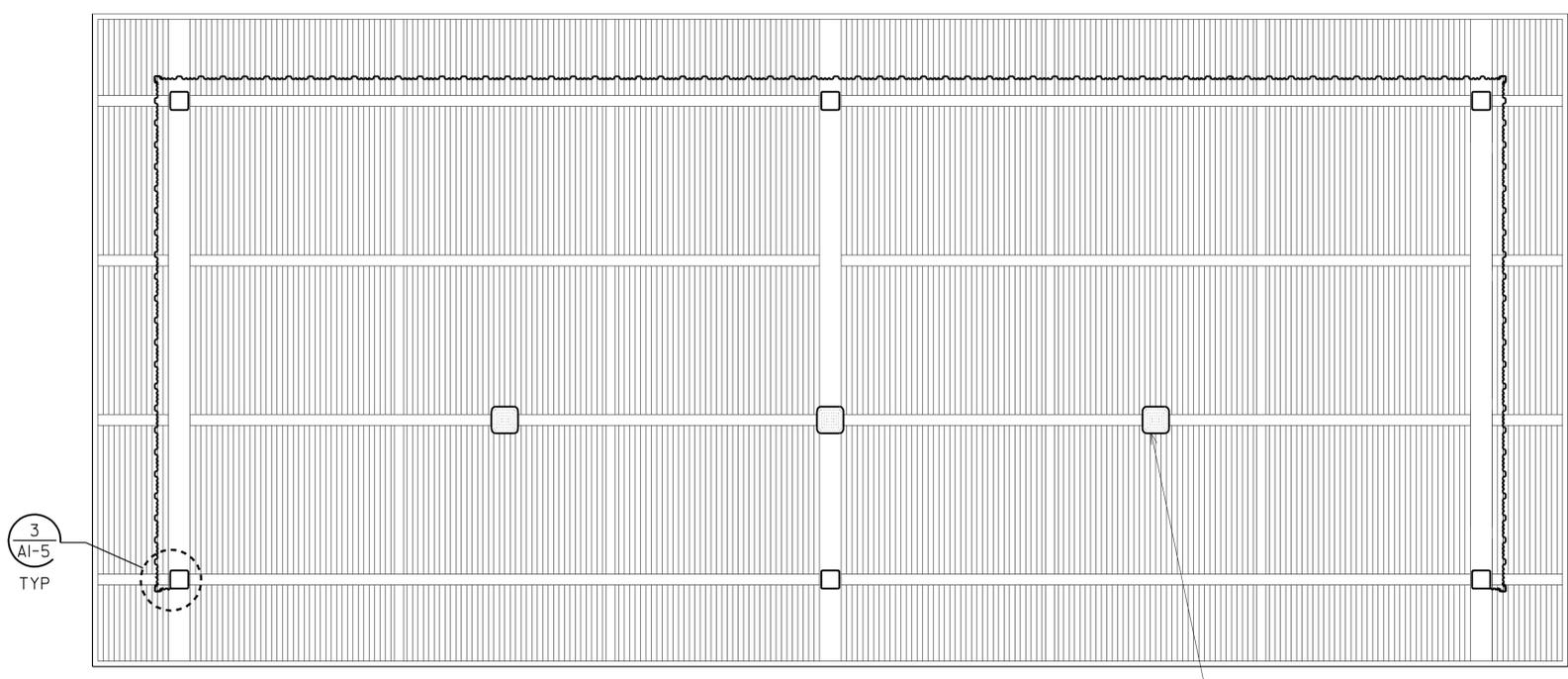


ROOF PLAN

SCALE: 1/4" = 1'-0"



ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0800000081 Reviewed by: <i>[Signature]</i> Date: 11-22-10	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: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-03-10
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REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



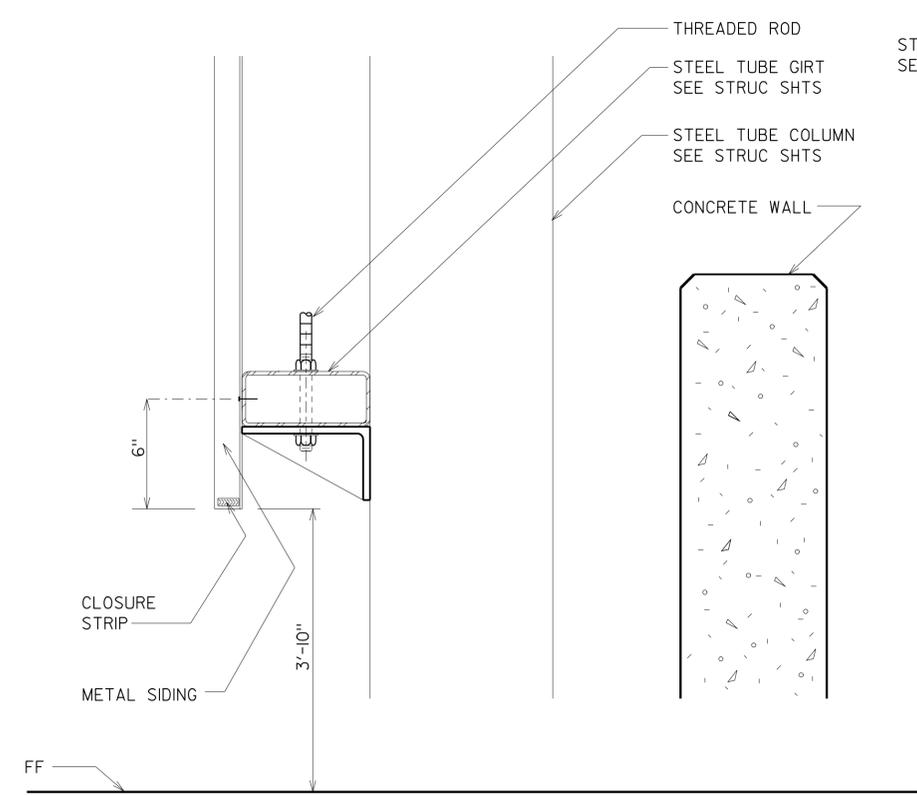
LEGEND

LIGHT FIXTURE

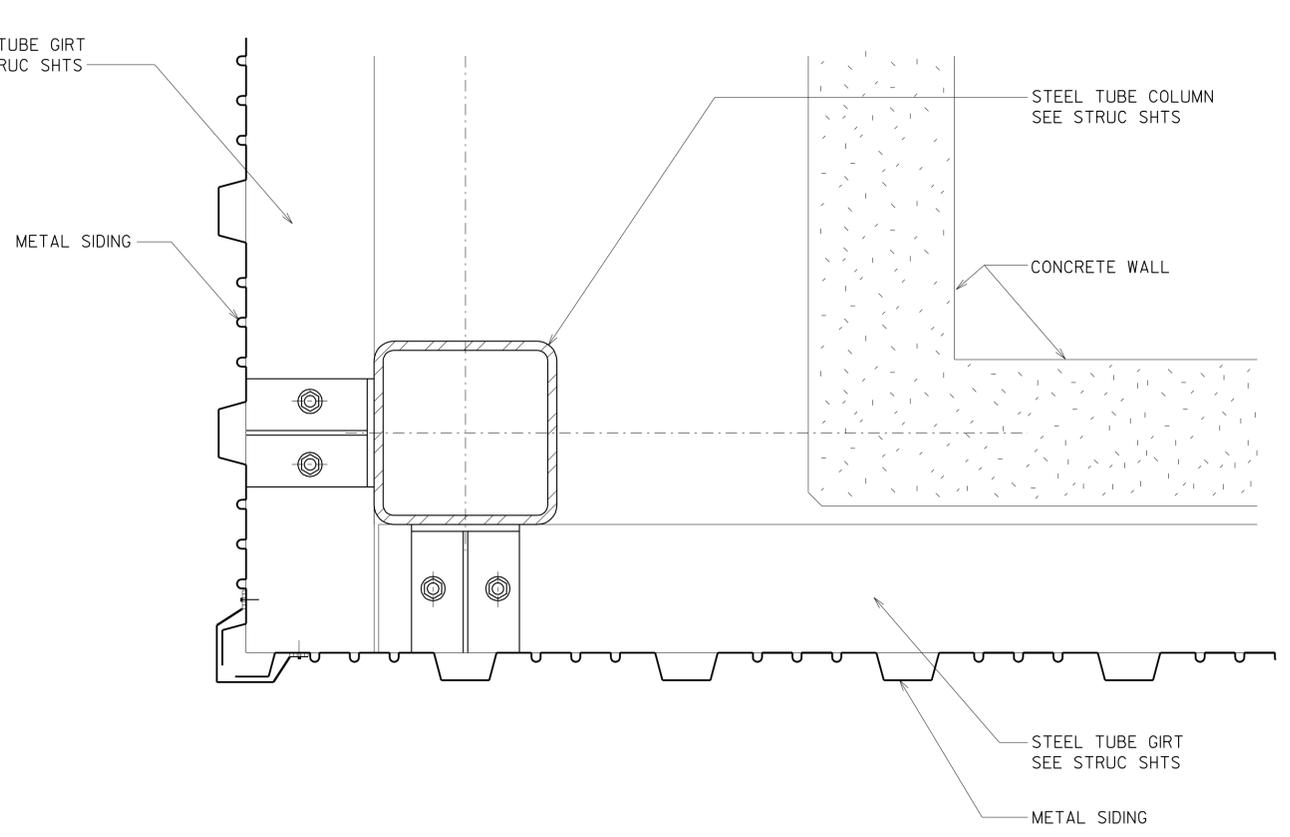
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	DETAILS BY MIKE AGHEKIAN	CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 03600 08000000811	POST MILE X		REVISION DATES (PRELIMINARY STAGE ONLY)
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		- 07	

17-MAR-2011 07:55

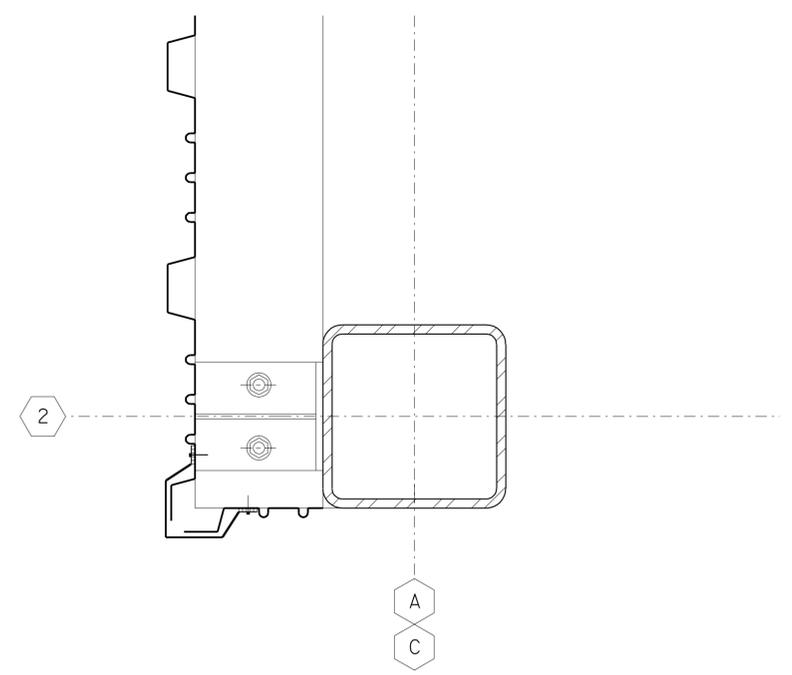
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		28	49
Donald E. Alsey LICENSED ARCHITECT			11-30-10 DATE		
3-14-11 PLANS APPROVAL DATE					
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1 **BOTTOM OF SIDING (SECTION VIEW)**
 FOR TOP OF SIDING DETAIL SEE A1-6 SCALE 2" = 1'-0"



2 **SIDING AT CORNER (PLAN VIEW)**
 SCALE 2" = 1'-0"

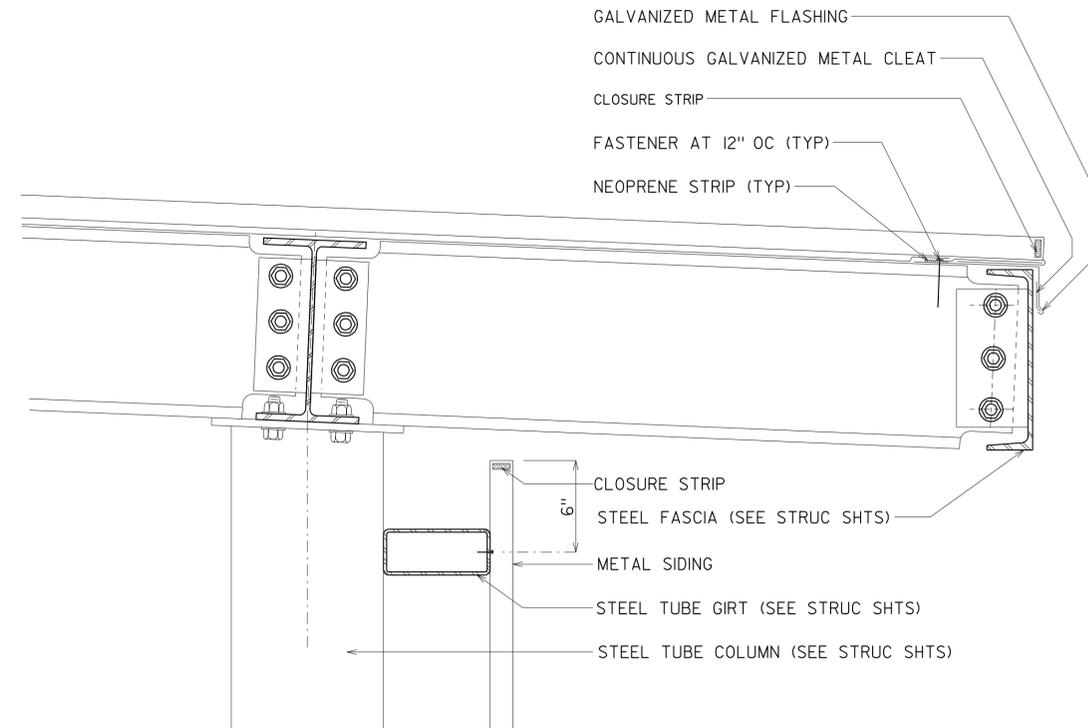
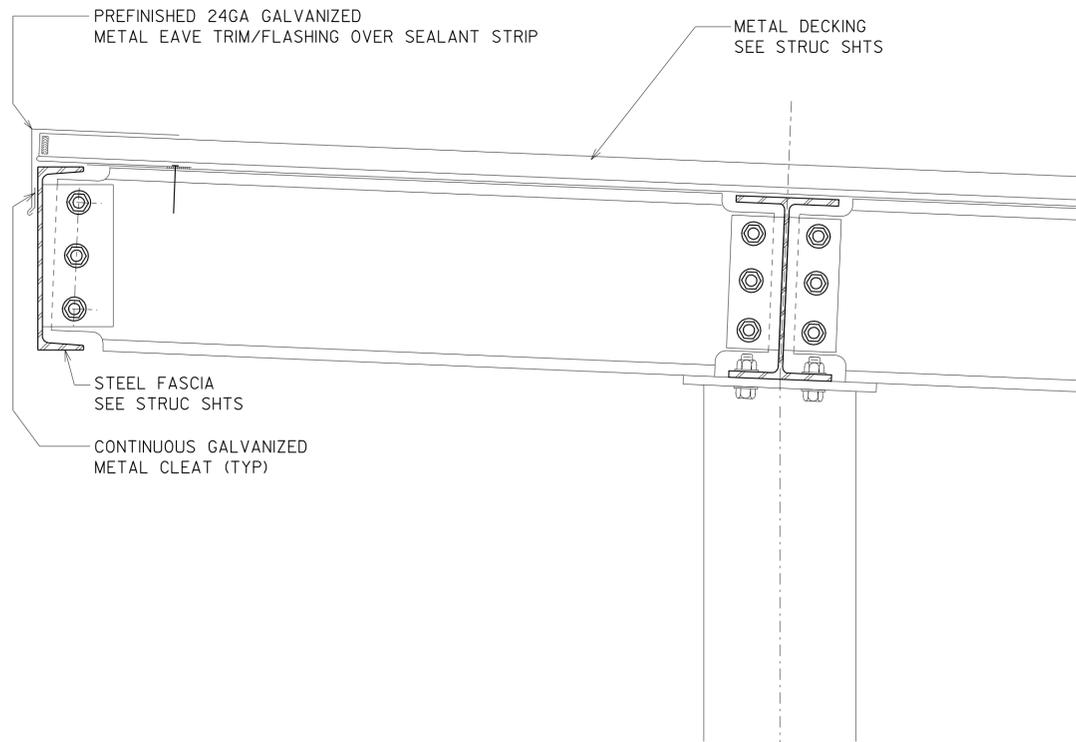


3 **SIDING AT FRONT TWO COLUMNS**
 SCALE 2" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0800000081	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: Date: 11-22-10	Reviewed by: FRANCIS SOLICH Approval date: 11-03-10

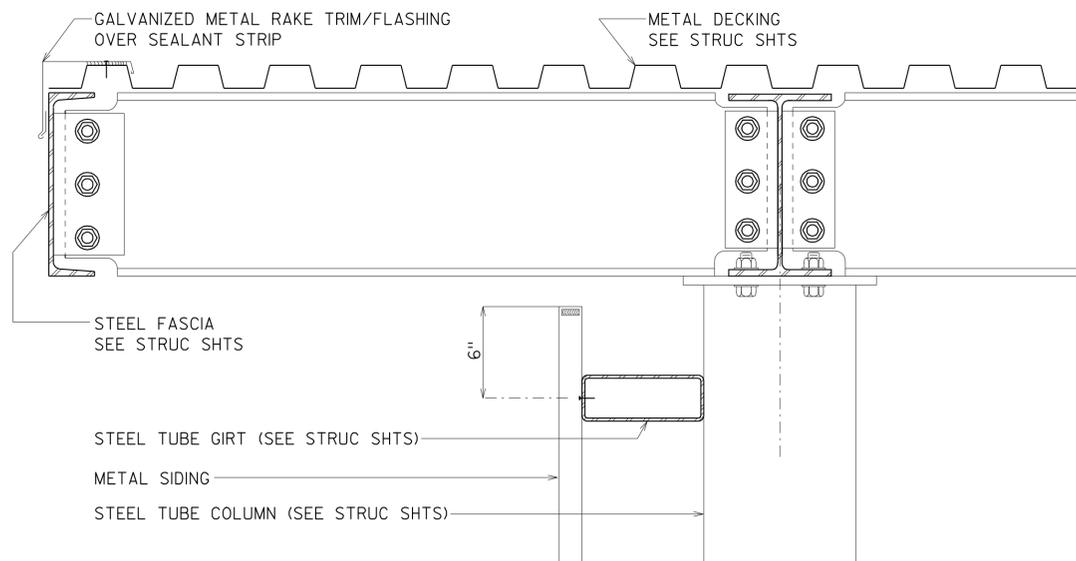
a1_5.dgn TAEMWW Imperial Rev. 7/10	DESIGN	BY MIKE AGHEKIAN	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 58M5707	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS BUILDING DETAILS	SHEET OF A1-5
	DETAILS	BY MIKE AGHEKIAN	CHECKED		ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE X		
16-MAR-2011 13:16	QUANTITIES	BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 03600 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) - -07	SHEET OF OF

16-MAR-2011 13:16



1 CANOPY UPPER EAVE SCALE 2" = 1'-0"

2 CANOPY LOWER EAVE SCALE 2" = 1'-0"



3 CANOPY RAKE SCALE 2" = 1'-0"

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		29	49

Donald E. Alsey
 LICENSED ARCHITECT
 DATE 11-30-10
 No. C-26676
 Exp. 7-31-11
 LICENSED ARCHITECT
 STATE OF CALIFORNIA

3-14-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0800000081 Reviewed by: <i>[Signature]</i> Date: 11-22-10	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: <i>[Signature]</i> FRANCIS SOLICH Approval date: 11-03-10
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a1_6.dgn TAEMWW Imperial Rev. 7/10 16-MAR-2011 13:16	DESIGN BY MIKE AGHEKIAN CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE X	BEECHERS MAINTENANCE STATION COVERED MATERIALS BINS ROOF DETAILS	SHEET A1-6
	DETAILS BY MIKE AGHEKIAN CHECKED <i>Donald E. Alsey</i>		UNIT 03600 PROJECT NUMBER & PHASE 08000000811 EA 0E3101	DISREGARD PRINTS BEARING EARLIER REVISION DATES →		

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

16-MAR-2011 13:16

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		30	49

08-04-10
 REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
 C. N. Bagat
 No. 46493
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

3-14-11
PLANS APPROVAL DATE

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ABBREVIATIONS

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

SYMBOLS

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

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

STANDARD DRAWING				APPROVED		BRIDGE NO.		BEECHERS MAINTENANCE STATION		SHEET	
FILE NO. XS-25-0	DESIGN BY	CHECKED	APPROVED	STATE OF CALIFORNIA		58M5707		COVERED MATERIAL BINS		ST-1	
DRAWING DATE 1-04	DETAILS BY	CHECKED	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION		POST MILE		LEGEND		OF	
DOES SD IMPACT Rev. 7/10				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT PROJECT NUMBER & PHASE		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
				0 1 2 3		3581 08000000811		1-16-04		SHEET OF	

16-MAR-2011 13:16 st_01.dgn

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 = x
 $S_S = 0.908$ $S_{DS} = 0.688$
 $S_I = 0.381$ $S_{DI} = 0.416$
 Seismic Design Category = D
Seismic Force-Resisting System:
 Cantilevered Column System
North - South
 Ordinary steel moment frames.
 $R = 1.25$ $C_S = 0.5504$
 Cantilevered Column System
East - West
 Ordinary steel moment frames.
 $R = 1.25$ $C_S = 0.5504$
WIND: Basic Wind Speed = 85 mph I = 1.0
 $\lambda = 1.0$
 $K_z t = 1.0$
 Wind Pressure on Components and Cladding = 22 psf
LIVE LOAD: Roof = 20 psf

- For Concrete see: "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; galvanized 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:
 Soils report dated : SEP03, 2009
 Allowable Soil Pressure (DL + LL) : = 4,000 psf
 For Soil Classification, see Log of Test Boring Sheets.

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		32	49



08-04-10
 REGISTERED CIVIL ENGINEER DATE

3-14-11
 PLANS APPROVAL DATE

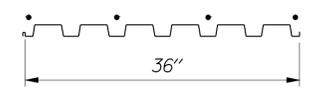
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METAL DECK MINIMUM SECTION PROPERTIES

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Metal Decking	1/2" x 20 Ga	0.220 in ⁴ /ft	0.235 in ³ /ft	0.246 in ³ /ft	38 Ksi

Note
 Minimum 3 Span Condition

SCREW SCHEDULE and STEEL DECK PROFILE

Metal Deck Profile	Self-Drilling Self-Tapping Screws			Diaphragm Shear Capacity
	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	
	4 - #12 Teks 5 Per Support	#12 Teks 5 @ 12" OC	#12 Teks 5 @ 12" OC	490 lb/ft

A METAL DECK NOTES

DESIGN	BY Chandra Bapat	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Chandra Bapat
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

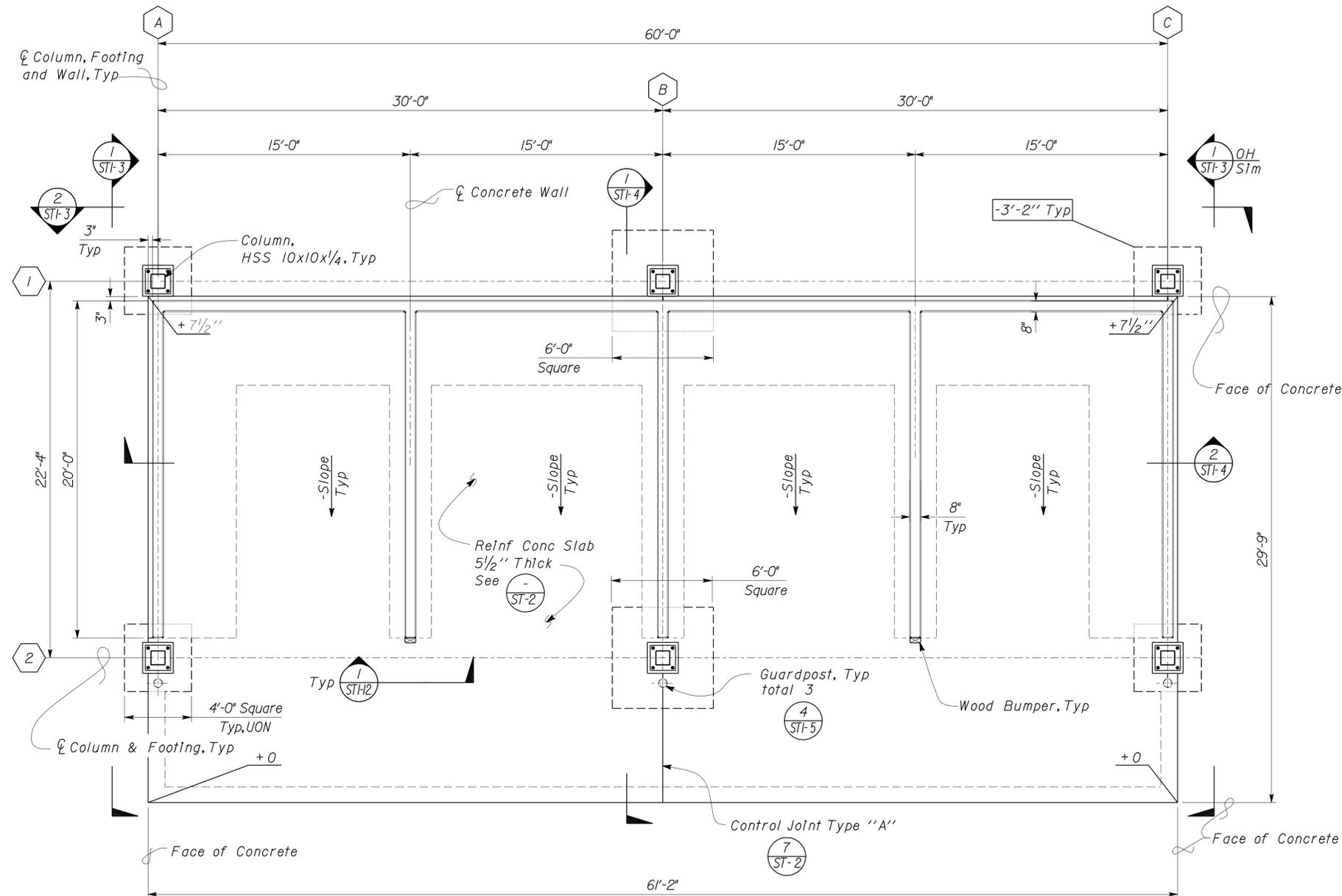
DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	58M5707
POST MILE	

BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS
 DESIGN CRITERIA AND DETAIL NOTES

SHEET **ST1-0**

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		33	49
 REGISTERED CIVIL ENGINEER			08-04-10 DATE		
3-14-11 PLANS APPROVAL DATE					
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1 STORAGE BIN PLAN
Scale 1/4" = 1'-0"

Elevation 2493.42 - Datum 0'-0"


DESIGN ENGINEER

DESIGN	BY Chandra Bapat	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Chandra Bapat
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
58M5707
POST MILE

**BEECHERS MAINTENANCE STATION
COVERED MATERIAL BINS**
FOUNDATION PLAN

SHEET
ST1-1

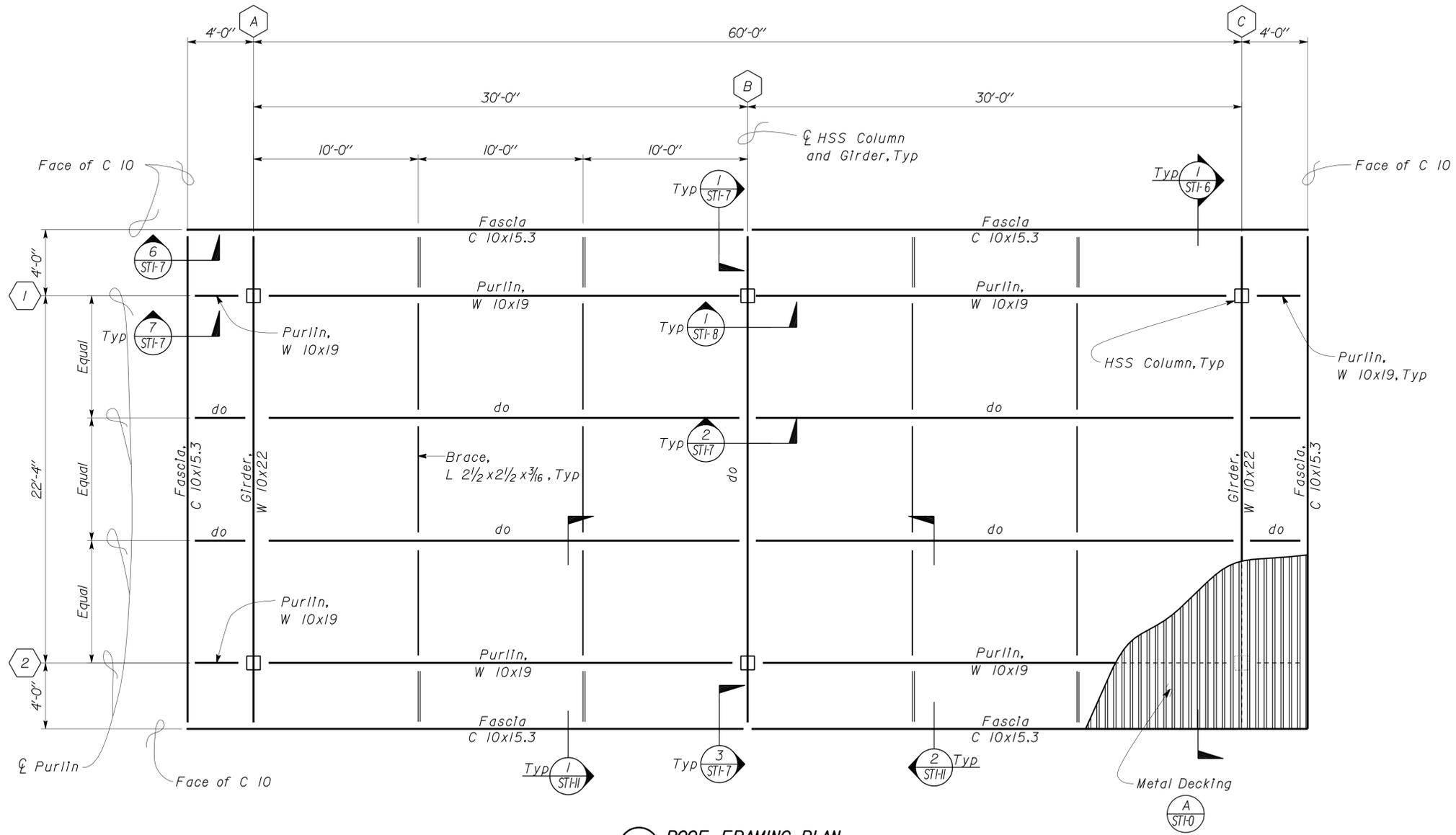
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		34	49

Bapat
REGISTERED CIVIL ENGINEER 08-04-10
DATE



3-14-11
PLANS APPROVAL DATE

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1 ROOF FRAMING PLAN
Scale 1/4" = 1' - 0"

DESIGN	BY Chandra Bapat	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Chandra Bapat
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 58M5707	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS	SHEET ST1-2
POST MILE		OF
MATERIALS STORAGE BIN		ROOF FRAMING PLAN

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		35	49

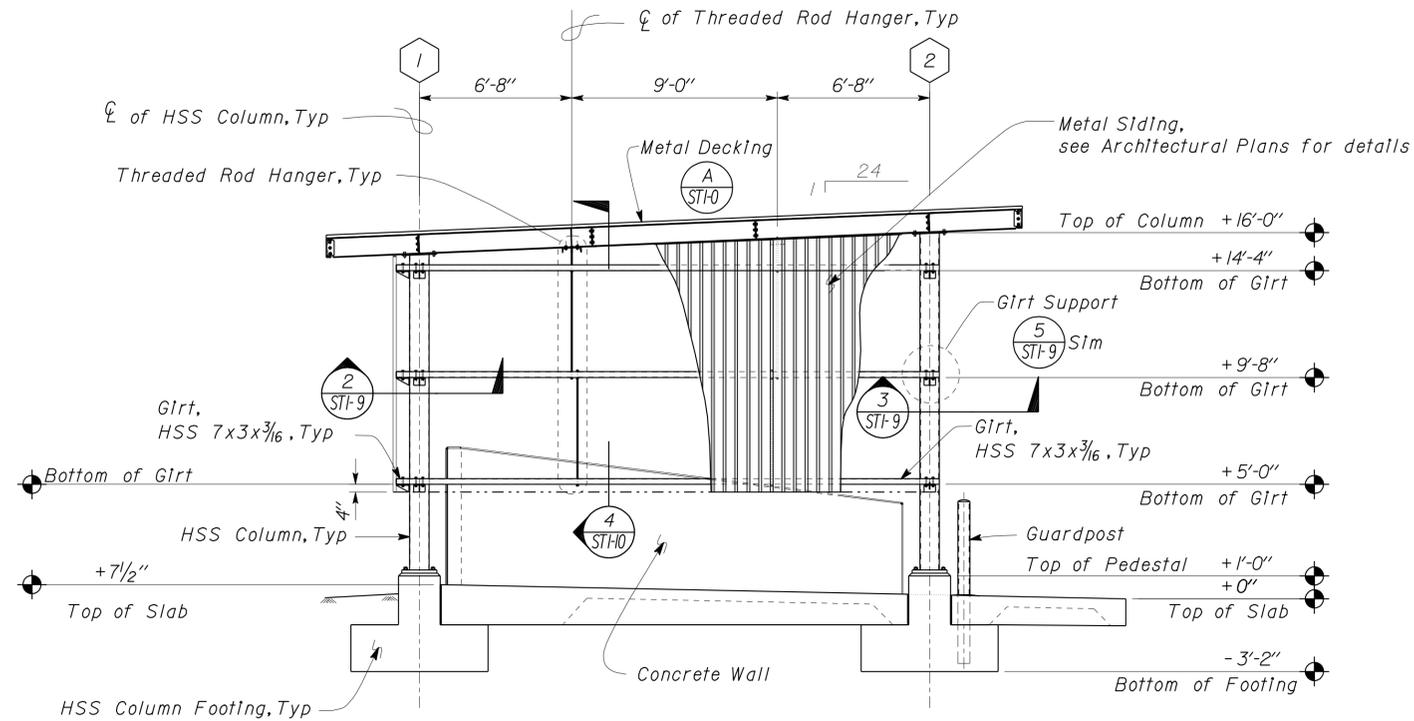
C. N. Bapat
REGISTERED CIVIL ENGINEER

08-04-10
DATE

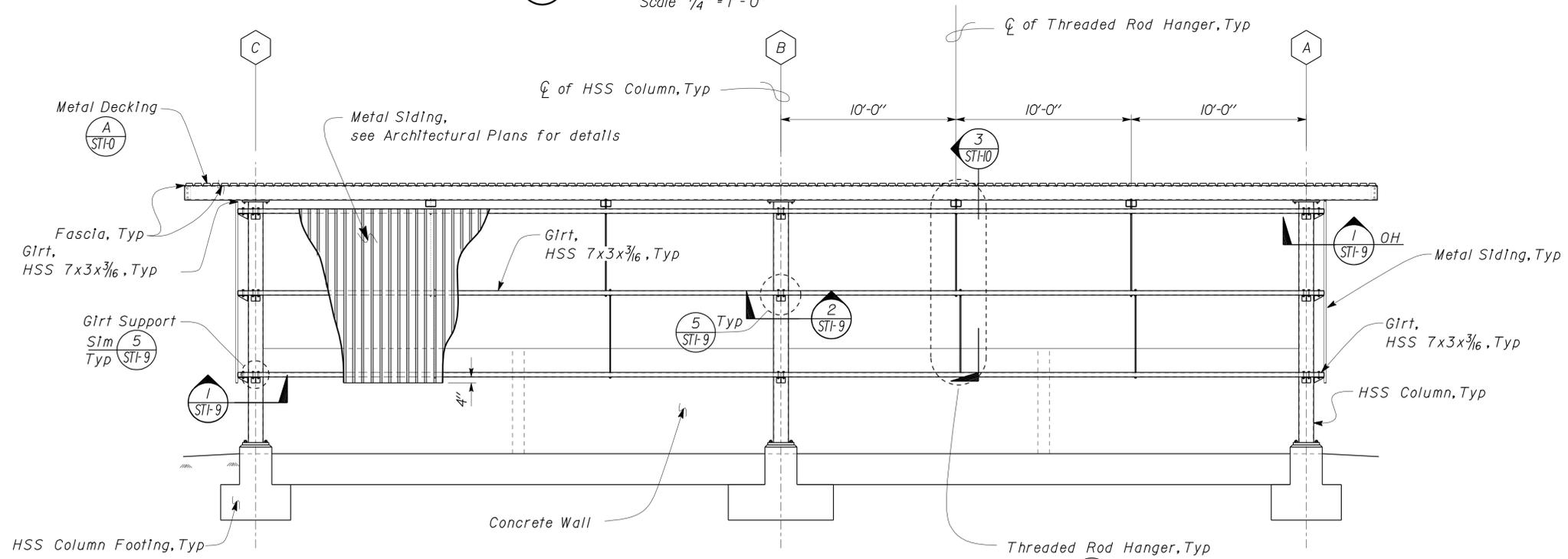
3-14-11
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
C. N. Bapat
No. 46493
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA



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



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

DESIGN BY Chandra Bapat CHECKED Thomas Tong DETAILS BY Daniel Harakh CHECKED Chandra Bapat QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS ELEVATIONS	SHEET ST1-3 OF
DOES SD IMPACT REPORT Rev. 7/10	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3581 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 07-16-10 09-14-10 09-16-10 09-23-10 10-28-10	MATERIALS STORAGE BIN	SHEET OF

D:\user\Projects\Dist_08\0800000081_beechers_corner_ms\Expedite_11-29-2010\st1_03.dgn

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Sbd	5705		36	49

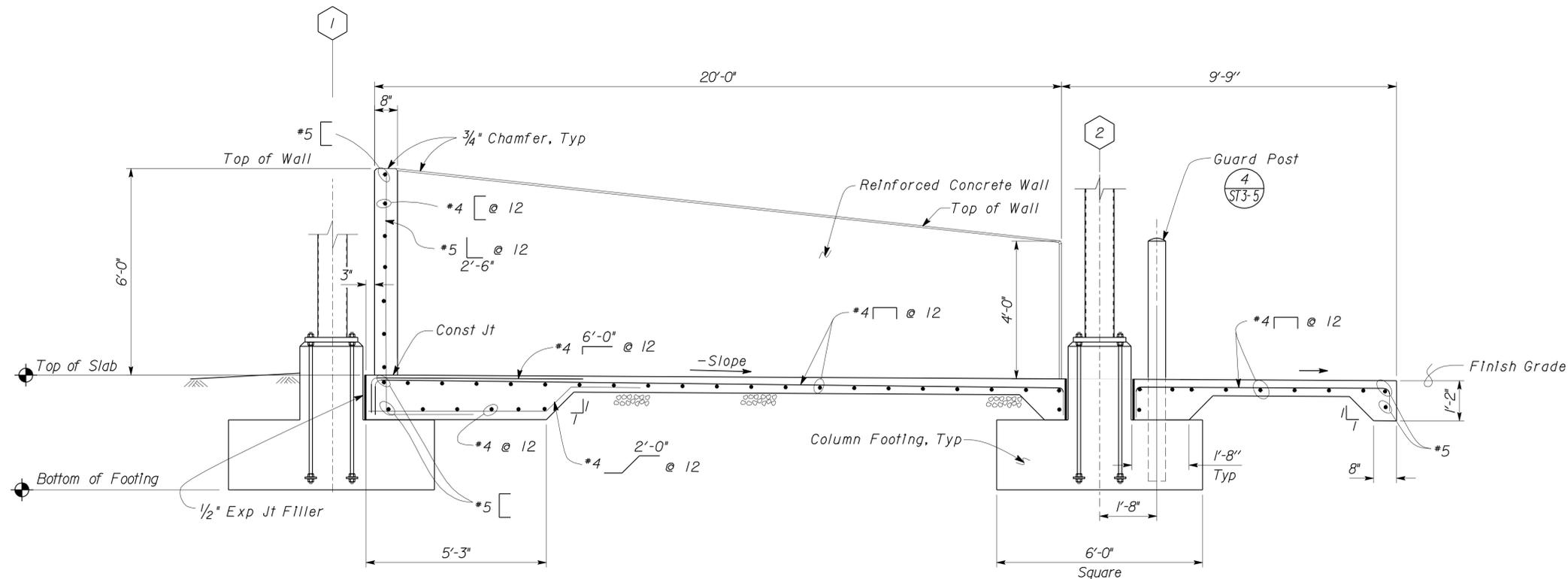
Bapat
REGISTERED CIVIL ENGINEER

08-04-10
DATE

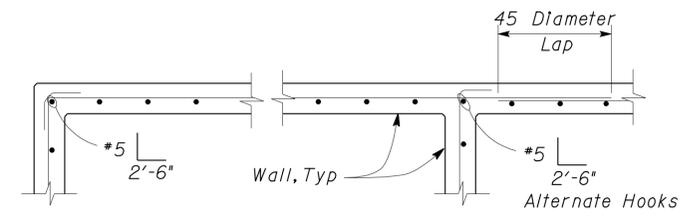
3-14-11
PLANS APPROVAL DATE

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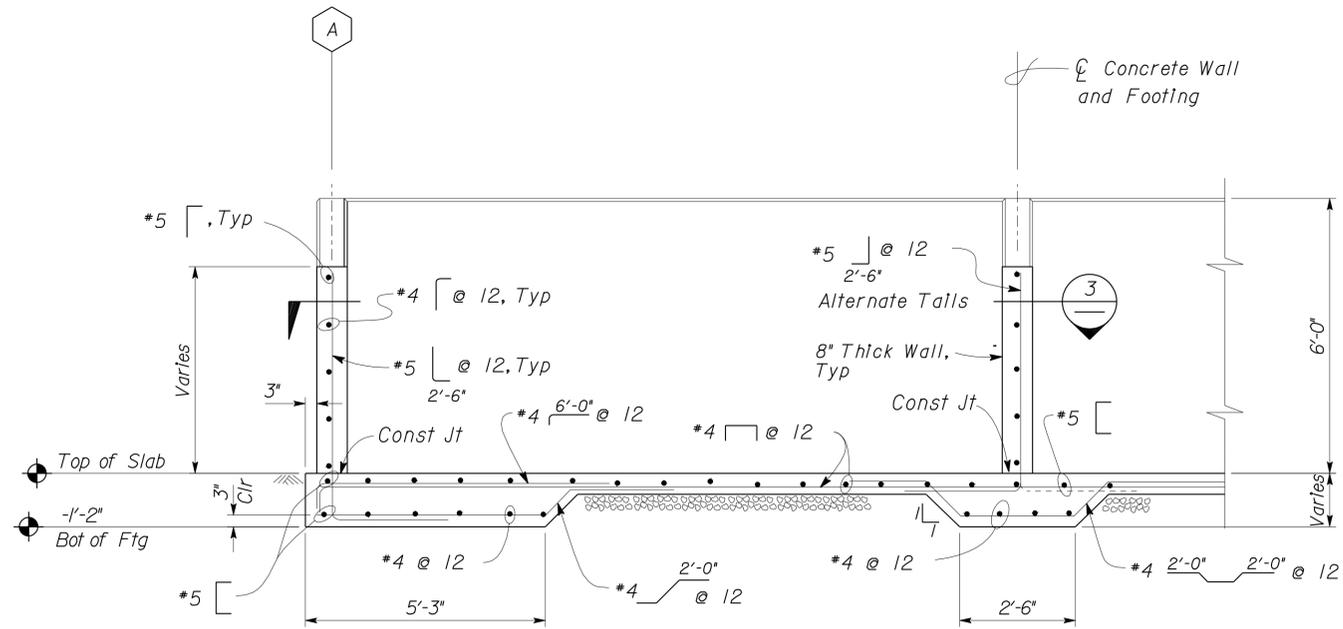
REGISTERED PROFESSIONAL ENGINEER
 C. N. Bapat
 No. 46493
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA



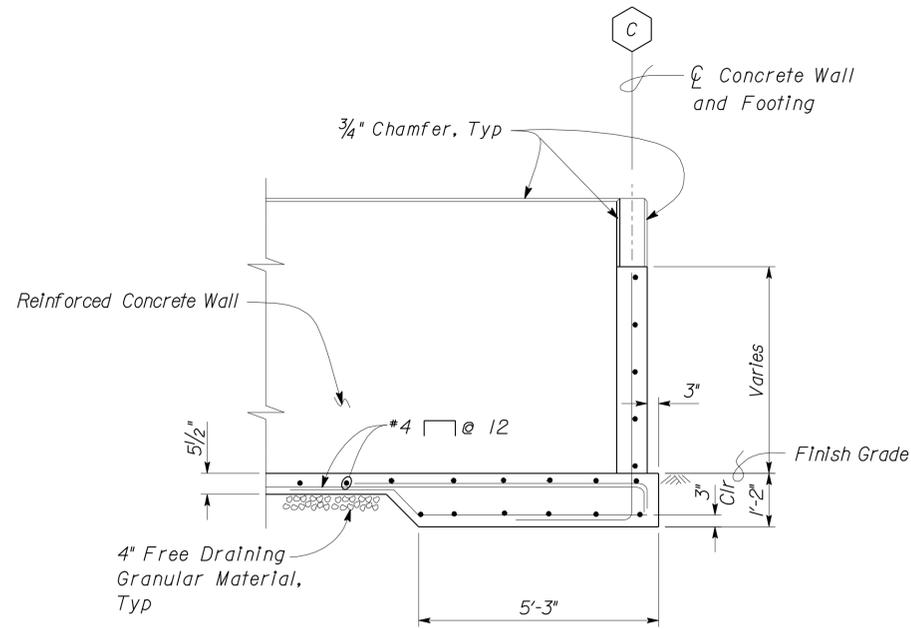
1 TRANSVERSE SECTION
SCALE: 1/2" = 1'-0"



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

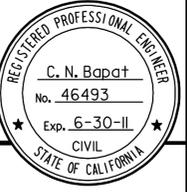


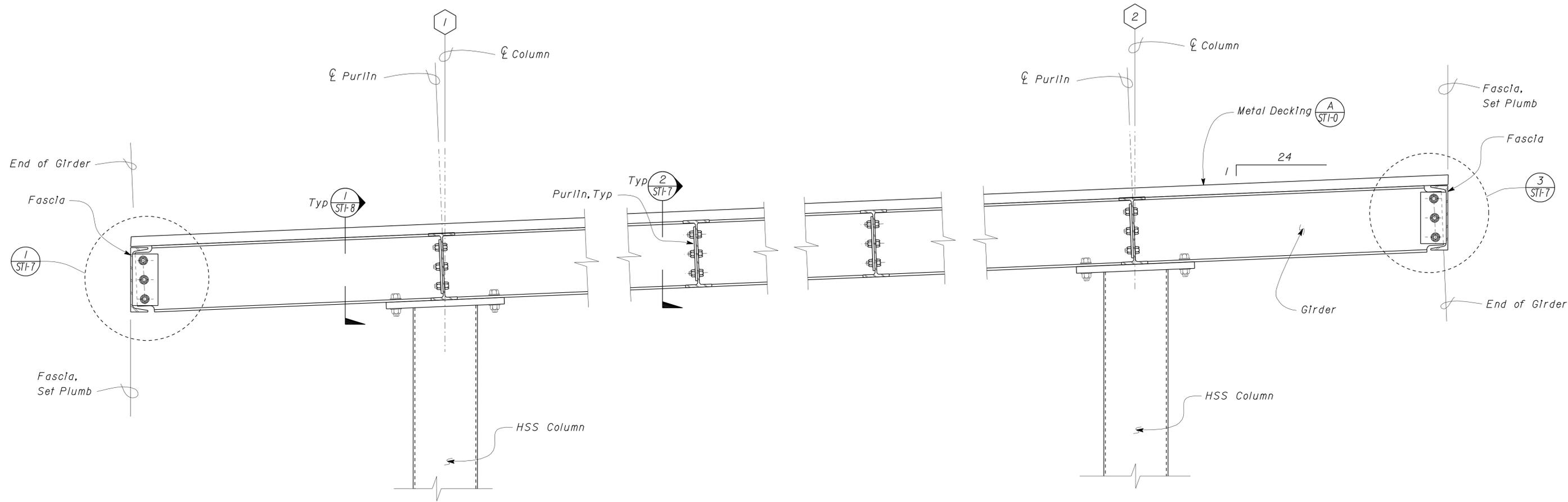
2 LONGITUDINAL SECTION
SCALE: 1/2" = 1'-0"



DESIGN BY Chandra Bapat CHECKED Thomas Tong DETAILS BY Daniel Harakh CHECKED Chandra Bapat QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 58M5707 POST MILE	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS WALL AND SLAB SECTIONS	SHEET ST1-4 OF
DOES SD IMPACT... Rev. 7/10		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3581 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	
		0 1 2 3	REVISION DATES (PRELIMINARY STAGE ONLY) 07-16-10 09-14-10 09-16-10 09-23-10		SHEET OF

29-MAR-2011 13:44

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Sbd	5705		38	49
<i>Bapat</i> REGISTERED CIVIL ENGINEER			08-04-10 DATE		
3-14-11 PLANS APPROVAL DATE					
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1 PARTIAL ROOF SECTION
SCALE: 1/2" = 1' - 0"

DESIGN	BY Chandra Bapat	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Chandra Bapat
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

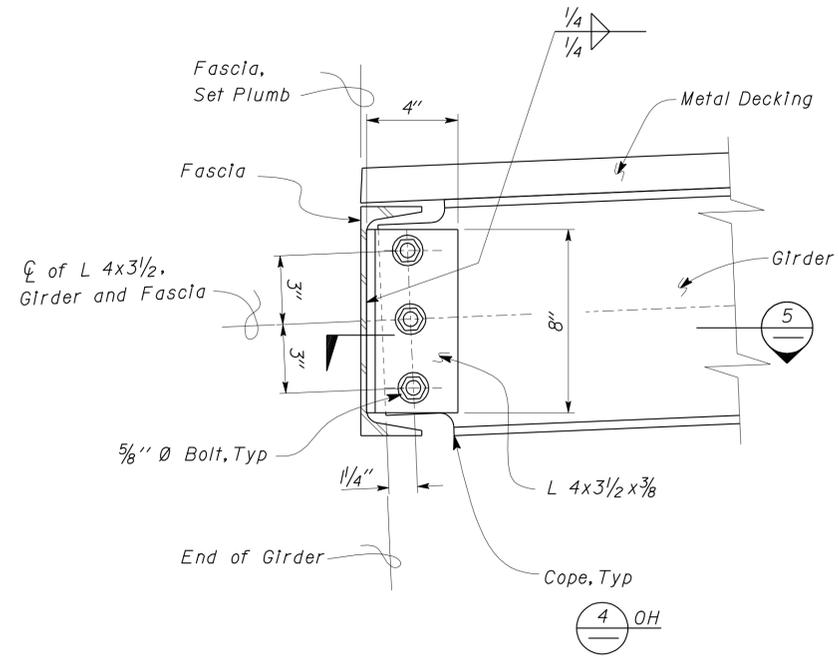
BRIDGE NO.	58M5707
POST MILE	

BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS
MATERIALS STORAGE BIN
CANOPY SECTION AND DETAILS

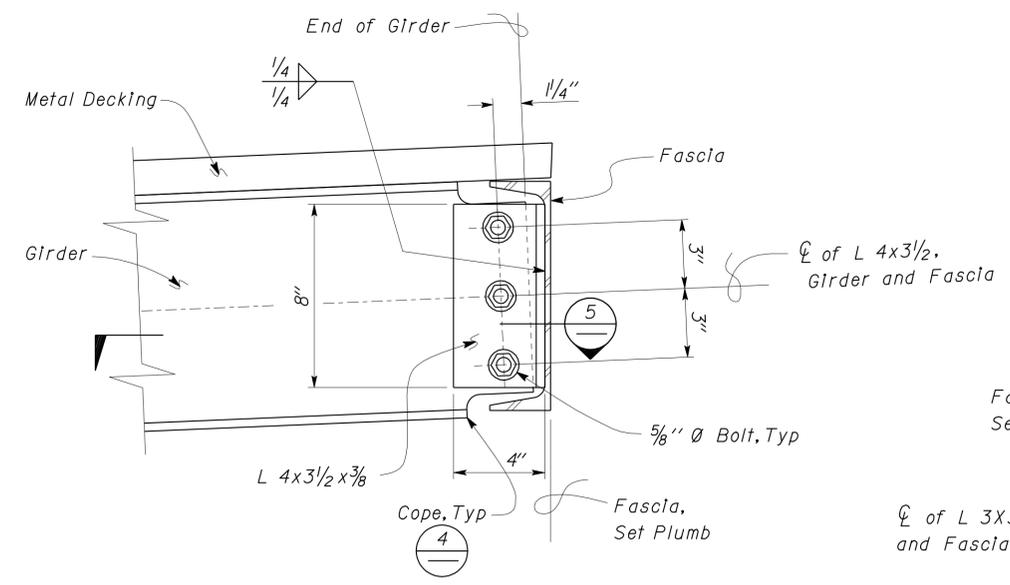
SHEET **ST1-6** OF



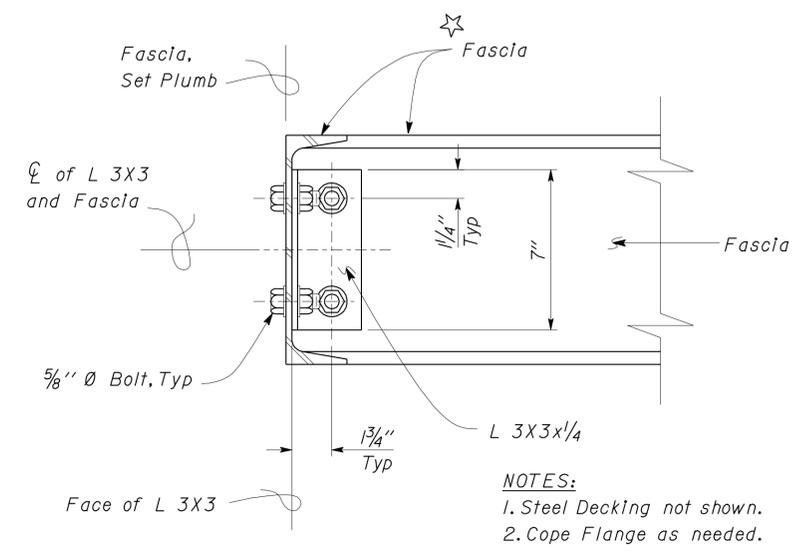
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		39	49
<i>Bapat</i> REGISTERED CIVIL ENGINEER			08-04-10 DATE	C. N. Bapat No. 46493 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA	
3-14-11 PLANS APPROVAL DATE					
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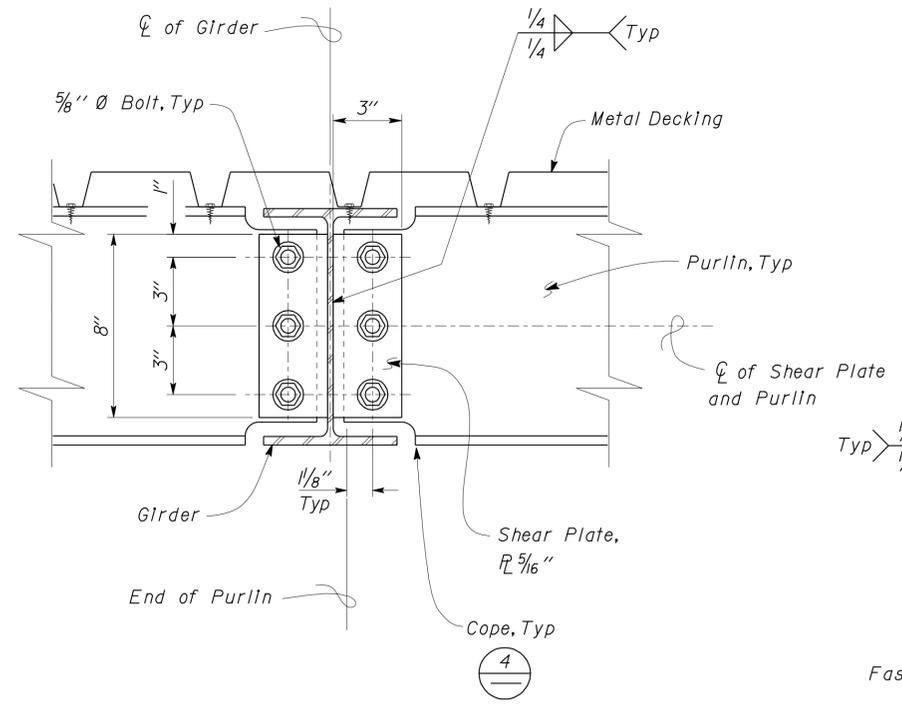
1 GIRDER TO FASCIA CONNECTION
SCALE: 3" = 1' - 0"



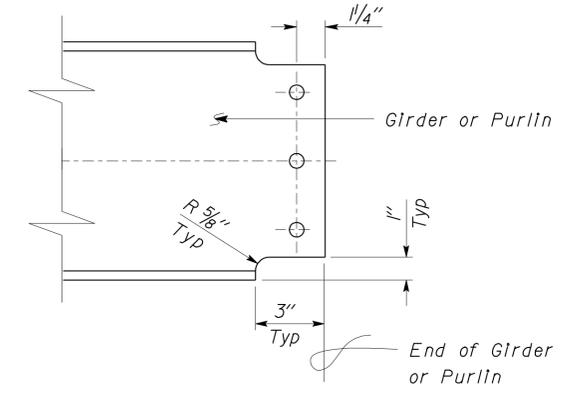
3 GIRDER TO FASCIA CONNECTION
SCALE: 3" = 1' - 0"



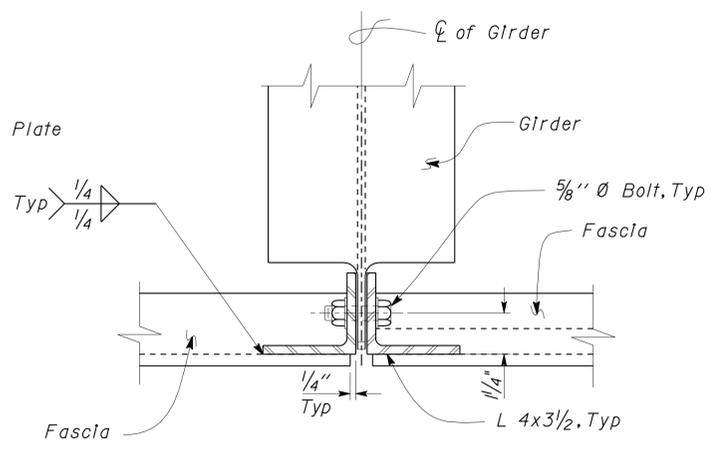
6 FASCIA TO FASCIA CONNECTION
SCALE: 3" = 1' - 0"



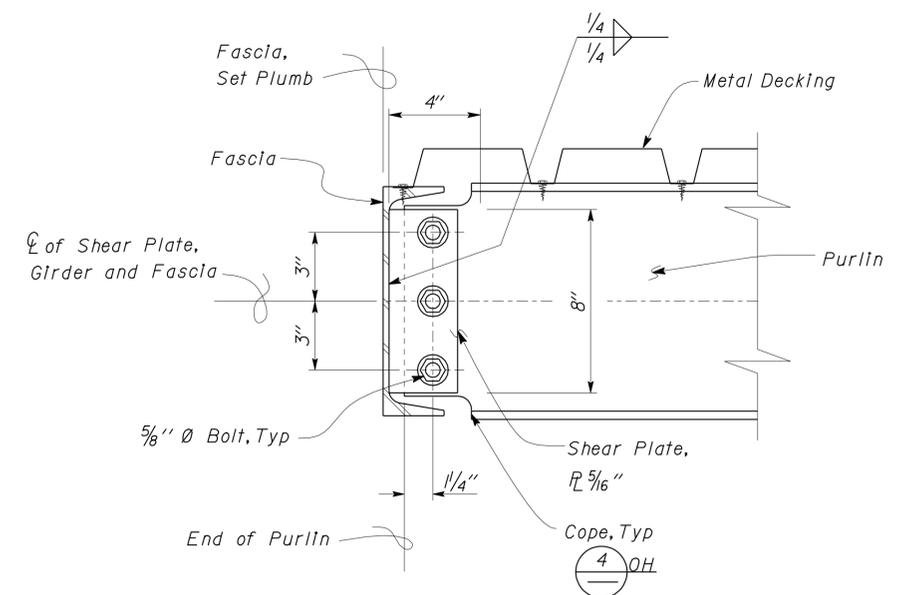
2 PURLIN TO GIRDER CONNECTION
SCALE: 3" = 1' - 0"



4 GIRDER OR PURLIN COPING DETAIL
SCALE: 3" = 1' - 0"



5 GIRDER TO FACIA CONNECTION
SCALE: 3" = 1' - 0"



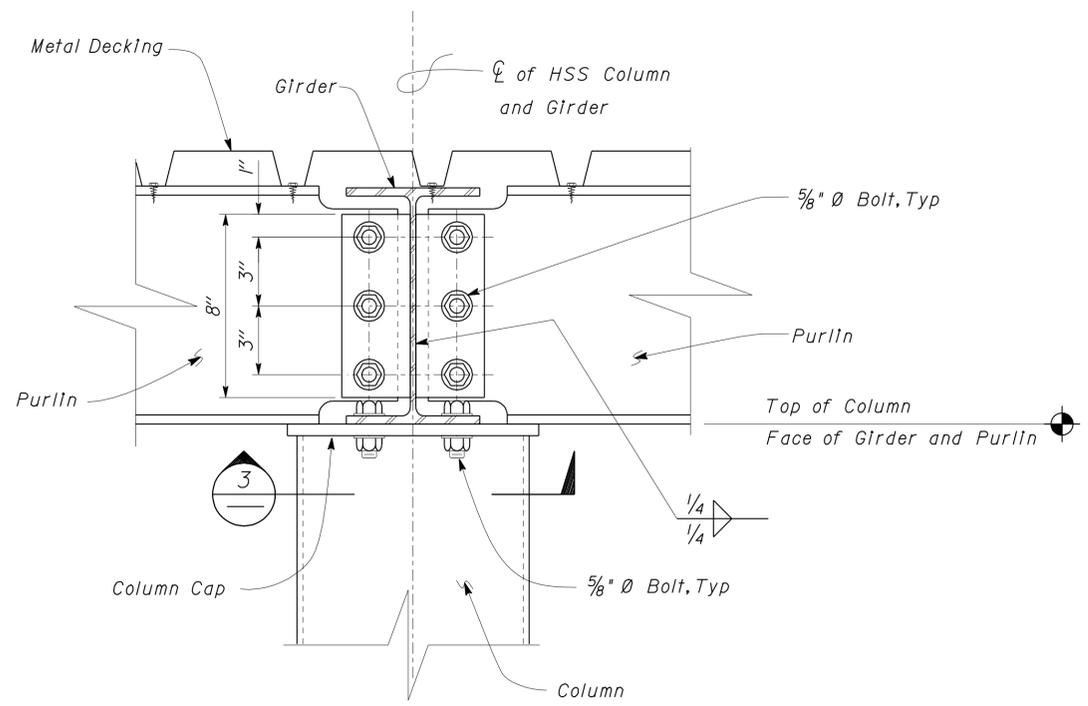
7 PURLIN TO FASCIA CONNECTION
SCALE: 3" = 1' - 0"

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	58M5707	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS	SHEET	ST1-7
	DETAILS	BY	Daniel Harakh	CHECKED			Chandra Bapat	POST MILE			MATERIALS STORAGE BIN
QUANTITIES	BY		CHECKED								
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	REVISION DATES (PRELIMINARY STAGE ONLY)		
UNIT PROJECT NUMBER & PHASE					3581 08000000811		DISREGARD PRINTS BEARING EARLIER REVISION DATES		07-16-10 09-14-10 09-16-10		
DOES SD Imp... Rev. 7/10											

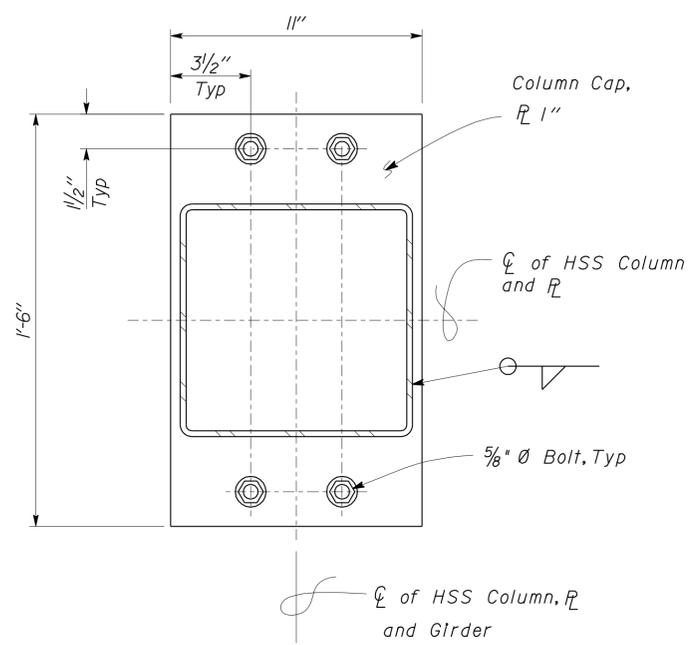
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		40	49

Bapat
REGISTERED CIVIL ENGINEER
DATE 08-04-10
C. N. Bapat
No. 46493
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

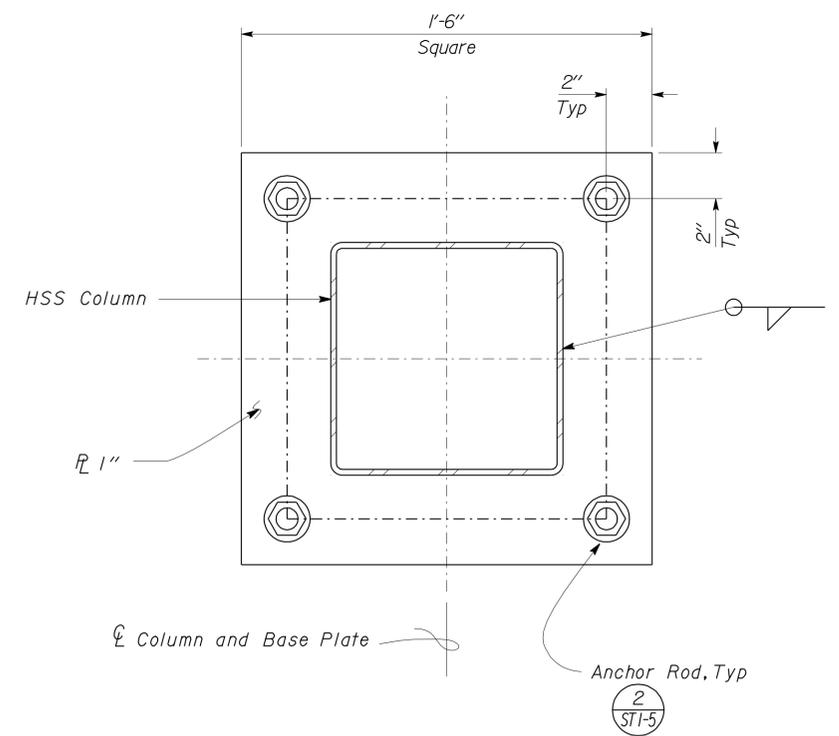
3-14-11
PLANS APPROVAL DATE
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1 GIRDER TO PURLIN CONNECTION
SCALE: 3" = 1'-0"



3 COLUMN CAP DETAIL
SCALE: 3" = 1'-0"



2 HSS COLUMN BASE PLATE PLAN
SCALE: 3" = 1'-0"

DESIGN	BY Chandra Bapat	CHECKED Thomas Tong
DETAILS	BY Daniel Harakh	CHECKED Chandra Bapat
QUANTITIES	BY	CHECKED

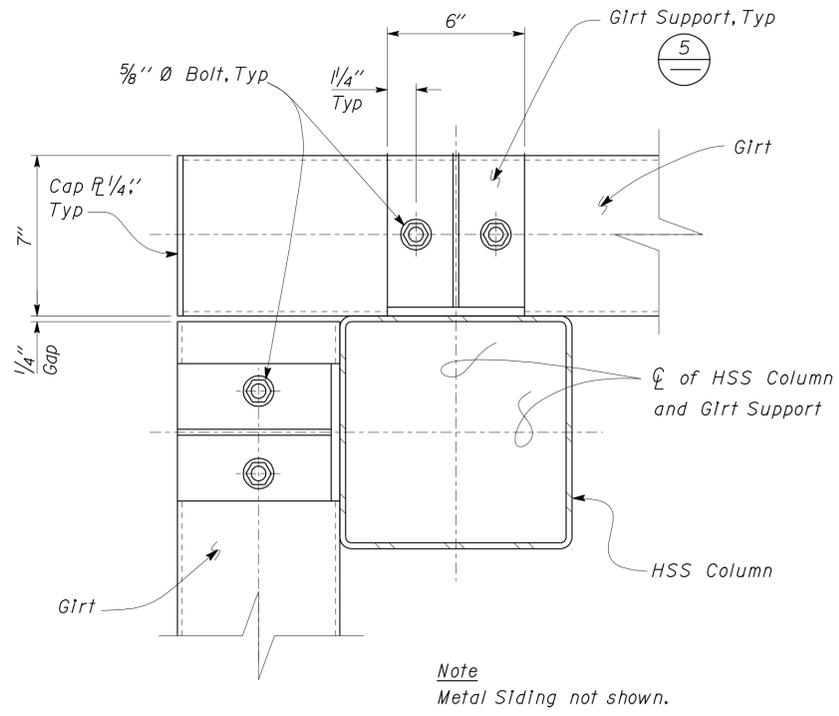
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 58M5707	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS	SHEET ST1-8
POST MILE		MATERIALS STORAGE BIN

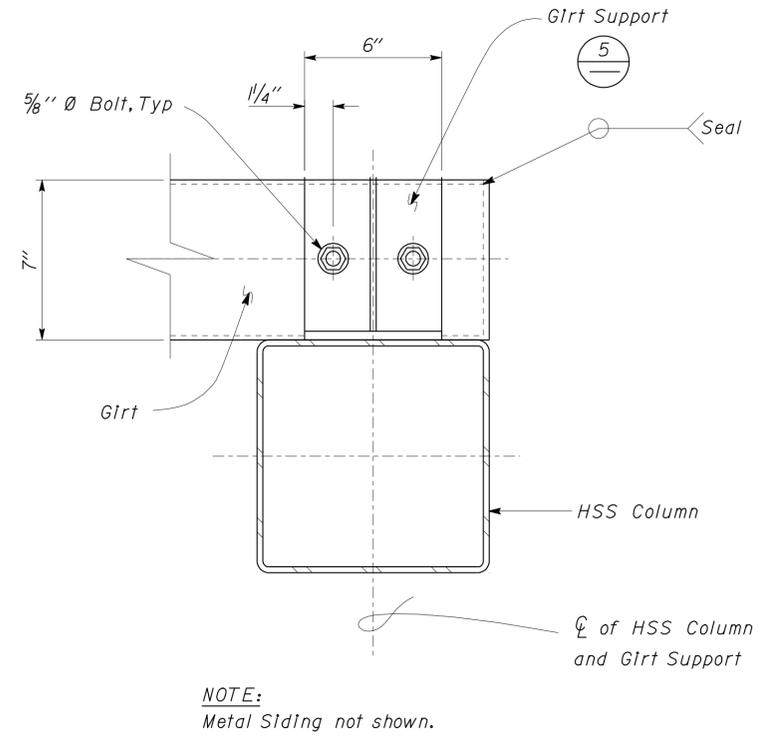
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		41	49

Bapat
REGISTERED CIVIL ENGINEER
DATE 08-04-10
C. N. Bapat
No. 46493
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

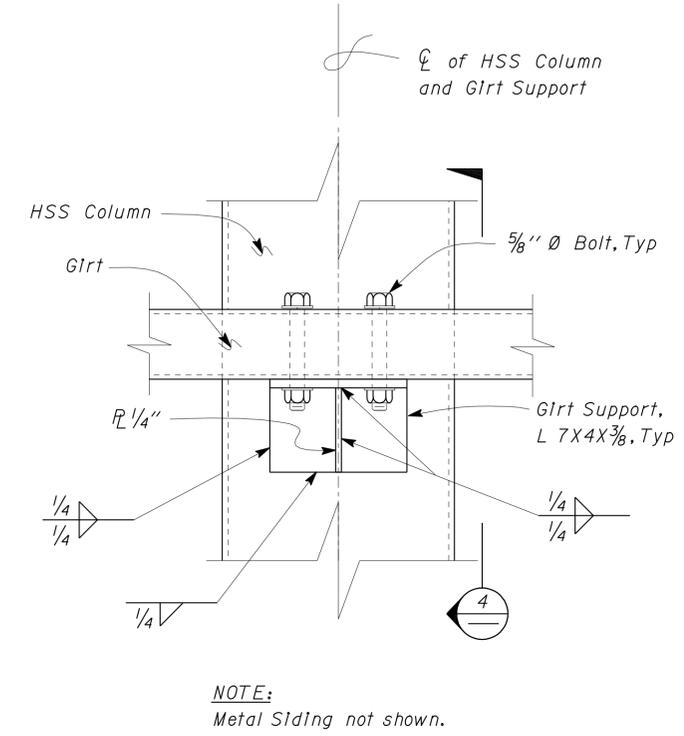
3-14-11
PLANS APPROVAL DATE
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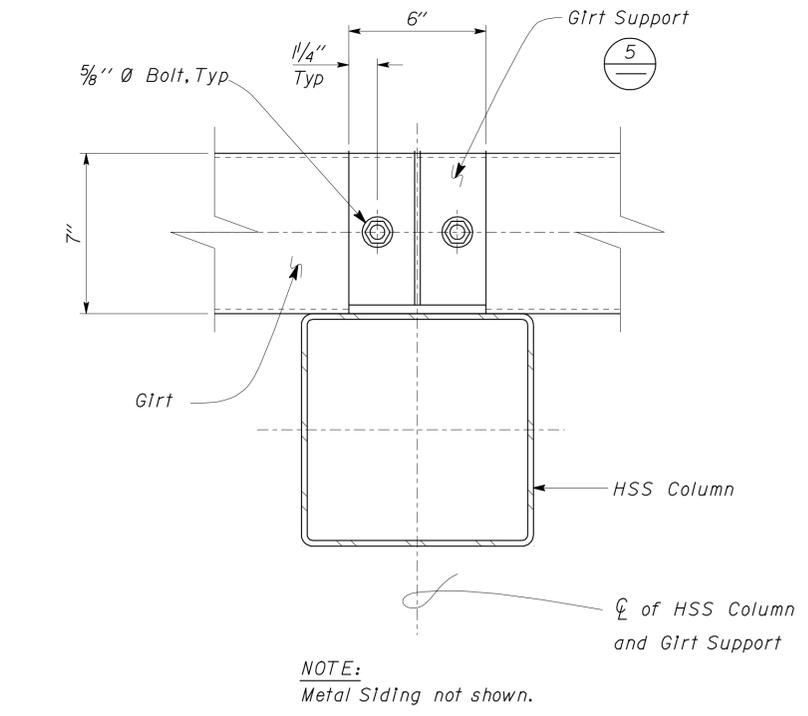
1 GIRT TO COLUMN DETAIL
Scale 3" = 1' - 0"



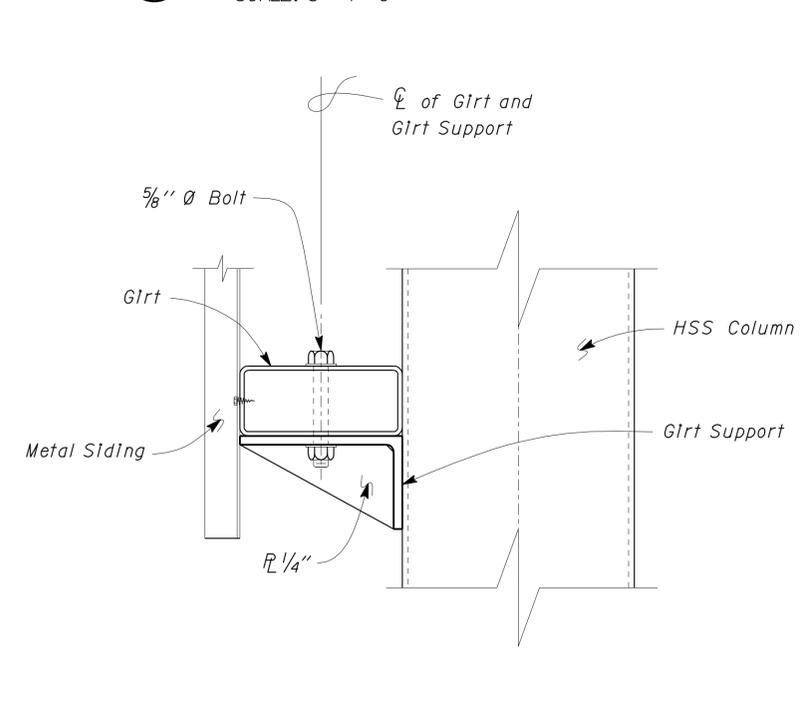
3 GIRT TO COLUMN DETAIL
SCALE: 3" = 1' - 0"



5 GIRT SUPPORT TO HSS COLUMN DETAIL
SCALE: 3" = 1' - 0"



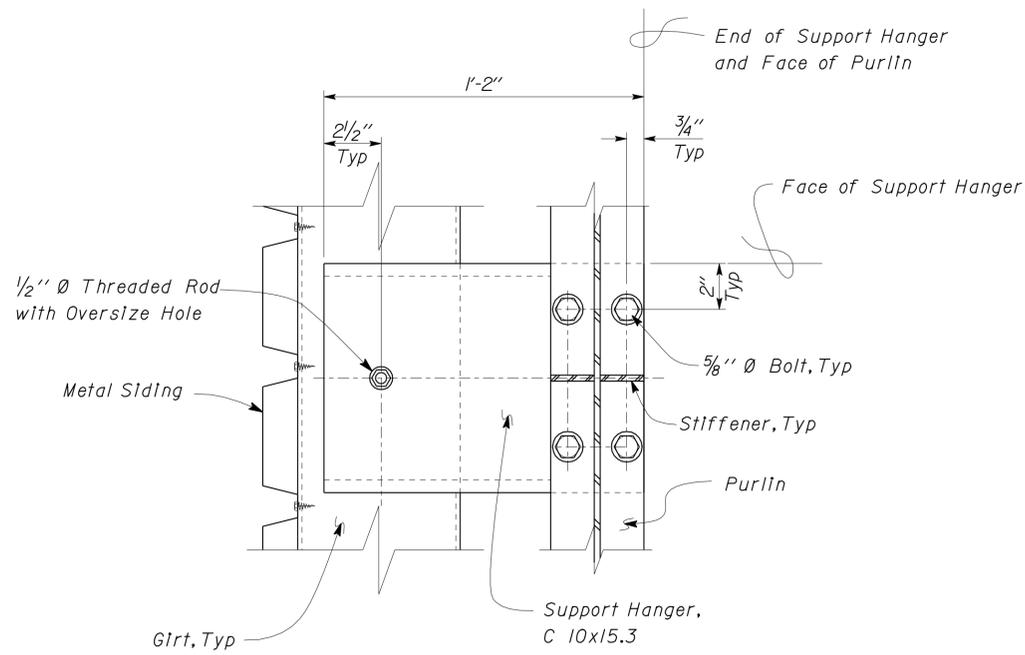
2 GIRT TO COLUMN DETAIL
SCALE: 3" = 1' - 0"



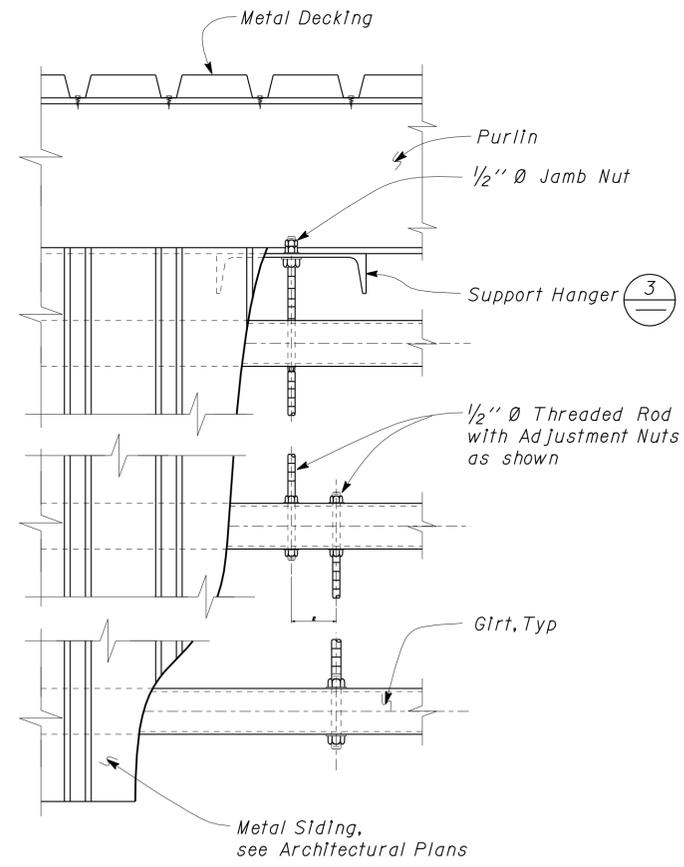
4 GIRT SUPPORT TO HSS COLUMN DETAIL
SCALE: 3" = 1' - 0"

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS		SHEET ST1-9	
	DETAILS	BY	Daniel Harakh	CHECKED			Chandra Bapat	POST MILE	MATERIALS STORAGE BIN		CANOPY DETAILS 3
QUANTITIES	BY		CHECKED		UNIT	3581	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
DOES SD Imp...					PROJECT NUMBER & PHASE		0800000811	07-16-10 09-14-10 09-16-10		D:\user\Projects\Dist_08\080000081_beechers_corner_ms\Expedite_11-29-2010\st1_09.dgn	

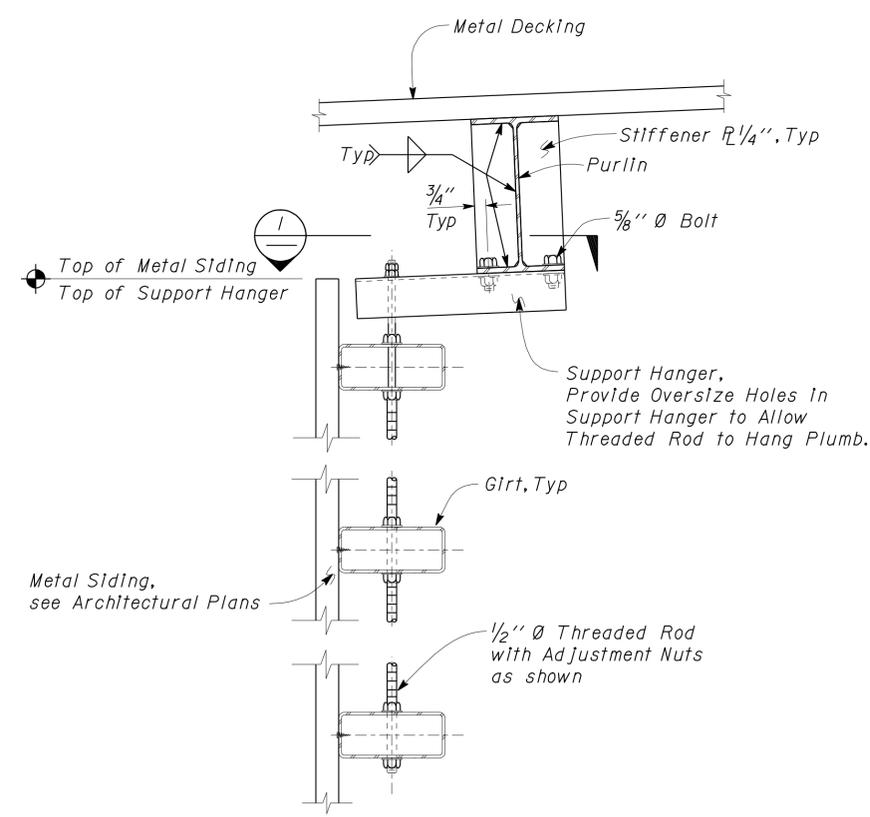
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		42	49
<i>Bapat</i> REGISTERED CIVIL ENGINEER			08-04-10 DATE		
3-14-11 PLANS APPROVAL DATE					
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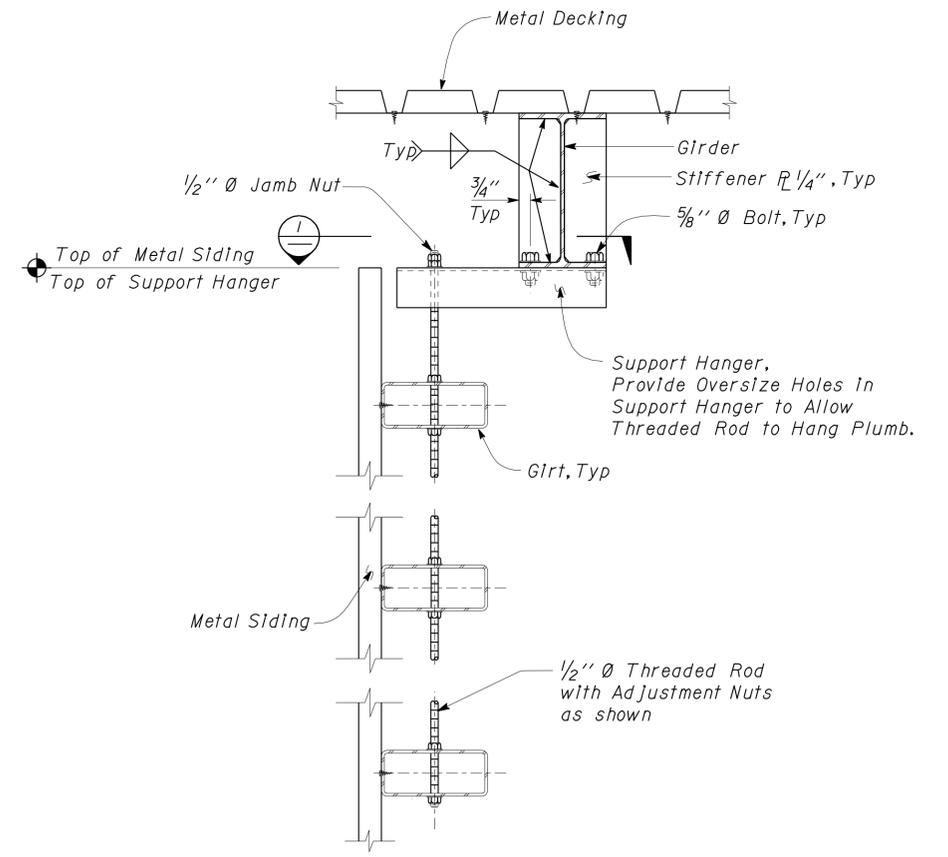
1 GIRT SUPPORT DETAIL
SCALE: 3" = 1' - 0"



2 GIRT AND METAL DECKING DETAILS
SCALE: 2" = 1' - 0"



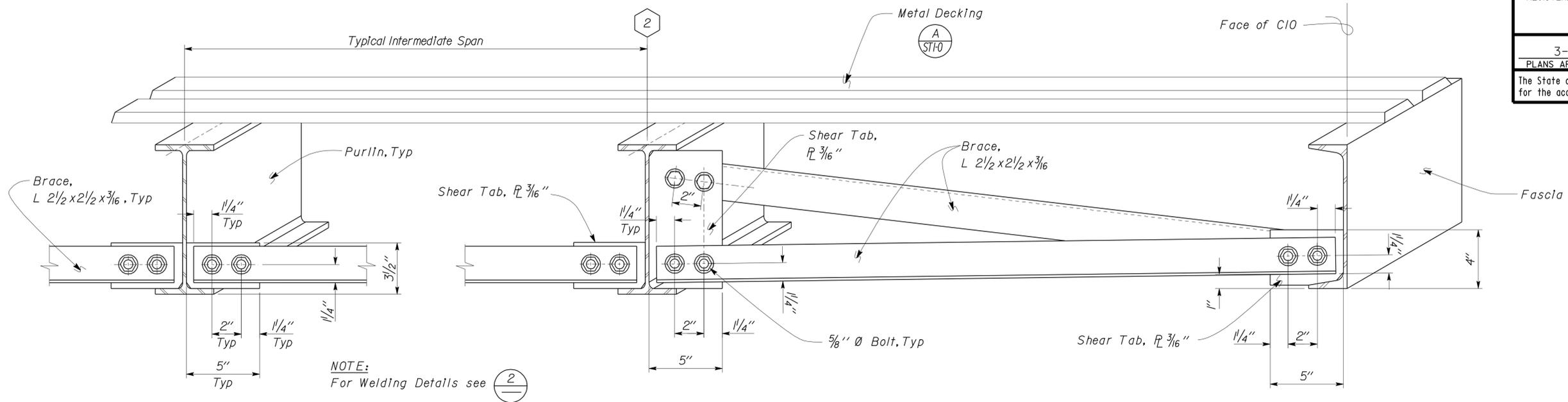
3 GIRT AND METAL DECKING SECTION
SCALE: 2" = 1' - 0"



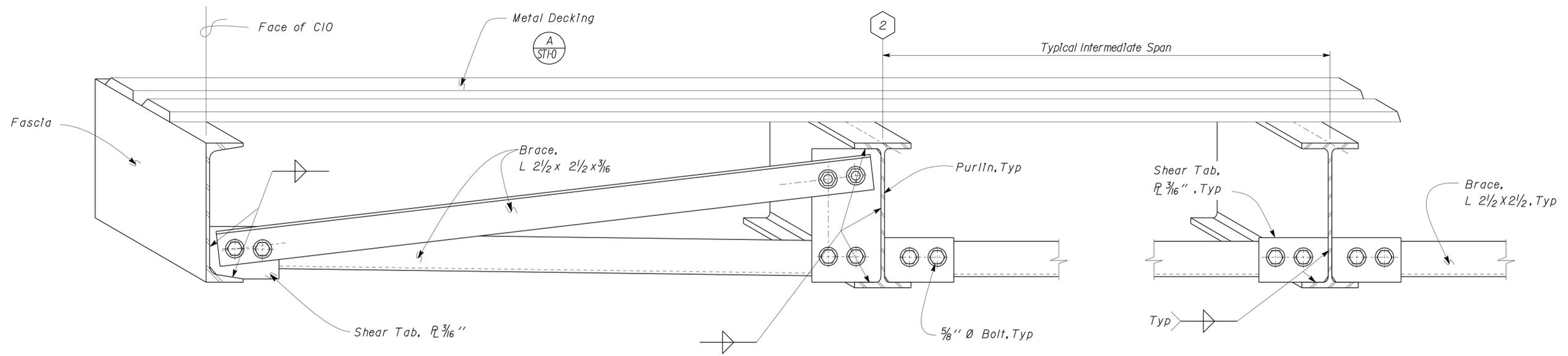
4 GIRT AND METAL DECKING SECTION
SCALE: 2" = 1' - 0"

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS		SHEET
	DETAILS	BY	Daniel Harakh	CHECKED			Chandra Bapat	58M5707	CANOPY DETAILS 4	
QUANTITIES	BY		CHECKED				POST MILE	MATERIALS STORAGE BIN		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	REVISION DATES (PRELIMINARY STAGE ONLY)	
UNIT PROJECT NUMBER & PHASE					3581 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES		07-16-10	09-14-10	SHEET OF
DOES SD Imp...					EA 0E3101		D:\user\Projects\Dist_08\0800000081_beechers_corner_ms\Expedite_11-29-2010\st1_10.dgn		16-MAR-2011 13:56	

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		43	49
<i>Bapat</i> REGISTERED CIVIL ENGINEER			08-04-10 DATE	REGISTERED PROFESSIONAL ENGINEER C. N. Bapat No. 46493 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA	
3-14-11 PLANS APPROVAL DATE					
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1 CANOPY BRACE CONNECTION DETAIL
 SCALE: 3" = 1'-0"



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

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS		SHEET ST1-11	
	DETAILS	BY	Daniel Harakh	CHECKED			Chandra Bapat	POST MILE	CANOPY DETAILS 5		
QUANTITIES	BY		CHECKED		UNIT	3581	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
DOES SD Imp...					PROJECT NUMBER & PHASE		08000000811	REVISION DATES (PRELIMINARY STAGE ONLY)		07-16-10 09-14-10 09-22-10	
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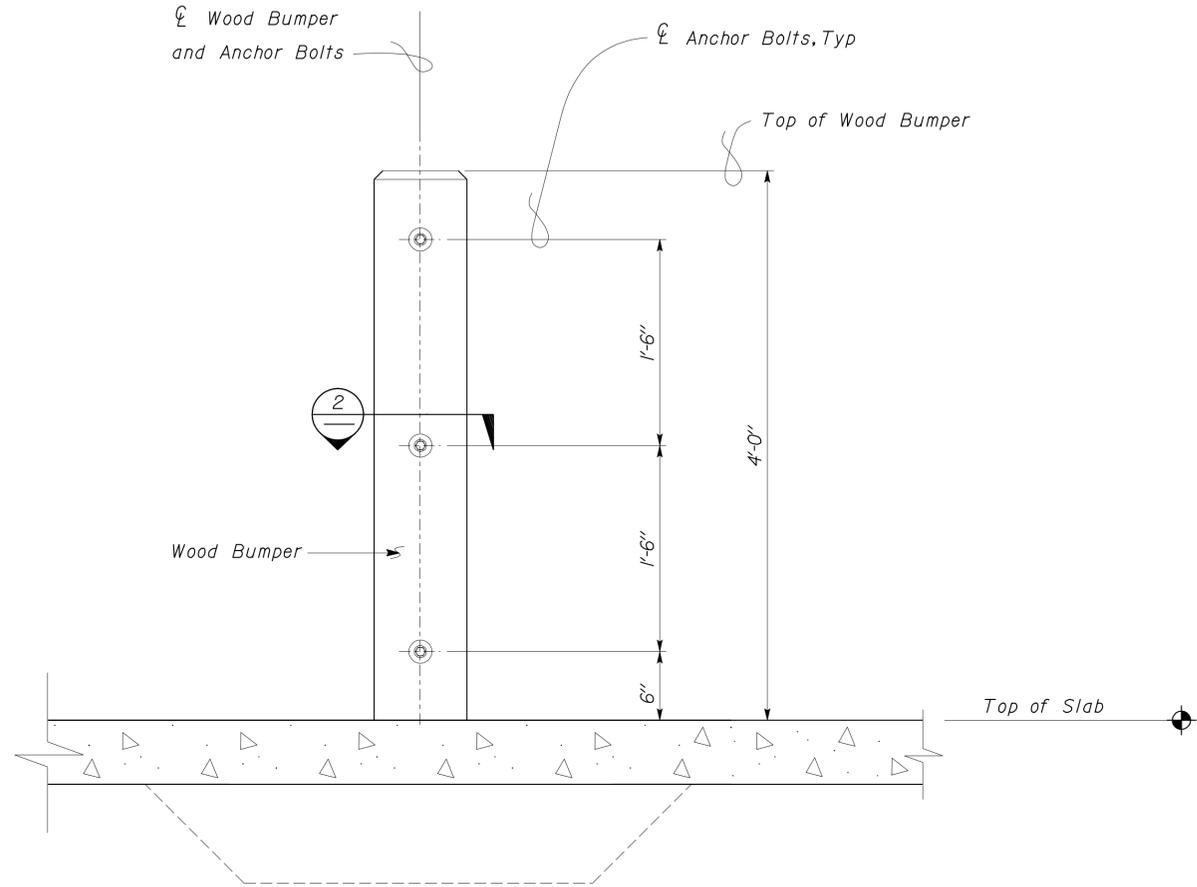
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		44	49

Bapat 08-04-10
REGISTERED CIVIL ENGINEER DATE

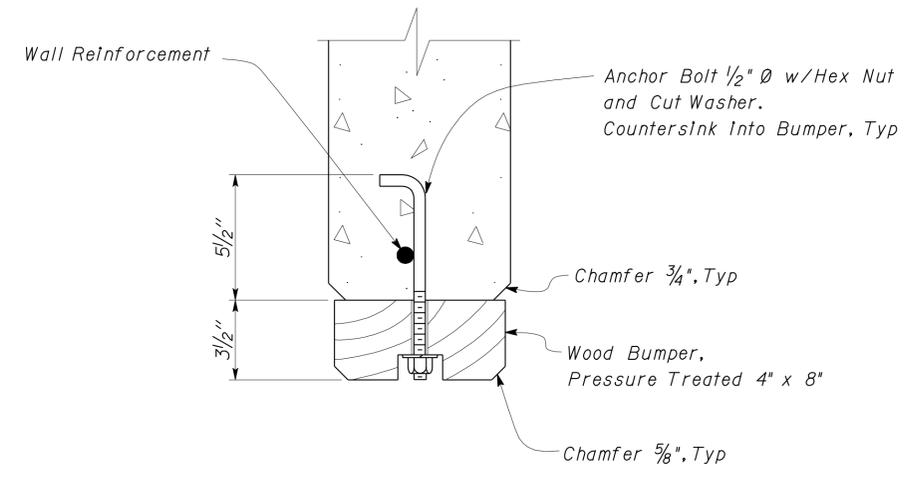


3-14-11
PLANS APPROVAL DATE

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1 WOOD BUMPER DETAIL
SCALE: 1 1/2" = 1' - 0"



2 WOOD BUMPER SECTION
SCALE: 3" = 1' - 0"

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS		SHEET
	DETAILS	BY	Daniel Harakh	CHECKED			Chandra Bapat	58M5707	CANOPY DETAILS 6	
QUANTITIES	BY		CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	3581 08000000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
					0 1 2 3			07-16-10 09-14-10		

DOES SD Imp... Rev. 7/10

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT PROJECT NUMBER & PHASE 3581 08000000811

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

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16-MAR-2011 13:39

GRAPHIC SYMBOLS FOR ELECTRICAL WIRING AND LAYOUT DIAGRAMS

SYMBOL	DESCRIPTION
	POLE-TOP ELECTROLIER
	POLE-ARM ELECTROLIER
CEILING WALL	
	SURFACE FLUORESCENT, METAL HALIDE OR SODIUM VAPOR FIXTURE
	RECESSED FLUORESCENT, METAL HALIDE, OR SODIUM VAPOR FIXTURE
	EXIT LIGHT
	SURFACE OR PENDANT INDIVIDUAL FLUORESCENT FIXTURE
	RECESSED INDIVIDUAL FLUORESCENT FIXTURE
	SURFACE OR PENDANT CONTINUOUS ROW FLUORESCENT FIXTURES
NOTE:	A LOWER CASE LETTER NEAR GRAPHIC LIGHTING FIXTURE SYMBOL DENOTES THAT FIXTURE IS CONTROLLED BY A SIMILARLY MARKED SWITCH, AN ALPHANUMERIC SYMBOL NEAR GRAPHIC LIGHTING FIXTURE SYMBOL DENOTES FIXTURE TYPE, (I=INCANDESCENT, F=FLUORESCENT, MH=METAL HALIDE, H=HIGH PRESSURE SODIUM VAPOR), DESIGN TYPE, NUMBER OF LAMPS AND WATTAGE. EXAMPLE : (4) F 2 - 2 x 32 <div style="margin-left: 20px;"> <p>32 WATT LAMPS 2 LAMPS DESIGN TYPE FLUORESCENT NUMBER OF FIXTURES</p> </div>
	BLANK OUTLET
	JUNCTION BOX
	DROP CORD
	SINGLE RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET (WITH GFCI)
	DUPLEX RECEPTACLE OUTLET, WEATHERPROOF (WITH GFCI)
	SINGLE, SPECIAL PURPOSE RECEPTACLE OUTLET
	DUPLEX, SPECIAL PURPOSE RECEPTACLE OUTLET
	RANGE OUTLET
	CLOCK HANGER RECEPTACLE
	FAN HANGER RECEPTACLE
	FLOOR SINGLE RECEPTACLE OUTLET
	FLOOR DUPLEX RECEPTACLE OUTLET
	FLOOR SPECIAL PURPOSE OUTLET
	FLOOR RADIO OUTLET
	FLOOR TELEPHONE OUTLET
	MULTI-FLOOR OUTLET, 2 OR MORE GANG
	MULTI-OUTLET ASSEMBLY
S	SINGLE POLE SWITCH
S ₂	DOUBLE POLE SWITCH
S ₃	THREE WAY SWITCH
S ₄	FOUR WAY SWITCH
S _D	AUTOMATIC DOOR
S _K	KEY OPERATED SWITCH
S _P	SWITCH AND PILOT LIGHT
S _{MC}	MOMENTARY CONTACT SWITCH
S _{RC}	REMOTE CONTROL SWITCH
S _{WP}	WEATHERPROOF SWITCH
S _F	FAN SWITCH
S _L	LIGHT SWITCH
S _H	HEATER SWITCH
S _{VS}	VARIABLE SPEED MOTOR CONTROL SWITCH
S _{CHLF}	TWO TIMER SWITCHES, ONE SWITCH FOR LIGHT AND FAN AND ONE SWITCH FOR HEAT LAMP

SYMBOL	DESCRIPTION
S ₁	OCCUPANCY SENSOR WALL SWITCH, SINGLE LEVEL
S ₂	OCCUPANCY SENSOR WALL SWITCH, BILEVEL
S _M	MOTION SENSOR SWITCH
S _T	MANUAL MOTOR STARTING SWITCH, THERMAL OVERLOAD TYPE
S _{HP}	MANUAL MOTOR STARTING SWITCH, WITHOUT OVERLOAD ELEMENT
T _s	TIMER SWITCH
	SWITCH AND SINGLE RECEPTACLE
	SWITCH AND DUPLEX RECEPTACLE
	HAND DRYER NOZZLE
	HAND DRYER
	RADIO OUTLET
	COMMUNICATION OUTLET
	SOUND SYSTEM LOUD SPEAKER OUTLET
	PUSHBUTTON
	PUSHBUTTON STATION, NC, WITH LOCKING DEVICE FOR OPEN
	PUSHBUTTON STATION MOTOR CONTROL
	BUZZER
	BELL
	COMBINATION BELL-BUZZER
	THERMOSTAT
	PRESSURE SWITCH
	CONTROL RELAY
	FLOW SWITCH
	PHOTOELECTRIC CELL
	RADIO OUTLET
	TELEVISION OUTLET
	MICROPHONE OUTLET
	FLUSH-MOUNTED PANELBOARD AND CABINET
	SURFACE-MOUNTED PANELBOARD AND CABINET
	LIGHTING PANEL
	POWER PANEL
	COMBINATION LIGHTING AND POWER
	MOTOR CONTROLLER
	DISCONNECT SWITCH
	CONDUIT CONCEALED IN CEILING OR WALL
	CONDUIT CONCEALED IN FLOOR
	CONDUIT EXPOSED
	CROSS-LINES INDICATE NUMBER OF #12 AWG CONDUCTORS. LONGER CROSS-LINE INDICATES #12 AWG (G) FOR EQUIPMENT GROUNDING CONDUCTOR. NO CROSS-LINE INDICATES 2#12 WITH #12 (G) UNLESS OTHERWISE NOTED. ALL CONDUIT SHALL BE 1/2" UNLESS OTHERWISE NOTED.
	HOMERUN TO PANELBOARD, ARROWS INDICATE NUMBER OF CIRCUITS, LETTER DENOTES PANELBOARD, NUMERAL DENOTES CIRCUIT.
	SURFACE METAL RACEWAY
	(2) 1/2" C, PVC, 2#12 CONDUCTOR INFO (PER CONDUIT) CONDUIT TYPE CONDUIT SIZE NUMBER OF CONDUITS (NO NUMBER INDICATES ONE CONDUIT)
	— MC — CONDUIT, RIGID STEEL, UNDERGROUND — PVC — CONDUIT, POLYVINYL CHLORIDE, UNDERGROUND — FLEXIBLE CONDUIT, FLEXIBLE — TURN UP — TURN DOWN — CONDUIT SEAL, EXPLOSION-PROOF — EXPANSION JOINT — ADAPTER, ONE TYPE CONDUIT TO ANOTHER — POLE

SYMBOL	DESCRIPTION
	OCCUPANCY SENSOR
	OCCUPANCY SENSOR POWER PACK
	HEAT DETECTOR
	SMOKE DETECTOR
	MANUAL PULL STATION
	AUDIO/VISUAL ALARM DEVICE
	GLASS BREAK DISCRIMINATOR
	MAGNETIC CONTACT SWITCH-PEDESTRIAN DOOR
	MAGNETIC CONTACT SWITCH-VEHICLE DOOR
	KEYPAD FOR ALARM SYSTEM
	COMBINATION DETECTOR (MICROWAVE/PASSIVE INFRARED)
	PULL BOX-LETTER INDICATES TYPE OF PULL BOX (E-ELECTRICAL, T-TELEPHONE, R-RADIO)
	PULL BOX (TRAFFIC RATED)-LETTER INDICATES TYPE OF PULL BOX (E-ELECTRICAL, T-TELEPHONE, R-RADIO)
	COMBINATION HEAT, LIGHT AND FAN UNIT
	— SECTION/ELEVATION LETTER
	— SHEET NUMBER
	— DETAIL NUMBER
	— SHEET NUMBER

REMODEL WORK

SYMBOL	DESCRIPTION
	EXISTING FLUORESCENT FIXTURE-TO REMAIN
	EXISTING FLUORESCENT FIXTURE-REMOVE
	EXISTING INCANDESCENT FIXTURE-TO REMAIN
	EXISTING INCANDESCENT FIXTURE-REMOVE
	EXISTING OUTLET-TO REMAIN
	EXISTING RECEPTACLE OUTLET-TO REMAIN
	EXISTING RECEPTACLE OUTLET-REMOVE
	EXISTING CONDUIT AND CONDUCTORS-TO REMAIN UNLESS OTHERWISE NOTED
	EXISTING CONDUIT AND CONDUCTORS-REMOVE
	EXISTING SWITCH-TO REMAIN
	EXISTING SWITCH-REMOVE
	EXISTING JUNCTION BOX-TO REMAIN
	EXISTING JUNCTION BOX-REMOVE

STANDARD NOTES

	ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
	INSTALL PULL BOX IN EXISTING CONDUIT RUN.
	INSTALL CONDUIT INTO EXISTING PULL BOX.
	CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED.
	CONDUIT TO REMAIN FOR FUTURE USE. REMOVE CONDUCTORS, INSTALL PULL ROPE AND PLUG.
	REMOVE FOUNDATION ABOVE GRADE AND ABANDON FOUNDATION BELOW GRADE.
	RELOCATE EQUIPMENT.
	RELOCATED EQUIPMENT.
	SPLICE NEW TO EXISTING CONDUCTORS.

GRAPHIC SYMBOLS FOR ELECTRICAL DIAGRAMS

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER, SINGLE POLE
	CIRCUIT BREAKER, DOUBLE POLE
	CIRCUIT BREAKER, THREE POLE
	CIRCUIT BREAKER, WITH GROUND FAULT CIRCUIT INTERRUPTER
	CIRCUIT BREAKER, SINGLE POLE, SWITCHED NEUTRAL
	CONTACT, NORMALLY OPEN
	CONTACT, NORMALLY CLOSED
	CONTACT, NORMALLY CLOSED, TIME DELAY CLOSING ON DE-ENERGIZING
	CONTACT, NORMALLY OPEN, TIME DELAY CLOSING ON ENERGIZING
	CONTACT, NORMALLY CLOSED, TIME DELAY OPENING ON ENERGIZING
	CONTACT, SINGLE POLE DOUBLE-THROW
	OPERATING COIL
	LIQUID LEVEL ACTUATED SWITCH, NORMALLY CLOSED
	LIQUID LEVEL ACTUATED SWITCH, NORMALLY OPEN
	PRESSURE ACTUATED SWITCH, NORMALLY CLOSED
	PRESSURE ACTUATED SWITCH, NORMALLY OPEN
	FLOW ACTUATED SWITCH, NORMALLY CLOSED
	FLOW ACTUATED SWITCH, NORMALLY OPEN
	TEMPERATURE ACTUATED SWITCH, NORMALLY CLOSED
	TEMPERATURE ACTUATED SWITCH, NORMALLY OPEN
	LIMIT SWITCH, NORMALLY CLOSED
	LIMIT SWITCH, NORMALLY OPEN
	PUSHBUTTON SWITCH, NORMALLY CLOSED
	PUSHBUTTON SWITCH, NORMALLY OPEN
	SWITCH, SINGLE-POLE
	SWITCH, SINGLE-POLE, DOUBLE-THROW
	SWITCH, DOUBLE-POLE
	SWITCH, DOUBLE-POLE, DOUBLE-THROW
	SWITCH, SINGLE-POLE, 3-POSITION
	THERMAL OVERLOAD
	FUSE
	RESISTOR
	VARIABLE RESISTOR
	TRANSFORMER WINDING
	GROUNDING ELECTRODE
	ENCLOSURE BOND
	PILOT LIGHT (A=AMBER, G=GREEN, R=RED)
	GENERATOR
	MOTOR
	FAN MOTOR

PROJECT NOTES

- SEPARATE GROUNDED (NEUTRAL) CONDUCTOR SHALL BE USED FOR EACH 120-VOLT CIRCUIT.
- HOMERUNS TO PANELBOARDS SHALL BE INSTALLED AS SHOWN ON THE PLANS. HOMERUNS SHALL NOT BE COMBINED.
- A SINGLE INSULATED EQUIPMENT GROUNDING CONDUCTOR (SIZED AS REQUIRED) SHALL BE INSTALLED IN EACH CONDUIT RUN.

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		45	49

11-29-10
DATE

3-14-11
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.

ABBREVIATIONS

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: 11-03-10

A	AMPERES
A/C	AIR CONDITIONING UNIT
ACS	AIR COMPRESSOR STARTER
AI	ANALOG INPUT
AL	ALARM LIGHT
AO	ANALOG OUTPUT
AVC	AIR VOLUME CONTROLLER
BD	BUILDING DISCONNECT
BRK	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CR	CONTROL RELAY
CSW	CURRENT SWITCH
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DUPLEX PLUG RECEPTACLE
DS	DOOR SWITCH
(E)	EXISTING
EF	EXHAUST FAN
F	FUSE
FL	FAILURE LIGHT
FLA	FLASHER
FLEX	FLEXIBLE CONDUIT
FLS	FLOW SWITCH
FR	FAILURE RESET
FS	FLOAT SWITCH
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GRS	GALVANIZED RIGID STEEL
IR	INDUCTION RELAY
JB	JUNCTION BOX
L	LIGHT
LC	LIGHTING CONTACTOR
LCP	LIGHTING CONTROL PANEL
LD	LIGHT DISCONNECT
LL	LIQUID LEVEL RELAY
LLC	LIQUID LEVEL CONTROLLER
LP	LIGHT PANEL
LS	LIGHT SWITCH
LT	LIGHT TRANSFORMER
LTO	LIGHT TRANSFORMER OVERLOAD
MB	MAIN BREAKER
MC	METALLIC CONDUIT
MCP	MOTOR CIRCUIT PROTECTOR
MCC	MOTOR CONTROL CENTER
MSB	MAIN SWITCHBOARD
MT	EMPTY CONDUIT
(N)	NEW
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NSW	NEUTRAL SWITCHING BREAKER
OL	OVERLOAD
P	POLE
PB	PULL BOX
PB	PUSHBUTTON
PFR	PHASE FAILURE RELAY
PFRD	PHASE FAILURE RELAY DISCONNECT
PEC	PHOTOELECTRIC CELL
PLOT	PILOT LIGHT
PS	PRESSURE SWITCH
PTS	POWER TRANSFER SWITCH
PVC	POLYVINYL CHLORIDE
RES	RESISTOR
RTB	RADIO TERMINAL BOARD
S	STARTER COIL
SD	SERVICE DISCONNECT
SFR	SEAL FAILURE RELAY
SL	SUMP LIGHT
SPR	STANDBY POWER RECEPTACLE
SS	SELECTOR SWITCH
ST	STARTER
SV	SOLENOID VALVE
T	TRANSFORMER
TB	TERMINAL BLOCK
TDR	TIME DELAY RELAY
TGLS	TOGGLE SWITCH
TM	TIME METER
TOT	TOTAL
TS	TIMER SWITCH
TSW	TEST SWITCH
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UPS	UNINTERRUPTIBLE POWER SUPPLY
WLS	WATER LEVEL SWITCH
WP	WEATHERPROOF

DESIGN	BY	Joseph Abdelsayed	CHECKED	JR Lacy	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	58M5707	BEECHERS MS MATERIAL BIN	LEGEND	SHEET OF EE-0	
	DETAILS	BY	Joseph Abdelsayed	CHECKED			JR Lacy	POST MILE				49.5
	QUANTITIES	BY	Joseph Abdelsayed	CHECKED			JR Lacy	REVISION DATES (PRELIMINARY STAGE ONLY)				

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

UNIT PROJECT NUMBER & PHASE: 2341 0800000811

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 6/27/09, 9/2/09, 9/28/10, 11/29/10

DOES SD Imperial Rev. 1/07

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CERTIFICATE OF COMPLIANCE (Page 3 of 4) LTG-1C

Project Name: BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS Date: 08/31/2010

INDOOR LIGHTING SCHEDULE and FIELD ENERGY CHECKLIST

Fill in controls for all spaces: a) area controls, b) multi-level controls, c) manual daylighting controls for daylight areas > 250 sq ft, automatic daylighting controls for daylight areas > 2,500 sq ft, d) shut-off controls, e) display lighting controls, f) tailored lighting controls-general lighting controlled separately from display, ornamental and display case lighting and g) demand responsive automatic controls for retail stores > 50,000 sq ft, in accordance with Section 131.

MANDATORY LIGHTING CONTROLS - FIELD INSPECTION ENERGY CHECKLIST				Field Inspector	
Type/Description	Number of Units	Location in Building	Special Features	Pass	Fail
MECHANICAL TIMER SWITCH	1	WALL-MOUNTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

The local enforcement agency shall pay special attention to the items specified in the 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 Inspectors' Notes or Discrepancies:

2008 Nonresidential Compliance Forms

August 2009

CERTIFICATE OF COMPLIANCE (Page 4 of 4) LTG-1C

Project Name: BEECHERS MAINTENANCE STATION COVERED MATERIAL BINS Date: 08/31/2010

Conditioned and Unconditioned space Lighting must not be combined for compliance

Indoor Lighting Power for Conditioned Spaces		Indoor Lighting Power for Unconditioned Spaces	
Installed Lighting (from Conditioned LTG-1C Page 2)	Watts	Installed Lighting (from Unconditioned LTG-1C Page 2)	Watts
0	0	300	300
Lighting Control Credit Conditioned Spaces (from LTG-2C)	- 0	Lighting Control Credit Unconditioned Spaces (from LTG-2C)	- 0
Adjusted Installed Lighting Power	= 0	Adjusted Installed Lighting Power	= 300
Complies if Installed ≤ Allowed		Complies if Installed ≤ Allowed	
Allowed Lighting Power Conditioned Spaces (from LTG-3C)		Allowed Lighting Power Unconditioned Spaces (from LTG-3C)	804

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, LTG-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:

System 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 LTG-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 S 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 LTG-2A for each different lighting luminaire control(s) must be provided to the owner of the building for their records.

Luminaires Controlled			LTG-2A	
Equipment Requiring Testing	Description	Number of Like Controls	Location	Controls and Sensors and Automatic Daylighting Controls Acceptance
MECHANICAL TIMER SWITCH	TIMER SWITCH	1	WALL-MOUNTED	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

2008 Nonresidential Compliance Forms

August 2009

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		47	49

Joseph Abdelsayed
 REGISTERED ELECTRICAL ENGINEER 11-29-10 DATE
 3-14-11
 PLANS APPROVAL DATE

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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: 11-03-10

DESIGN	BY <i>Joseph Abdelsayed</i>	CHECKED <i>JR Lacy</i>
DETAILS	BY <i>Joseph Abdelsayed</i>	CHECKED <i>JR Lacy</i>
QUANTITIES	BY <i>Joseph Abdelsayed</i>	CHECKED <i>JR Lacy</i>

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

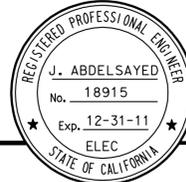
DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	58M5707
POST MILE	49.5

BEECHERS MS MATERIAL BIN
 TITLE 24 COMPLIANCE (2 OF 2)

SHEET **EE-2** OF

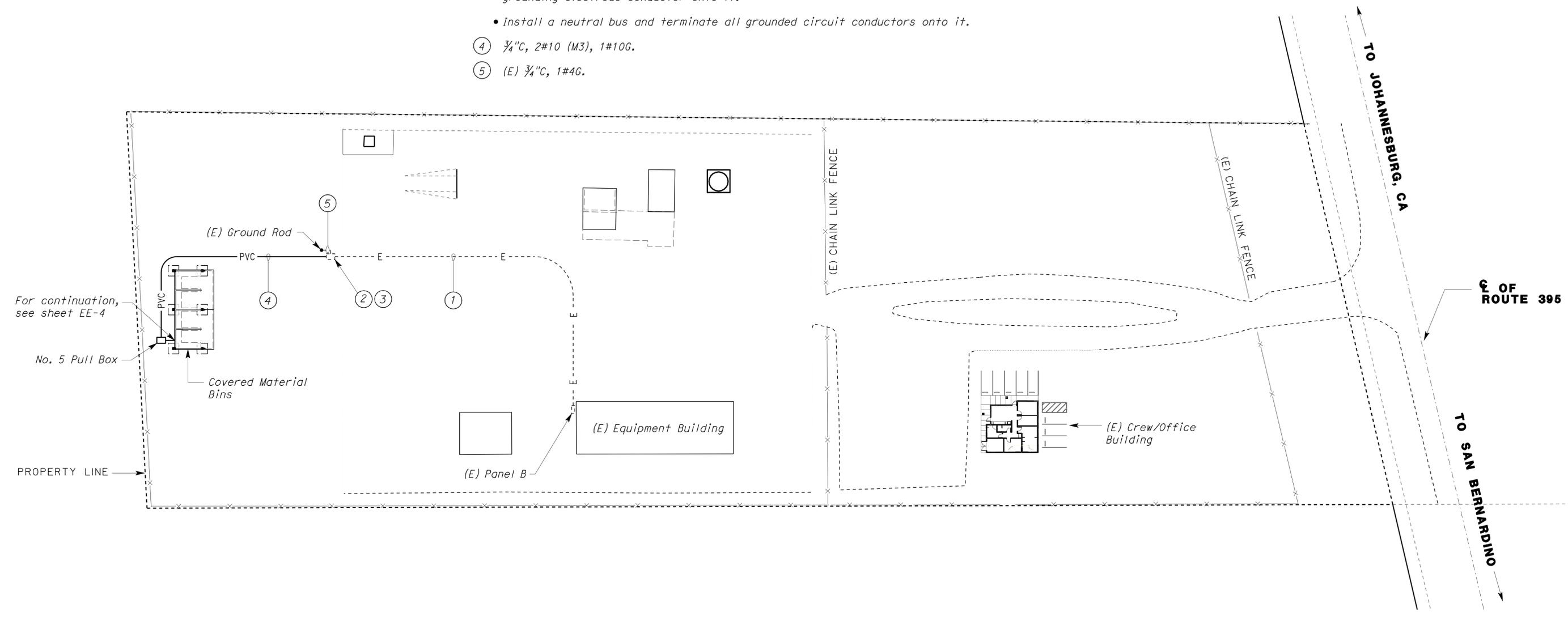
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	UNIT PROJECT NUMBER & PHASE	2341 0800000811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		48	49
 REGISTERED ELECTRICAL ENGINEER DATE 11-29-10					
3-14-11 PLANS APPROVAL DATE					
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 Reviewed by: 
FRANCIS SOLICH
 Approval date: 11-03-10

Notes:

- ① (E) 2" C, 4#3/0, 1#4G.
- ② (E) Electrical Panel. Provide nameplate for the panel. Nameplate shall read:
 PANEL M
 200 A, 120/240 V, 3-PHASE, 4-WIRE
- ③ Complete the following inside (E) Panel M:
 - Install 20 A/1P branch circuit breaker in space 3 and provide updated panel directory. (E) Panel is Siemens, Panel Type P1, Catalog number P1X42MC250C, 120/240 V, 3-Phase, 4-Wire Panelboard.
 - Install a ground bus and terminate all equipment grounding conductors and grounding electrode conductor onto it.
 - Install a neutral bus and terminate all grounded circuit conductors onto it.
- ④ 3/4" C, 2#10 (M3), 1#10G.
- ⑤ (E) 3/4" C, 1#4G.



SITE PLAN

SCALE 1" = 40'-0"

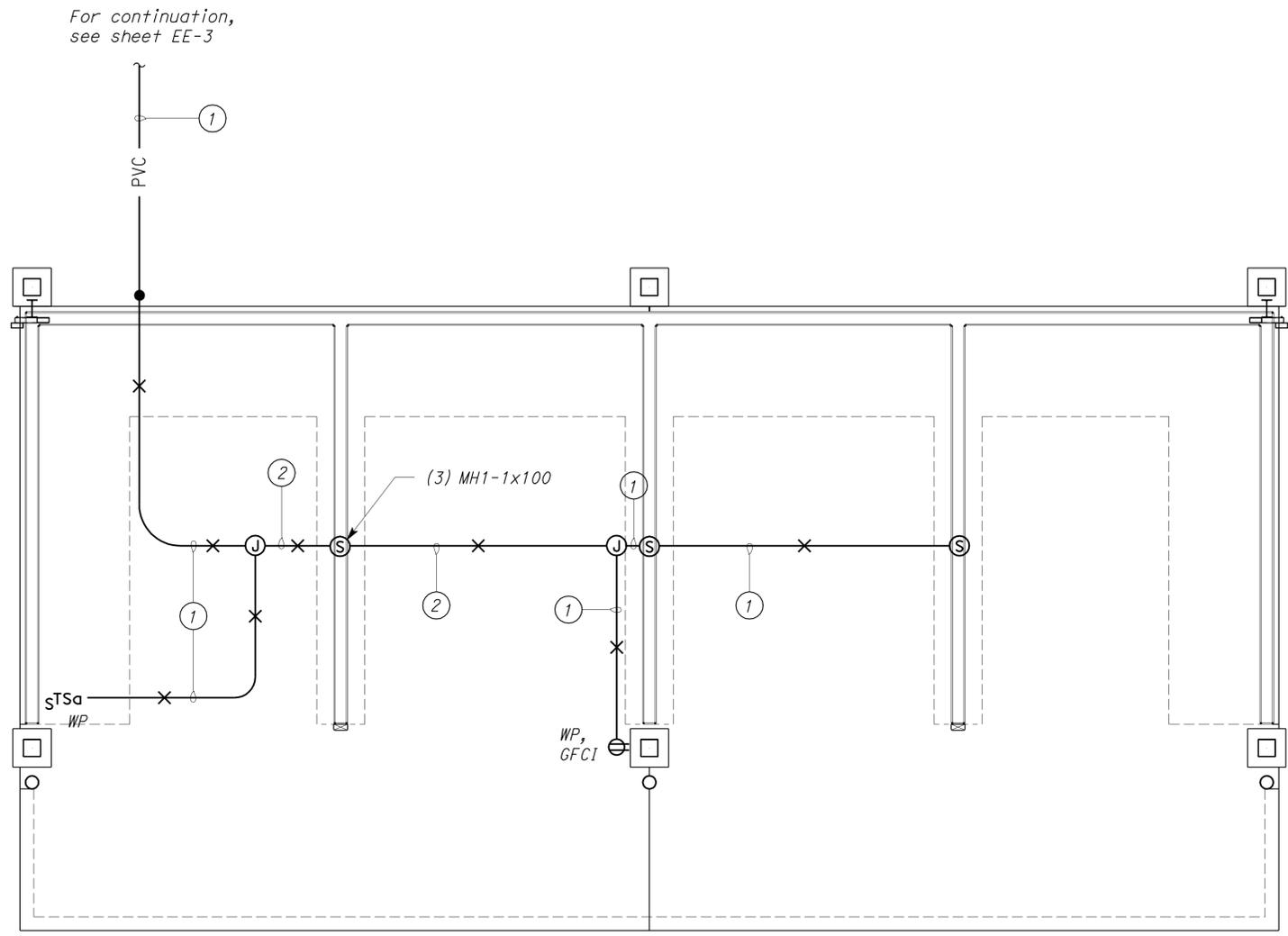


THIS DRAWING IS ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN SUPERVISOR  DESIGN ENGINEER 	DESIGN	BY Joseph Abdelsayed	CHECKED JR Lacy	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	BEECHERS MS MATERIAL BIN SITE PLAN	SHEET EE-3
	DETAILS	BY Joseph Abdelsayed	CHECKED JR Lacy		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	58M5707		
QUANTITIES	BY Joseph Abdelsayed	CHECKED JR Lacy	UNIT PROJECT NUMBER & PHASE		2341 0800000811	POST MILE 49.5		
DOES SD Imperial Rev. 1/07		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 6/29/09 9/28/09 9/28/10 11/29/10	

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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	SBd	5705		49	49
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 Approval date: 11-03-10				REGISTERED ELECTRICAL ENGINEER J. ABDELSAYED No. 18915 Exp. 12-31-11 ELEC STATE OF CALIFORNIA	
3-14-11 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.	



- Notes:
- ① 3/4" C, 2#10, 1#10G
 - ② 3/4" C, 3#10, 1#10G

CALIFORNIA ENERGY COMMISSION MANDATORY MEASURES:
 BUILDING LIGHTING SHUT-OFF
 1. Timer Switch for Material Bins

PLAN
 SCALE 1/4" = 1'-0"

THIS DRAWING IS ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN BY <i>Joseph Abdelsayed</i> CHECKED <i>JR Lacy</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 58M5707	BEECHERS MS MATERIAL BIN POWER AND LIGHTING PLAN	SHEET EE-4 OF
			POST MILE 49.5		
			UNIT PROJECT NUMBER & PHASE 2341 0800000811		
DETAILS BY <i>Joseph Abdelsayed</i> CHECKED <i>JR Lacy</i> QUANTITIES BY <i>Joseph Abdelsayed</i> CHECKED <i>JR Lacy</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES →	REVISION DATES (PRELIMINARY STAGE ONLY) 6/27/09 9/27/09 9/28/10 9/28/10	SHEET	OF