

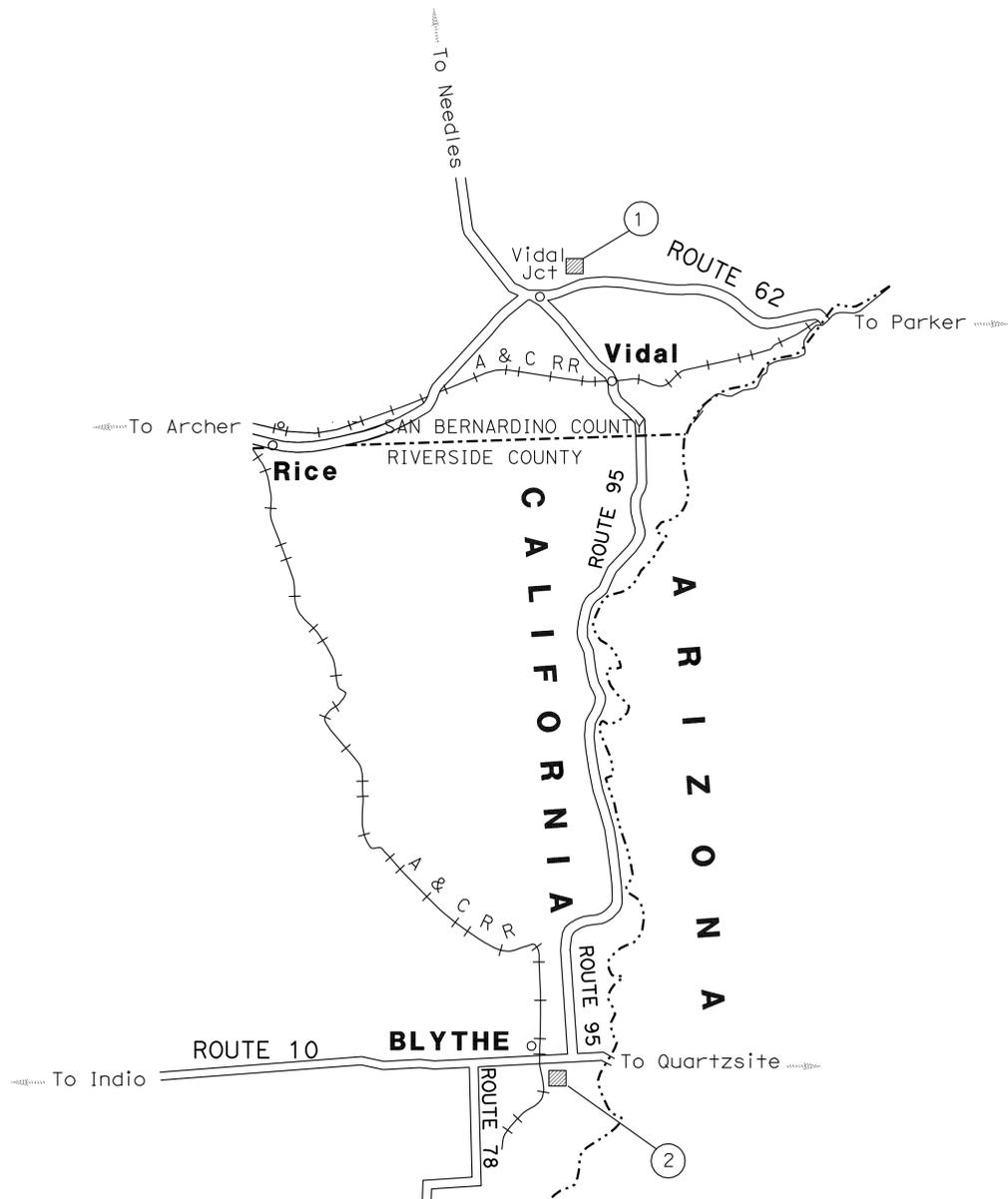
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
STRUCTURE PLANS	
2	GENERAL PLAN
3-12	ARCHITECTURAL PLANS
13-27	STRUCTURAL PLANS
28-40	ELECTRICAL PLANS

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

STATE OF CALIFORNIA  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR BUILDING CONSTRUCTION**  
**IN RIVERSIDE AND SAN BERNARDINO COUNTIES**  
**AT THE VIDAL AND BLYTHE MAINTENANCE STATIONS**

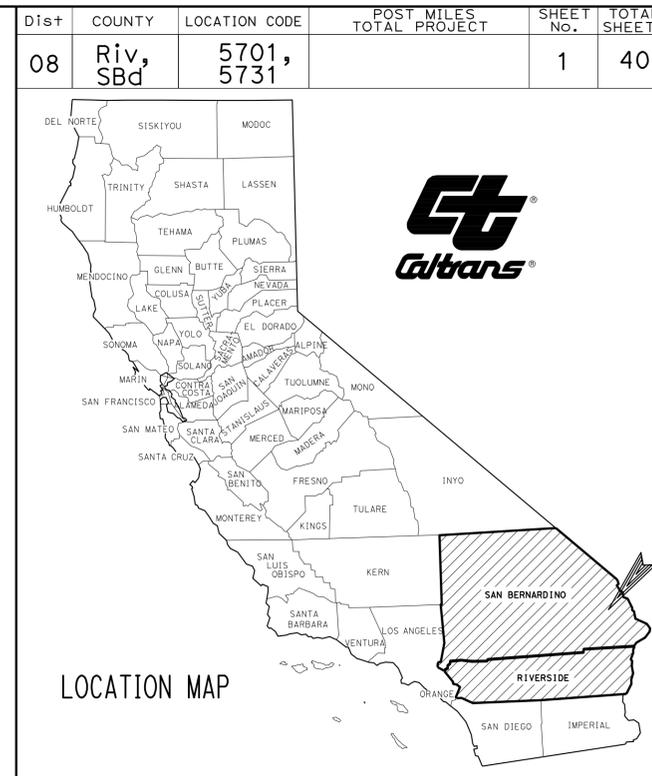
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010



**LOCATIONS OF CONSTRUCTION**

①	VIDAL MAINTENANCE STATION	ROUTE SEPARATION 62/95 VIDAL, CA 92280
②	BLYTHE MAINTENANCE STATION	431 E. BROADWAY BLYTHE, CA 92226

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 Ristic* 02-22-13  
 PROJECT ENGINEER REGISTERED CIVIL ENGINEER DATE

**March 11, 2013**  
 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.	<b>08-OR9004</b>
PROJECT ID	<b>0812000207</b>

# INDEX TO PLANS

## ARCHITECTURAL

## STRUCTURAL

## ELECTRICAL

**BLYTHE MS**

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 A1-2 CANOPY ROOF PLAN & SECTION  
 A1-2.1 REFLECTED CEILING PLAN  
 A1-3 CANOPY ELEVATIONS

**VIDAL MS**

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 A2-2.1 ROOF PLAN AND SECTION  
 A2-3 REFLECTED CEILING PLAN  
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EE2-1 OUTDOOR LIGHTING COMPLIANCE FORMS 1  
 EE2-2 OUTDOOR LIGHTING COMPLIANCE FORMS. 2  
 EE2-3 SITE PLAN  
 EE2-4 POWER AND LIGHTING PLAN  
 EE2-5 DETAILS

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		2	40

LICENSED ARCHITECT \_\_\_\_\_ DATE \_\_\_\_\_

3-11-13  
 PLANS APPROVAL DATE

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**ACCESSIBILITY DESIGN APPROVAL STAMP**  
 DOT / DES / OTA  
 PROJECT ID: 0812000207  
 \*EXEMPT  
 Reviewed by: Y. A. WANG  
 Date: 12-06-12

**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: 12-11-12

## CODE ANALYSIS

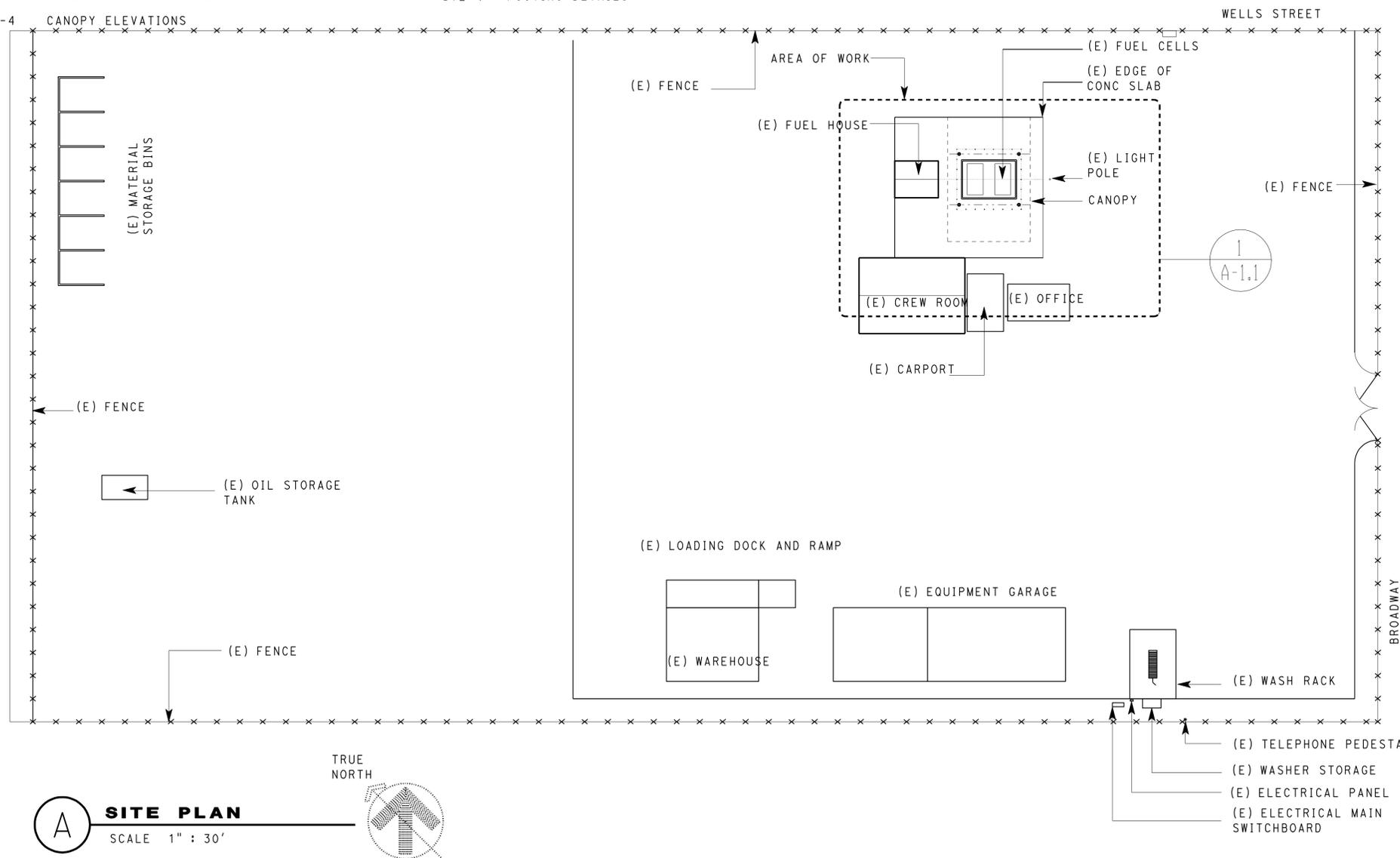
**DESIGN GUIDE:**

- 2010 CALIFORNIA BUILDING CODE
- 2010 CALIFORNIA FIRE CODE
- 2010 CALIFORNIA MECHANICAL CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 CALIFORNIA ENERGY CODE 9(TITLE 24)
- 2010 AMERICANS WITH DISABILITIES ACT STANDARDS

**BLDG. OCCUPANCY:** GROUP U  
**OCCUPANT LOAD:** NOT APPLICABLE

**AREA:** 36'X54'=1944 SQUARE FEET ( ROOF PROJECTION)

<b>CONSTRUCTION TYPE:</b>	TYPE II B
<b>ACTUAL CANOPY HEIGHT:</b>	16 FEET
<b>NUMBER OF EXITS REQ'D:</b>	NOT APPLICABLE
<b>CORRIDOR FIRE RATING:</b>	NOT APPLICABLE
<b>FIRE SPRINKLER:</b>	NOT APPLICABLE
<b>FIRE ALARM:</b>	NOT APPLICABLE
<b>SMOKE CONTROL SYSTEM:</b>	NOT APPLICABLE



**A SITE PLAN**  
 SCALE 1" : 30'

TRUE NORTH

RE Travis DESIGN SUPERVISOR DOUG LOWE DESIGN ARCHITECT	DESIGNERS: DOUG LOWE	CHECKED BY: C. FAUST	SHEET LEGEND A-I ARCHITECTURAL M-I MECHANICAL P-I WATER SUPPLY ST-1 STRUCTURAL EE-1 ELECTRICAL SS-1 SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	<b>BLYTHE MAINTENANCE STATION</b>	SHEET <b>GP</b>
	DRAWN BY: C. SANCHEZ,	STRUCTURAL REVIEW: C. FAUST				POST MILE 111.7		
GP-GenPI n.dgn ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 CU EA 08 12000207						DISREGARD PRINTS BEARING EARLIER REVISION DATES → 11-7-12		

12-MAR-2013 11:14 GP-GenPI n.dgn

# ARCHITECTURAL ABBREVIATIONS

&	AND	EPS	EXPANDED POLYSTYRENE	LBS	POUNDS	RO	ROUGH OPENING
L	ANGLE	EQ	EQUAL	LF	LINEAR FEET	RSWN	RESAWN
CL	CENTER LINE	EQUIP	EQUIPMENT	LKR	LOCKER	RTE	ROUTE
Ø	DIAMETER OR ROUND	ESCL	ESCALATOR	LLV	LONG LEG VERTICAL	RW	RETAINING WALL
□	SQUARE	ETW	EDGE OF TRAVEL WAY	LOL	LAYOUT LINE	RWL	RAINWATER LEADER
d	PENNY	EWC	ELECTRIC WATER COOLER	LPG	LIQUIFIED PETROLEUM GAS	S	SOUTH
°	DEGREE	EW/FD	EYE WASH WITH FLOOR DRAIN	LS	LAG SCREW	SC	SOLID CORE
ADA	AMERICANS WITH DISABILITIES ACT	LVR	LOUVER	M	METER	SCHED	SCHEDULE
A/C	AIR CONDITIONING	MAT	MATERIAL	MAT	MATERIAL	SD	SOAP DISPENSER
AC	ASPHALT CONCRETE	MAX	MAXIMUM	MB	MACHINE BOLT	SDST	SELF DRILLING SELF TAPPING SQUARE FEET
AB	ANCHOR BOLT	MBR	MEMBER	MECH	MECHANICAL	SF	SQUARE FEET
ABV	ABOVE	MEMB	MEMBRANE	MFR	MANUFACTURER	SH	SHOWER
ACOUS	ACOUSTICAL	MET	METAL	MGR	MANAGER	SHWR	SHOWER
ADJ	ADJUSTABLE	MH	MAN HOLE	MEMB	MEMBRANE	SHT	SHEET
ALT	ALTERNATE	MH	MAN HOLE	MET	METAL	SHTG	SHEATHING
ALUM	ALUMINUM	MIN	MINIMUM	MFR	MANUFACTURER	SIM	SIMILAR
APA	AMERICAN PLYWOOD ASSOCIATION	MIR	MIRROR	MGR	MANAGER	SL	SCORE LINE
ARCH	ARCHITECTURAL, ARCHITECT	MISC	MISCELLANEOUS	MH	MAN HOLE	SMS	SHEET METAL
ASPH	ASPHALT	MIW	MALLEABLE IRON	MIN	MINIMUM	SOHD	SECTIONAL OVERHEAD DOOR
BD	BOARD	mm	MILLIMETER	MIR	MIRROR	SPEC	SPECIFICATION
BIT	BITUMINOUS	MO	MASONRY OPENING	MISC	MISCELLANEOUS	SPS	STRUCTURAL PLYWOOD
BLDG	BUILDING	MTD	MOUNTED	MUL	MULLION	SQ	SQUARE
BLK	BLOCK	MUL	MULLION	N	NORTH	SRRA	SAFETY ROADSIDE REST AREA
BLKG	BLOCKING	N	NORTH	ND	NAPKIN DISPOSAL	SS	SERVICE SINK
BM	BEAM	ND	NAPKIN DISPOSAL	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	SST	STAINLESS STEEL
BN	BOUNDARY NAILING	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	NIC	NOT IN CONTRACT	STA	STATION
BOT	BOTTOM	NTS	NOT TO SCALE	NO	NUMBER	STAG	STAGGER
BR	BRIDGE	OBSC	OBSCURE ON CENTER	NOM	NOMINAL	STD	STANDARD
BTM	BOTTOM	OC	ON CENTER	NTS	NOT TO SCALE	STF	STOREFRONT
BTWN	BETWEEN	OD	OUTSIDE DIAMETER	OBSC	OBSCURE ON CENTER	STL	STEEL
BUR	BUILT-UP-ROOFING	OFF	OFFICE	OD	OUTSIDE DIAMETER	STOR	STORAGE
CJ	CONTROL JOINT	OG	ORIGINAL GROUND	OFF	OFFICE	STRUC	STRUCTURAL
CL	CHAIN LINK	OG	ORIGINAL GROUND	OP	OPERATIONS	SUSP	SUSPENDED
CAB	CABINET	OH	OPPOSITE HAND	OP	OPERATIONS	T	TREAD
CB	CATCH BASIN	OHD	OVERHEAD	OPG	OPENING	T&G	TONGUE & GROOVE
CEM	CEMENT	OPHWS	OVERHEAD WOOD SCREW	OPP	OPPOSITE	TB	TOLL BOOTH
CER	CERAMIC	OPT	OPTION, OPTIONAL	OPT	OPTION, OPTIONAL	TEL	TELEPHONE
CH	CLOTHES HOOK	P	PITCH	P	PITCH	TEMP	TEMPERED
CIDH	CAST IN DRILLED HOLE	PB	POST BASE	PB	POST BASE	TER	TERRAZZO
CIP	CAST IN PLACE	PC	POST CAP	PC	POST CAP	THK	THICK
CKBD	CHALKBOARD	PCC	PORTLAND CEMENT CONCRETE	PCC	PORTLAND CEMENT CONCRETE	THLD	THRESHOLD
CLG	CEILING	PDF	POWDER DRIVEN FASTENERS	PDF	POWDER DRIVEN FASTENERS	TJ	TOOLED JOINT
CMU	CONCRETE MASONRY UNIT	PH	PHILLIPS HEAD	PH	PHILLIPS HEAD	TKBD	TACKBOARD
CLO	CLOSET	PL	PLATE	PL	PLATE	TN	TOE NAIL
CLR	CLEAR	PLAM	PLASTIC LAMINATE	PLAM	PLASTIC LAMINATE	TNVM	TAMPON/NAPKIN VENDING MACHINE
COL	COLUMN	PLAS	PLASTER	PLAS	PLASTER	TOC	TOP OF CURB OR CONCRETE
CONC	CONCRETE	PLYWD	PLYWOOD	PLYWD	PLYWOOD	TOP	TOP OF PAVEMENT
CONN	CONNECTION	PMF	PRESSED METAL FRAME	PMF	PRESSED METAL FRAME	TOS	TOE OF SLOPE
CONST	CONSTRUCTION	PR	PAIR	PR	PAIR	TOT	TOTAL
CONT	CONTINUOUS	PRTN	PARTITION	PRTN	PARTITION	TOW	TOP OF WALL
CORR	CORRIDOR	PT	POINT	PT	POINT	TS	TUBE STEEL
CPT	CARPET	PTD	PAPER TOWEL DISPENSER	PTD	PAPER TOWEL DISPENSER	TSCD	TOILET SEAT COVER DISPENSER
CT	CERAMIC TILE	PTD/R	PAPER TOWEL DISPENSER /RECEPTACLE	PTD/R	PAPER TOWEL DISPENSER /RECEPTACLE	TTD	TOILET TISSUE DISPENSER
CTR	CENTER	PVC	POLYVINYL CHLORIDE	PVC	POLYVINYL CHLORIDE	TTY	TELETYPEWRITER
CTSK	COUNTERSUNK	PWB	PREFABRICATED WOOD I BEAM	PWB	PREFABRICATED WOOD I BEAM	TYP	TYPICAL
CY	CUBIC YARD	QT	QUARRY TILE	QT	QUARRY TILE	UNF	UNFINISHED UNLESS OTHERWISE NOTED
DBL	DOUBLE	R	RELOCATED	R	RELOCATED	UON	UNLESS OTHERWISE NOTED
DEPT	DEPARTMENT	R/W	RADIUS, RISER	R/W	RADIUS, RISER	UR	URINAL
DET	DETAIL	RD	RIGHT OF WAY	RD	RIGHT OF WAY	VAR	VARIES
DF	DOUGLAS FIR	RDWD	ROOF DRAIN	RDWD	ROOF DRAIN	VCT	VINYL COMPOSITION TILE
DIA	DIAMETER	REF	REFERENCE	REF	REFERENCE	VERT	VERTICAL
DIM	DIMENSION	REFG	REFRIGERATOR	REFG	REFRIGERATOR	VEST	VESTIBULE
DN	DOWN	REFNG	REINFORCED (ING)	REFNG	REINFORCED (ING)	VR	VENT RISER
DP	DEEP	REQ	REQUIRED	REQ	REQUIRED	VTR	VENT THRU ROOF
DR	DOOR	RFG	ROOFING	RFG	ROOFING	W	WEST
DS	DOWNSPOUT	RH	ROUGHSAWN	RH	ROUGHSAWN	W/	WITH
DWG	DRAWING	RHWS	ROUND HEAD WOOD SCREWS	RHWS	ROUND HEAD WOOD SCREWS	W/O	WITHOUT
DWR	DRAWER	RJ	ROOF JOIST	RJ	ROOF JOIST	WC	WATER CLOSET
(E)	EXISTING	RM	ROOM	RM	ROOM	WD	WOOD
E	EAST	RM	ROOM	RM	ROOM	WDW	WINDOW
EA	EACH	RO	ROUGH OPENING	RO	ROUGH OPENING	WH	WATER HEATER
EF	EXHAUST FAN	RSWN	RESAWN	RSWN	RESAWN	WP	WORKING POINT
EHD	ELECTRIC HAND DRYER	RTE	ROUTE	RTE	ROUTE	WR	WATER RESISTANT
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	RWL	RAINWATER LEADER	RWL	RAINWATER LEADER	WSCT	WAINSCOT
EJ	EXPANSION JOINT	S	SOUTH	S	SOUTH	WT	WEIGHT
EL	ELEVATION (HEIGHT)	SC	SOLID CORE	SC	SOLID CORE	WTPR	WATERPROOFING
ELEC	ELECTRICAL	SD	SCHEDULE	SD	SCHEDULE	WWF	WELDED WIRE FABRIC
ELEV	ELEVATION (VIEW)	SDST	SELF DRILLING SELF TAPPING SQUARE FEET	SDST	SELF DRILLING SELF TAPPING SQUARE FEET	YD	YARD
ELVR	ELEVATOR	SF	SQUARE FEET	SF	SQUARE FEET		
EMER	EMERGENCY	SH	SHOWER	SH	SHOWER		
ENCL	ENCLOSURE	SHWR	SHOWER	SHWR	SHOWER		
EP	EDGE OF PAVEMENT	SHT	SHEET	SHT	SHEET		
EPB	ELECTRICAL PANELBOARD	SHTG	SHEATHING	SHTG	SHEATHING		

# DESIGN CRITERIA

THE BUILDING WORK ON THIS PROJECT HAS BEEN DESIGNED TO CONFORM TO THE 2010 TITLE 24 CALIFORNIA BUILDING CODE.

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv,SBd	5701, 5731		3	40

3-11-13  
PLANS APPROVAL DATE

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# 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.

**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: 12-11-12

# SYMBOLS

	GRID LINE		BUILDING SECTION LETTER
	MATCH LINE		SHEET
	WORKING POINT		DETAIL NUMBER
	ROOM NUMBER		SHADED ARROW INDICATES ELEVATION DRAWN
	DOOR DESIGNATION		SECTION LETTER; SECTION DRAWN ON SAME SHEET
	WINDOW DESIGNATION		ELEVATION LETTER; ELEVATION DRAWN ON SAME SHEET
	LOUVER DESIGNATION		DRAWN ON SAME SHEET
	COLOR DESIGNATION		

COLOR SCHEDULE: ( This schedule applies to both Blythe and Vidal Projects.)

a. All steel work: columns, beams & deck (both sides) shall be painted in glossy white. Color similar to Kelly-Moore Paint No. 14 Frost.

b. Foundations supporting canopy columns shall be painted in yellow matching the color of the bollards. Color similar to Kelly-Moore Paint AC208-Y

DESIGN BY Carlos Sanchez	CHECKED C.Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	<b>BLYTE MAINTENANCE STATION</b>		SHEET
DETAILS BY Carlos Sanchez	CHECKED C.Faust			POST MILE 111.7	ABBREVIATIONS SYMBOLS	ARCHITECTURAL ABBREVIATIONS, SYMBOLS	<b>A0-1</b>
QUANTITIES BY	CHECKED						

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

CU 08 12000207

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

11-26-12

12-MAR-2013 11:14

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		4	40
 LICENSED ARCHITECT			DATE		
			3-11-13 PLANS APPROVAL DATE		
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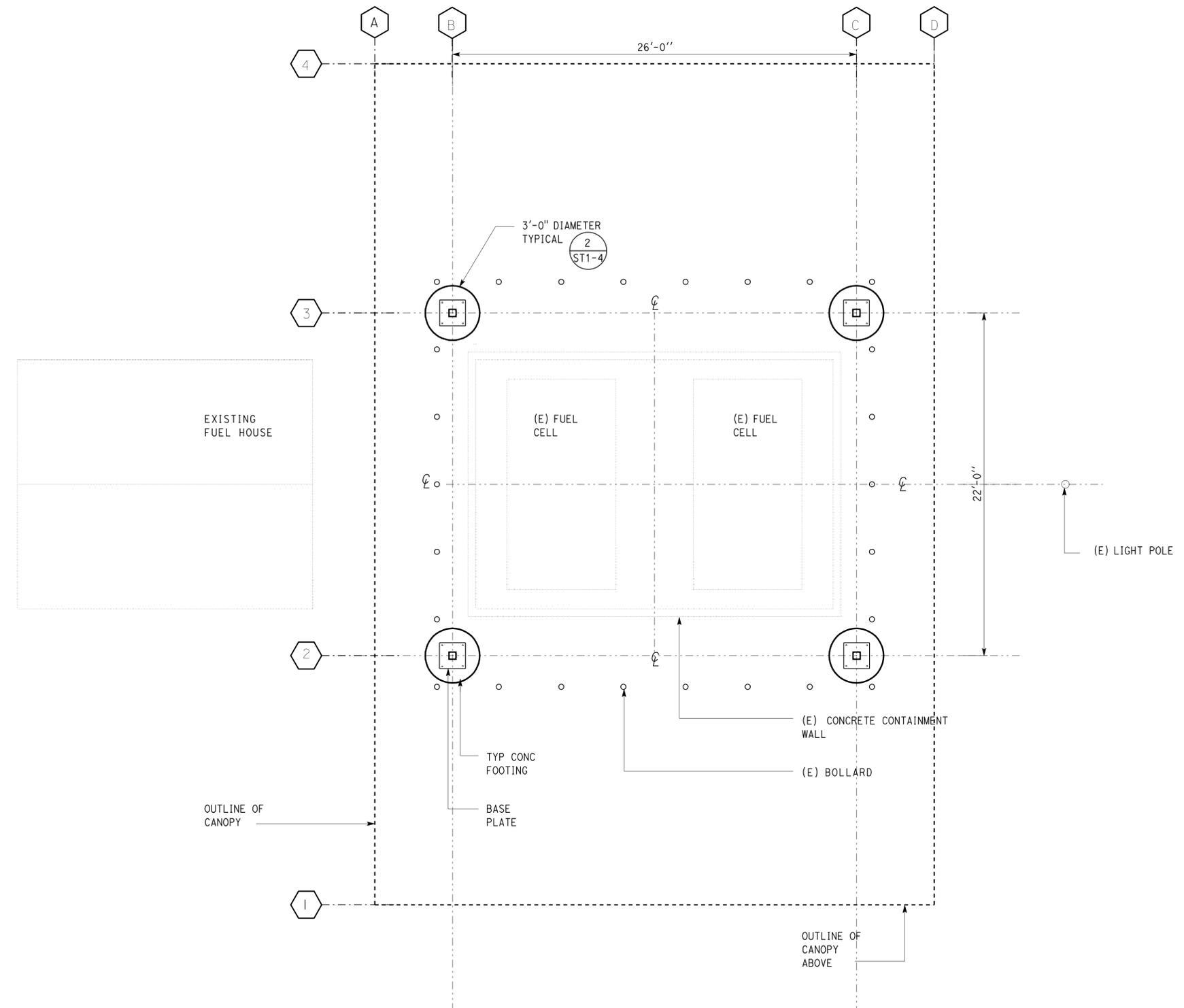
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 FRANCIS SOLICH  
 Approval date: 12-11-12

**NOTE**

1. LOCATE CENTER OF COLUMNS BASED ON THE CENTER LINES OF THE EXISTING FUEL CELLS.



**1 ENLARGED SITE PLAN**  
 SCALE: 1/4" = 1'-0"  
  
 PLAN NORTH



a1_1 Fir Pfln.dgn DS OSD Imperial Rev. 10/07 12-MAR-2013 11:14	DESIGN	BY Carlos Sanchez	CHECKED C. Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	<b>BLTYHE MAINTENANCE STATION</b>		SHEET OF <b>A1-1</b>
	DETAILS	BY Carlos Sanchez	CHECKED C. Faust			56M5701	ENLARGED SITE PLAN		
	QUANTITIES	BY	CHECKED			111.7	REVISION DATES (PRELIMINARY STAGE ONLY)		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU EA 08 12000207	DISREGARD PRINTS BEARING EARLIER REVISION DATES			SHEET OF

12-MAR-2013 11:14

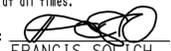
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08	Riv, SBd	5701, 5731		5	40

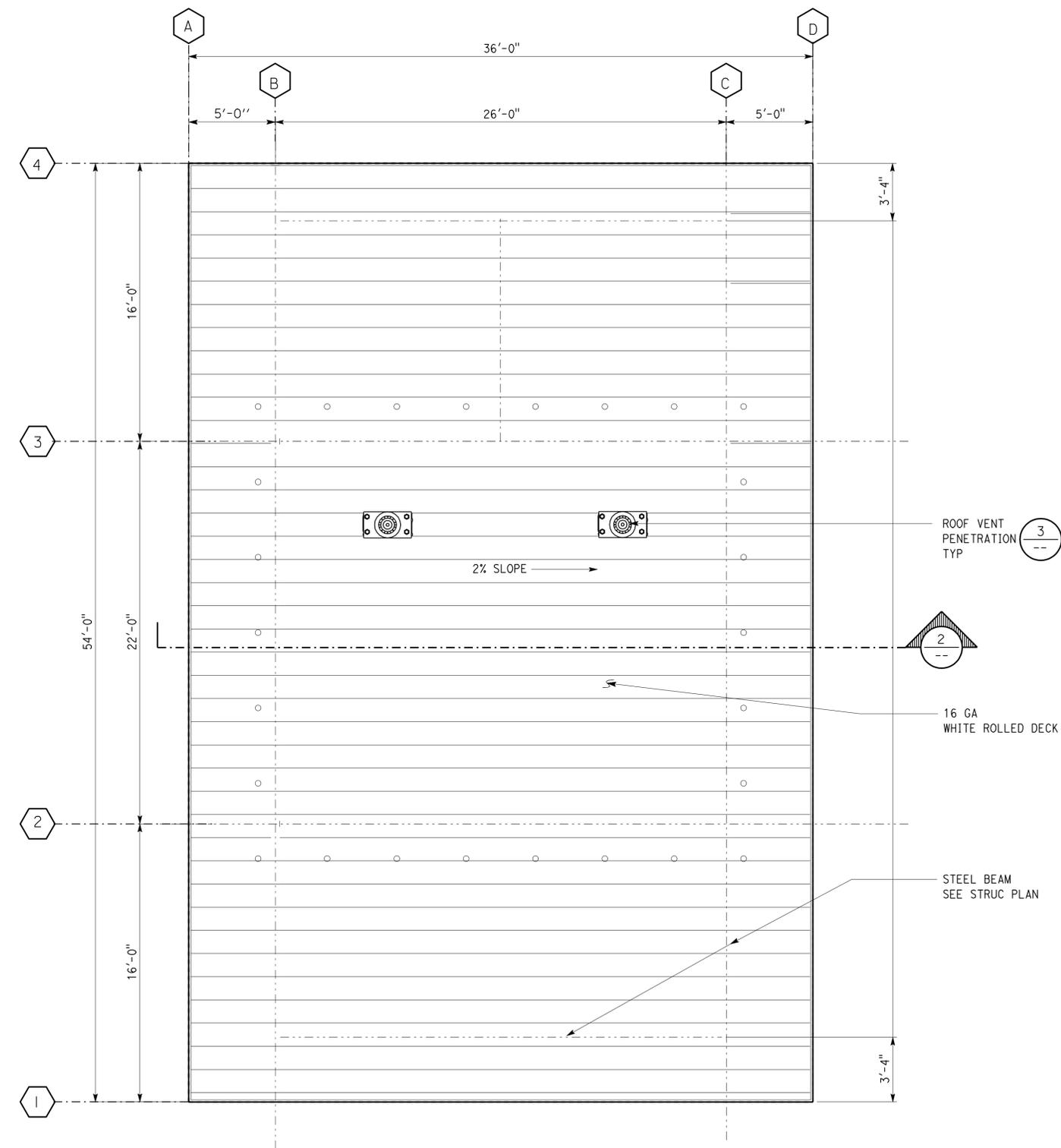
  
 LICENSED ARCHITECT \_\_\_\_\_ DATE \_\_\_\_\_  
 3-11-13  
 PLANS APPROVAL DATE  
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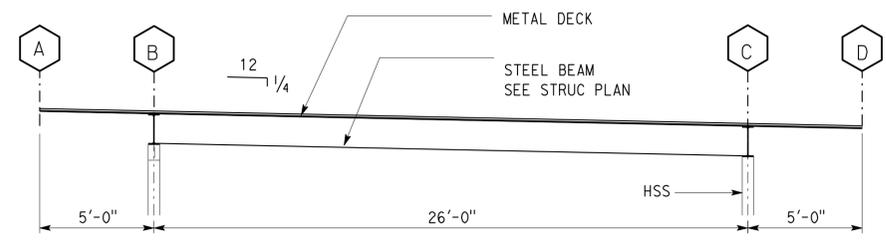
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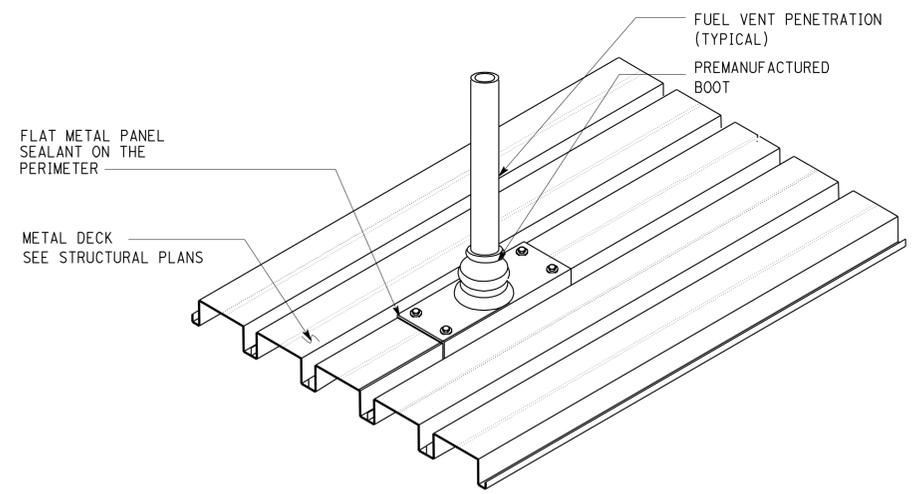
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**FRANCIS SOLICH**  
 Approval date: 12-11-12



**1 CANOPY ROOF PLAN**  
 SCALE 1/4" = 1'-0"  
  
 PLAN NORTH



**2 ROOF SECTION**  
 SCALE 1/4" = 1'-0"

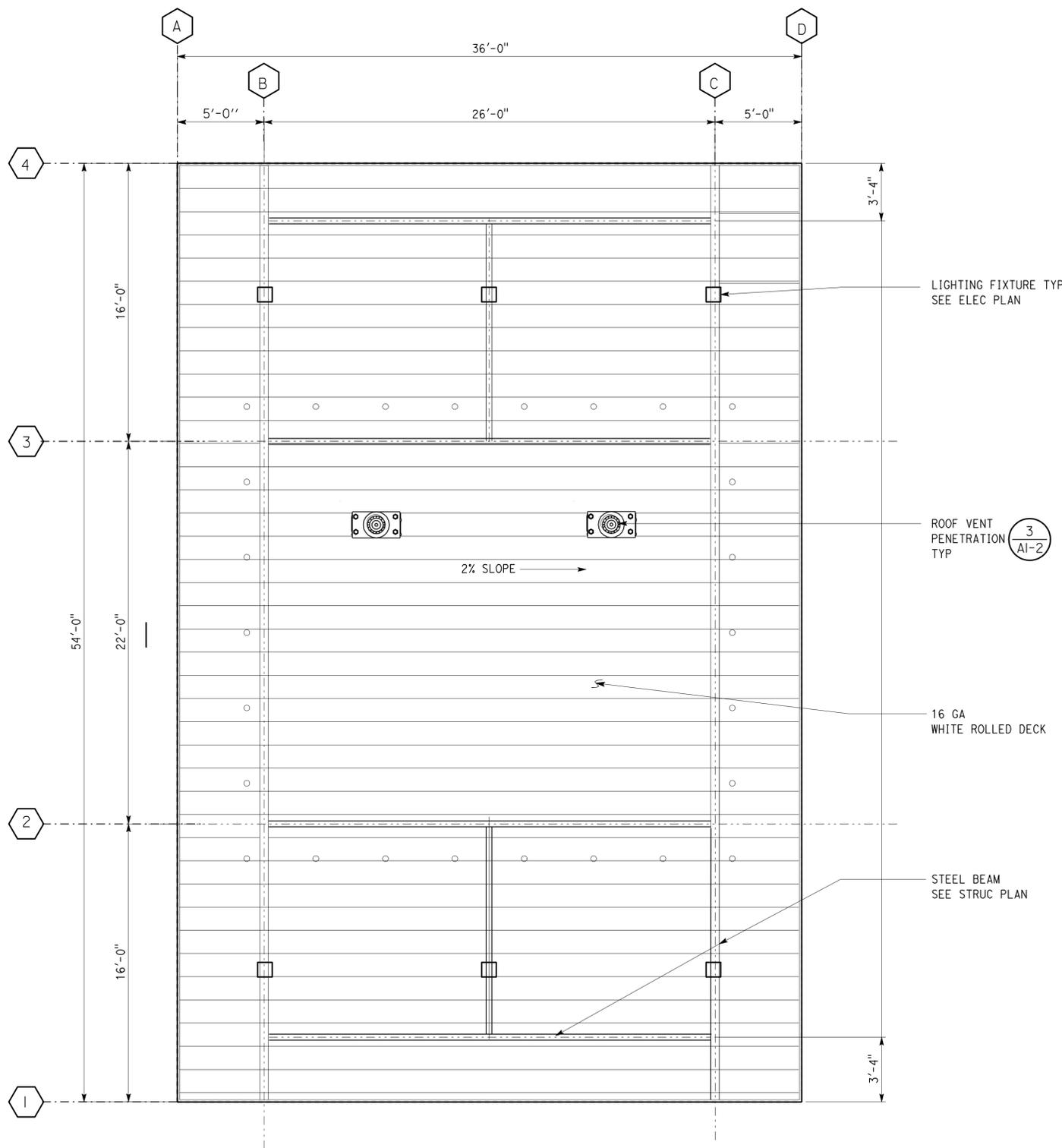


**3 ROOF VENT PENETRATION**  
 SCALE: NTS

NOTE:  
 The fuel tank vent shall penetrate the metal roof deck as shown on this plan. If required, the vent shall be offset to be centered on the metal deck upper channel. Fuel tank vent penetration location & quantity shall be determined at the site.

a1-2 RfPin.dgn DS OSD Imperial Rev. 10/07 12-MAR-2013 11:15	DESIGN BY Carlos Sanchez	CHECKED C. Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	<b>BLYTE MAINTENANCE STATION</b> CANOPY ROOF PLAN & SECTION	SHEET OF
	DETAILS BY Carlos Sanchez	CHECKED C. Faust		POST MILE 111.7	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
QUANTITIES BY	CHECKED	CU EA 08 12000207		DISREGARD PRINTS BEARING EARLIER REVISION DATES	0 1 2 3	12-MAR-2013 11:15	a1-2 RfPin.dgn

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		6	40
 LICENSED ARCHITECT			DATE		
3-11-13 PLANS APPROVAL DATE					
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**FRANCIS SOLICH**  
 Approval date: 12-11-12

**1 REFLECTED CEILING PLAN**  
 SCALE 1/4" = 1'-0"  
  
 PLAN NORTH

DESIGN	BY Carlos Sanchez	CHECKED C. Faust
DETAILS	BY Carlos Sanchez	CHECKED C. Faust
QUANTITIES	BY	CHECKED

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

BRIDGE NO. 56M5701	<b>BLYTE MAINTENANCE STATION</b>	SHEET <b>A1-2.1</b>
POST MILE 111.7		
REFLECTED CEILING PLAN		

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		7	40

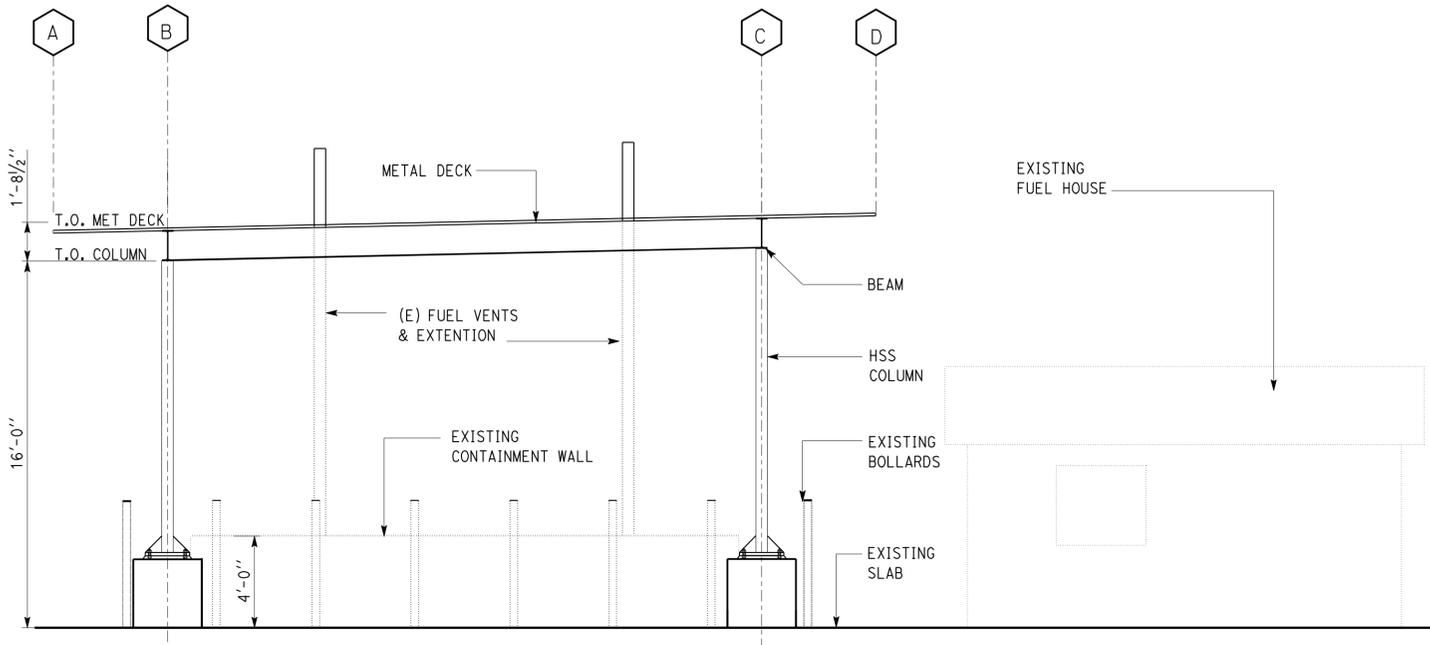
 LICENSED ARCHITECT		DATE
		3-11-13
PLANS APPROVAL DATE		

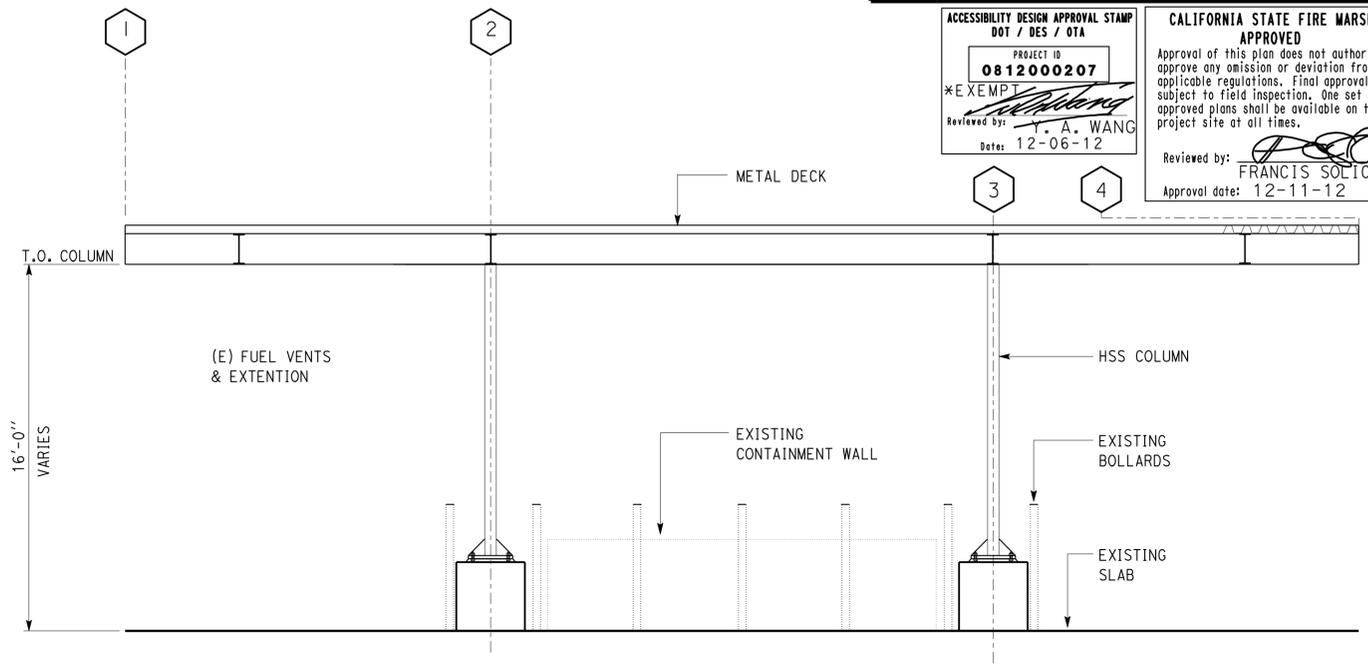
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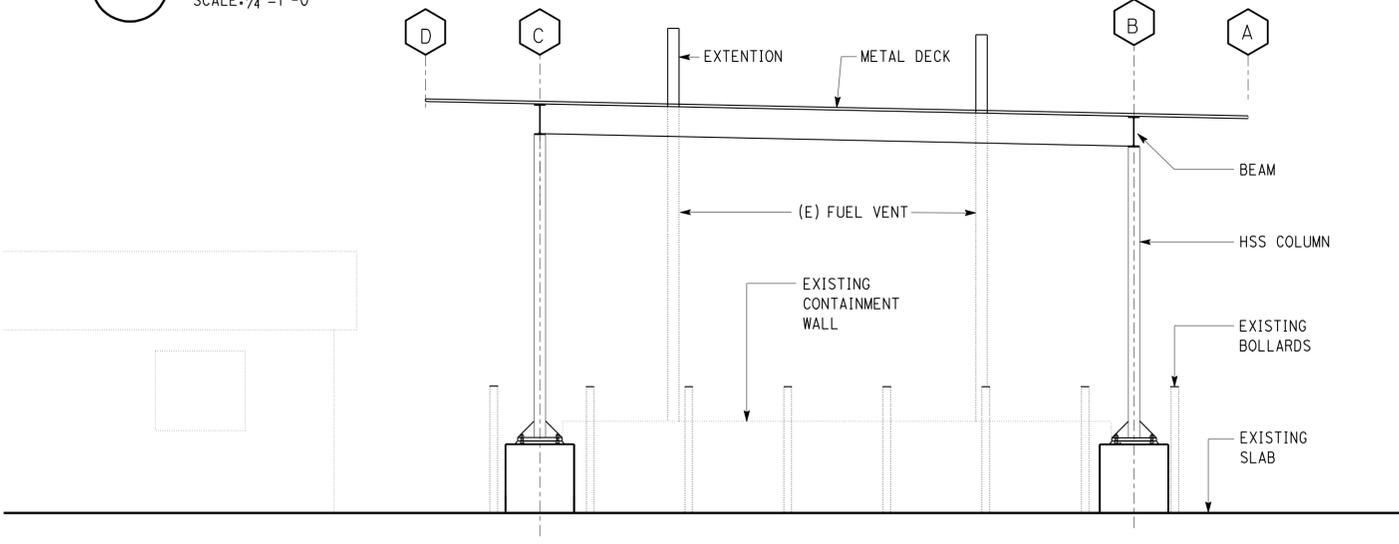
<b>ACCESSIBILITY DESIGN APPROVAL STAMP</b> DOT / DES / OTA PROJECT ID: 0812000207 EXEMPT Reviewed by: Y. A. WANG Date: 12-06-12	<b>CALIFORNIA STATE FIRE MARSHAL APPROVED</b> Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: FRANCIS SOLICH Approval date: 12-11-12
--	---



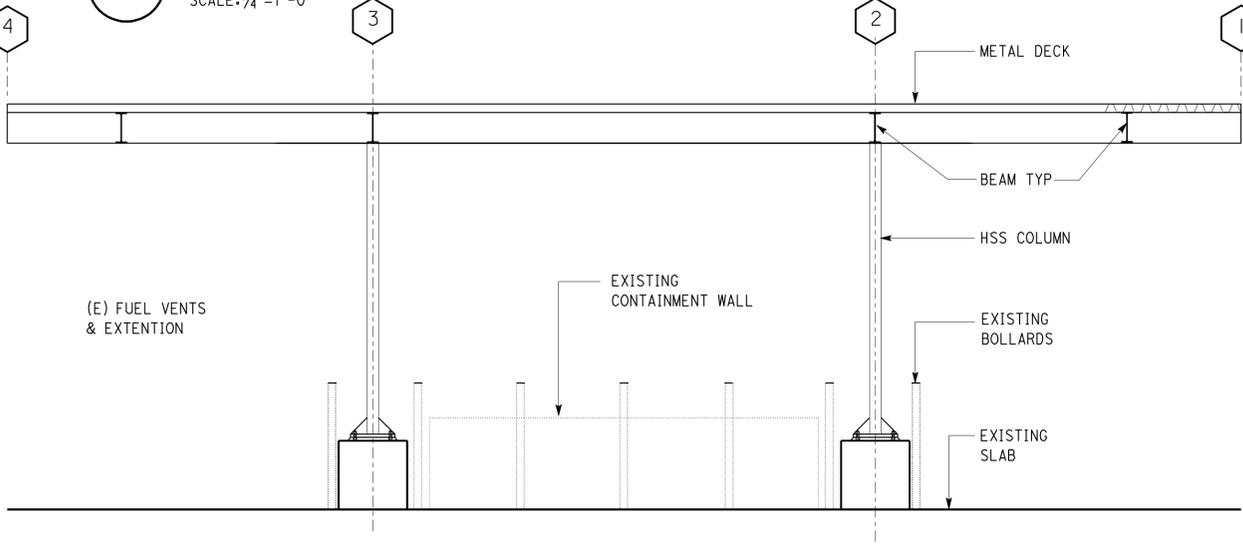
**1 CANOPY NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**3 CANOPY EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 CANOPY SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**4 CANOPY WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

DESIGN	BY Carlos Sanchez	CHECKED C. Faust
DETAILS	BY Carlos Sanchez	CHECKED C. Faust
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES  
ARCHITECTURAL AND STRUCTURAL DESIGN

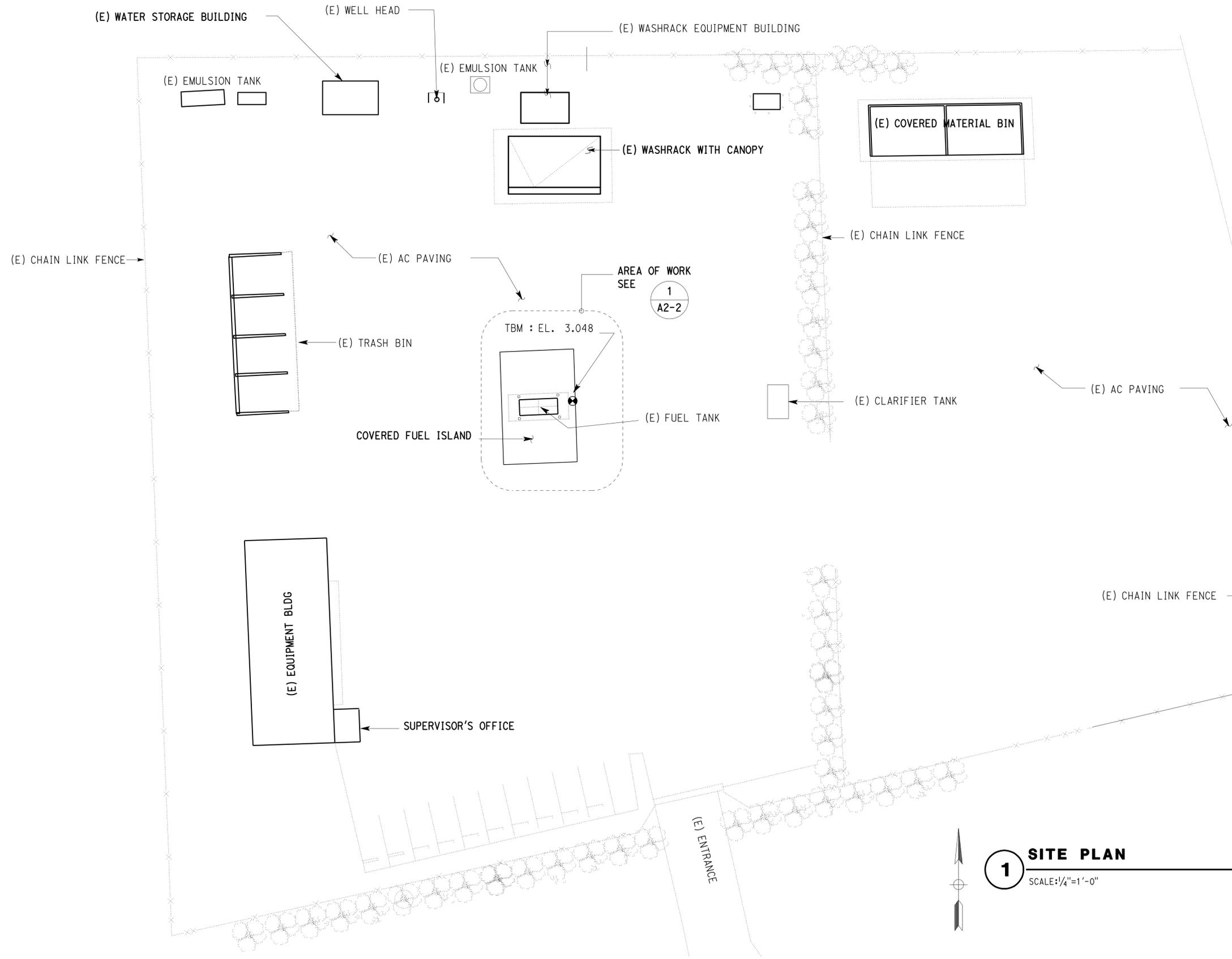
BRIDGE NO.	56M5701
POST MILE	111.7

**BLTYHE MAINTENANCE STATION**  
CANOPY ELEVATIONS

SHEET **A1-3** OF

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		8	40

  
 LICENSED ARCHITECT DATE \_\_\_\_\_  
 3-11-13  
 PLANS APPROVAL DATE  
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CODE ANALYSIS

**DESIGN GUIDE:**

- 2010 CALIFORNIA BUILDING CODE
- 2010 CALIFORNIA FIRE CODE
- 2010 CALIFORNIA MECHANICAL CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 CALIFORNIA ENERGY CODE (TITLE 24)
- CURRENT EDITION OF AMERICANS WITH DISABILITIES ACT.

**BLDG. OCCUPANCY: GROUP U**  
**OCCUPANT LOAD: NOT APPLICABLE**  
**AREA: 28'-6" X 43'-6" = 1240 SQUARE FEET (ROOF PROJECTION)**

<b>CONSTRUCTION TYPE:</b>	TYPE II B
<b>ACTUAL CANOPY HEIGHT:</b>	16 FEET
<b>NUMBER OF EXITS REQ'D:</b>	NOT APPLICABLE
<b>CORRIDOR FIRE RATING:</b>	NOT APPLICABLE
<b>FIRE SPRINKLER:</b>	NOT APPLICABLE
<b>FIRE ALARM:</b>	NOT APPLICABLE
<b>SMOKE CONTROL SYSTEM:</b>	NOT APPLICABLE

**1 SITE PLAN**  
SCALE: 1/4" = 1'-0"

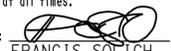
DESIGN	BY Carlos Sanchez	CHECKED C. Faust
DETAILS	BY Carlos Sanchez	CHECKED C. Faust
QUANTITIES	BY	CHECKED

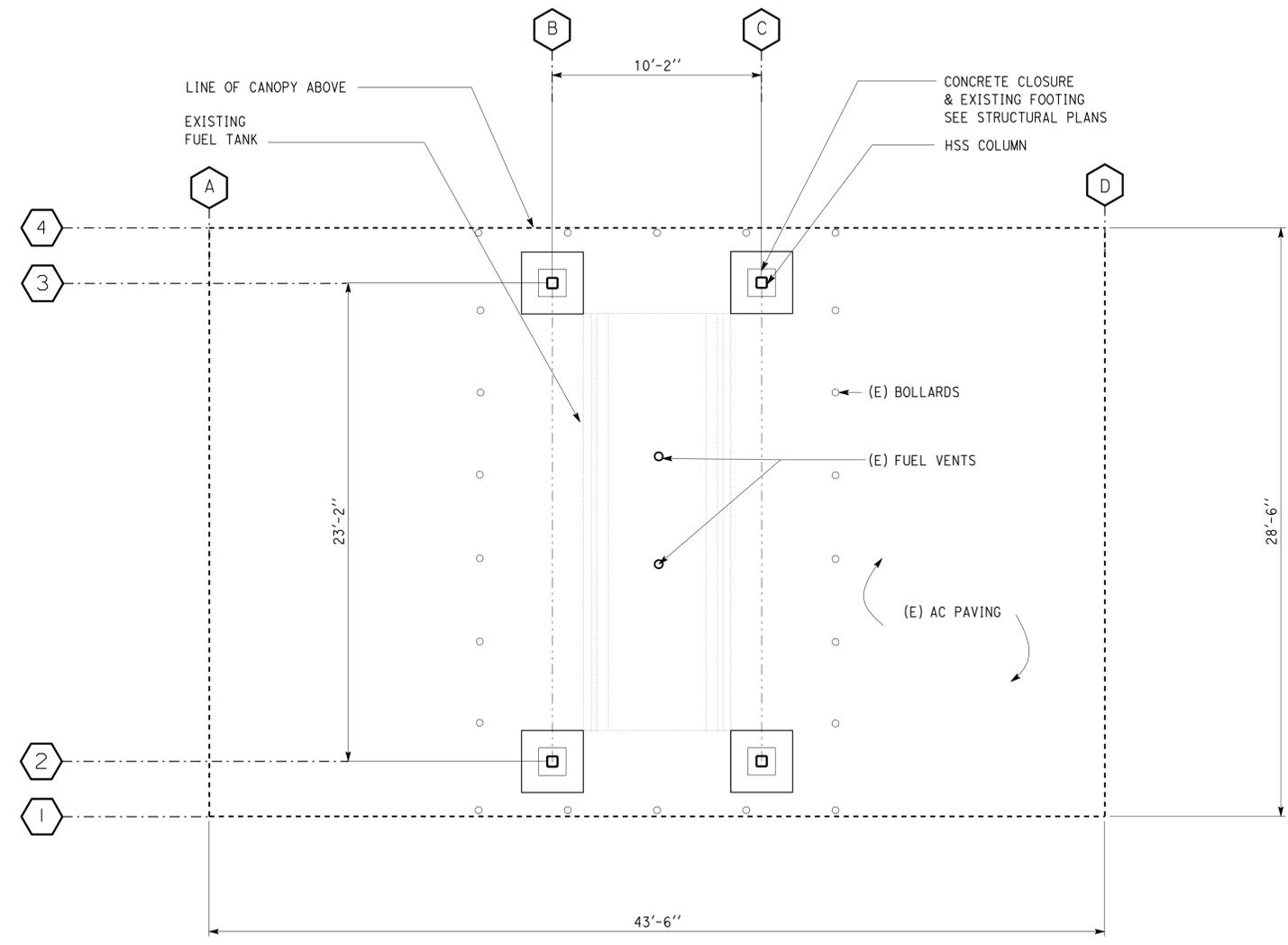
STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF ENGINEERING SERVICES  
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	56M5701	<b>VIDAL MAINTENANCE STATION</b> SHEET <b>A2-1</b>		
POST MILE	111.7			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		REVISION DATES (PRELIMINARY STAGE ONLY)		
0	1	2	3	SHEET OF

12-MAR-2013 11:15

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		9	40
 LICENSED ARCHITECT		DATE		 C.A. SANCHEZ No. C-15201 Exp. 2-31-2013 STATE OF CALIFORNIA	
3-11-13 PLANS APPROVAL DATE					
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 Reviewed by:   
 FRANCIS SOLICH  
 Approval date: 12-11-12

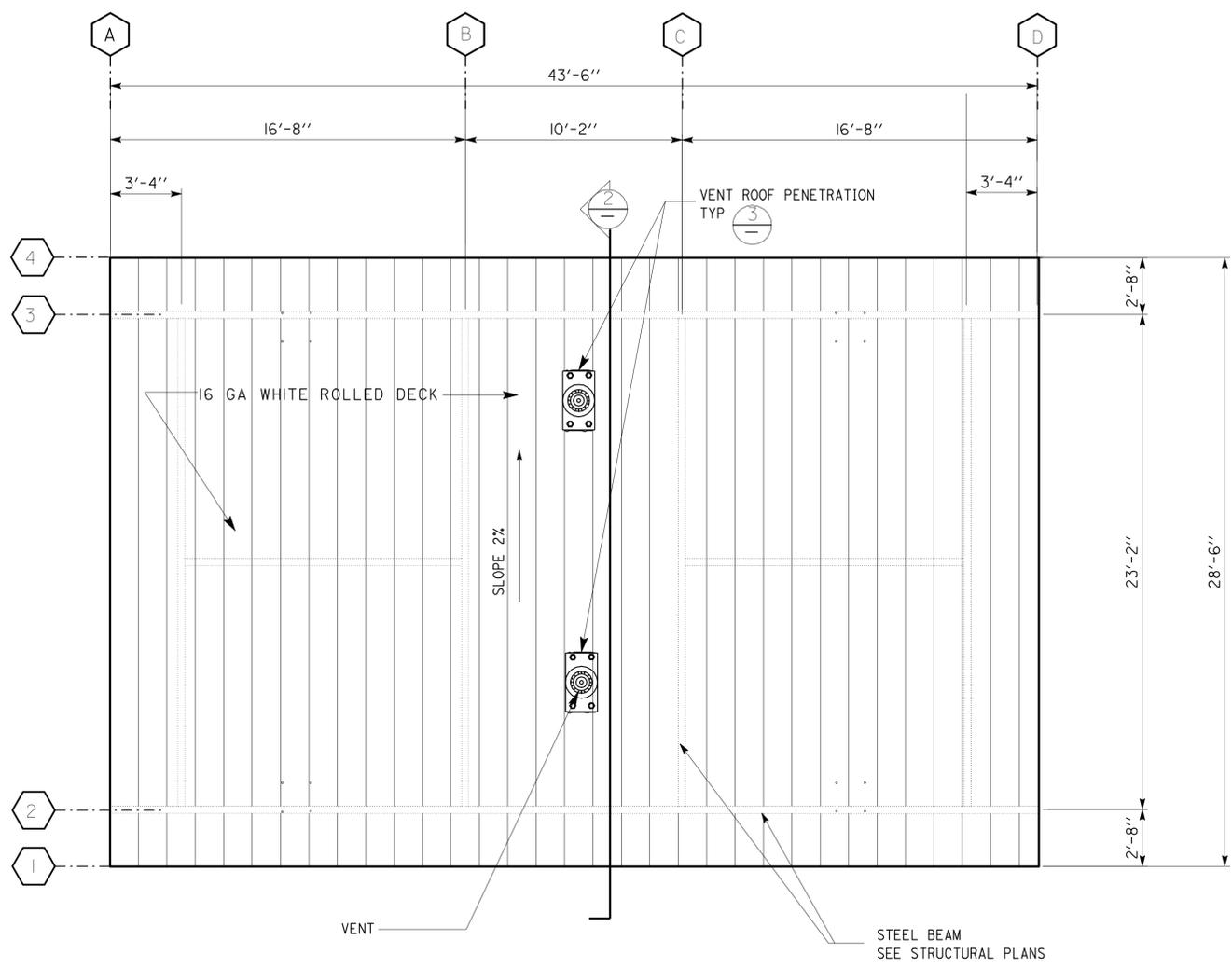


**1 CANOPY FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"  
  
 PLAN NORTH

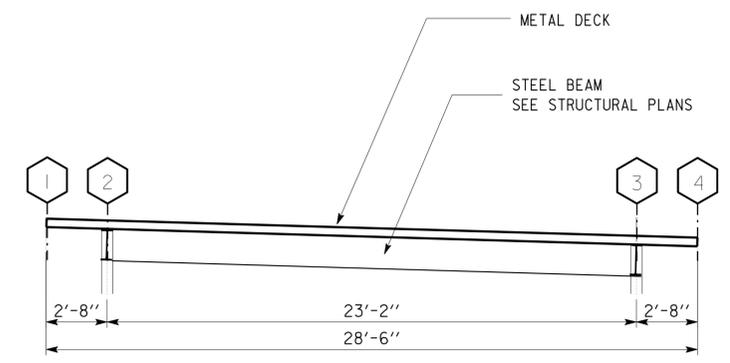
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	DETAILS BY Carlos Sanchez	CHECKED C. Faust			POST MILE 111.7		REVISION DATES (PRELIMINARY STAGE ONLY)
QUANTITIES BY	CHECKED	CU EA 08 12000207			DISREGARD PRINTS BEARING EARLIER REVISION DATES	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	

12-MAR-2013 11:15

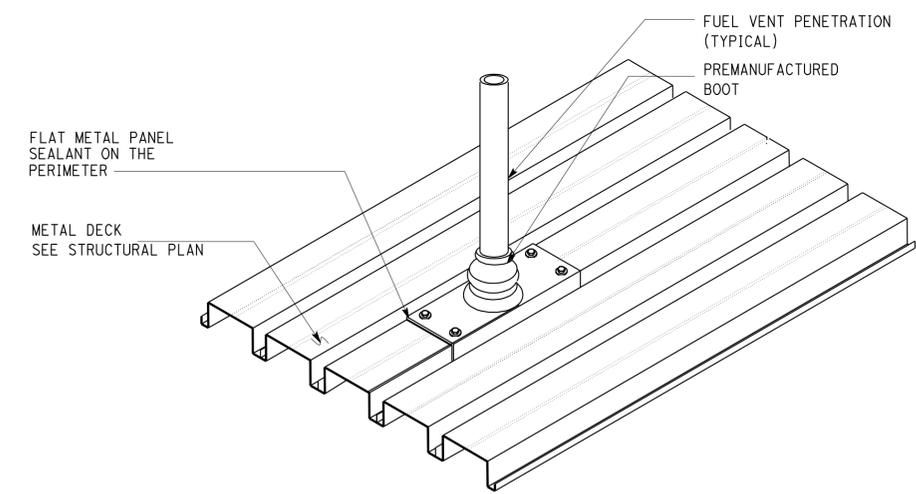
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 LICENSED ARCHITECT			DATE		
					
3-11-13 PLANS APPROVAL DATE					
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**1 CANOPY ROOF PLAN**  
SCALE 1/4" = 1'-0"  
PLAN NORTH



**2 ROOF SECTION**  
SCALE 1/4" = 1'-0"



**3 ROOF VENT PENETRATION**  
SCALE: NTS

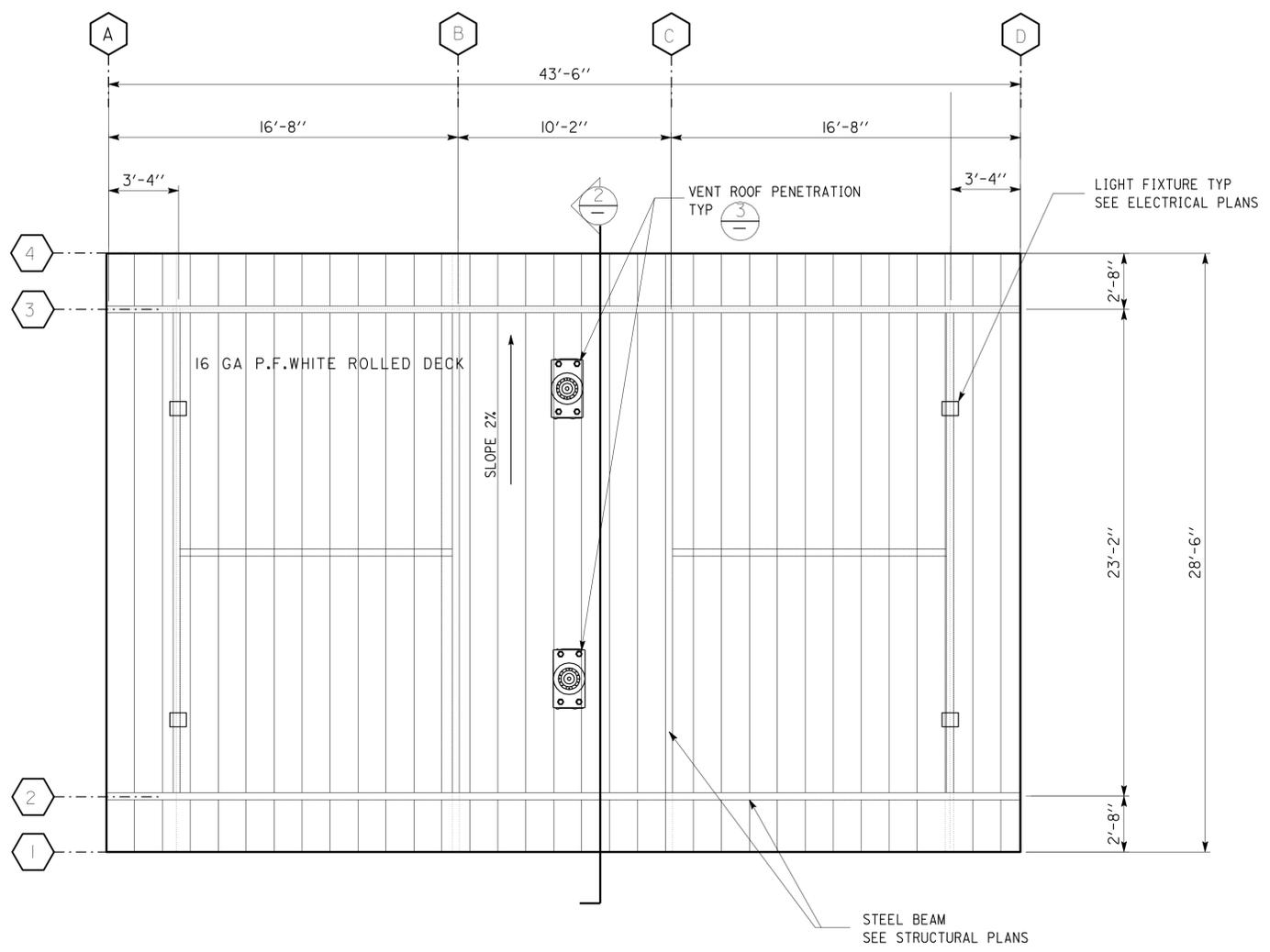
NOTE:  
The fuel tank vent shall penetrate the metal roof deck as shown on this plan. If required, the vent shall be offset to be centered on the metal deck upper channel. Fuel tank vent penetration location & quantity shall be determined at the site.

**CALIFORNIA STATE FIRE MARSHAL APPROVED**  
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Reviewed by: FRANCIS SOLICH  
Approval date: 12-11-12

A2-2 .1 Rf Pln.dgn DS OSD Imperial Rev. 10/07 12-MAR-2013 11:15	DESIGN BY Carlos Sanchez	CHECKED C. Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	<b>VIDAL MAINTENANCE STATION</b> ROOF PLAN AND SECTION	SHEET OF
	DETAILS BY Carlos Sanchez	CHECKED C. Faust		POST MILE 111.7	CU EA 08 12000207		REVISION DATES (PRELIMINARY STAGE ONLY)
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES			

12-MAR-2013 11:15

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		11	40
 LICENSED ARCHITECT			DATE		
3-11-13 PLANS APPROVAL DATE					
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 Reviewed by:   
**FRANCIS SOLICH**  
 Approval date: 12-11-12

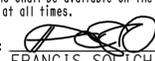
**1 CANOPY REFLECTED CEILING PLAN**  
 SCALE: 1/4"=1'-0"

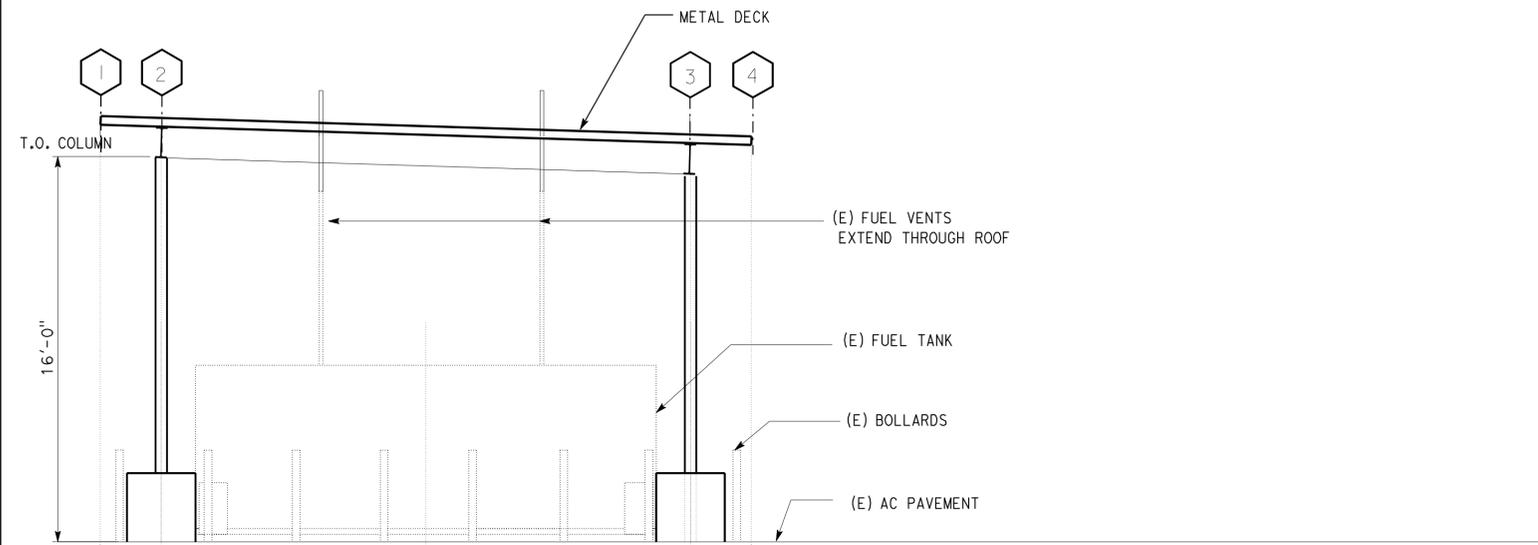


A2-3 Rf Pln.dgn DS OSD Imperial Rev. 10/07 12-MAR-2013 11:15	DESIGN BY Carlos Sanchez	CHECKED C. Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	<b>VIDAL MAINTENANCE STATION</b> REFLECTED CEILING PLAN	SHEET
	DETAILS BY Carlos Sanchez	CHECKED C. Faust			POST MILE 111.7		REVISION DATES (PRELIMINARY STAGE ONLY)
QUANTITIES BY	CHECKED	CU EA 08 12000207			DISREGARD PRINTS BEARING EARLIER REVISION DATES →		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3				

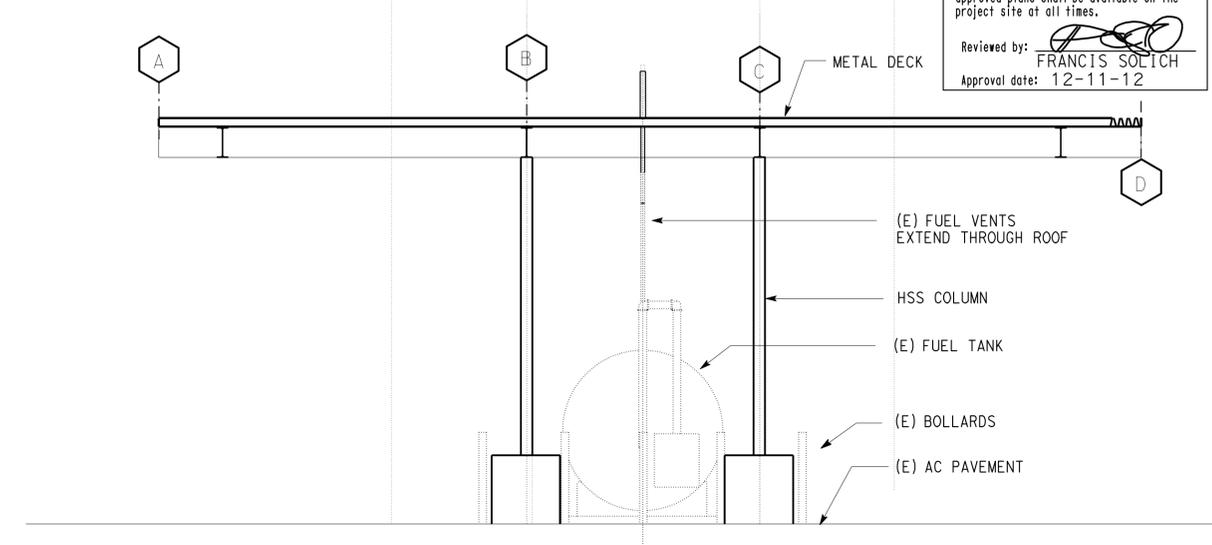
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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 LICENSED ARCHITECT			DATE		
			3-11-13 PLANS APPROVAL DATE		
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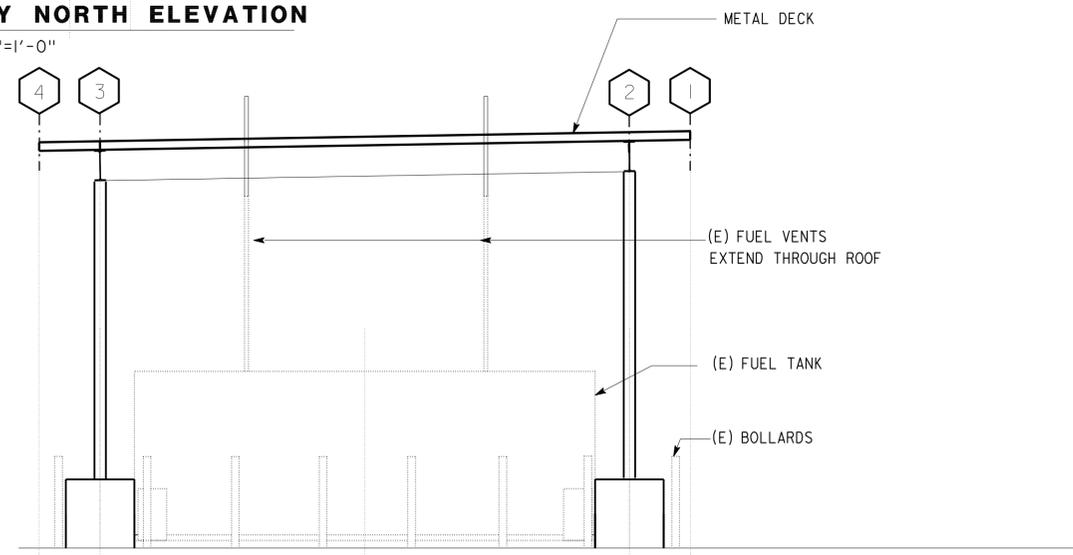
**CALIFORNIA STATE FIRE MARSHAL APPROVED**  
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 Reviewed by:   
 FRANCIS SOLICH  
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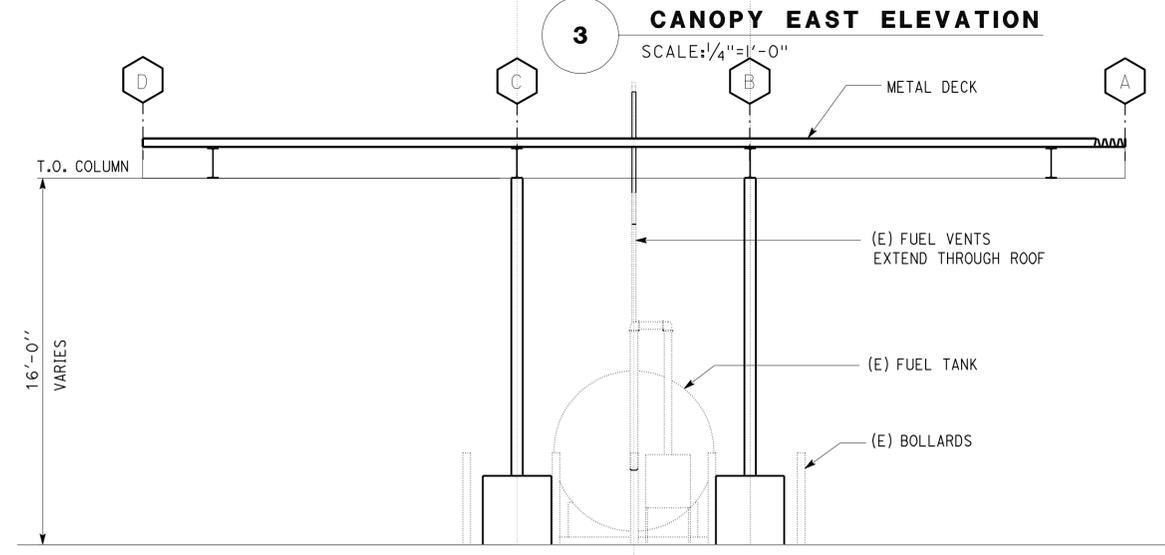
**1 CANOPY NORTH ELEVATION**  
 SCALE: 1/4" = 1'-0"



**3 CANOPY EAST ELEVATION**  
 SCALE: 1/4" = 1'-0"



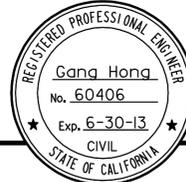
**2 CANOPY SOUTH ELEVATION**  
 SCALE: 1/4" = 1'-0"



**4 CANOPY WEST ELEVATION**  
 SCALE: 1/4" = 1'-0"

A2-4 Elev.dgn DS OSD Imperial Rev. 10/07 12-MAR-2013 11:15	DESIGN	BY Carlos Sanchez	CHECKED C. Faust	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	<b>VIDAL MAINTENANCE STATION</b> CANOPY ELEVATIONS	SHEET
	DETAILS	BY Carlos Sanchez	CHECKED C. Faust			56M5701		<b>A2-4</b>
	QUANTITIES	BY	CHECKED			POST MILE 111.7		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU EA 08 12000207	DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY)

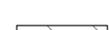
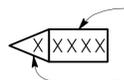
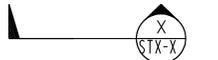
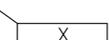
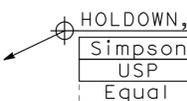
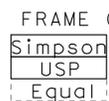
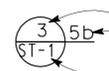
12-MAR-2013 11:15

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 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
DbI	DOUBLE	Opt	OPTIONAL
DF	DOUGLAS FIR	P	PITCH
Dia	DIAMETER	PDF	POWER DRIVEN FASTENER
DIP	DUSTILE IRON PIPE	Plwd	PLAWOOD
DN	DIAMETER NOMINAL	PT	PRESSURE TREATED
do	DITTO	PW	PUDDLE WELD
(E)	EXISTING	PWB	PREFABRICATED WOOD I BEAM
Eq	EACH	RCP	REINFORCED CONCRETE PIPE
EL	ELEVATION	Reinf	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	GYPSTUM BOARD		

**SYMBOLS**

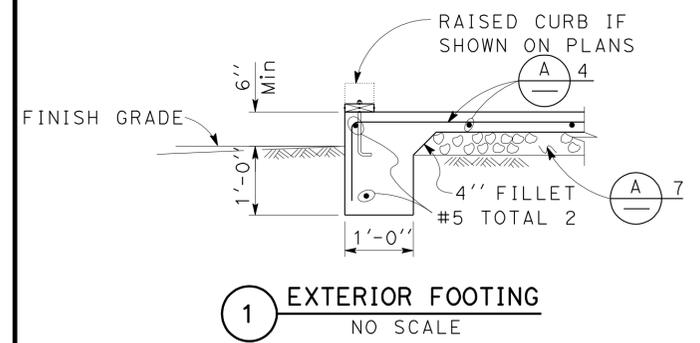
	BLOCKING IN SECTION OR ELEVATION		CMU WALL ON PLAN VIEWS
	CONTINUOUS MEMBER IN SECTION		DROPPED SLAB ON PLAN VIEWS
	END OF MEMBER		REINFORCED CONCRETE
	BEARING WALL		SAND
	SHEAR WALL		STRUCTURE BACKFILL
	LENGTH SHEARWALL SCHEDULE SYMBOL REFERENCE		STRUCTURE EXCAVATION
	GLUE LAMINATED MEMBER SECTION		ORIGINAL GROUND
	NORTH ARROW		LIMITS OF STRUCTURE BACKFILL (SHOWN ON PLAN VIEWS)
	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

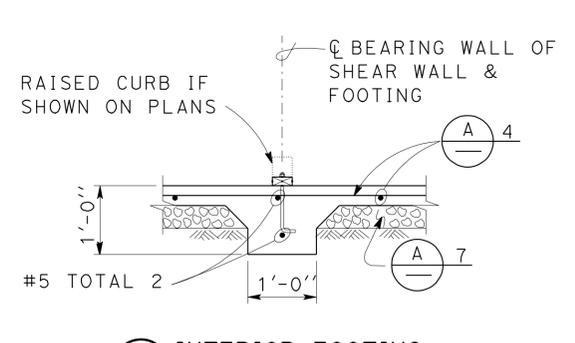
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FILE NO. XS-25-0 DRAWING DATE <b>1-04</b>	DESIGN BY <i>Sean Seavel</i>	CHECKED BY <i>Lee Gandy</i>	APPROVED BY <i>R.C. Travis</i> DESIGN SUPERVISOR			PROJECT NUMBER & PHASE 08120002071		POST MILE LEGEND		REVISION DATES (PRELIMINARY STAGE ONLY) 1-16-04 04-27-12 06-19-12		
TAEWW Imperlal Rev. 7/10				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT 3581		DISREGARD PRINTS BEARING EARLIER REVISION DATES			OF	

12-MAR-2013 08:25

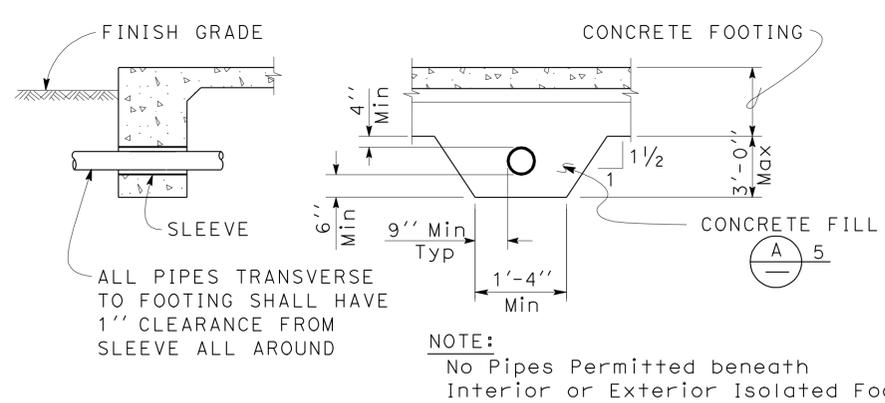
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		14	40
			07-12-12	DATE	
3-11-13 PLANS APPROVAL DATE					
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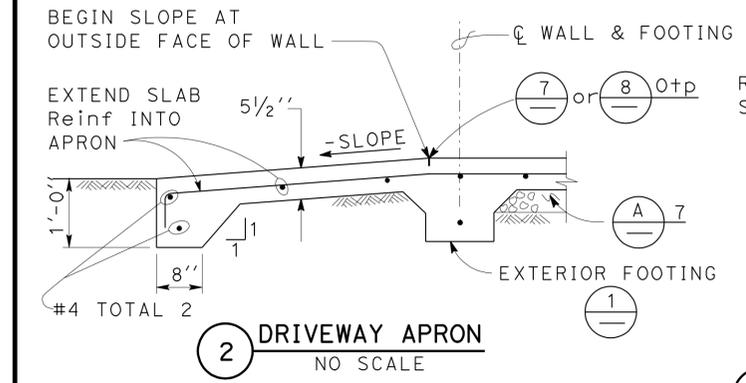
**1 EXTERIOR FOOTING**  
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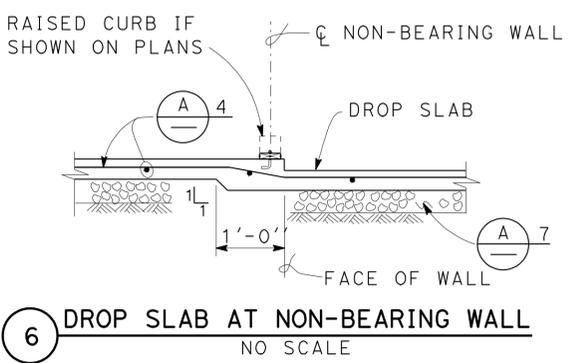
**5 INTERIOR FOOTING**  
NO SCALE



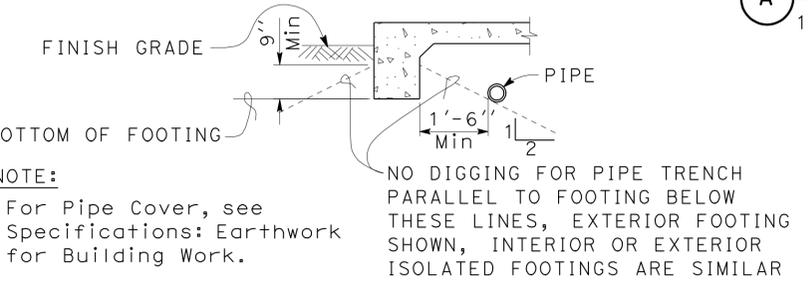
**9 PIPE DETAILS THROUGH FOOTING**  
NO SCALE



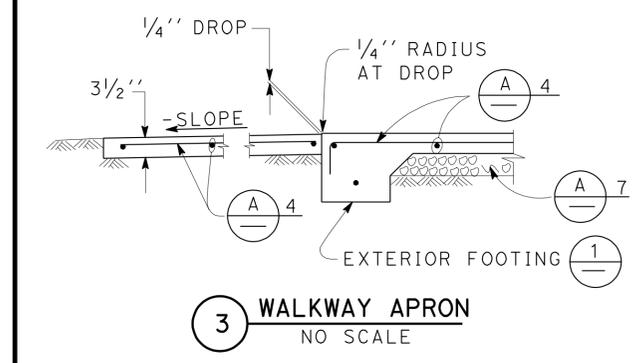
**2 DRIVEWAY APRON**  
NO SCALE



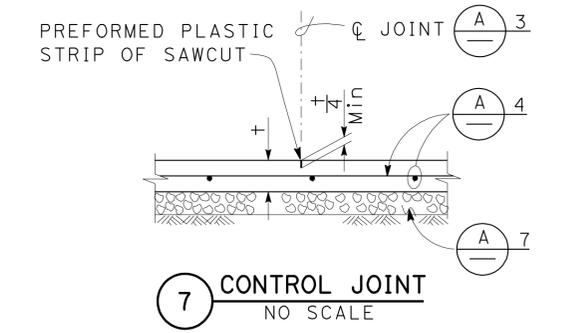
**6 DROP SLAB AT NON-BEARING WALL**  
NO SCALE



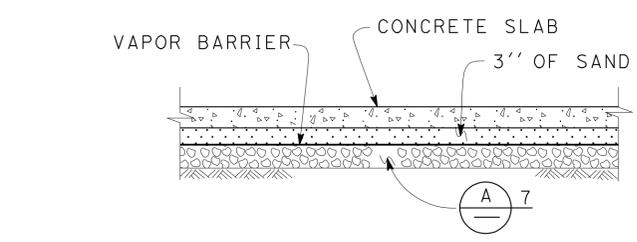
**10 PIPE DETAILS PARALLEL TO FOOTING**  
NO SCALE



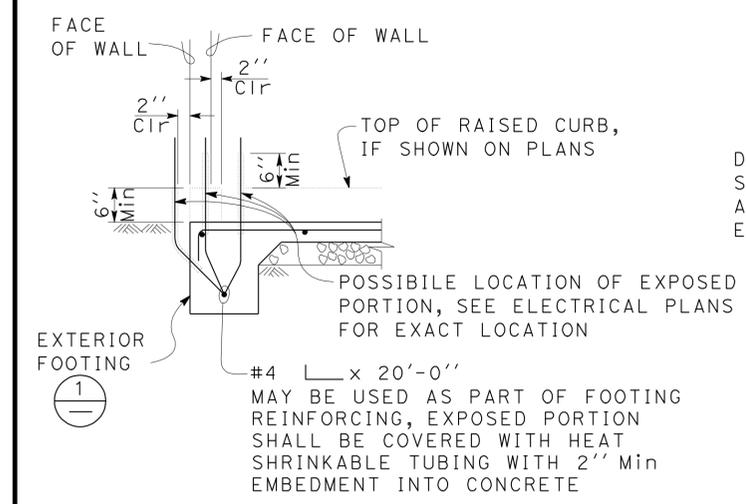
**3 WALKWAY APRON**  
NO SCALE



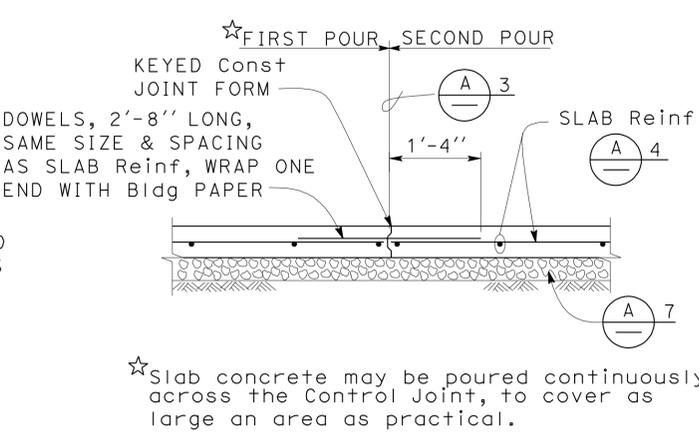
**7 CONTROL JOINT**  
NO SCALE



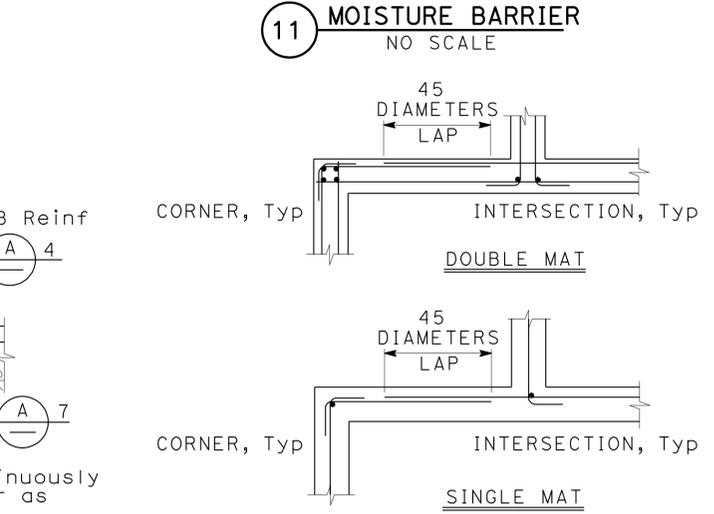
**11 MOISTURE BARRIER**  
NO SCALE



**4 GROUND BAR DETAIL**  
NO SCALE



**8 CONTRACTION JOINT**  
NO SCALE



**12 CORNER/INTERSECTION REINF SPLICE, TYPICAL**  
NO SCALE

- CONCRETE NOTES**
- The following minimum concrete cover shall be provided for reinforcement.
 

	Minimum Cover
a. Concrete cast against and permanently exposed to earth	3"
b. Concrete exposed to earth or weather but cast in forms:	
#6 thru #18 bars	2"
#5 bar and smaller, W31 or D31 Wire, and smaller	1 1/2"
c. Concrete not exposed to weather or in contact with ground: Slabs, Walls and Joists:	
#14 and #18 Bar	1 1/2"
#11 Bar and smaller	3/4"
Beams and Columns:	
Primary Reinforcement, Ties, Stirrups and Spirals	1 1/2"
  - Splices in continuous reinforcement as in Walls, Wall Footings, etc. #8 or smaller shall have a lap of 45 diameters and the splices in adjacent bars shall not be less than 5'-0" apart.
 

Continuous Bars in spandrels, Wall Beams, etc. shall lap Top Bars at center of span and Bottom Bars at supports.
  - Contraction Joints and Control Joints shall divide slab into areas not exceeding 25 square yards without reentrant corners and with length to width ratios not exceeding 1.5 to 1. Joint spacing shall not exceed 15'-0".
  - Slab Thickness (t) Reinforcement
 

3 1/2"	#3 @ 18	Each way, place in center of Slab
5 1/2"	#4 @ 18	Each way, place in center of Slab
  - Concrete fill is to be placed before Footing is poured. Make the same width as the Footing and the full width of the Pipe trench. Concrete fill not required for pipes less than 2" diameter for pipes more than 3'-0" below bottom of footing.
  - See Mechanical and Architectural Plans for size and locations of pipe, vents, ducts and other similar openings. See Electrical Plans for conduits and outlet boxes in floors, walls, etc.
  - Place 4" of free draining granular material under slabs.

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

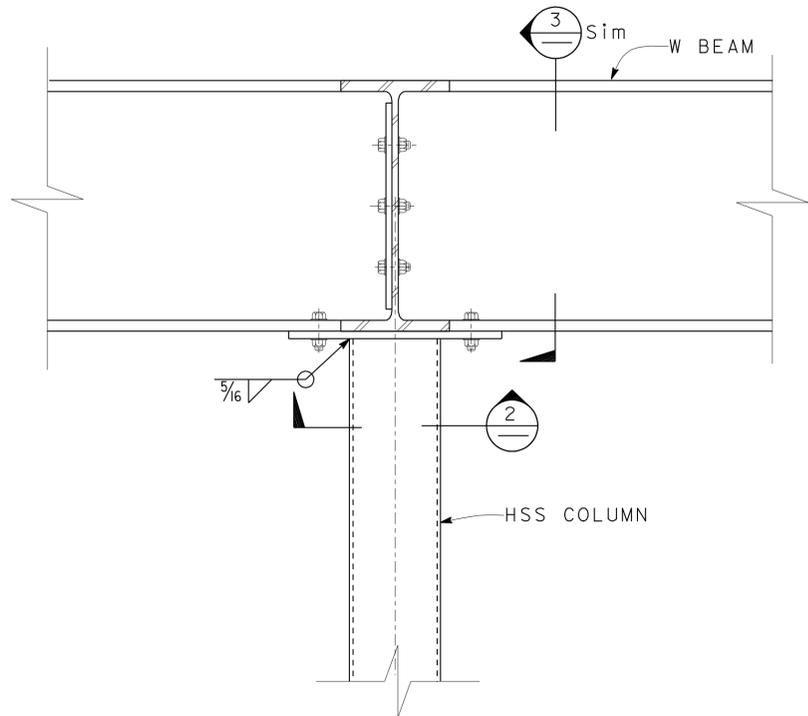
FILE NO. XS-25-1	DESIGN BY <i>Sean Soud</i>	CHECKED <i>Lee Gandy</i>	APPROVED <i>R.C. Travis</i>
DRAWING DATE 1-04	DETAILS BY <i>Peter F. von Sawyier</i>	CHECKED <i>Lee Gandy</i>	DESIGN SUPERVISOR
	SUBMITTED BY <i>Sean Soud</i>	DESIGN ENGINEER	

STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 56M5701	PROJECT NO. & PHASE 08120002071
DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE	

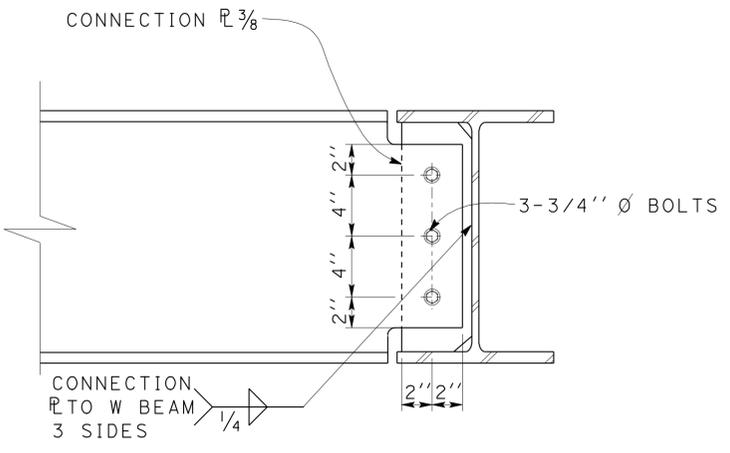
PROJECT NUMBER & PHASE 08120002071	UNIT 3581	REVISION DATES (PRELIMINARY STAGE ONLY)
EA 00000		1-16-04 11-14-05 04-27-12 06-19-12

BRIDGE NO. 56M5701	PROJECT NO. & PHASE 08120002071	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
POST MILE		1-16-04 11-14-05 04-27-12 06-19-12	ST-2

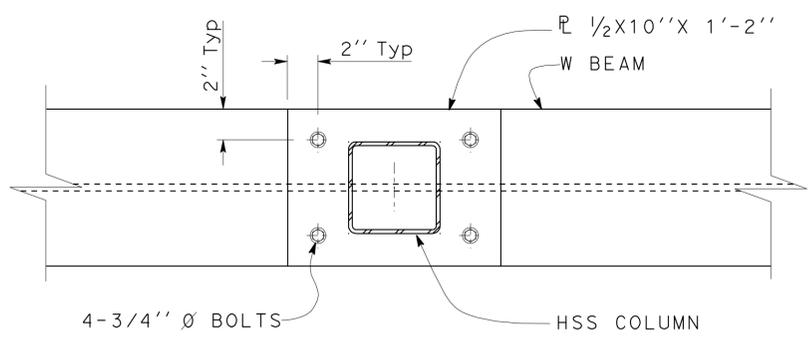
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		15	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
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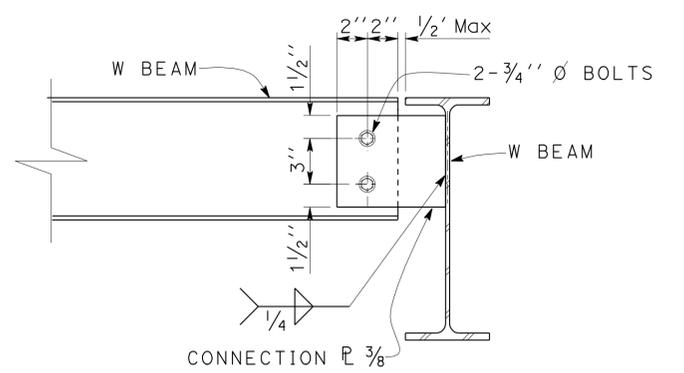
1 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"



3 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"



2 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"

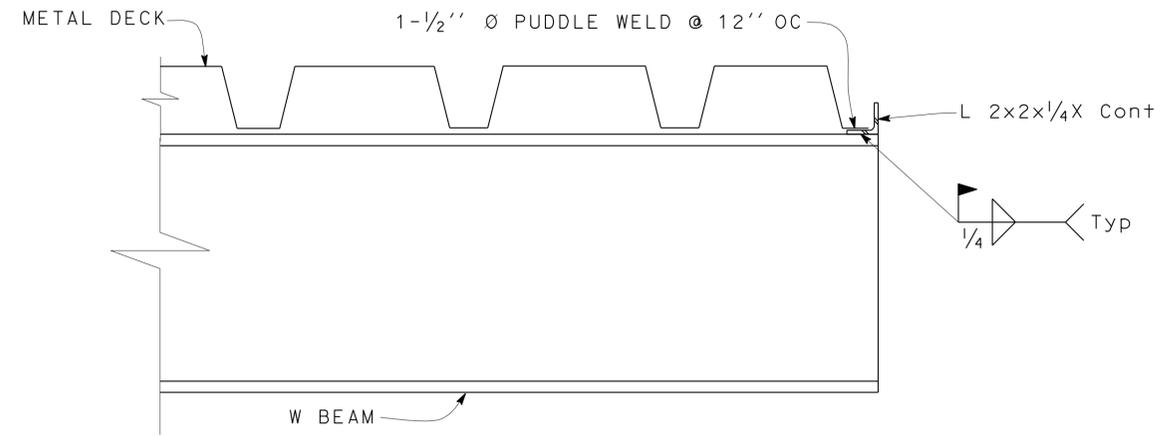


4 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"

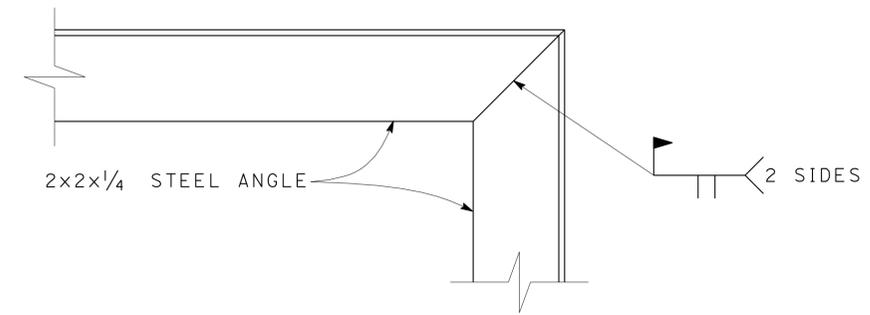
DOES SD Imperial Rev. 9/02	DESIGN	BY Gang Hong	CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	BLYTHE AND VIDAL MAINTENANCE STATION FUEL PUMP CANOPY		SHEET ST-3
	DETAILS	BY Andrew A. Lovato.	CHECKED Gang Hong			POST MILE	FUEL PUMP CANOPY	CANOPY TYPICAL DETAILS	
	QUANTITIES	BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3581 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
				0 1 2 3		06-21-12 06-26-12 07-09-12 07-19-12 08-10-12			

12-MAR-2013 09:47

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		16	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



1 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"



3 CANOPY ROOF DETAILS  
Scale 3" = 1' - 0"

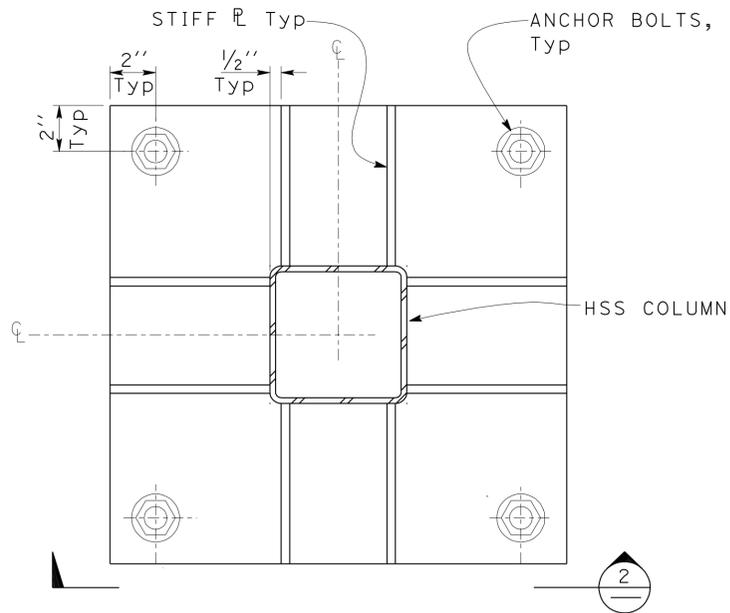


2 CANOPY ROOF DETAILS  
Scale 2" = 1' - 0"

DOES SD Imperial Rev. 9/02	DESIGN	BY Gang Hong	CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 56M5701	BLYTHE AND VIDAL MAINTENANCE STATION FUEL PUMP CANOPY		SHEET ST-4
	DETAILS	BY Andrew A. Lovato.	CHECKED Gang Hong			POST MILE	FUEL PUMP CANOPY	CANOPY TYPICAL DETAILS	
	QUANTITIES	BY	CHECKED						
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE 3581 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 06-21-12 06-26-12 07-09-12 07-19-12	SHEET OF
EA 0c9500						D:\user\Projects\Dist_08\0812000207_vidal_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st_04.dgn			

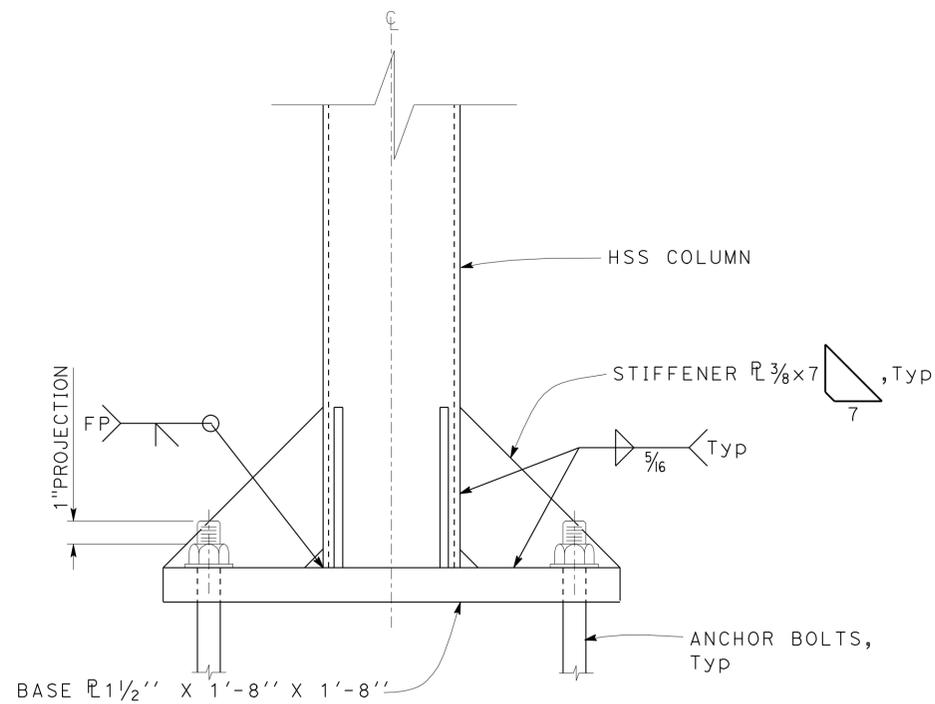
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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		17	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



**1** BASE PLATE STIFFENER PLAN  
Scale 3" = 1' - 0"

**A** NOTE:  
1. FIELD VERIFY (E) ANCHOR BOLTS LOCATION AND CONDITION AT VIDAL MAINTENANCE STATION



NOTE:  
**A** 1  
SEE **A** 1 FOR BASE PLATE W/(E) ANCHOR BOLT AT VIDAL MAINTENANCE STATION.

**2** BASE PLATE STIFFENERS  
Scale 3" = 1' - 0"

DESIGN	BY	Gang Hong	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BLYTHE AND VIDAL MAINTENANCE STATION		SHEET		
	DETAILS	BY	Andrew A. Lovato	CHECKED			Gang Hong	56M5701	FUEL PUMP CANOPY		ST-5	
QUANTITIES	BY		CHECKED				POST MILE	FOOTING TYPICAL DETAILS		OF		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
DOES SD Imperial Rev. 9/02					UNIT PROJECT NUMBER & PHASE		3581 08120002071	EA 0c9500		D:\User\Projects\Dist_08\0812000207_vidal_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st_05.dgn		

12-MAR-2013 08:24

**PROJECT DESIGN CRITERIA**

The building work on this project has been designed to conform to the 2010 California Building Code (2009 IBC)

**LOADS**

**SEISMIC:** Occupancy Category = II  
 Importance Factor I = 1.0  
 Site Soil Class = D  
 $S_s = 0.310$      $S_l = 0.189$   
 $S_{ps} = 0.321$      $S_{pl} = 0.257$   
 Seismic Design Category = D  
**Seismic Force-Resisting System:**

North - South

Cantilevered column systems detailed to conform to ordinary steel moment frames  
 $R = 1.25$      $C_s = 0.2569$

East - West

Cantilevered column systems detailed to conform to ordinary steel moment frames  
 $R = 1.25$      $C_s = 0.2569$

**WIND:** Basic Wind Speed = 85 mph    I = 1.0  
 $\lambda = 1.29$      $P_s 30 = \pm 12.9$   
 $K_{zt} = 1.0$

**LIVE LOAD:** Roof = 20 psf

**MATERIALS**

**REINFORCED CONCRETE:** (Ultimate Strength Design) :  
 $f'_c = 3,500$  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     $F_y = 50$  ksi  
 Hollow Structural Section (HSS)     $F_y = 46$  ksi

**FOUNDATION:**  
 Soils report dated : Not Available.  
 Presumptive Load Bearing value are used as following,  
 Vertical Bearing pressure 1000 psf  
 Lateral Bearing pressure 150 psf/ft

**DETAIL NOTES**

- For Concrete see: "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; unless otherwise noted.
- All lock washers shall be helical spring lock washers.

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		18	40

  
 REGISTERED CIVIL ENGINEER    DATE 07-12-12  
 No. 60406  
 Exp. 6-30-13  
 CIVIL  
 STATE OF CALIFORNIA

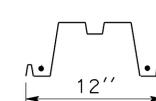
3-11-13  
PLANS APPROVAL DATE

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**METAL/STEEL DECK MINIMUM SECTION PROPERTIES**

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Metal/Steel Deck	4 1/2" x 16 Ga	4.605 in <sup>4</sup> /ft	1.723 in <sup>3</sup> /ft	1.755 in <sup>3</sup> /ft	33 Ksi

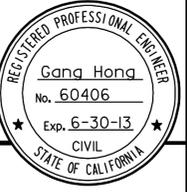
**WELDING SCHEDULE and STEEL DECK PROFILE**

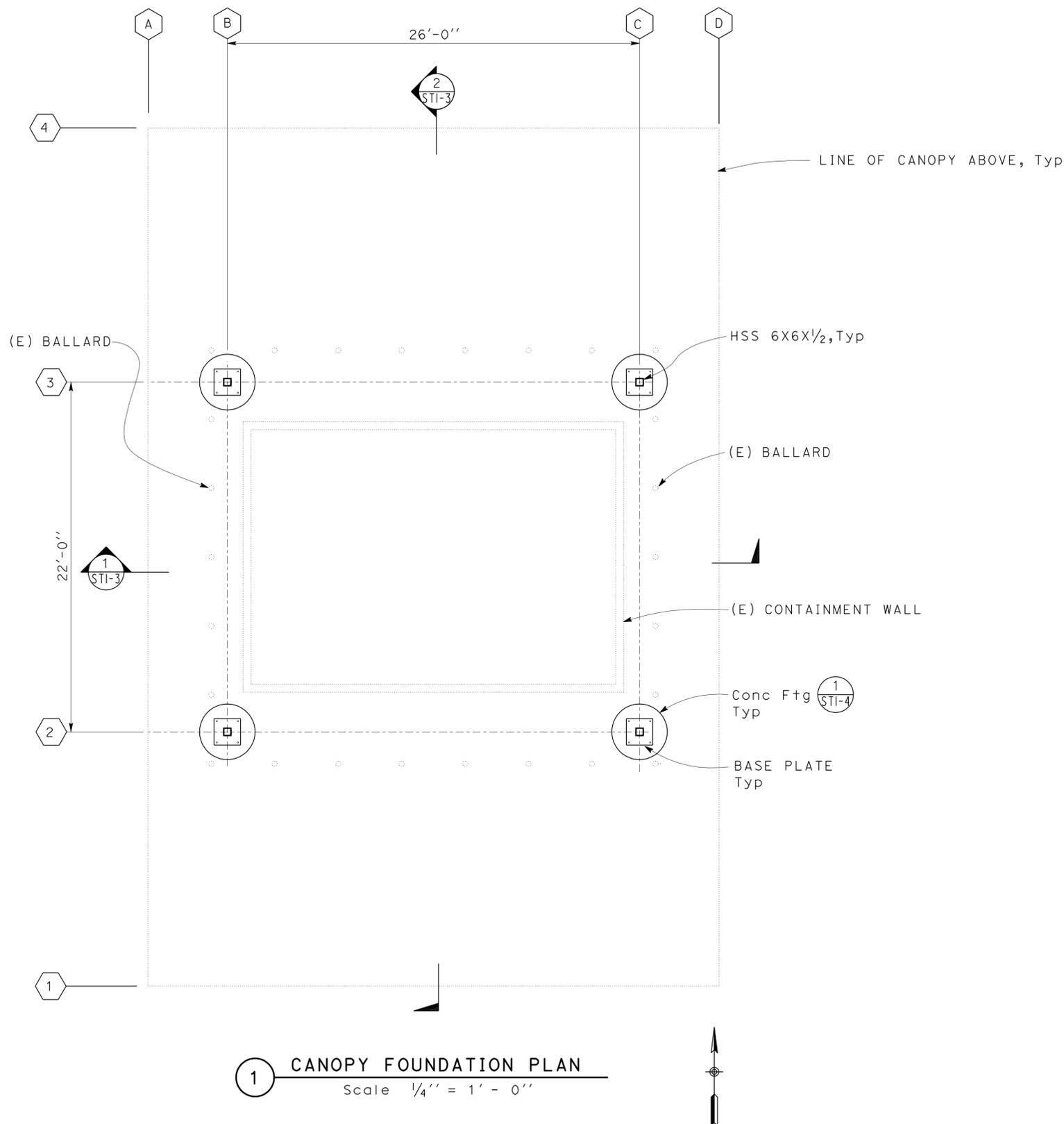
Metal/Steel Deck Profile	1/2" Diameter Puddle Weld			Diaphragm Shear Capacity
	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	
	2 - Puddle Welds Per Support	12" OC	12" OC	---

**(A) METAL/STEEL DECK NOTES**

DOES SD Imperial Rev. 9/02	DESIGN BY Gang Hong CHECKED Thomas Tong	DETAILS BY Andrew A. Lovato CHECKED Gang Hong	QUANTITIES BY CHECKED	<b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES <b>ARCHITECTURAL AND STRUCTURAL DESIGN</b>	BRIDGE NO. 56M5701 POST MILE	<b>BLTYHE MAINTENANCE STATION FUEL PUMP CANOPY</b> DESIGN CRITERIA AND DETAIL NOTES	SHEET OF <b>ST1-0</b>
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0    1    2    3			UNIT PROJECT NUMBER & PHASE 3581 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES 05-01-12 07-19-12 08-10-12	REVISION DATES (PRELIMINARY STAGE ONLY)		

D:\user\Projects\Dist\_08\0812000207\_v1\dist\_ms\_blythe\_ms\_fuel\_islands\Expedite\_12-17-12\st1\_00.dgn

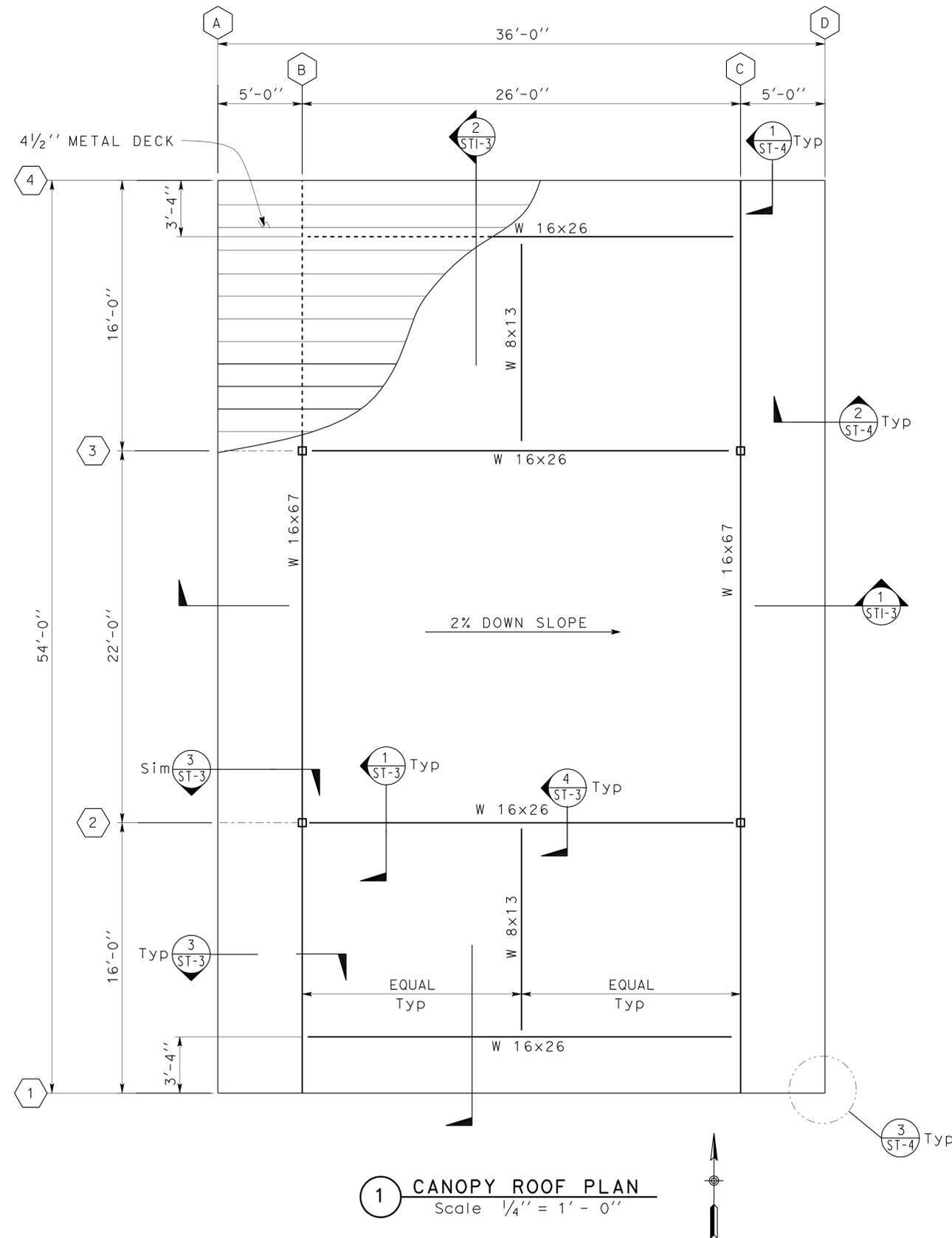
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		19	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



DOES SD Imperial Rev. 9/02	 DESIGN ENGINEER	DESIGN	BY Gang Hong	CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BLYTHE MAINTENANCE STATION		SHEET ST1-1	
		DETAILS	BY Andrew A. Lovato.	CHECKED Gang Hong			56M5701	FUEL PUMP CANOPY			
		QUANTITIES	BY	CHECKED			POST MILE	FUEL PUMP CANOPY	FUEL PUMP FOUNDATION AND CANOPY		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	UNIT PROJECT NUMBER & PHASE	3581 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
					EA 0c9500	D:\user\Projects\Dist_08\08120002071\dist_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st1_01.dgn					

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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		20	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



DESIGN	BY Gang Hong	CHECKED Thomas Tong
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

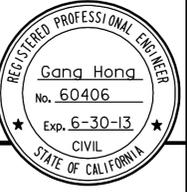
**STATE OF CALIFORNIA**  
DEPARTMENT OF TRANSPORTATION

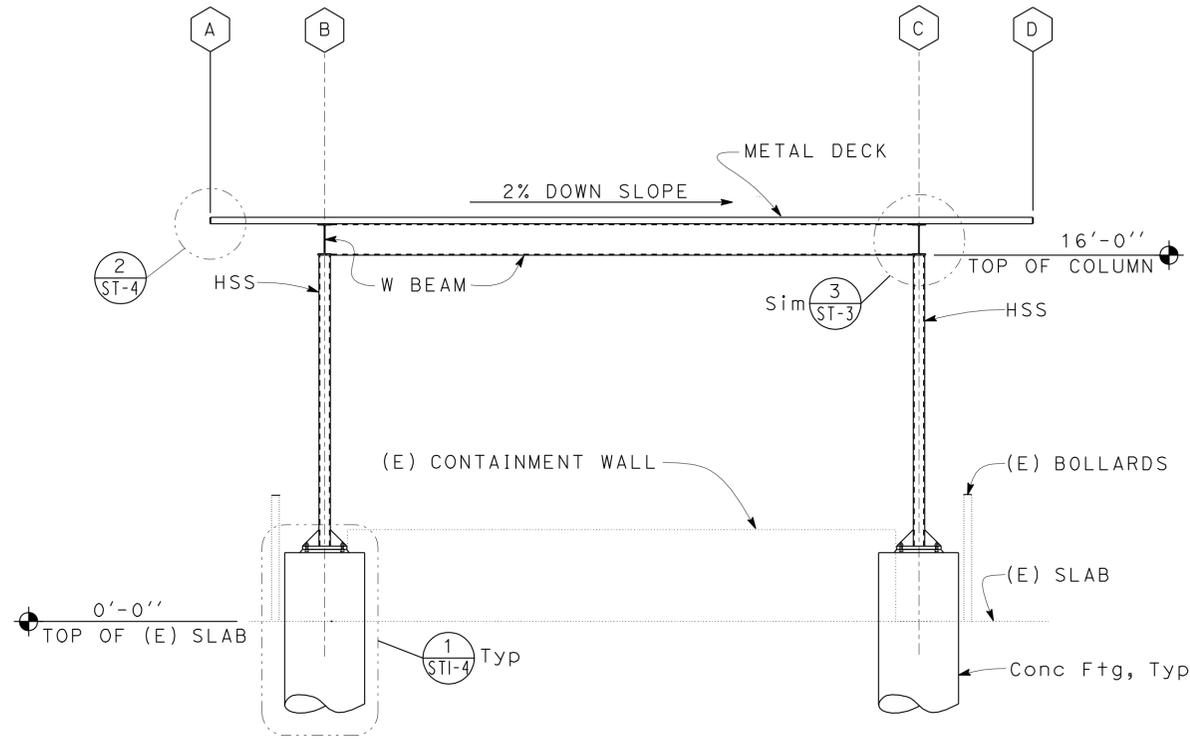
DIVISION OF ENGINEERING SERVICES  
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	56M5701
POST MILE	

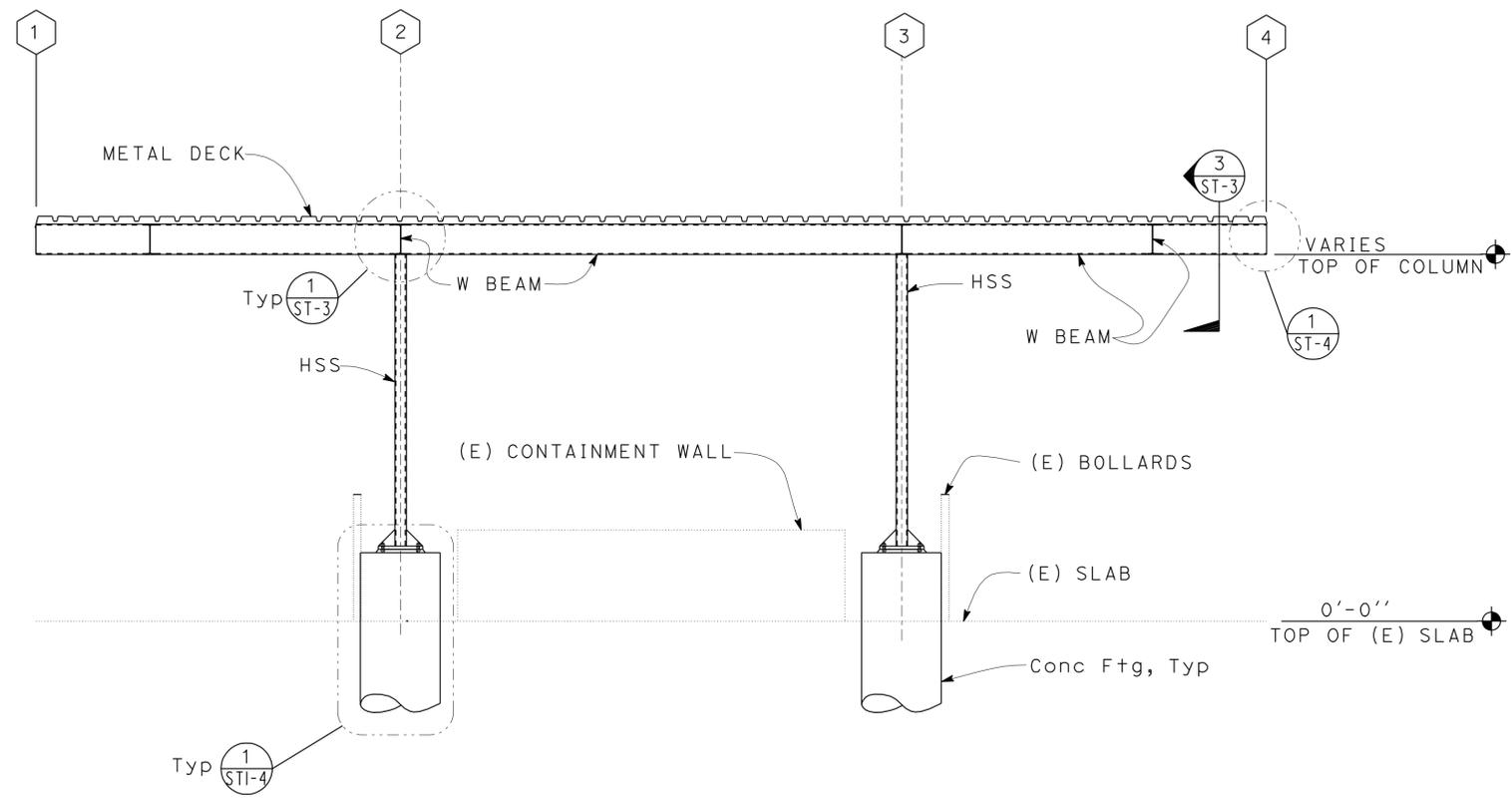
**BLTYHE MAINTENANCE STATION FUEL PUMP CANOPY**  
ROOF PLAN

SHEET  
**ST1-2**

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		21	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



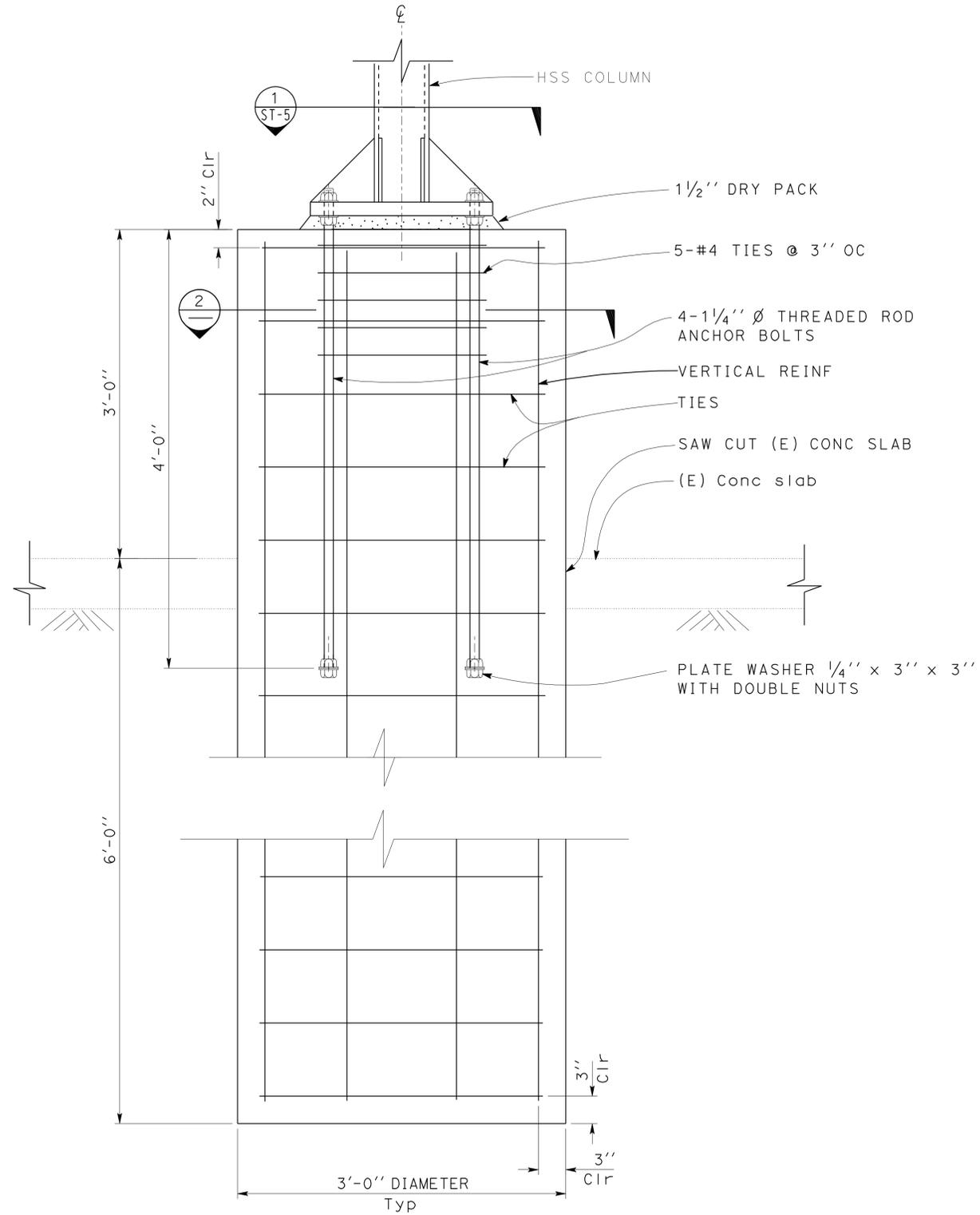
**1 CANOPY ELEVATION**  
Scale 1/4" = 1' - 0"



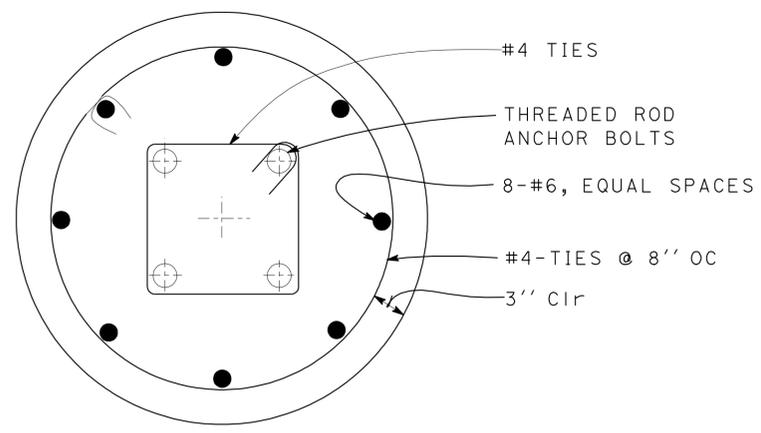
**2 CANOPY ELEVATION**  
Scale 1/4" = 1' - 0"

DESIGN	BY	Gang Hong	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BLYTHE MAINTENANCE STATION FUEL PUMP CANOPY		SHEET ST1-3				
	DETAILS	BY	Andrew A. Lovato.	CHECKED			Gang Hong	56M5701	CANOPY SECTIONS					
QUANTITIES	BY		CHECKED		UNIT	3581	FUEL PUMP CANOPY	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET				
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	05-10-12	06-06-12	06-28-12	07-10-12	OF
DOES SD Imperial Rev. 9/02					EA 0c9500		D:\user\Projects\Dist_08\08120002071\ddl_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st1_03.dgn					12-MAR-2013 08:24		

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		22	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



**1 PEDESTAL FOOTING**  
Scale 1/2" = 1' - 0"



**2 PEDESTAL AND REINFORCEMENT PLAN**  
Scale 1/2" = 1' - 0"

DESIGN	BY	Gang Hong	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BLYTHE MAINTENANCE STATION FUEL PUMP CANOPY		SHEET ST1-4
	DETAILS	BY	Andrew A. Lovato	CHECKED			Gang Hong	56M5701	FUEL PUMP CANOPY	
QUANTITIES	BY		CHECKED		PROJECT NUMBER & PHASE		FOOTING DETAILS			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	
DOES SD Imperial Rev. 9/02					UNIT PROJECT NUMBER & PHASE		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
					3581 08120002071		05-11-12, 06-06-12, 06-18-12, 06-28-12, 07-19-12, 08-15-12		EA 0c9500 D:\user\Projects\Dist_08\0812000207_v1\dal_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st1_04.dgn	

12-MAR-2013 08:24

**PROJECT DESIGN CRITERIA**

The building work on this project has been designed to conform to the 2010 California Building Code (2009 IBC)

**LOADS**

**SEISMIC:** Occupancy Category = II  
 Importance Factor I = 1.0  
 Site Soil Class = D  
 $S_s = 0.310$       $S_I = 0.189$   
 $S_{Ds} = 0.321$       $S_{D1} = 0.257$   
 Seismic Design Category = D  
**Seismic Force-Resisting System:**

North - South

Cantilevered column systems detailed to conform to ordinary steel moment frames

$R = 1.25$     $C_s = 0.2569$

East - West

Cantilevered column systems detailed to conform to ordinary steel moment frames

$R = 1.25$     $C_s = 0.2569$

**WIND:** Basic Wind Speed = 85 mph     I = 1.0  
 $\lambda = 1.29$       $P_{s30} = \pm 12.9$   
 $K_{zt} = 1.0$

**LIVE LOAD:** Roof = 20 psf

**MATERIALS**

**REINFORCED CONCRETE:** (Ultimate Strength Design) :  
 $f'_c = 3,500$  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      $F_y = 50$  ksi  
 Hollow Structural Section (HSS)      $F_y = 46$  ksi

**FOUNDATION:**  
 Soils report dated : Not Available.  
 (E) Foundation, No Soil Report Required.

**DETAIL NOTES**

- For Concrete see: "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; unless otherwise noted.
- All lock washers shall be helical spring lock washers.

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		23	40

 07-12-12  
 REGISTERED CIVIL ENGINEER     DATE



3-11-13  
 PLANS APPROVAL DATE

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**METAL/STEEL DECK MINIMUM SECTION PROPERTIES**

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Metal/Steel Deck	4 1/2" x 16 Ga	4.605 in <sup>4</sup> /ft	1.723 in <sup>3</sup> /ft	1.755 in <sup>3</sup> /ft	33 Ksi

**WELDING SCHEDULE and STEEL DECK PROFILE**

Metal/Steel Deck Profile	1/2" Diameter Puddle Weld			Diaphragm Shear Capacity
	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	
	2 - Puddle Welds Per Support	12" OC	12" OC	---

**A METAL/STEEL DECK NOTES**

DESIGN	BY	CHECKED
	Gang Hong	Thomas Tong
DETAILS	BY	CHECKED
	Andrew A. Lovato	Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

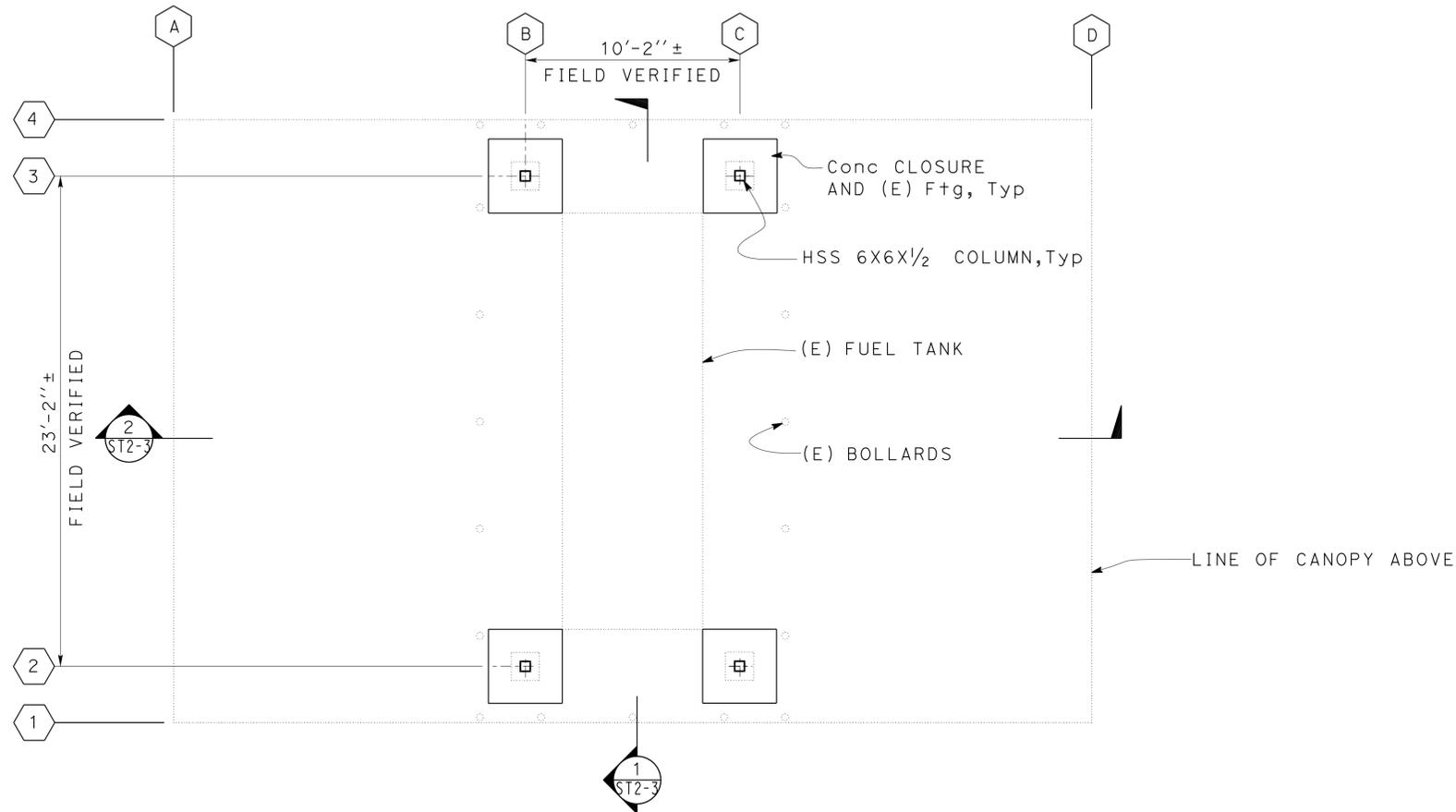
DIVISION OF ENGINEERING SERVICES  
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.  
 56M5701  
 POST MILE

**VIDAL MAINTENANCE STATION FUEL PUMP CANOPY**  
 DESIGN CRITERIA AND DETAIL NOTES

SHEET **ST2-0**

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		24	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



1 CANOPY FOUNDATION PLAN  
Scale 1/4" = 1' - 0"

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY Gang Hong	CHECKED Thomas Tong
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

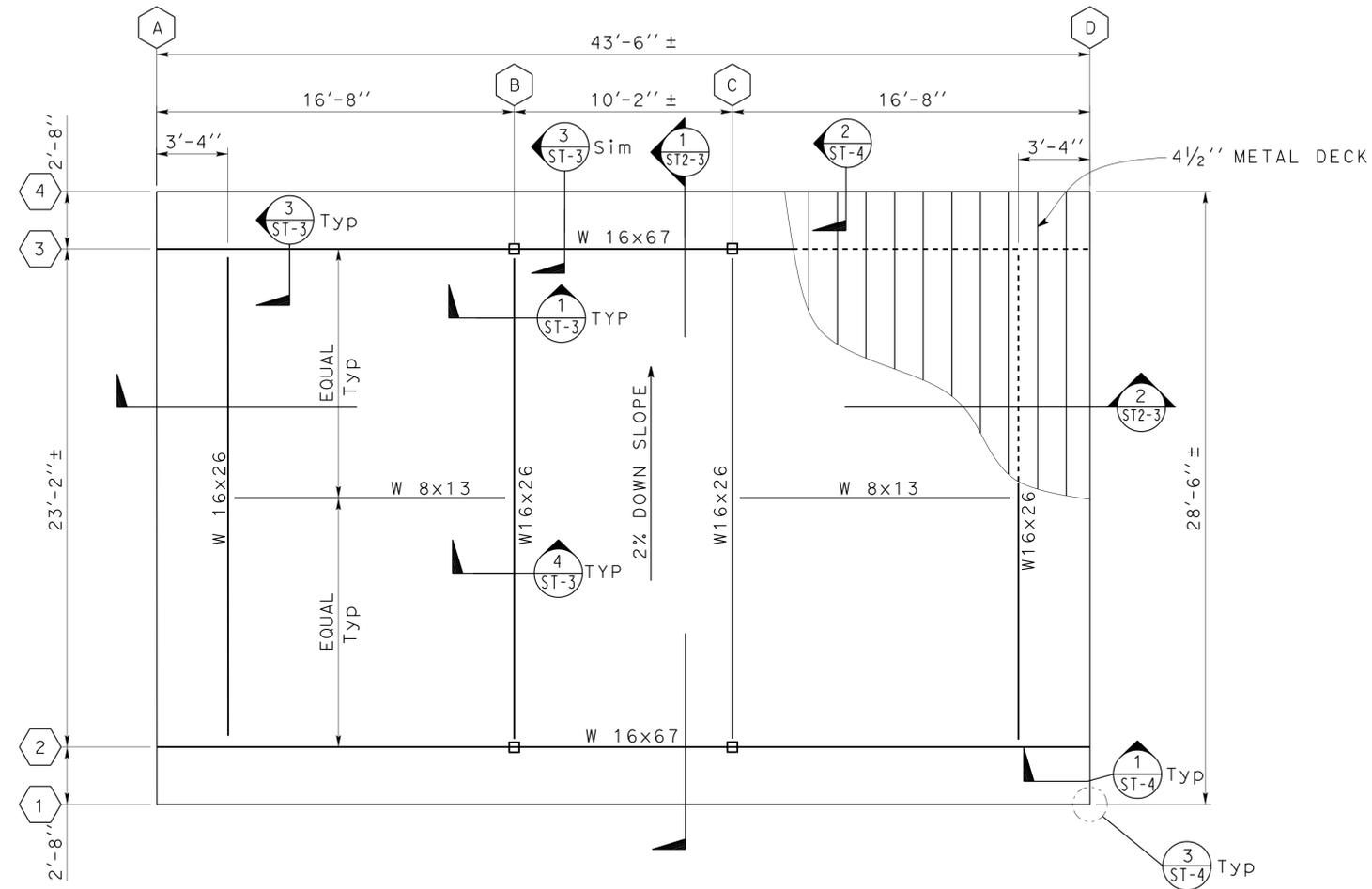
DIVISION OF ENGINEERING SERVICES  
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	56M5701
POST MILE	

VIDAL MAINTENANCE STATION  
FUEL PUMP CANOPY  
FUEL PUMP FOUNDATION AND CANOPY

SHEET  
ST2-1

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		25	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
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**2 CANOPY ROOF PLAN**  
 Scale 1/4" = 1' - 0"

NOTE:  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY Gang Hong	CHECKED Thomas Tong
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES  
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 56M5701	VIDAL MAINTENANCE STATION FUEL PUMP CANOPY		SHEET ST2-2
POST MILE	FUEL PUMP CANOPY	FUEL PUMP FOUNDATION AND CANOPY	

DOES SD Imperial Rev. 9/02

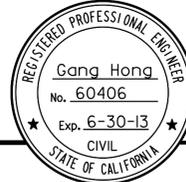
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

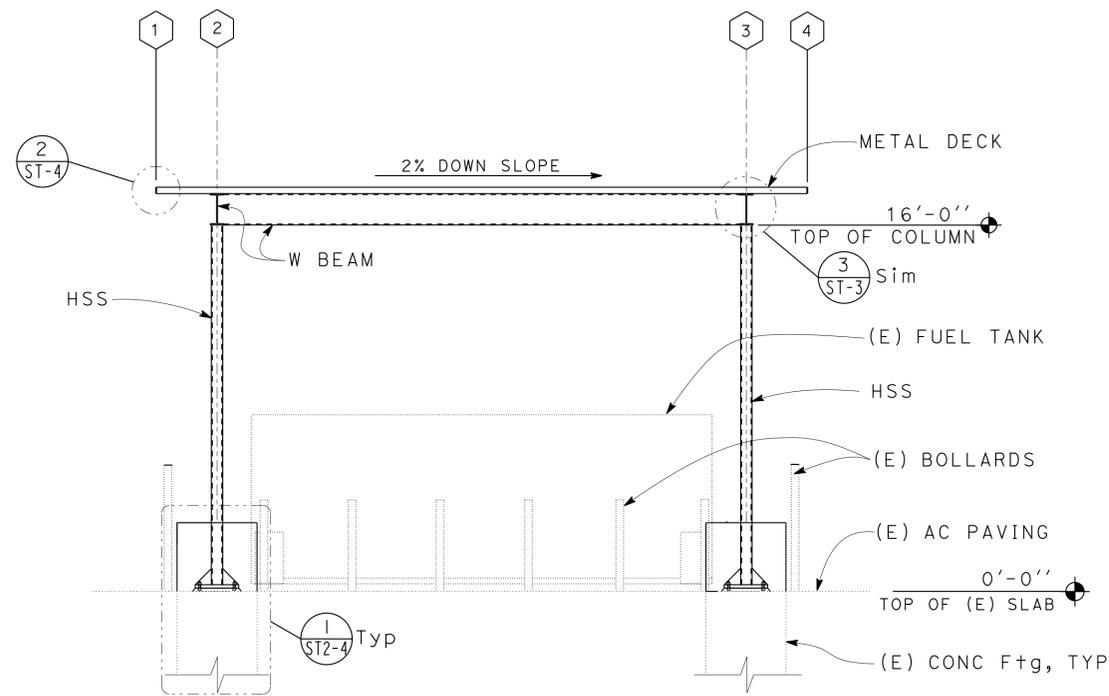
0	1	2	3
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UNIT PROJECT NUMBER & PHASE  
 3581 08120002071

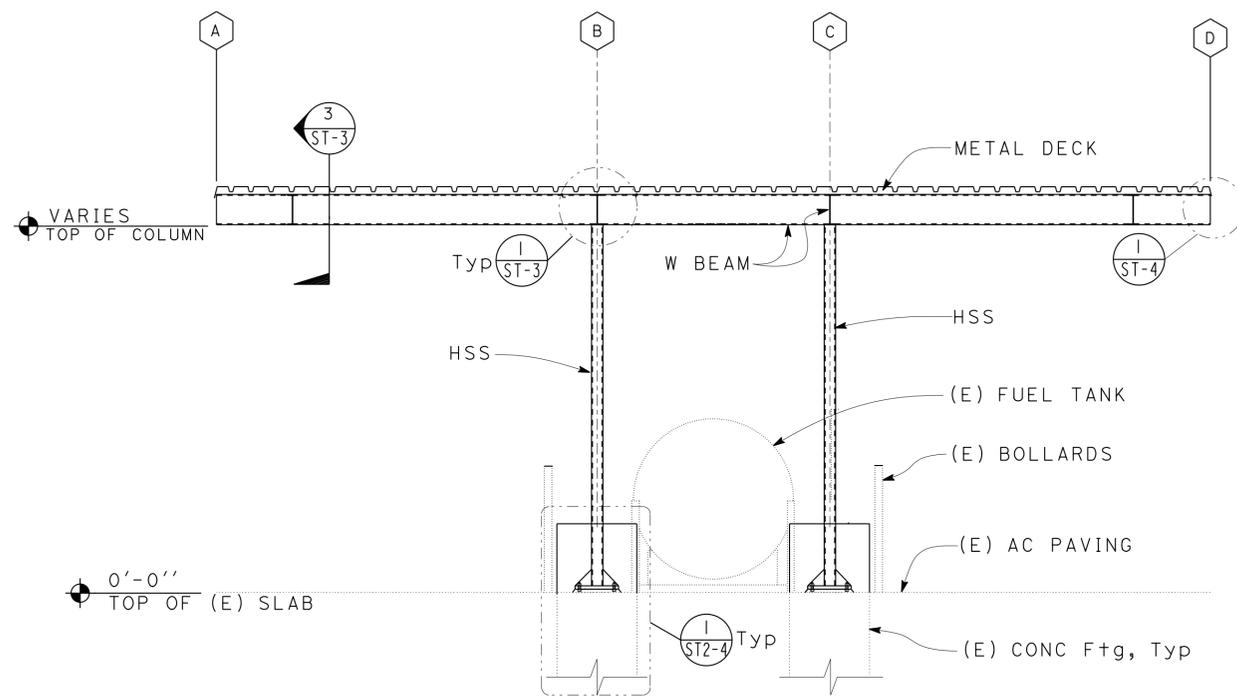
DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
	05-07-12/06-07-12/06-18-12/06-29-12/07-10-12	

12-MAR-2013 10:20

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		26	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



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



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

NOTE:  
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DESIGN	BY Gang Hong	CHECKED Thomas Tong
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

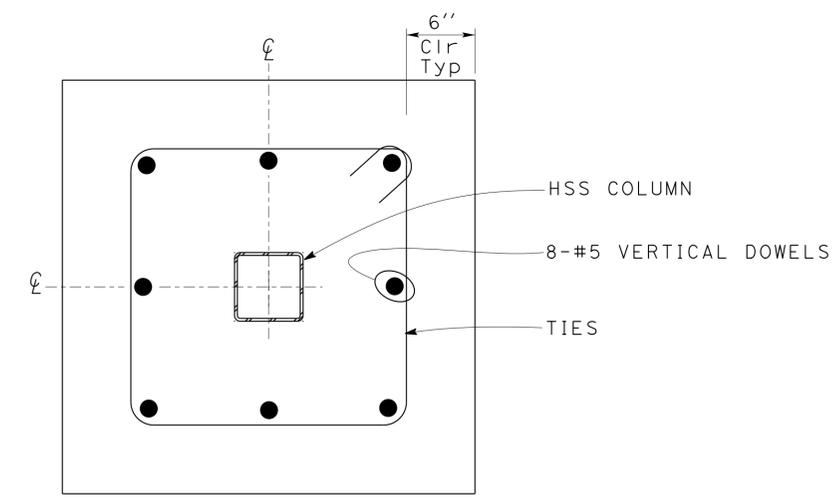
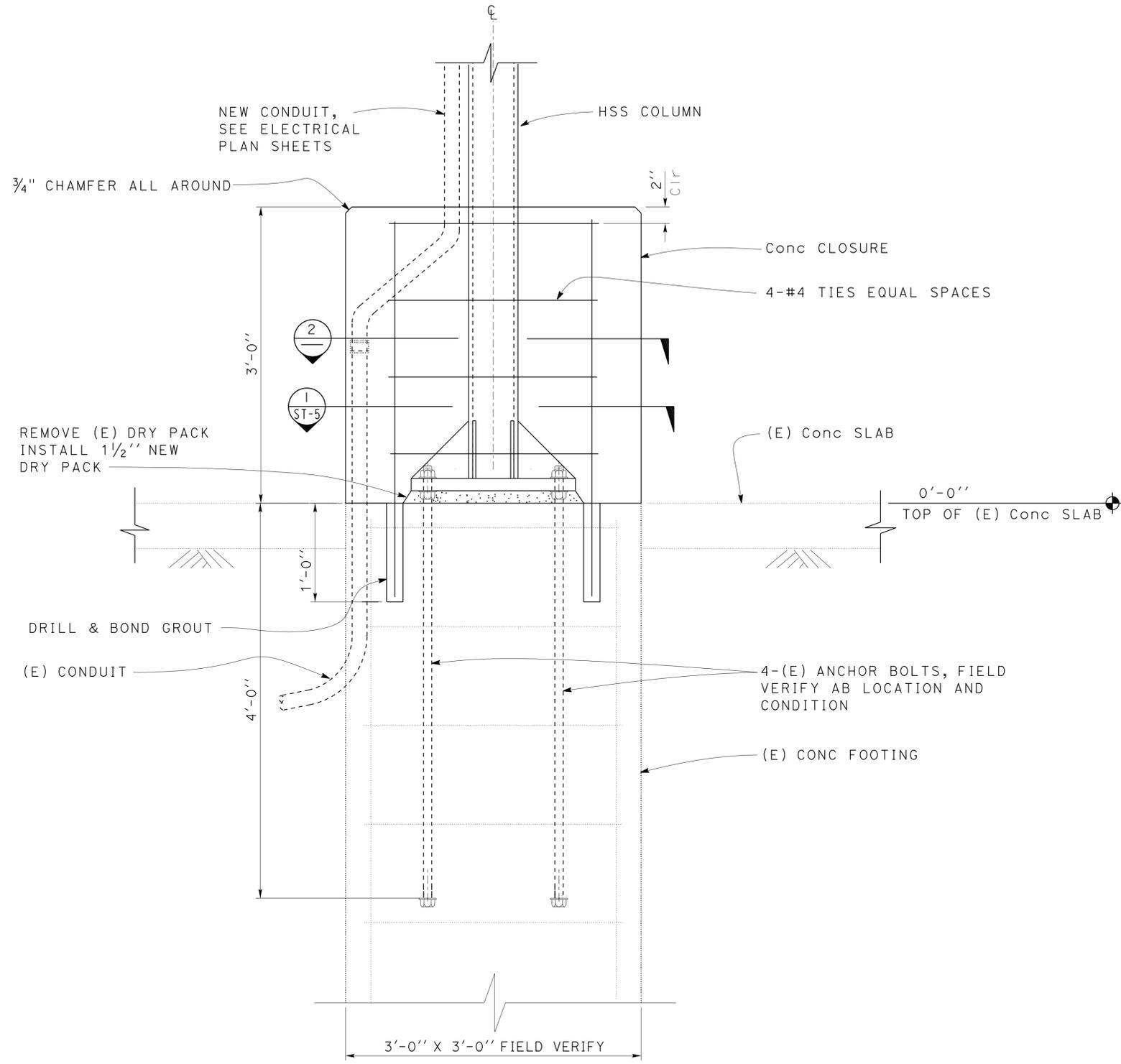
DIVISION OF ENGINEERING SERVICES  
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.  
56M5701  
POST MILE

VIDAL MAINTENANCE STATION  
FUEL PUMP CANOPY  
CANOPY SECTIONS

SHEET  
ST2-3

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		27	40
 REGISTERED CIVIL ENGINEER			07-12-12 DATE		
3-11-13 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies to scanned copies					



NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

**1 PEDESTAL FOOTING**  
Scale 1 1/2" = 1' - 0"

**2 PEDESTAL PLAN**  
Scale 1 1/2" = 1' - 0"

DESIGN	BY	Gang Hong	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	VIDAL MAINTENANCE STATION FUEL PUMP CANOPY		SHEET			
	DETAILS	BY	Andrew A. Lovato	CHECKED			Gang Hong	56M5701	FOOTING DETAILS		ST2-4		
QUANTITIES	BY		CHECKED				POST MILE	FUEL PUMP CANOPY					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	REVISION DATES (PRELIMINARY STAGE ONLY)				
UNIT PROJECT NUMBER & PHASE					EA 00-00000	3581 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		06-07-12	06-20-12	06-29-12	07-10-12	SHEET OF
D:\user\Projects\Dist_08\0812000207_vidal_ms_blythe_ms_fuel_islands\Expedite_12-17-12\st2_04.dgn													

**GRAPHIC SYMBOLS FOR ELECTRICAL WIRING AND LAYOUT DIAGRAMS**

SYMBOL	DESCRIPTION
	POLE-TOP ELECTROLIER
	POLE-ARM ELECTROLIER
<b>CEILING WALL</b>	
	SURFACE FLUORESCENT, METAL HALIDE, LED, OR SODIUM VAPOR FIXTURE
	RECESSED FLUORESCENT, METAL HALIDE, LED, OR SODIUM VAPOR FIXTURE
	EXIT LIGHT
	SURFACE OR PENDANT INDIVIDUAL FLUORESCENT OR LED FIXTURE
	RECESSED INDIVIDUAL FLUORESCENT OR LED FIXTURE
	SURFACE OR PENDANT CONTINUOUS ROW FLUORESCENT OR LED FIXTURES
NOTE:	A LOWER CASE LETTER NEAR GRAPHIC LIGHTING FIXTURE SYMBOL DENOTES THAT FIXTURE IS CONTROLLED BY A SIMILARLY MARKED SWITCH, AN ALPHA-NUMERIC SYMBOL NEAR GRAPHIC LIGHTING FIXTURE SYMBOL DENOTES FIXTURE TYPE, (I=INCANDESCENT, F=FLUORESCENT, MH=METAL HALIDE, H=HIGH PRESSURE SODIUM VAPOR, L=LED), DESIGN TYPE, NUMBER OF LAMPS AND WATTAGE.
EXAMPLE :	(4) F2-2x32  L 32 WATT LAMPS 2 LAMPS DESIGN TYPE FLUORESCENT NUMBER OF FIXTURES
	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
	SWITCH AND SINGLE RECEPTACLE
	SWITCH AND DUPLEX RECEPTACLE
	RADIO OUTLET
	COMMUNICATION OUTLET
	SOUND SYSTEM LOUD SPEAKER OUTLET
	RADIO OUTLET
	TELEVISION OUTLET
	MICROPHONE OUTLET
	THERMOSTAT

SYMBOL	DESCRIPTION
S	SINGLE-POLE SWITCH
S2	DOUBLE-POLE SWITCH
S3	THREE-WAY SWITCH
S4	FOUR-WAY SWITCH
SD	AUTOMATIC DOOR
SK	KEY OPERATED SWITCH
SP	SWITCH AND PILOT LIGHT
SMC	MOMENTARY CONTACT SWITCH
SR	REMOTE CONTROL SWITCH
SWP	WEATHERPROOF SWITCH
SF	FAN SWITCH
SL	LIGHT SWITCH
SH	HEATER SWITCH
Svs	VARIABLE SPEED MOTOR CONTROL SWITCH
SCHLF	TWO TIMER SWITCHES, ONE SWITCH FOR LIGHT AND FAN AND ONE SWITCH FOR HEAT LAMP
S1	OCCUPANCY SENSOR WALL SWITCH, SINGLE LEVEL
S2	OCCUPANCY SENSOR WALL SWITCH, BILEVEL
SM	MOTION SENSOR SWITCH
ST	MANUAL MOTOR STARTING SWITCH, THERMAL OVERLOAD TYPE
SHP	MANUAL MOTOR STARTING SWITCH, WITHOUT OVERLOAD ELEMENT
Ts	TIMER SWITCH
	PUSHBUTTON
	PUSHBUTTON STATION, NC, WITH LOCKING DEVICE FOR OPEN
	PUSHBUTTON STATION MOTOR CONTROL
	BUZZER
	BELL
	COMBINATION BELL-BUZZER
	PRESSURE SWITCH
	CONTROL RELAY
	FLOW SWITCH
	PHOTOELECTRIC UNIT
	HAND DRYER NOZZLE
	HAND DRYER
	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 1#12 AWG (G) FOR EQUIPMENT GROUNDING CONDUCTOR. NO CROSS-LINE INDICATES 2#12 WITH 1#12 (G) UNLESS OTHERWISE NOTED. ALL CONDUIT MUST BE 1/2" UNLESS OTHERWISE NOTED.
	HOMERUN TO PANELBOARD, ARROWS INDICATE NUMBER OF CIRCUITS, LETTER DENOTES PANELBOARD, NUMERAL DENOTES CIRCUIT

SYMBOL	DESCRIPTION
	SURFACE METAL RACEWAY
	CONDUCTOR INFO (PER CONDUIT) CONDUIT TYPE CONDUIT SIZE NUMBER OF CONDUITS (NO NUMBER INDICATES ONE CONDUIT)
	CONDUIT, RIGID STEEL, UNDERGROUND
	CONDUIT, POLYVINYL CHLORIDE, UNDERGROUND
	CONDUIT, FLEXIBLE
	CONDUIT, TURN UP
	CONDUIT, TURN DOWN
	CONDUIT SEAL, EXPLOSION-PROOF
	CONDUIT, EXPANSION JOINT
	ADAPTER, ONE TYPE CONDUIT TO ANOTHER
	POLE
	OCCUPANCY SENSOR
	OCCUPANCY SENSOR POWER PACK
	MANUAL PULL STATION
	AUDIO/VISUAL ALARM DEVICE
	HEAT DETECTOR
	SMOKE DETECTOR
	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

**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 OPENING 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

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		28	40

*Jaswinder Kaur*  
 REGISTERED ELECTRICAL ENGINEER  
 No. 18551  
 Exp. 12-31-12  
 ELEC  
 STATE OF CALIFORNIA

12-14-12  
 DATE

3-11-13  
 PLANS APPROVAL DATE

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

**CALIFORNIA STATE FIRE MARSHAL APPROVED**

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final 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: 12-11-12

DESIGN BY	Jipinderpal Kaur	CHECKED	Jaswinder Gill	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	56M5701, 54M5731	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b>	SHEET	OF
DETAILS BY	Jipinderpal Kaur	CHECKED	Jaswinder Gill	DEPARTMENT OF TRANSPORTATION	ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE	X	LEGEND	EEO-1	
QUANTITIES BY	Jipinderpal Kaur	CHECKED	Jaswinder Gill							

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

UNIT PROJECT NUMBER & PHASE: 3596 08120002071

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY): 6/22/12, 7/28/12, 9/28/12, 12/14/12

SHEET OF: x x

TAEMWW Imperial Rev. 3/12

EA 0R9001

ee0\_1.dgn

**ABBREVIATIONS**

**A**  
 A/C AIR CONDITIONING UNIT  
 ACS AIR COMPRESSOR STARTER  
 AFCI ARC FAULT CIRCUIT INTERRUPTER  
 AI ANALOG INPUT  
 AL ALARM LIGHT  
 AO ANALOG OUTPUT  
 AR ALARM RESET  
 AVC AIR VOLUME CONTROLLER

**B**  
 BC BARE COPPER  
 BD BUILDING DISCONNECT  
 BP BOOSTER PUMP  
 Brk BREAKER

**C**  
 Cat CATEGORY  
 CC CENTER CHANNEL LIGHT  
 CD CONTROL DISCONNECT  
 CM CENTER MARGIN LIGHT  
 COMM COMMUNICATION  
 CR CONTROL RELAY  
 CSW CURRENT SWITCH

**D**  
 DI DIGITAL INPUT  
 DO DIGITAL OUTPUT  
 DP DUPLEX PLUG RECEPTACLE  
 DS DOOR SWITCH

**E**  
 (E) EXISTING  
 EF EXHAUST FAN

**F**  
 F FUSE  
 FL FAILURE LIGHT  
 FLA FLASHER  
 Flex FLEXIBLE CONDUIT  
 FLS FLOW SWITCH  
 FR FAILURE RESET or FLAME RESISTANT  
 FS FLOAT SWITCH

**G**  
 G GROUND  
 GFCI GROUND FAULT CIRCUIT INTERRUPTER

**I**  
 IC IRRIGATION CONTROLLER  
 ICC IRRIGATION CONTROLLER CABINET  
 IR INDUCTION RELAY  
 ISR INTRINSICALLY SAFE RELAY

**J**  
 JB JUNCTION BOX

**L**  
 L LIGHT or LENGTH  
 LC LIGHTING CONTACTOR  
 LCD LIQUID CRYSTAL DISPLAY  
 LCP LIGHTING CONTROL PANEL  
 LD LIGHT DISCONNECT  
 LDCI LEAK DETECTOR CIRCUIT INTERRUPTER  
 LL LIQUID LEVEL RELAY  
 LLC LIQUID LEVEL CONTROLLER  
 LP LIGHT PANEL  
 LS LIGHT SWITCH  
 LT LIGHT TRANSFORMER  
 LTO LIGHT TRANSFORMER OVERLOAD

**M**  
 MB MAIN BREAKER  
 MC METALLIC CONDUIT  
 MCP MOTOR CIRCUIT PROTECTOR  
 MCC MOTOR CONTROL CENTER  
 MD MOTOR DISCONNECT  
 MH MOUNTING HEIGHT  
 MSB MAIN SWITCHBOARD

**N**  
 (N) NEW  
 Nav NAVIGATIONAL LIGHTS  
 NSW NEUTRAL SWITCHING BREAKER

**O**  
 O/C ON CENTER  
 OL OVERLOAD

**P**  
 PCP PUMP CONTROL PANEL  
 PD PUMP DISCONNECT  
 PFR PHASE FAILURE RELAY  
 PFRD PHASE FAILURE RELAY DISCONNECT  
 PL PILOT LIGHT  
 PS PRESSURE SWITCH  
 PTS POWER TRANSFER SWITCH  
 PV PHOTOVOLTAIC

**R**  
 RD RECEPTACLE DISCONNECT  
 RES RESISTOR  
 Rm ROOM  
 RTB RADIO TERMINAL BOARD

**S**  
 S STARTER COIL OR STANDBY POWER  
 Sch SCHEDULE  
 SD SERVICE DISCONNECT  
 SFR SEAL FAILURE RELAY  
 SL SUMP LIGHT  
 SPR STANDBY POWER RECEPTACLE  
 Sq SQUARE  
 SS SELECTOR SWITCH  
 ST STARTER  
 SV SOLENOID VALVE  
 SWIM SLOW WEIGH-IN-MOTION

**T**  
 TB TERMINAL BLOCK  
 TDR TIME DELAY RELAY  
 TGLS TOGGLE SWITCH  
 TM TIME METER  
 TS TIMER SWITCH  
 TSW TEST SWITCH  
 TTB TELEPHONE TERMINAL BOARD

**U**  
 U UTILITY POWER  
 UPS UNINTERRUPTIBLE POWER SUPPLY

**W**  
 WLS WATER LEVEL SWITCH  
 WP WEATHERPROOF  
 WSMS WEIGH STATION MESSAGE SIGN

**SYMBOLS**

∠ ANGLE  
 ° DEGREES  
 Δ DELTA  
 ∅ PHASE  
 ± PLUS OR MINUS

**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: 12-11-12

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		29	40
J. S. GILL REGISTERED ELECTRICAL ENGINEER No. 18551 Exp. 12-31-12 ELEC STATE OF CALIFORNIA				12-14-12	DATE
3-11-13 PLANS APPROVAL DATE					
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**PROJECT NOTES**

1. Separate grounded (Neutral) conductor must be used for each 120-volt circuit.
2. Homeruns to Panelboards must be installed as shown on the plans. Homeruns must not be combined.
3. A single insulated equipment grounding conductor, sized as required, must be installed in each conduit run.

**STANDARD NOTE**

[RLD] Relocated equipment.

**STANDARD PLANS**

Dated June, 2010

- ES-1A

TAEMWW Imperial Rev. 3/12	DESIGN	BY Jipinderpal Kaur	CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY NOTES AND ABBREVIATIONS	SHEET	OF
	DETAILS	BY Jipinderpal Kaur	CHECKED Jaswinder Gill			56M5701, 54M5731		EEO-2	
	QUANTITIES	BY Jipinderpal Kaur	CHECKED Jaswinder Gill			POST MILE X			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	UNIT PROJECT NUMBER & PHASE	3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 6/22/12 7/28/12 9/28/12 12/14/12	x x
						EA 0R9001		ee0_2.dgn	

12-MAR-2013 13:13

# CERTIFICATE OF COMPLIANCE (Page 1 of 4) OLTG-1C

Project Name: BLYTHE MAINTENANCE STATION FUEL PUMP CANOPY	Date: 7/20/2012
Project Address: 431 E. BROADWAY, BLYTHE, CA 92226	Total Hardscape Illuminated Area: 1944 SQUARE FEET

**General Information**  
 Phase of Construction:  New Construction  Addition  Alteration

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

Name: Jaswinder Gill	Signature: <i>Jaswinder Gill</i>
Company: Caltrans	Date: 7/20/2012
Address: 1801 30th Street	If applicable: CEA # CEPE #
City/State/Zip: Sacramento, CA 95816	Phone: (916) 227-8342

**Principal Lighting Designer's Declaration Statement**

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

Name: Jaswinder Gill	Signature: <i>Jaswinder Gill</i>
Company: Caltrans	Phone: (916) 227-8342
Address: 1801 30th Street	License #: 18551
City/State/Zip: Sacramento, CA 95816	Date: 12-31-12

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

**Outdoor Lighting Mandatory Measures**  
 Indicate location on building plans of Mandatory Measures Note Block: EE1-1

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

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

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

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

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

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

2008 Nonresidential Compliance Forms July 2010

**GENERAL NOTE:**  
 Form OLTG-1-C, Parts 1 of 4 and 2 of 4 are shown on this sheet.  
 Form OLTG-1-C, Parts 3 of 4 and 4 of 4 are shown on sheet EE1-2.  
 Other checked forms are available upon request.

# CERTIFICATE OF COMPLIANCE (Page 2 of 4) OLTG-1C

COMPLIANCE FIXTURE/LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST

Project Name: BLYTHE MAINTENANCE STATION FUEL PUMP CANOPY Date: 7/20/2012

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

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

Luminaire Schedule					Installed Watts					
A	B	C	D	E	F		G	H	I	
Name Or Item Tag	Luminaire Description See footnote below (i.e., lamp pole-top shoe-box 400 watt metal halide)	Cutoff Designation	Watts per 1 Luminaire	Special Features	How wattage was determined		Number of Luminaires	Installed Watts (D x G)	Field Inspector <sup>2</sup>	
					Default from NA-8	According to S 130 (d or e)			Pass	Fail
L1	SURFACE, INTEGRATED MOTION SENSOR, LED	FC	204	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6	1224	<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"/>
Enter total into OLTG-1C; Page 4 of 4; Row H; Total Installed Watts:								1,224		

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

**EXEMPT LUMINAIRES** Field Inspection

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

**MANDATORY CONTROLS** Field Inspection

#	Description	Location	#	Description	Location
1	PHOTOCELL, MOTION SENSOR	FUEL PUMP CANOPY			

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

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

50% OF LOAD SHEDDING IS ACHIEVED FOR ALL THE FUEL PUMP CANOPY LIGHTS BY DIMMING THE LIGHTS TO 50% CAPACITY IF NO MOTION IS DETECTED USING THE INTEGRATED MOTION SENSOR ON EACH FIXTURE.

**Field Inspector Notes or Discrepancies:**

2008 Nonresidential Compliance Forms July 2010

DIST. 08	COUNTY Riv, SBd	LOCATION CODE 5701, 5731	POST MILES TOTAL PROJECT	SHEET NO. 30	TOTAL SHEETS 40
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*Jaswinder Gill*  
 REGISTERED ELECTRICAL ENGINEER 12-14-12 DATE

3-11-13  
 PLANS APPROVAL DATE

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**CALIFORNIA STATE FIRE MARSHAL APPROVED**

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Reviewed by: *[Signature]*  
 FRANCIS SOLICH  
 Approval date: 12-11-12

CALIFORNIA ENERGY COMMISSION MANDATORY MEASURES:

- FUEL PUMP CANOPY LIGHTS**
- PHOTOCELL SWITCHING LIGHTS ON/OFF BASED ON DAYLIGHTING.
  - ALL LUMINAIRES SHALL HAVE FULL CUT-OFF TYPE LIGHT DISTRIBUTION.
  - FIXTURE INTEGRATED MOTION SENSOR SHALL DIMM THE LIGHT OUTPUT BY 50% OF MAXIMUM OUTPUT WHEN THERE IS NO MOTION DETECTED.

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 56M5701	BLYTHE/ VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY	SHEET EE1-1	
			POST MILE X			
DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill	UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF X X
QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill			6/22/12	7/20/12	9/28/12	

EA 0R9001



**CALIFORNIA STATE FIRE MARSHAL APPROVED**  
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 Reviewed by: *[Signature]*  
**FRANCIS SOLICH**  
 Approval date: 12-11-12

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		32	40

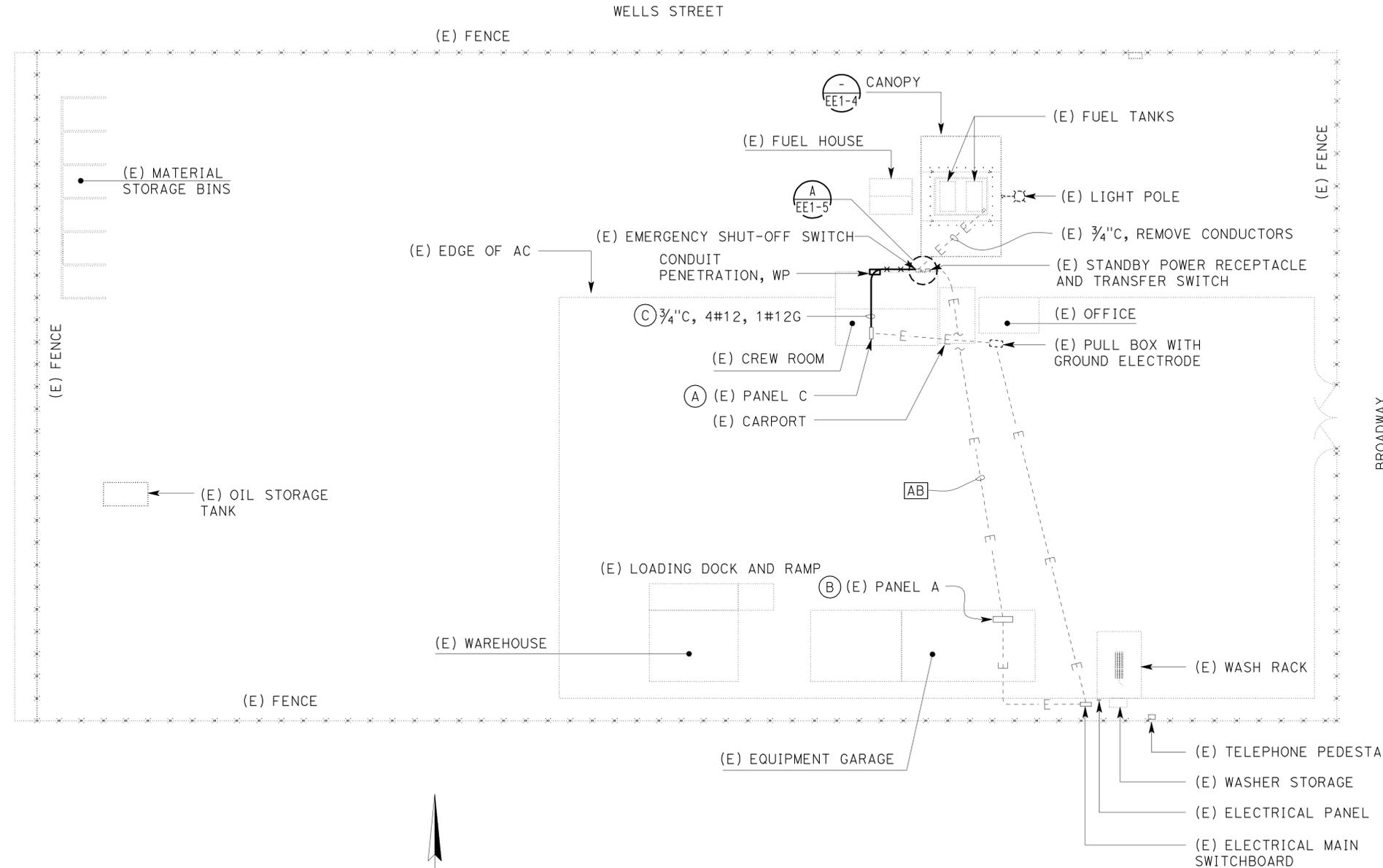
<i>Jaswinder Kaur</i>		12-14-12 DATE
REGISTERED ELECTRICAL ENGINEER		

3-11-13 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.



- GENERAL NOTES:**
- Existing underground electrical conduits and conductors system and electrical equipment as shown are diagrammatic and their location as shown is approximate only. Therefore, field verify exact location of existing underground facilities prior to the beginning of trenching or removal work, if required.
  - Not all underground utilities are shown.
- NOTES:**
- (A) Panel C is 150 A, 120/240 V, 1-phase, 3-wire Challenger Power Master Company and type PRL1 panelboard.  
 Perform following:
    - Install two 1-pole, 20 A, 120-Volt rated "switch neutral" circuit breakers in space #14 & #16 and #18 & #20.
    - Update panel directory.
    - Install and terminate new 3/4" C on top of Panel C inside the attic space.
    - Panel C is a recessed panel board. Conduit installation may require removal of wall. Therefore remove and replace existing gypsum board and wall as required for conduit installation. Patch and paint wall to match existing.
  - (B) Disconnect conductors from circuit feeding Fuel Island Emergency Shut-Off Switch and mark them as spare. Update the panel directory.
  - (C) Install conduit inside attic space.

**SITE PLAN**  
 1" = 30'

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

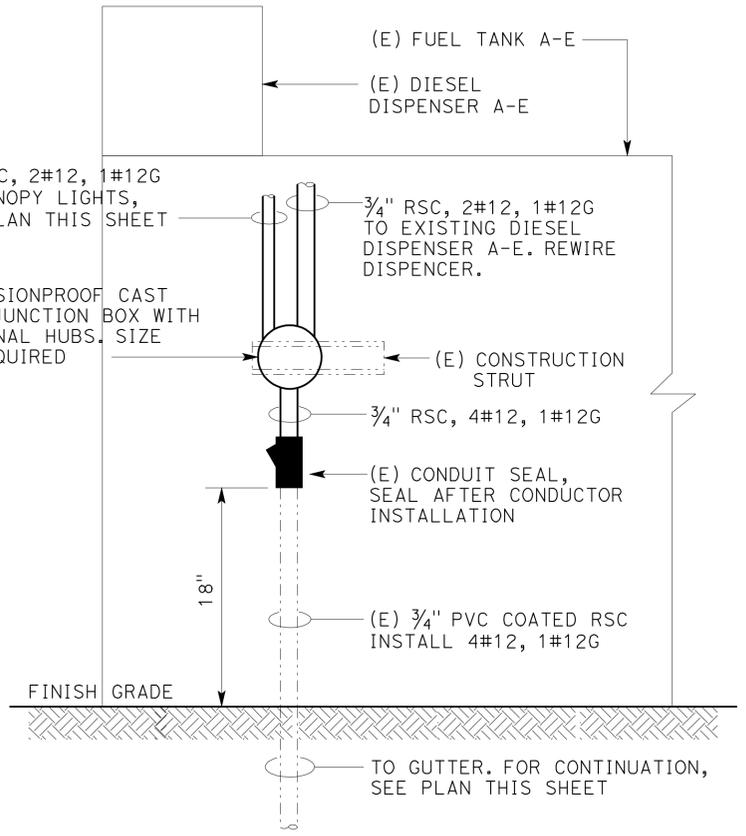
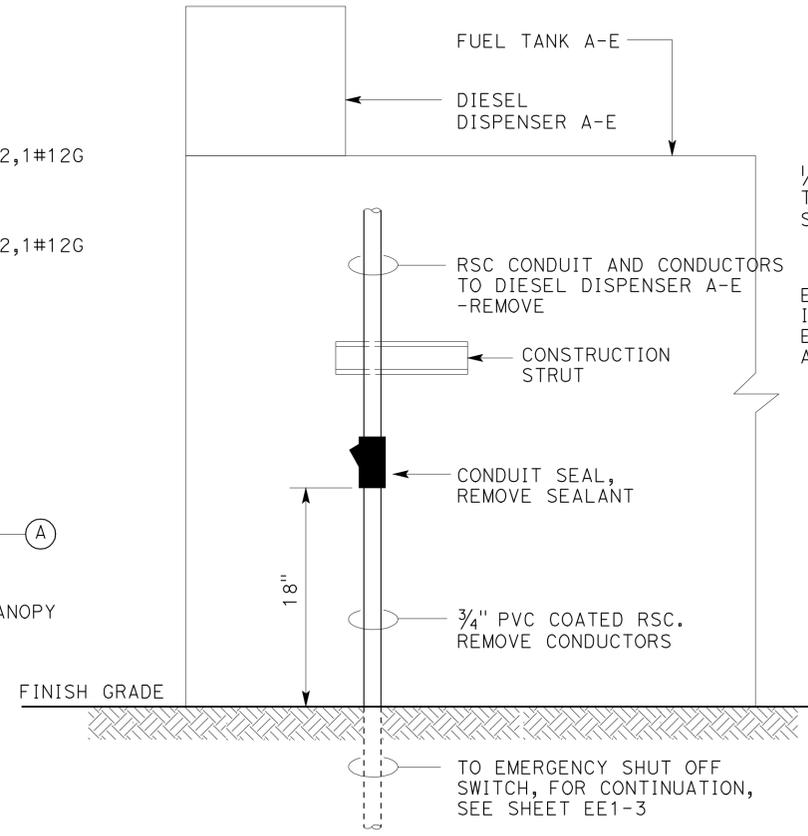
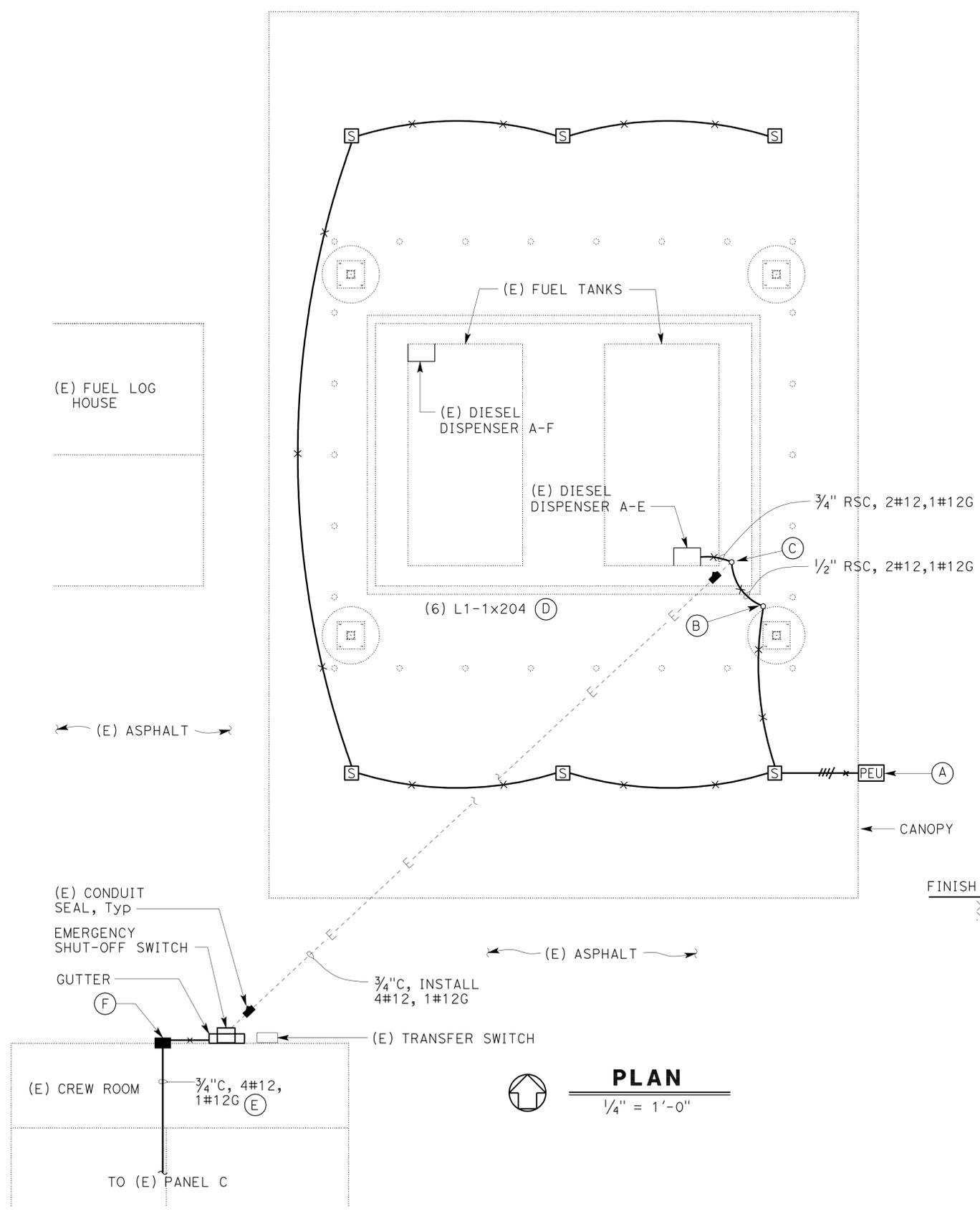
DESIGN SUPERVISOR <i>[Signature]</i> DESIGN ENGINEER <i>[Signature]</i>	DESIGN BY Jipinderpal Kaur	CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 56M5701	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b>	SHEET OF				
	DETAILS BY Jipinderpal Kaur	CHECKED Jaswinder Gill		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE X		BLYTHE MAINTENANCE STATION	EA OR9001	3596		
QUANTITIES BY Jipinderpal Kaur	CHECKED Jaswinder Gill			PROJECT NUMBER & PHASE 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	12/28/12	1/20/12	3/28/12	12/14/12	X

12-MAR-2013 07:48 ee1\_3.dgn

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		33	40
J. S. GILL REGISTERED ELECTRICAL ENGINEER No. 18551 Exp. 12-31-12 ELEC STATE OF CALIFORNIA			12-14-12 DATE		
3-11-13 PLANS APPROVAL DATE					
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 Approval date: 12-11-12

- NOTES:
- (A) Install photocell 12" on top of the canopy facing north. Provide conduit flashing as required.
  - (B) Secure conduit to canopy column with stainless steel pipe straps.
  - (C) Modify existing conduit system. For details see Elevation this sheet.
  - (D) For Lighting Fixture Schedule and Schematic, see sheet EE1-6. Support light fixtures from the structural beams. See Structural plans for exact location of beams.
  - (E) Install conduit in the attic space.
  - (F) Provide weatherproof conduit penetration thru the wall.



THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 56M5701	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b>	SHEET <b>EE1-4</b>
			POST MILE X		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES 6/22/12 7/20/12 9/28/12 12/14/12	SHEET OF 33 OF 40

GENERAL NOTE:

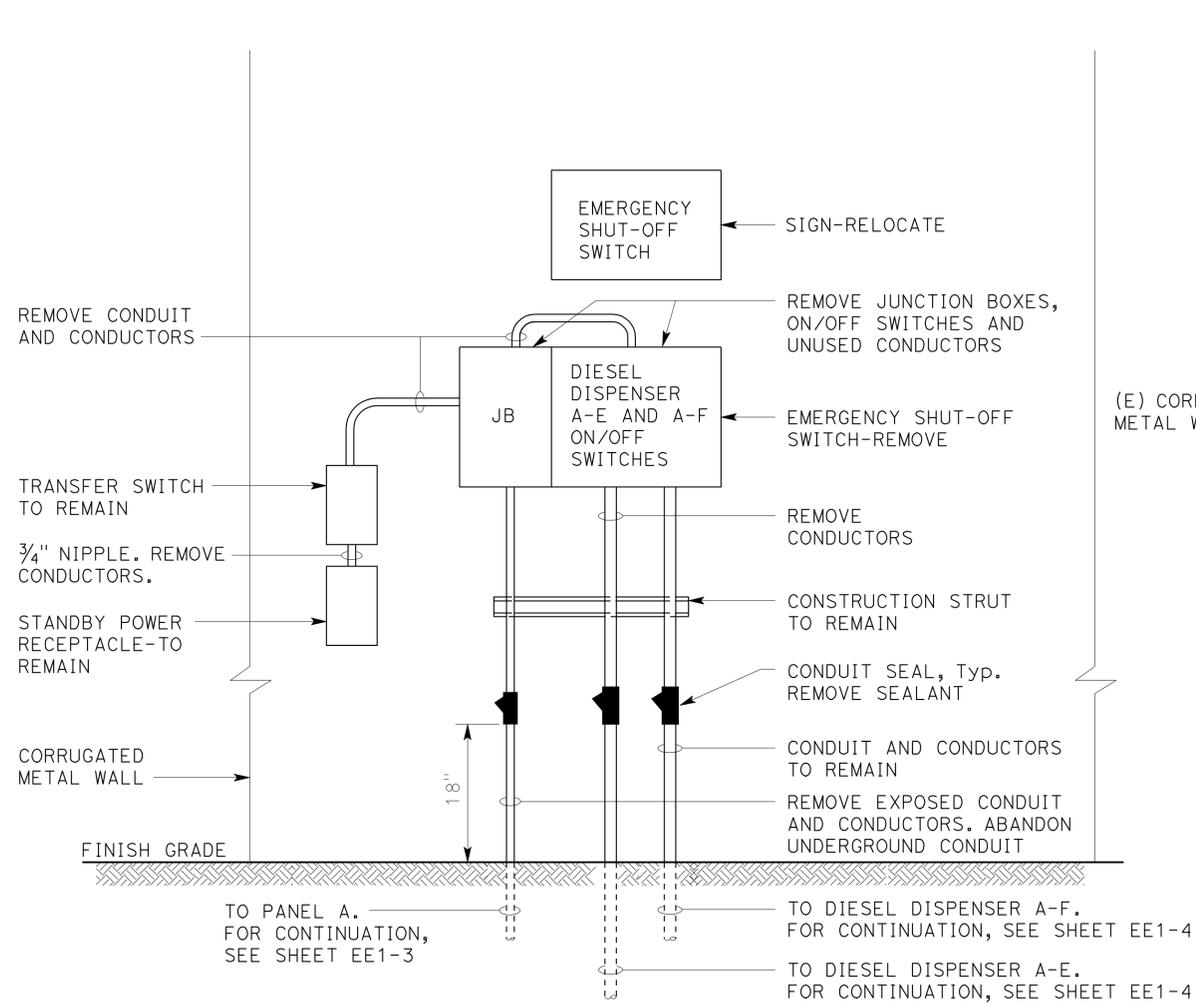
- For Modified Wiring, see sheet EE1-6.

NOTE:

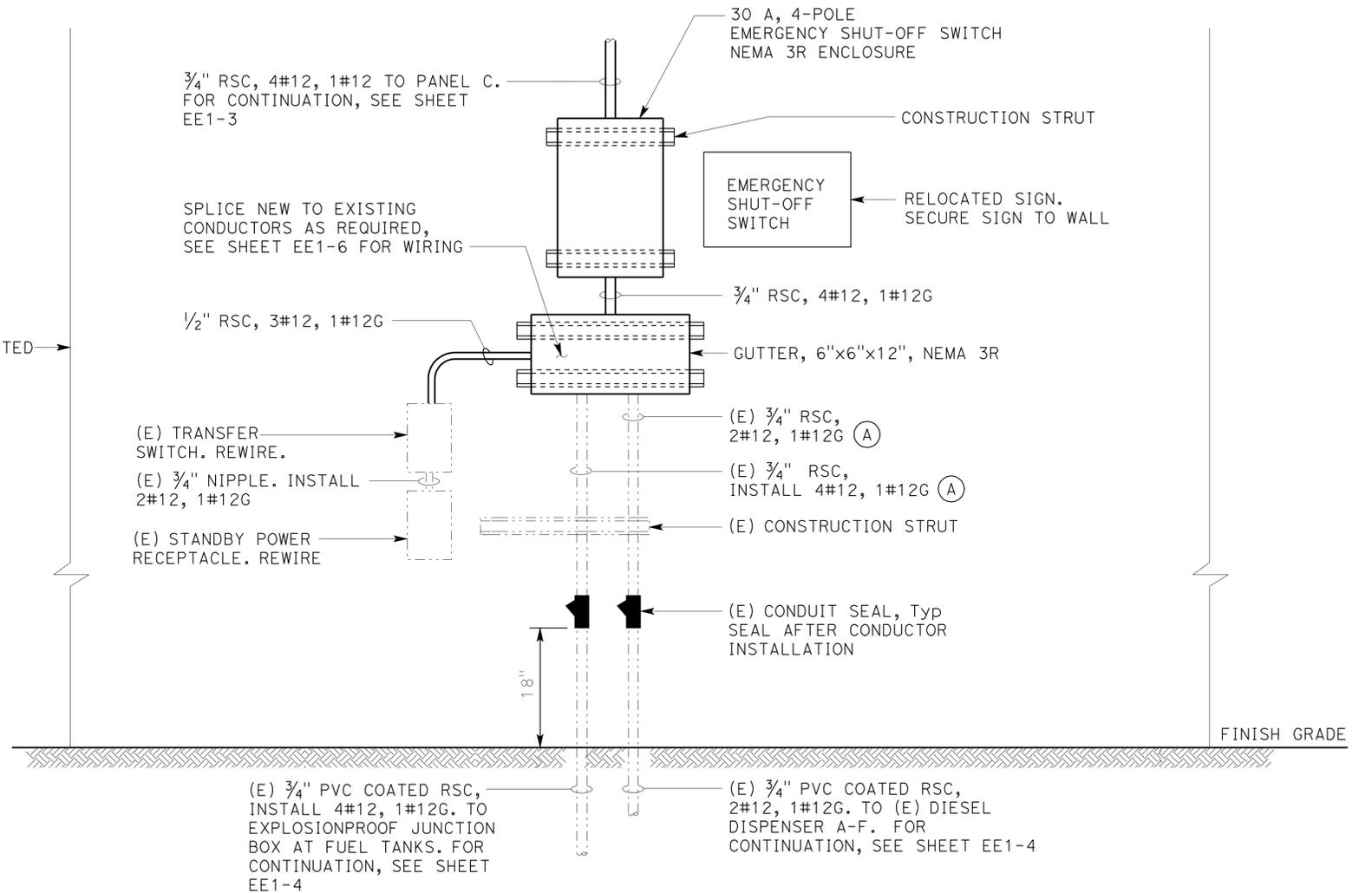
- (A) Terminate existing conduits on to new gutter using conduit fittings as required.

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 Reviewed by: FRANCIS SOLICH  
 Approval date: 12-11-12

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		34	40
J. S. GILL REGISTERED ELECTRICAL ENGINEER No. 18551 Exp. 12-31-12 ELEC STATE OF CALIFORNIA			12-14-12	DATE	
3-11-13 PLANS APPROVAL DATE					
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**EXISTING**



**MODIFIED**

**(A) ELEVATION**  
NO SCALE

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill	DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill	QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 56M5701	BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY	SHEET EE1-5
					POST MILE X		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
EA 0R9001				REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		35	40

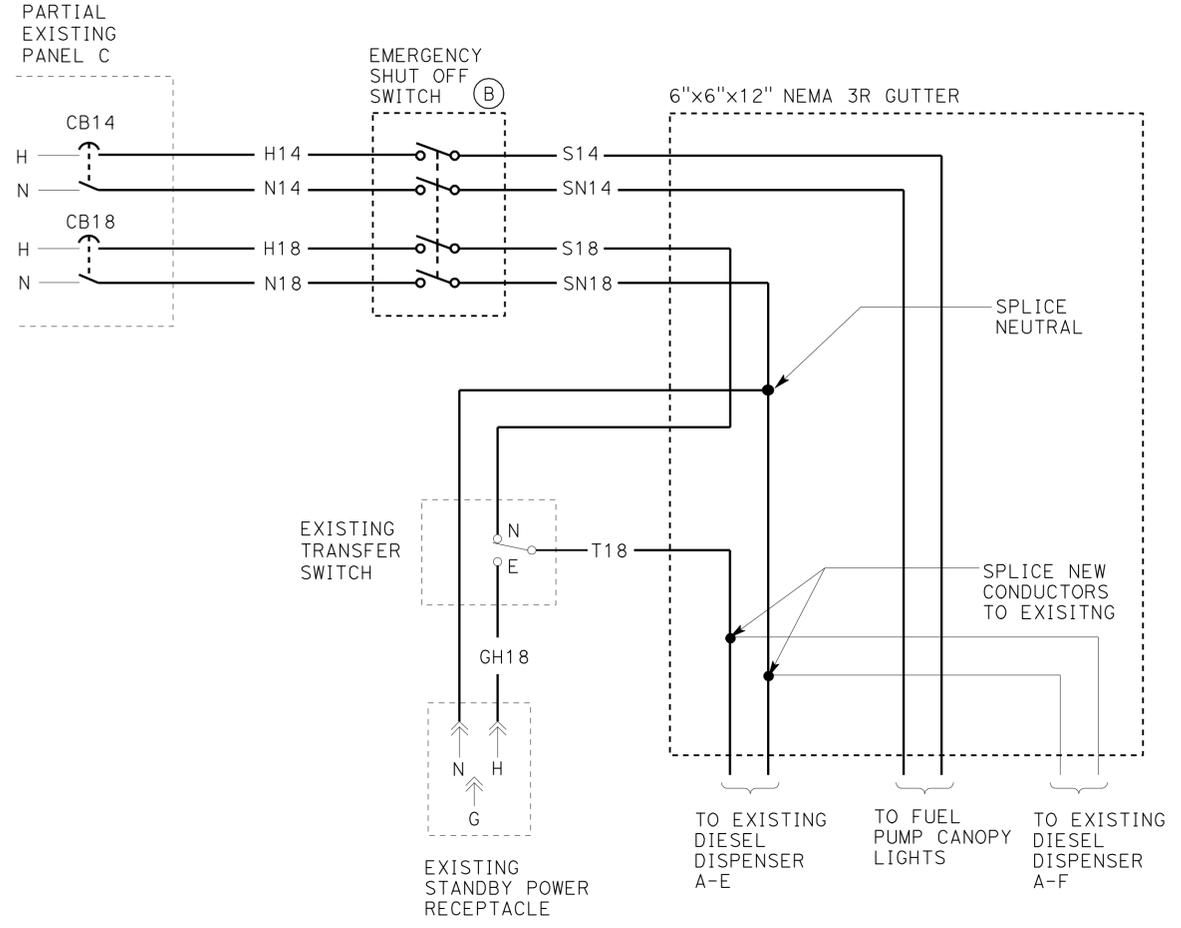
  

J. S. GILL REGISTERED ELECTRICAL ENGINEER No. 18551 Exp. 12-31-12 ELEC STATE OF CALIFORNIA		12-14-12 DATE
3-11-13 PLANS APPROVAL DATE		
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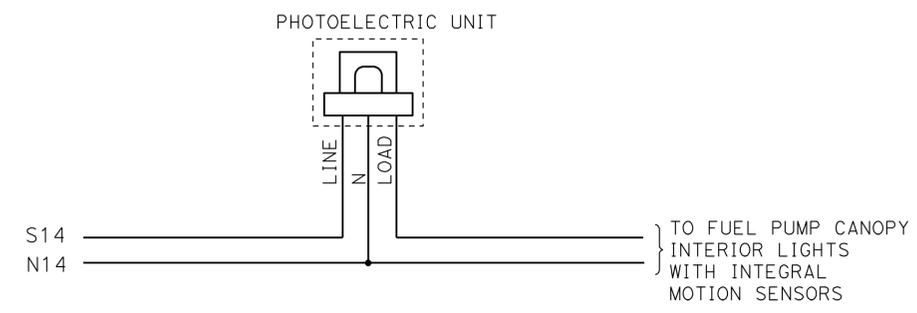
**CALIFORNIA STATE FIRE MARSHAL APPROVED**

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Reviewed by: FRANCIS SOLICH  
 Approval date: 12-11-12



**WIRING DIAGRAM**



**LIGHTING CONTROL SCHEMATIC**

LIGHTING FIXTURE SCHEDULE						
MANUFACTURER	TYPE	LAMP	MAX. INPUT WATTS	VOLTS	CONTROLS	DESCRIPTION
BETA LED THE EDGE SERIES, OR EQUAL	L1	LED ARRAY	204 W	120 V	INTEGRAL MOTION SENSOR / FUSE. SEE NOTE A. REMOTE PHOTOCELL.	SURFACE MOUNTED OUTDOOR LED LUMINAIRE, 204 WATT LED ARRAY, TYPE FIVE MEDIUM DISTRIBUTION, FULL CUTOFF LUMINAIRE, 16,000 MINIMUM DELIVERED LUMENS AT 5700 DEGREE KELVIN AND WITH CRI OF AT LEAST 70. THE FIXTURE MUST BE CONSTRUCTED FROM ONE PIECE DIE-CAST, RUGGED ALUMINUM WITH INTEGRAL, WEATHER TIGHT LED ENGINE DRIVER COMPARTMENTS AND HIGH PERFORMANCE ALUMINUM HEAT SINKS WITH INTEGRATED LENS. ALL EXPOSED DIE-CAST SURFACE MUST HAVE A EPOXY PRIMER TO PROVIDE RESISTANCE TO CORROSION AND WHITE POWDER TOPCOAT. LED ENGINE DRIVER MUST BE UL LISTED, 120 V, 50,000 HOUR DESIGN LIFE, 0-10 V DIMMING, 0.9 MINIMUM POWER FACTOR, 5-YEAR WARRANTY, COMPLETE WITH INTERNAL THERMAL PROTECTION AND OVERLOAD PROTECTION. FIXTURES MUST BE UL LISTED FOR WET LOCATION AND IP66 RATED. FIXTURES MUST BE PROVIDED WITH BIRD GUARD OR BIRD SHROUD.

**NOTE:**

- (A) Integral motion sensors shall be a factory installed motion sensor on the fixture housing and uses passive infrared technology to detect motions. Motion sensor coverage shall be equal or greater than 2 mounting height diameter coverage with a 360 degree circular pattern. Motion sensor shall dim the fixture light output by 50% when there is no motion detected.
- (B) 30 A, 4-pole Emergency Shut-off Switch NEMA 3R Enclosure.

**GENERAL NOTES:**

- 1. All fixtures shall be warranted for minimum of 5 years.
- 2. For California Energy Commission Mandatory measures, see sheet EE1-1.

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 56M5701	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b> BLYTHE MAINTENANCE STATION DETAILS 2	SHEET OF <b>EE1-6</b>
			POST MILE X		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
TAEMWW Imperial Rev. 3/12		REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF

12-MAR-2013 10:22 ee1\_6.dgn

# CERTIFICATE OF COMPLIANCE (Page 1 of 4) OLTG-1C

Project Name: VIDAL MAINTENANCE STATION FUEL PUMP CANOPY Date: 7/20/2012

Project Address: JUNCTION STATE ROUTE 62/ STATE ROUTE 95 Total Hardscape Illuminated Area: 1204 SQUARE FEET

General Information  
Phase of Construction:  New Construction  Addition  Alteration

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

Name: Jaswinder Gill Signature: *Jaswinder S Gill*  
Company: Caltrans Date: 7/20/2012  
Address: 1801 30th Street If applicable: CEA # CEPE #  
City/State/Zip: Sacramento, CA 95816 Phone: (916) 227-9492

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

Name: Jaswinder Gill Signature: *Jaswinder S Gill*  
Company: Caltrans Phone: (916) 227-9492  
Address: 1801 30th Street License # 18551  
City/State/Zip: Sacramento, CA 95816 Date: 12-31-12

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

Outdoor Lighting Mandatory Measures  
Indicate location on building plans of Mandatory Measures Note Block: EE2-1

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

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

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

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

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

2008 Nonresidential Compliance Forms July 2010

GENERAL NOTE:  
Form OLTG-1-C, Parts 1 of 4 and 2 of 4 are shown on this sheet.  
Form OLTG-1-C, Parts 3 of 4 and 4 of 4 are shown on sheet EE2-2.  
Other checked forms are available upon request.

# CERTIFICATE OF COMPLIANCE (Page 2 of 4) OLTG-1C

## COMPLIANCE FIXTURE/LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST

Project Name: Date: 7/20/2012

INSTALLATION CERTIFICATE, OLTG-1-INST (Retain a copy and verify form is completed and signed.) Field Inspection   
CERTIFICATE OF ACCEPTANCE, OLTG-2A (Retain a copy and verify form is completed and signed.) Field Inspection

Luminaire Schedule					Installed Watts					
A	B	C	D	E	F		G	H	I	
Name Or Item Tag	Luminaire Description See footnote below (i.e., lamp pole-top shoe-box 400 watt metal halide)	Cutoff Designation	Watts per 1 Luminaire	Special Features	How wattage was determined		Number of Luminaires	Installed Watts (D x G)	Field Inspector <sup>2</sup>	
					Default from NA-8	According to S 130 (d or e)			Pass	Fail
L1	SURFACE, INTEGRATED MOTION SENSOR, LED	FC	204	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	816	<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"/>
Enter total into OLTG-1C; Page 4 of 4; Row H; Total Installed Watts:								816		

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

EXEMPT LUMINAIRES Field Inspection   
Name or Symbol Description of exempt luminaires in accordance with S 147

MANDATORY CONTROLS Field Inspection

#	Description	Location	#	Description	Location
1	PHOTOCELL, MOTION SENSOR	FUEL PUMP CANOPY			

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

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50% OF LAOD SHEDDING IS ACHIEVED FOR ALL THE FUEL PUMP CANOPY LIGHTS BY DIMMING THE LIGHTS TO 50% CAPACITY IF NO MOTION IS DETECTED USING THE INTEGRATED MOTION SENSOR ON EACH FIXTURE.

Field Inspector Notes or Discrepancies:

2008 Nonresidential Compliance Forms July 2010

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		36	40

*Jaswinder S Gill*  
REGISTERED ELECTRICAL ENGINEER 12-14-12 DATE

3-11-13  
PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: *Francis Solich*  
FRANCIS SOLICH  
Approval date: 12-11-12

CALIFORNIA ENERGY COMMISSION MANDATORY MEASURES:

- FUEL PUMP CANOPY LIGHTS
- PHOTOCELL SWITCHING LIGHTS ON/OFF BASED ON DAYLIGHTING.
  - ALL LUMINARIES SHALL HAVE FULL CUT-OFF TYPE LIGHT DISTRIBUTION.
  - FIXTURE INTEGRATED MOTION SENSOR SHALL DIMM THE LIGHT OUTPUT BY 50% OF MAXIMUM OUTPUT WHEN THERE IS NO MOTION DETECTED.

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 54M5731	BLYTHE/ VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY	SHEET EE2-1
DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE X		
QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill		UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
TAEMWW Imperial Rev. 3/12	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	EA 0R9001	6/22/12 7/20/12 9/28/12 12/14/12	SHEET OF X X	ee2_1.dgn



DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		38	40

<i>Jaswinder S Gill</i>		REGISTERED ELECTRICAL ENGINEER	DATE
		12-14-12	

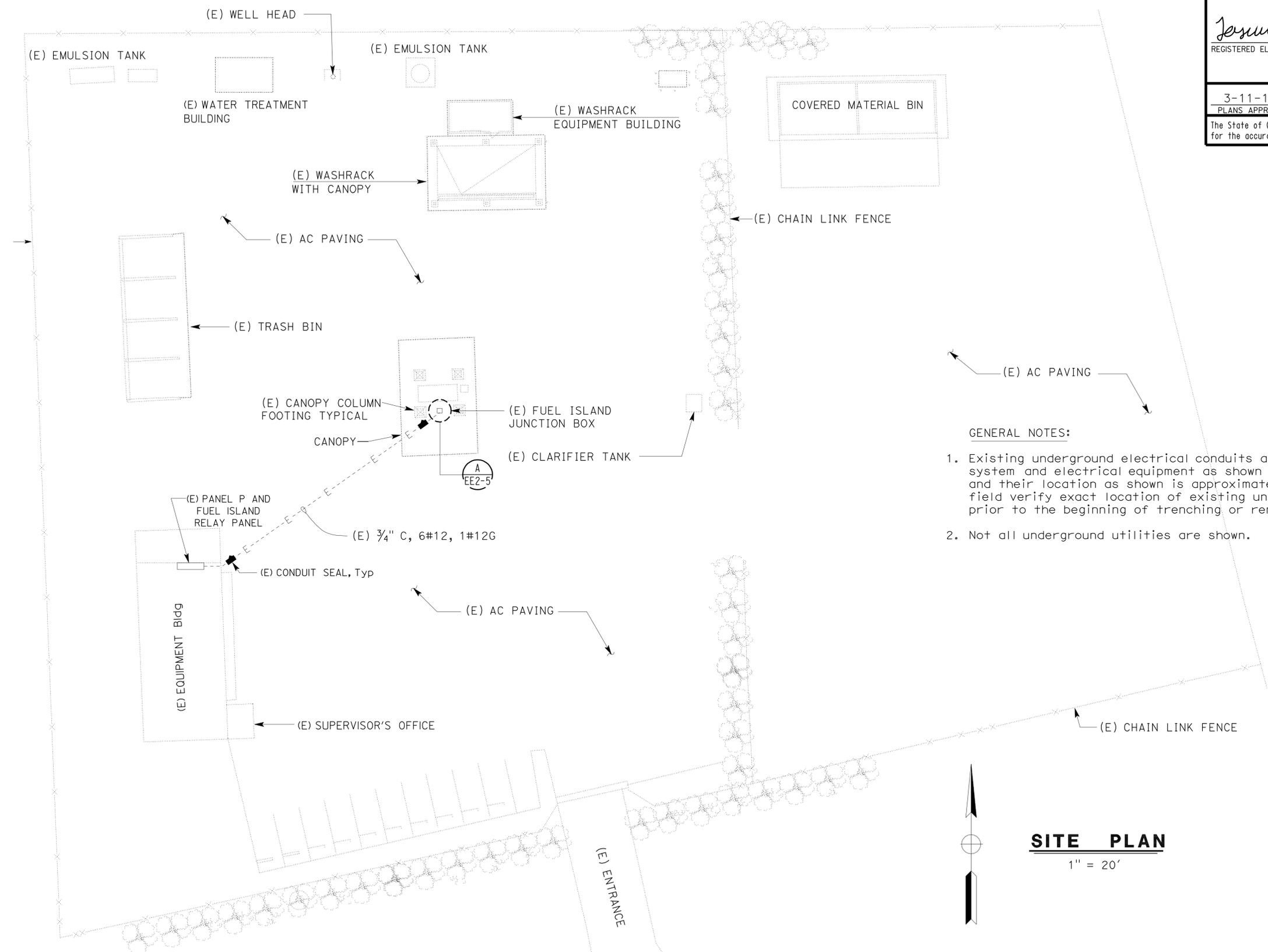
  

REGISTERED PROFESSIONAL ENGINEER	
J. S. GILL	
No. 18551	
Exp. 12-31-12	
ELEC	
STATE OF CALIFORNIA	

3-11-13  
PLANS APPROVAL DATE

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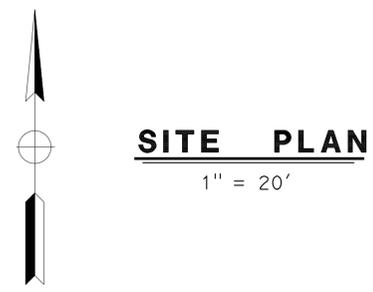


- GENERAL NOTES:
- Existing underground electrical conduits and conductors system and electrical equipment as shown are diagrammatic and their location as shown is approximate only. Therefore, field verify exact location of existing underground facilities prior to the beginning of trenching or removal work, if required.
  - Not all underground utilities are shown.

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Reviewed by: *Francis Solich*  
FRANCIS SOLICH  
Approval date: 12-11-12



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DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill	DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill	QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 54M5731	BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY SITE PLAN	SHEET OF
					POST MILE X		VIDAL MAINTENANCE STATION
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 3596 08120002071 EA 0R9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 6/28/12 1/20/12 9/28/12 12/14/12

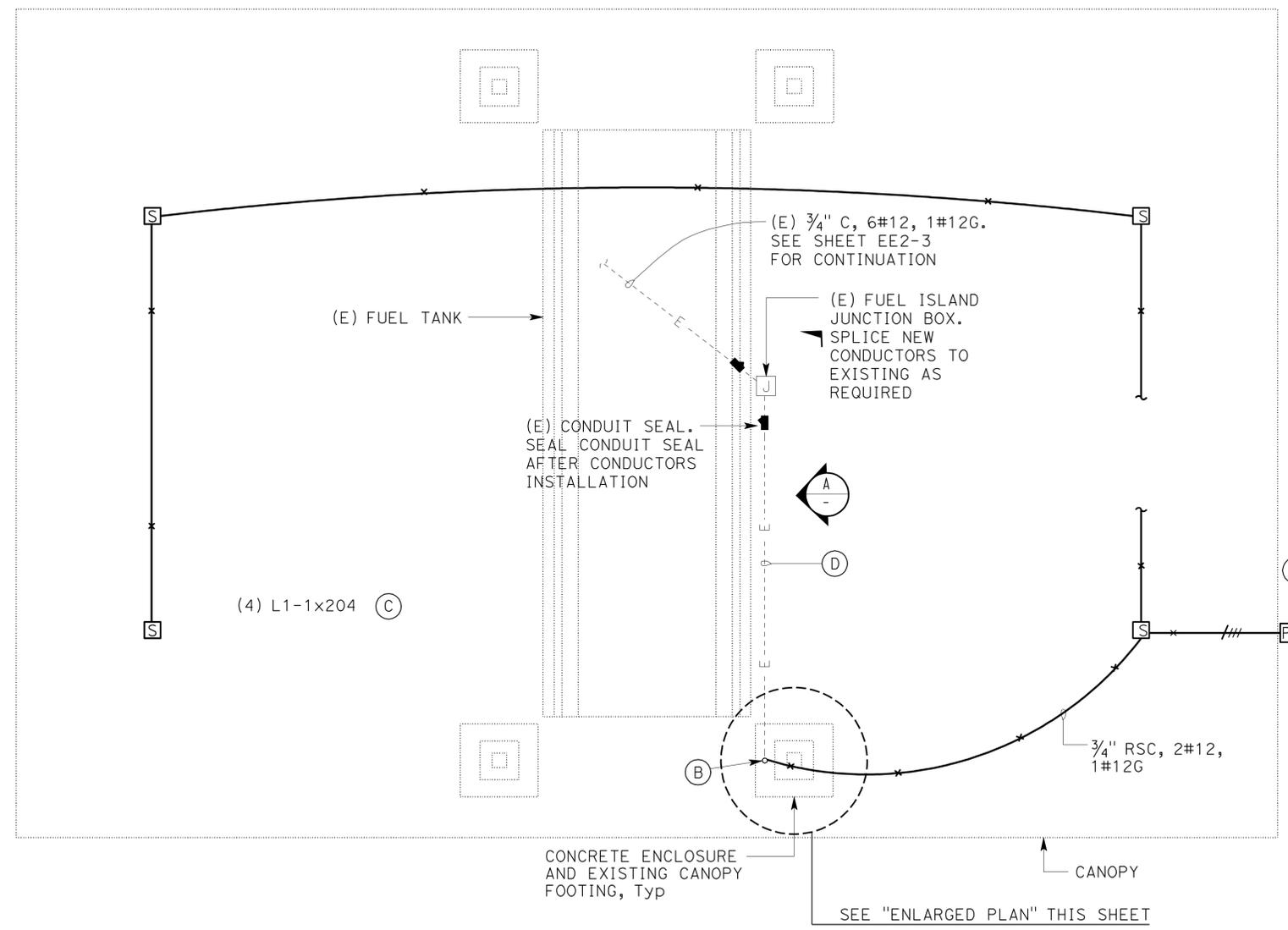
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		39	40

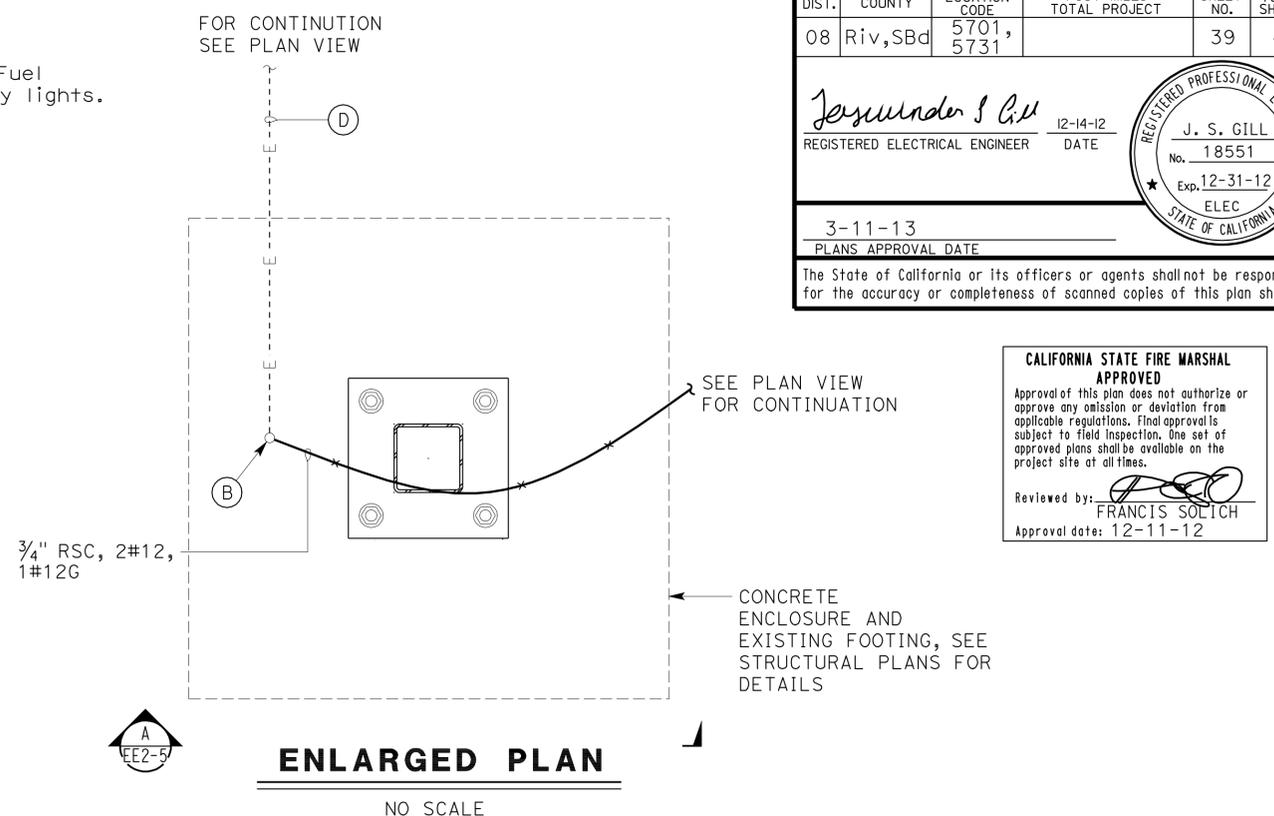
<i>Jaswinder &amp; Co</i> REGISTERED ELECTRICAL ENGINEER		12-14-12 DATE
3-11-13 PLANS APPROVAL DATE		
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.		

NOTES:

- (A) Install photocell 12" on top of canopy facing north. Provide conduit flashing as required.
- (B) Existing 3/4" conduit riser. Connect new to existing conduit riser and extend to ceiling to feed canopy lights.
- (C) For lighting fixture schedule and schematic, see sheet EE1-6. Support fixtures from the structural beams. See Structural plans for exact beam locations.
- (D) Existing 3/4"C. Remove 2#12, 1#12G up to the existing Fuel Island junction box. Install 2#12, 1#12G for new canopy lights.



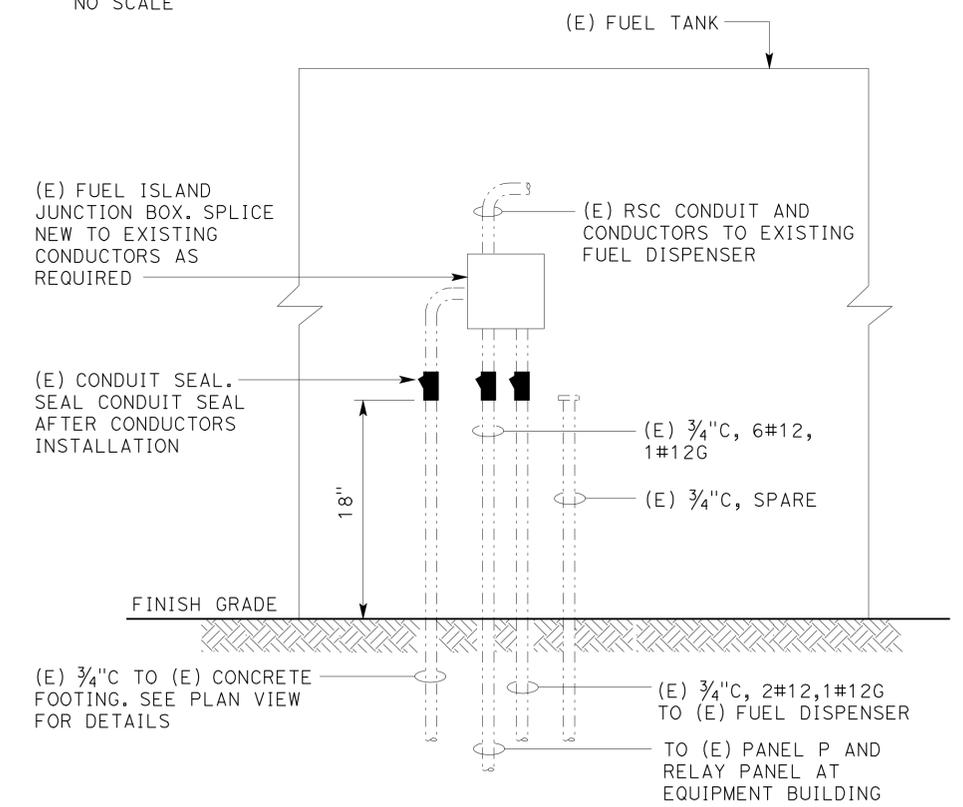
**PLAN**  
3/8" = 1'-0"



**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: 12-11-12



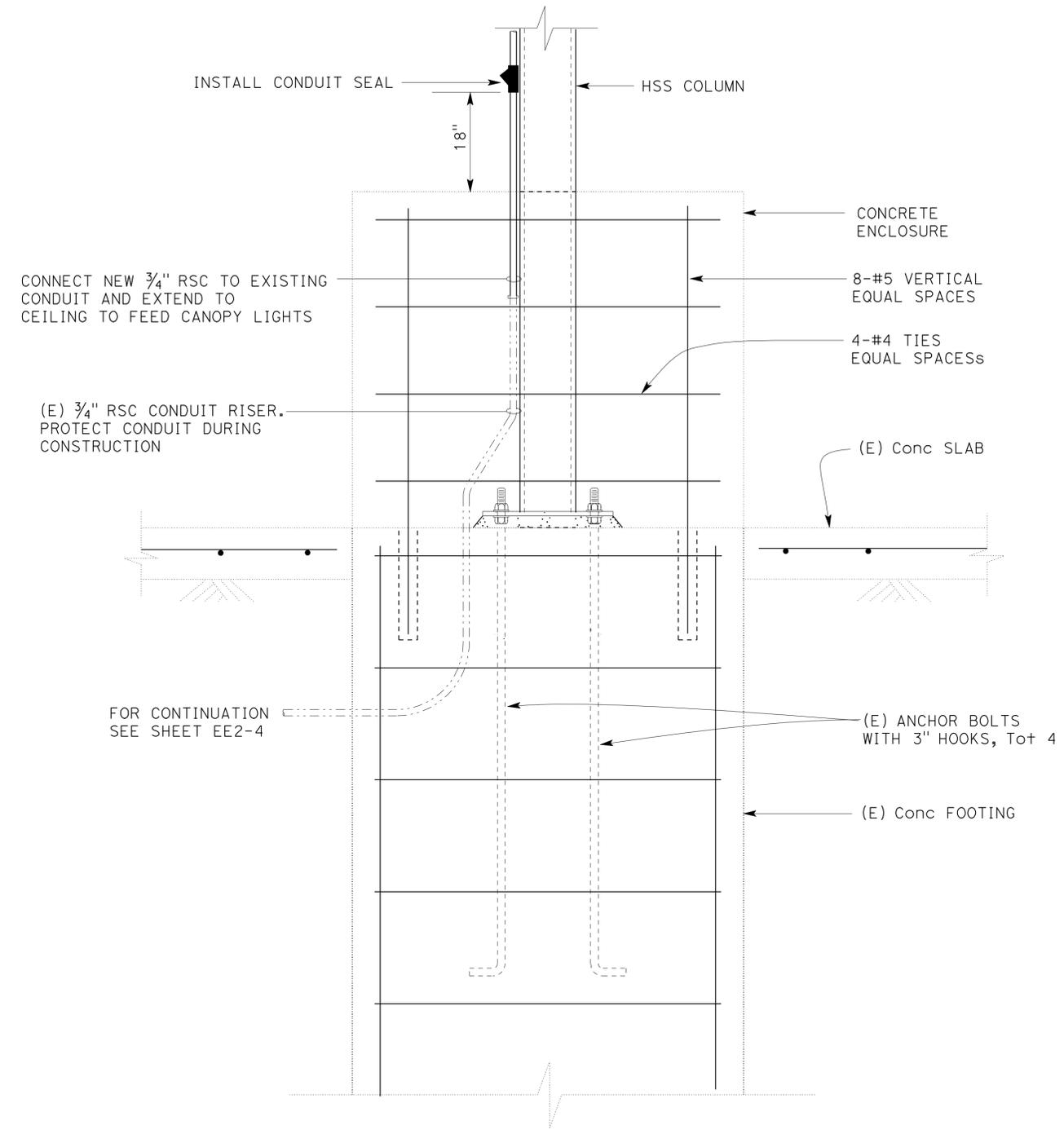
**A ELEVATION**

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 54M5731	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b>	SHEET OF <b>EE2-4</b>
			POST MILE X		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT PROJECT NUMBER & PHASE 3596 08120002071	REVISION DATES (PRELIMINARY STAGE ONLY) 6/22/12 7/28/12 9/28/12 12/14/12	SHEET OF X X

**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: 12-11-12

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, SBd	5701, 5731		40	40
<i>Jaswinder &amp; Co</i> REGISTERED ELECTRICAL ENGINEER			12-14-12 DATE	J. S. GILL No. 18551 Exp. 12-31-12 ELEC STATE OF CALIFORNIA	
3-11-13 PLANS APPROVAL DATE					
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**B** — **ELEVATION**  
 NO SCALE

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY Jipinderpal Kaur CHECKED Jaswinder Gill	DETAILS BY Jipinderpal Kaur CHECKED Jaswinder Gill	QUANTITIES BY Jipinderpal Kaur CHECKED Jaswinder Gill	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 54M5731	<b>BLYTHE/VIDAL MAINTENANCE STATIONS FUEL PUMP CANOPY</b> DETAILS	SHEET OF <b>EE2-5</b>
					POST MILE X		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 3596 08120002071	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 8/22/12 7/28/12 9/28/12 12/14/12	SHEET OF