

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR BUILDING CONSTRUCTION
IN KERN COUNTY
AT BODFISH
AT THE BODFISH MAINTENANCE STATION
AT 3115 KERN RIVER CANYON ROAD

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

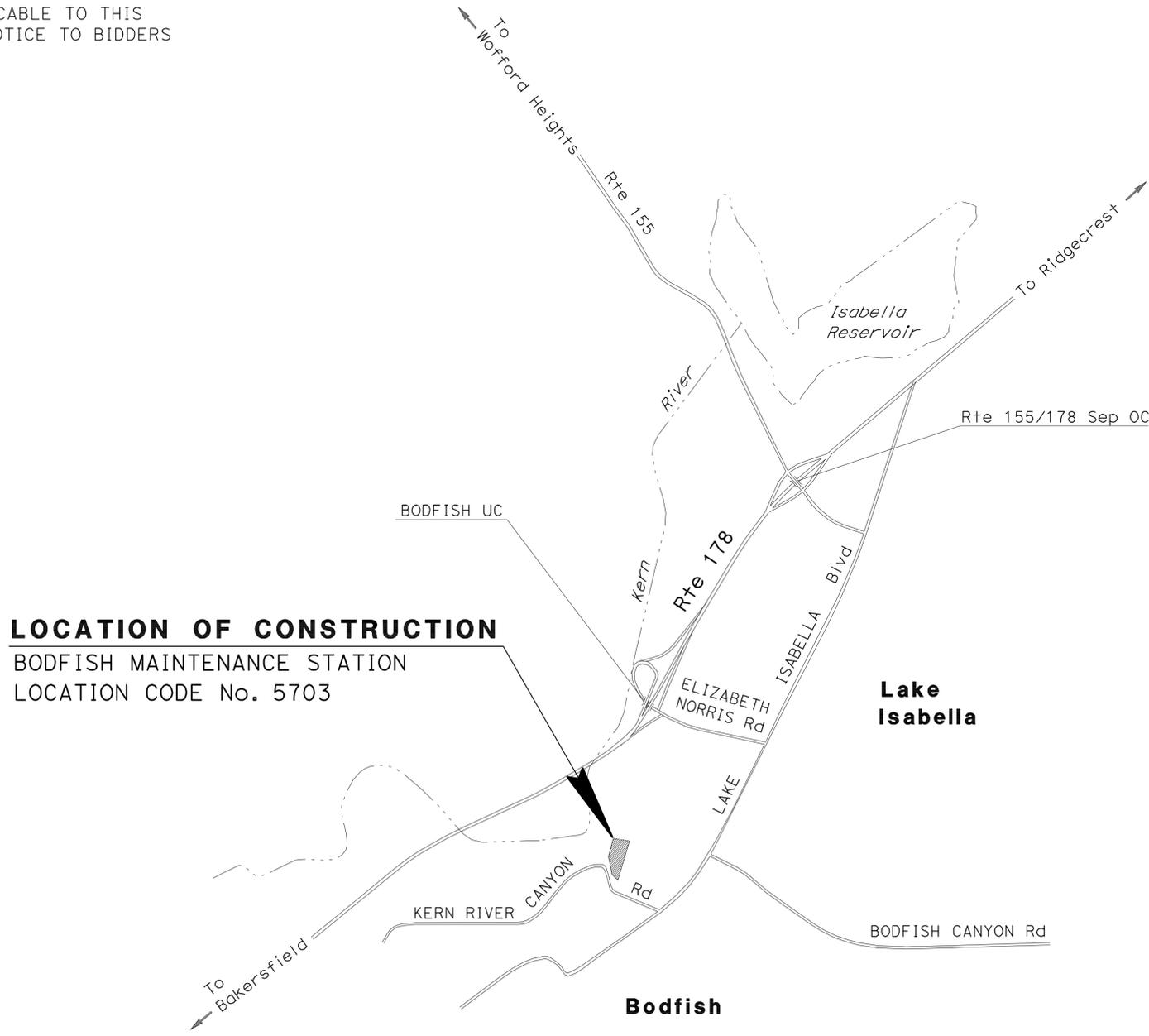
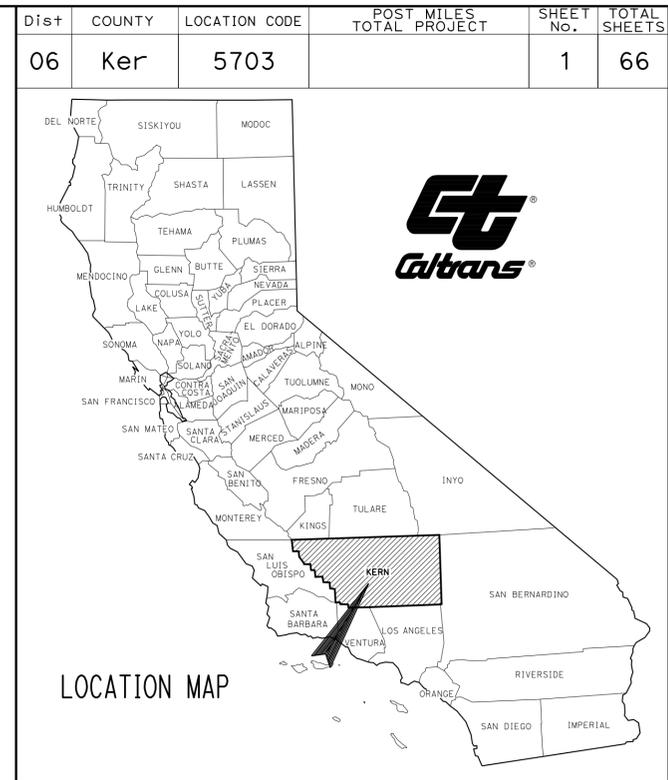
INDEX OF PLANS

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



LOCATION OF CONSTRUCTION
 BODFISH MAINTENANCE STATION
 LOCATION CODE No. 5703

NO SCALE

PROJECT MANAGER
CHRISTINA DYER
 DESIGN ENGINEER
KAL DAHER

K. Dah 12-23-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



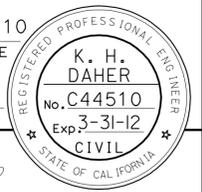
February 22, 2011
 PLANS APPROVAL DATE

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

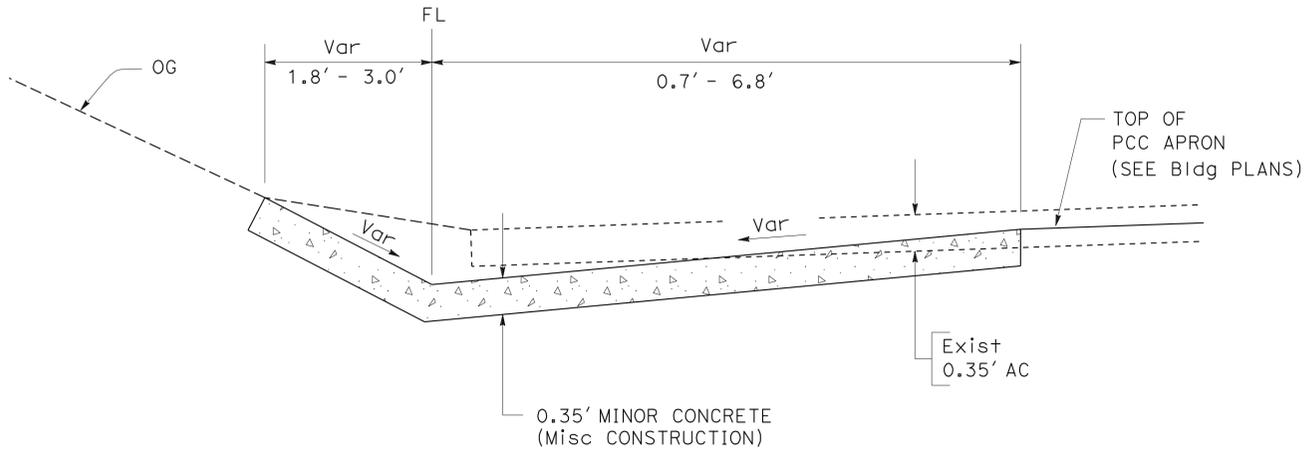
CONTRACT No.	06-0M4004
PROJECT ID	0600000962

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

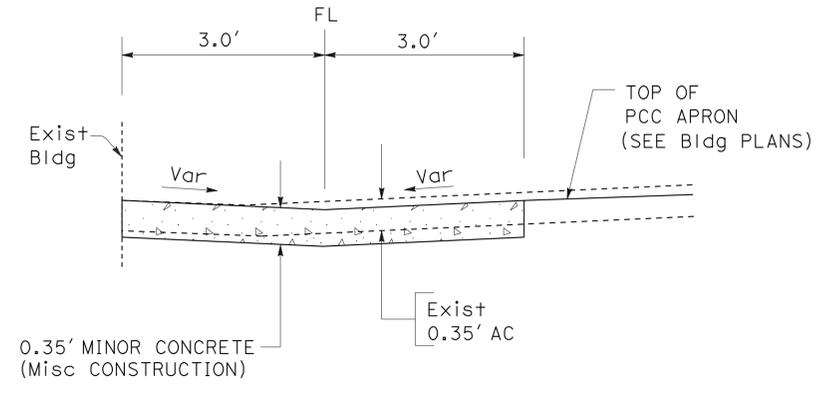
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5703		2	66
K. Dah			12-23-10	REGISTERED CIVIL ENGINEER DATE	
2-22-11			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



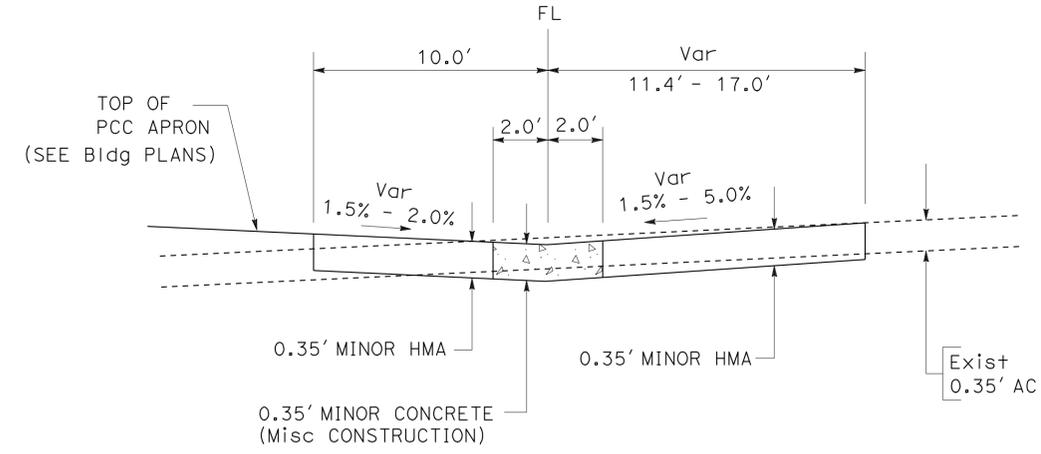
- NOTES:**
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTION) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
 2. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
 3. FOR SECTION LOCATION SEE LAYOUT PLAN L-1.



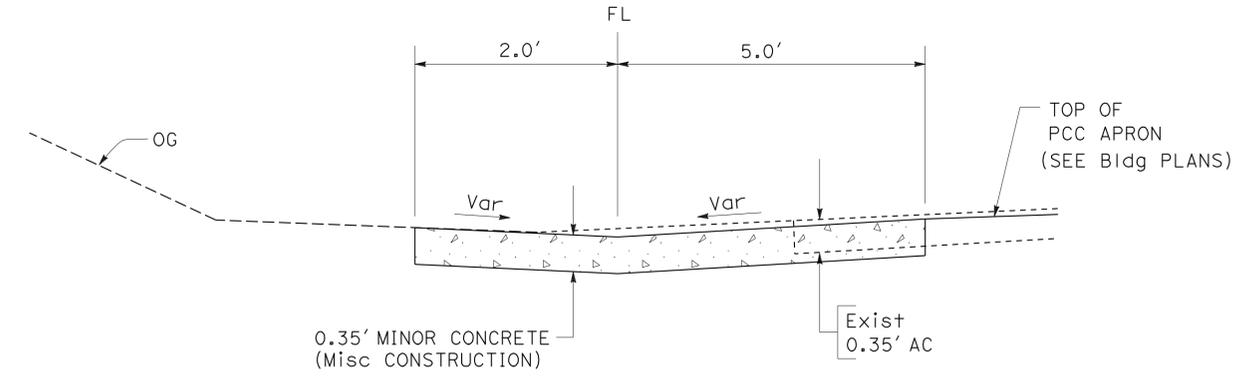
SECTION B-B



SECTION D-D



SECTION A-A



SECTION C-C

TYPICAL CROSS SECTIONS

NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: KAL DAHER
 CALCULATED/DESIGNED BY: JORGE AGUILERA
 CHECKED BY: KAL DAHER
 REVISED BY: JORGE AGUILERA
 DATE REVISED: KAL DAHER

NOTES: 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 2. SEE ARCHITECTURAL PLANS FOR LOCATIONS OF DETECTABLE WARNING SURFACE LOCATIONS.

LEGEND  0.35' MINOR HMA

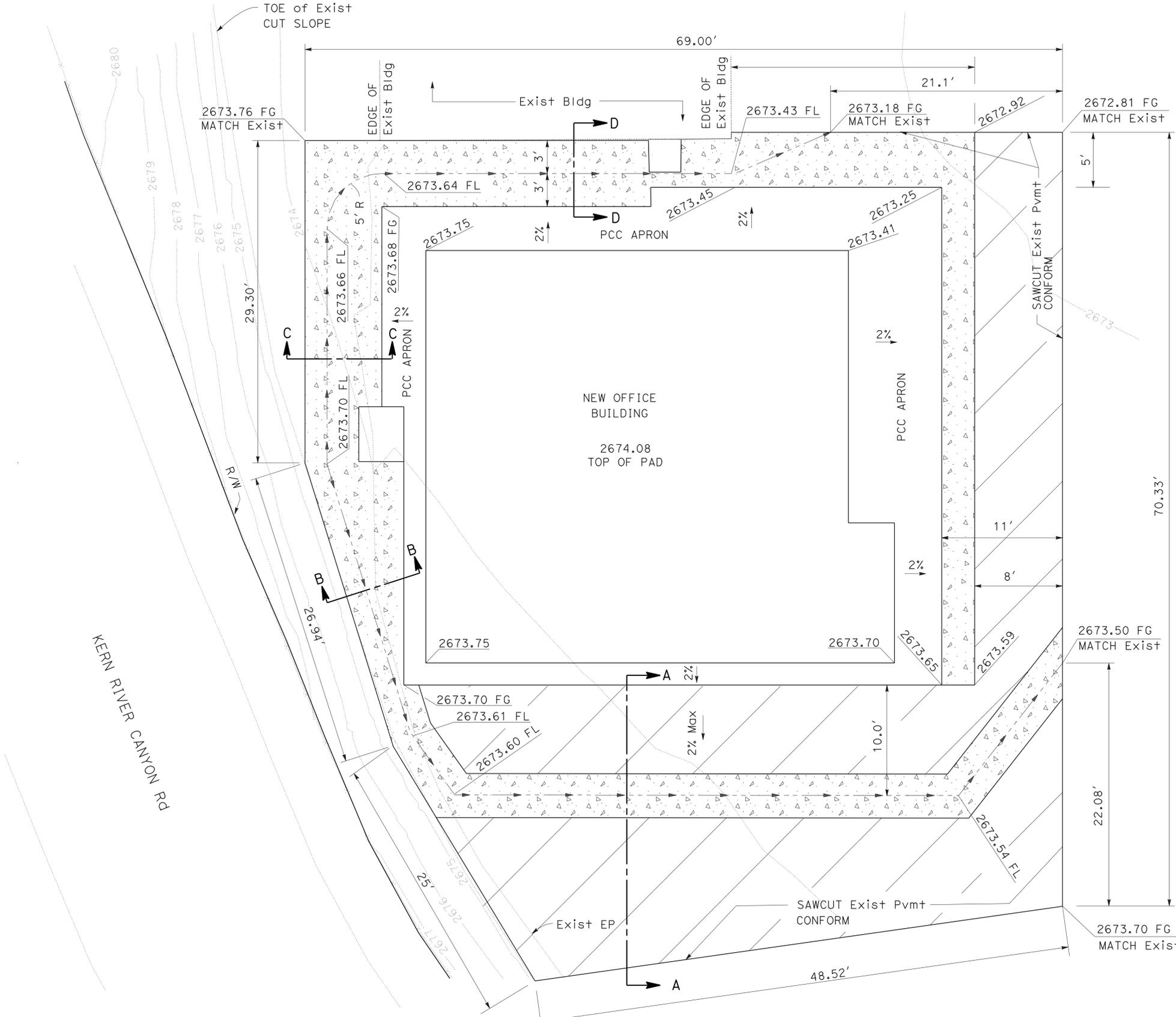
Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5703		3	66

K. Dah 12-23-10
 REGISTERED CIVIL ENGINEER DATE

2-22-11
 PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER
 K. H. DAHER
 No. C44510
 Exp. 3-31-12
 CIVIL
 STATE OF CALIFORNIA



GRADING QUANTITIES

	MINOR HMA TON	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) CY	ROADWAY EXCAVATION	
			REMOVE AC SURFACING CY	NATIVE SOIL EXCAVATION CY
TOTAL	38.2	13.6	61.0	55
			116*	

* ROADWAY EXCAVATION QUANTITY SHOWN INCLUDES GRADING FOR BUILDING PAD AND PCC APRON.

**LAYOUT
(GRADING PLAN)**

L-1

THIS PLAN ACCURATE FOR PCC GUTTER AND HMA GRADING ONLY

SCALE: 1" = 5'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: KAL DAHER
 CALCULATED/DESIGNED BY: JORGE AGUILERA
 CHECKED BY: KAL DAHER
 REVISED BY: JORGE AGUILERA
 DATE REVISED: KAL DAHER

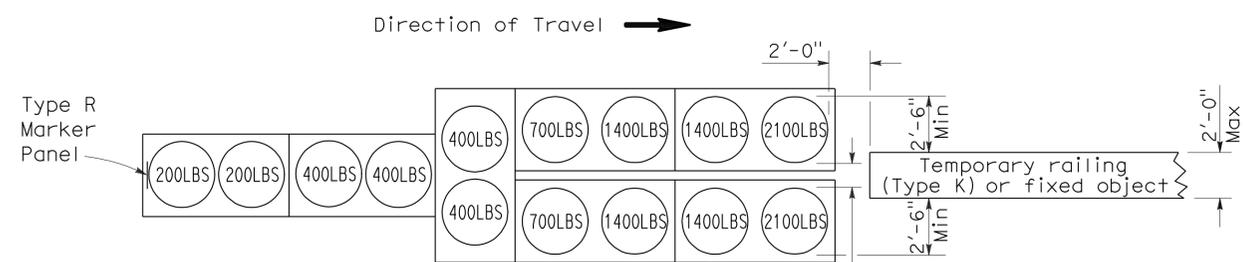
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		4	66

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

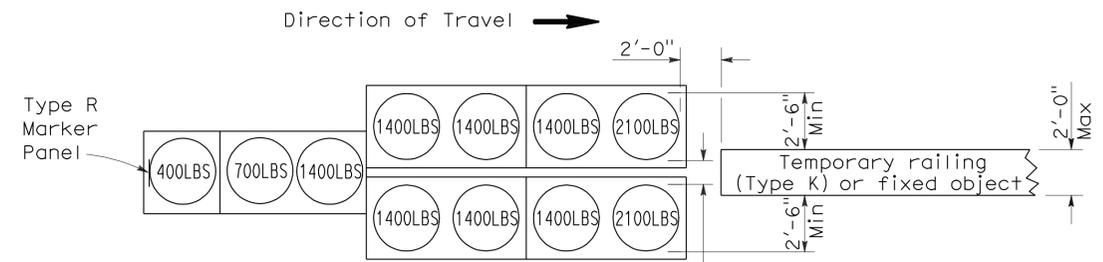
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 2-22-11



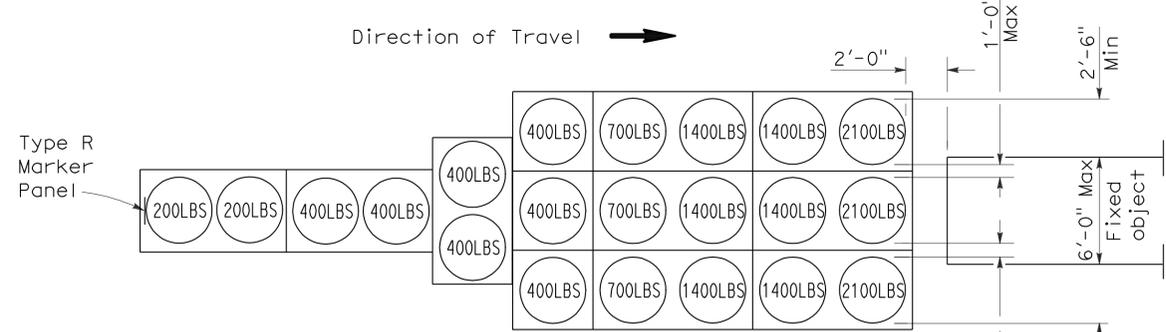
ARRAY 'TU14'

Approach speed 45 mph or more



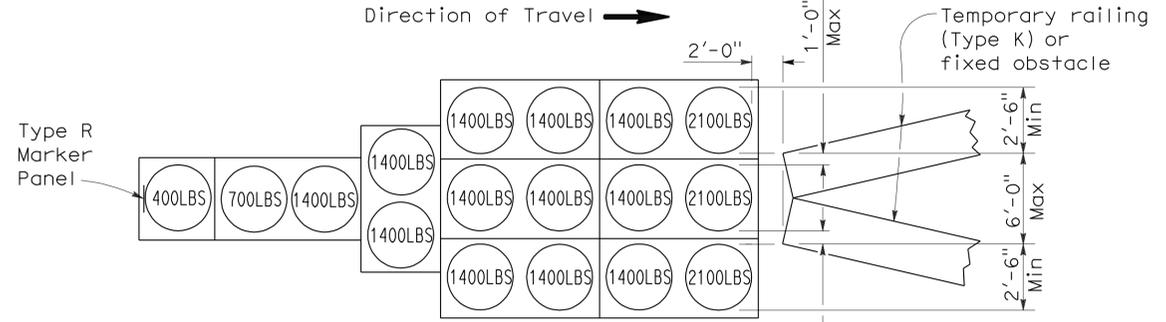
ARRAY 'TU11'

Approach speed less than 45 mph



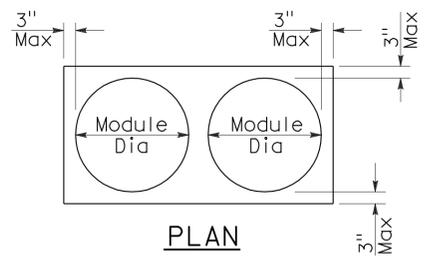
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Approach speed 45 mph or more

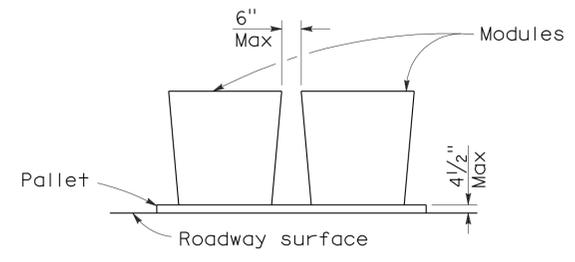


ARRAY 'TU17'

Approach speed less than 45 mph



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

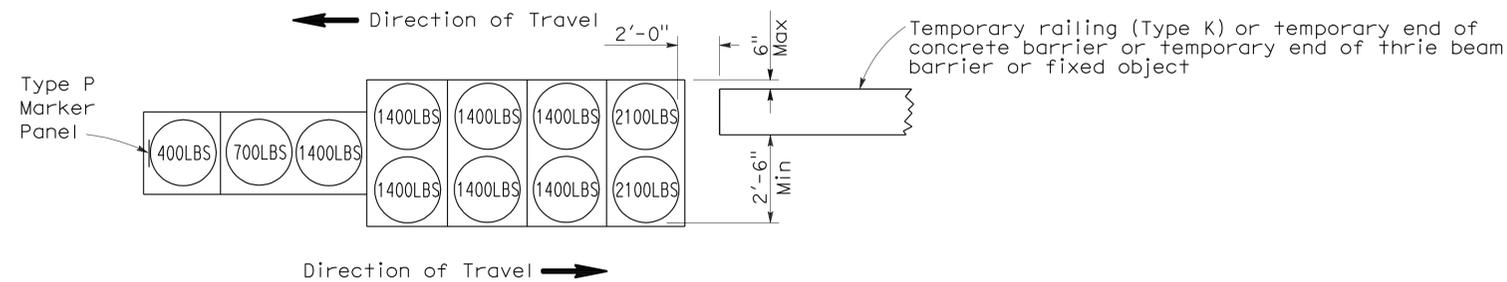
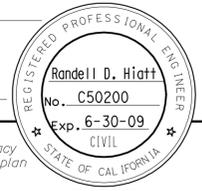
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		5	66

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

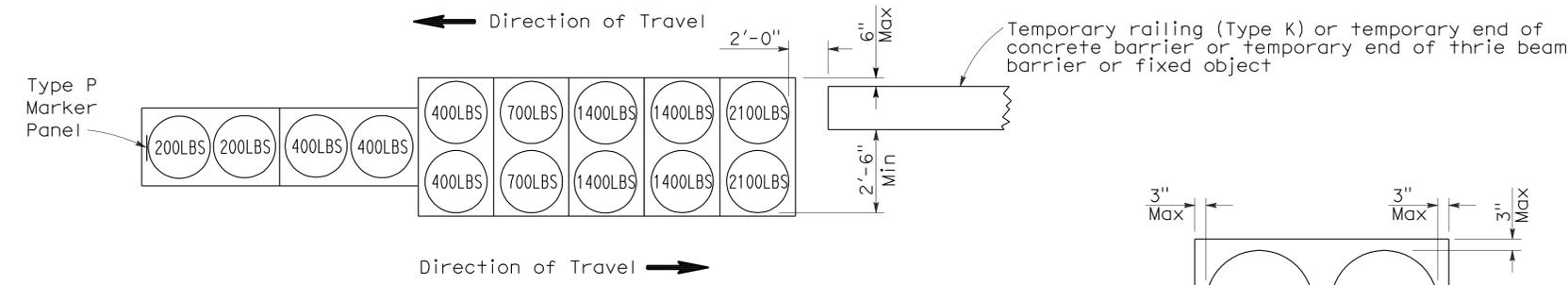
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 2-22-11



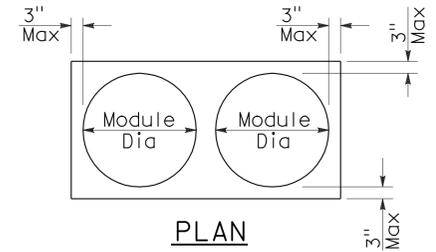
ARRAY 'TB11'

Approach speed less than 45 mph

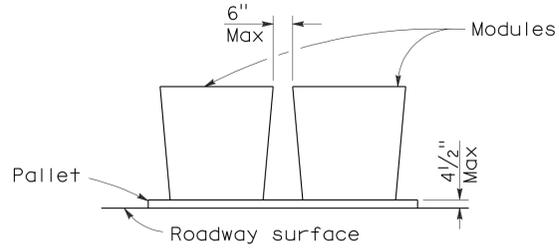


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

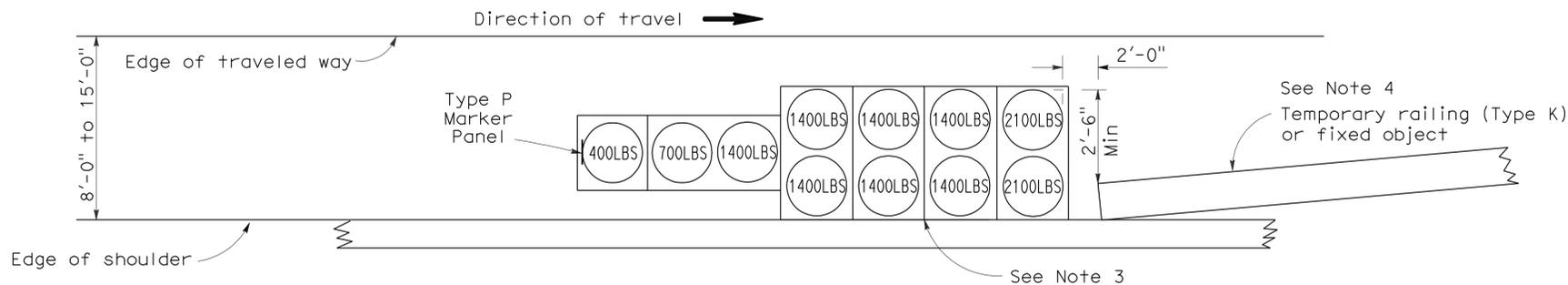
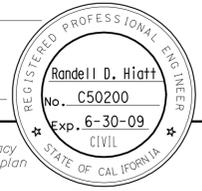
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		6	66

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

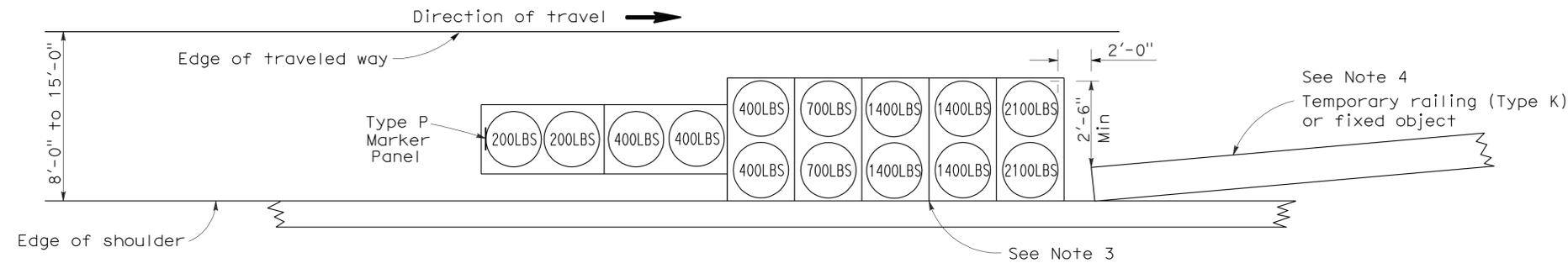
June 6, 2008
PLANS APPROVAL DATE

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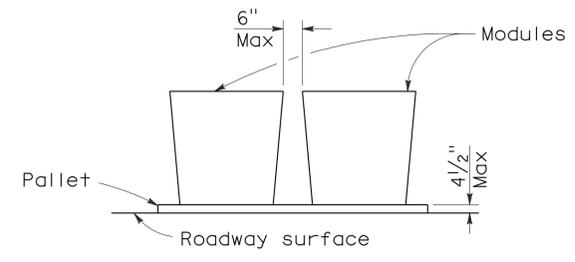
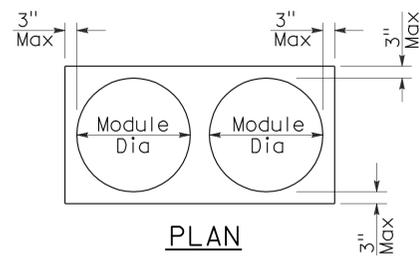
To accompany plans dated 2-22-11



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



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



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

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

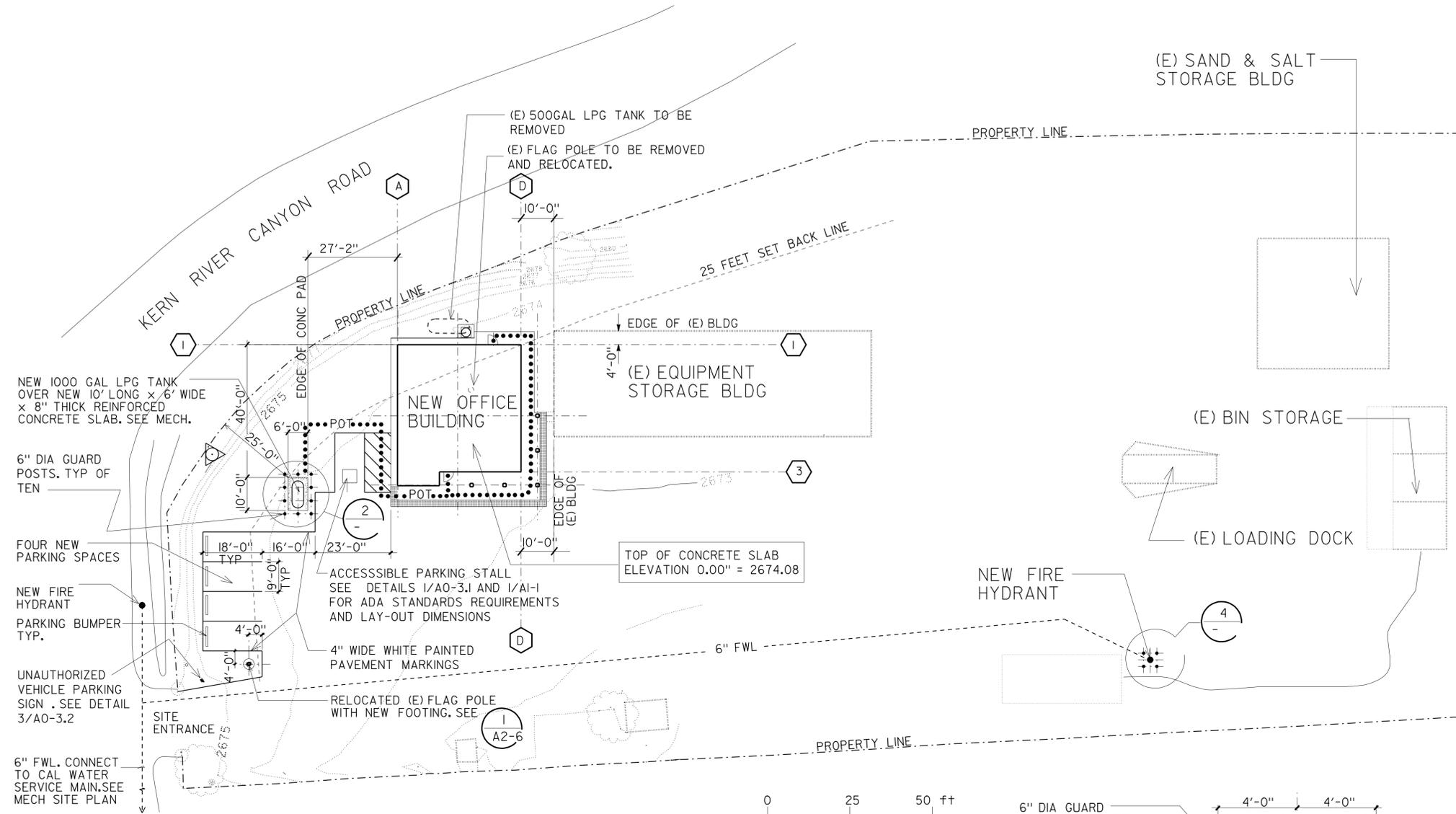
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

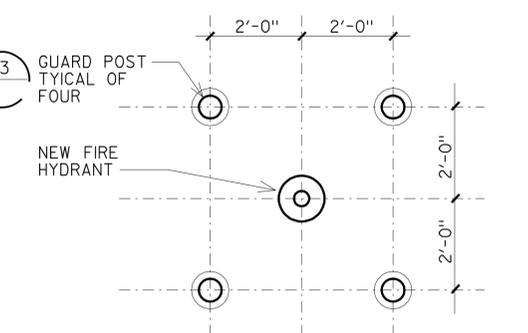
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

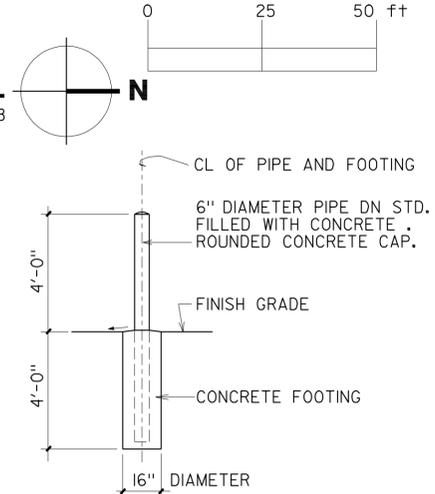
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		7	66
 LICENSED ARCHITECT			10/18/10 DATE		
2-22-11 PLANS APPROVAL DATE					
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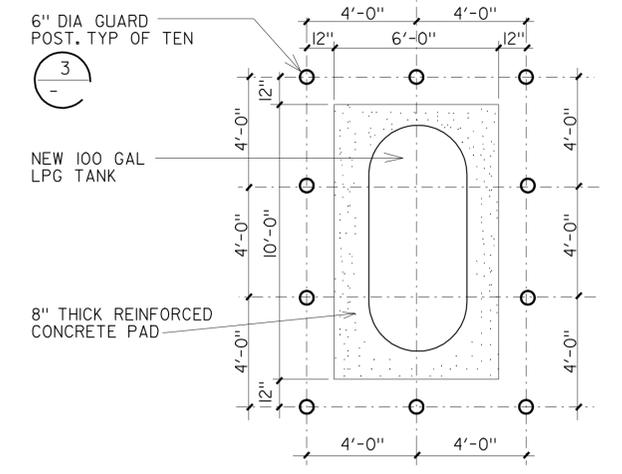
1 SITE PLAN
1" = 20'
TOP OF BUILDING PAD ELEVATION (TOCS) ELEVATION 0.00 = 2674.08



4 GUARD POST PLAN @ FIRE HYDRANT
NTS



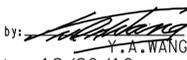
3 GUARD POST DETAIL
NTS

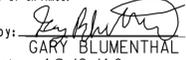


2 CONCRETE PAD PLAN @ NEW LPG TANK
NTS

ACCESSIBILITY NOTES

- PEDESTRIAN PATH OF TRAVEL (POT) FROM SITE ENTRANCE ON PROPERTY LINE TO NEW BLDG. IS NOT REQUIRED TO BE IN THE SCOPE OF WORK, AS NO PUBLIC TRANSPORTATION IS AVAILABLE ON THE ADJACENT STREET, AND THE ADJACENT STREET IS WITHOUT ANY SIDEWALK. ALL USERS AND ANY VISITOR SHALL ARRIVE BY PRIVATE VEHICLES ONLY.
- POTS FROM SITE ENTRANCE ON PROPERTY LINE TO (E) BLDGS./ FACILITIES NOT ALTERED UNDER THIS PROJECT ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK.
- POTS FROM NEW BLDG. TO (E) BLDGS./ FACILITIES NOT ALTERED UNDER THIS PROJECT ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK.
- POTS CONNECTING (E) BLDGS./ FACILITIES NOT ALTERED UNDER THIS PROJECT ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK.
- POTS INDICATED AT SITE PLAN SHALL BE THE MOST PRACTICAL DIRECT ROUTE BETWEEN NEW ACCESSIBLE PARKING AND ALL NEW EXTERIOR DOORS AT NEW BLDG, AS WELL AS THAT BETWEEN NEW ACCESSIBLE PARKING AND AN ACCESSIBLE POINT AT THE NEW LPG TANK. EXACT LOCATIONS OF POTS SHALL BE DETERMINED BY THE FIELD ENGINEER. THE CONTRACTOR SHALL VERIFY AND REMOVE ANY BARRIERS AT POT TO COMPLY WITH ALL THE ITEMS BELOW.
- POTS' SURFACE SHALL BE FIRM, STABLE, SLIP-RESISTANT, W/O LOOSE GRAVEL, SAND, CHIPS, ETC. ANY PLANTER/GRATE/COVER IN OR ADJACENT TO POTS SHALL REQUIRE EDGE PROTECTION OF MIN. 6" HIGH CURB IF LEVEL CHANGE BETWEEN POT AND PLANTER/GRATE/COVER EXCEEDS 4".
- IF ANY EXTERIOR POTS ARE LESS THAN 60" WIDE, THEN PASSING SPACE AT LEAST 60" X 60" SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'.
- EXTERIOR POTS SHALL BE MIN. 48" WIDE. ALL POTS SHALL HAVE MIN. 80" HEAD CLEARANCE, MAX. 5% SLOPE IN THE DIRECTION OF TRAVEL, MAX. 2% CROSS SLOPE, MAX. 1/2" LEVEL CHANGE W/MAX. 1:2 SLOPE. LEVEL CHANGE NOT EXCEEDING 1/4" MAY BE VERTICAL. ANY LEVEL CHANGE EXCEEDS 1/2" OR ANY SLOPE IN THE DIRECTION OF TRAVEL EXCEEDS 5% SHALL BE ACCOMMODATED BY CODE-COMPLIANT CURB RAMP OR RAMP.
- ALL DOORS SHALL HAVE CLEAR LEVEL AREAS ON BOTH SIDES OF DOORS W/MAX. 2% SLOPE IN ANY DIRECTION. CLEAR LEVEL AREA AT EXTERIOR DOOR FRONT APPROACH IN THE DIRECTION OF DOOR SWING SHALL BE MIN. 60" X 60" (INCLUDING MIN. 24" PASS DOOR STRIKE EDGE) FOR SINGLE DOOR, OR MIN 60" DEEP X DOUBLE-DOOR WIDTH FOR DOUBLE DOORS; AND MIN. 48" DEEP X 36" WIDE OPPOSITE DOOR SWING (PLUS MIN. 12" PASS DOOR STRIKE EDGE IF DOOR HAS BOTH LATCH AND CLOSER) FOR SINGLE DOOR, OR MIN 48" DEEP X DOUBLE-DOOR WIDTH FOR DOUBLE DOORS.
- CLEAR LEVEL AREA AT INTERIOR SINGLE DOOR FRONT APPROACH IN THE DIRECTION OF DOOR SWING SHALL BE MIN. 60" DEEP X 54" WIDE (INCLUDING MIN. 18" PASS DOOR STRIKE EDGE), AND MIN. 48" DEEP X 36" WIDE OPPOSITE DOOR SWING (PLUS MIN. 12" PASS DOOR STRIKE EDGE IF DOOR HAS BOTH LATCH AND CLOSER).
- LEVEL CHANGE AT THE DOORWAY, INCLUDING THRESHOLD THICKNESS, SHALL BE MAX. 1/2" W/MAX. 1:2 SLOPE. LEVEL CHANGE NOT EXCEEDING 1/4" MAY BE VERTICAL.
- AISLES FORMED BY EQUIPMENT / STORED MATERIALS / WALLS AT ANY ROOMS SHALL BE MIN. 36" WIDE IF SERVING ONE SIDE, AND MIN. 44" WIDE IF SERVING BOTH SIDES.

ACCESSIBILITY DESIGN APPROVAL STAMP
DOT / DES / OTA
PROJECT ID: **060000962**
Reviewed by: 
Date: 12/20/10

CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: 
Date: 12/9/10

CSFM FILE No. 01-15-11-0034

DESIGN SUPERVISOR 	DESIGNER GOFFREDO RIVECCIO	CHECKED BY WARREN LAI	SHEET LEGEND A-I ARCHITECTURAL ST-I STRUCTURAL M-I MECHANICAL EE-I ELECTRICAL W-I WATER SUPPLY SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703 POST MILE	BODFISH MAINTENANCE STATION OFFICE BUILDING GENERAL PLAN	SHEET GP-1
DESIGN ARCHITECT 	DRAWN BY GOFFREDO RIVECCIO	STRUCTURAL REVIEW WARREN LAI	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3582 0600009621	EA 0M4001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) - 01 XX-XX	SHEET OF X X
a0_01.dgn TAEMWW Imperial Rev. 7/10		24-FEB-2011 10:14		CSFM FILE NO. 01-15-11-0034				a0_01.dgn

ABBREVIATIONS

AB	ANCHOR BOLT	FD	FLOOR DRAIN	OA	OVERALL
AC	AIR COMPRESSOR	FDN	FOUNDATION	OC	ON CENTER
ACT	ACOUSTICAL TILE	FE	FIRE EXTINGUISHER	OD	OUTSIDE DIAMETER
ADJ	ADJUSTABLE	FEC	FIRE EXTINGUISHER CABINET	OH	OPPOSITE HAND
ADDL	ADDITIONAL	FHMS	FLATHEAD METAL SCREW	OPNG	OPENING
ALT	ALTERNATE	FHWS	FLATHEAD WOOD SCREW	PERF	PERFORATED
ALUM	ALUMINUM	FG	FINISH GRADE	PL	PROPERTY LINE
ARCH	ARCHITECTURAL	FIN	FINISH	PLAM	PLASTIC LAMINATE
ASPH	ASPHALT	FLR	FLOOR	PLAS	PLASTER
		FLUOR	FLUORESCENT	PLWD	PLYWOOD
BD	BOARD	FOC	FACE OF CONCRETE	PMF	PRESSED METAL FRAME
BITUM	BITUMINOUS	FOCS	FACE OF CONCRETE SLAB	POT(S)	PATH OF TRAVEL
BLDG	BUILDING	FOM	FACE OF MASONRY	PT	PRESERVATIVE TREATED
BLKG	BLOCKING	FOS	FACE OF STUD OR STEEL	PNT	PAINT FINISH
BM	BEAM	FRPP	FIBER REINFORCED PLASTIC PANEL	QT	QUARRY TILE
BOT	BOTTOM	FTG	FOOTING	QTY	QUANTITY
BTWN	BETWEEN	FWL	FIRE WATER LINE	R	RADIUS
BU	BUILT-UP	GA	GAUGE	RD	ROOF DRAIN
		GALV	GALVANIZED	REF	REFERENCE
C	CHANNEL	GB	GRAB BAR	REINF	REINFORCED
CAB	CABINET	GLM	GLUE LAMINATED MEMBER	REQD	REQUIRED
CB	CATCH BASIN	GR	GRADE	RFCP	REINFORCED FIBERGLASS CONCRETE PANEL
CIP	CAST-IN-PLACE	GYPBD	GYPSUM BOARD	RFEC	RECESSED FIRE EXTINGUISHER CABINET
CJ	CONTROL JOINT	GFRC	GLASS FIBER REINFORCED CONCRETE	RHWS	ROUNDHEAD WOOD SCREW
CL	CENTERLINE	HB	HOSE BIB	RM	ROOM
CLG	CEILING	HDR	HEADER	RO	ROUGH OPENING
CLR	CLEAR	HDWR	HARDWARE	R/W	RIGHT OF WAY
COL	COLUMN	HM	HOLLOW METAL	RSF	RIGID STEEL FRAME
COMP	COMPOSITION	HMA	HOT MIXED ASPHALT	S	SOUTH
CONC	CONCRETE	HORIZ	HORIZONTAL	SC	SOLID CORE
CONT	CONTINUOUS	HR	HOUR	SCHD	SCHEDULE
CT	CERAMIC TILE	HSB	HIGH STRENGTH BOLT	SH	METAL SHELVING
CTR	COUNTER	HT	HEIGHT	SHT	SHEET
CTSK	COUNTERSUNK	HVAC	HEATING VENTILATING AND AIR CONDITIONING	SHWR	SHOWER
				SIM	SIMILAR
DPT	DEPTH	HWY	HIGHWAY	SM	SQUARE METER
DBL	DOUBLE	ID	INSIDE DIAMETER	SND	SANITARY NAPKIN DISPOSAL
DD	DOWNDRAIN	ID	IDENTIFICATION	SPS	STRUCTURAL PLYWD SHEATHING
DF	DRINKING FOUNTAIN	INT	INTERIOR	SS	STAINLESS STEEL
DIA	DIAMETER	INSUL	INSULATION	STAG	STAGGERED
DIAG	DIAGONAL	JAN	JANITOR	STD	STANDARD
DIM	DIMENSION	JST	JOIST	STL	STEEL
DISP	DISPENSER	L	ANGLE	SUSP	SUSPENDED
DN	DOWN	LAM	LAMINATE	SYM	SYMETRICAL
DR	DOOR	LAV	LAVATORY	T&B	TOP AND BOTTOM
DS	DOWNSPOUT	LBF	POUND-FORCE	T&G	TONGUE AND GROOVE
DTL	DETAIL	MAT	MATERIAL	TEMP	TEMPORARY
DWG	DRAWING	MAX	MAXIMUM	TK	THICK
DWR	DRAWER	E	EAST	TIF	TRUCK INSPECTION FACILITY
		EA	EACH	TS	TUBE STEEL
(E)	EXISTING	MECH	MECHANICAL	THLD	THRESHOLD
E	EAST	MET	METAL	TYP	TYPICAL
EA	EACH	MFR	MANUFACTURER	TOCS	TOP OF CONCRETE SLAB
EEWSU	EMERGENCY EYE WASH SHOWER UNIT	MKBD	MARKER BOARD	TOP	TOP OF PLATE
		MIN	MINIMUM	TOCC	TOP OF CONCRETE CURB
EF	EXHAUST FAN	MISC	MISCELLANEOUS	TOS	TOP OF STEEL
EHD	ELECTRIC HAND DRYER	mm	MILLIMETER	TOF	TOP OF DOOR/WINDOW FRAME
EJ	EXPANSION JOINT	MO	MASONRY OPENING	UON	UNLESS OTHERWISE NOTED
EL	ELEVATION HEIGHT	MR	MOISTURE RESISTANT	UR	URINAL
ELECT	ELECTRICAL	MT	METAL THRESHOLD	VAR	VARIES
ELEV	ELEVATION	MTD	MOUNTED	VCT	VINYL COMPOSITION TILE
ELVR	ELEVATOR	MUL	MULLION	VERT	VERTICAL
EMER	EMERGENCY	MS	MOP SINK	VIF	VERIFY IN FIELD
EQ	EQUAL	N	NORTH	VTR	VENT THROUGH ROOF
EOS	EDGE OF SLAB	NA	NOT APPLICABLE	W	WEST
EQUIP	EQUIPMENT	NIC	NOT IN CONTRACT	W/	WITH
ESCL	ESCALATOR	No.	NUMBER	W/O	WITHOUT
EWC	ELECTRIC WATER COOLER	NTS	NOT TO SCALE	WC	WATER CLOSET
EXP	EXPANSION			WD	WOOD
EXT	EXTERIOR			WDW	WINDOW
EWC	ELECTRIC WATER COOLER			WDT	WIDTH
				WR	WATER RESISTANT

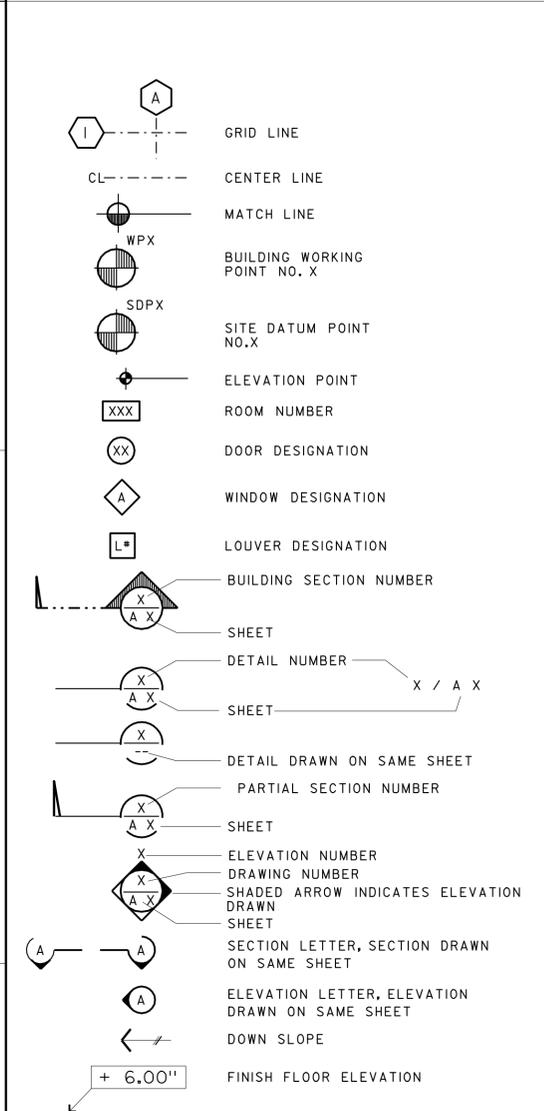
SHEET INDEX

ARCHITECTURAL	GP-1	GENERAL PLAN
	A0-1	NOT USED
	A0-2	ABBREVIATIONS, SHEET INDEX, BUILDING DATA
	A0-3.1	ACCESSIBILITY STANDARD DETAILS
	A0-3.2	ACCESSIBILITY STANDARD DETAILS
	A0-3.3	ACCESSIBILITY STANDARD DETAILS
	A0-3.4	ACCESSIBILITY STANDARD DETAILS
	A0-3.5	ACCESSIBILITY STANDARD DETAILS
	AI-1	FLOOR PLAN
	AI-2	SCHEDULES, DOOR AND WINDOW TYPES
	AI-3	ROOF PLAN, REFLECTED CEILING PLAN
	AI-4	BUILDING ELEVATIONS
	AI-5	SECTIONS
	AI-6	INTERIOR ELEVATIONS
	A2-1	DETAILS
	A2-2	DETAILS
A2-3	DETAILS	
A2-4	DETAILS	
A2-5	DETAILS	
A2-6	DETAILS	
STRUCTURAL	ST-1	LEGEND
	ST-2	CONCRETE STANDARD
	ST-3	TRACK AND STUD STANDARD DETAILS
	ST-4	TRACK AND STUD STANDARD DETAIL 2
	ST-5	TRACK AND STUD STANDARD DETAILS 3
	STI-0	DESIGN CRITERIA AND DETAIL NOTES
	STI-1	FOUNDATION FLOOR PLAN
	STI-2	ROOF PLAN
	STI-3	SECTION 3
	STI-4	SECTION DETAILS
	STI-5	SECTION DETAILS
	STI-6	CEILING PLAN AND ROOF DETAILS
	STI-7	FOOTINGS
	STI-8	FOOTINGS
	STI-9	ROOF SECTION DETAILS 3
	STI-10	ROOF SECTION DETAILS
STI-11	CEILING FRAMING DETAILS	
STI-12	ROOF CEILING DETAILS	
STI-13	ROOF SECTION DETAILS 2	
STI-14	ROOF SECTION DETAILS	
STI-15	ROOF DETAILS	
STI-16	ROOF DETAILS	
MECHANICAL	M-0	LEGEND
	M-1	SITE PLAN
	M-1.5	TITLE 24 COMPLIANCE CERTIFICATES
	M-2	PLUMBING FLOOR PLAN
	M-3	PLUMBING FLOOR PLAN
	M-4	ISOMETRIC PLUMBING PLAN
	M-5	ISOMETRIC PLUMBING PLAN
	M-6	HVAC PLAN
	M-7	DUCT ISOMETRIC DETAILS
	M-8	MISC. MECHANICAL DETAILS
M-9	LPG TANK AND DETAILS	
ELECTRICAL	EE-0	LEGEND
	EE-1	TITLE 24 COMPLIANCE NO.1
	EE-2	TITLE 24 COMPLIANCE NO.2
	EE-3	PARTIAL SITE PLAN
	EE-4	POWER PLAN
	EE-5	LIGHTING PLAN
	EE-6	LIGHTING DETAILS
	EE-7	COMMUNICATION PLAN

SCOPE OF PROJECT

THE SCOPE OF PROJECT CONSIST IN THE COSTRUCTION OF NEW 1,502 SF OFFICE BUILDING ADDITION TO THE EXISTING 2,860 SF EQUIPMENT STORAGE BUILDING . A NEW 1000 gal LPG TANK SHALL REPLACE THE (E) 500 gal LPG TANK AND THE EXISTING FLAG POLE SHALL BE REMOVED AND RELOCATED WITH A NEW FOOTING. THE SCOPE ALSO INCLUDES THE INSTALLATION OF TWO NEW FIRE HYDRANTS WITH A NEW 6" FWL CONNECTED TO THE CITY WATER MAIN.

GRAPHIC SYMBOLS



GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL CONTROLLING DIMENSIONS AND FIELD CONDITIONS BEFORE ORDERING OR FABRICATING ANY MATERIALS OR ASSEMBLIES.
- ALL THE BUILDING WORK SHALL COMPLY WITH THE FOLLOWING CODES :
 2007 CALIFORNIA BUILDING CODE
 2007 CALIFORNIA ENERGY CODE (CES-T24)
 2007 CALIFORNIA FIRE CODE
 2007 CALIFORNIA MECHANICAL CODE
 2007 CALIFORNIA PLUMBING CODE
 2007 CALIFORNIA ELECTRICAL CODE
 AND CURRENT EDITION OF AMERICANS WITH DISABILITIES ACT

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		8	66

10/18/10 DATE

LICENSED ARCHITECT

2-22-11 PLANS APPROVAL DATE

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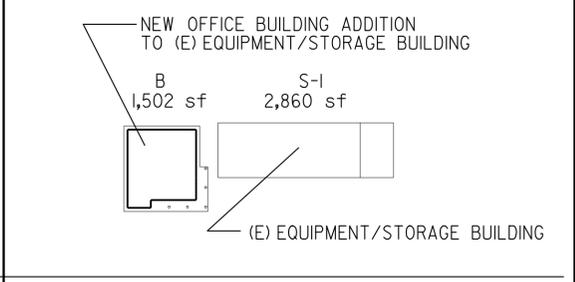
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0600000962	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Y.A. WANG Date: 12/20/10	Reviewed by: <i>[Signature]</i> GARY BLUMENTHAL Approval date: 12/9/10

BUILDING DATA

DESIGN PER CBC SECTION 508.3.2 NON SEPARATED OCCUPANCIES

BUILDING CONSTRUCTION TYPE _____ V B
 OCCUPANCY CLASSIFICATION _____ S-1 / B
 NUMBER OF STORIES _____ 1
 ACTUAL BUILDING HEIGHT _____ 30'-0"
 ALLOWABLE BUILDING HEIGHT _____ 40'-0"
 BUILDING AREA (EXISTING BLDG) _____ 2,860 SF
 BUILDING AREA (NEW ADDITION ONLY) _____ 1,502 SF
 TOTAL BUILDING AREA _____ 4,362 SF
 ALLOWABLE AREA PER C.B.C. _____ 9,000 SF
 AREA INCREASE _____ NO
 FIRE SPRINKLERED _____ NO
 FIRE ALARM _____ NO
 OTHER FIRE PROTECTION SYSTEMS :
 FIRE HYDRANT _____ YES
 SMOKE CONTROL SYSTEM _____ NO
 OCCUPANCY LOAD _____ 15

CODE ANALYSIS



MIXED OCCUPANCIES			
	ACTUAL BLDG AREA	ALLOWABLE AREA	AREA INCREASE
S-1	2,860 sf	9,000 sf	NA
B	1,502 sf	9,000 sf	NA
$\frac{1,502 \text{ sf}}{9,000 \text{ sf}} + \frac{2,860 \text{ sf}}{9,000 \text{ sf}} = 0.16 + 0.31 = 0.47 <$			

DESIGN BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET A0-2
DETAILS BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3582 06000009621	POST MILE	ABBREVIATIONS, SHEET INDEX, BUILDING DATA	
QUANTITIES BY DAVE FORBES	CHECKED KEVIN OKINO	EA 0M4001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		

24-FEB-2011 10:08

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		9	66

		01-02-10
LICENSED ARCHITECT		DATE

2-22-11	
PLANS APPROVAL DATE	

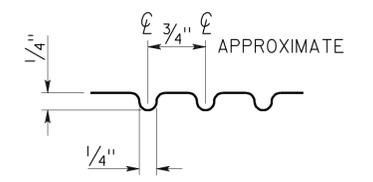
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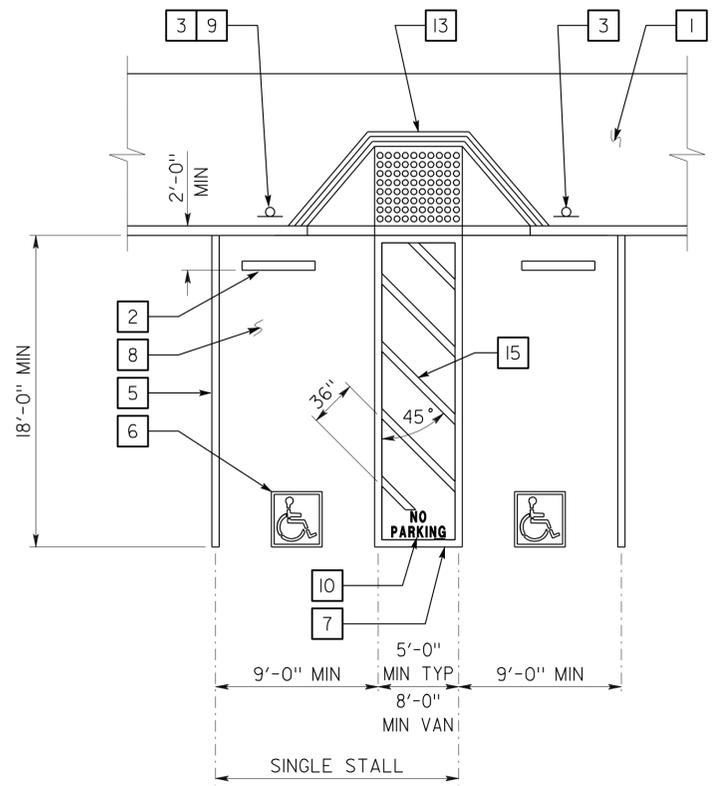
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA	CALIFORNIA STATE FIRE MARSHAL APPROVED
PROJECT ID 0600000962	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: Y.A. WANG Date: 12/20/10	Reviewed by: GARY BLUMENTHAL Approval date: 12-9-10

KEYED NOTE LEGEND FOR DETAILS 1 & 2

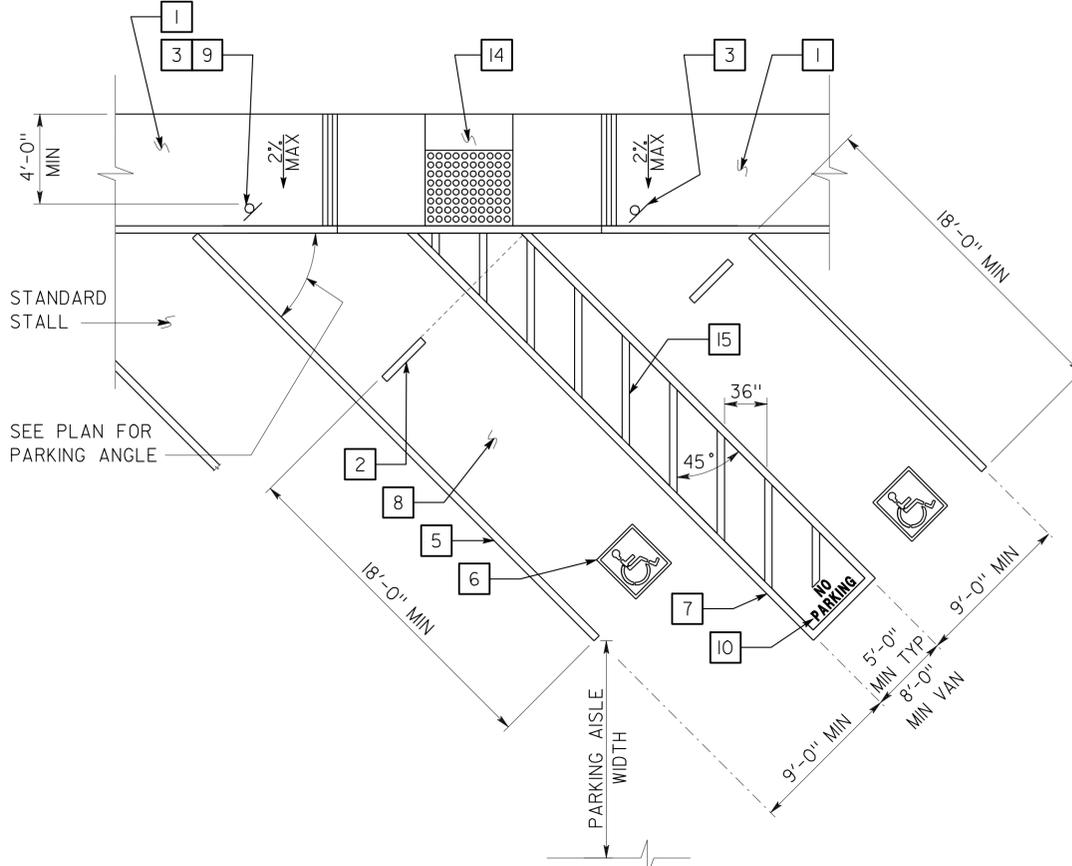
- CONCRETE WALKWAY (WHERE OCCURS) SEE PLANS FOR WIDTH, LAYOUT (MAY VARY), FINISH, JOINTS AND ELEVATIONS.
- PARKING BUMPER (AWAY FROM ACCESS AISLE). SEE SPECIFICATIONS.
- ACCESSIBLE PARKING SPACE SIGNAGE SEE DETAIL 1 ON SHEET AO-3.2.
- 1' WIDE GROOVED BORDER ON LEVEL SURFACE TYP AT RAMP PERIMETER. SEE DETAIL 3 ON THIS SHEET.
- 4" WIDE WHITE PARKING STALL DESIGNATION STRIPE. SEE SITE PLAN(S) FOR ADDITIONAL STALL STRIPING. SEE SPECIFICATIONS FOR PAINTING.
- ACCESSIBLE PARKING SURFACE IDENTIFICATION PAINTED ON PAVEMENT. SEE DETAIL 6 ON SHEET AO-3.2.
- 4" WIDE BLUE BORDER DESIGNATION NON-PARKING ACCESS AISLE TO CURB RAMP
- MAXIMUM SLOPE ON PARKING STALL PAVED AREA TO BE 2%.
- VAN ACCESSIBLE SIGNAGE. SEE DETAIL 2 ON SHEET AO-3.2. ACCESS AISLE SHALL BE ON PASSENGER SIDE ONLY.
- "NO PARKING" IN MIN 12" HIGH WHITE LETTERS TO BE PLACED WITHIN ACCESS AISLE TO CURB RAMP SEE DETAIL 7 ON SHEET AO-3.2.
- LEVEL LANDING - 2% MAX SLOPE W/ 36" DEEP DETECTABLE WARNINGS ADJOINING ACCESS AISLE OR VEHICULAR WAY. SEE DETAIL 6 ON THIS SHEET
- DETECTABLE WARNING TO EXTEND FULL WIDTH AND DEPTH OF CURB RAMP. SEE DETAIL 6 ON THIS SHEET.
- CURB RAMP. SEE DETAIL 4 ON THIS SHEET. ALSO SEE PLANS FOR WIDTH AND LAYOUT (MAY VARY).
- CURB RAMP. SEE DETAIL 5 ON THIS SHEET. ALSO SEE PLANS FOR WIDTH AND LAYOUT (MAY VARY).
- 4" WIDE WHITE HATCHED LINES TO CONTRAST WITH ASPHALT SURFACE. USE BLUE HATCHED LINES FOR LIGHT-COLOR CONCRETE SURFACE.



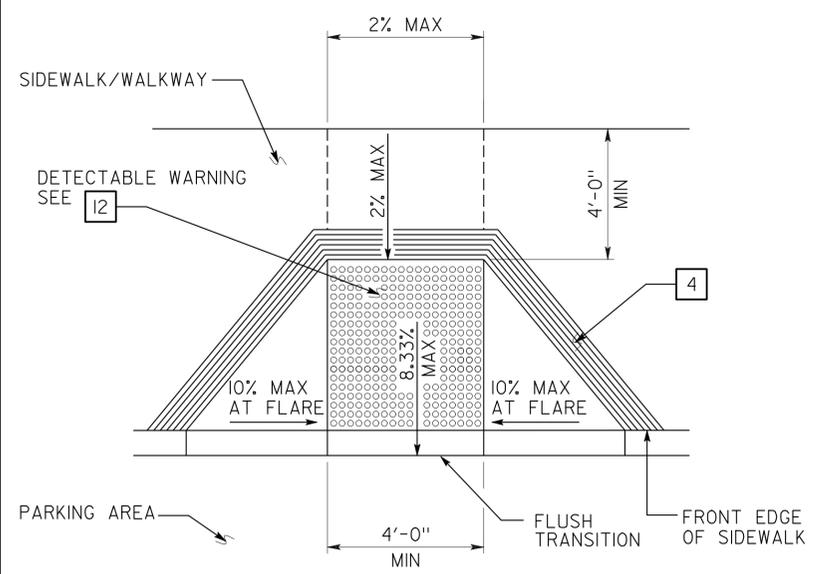
3 GROOVE DETAIL



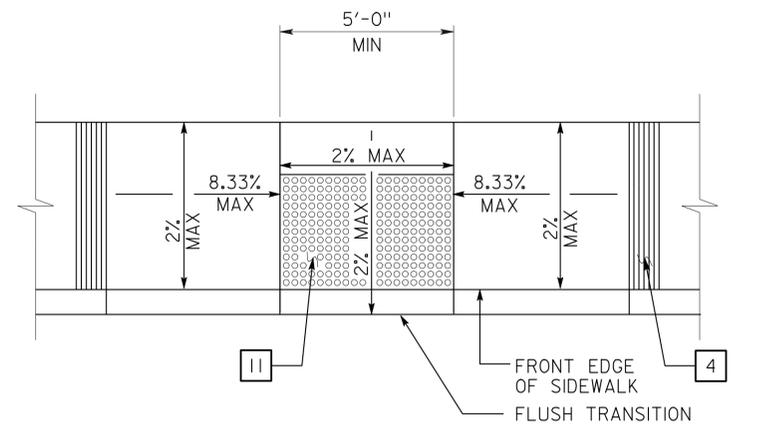
1 ACCESSIBLE PARKING STALL



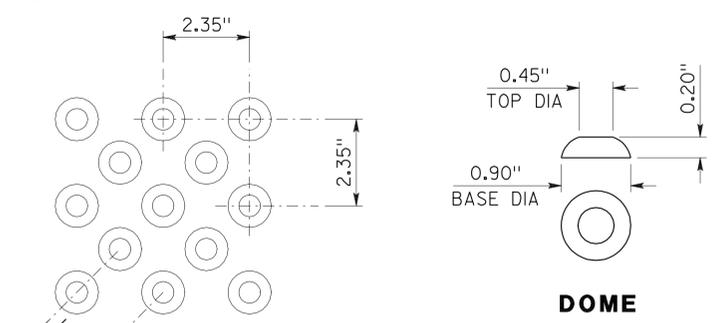
2 DIAGONAL ACCESSIBLE PARKING STALL
SEE PLAN FOR ANY VARIATION OF DIAGONAL PARKING



4 PERPENDICULAR CURB RAMP



5 PARALLEL CURB RAMP



6 DETECTABLE WARNING - TRUNCATED DOMES

OFFSET PATTERN SHOWN MAY BE RE-ORIENTED INTO IN-LINE PATTERN WHERE DOMES ARE ALIGNED IN THE DIRECTION OF TRAVEL. DOME DIMENSIONS ARE NOMINAL, WHICH MAY BE WITHIN ±0.05" FOR DOME SPACING, AND ±0.02" FOR OTHERS.

DETAILS
NO SCALE UNLESS OTHERWISE NOTED

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

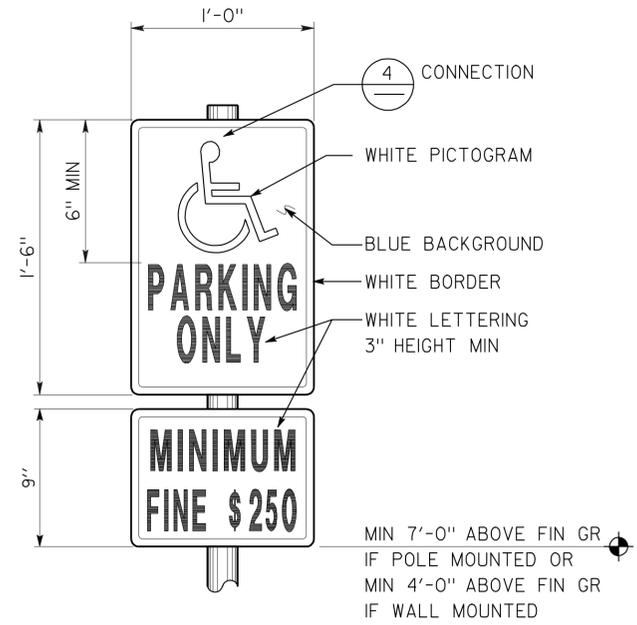
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FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED	CALIFORNIA		ARCHITECTURAL		50M5703		OFFICE BUILDING		A0-3.1	
DRAWING DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION		AND STRUCTURAL DESIGN		POST MILE		ACCESSIBILITY		ACCESSIBILITY STANDARD DETAILS	
SUBMITTED BY Y.A. WANG													
g0_03.1.dgn				CSFM FILE NO. 01-15-11-0034		UNIT 3582		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
TAEMWW Imperial Rev. 7/10				24-FEB-2011 10:08		PROJECT NUMBER & PHASE 06000009621		EA 0M4001		- 07		OF	

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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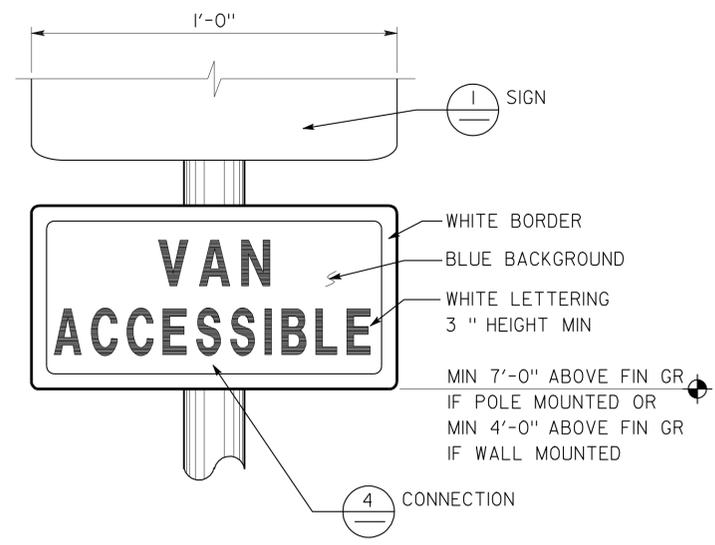
<i>Y.A. Wang</i>	01-02-10	
LICENSED ARCHITECT	DATE	

2-22-11
PLANS APPROVAL DATE

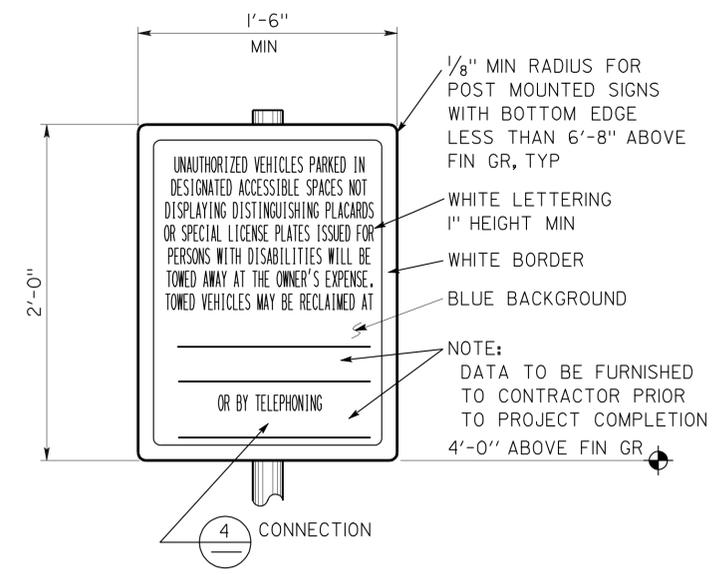
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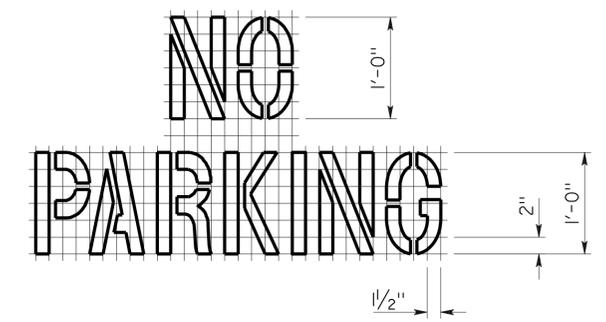
1 ACCESSIBLE PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
COMBO SIGN MAY BE USED



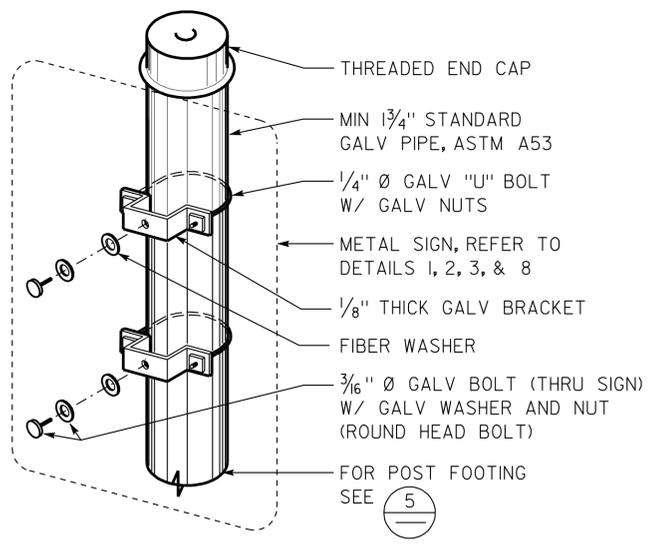
2 ACCESSIBLE VAN PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
VAN ACCESSIBLE COMBO SIGN AND SEPARATE FINE PLAQUE MAY BE USED



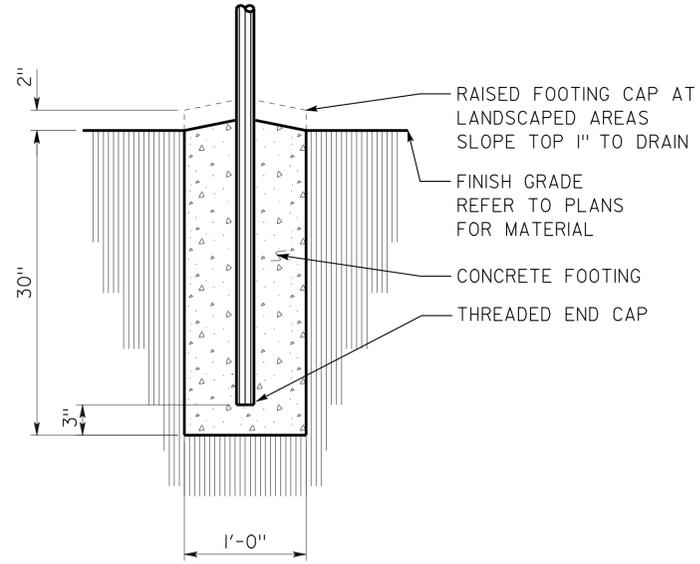
3 UNAUTHORIZED VEHICLES PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
COLORS MAY VARY



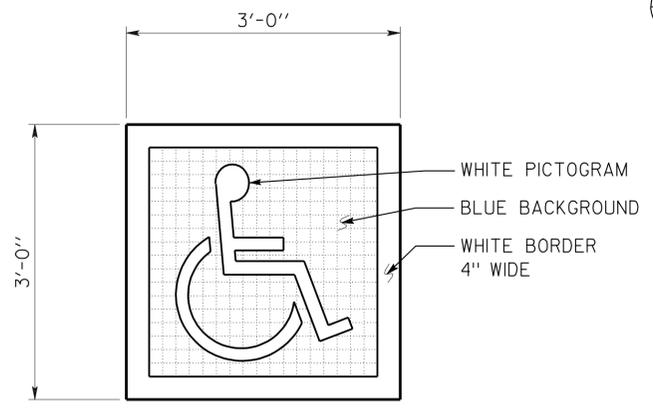
7 ACCESS AISLE PAVEMENT MARKING



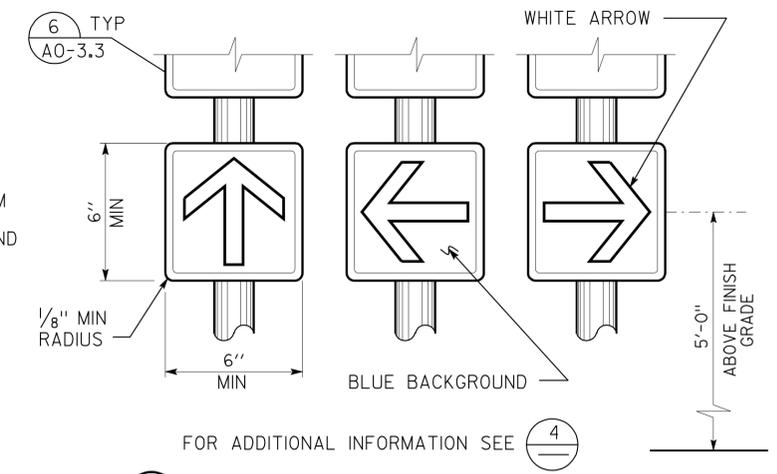
4 SIGN CONNECTION



5 SIGN POST FOOTING



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



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

DETAILS
NO SCALE UNLESS OTHERWISE NOTED

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

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN		BRIDGE NO. 50M5703 POST MILE		BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET NO. A0-3.2	
FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED <i>R.E. Travia</i>	DEPARTMENT OF TRANSPORTATION		PROJECT NUMBER & PHASE 3582 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES		ACCESSIBILITY ACCESSIBILITY STANDARD DETAILS		SHEET OF	
DATE 01-10				SUBMITTED BY Y.A. WANG		DESIGN SUPERVISOR		REVISION DATES (PRELIMINARY STAGE ONLY)		- 07		SHEET OF	

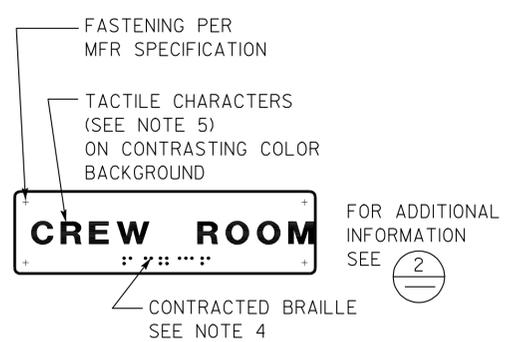
CSFM FILE NO. 01-15-11-0034 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 UNIT PROJECT NUMBER & PHASE 3582 06000009621 DISREGARD PRINTS BEARING EARLIER REVISION DATES

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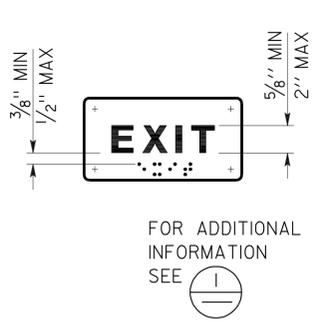
<i>Y.A. Wang</i>	01-02-10	
LICENSED ARCHITECT	DATE	

2-22-11
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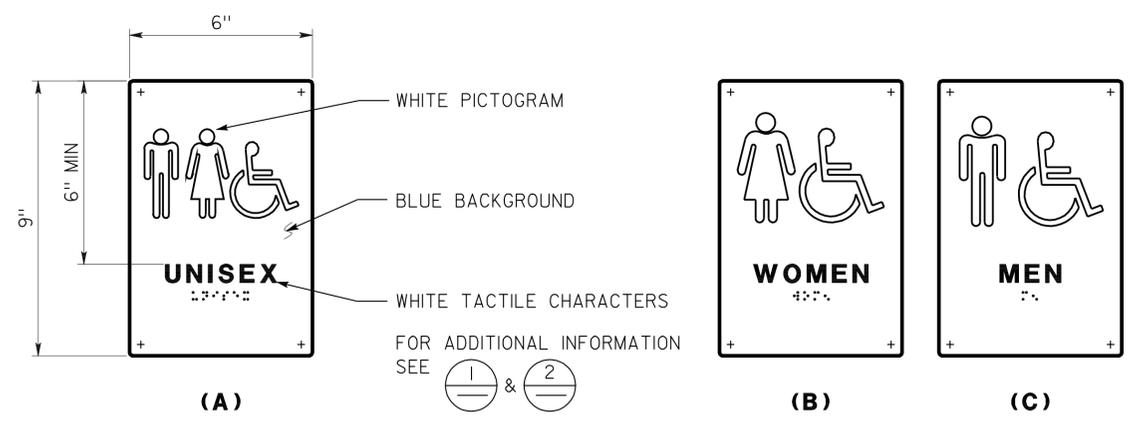
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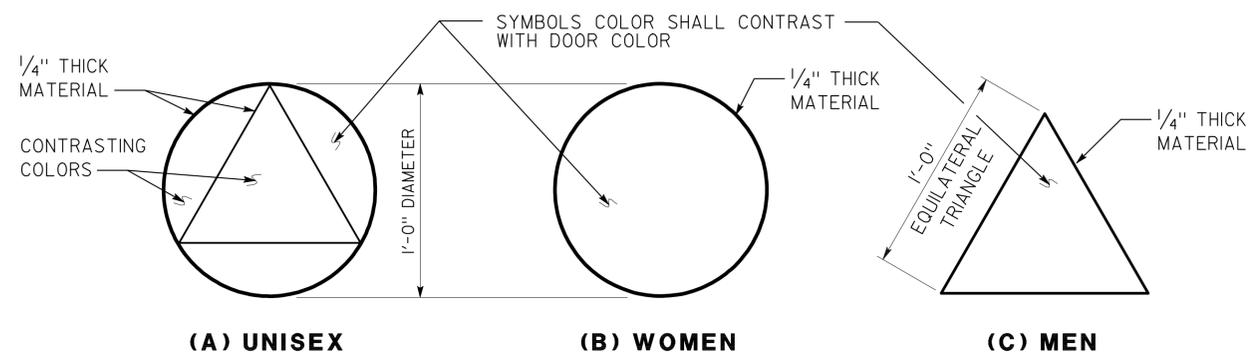
1 ROOM IDENTIFICATION SIGN
 INSTALL PER DETAIL 5
 TEXT VARIES
 SEE PLANS, EXT ELEVATIONS, OR DOOR SCHEDULE FOR LOCATIONS AND TEXT
 SEE DETAIL 7 FOR TEXT MOUNTING HEIGHT



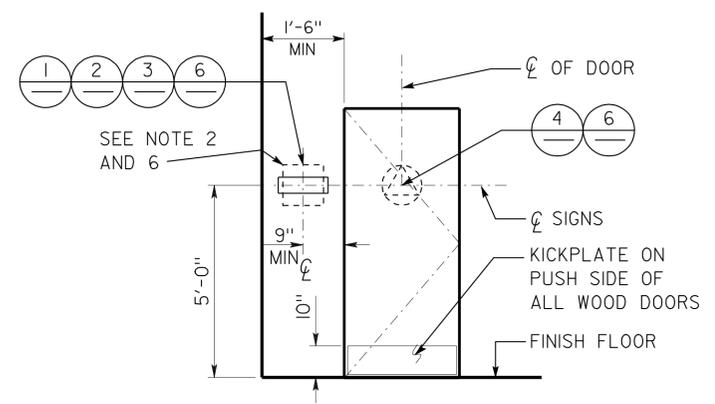
2 INTERIOR EXIT SIGN
 INSTALL PER DETAIL 5
 TEXT MAY VARY
 SEE PLANS, OR DOOR SCHEDULE FOR LOCATIONS AND TEXT
 SEE DETAIL 7 FOR TEXT MOUNTING HEIGHT



3 RESTROOM SIGNS
 INSTALL PER DETAIL 5
 SEE DETAIL 7 FOR TEXT MOUNTING HEIGHT

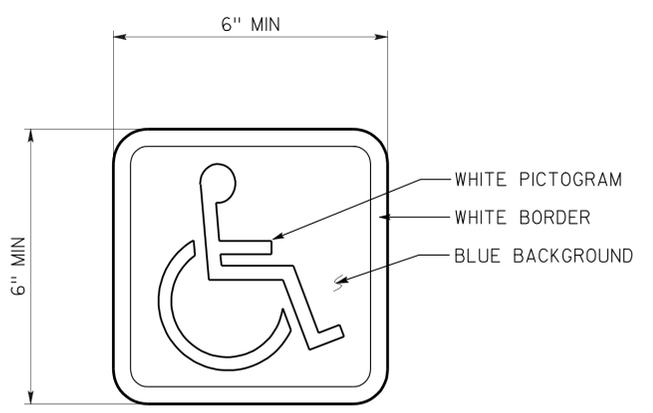


4 RESTROOM IDENTIFICATION SYMBOLS
 INSTALL PER DETAIL 5
 ANY PICTOGRAM AND TEXT ARE NOT REQUIRED

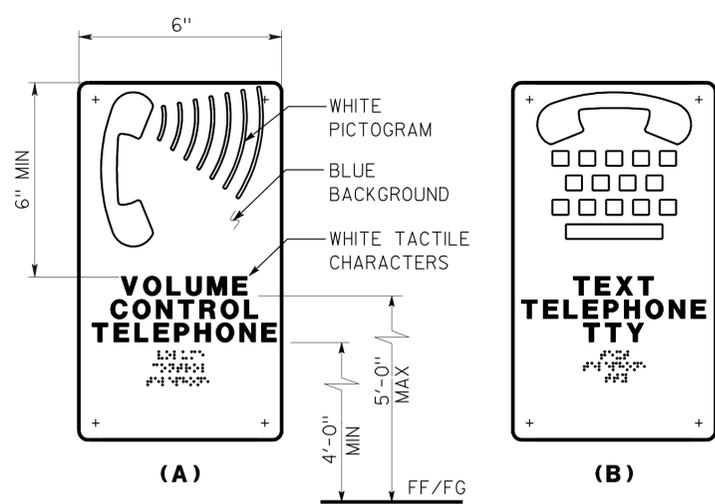


5 SIGN LOCATIONS
 REFER TO SIGNAGE NOTES FOR ADDITIONAL INFORMATION

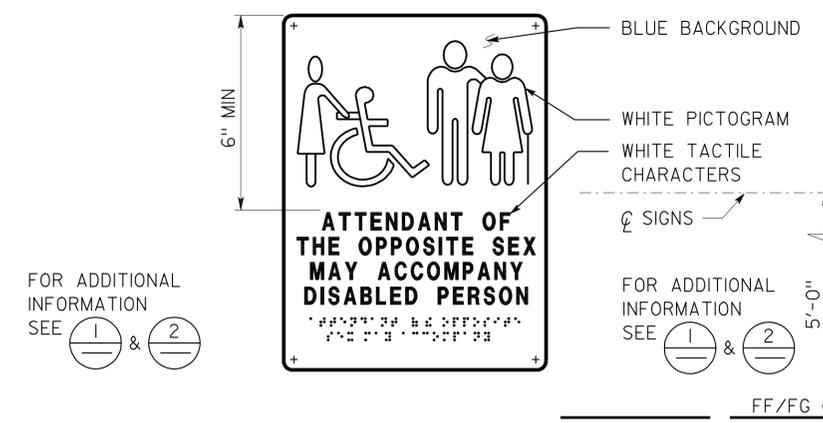
- SIGNAGE NOTES:**
- LOCATE ROOM IDENTIFICATION SIGNS, EXIT SIGNS, AND RESTROOM SIGNS ON WALL ADJACENT TO DOOR ON LATCH SIDE. IF WALL SPACE IS NOT AVAILABLE ON LATCH SIDE, LOCATE ON NEAREST ADJACENT WALL.
 - REFER TO SPECIFICATIONS FOR SIGN MATERIAL AND OTHER COLOR SELECTION. EXCEPT DETAIL 6, SIGN COLORS MAY VARY FROM DETAILS.
 - SEE DOOR SCHEDULE FOR TEXT AND SIGN LOCATIONS, UON.
 - CONTRACTED BRAILLE: DOTS SHALL BE 1/10" OC IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND. DOTS SHALL BE DOMED OR ROUNDED.
 - TACTILE CHARACTERS SHALL BE UPPERCASE SANS SERIF RAISED 1/32" MIN WITH A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10.
 - PROVIDE 18"x18" MIN CLEAR FLOOR SPACE IN FRONT OF AND CENTERED ON THE SIGN.



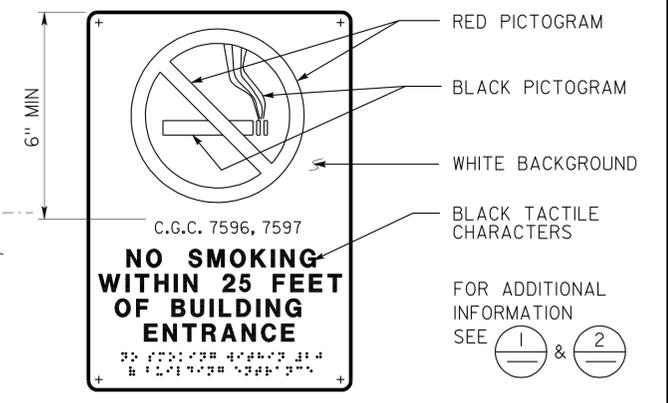
6 INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN
 INSTALL PER DETAIL 5
 SEE PLANS, EXT ELEVATIONS, OR SCHEDULE FOR SIGN LOCATIONS
 SIGN MAY BE ON DOORS OR WALLS.
 DECAL MAY BE USED ON SMOOTH SURFACE



7 TELEPHONE SIGNS
 TEXT MAY VARY
 SEE PLANS OR EXT ELEVATIONS FOR SIGN LOCATIONS AND MOUNTING HEIGHTS



8 RESTROOM ACCOMPANY SIGN
 SEE PLANS OR ELEVATIONS FOR LOCATIONS
 SEE DETAIL 7 FOR TEXT MOUNTING HEIGHT



9 NO SMOKING SIGN
 SEE PLANS OR EXTERIOR ELEVATIONS FOR LOCATIONS
 SEE DETAIL 7 FOR TEXT MOUNTING HEIGHT

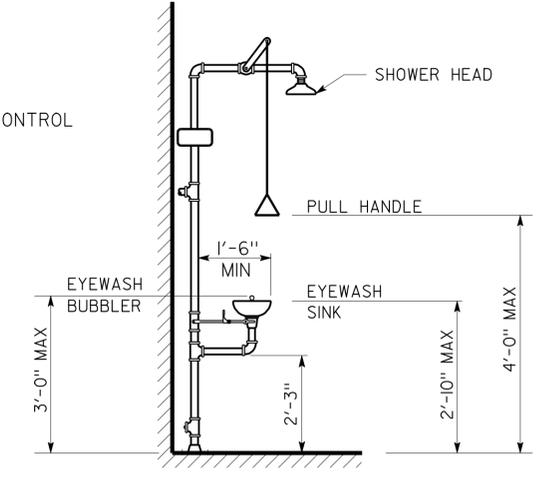
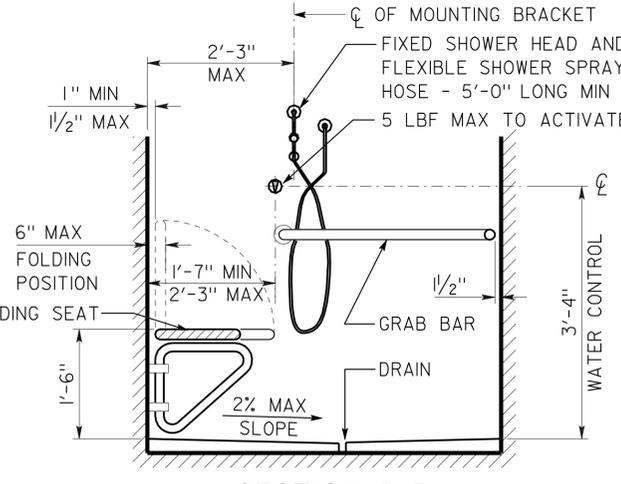
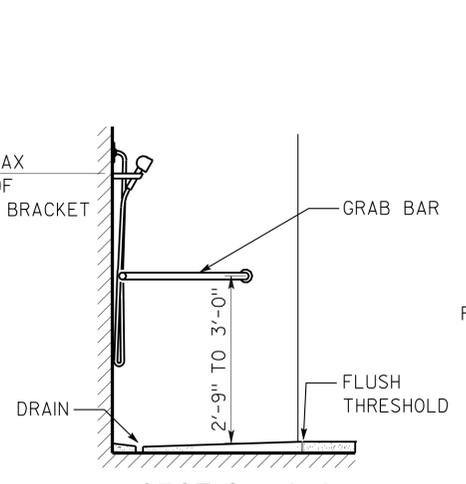
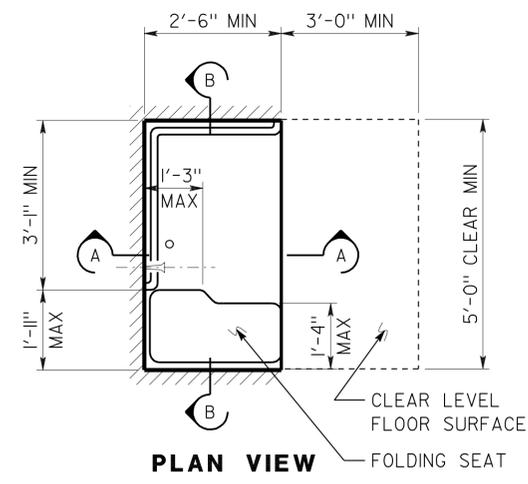
DETAILS
 NO SCALE UNLESS OTHERWISE NOTED

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

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO. 50M5703		BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET A0-3.3			
FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED <i>Y.A. Wang</i>	DEPARTMENT OF TRANSPORTATION		ARCHITECTURAL AND STRUCTURAL DESIGN		POST MILE		ACCESSIBILITY ACCESSIBILITY STANDARD DETAILS		SHEET OF			
DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT PROJECT NUMBER & PHASE 3582 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF			
TAEMWW Imperial Rev. 7/10 24-FEB-2011 10:08				CSFM FILE NO. 01-15-11-0034				EA 0M4001				- 07			

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		12	66

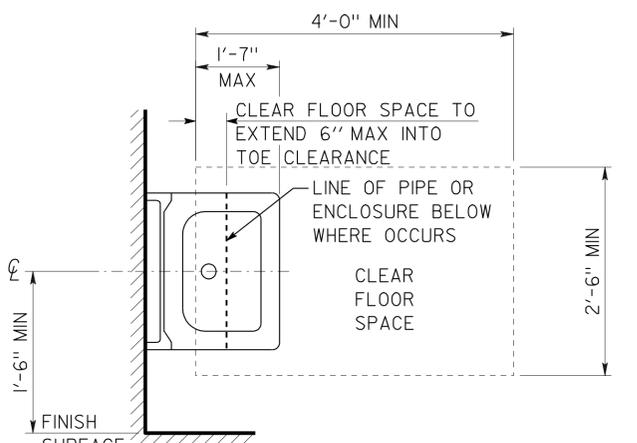
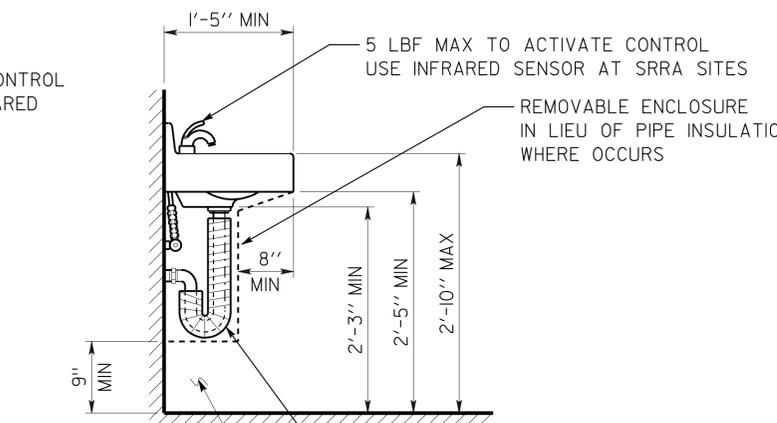
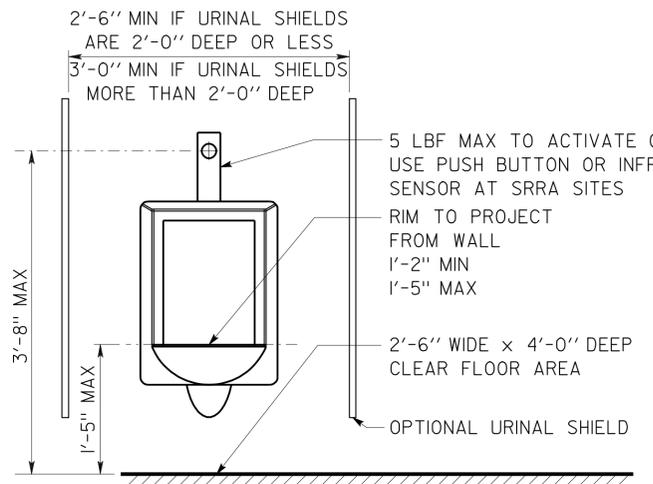
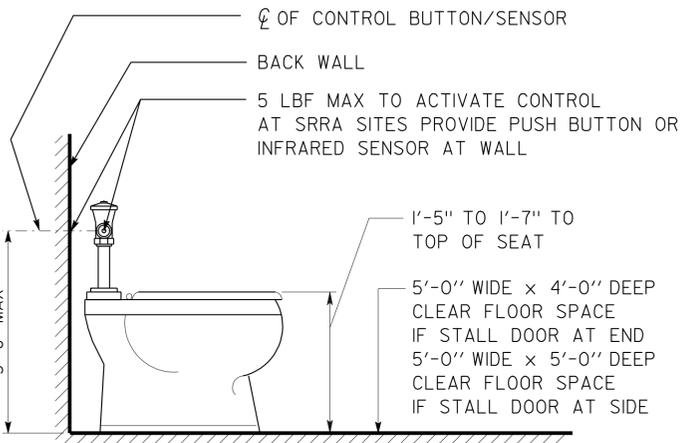
 LICENSED ARCHITECT DATE 01-02-10		
2-22-11 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.		



1 SHOWER STALL
OMIT AT SRRA SITES

2 EMERGENCY EYEWASH/SHOWER
NO SCALE

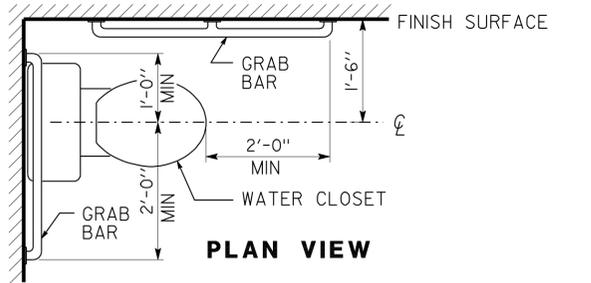
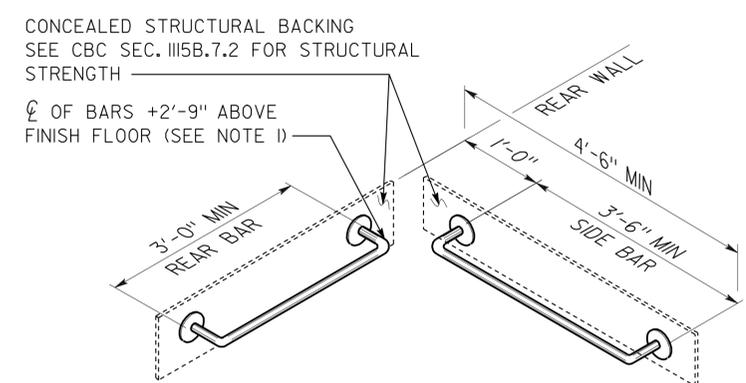
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0600000962 Reviewed by:  Y.A. WANG Date: 12/20/10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by:  GARY BLUMENTHAL Approval date: 12-9-10
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3 WATER CLOSET
SEE SPEC FOR FIXTURE TYPE

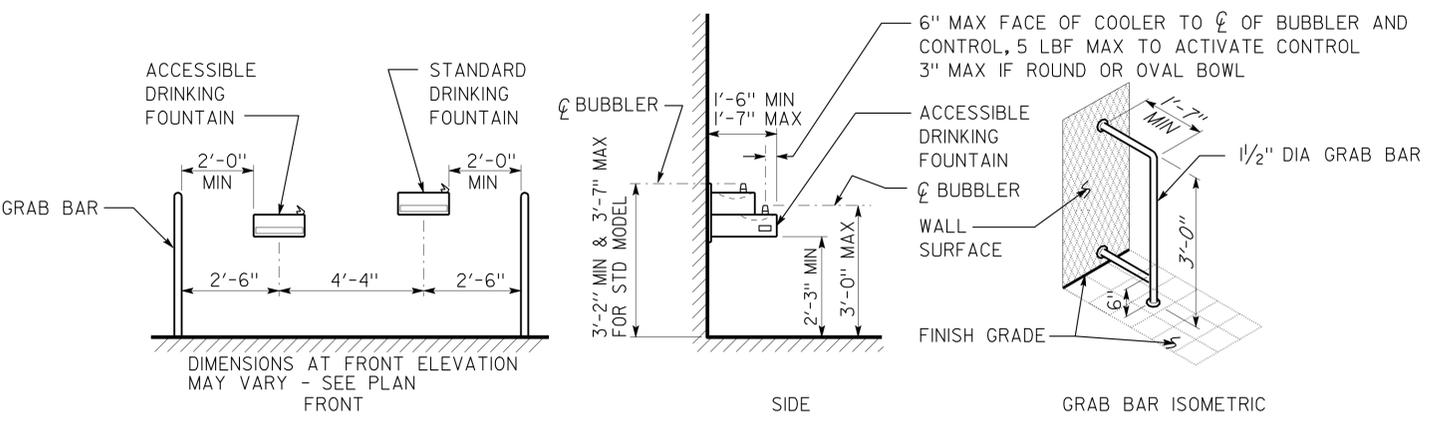
4 URINAL

5 LAVATORY



GRAB BAR NOTE:

- IF TANK TYPE TOILET IS USED, TOP OF REAR BAR MAY BE SET TO 3'-0" MAX ABOVE FINISH FLOOR. SIDE BAR TO REMAIN AS SHOWN ABOVE.
- GRAB BARS TO BE 1 1/4" TO 1 1/2" DIAMETER WITH CLEAR SPACE OF 1 1/2" TO SMOOTH WALL SURFACE.



6 GRAB BARS/ WATER CLOSET

7 ELECTRIC WATER COOLER
FOR PROJECTS WITH APPROVED UNREASONABLE HARDSHIPS ONLY
FIXTURE TYPE MAY VARY

DETAILS
NO SCALE UNLESS OTHERWISE NOTED

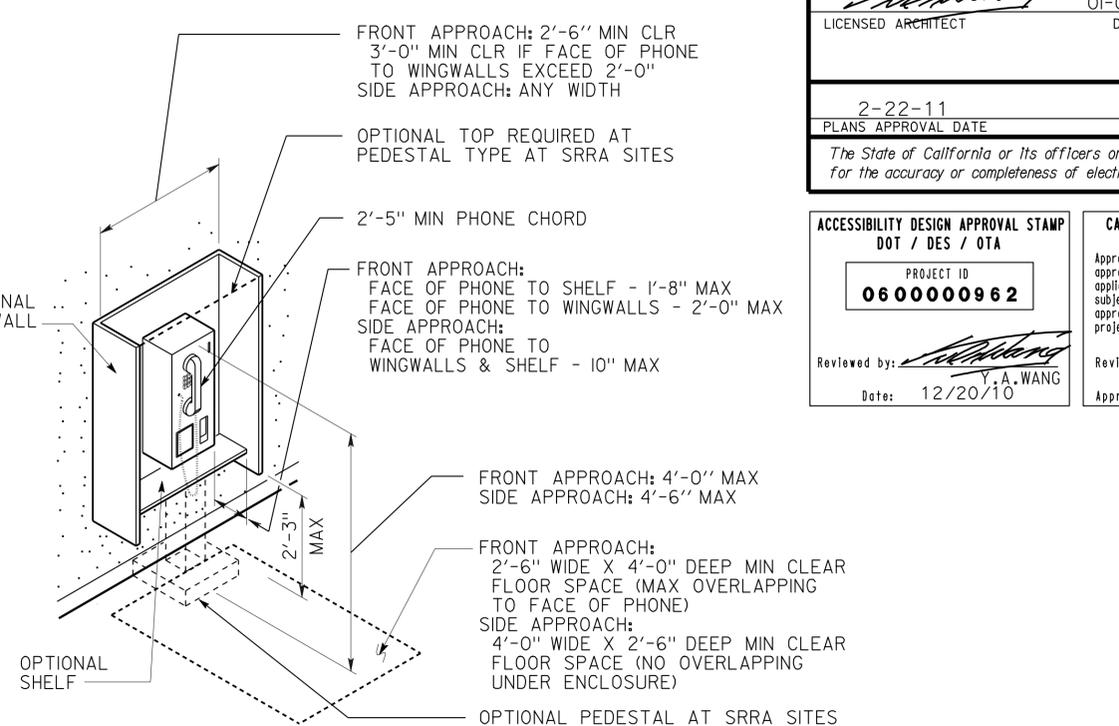
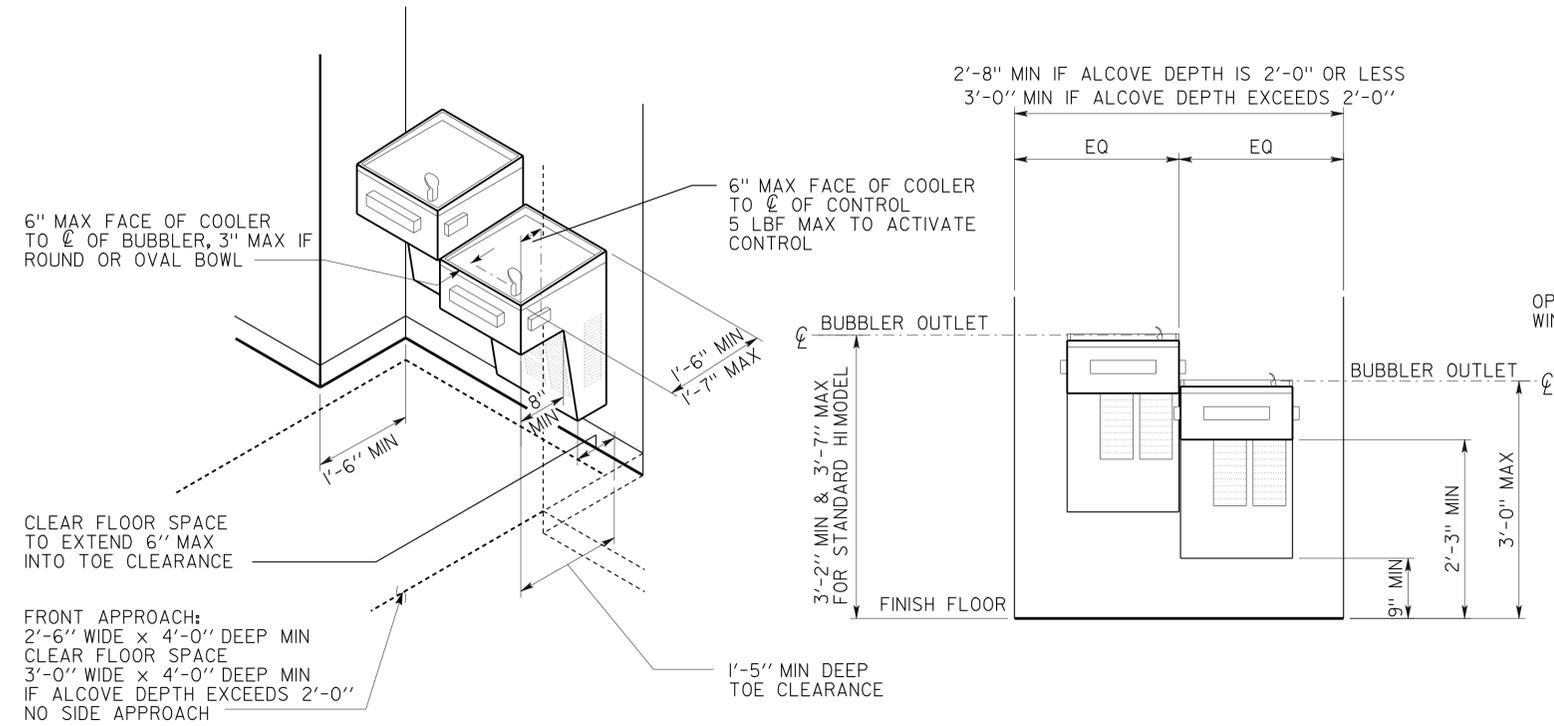
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FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED 	ARCHITECTURAL AND STRUCTURAL DESIGN		50M5703		OFFICE BUILDING		ACCESSIBILITY		A0-3.4	
DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION		POST MILE		ACCESSIBILITY STANDARD DETAILS		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
SUBMITTED BY Y.A. WANG				UNIT PROJECT NUMBER & PHASE		3582 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES		- 07		OF	
TAEMWW Imperial Rev. 7/10 24-FEB-2011 10:34				CSFM FILE NO. 01-15-11-0034		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3		EA 0M4001		24-FEB-2011 10:34	

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		13	66

<i>Y.A. Wang</i>		01-02-10
LICENSED ARCHITECT	DATE	

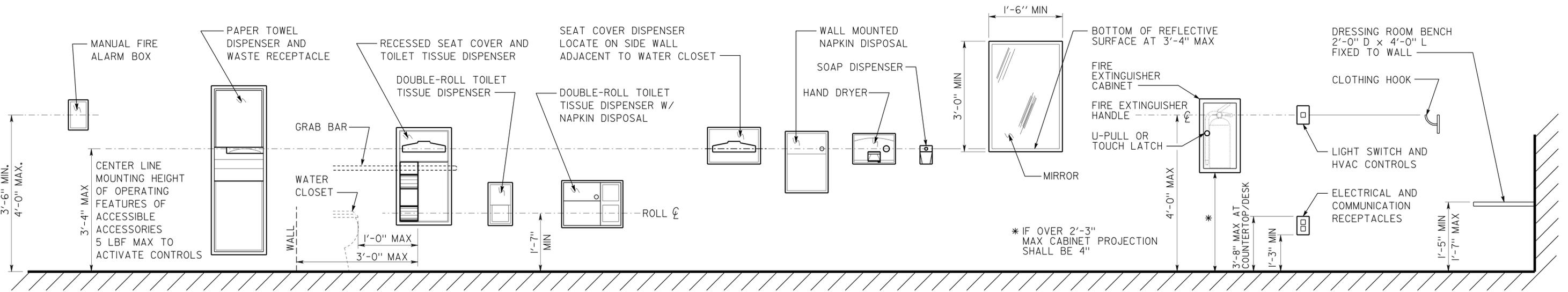
2-22-11	
PLANS APPROVAL DATE	
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1 ELECTRIC WATER COOLER AT ALCOVE

FIXTURE TYPE MAY VARY
 WIDTH OF ALCOVE MAY VARY
 TWO FIXTURES WITH SEPARATE MOUNTING HEIGHTS MAY BE INSTALLED AT SEPARATE LOCATIONS.

2 TELEPHONE



3 ACCESSORIES

DETAILS
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FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED <i>Y.A. Wang</i>	CALIFORNIA		ARCHITECTURAL		50M5703		OFFICE BUILDING		A0-3.5	
DRAWING DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION		AND STRUCTURAL DESIGN		POST MILE		ACCESSIBILITY		ACCESSIBILITY STANDARD DETAILS	
SUBMITTED BY Y.A. WANG				UNIT PROJECT NUMBER & PHASE		3582 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
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10/18/10 DATE
 LICENSED ARCHITECT
 Goffredo Riveccio
 No. C17914
 Exp. 8/31/2011
 STATE OF CALIFORNIA

2-22-11
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ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0600000962

Reviewed by: *[Signature]*
 Y. A. WANG
 Date: 12/20/10

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 GARY BLUMENTHAL
 Approval date: 12-9-10

ROOM FINISH SCHEDULE												
NO.	ROOM NAME	FLOOR	WALLS				CEILING	FINISHES	NOTES	HEIGHT		
			RESILIENT SHEET FLOORING	CERAMIC TILES	SMOOTH CONCRETE	5/8" GYP BD						
100	CREW ROOM	②			④		①	④	VARIABLE			
101	OFFICE	②			④		①	④	VARIABLE			
102	STORAGE	②			④		①	④	9'-0"			
103	MEN	①		④	①		①	④	9'-0"			
104	SHOWER	①		④	①		①	④	9'-0"	SEE NOTE ① BELOW		
105	JAN	①		④	①	①	①	④	9'-0"	4' HIGH FRPP WAINSCOT @ NORTH & WEST WALLS		
106	ELECT/HVAC			③	④		①	④	9'-0"			
107	WOMEN	①		④	①		①	④	9'-0"			

NOTE ①:
 FOR SHOWER RECEPTOR AND SHOWER WALLS USE B416-2K OF 2010 HANDBOOK FOR CERAMIC TILE INSTALLATION BY TCA

DOOR SCHEDULE													
NO.	W x H	T	MAT		DOOR TYPE	FRAME TYPE	FRAME SIZE	HRDWR GROUP	DETAILS	NOTES	SIGNS		
①	3'-0" x 7'-0"	1 3/4"	HOLLOW METAL	PAINT	A	I	6 3/4" x 2"	1	5a A2-J, 5b A2-J, 5c A2-J	SAFETY GLASS LITE ACCESSIBLE BUILDING ENTRANCE SIGN EXIT SIGN	6/AO-3.3, 2/AO-3.3		
②	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	7 3/4" x 2"	2	6a A2-J, 6b A2-J, 6c A2-J	SAFETY GLASS LITE ROOM IDENTIFICATION SIGN	1/AO-3.3		
③	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	7 3/4" x 2"	2	6a A2-J, 6b A2-J, 6c A2-J	ROOM IDENTIFICATION SIGN	1/AO-3.3		
④	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	6 1/2" x 2"	3	6a A2-J, 6b A2-J, 6c A2-J	RESTROOM SIGN IDENTIFICATION SYMBOL LOUVER	4C/AO-3.3, 3C/AO-3.3		
⑤	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	6 1/2" x 2"	3	6a A2-J, 6b A2-J, 6c A2-J	ROOM IDENTIFICATION SIGN LOUVER	1/AO-3.3		
⑥	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	6 1/2" x 2"	2	6a A2-J, 6b A2-J, 6c A2-J	ROOM IDENTIFICATION SIGN	1/AO-3.3		
⑦	3'-6" x 7'-0"	1 3/4"	HOLLOW METAL	PAINT	C	2	6 3/4" x 2"	4	5a A2-J, 5b A2-J, 5c A2-J	INSTALL LOUVER	1 & 6 / AO-3.3		
⑧	3'-0" x 7'-0"	1 3/4"	WOOD	STAIN	B	I	6 1/2" x 2"	3	6a A2-J, 6b A2-J, 6c A2-J	RESTROOM SIGN IDENTIFICATION SYMBOL LOUVER	4B/AO-3.3, 3B/AO-3.3		

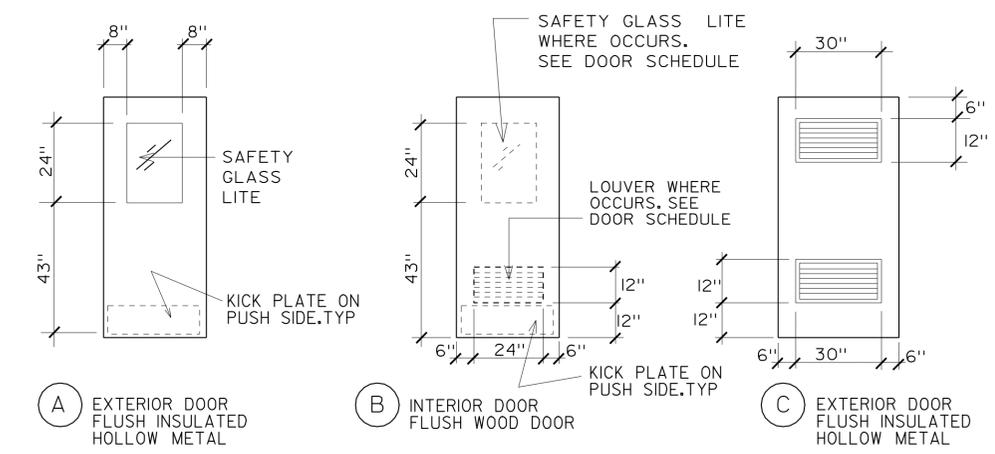
NOTE 1. SEE DETAIL 5/ AO-3.3 AND DOOR SCHEDULE FOR SIGNS TYPES AND LOCATIONS

WINDOW SCHEDULE						
NO.	W x H	MAT	FIN	FRAME SIZE	DETAILS	NOTES
A	3'-0" x 5'-0"	ALUMINUM	PAINT	3 5/8" x 1 21/32"	7a A2-J, 7b A2-J, 7c A2-J	INSTALL ALUMINUM BLINDS
BI	2'-6" x 2'-6"	ALUMINUM	PAINT	3 5/8" x 1 21/32"	7a A2-J, 7b A2-J, 7c A2-J	OBSCURE GLAZING
B2	2'-6" x 2'-6"	ALUMINUM	PAINT	3 5/8" x 1 21/32"	7a A2-J, 7b A2-J, 7c A2-J	OBSCURE GLAZING

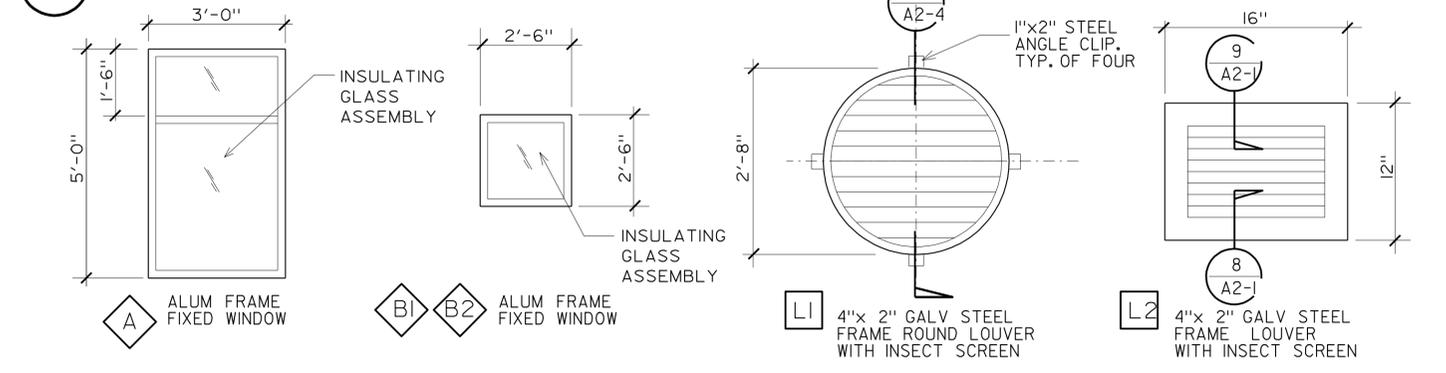
COLOR & PAINT SCHEDULE

ITEMS	COATING SYSTEM	COLOR
METAL ROOFING	PREFINISHED	AEPSPAN STANDING SEAM LEAF GREEN COLOR
METAL SIDING	PREFINISHED	AEPSPAN PRESTIGE SERIES I2 20GA LEAF GREEN COLOR
THIN BRICK VENEER COLOR A	PREFINISHED	3 5/8" x 7 5/8" x 1/2" COLOR DUSTY ROSE BY HC MUDDOX
THIN BRICK VENEER COLOR B	PREFINISHED	3 5/8" x 7 5/8" x 1/2" COLOR EBONY BY HC MUDDOX
EXPOSED STRUCTURAL STEEL	4	DEC 714 FRIAR TUCK BY DUNN EDWARDS PAINT
MISC METALS, FLASHING, GALVANIZED STEEL	2	DEC 714 FRIAR TUCK BY DUNN EDWARDS PAINT
METAL SOFFIT PANELS	PREFINISHED	AEPSPAN PRESTIGE SERIES I2 20GA SIERRA TAN COLOR
EXTERIOR METAL DOORS, PRESSED METAL FRAMES	4	DEC 714 FRIAR TUCK BY DUNN EDWARDS PAINT
INTERIOR WOOD DOORS	5	DEW 317 DAY LILY DUNN EDWARDS PAINT
INTERIOR PMF	4	DE 6212 CRIPS MUSLIM DUNN EDWARDS PAINT
WINDOW FRAMES	PREFINISHED	DARK GREEN BY KAWNEER
GYPSUM BOARD	3	DEW 317 DAY LILY DUNN EDWARDS PAINT
RESILIENT SHEET FLOORING	PREFINISHED	MARMORETTE COLOR # LPO96 BY ARMSTRONG
CERAMIC TILES FLOORING	PREFINISHED	4" x 4" ARTISAN BROWN CD20 COLORBODY PORCELAIN DAL TILE
CERAMIC TILES WALL @ MEN	PREFINISHED	2" x 2" GALAXY 6538 PERMATONES BY DAL TILE
CERAMIC TILES WALL @ WOMEN & SHOWER	PREFINISHED	2" x 2" FIREBRICK 6593 PERMATONES BY DAL TILE
RESILIENT BASE	PREFINISHED	4" BLACK BROWN NO.523 BURKEBASE
FIBERGLASS REINFORCED PLASTIC PANELS	PREFINISHED	SANDSTONE TEXTURE 809-FAWN BROWN BY VARIETEX 0.99" CLASS C
METAL LOCKERS	PREFINISHED	SELECTED BY MFR STANDARD COLORS
PLASTIC LAMINATE	CABINETS: WILSON LAMINATE D96-60 COUNTER TOP: WILSON LAMINATE D327-60	
WINDOW WOOD SILL	5	DE 6212 CRIPS MUSLIM DUNN EDWARDS PAINT
GALV STEEL LOUVERS	2	DEA150 SCARLET PAST DUNN EDWARDS PAINT

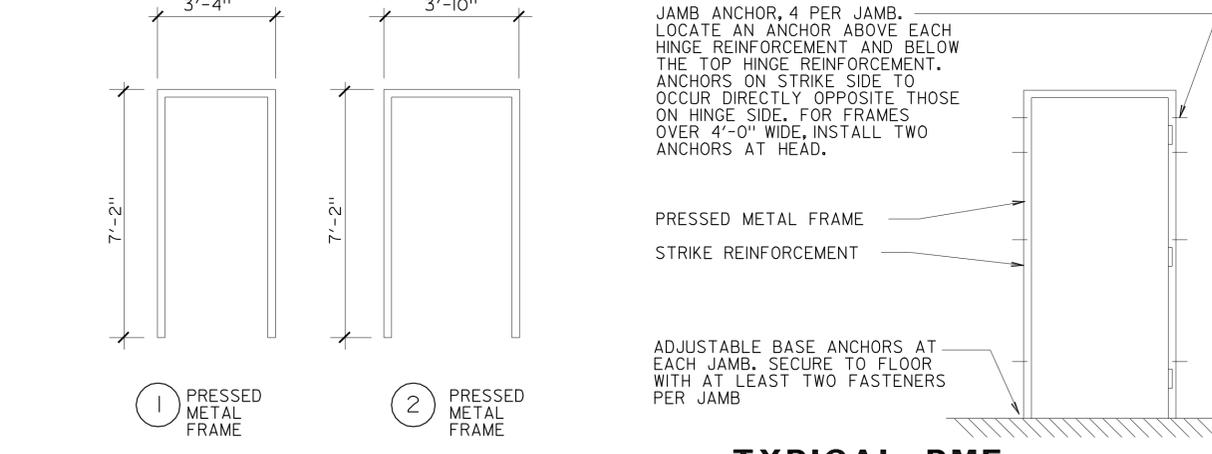
MANUFACTURERS' DESIGNATIONS LISTED ON THIS SCHEDULE ARE FOR REFERENCE ONLY AS EXAMPLES OF QUALITY, COLOR AND FINISH. OTHER SIMILAR MANUFACTURER'S PRODUCTS WHICH ARE EQUAL OR BETTER MAY BE SUBMITTED BY CONTRACTOR TO STATE FOR REVIEW AND APPROVAL.



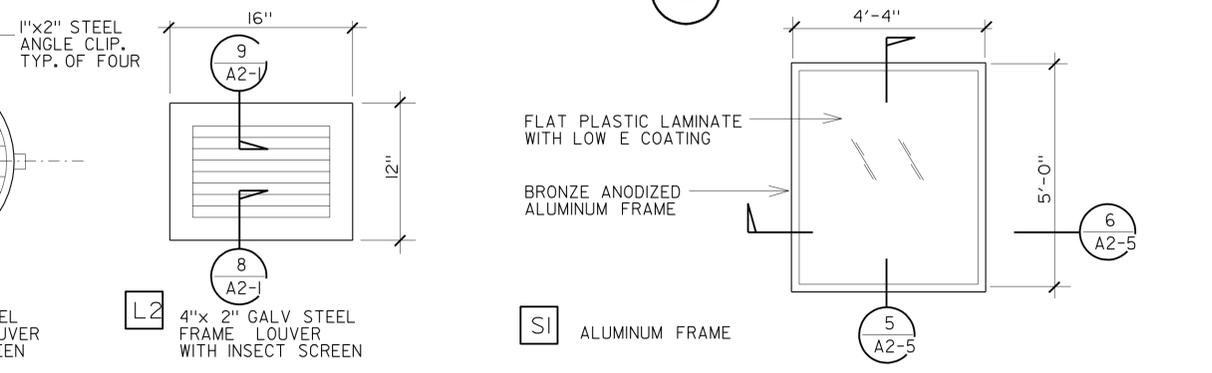
1 DOORS AND FRAMES TYPES



3 WINDOWS AND LOUVERS TYPES



2 TYPICAL PMF ANCHORAGE



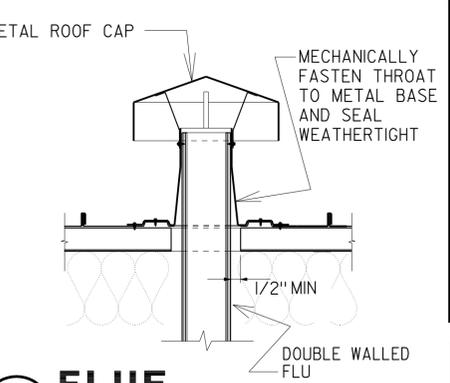
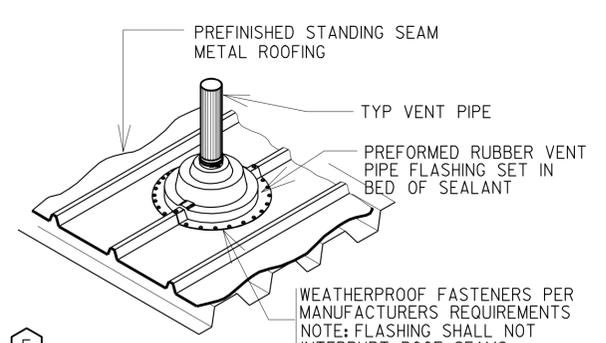
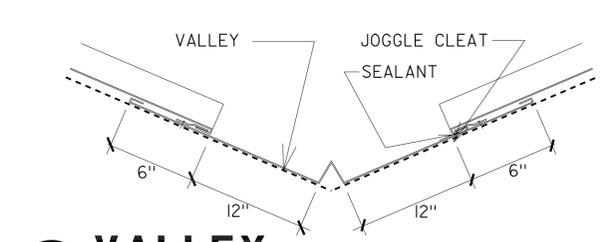
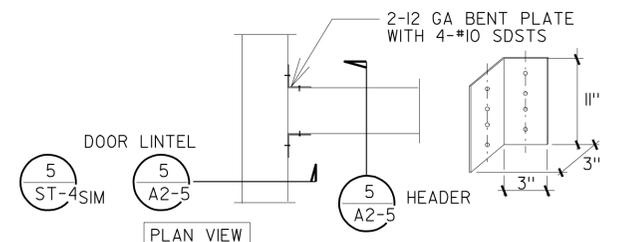
4 SKYLIGHT TYPE

DESIGN BY GOFFREDO RIVECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET
DETAILS BY GOFFREDO RIVECCIO	CHECKED WARREN LAI	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE		SCHEDULES, DOOR AND WINDOW TYPES
QUANTITIES BY DAVE FORBES	CHECKED KEVIN OKINO					

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		16	66

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 STATE OF CALIFORNIA

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6 CFS FRAMING DETAIL
NTS

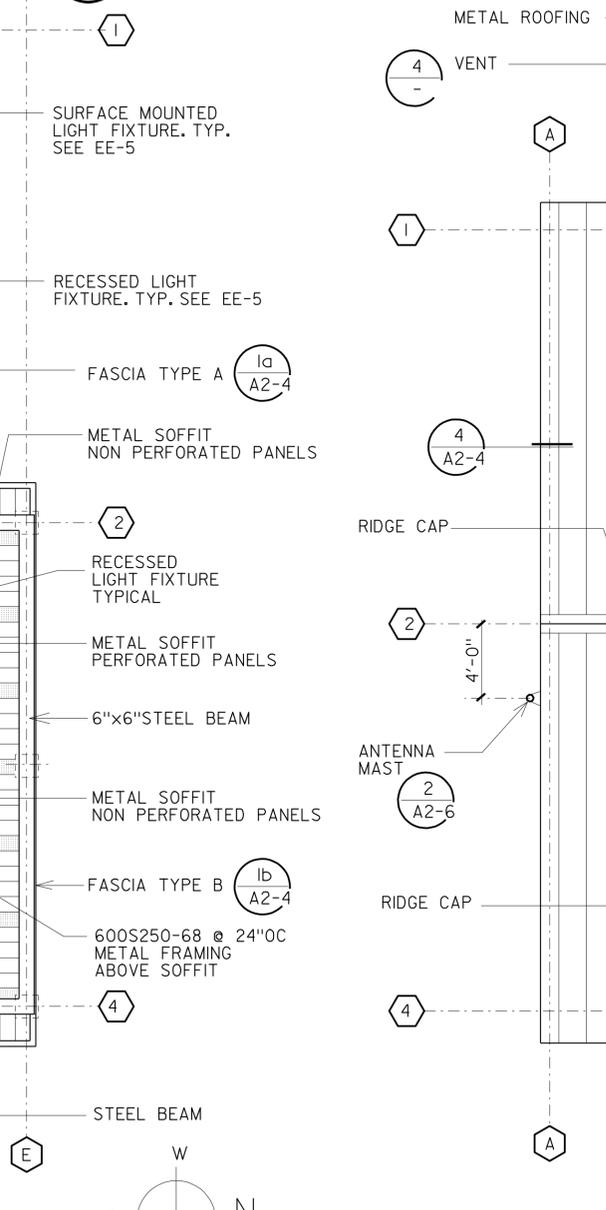
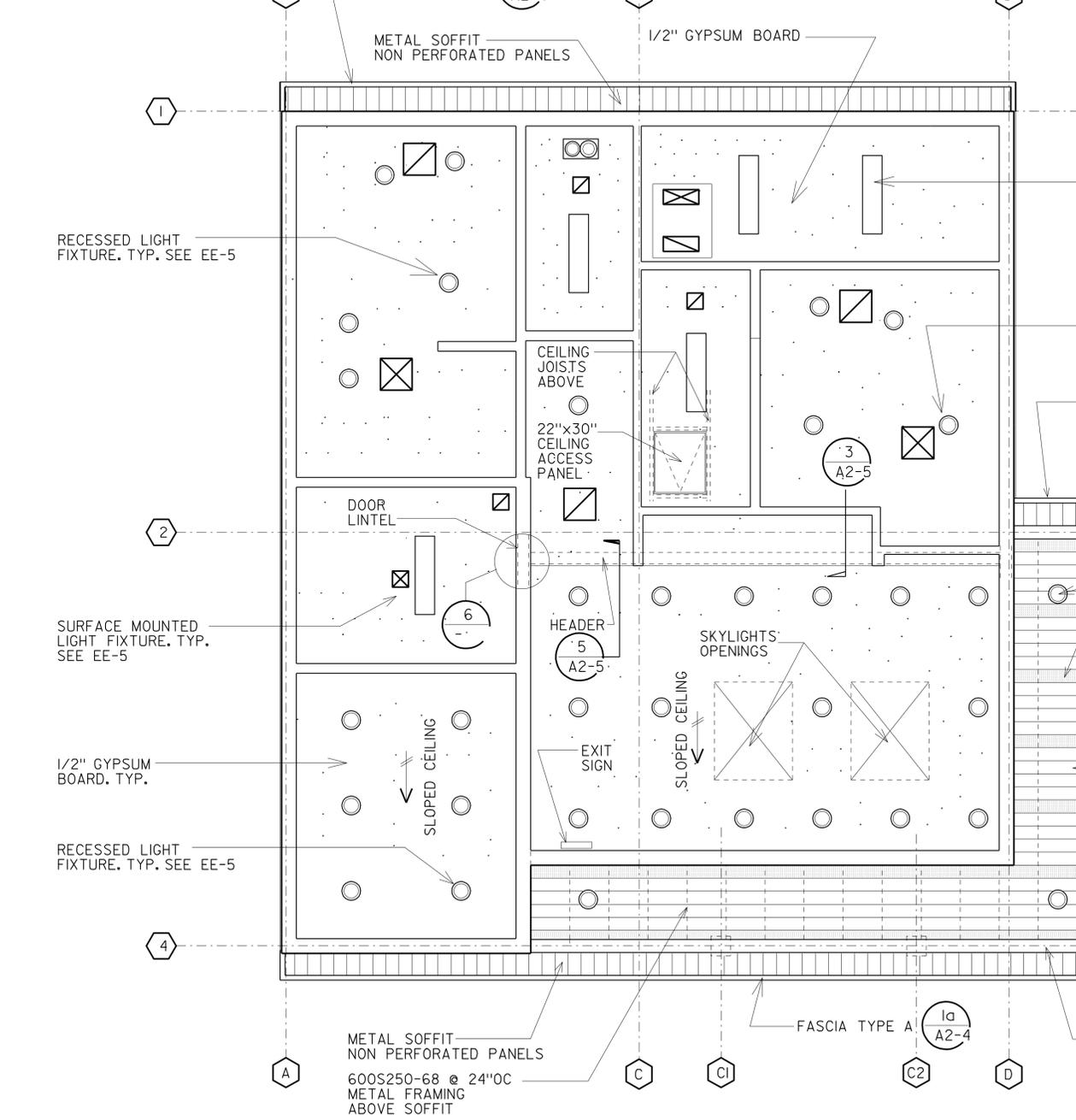
5 VALLEY
NTS

4 ROOF VENT
NTS

3 FLUE
NTS
NOTE: MAINTAIN 1/2" MIN FROM FLUE WALL AND INSUL.

ACCESSIBILITY DESIGN APPROVAL STAMP
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 PROJECT ID
0600000962
 Reviewed by: *[Signature]*
 Y. A. WANG
 Date: 12/20/10

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 GARY BLUMENTHAL
 Approval date: 12-9-10



1 REFLECTED CEILING PLAN
1/4" = 1'-0"

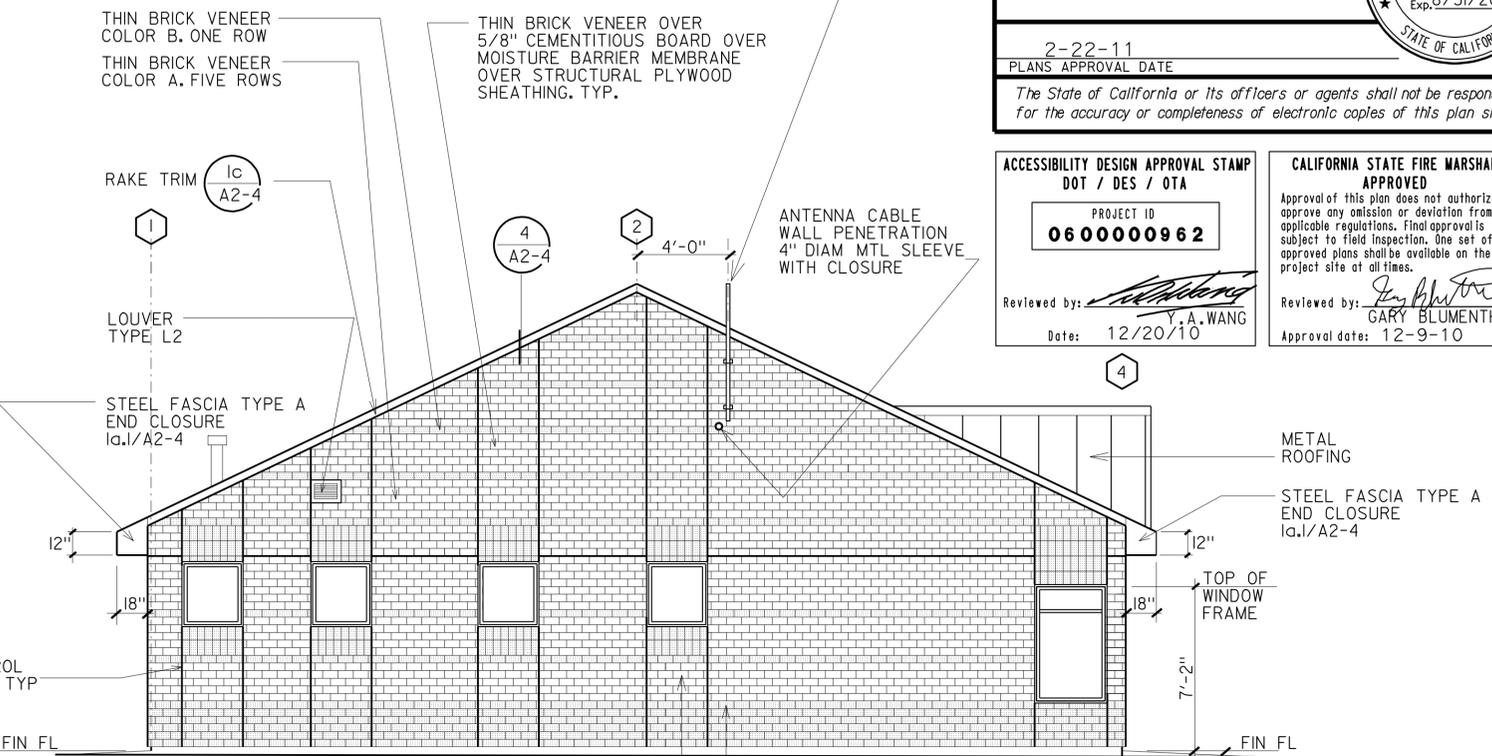
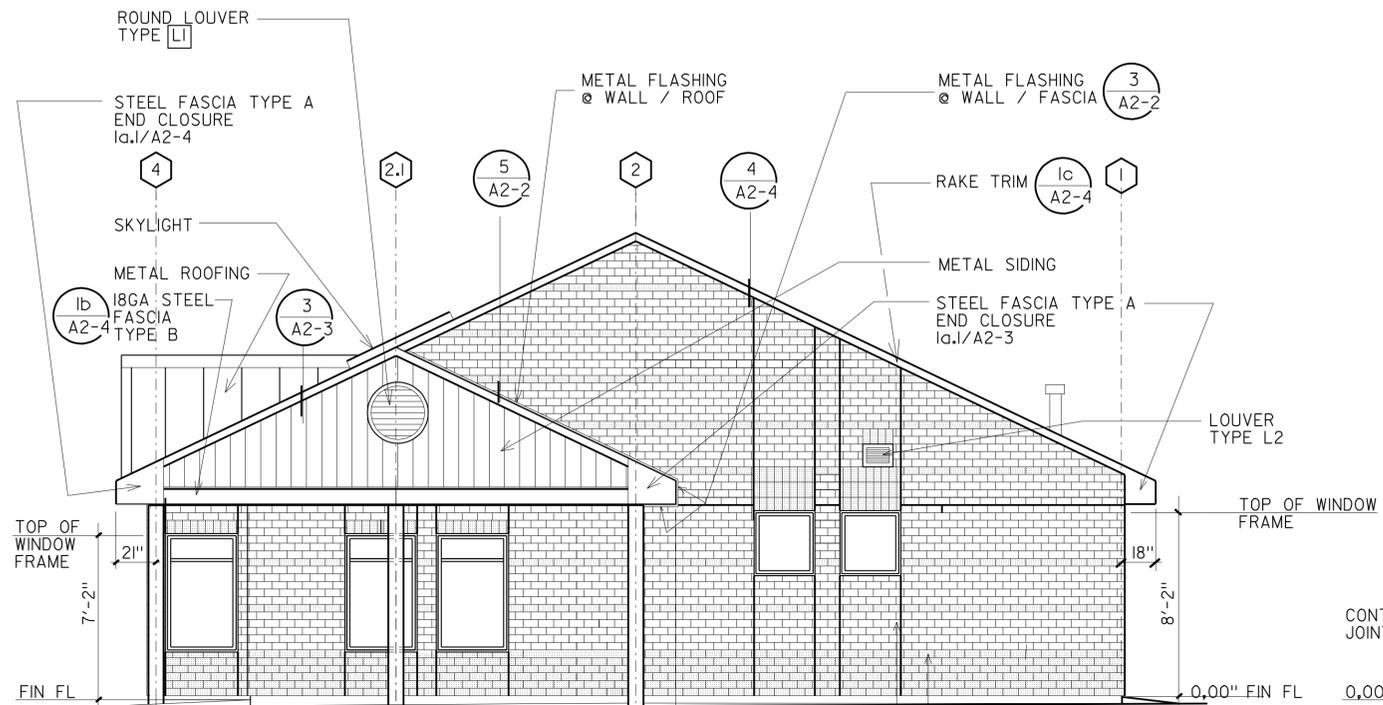
2 ROOF PLAN
NTS

a1_03.dgn TAEMWW Imperial Rev. 7/10 24-FEB-2011 10:35	DESIGN BY GOFFREDO RIVECCIO CHECKED WARREN LAI DETAILS BY GOFFREDO RIVECCIO CHECKED WARREN LAI QUANTITIES BY DAVE FORBES CHECKED KEVIN OKINO	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703 POST MILE	BODFISH MAINTENANCE STATION OFFICE BUILDING ROOF PLAN, REFLECTED CEILING PLAN	SHEET A1-3
	CSFM FILE NO. 01-15-11-0034 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3582 06000009621 EA 0M4001	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) - 07	SHEET OF		

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		17	66

LICENSED ARCHITECT: *Goffredo Rivieccio*
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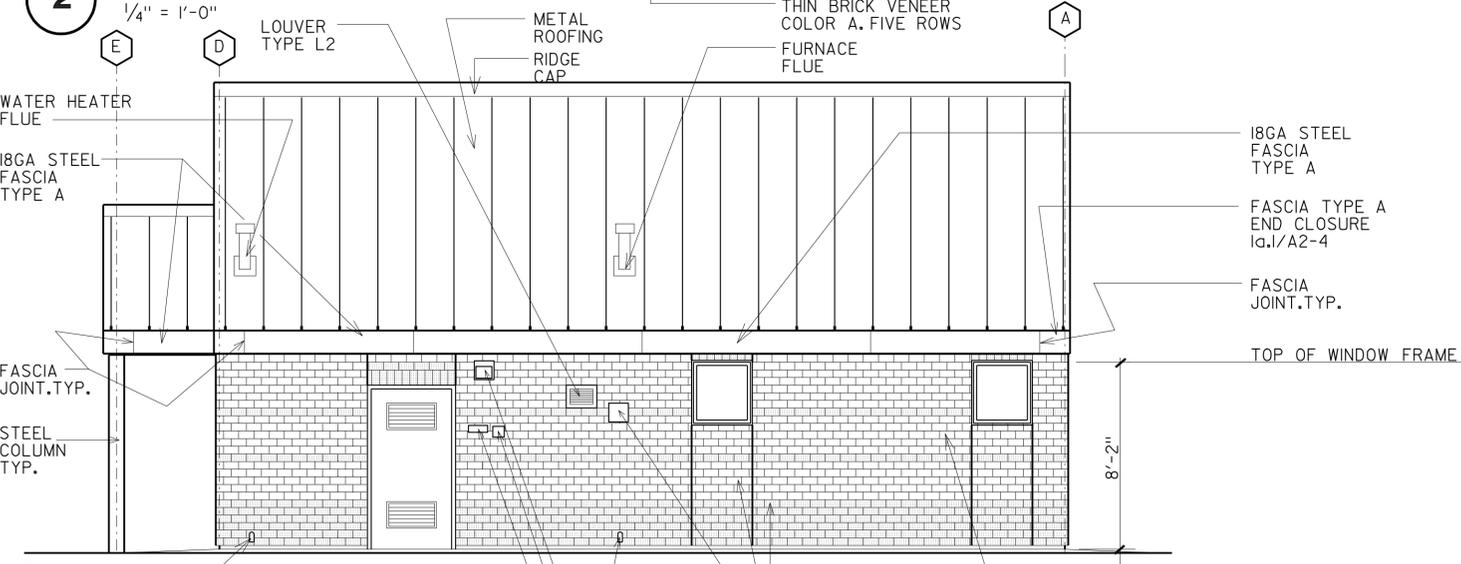
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1 NORTH ELEVATION
1/4" = 1'-0"



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

2 SOUTH ELEVATION
1/4" = 1'-0"



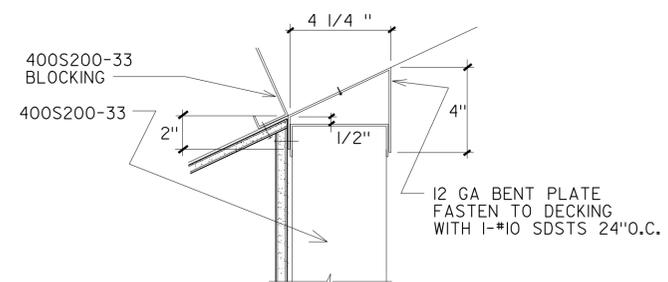
4 WEST ELEVATION
1/4" = 1'-0"

NOTE 1
WATER REPELLENT COATING SHALL BE APPLIED TO ALL THIN BRICK VENER SURFACES

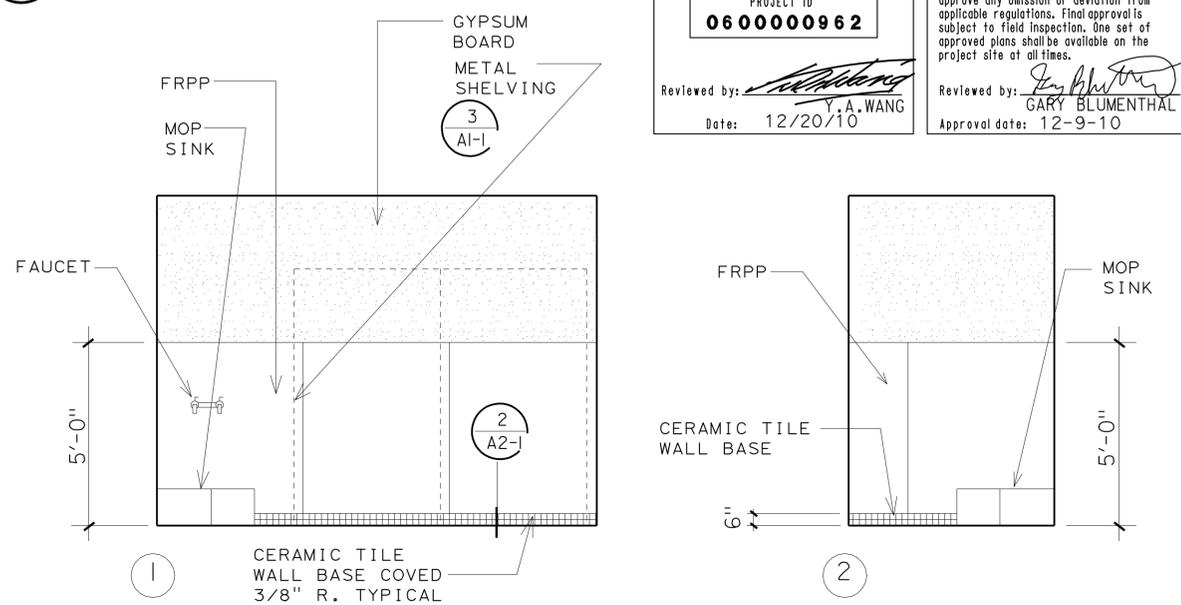
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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2-22-11 PLANS APPROVAL DATE		
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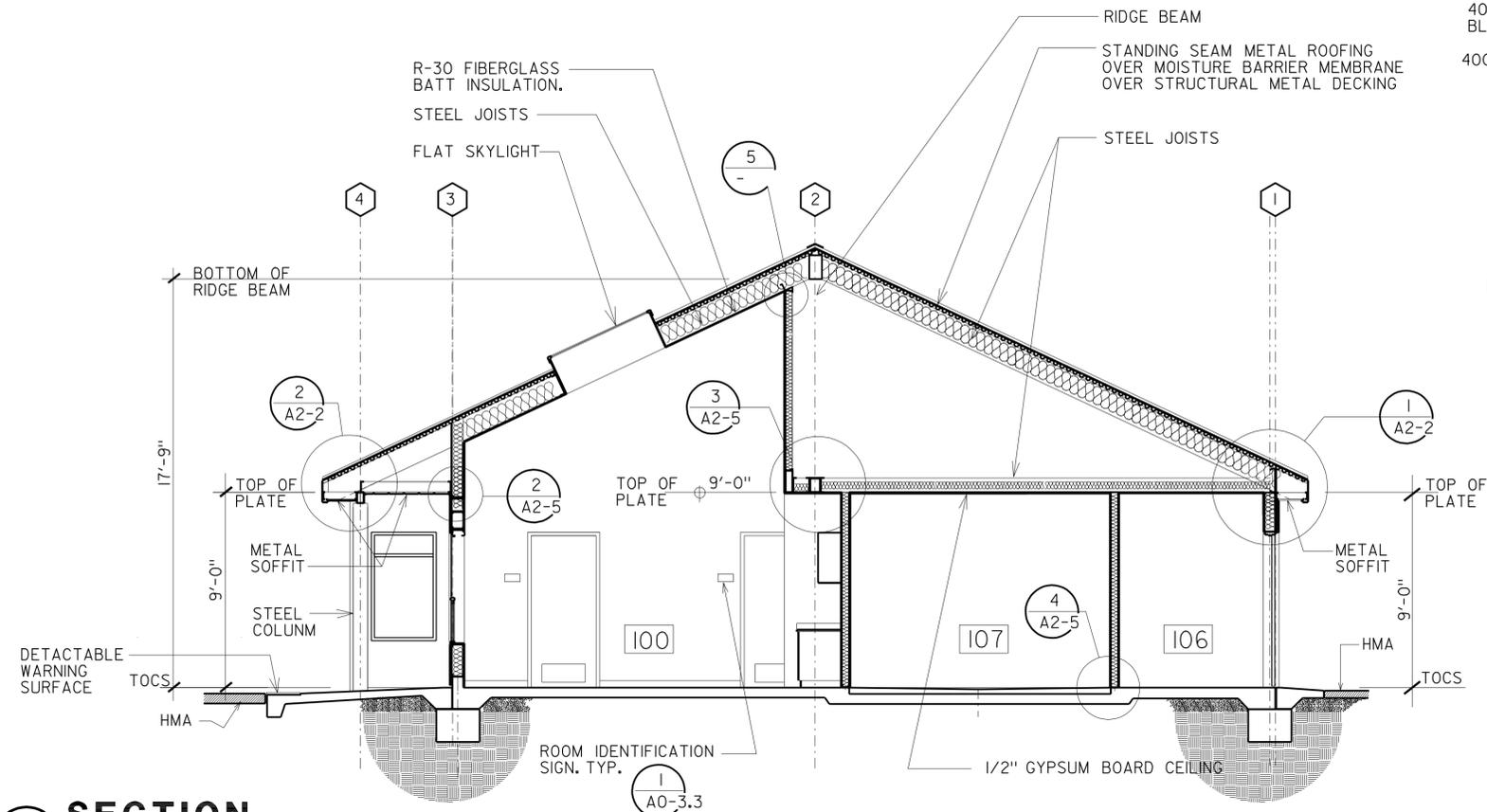
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Reviewed by:  Y. A. WANG Date: 12/20/10	Reviewed by:  GARY BLUMENTHAL Approval date: 12-9-10



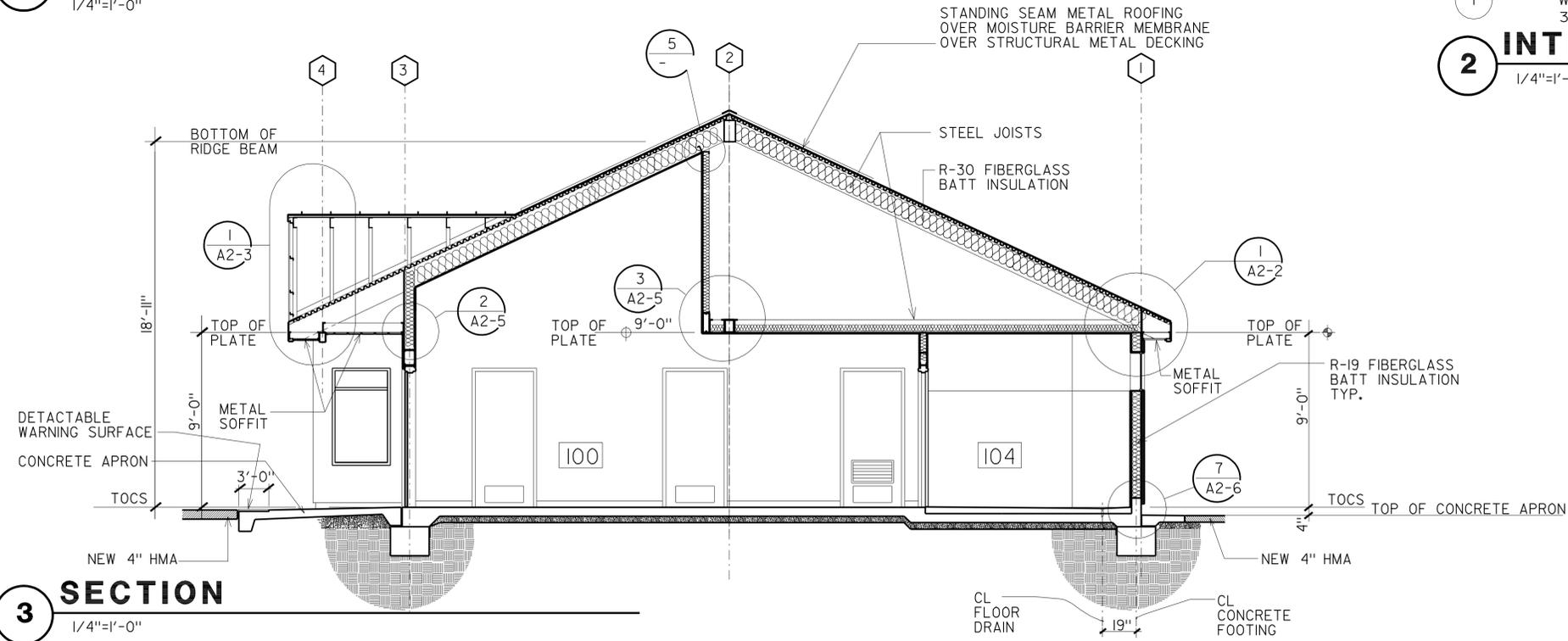
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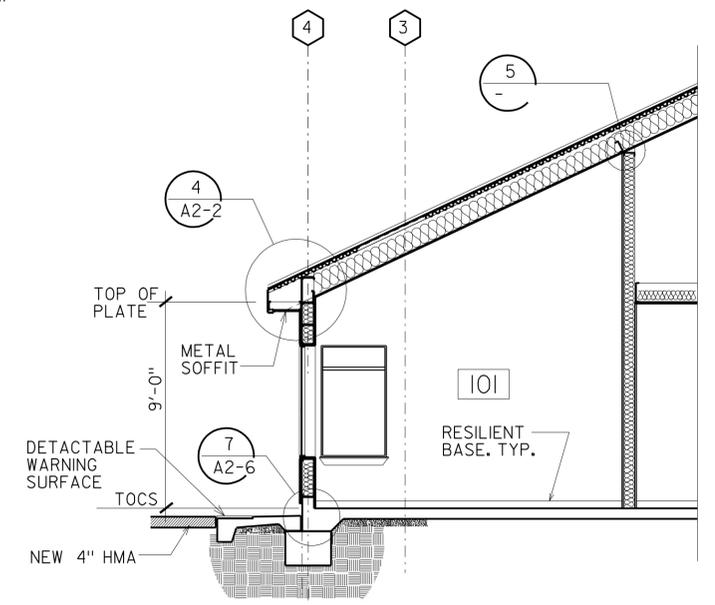
2 INTERIOR ELEVATIONS
1/4"=1'-0"



1 SECTION
1/4"=1'-0"



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



4 PARTIAL SECTION
1/4"=1'-0"

a1_05.dgn TAEMWW Imperial Rev. 7/10	24-FEB-2011 10:35	CSFM FILE NO. 01-15-11-0034	DESIGN BY GOFFREDO RIVECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING SECTIONS	SHEET A1-5
			DETAILS BY GOFFREDO RIVECCIO	CHECKED WARREN LAI		UNIT PROJECT NUMBER & PHASE 3582 06000009621	POST MILE		DISREGARD PRINTS BEARING EARLIER REVISION DATES
			QUANTITIES BY DAVE FORBES	CHECKED KEVIN OKINO	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	EA 0M4001			

24-FEB-2011 10:35

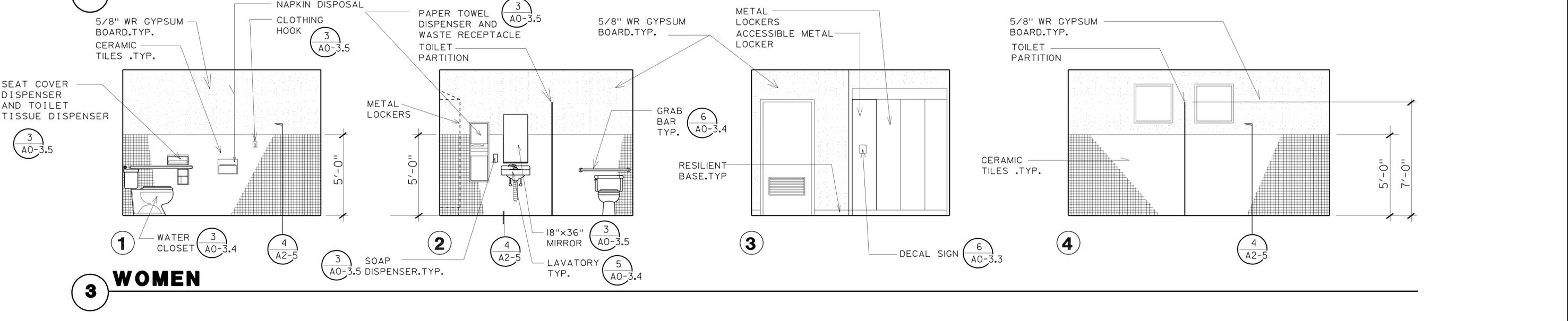
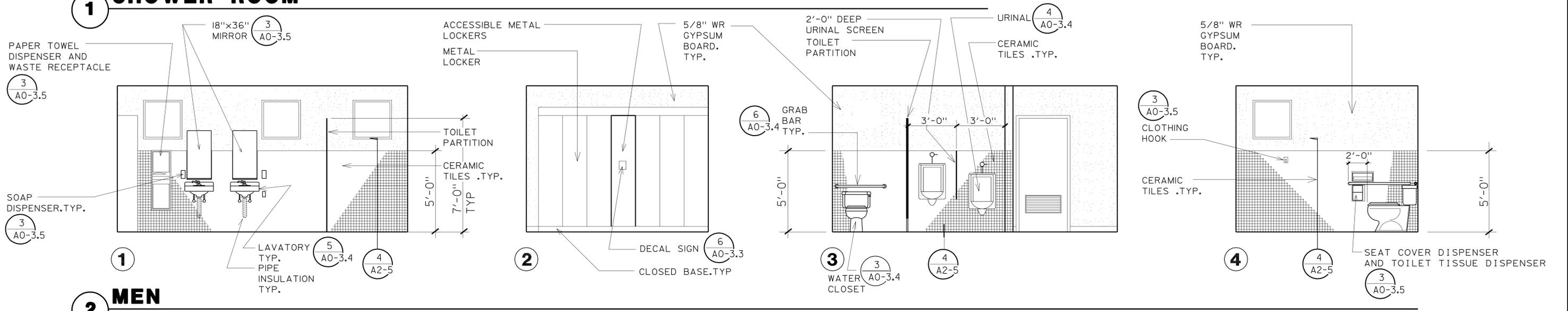
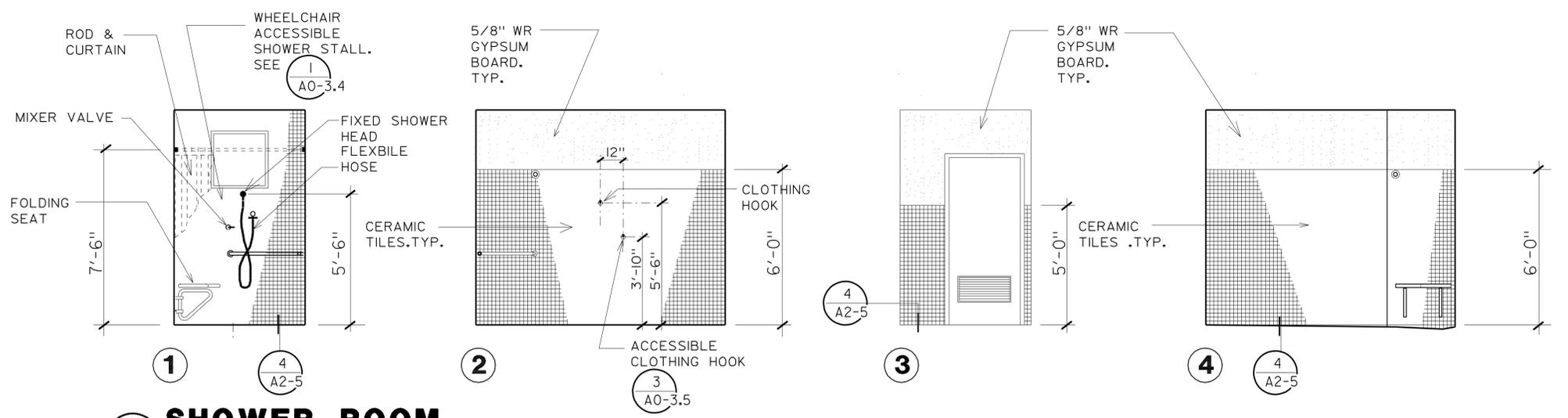
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		19	66

LICENSED ARCHITECT: *Goffredo Riveccio*
 DATE: 10/18/10
 No. C17914
 Exp. 8/31/2011
 STATE OF CALIFORNIA

2-22-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0600000962**
 Reviewed by: *[Signature]*
 DATE: 12/20/10

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *[Signature]*
 GARY BLUMENTHAL
 Approval date: 12-9-10

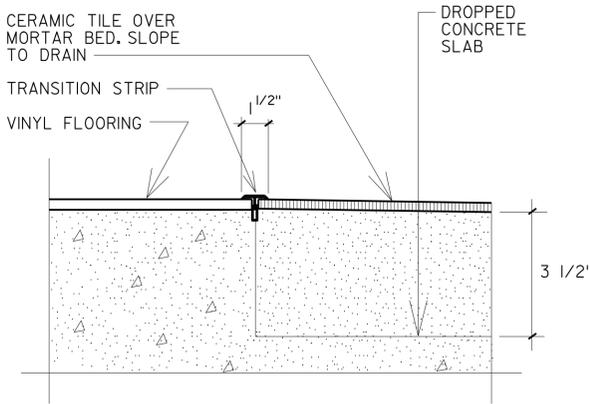


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	DETAILS	BY GOFFREDO RIVECCIO	CHECKED WARREN LAI			POST MILE			REVISION DATES (PRELIMINARY STAGE ONLY)	
	QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO			UNIT PROJECT NUMBER & PHASE	3582 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES	- 07

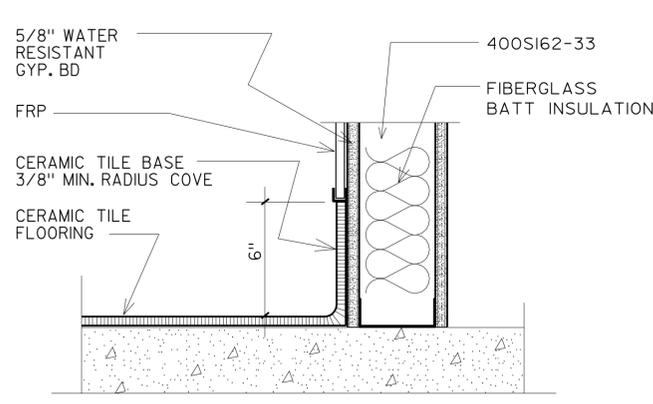
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 CSFM FILE NO. 01-15-11-0034
 EA 0M4001
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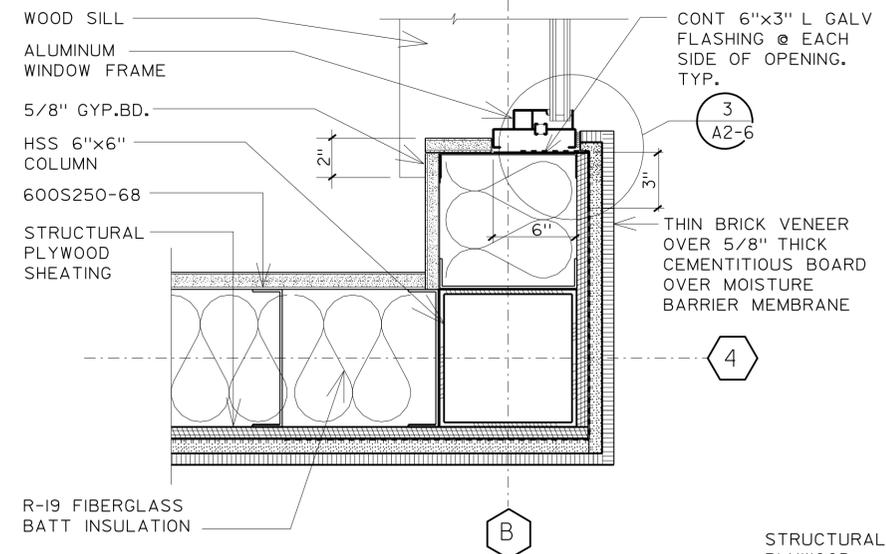
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2-22-11 PLANS APPROVAL DATE		
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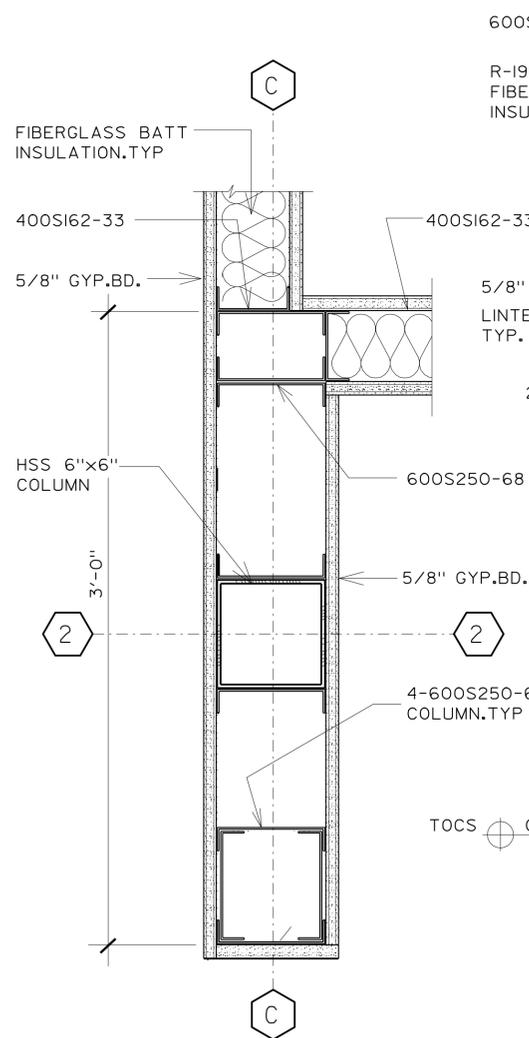
1 FLOORING DETAIL
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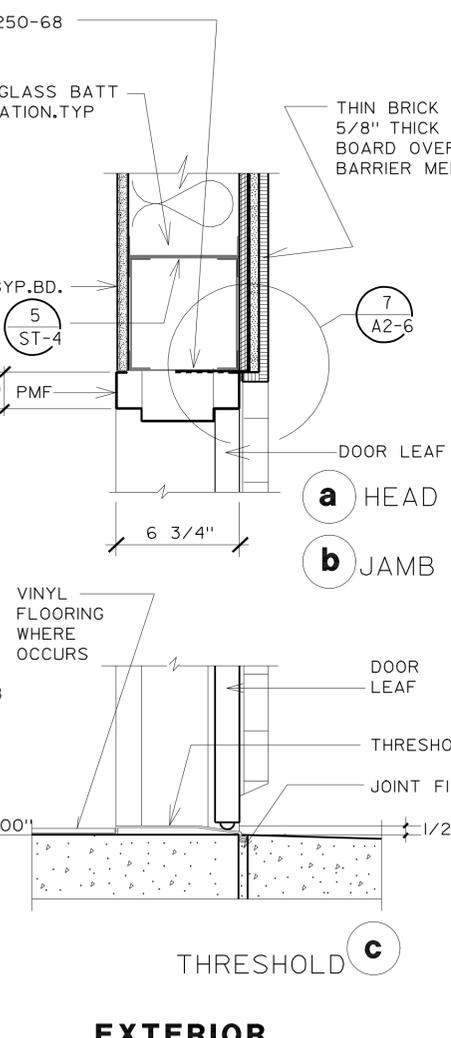
2 WALL BASE DETAIL
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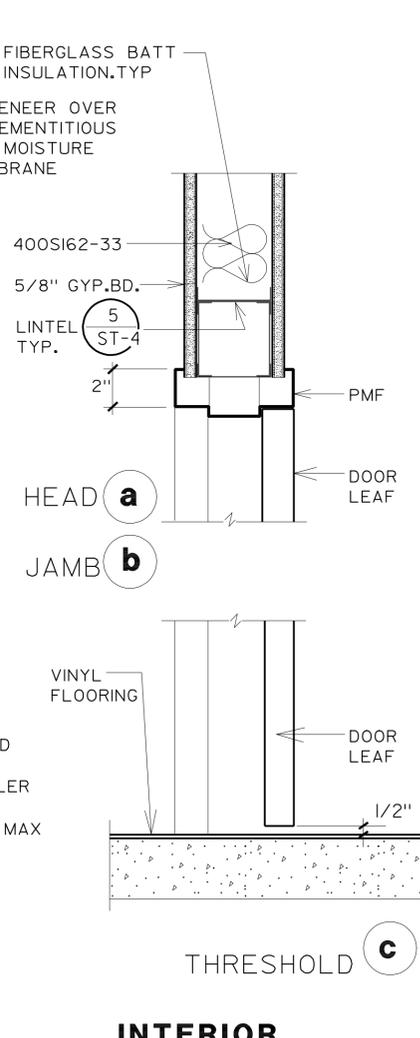
3 WALL & WINDOW JAMB DETAIL
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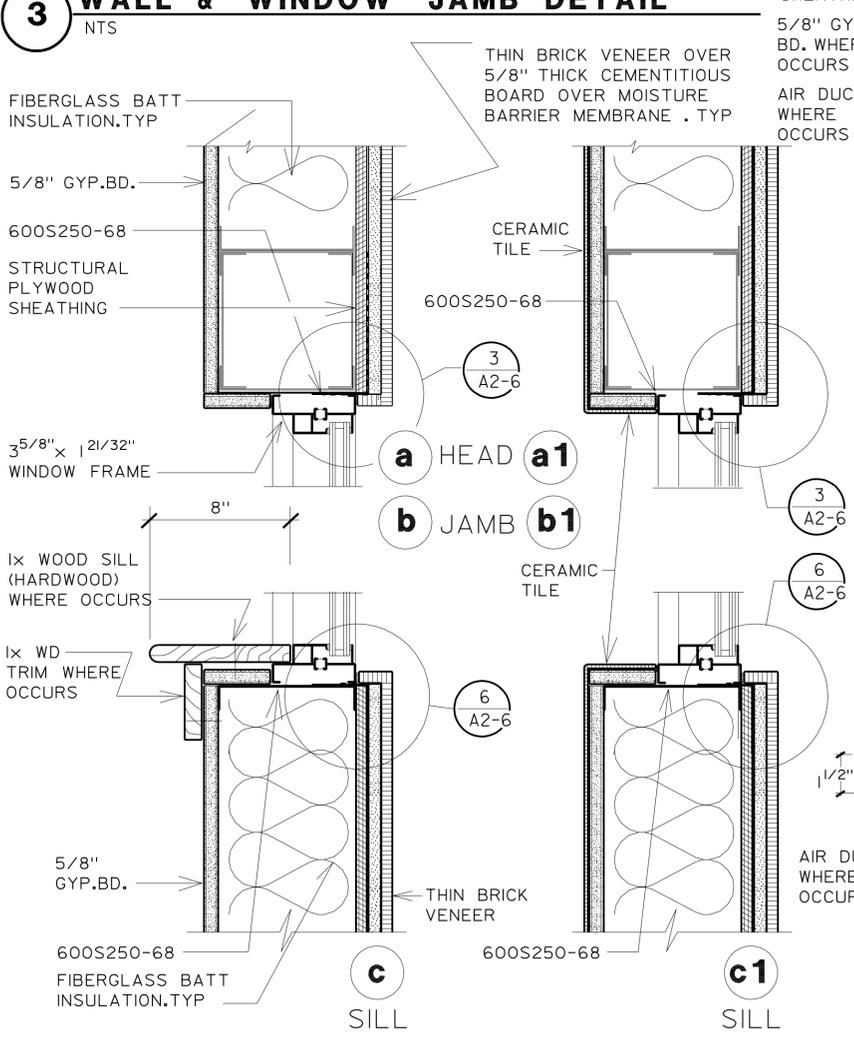
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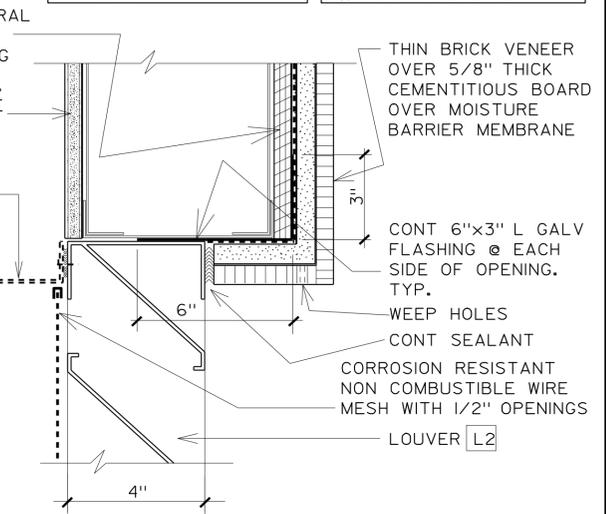
5 EXTERIOR DOOR DETAILS
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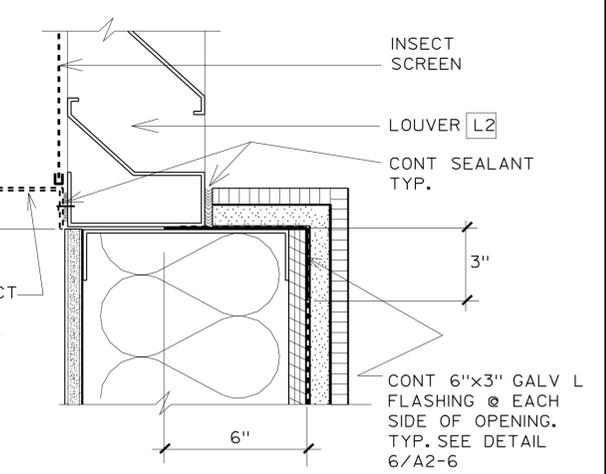
6 INTERIOR DOOR DETAILS
NTS



7 WINDOW DETAILS
NTS



9 LOUVER HEAD DETAIL
NTS
SILL & JAMB SIM



8 LOUVER SILL DETAIL
NTS
JAMB & HEAD SIMILAR

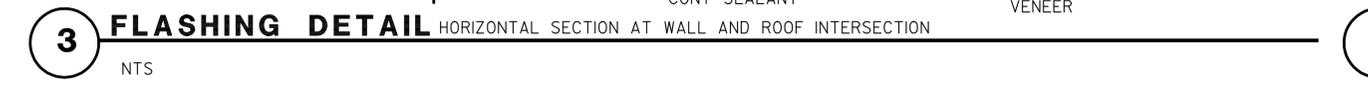
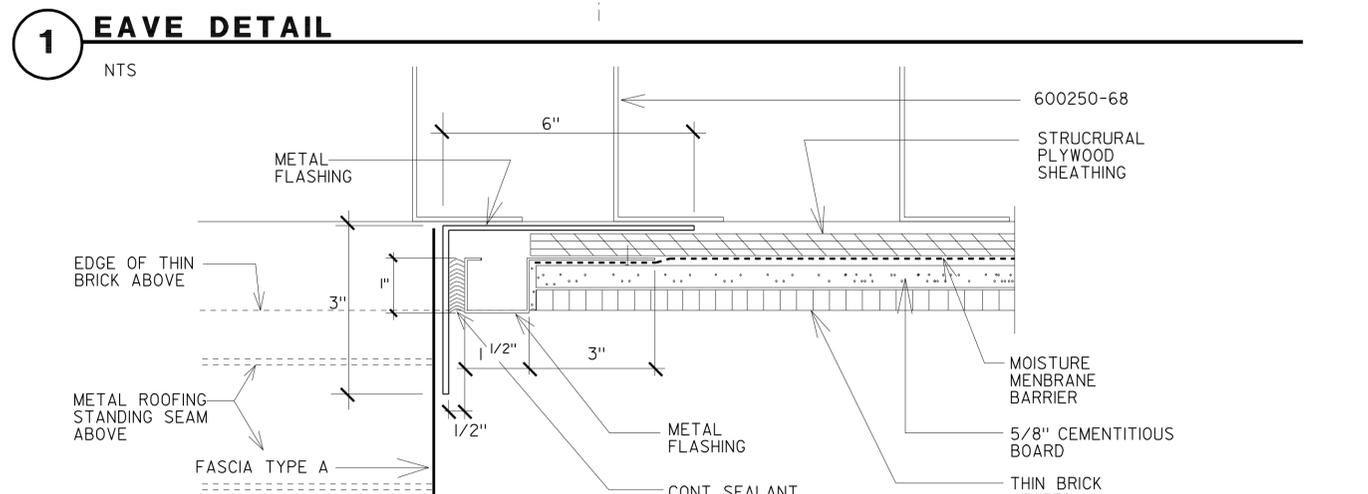
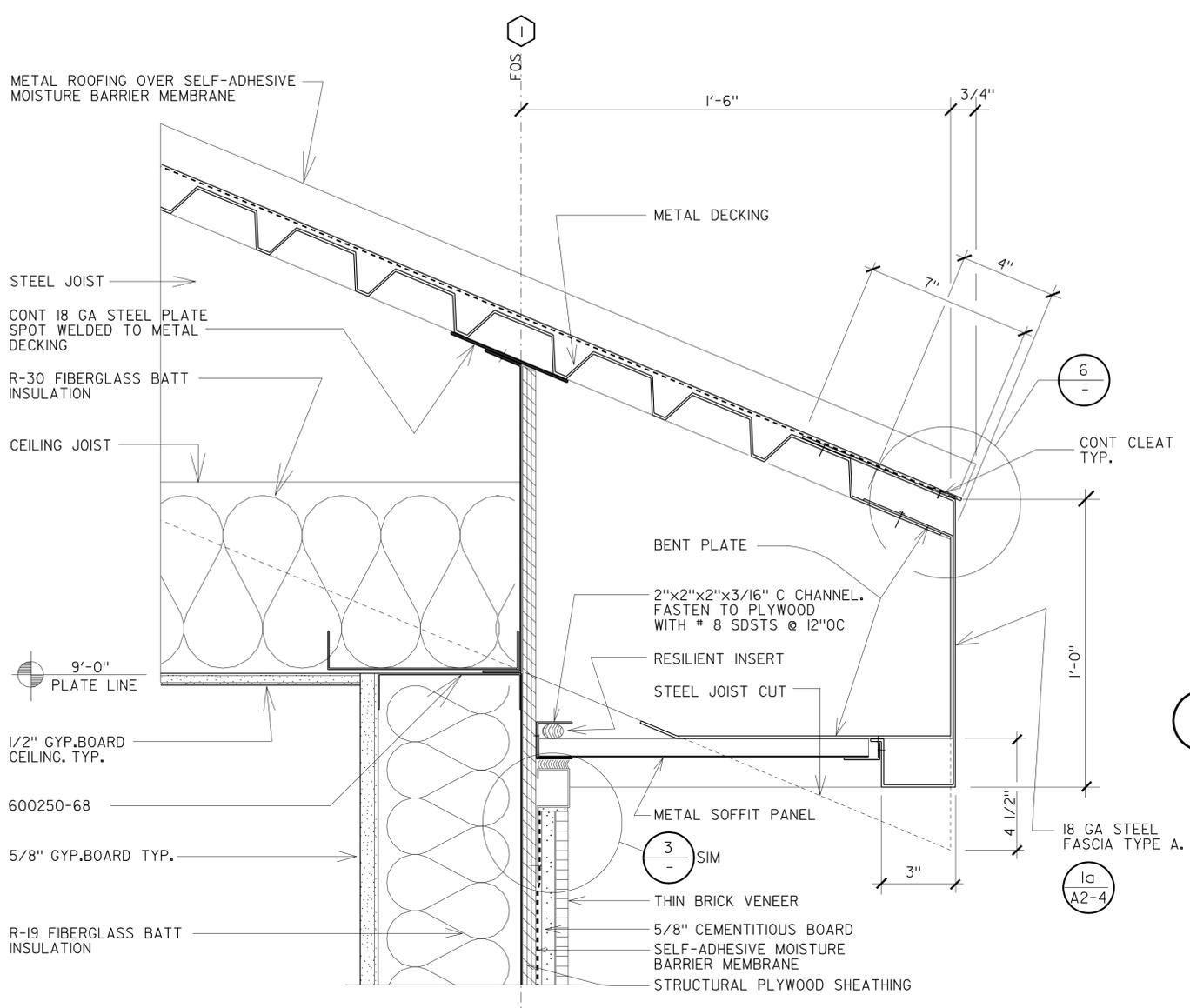
DESIGN	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI
DETAILS	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI
QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO

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

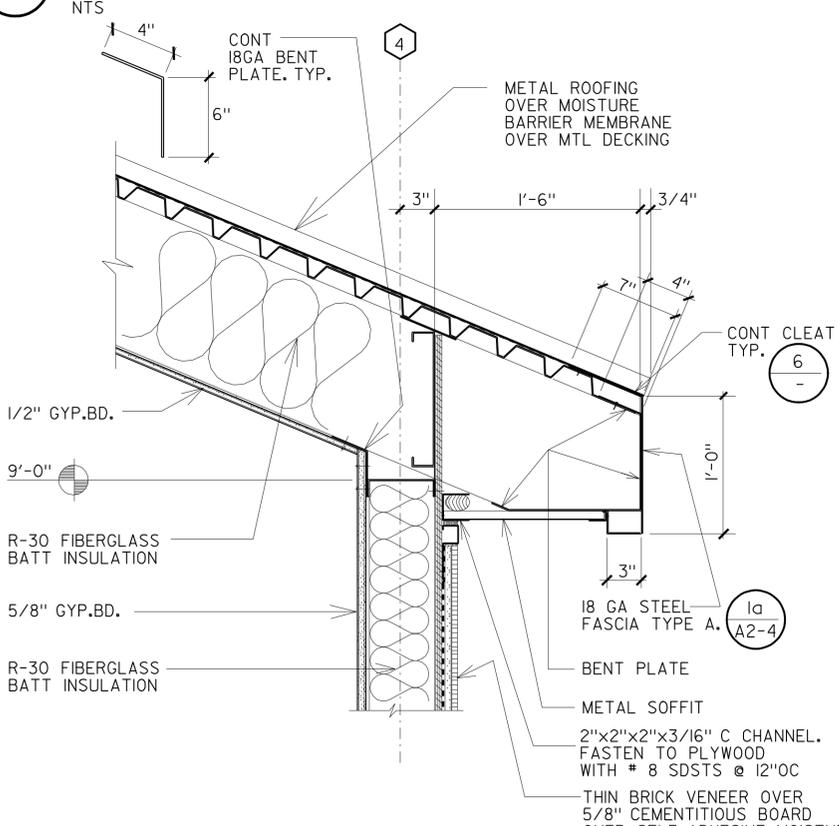
BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING DETAILS	SHEET
POST MILE			A2-1

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 LICENSED ARCHITECT			10/18/10	DATE	
 LICENSED ARCHITECT Goffredo Rivieccio No. C17914 Exp. 8/31/2011 STATE OF CALIFORNIA					
2-22-11					
PLANS APPROVAL DATE					
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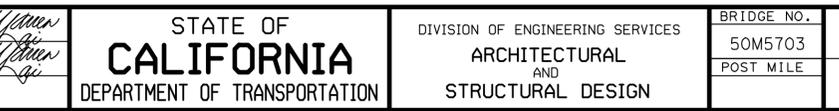
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Reviewed by:  Y. A. WANG Date: 12/20/10		Reviewed by:  GARY BLUMENTHAL Approval date: 12-9-10	



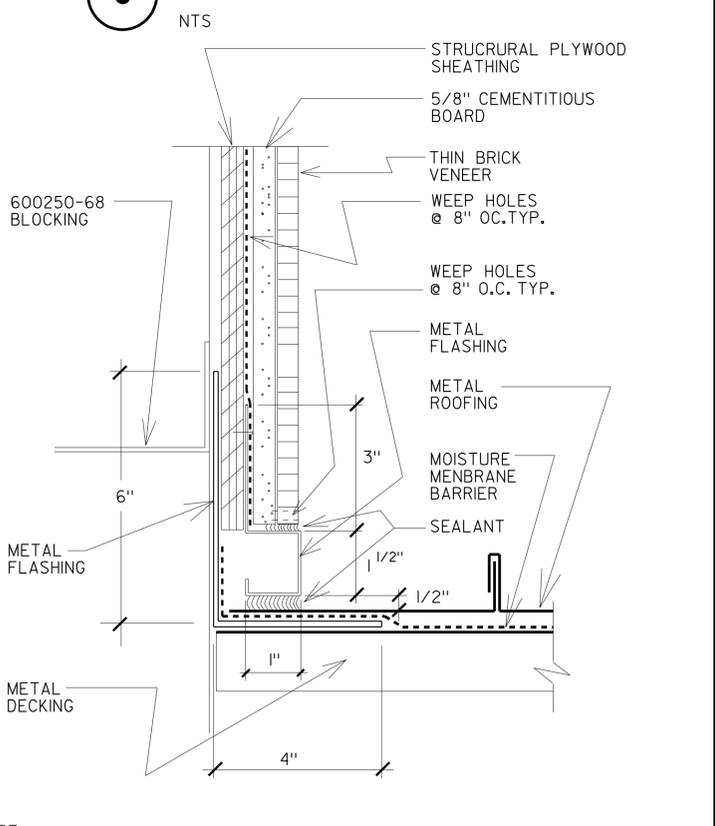
2 EAVE DETAIL



4 EAVE DETAIL



6 CLEAT DETAIL



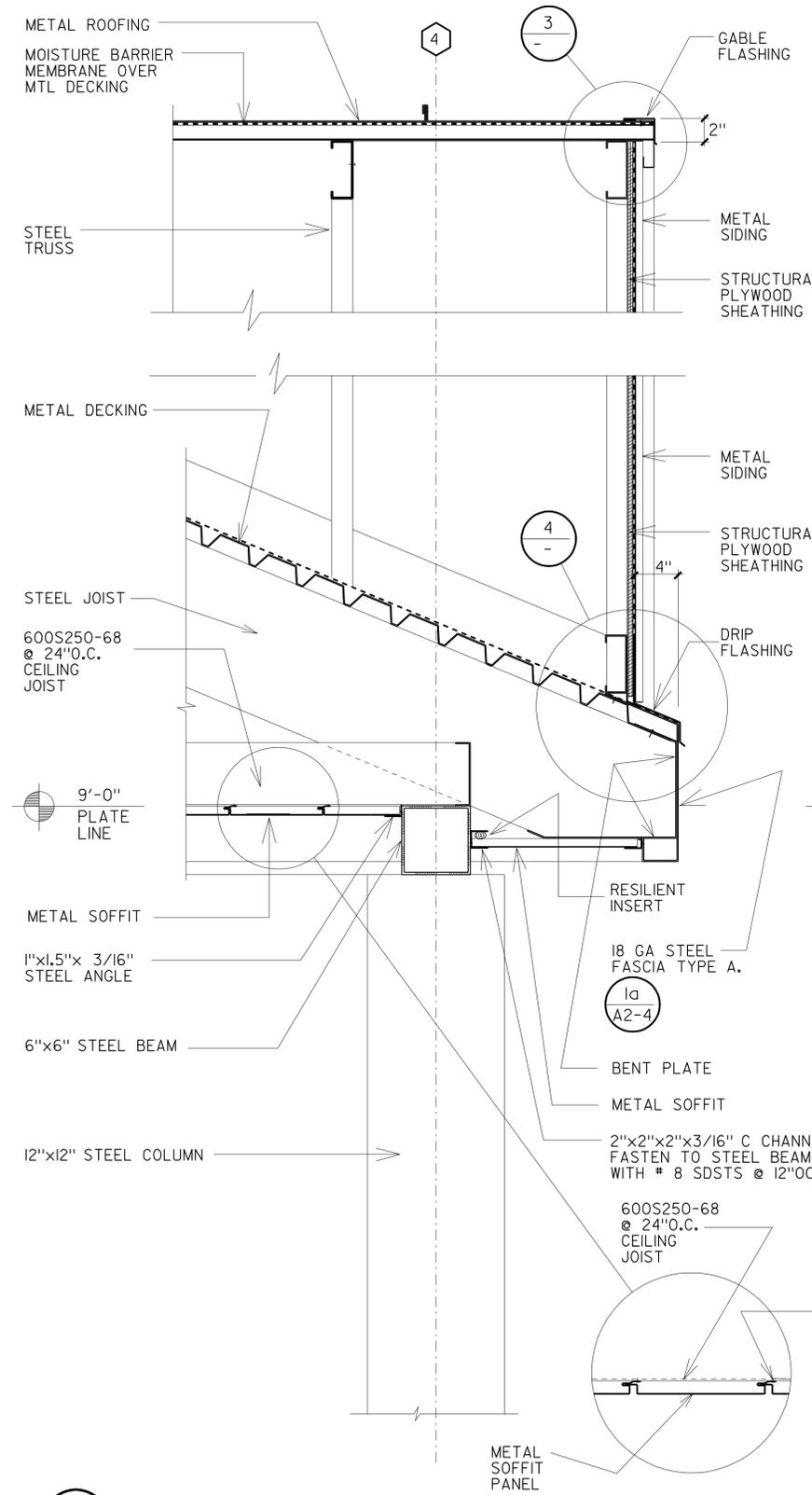
5 WALL ROOF DETAIL



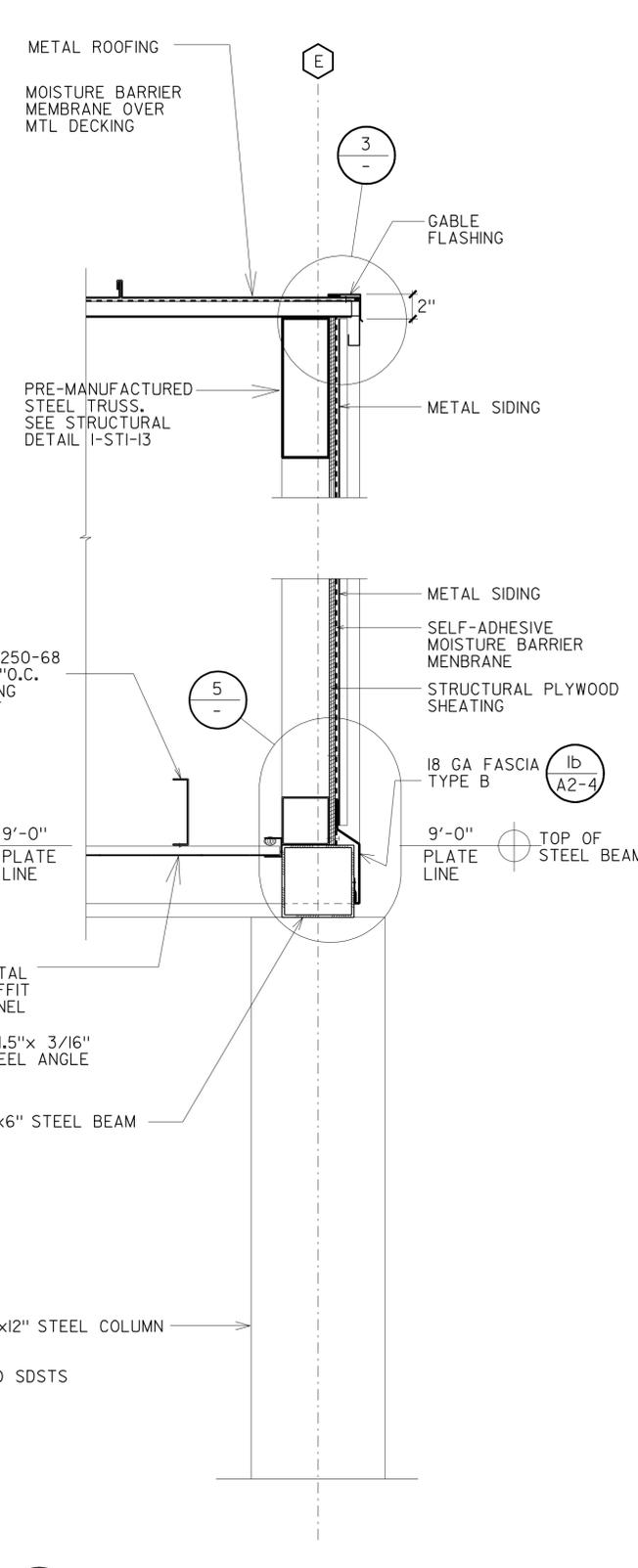
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 PLANS APPROVAL DATE
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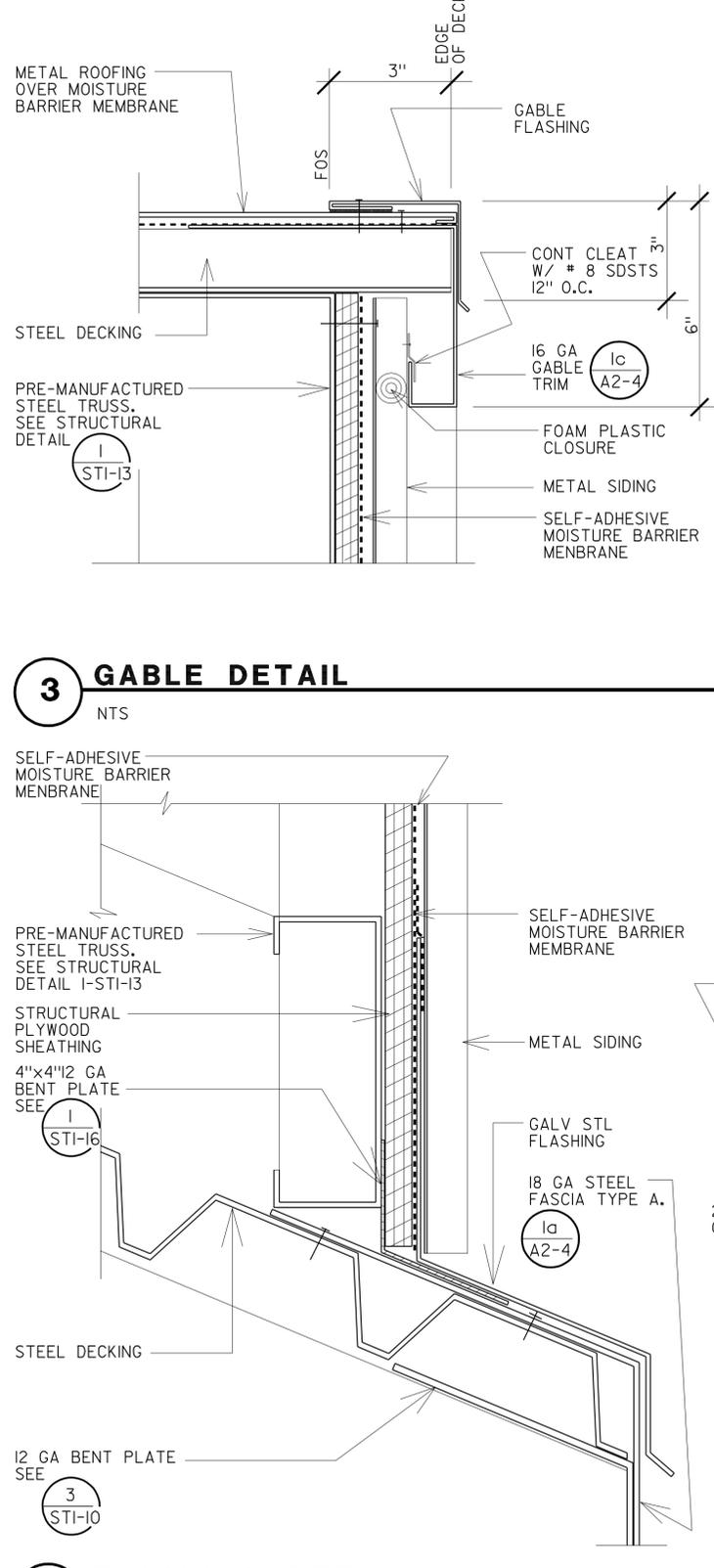




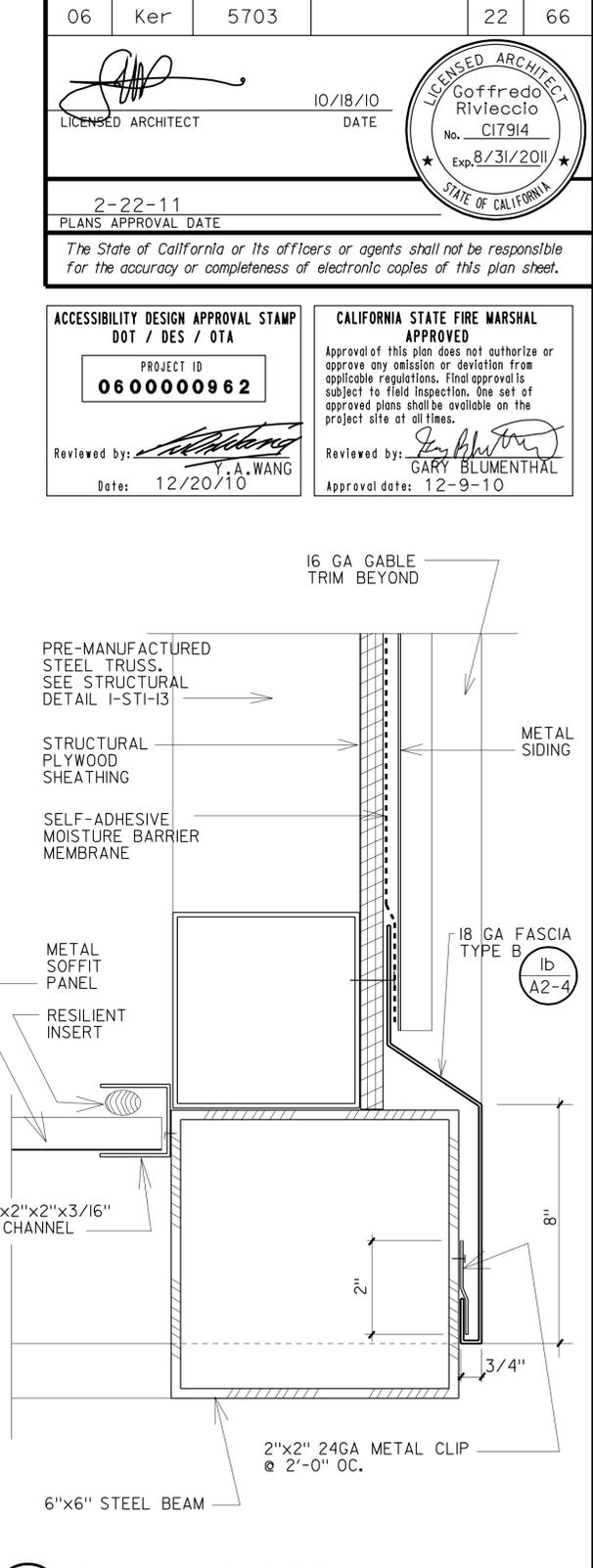
1 DORMER SECTION
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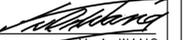
2 GABLE SECTION
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3 GABLE DETAIL
NTS



4 FLASHING DETAIL
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ACCESSIBILITY DESIGN APPROVAL STAMP
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 PROJECT ID **0600000962**
 Reviewed by:  Y. A. WANG
 Date: 12/20/10

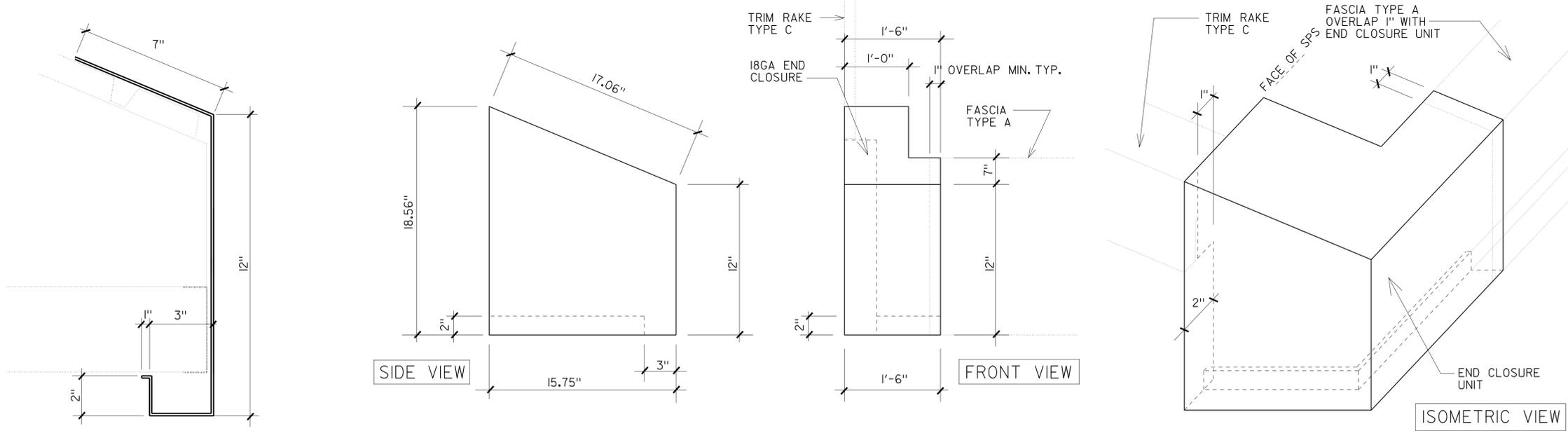
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a2_03.dgn TAEMWW Imperial Rev. 7/10 24-FEB-2011 10:36	DESIGN	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING DETAILS	SHEET
	DETAILS	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI			POST MILE			A2-3
CSFM FILE NO. 01-15-11-0034	QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO	UNIT PROJECT NUMBER & PHASE	3582 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
				0	1	2	3	- 07	

24-FEB-2011 10:36

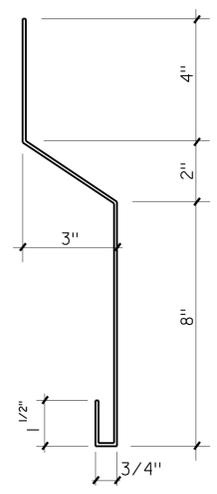
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2-22-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0600000962		CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve 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.	
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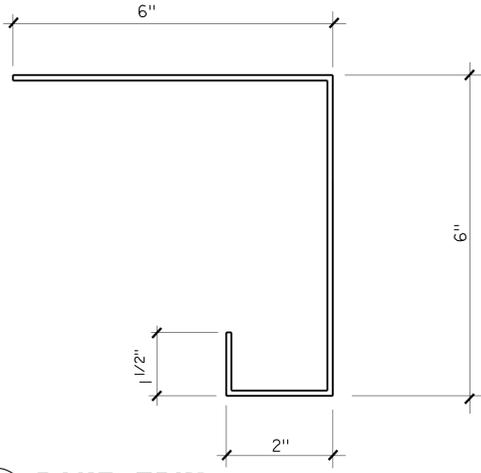


a FASCIA TYPE A- SECTION a-a

a.1 FASCIA TYPE A- END CLOSURE UNIT ELEVATIONS AND ISOMETRIC VIEW

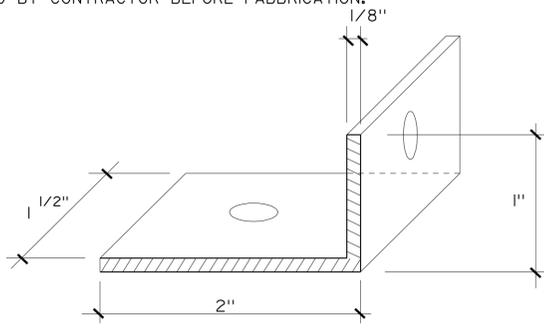


b FASCIA TYPE B- SECTION

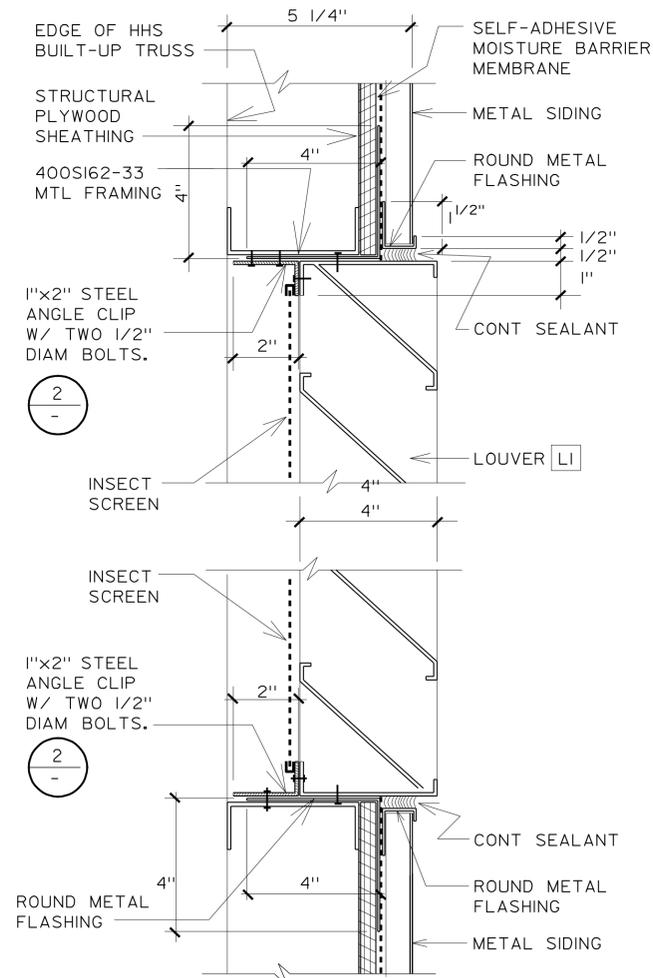


c RAKE TRIM

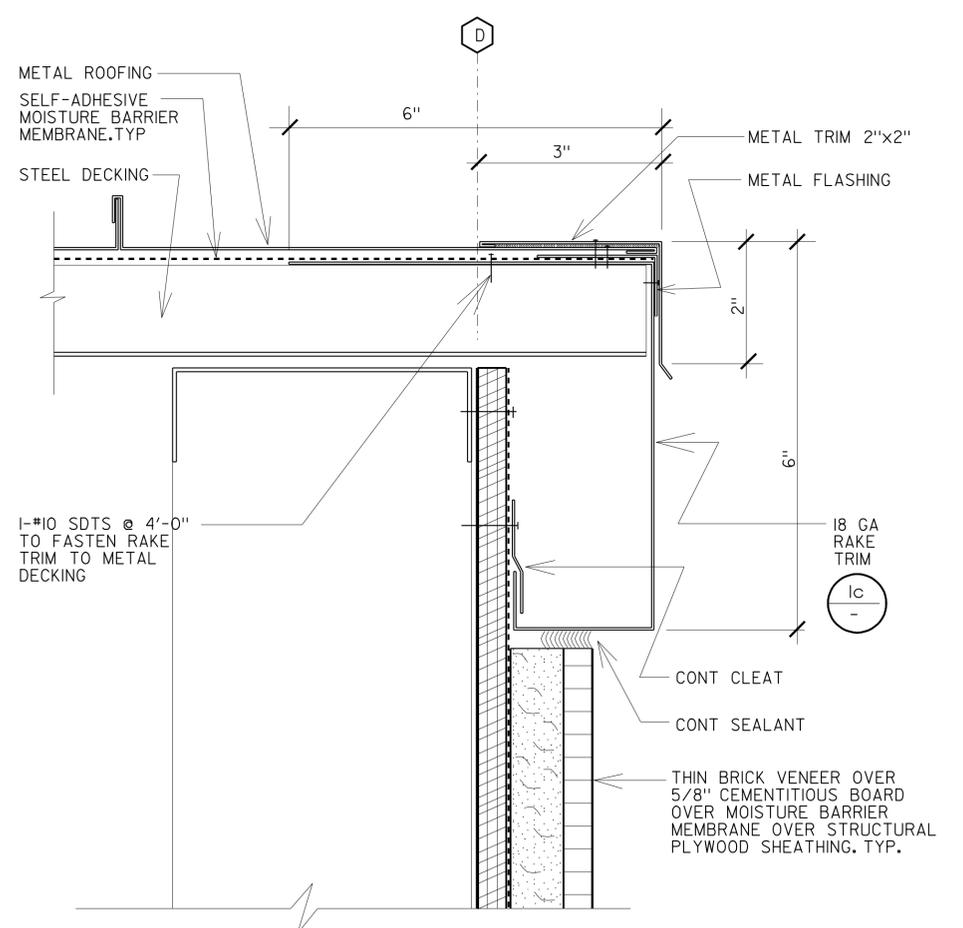
1 FASCIA AND RAKE TRIM DETAILS
 ALL FASCIA AND RAKE TRIM DIMENSIONS SHALL BE VERIFIED BY CONTRACTOR BEFORE FABBRICATION. NTS



2 ANGLE CLIP
 NTS



3 LOUVER SECTION DETAIL
 NTS



4 RAKE DETAIL
 NTS

a2_04.dgn TAEMWW Imperial Rev. 7/10	DESIGN	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING DETAILS	SHEET
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	QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO		UNIT PROJECT NUMBER & PHASE 3582 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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CSFM FILE NO. 01-15-11-0034

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

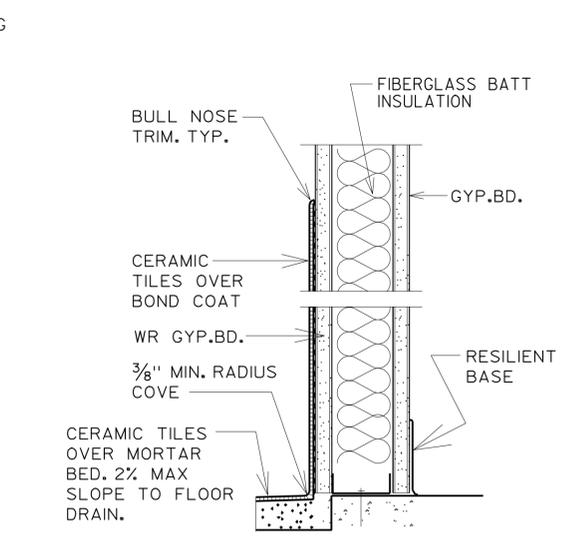
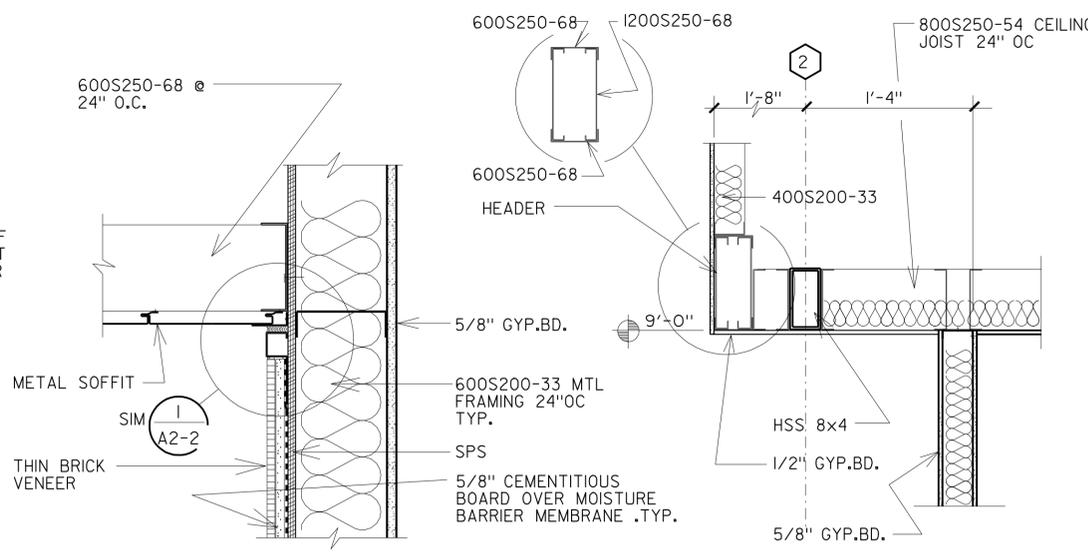
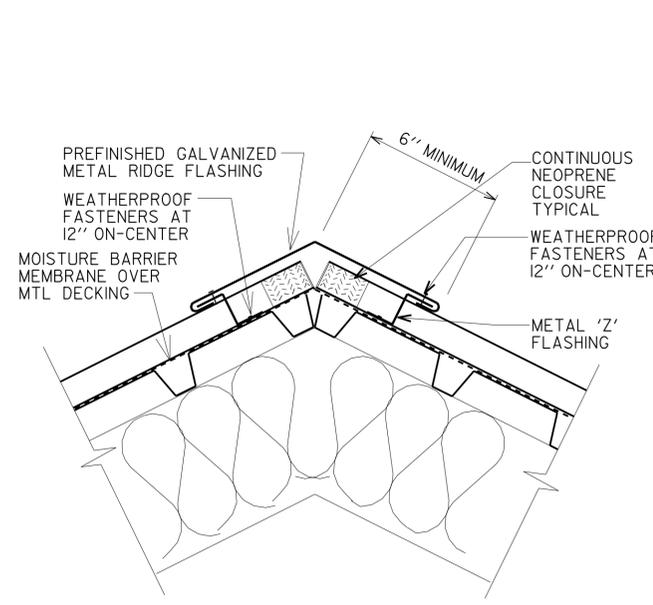
EA 0M4001

- -07

SHEET OF

24-FEB-2011 09:54

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 LICENSED ARCHITECT			10/18/10 DATE		
2-22-11 PLANS APPROVAL DATE <i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>					



ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0600000962
 Reviewed by: 
 Y. A. WANG
 Date: 12/20/10

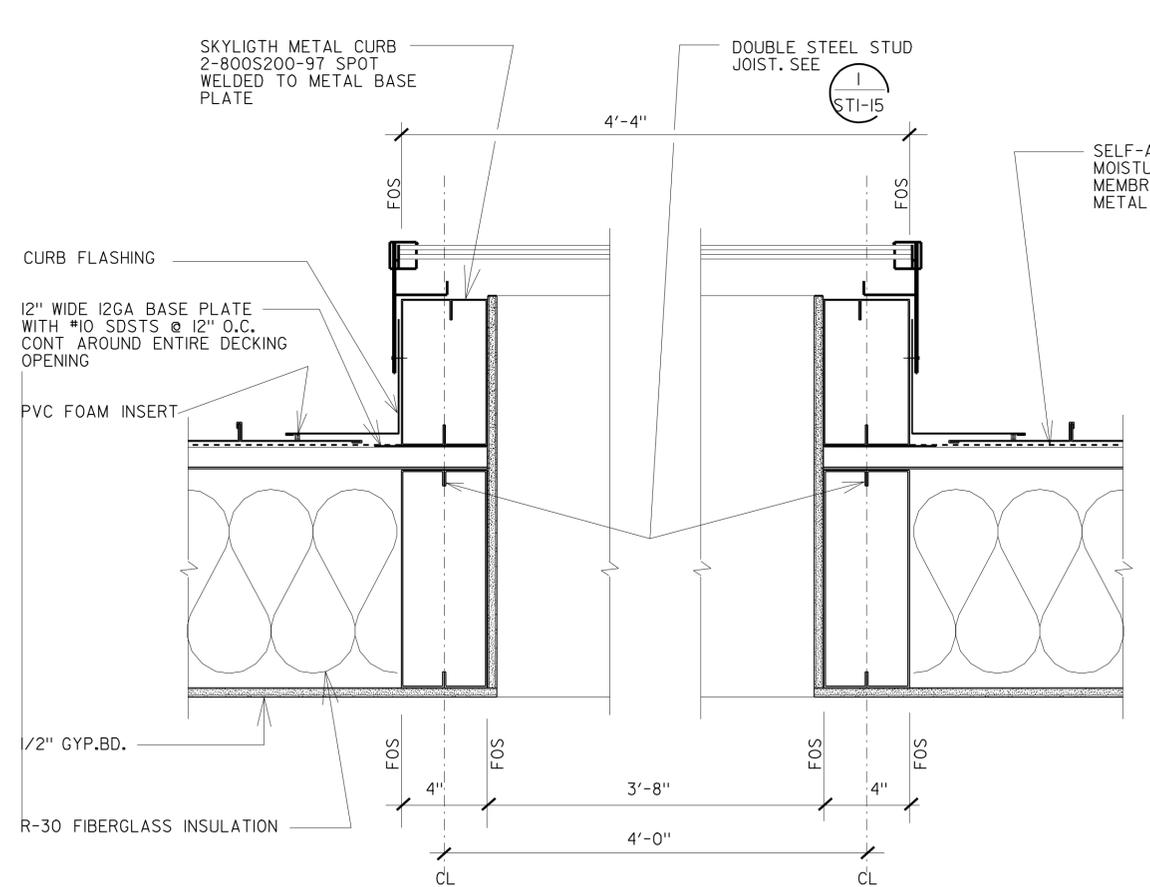
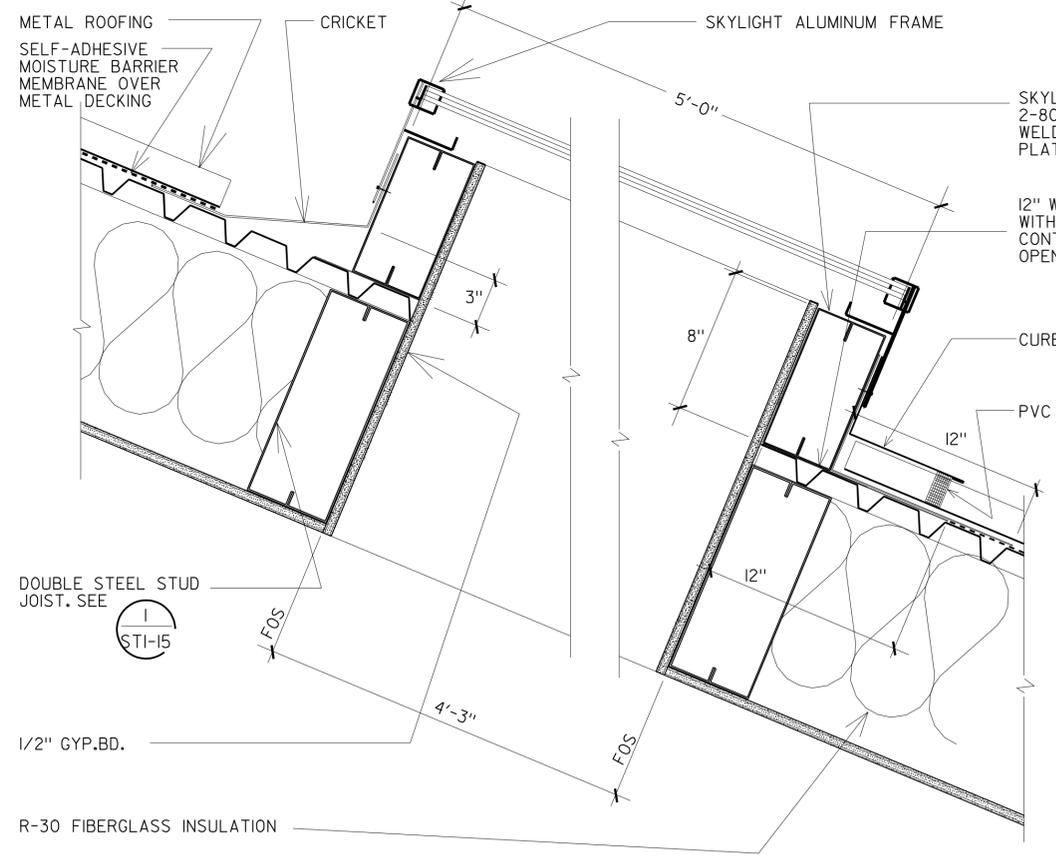
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 GARY BLUMENTHAL
 Approval date: 12-9-10

1 RIDGE CAP
NTS

2 WALL DETAIL
NTS

3 WALL DETAIL
NTS

4 WALL DETAIL
NTS

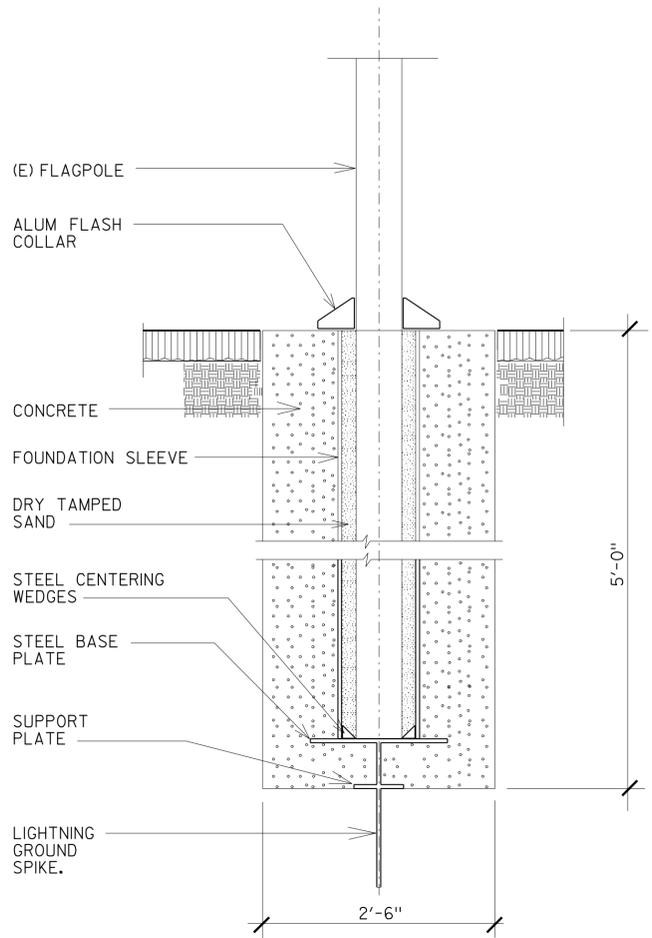


5 SKYLIGHT SECTION DETAIL
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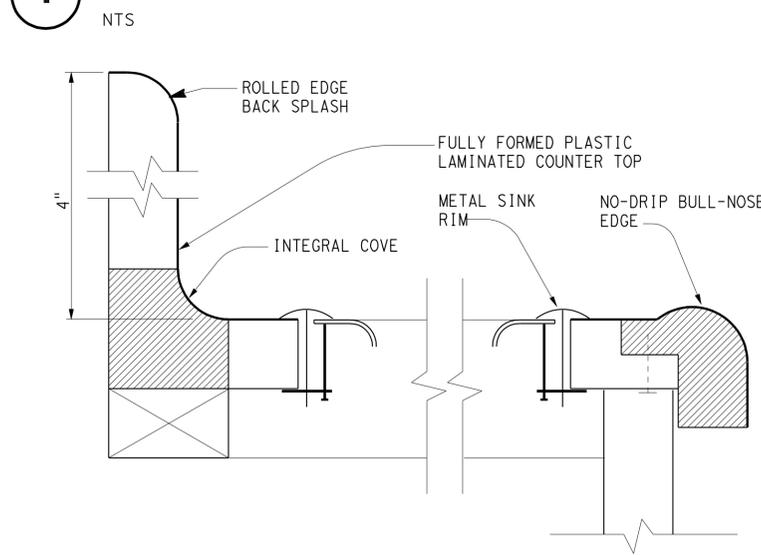
6 SKYLIGHT SECTION DETAIL
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a2_05.dgn TAEMWW Imperial Rev. 7/10 24-FEB-2011 09:54	DESIGN	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING DETAILS	SHEET A2-5
	DETAILS	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI		UNIT PROJECT NUMBER & PHASE 3582 06000009621	POST MILE		REVISION DATES (PRELIMINARY STAGE ONLY)
CSFM FILE NO. 01-15-11-0034	QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	EA 0M4001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	-07	24-FEB-2011 09:54

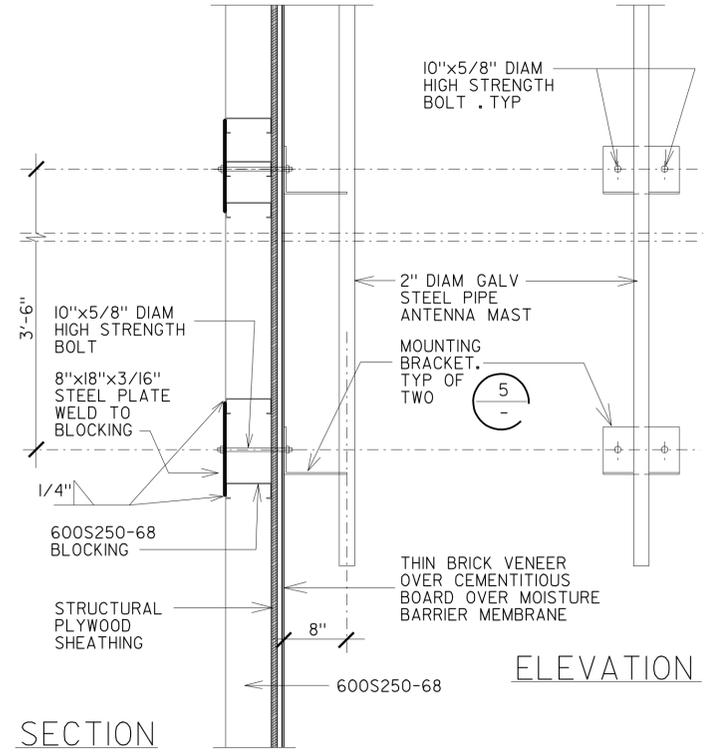
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2-22-11 PLANS APPROVAL DATE					
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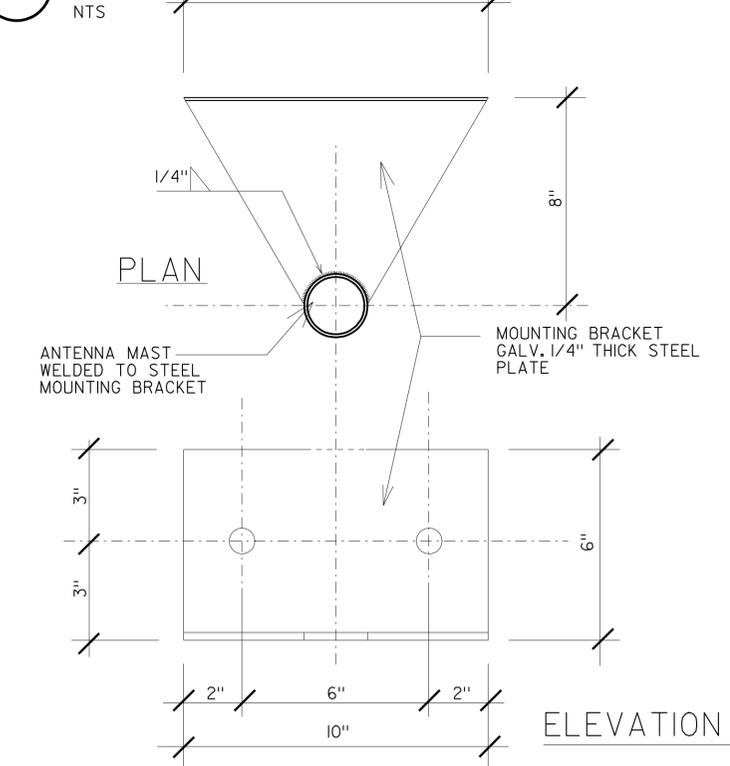
1 FLAGPOLE FOOTING



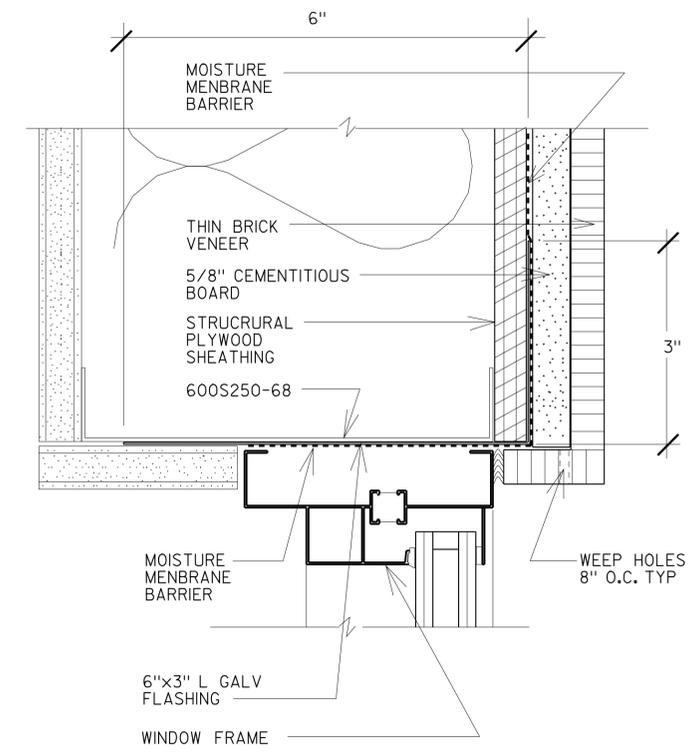
4 COUNTER TOP SECTION



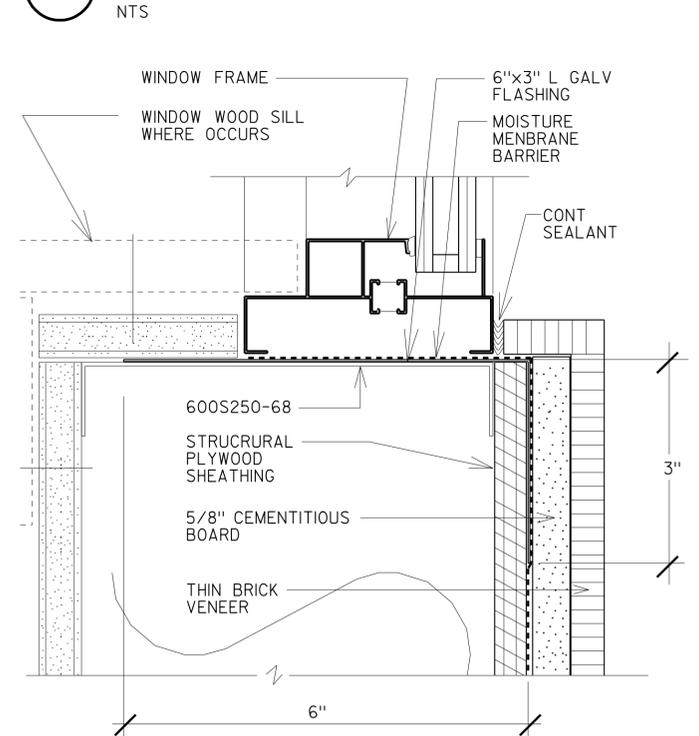
2 ANTENNA MAST DETAIL



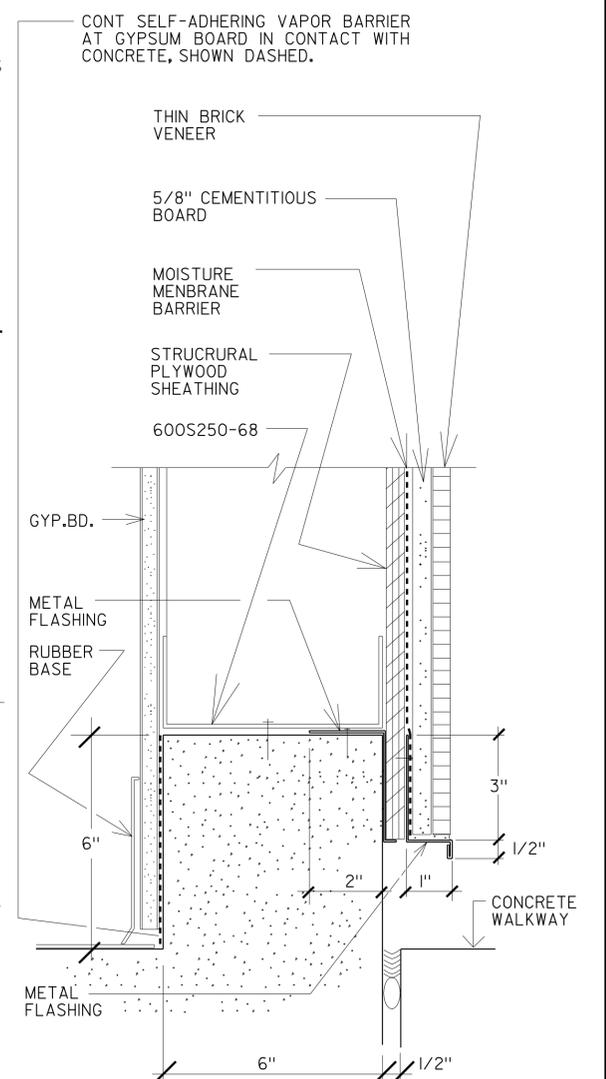
5 MOUNTING BRACKET



3 WINDOW HEAD DETAIL



6 WINDOW SILL DETAIL



7 WALL BASE CURB DETAIL

a2_06.dgn TAEWW Imperial Rev. 7/10	24-FEB-2011 09:59	CSFM FILE NO. 01-15-11-0034	DESIGN	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING DETAILS	SHEET A2-6
			DETAILS	BY GOFFREDO RIVIECCIO	CHECKED WARREN LAI		UNIT PROJECT NUMBER & PHASE 3582 06000009621	POST MILE		REVISION DATES (PRELIMINARY STAGE ONLY)
			QUANTITIES	BY DAVE FORBES	CHECKED KEVIN OKINO	EA 0M4001		DISREGARD PRINTS BEARING EARLIER REVISION DATES		07

24-FEB-2011 09:59

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		26	66


 REGISTERED CIVIL ENGINEER 10-12-10 DATE

PLANS APPROVAL DATE: 2-22-11

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REGISTERED PROFESSIONAL ENGINEER
 Gang Hong
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

ABBREVIATIONS

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

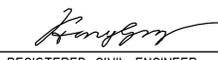
SYMBOLS

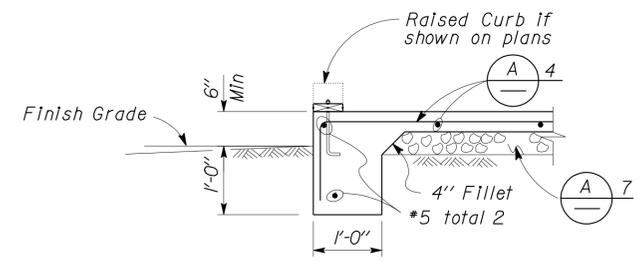
	Blocking in Section or Elevation		CMU Wall on Plan Views
	Continuous Member in Section		Dropped Slab on Plan Views
	End of Member		Reinforced Concrete
	Bearing Wall		Sand
	Shear Wall		Structural Backfill
	Length Shearwall Schedule Symbol Reference		Structural Excavation
	Glue Laminated Member Section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

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

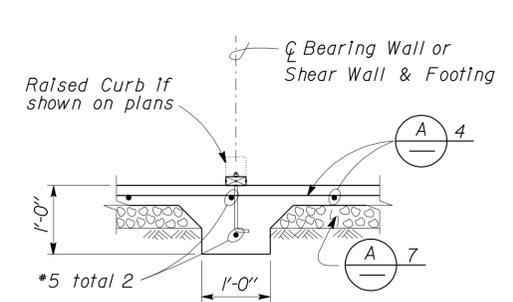
FILE NO. XS-25-0 DRAWING DATE 1-04		DESIGN BY <i>Sean Seibel</i> CHECKED BY <i>George E. Rowe</i> SUBMITTED BY <i>Sean Seibel</i>		APPROVED BY <i>R.E. Travis</i> DESIGN SUPERVISOR		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN		BRIDGE NO. 50M5703 POST MILE		BODFISH MAINTENANCE STATION OFFICE BUILDING LEGEND				SHEET ST-1 OF	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3						UNIT PROJECT NUMBER & PHASE 3581 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES 10-19-04				REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF			

IMPERIAL Rev. 9/02 EA 0M4001 st_01.dgn

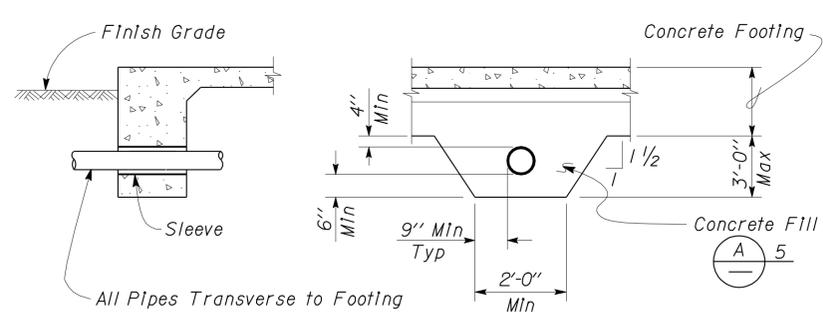
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		27	66
 REGISTERED CIVIL ENGINEER				10-12-10	DATE
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



1 EXTERIOR FOOTING
No Scale

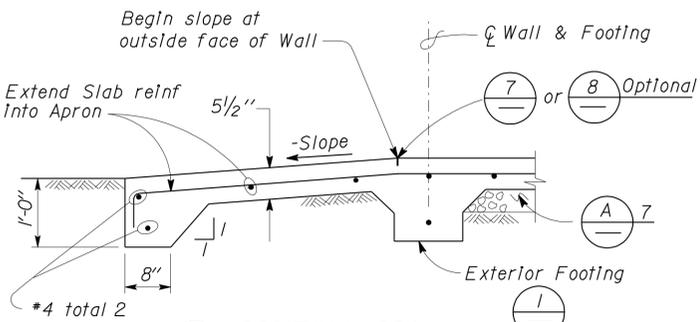


5 INTERIOR FOOTING
No Scale

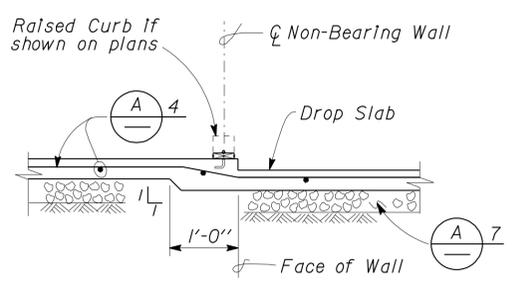


9 PIPE DETAILS THROUGH FOOTING
No Scale

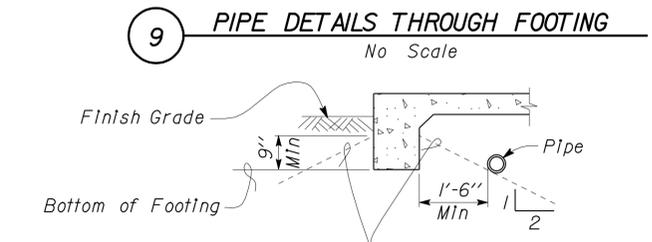
NOTE
No pipes permitted beneath Interior or Exterior Isolated Footings



2 DRIVEWAY APRON
No Scale



6 DROP SLAB AT NON-BEARING WALL
No Scale



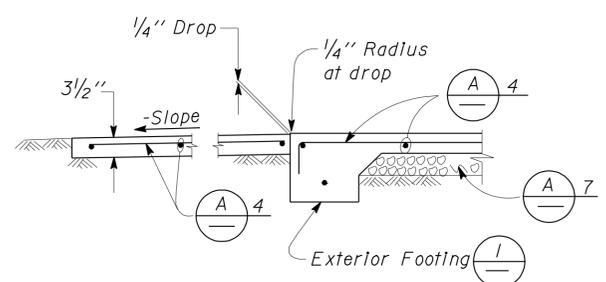
10 PIPE DETAILS PARALLEL TO FOOTING
No Scale

NOTE
No digging for Pipe Trench parallel to Footing below these lines.
For Pipe Cover, see Specifications: Earthwork for Building Work

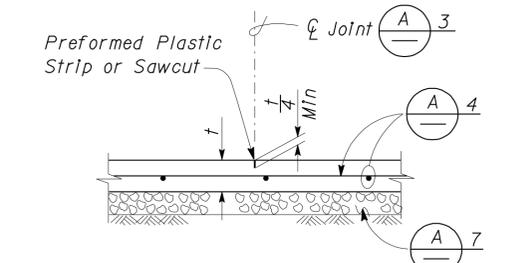
A CONCRETE NOTES

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

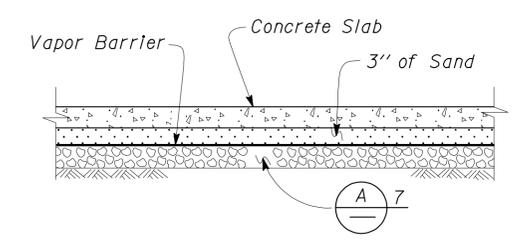
	Minimum Cover
a. Concrete cast against and permanently exposed to earth	3"
b. Concrete exposed to earth or weather but cast in forms:	
*6 thru *18 bars	2"
*5 bar and smaller, W31 or D31 Wire, and smaller	1 1/2"
c. Concrete not exposed to weather or in contact with ground:	
Slabs, Walls and Joists:	
*14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



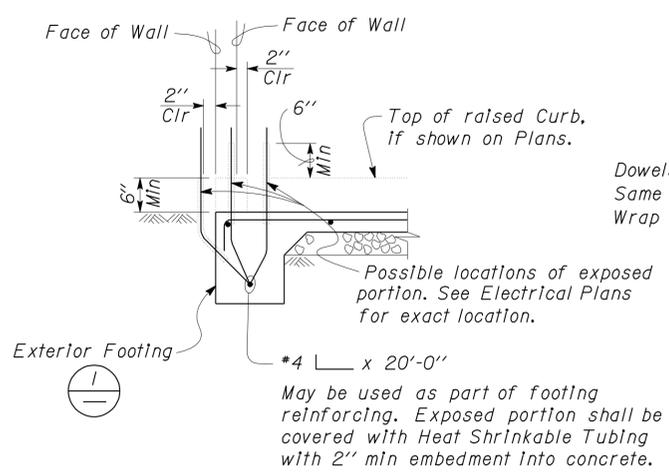
3 WALKWAY APRON
No Scale



7 CONTROL JOINT
No Scale

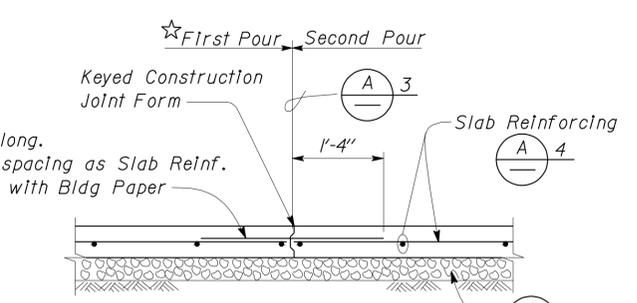


11 MOISTURE BARRIER
No Scale



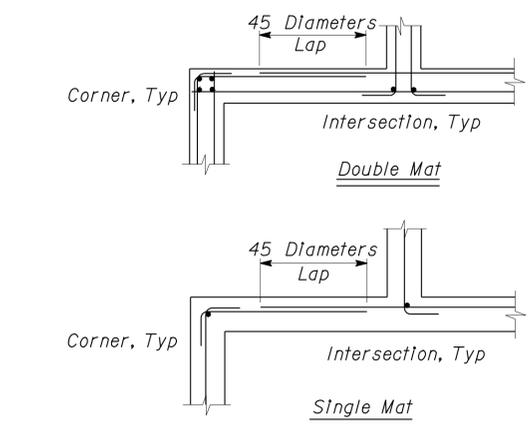
4 GROUND BAR DETAIL
No Scale

Dowels, 2'-8" long. Same size & spacing as Slab Reinf. Wrap one end with Bldg Paper.



8 CONTRACTION JOINT
No Scale

★ Slab concrete may be poured continuously across the Control Joint, to cover as large an area as practical.



12 CORNER/INTERSECTION REINF SPLICE, TYPICAL
No Scale

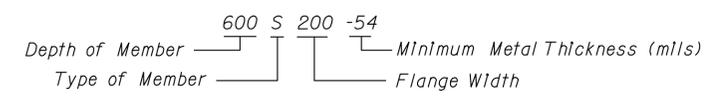
NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

FILE NO. XS-25-1	DESIGN BY <i>Sean Seavel</i>	CHECKED BY <i>John P. ...</i>	APPROVED BY <i>R.E. ...</i>
DRAWING DATE 1-04	DETAILS BY <i>John P. ...</i>	CHECKED BY <i>John P. ...</i>	DESIGN SUPERVISOR
	SUBMITTED BY <i>Sean Seavel</i>	DESIGN ENGINEER	

STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET ST-2
DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE	CONCRETE STANDARD	

UNIT PROJECT NUMBER & PHASE	3581 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
			04-19-10	

Cold-Formed Steel Shape Designation

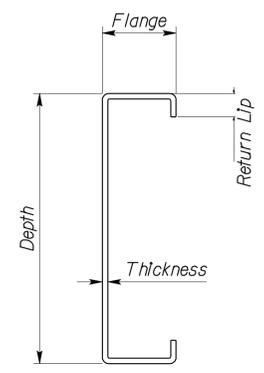


Example designation is for:
6.00" x 2.00" x 54 mils thick "C" member

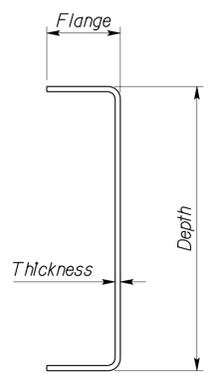
Web Depth — Depth of member in inches, to two (2) decimal places
Member Type — Only four types are used.
S = "C" member
T = Track member
F = Furring member
U = Channel member

Flange Width — Width of member in inches, to two (2) decimal places
Metal Thickness — Minimum uncoated thickness in mils (0.001 in).

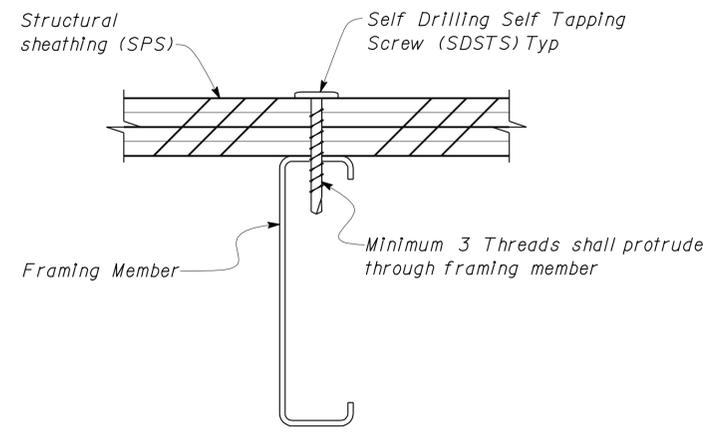
Design Thickness	
Mils	Gauge
27	22
33	20
43	18
54	16
68	14
97	12



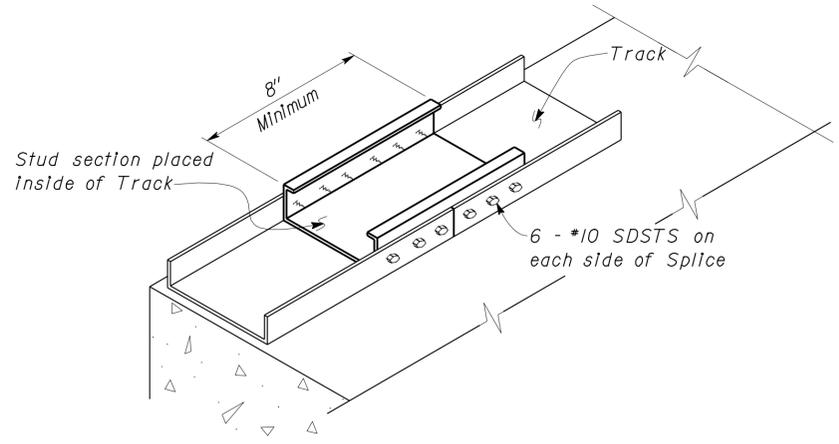
'C' (Stud) MEMBER
Member Type



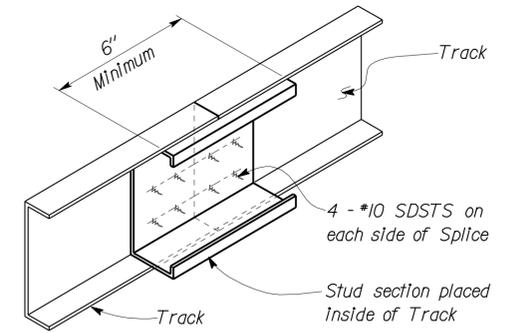
'T' (Track) MEMBER
Member Type



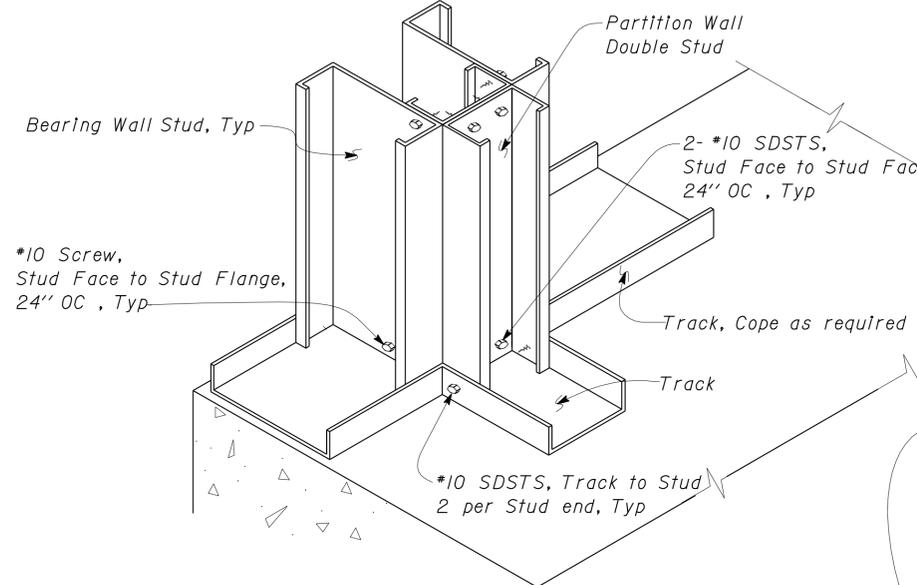
1 SCREW DETAIL
No Scale



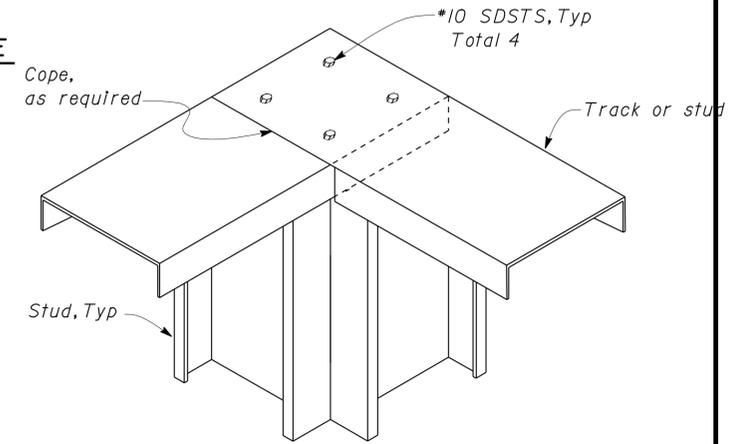
2 FLOOR TRACK SPLICE
No Scale



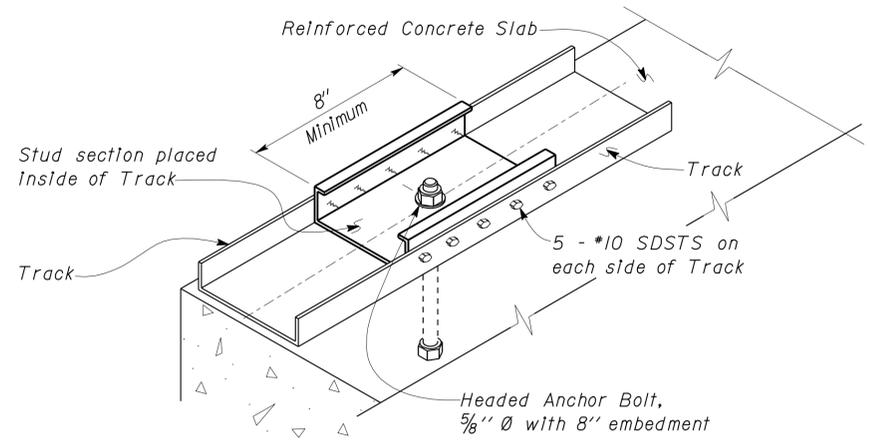
3 WALL TRACK SPLICE
No Scale



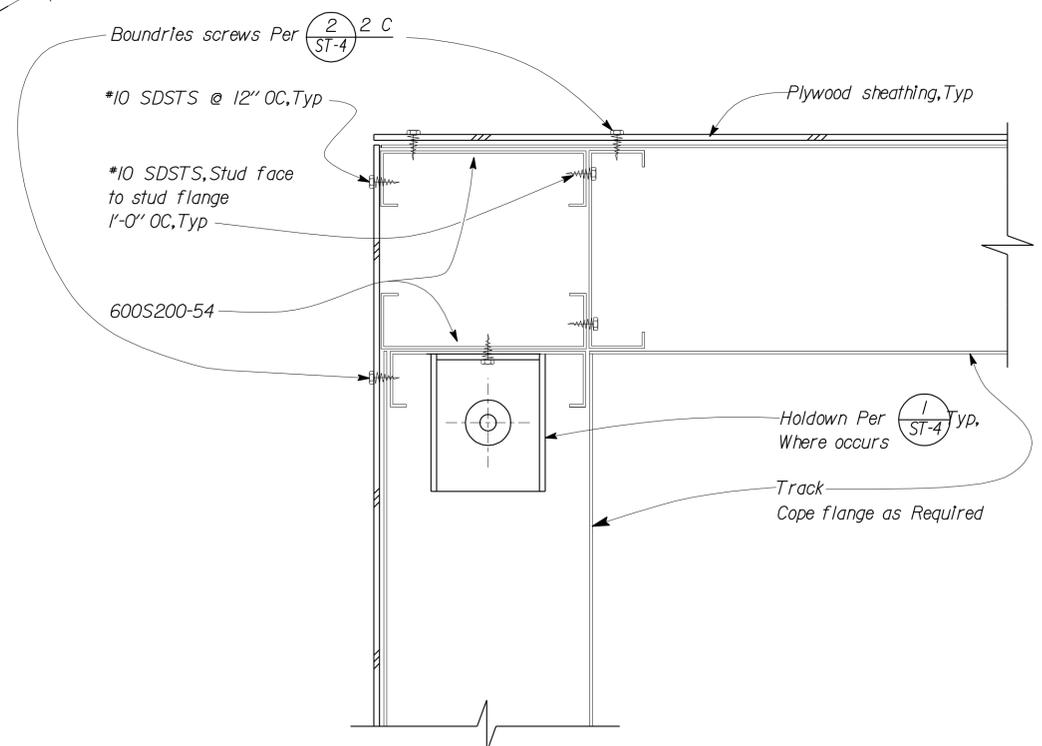
4 WALL INTERSECTION DETAIL
No Scale



5 TOP TRACK CONNECTION
No Scale



7 EXTERIOR WALL TRACK ANCHORAGE
No Scale



6 WALL CORNER CONNECTION
No Scale

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

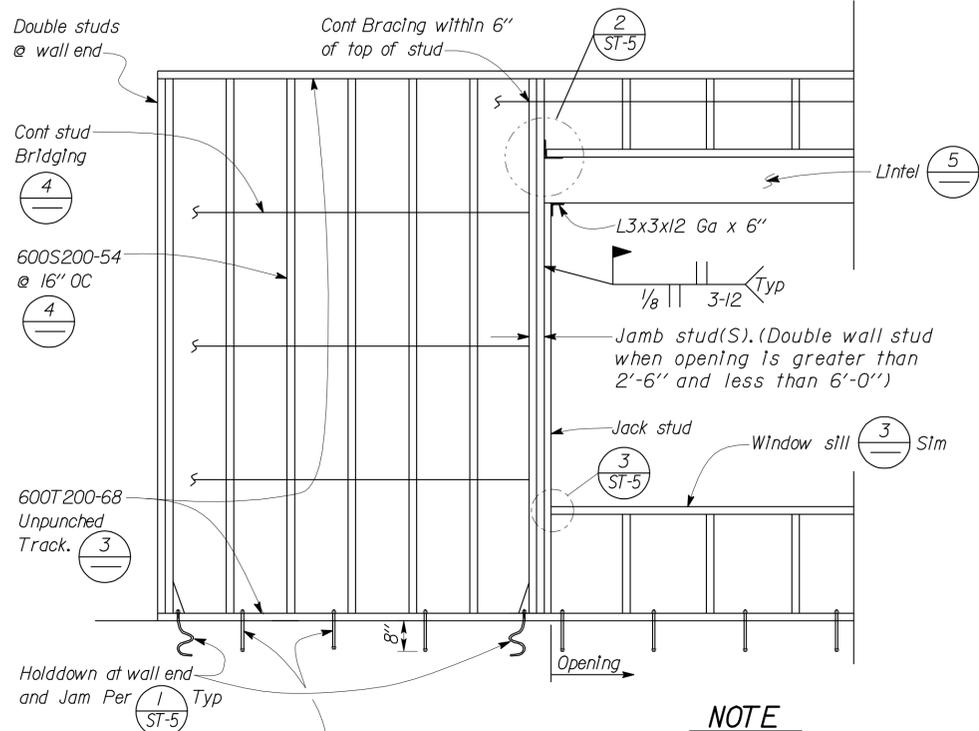
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
50M5703
POST MILE

BODFISH MAINTENANCE STATION OFFICE BUILDING
TRACK AND STUD GENERAL DETAILS

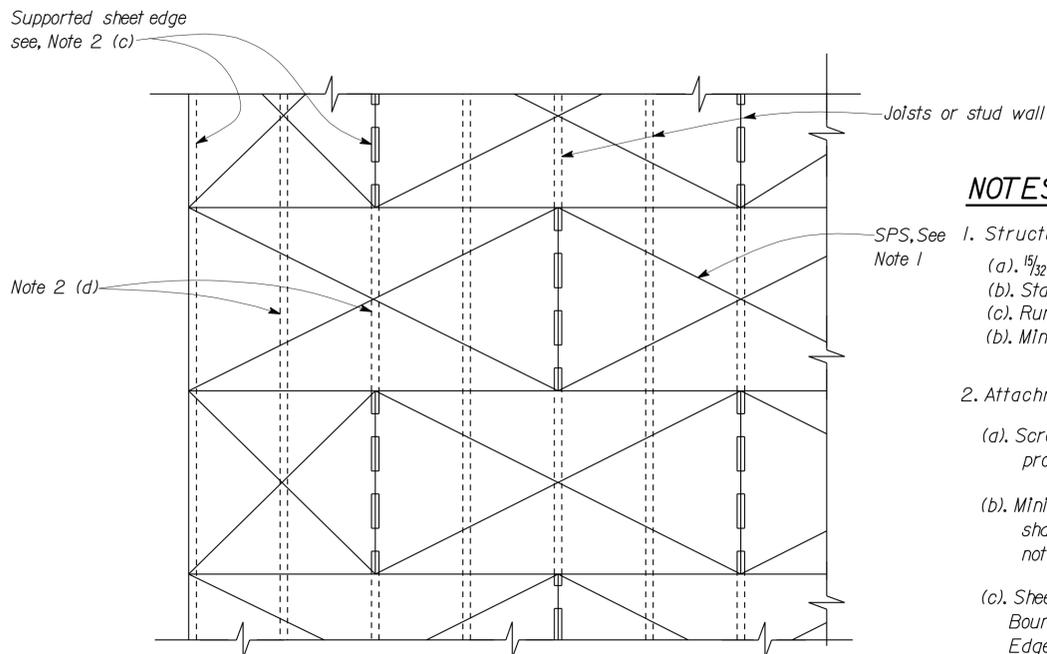
SHEET
ST-3

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		29	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
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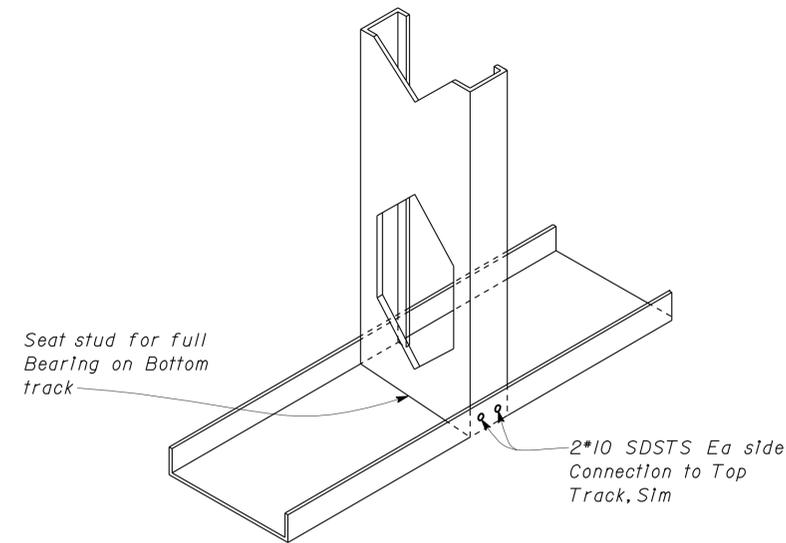
NOTE
Screws shall be #10 SDSTS w/min 3 threads protruding through Base framing

1 ELEVATION
Scale 1/2" = 1'-0"

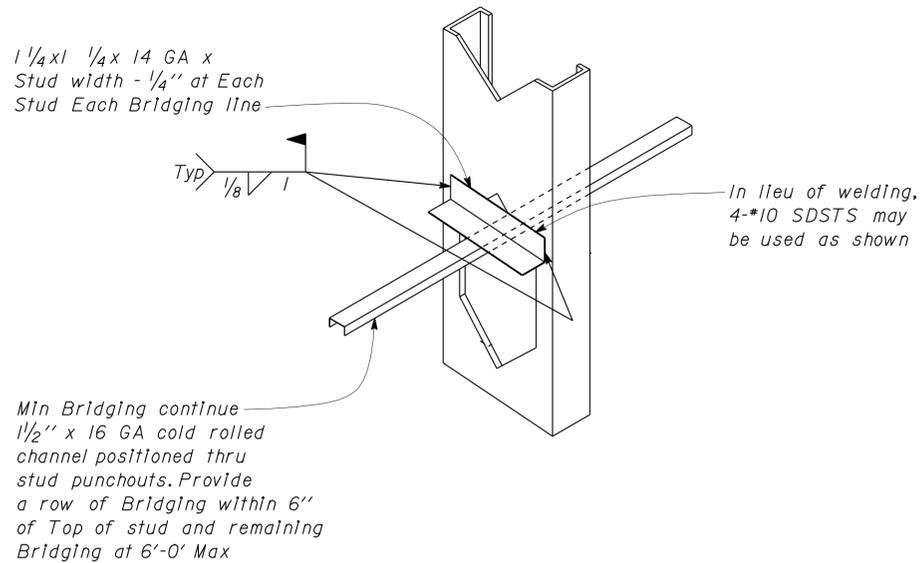


- NOTES**
- Structural Plywood Sheathing (SPS)
 - 1/2" Plywood, Panel grade structural I.
 - Stagger sheets as shown
 - Run face grain perpendicular to supports
 - Minimum sheet size shall be 2'-0" x 4'-0"
 - Attachments
 - Screws shall be #10 SDSTS w/min 3 threads protruding through Base framing
 - Minimum edge distance shall be 3/8" and screws shall stagger at adjacent plywood sheet, and shall not be overdriven through outer ply.
 - Sheet edges: Screw at 4" OC
Boundary Screw at 4" OC
Edges of openings: Screws at 4" OC
 - Intermediate support: Screw at 12" OC

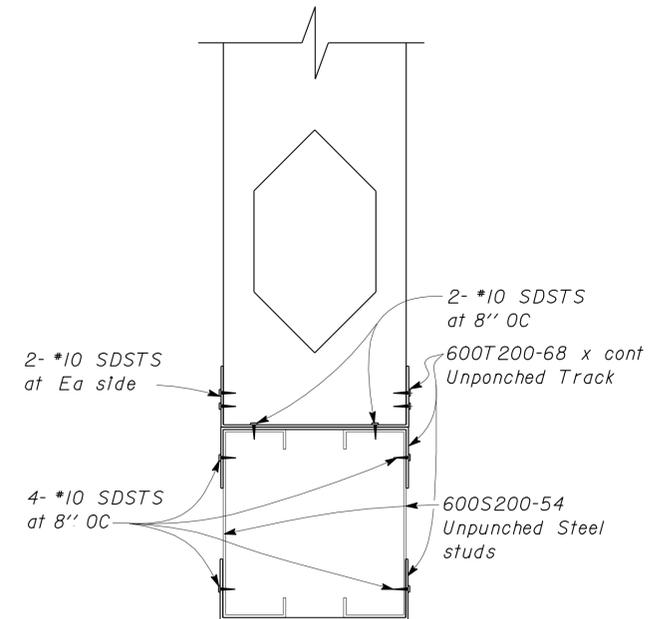
2 STRUCTURAL PLYWOOD SHEATHING (SPS)
Scale 1/2" = 1'-0"



3 TYPICAL STUD TO TRACK CONNECTION
NO SCALE



4 TYPICAL STUD BRACING
NO SCALE



5 LINTELS AT OPENINGS UP TO 6'-0"
NO SCALE

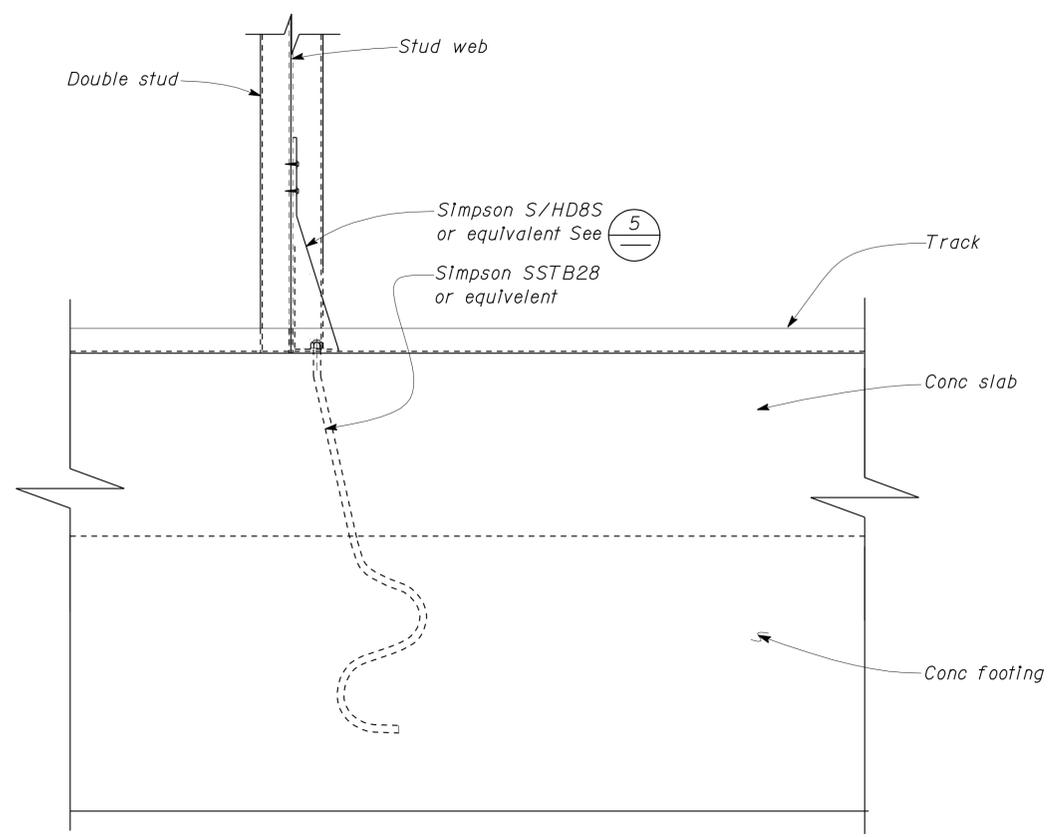
DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

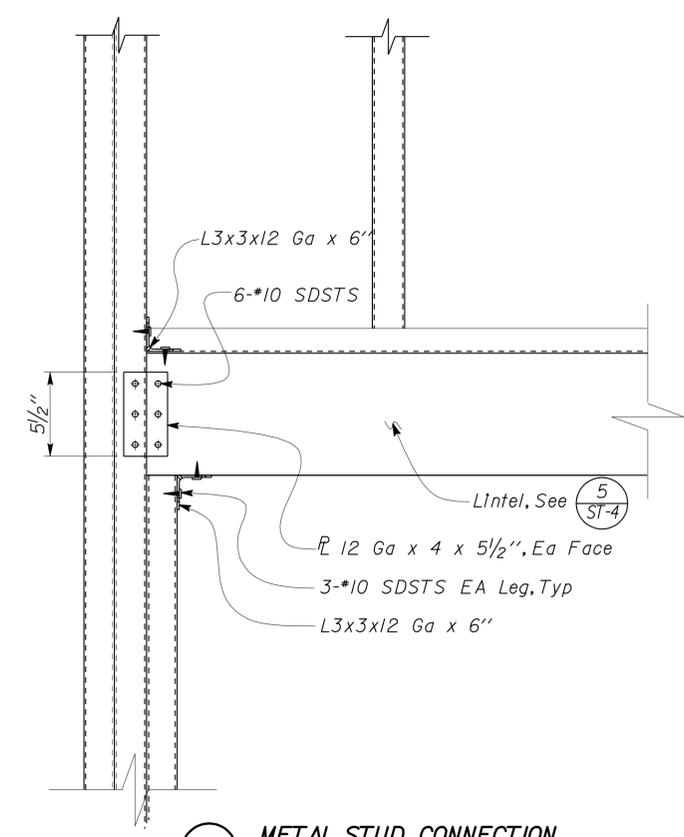
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	TRACK AND STUD GENERAL DETAILS-2	SHEET ST-4
POST MILE				

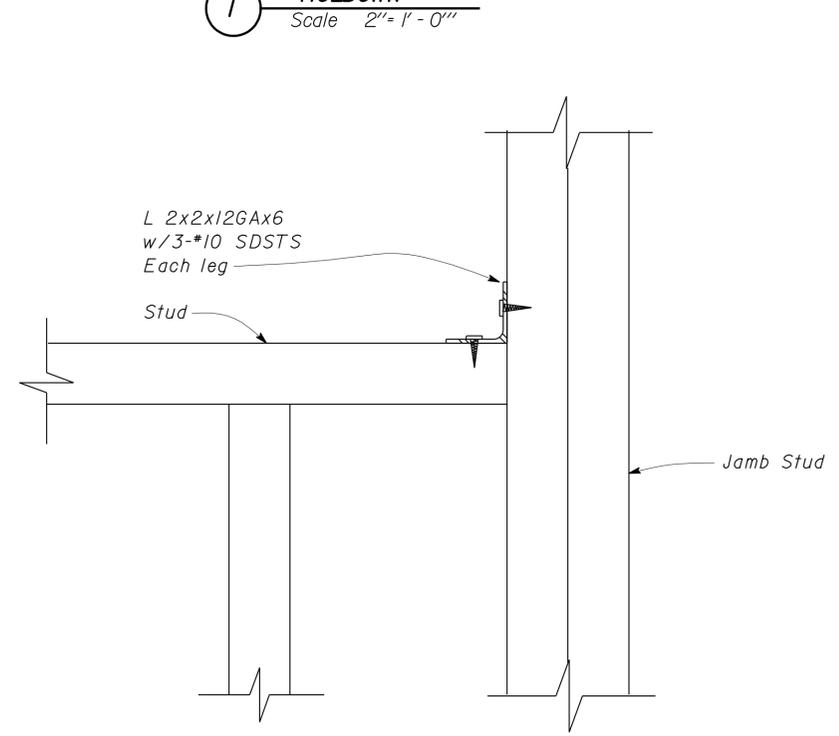
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		30	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
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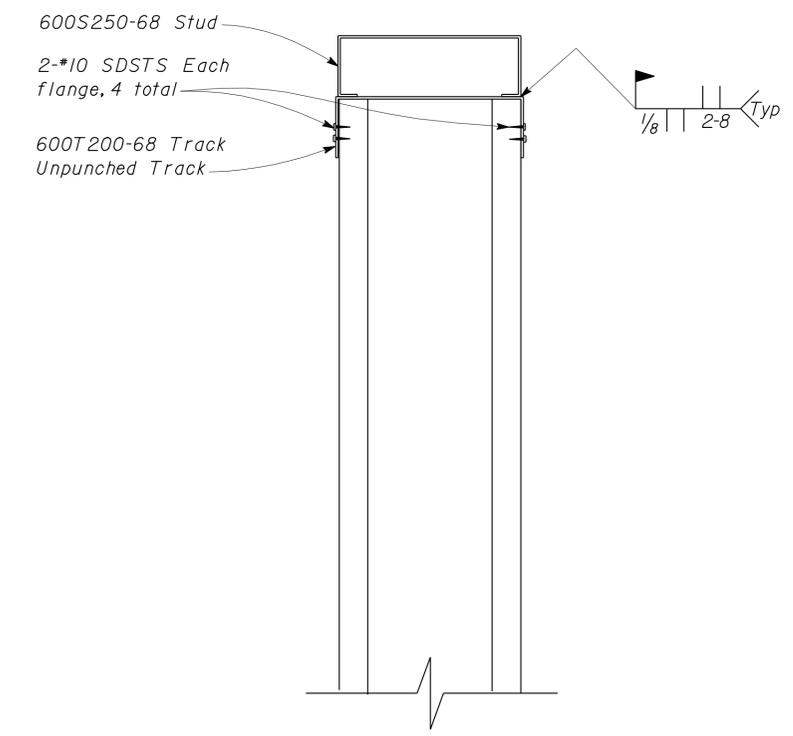
1 HOLDOWN
Scale 2" = 1' - 0"



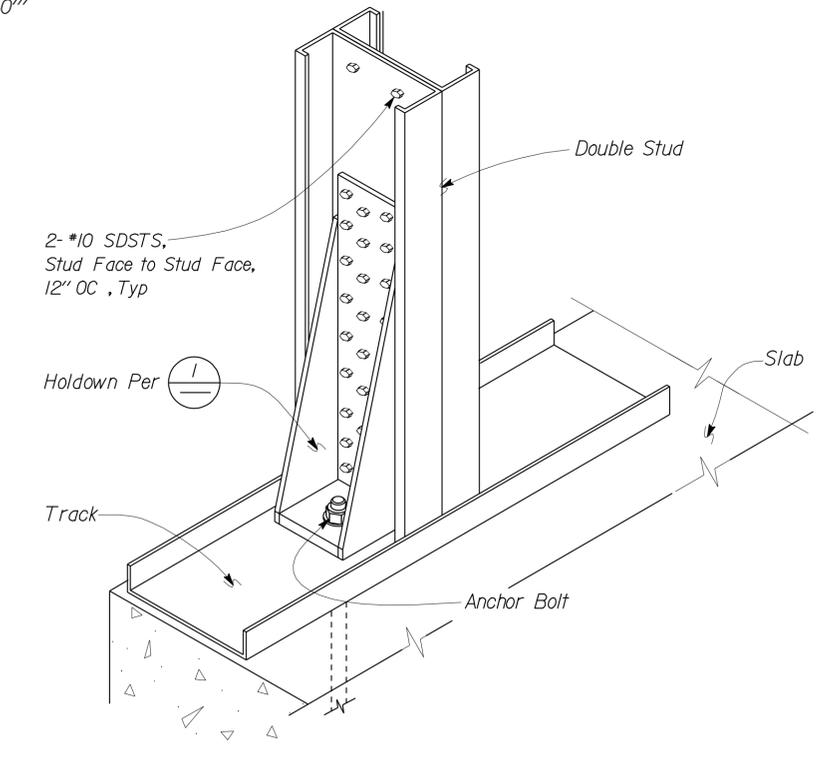
2 METAL STUD CONNECTION
Scale 2" = 1' - 0"



3 TYP END CONNECTED OF SILL DETAIL
Scale 4" = 1' - 0"



4 TOP OF BEARING WALL
Scale 4" = 1' - 0"



5 HOLDOWN DETAIL
No Scale

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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.
50M5703
POST MILE

BODFISH MAINTENANCE STATION OFFICE BUILDING
TRACK AND STUD GENERAL DETAILS-3

SHEET
ST-5

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		31	66

 10-12-10
 REGISTERED CIVIL ENGINEER DATE



2-22-11
 PLANS APPROVAL DATE

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PROJECT DESIGN CRITERIA

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

DETAIL NOTES

LOADS

SEISMIC: Occupancy Category = II
 Importance Factor $I = 1.0$
 Site Soil Class = D
 $S_S = 1.18g$ $S_{DS} = 0.81g$
 $S_I = 0.39g$ $S_{DI} = 0.41g$

Seismic Design Category = D
Seismic Force-Resisting System:
Braking Wall System

North - South

Light framed wall sheathed with wood structural panels rated for shear resistance.

$R = 6.5$ $C_S = 0.06g$

East - West

Light framed wall sheathed with wood structural panels rated for shear resistance.

$R = 6.5$ $C_S = 0.06g$

WIND: Basic Wind Speed = 85 mph $I = 1.0$
 $\lambda = 1.21$ $P_{S30} = \pm 13psf$

$K_{zt} = 1.0$

Wind Pressure on Components and Cladding = 18.2 psf

LIVE LOAD: Roof = 20 psf

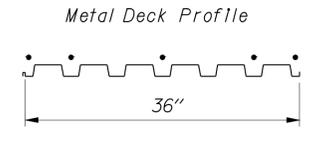
- For Concrete see: "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; unless otherwise noted.
- All lock washers shall be helical spring lock washers.

METAL DECK MINIMUM SECTION PROPERTIES

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Metal Decking	1 1/2 x 16 Ga	0.377 in ⁴ /ft	0.411 in ³ /ft	0.417 in ³ /ft	38 Ksi

Note
 Minimum 3 Span Condition

ATTACHMENT SCHEDULE and METAL DECK PROFILE

Metal Deck Profile	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	Diaphragm Shear Capacity
	7-*10 SDSTS Per Support	*10 SDSTS @ 12" OC	1/2" Long Side seam weld @ 12" OC	1900 lb/ft

A STEEL DECK NOTES

MATERIALS

REINFORCED CONCRETE: (Ultimate Strength Design):
 $f'_c = 3000$ psi
 $f_y = 60,000$ psi

STRUCTURAL STEEL: (Allowable Strength Design):

Channels, Angles & Misc. Shapes $F_y = 36$ ksi
 Plates $F_y = 36$ ksi
 Hollow Structural Section (HSS) $F_y = 46$ ksi

COLD FORMED STEEL: shall be $F_y = 50$ ksi

FOUNDATION:
 Soils report dated : July 30, 2010
 Allowable Soil Pressure (DL + LL) : = 2000 psf

For Soil Classification, see Log of Test BorIng Sheets.

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

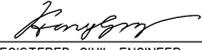
DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
50M5703
POST MILE

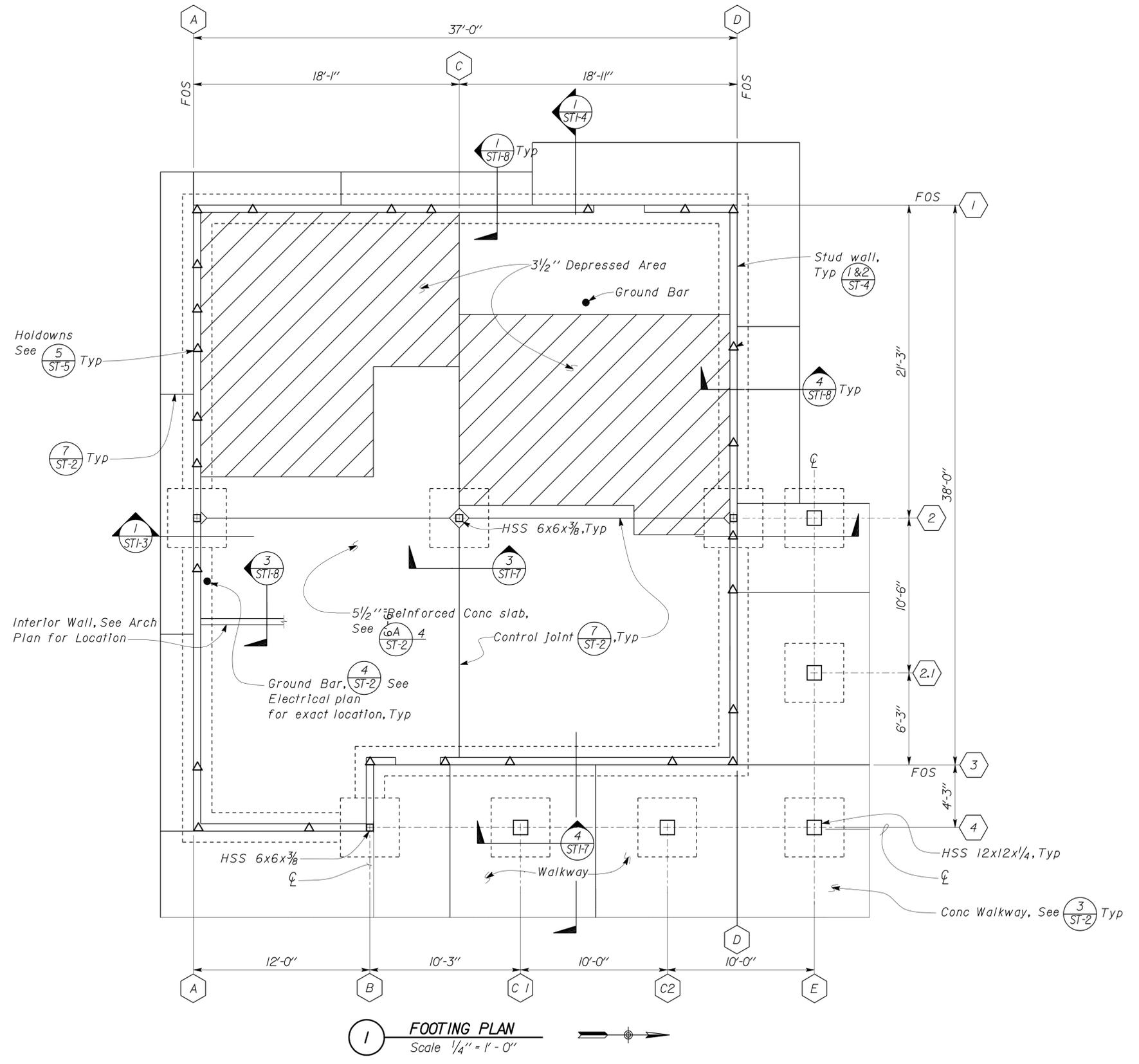
BODFISH MAINTENANCE STATION OFFICE BUILDING
 DESIGN CRITERIA AND DETAIL NOTES

SHEET
ST1-0

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		32	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 PLANS APPROVAL DATE 2-22-11

REGISTERED PROFESSIONAL ENGINEER
 Gang Hong
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA



1 FOOTING PLAN
 Scale 1/4" = 1'-0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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.	50M5703
POST MILE	

BODFISH MAINTENANCE STATION OFFICE BUILDING
 FOUNDATION FLOOR PLAN

SHEET	ST1-1
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TAEMWW Imperial Rev. 7/10

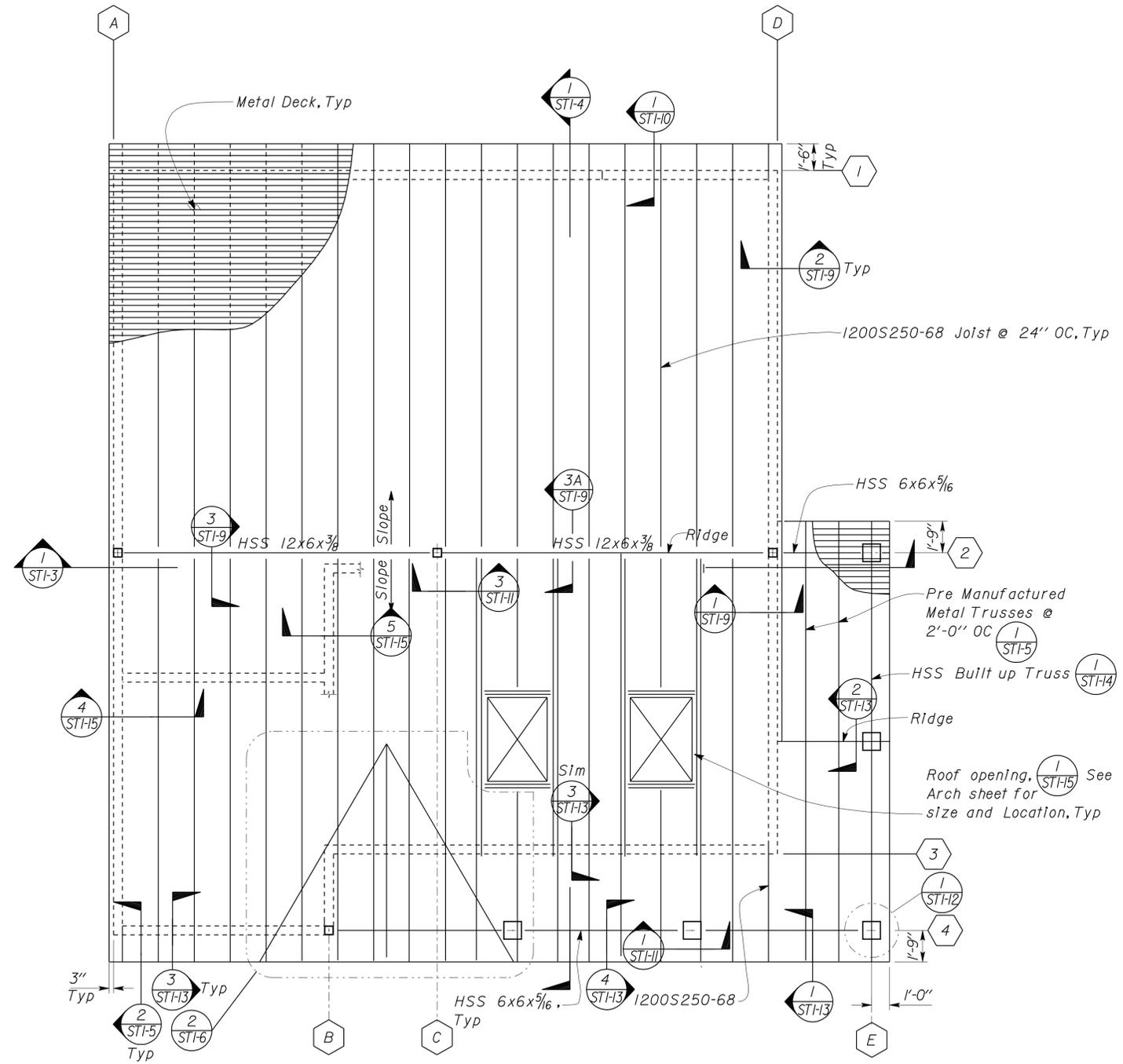
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT PROJECT NUMBER & PHASE	3581 06000009621
-----------------------------	---------------------

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)
	04-14-10 06-17-10 07-22-10 08-23-10 09-07-10 09-28-10 10-03-10 10-04-10 10-02-04-11

SHEET	OF
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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		33	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
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A DESIGN NOTES

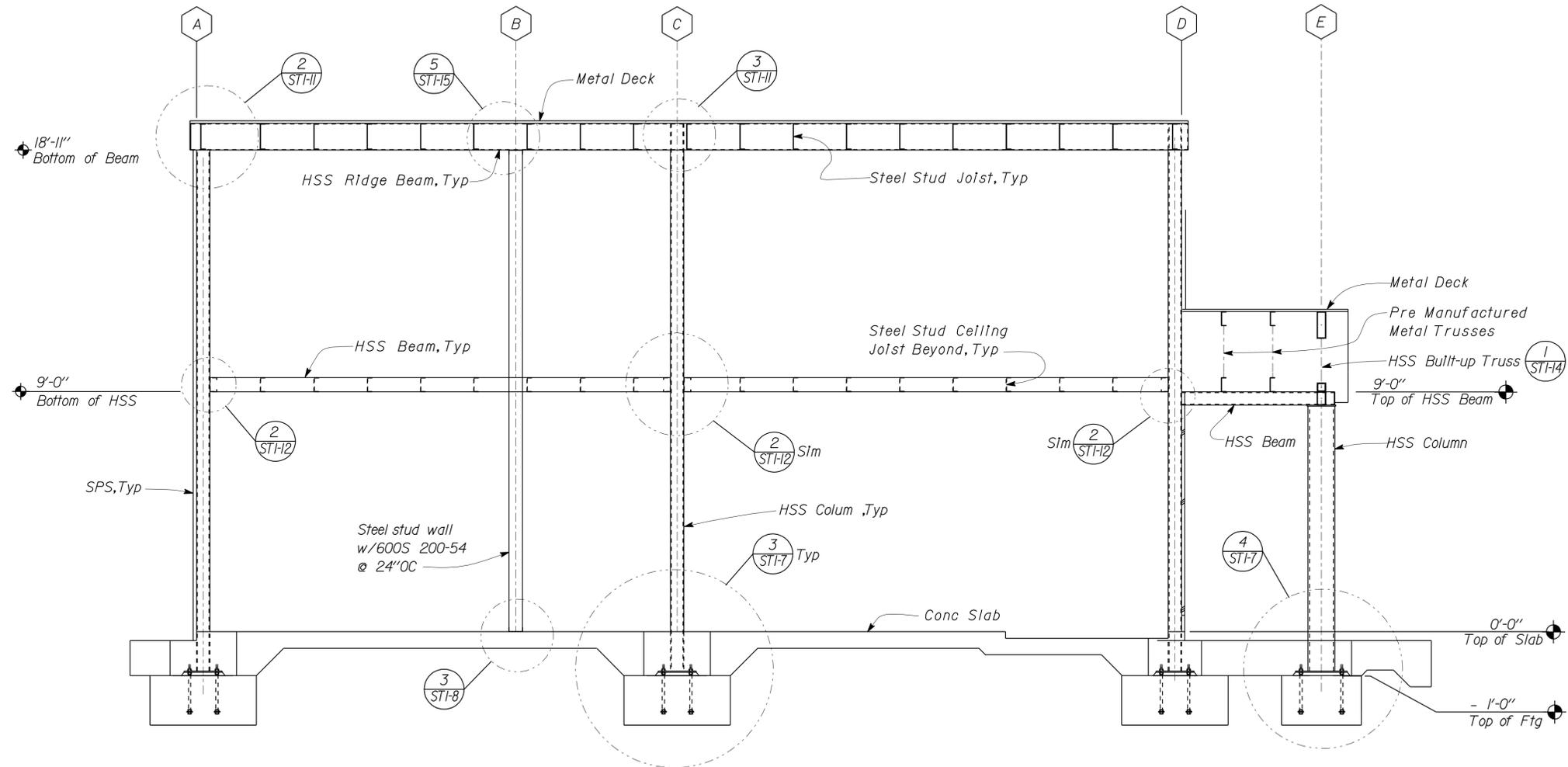
- DEFLECTION CRITERIA FOR DESIGN:**
- A) Total load deflection of mid-span shall be limited to L/240 of the span.
 - B) Total load deflection of mid-span shall be limited to L/360 of the span.
- DESIGN LOAD**
- Live Load=20 psf
 - Dead Load=25 psf
 - Up Lift=10 psf

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

DESIGN BY Gang Hong CHECKED Edgardo Isidro	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET
			50M5703			
DETAILS BY Andrew A. Lovato CHECKED Gang Hong	PROJECT NUMBER & PHASE 06000009621	POST MILE	ROOF PLAN		OF	
QUANTITIES BY	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT 3581	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
TAEMWW Imperial Rev. 7/10	0 1 2 3	EA 0M4001	04-20-10 05-17-10 07-22-10 08-23-10 09-07-10 09-28-10 10-04-10 10-02-04-11		SHEET OF	

24-FEB-2011 11:38

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		34	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					

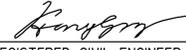


SECTION 1
Scale $\frac{3}{8}'' = 1' - 0''$

DESIGN	BY	Gang Hong	CHECKED	Edgardo Isidro	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET
	DETAILS	BY	Andrew A. Lovato	CHECKED			Gang Hong	50M5703	SECTIONS 3	
QUANTITIES	BY		CHECKED				POST MILE			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	UNIT PROJECT NUMBER & PHASE	
TAEMWW Imperial Rev. 7/10					06000009621		3581 06000009621		DISREGARD PRINTS BEARING EARLIER REVISION DATES	
							REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
							05-03-10 07-22-10 09-07-10 10-04-10 02-04-11			
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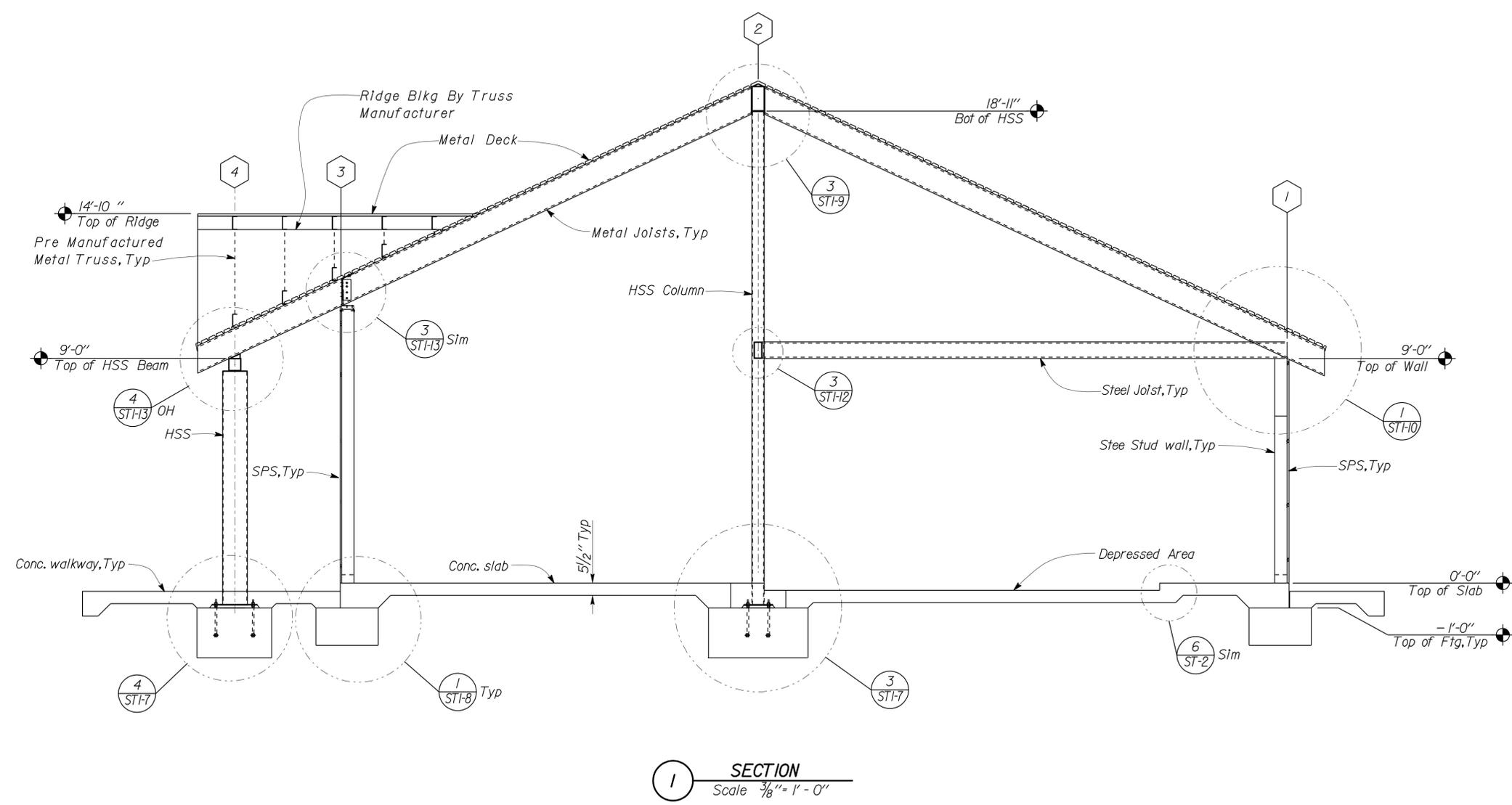
24-FEB-2011 11:38

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		35	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 PLANS APPROVAL DATE 2-22-11

REGISTERED PROFESSIONAL ENGINEER
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

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SECTION 1
Scale 3/8" = 1'-0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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.	50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SECTION DETAILS	SHEET OF
POST MILE				

SHEET ST1-4

TAEMWW Imperial Rev. 7/10

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



UNIT 3581
 PROJECT NUMBER & PHASE 06000009621
 EA 0M4001

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
	04-23-10 05-18-10 07-22-10 09-07-10	

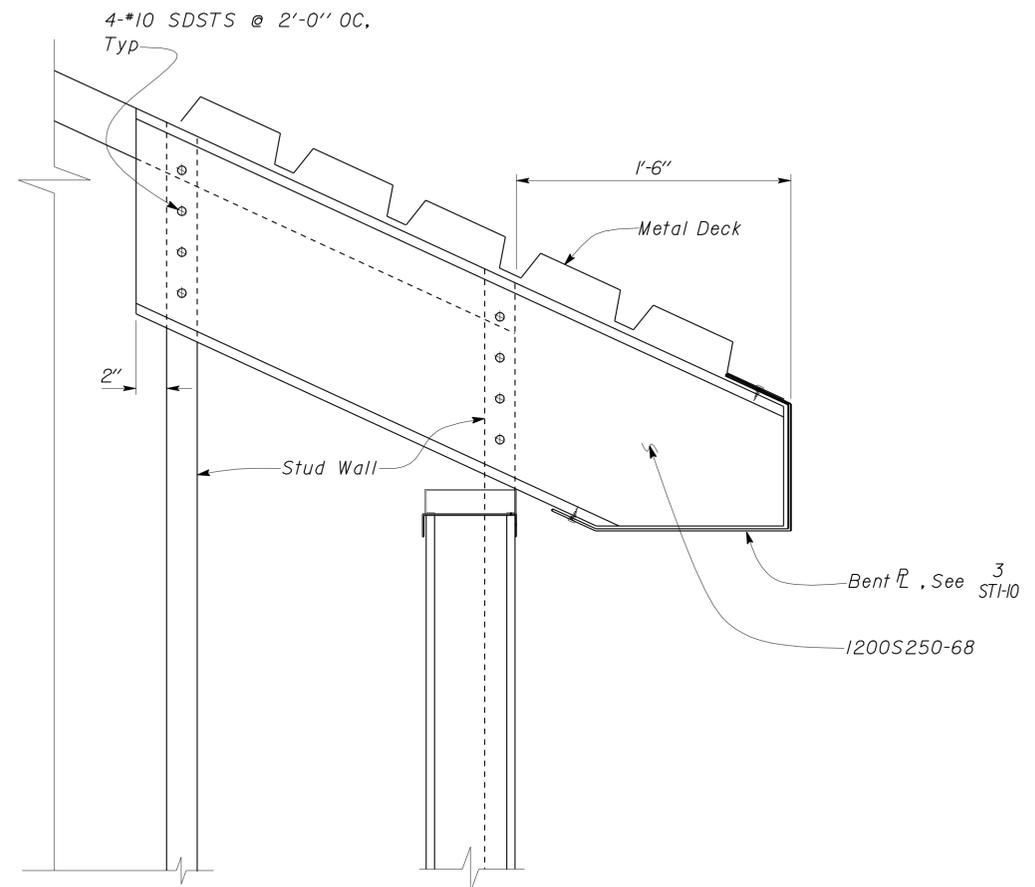
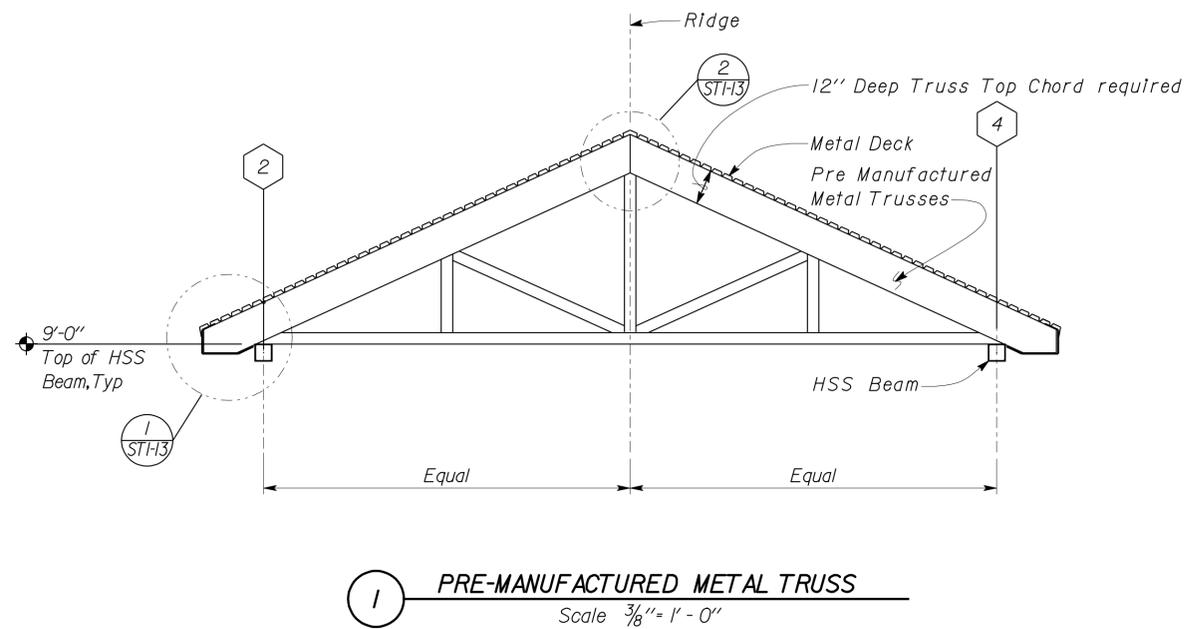
24-FEB-2011 11:38

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		36	66


 REGISTERED CIVIL ENGINEER DATE 10-12-10
 PLANS APPROVAL DATE 2-22-11

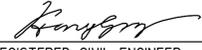


The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

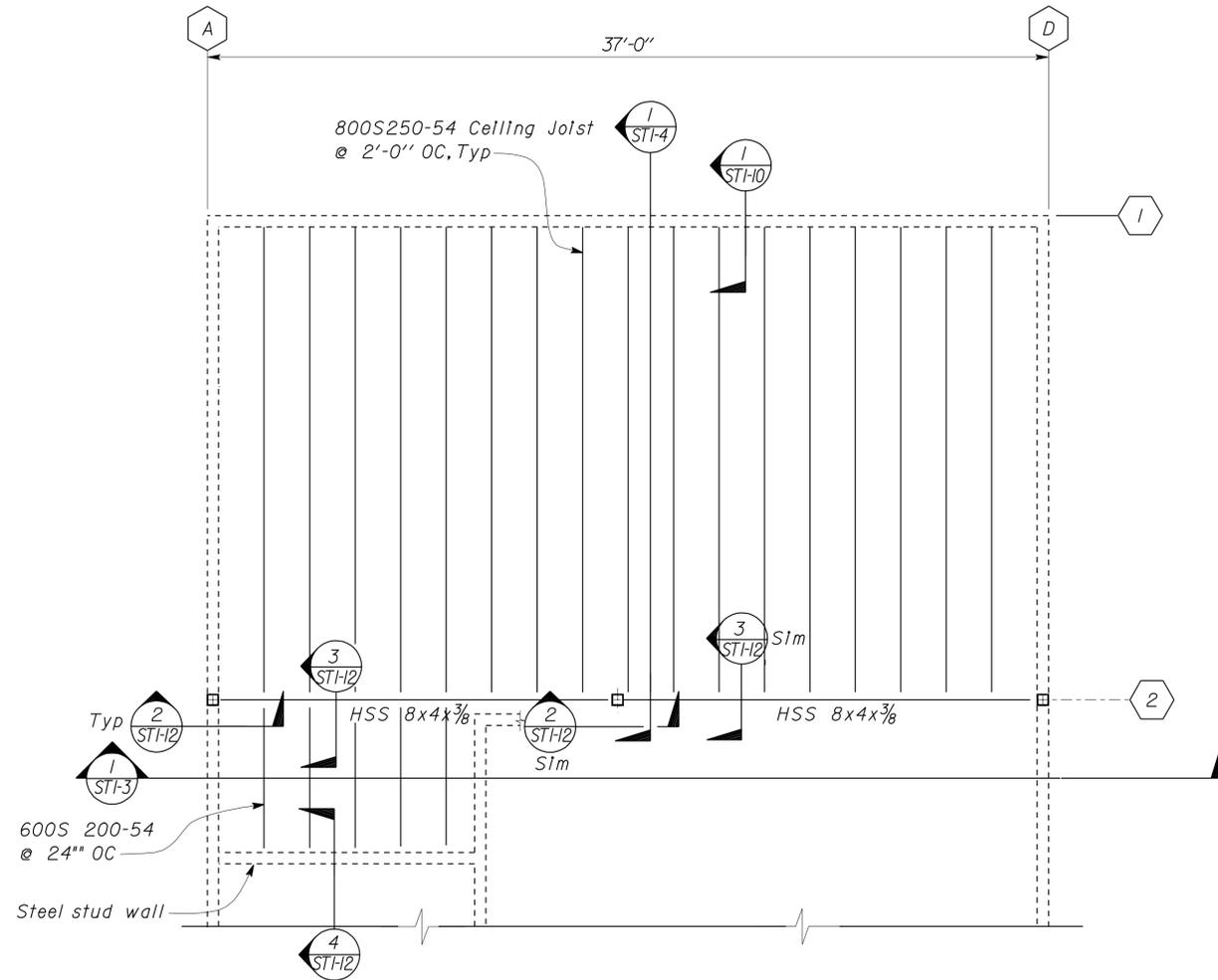


DESIGN	BY	Gang Hong	CHECKED	EDGARDO ISIDRO	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET ST1-5				
	DETAILS	BY	Andrew A. Lovato	CHECKED			Gang Hong	50M5703	SECTION DETAILS					
	QUANTITIES	BY		CHECKED				POST MILE	X		X			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	UNIT PROJECT NUMBER & PHASE	3581 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
DOCSM160 Imperial Rev. 9/02					EA 0M4001			D:\user\Projects\01st_06\06_0m4001_bodfish_ms\Expedite_02-09-2011\st1_05.dgn		24-FEB-2011 11:38				

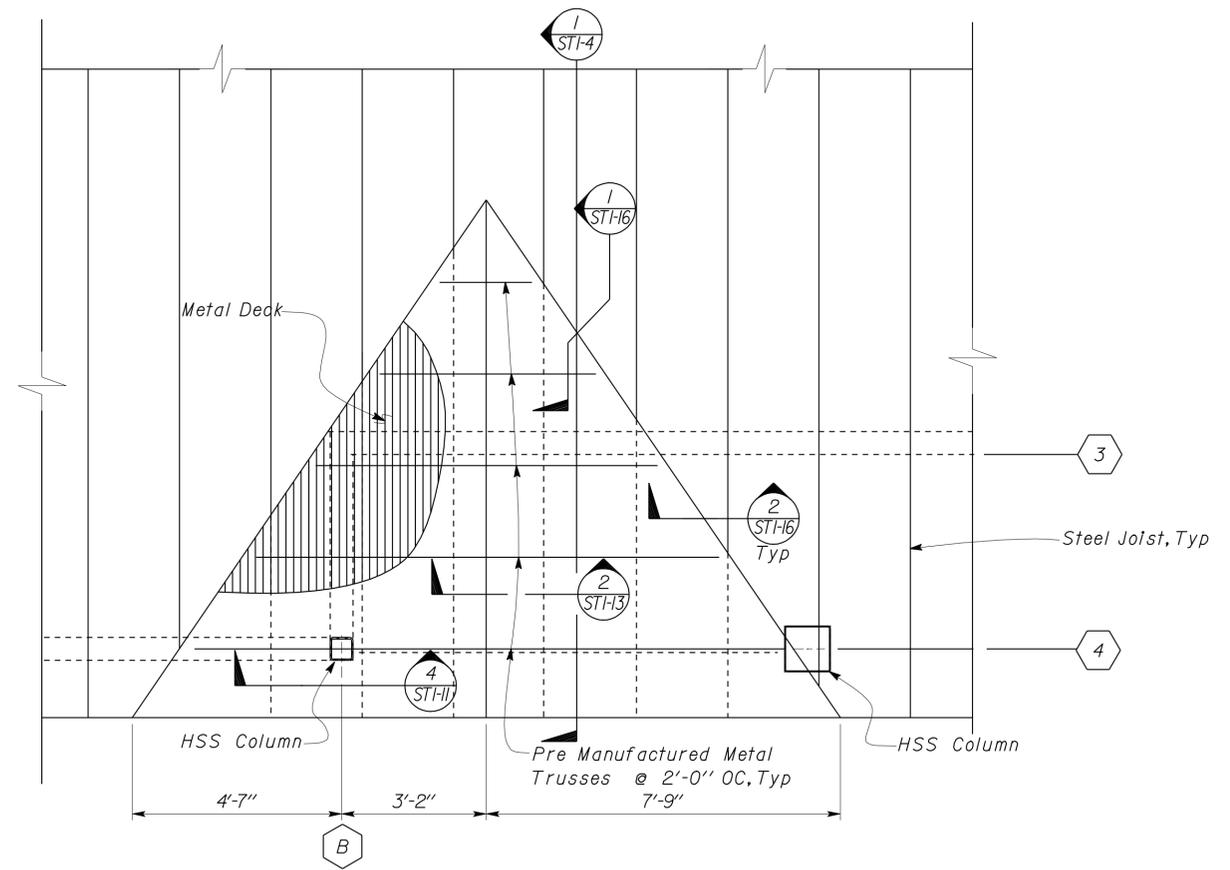
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		37	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10


2-22-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



1 FRAMING @ CEILING LEVEL
 Scale 1/4" = 1'-0"



2 PARTIAL FRAMING @ ROOF PLAN
 Scale 1/2" = 1'-0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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.	50M5703
POST MILE	

BODFISH MAINTENANCE STATION OFFICE BUILDING
 CEILING PLAN AND ROOF DETAILS

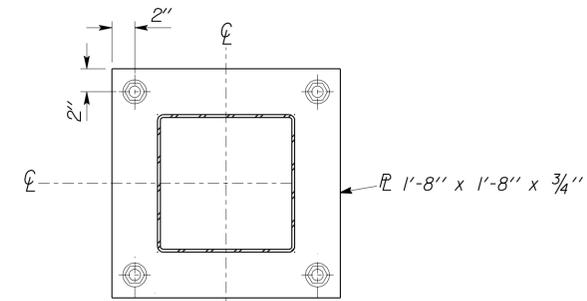
SHEET
ST1-6



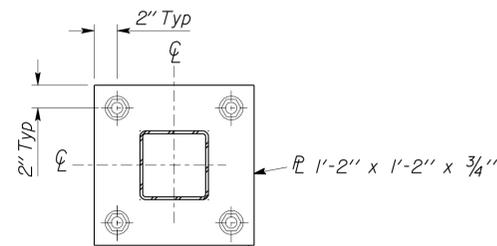
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		38	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 PLANS APPROVAL DATE 2-22-11

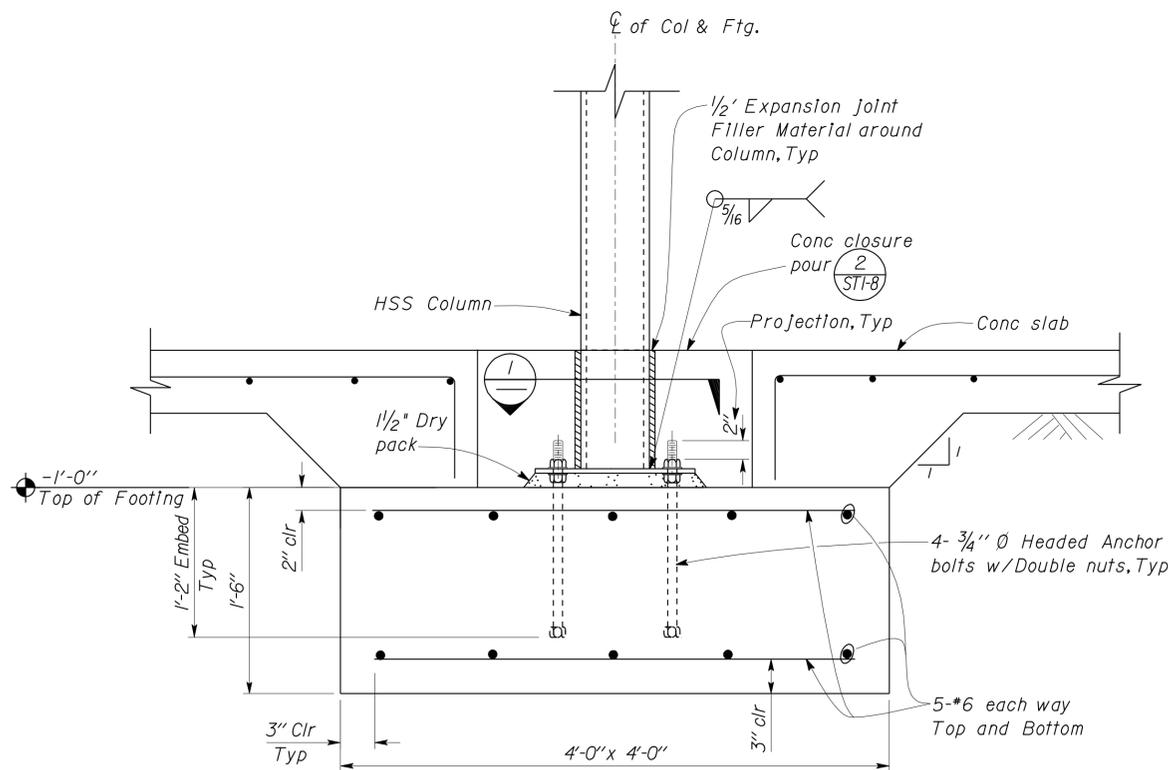
REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 No. 60406
 Exp. 6-30-12
 CIVIL



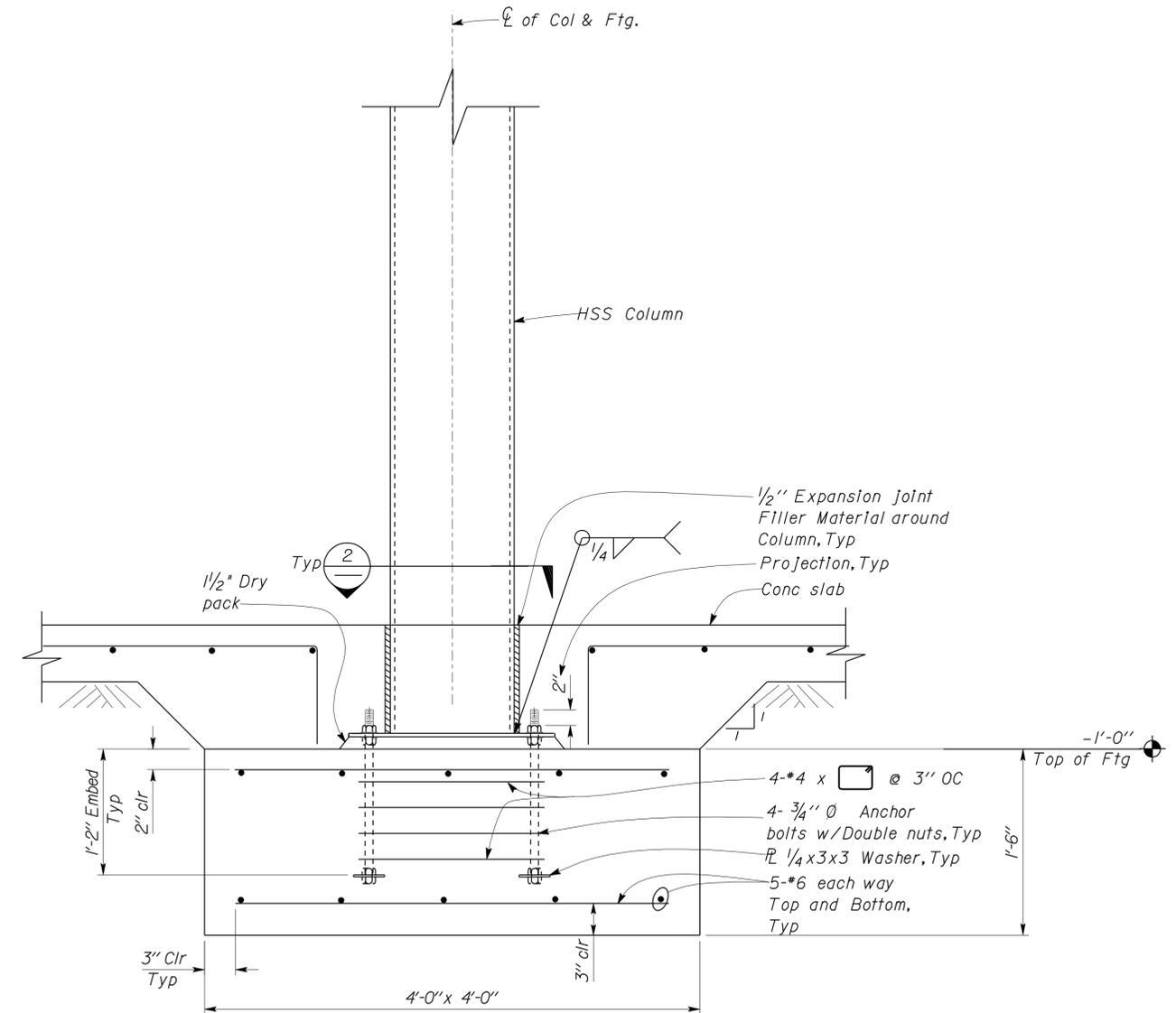
2 BASE PLATE
Scale 1 1/2" = 1'-0"



1 BASE PLATE
Scale 1 1/2" = 1'-0"



3 FOOTING DETAILS
Scale 1 1/2" = 1'-0"



4 CONC CLOSURE DETAIL
Scale 1 1/2" = 1'-0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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. 50M5703
 POST MILE

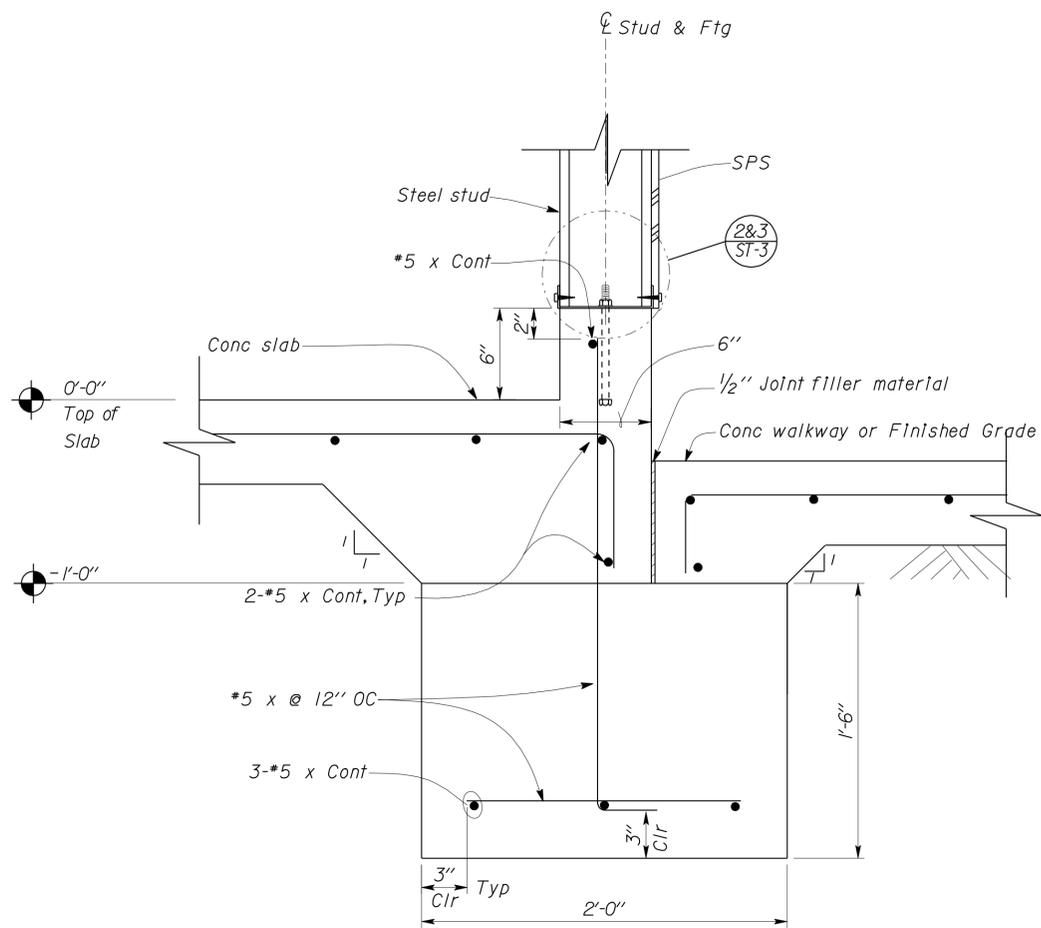
BODFISH MAINTENANCE STATION OFFICE BUILDING
 FOOTINGS

SHEET ST1-7

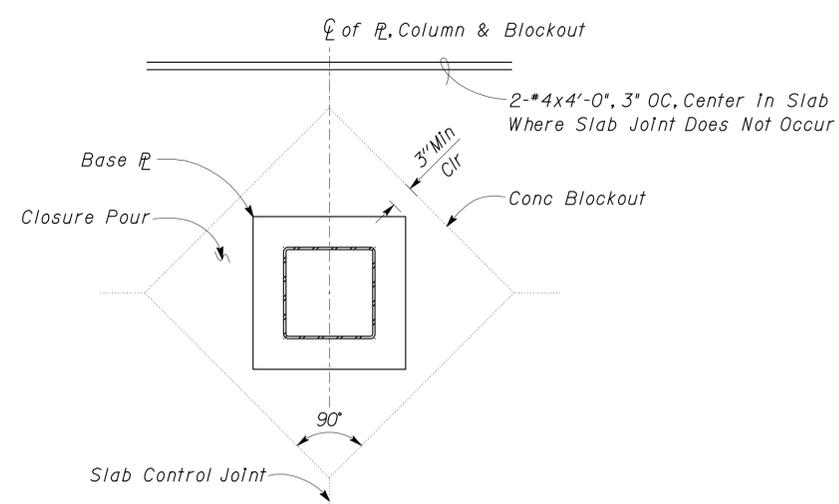
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		39	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

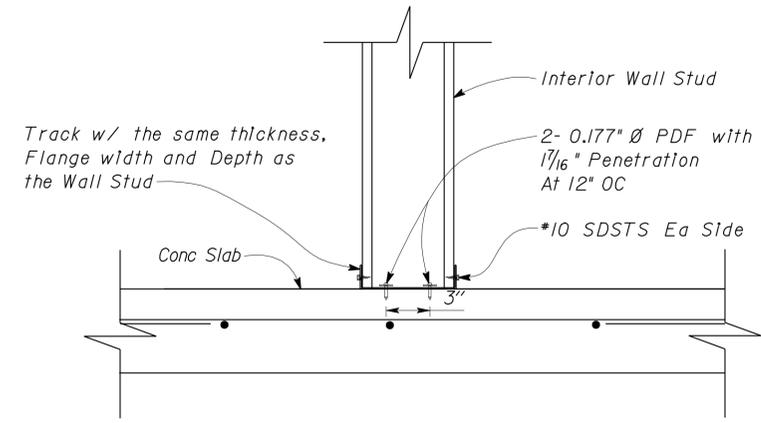
2-22-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



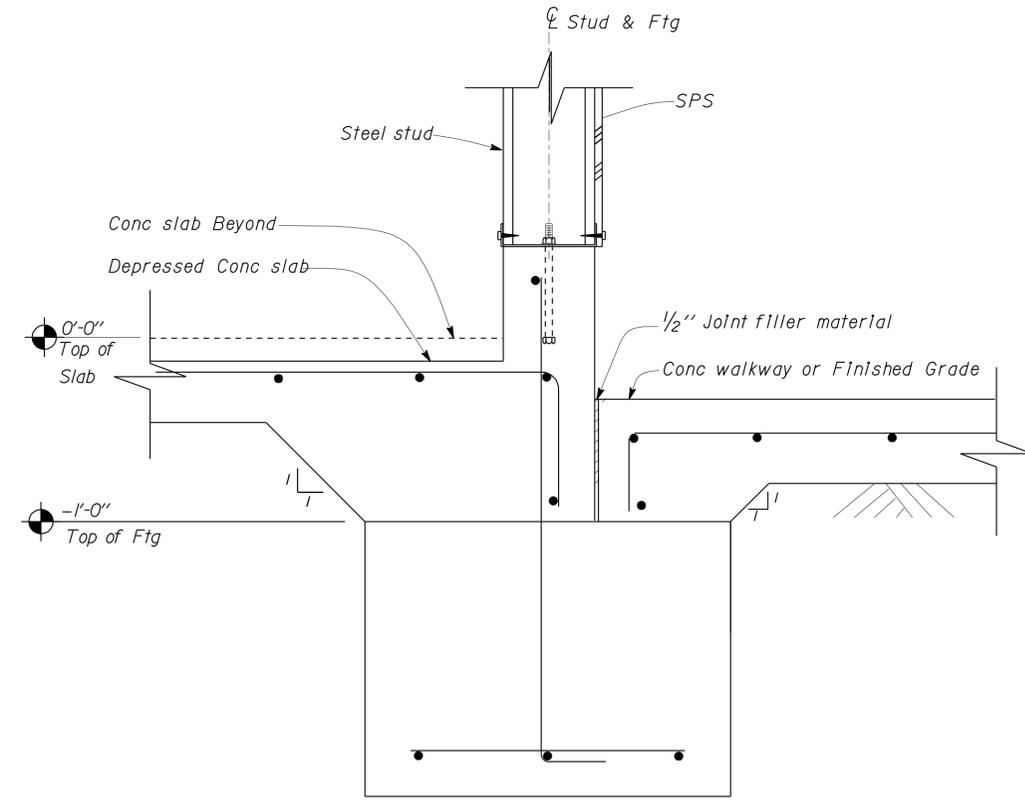
1 FOOTING DETAIL
Scale 2" = 1'-0"



2 CONC CLOSURE DETAIL
Scale 1" = 1'-0"



3 THICKENED SLAB UNDER STUD WALL
Scale 2" = 1'-0"



4 FOOTING DETAIL
Scale 1" = 1'-0"

Note: See **1** For Info not shown

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

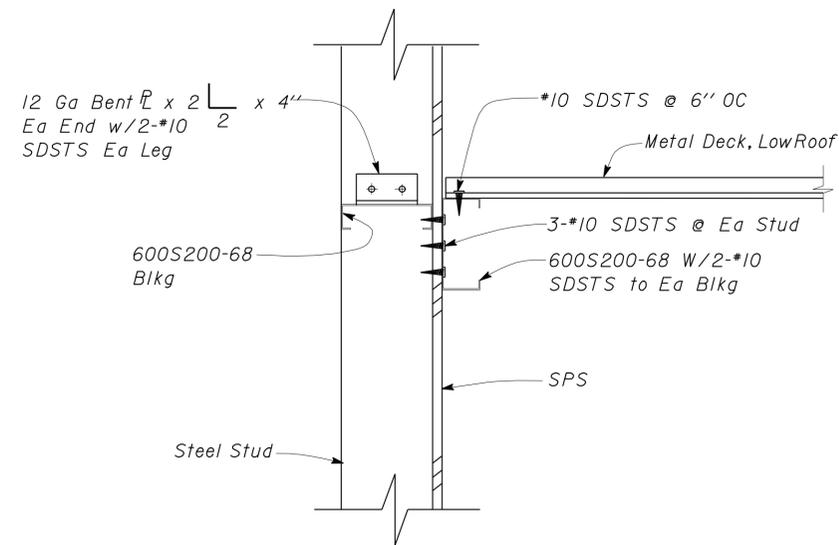
DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	50M5703
POST MILE	

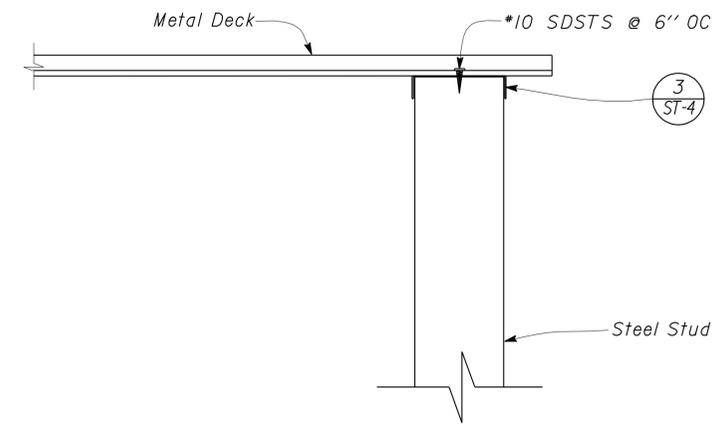
BODFISH MAINTENANCE STATION OFFICE BUILDING
 FOOTINGS

SHEET **ST1-8**

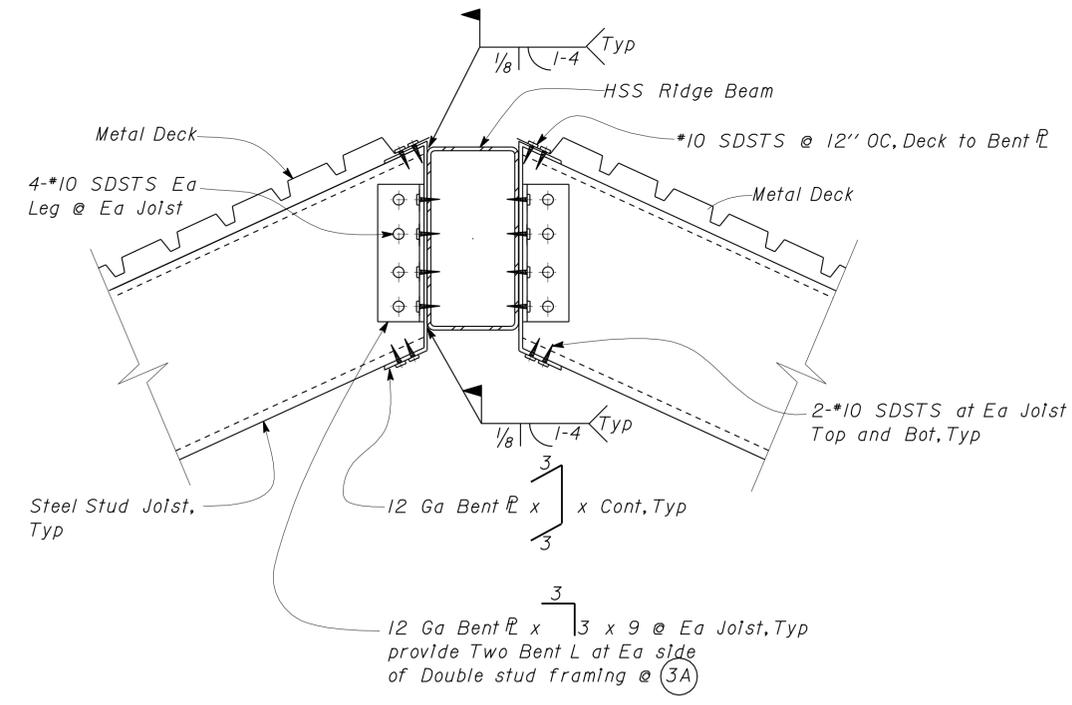
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		40	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



1 STEEL STUD TO DECK DETAIL
Scale 2" = 1' - 0"



2 STEEL STUD TO DECK DETAIL
Scale 2" = 1' - 0"



3 3A ROOF RIDGE SECTION
Scale 2" = 1' - 0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

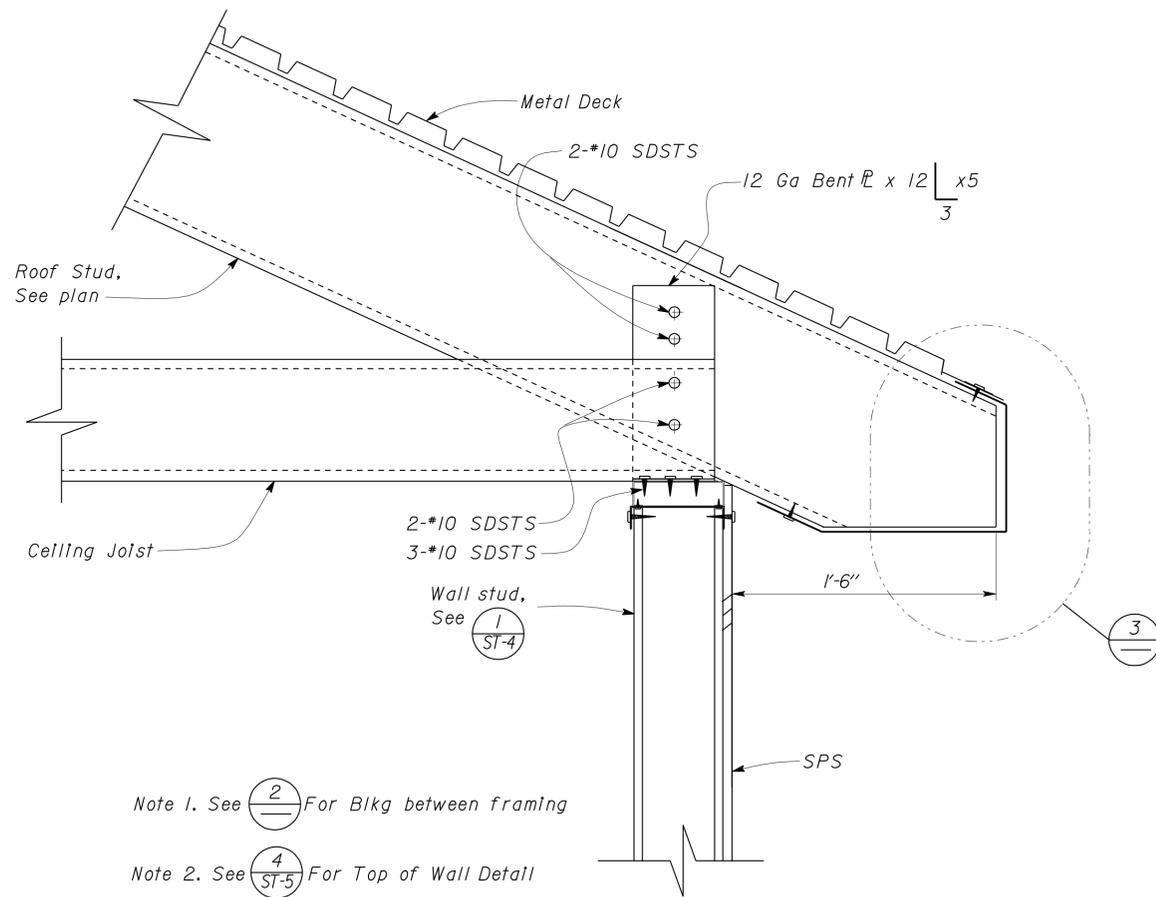
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	50M5703
POST MILE	

BODFISH MAINTENANCE STATION OFFICE BUILDING
ROOF SECTION DETAILS 3

SHEET **ST1-9**

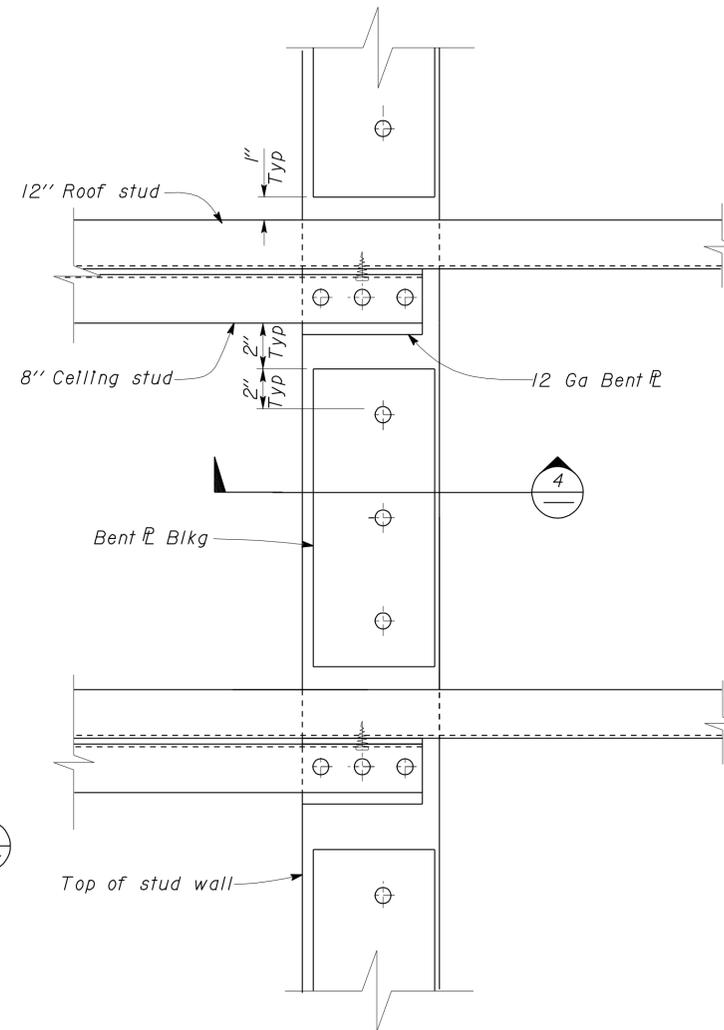
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		41	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



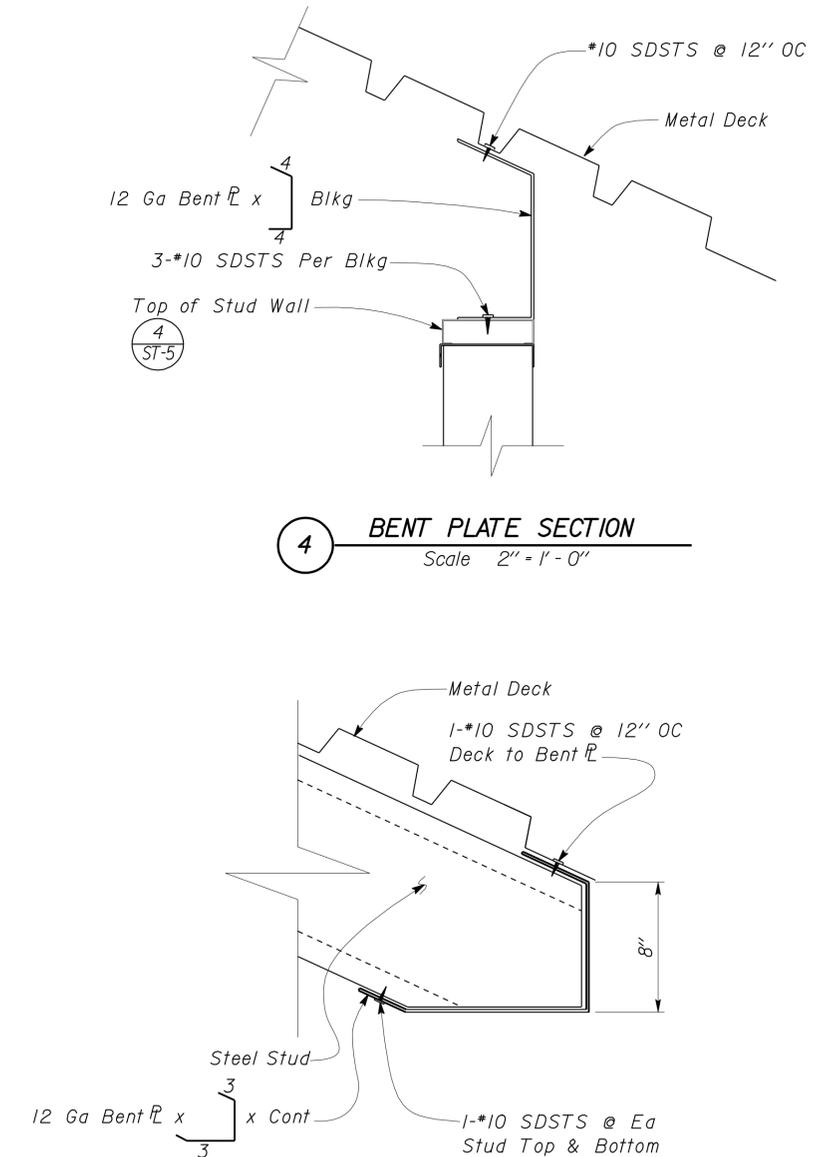
Note 1. See $\frac{2}{ST-4}$ For Blkg between framing

Note 2. See $\frac{4}{ST-5}$ For Top of Wall Detail

1 STUD TO WALL DETAIL
Scale 2" = 1' - 0"



2 STUD TO WALL DETAIL
Scale 3" = 1' - 0"



3 ROOF END DETAIL
Scale 2" = 1' - 0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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.
50M5703
POST MILE

BODFISH MAINTENANCE STATION OFFICE BUILDING

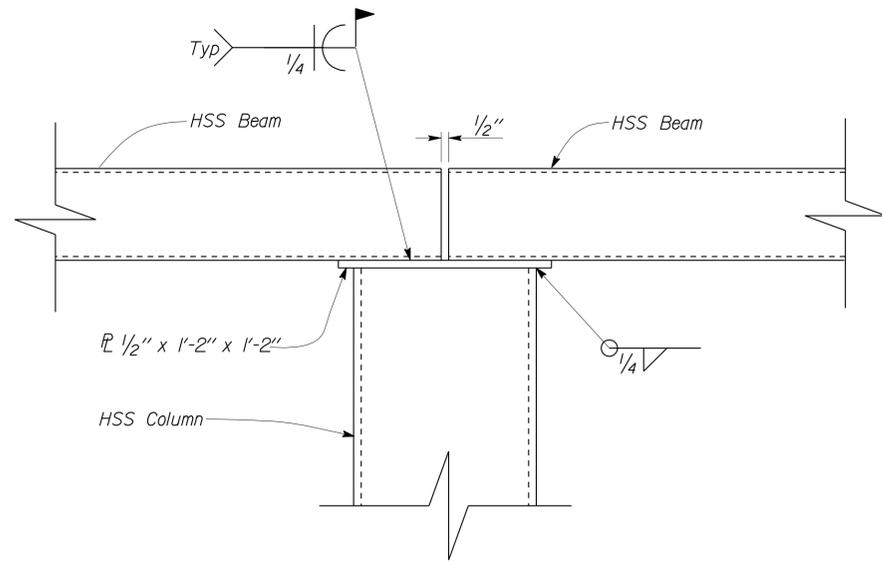
ROOF SECTION DETAILS

SHEET
ST1-10

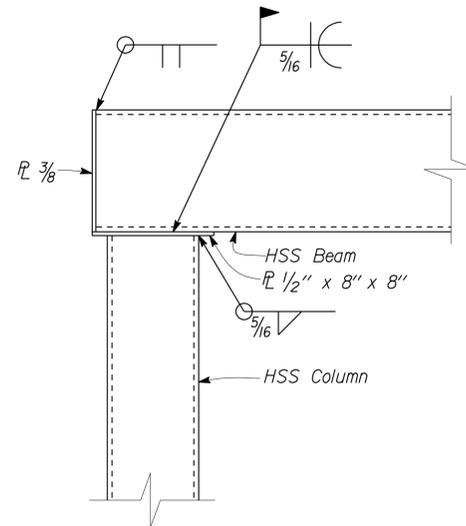
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		42	66


 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

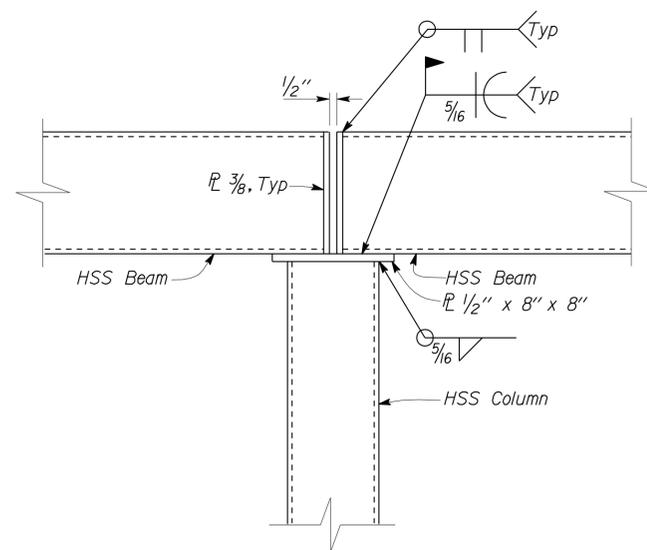
2-22-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



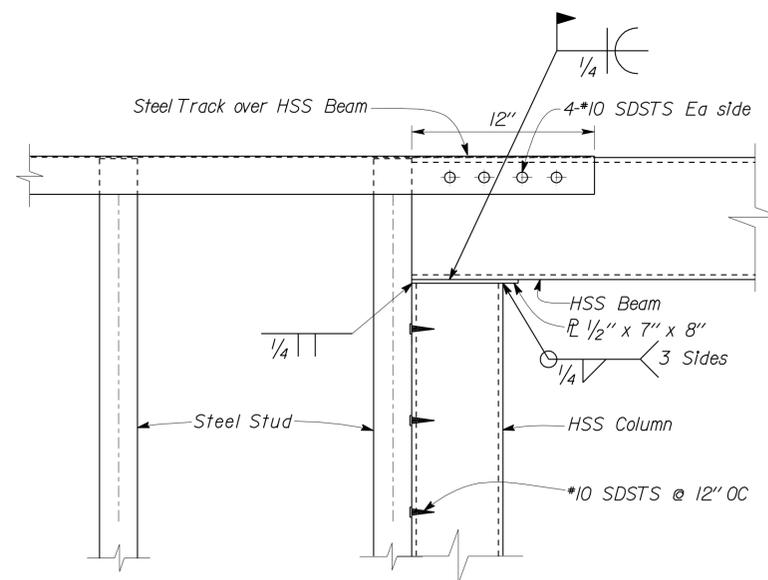
1 FRAMING
Scale 2" = 1' - 0"



2 FRAMING
Scale 2" = 1' - 0"



3 FRAMING
Scale 2" = 1' - 0"



4 FRAMING
Scale 2" = 1' - 0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

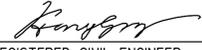
DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	50M5703
POST MILE	

BODFISH MAINTENANCE STATION OFFICE BUILDING
 CEILING FRAMING DETAILS

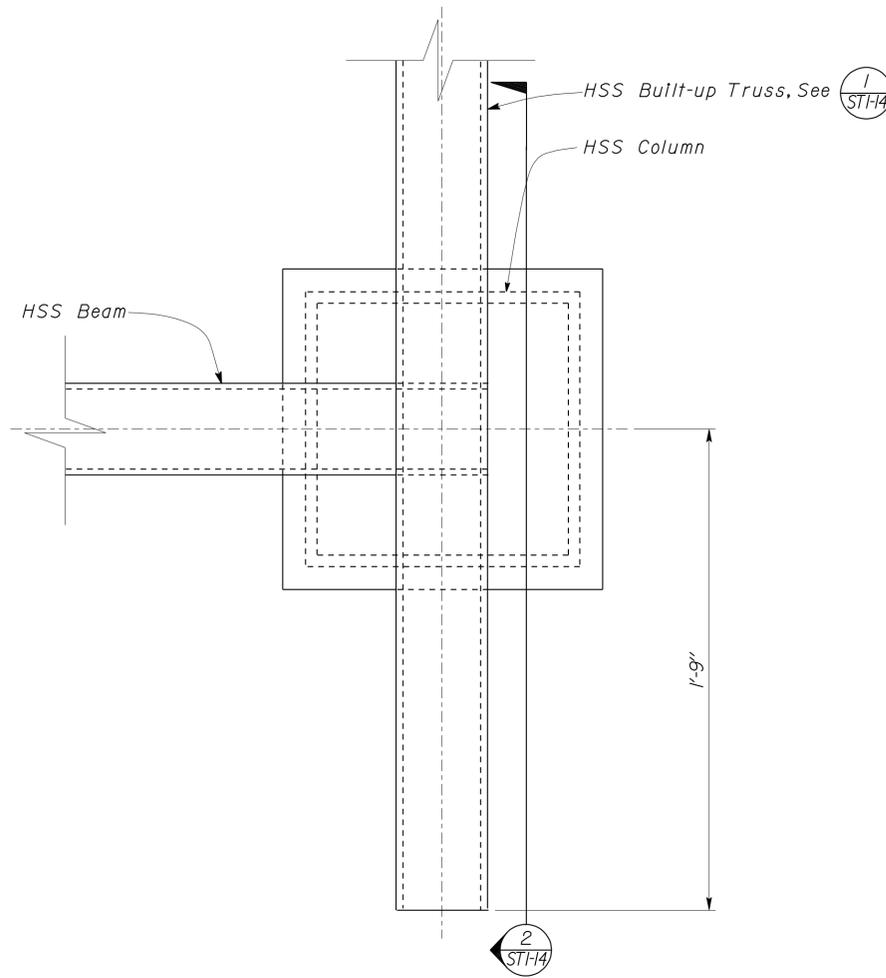
SHEET
ST1-11

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		43	66

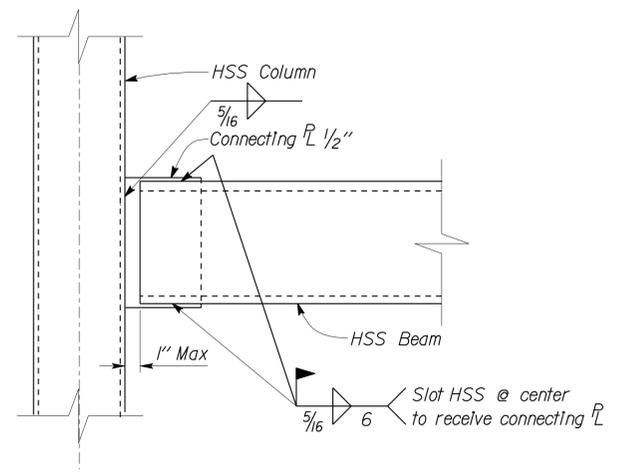

 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 PLANS APPROVAL DATE 2-22-11

REGISTERED PROFESSIONAL ENGINEER
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

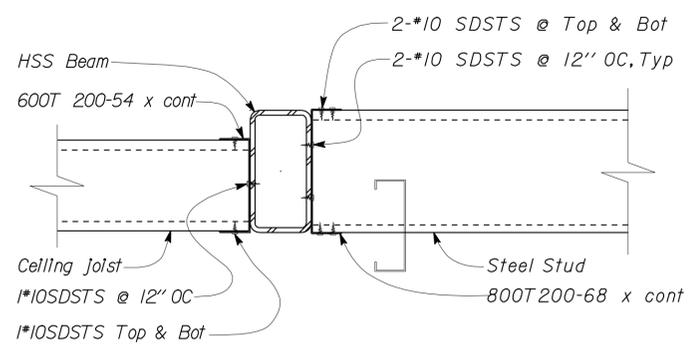
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



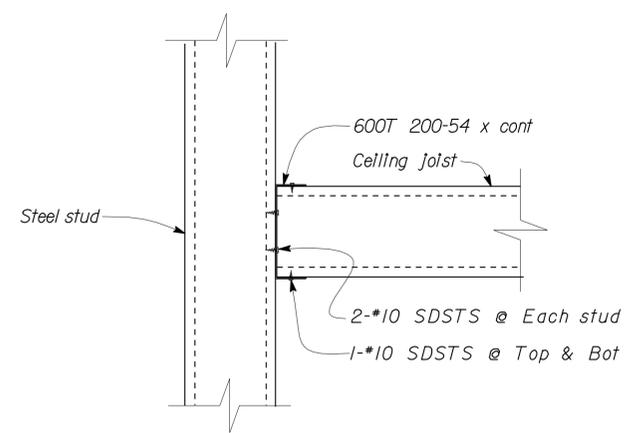
1 ROOF FRAMING SECTION
Scale 3" = 1' - 0"



2 FRAMING
Scale 2" = 1' - 0"



3 CEILING FRAMING
Scale 2" = 1' - 0"



4 CEILING FRAMING
Scale 2" = 1' - 0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
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. 50M5703
 POST MILE
BODFISH MAINTENANCE STATION OFFICE BUILDING
 ROOF CEILING DETAILS

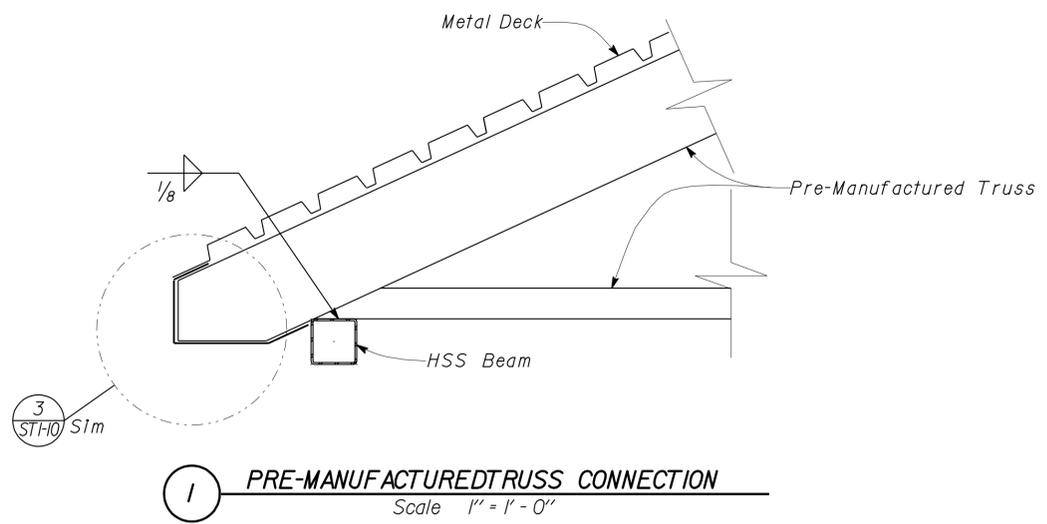
SHEET **ST1-12** OF

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		44	66

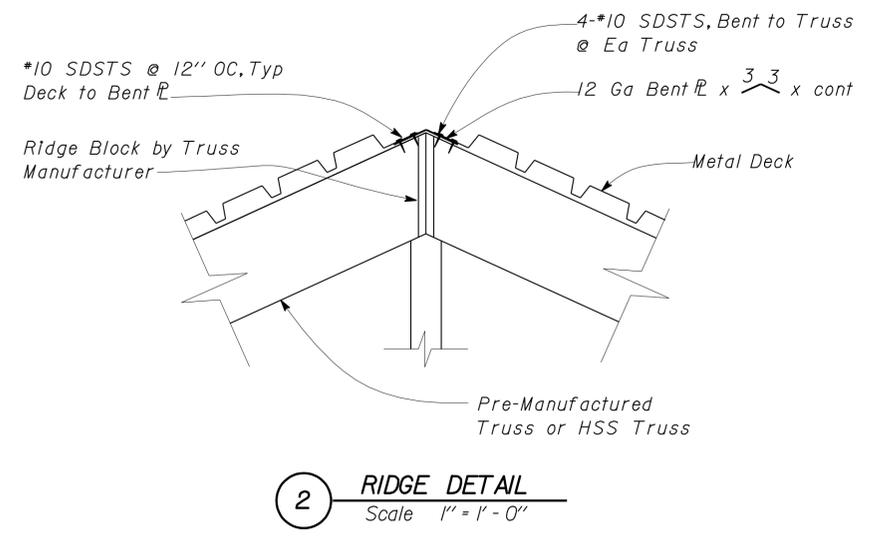

 REGISTERED CIVIL ENGINEER
 DATE 10-12-10
 No. 60406
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

2-22-11
PLANS APPROVAL DATE

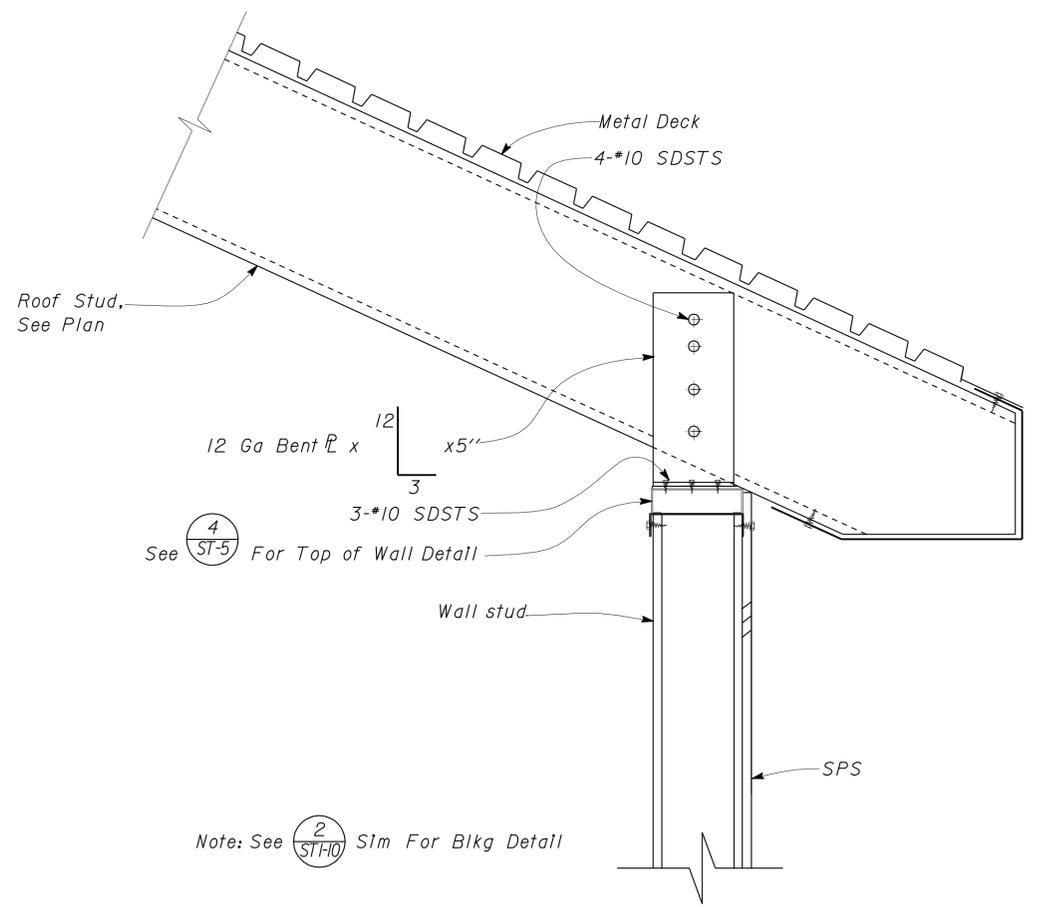
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



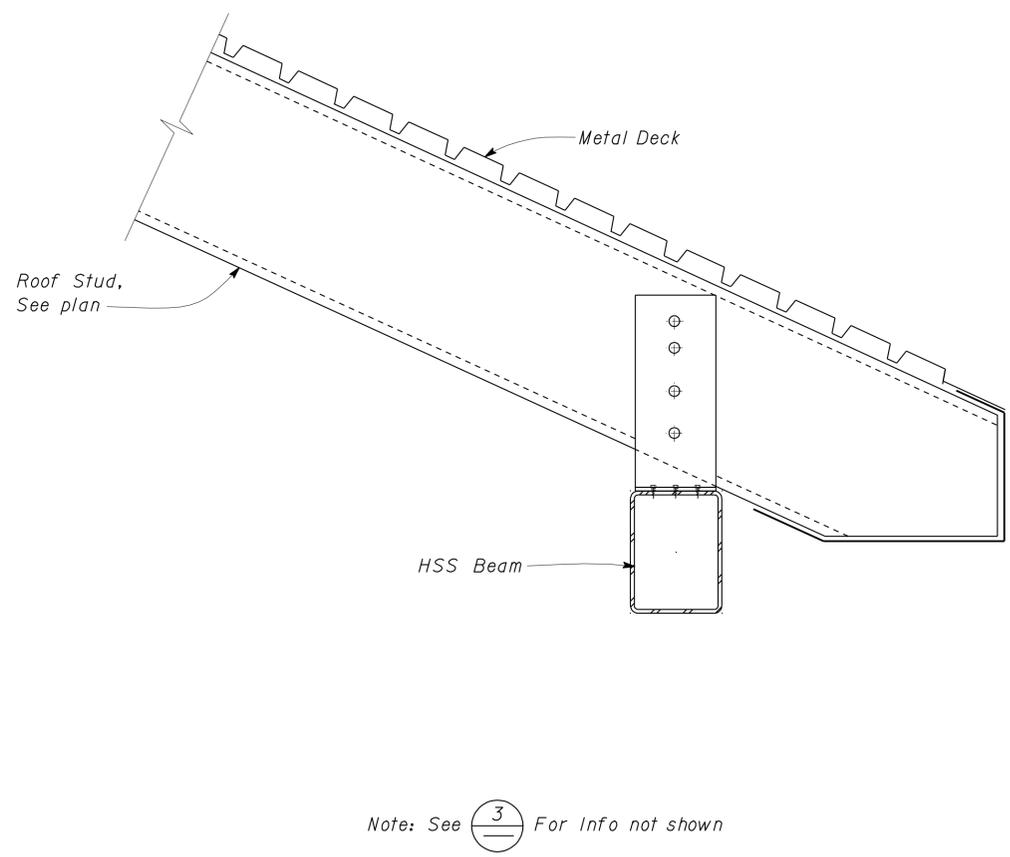
1 PRE-MANUFACTURED TRUSS CONNECTION
Scale 1" = 1' - 0"



2 RIDGE DETAIL
Scale 1" = 1' - 0"



3 STUD TO WALL DETAIL
Scale 2" = 1' - 0"



4 BEAM TO TRUSS DETAIL
Scale 2" = 1' - 0"

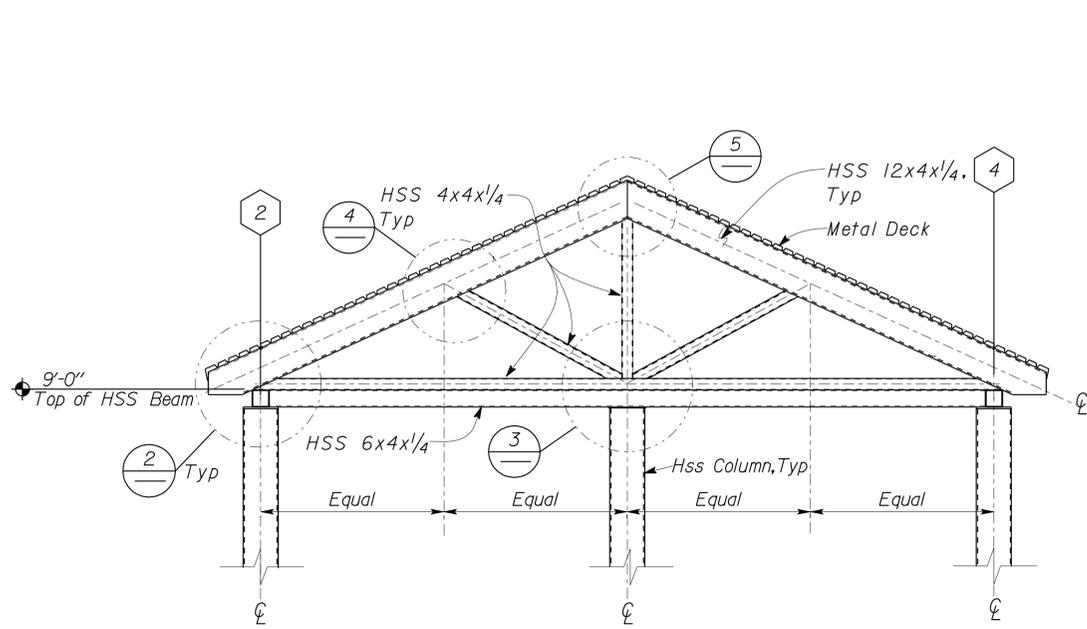
DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

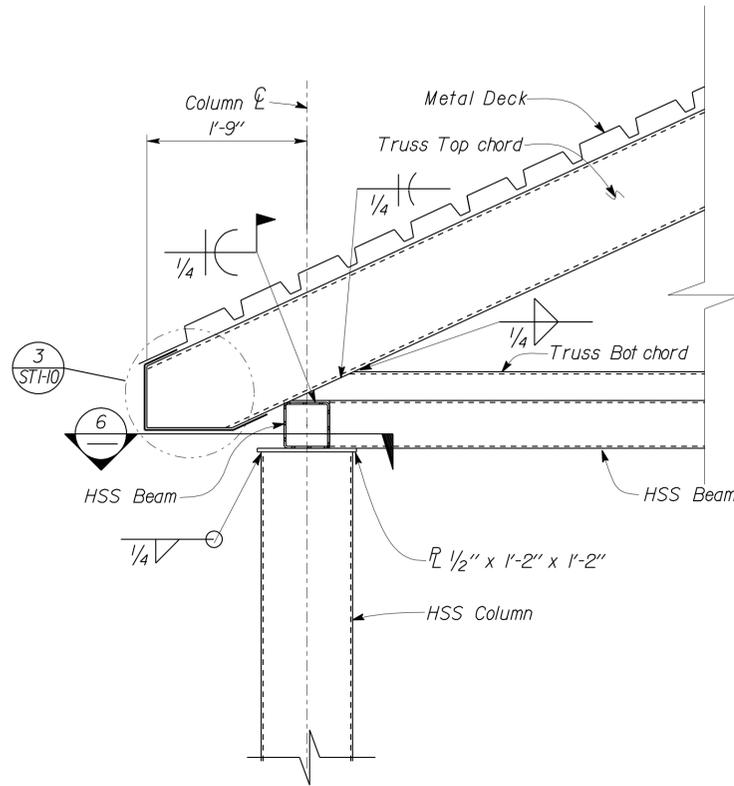
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET ST1-13
POST MILE		
ROOF SECTIONS DETAILS 2		OF

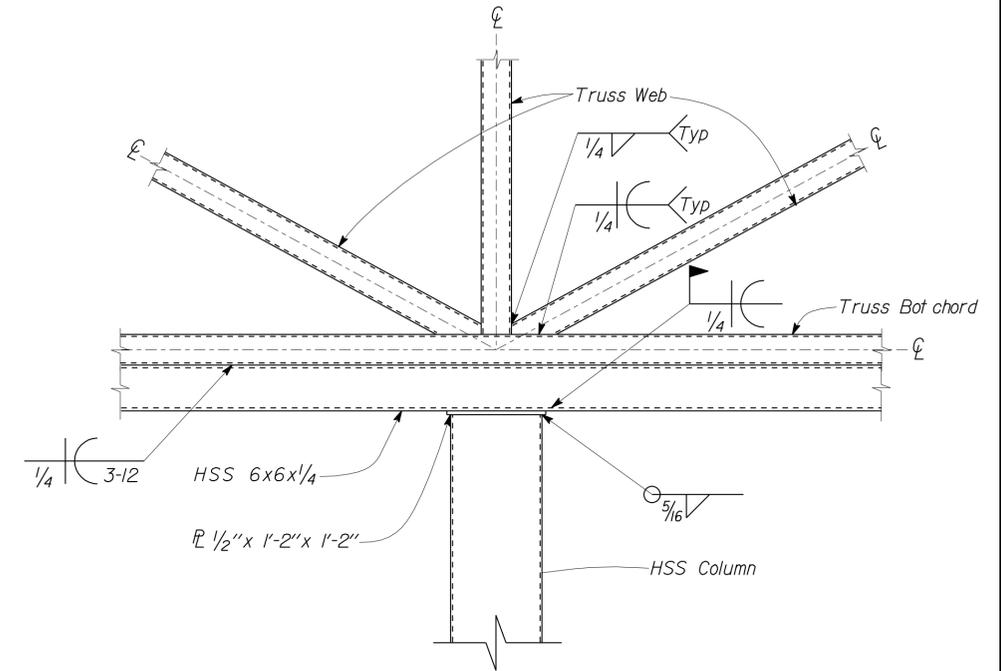
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		45	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



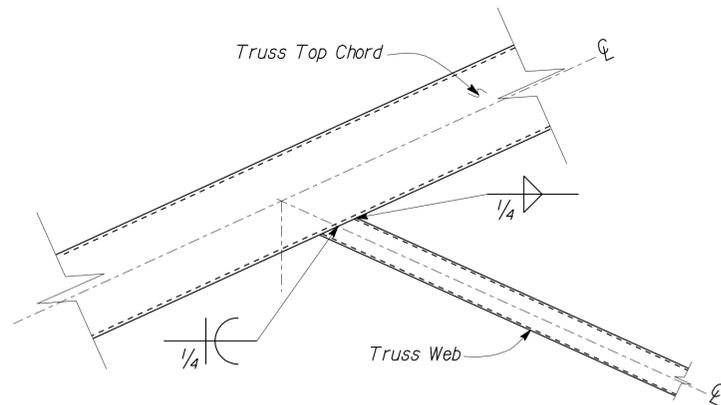
1 HSS BUILT-UP TRUSS
Scale 3/8" = 1' - 0"



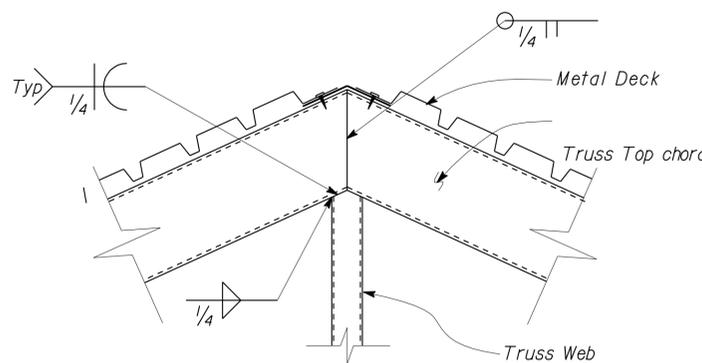
2 HSS BUILT UP TRUSS SECTION
Scale 1" = 1' - 0"



3 BUILT UP TRUSS DETAIL
Scale 1" = 1' - 0"

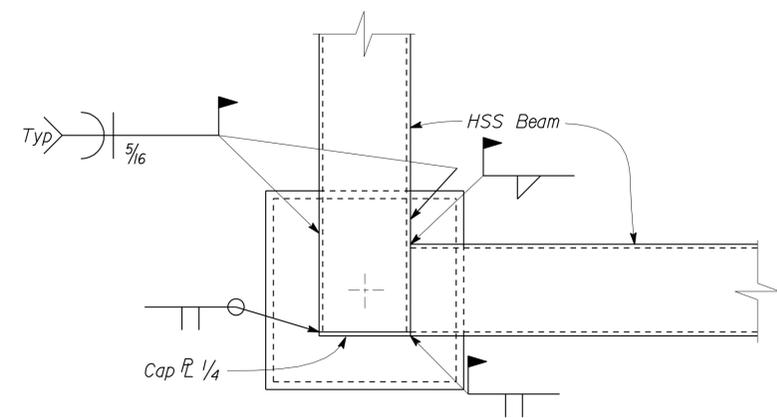


4 BUILT UP TRUSS DETAIL
Scale 1" = 1' - 0"



Note: See (2) For Info not shown

5 BUILT UP TRUSS DETAIL
Scale 1" = 1' - 0"



6 HSS BUILT UP TRUSS SECTION
Scale 2" = 1' - 0"

DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

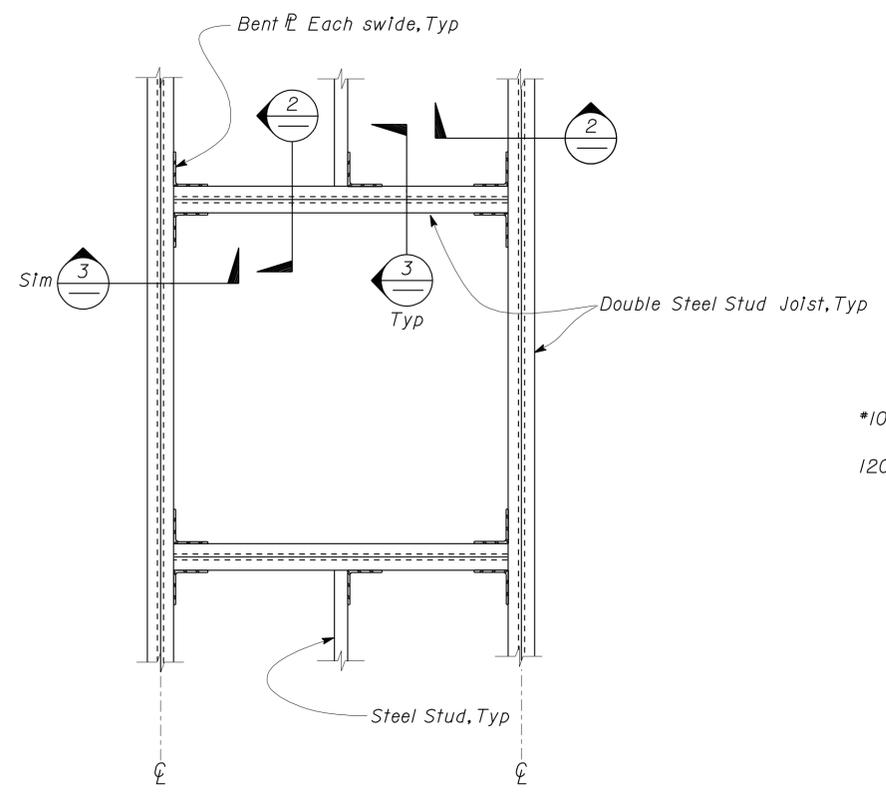
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	50M5703
POST MILE	

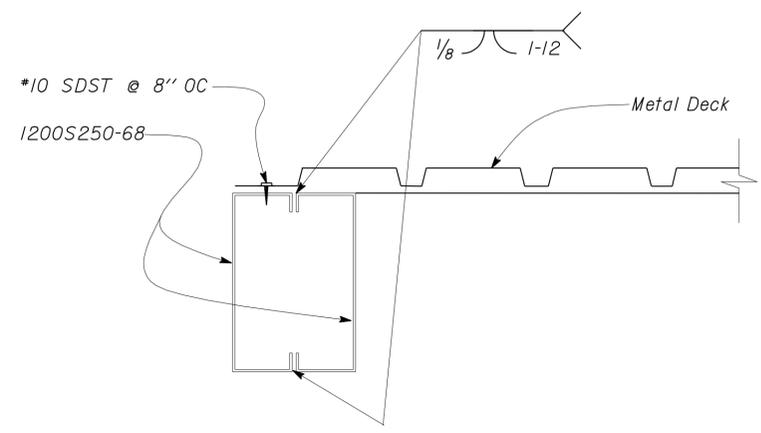
BODFISH MAINTENANCE STATION
OFFICE BUILDING
ROOF SECTIONS DETAILS

SHEET
ST1-14

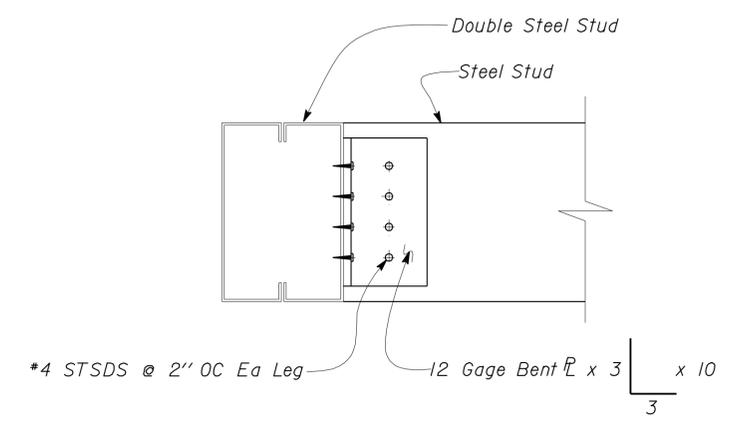
DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		46	66
 REGISTERED CIVIL ENGINEER			10-12-10 DATE		
2-22-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



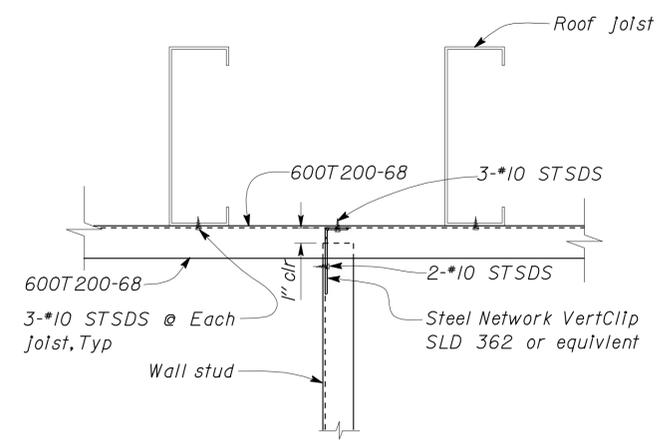
1 ROOF DECK OPENING
No Scale



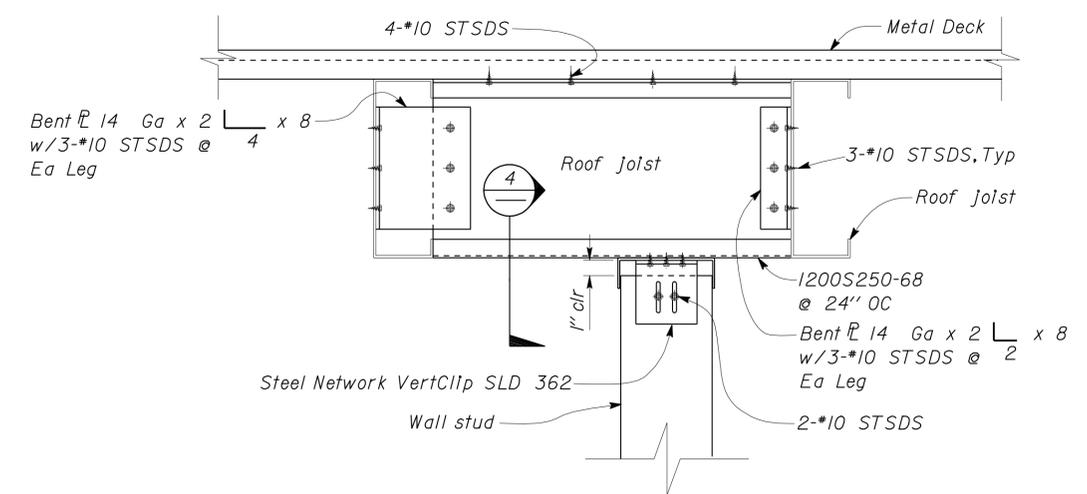
2 DOUBLE JOIST DETAIL
No Scale



3 ROOF FRAMING STUD CONNECTION
Scale 2" = 1' - 0"



4 WALL AND JOIST DETAIL
Scale 2" = 1' - 0"



5 STUD TO JOIST DETAIL
Scale 2" = 1' - 0"

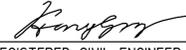
DESIGN	BY Gang Hong	CHECKED Edgardo Isidro
DETAILS	BY Andrew A. Lovato	CHECKED Gang Hong
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

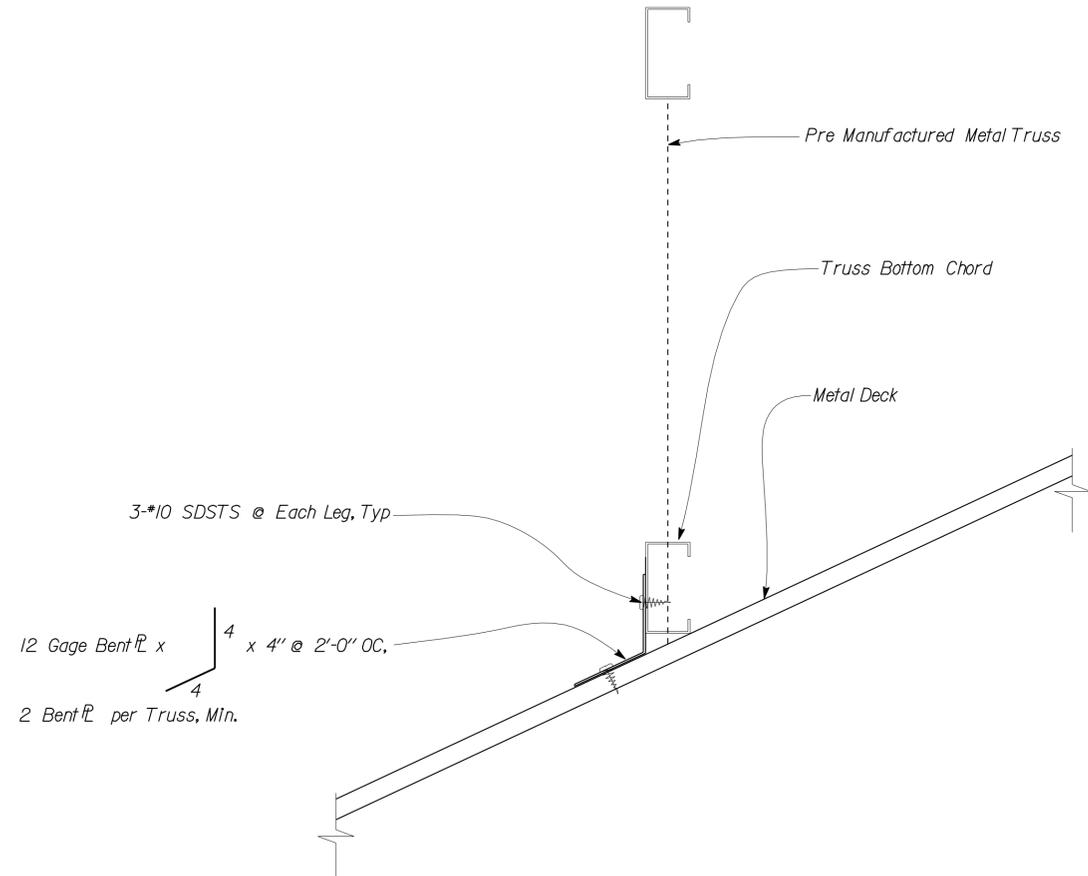
BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET
POST MILE		ST1-15
ROOF DETAILS		OF

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		47	66

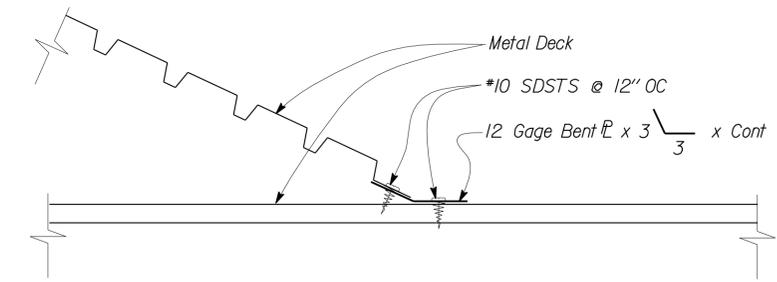

 REGISTERED CIVIL ENGINEER DATE 10-12-10

PLANS APPROVAL DATE 2-22-11

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1 ROOF FRAMING SECTION
 Scale 3" = 1' - 0"



2 ROOF FRAMING SECTION
 Scale 3" = 1' - 0"

TAEMWW Imperial Rev. 7/10	DESIGN BY Gang Hong	CHECKED Edgardo Isidro	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING ROOF DETAILS	SHEET ST1-16
	DETAILS BY Andrew A. Lovato	CHECKED Gang Hong			POST MILE		OF
	QUANTITIES BY	CHECKED			REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE 3581 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	09-16-10	24-FEB-2011 11:39

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		48	66

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
GARY BLUMENTHAL
 Approval date: 12-9-10

[Signature] 12/20/10
 REGISTERED MECHANICAL ENGINEER DATE
Jack Wheeler
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA
 2-22-11
 PLANS APPROVAL DATE

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PLUMBING

- — — — Cold Water
- A — — Compressed Air
- LPG — — Liquefied Petroleum Gas
- D — — Equipment Drain
- RD — — Roof Drain
- OD — — Overflow Drain
- RW — — Non Potable Water
- FW — — Fire Water
- — — — Hot Water
- — — — Hot Water Return
- R — — Relief Valve Discharge Pipe
- S — — Sewer Line
- — — — Sanitary Sewer (above grade)
- — — — Sanitary Sewer (below grade)
- — — — Sanitary Sewer Vent

- — — — Cap, Threaded
- — — — Elbow, Turned Down
- — — — Elbow, Turned Up
- — — — Reducer, Concentric
- — — — Pressure Gauge (with gage cock and Snubber)
- — — — Strainer
- — — — Union
- — — — Union, Insulating
- — — — Valve, Ball
- — — — Valve, Check
- — — — Valve, Gas
- — — — Valve, Gate
- — — — Valve, Safety Relief
- — — — Valve, Faucet Assembly
- — — — Valve, Pressure/Temperature Relief
- — — — Water Hammer Arrestor

HEATING, VENTILATING AND AIR CONDITIONING

- — — — Balance Damper
- — — — Flexible Duct
- EA — — Exhaust Air
- RA — — Return Air
- SA — — Supply Air
- ☐ cfm Exhaust Register
- ☐ or ☐ cfm Return Register
- ← ☐ or ☐ cfm Supply Diffuser
- Ⓣ Thermostat
- ⓉⓈ Time Switch
- ▲ Anode Test Station
- ▲ Three Wire Test Station
- Ⓣ Exhaust Fan
- ⓉⓈ Fire Extinguisher

MISCELLANEOUS

- L Angle
- Ⓢ Centerline
- ∅ Diameter
- RE — (E) Duct to be Removed
- Section / Elevation Letter
- Sheet Number
- Detail Number
- Sheet Number
- 12x12 " ← NECK SIZE
- 190 cfm ← FLOW RATE

MECHANICAL ABBREVIATIONS:

A/C	Air Conditioning	GA	Gauge	RE	Refrigerator
ABS	Acrylonitrile Butadiene Styrene	GALV	Galvanized	REG	Register
AC	Asphalt Concrete	GH	Ground Hydrant	RA	Return Air
AD	Air Drop	GLV	Globe Valve	RCP	Reinforced Concrete Pipe
AP	Alternative Pipe	GSP	Galvanized Steel Pipe	RD	Roof Drain
ATF	Automatic Transmission Fluid	GV	Gate Valve	REQ	Required
AWG	American Wire Gauge	GWH	Gas Water Heater	RH	Radiant Heater
BFP	Backflow Preventer	GYP	Gypsum	RV	Relief Valve
BH	Box Hydrant	H	Height	RWL	Rain Water Leader
BLDG	Building	HB	Hose Bibb	RW	Raw Water
BV	Balancing Valve	H/C	Hot Water, High Pressure Cleaner	S	Switch
°C	Celsius Temperature	HF	Hose Faucet	SF	Fan, Switch
C	Conduit	HVAC	Heating, Ventilating And Air Conditioning	S/S	Service Sink
Cap.	Capacity	HW	Hot Water	SA	Supply Air
CD	Ceiling Diffuser	HZ	Hertz	SCH	Schedule
CF	Cubic Feet	ID	Inside Diameter	SDS	Sanitary Dump Station
CFM	Cubic Feet Per Minute	IE	Invert Elevation	SF	Supply Fan
CI	Cast-Iron	IPS	International Pipe Standard	SHR	Shower
CO	Cleanout	KS	Kitchen Sink	SP	Static Pressure
COTF	Cleanout Through Floor	KW	Kilowatt	SS	Sanitary Sewer Station
COTG	Cleanout Through Grade	LAV	Lavatory	STA	Station
COTW	Cleanout To Wall	LPG	Liquefied Petroleum Gas	STD	Standard
CV	Check Valve	L/s	Liters per Second	TCV	Temperature Control Valve
CW	Cold Water	m	Meter	TSPV	Trap Seal Primer Valve
D	Depth	MAX	Maximum	TPRV	Temp., Pressure, Relief Valve
DB	Dry Bulb	MAN	Manhole	TS	Time Switch
DF	Drinking Fountain	MIN	Minimum	Typ.	Typical
DH	Duct Heater	mm	millimeter	UH	Unit Heater
DI	Drain Inlet	MS	Mop Sink	UR	Urinal
Dia	Diameter	NIC	Not In Contract	V	Vent
(E)	Existing	NO	Number	VAC	Voltage, Alternating Current
EA	Exhaust Air	NPS	Nominal Pipe Size	VB	Valve Box
EC	Evaporative Cooler	NPT	National Pipe Thread	VR	Vent Riser
ESEW	Emergency Shower And Eye Wash	NST	National Standard Thread	VM	Vending Machine
EF	Exhaust Fan	OA	Outside Air	VTR	Vent Thru Roof
EL	Elevation	OC	On Center	W	Width
Elect.	Electrical	OD	Outside Diameter	W/	With
ES	Evaporative Cooler Switch	OG	Original Ground	W/O	Without
ESP	External Static Pressure	PBEF	Push-Button Exhaust Fan	WB	Wet Bulb
EWC	Electric Water Cooler	PCC	Portland Cement Concrete	WC	Water Closet
EWB	Electric Water Heater	PH	Phase	W.C.	Water Column
FC	Flexible Connection	PRV	Pressure Reducing Valve	WH	Water Heater
FD	Floor Drain	PSI	Pounds Per Square Inch	W.H.	Wall Hydrant
FDC	Fire Department Connection	PVC	Polyvinyl Chloride	WHA	Water Hammer Arrestor
FE	Fire Extinguisher			WLS	Water Level Switch
FG	Finish Grade			WP	Weatherproof
FH	Fire Hydrant			WS	Wash Sink
FL	Flow Line			WSP	Welded Steel Pipe
FS	Floor Sink				
FTR	Flue through roof				

DESIGN BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION	SHEET M-0
			POST MILE X		
DETAILS BY <i>J.R. Stangl</i> CHECKED <i>Jesus Ramirez</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
QUANTITIES BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i>				09/11/10 10/18/10 12/20/10	

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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		49	66

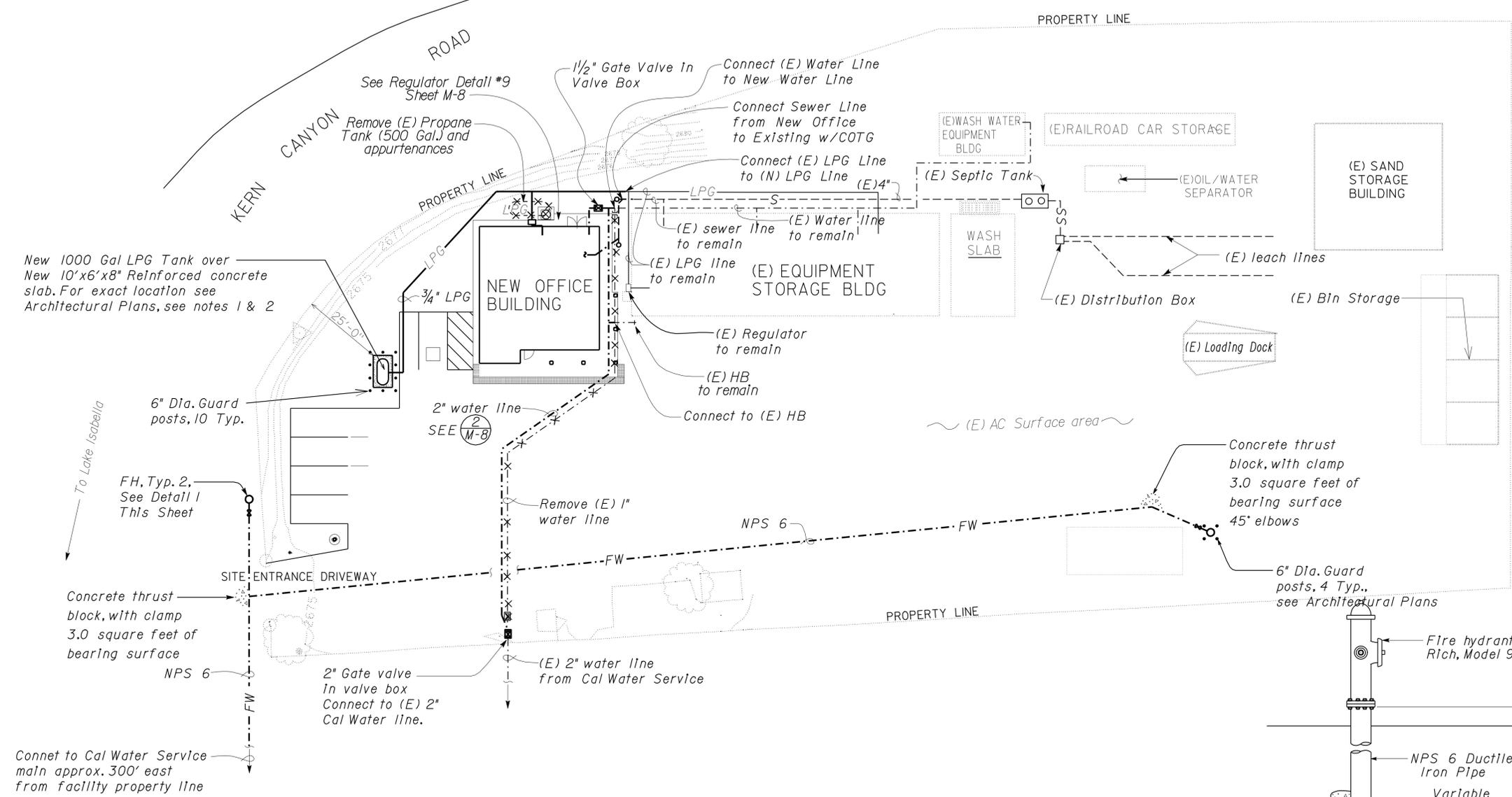
 REGISTERED MECHANICAL ENGINEER DATE 12/20/10	
2-22-11 PLANS APPROVAL DATE	
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CALIFORNIA STATE FIRE MARSHAL APPROVED

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

Reviewed by: 
GARY BLUMENTHAL

Approval date: 12-9-10



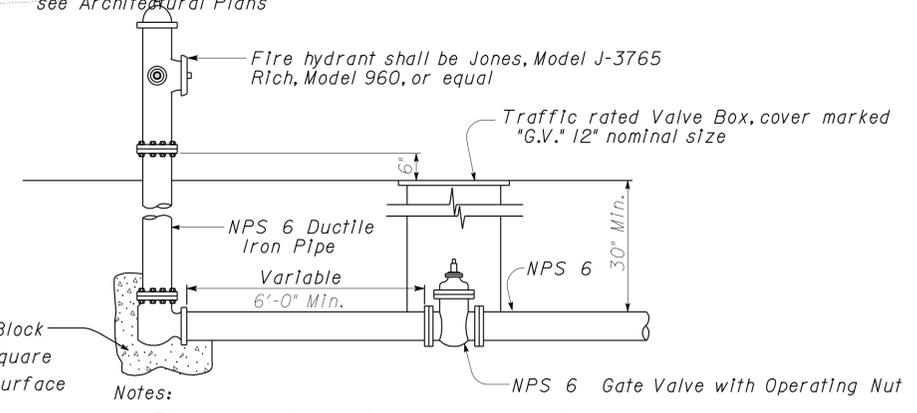
SITE PLAN

1" = 20'



Notes:

- Contractor shall field verify (E) site equipment and utility connections before ordering and fabricating any material.
- Remove existing propane tank and install new propane tank in accordance with the manufacturer's recommendations and with Mechanical details, sheet M-9.
- Prior to installing new pipes the contractor shall locate any existing piping that must be crossed by the new pipes. Installation shall be completed without disruption of any of the existing utilities that are not part of this contract.
- Contractor to maintain LPG service to existing building during construction.



1 FIRE HYDRANT DETAIL

 DESIGN SUPERVISOR  DESIGN ENGINEER	DESIGN	BY Jesus Ramirez	CHECKED Jack Wheeler
	DETAILS	BY J.R. Stangl	CHECKED Jesus Ramirez
	QUANTITIES	BY Jesus Ramirez	CHECKED Jack Wheeler

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	50M5703
POST MILE	X

BODFISH MAINTENANCE STATION
SITE PLAN

SHEET M-1

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		50	66

10/18/10
 REGISTERED MECHANICAL ENGINEER DATE
 Jack Wheeler
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

2-22-11
 PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *Gary Blumenthal*
 GARY BLUMENTHAL
 Approval date: 12-9-10

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Part 5 of 5) MECH-1C

Project Name: *Bodfish Maintenance Station Office Building* Date: *August 18, 2010*

Documentation Author's Declaration Statement
 * I Certify That This Certificate of Compliance Documentation is Accurate and Complete.

Name: *Jesus E Ramirez* Signature: *Jesus Ramirez*
 Company: *Department of Transportation, (CALTRANS)* Date: *October 18, 2010*
 Address: *1801 30th Street* If Applicable: CEA# _____ CEPE# _____
 City/State/Zip: *Sacramento, Ca 95816* Phone: *(916)227-8490*

Principal Mechanical Designer's Declaration Statement

- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the mechanical design.
- This Certificate of Compliance identifies the mechanical features and performance specifications required for compliance with Title 24, Parts 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: *Solomon Wong* Signature: *Solomon C. Wong*
 Company: *Department of Transportation, (CALTRANS)* Date: *October 18, 2010*
 Address: *1801 30th Street* License# *M27626*
 City/State/Zip: *Sacramento, Ca 95816* Phone: *(916)227-8330*

Mandatory Measures
 Indicate location on building plans of Note Block for Manatory Measures: *On File*

MECHANICAL COMPLIANCE FORMS & WORKSHEETS (Check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2008 Nonresidential Manual Note: The Enforcement Agency may require all forms to be incorporated onto the building plans.

<input checked="" type="checkbox"/>	MECH-1C	Certificate of Compliance. Required on plans for all submittals.
<input type="checkbox"/>	MECH-2C	Mechanical Equipment Summary is required for all submittals.
<input type="checkbox"/>	MECH-3C	Mechanical Ventilation and Reheat is required for all submittals with mechanical ventilation.
<input type="checkbox"/>	MECH-4C	Fan Power Consumption is required for all prescriptive submittals.

2008 Nonresidential Compliance Forms August 2009

CERTIFICATE OF COMPLIANCE and FIELD INSPECTION ENERGY CHECKLIST (Part 4 of 4) ENV -1C

Project Name: *Bodfish Maintenance Station Office Building* Date: *August 18, 2010* Climate Zone: *16*

Documentation Author's Declaration Statement
 • I Certify That This Certificate of Compliance Documentation is Accurate and Complete.

Name: *Jesus E Ramirez* Signature: *Jesus Ramirez*
 Company: *Department of Transportation, (CALTRANS)* Date: *October 18, 2010*
 Address: *1801 30th Street* If Applicable: CEA# _____ CEPE# _____
 City/State/Zip: *Sacramento, Ca 95816* Phone: *(916)227-8490*

Principal Designer's Declaration Statement

- I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the design.
- This Certificate of Compliance identifies the envelope features and performance specifications required for compliance with Title 24, Parts 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: *Goffredo Rivlecchio* C17914 Signature: *Goffredo Rivlecchio*
 Company: *Department of Transportation, (CALTRANS)* Date: *October 18, 2010*
 Address: *1801 30th Street* License# *C-17914*
 City/State/Zip: *Sacramento, Ca 95816* Phone: *(916)227-8286*

Envelope Mandatory Measures
 Indicate location on building plans of Mandatory Envelope Measures Note Block: *On File*

INSTRUCTIONS TO APPLICANT ENVELOPE COMPLIANCE & 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 Compliance Manual.

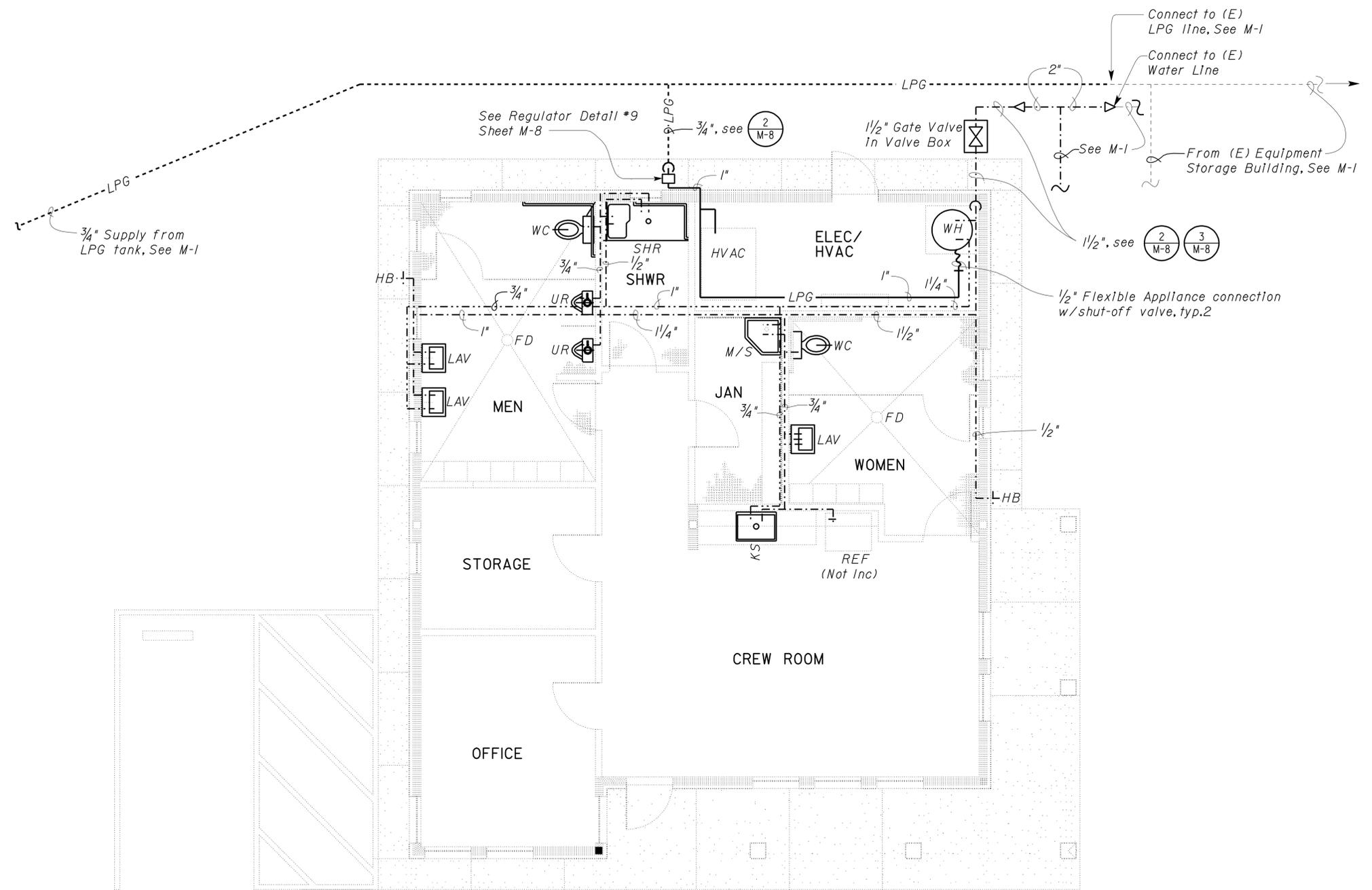
<input checked="" type="checkbox"/>	ENV-1C	Certificate of Compliance and Field Inspections Energy Checklist required on plans for all submittals.
<input type="checkbox"/>	ENV-2C	Use with the Envelope Component Approach. Optional on Plans.
<input type="checkbox"/>	ENV-3C	Use with the Overall Envelope TDV Energy Approach. Optional on plans.
<input type="checkbox"/>	ENV-4C	Use when minimum skylight requirements for large enclosed spaces are required in climate zones 2 through 15. Optional on plans.

2008 Nonresidential Compliance Forms August 2009

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		51	66

12/20/10 REGISTERED MECHANICAL ENGINEER DATE	2-22-11 PLANS APPROVAL DATE

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- Notes:
- For exact location of plumbing fixtures, See Architectural Plans.
 - Contractor shall route supply line from trap primers to floor drains, See (6) (7) (M-8) (M-8)
- Equipment:
- WH Propane water heater; 40 gallon tank, 36,000 Btuh min., LPG operation, direct vent thru roof with roof cap, see (1) (M-8)

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:
 GARY BLUMENTHAL
 Approval date: 12-9-10

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



DESIGN BY <i>Jesus Ramirez</i>	CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION	SHEET M-2	
				POST MILE X			PLUMBING FLOOR PLAN
DETAILS BY <i>J.R. Stangl</i>	CHECKED <i>Jesus Ramirez</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 06000009621	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF
QUANTITIES BY <i>Jesus Ramirez</i>	CHECKED <i>Jack Wheeler</i>			DISREGARD PRINTS BEARING EARLIER REVISION DATES	09/17/10	10/18/10	

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EA 06-0M4001

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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		52	66


 REGISTERED MECHANICAL ENGINEER DATE 12/20/10
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

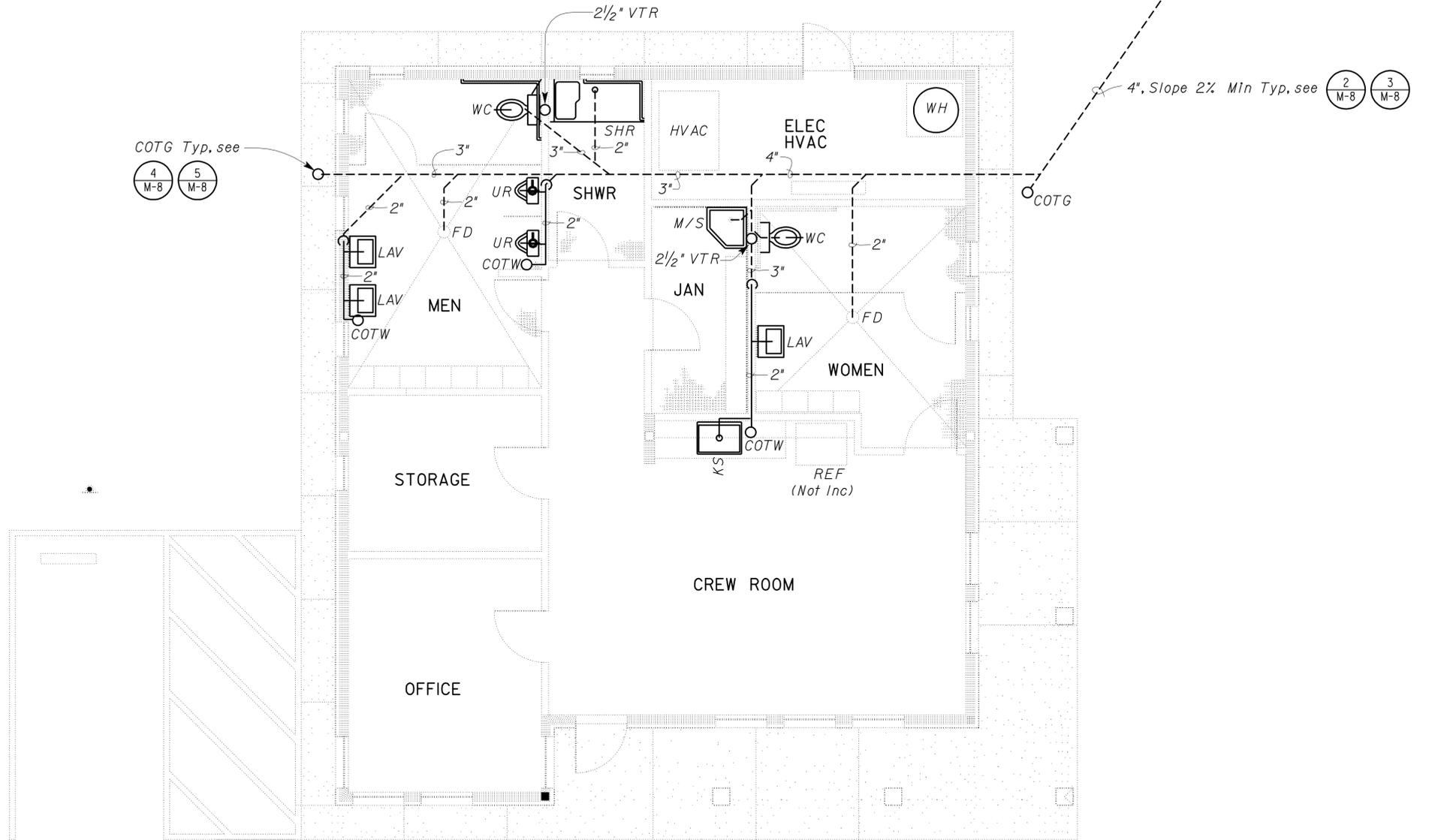
2-22-11
 PLANS APPROVAL DATE

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Reviewed by: 
 GARY BLUMENTHAL
 Approval date: 12-9-10



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



DESIGN	BY Jesus Ramirez	CHECKED Jack Wheeler
DETAILS	BY J.R. Stangl	CHECKED Jesus Ramirez
QUANTITIES	BY Jesus Ramirez	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	50M5703
POST MILE	X

BODFISH MAINTENANCE STATION
 PLUMBING FLOOR PLAN

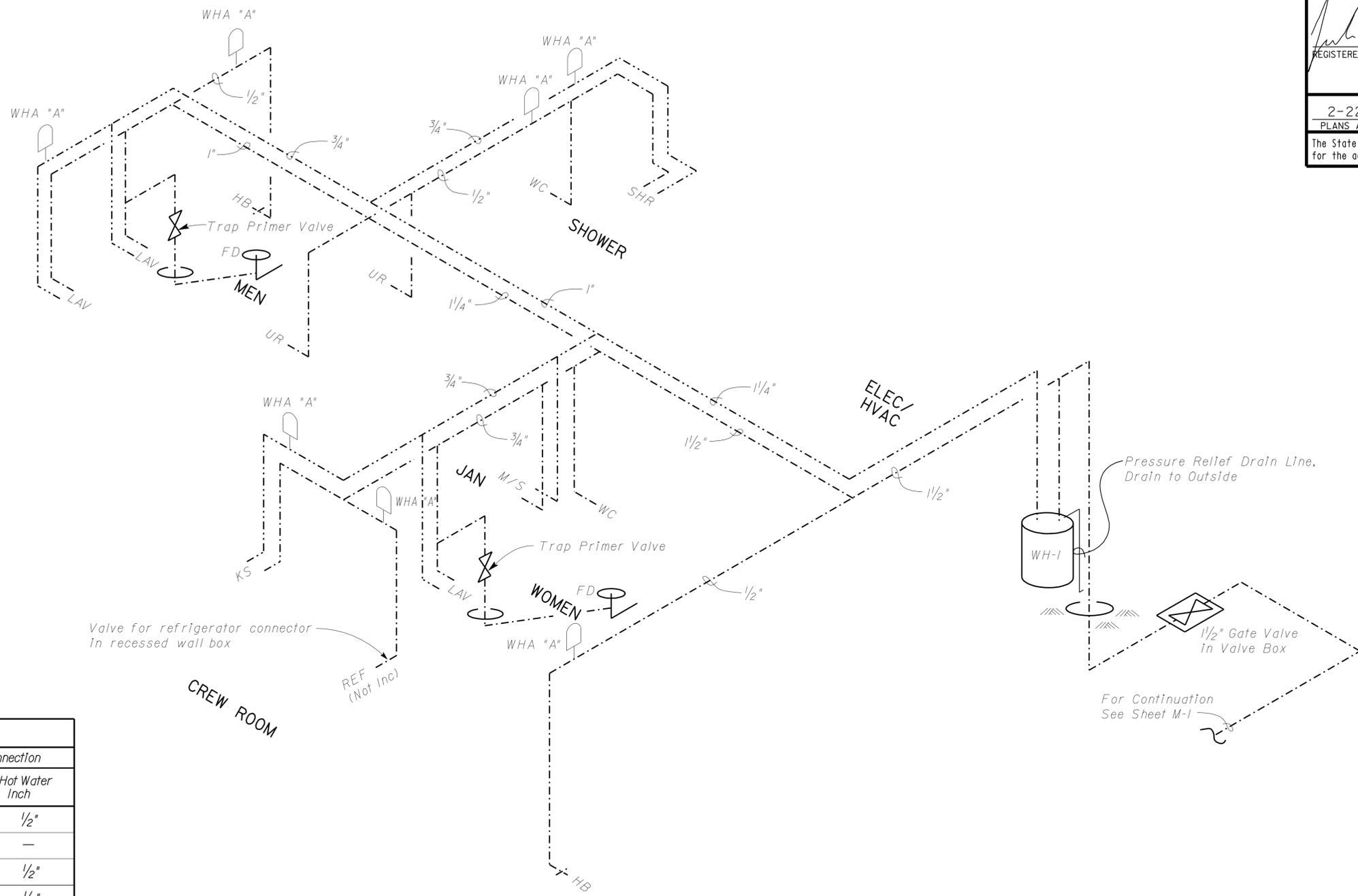
SHEET **M-3** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		53	66

REGISTERED MECHANICAL ENGINEER DATE 12/20/10
 Jack Wheeler No. 21648 Exp. 6-30-11
 STATE OF CALIFORNIA MECH
 2-22-11
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 Reviewed by: GARY BLUMENTHAL
 Approval date: 12-9-10



Valve for refrigerator connector in recessed wall box

PLUMBING Fixture	SCHEDULE Connection	
	Cold Water Inch	Hot Water Inch
Lavatory	1/2"	1/2"
Urinal	1"	—
Shower	1/2"	1/2"
Kitchen Sink	1/2"	1/2"
Water Closet	1"	—
Mop Sink	3/4"	3/4"
Refrigerator/Ice maker	1/2"	

PLUMBING PLAN
NO SCALE



DESIGN BY Jesus Ramirez	CHECKED Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION	SHEET M-4	
				POST MILE X			ISOMETRIC PLUMBING PLAN
DETAILS BY J.R. Stangl	CHECKED Jesus Ramirez	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 06000009621	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF
QUANTITIES BY Jesus Ramirez	CHECKED Jack Wheeler			DISREGARD PRINTS BEARING EARLIER REVISION DATES	09/17/10	09/18/10	

EA 06-OM4001

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		54	66


 REGISTERED MECHANICAL ENGINEER DATE 12/20/10
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

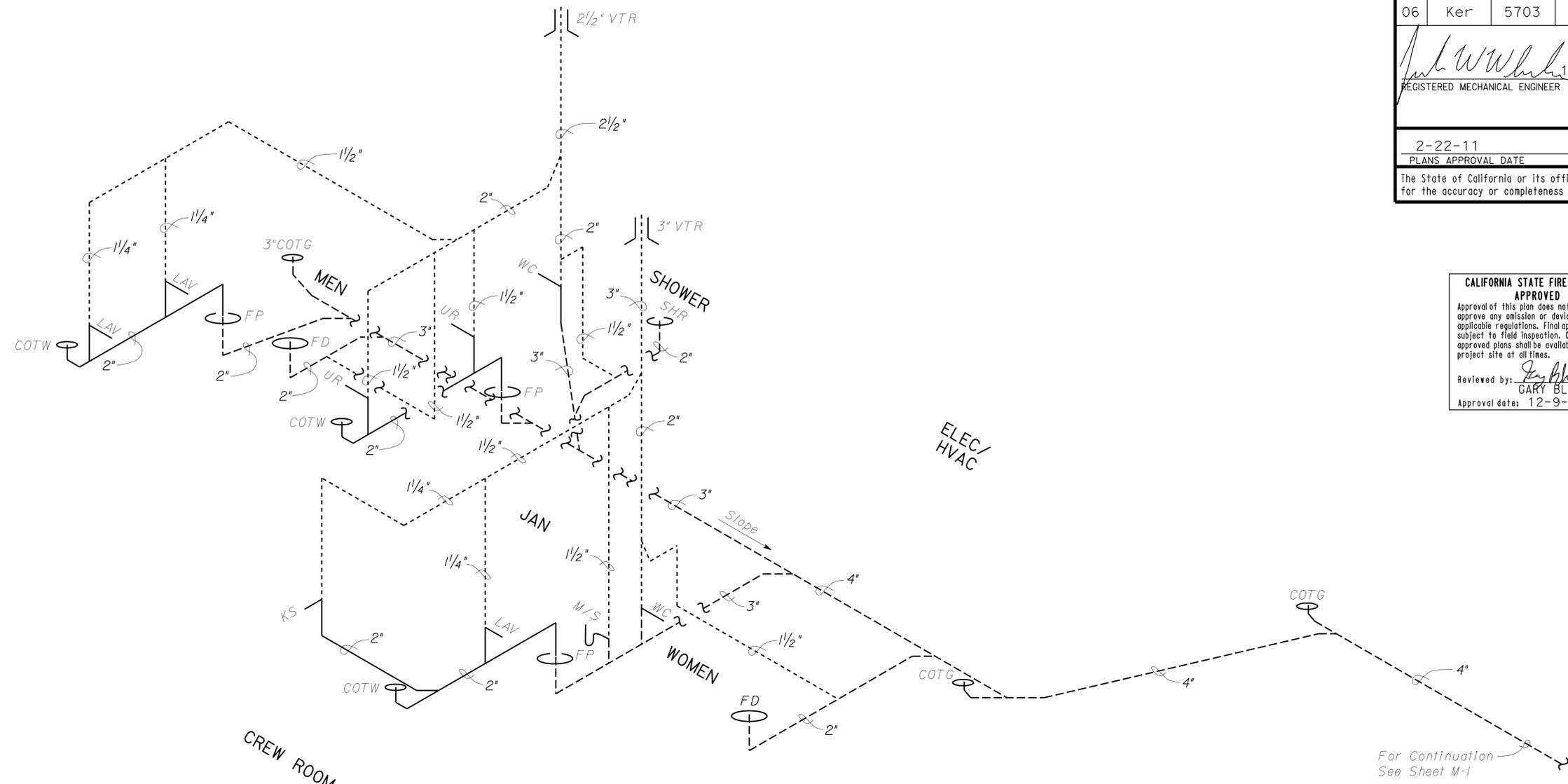
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Reviewed by: 
 GARY BLUMENTHAL
 Approval date: 12-9-10



PLUMBING SCHEDULE			
Fixture	Drainage Rough-In	Trap Inch	Vent Inch
Lavatory	2"	1 1/4"	1 1/4"
Shower	2"	2"	1 1/2"
Urinal	2"	1 1/2"	1 1/2"
Water Closet	3"	--	1 1/2"
Floor Drain	2"	2"	1 1/2"
Mop Sink	3"	3"	1 1/2"
Kitchen Sink	2"	1 1/2"	1 1/4"

SEWER PLAN
NO SCALE



For Continuation See Sheet M-1

DESIGN BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION	SHEET M-5	
			POST MILE X			ISOMETRIC PLUMBING PLAN
DETAILS BY <i>J.R. Stangl</i> CHECKED <i>Jesus Ramirez</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 06000009621	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF
QUANTITIES BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i>			DISREGARD PRINTS BEARING EARLIER REVISION DATES →			

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EA 06-OM4001

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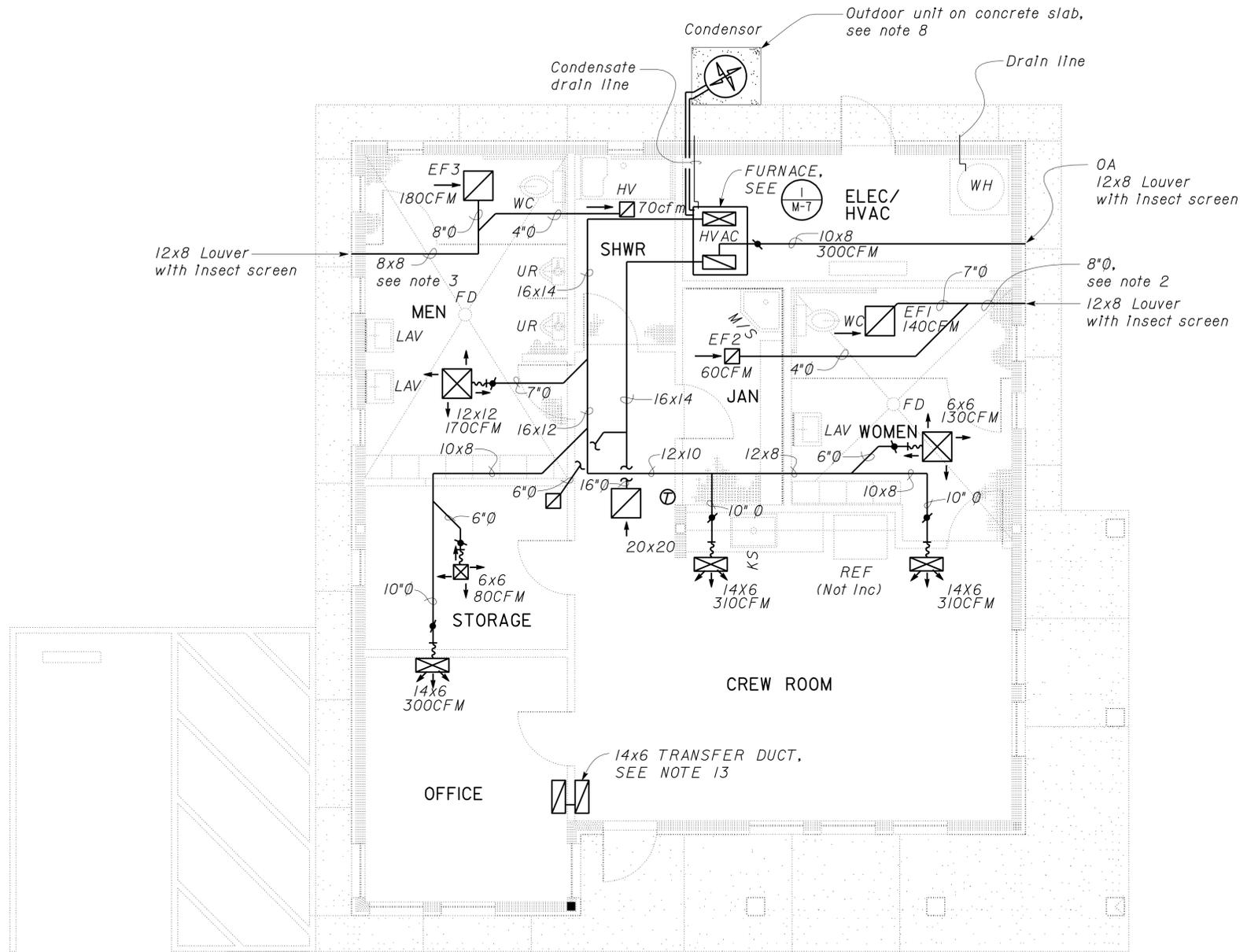
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		55	66

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: *Gary Blumenthal*
GARY BLUMENTHAL
 Approval date: 12-9-10

Jack Wheeler 12/20/10
 REGISTERED MECHANICAL ENGINEER DATE
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

2-22-11
 PLANS APPROVAL DATE

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Equipment Schedule:

- EF-1 Exhaust fan ceiling mounted, 140 CFM @ .25 SP exhaust fan, 115V-IPh-60Hz, 3 sones max.
- EF-2 Exhaust fan ceiling mounted, 60 CFM exhaust fan, 115V-IPh-60Hz, 3 sones max.
- EF-3 Exhaust fan ceiling mounted, 180 CFM @ .25 SP exhaust fan, 115V-IPh-60Hz, 3 sones max.
- H-V Heat and Vent combination, 853 Btuh nominal heating, 70 CFM exhaust fan, 115V-IPh-60Hz, 2.7 sones

Notes:

1. A/C, Gas heating/electric cooling split air conditioning system, 42000 Btuh nominal cooling capacity, 32000 Btuh sensible cooling at 102°F DB ambient temperature and 80°F DB/65°F WB indoor temperature, minimum 13.00 EER and 15.0 SEER. 1300 cfm @ 0.7 in. WC SP 230V-IPh-60Hz. 35000 Btuh input heating minimum, LPG operation, 0.90 AFUE minimum. Unit with outside air damper set at 300 cfm minimum.
2. Route 8" Dia. duct to north wall. Cap with backdraft damper and bird screen.
3. Route 8" x 8" duct to south wall. Cap with backdraft damper and bird screen.
4. EF-1, EF-2 & EF-3 shall be operated by motion sensors.
5. Rectangular duct elbows and junction fittings shall be constructed with turning vanes. See Detail 2 on M-7.
6. All balancing dampers shall be accessible.
7. For supply and return duct diffuser installation, See detail 8 on sheet M-8
8. Contractor shall construct 4" concrete slab above finish grade to accommodate condensing unit. Contractor shall verify condensing unit dimensions before pouring concrete slab.
9. Refrigerant lines shall be routed from indoor unit to outdoor unit overhead one inch apart from center to center. Penetrate through wall. Provide stainless steel jacket and insulation. Provide supports.
10. Mount thermostats on wall at 46" above finish floor.
11. Fire extinguisher shall be in cabinet, 2A-10B:C. Top of fire extinguisher in cabinet shall be mounted at 42" above finish floor.
12. Contractor shall purchase and install furnace stand to accommodate furnace unit. Furnace stand shall be 18" high.
13. Transfer Duct, install louver on both sides of walls.

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



DESIGN	BY Jesus Ramirez	CHECKED Jack Wheeler
DETAILS	BY J.R. Stangl	CHECKED Jesus Ramirez
QUANTITIES	BY Jesus Ramirez	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	50M5703
POST MILE	X

BODFISH MAINTENANCE STATION
 HVAC PLAN

SHEET M-6 OF

24-FEB-2011 11:03

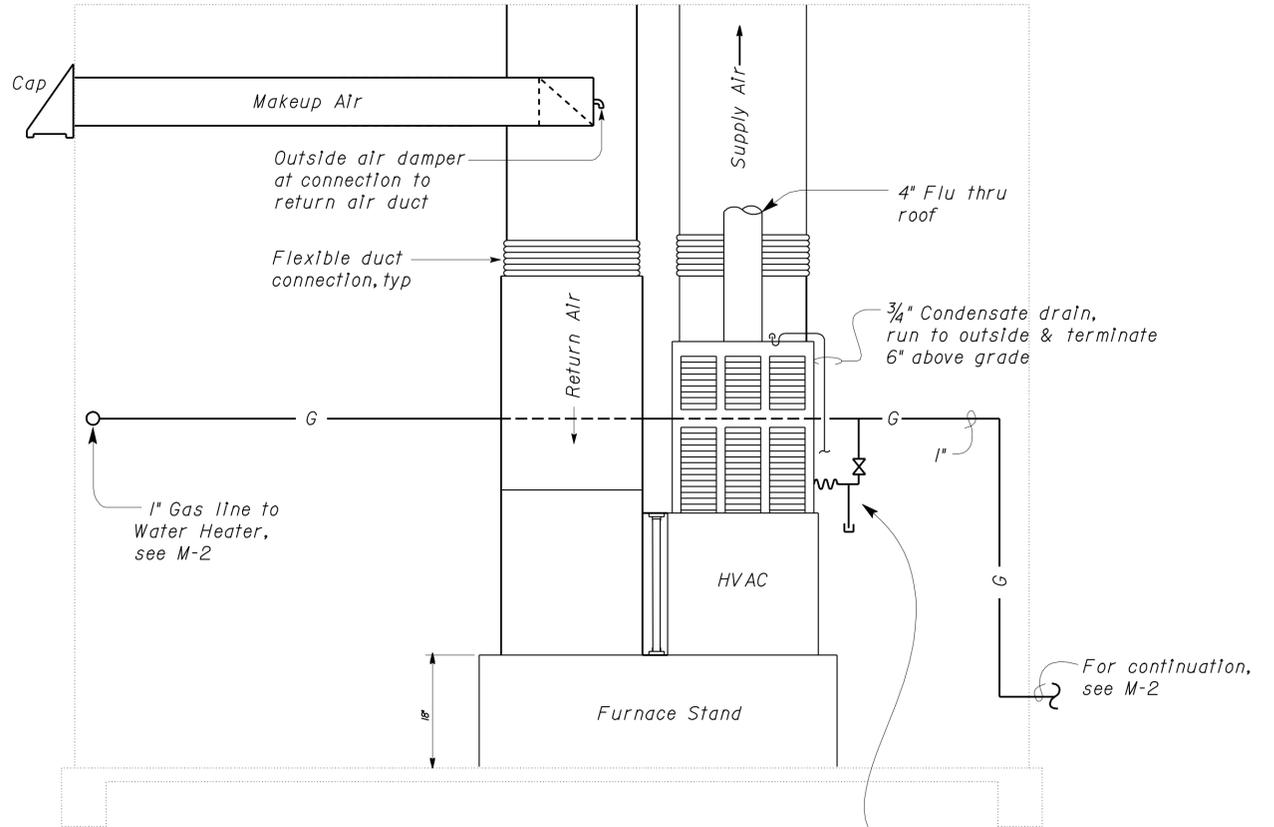
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		56	66

Jack Wheeler 10/20/10
 REGISTERED MECHANICAL ENGINEER DATE
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

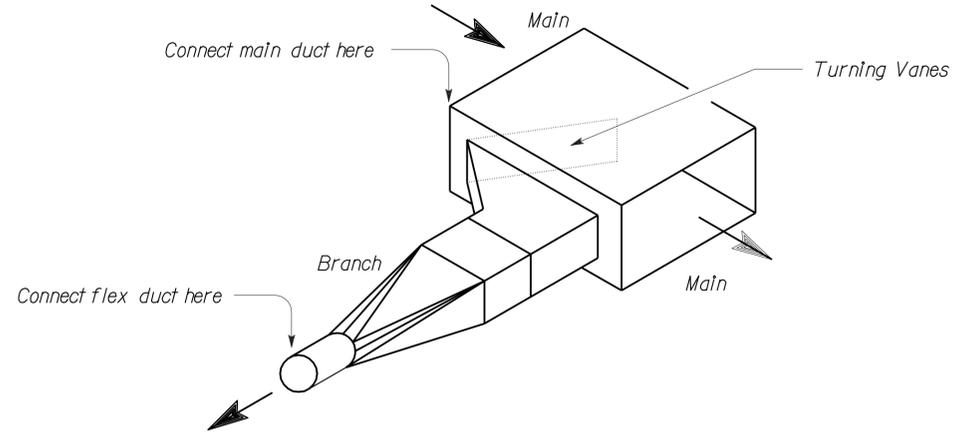
2-22-11
 PLANS APPROVAL DATE

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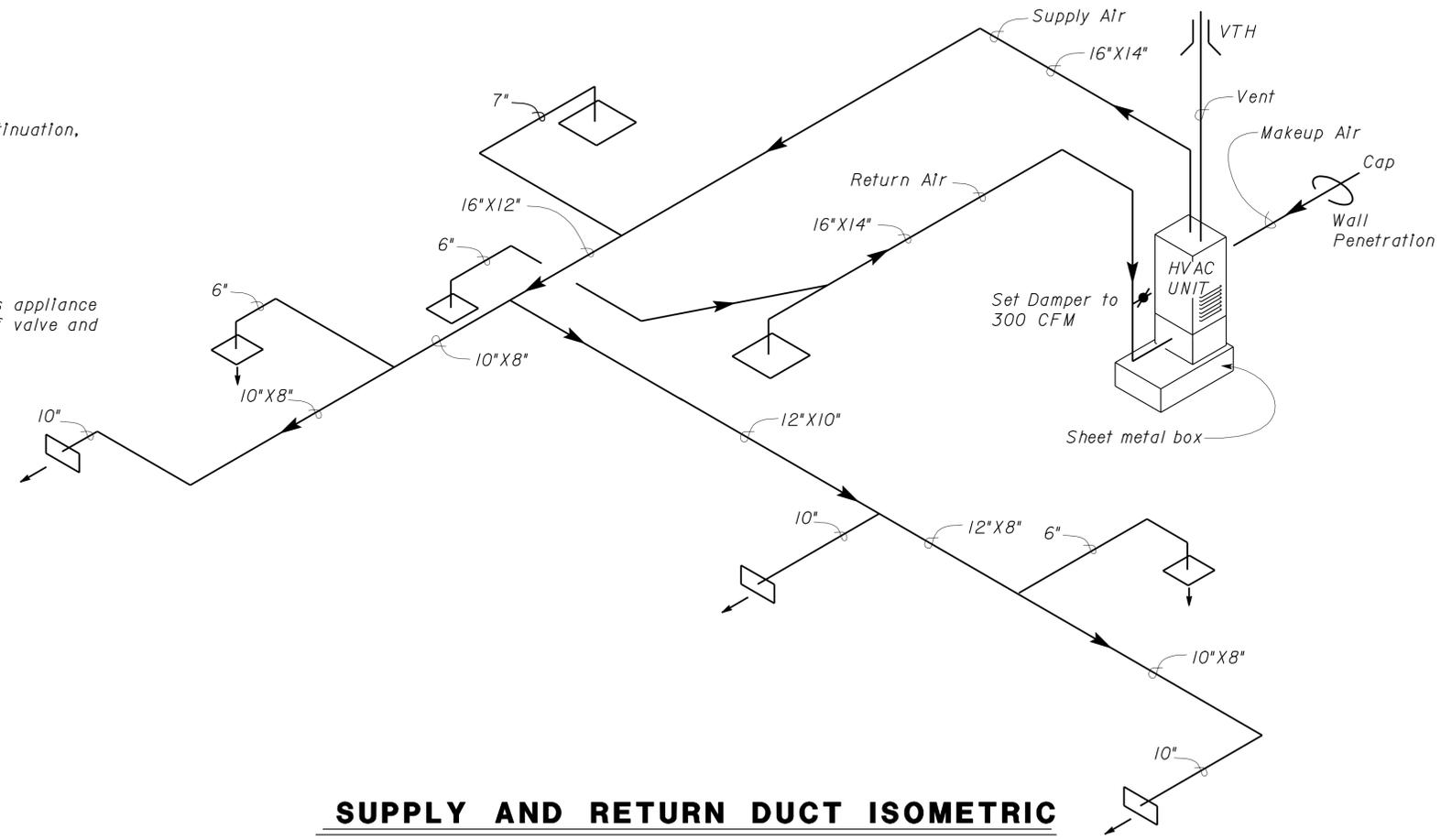
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



1 FURNACE DETAIL
 No Scale



2 SUPPLY/RETURN JUNCTION FITTING (TYP)
 No Scale



SUPPLY AND RETURN DUCT ISOMETRIC
 No Scale

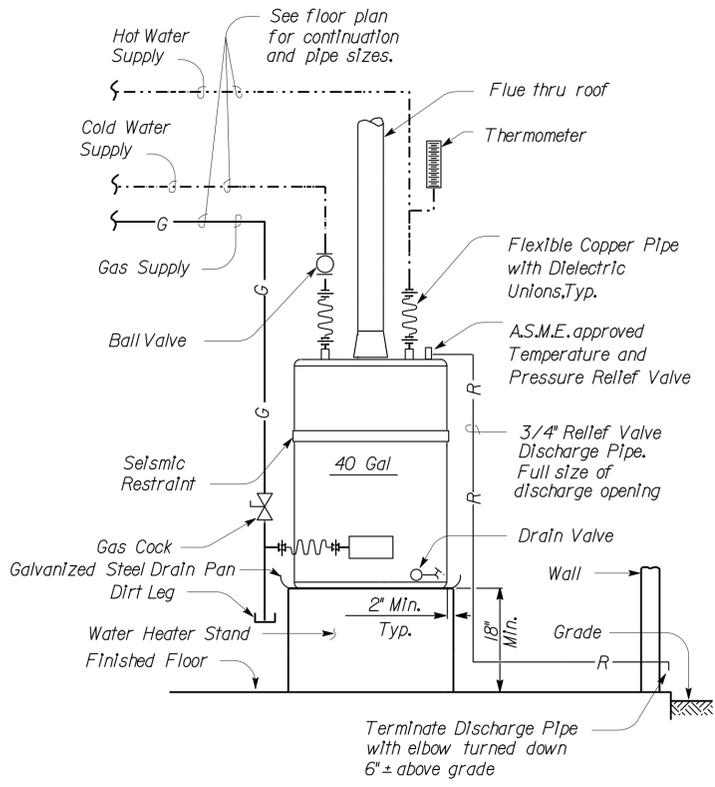
THIS SHEET ACCURATE FOR MECHANICAL WORK ONLY

DESIGN	BY	Jesus Ramirez	CHECKED	Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION	SHEET M-7		
	DETAILS	BY	J.R. Stangl	CHECKED			Jesus Ramirez	POST MILE			X	DUCT ISOMETRIC AND DETAILS
	QUANTITIES	BY	Jesus Ramirez	CHECKED			Jack Wheeler	UNIT PROJECT NUMBER & PHASE			3615 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	EA 06-0M4001	SHEET OF					

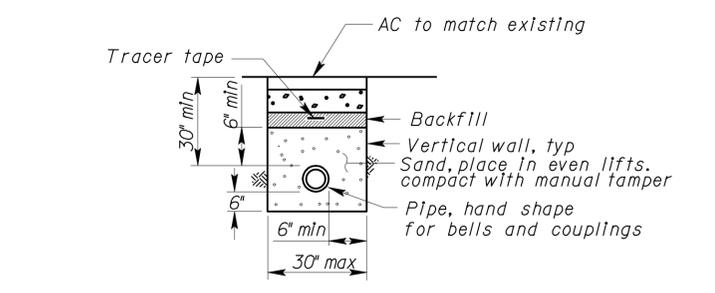
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		57	66

12/20/10 REGISTERED MECHANICAL ENGINEER DATE	2-22-11 PLANS APPROVAL DATE

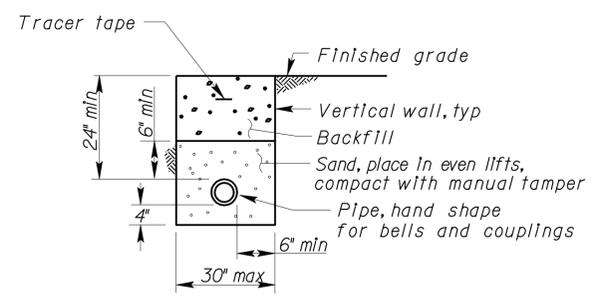
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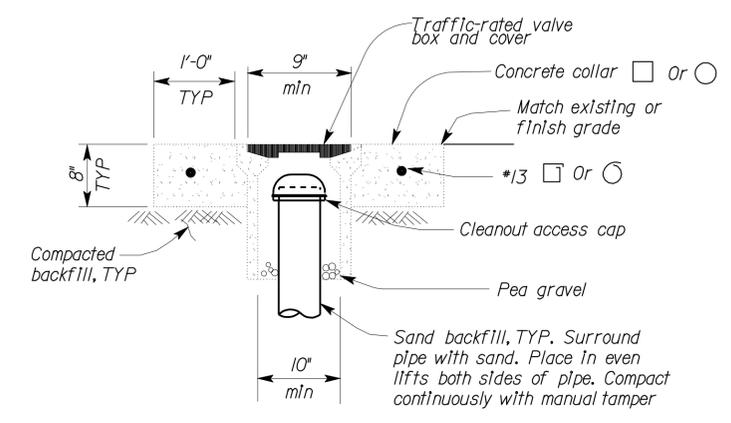
1 WATER HEATER DETAIL
No Scale



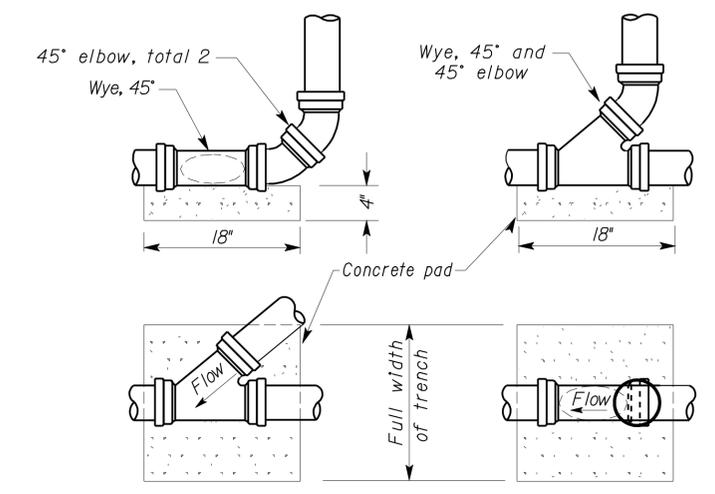
2 BURIED PIPE UNDER PAVEMENT
No Scale



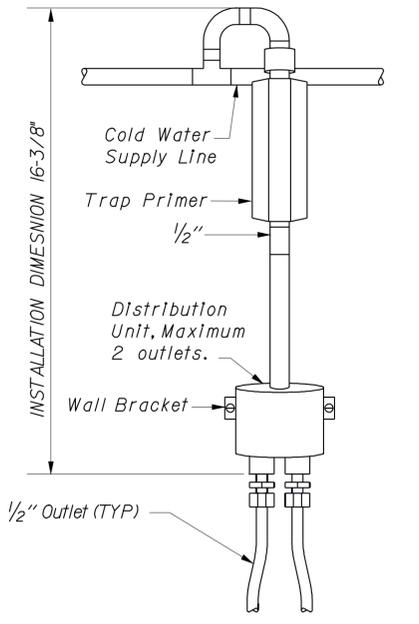
3 BURIED PIPE
No Scale



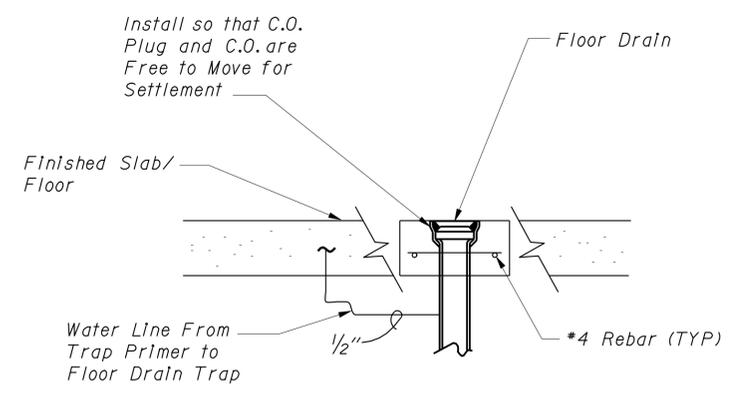
4 COTG ACCESS BOX
No Scale



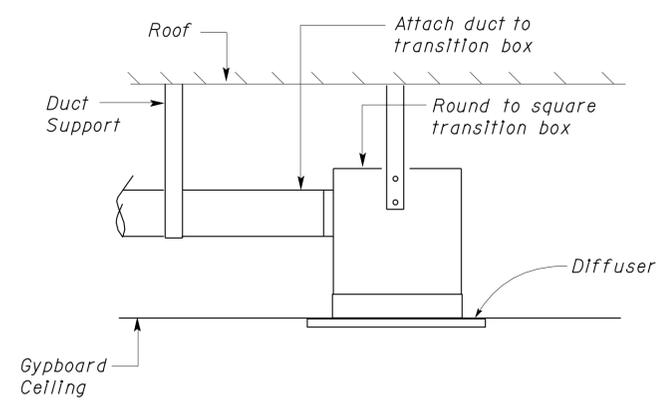
5 CLEANOUT TO GRADE
No Scale



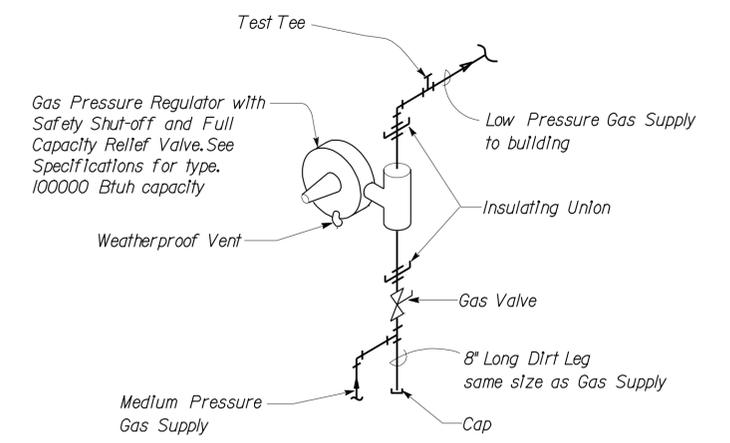
6 TRAP PRIMER INSTALLATION DETAIL
No Scale



7 INTERIOR FLOOR DRAIN & TRAP
No Scale



8 GYPBOARD DIFFUSER DETAIL
No Scale



9 GAS PRESSURE REGULATOR
No Scale

THIS SHEET ACCURATE FOR MECHANICAL WORK ONLY

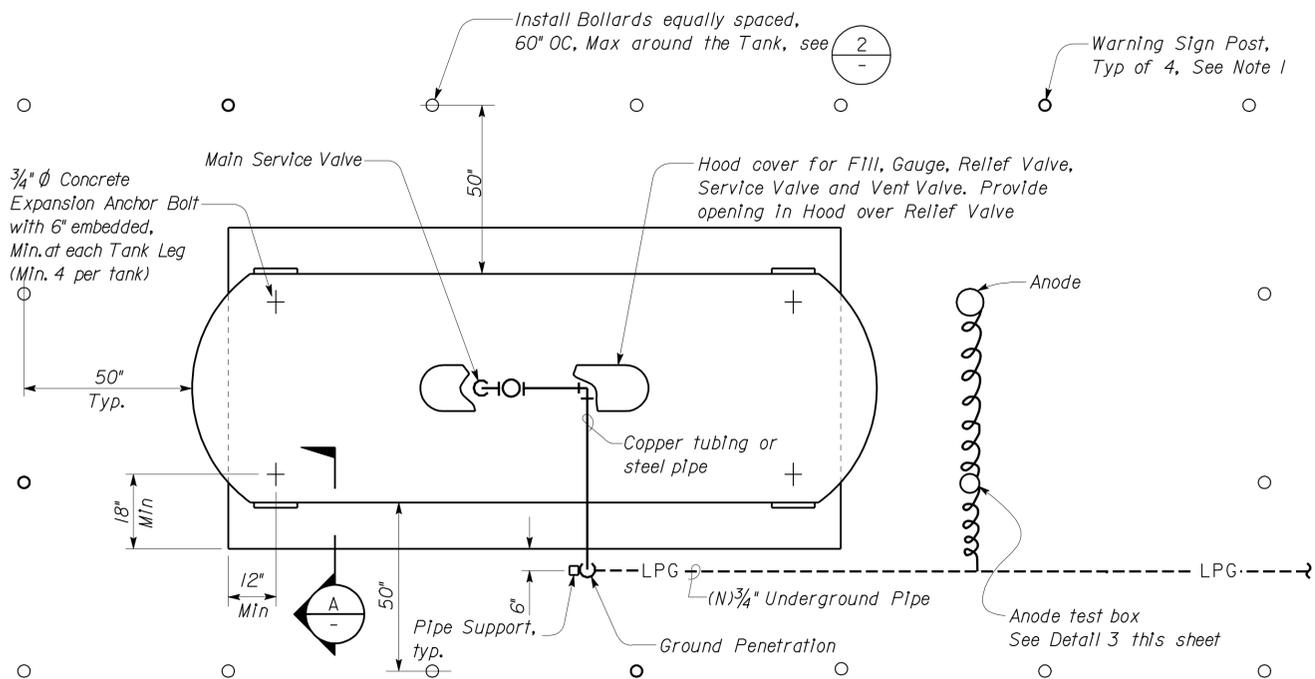
DESIGN BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i> DETAILS BY <i>J.R. Stangl</i> CHECKED <i>Jesus Ramirez</i> QUANTITIES BY <i>Jesus Ramirez</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703 POST MILE X	BODFISH MAINTENANCE STATION MISC. MECHANICAL DETAILS	SHEET M-8
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 06000009621	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 09/17/10 10/22/10 12/20/10	SHEET OF	25-FEB-2011 09:30 m_8.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		58	66

REGISTERED MECHANICAL ENGINEER
 DATE 12/20/10
 Jack Wheeler
 No. 21648
 Exp. 6-30-11
 MECH
 STATE OF CALIFORNIA

2-22-11
 PLANS APPROVAL DATE

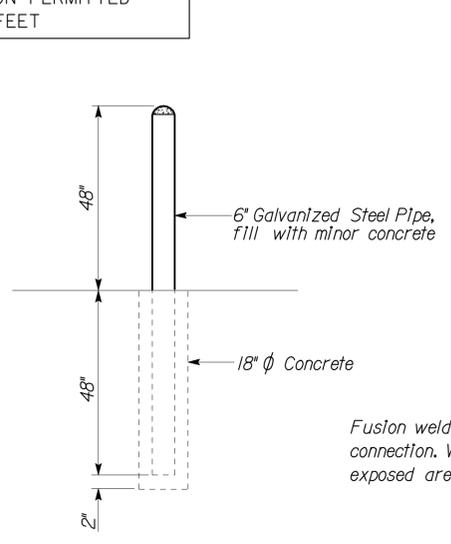
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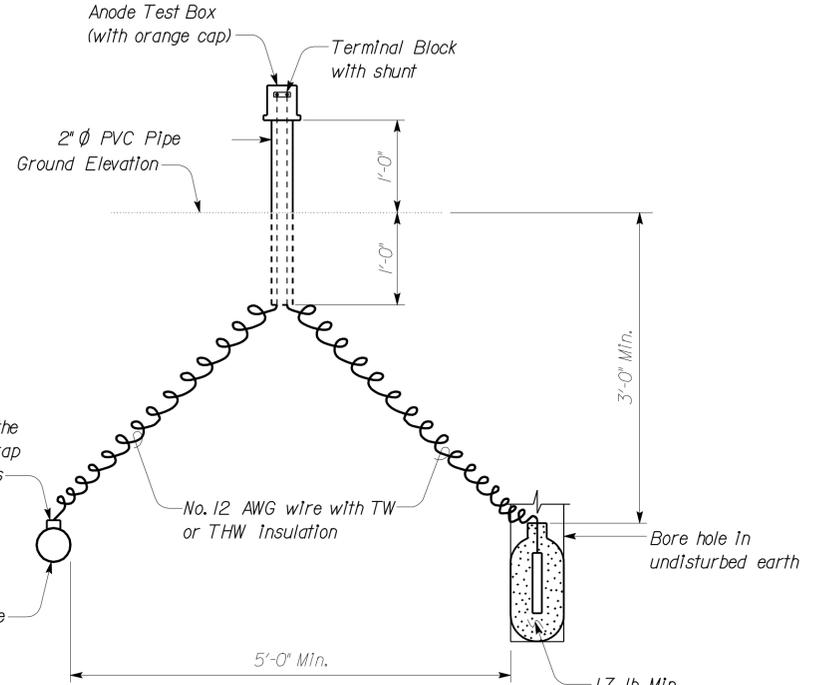
PLAN
NO SCALE

- Notes:
1. Mount Warning Signs for LPG Tank on 2" Standard Galvanized Steel Pipe at the height of 50" and clamp to the back of guard post with two Stainless Steel Brackets at location as shown.
 2. Approximate LPG Tank Slab dimensions shall be 10' x 6'. Contractor shall verify tank dimensions before pouring slab.
 3. All pipe below grade to be coated black steel.
 4. Warning shall be lettered in red letters, 1/2" high, on a white background and shall state the following:

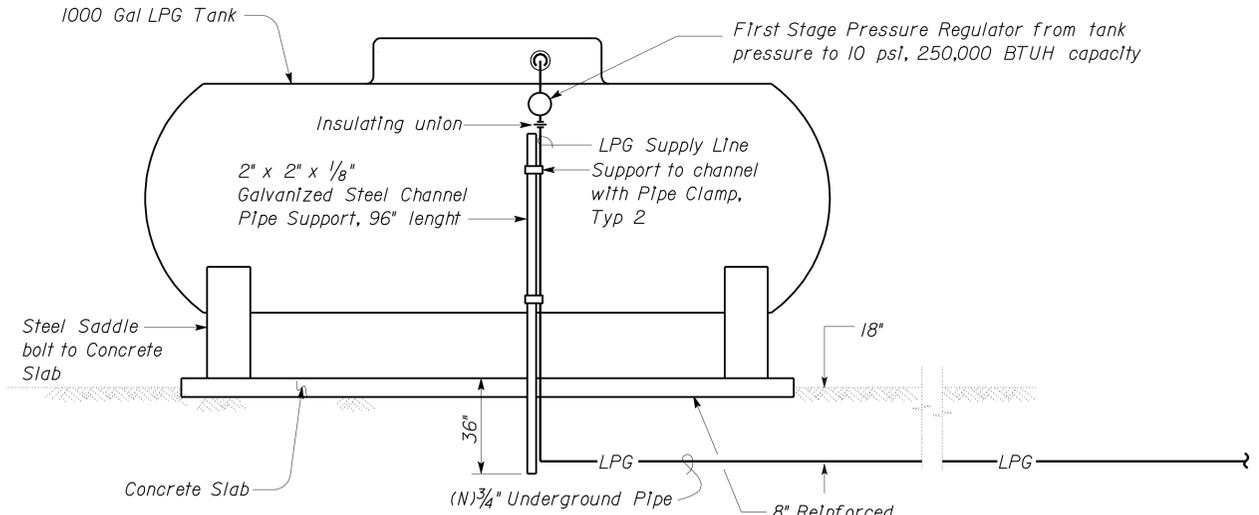
NO SMOKING, OPEN FLAMES OR OTHER SOURCE OF IGNITION PERMITTED WITHIN 50 FEET



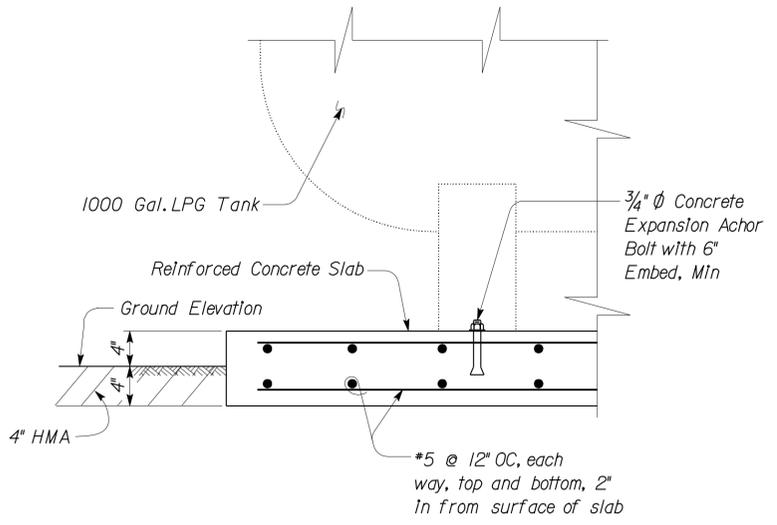
2 GUARD POST
NO SCALE



3 ANODE DETAIL
NO SCALE



1 LPG TANK
NO SCALE



A LPG TANK SLAB-SECTION

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 GARY BLUMENTHAL
 Approval date: 12-9-10

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DESIGN	BY Jesus Ramirez	CHECKED Jack Wheeler
DETAILS	BY J.R. Stangl	CHECKED Jesus Ramirez
QUANTITIES	BY Jesus Ramirez	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION
POST MILE	X	
LPG TANK AND DETAILS		SHEET M-9

GRAPHIC SYMBOLS FOR ELECTRICAL WIRING AND LAYOUT DIAGRAMS

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

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

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

REMODEL WORK

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

STANDARD NOTES

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

STANDARD PLANS

DATED MAY, 2006
• ES-8

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

PROJECT NOTES

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

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		59	66

Eric Greve
REGISTERED ELECTRICAL ENGINEER

12-16-10
DATE

2-22-11
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
ERIC GREVE
No. E 14791
Exp. 6-30-11
ELEC
STATE OF CALIFORNIA

ABBREVIATIONS

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Reviewed by: *Gary Blumenthal*
GARY BLUMENTHAL
Approval date: 12-9-10

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

DESIGN BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET EE-0
DETAILS BY <i>Kathi Andreasen</i>	CHECKED <i>Inam Maher</i>		PROJECT NUMBER & PHASE 06000009621	POST MILE		LEGEND
QUANTITIES BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>		UNIT 3618	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)

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

EA 0M4001

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

Project Name: BODFISH MAINTENANCE STATION		Date: 08-30-10
Project Address: 3115 KERN RIVER CANYON ROAD BODFISH, CA 93205	Climate Zone:	Building CFA: Unconditioned Floor Area:

General Information

Building Type:	<input checked="" type="checkbox"/> Nonresidential	<input type="checkbox"/> High-Rise Residential	<input type="checkbox"/> Hotel/Motel
	<input type="checkbox"/> Schools	<input type="checkbox"/> Relocatable Public Schools	<input checked="" type="checkbox"/> Conditioned Spaces
Phase of Construction:	<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Addition	<input type="checkbox"/> Alteration
Method of Compliance:	<input type="checkbox"/> Complete Building	<input checked="" type="checkbox"/> Area Category	<input type="checkbox"/> Tailored

Documentation Author's Declaration Statement

- I certify that this Certificate of Compliance documentation is accurate and complete.

Name: INAM U. MAHER	Signature: <i>Inam Maher</i>
Company: CALTRANS	Date: 8-30-10
Address: 1801 30TH STREET	If applicable: CEA #, CEPE #
City/State/Zip: SACRAMENTO, CA 95816	Phone: (916) 227-8518

Principal Lighting Designer's Declaration Statement

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

Name: ERIC GREVE	Signature: <i>Eric Greve</i>
Company: CALTRANS	Phone: (916) 227-8227
Address: 1801 30TH STREET	License #: E 14791
City/State/Zip: SACRAMENTO, CA 95816	Date: 12-20-10

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

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

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

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

LTG-2C Lighting Controls Credit Worksheet

LTG-3C Indoor Lighting Power Allowance

LTG-4C Pages 1 through 4 Tailored Method Worksheet

LTG-5C Pages 1 and 2 Line Voltage Track Lighting Worksheet

2008 Nonresidential Compliance Forms August 2009

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

INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

Project Name: BODFISH MAINTENANCE STATION	Date: 08-30-10
Installation Certificate, LTG-1-INST (Retain a copy and verify form is completed and signed.)	Field Inspector <input type="checkbox"/>
Certificate of Acceptance, LTG-2A (Retain a copy and verify form is completed and signed.)	Field Inspector <input type="checkbox"/>

A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces Installed Lighting Power listed on this Lighting Schedule is only for: **CONDITIONED SPACE** **UNCONDITIONED SPACE**

The actual indoor lighting power listed below includes all installed permanent and portable lighting system in accordance with S 146 (a)

Only for offices: Up to the first 0.2 watts per square foot of portable lighting shall not be required to be included in the calculation of actual indoor lighting power density in accordance with Exception to S 146 (a). All portable lighting in excess of 0.2 watts per square foot is totaled below.

A	B	C	D	E		F	G	H	
				CEC Default from NA8	According to S 130 (d or e)			Pass	Fail
Name of Item Tag	Complete Luminaire Description (i.e, 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Special Features	Watts per Luminaire 1	How wattage was determined	Number of Luminaires	Installed Watts (D x F)	Field 2 Inspector	Pass	Fail
	F1 F1-2x18 Fixture with two CFL lamps	<input type="checkbox"/>	38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23	874	<input type="checkbox"/>	<input type="checkbox"/>
	F2 F2-2x32 Fixture with two T8 lamps	<input type="checkbox"/>	54	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	108	<input type="checkbox"/>	<input type="checkbox"/>
	F3 F3-1x32 Fixture with one T8 lamp	<input type="checkbox"/>	29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	58	<input type="checkbox"/>	<input type="checkbox"/>
	F5 F5-2x18 Fixture with two CFL	<input type="checkbox"/>	38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7	266	<input type="checkbox"/>	<input type="checkbox"/>

INSTALLED WATTS PAGE TOTAL: **1,306**

Building total number of pages	1	Installed Watts Building Total	1,306
		(Sum of all pages)	

Enter into LTG-1C Page 4 of 4

- Wattage shall be determined according to Section 130 (d and e). Wattage shall be rating of light fixture, not rating of bulb.
- If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.

2008 Nonresidential Compliance Forms August 2009

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		60	66

Eric Greve
REGISTERED ELECTRICAL ENGINEER
12-16-10 DATE

2-22-11
PLANS APPROVAL DATE

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



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: *Gary Blumenthal*
GARY BLUMENTHAL
Approval date: 12-9-10

DESIGN BY <i>Inam Maher</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING	SHEET EE-1	
			POST MILE			TITLE 24 COMPLIANCE NO. 1
			UNIT PROJECT NUMBER & PHASE 3618 06000009621			DISREGARD PRINTS BEARING EARLIER REVISION DATES
QUANTITIES BY <i>Inam Maher</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	EA 0M4001	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF		

General Note:

A. The Contractor to field verify the location of existing conduits and utility pipes before digging.

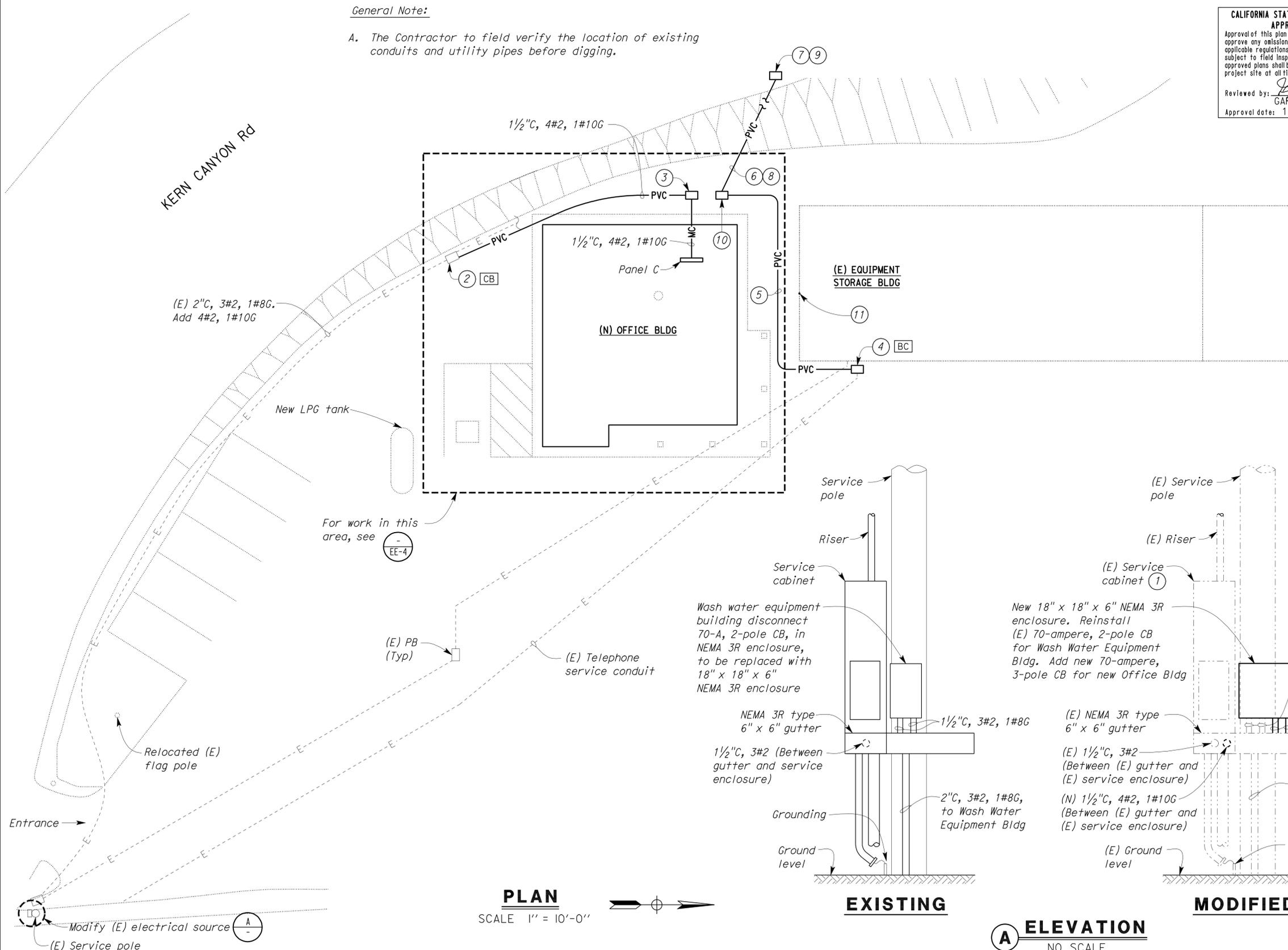
CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
 GARY BLUMENTHAL
 Approval date: 12-9-10

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		62	66

<i>Eric Greve</i>	12-16-10
REGISTERED ELECTRICAL ENGINEER	DATE

2-22-11
PLANS APPROVAL DATE

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- Notes:
- 1 Drill and tap the main buses. Provide lugs and terminate 4#2, to feed new Panel C, in new Office Building.
 - 2 Add a 1/2" PVC conduit to existing pull box.
 - 3 Add new No. 5 pull box.
 - 4 Intercept telephone service conduit with No. 5 pull box.
 - 5 1/2" C, MT, for phone service to use for their cable.
 - 6 1/2" C, MT, for TV and internet service company use.
 - 7 Install No. 5 pull box near TV and internet service company pole, located on the other side of the county road.
 - 8 Jack conduit under the county road to the new pull box.
 - 9 Actual location of this pull box is on the other side of Kern Canyon Road, about 180 feet from the new building.
 - 10 For continuation, see sheet EE-7.
 - 11 Existing Antenna to be relocated See Drawing EE-7.

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN SUPERVISOR <i>[Signature]</i> DESIGN ENGINEER <i>[Signature]</i>	DESIGN BY	Inam Maher	CHECKED	Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	50M5703	BODFISH MAINTENANCE STATION OFFICE BUILDING PARTIAL SITE PLAN	SHEET	EE-3
	DETAILS BY	Kathi Andreasen	CHECKED	Inam Maher			POST MILE			SHEET	OF
	QUANTITIES BY	Inam Maher	CHECKED	Eric Greve							

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3
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UNIT PROJECT NUMBER & PHASE	3618 06000009621
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DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 8/3/10 7/28/10 7/28/10 8/24/10 10/28/10 11/7/10 11/7/10 12/16/10
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DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		63	66

Eric Greve
REGISTERED ELECTRICAL ENGINEER
DATE: 12-16-10

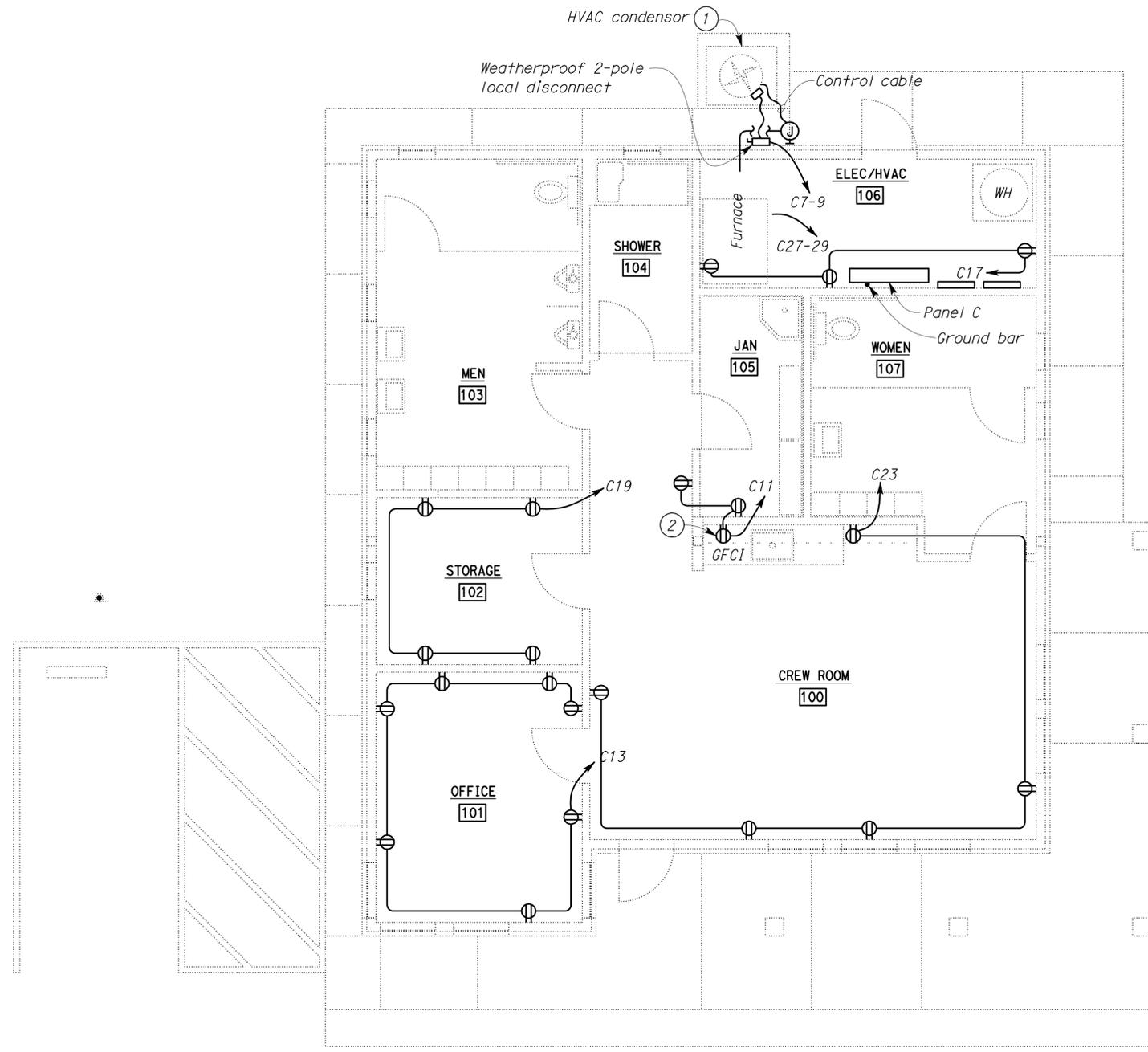
Reviewed by: *Gary Blumenthal*
GARY BLUMENTHAL
Approval date: 12-9-10

2-22-11
PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.



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

MAIN: 70-AMPERE, 3-POLE
VOLTS: 240/120 V, 3 Ø, 4-WIRE

PANEL C

FEEDER SIZE: 4#2, 1#10G
LOCATION: ELECTRICAL/HVAC ROOM

DESCRIPTION	AMPERES			BRK	CKT	* B C			CKT	BRK	AMPERES			DESCRIPTION
	A	B*	C			A	B	C			A	B*	C	
SPARE	---	---	---	30/3	1				2	20/1	2.4	---	---	LIGHTS - OFFICE, STORAGE
					3				4	---	---	---	---	SPACE
					5				6	20/1	---	---	---	SPACE
HVAC CONDENSING UNIT	19.5			40/2	7				8	20/1	5.0	---	---	LIGHTS - CREW ROOM
		19.5			9				10	---	---	---	---	SPACE
RECEPT - MICROWAVE OVEN, JANITOR RM			10.0	20/1	11				12	20/1			2.5	LIGHTS - WOMEN'S ROOM
RECEPT - OFFICE	10.5			20/1	13				14	20/1	---	---	---	SPACE
SPACE		---			15				16	---	---	---	---	SPACE
RECEPT - ELEC/HVAC ROOM			7.5	20/1	17				18	20/1			1.2	LIGHTS - EXTERIOR
RECEPT - STORAGE ROOM	6.0			20/1	19				20	20/1	---	---	---	SPACE
SPACE		---			21				22	---	---	---	---	SPACE
RECEPT - CREW ROOM			9.0	20/1	23				24	20/1			4.5	LIGHTS - MEN'S ROOM, SHOWER
SPARE	---			20/1	25				26	---	---	---	---	SPACE
HVAC INDOOR UNIT		8		20/2	27				28	---	---	---	---	SPACE
			8		29				30	---	---	---	---	SPACE

* "B" IS THE HIGH LEG.

A	B	C	TOTAL CONNECTED LOAD (AMPERES PER PHASE)
43.4	27.5	42.7	

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN	BY Inam Maher	CHECKED Eric Greve
DETAILS	BY Kathi Andreasen	CHECKED Inam Maher
QUANTITIES	BY Inam Maher	CHECKED Eric Greve

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO. 50M5703
POST MILE

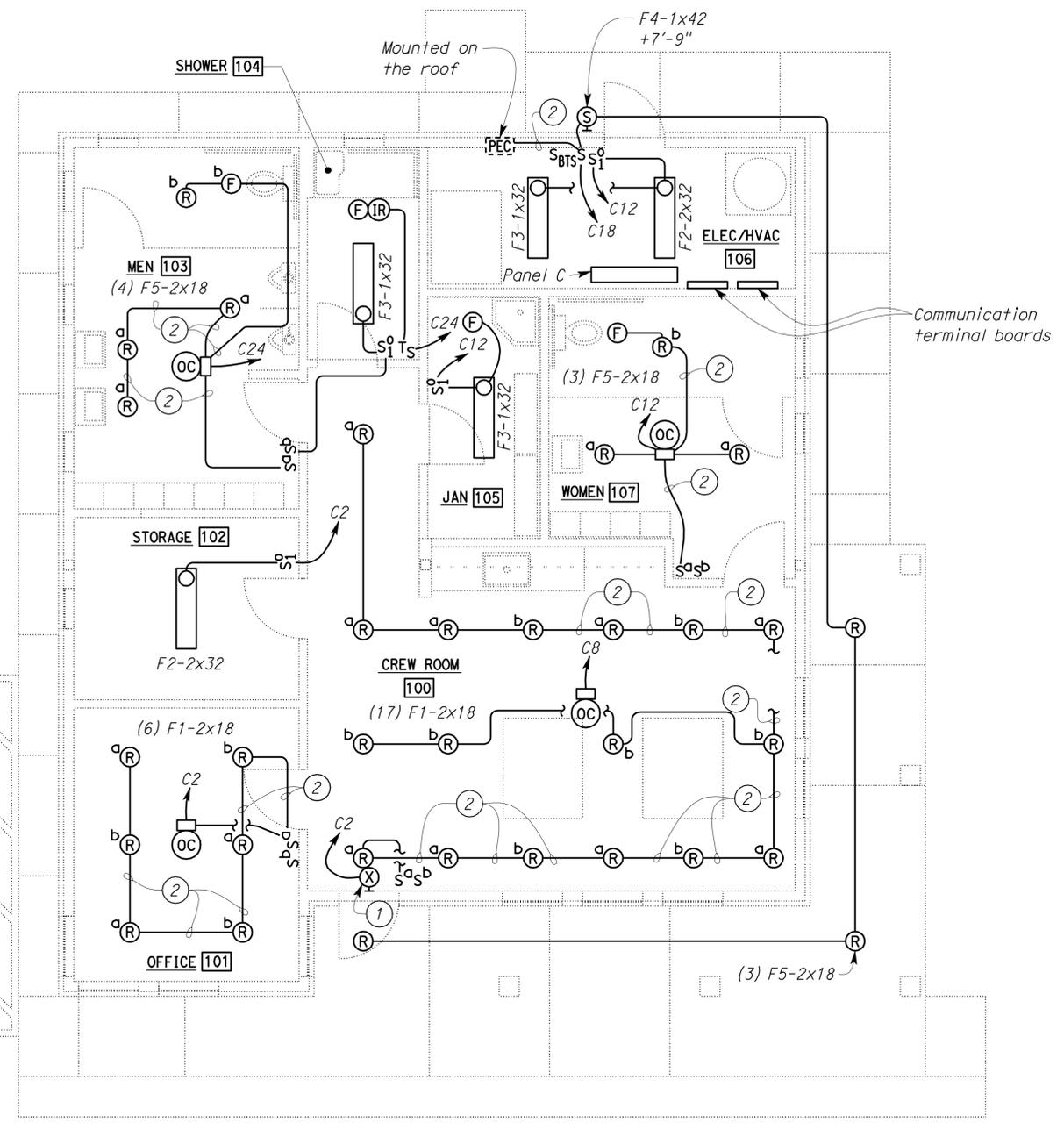
BODFISH MAINTENANCE STATION OFFICE BUILDING
POWER PLAN

SHEET EE-4 OF

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		64	66

CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> GARY BLUMENTHAL Approval date: 12-9-10		ERIC GREVE REGISTERED ELECTRICAL ENGINEER No. E 14791 Exp. 6-30-11 ELEC STATE OF CALIFORNIA
2-22-11 PLANS APPROVAL DATE		12-16-10 DATE

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



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

- General Notes:**
- A. All conduits to be 1/2" C. For wiring diagram, see sheet EE-6.
 - B. All conductors to be #12, unless noted otherwise.
- Notes:**
- ① Exit sign to be red LED type.
 - ② 1/2" C, 3#12, 1#12G.

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN	BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>
DETAILS	BY <i>Kathi Andreasen</i>	CHECKED <i>Inam Maher</i>
QUANTITIES	BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	50M5703	
POST MILE		
BODFISH MAINTENANCE STATION OFFICE BUILDING		
LIGHTING PLAN		

SHEET
EE-5

D:\ES\WSD Imperial Rev. 1/07

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0	1	2	3
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UNIT PROJECT NUMBER & PHASE
 3618 06000009621
 EA 0M4001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

8/24/10	8/24/10	6/22/10	8/23/10	10/28/10	11/24/10	11/18/10	12/16/10
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SHEET OF

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CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *Gary Blumenthal*
GARY BLUMENTHAL
 Approval date: 12-9-10

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		65	66

<i>Eric Greve</i>	12-16-10
REGISTERED ELECTRICAL ENGINEER	DATE

2-22-11
PLANS APPROVAL DATE

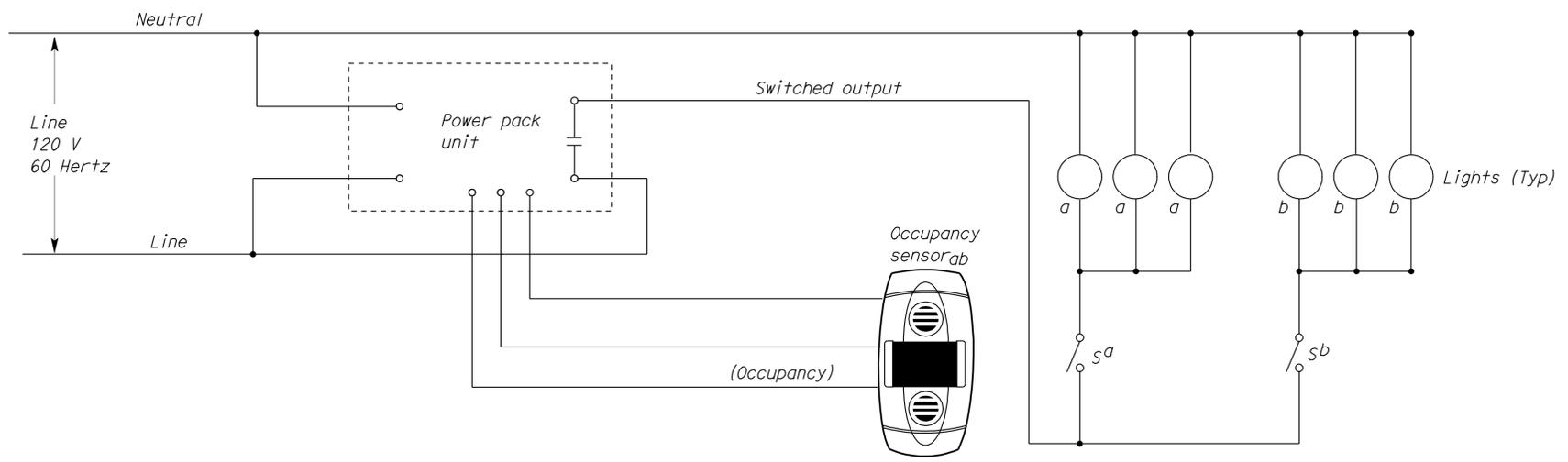
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

General Notes:

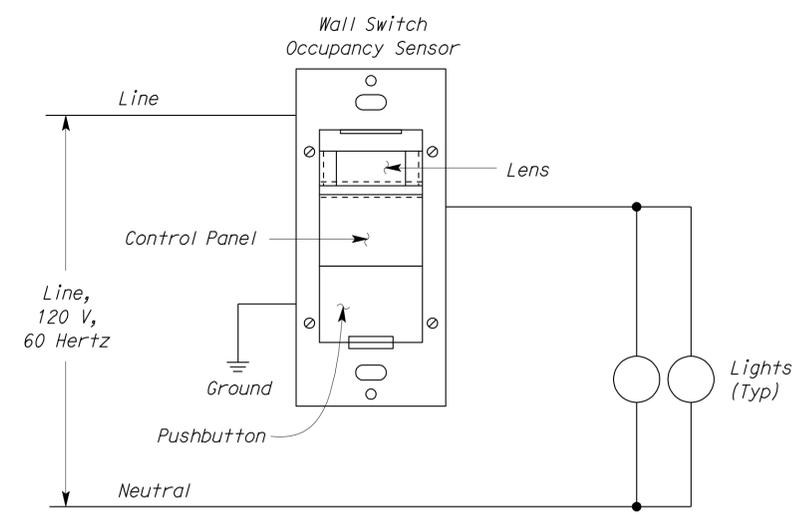
- A. Diagrams for occupancy sensor shown are for reference only. Final connection of occupancy sensors shall be per manufacturer's recommendation. The Contractor shall provide at no cost to the State any additional conductors not shown but are required for the proper operation of the selected system.
- B. For quantity of lights, switches and occupancy sensors for each system, see plans.

Note:

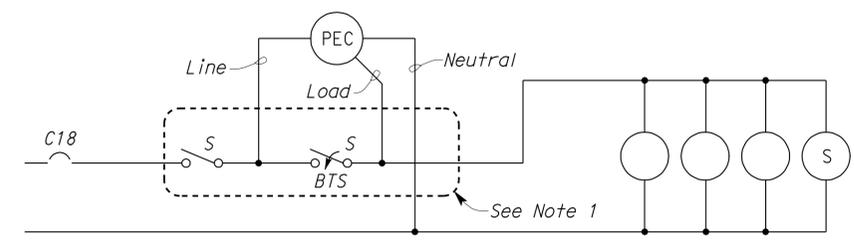
- 1. Install switch (S) and bypass timer switch (BTS) into single-gang box, next to each other.



CEILING MOUNTED OCCUPANCY SENSOR WIRING DIAGRAM



WALL SWITCH OCCUPANCY SENSOR WIRING DIAGRAM



EXTERIOR LIGHTS CONTROL WIRING DIAGRAM

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN	BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>
DETAILS	BY <i>Kathi Andreasen</i>	CHECKED <i>Inam Maher</i>
QUANTITIES	BY <i>Inam Maher</i>	CHECKED <i>Eric Greve</i>

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	50M5703
POST MILE	

BODFISH MAINTENANCE STATION OFFICE BUILDING
 LIGHTING DETAILS

SHEET	EE-6
-------	------

DIST.	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5703		66	66

<i>Eric Greve</i>		12-16-10
REGISTERED ELECTRICAL ENGINEER	DATE	

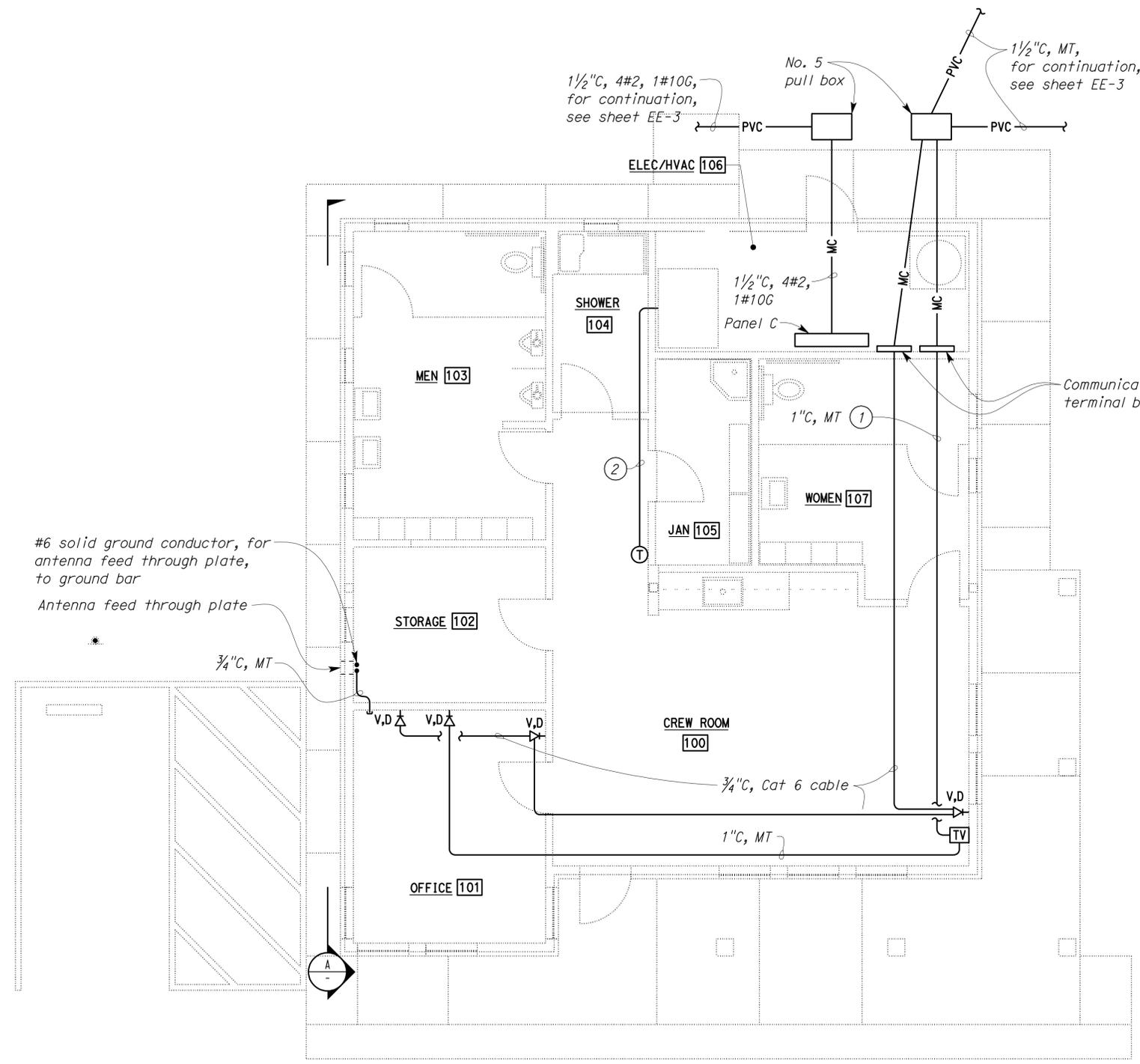
2-22-11
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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: *Gary Blumenthal*
GARY BLUMENTHAL
Approval date: 12-9-10

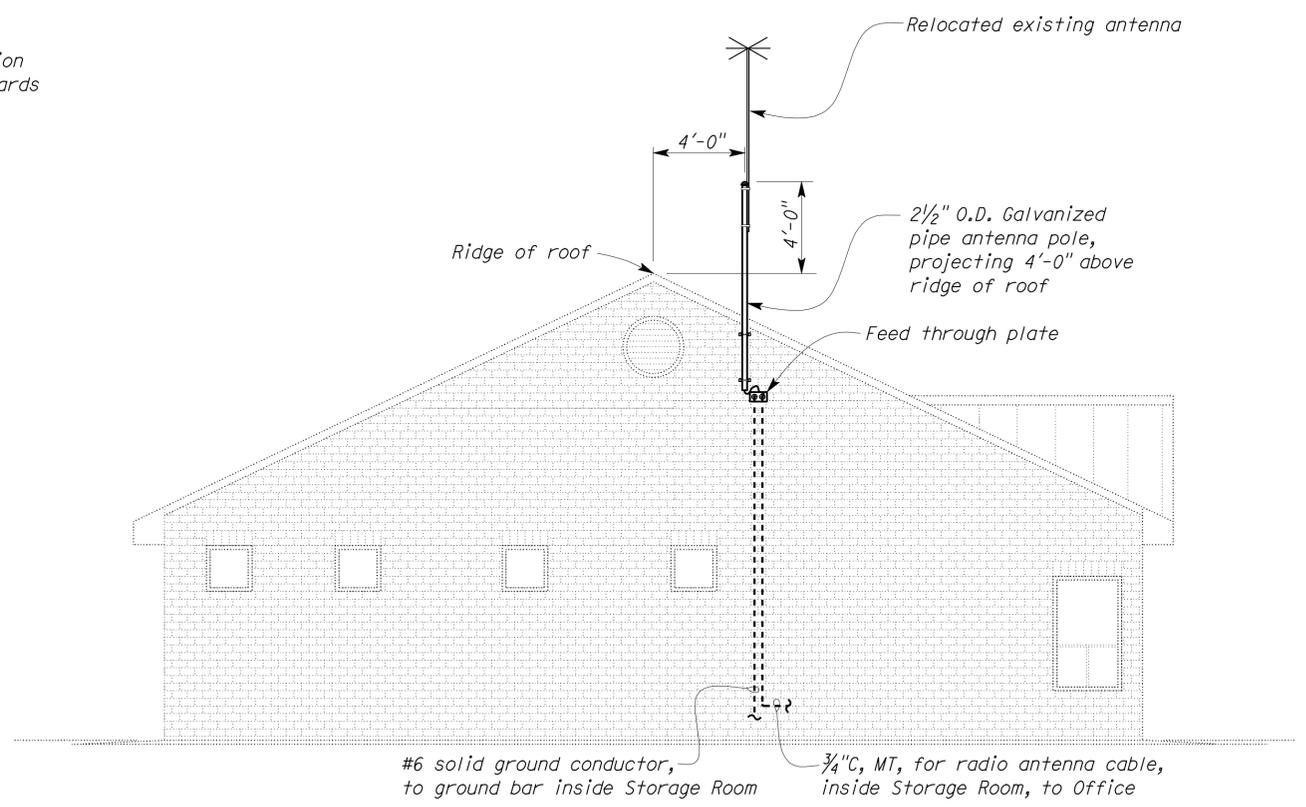


General Note:

- (a) Installation of the communication system shall conform to the guideline of TIA/EIA TSB36 and the cable manufacturer recommendations.

Notes:

- 1 Cables for the TV and internet service to be run by the TV and internet service company.
- 2 Thermostat and cable by the HVAC Contractor.



ANTENNA MOUNTING DETAIL
A SOUTH ELEVATION
SCALE 1/4" = 1'-0"

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

THIS DRAWING ACCURATE FOR ELECTRICAL WORK ONLY.

DESIGN BY <i>Inam Maher</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Kathi Andreasen</i> CHECKED <i>Inam Maher</i>	QUANTITIES BY <i>Inam Maher</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES		BRIDGE NO.	BODFISH MAINTENANCE STATION OFFICE BUILDING		SHEET EE-7
					ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN		50M5703			
							POST MILE			
UNIT PROJECT NUMBER & PHASE 3618 06000009621					DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3					EA 0M4001		7/6/10 7/29/10 8/24/10 10/28/10 12/16/10			

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