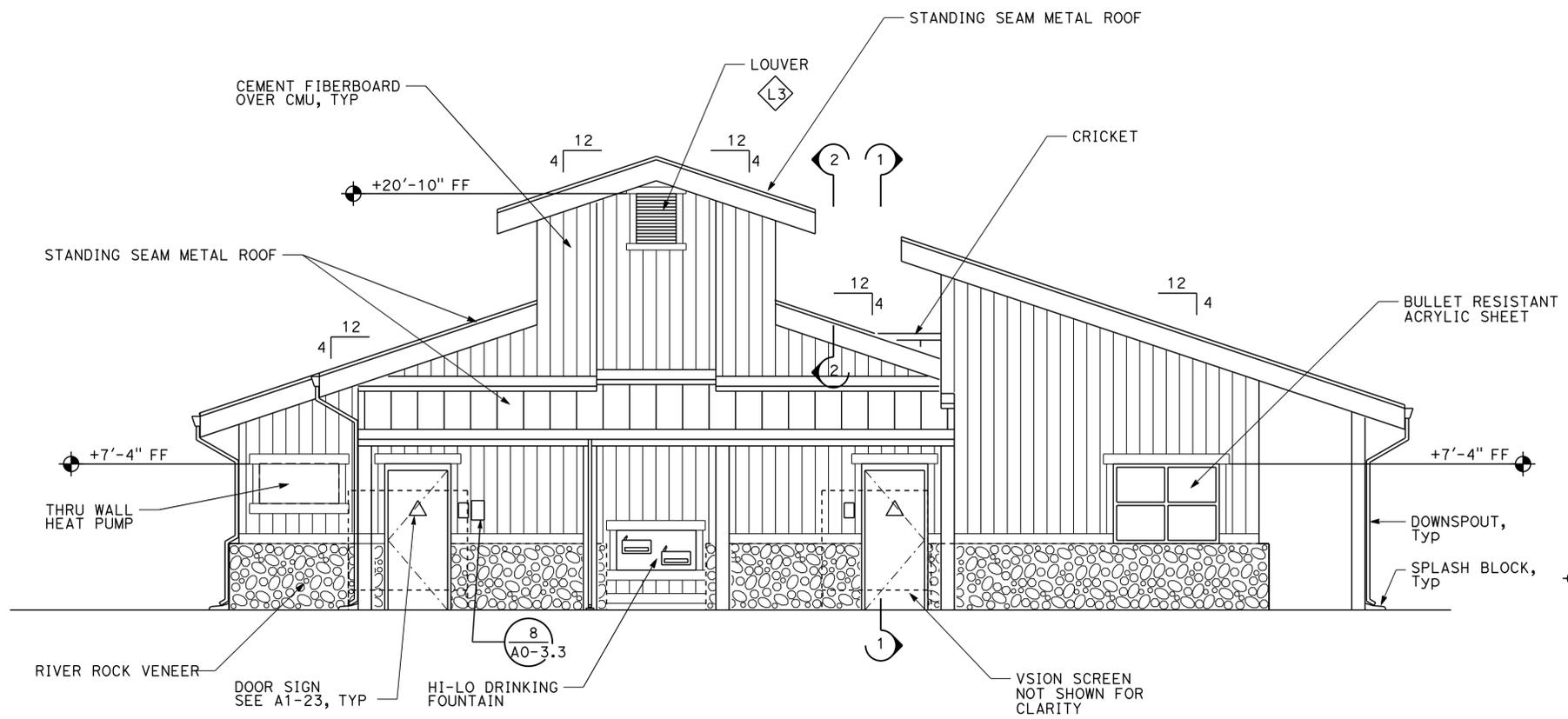


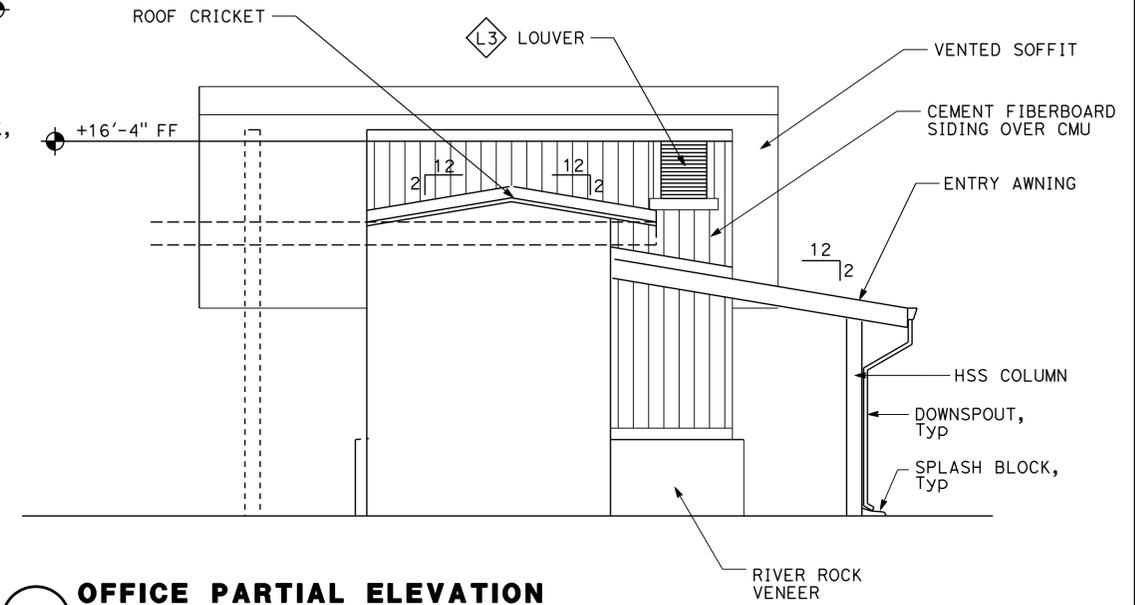
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	101	199

<i>A. Manansala</i> 9-25-13		
LICENSED ARCHITECT	DATE	
4-1-14		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>		

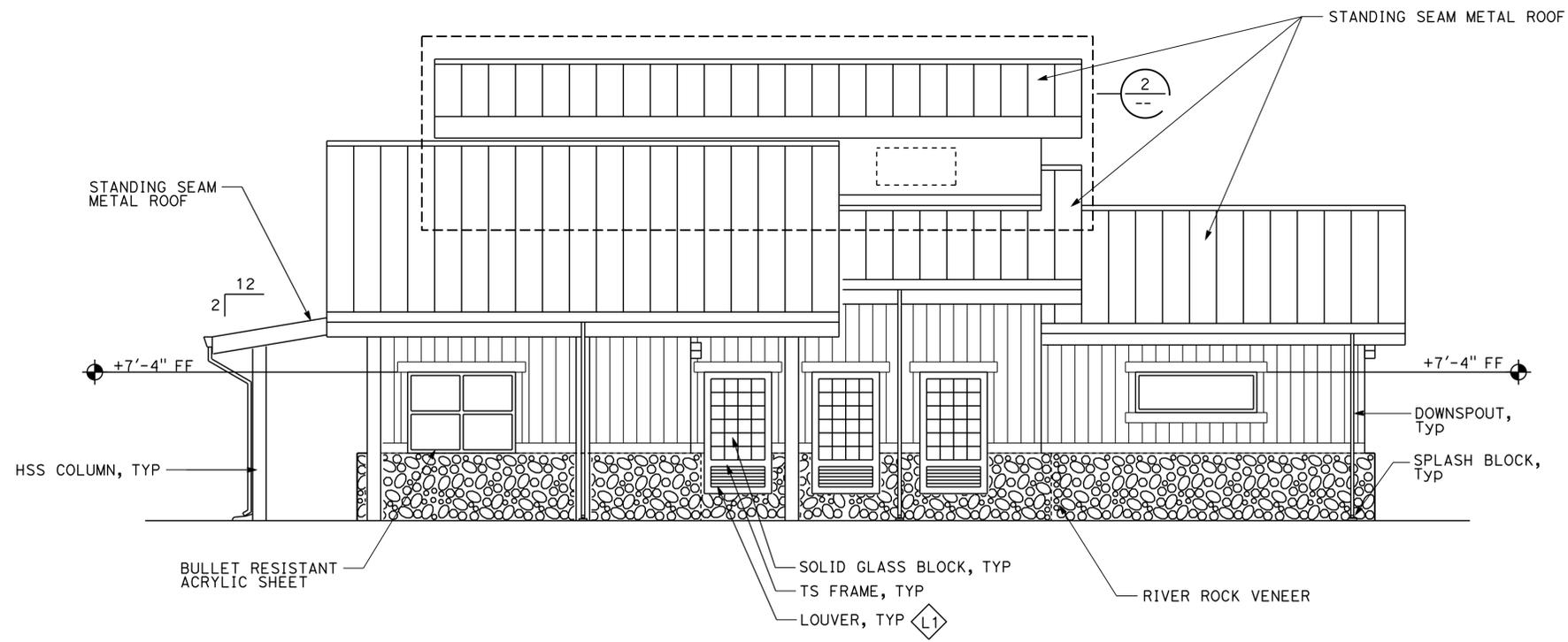
Note: Men's comfort station finish materials and colors similar to women's comfort station.



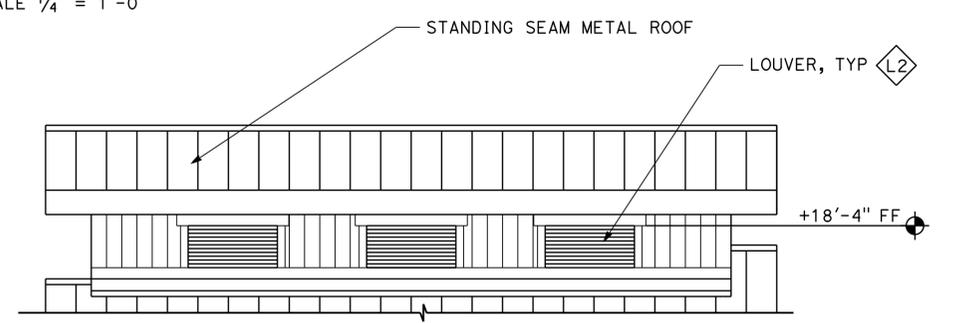
SOUTH ELEVATION
SCALE 1/4" = 1'-0"



1 OFFICE PARTIAL ELEVATION
SCALE 1/4" = 1'-0"



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



2 CUPOLA PARTIAL ELEVATION
SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

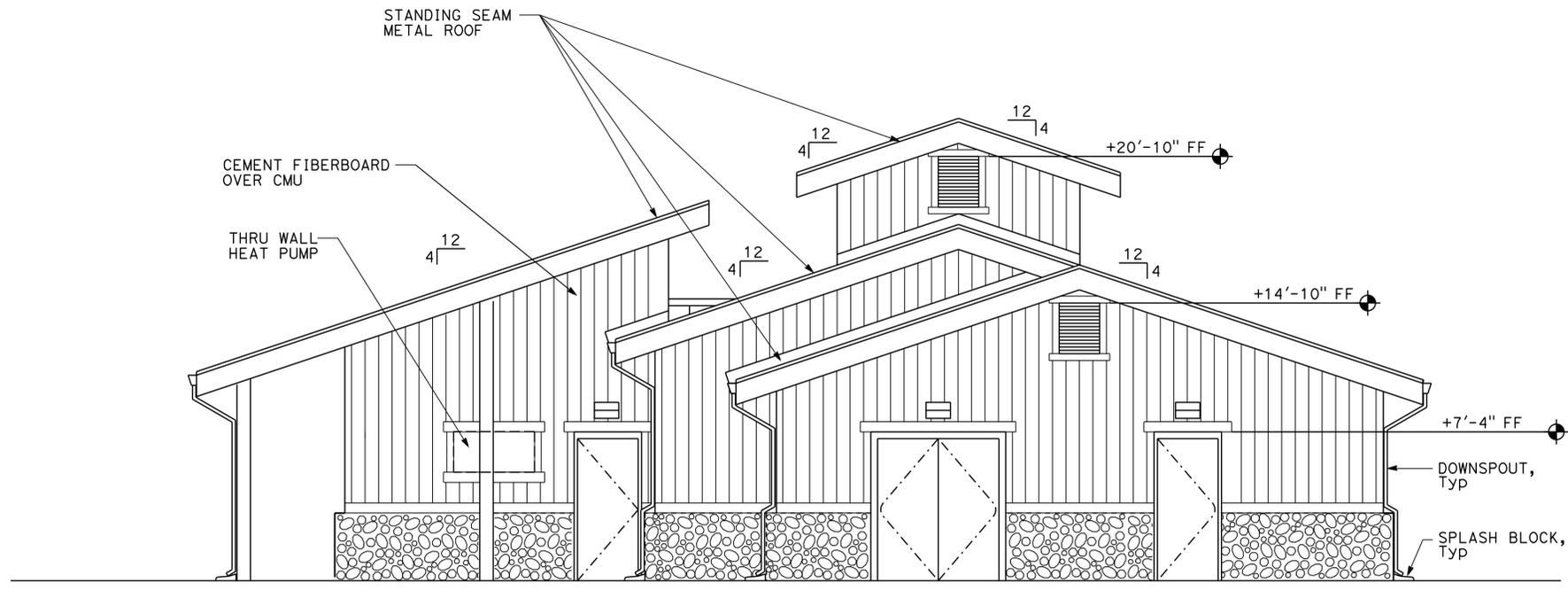
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	DETAILS BY	A. MANANSALA	CHECKED	DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE	3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	MEN'S BUILDING	EXTERIOR ELEVATIONS
	QUANTITIES BY		CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
										X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	102	199

A. Manansala 9-25-13
 LICENSED ARCHITECT DATE
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

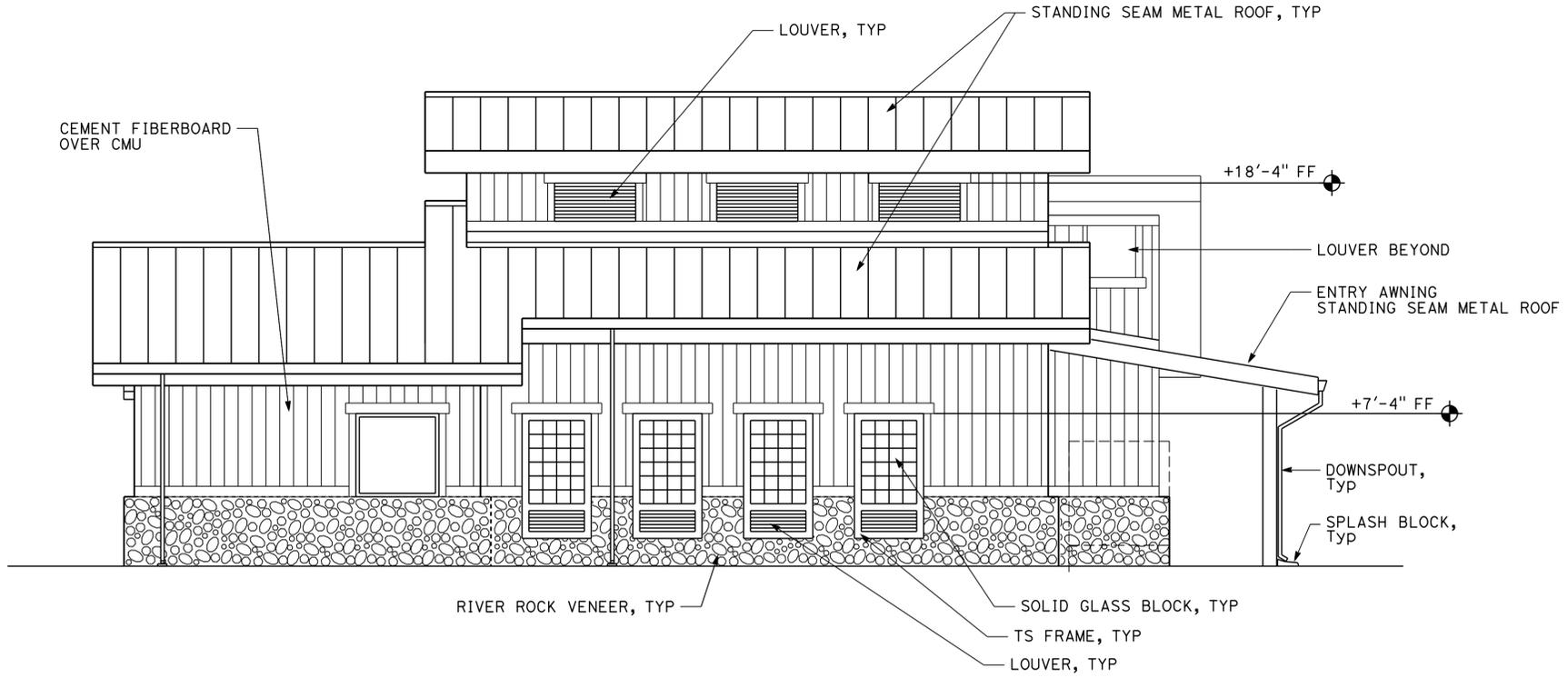
4-1-14
 PLANS APPROVAL DATE
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NORTH ELEVATION

SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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WEST ELEVATION

SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

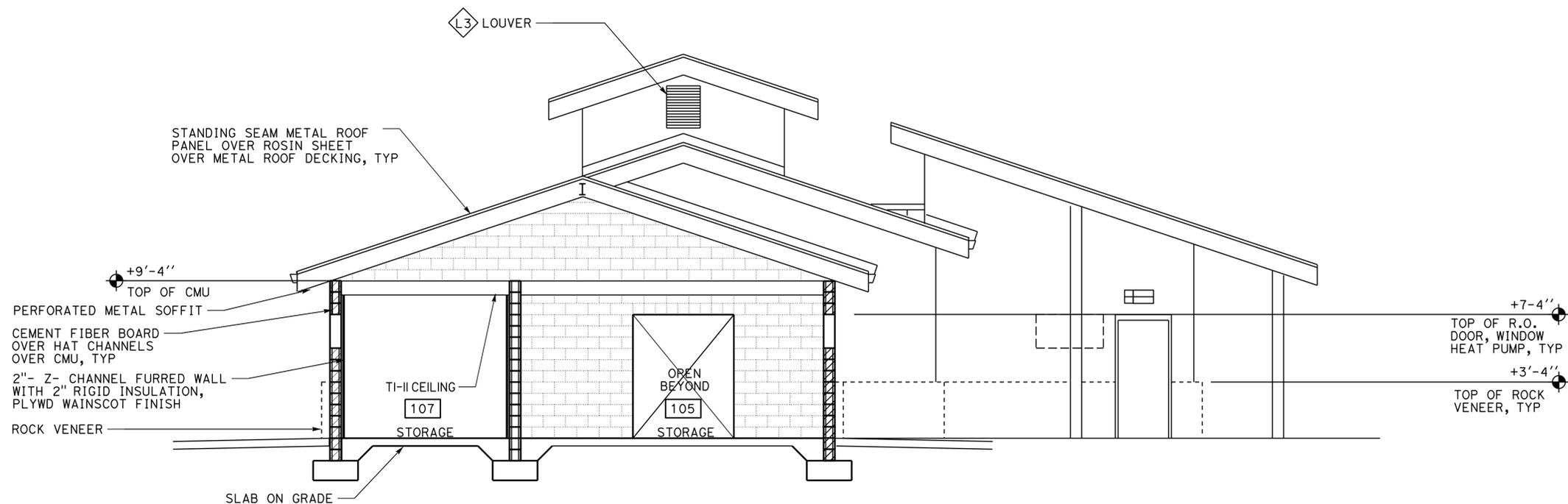
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	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9		
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3600 02000000301 EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET OF X X	12-MAY-2015 14:07 A1-11.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	103	199

LICENSED ARCHITECT
 ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

9-25-13
 DATE
 4-1-14
 PLANS APPROVAL DATE

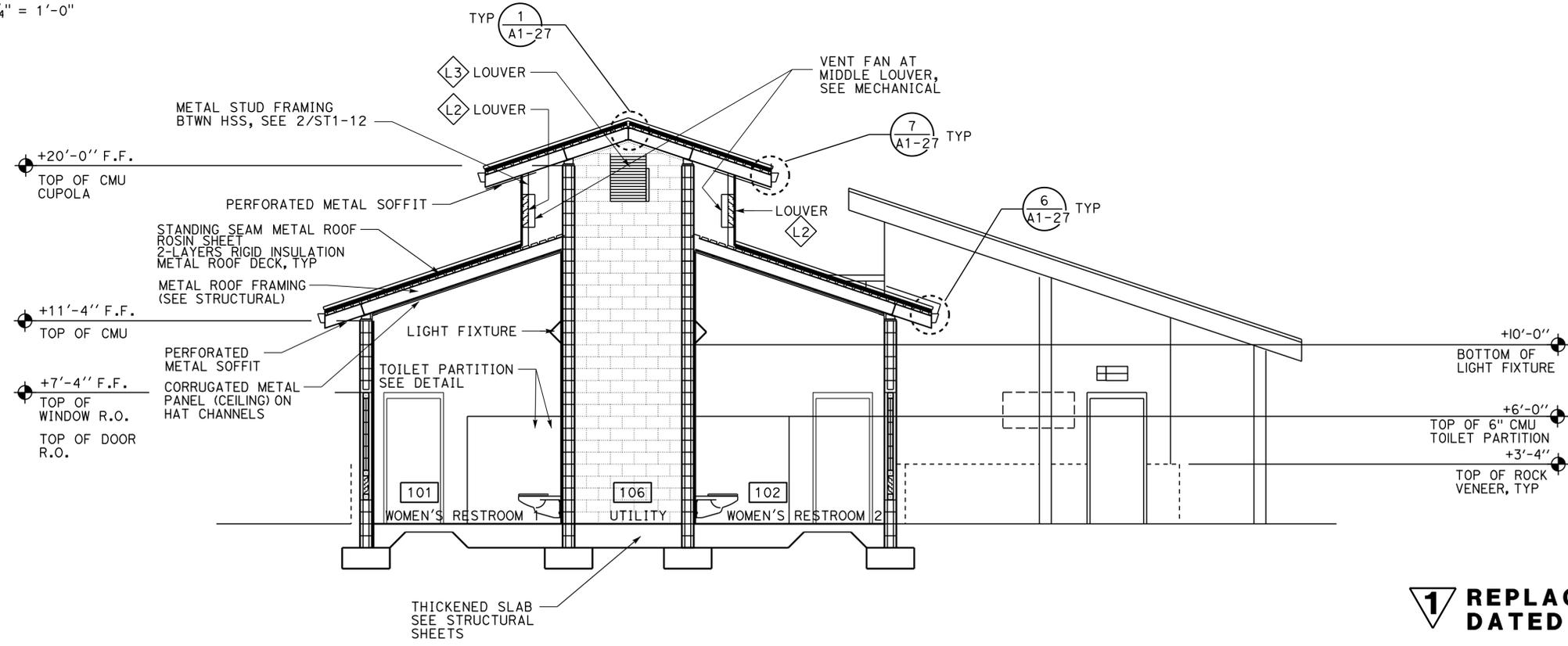
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



SECTION A

SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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SECTION B

SCALE 1/4" = 1'-0"

1 REPLACED PER ADDENDUM No. 1 DATED JANUARY 16, 2015

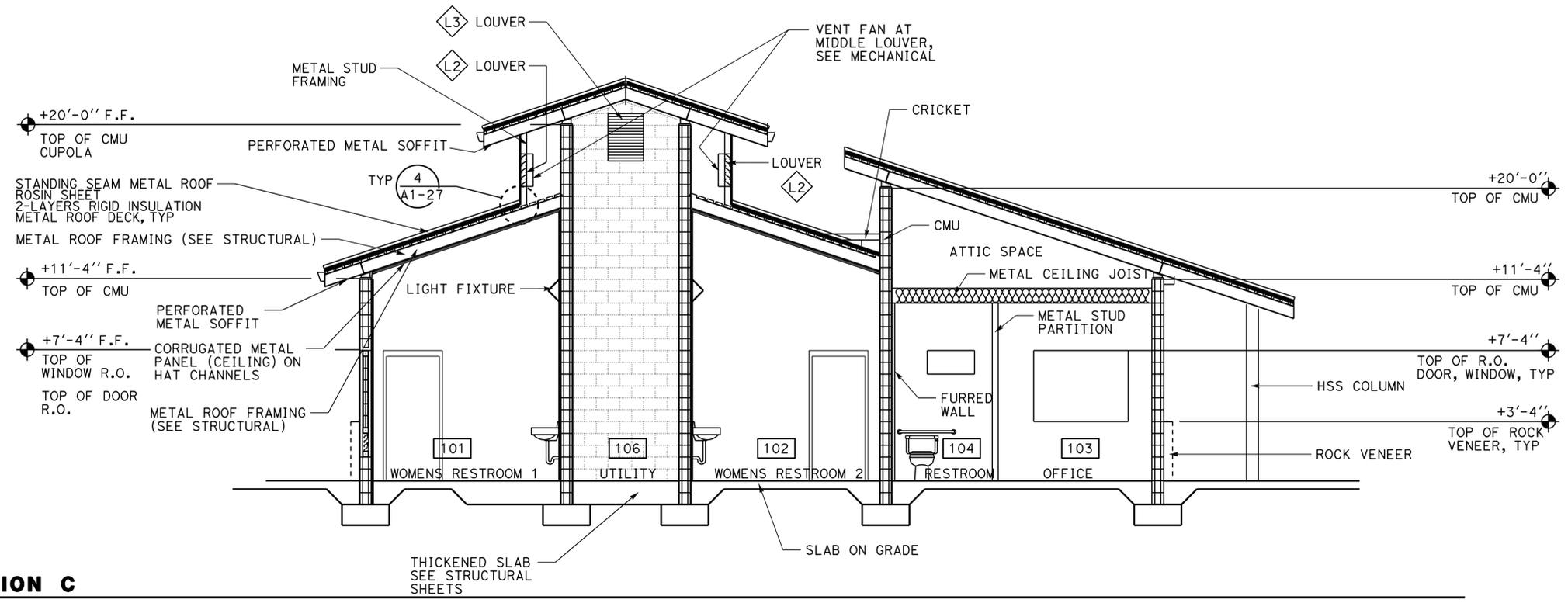
NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-12.add TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRA UPGRADE	SHEET OF A1-12
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9		
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	104	199

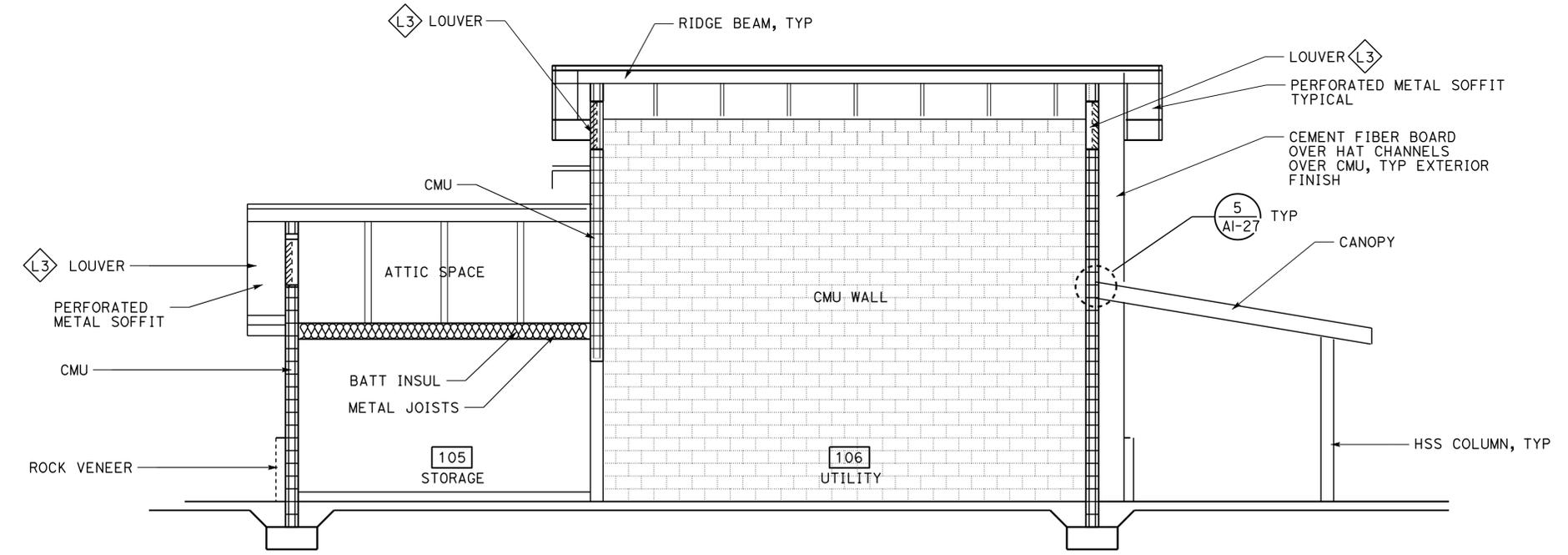
4-1-14
 PLANS APPROVAL DATE
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SECTION C
SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0200000030**
 Reviewed by: [Signature]
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: [Signature]
 FRANCIS SOLICH
 Approval date: 03-10-2015



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

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-13.add TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE WOMEN'S BUILDING SECTIONS	SHEET OF
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3				A1-13.add

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	105	199

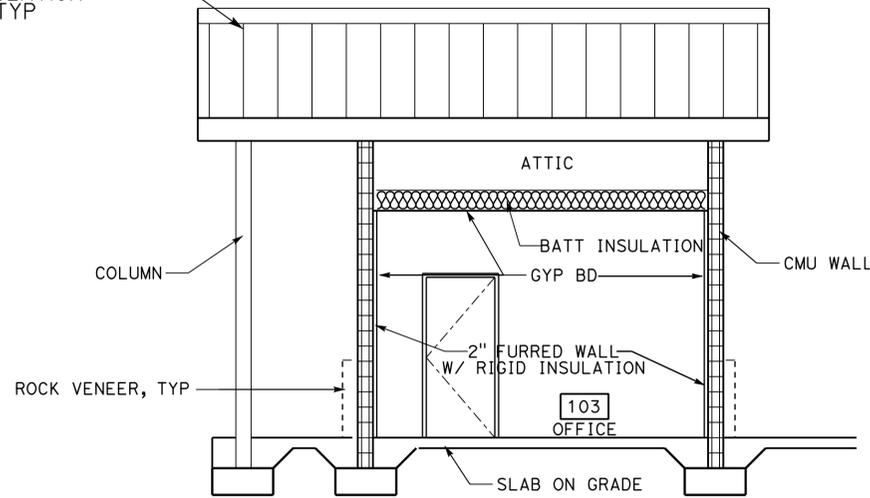
A. Manansala 9-25-13
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT ANTHONY MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE

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STANDING SEAM METAL ROOF
 ROSIN SHEET
 2-LAYERS RIGID INSULATION
 METAL ROOF DECK, TYP



ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA

PROJECT ID
0200000030

Reviewed by: *[Signature]*
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL
 APPROVED

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

Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 03-10-2015

SECTION E

SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-14.add TAEMWW Imperial Rev. 7/10	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRR A UPGRADE	SHEET A1-14	
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9			WOMEN'S BUILDING
12-MAY-2015 14:07	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3600 02000000301 EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES →	SECTION	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

12-MAY-2015 14:07

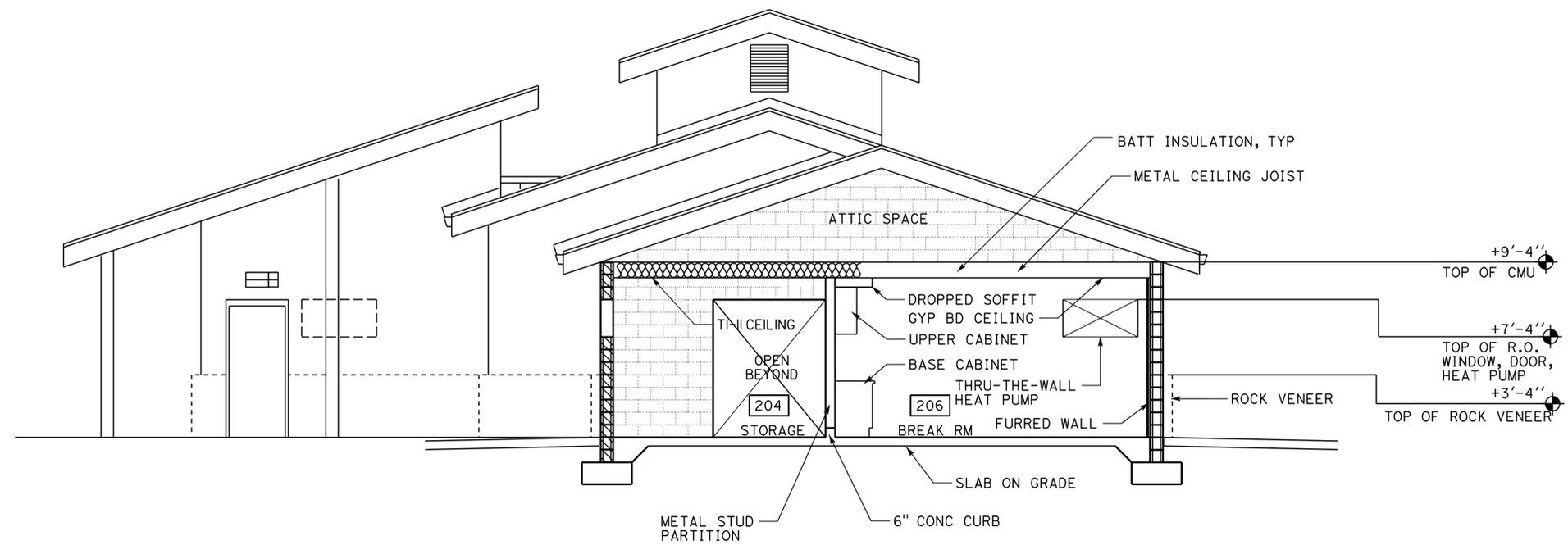
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	106	199

A. Manansala 9-25-13
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT
ANTHONY MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE

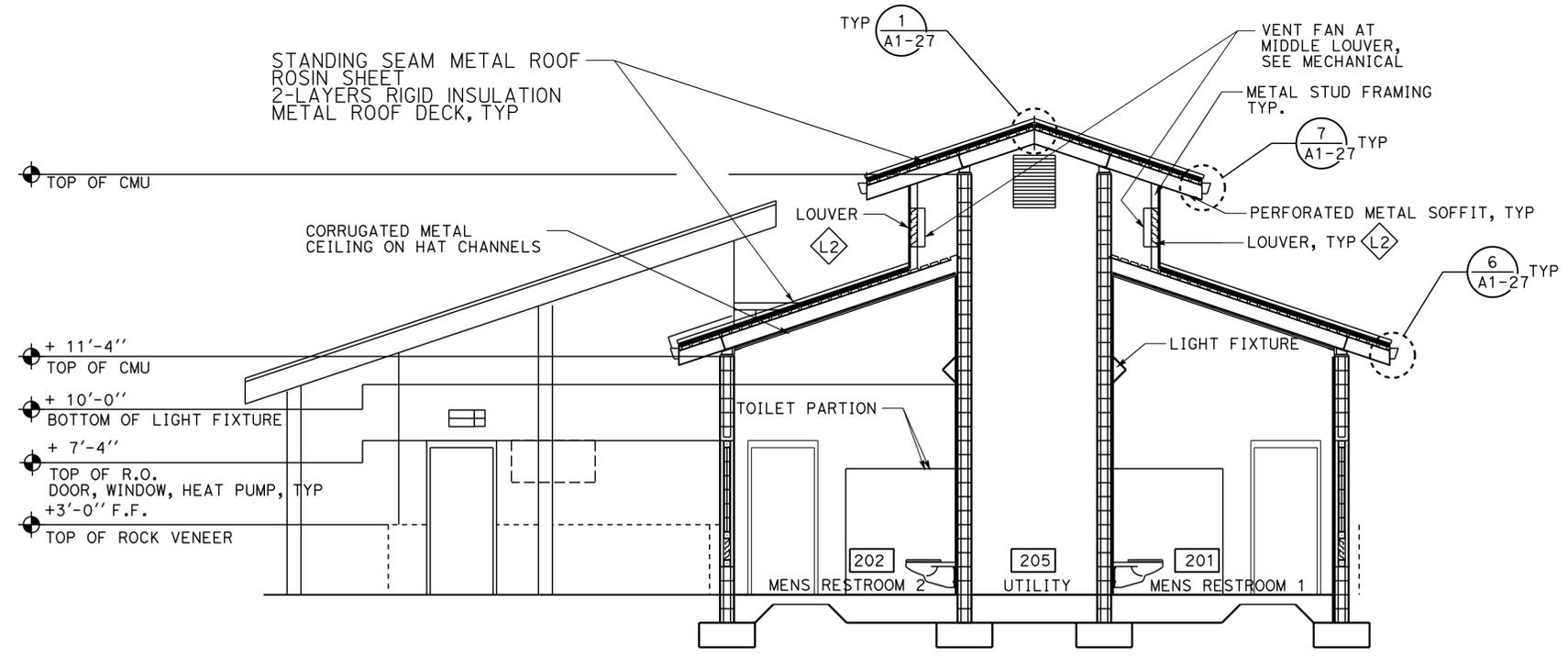
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



SECTION F

SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP	CALIFORNIA STATE FIRE MARSHAL APPROVED
DOT / DES / OTA PROJECT ID 0200000030	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 6/15/11	Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015



SECTION G

SCALE 1/4" = 1'-0"

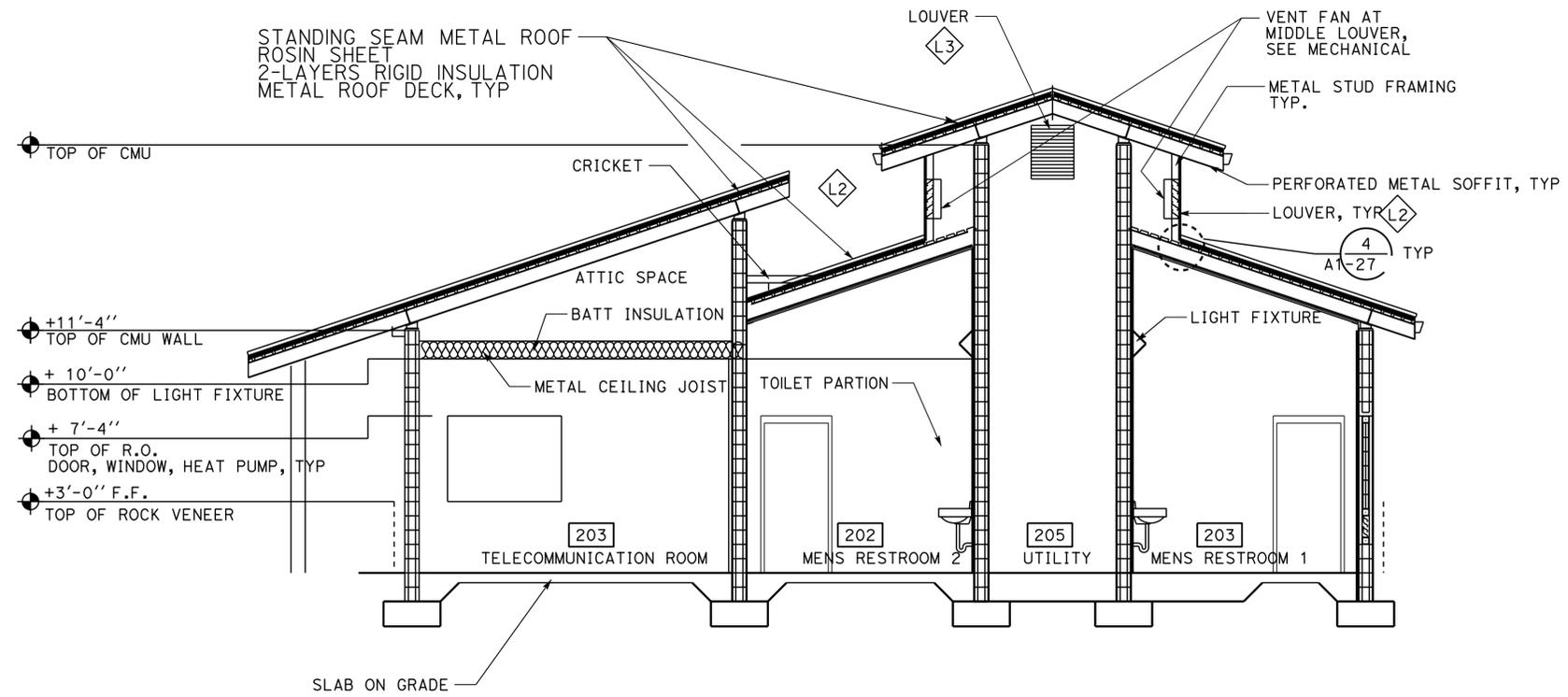
NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-15.add TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRR A UPGRADE	SHEET A1-15
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9		
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 3600 02000000301	EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	107	199

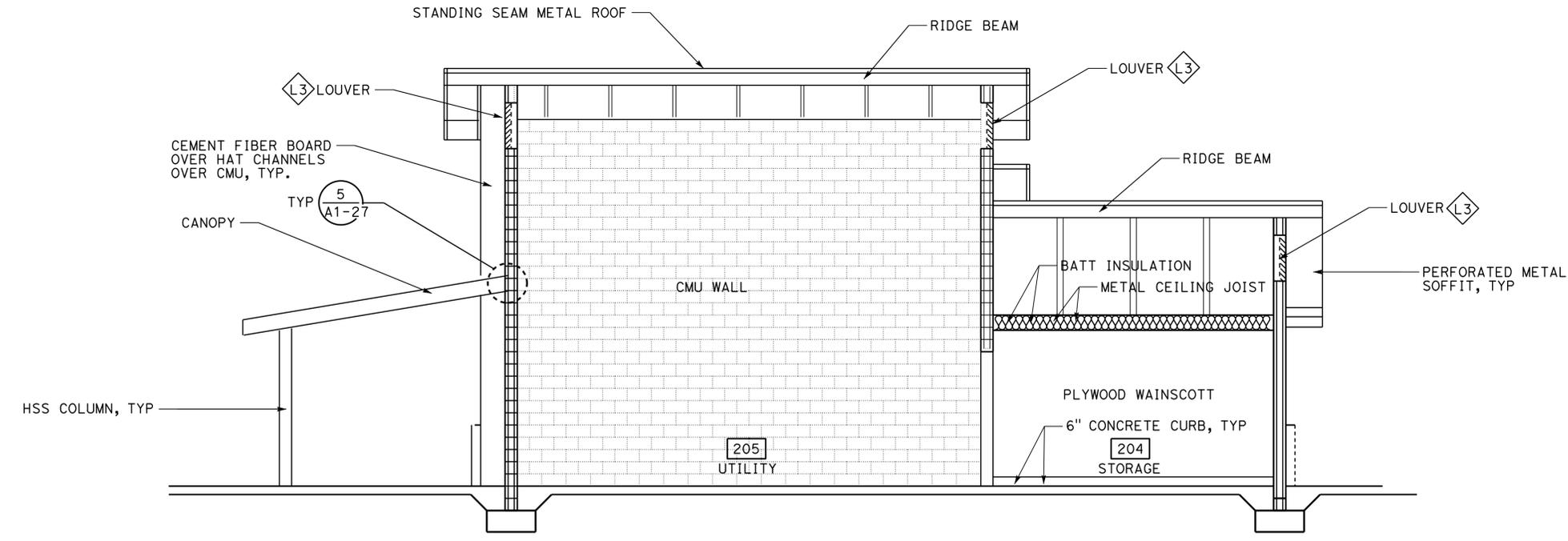
<i>A. Manansala</i> 9-25-13		
LICENSED ARCHITECT	DATE	
4-1-14		
PLANS APPROVAL DATE		
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.		



SECTION H

SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 020000030	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> Date: 6/15/11



SECTION I

SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-16.add TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY	A. MANANSALA	CHECKED	DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	08R00002L	CORNING SRR A UPGRADE MEN'S BUILDING SECTIONS	SHEET OF A1-16
	DETAILS BY	A. MANANSALA	CHECKED	DONALD E. ALSEY			POST MILE	16.9		
QUANTITIES BY		CHECKED		UNIT PROJECT NUMBER & PHASE			3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3										

12-MAY-2015 14:07

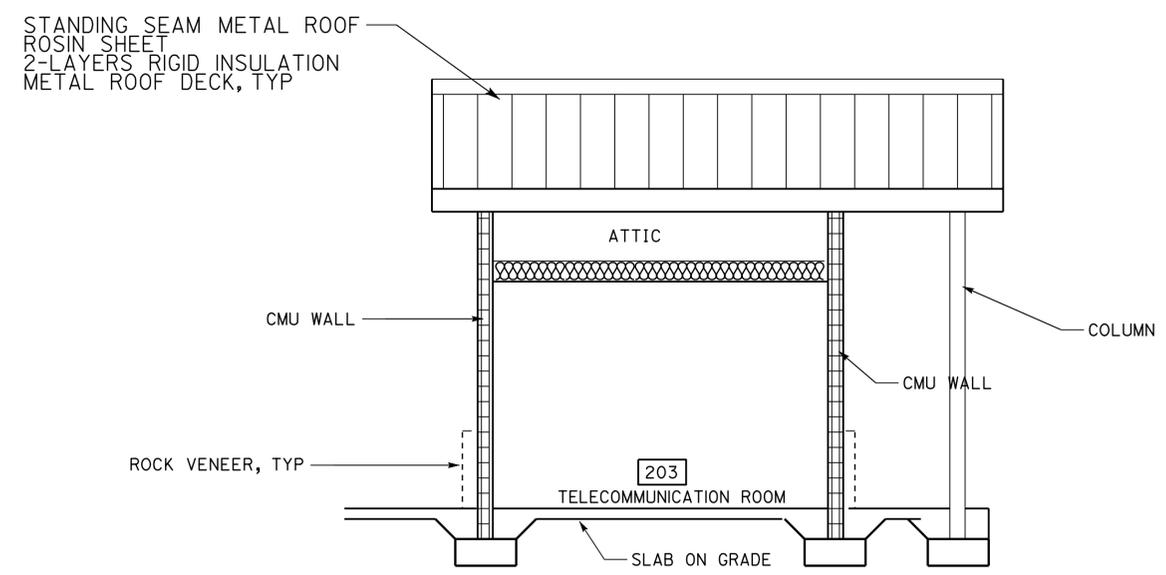
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	108	199

A. Manansala 9-25-13
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT ANTHONY MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE

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

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
020000030

Reviewed by: *[Signature]*
 Date: 6/15/11

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

Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 03-10-2015

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

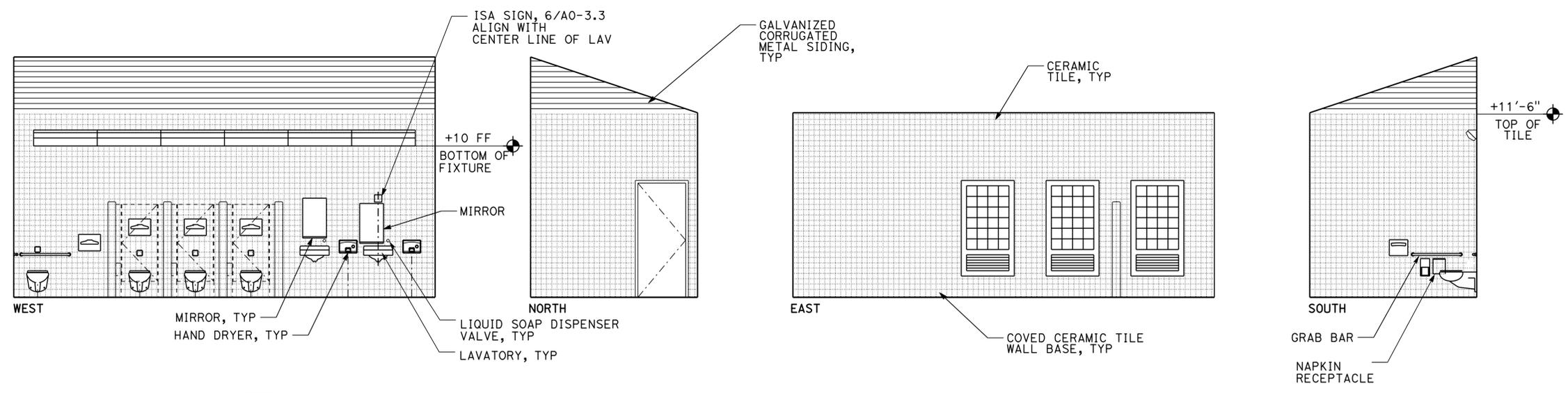
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	DETAILS BY	A. MANANSALA	CHECKED	DONALD E. ALSEY			08R00002L 08R00002R	MEN'S BUILDING		A1-17
QUANTITIES BY		CHECKED					POST MILE	SECTION		
12-MAY-2015 14:07	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	UNIT PROJECT NUMBER & PHASE	3600 0200000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
							- 07			X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	109	199

 LICENSED ARCHITECT DATE 9-25-13		
PLANS APPROVAL DATE 4-1-14		

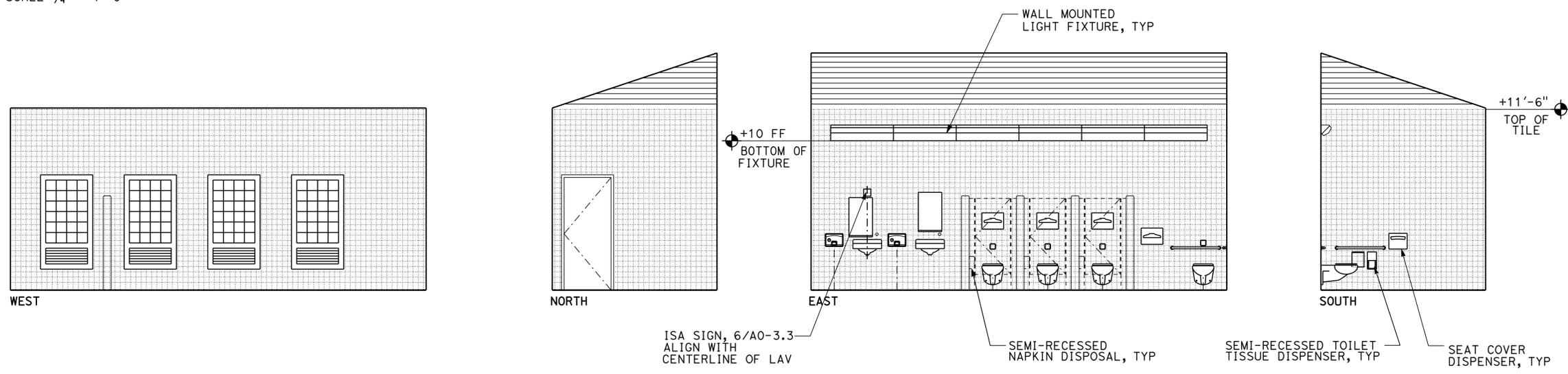
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by:  FRANCIS SOLICH Approval date: 03-10-2015
Reviewed by:  Date: 6/15/11	

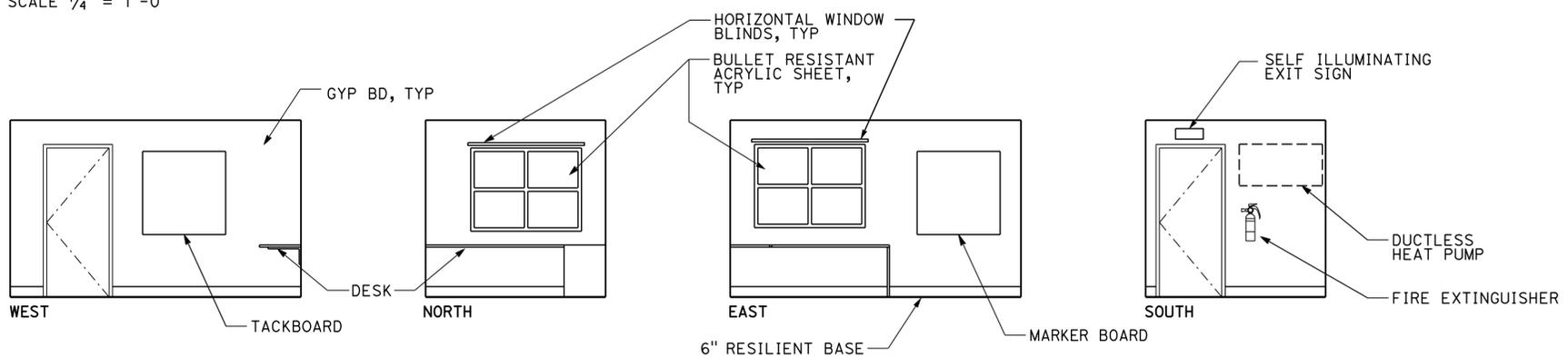
WOMEN RESTROOM 102

SCALE 1/4" = 1'-0"



WOMEN RESTROOM 101

SCALE 1/4" = 1'-0"



OFFICE 103

SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

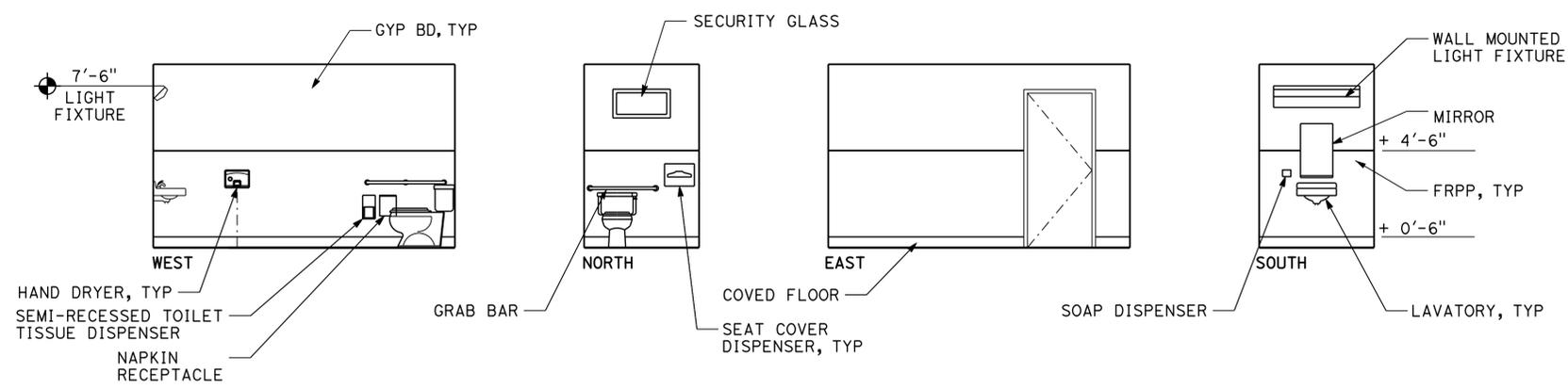
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	DETAILS BY A. MANANSALA CHECKED DONALD E. ALSEY		QUANTITIES BY CHECKED	UNIT PROJECT NUMBER & PHASE 3600 02000000301 EA 0E3601	WOMEN'S BUILDING	INTERIOR ELEVATIONS	

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	110	199

A. Manansala 9-25-13
 LICENSED ARCHITECT DATE
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

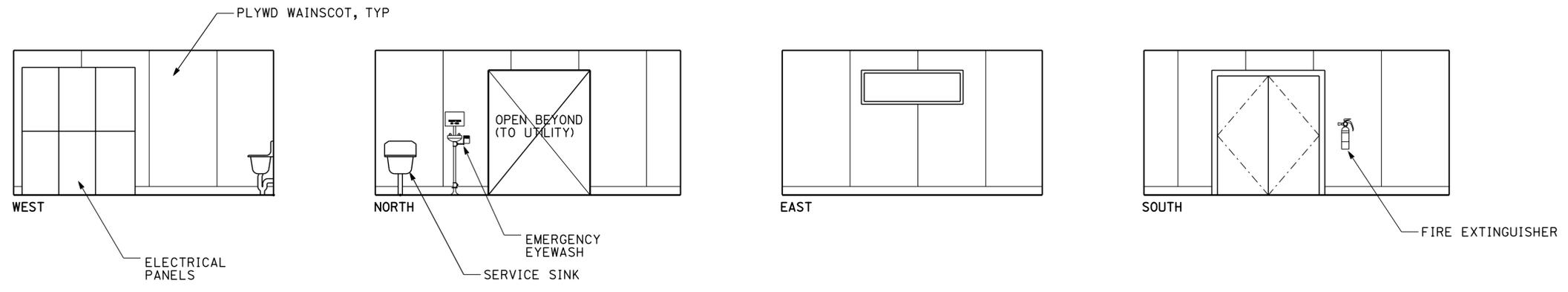
4-1-14
 PLANS APPROVAL DATE
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RESTROOM 104

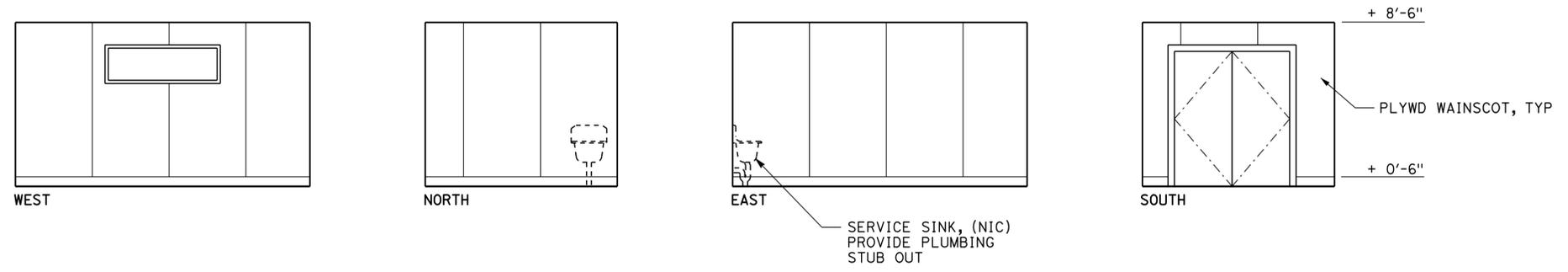
SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP	CALIFORNIA STATE FIRE MARSHAL APPROVED
DOT / DES / OTA PROJECT ID 0200000030	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 6/15/11	Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015



STORAGE 105

SCALE 1/4" = 1'-0"



STORAGE 107

SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

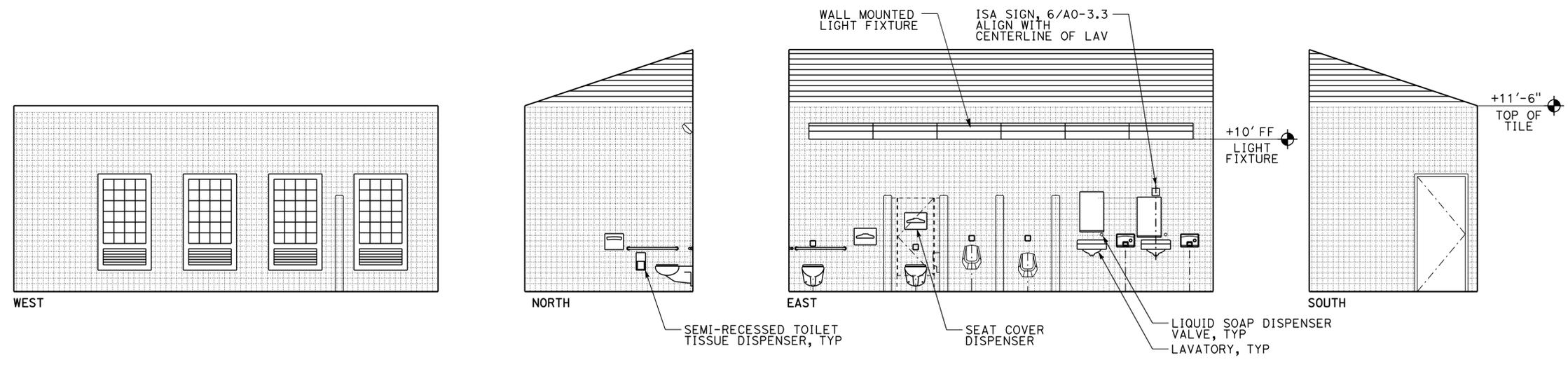
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	DETAILS BY A. MANANSALA CHECKED DONALD E. ALSEY		QUANTITIES BY CHECKED	PROJECT NUMBER & PHASE 3600 02000000301 EA 0E3601	WOMEN'S BUILDING INTERIOR ELEVATIONS	REVISION DATES (PRELIMINARY STAGE ONLY) - -07	

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	111	199

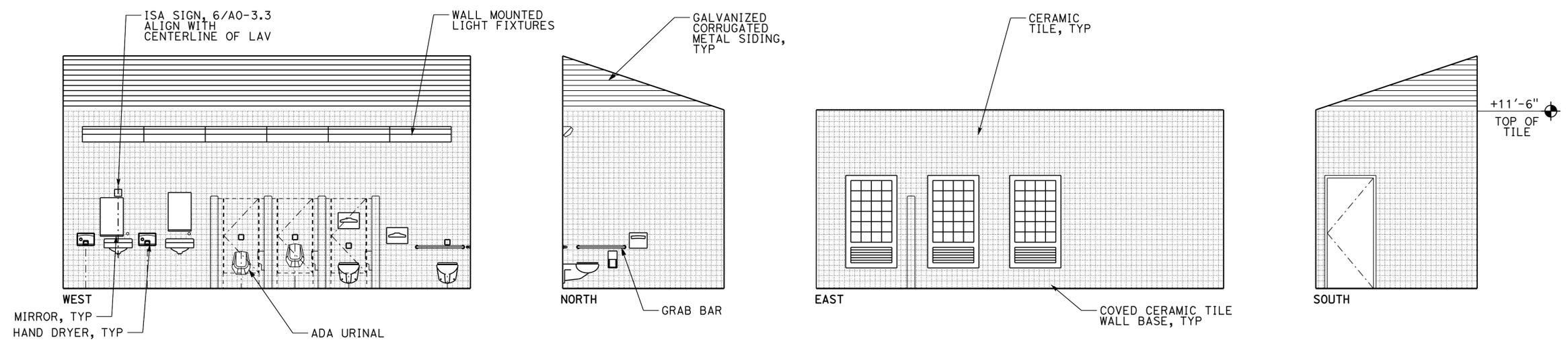
A. Manansala 9-25-13
 LICENSED ARCHITECT DATE
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE
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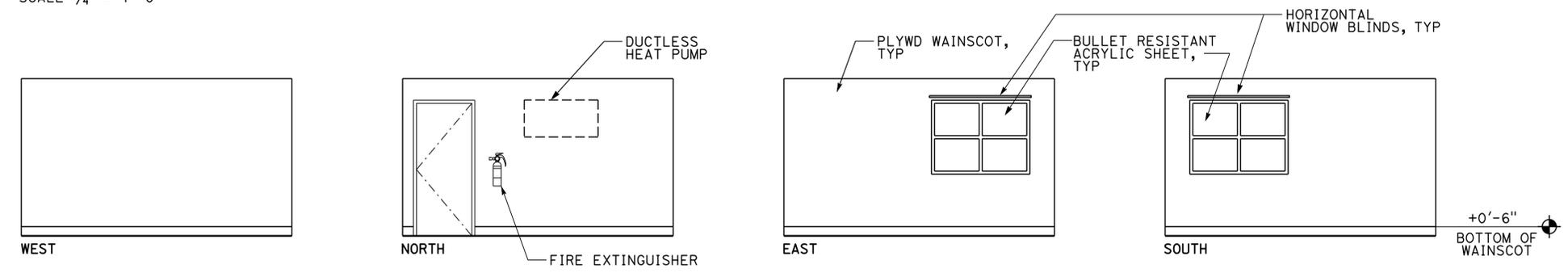


MEN RESTROOM 201
 SCALE 1/4" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP	CALIFORNIA STATE FIRE MARSHAL APPROVED
DOT / DES / OTA PROJECT ID 0200000030	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 6/15/11	Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015



MEN RESTROOM 202
 SCALE 1/4" = 1'-0"



TELECOM ROOM 203
 SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

a1-20.dgn TAEMWW ImperIdl Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ELSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRA UPGRADE	SHEET A1-20	
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ELSEY			POST MILE 16.9			MEN'S BUILDING
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF X X

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

EA 0E3601

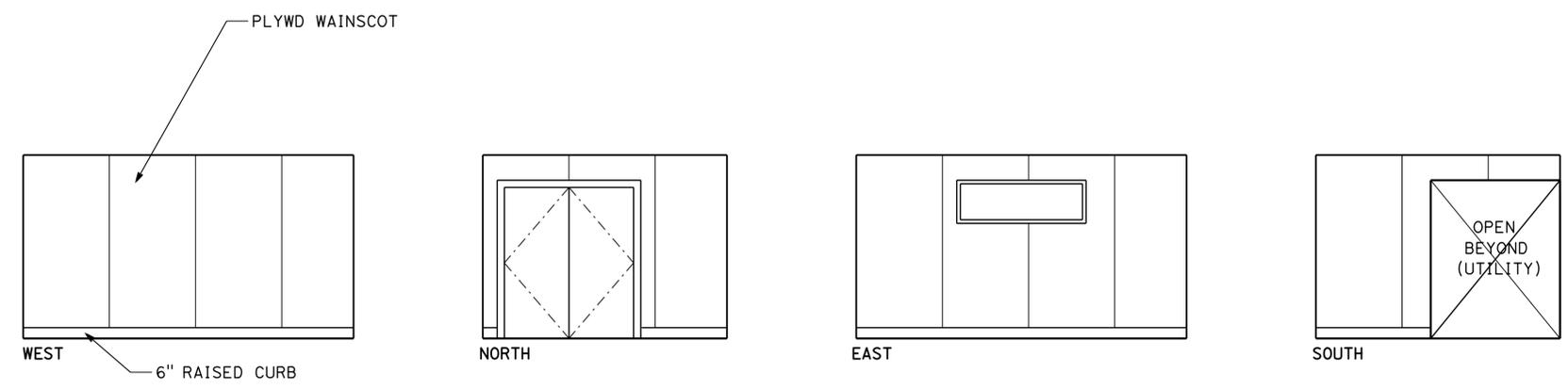
12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	112	199

LICENSED ARCHITECT
 ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

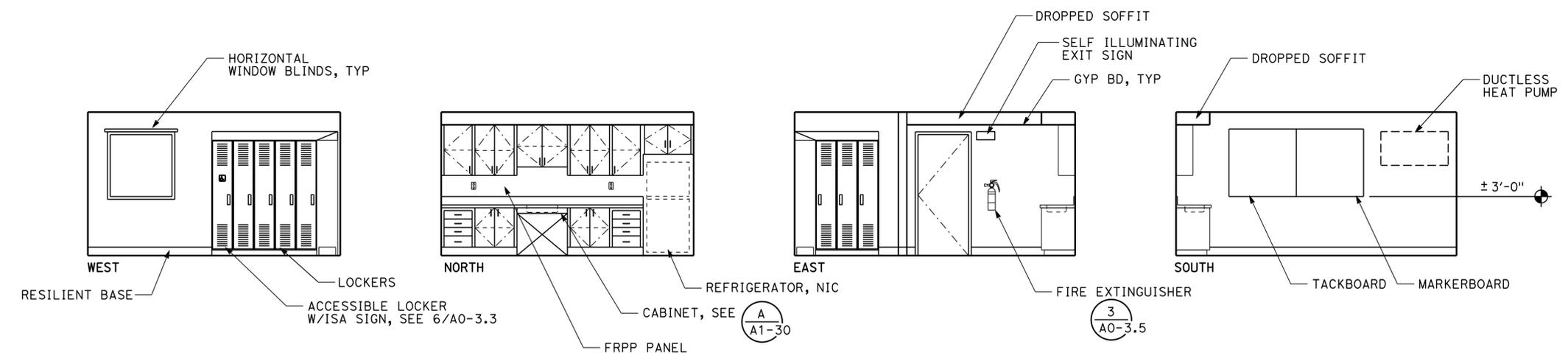
9-25-13
 DATE
 4-1-14
 PLANS APPROVAL DATE

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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA	CALIFORNIA STATE FIRE MARSHAL APPROVED
PROJECT ID 0200000030	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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STORAGE 204
SCALE 1/4" = 1'-0"



BREAK ROOM 206
SCALE 1/4" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

a1-21.dgn TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRR A UPGRADE		SHEET OF A1-21
	DETAILS BY A. MANANSALA CHECKED DONALD E. ALSEY			MEN'S BUILDING	INTERIOR ELEVATIONS		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT PROJECT NUMBER & PHASE 3600 02000000301 EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES → - -07		REVISION DATES (PRELIMINARY STAGE ONLY) SHEET OF X X	

12-MAY-2015 14:07

INTERIOR FINISH SCHEDULE

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	113	199

 9-25-13
 LICENSED ARCHITECT DATE



4-1-14
 PLANS APPROVAL DATE

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ROOM NAME	FLOOR				BASE		WALLS																CEILING		MISC			APPROXIMATE CEILING HEIGHT		
	TILE	CONCRETE	VCT	VINYL SHEET FLOORING	RESILIENT BASE, 6" HIGH	COVERED TILE BASE	NORTH				EAST				SOUTH				WEST				CORRUGATED METAL SIDING	GYPSUM BOARD	T1-11	STEEL COLUMNS	STEEL MEMBERS		ALL PMF; ALL DOORS	CMU EXPOSED EXTERIOR
							GYPSUM BOARD	PLYWOOD WAINSCOT	TILE	CORRUGATED METAL SIDING	FRPP	CMU	GYPSUM BOARD	PLYWOOD WAINSCOT	TILE	CORRUGATED METAL SIDING	FRPP	CMU	GYPSUM BOARD	PLYWOOD WAINSCOT	TILE	CORRUGATED METAL SIDING								
101 WOMEN'S RESTROOM	7				7		7	2					7	2				7	2				2				2	4	VARIES	
102 WOMEN'S RESTROOM	7				7		7	2					7	2				7	2				2				2	4	VARIES	
103 OFFICE			6		7		2				2					2							2			2	2	4	10'-0"	
104 REST ROOMS			6	7		2			1	2			1		2						1		2			2	2	4	10'-0"	
105 STORAGE		5					1				1		1		1							2		1		1		4	8'-2"	
106 UTILITY		5					1				1		1		1							2		1			2	4	VARIES	
107 STORAGE		5					1		1		1		1		1						1		1		1		2	4	8'-2"	
201 MEN'S RESTROOM	7				7		7	2					7	2								2					2	4	VARIES	
202 MEN'S RESTROOM	7				7		7	2					7	2								2					2	4	VARIES	
203 TELECOM		5					1		1		1		1		1						1		2			2	2	4	10'-0"	
204 STORAGE		5					1		1		1		1		1						1		1		1		2	4	8'-2"	
205 UTILITY ROOM		5			7	2				2					2							2		2			2	4	VARIES	
206 BREAK ROOM			6				1				1				1											2	2	4	8'-2"	

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0200000030

Reviewed by: 
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL APPROVED
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Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015

FINISH KEY

- FINISHES
- No job finish
 - Paint semi-gloss enamel
 - Not used
 - Clear water repellent coating
 - Conc hardner
 - Clean and wax
 - Clean and polish

COLOR SCHEDULE

INTERIOR COLOR SCHEDULE

- ROOM 101
INTERIOR WALL TILE, 8" x 8"
FEDERAL STANDARD COLOR 14277
- ROOM 102
INTERIOR WALL TILE, 8" x 8"
FEDERAL STANDARD COLOR 17773
- ROOM 201
INTERIOR WALL TILE, 8" x 8"
FEDERAL STANDARD COLOR 31433
- ROOM 202
INTERIOR WALL TILE, 8" x 8"
FEDERAL STANDARD COLOR 35240
- ROOM 101, 102, 201, 202
INTERIOR FLOOR TILE, 8" x 8"
FEDERAL STANDARD COLOR 30140
- ROOM 101, 102, 201, 202
INTERIOR FLOOR COVERED BASE, 8" x 8"
FEDERAL STANDARD COLOR 30140
- HMC DOORS AND PMF
FEDERAL COLOR 3772, LIGHT BEIGE-SAND
- ROOM 101, 102, 201, 202
CORRUGATED METAL SIDING, METAL SOFFIT
FEDERAL COLOR 3772, LIGHT BEIGE SAND
- ROOM 101, 102, 201, 202
METAL LOUVERS
FEDERAL COLOR 3772, LIGHT BEIGE SAND
- ROOM 101, 102, 201, 202
BAKED ENAMEL TOILET PARTITION DOOR
COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD PALETTE

- ROOM 103, 104, 206
GYP BD CEILING AND INTERIOR WALL PAINT,
FEDERAL STANDARD COLOR 33717
- ROOM 103, 206
6" FLOOR BASE,
FEDERAL STANDARD COLOR 35109
- ROOM 103, 206
VCT FLOOR TILE,
FEDERAL STANDARD COLOR 25189
- ROOM 104
VINYL SHEET FLOORING,
FEDERAL STANDARD COLOR 26493
- ROOM 206
LAMINATE, BASE CABINET,
FEDERAL STANDARD COLOR 15095
- ROOM 206
LAMINATE, OHD CABINET
FEDERAL STANDARD CABINET 33693
- ROOM 103
LAMINATE, COUNTERTOP/ WORK STATION
FEDERAL STANDARD COLOR 26118
- ROOM 206
LOCKER, COLOR TO BE PICKED FROM
MANUFACTURER'S STANDARD PALETTE
- ROOM 104, 206
FRPP, COLOR TO BE PICKED FROM
MANUFACTURER'S STANDARD PALETTE

EXTERIOR COLOR SCHEDULE

- CMU - SPLIT FACE
GREY
- CMU - PRECISION FACE
GREY
- METAL COLUMNS, FACIA, GUTTERS, DOWNSPOUTS
FEDERAL COLOR 30099, DARK BROWN
- CORRUGATED METAL SIDING, METAL SOFFIT
FEDERAL COLOR 3772, LIGHT BEIGE SAND
- STANDING SEAM METAL ROOF
FEDERAL COLOR 35189, DARK TURQUOIS BLUE
- METAL PRIVACY SCREENS
FEDERAL COLOR 35189 DARK TURQUOIS BLUE
- PRE-MANUFACTURED DISPLAY, METAL COLUMNS
FEDERAL COLOR 30099, DARK BROWN
- PRE-MANUFACTURED DISPLAY
STANDING SEAM METAL ROOF
FEDERAL COLOR 35189, DARK TURQUOIS BLUE
- PRE-MANUFACTURED PICNIC CANOPY, METAL COLUMNS
FEDERAL COLOR 30099, DARK BROWN
- PRE-MANUFACTURED PICNIC CANOPY
STANDING SEAM METAL ROOF
FEDERAL COLOR 35189, DARK TURQUOIS BLUE
- FIBER CEMENT SIDING
FEDERAL COLOR 11630, BEIGE

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-22.dgn TAEMWW ImperIal Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRR A UPGRADE	SHEET OF A1-22
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

12-MAY-2015 14:07

DOOR FRAME AND DOOR SCHEDULE

DOOR NO D	DOOR TYPE	OPENING SIZE WIDTH X HGT	DOOR THICK.	DOOR		FRAME			LABEL ASSY	HDWR GROUP	GLAZING	LOUVER	SIGN DETAIL NO	DETAILS			REMARKS
				MAT	FIN	MAT	TYPE	FIN						WIDTH	HEAD	JAMB	
1	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		1		3B, 4B, 5 A0-3.3	7 A1-25	8 A1-25	9 A1-25	
2	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	2	PAINT	6 3/4"		1		3B, 4B, 5 A0-3.3	7 A1-25	8 A1-25	9 A1-25	
3	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	2	PAINT	6 3/4"		1		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "OFFICE"
4	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		2		3A, 4A, 5 A0-3.3	1 A1-26	2 A1-26	3 A1-26	
5	B	6'-8"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		3		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "UTILITY"
6	B	6'-8"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		3		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "STORAGE"
7	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		1		3C, 4C, 5 A0-3.3	7 A1-25	8 A1-25	9 A1-25	
8	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		1		3C, 4C, 5 A0-3.3	7 A1-25	8 A1-25	9 A1-25	
9	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		1		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "TELECOM ROOM"
10	A	3'-0"x7'-0"	1 3/4"	METAL	PAINT	METAL	1	PAINT	6 3/4"		1		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "BREAK ROOM"
11	B	6'-8"x7'-0"	1 3/4"	METAL	PAINT	METAL	3	PAINT	6 3/4"		3		1, 5, 6 A0-3.3	4 A1-25	5 A1-25	6 A1-25	ROOM ID SIGN: "UTILITY"

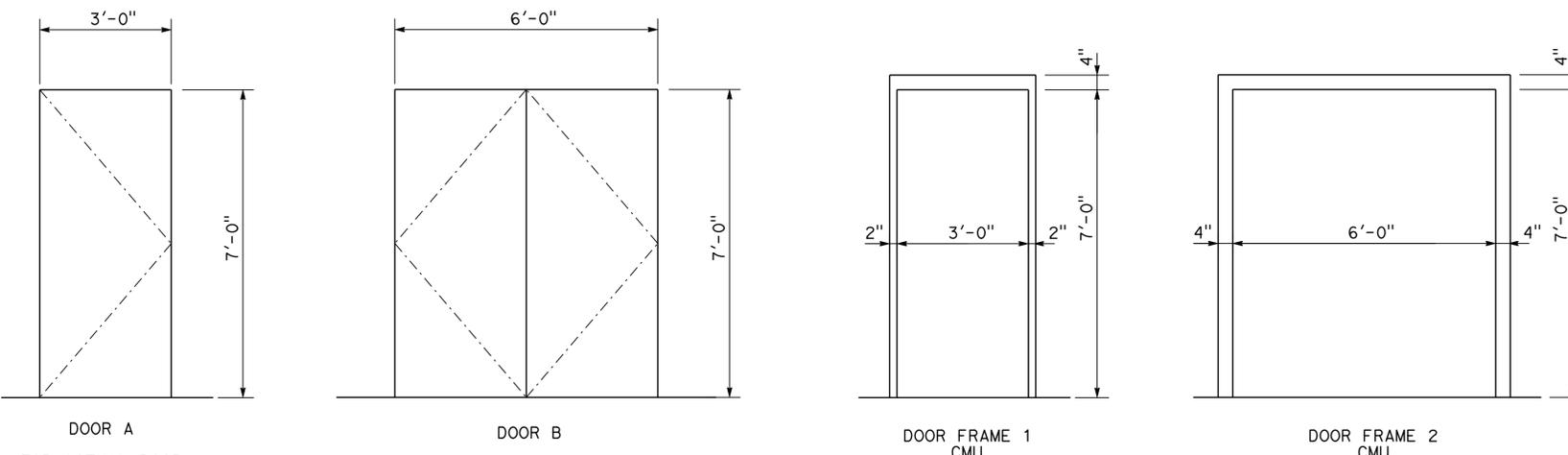
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	114	199



 9-25-13 DATE
 4-1-14 PLANS APPROVAL DATE
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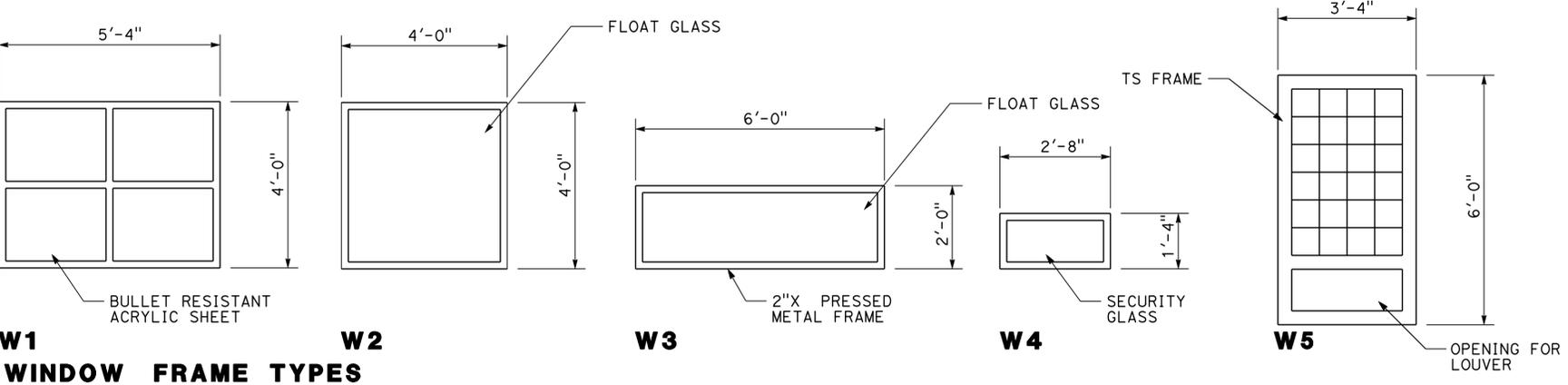
ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0200000030
 Reviewed by: 
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 FRANCIS SOLICH
 Approval date: 03-10-2015



DOOR AND FRAME TYPES

SCALE 1/2" = 1'-0"

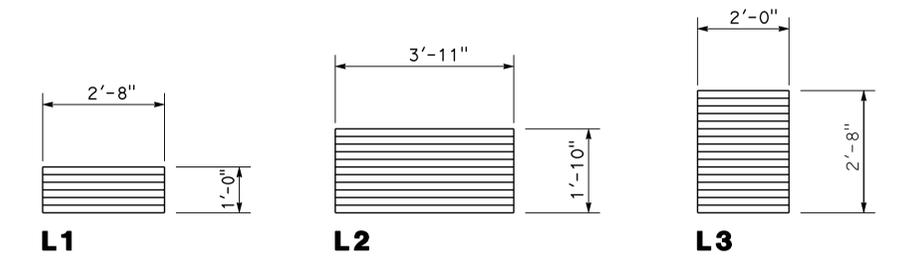


WINDOW FRAME TYPES

SCALE 1/2" = 1'-0"

WINDOW SCHEDULE

TYPE	OPENING SIZE WIDTH X HGT	FRAME		DETAILS			COMMENTS
		MAT	FIN	HEAD	JAM	SILL	
W1	5'-4" x 4'-0"	PM	PAINT	1 AI-29	2 AI-29	3 AI-29	BULLET RESISTANT
W2	4'-0" x 4'-0"	PM	PAINT	4 AI-29	5 AI-29	6 AI-29	
W3	6'-0" x 2'-0"	PM	PAINT	4 AI-29	5 AI-29	6 AI-29	
W4	2'-8" x 1'-4"	PM	PAINT	4 AI-29	5 AI-29	6 AI-29	SECURITY
W5	3'-4" x 6'-0"	TS	PAINT	5 AI-26	6 AI-26	7 AI-26	



LOUVER TYPES

SCALE 1/2" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

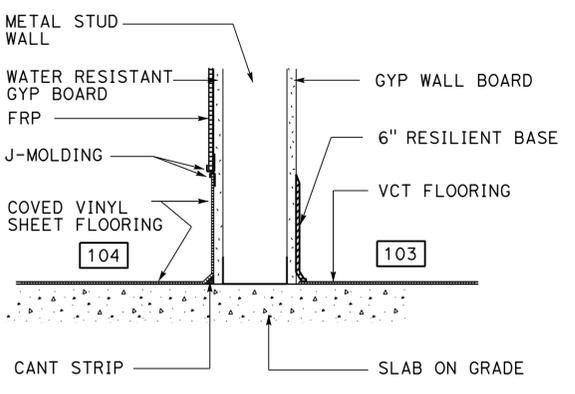
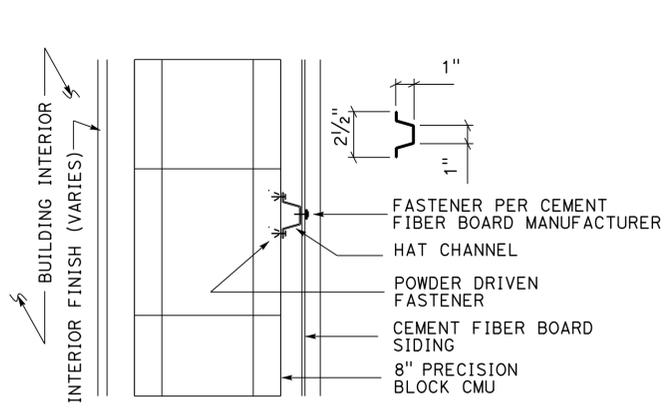
a1-23.dgn TAEMWW ImperIal Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRA UPGRADE	SHEET A1-23
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY			POST MILE 16.9		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
				REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF X X

12-MAY-2015 14:07

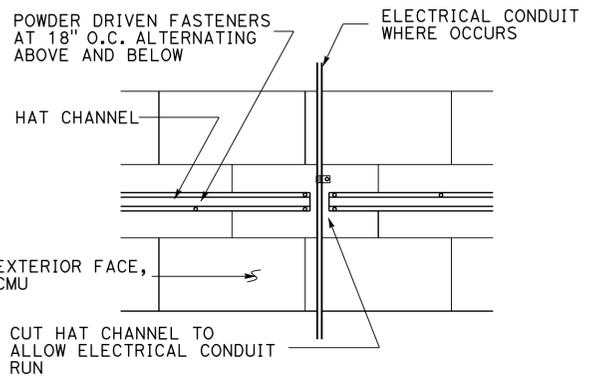
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	115	199

9-25-13
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ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

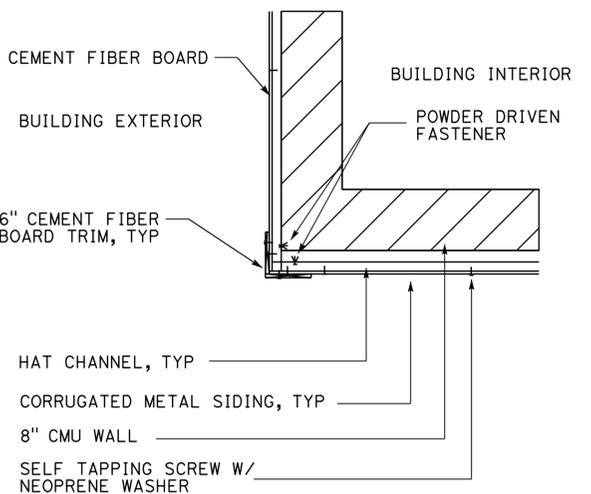
4-1-14
 PLANS APPROVAL DATE
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1 NOT USED
SCALE 1 : 10

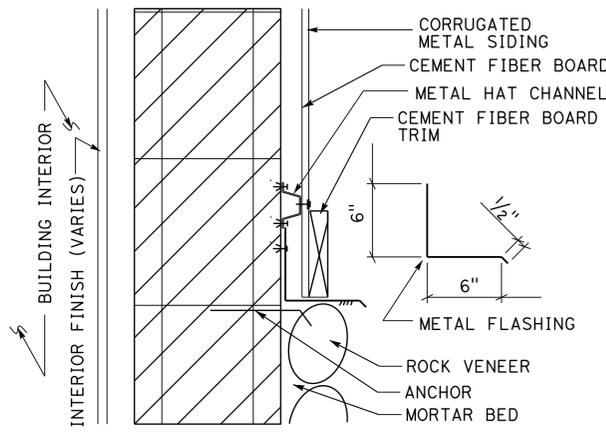


2 ELECTRICAL CONDUIT AT HAT CHANNELS AT EXTERIOR WALL
SCALE 1 : 10

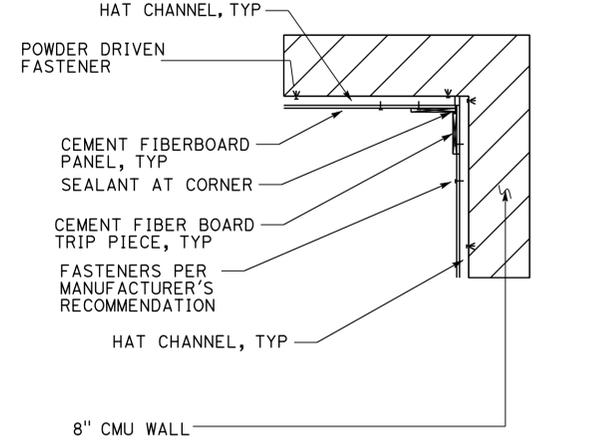


3 CEMENT FIBER BOARD AT OUTSIDE CORNERS, TYP
SCALE 3\"/>

4 HAT CHANNEL TO CMU WALL
SCALE 3\"/>

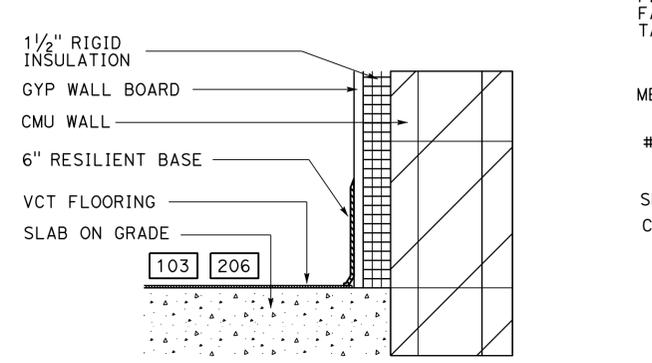


5 CEMENT FIBERBOARD AND ROCK VENEER AT EXTERIOR
SCALE 3\"/>

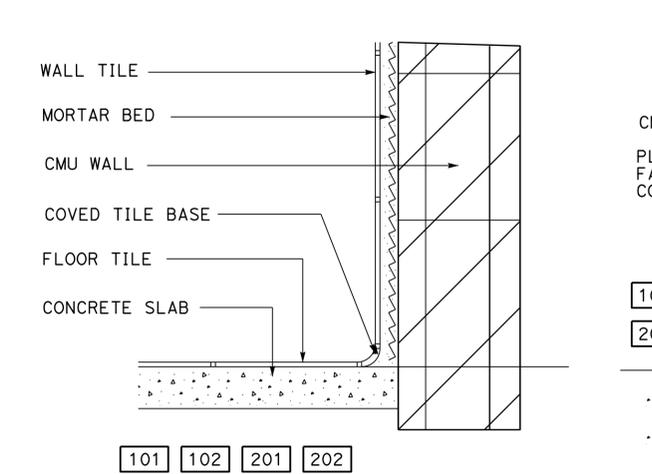


6 CEMENT FIBER BOARD AT INSIDE CORNERS, TYP
SCALE 3\"/>

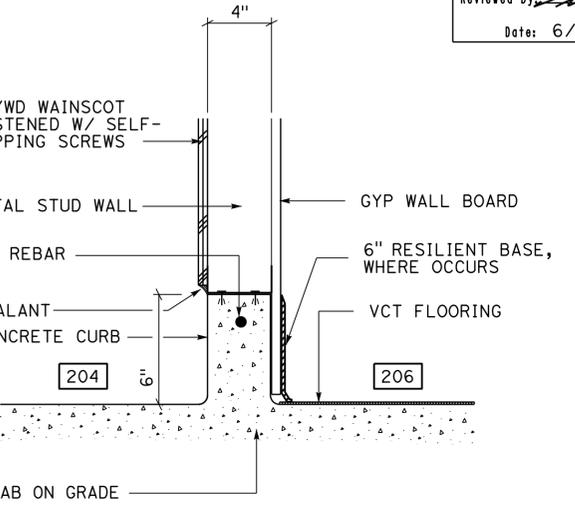
7 FLOOR BASE, INTERIOR PARTITION
SCALE 3\"/>



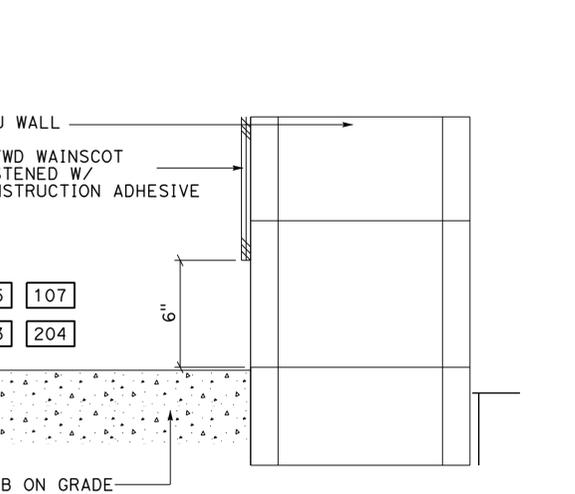
8 FLOOR BASE AT CMU WALLS
SCALE 2\"/>



9 COVED TILE BASE AT COMFORT ROOMS
SCALE 2\"/>



10 WAINSCOT AT METAL STUD WALL AND CURB
SCALE 3\"/>



11 WAINSCOT AT CMU WALL
SCALE 2\"/>

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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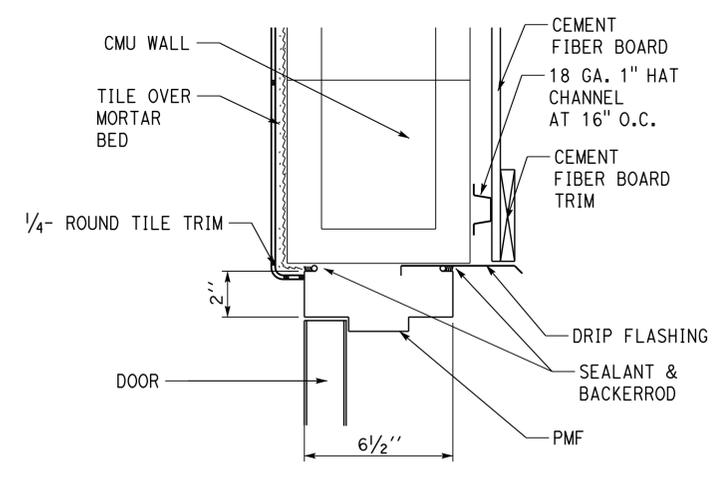
A1-24.dgn TAEMWW Imper1al Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE NORTHBOUND & SOUTHBOUND DETAILS	SHEET OF A1-24
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)

12-MAY-2015 14:07

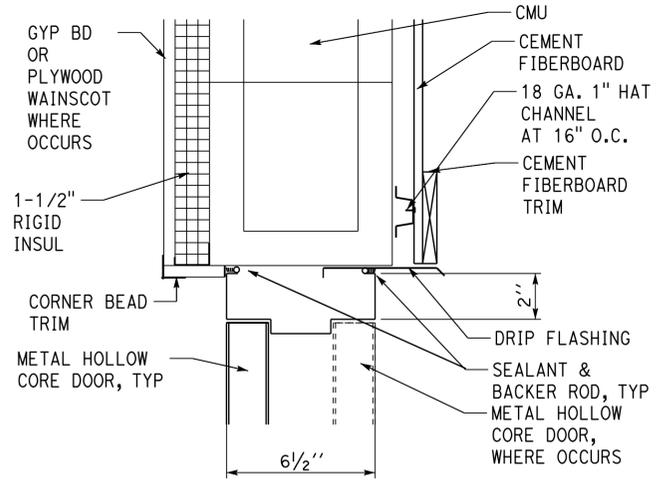
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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9-25-13
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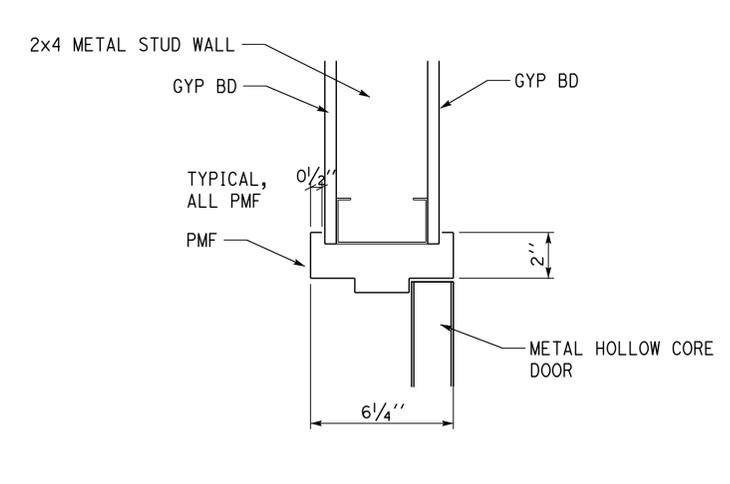
4-1-14
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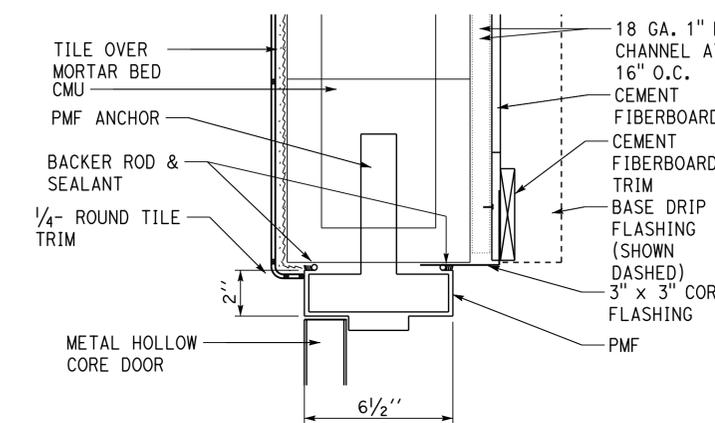
1 DOOR HEADER
 SCALE 3" = 1'-0"



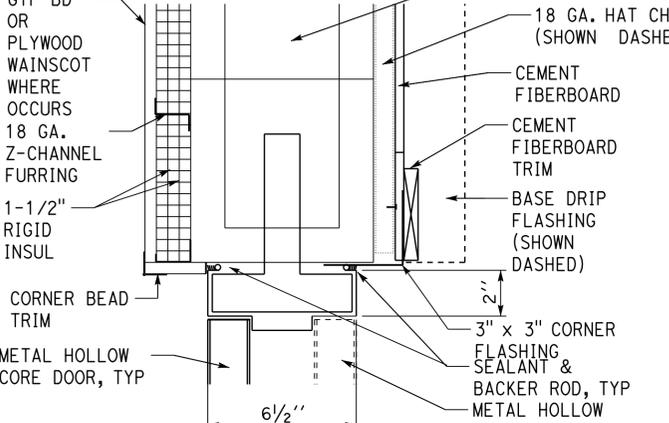
4 DOOR HEADER
 SCALE 3" = 1'-0"



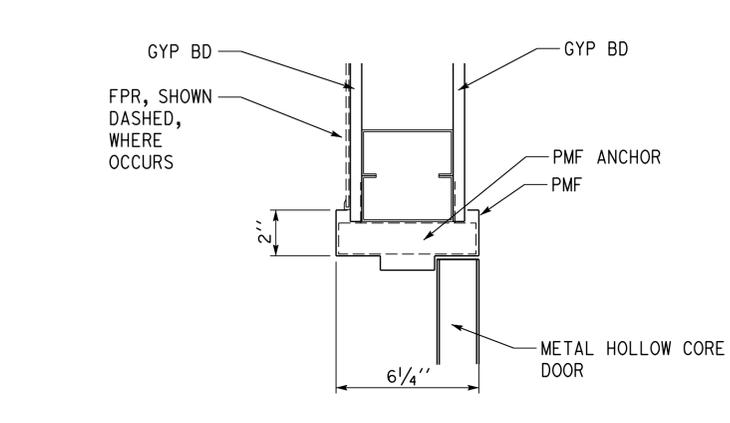
7 DOOR HEADER
 SCALE 3" = 1'-0"



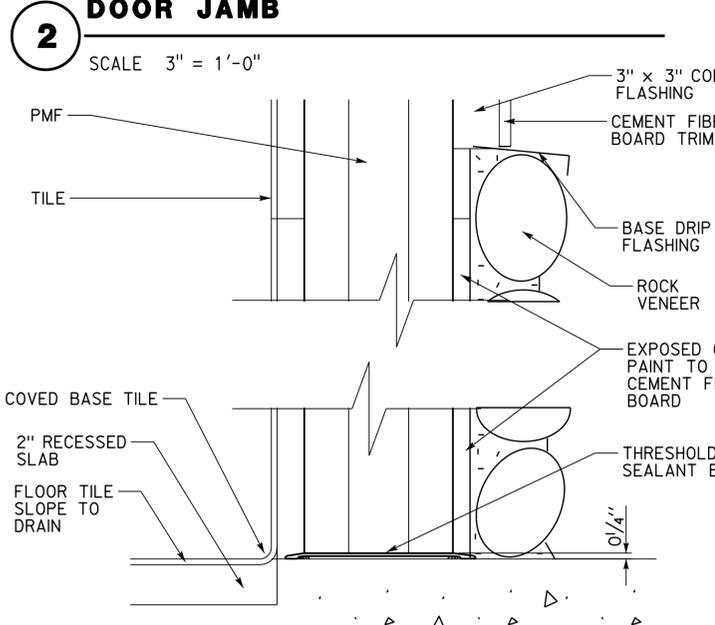
2 DOOR JAMB
 SCALE 3" = 1'-0"



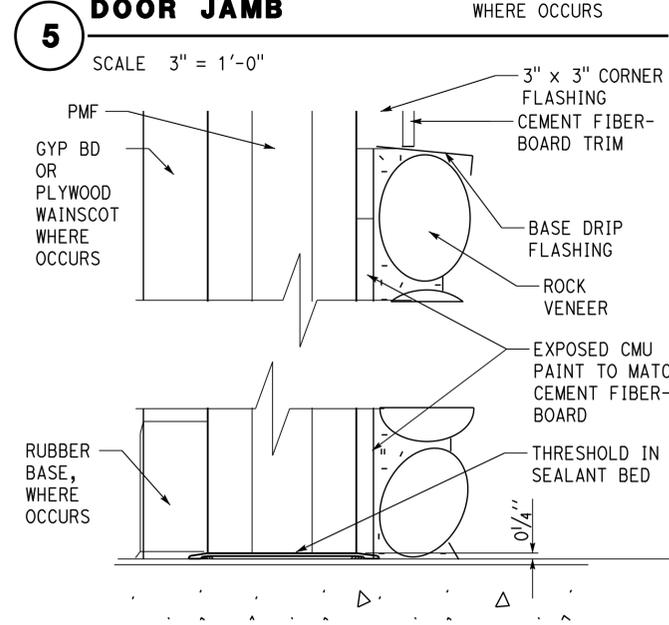
5 DOOR JAMB
 SCALE 3" = 1'-0"



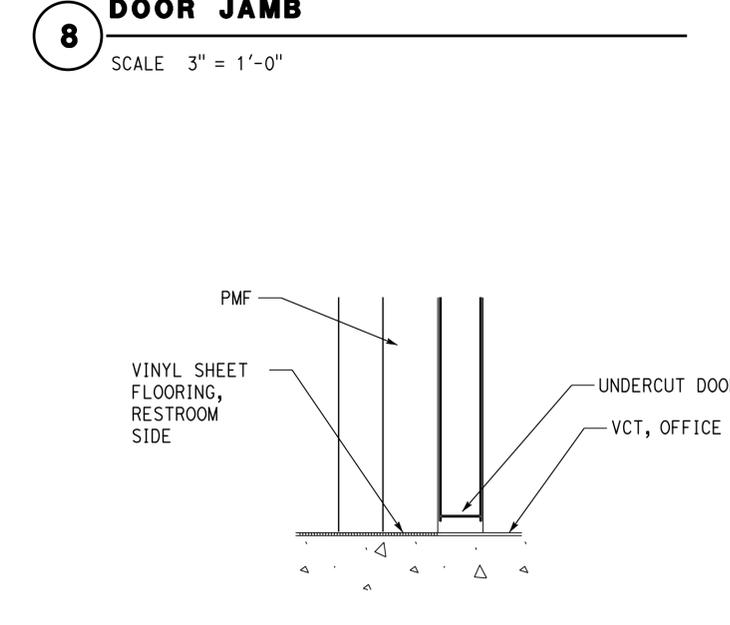
8 DOOR JAMB
 SCALE 3" = 1'-0"



3 DOOR THRESHOLD
 SCALE 1/4" = 1'-0" Door not shown for clarity



6 DOOR THRESHOLD
 SCALE 3" = 1'-0" Door not shown for clarity



9 DOOR THRESHOLD
 SCALE 3" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA	CALIFORNIA STATE FIRE MARSHAL APPROVED
PROJECT ID 0200000030	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. The set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 6/15/11	Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015

A1-25.dgn	TAEMWW Imperlal Rev. 7/10	12-MAY-2015	14:07	DESIGN BY A. MANANSALA CHECKED DONALD E. ELSEY DETAILS BY A. MANANSALA CHECKED DONALD E. ELSEY QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE NORTHBOUND & SOUTHBOUND DETAILS	SHEET OF A1-25 X X
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	UNIT PROJECT NUMBER & PHASE	3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) - -07	SHEET OF X X A1-25.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	117	199

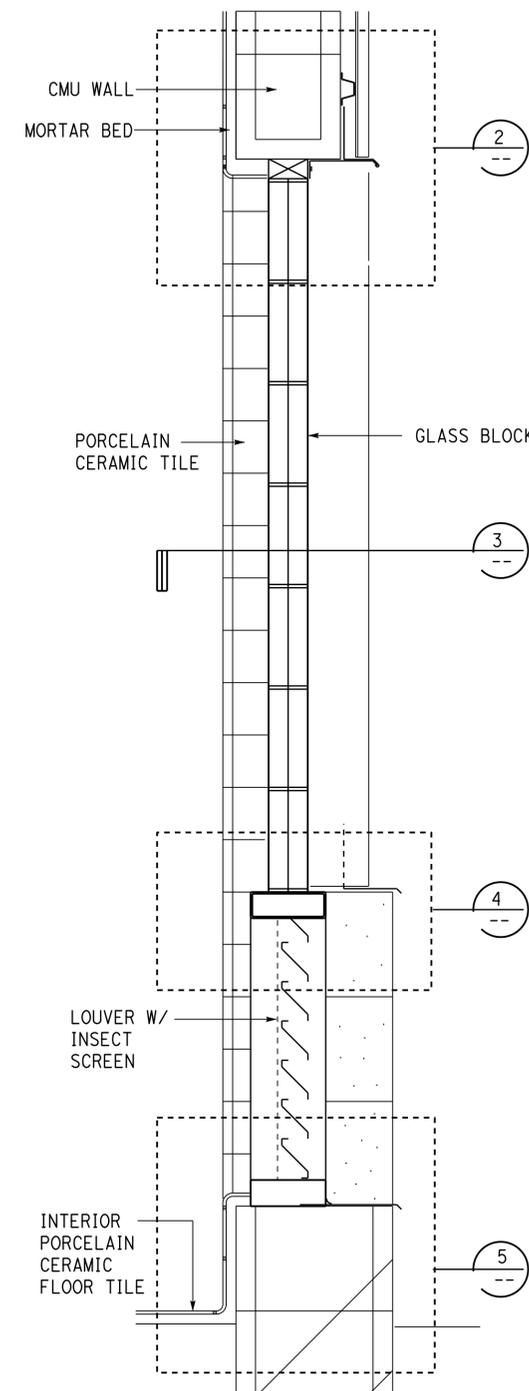
A. Manansala 9-25-13
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT
ANTHONY MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

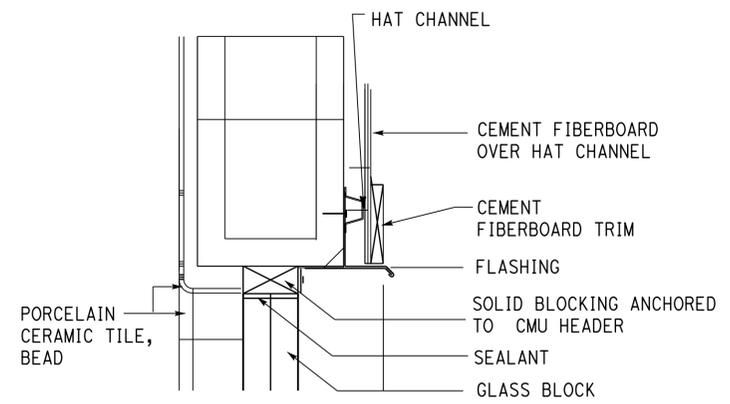
4-1-14
 PLANS APPROVAL DATE

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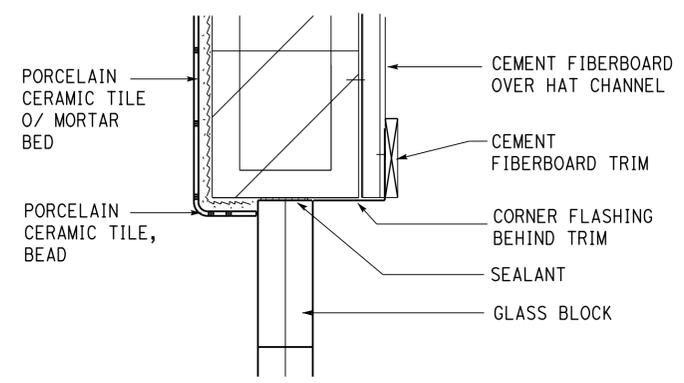
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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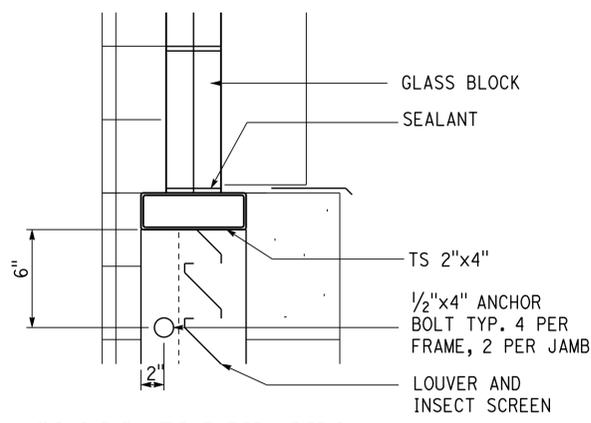
1 GLASS BLOCK & LOUVER WALL SECTION
SCALE 1 : 10



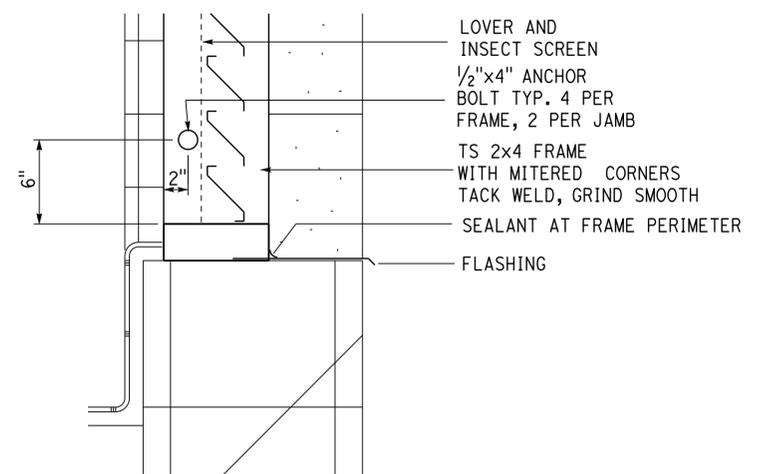
2 GLASS BLOCK HEAD
SCALE 1 : 5



3 GLASS BLOCK JAMB
SCALE 1 : 5



4 GLASS BLOCK SILL / LOUVER HEAD
SCALE 1 : 5



5 LOUVER SILL
SCALE 1 : 5

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

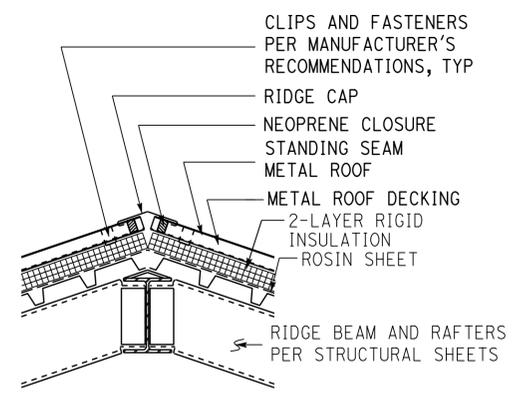
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	DETAILS BY	A. MANANSALA	CHECKED	DONALD E. ALSEY			08R00002L 08R00002R	NORTHBOUND & SOUTHBOUND		A1-26
	QUANTITIES BY		CHECKED				POST MILE	DETAILS		REVISION DATES (PRELIMINARY STAGE ONLY)
							16.9			SHEET OF
										X X
					UNIT PROJECT NUMBER & PHASE	3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES			
					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3				

12-MAY-2015 14:07

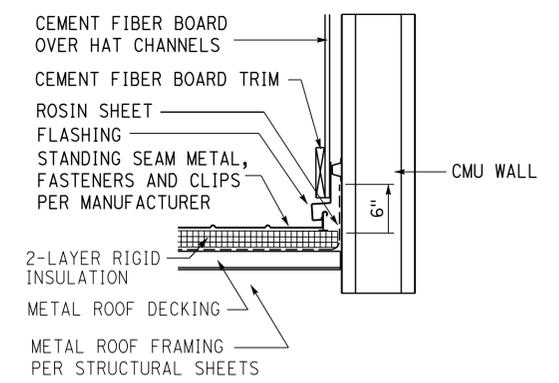
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	118	199

A. Manansala 9-25-13
 LICENSED ARCHITECT DATE
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

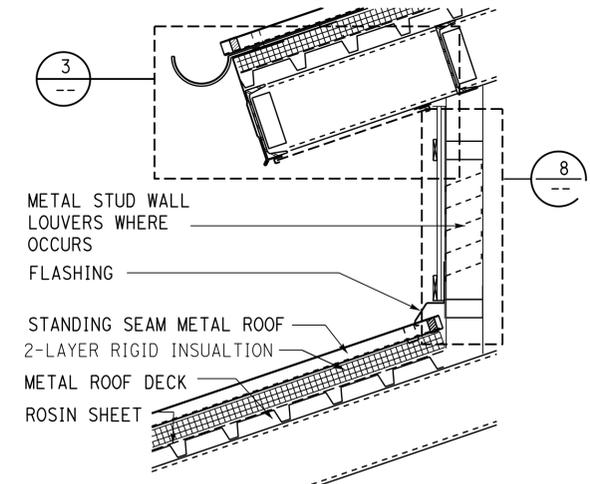
4-1-14
 PLANS APPROVAL DATE
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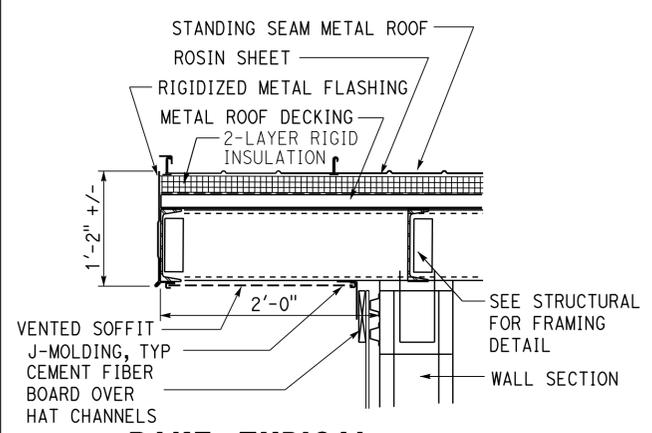
1 RIDGE, TYPICAL
SCALE 1 : 10



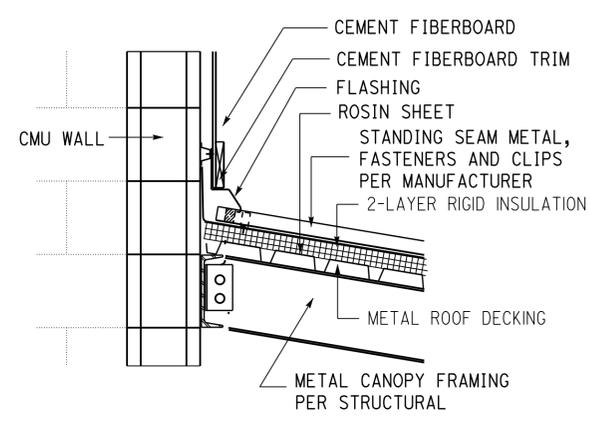
4 ROOF AT WALL
SCALE 1 : 5



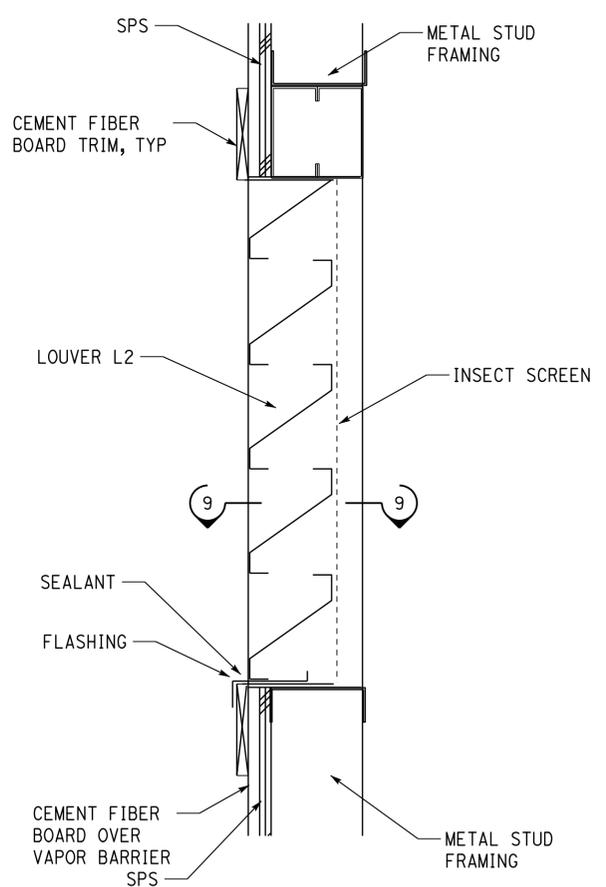
7 ROOF AT CLERESTORY
SCALE 1 : 5 See 3/-- for additional information



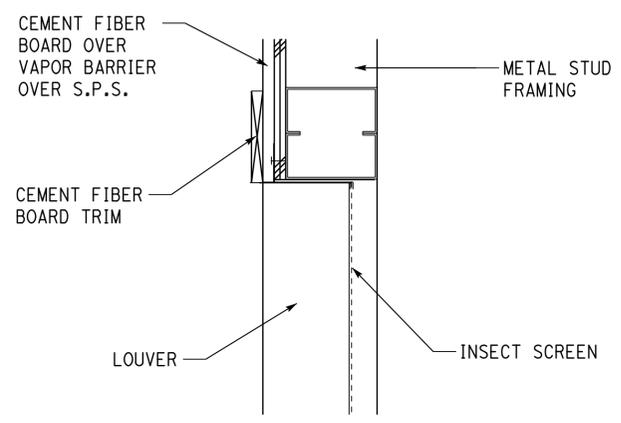
2 RAKE, TYPICAL
SCALE 1 : 10



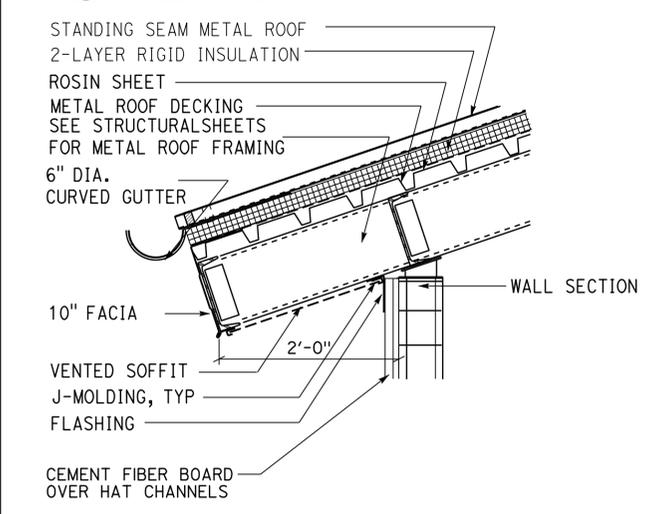
5 CANOPY TO WALL
SCALE 1 : 5



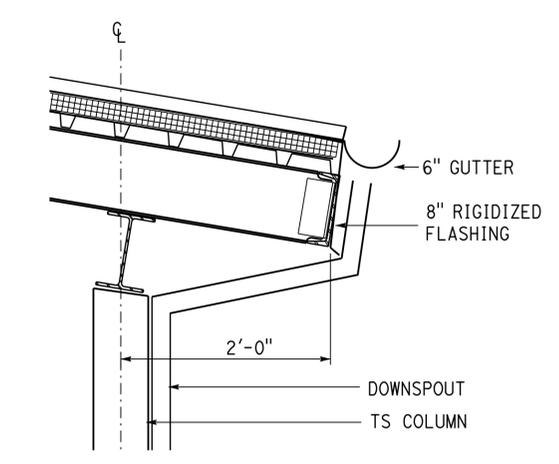
8 LOUVER HEAD AND SILL, CUPOLA
SCALE 1 : 5 See 3/-- for additional information



9 LOUVER JAMB, CUPOLA
SCALE 1 : 5 See 3/-- for additional information



3 EAVE, TYPICAL
SCALE 1 : 10



6 ROOF & CANOPY AT COLUMN
SCALE 1 : 10 For additional information see 5/--

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

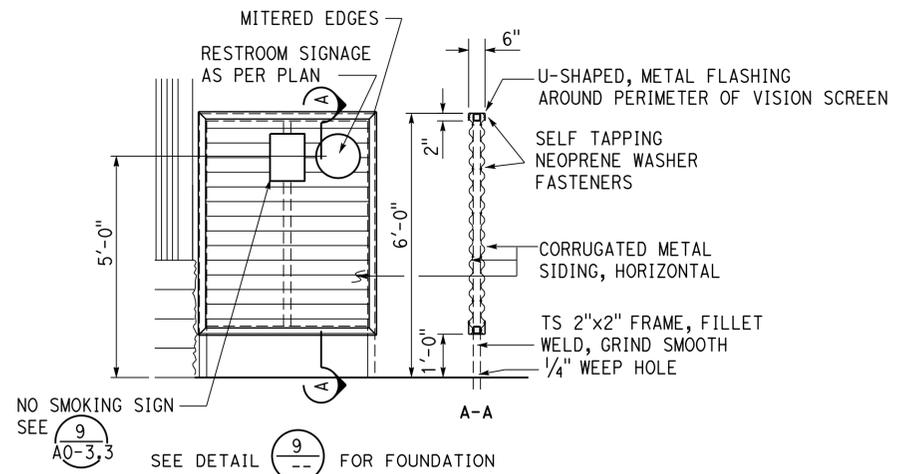
A1-27.dgn TAEMWW Imper1al Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE NORTHBOUND & SOUTHBOUND DETAILS	SHEET OF A1-27
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)

12-MAY-2015 14:07

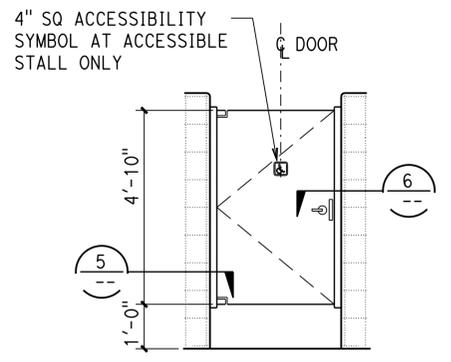
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	119	199

LICENSED ARCHITECT
 ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

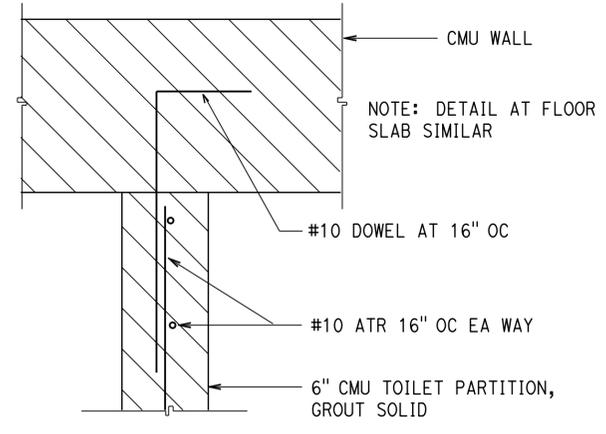
9-25-13 DATE
 4-1-14 PLANS APPROVAL DATE
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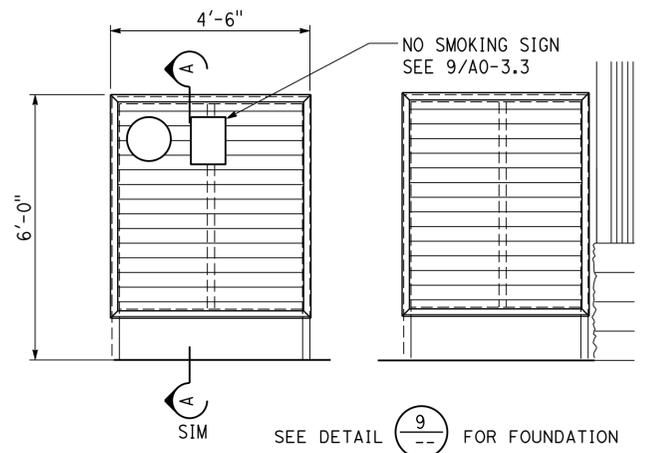
1 COMFORT STATION VISION SCREEN, TYPE 1
 SCALE 1 : 10 Women's comfort station show, men similar



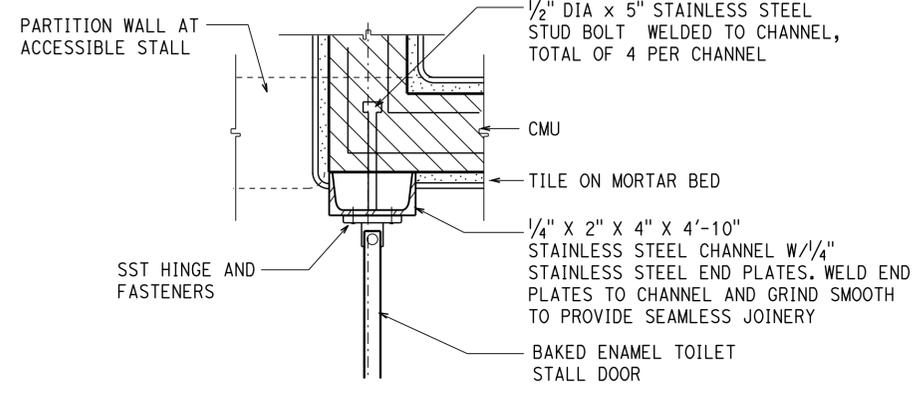
4 TOILET STALL PARTION, DOOR
 SCALE 1 : 10



7 TOILET STALL PARTION @ CMU WALL
 SCALE 1 : 10

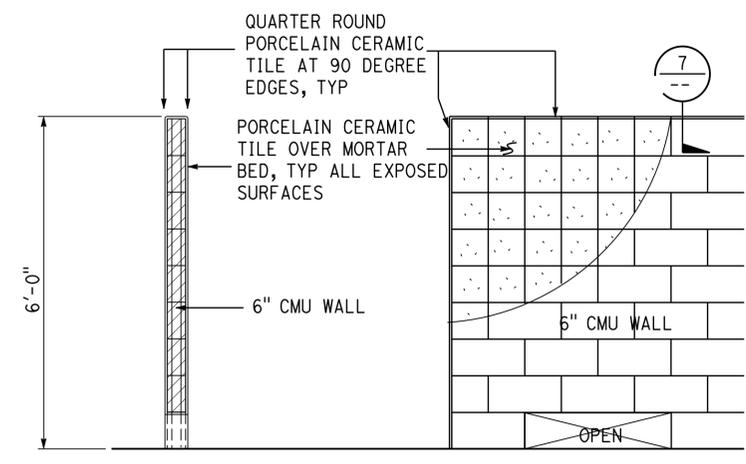


2 COMFORT STATION VISION SCREEN, TYPE 2
 SCALE 1 : 10 Women's comfort station show, men similar

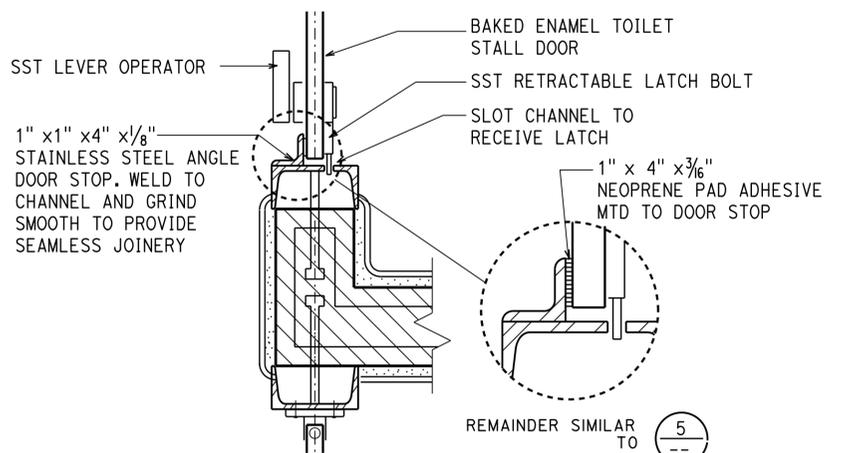


5 TOILET STALL PARTION, HINGE
 SCALE 1 : 10

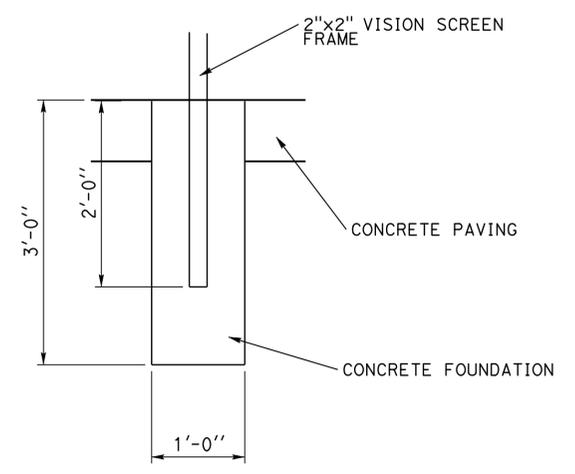
8 NOT USED



3 TOILET STALL PARTION
 SCALE 1 : 10



6 TOILET STALL PARTION, STRIKE
 SCALE 1 : 10



9 VISION SCREEN FOUNDATION
 NO SCALE NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
020000030
 Reviewed by: [Signature]
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL
 APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: [Signature]
 FRANCIS SOLICH
 Approval date: 03-10-2015

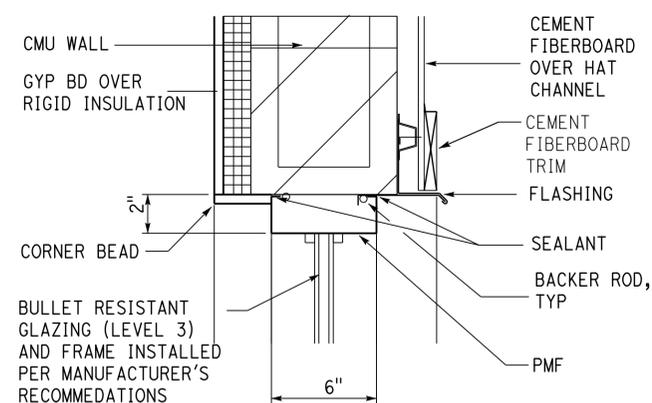
DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE NORTHBOUND & SOUTHBOUND DETAILS	SHEET A1-28
DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
QUANTITIES BY	CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	EA 0E3601	- -07	

A1-28.dgn
 TAEMWW Imperlal Rev. 7/10
 12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	120	199

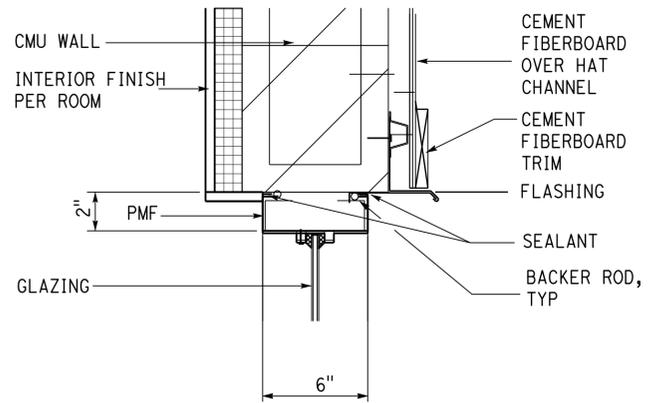
9-25-13
 LICENSED ARCHITECT DATE
ANTHONY MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE
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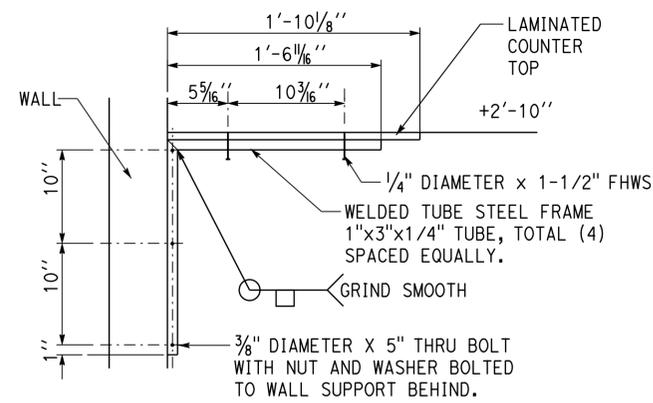
1 BULLET RESISTANT GLAZING AND FRAME, CMU, HEAD

SCALE 1 : 5



4 PMF GLAZING, CMU, HEAD

SCALE 1 : 5

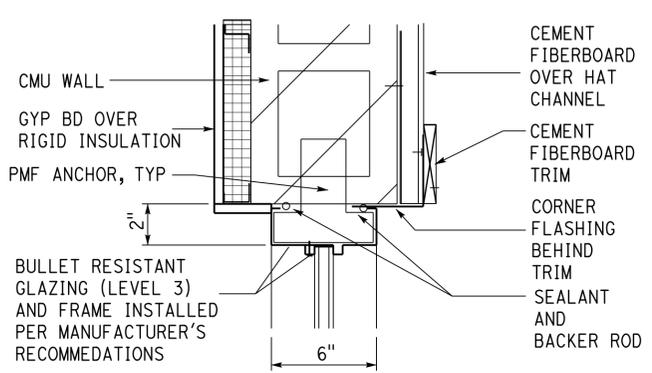


7 OFFICE COUNTERTOP SUPPORT

SCALE 1 : 5

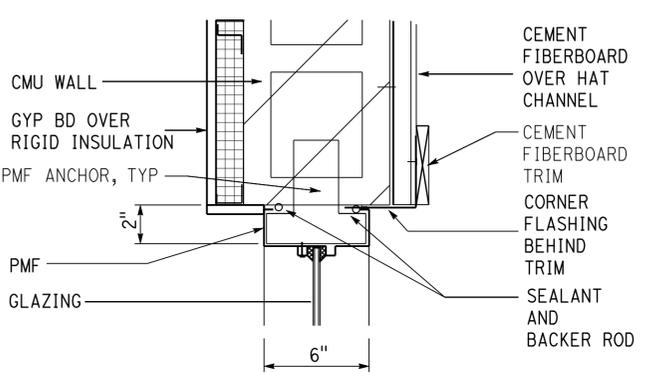
ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0200000030
 Reviewed by: [Signature]
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: [Signature]
FRANCIS SOLICH
 Approval date: 03-10-2015



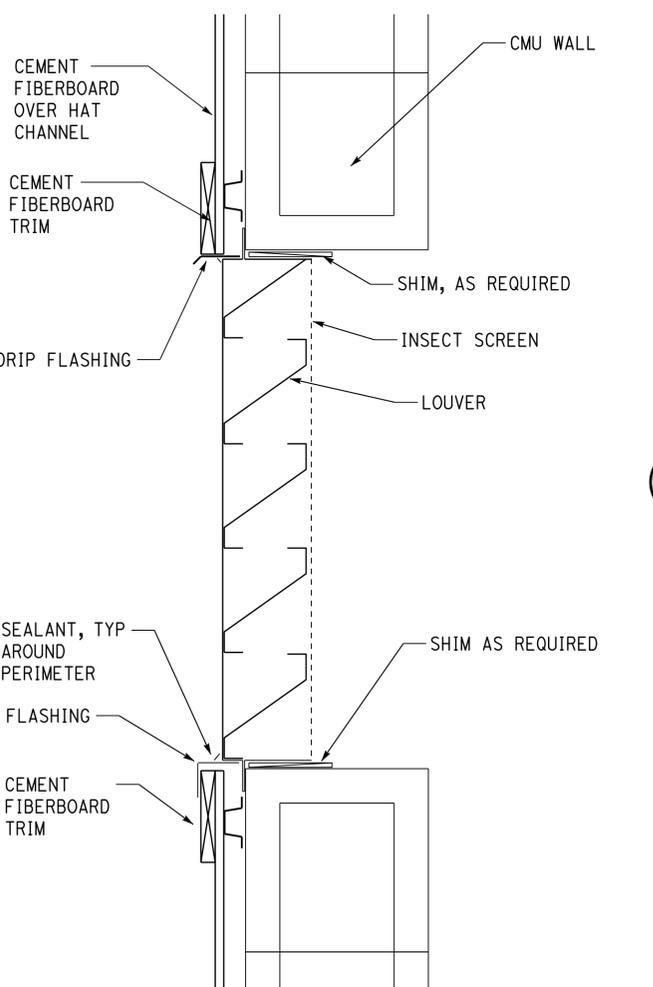
2 BULLET RESISTANT GLAZING AND FRAME, CMU, JAMB

SCALE 1 : 5



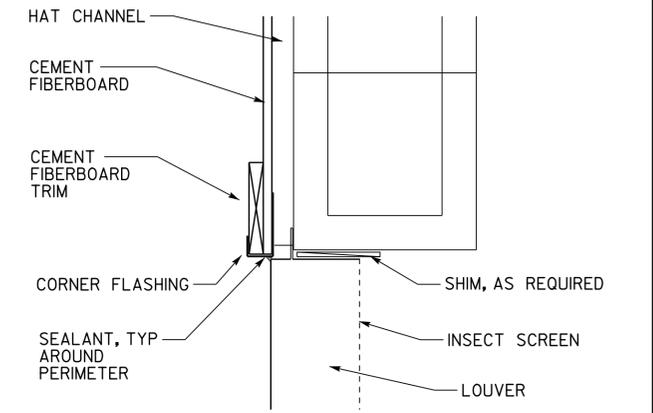
5 PMF GLAZING, CMU, JAMB

SCALE 1 : 5



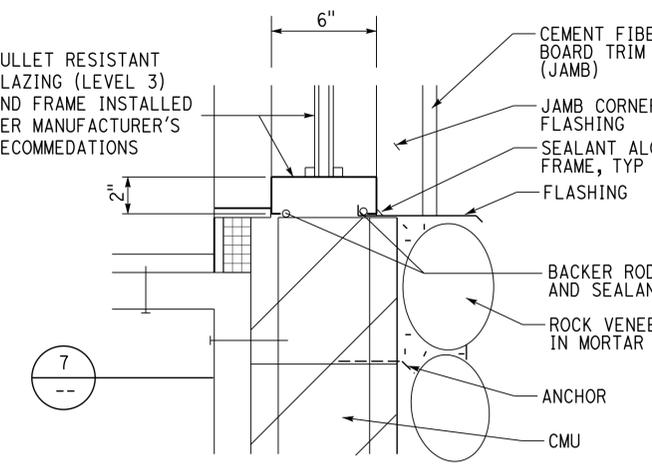
8 LOUVER AT CMU WALL

SCALE 1 : 5



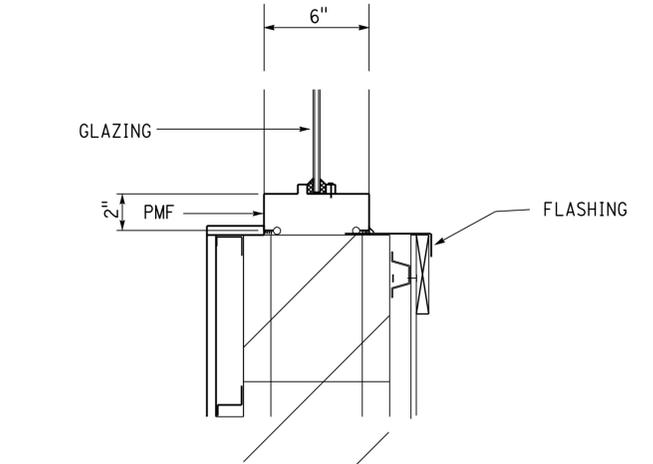
9 LOUVER JAMB AT CMU WALL

SCALE 1 : 5



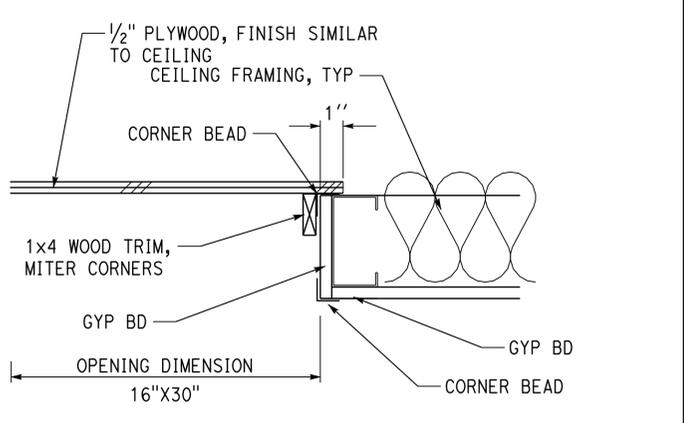
3 BULLET RESISTANT GLAZING AND FRAME, CMU, SILL

SCALE 1 : 5



6 PMF GLAZING, CMU, SILL

SCALE 1 : 5



9 ATTIC ACCESS

SCALE 1 : 5

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A1-29.dgn TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY	A. MANANSALA	CHECKED	DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRA UPGRADE DETAILS	SHEET	A1-29
	DETAILS BY	A. MANANSALA	CHECKED	DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE	3600 02000000301		NORTHBOUND & SOUTHBOUND	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	- -07			

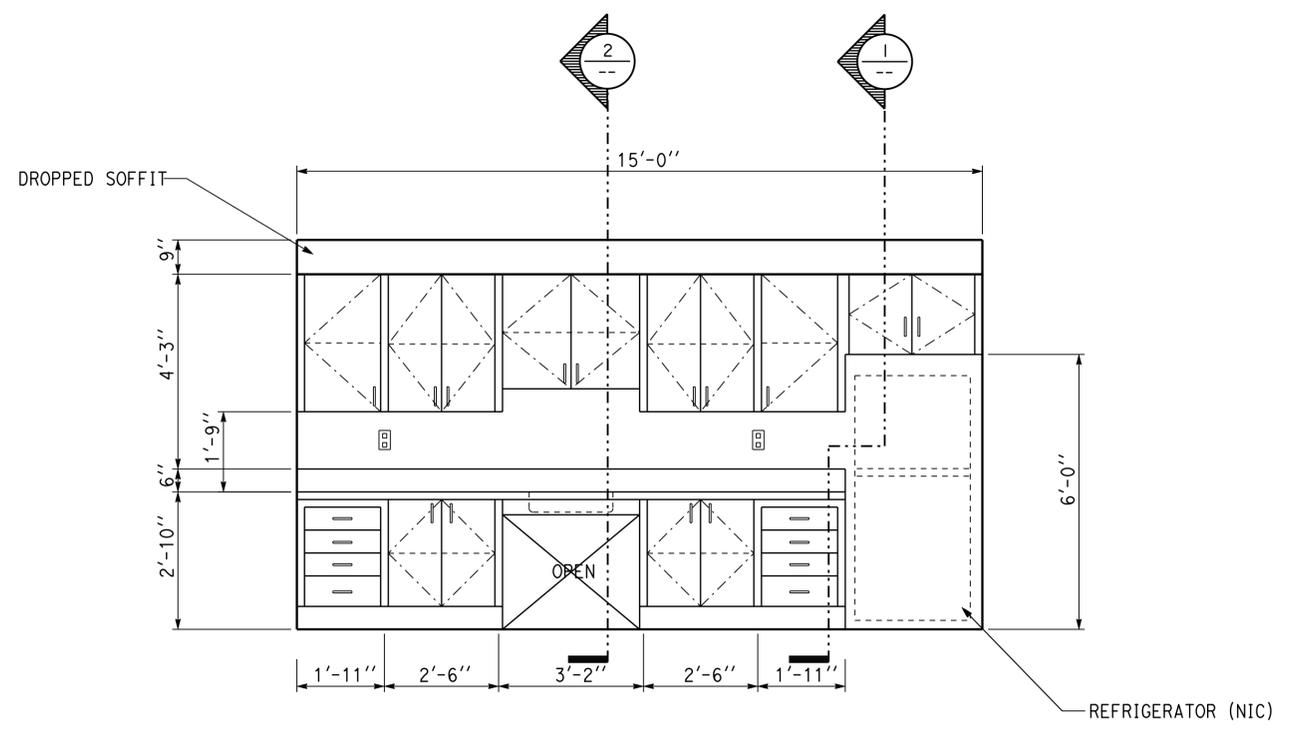
12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	121	199

LICENSED ARCHITECT
 ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

9-25-13
 DATE
 4-1-14
 PLANS APPROVAL DATE

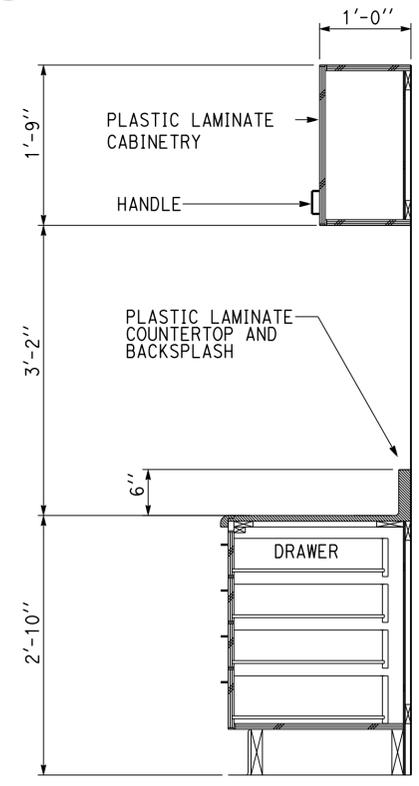
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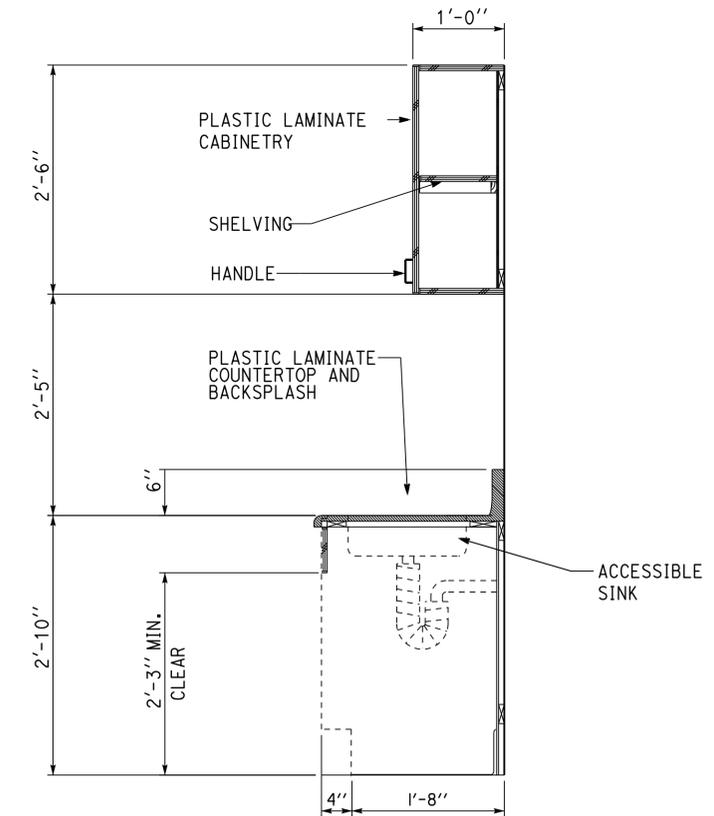
ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0200000030
 Reviewed by: *[Signature]*
 Date: 6/15/11

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 03-10-2015

A BREAK ROOM CABINETS
SCALE 1/2" = 1'-0"



1 WALL CABINET ABOVE REFRIGERATOR
SCALE 1/2" = 1'-0"



2 COUNTER AT SINK
SCALE 1/2" = 1'-0"

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

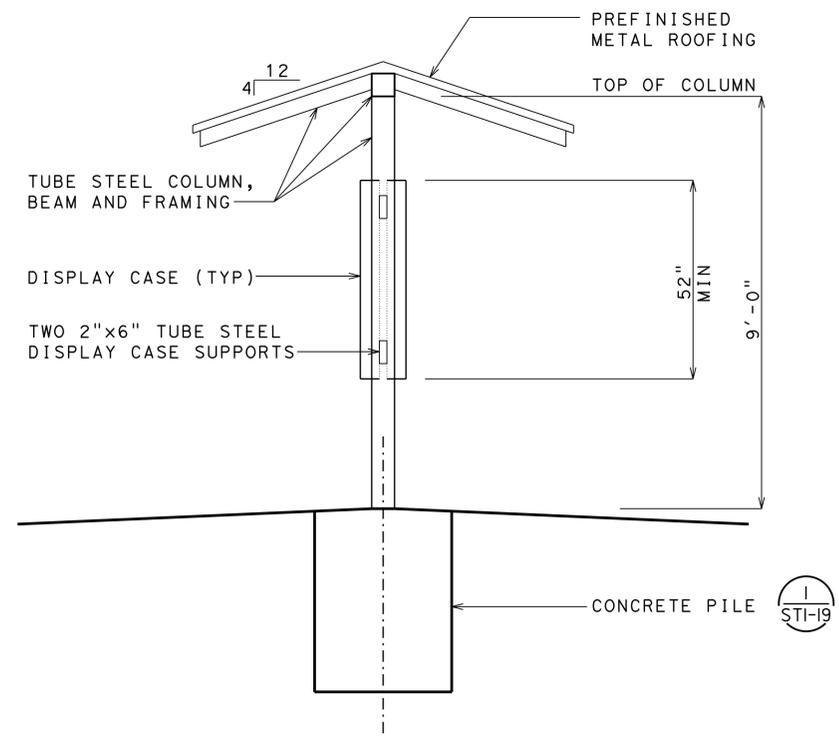
a1-30.dgn TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED DONALD E. ALSEY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L POST MILE 16.9	CORNING SRR A UPGRADE MEN'S BUILDING CABINET DETAILS	SHEET OF A1-30
	DETAILS BY A. MANANSALA	CHECKED DONALD E. ALSEY		UNIT PROJECT NUMBER & PHASE 3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3
 EA 0E3601

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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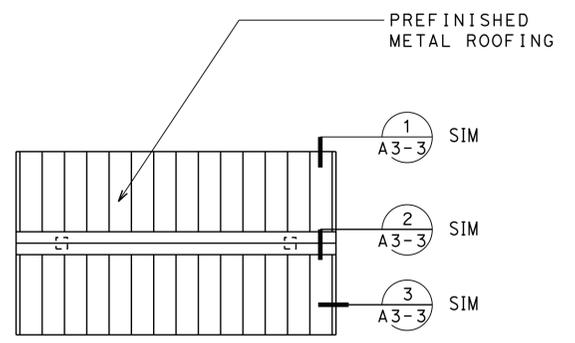
LICENSED ARCHITECT: *A. Manansala* 9-25-13
 DATE: 4-1-14
 PLANS APPROVAL DATE: 4-1-14
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



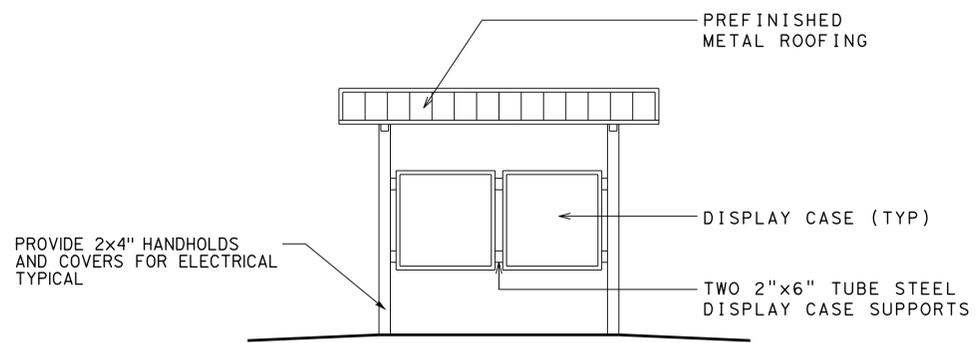
A SIDE VIEW / SECTION
SCALE: 1/2" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0200000030**
 Reviewed by: *[Signature]*
 Date: 6/15/11

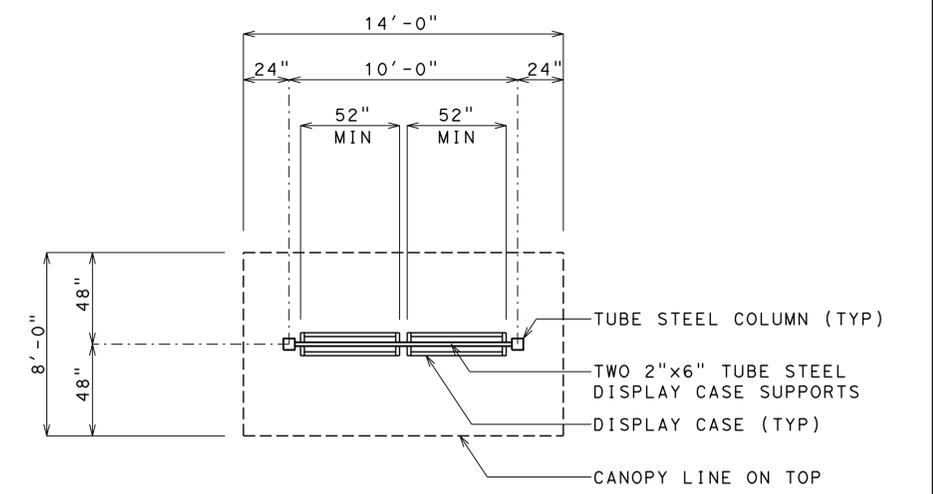
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *[Signature]*
 FRANCIS SOLICH
 Approval date: 03-10-2015



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



FRONT ELEVATION
REAR ELEVATION SIMILAR 1/4" = 1'-0"



PLAN VIEW
SCALE: 1/4" = 1'-0"
NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

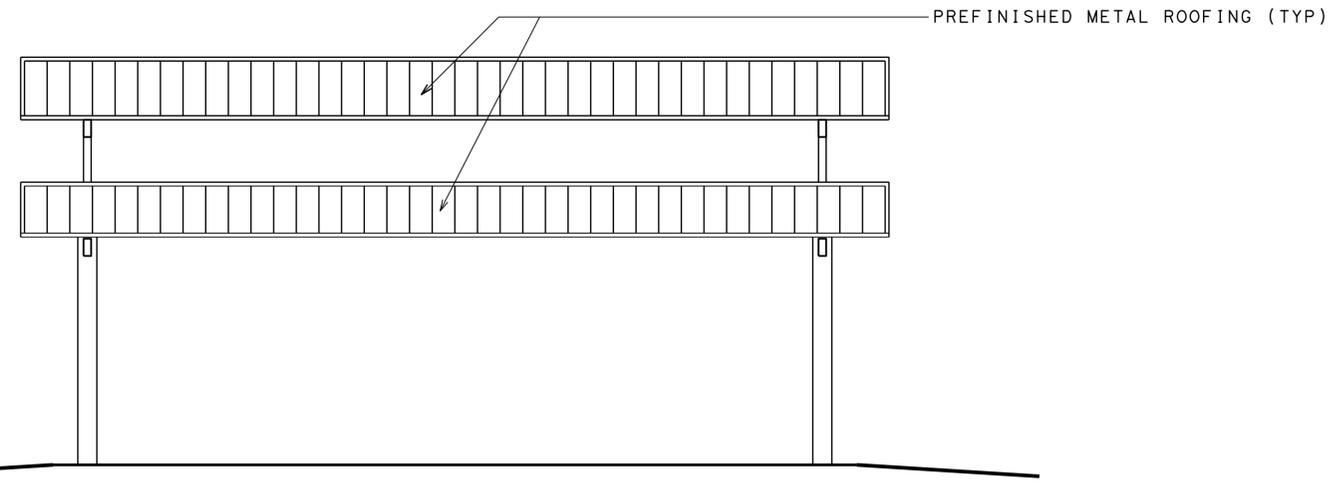
A2-01.dgn TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY: A. MANANSALA	CHECKED: <i>Donald E. Olney</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L	CORNING SRA UPGRADE	SHEET A2-01
	DETAILS BY: A. MANANSALA	CHECKED: <i>Donald E. Olney</i>			POST MILE 16.9		
	QUANTITIES BY:	CHECKED:	UNIT PROJECT NUMBER & PHASE: 3600 02000000301	EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF: X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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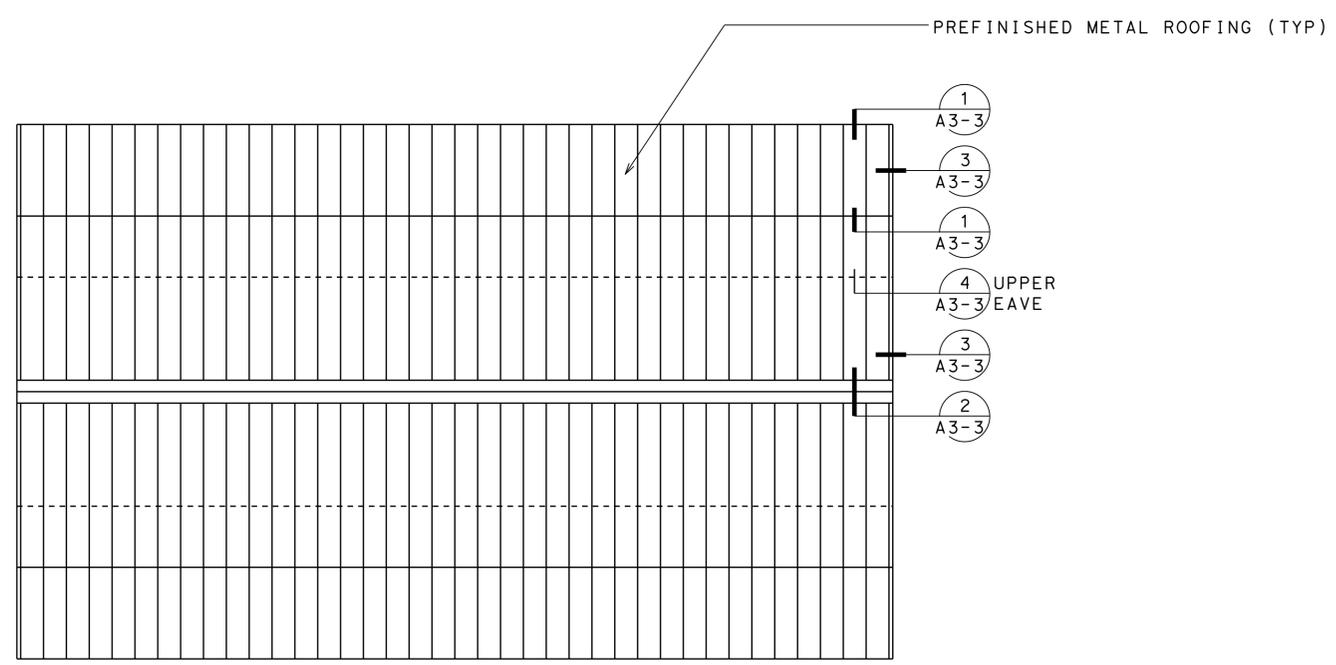
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 LICENSED ARCHITECT ANTHONY V. MANANSALA No. C-32260 Exp. 4/30/17 STATE OF CALIFORNIA
 4-1-14 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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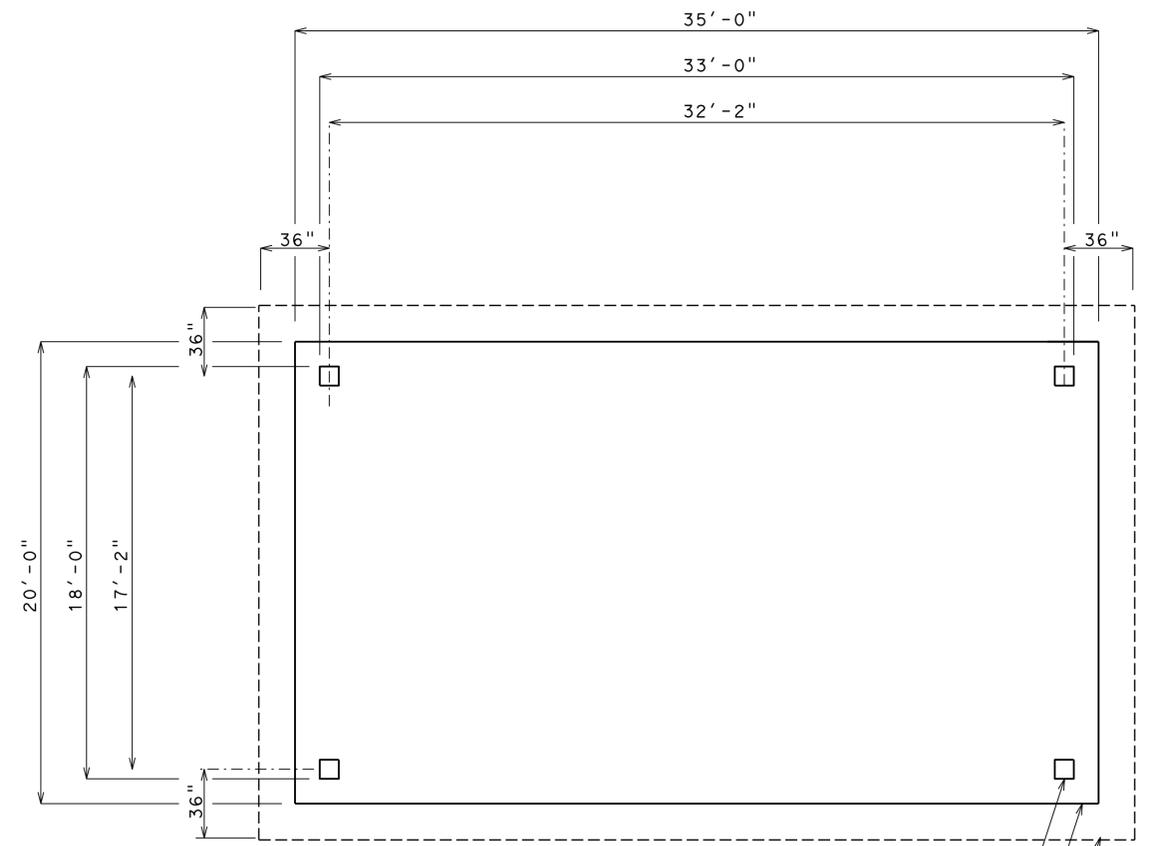
ELEVATION

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



ROOF PLAN

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



NOTE: PICNIC TABLE SHALL PROVIDE KNEE CLEARANCE OF MIN. 27" HIGH, 30" WIDE AND 19" DEEP.

FLOOR PLAN

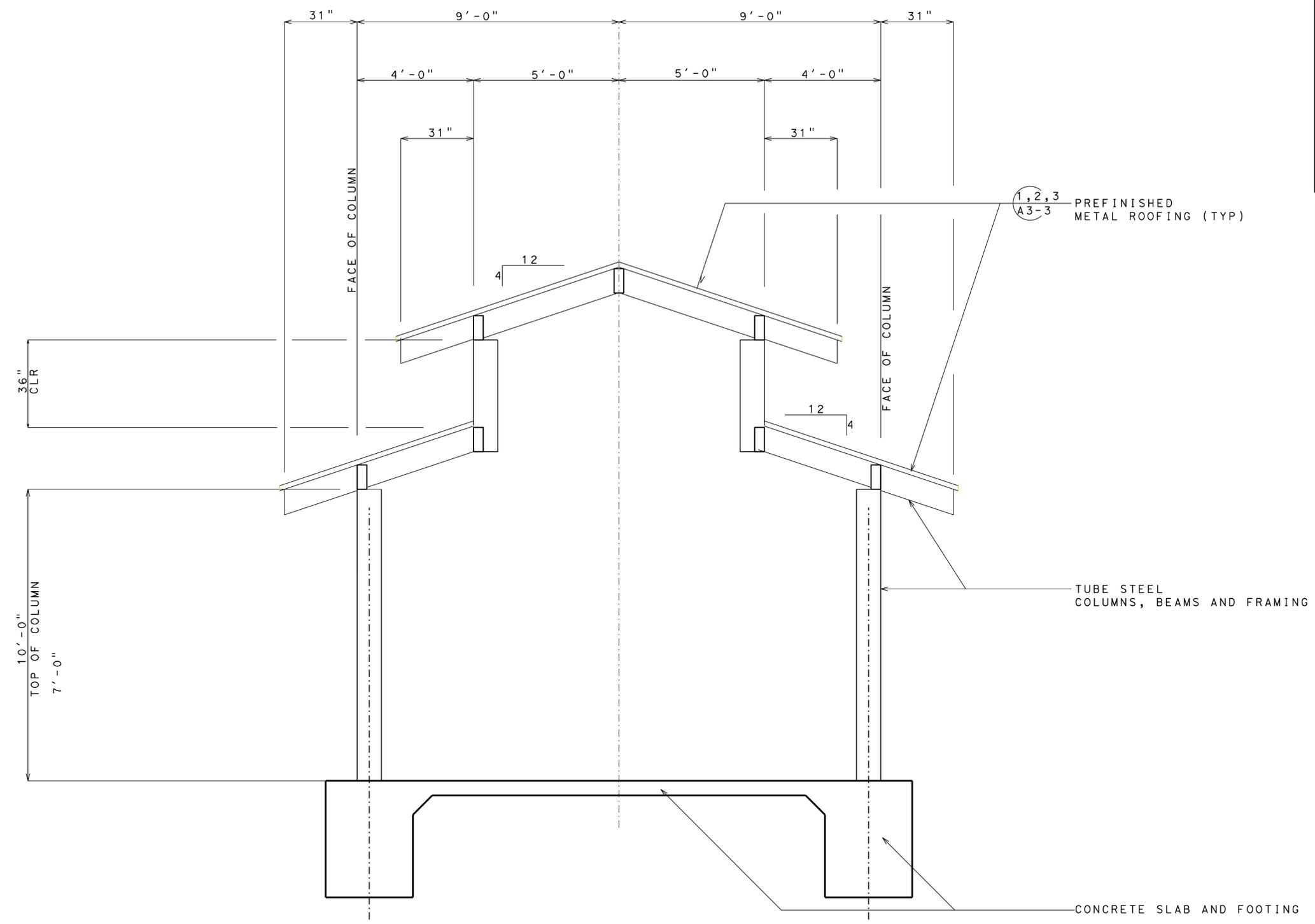
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NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A3-01.dgn TAEMWW Imper1al Rev. 7/10 12-MAY-2015 14:07	DESIGN BY A. MANANSALA	CHECKED <i>Donald E. Olney</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRR A UPGRADE		SHEET OF A3-01
	DETAILS BY A. MANANSALA	CHECKED <i>Donald E. Olney</i>		PROJECT NUMBER & PHASE 3600 02000000301	NORTHBOUND SOUTHBOUND	PICNIC CANOPY		
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	-		SHEET OF X X

12-MAY-2015 14:07 A3-01.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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<i>A. Manansala</i> 9-25-13 LICENSED ARCHITECT DATE			LICENSED ARCHITECT ANTHONY V. MANANSALA No. C-32260 Exp. 4/30/17 STATE OF CALIFORNIA		
4-1-14 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0200000030 Reviewed by: <i>[Signature]</i> Date: 6/15/11	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> FRANCIS SOLICH Approval date: 03-10-2015
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A CANOPY SECTION

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

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A3-02.dgn TAEMWW Imperial Rev. 7/10	DESIGN BY	A. MANANSALA	CHECKED	<i>Donald E. Olney</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	CORNING SRR A UPGRADE		SHEET OF A3-02
	DETAILS BY	A. MANANSALA	CHECKED	<i>Donald E. Olney</i>			08R00002L 08R00002R	NORTHBOUND SOUTHBOUND		
12-MAY-2015 14:07	QUANTITIES BY		CHECKED		PROJECT NUMBER & PHASE	3600 02000000301	POST MILE	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	16.9	- -07		X X

12-MAY-2015 14:07

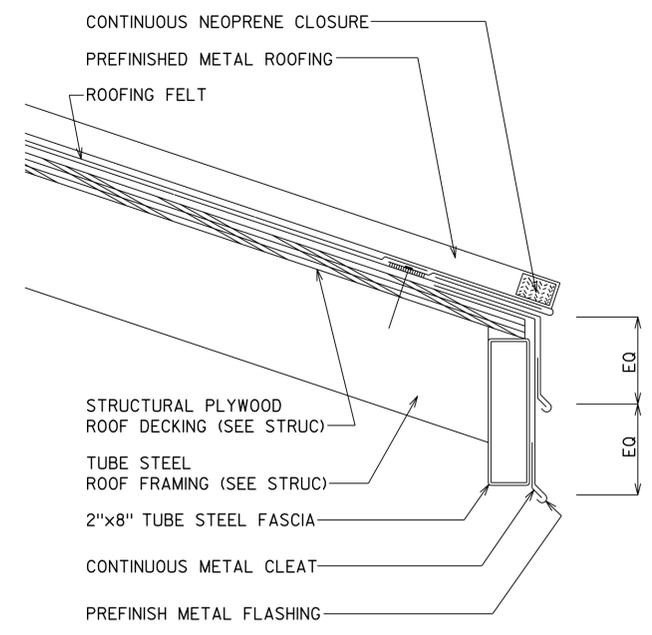
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A. Manansala 9-25-13
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT
 ANTHONY V. MANANSALA
 No. C-32260
 Exp. 4/30/17
 STATE OF CALIFORNIA

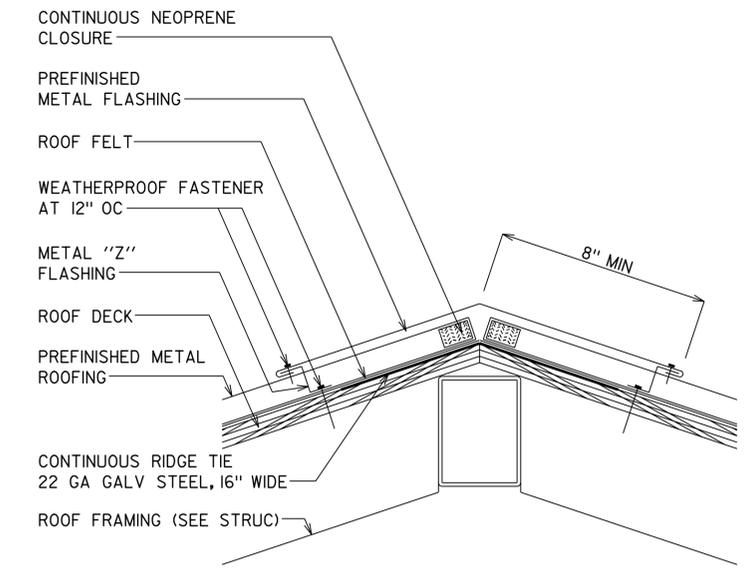
4-1-14
 PLANS APPROVAL DATE

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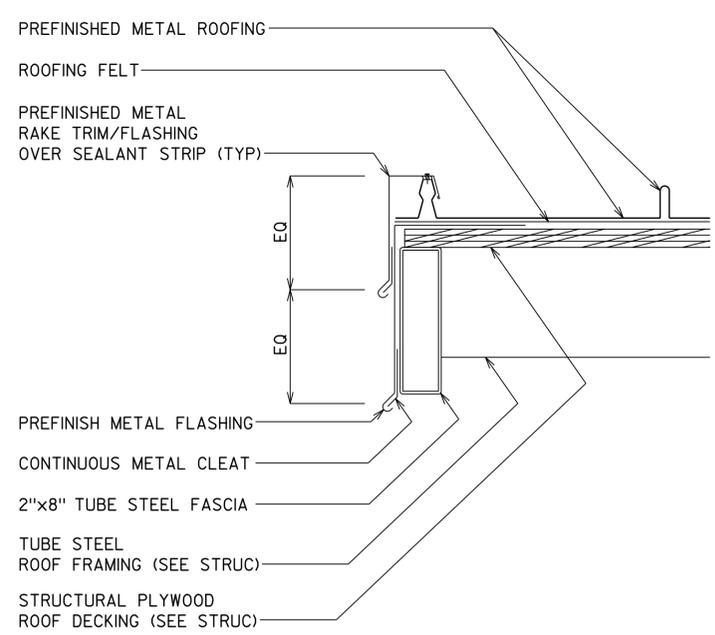
1 LOWER EAVE AT PICNIC CANOPY

SCALE 2" = 1'-0"



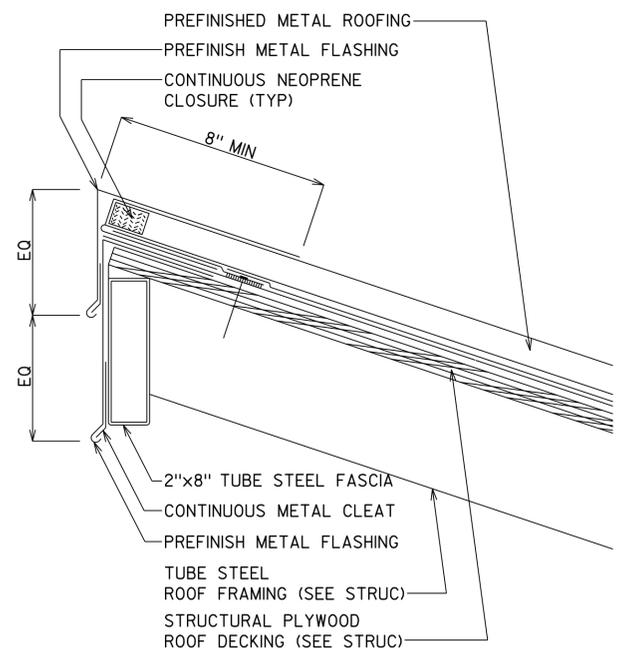
2 RIDGE AT PICNIC CANOPY

SCALE 2" = 1'-0"



3 RAKE AT PICNIC CANOPY

SCALE 2" = 1'-0"



4 UPPER EAVE AT PICNIC CANOPY

FOR MORE NOTES SEE DETAILS 1, 2, 3 SCALE 2" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0200000030

Reviewed by: *[Signature]*
 Date: 6/15/11

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

Reviewed by: *[Signature]*
FRANCIS SOLICH
 Approval date: 03-10-2015

NORTHBOUND STRUCTURE SHOWN, SOUTHBOUND STRUCTURE SIMILAR, ROTATED 180 DEGREES

A3-03.dgn TAEMWW Imperial Rev. 7/10 12-MAY-2015 14:07	DESIGN BY	A. MANANSALA	CHECKED	<i>Donald E. Olney</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	08R00002L	CORNING SRR A UPGRADE	SHEET	A3-03	
	DETAILS BY	A. MANANSALA	CHECKED	<i>Donald E. Olney</i>			POST MILE	16.9				NORTHBOUND SOUTHBOUND
	QUANTITIES BY		CHECKED									
					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	UNIT PROJECT NUMBER & PHASE	3600 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	- -07	SHEET OF X X

12-MAY-2015 14:07

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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Dailu 09-13-13
 REGISTERED CIVIL ENGINEER DATE



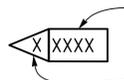
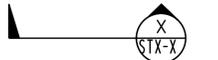
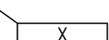
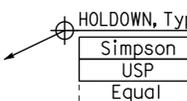
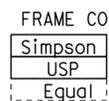
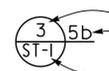
4-1-14
 PLANS APPROVAL DATE

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ABBREVIATIONS

AAD	ADHESIVE ANCHORAGE DEVICE	HD	HOLDOWN
AB	ANCHOR BOLT	Hex	HEXAGON
AC	ASPHALT CONCRETE	Horiz	HORIZONTAL
Alt	ALTERNATE	HSB	HIGH STRENGTH BOLT
APA	AMERICAN PLYWOOD ASSOCIATION	HSS	HOLLOW STRUCTURAL SECTION
APC	ALTERNATIVE PIPE CULVERT	Jt	JOINT
Bldg	BUILDING	LOL	LAYOUT LINE
Blkg	BLOCKING	LVL	LAMINATED VENEER LUMBER
BN	BOUNDARY NAILING	m	METER
Btm	BOTTOM	Max	MAXIMUM
CB	CARRIAGE BOLT	MEA	MECHANICAL EXPANSION ANCHOR
CIDH	CAST IN DRILLED HOLE	Mech	MECHANICAL
CJ	CONTROL JOINT	Mfr	MANUFACTURER
Clr	CLEAR	mm	MILLIMETER
CMU	CONCRETE MASONRY UNIT	Min	MINIMUM
Conc	CONCRETE	MIW	MALLEABLE IRON WASHER
Const	CONSTRUCTION	OC	ON CENTER
Cont	CONTINUOUS	OG	ORIGINAL GRADE
CP	COMPLETE PENETRATION WELD	OH	OPPOSITE HAND
Dbl	DOUBLE	Opt	OPTIONAL
DF	DOUGLAS FIR	P	PITCH
Dia	DIAMETER	PDF	POWER DRIVEN FASTENER
DIP	DUSTILE IRON PIPE	Plwd	PLYWOOD
DN	DIAMETER NOMINAL	PT	PRESSURE TREATED
do	DITTO	PW	PUDDLE WELD
(E)	EXISTING	PWB	PREFABRICATED WOOD I BEAM
Ea	EACH	RCP	REINFORCED CONCRETE PIPE
EL	ELEVATION	Reinf	REINFORCED, REINFORCING
Elec	ELECTRICAL	Req'd	REQUIRED
Embed	EMBEDMENT	SDSTS	SELF DRILL, SELF TAP SCREW
EN	EDGE NAIL	Sim	SIMILAR
Eq	EQUAL	SPS	STRUCTURAL PLYWOOD SHEATHING
Exp	EXPANSION	Sq	SQUARE
FDGM	FREE DRAINING GRANULAR MATERIAL	Stagg	STAGGERED
FG	FINISH GRADE	Std	STANDARD
FL	FLOW LINE	SW	STUD WELD
Fir	FLOOR	Sym	SYMMETRICAL
FN	FACE (FIELD) NAIL	T&G	TONGUE-AND-GROOVE
FOC	FACE OF CONCRETE	TN	TOE NAIL
FOM	FACE OF MASONRY	TS	TUBE STEEL
FOS	FACE OF STUD	Typ	TYPICAL
Ftg	FOOTING	UON	UNLESS OTHERWISE NOTED
Ga	GAGE	Vert	VERTICAL
Galv	GALVANIZED		
GLM	GLUE LAMINATED MEMBER		
Gyp Bd	GYPSUM BOARD		

SYMBOLS

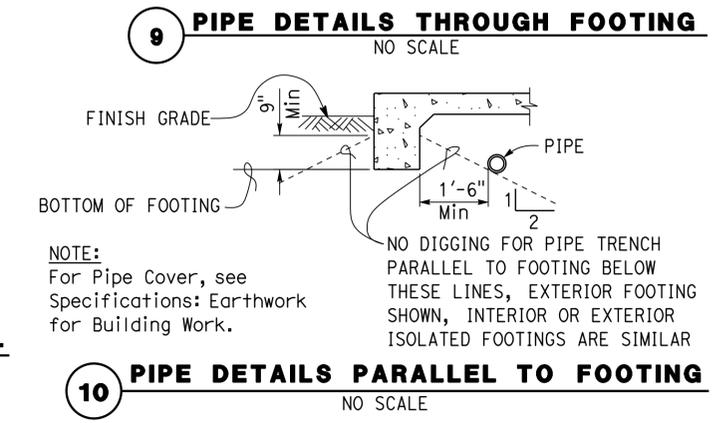
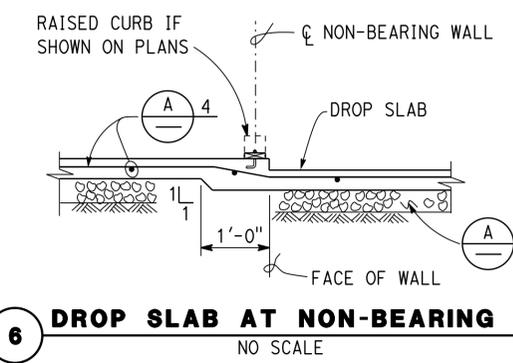
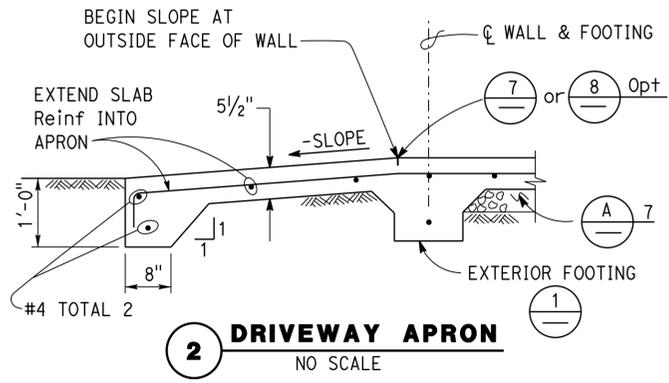
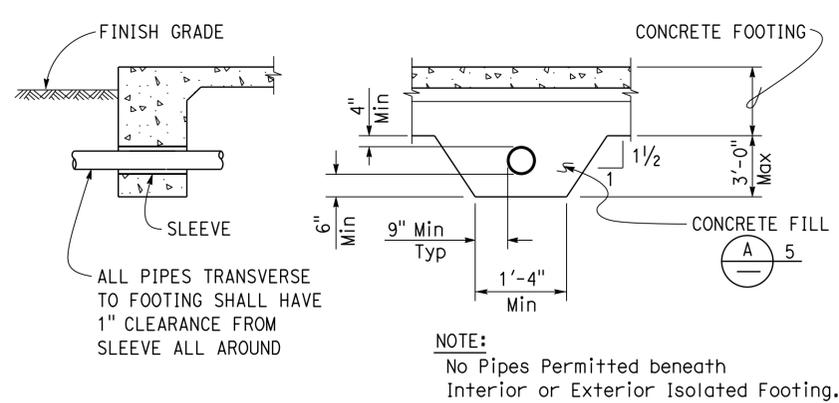
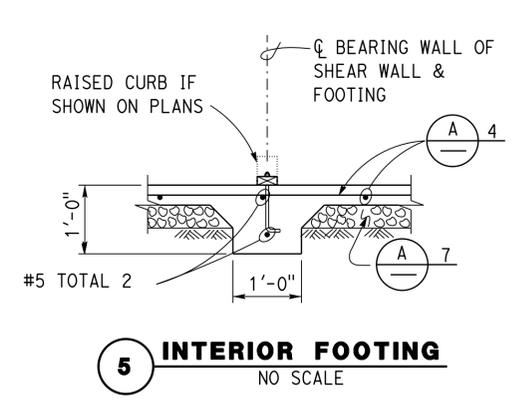
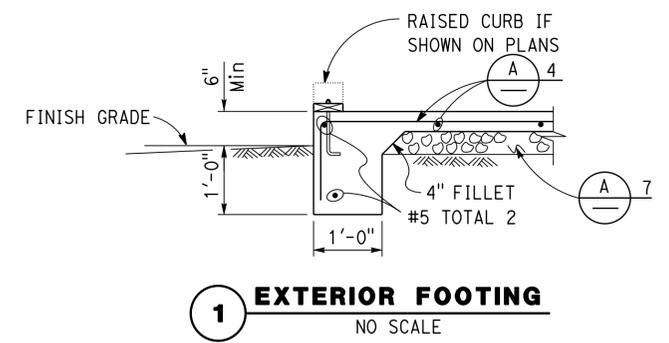
	BLOCKING IN SECTION OR ELEVATION		CMU WALL ON PLAN VIEWS
	CONTINUOUS MEMBER IN SECTION		DROPPED SLAB ON PLAN VIEWS
	END OF MEMBER		REINFORCED CONCRETE
	BEARING WALL		SAND
	SHEAR WALL		STRUCTURE BACKFILL
	LENGTH SHEARWALL SCHEDULE SYMBOL REFERENCE		STRUCTURE EXCAVATION
	GLUE LAMINATED MEMBER SECTION		ORIGINAL GROUND
	NORTH ARROW		LIMITS OF STRUCTURE BACKFILL (SHOWN ON PLAN VIEWS)
	PARTIAL SECTION CUT		FREE DRAINING GRANULAR MATERIAL
	FULL SECTION CUT		BOTTOM OF FOOTING
	REVISION CALLOUT		ELEVATION OR WORKING POINT
	GRID LINE INDICATOR		EXISTING FEATURES
	CENTER LINE		HOLDDOWN, Typ (MANUFACTURERS ARE THOSE NOTED IN THE ORDER SHOWN)
	STATION LINE		FRAME CONNECTOR (MANUFACTURERS ARE THOSE NOTED IN THE ORDER SHOWN)
	STEEL PLATE		DETAIL NUMBER OR NOTE NUMBER ADDITIONAL REFERENCE (IF REQUIRED) SHEET NUMBER
	DIAMETER		
	SQUARE		

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

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN		BRIDGE NO. 08R0002		CORNING SRRA UPGRADE				SHEET ST-1	
FILE NO. XS-25-0	DESIGN BY <i>Sean Samuel</i>	CHECKED <i>Joe Glendon</i>	APPROVED <i>R.C. Travis</i>	DEPARTMENT OF TRANSPORTATION		PROJECT NUMBER & PHASE 3599 02000000301		POST MILE 10.5		LEGEND				SHEET OF	
DRAWING DATE 1-04	DETAILS BY <i>Peter F. von Savoye, II</i>	CHECKED <i>Sean Samuel</i>	DESIGN SUPERVISOR	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3599 02000000301		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF	
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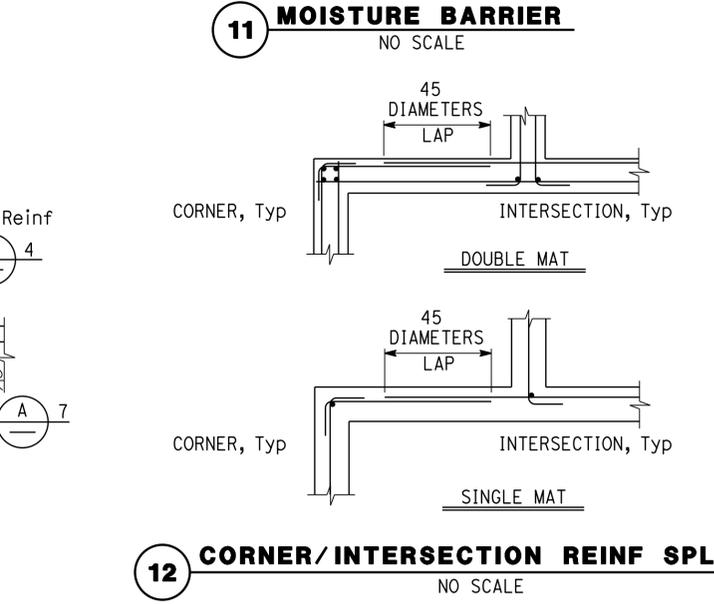
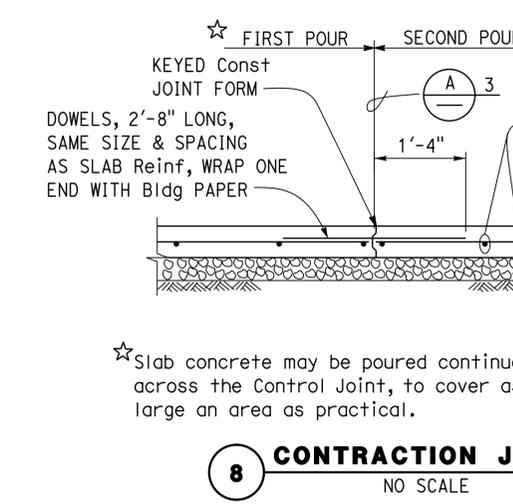
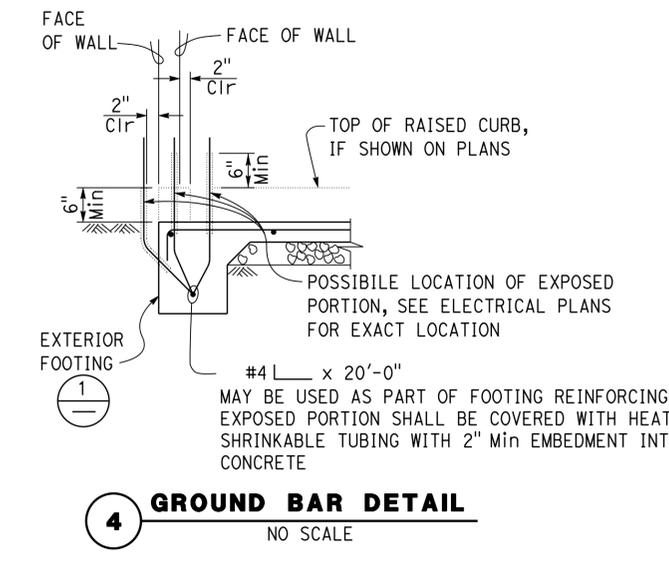
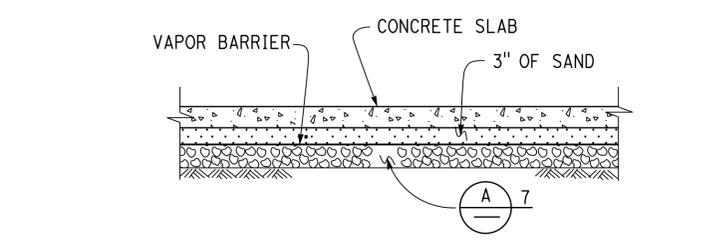
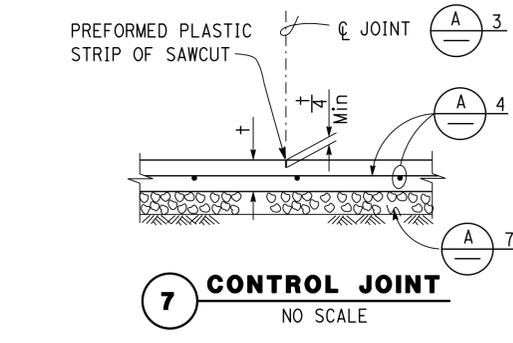
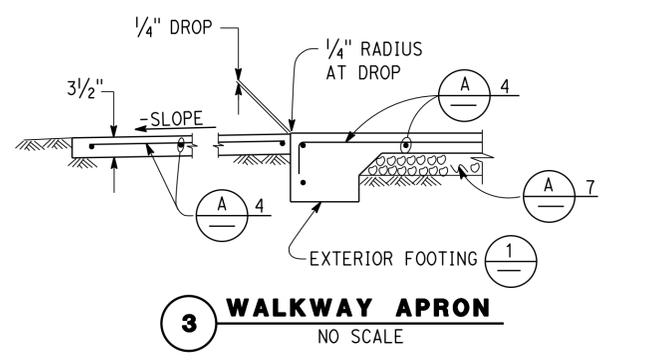
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<i>Dailu</i> REGISTERED CIVIL ENGINEER			09-13-13 DATE	REGISTERED PROFESSIONAL ENGINEER No. 67416 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA	
4-1-14 PLANS APPROVAL DATE					
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- A CONCRETE NOTES**
- The following minimum concrete cover shall be provided for reinforcement.

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



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

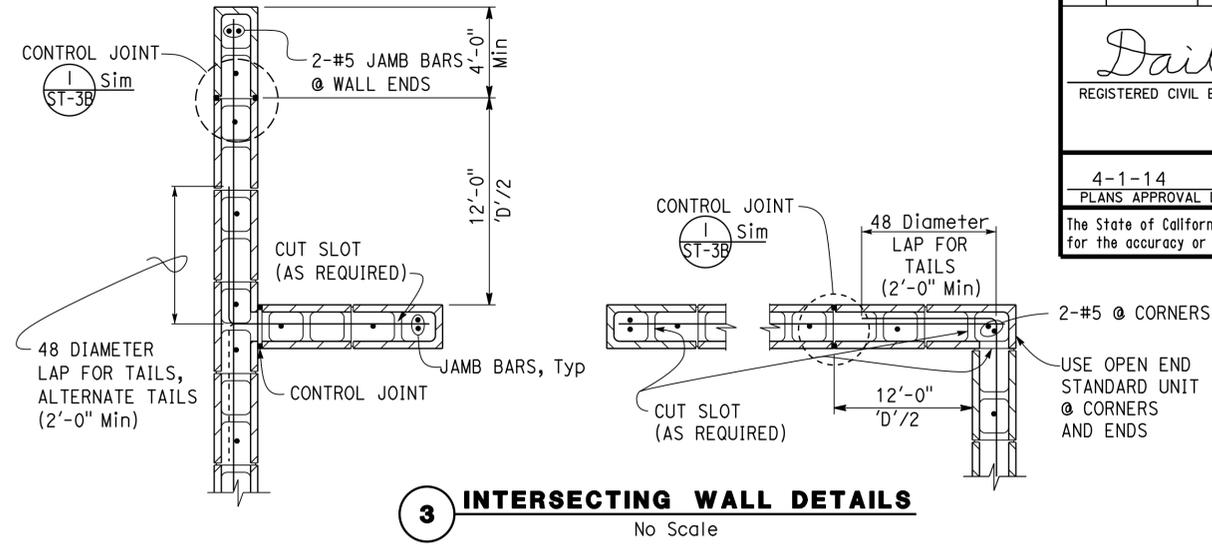
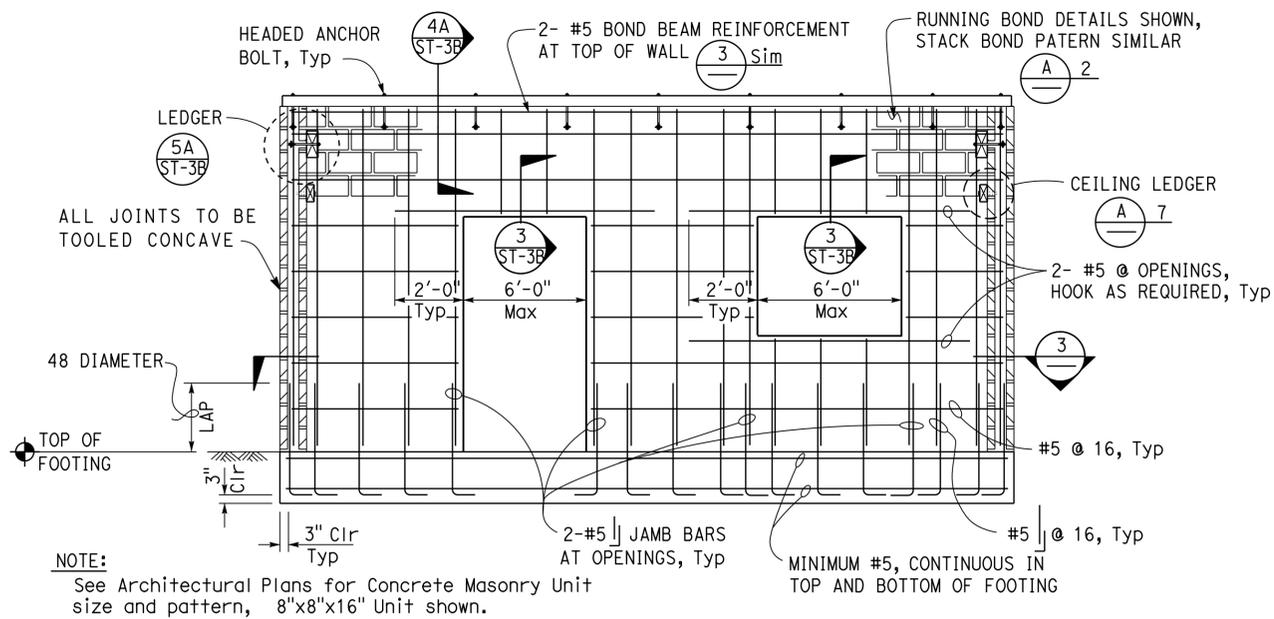
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DRAWING DATE 1-04	DETAILS BY <i>Peter F. ...</i>	CHECKED BY <i>...</i>	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 10.5	CONCRETE STANDARD	
TAEMWW Imper-Id Rev. 7/10	SCALE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

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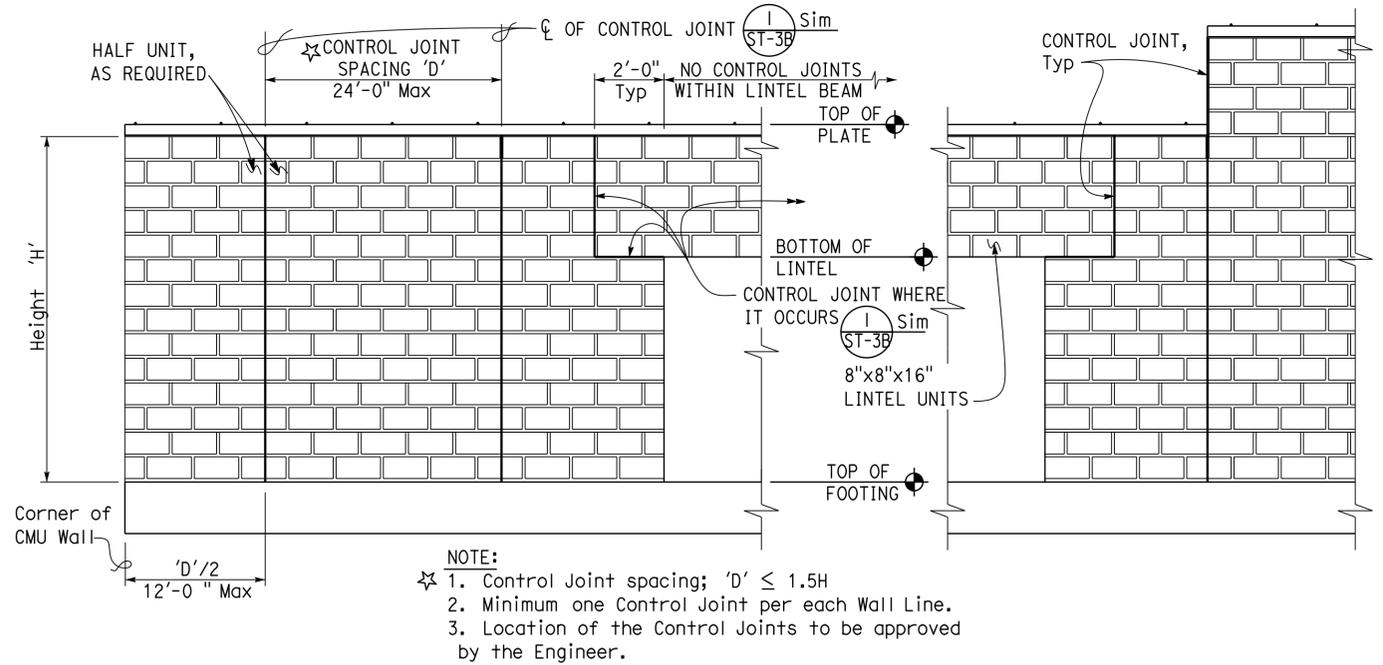
<i>Dai Lu</i>		09-13-13
REGISTERED CIVIL ENGINEER	DATE	

4-1-14	
PLANS APPROVAL DATE	

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- A REINFORCED CONCRETE MASONRY UNIT NOTES**
- All Walls shown on plans shall be solid grout, open end units, UON.
 - Stack Bond requires open end Bond Beam Units throughout.
 - All vertical reinforcement shall be centered in cell, UON. The minimum coverage of other reinforcement from the exposed surface of Concrete Masonry Unit shall be 2".
 - Reinforcement splices shall be as follows:
 - Length of lap splice for a #7 or smaller bar shall be 48 diameters.
 - Lintel lap splices, if necessary, shall be at midspan for top bars and beyond support for bottom bars.
 - There shall be a minimum 8" return at any Jamb adjacent to corner.
 - Dowels shall be at least the same size and spacing as wall reinforcement.
 - Ceiling Ledger shall be anchored with 1/4" Ø Expansion Anchors installed at 2'-8" OC maximum spacing. Expansion Anchors shall have 1 1/2" minimum distance to any edge of the masonry unit. Minimum embedment measured from the outside face of the unit shall be 2".
 - Pipes shall not be embedded in any Masonry Wall except when shown on plans or as approved by the Engineer.
 - Electrical Conduit, Panels or Fixtures may be placed in cells with the following restrictions:
 - The Conduits shall not interfere with or displace the reinforcing steel.
 - Conduits shall not be placed in such a congested manner as to prevent the complete filling of the cells with grout.
 - Horizontal run of 3/4" maximum size conduit may be placed in a bond beam unit course that does not have horizontal reinforcing steel.
 - Recesses more than 1" deep for Electrical Panels or Fixtures shall be framed and have similar reinforcement as doors and windows.
 - Steel washers shall be provided for all anchor bolts, over-sized holes and high strength bolts.
 - See Architectural and Mechanical Plans for offsets, sizes and locations of ducts, wall openings, vents and other details not shown on Structural sheets.



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

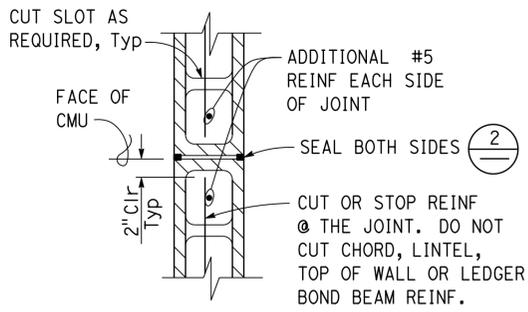
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SCALE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.												ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3												UNIT PROJECT NUMBER & PHASE 3599 02000000301				DISREGARD PRINTS BEARING EARLIER REVISION DATES				REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF	

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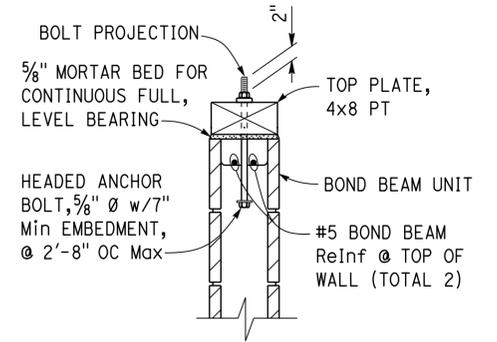
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02	Teh	5	10.5	129	199

<i>Dai Lu</i>		09-13-13	REGISTERED PROFESSIONAL ENGINEER No. 67416 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA
REGISTERED CIVIL ENGINEER	DATE		
4-1-14			PLANS APPROVAL DATE

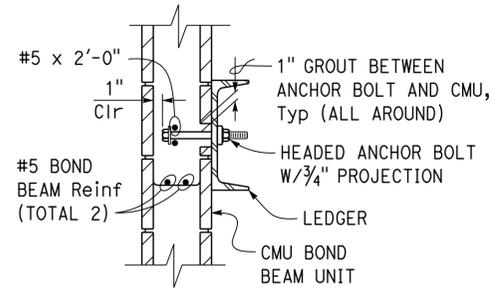
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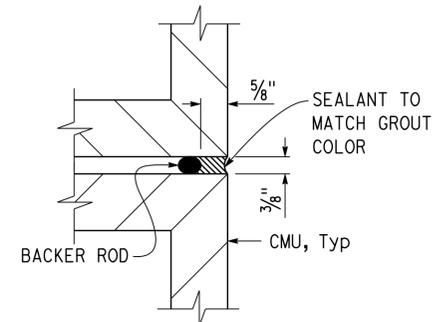
1 CONTROL JOINT DETAIL
No Scale



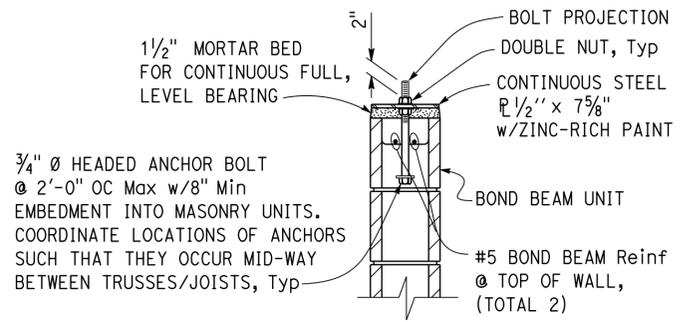
4A WOOD TOP PLATE DETAIL
No Scale



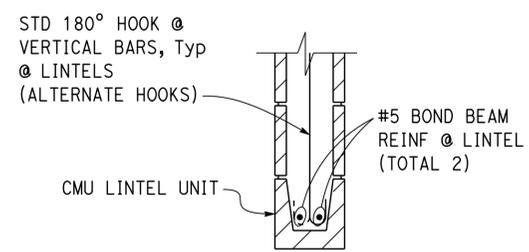
5B STEEL LEDGER DETAIL
No Scale



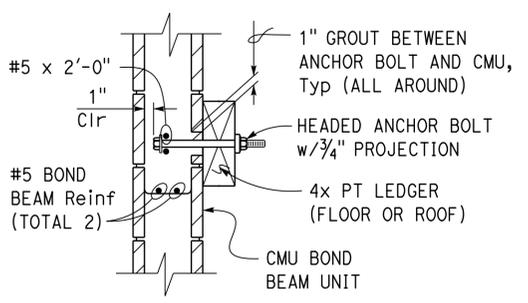
2 JOINT SEAL DETAIL
No Scale



4B STEEL TOP PLATE DETAIL
No Scale



3 LINTEL DETAIL
No Scale



5A WOOD LEDGER DETAIL
No Scale

8" CMU

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

FILE NO. XS-25-2	DESIGN BY <i>Sean Samal</i>	CHECKED <i>Joe Standa</i>	APPROVED <i>R.E. Travis</i>	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST-3B
DRAWING DATE 1-04	DETAILS BY <i>Peter von Savoy, II</i>	CHECKED <i>Joe Standa</i>	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 10.5	CONCRETE MASONRY UNIT STANDARD	
TAEMWW Imperlal Rev. 7/10	SUBMITTED BY <i>Sean Samal</i> , DESIGN ENGINEER			SCALE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.	UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

12-MAY-2015 14:07 st0_03b.dgn

PROJECT DESIGN CRITERIA

The building work on this project has been designed to conform to the 2010 California Building Code.

DETAIL NOTES

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	130	199



Dai Lu
 REGISTERED CIVIL ENGINEER
 DATE 09-13-13
 PLANS APPROVAL DATE 4-1-14

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LOADS

Seismic: Occupancy category= II
 Importance factor I = 1.0
 Site soil class = D
 $S_S = 0.672$ $S_{DS} = 0.566$
 $S_I = 0.264$ $S_{DI} = 0.329$

Seismic design category = D
Seismic force-resisting system:
 Special reinforced masonry shear walls.

North - South
 $R = 5.00$ $C_S = 0.1131$

East - West
 $R = 5.00$ $C_S = 0.1131$

Wind: Basic wind speed = 85 mph I = 1.0
 $\lambda = 1.29$ Exposure = C
 $K_{zt} = 1.0$

Live load: Roof = 20 psf

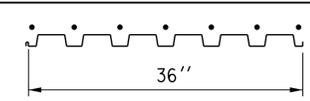
- For concrete see ST-2, "Concrete Standard".
- For masonry see ST-3A & ST-3B, "Concrete Masonry Unit Standard".
- All bolts shall be hex head machine bolts with hex head nuts, unless otherwise noted.
- All lock washers shall be helical spring lock washers.

STEEL DECK MINIMUM SECTION PROPERTIES

Deck type	Depth & Gage	Moment of inertia	Positive section modulus	Negative section modulus	Minimum yield strength
Steel decking	1 1/2" x 18 Ga	0.292 in ⁴ /ft	0.318 in ³ /ft	0.327 in ³ /ft	33 Ksi

Note:
Minimum 3 span condition.

WELDING SCHEDULE and STEEL DECK PROFILE

Steel deck profile	1/2" Diameter puddle weld			Diaphragm shear capacity
	Perpendicular supports and panel ends	Parallel supports	Side laps	
	7x#12 TEK SDSTS Screws per sheet	#12 TEK SDSTS screws @ 12" OC	#10 TEK SDSTS screws @ 12" OC	615 lb/ft

A STEEL DECK NOTES

MATERIALS

Reinforced concrete: (Ultimate strength design) :
 $f'_c = 3,000$ psi
 $f_y = 60,000$ psi

Reinforced concrete masonry units:
 (Allowable stress design) :
 $f'_m = 1,500$ psi
 $f_y = 60,000$ psi
 Inspection level 1

Structural steel: (Allowable strength design) :
 Wide flange $F_y = 50$ ksi
 Channels, angles & misc. shapes $F_y = 36$ ksi
 Plates $F_y = 36$ ksi
 Hollow structural section (HSS) $F_y = 46$ ksi

Cold Formed Steel: Thickness <= 43 mil $F_y = 33$ ksi
 Thickness > 43 mil $F_y = 50$ ksi

Foundation:
 Soils report dated : Dec 03, 2004
 Allowable soil pressure (DL + LL) : = 2,000 psf

For soil classification, see log of test boring sheets.

DESIGN	BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST1-0
	DETAILS	BY Pete von Savoye			CHECKED Dai Lu		
QUANTITIES	BY	CHECKED	UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	

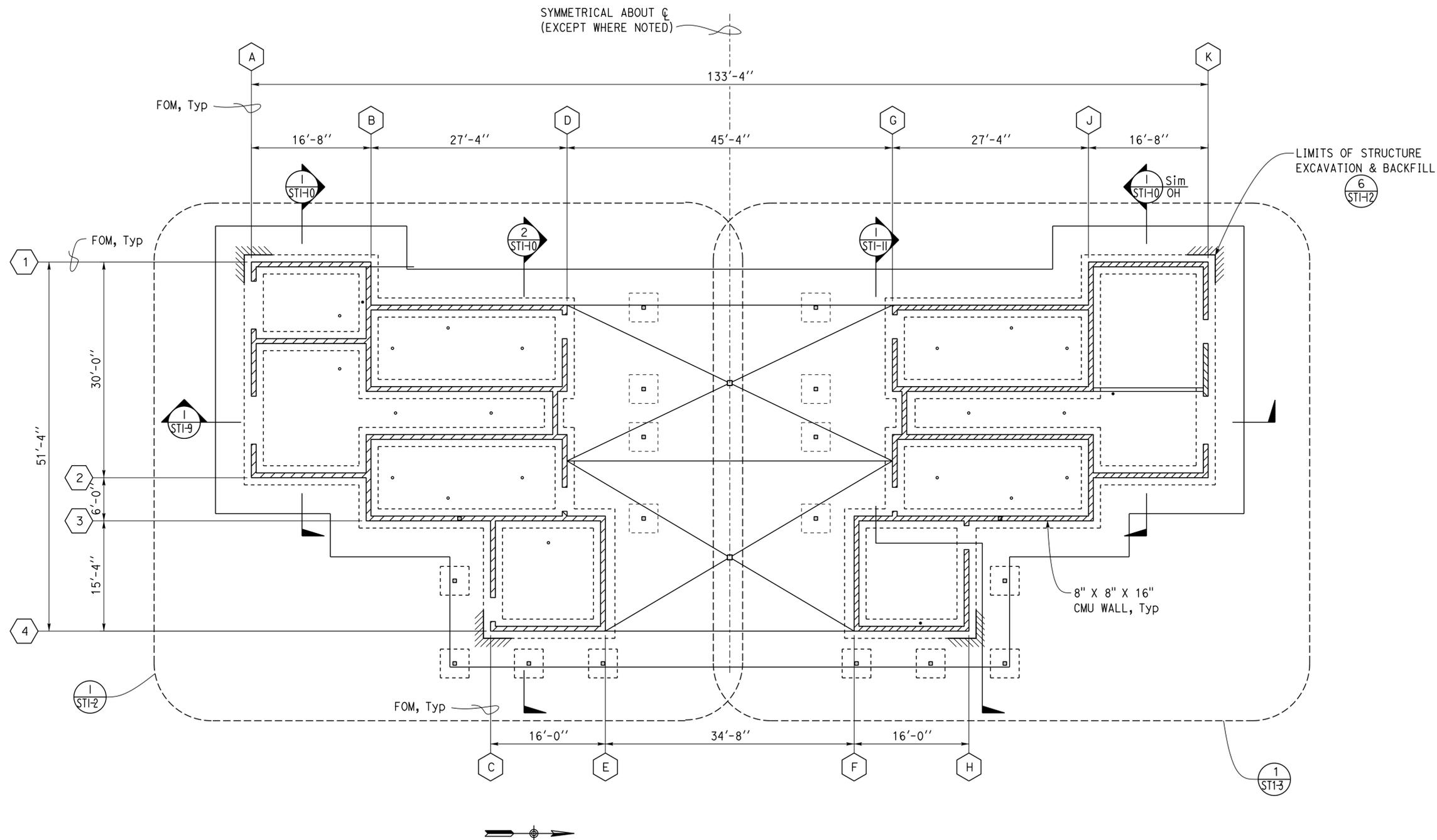
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3
 TAEMWW Imperial Rev. 7/10
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	131	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

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1 FOUNDATION PLAN
SCALE 1/8" = 1' - 0"

Note:
Northbound shown, southbound similar rotated 180°, for CMU control joint location, see **2** ST-3

TAEMWW Imperial Rev. 7/10	DESIGN BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST1-1
	DETAILS BY Pete von Savoye	CHECKED Dai Lu		ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE 10.5		FOUNDATION PLAN
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3599 02000000301	EA 0E3601	REVISION DATES (PRELIMINARY STAGE ONLY)	
				DISREGARD PRINTS BEARING EARLIER REVISION DATES		03-09-10 04-05-10 04-14-10 04-23-10 05-02-10 05-17-10 06-26-10 07-24-10 12-09-13	

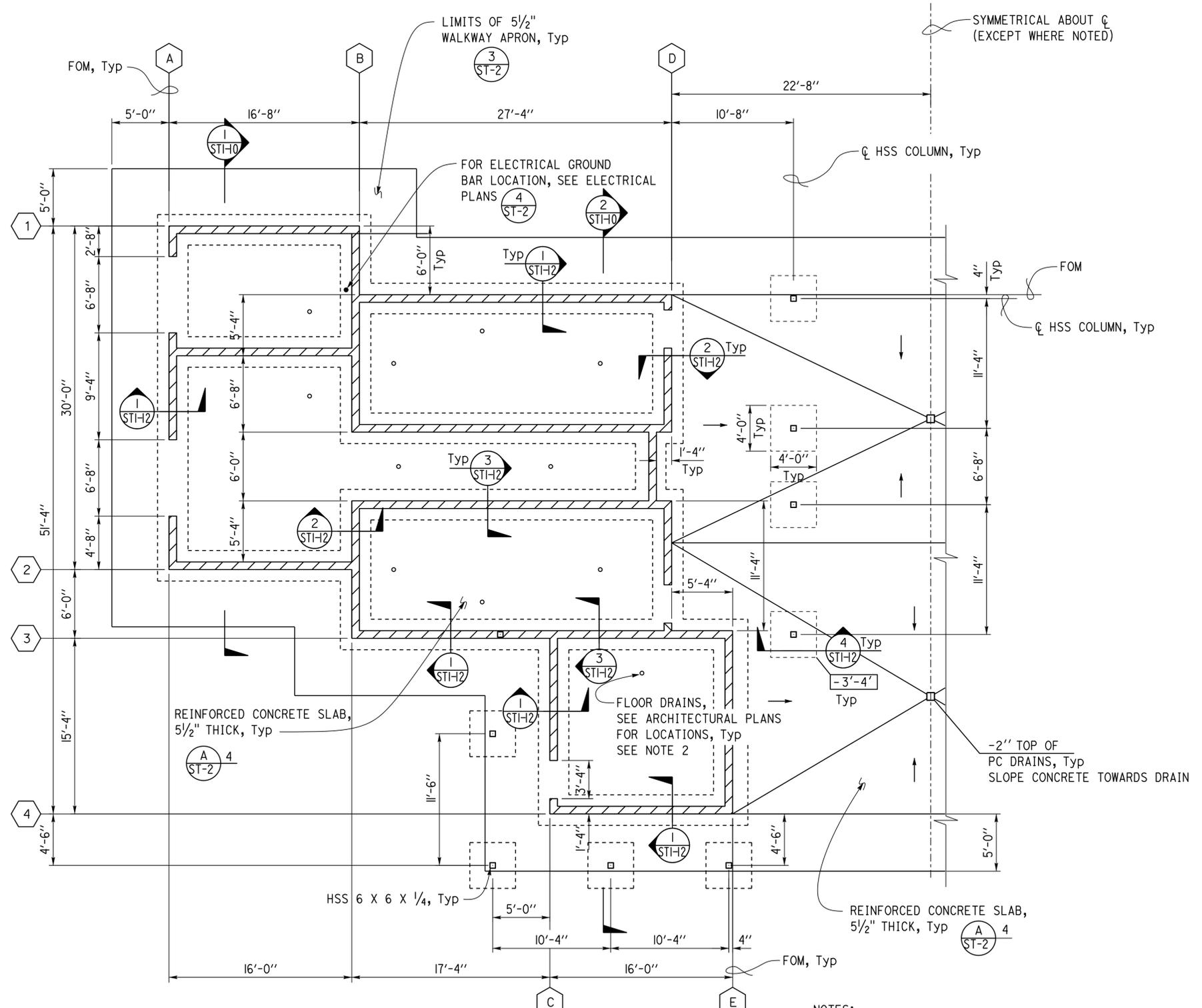
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	132	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

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TOP OF SLAB ELEVATION GIVEN BY CIVIL GRADING PLAN = DATUM 0'-0"

1 PARTIAL FOUNDATION PLAN
SCALE 3/16" = 1' - 0"

- NOTES:**
- For curb layout, see architectural plans.
 - Top of floor drain = -1/2" (Typ) slope concrete towards drain.
 - For CMU control joint location, see (2) ST-3A



DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R002
POST MILE	10.5

CORNING SRRA UPGRADE

PARTIAL FOUNDATION PLAN I

SHEET OF
ST1-2

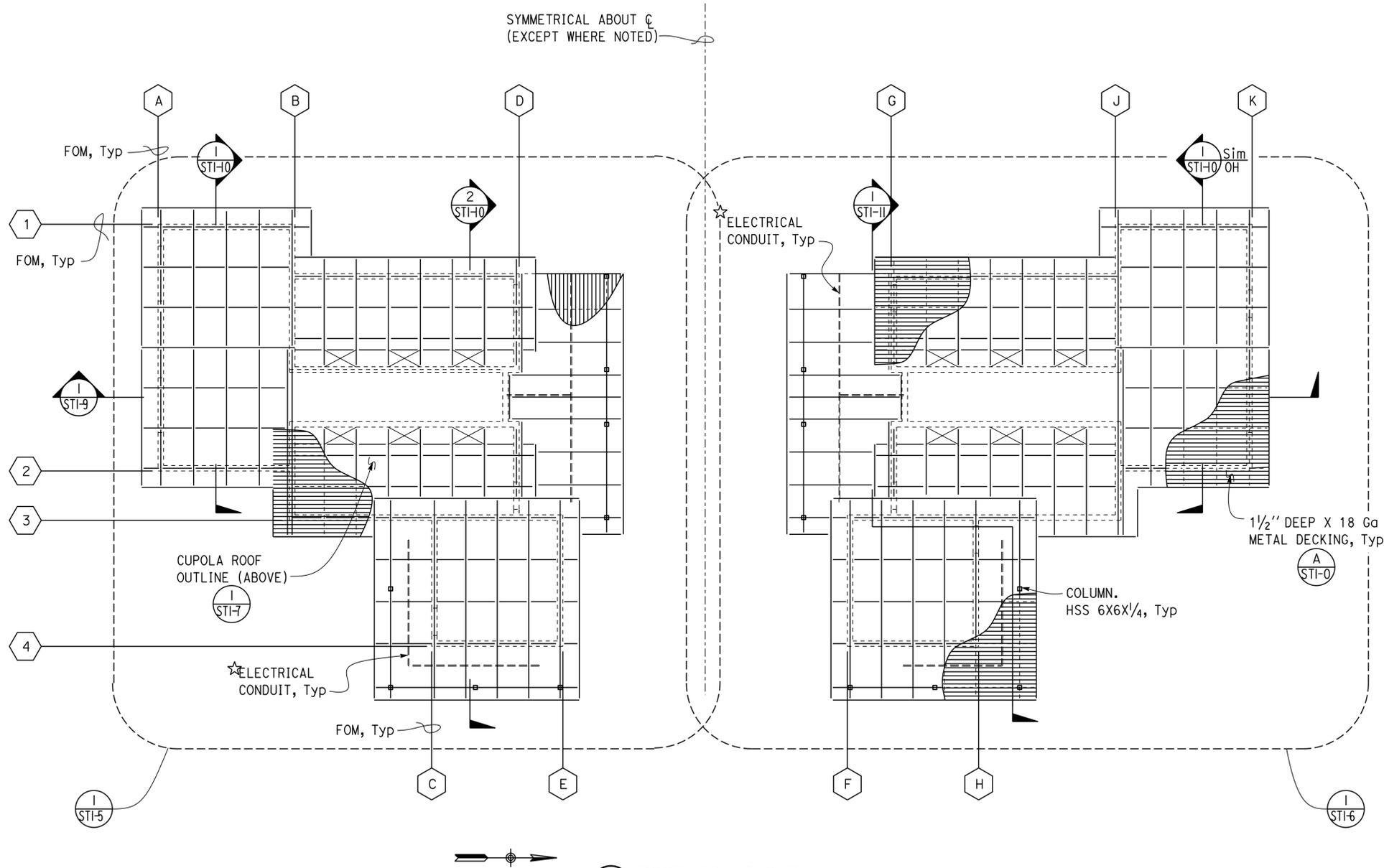
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	134	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

REG. NO. 67416
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

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1 ROOF FRAMING PLAN
SCALE 1/8" = 1' - 0"

DESIGN BY Dai Lu CHECKED Justin Uyehara	DETAILS BY Pete von Savoye CHECKED Dai Lu	QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET OF ST1-4
					POST MILE 10.5		ROOF FRAMING PLAN
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 03-10-10 04-05-10 04-14-10 04-23-10 05-10-10 05-11-10 06-24-10 06-26-13 07-24-13 12-09-13		
TAEMWW Imperial Rev. 7/10		EA 0E3601	D:\CADDuser\Projects\Dist_02\Corning v20150508_PDF\st1_04.dgn		12-MAY-2015 14:07		

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	135	199

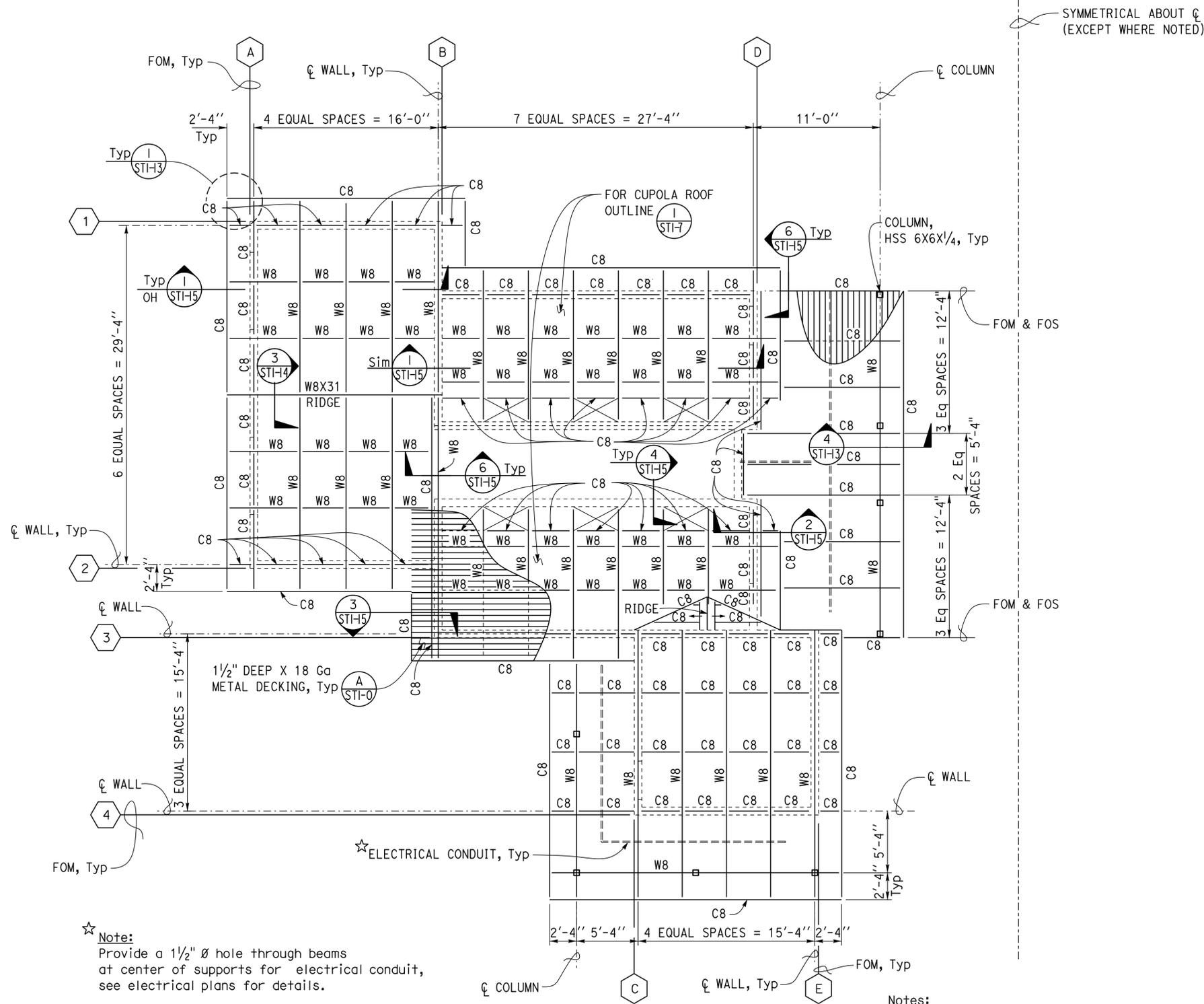
Dai Lu
REGISTERED CIVIL ENGINEER

09-13-13
DATE

REGISTERED PROFESSIONAL ENGINEER
 No. 67416
 Exp. 12-31-16
 CIVIL
 STATE OF CALIFORNIA

4-1-14
PLANS APPROVAL DATE

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☆ **Note:**
Provide a 1/2" Ø hole through beams at center of supports for electrical conduit, see electrical plans for details.

- Notes:**
- All C8's are C8x13.75 and all W8's are W8x18 unless otherwise noted.
 - For steel deck openings, see (1) STI-16

1 **PARTIAL ROOF FRAMING PLAN**
SCALE 3/16" = 1' - 0"

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R002	CORNING SRRA UPGRADE	PARTIAL ROOF FRMAING PLAN I	SHEET ST1-5
POST MILE	10.5			

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	136	199

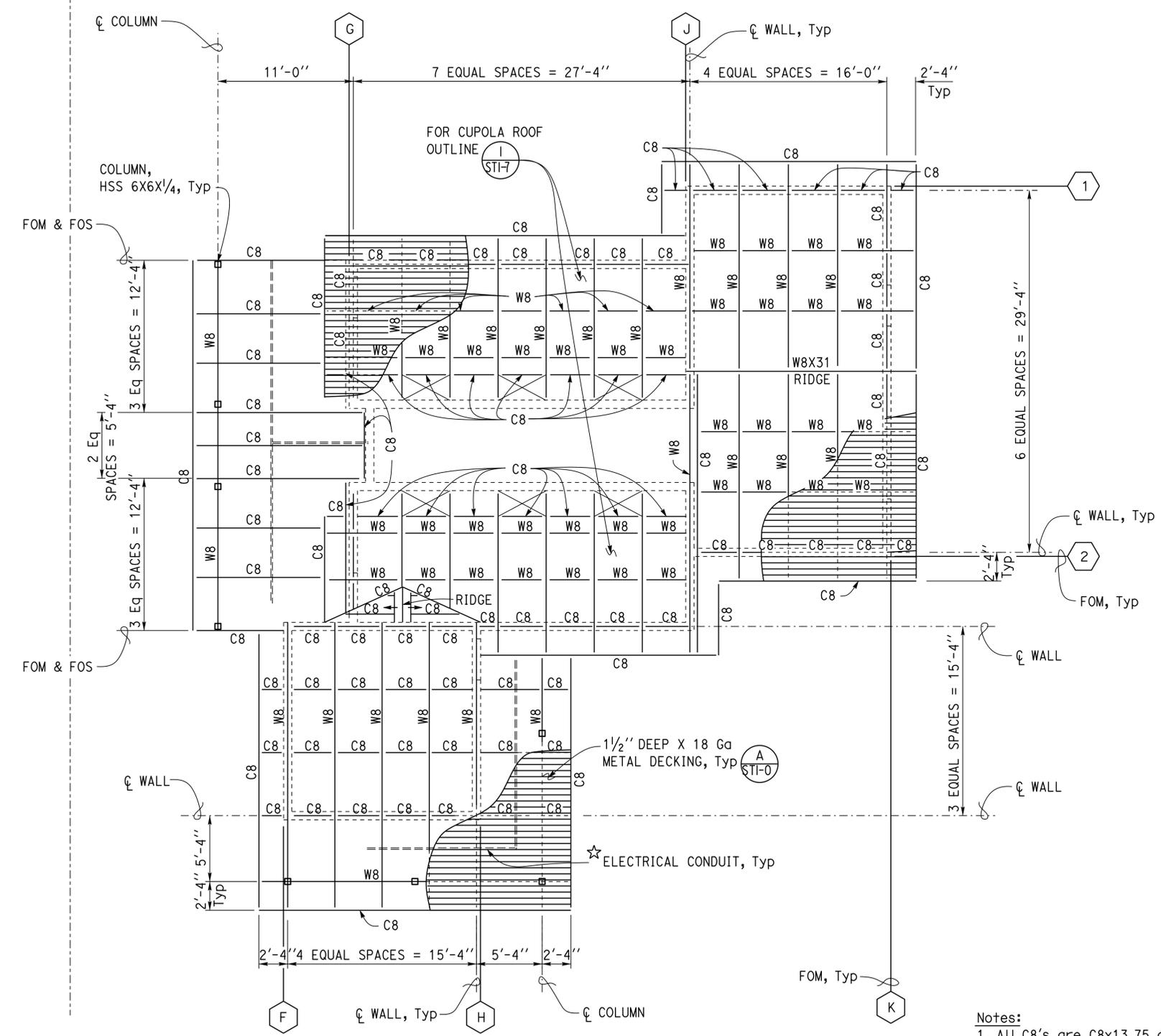
Dai Lu
REGISTERED CIVIL ENGINEER
DATE 09-13-13

REGISTERED PROFESSIONAL ENGINEER
Dai Lu
No. 67416
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

4-1-14
PLANS APPROVAL DATE

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SYMMETRICAL ABOUT G
(EXCEPT WHERE NOTED)



☆ Note:
Provide a 1 1/2" Ø hole through beams at center of supports for electrical conduit, see electrical plans for details.

- Notes:
- All C8's are C8x13.75 and all W8's are W8x18 unless otherwise noted.
 - For steel deck openings, see (A) ST1-0

1 PARTIAL ROOF FRAMING PLAN
SCALE 3/16" = 1' - 0"

DESIGN BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST1-6
				POST MILE 10.5		
DETAILS BY Pete von Savoye	CHECKED Dai Lu	UNIT 3599	PROJECT NUMBER & PHASE 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	07-22-13		04-07-10 04-15-10 05-08-10 05-18-10 05-14-10 06-02-10 06-07-10 06-24-10

TAEMWW Imperial Rev. 7/10

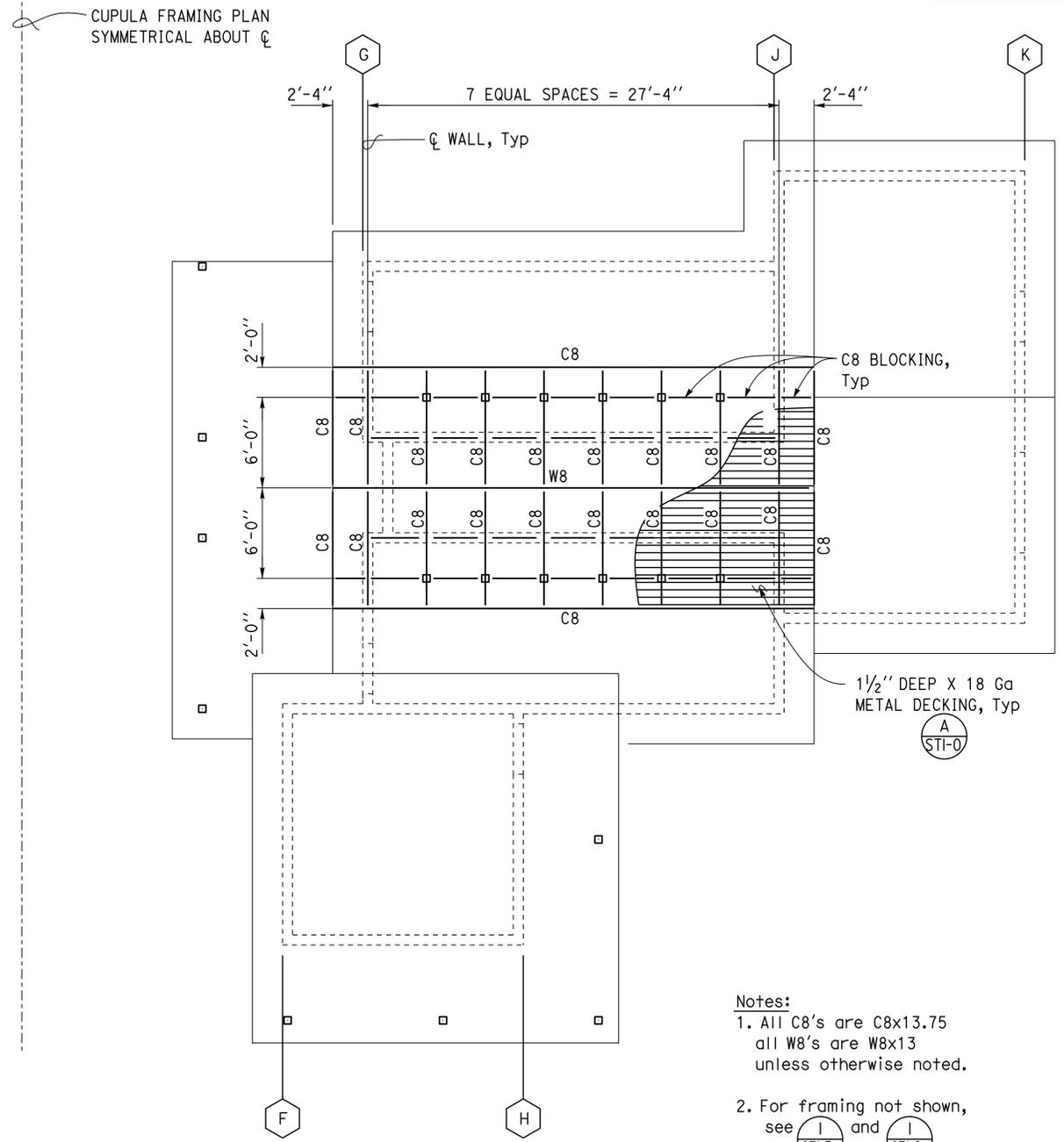
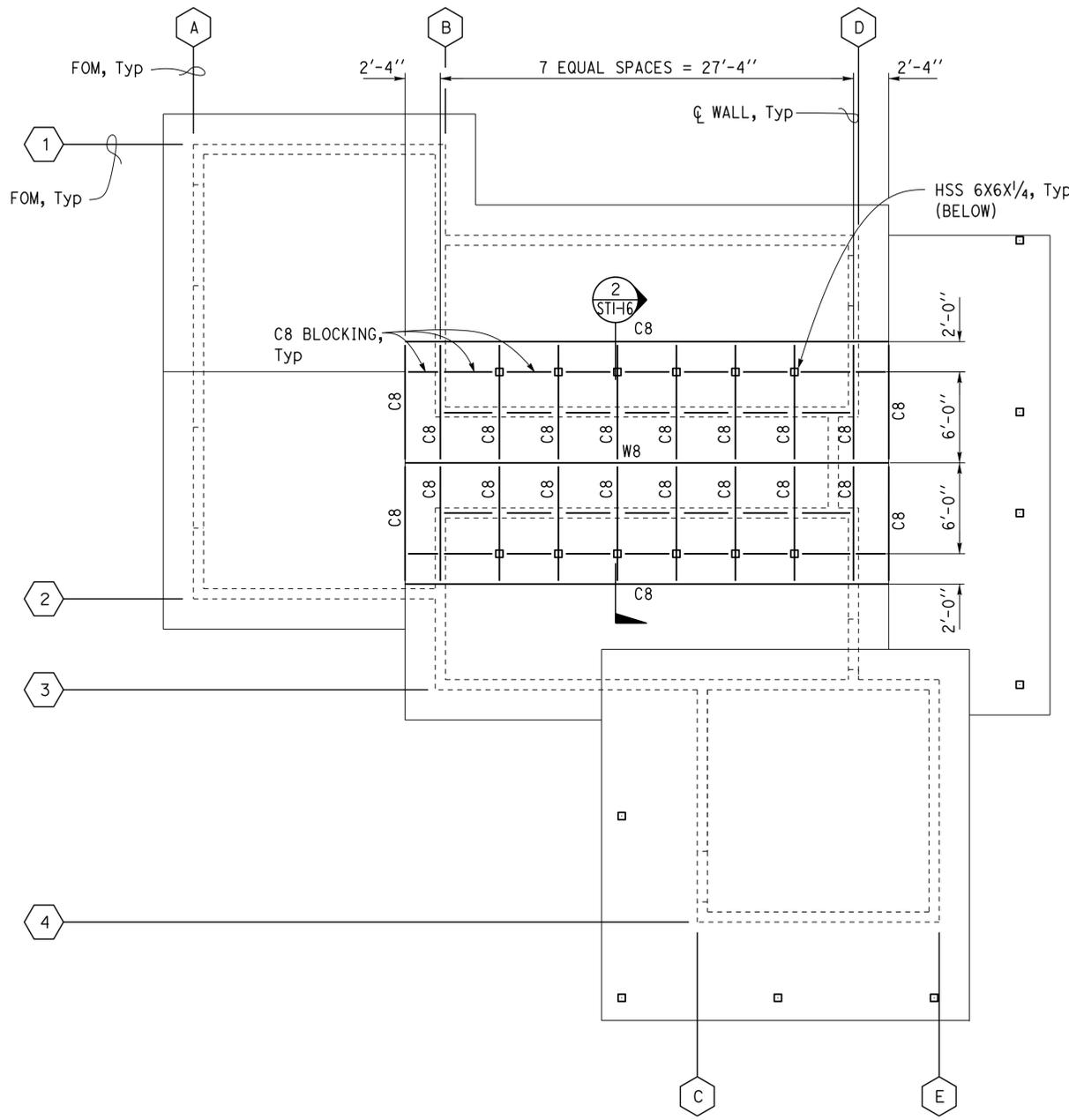
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	137	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

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1 CUPOLA PLAN
SCALE 3/16" = 1' - 0"

- Notes:
- All C8's are C8x13.75
all W8's are W8x13
unless otherwise noted.
 - For framing not shown, see **I** and **I**
STI-5 and **STI-6**

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

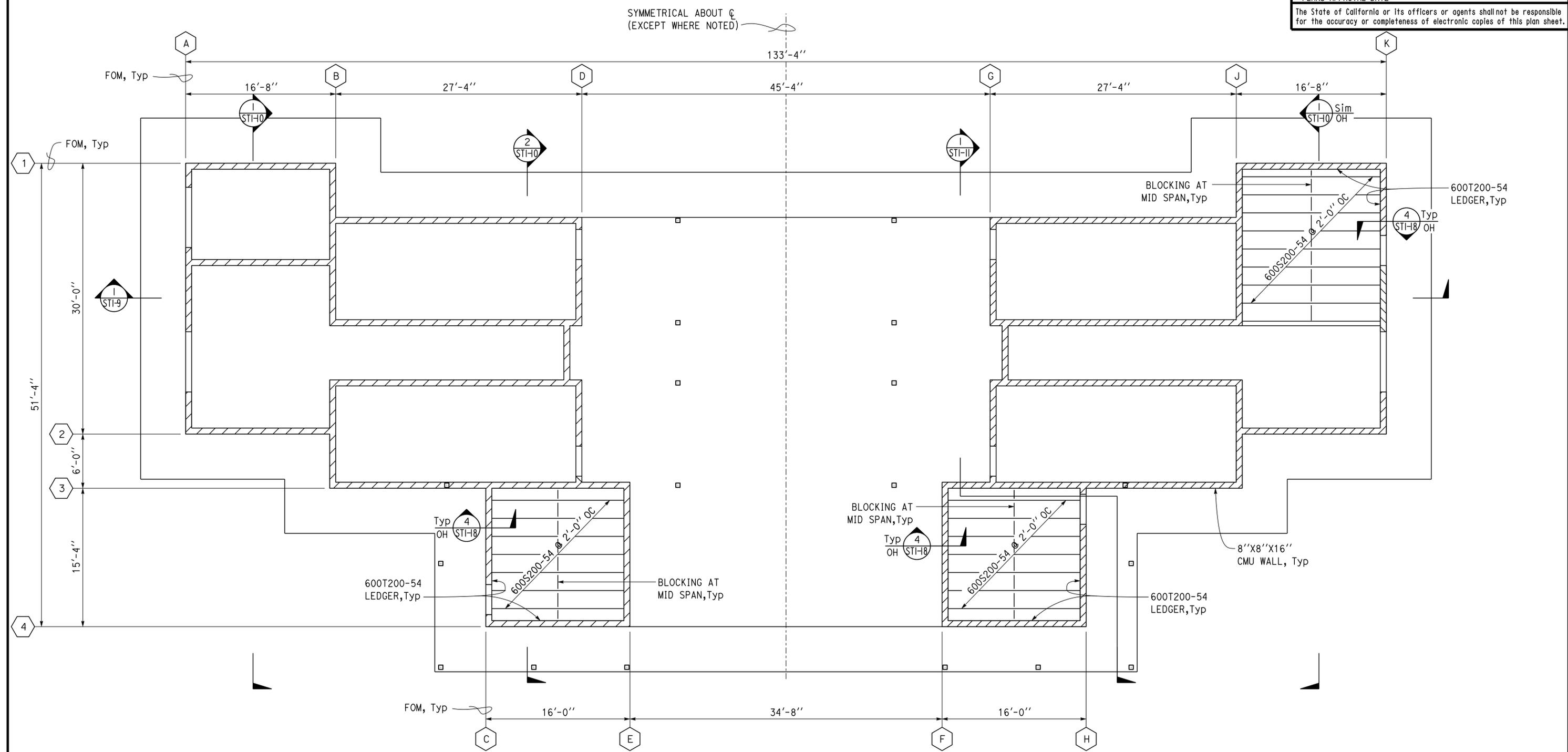
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POST MILE	10.5		
CUPOLA FRAMING PLAN		ST1-7	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	138	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

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1 CEILING FRAMING PLAN
SCALE 3/16" = 1' - 0"

DESIGN BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST1-8
				POST MILE 10.5		
DETAILS BY Pete von Savoye	CHECKED Dai Lu	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
QUANTITIES BY	CHECKED	0 1 2 3	EA 0E3601	07-24-13 12-09-13		

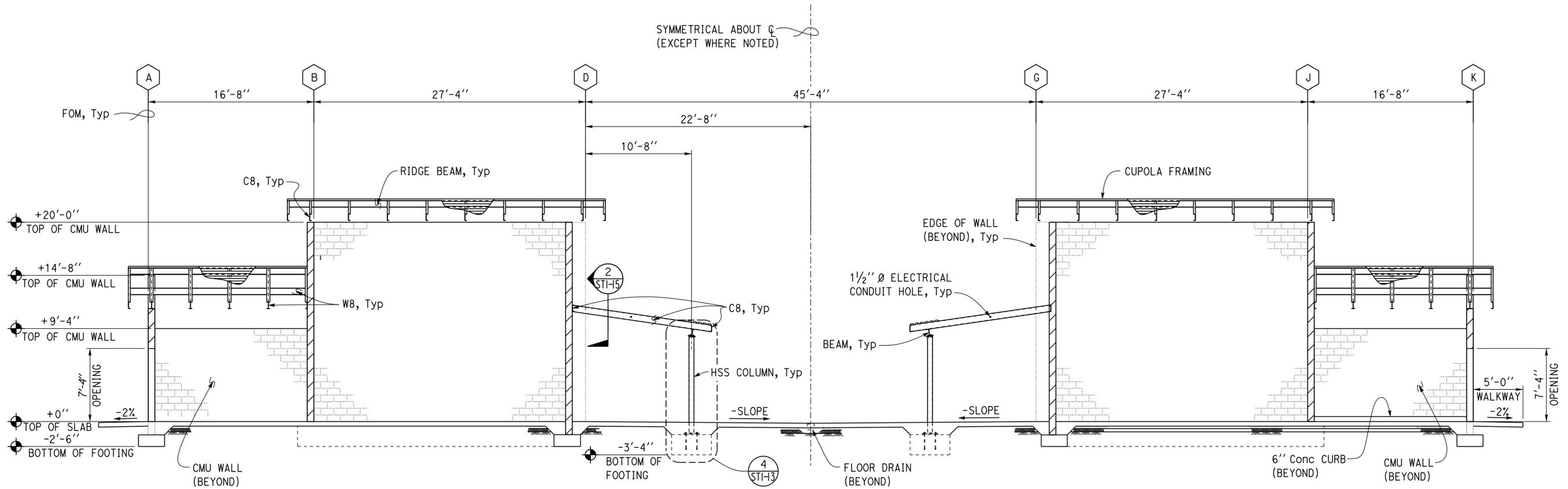
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	139	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

REG. NO. 67416
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

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1 LONGITUDINAL BUILDING SECTION
SCALE 3/16" = 1' - 0"

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

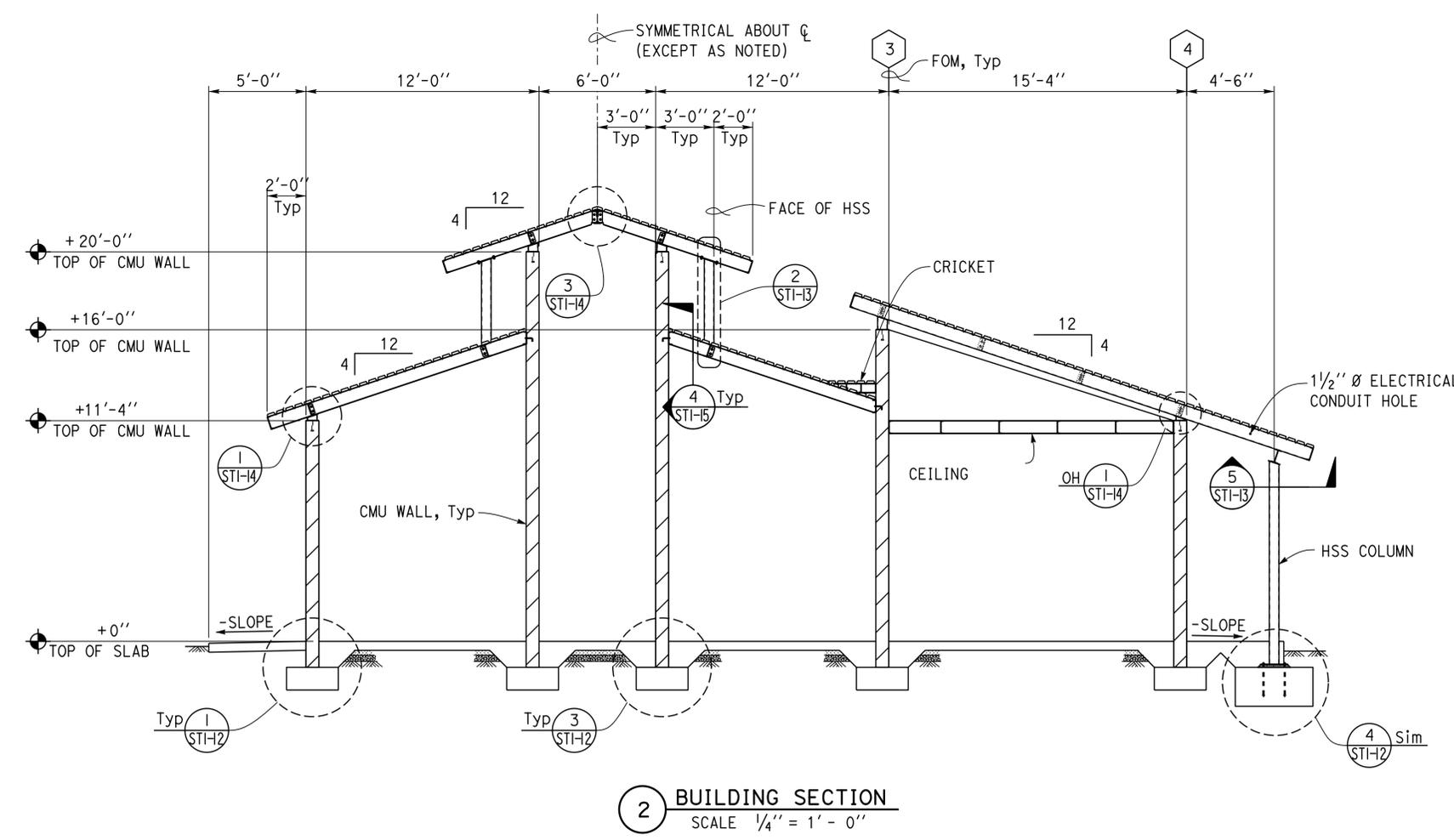
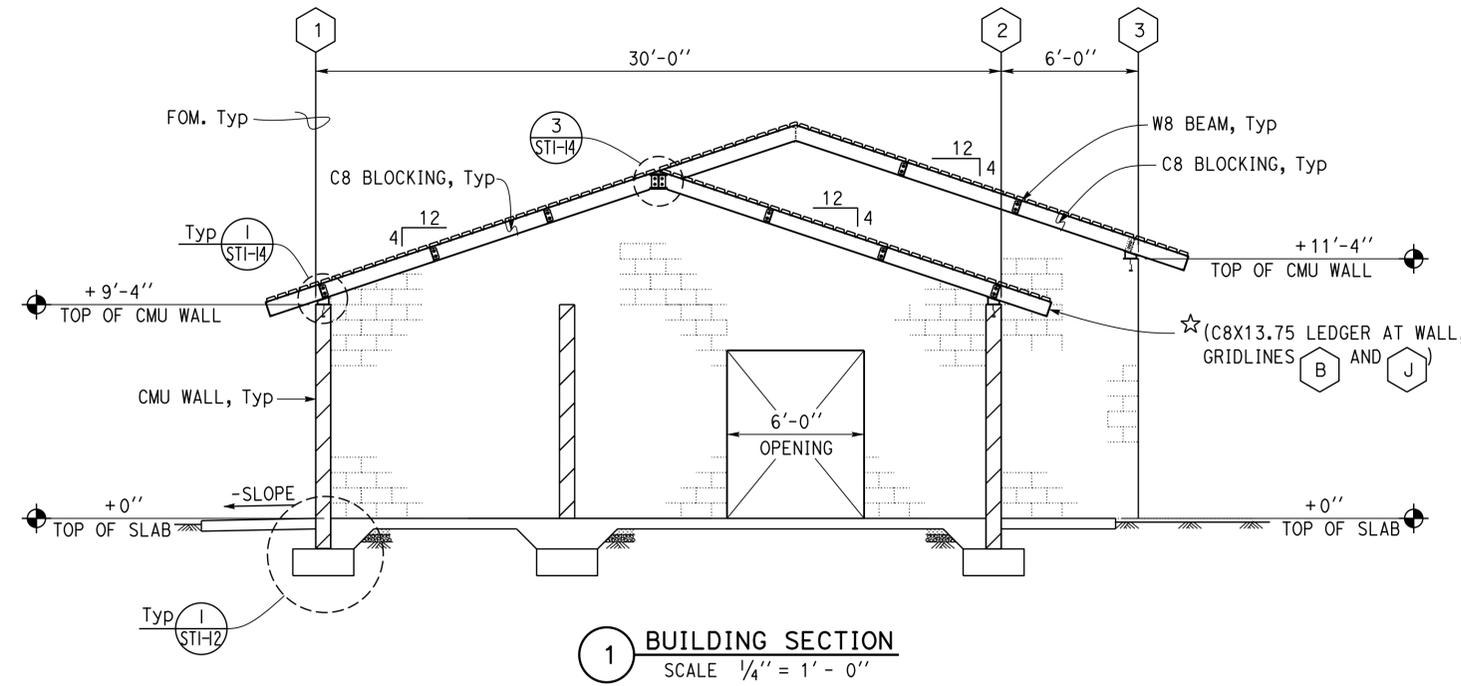
BRIDGE NO.	08R0002	CORNING SRR A UPGRADE	SHEET ST1-9
POST MILE	10.5		
LONGITUDINAL BUILDING SECTION			

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	140	199

Dai Lu 09-13-13
 REGISTERED CIVIL ENGINEER DATE

4-1-14
 PLANS APPROVAL DATE

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DESIGN BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R002	CORNING SRR A UPGRADE	SHEET ST1-10
				POST MILE 10.5		
DETAILS BY Pete von Savoye	CHECKED Dai Lu	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3599 02000000301	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
QUANTITIES BY	CHECKED			03-30-10 04-15-10 04-26-10 06-24-10 07-24-13 12-09-13		
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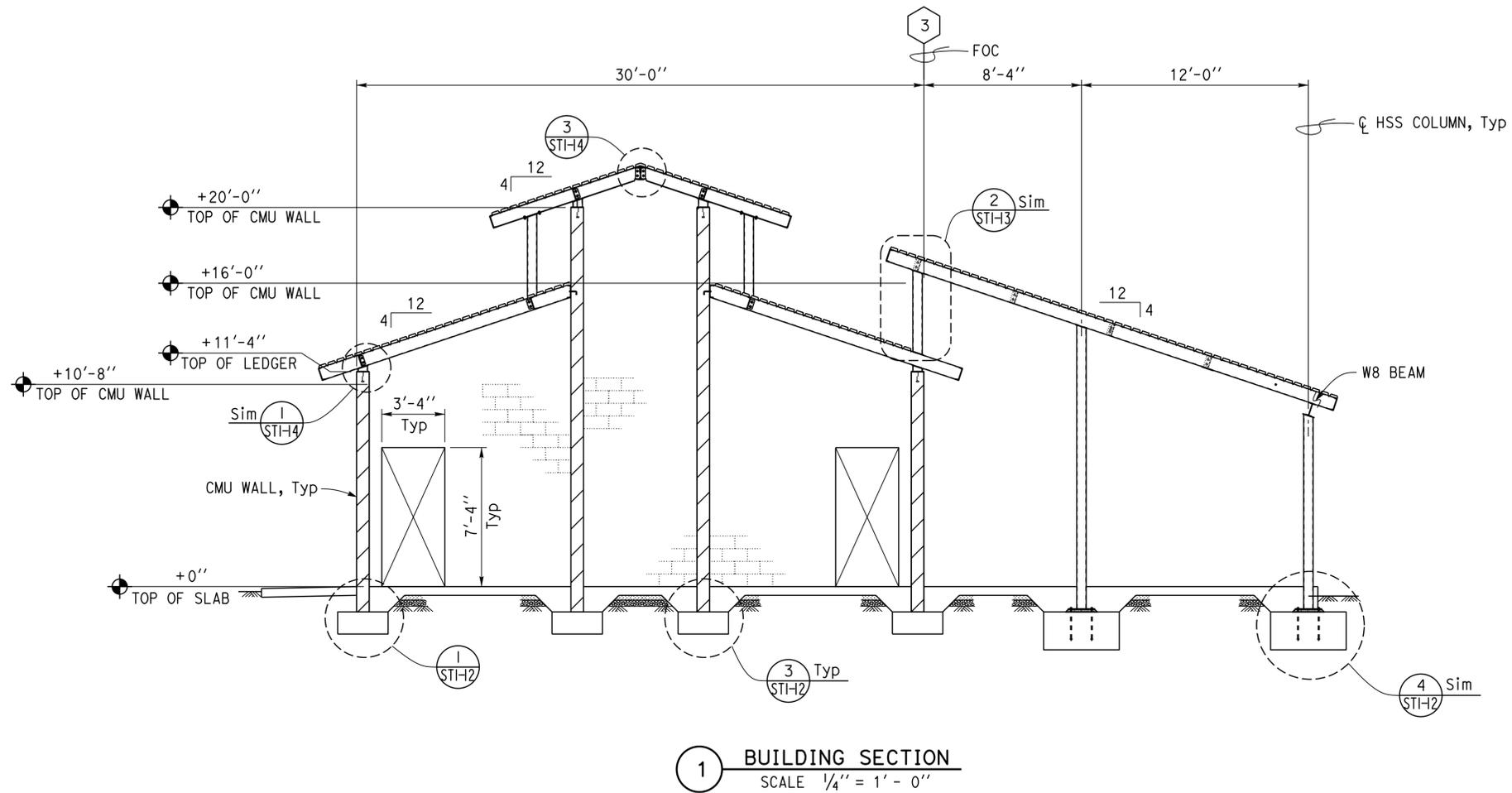
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	141	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

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

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R0002
POST MILE	10.5

CORNING SRRA UPGRADE
TRANSVERSE BUILDING SECTION

SHEET **ST1-11** OF

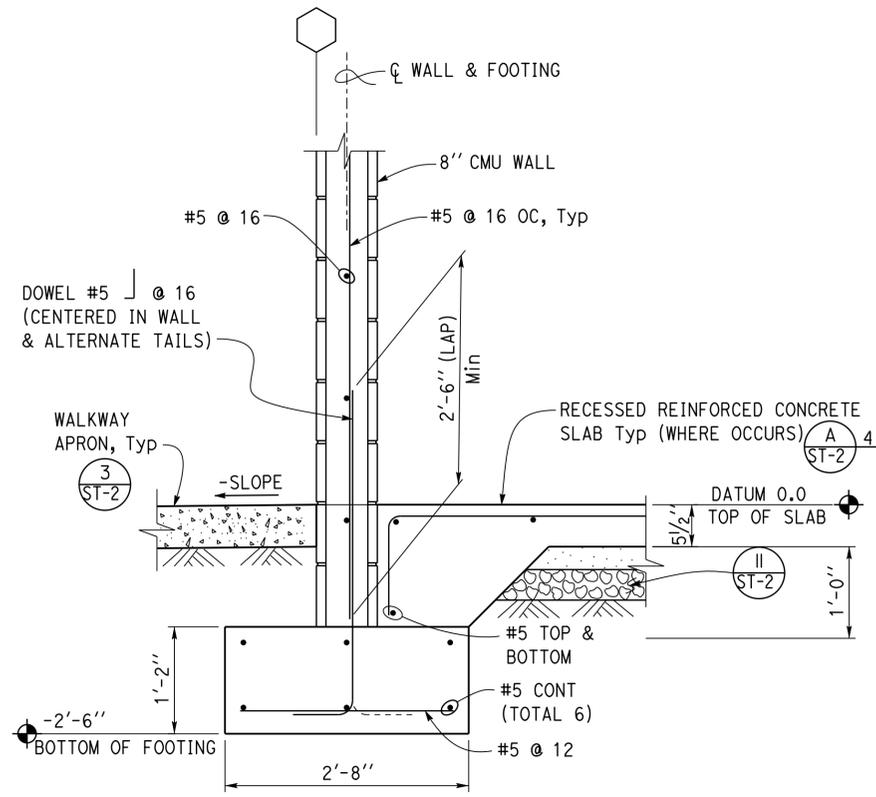
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	142	199

Dai Lu
 REGISTERED CIVIL ENGINEER
 DATE 09-13-13
 PLANS APPROVAL DATE 4-1-14

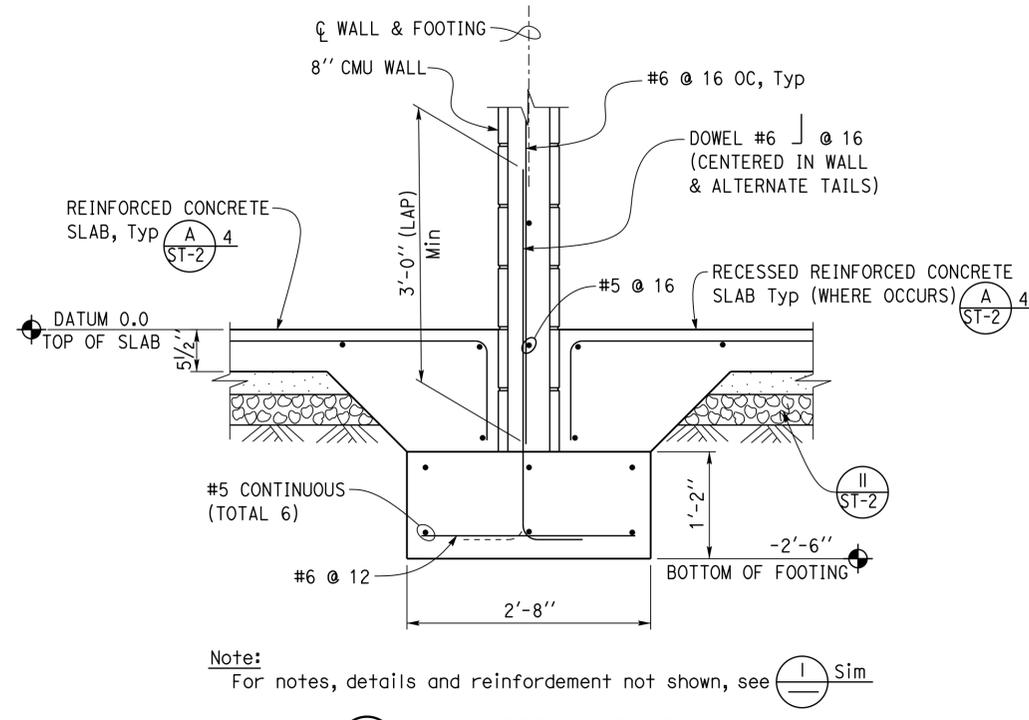
REGISTERED PROFESSIONAL ENGINEER

Dai Lu
No. 67416
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

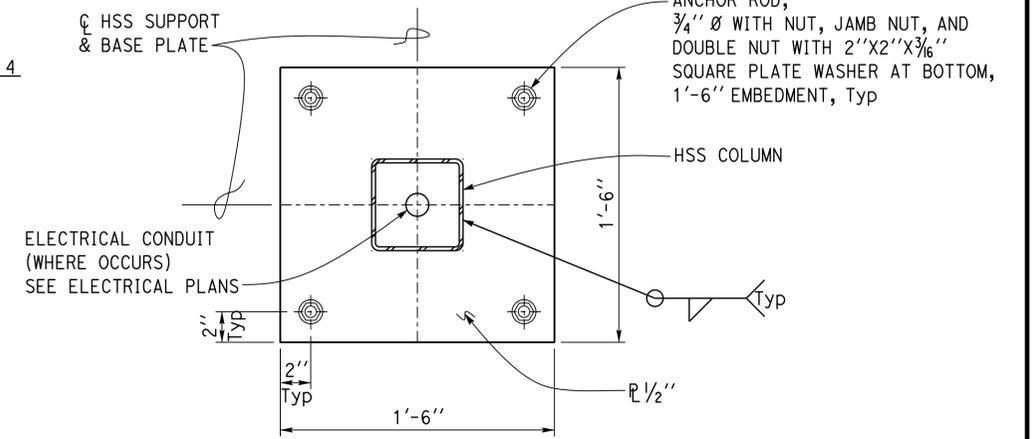
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



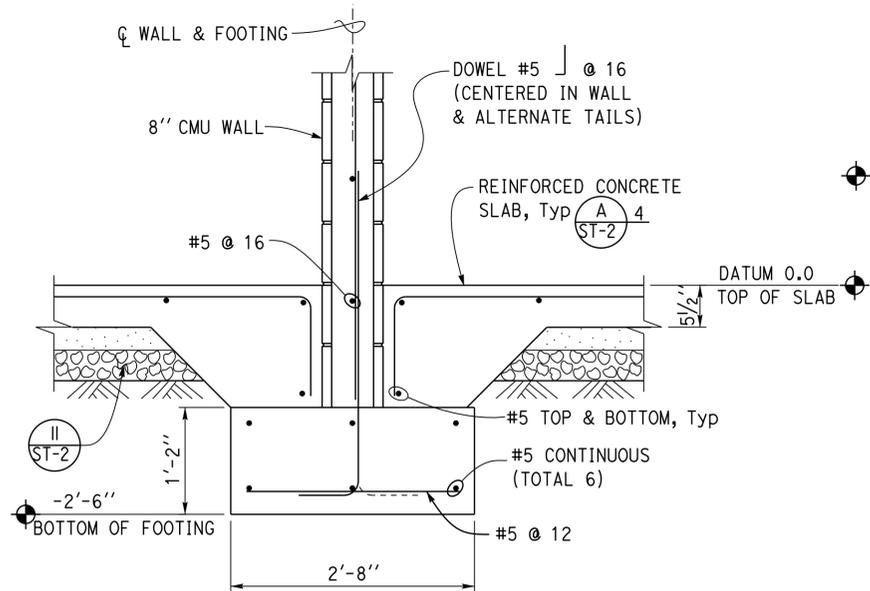
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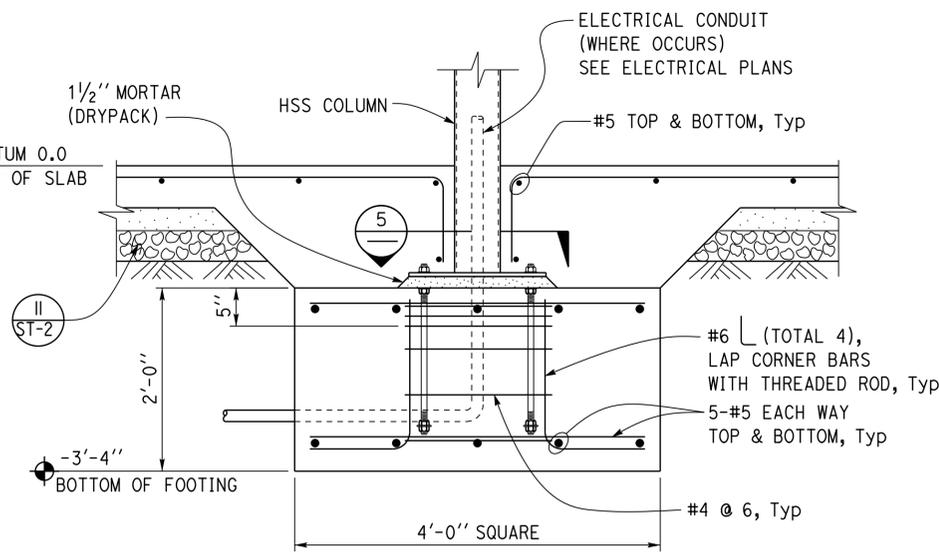
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SCALE 1" = 1' - 0"



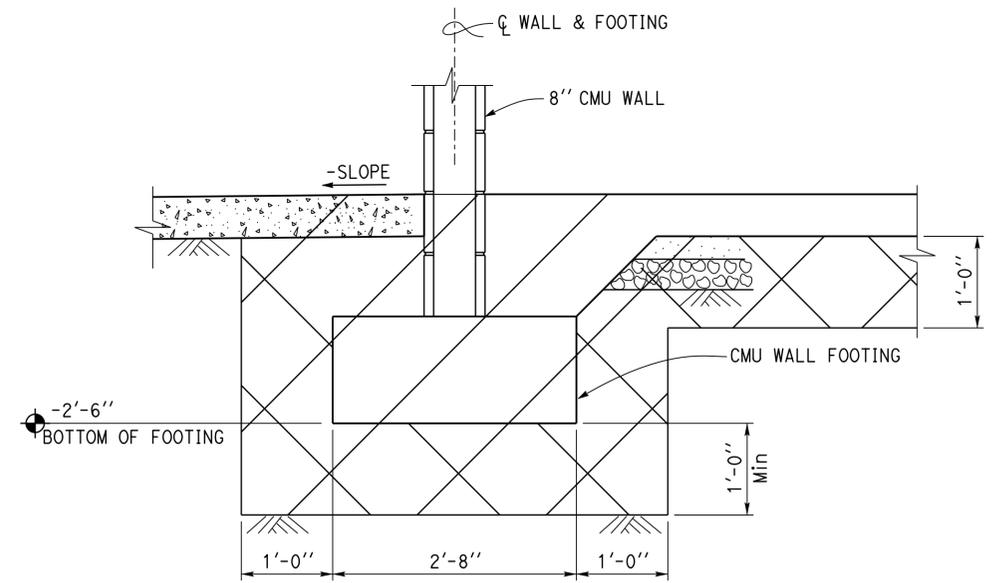
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SCALE 2" = 1' - 0"



2 CMU INTERIOR FOOTING
SCALE 1" = 1' - 0"



4 COLUMN FOOTING DETAIL
SCALE 1" = 1' - 0"



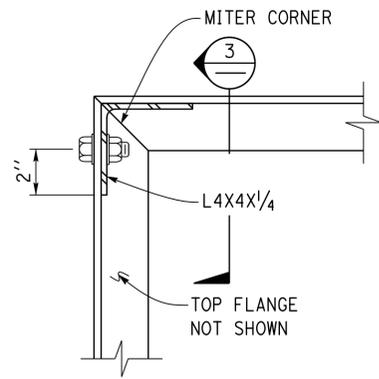
6 STRUCTURE EXCAVATION AND BACKFILL DETAIL
Scale 1" = 1' - 0"

Note: For notes, details and reinforcement not shown, see (I) Sim

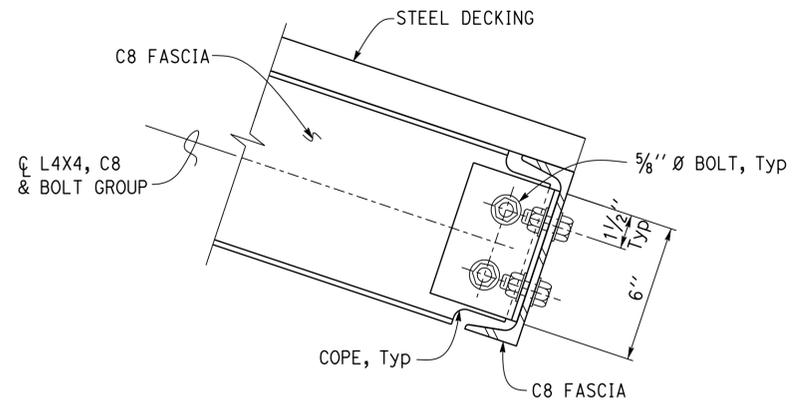
TAEMWW Imperial Rev. 7/10	DESIGN BY Dai Lu CHECKED Justin Uyehara	DETAILS BY Pete von Savoye CHECKED Dai Lu	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002 POST MILE 10.5	CORNING SRRA UPGRADE FOOTING DETAILS	SHEET OF ST1-12
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12-MAY-2015 14:08

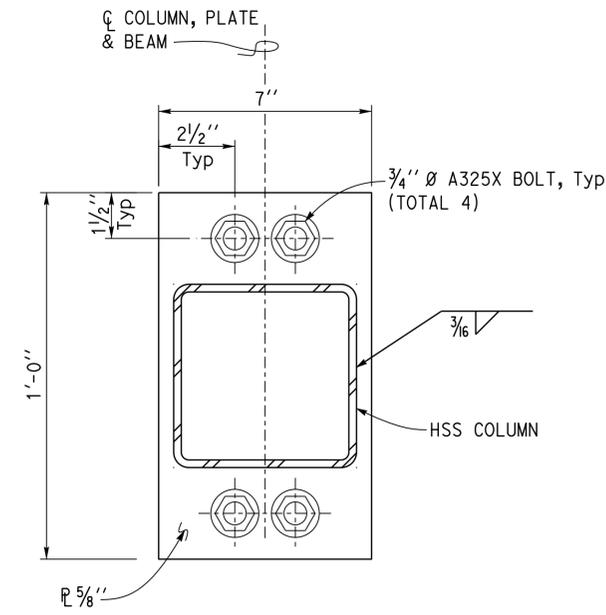
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	143	199
<i>Dai Lu</i>			09-13-13		
REGISTERED CIVIL ENGINEER			DATE		
4-1-14 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



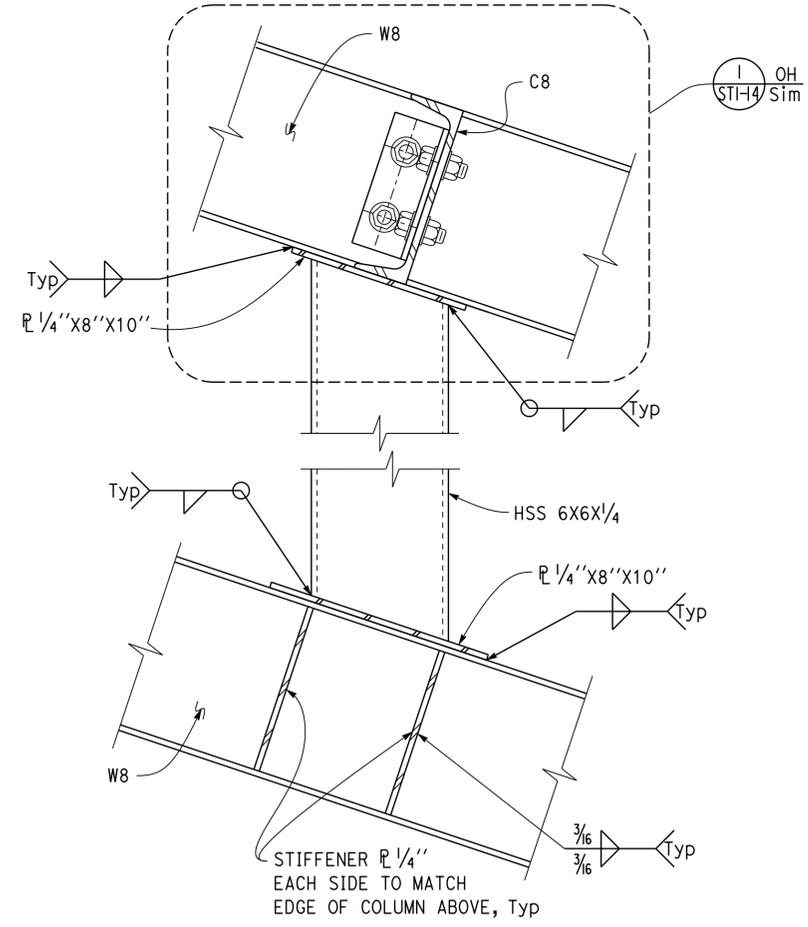
1 FASCIA TO FASCIA PLAN
SCALE 3" = 1' - 0"



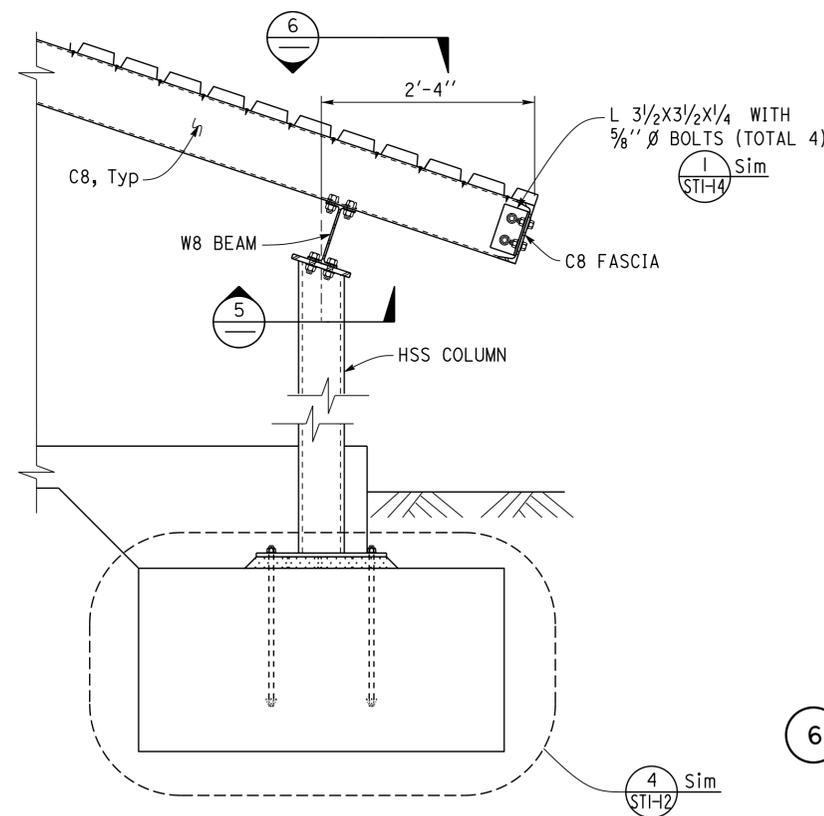
3 FASCIA TO FASCIA SECTION
SCALE 3" = 1' - 0"



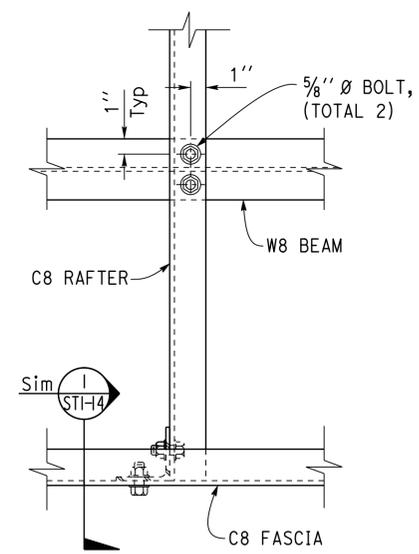
5 COLUMN TOP PLATE DETAIL
SCALE 4" = 1' - 0"



2 ROOF FRAMING DETAIL
SCALE 3" = 1' - 0"



4 CANOPY SECTION
SCALE 1" = 1' - 0"



6 CHANNEL TO BEAM CONNECTION DETAIL
SCALE 2" = 1' - 0"

DESIGN	BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET ST1-13
	DETAILS	BY Pete von Savoye			CHECKED Dai Lu		POST MILE 10.5
QUANTITIES	BY	CHECKED	UNIT PROJECT NUMBER & PHASE EA 0E3601	3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0	1	2	3	04-20-10 04-21-10 04-23-10 05-10-10 06-24-10 06-30-10 07-07-10 07-24-13

12-MAY-2015 14:08

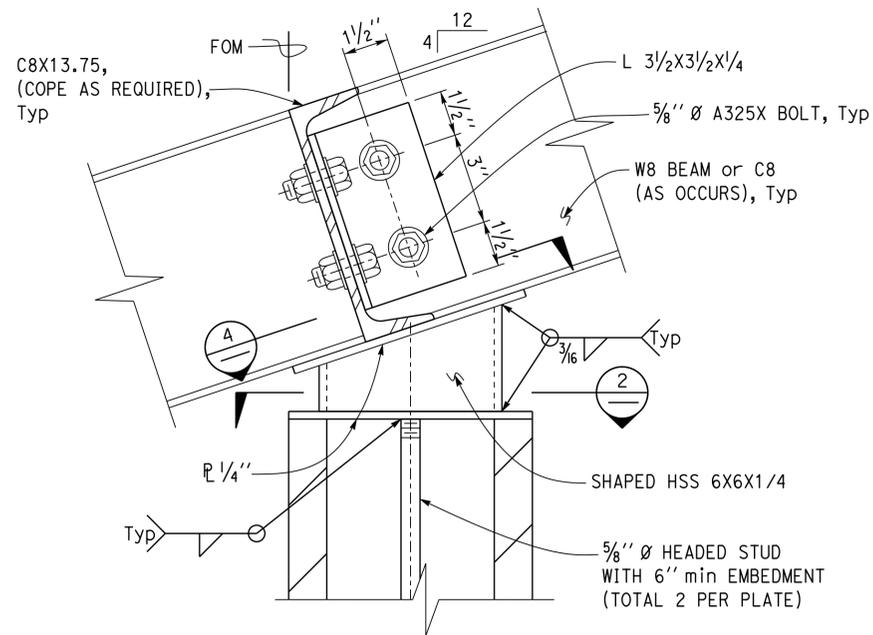
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	144	199

Dai Lu
 REGISTERED CIVIL ENGINEER 09-13-13 DATE

4-1-14
 PLANS APPROVAL DATE

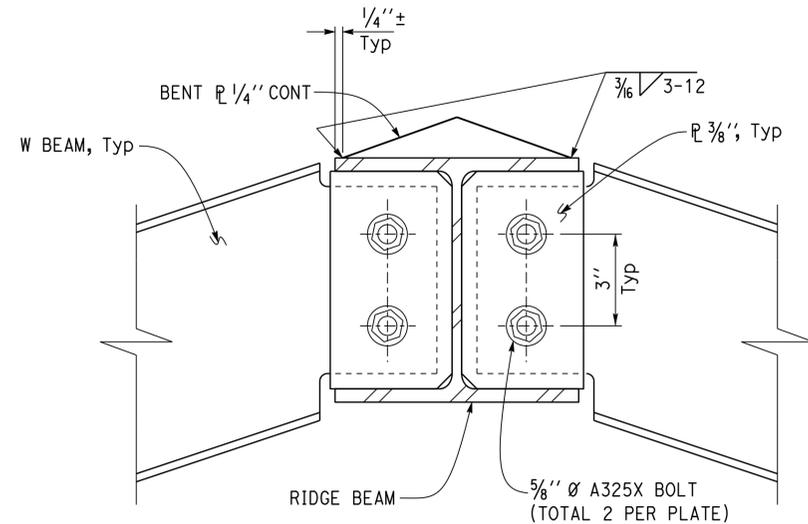
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER
 Dai Lu
 No. 67416
 Exp. 12-31-16
 CIVIL
 STATE OF CALIFORNIA



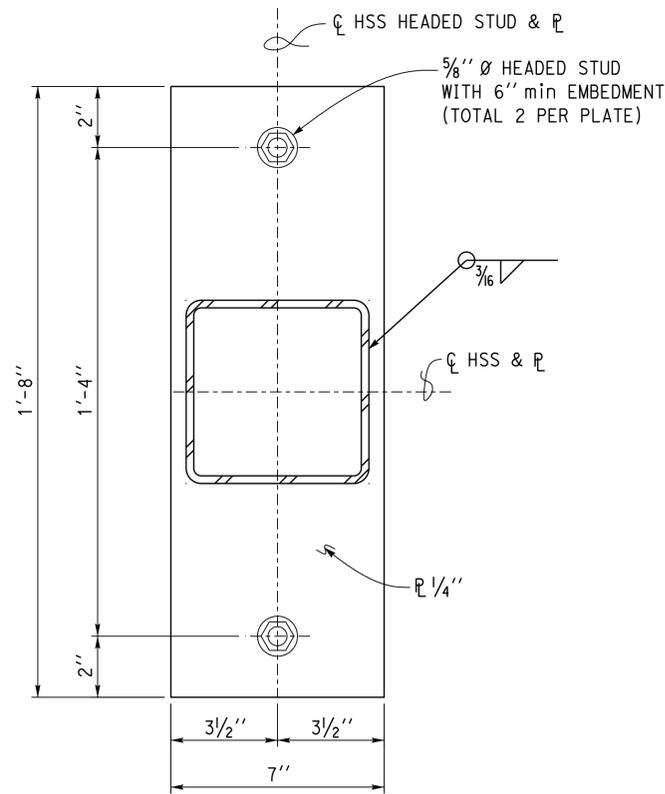
Note:
 Metal decking not shown for clarity.

1 ROOF FRAMING SECTION
 SCALE 4" = 1' - 0"

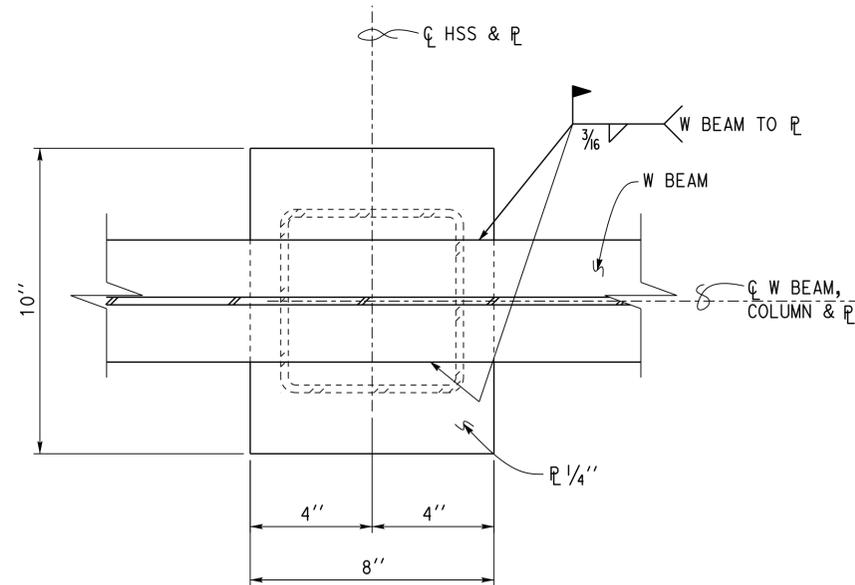


Notes:
 1. For details and notes not shown, see $\frac{1}{STI-15}$ Sim
 2. Metal decking not shown for clarity.

3 RIDGE BEAM DETAIL
 SCALE 4" = 1' - 0"



2 PLAN VIEW
 SCALE 4" = 1' - 0"



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

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

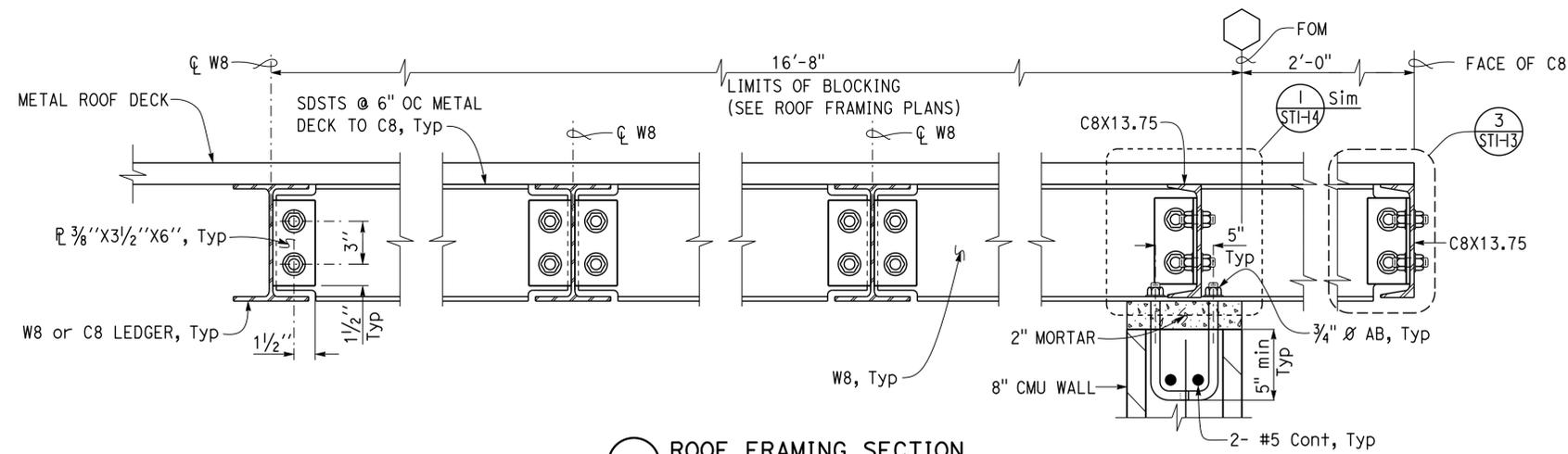
DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R0002
POST MILE	10.5

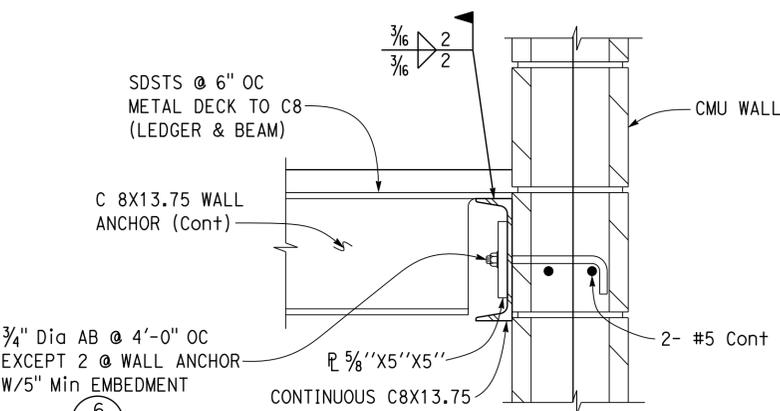
CORNING SRRA UPGRADE
 CONNECTION DETAILS

SHEET
ST1-14

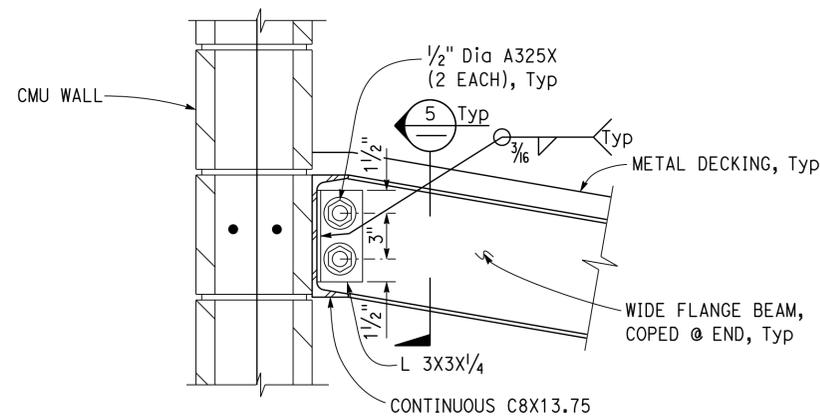
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	145	199
<i>Dai Lu</i> REGISTERED CIVIL ENGINEER DATE 09-13-13					
4-1-14 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



1 ROOF FRAMING SECTION
SCALE 2" = 1' - 0"

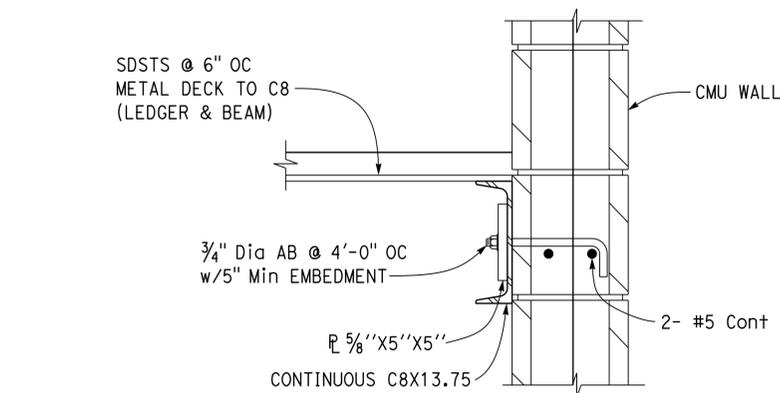


2 WALL ANCHOR
SCALE 2" = 1' - 0"

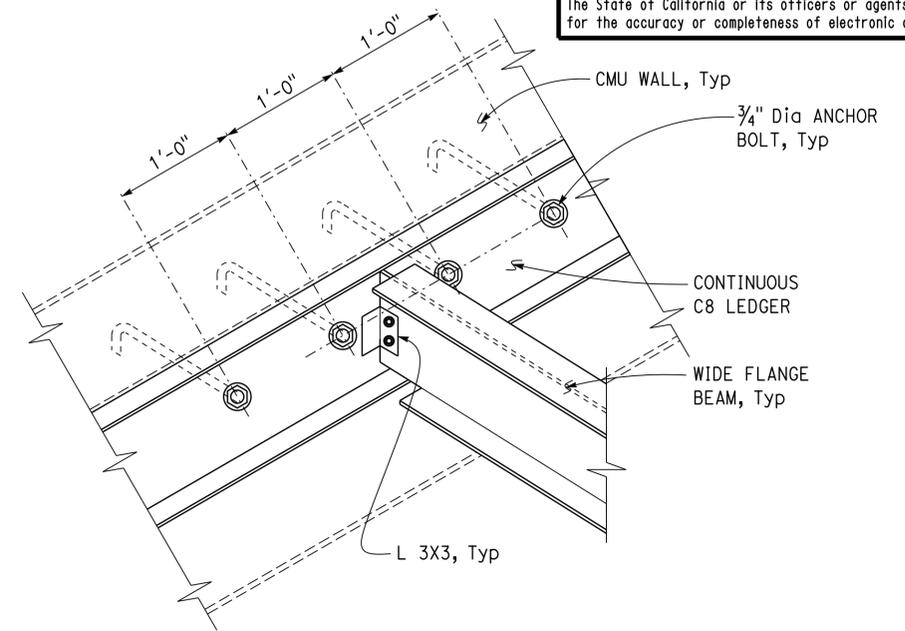


NOTE:
For Details not shown, see (2) Sim

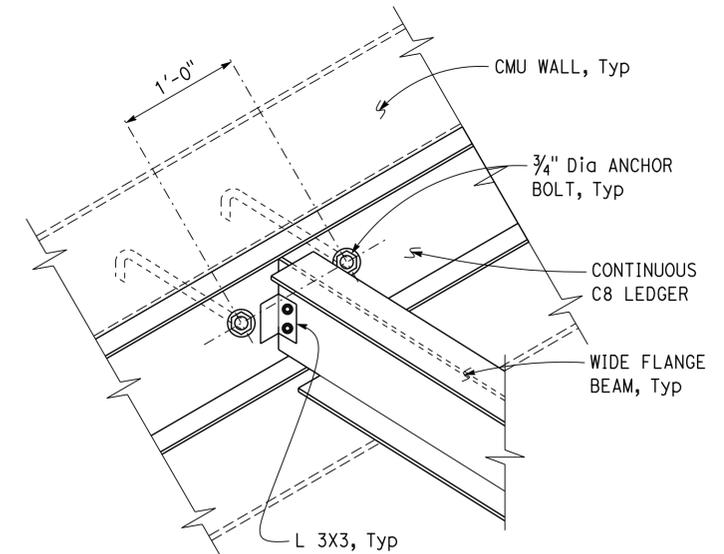
4 BEAM TO CMU WALL CONNECTION DETAIL
SCALE 2" = 1' - 0"



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



5 JOIST TO CMU WALL CONNECTION DETAIL
NO SCALE



6 JOIST TO CMU WALL CONNECTION DETAIL
NO SCALE

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

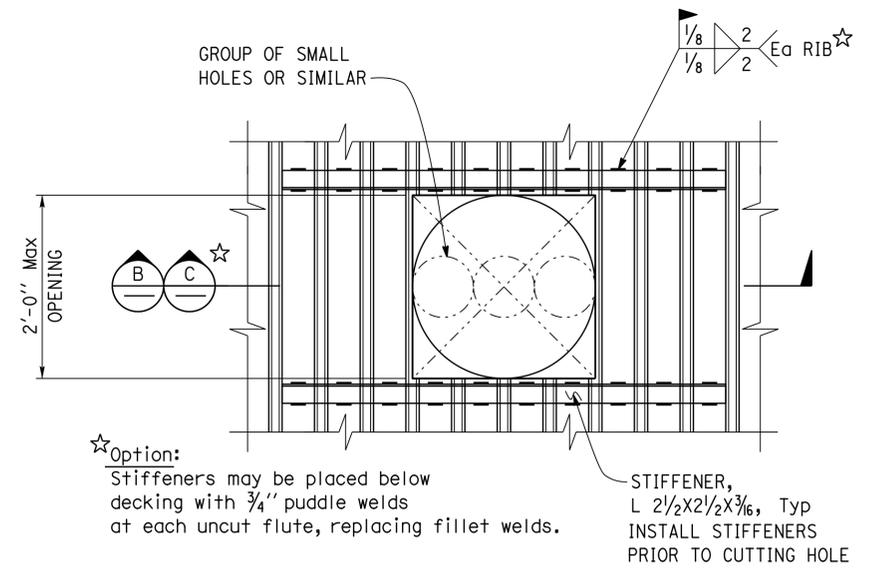
DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R0002
POST MILE	10.5

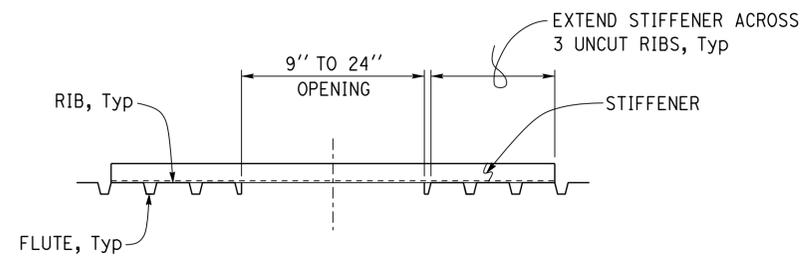
CORNING SRRA UPGRADE
WALL AND PILASTER ANCHOR DETAILS

SHEET **ST1-15** OF

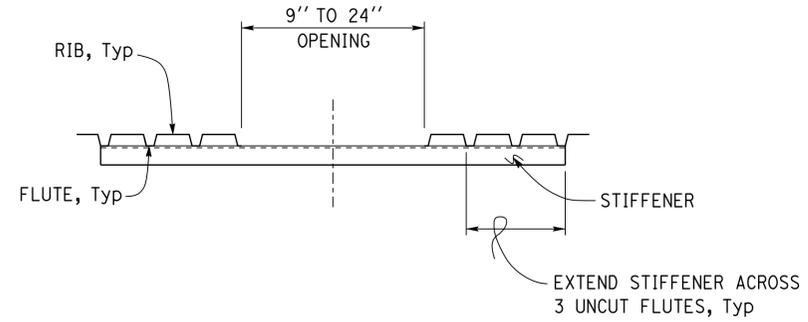
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	146	199
<i>Dai Lu</i> REGISTERED CIVIL ENGINEER			09-13-13 DATE		
4-1-14					
PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



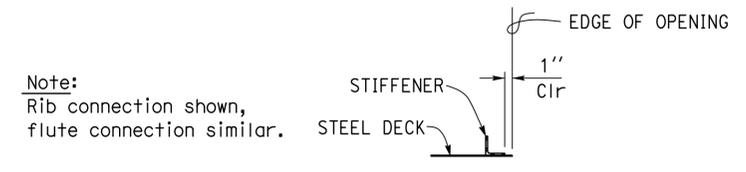
A ROUND OR SQUARE STEEL DECK OPENING PLAN



B STEEL DECK OPENING SECTION

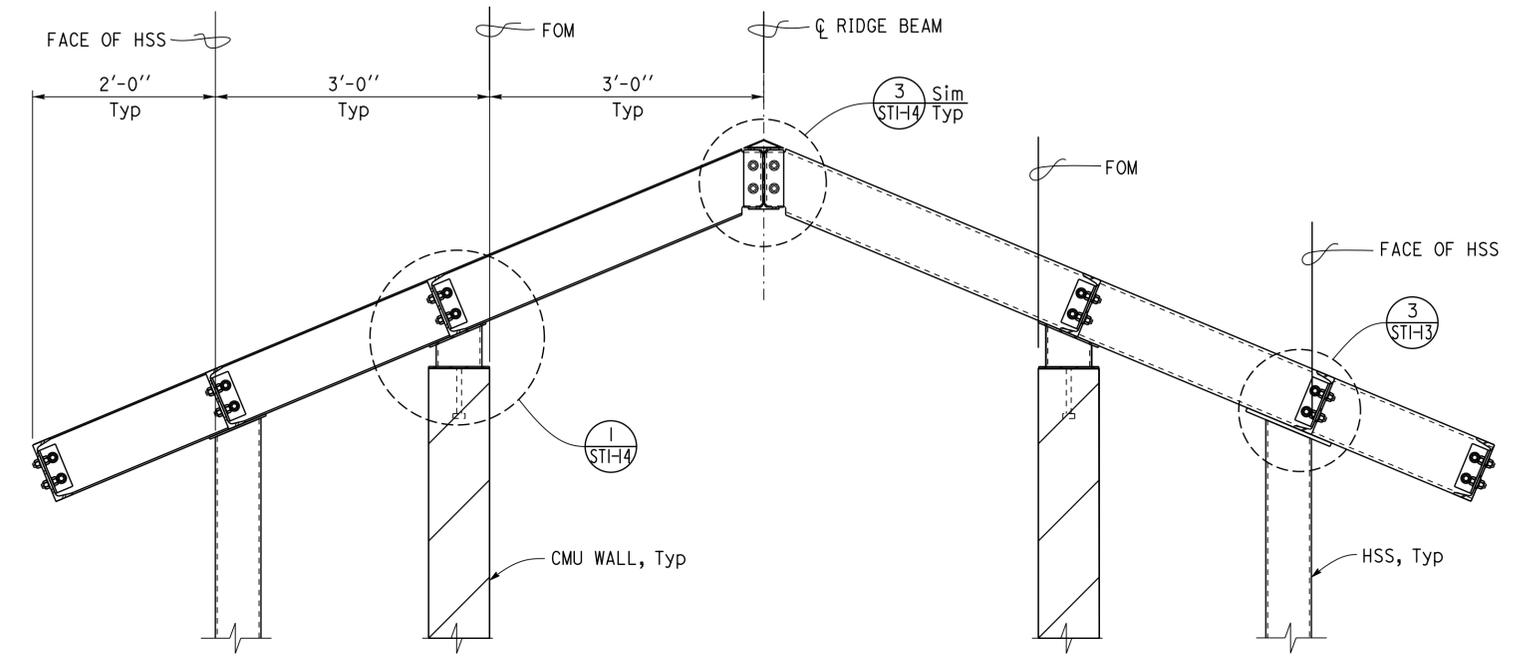


C ALTERNATE STEEL DECK OPENING SECTION



D STEEL DECK OPENING DETAIL

1 STEEL DECK OPENING
NO SCALE



2 CUPOLA FRAMING SECTION
SCALE 1" = 1' - 0"

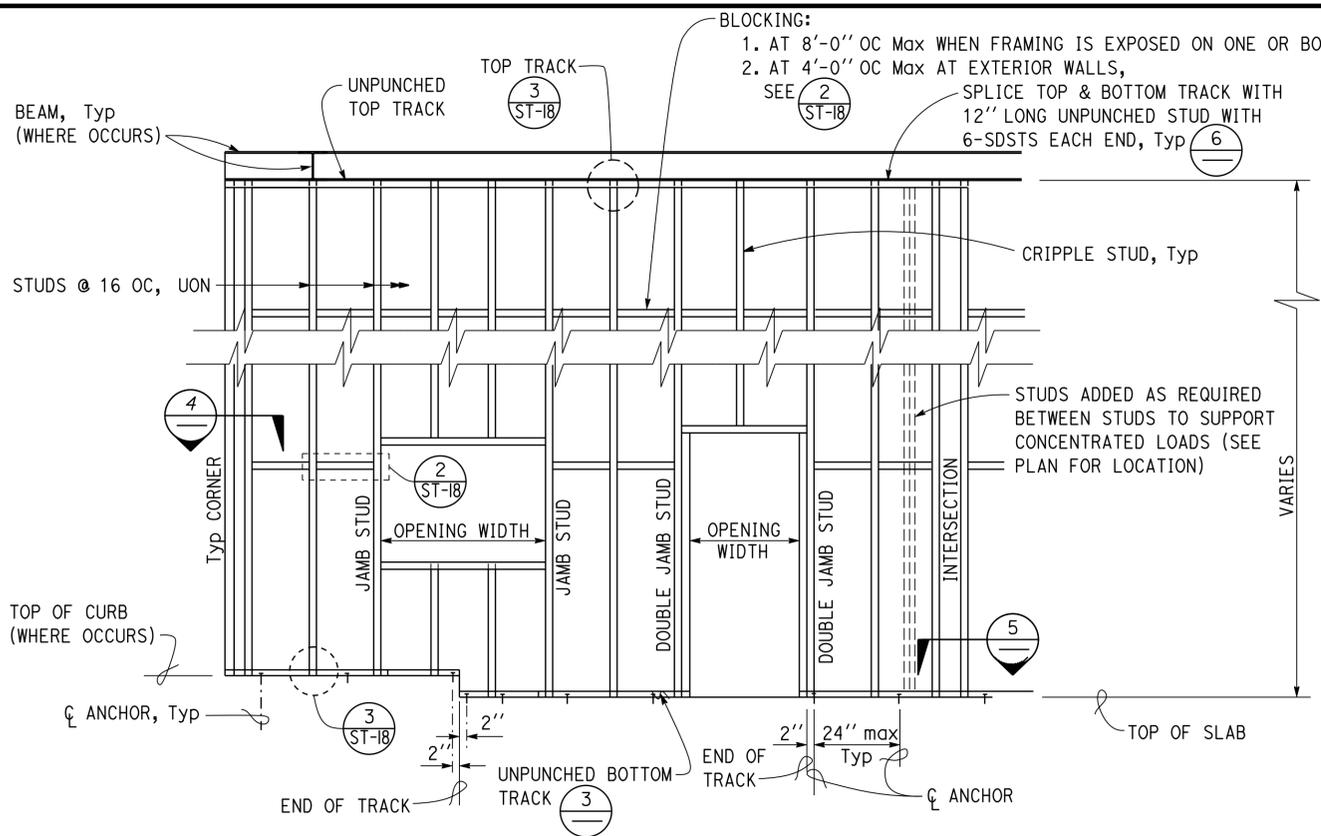
DESIGN BY Dai Lu CHECKED Justin Uyehara DETAILS BY Pete von Savoye CHECKED Dai Lu QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	CORNING SRRA UPGRADE	SHEET OF ST1-16
			08R0002 POST MILE 10.5		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3599 02000000301 EA 0E3601	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 02-16-10 03-23-10 04-15-10 04-23-10 07-24-13		SHEET OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	147	199

REGISTERED CIVIL ENGINEER
 No. 67416
 Exp. 12-31-16
 CIVIL
 STATE OF CALIFORNIA

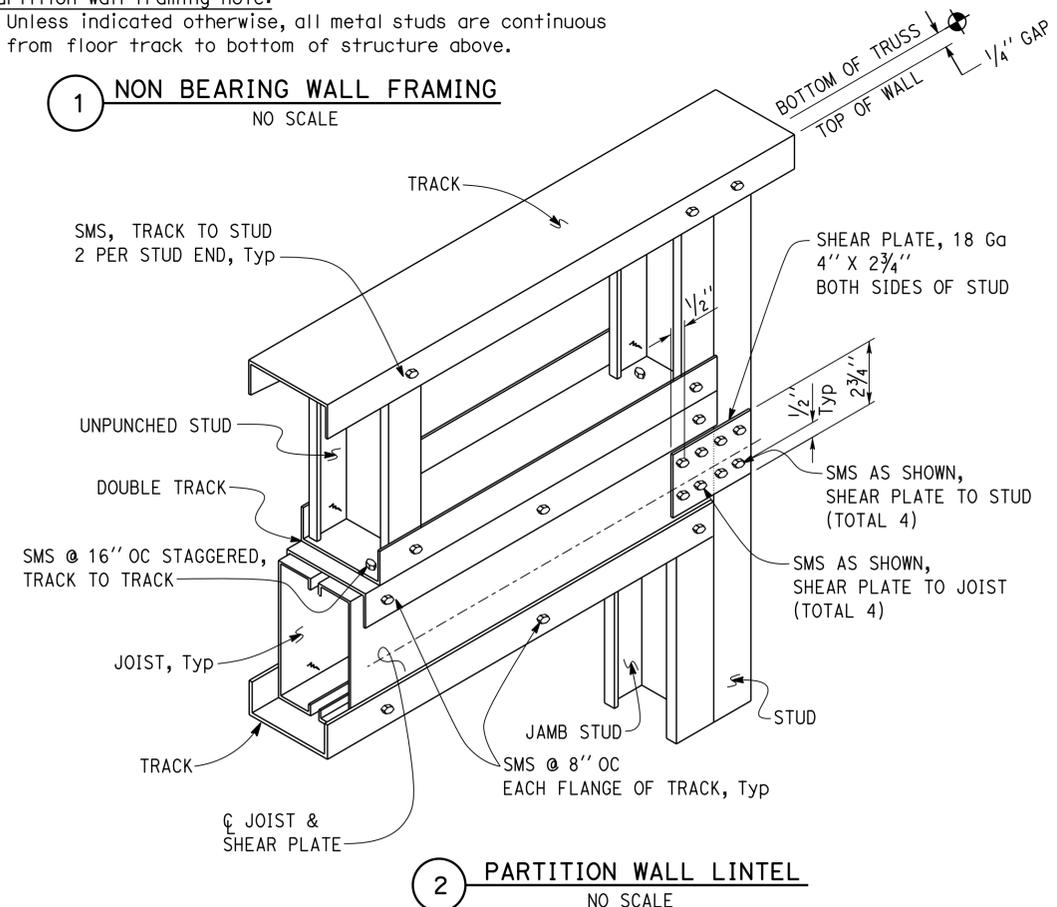
09-13-13
 DATE
 4-1-14
 PLANS APPROVAL DATE

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.

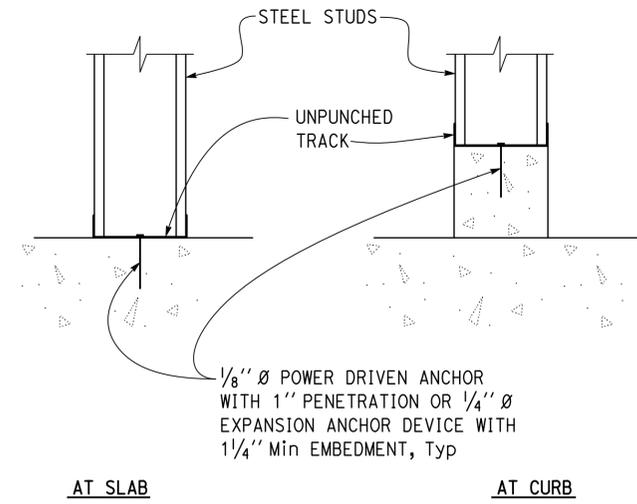


Partition wall framing note:
 Unless indicated otherwise, all metal studs are continuous from floor track to bottom of structure above.

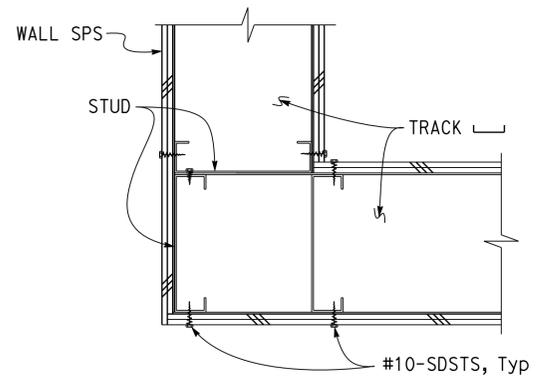
1 NON BEARING WALL FRAMING
 NO SCALE



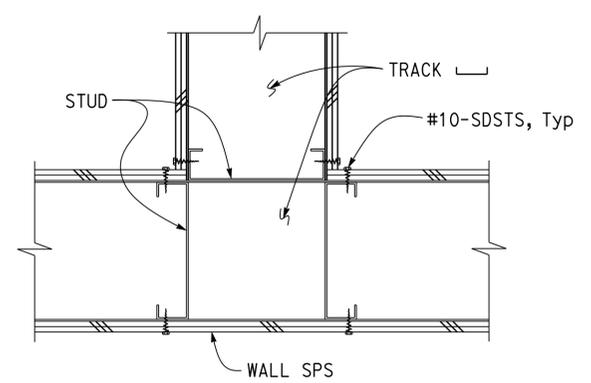
2 PARTITION WALL LINTEL
 NO SCALE



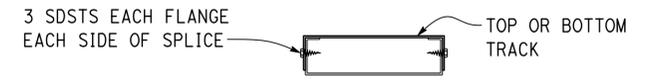
3 BOTTOM TRACK DETAIL
 SCALE 2" = 1' - 0"



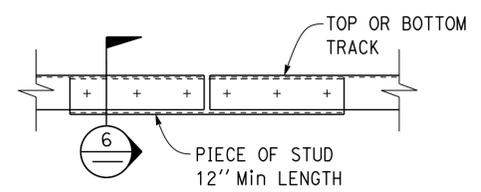
4 CORNER DETAILS
 SCALE 3" = 1' - 0"



5 INTERSECTION
 SCALE 3" = 1' - 0"



6 STEEL TRACK SPLICE
 SCALE 3" = 1' - 0"



7 STEEL TRACK SPLICE
 SCALE 3" = 1' - 0"

A LIGHT GAUGE STEEL SECTION NOTES

Location	Item	Section
Roadside rest area	Stud	600S200-54
	Joist	600S200-54
	Track	600T200-54
	Blocking	600S200-54
	Bridging	600S200-54
	Bracing	600S200-54

Note:
 Section designations shall conform to the metal stud manufacturer's association publication dated June 1992.

B SELF-DRILLING SELF-TAPPING SCREW NOTES

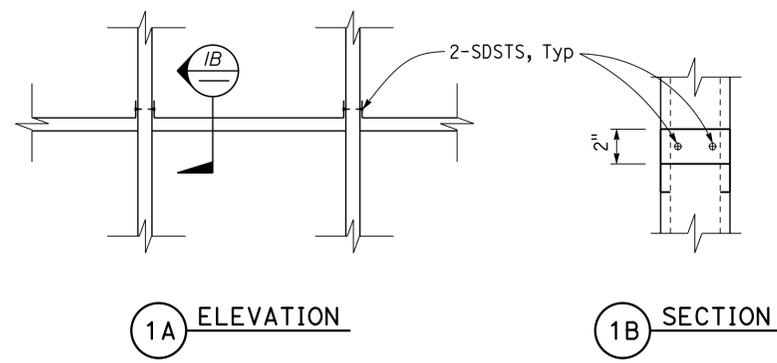
- Framing screws shall be #10 hex head self-drilling self-tapping screws (SDSTS).
- All screws shall be ICBO approved, subject to approval by the engineer.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	148	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

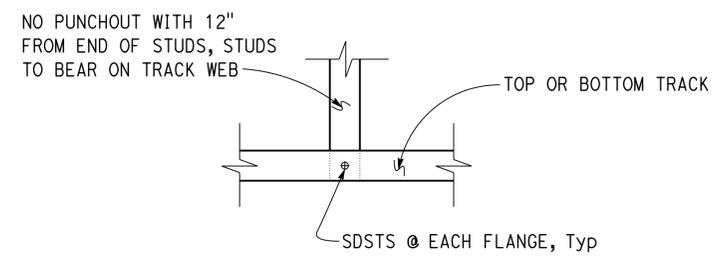
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



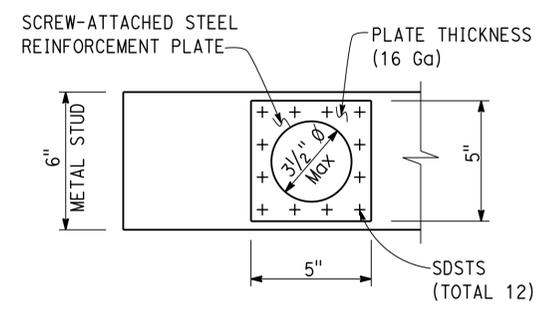
1A ELEVATION 1B SECTION

Note:
Use a piece of track or stud as blocking, cut flanges of track and bend web. Two SDSTS web to stud.

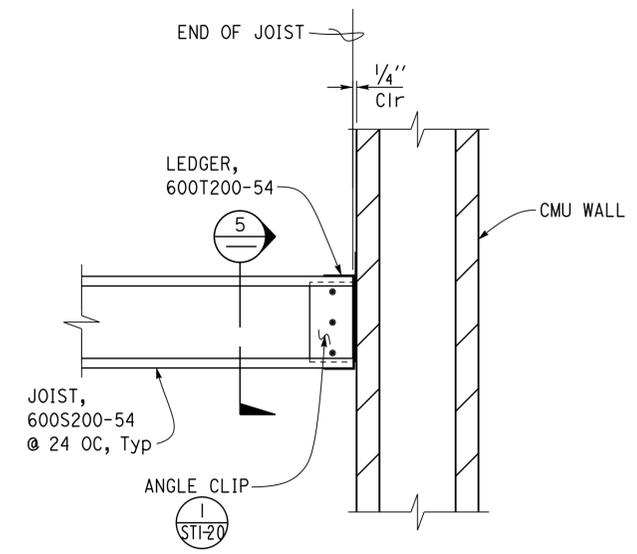
1 BLOCKING DETAIL
No Scale



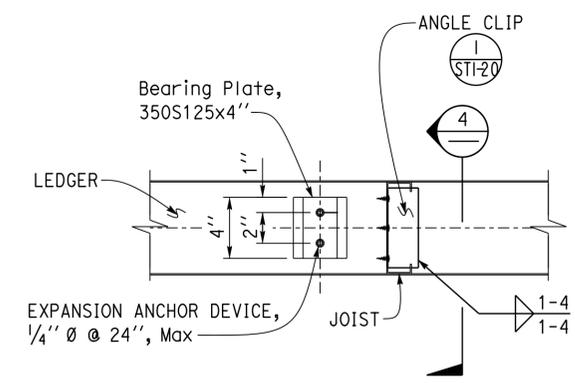
2 BOTTOM/TOP TRACK DETAIL
NO SCALE



3 TYPICAL PIPE OPENING AND WEB REINFORCEMENT
NO SCALE



4 CEILING JOIST TO CMU WALL
SCALE 2" = 1' - 0"



5 LEDGER TO CMU WALL
SCALE 2" = 1' - 0"

DESIGN	BY Dai Lu	CHECKED Justin Uyehara	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 08R0002	CORNING SRRA UPGRADE	SHEET
	DETAILS	BY Pete von Savoye			CHECKED Dai Lu		POST MILE 10.5
QUANTITIES	BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3599 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
			0 1 2 3	EA 0E3601	06-07-10 06-08-10 06-09-10 05-17-11 07-23-13		

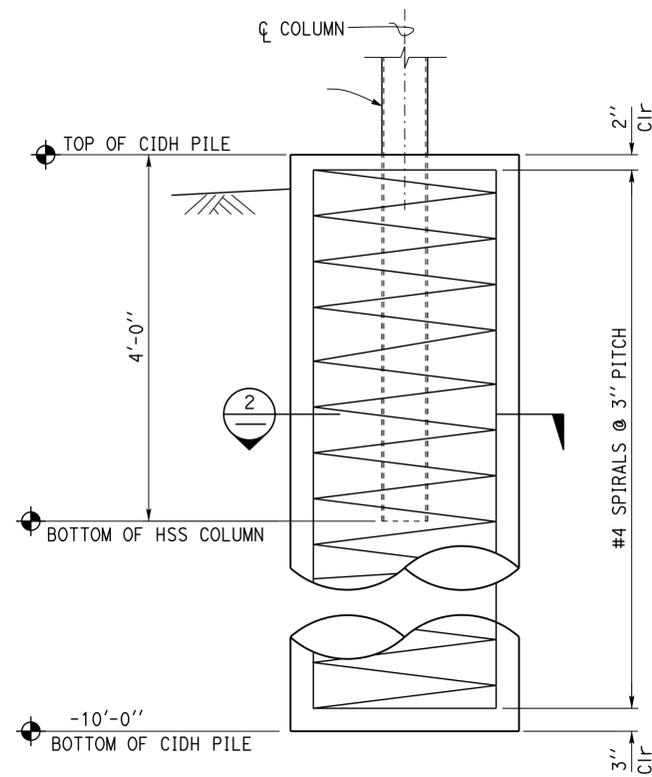
12-MAY-2015 14:08

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	149	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

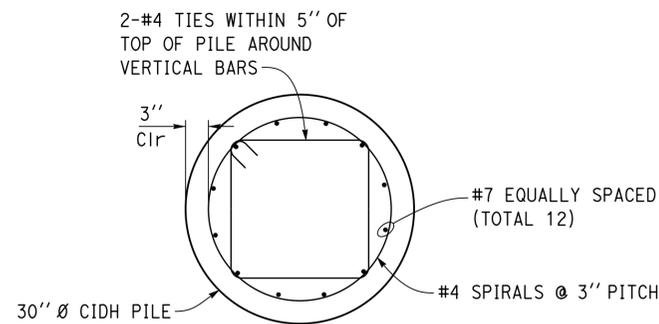
4-1-14
PLANS APPROVAL DATE

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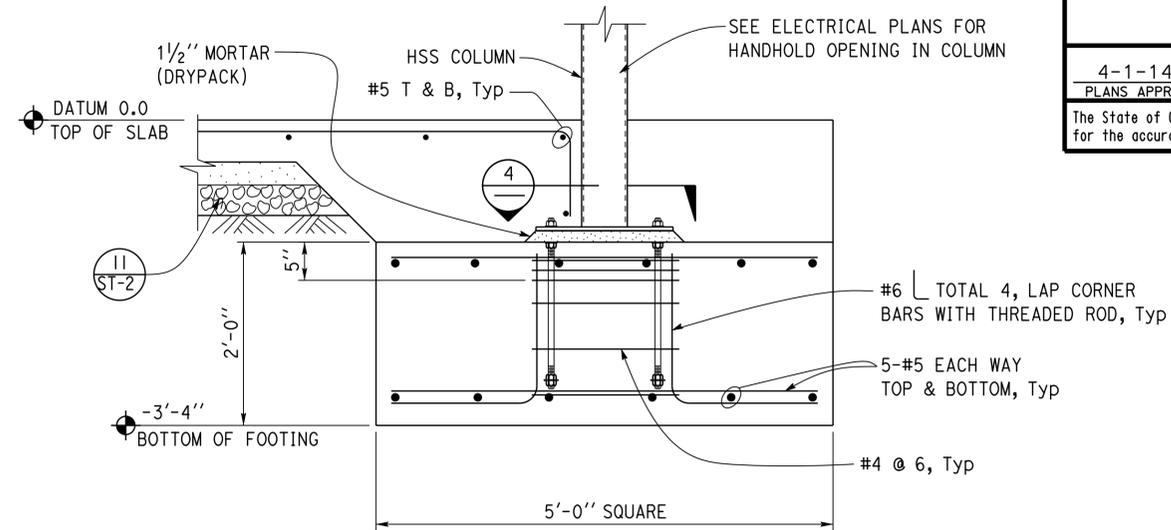


ITEM	NORTHBOUND (LF)	SOUTHBOUND (LF)
30" CAST-IN-DRILLED-HOLE CONCRETE PILING	40	40

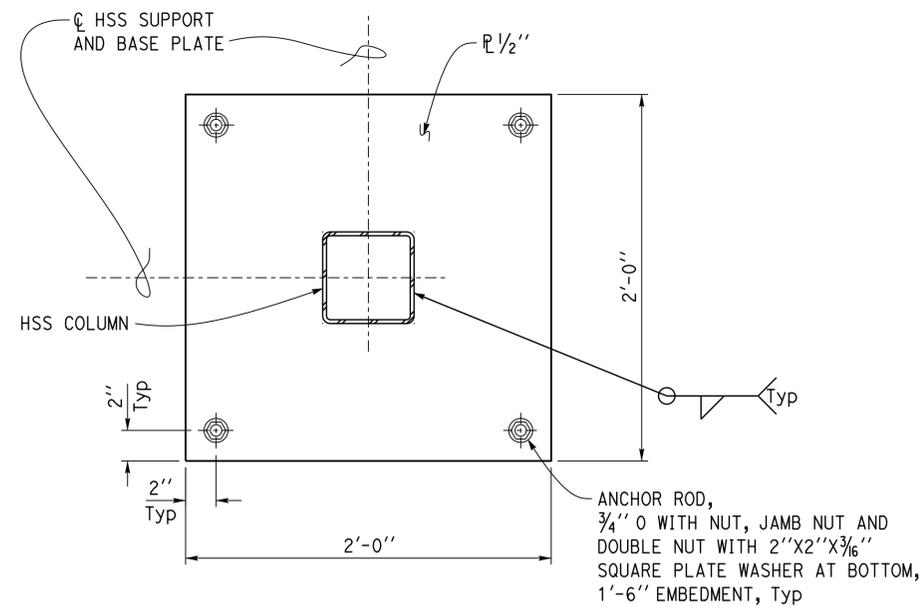
1 PRE-MANUFACTURED INFORMATION DISPLAY CASE/KIOSK COLUMN/CIDH PILE DETAIL
SCALE 1" = 1' - 0"



2 CIDH PILE DETAIL
SCALE 1" = 1' - 0"



3 PREMANUFACTURED VENDING/PICNIC CANOPY COLUMN FOOTING DETAIL
SCALE 1" = 1' - 0"



4 COLUMN BASE PLATE DETAIL
SCALE 2" = 1' - 0"

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R0002
POST MILE	10.5

CORNING SRRA UPGRADE

MISCELLANEOUS DETAILS

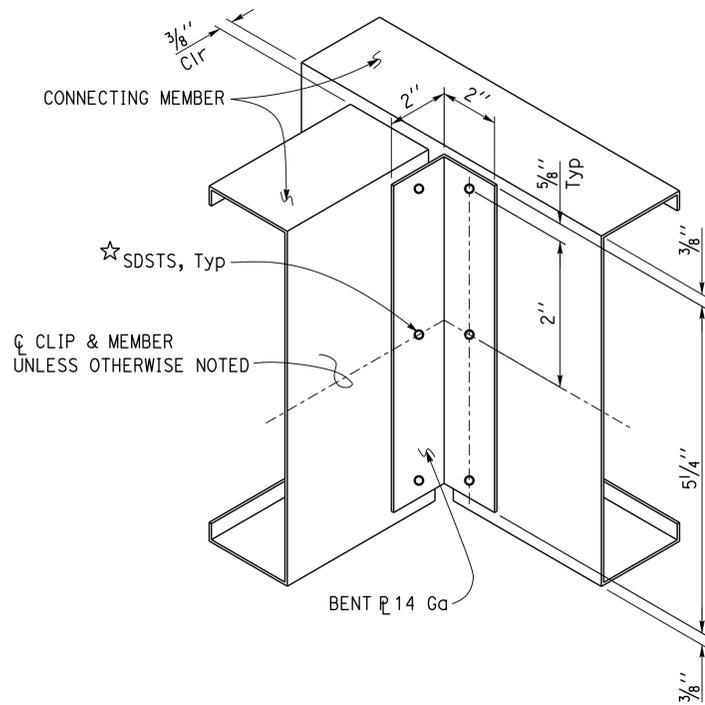
SHEET ST1-19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	150	199

Dai Lu 09-13-13
REGISTERED CIVIL ENGINEER DATE

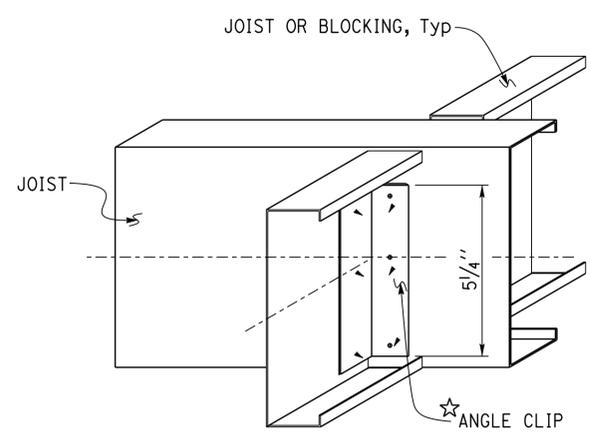
4-1-14
PLANS APPROVAL DATE

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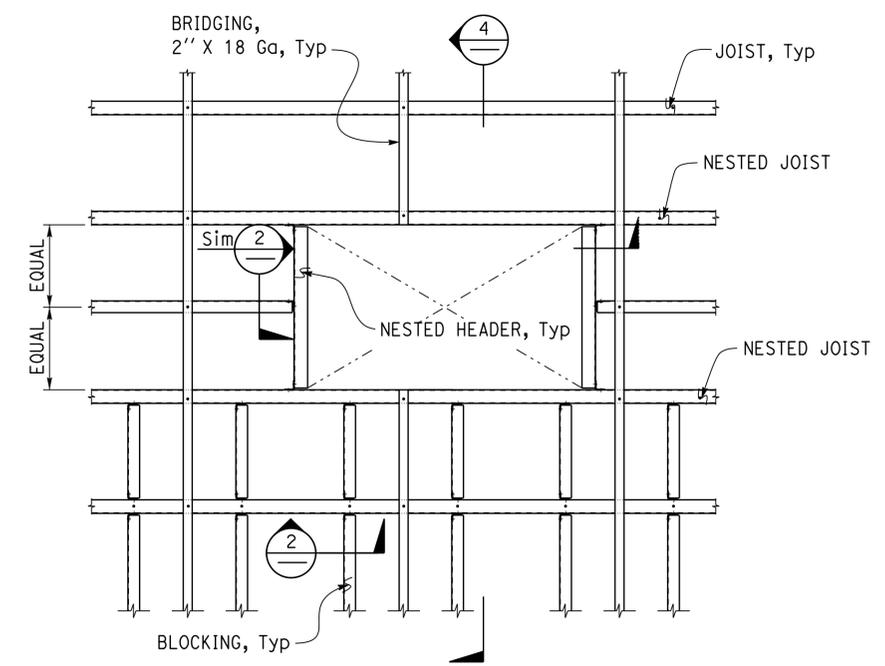
- Notes:
1. All clips shall be 14 ga hot dipped galvanized steel.
 2. All clips shall use #10 SDSTS as fasteners.
 - ☆ 3. Screws shall be centered in flanges, 5/8" minimum from ends, equally spaced, three SDSTS per flange minimum, unless otherwise shown.

1 ANGLE CLIP
NO SCALE



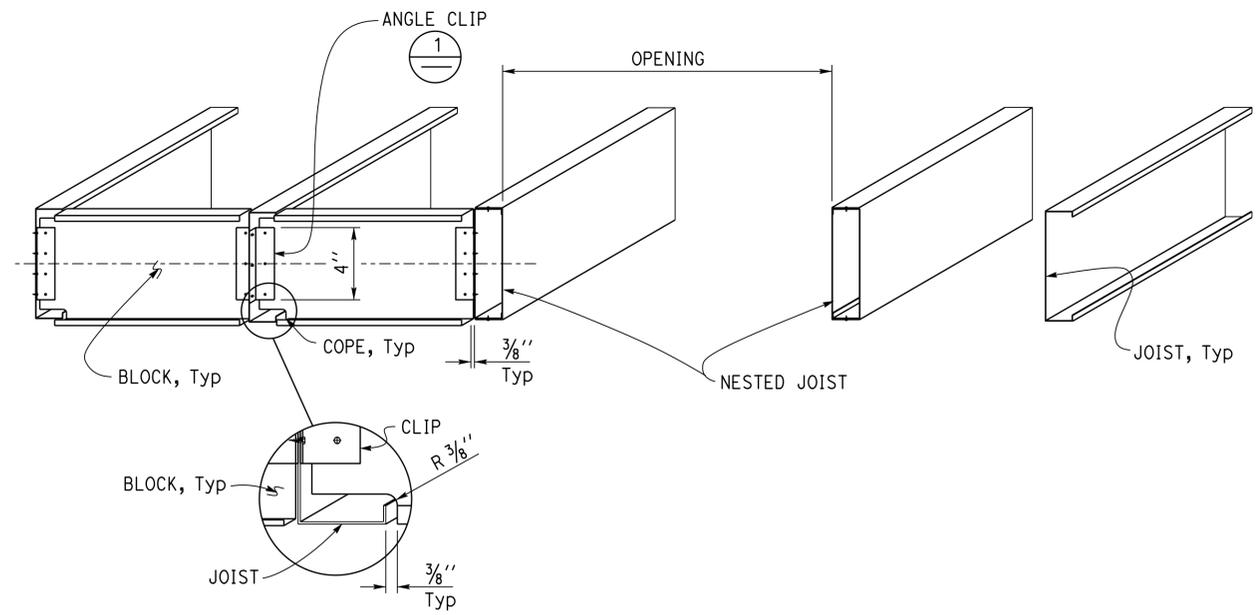
☆ Note
Stagger screw spacing from opposite side Clip, 5/8" from edges minimum.

2 CEILING CONNECTION DETAIL
NO SCALE



Note:
Ceiling SPS not shown, ceiling joist spacing @ 16 OC unless otherwise noted.

3 COLD-FORM STEEL CEILING OPENING
NO SCALE



4 CEILING BLOCKING DETAIL
NO SCALE

DESIGN	BY Dai Lu	CHECKED Justin Uyehara
DETAILS	BY Pete von Savoye	CHECKED Dai Lu
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	08R0002
POST MILE	10.5

CORNING SRRA UPGRADE

COLD FORM STEEL CEILING DETAILS

SHEET **ST1-20** OF

(New I-10-5)

DATE APPROVED: March 16, 1964



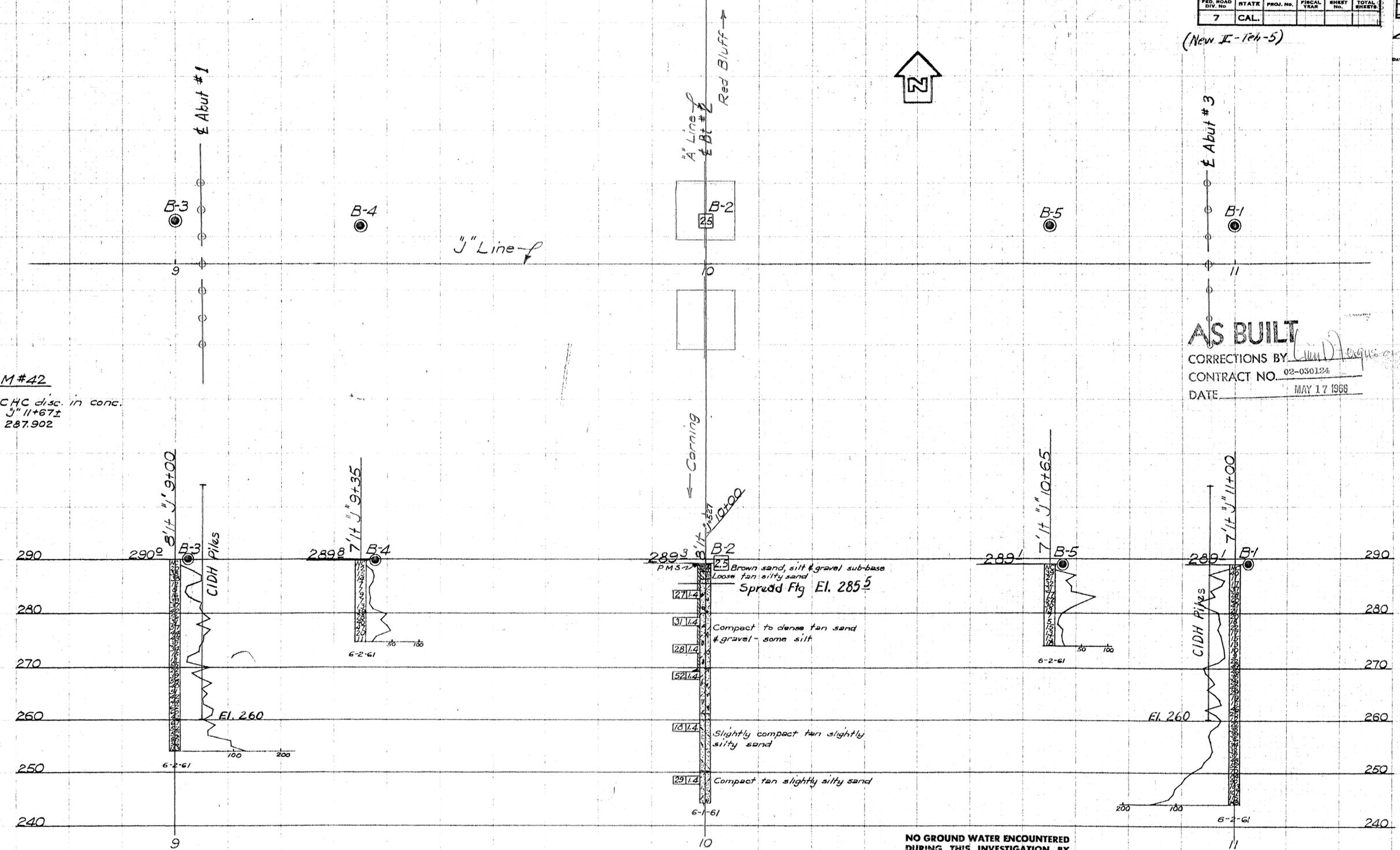
BRIDGE DEPARTMENT

BM#42
Std. CHC disc. in conc.
21" 11+67±
Elev 287.902

AS BUILT
CORRECTIONS BY: *William D. Ferguson*
CONTRACT NO. 02-030124
DATE: MAY 17 1966

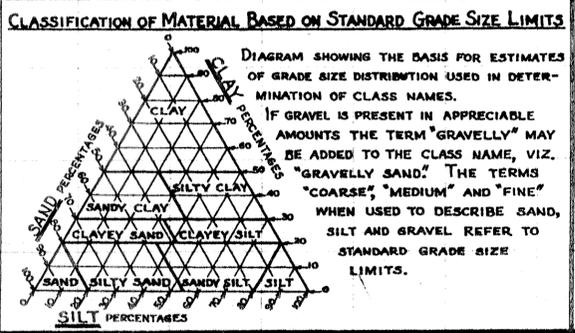
FIELD STUDY	6-61
DRAWN	6-61
CHECKED	6-61

Approved: *Robert W. Corning*
Geotechnical Engineer



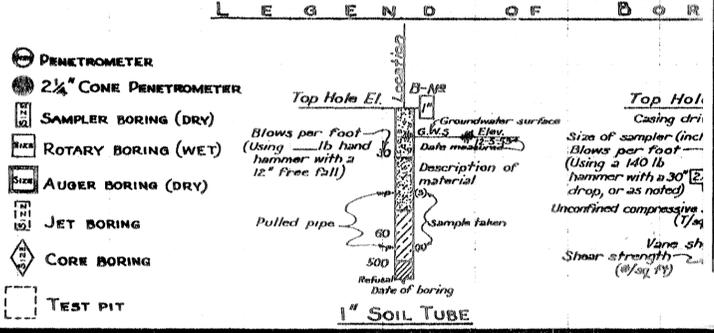
NO GROUND WATER ENCOUNTERED
DURING THIS INVESTIGATION BY
BRIDGE DEPT. GEOLOGY SECTION
DATE June 1961

SHEET 9 OF 9



LEGEND OF EARTH MATERIALS

GRAVEL	SILTY CLAY OR CLAYEY SILT
SAND	PEAT AND/OR ORGANIC MATTER
SILT	FILL MATERIAL
CLAY	IGNEOUS ROCK
SANDY CLAY OR CLAYEY SAND	SEDIMENTARY ROCK
SANDY SILT OR SILTY SAND	METAMORPHIC ROCK



DIVISION OF ENGINEERING SERVICES - GEOTECHNICAL SERVICES

As-Built Log of Test Borings sheet is considered an informational document only. As such, the State of California registration seal with signature, license number and registration certificate expiration date confirm that this is a true and accurate copy of the original document. This drawing is available and presented only for the convenience of any bidder, contractor or other interested party.

DIST.	COUNTY	ROUTE	KILOMETER POST-TOTAL PROJECT	Sheet No.	Total Sheets
02	Teh	5	10.5	151	199

REGISTERED CIVIL ENGINEER: *Les Whitmore* (12/1/04)

CORNING SRRA
LOG OF TEST BORINGS 1 OF 2

NOTE: A COPY OF THIS LOG OF TEST BORINGS IS AVAILABLE AT OFFICE OF STRUCTURE MAINTENANCE AND INVESTIGATIONS, SACRAMENTO, CALIFORNIA

CU: 02	BRIDGE No.
EA: OE3601	08R002L/R
	Sheet of

TO ACCOMPANY PLANS DATED 4-1-14



NOTE

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

GALLAGHER AVE OVERCROSSING

LOG OF TEST BORINGS

SCALE: 1" = 10' BRIDGE 8-106 FILE DRAWING 08116-12

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	153	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA

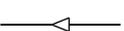
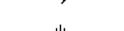
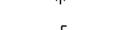
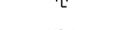
4-1-14
PLANS APPROVAL DATE

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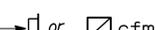
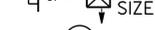
PLUMBING

— — — — —	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

PIPE FITTINGS AND VALVES

	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
	Exhaust Register
	Return Register
	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
CI	Cast-Iron	ID	Inside Diameter	SDS	Sanitary Dump Station
CO	Cleanout	IE	Invert Elevation	SF	Supply Fan
COTF	Cleanout Through Floor	IPS	International Pipe Standard	SHR	Shower
COTG	Cleanout Through Grade	KS	Kitchen Sink	SP	Static Pressure
COTW	Cleanout To Wall	KW	Kilowatt	SS	Sanitary Sewer
CV	Check Valve	LAV	Lavatory	STA	Station
CW	Cold Water	L/s	Liters per Second	STD	Standard
D	Depth	m	Meter	TCV	Temperature Control Valve
DB	Dry Bulb	MAX	Maximum	TSPV	Trap Seal Primer Valve
DF	Drinking Fountain	MAN	Manhole	TPRV	Temp., Pressure, Relief Valve
DH	Duct Heater	MIN	Minimum	TS	Time Switch
DI	Drain Inlet	mm	millimeter	Typ.	Typical
Dia	Diameter	MS	Mop Sink	UH	Unit Heater
(E)	Existing	NIC	Not In Contract	UR	Urinal
EA	Exhaust Air	NO	Number	V	Vent
EC	Evaporative Cooler	NPS	Nominal Pipe Size	VAC	Voltage, Alternating Current
ESEW	Emergency Shower And Eye Wash	NPT	National Pipe Thread	VB	Valve Box
EF	Exhaust Fan	NST	National Standard Thread	VR	Vent Riser
EL	Elevation	OA	Outside Air	VM	Vending Machine
Elect.	Electrical	OC	On Center	VTR	Vent Thru Roof
ES	Evaporative Cooler Switch	OD	Outside Diameter	W	Width
ESP	External Static Pressure	OG	Original Ground	W/	With
EWC	Electric Water Cooler	PBEF	Push-Button Exhaust Fan	W/O	Without
EWH	Electric Water Heater	PCC	Portland Cement Concrete	WB	Wet Bulb
FC	Flexible Connection	PH	Phase	WC	Water Closet
FD	Floor Drain	PRV	Pressure Reducing Valve	W.C.	Water Column
FDC	Fire Department Connection	PSI	Pounds Per Square Inch	WH	Water Heater
FE	Fire Extinguisher	PVC	Polyvinyl Chloride	W.H.	Wall Hydrant
FG	Finish Grade			WHA	Water Hammer Arrestor
FH	Fire Hydrant			WLS	Water Level Switch
FL	Flow Line			WP	Weatherproof
FP	Floor Penetration			WS	Wash Sink
FS	Floor Sink			WSP	Welded Steel Pipe
FTR	Flue through roof				

CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015

TAEMWW Imperial Rev. 7/10	DESIGN BY Alvin Kwan CHECKED Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 08R00002L	CORNING SRRA UPGRADE	SHEET M-0
	DETAILS BY Alvin Kwan CHECKED Jack Wheeler		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE 16.9		
	QUANTITIES BY Alvin Kwan CHECKED Jack Wheeler		UNIT 3615 PROJECT NUMBER & PHASE 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				06/06/11 09/13/13	

EA 0E3601 m_0.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	154	199

	09-13-13	DATE
REGISTERED MECHANICAL ENGINEER		

4-1-14	PLANS APPROVAL DATE
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Approval date: 03-10-2015

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

Project Name: <i>Corning SRRA</i>	Date: <i>May 6, 2011</i>
-----------------------------------	--------------------------

Documentation Author's Declaration Statement

- I Certify That This Certificate of Compliance Documentation is Accurate and Complete.

Name: <i>Solomon Wong</i>	Signature: 
Company: <i>Department of Transportation, (CALTRANS)</i>	Date: <i>May 6, 2011</i>
Address: <i>1801 30th Street</i>	If Applicable CEA# CEPE#
City/State/Zip: <i>Sacramento, Ca 95816</i>	Phone: <i>(916) 227-8330</i>

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: <i>Jack Wheeler</i>	Signature: 
Company: <i>Department of Transportation, (CALTRANS)</i>	Date: <i>May 6, 2011</i>
Address: <i>1801 30th Street</i>	License# <i>M21648</i>
City/State/Zip: <i>Sacramento, Ca 95816</i>	Phone: <i>(916) 227-8352</i>

Mandatory Measures
Indicate location on building plans of Note Block for Mandatory 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

NOTE:
Only Part 5 of MECH-1C is included on this sheet.
Other documents are on file and available upon request.

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

Project Name: <i>Corning SRRA</i>	Date: <i>May 6, 2011</i>	Climate Zone: <i>11</i>
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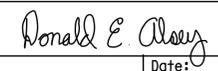
Documentation Author's Declaration Statement

- I Certify That This Certificate of Compliance Documentation is Accurate and Complete.

Name: <i>Solomon Wong</i>	Signature: 
Company: <i>Department of Transportation, (CALTRANS)</i>	Date: <i>May 6, 2011</i>
Address: <i>1801 30th Street</i>	If Applicable: CEA# CEPE#
City/State/Zip: <i>Sacramento, Ca 95816</i>	Phone: <i>(916) 227-8330</i>

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: <i>Donald E. Alsey</i>	Signature: 
Company: <i>Department of Transportation, (CALTRANS)</i>	Date: <i>May 6, 2011</i>
Address: <i>1801 30th Street</i>	License# <i>C-26676</i>
City/State/Zip: <i>Sacramento, Ca 95816</i>	Phone: <i>(916) 227-8262</i>

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

NOTE:
Only Page 4 of ENV-1C is included on this sheet.
Other documents are on file and available upon request.

DESIGN BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i> DETAILS BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i> QUANTITIES BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 08R00002L POST MILE 16.9	CORNING SRRA UPGRADE TITLE 24 COMPLIANCE CERTIFICATES	SHEET M0-0 OF
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

12-MAY-2015 14:08 m0_0.dgn

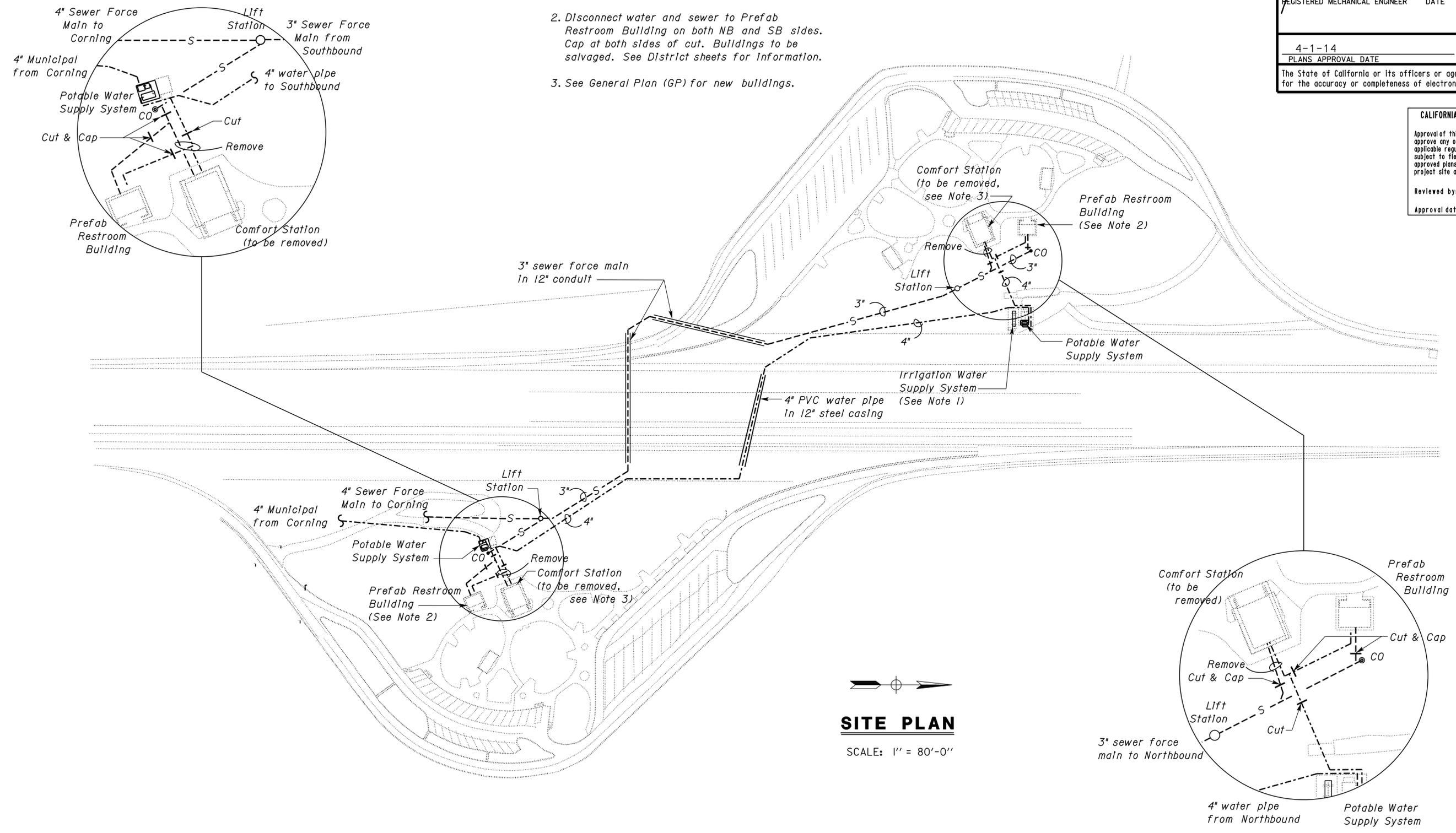
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	155	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 Jack Wheeler
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA
 4-1-14
 PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015

- Notes:
1. Remove and replace pressure tank, air volume controller, and concrete pad.
 2. Disconnect water and sewer to Prefab Restroom Building on both NB and SB sides. Cap at both sides of cut. Buildings to be salvaged. See District sheets for Information.
 3. See General Plan (GP) for new buildings.




SITE PLAN
 SCALE: 1" = 80'-0"

 DESIGN SUPERVISOR  DESIGN ENGINEER	DESIGN BY Alvin Kwan	CHECKED Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. 08R00002L	CORNING SRRA UPGRADE EXISTING SITE PLAN	SHEET 0F 10
	DETAILS BY Alvin Kwan	CHECKED Jack Wheeler		ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	POST MILE 16.9		
	QUANTITIES BY Alvin Kwan	CHECKED Jack Wheeler	UNIT PROJECT NUMBER & PHASE 3615 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		

12-MAY-2015 14:08 m0_1.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	156	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA

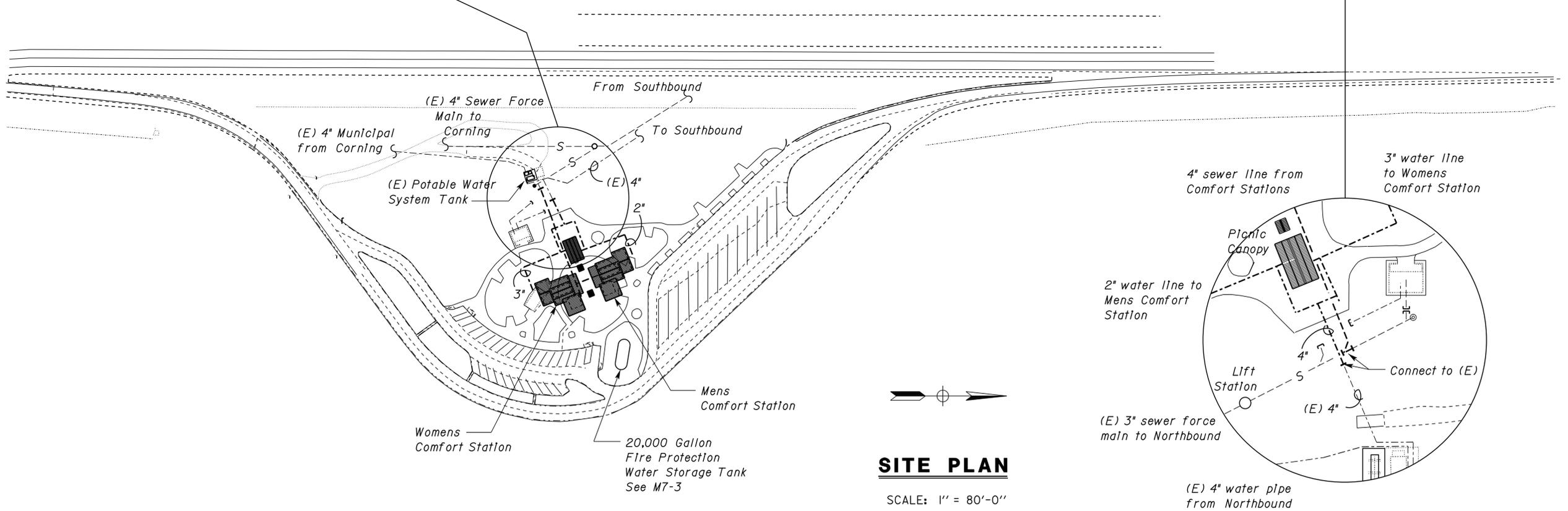
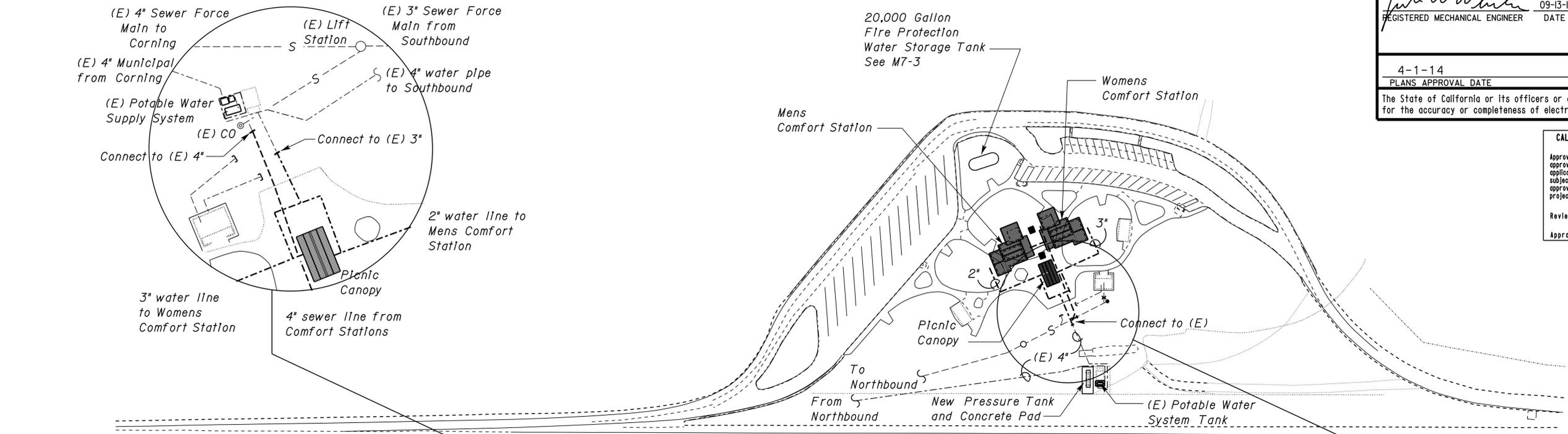
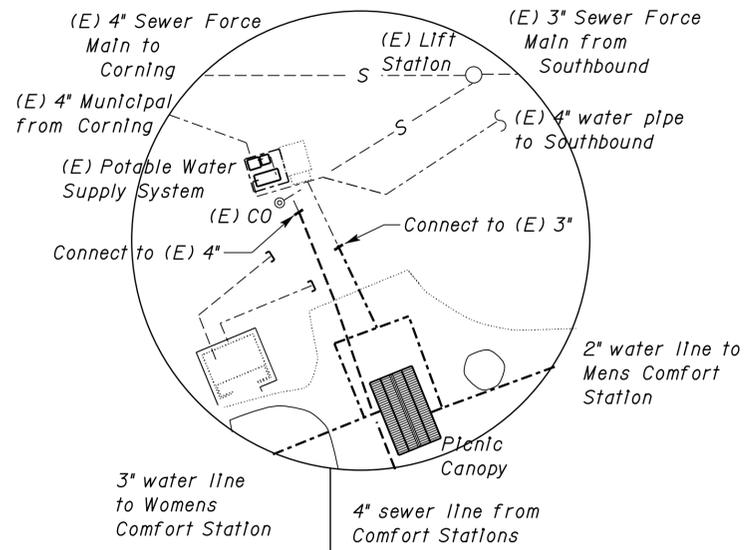
4-1-14
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FRANCIS SOLICH
Approval date: 03-10-2015



SITE PLAN
SCALE: 1" = 80'-0"

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE

MODIFIED SITE PLAN

SHEET **M0-2**

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	157	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

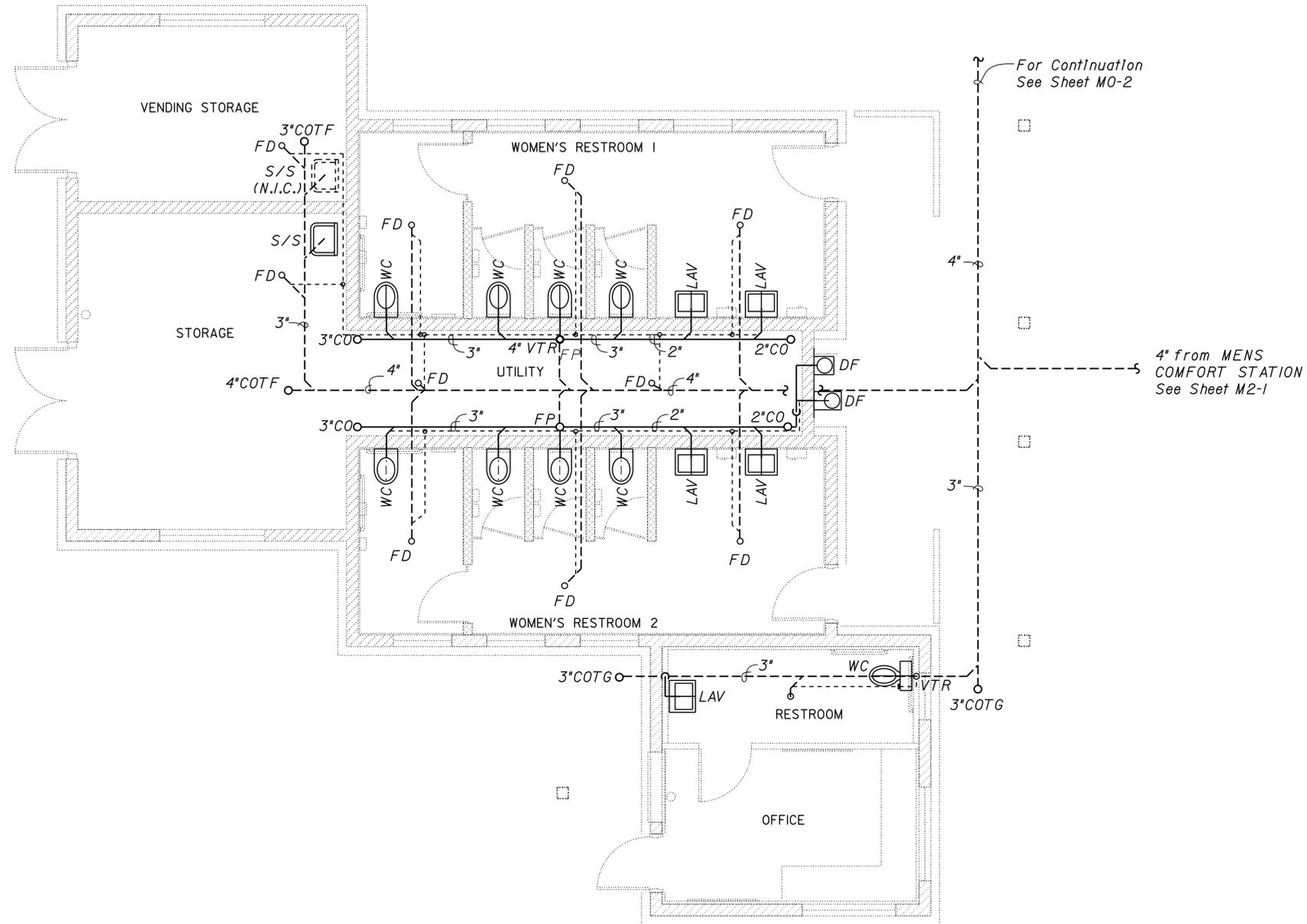
Jack Wheeler
No. 21648
Exp. 6-30-15
MECH
STATE OF CALIFORNIA

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FRANCIS SOLICH
Approval date: 03-10-2015




 NORTHBOUND ONLY
 SOUTHBOUND ROTATED 180 DEG

WOMENS COMFORT STATION PLAN

1/4" = 1'-0"

DESIGN	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>
DETAILS	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>
QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.
08R00002L
08R00002R
POST MILE
16.9

CORNING SRRA UPGRADE

DRAINAGE PLAN

SHEET
M1-1

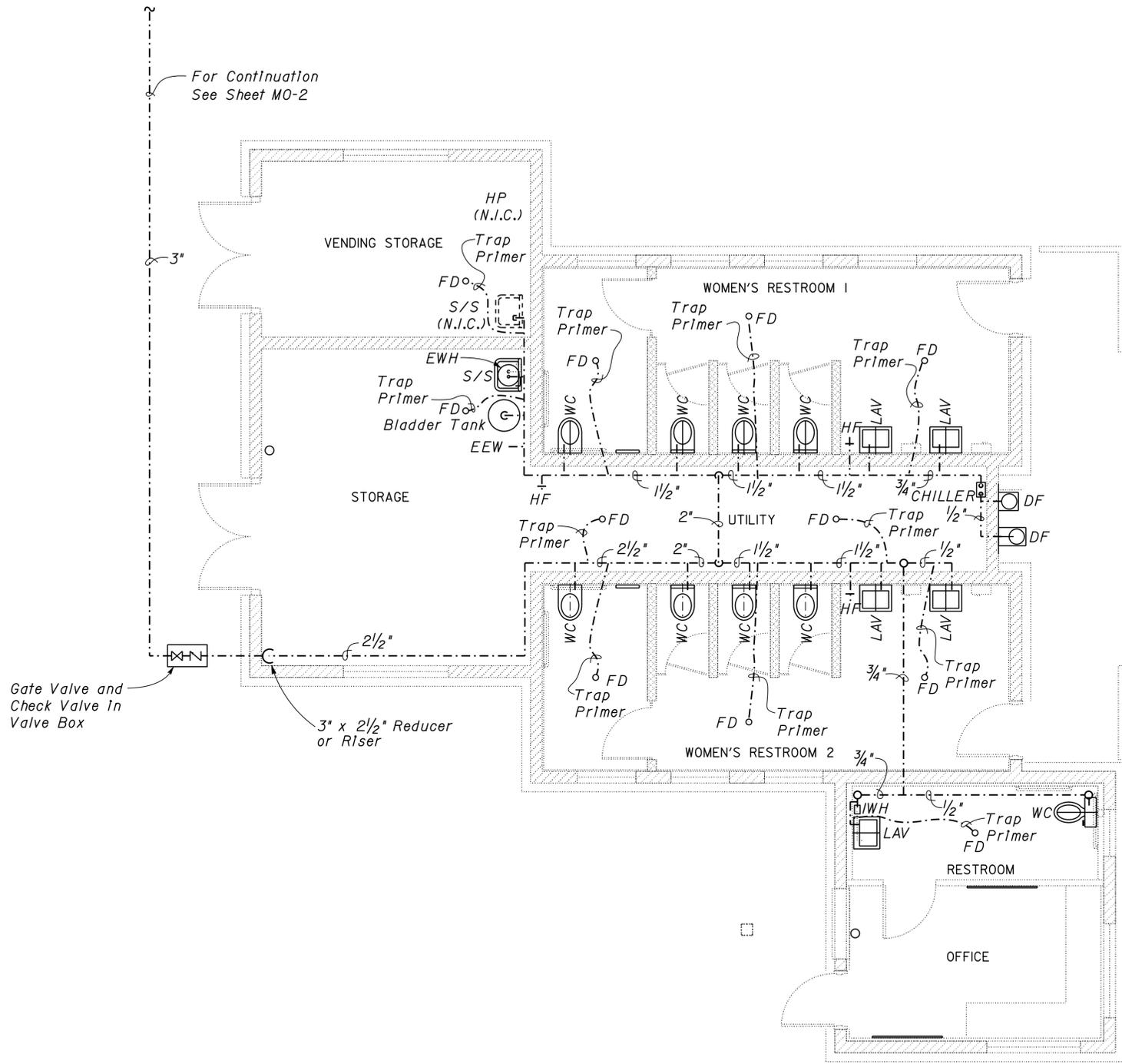
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	158	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE



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 Reviewed by: 
FRANCIS SOLICH
 Approval date: 03-10-2015



 NORTHBOUND ONLY
 SOUTHBOUND ROTATED 180°

WOMENS COMFORT STATION PLAN

1/4" = 1'-0"

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE
 PLUMBING PLAN

SHEET M1-2 OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	159	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE

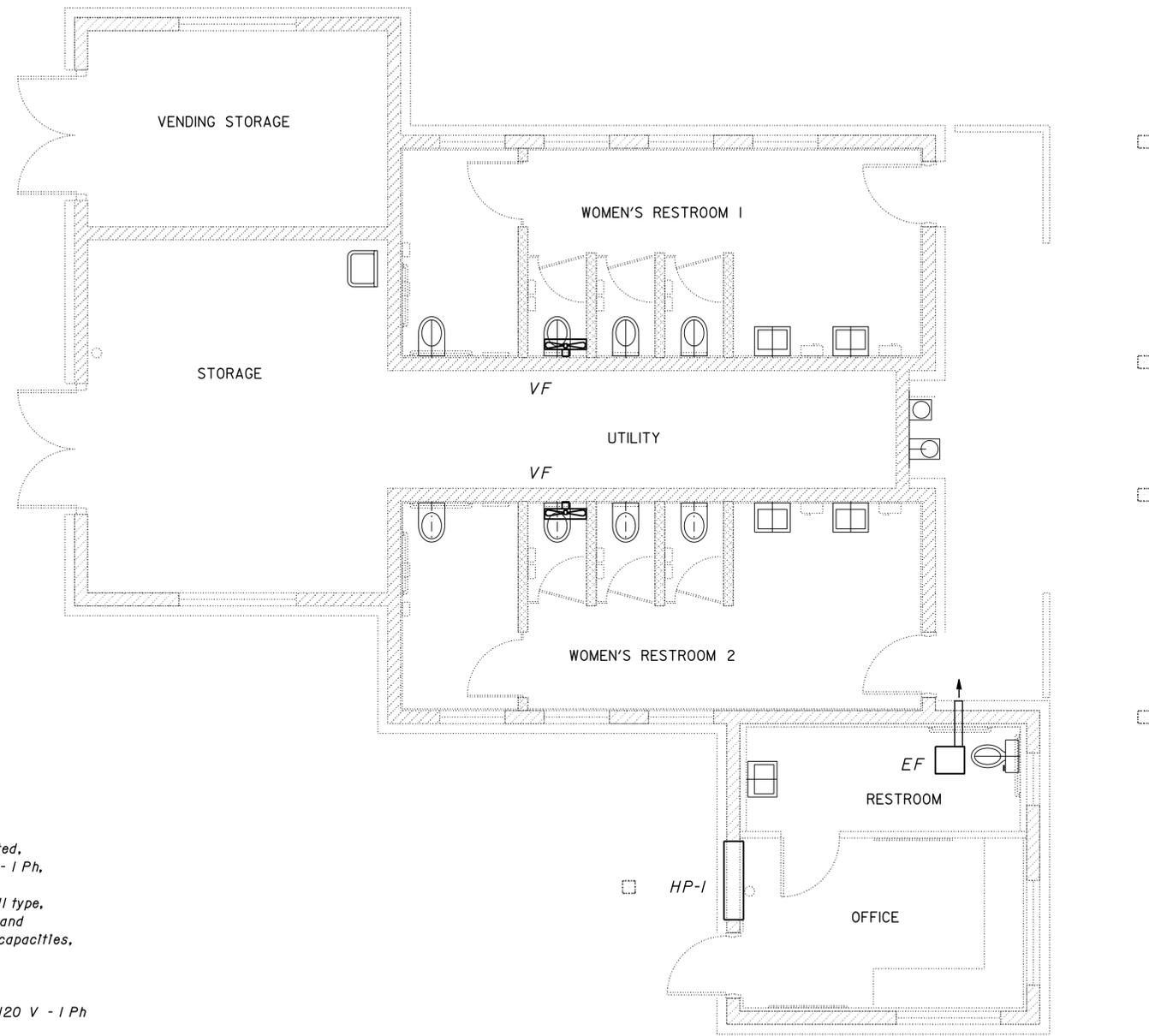
REGISTERED PROFESSIONAL ENGINEER
 Jack Wheeler
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA

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NOTES:

1. Mount Vent Fans (VF) to interior side of middle metal Louver (L-2).
2. Terminate duct for Exhaust Fan (EF) at metal Louver (L-3). Attach end of duct to bottom corner of louver.

Equipment Schedule

- EF** Exhaust Fan, ceiling mounted,
 150 cfm @ 1/4" SP, 120 V - 1 Ph.
 See Note 2
HP-1 Heat Pump, through the wall type,
 Nom 9000 BTUH cooling, and
 Nom 8000 BTUH heating capacities,
 120 V - 1 Ph
VF Vent Fan, propeller type,
 300 cfm @ 1/2" SP, 1/4 HP, 120 V - 1 Ph
 (Typ of 2)
 See Note 1



WOMENS COMFORT STATION PLAN

1/4" = 1'-0"

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE

HVAC PLAN

SHEET **M1-3**



REVISION DATES (PRELIMINARY STAGE ONLY)					
12/30/10	05/08/11	06/06/11	08/06/11	09/13/13	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	160	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

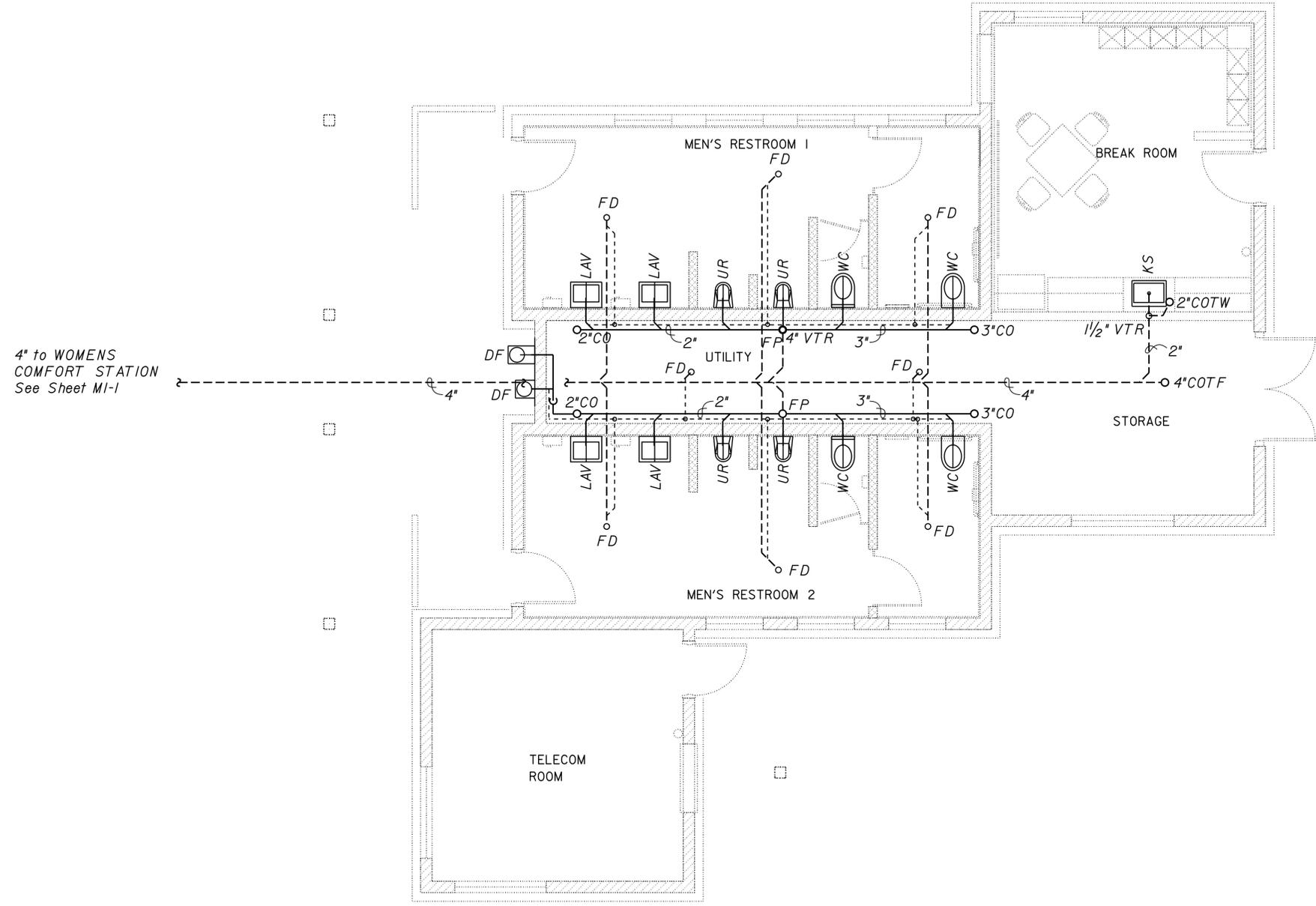
Jack Wheeler
No. 21648
Exp. 6-30-15
MECH
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Approval date: 03-10-2015



4" to WOMENS COMFORT STATION See Sheet M1-1



MENS COMFORT STATION PLAN

1/4" = 1'-0"

TAEMWW Imperial Rev. 7/10	DESIGN	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING SRRA UPGRADE DRAINAGE PLAN	SHEET	M2-1
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	QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>			POST MILE			
				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	16.9	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
						DISREGARD PRINTS BEARING EARLIER REVISION DATES	06/11/10 09/16/10 05/06/11 06/06/11 08/06/11 09/13/13		
					UNIT PROJECT NUMBER & PHASE EA 0E3601				m2_1.dgn

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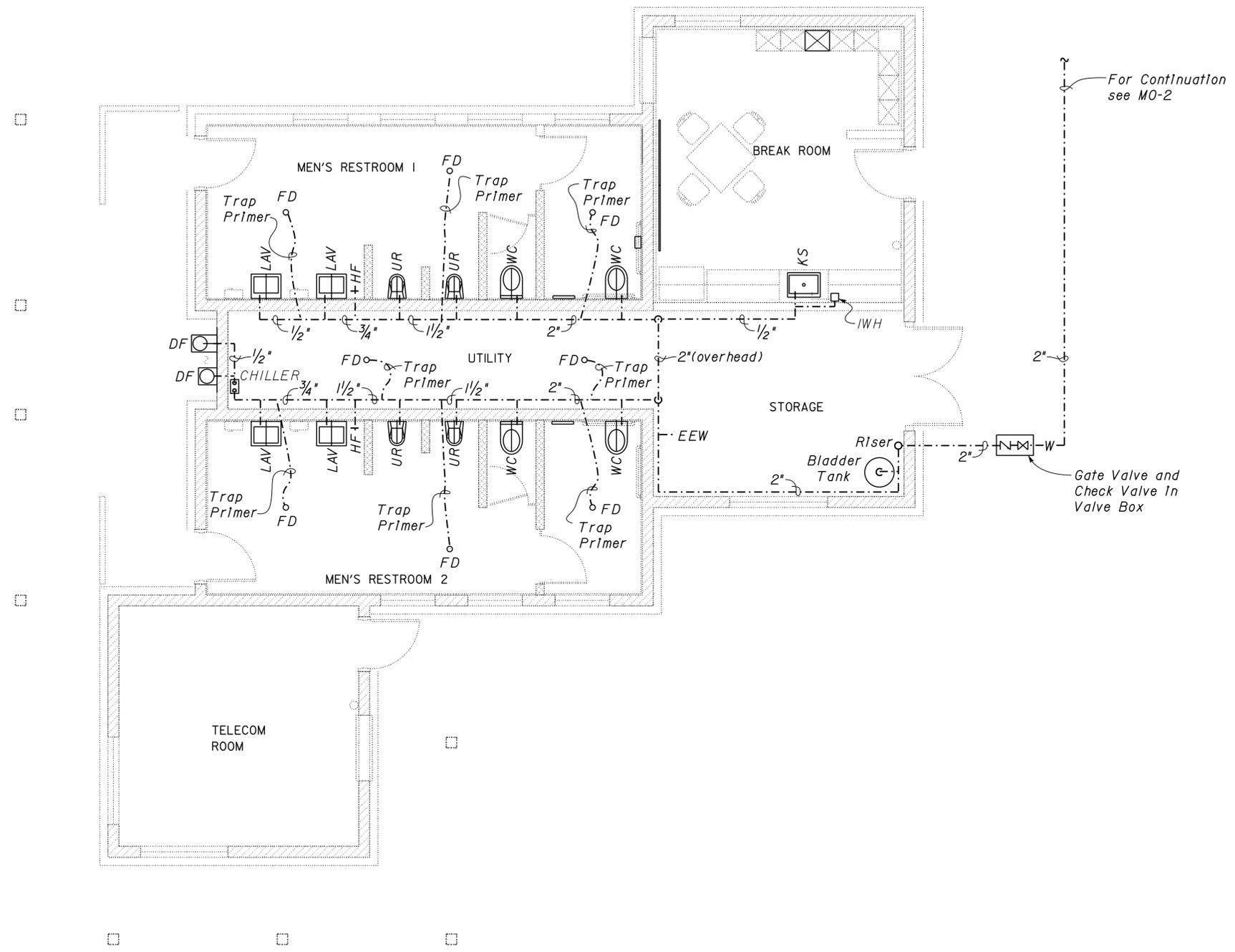
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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 Reviewed by: 
FRANCIS SOLICH
 Approval date: 03-10-2015



For Continuation see MO-2

Gate Valve and Check Valve In Valve Box

 NORTHBOUND ONLY
 SOUTHBOUND ROTATED 180°

MENS COMFORT STATION PLAN

1/4" = 1'-0"

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE
 PLUMBING PLAN

SHEET M2-2

TAEMWW Imperial Rev. 7/10

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 0 1 2 3

UNIT PROJECT NUMBER & PHASE
 3615 02000000301
 EA OE3601

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 06/17/10 09/16/10 05/09/11 06/06/11 08/06/11 09/13/13
---	--

SHEET OF

12-MAY-2015 14:08 m2_2.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	162	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

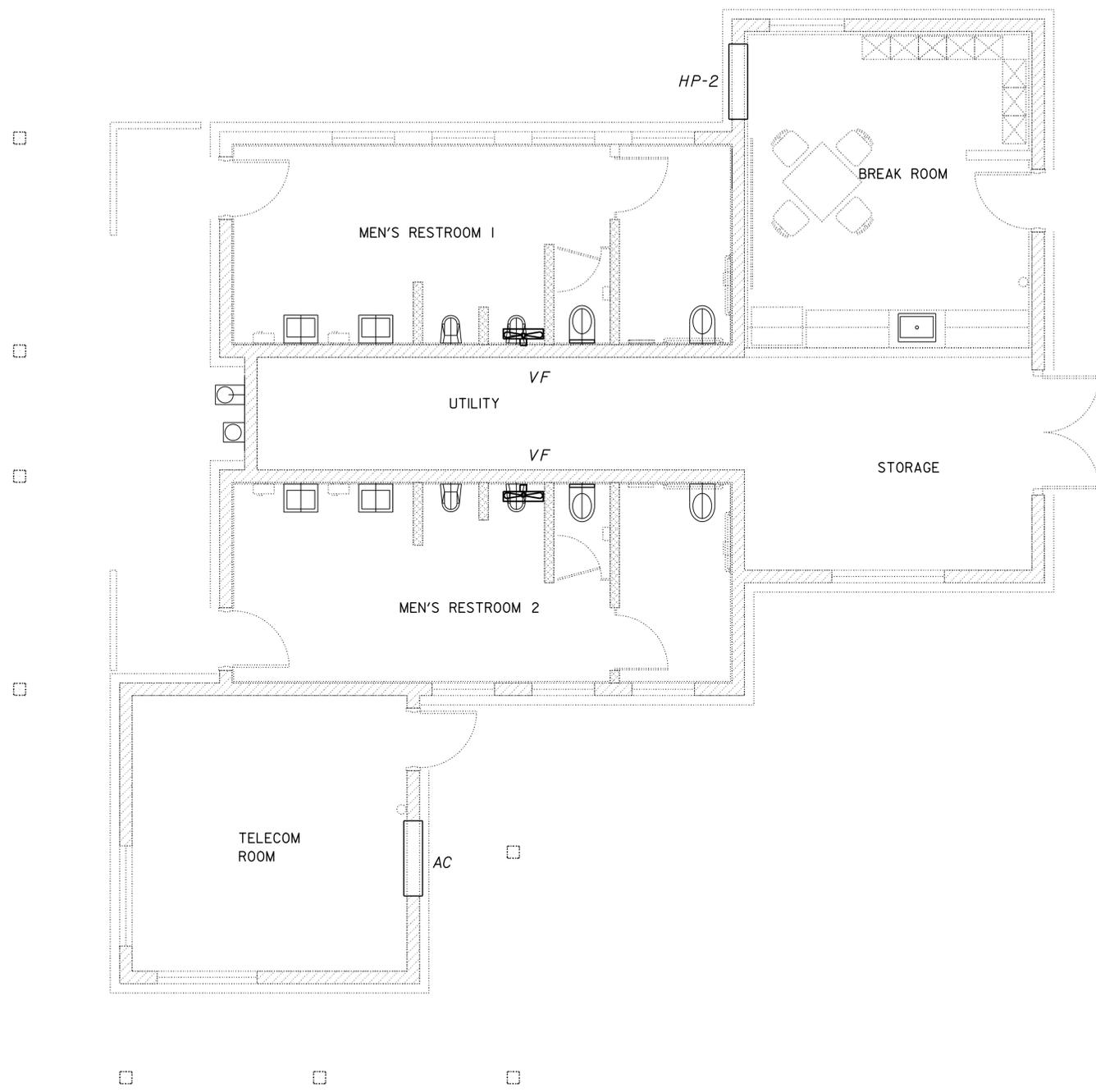
Jack Wheeler
No. 21648
Exp. 6-30-15
MECH
STATE OF CALIFORNIA

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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: 
FRANCIS SOLICH
 Approval date: 03-10-2015



NOTE:
 Mount Vent Fans (VF) to interior side of middle metal Louver (L-2).

Equipment Schedule

AC Air Conditioner, through the wall type,
 Nom 9000 BTUH cooling, 120 V - 1 Ph.

HP-2 Heat Pump, through the wall type,
 Nom 9000 BTUH cooling, and
 Nom 8000 BTUH heating capacities,
 120 V - 1 Ph

VF Vent Fan, propeller type,
 300 cfm @ 1/2" SP, 1/4 HP, 120 V - 1 Ph
 (Typ of 2)
 See Note


MENS COMFORT STATION PLAN
 1/4" = 1'-0"

DESIGN	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>
DETAILS	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>
QUANTITIES	BY <i>Alvin Kwan</i>	CHECKED <i>Jack Wheeler</i>

STATE OF
CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE
 HVAC PLAN

SHEET
M2-3

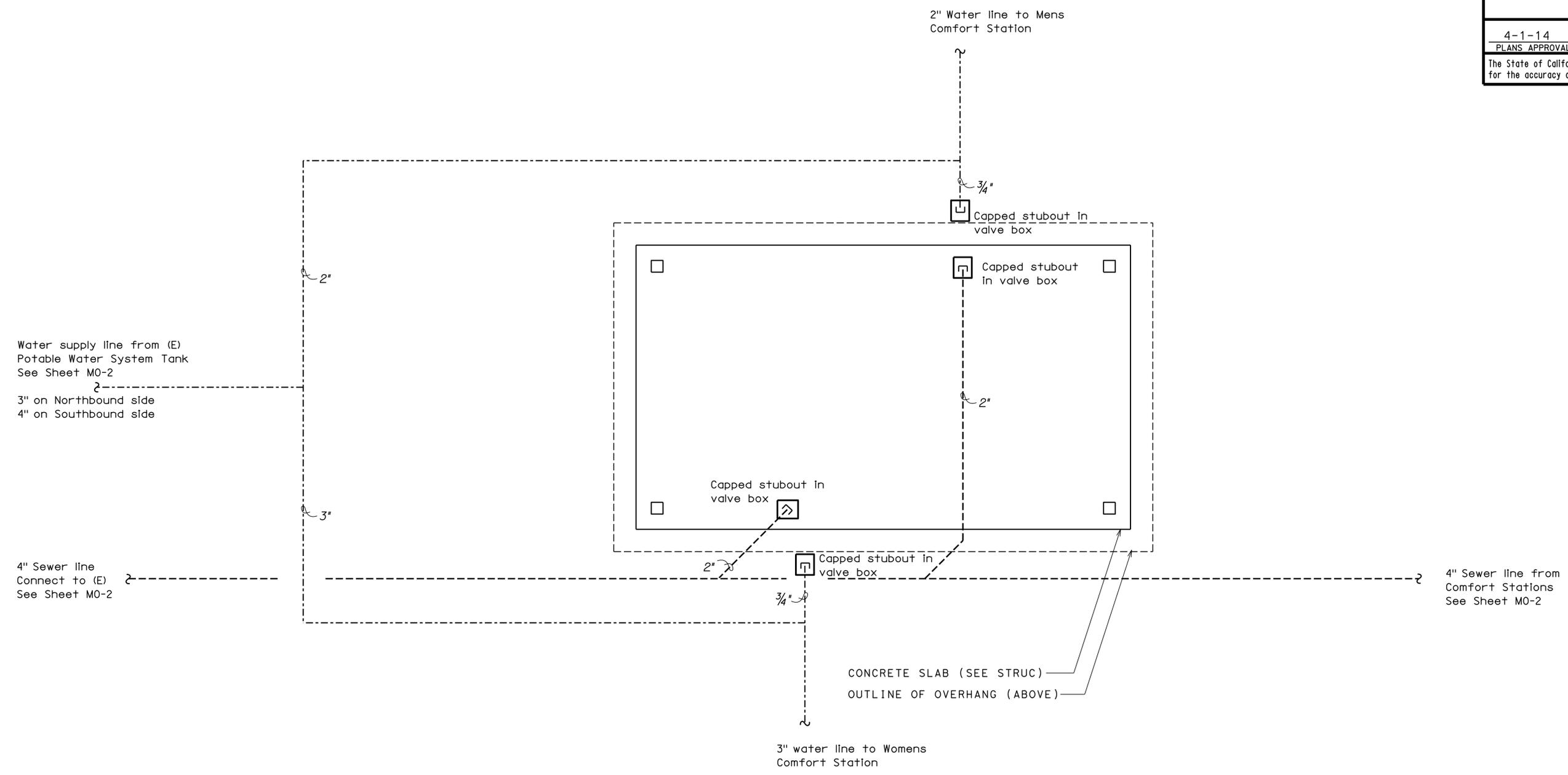
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	163	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 4-1-14
 PLANS APPROVAL DATE



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 FRANCIS SOLICH
 Approval date: 03-10-2015



1 PICNIC CANOPY PLAN
 No Scale

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	08R00002L
POST MILE	16.9

CORNING SRRA UPGRADE
 PLUMBING & DRAINAGE PLAN

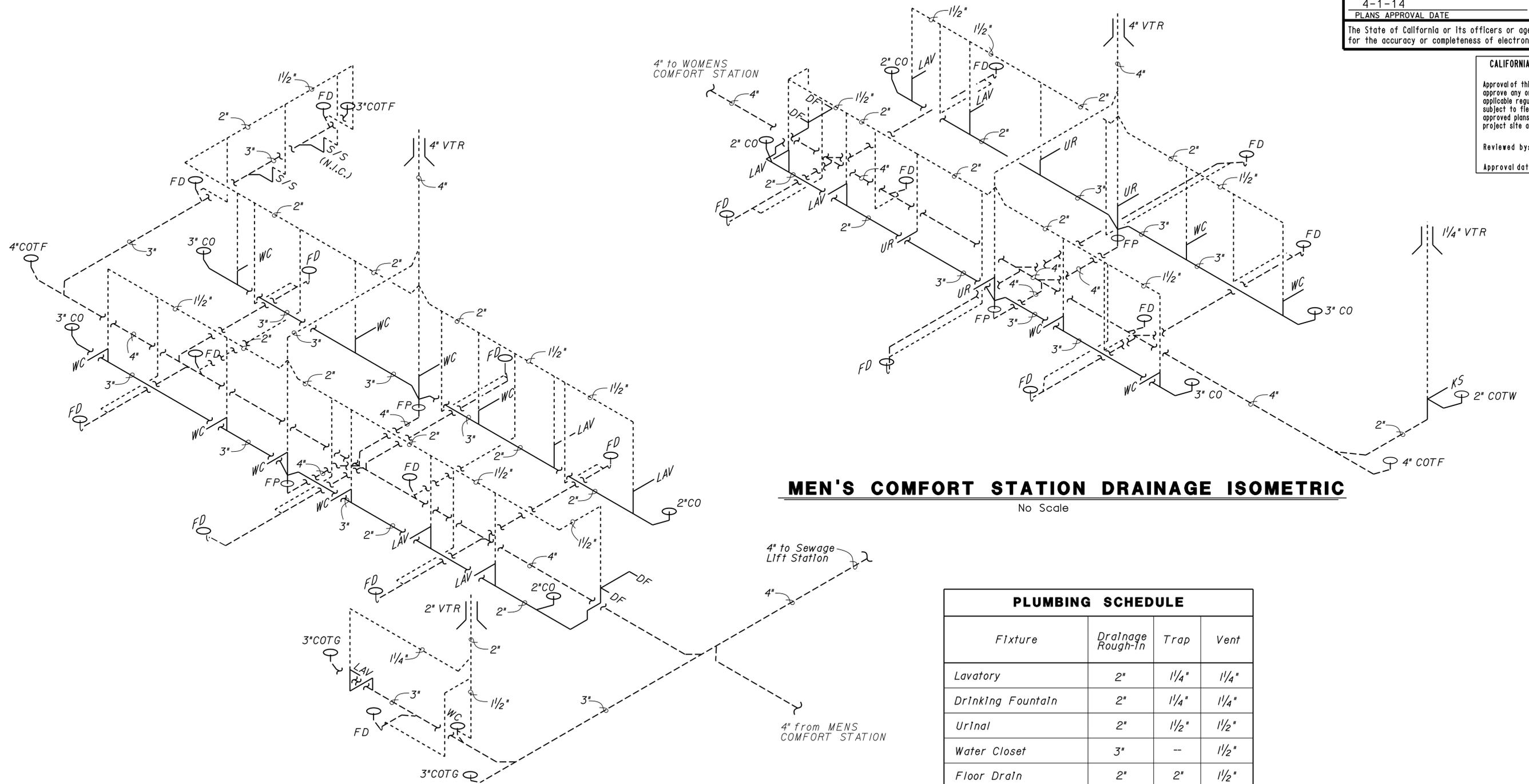
SHEET **M3-1** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	164	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 PLANS APPROVAL DATE 4-1-14


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 Approval date: 03-10-2015



MEN'S COMFORT STATION DRAINAGE ISOMETRIC

No Scale

PLUMBING SCHEDULE			
Fixture	Drainage Rough-In	Trap	Vent
Lavatory	2"	1/4"	1/4"
Drinking Fountain	2"	1/4"	1/4"
Urinal	2"	1/2"	1/2"
Water Closet	3"	--	1/2"
Floor Drain	2"	2"	1/2"
Service Sink	3"	3"	1/2"
Kitchen Sink	2"	1/2"	1/4"

WOMEN'S COMFORT STATION DRAINAGE ISOMETRIC

No Scale

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

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

BRIDGE NO. 08R00002L
 08R00002R
 POST MILE 16.9

CORNING SRRA UPGRADE
 DRAINAGE ISOMETRIC

SHEET M5-1

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	165	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA

4-1-14
PLANS APPROVAL DATE

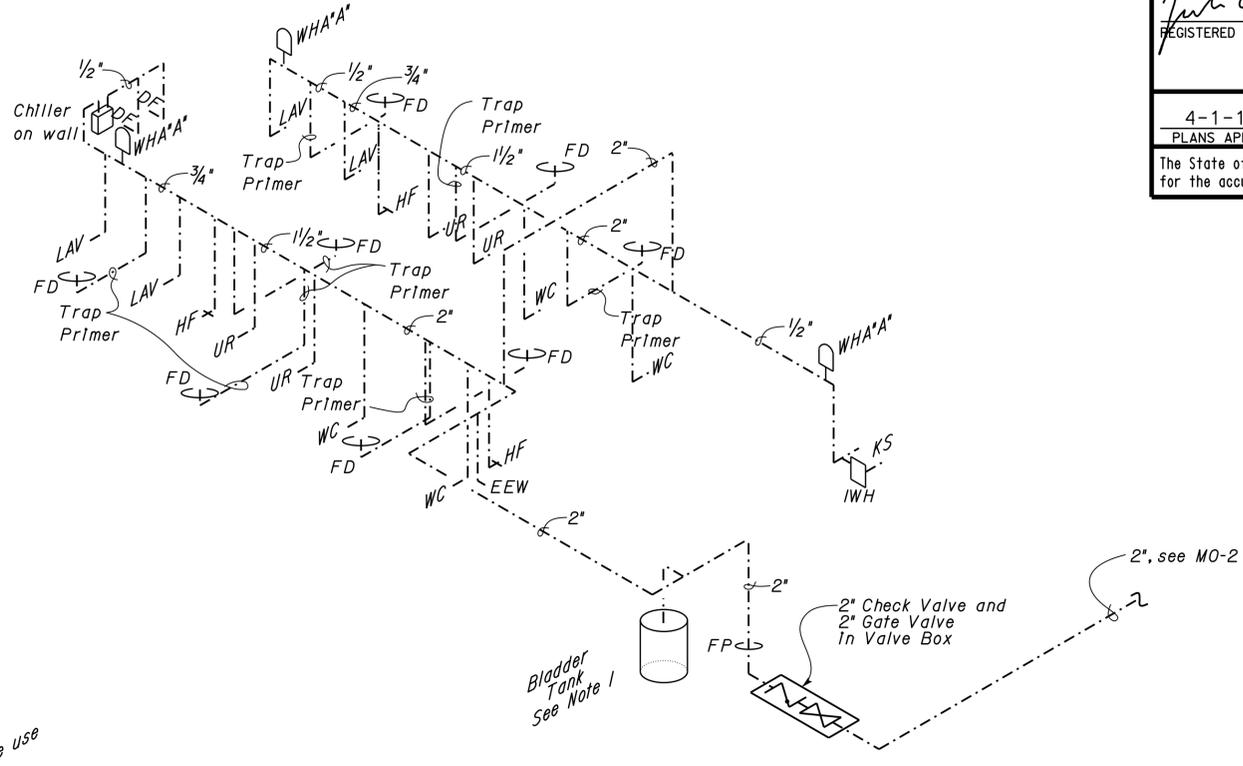
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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015

Fixture	Minimum Connection	
	Cold Water	Hot Water
Lavatory	1/2"	1/2"
Urinal	3/4"	—
Kitchen Sink	1/2"	1/2"
Water Closet	1"	—
Service Sink	3/4"	3/4"
Hose Faucet	1/2"	—
Emergency Eye Wash	3/4"	—
Drinking Fountain	1/2"	—



MEN'S COMFORT STATION PLUMBING ISOMETRIC

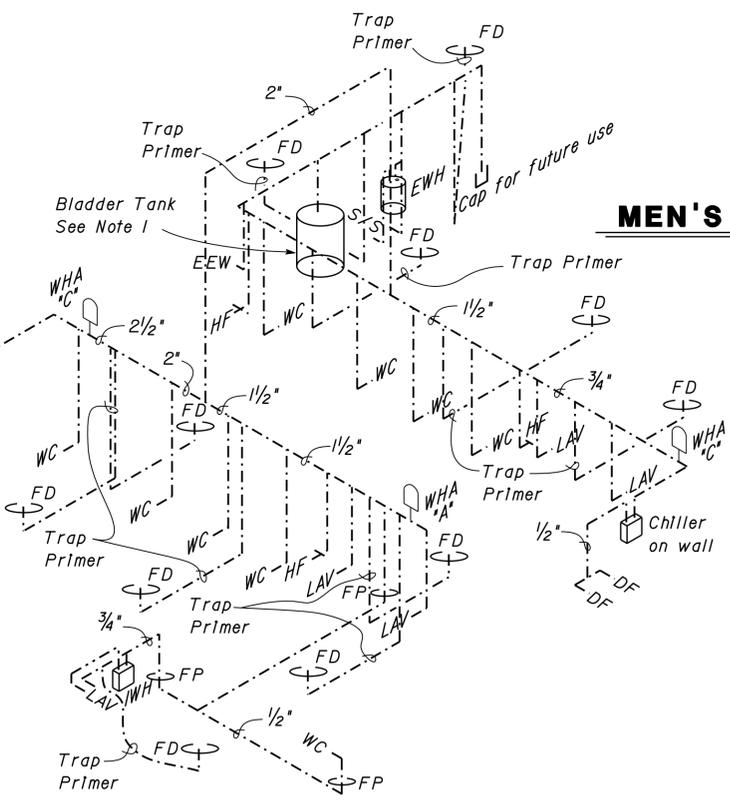
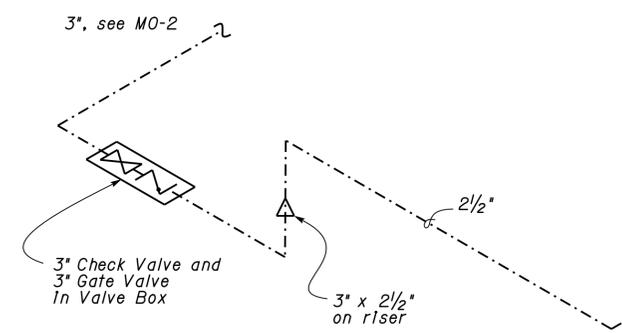
No Scale

EQUIPMENT

- EWB Electric Water Heater
10 Gal. capacity, 1.5 kW, 120 V - 1 Ph
- IWH Instant Water Heater
tankless, 3 kW, 120 V - 1 Ph
- Chiller 0.31 Gallon/minimum capacity,
0.56 kW compressor,
120 V - 1 Ph

Notes:

- 4 Gallon capacity (minimum), In-line type tank
Install a union and ball valve on supply line
to tank.



WOMEN'S COMFORT STATION PLUMBING ISOMETRIC

No Scale

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.
08R00002L
08R00002R
POST MILE
16.9

CORNING SRRA UPGRADE

PLUMBING ISOMETRIC

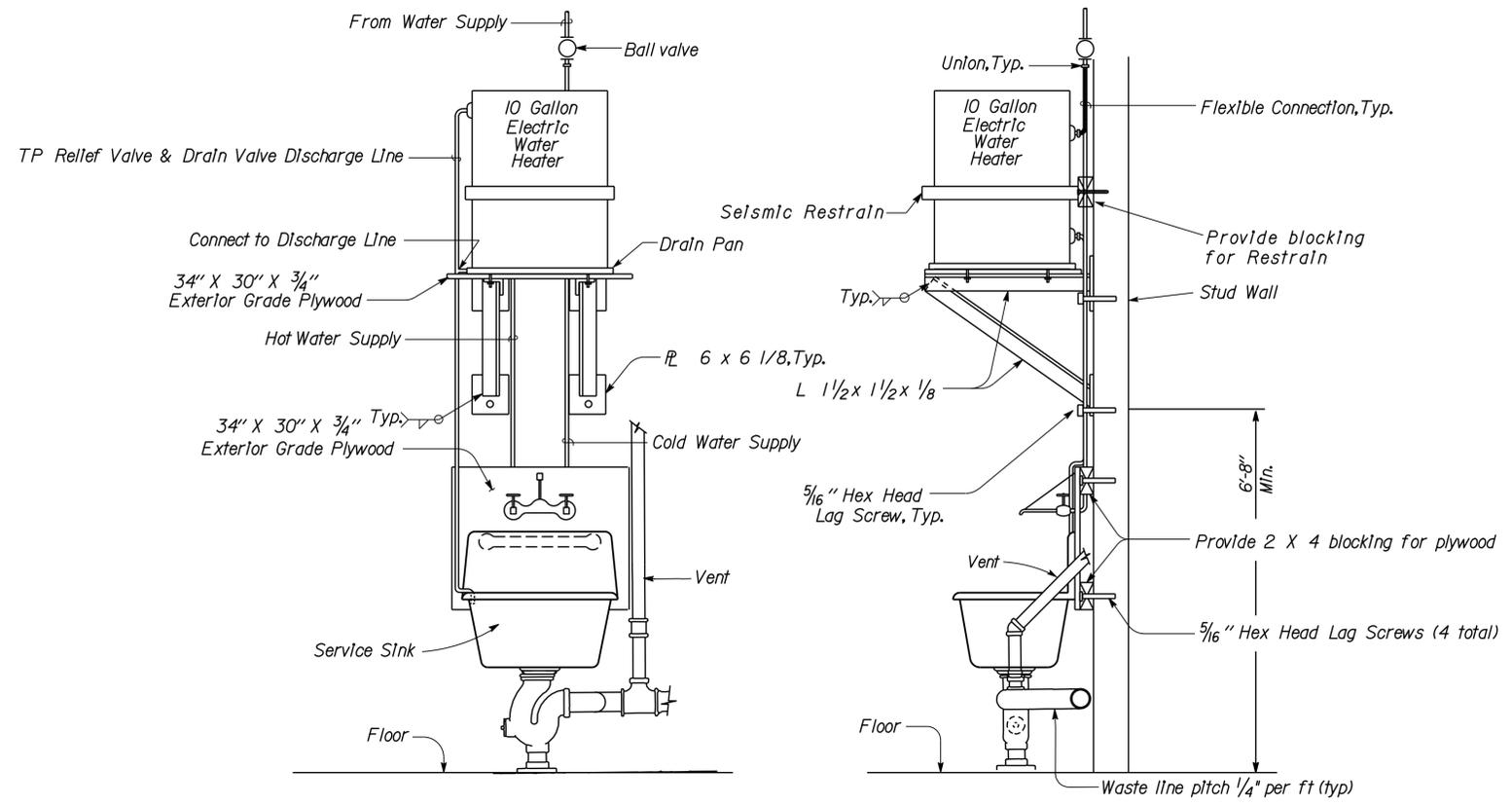
SHEET
M5-2

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	167	199


 REGISTERED MECHANICAL ENGINEER DATE 09-13-13
 No. 21648
 Exp. 6-30-15
 MECH
 STATE OF CALIFORNIA

4-1-14
 PLANS APPROVAL DATE
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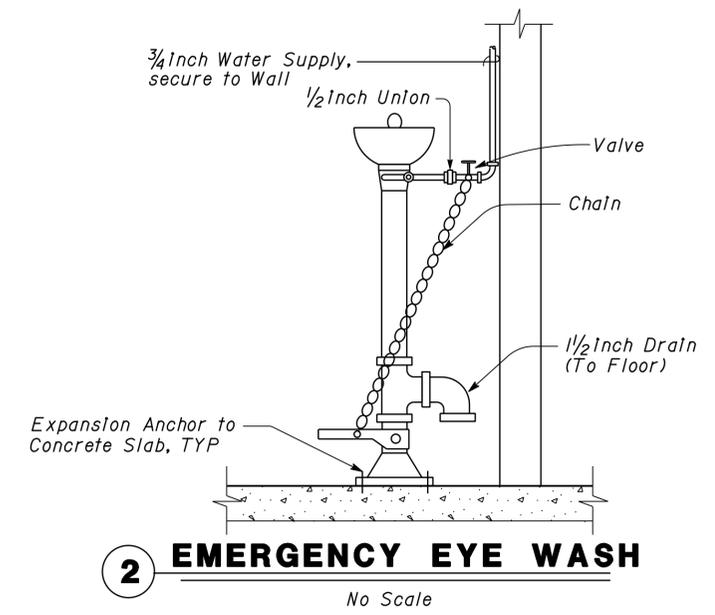
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015



FRONT VIEW **SIDE VIEW**

1 SERVICE SINK ROUGH-IN DETAIL
No Scale

Note:
Exterior Grade Plywood shall be painted as specified under Paint (for wood mounting panels) in section 16.04 of the Special Provisions.



2 EMERGENCY EYE WASH
No Scale

DESIGN BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i> DETAILS BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i> QUANTITIES BY <i>Alvin Kwan</i> CHECKED <i>Jack Wheeler</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRRA UPGRADE	SHEET M7-2 OF		
			PLUMBING DETAILS 2			REVISION DATES (PRELIMINARY STAGE ONLY) 05-08/11 06-06/11 08-06/11 09-13/13	SHEET OF
			UNIT PROJECT NUMBER & PHASE 3615 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	TAEMWW Imperial Rev. 7/10	EA 0E3601

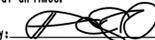
12-MAY-2015 14:08

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	168	199

 REGISTERED MECHANICAL ENGINEER DATE 09-13-13	
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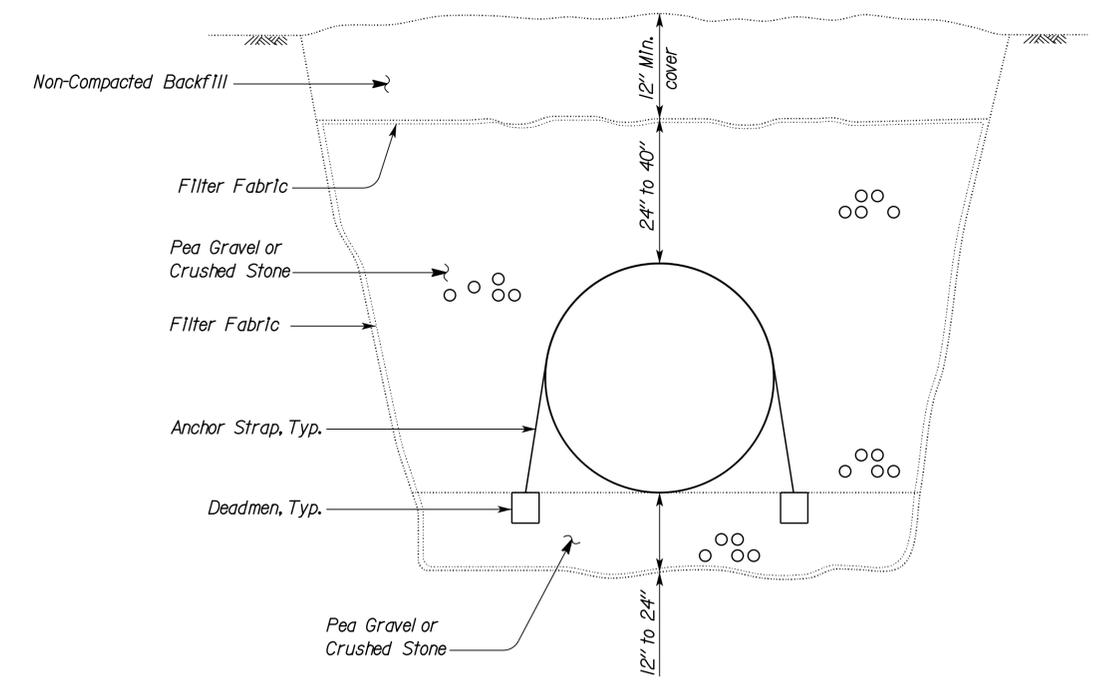
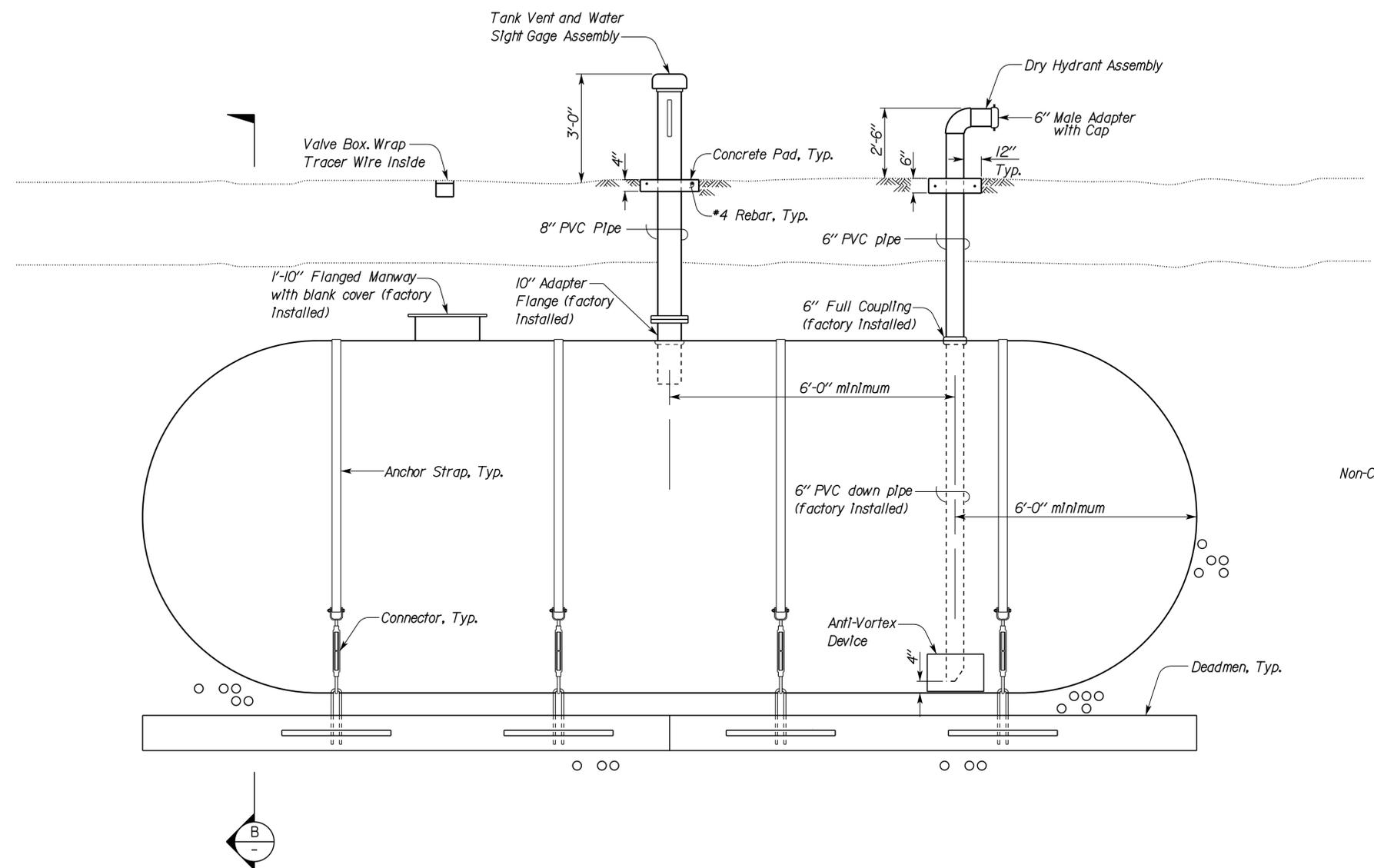
4-1-14
PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: 
FRANCIS SOLICH
 Approval date: 03-10-2015

- Notes:
1. Use pipe sleeve when pipe passes through concrete pad.
 2. Anchor straps, connectors, and deadmen to be tank manufacturer's standard anchoring design.
 3. Outlet of Dry Hydrant Assembly must be within 7' of paved area for access per Tehama County Fire Dept.

TANK DIAMETER	NOMINAL CAPACITY (GALLONS)	NOMINAL LENGTH	NOMINAL WEIGHT (Lbs)
10'	20,000	38'	5,900



FIRE PROTECTION WATER STORAGE TANK-20,000 GALLONS
 NO SCALE

SECTION B
 NO SCALE

DESIGN	BY Alvin Kwan	CHECKED Jack Wheeler
DETAILS	BY Alvin Kwan	CHECKED Jack Wheeler
QUANTITIES	BY Alvin Kwan	CHECKED Jack Wheeler

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

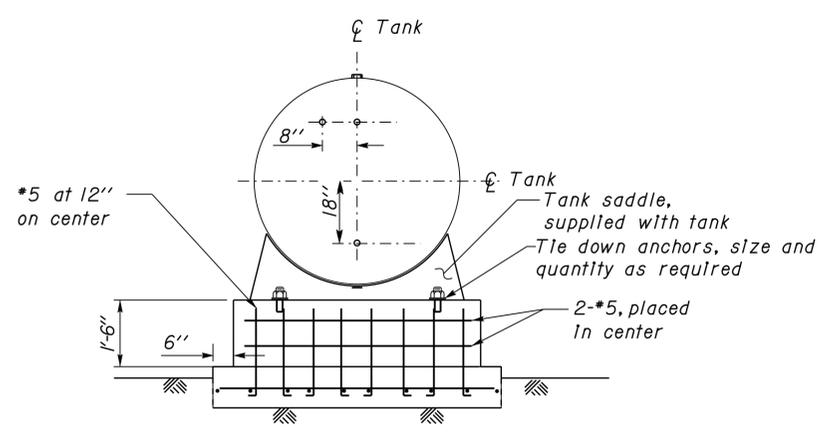
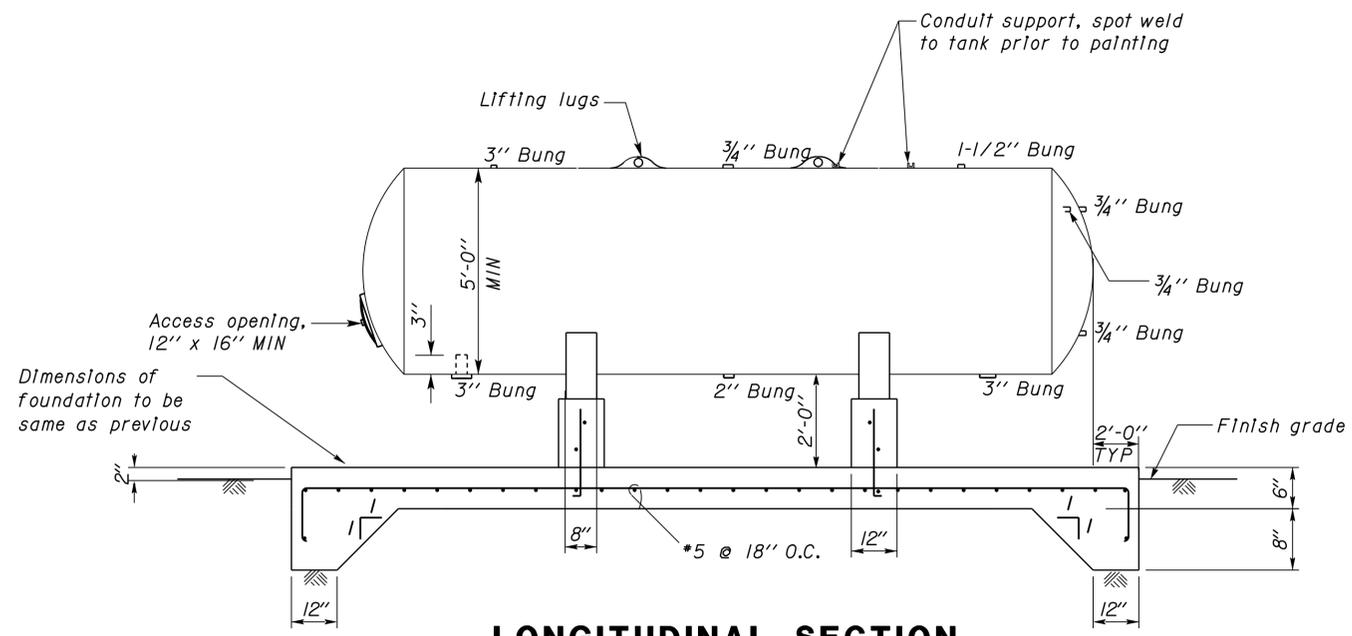
DIVISION OF ENGINEERING SERVICES
 ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN

CORNING SRRA UPGRADE

FIRE PROTECTION WATER STORAGE TANK

SHEET **M7-3** OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	169	199
 REGISTERED MECHANICAL ENGINEER DATE 09-13-13					
4-1-14 PLANS APPROVAL DATE					
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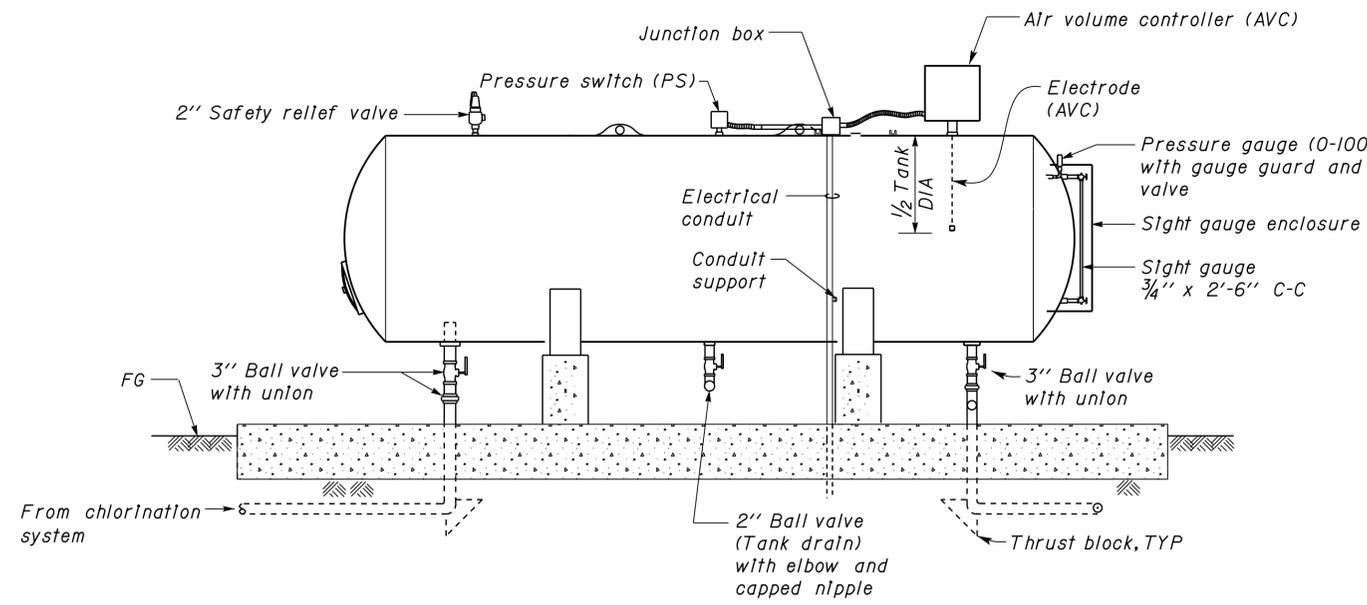
LONGITUDINAL SECTION

TRANSVERSE SECTION

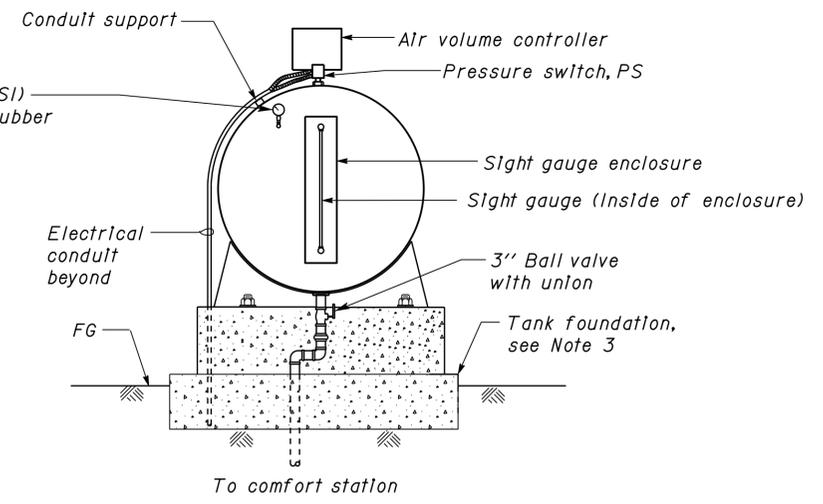
TANK FOUNDATION, SUPPORT AND SHELL DETAILS

NO SCALE

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FRANCIS SOLICH
 Approval date: 03-10-2015



SIDE VIEW



END VIEW

- Notes:**
- Sleeve all penetrations in concrete.
 - Tank shall be painted white.
 - Tank saddle and foundation size may vary depending on manufacturer.

A PRESSURE TANK - 1,450 GALLON (NOMINAL)

DESIGN	BY	Alvin Kwan	CHECKED	Jack Wheeler	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO. 08R00002L 08R00002R POST MILE 16.9	CORNING SRRA UPGRADE	SHEET M7-4	
	DETAILS	BY	Alvin Kwan	CHECKED						Jack Wheeler
	QUANTITIES	BY	Alvin Kwan	CHECKED						Jack Wheeler
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	UNIT PROJECT NUMBER & PHASE 3615 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	
TAEMWW Imperial Rev. 7/10					0	EA 0E3601	08-06-11 09-13-13		12-MAY-2015 14:08	

GRAPHIC SYMBOLS FOR ELECTRICAL WIRING AND LAYOUT DIAGRAMS

SYMBOL	DESCRIPTION
	SURFACE FLUORESCENT, METAL HALIDE OR SODIUM VAPOR FIXTURE
	RECESSED FLUORESCENT, METAL HALIDE, OR SODIUM VAPOR FIXTURE
	BLANK OUTLET
	JUNCTION BOX
	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 ALPHA-NUMERIC SYMBOL NEAR GRAPHIC LIGHTING FIXTURE SYMBOL DENOTES FIXTURE TYPE, (I=INCANDESCENT, F=FLUORESCENT, MH=METAL HALIDE, HPS=HIGH PRESSURE SODIUM VAPOR), DESIGN TYPE, NUMBER OF LAMPS AND WATTAGE.

EXAMPLE: (4) F 2 - 2 x 32

32 WATT LAMPS
2 LAMPS
DESIGN TYPE
FLUORESCENT
NUMBER OF FIXTURES

SYMBOL	DESCRIPTION
SM	MOTION SENSOR WALL SWITCH
ST	MANUAL MOTOR STARTING SWITCH, THERMAL OVERLOAD TYPE
SHP	MANUAL MOTOR STARTING SWITCH, WITHOUT OVERLOAD ELEMENT
Ts	TIMER SWITCH
	SWITCH AND SINGLE RECEPTACLE
	SWITCH AND DUPLEX RECEPTACLE
	HAND DRYER NOZZLE
H	HAND DRYER
	TELEPHONE OUTLET
	SOUND SYSTEM LOUD SPEAKER OUTLET
OH	OVERHEAD CABLES
T	THERMOSTAT
	PRESSURE SWITCH
WH	WATER HEATER
	FLOW SWITCH
PEC	PHOTOELECTRIC CELL
TV	TELEVISION OUTLET
	FLUSH-MOUNTED PANELBOARD AND CABINET
	SURFACE-MOUNTED PANELBOARD AND CABINET
	LIGHTING PANEL
	POWER PANEL
MC	MOTOR CONTROLLER
	DISCONNECT SWITCH
-----	CONDUIT CONCEALED IN CEILING OR WALL
-----	CONDUIT CONCEALED IN FLOOR
---x---	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 MUST BE SIZE 16 UNLESS OTHERWISE NOTED.
	HOMERUN TO PANELBOARD, ARROWS INDICATE NUMBER OF CIRCUITS, LETTER DENOTES PANELBOARD, NUMERAL DENOTES CIRCUIT.
SM	SURFACE METAL RACEWAY
(2) 16C, PVC, 2#12	CONDUCTOR INFO (PER CONDUIT) CONDUIT TYPE CONDUIT SIZE NUMBER OF CONDUITS (NO NUMBER INDICATES ONE CONDUIT)
MC	CONDUIT, METALLIC UNDERGROUND
PVC	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
	PEDESTRIAN-AREA ELECTROLIER

SYMBOL	DESCRIPTION
	KILOWATT-HOUR METER
	CCTV CAMERA
MV	POWER METER - VENDING
NB	NEUTRAL BUS
GB	GROUND BUS
CHLF	COMBINATION HEAT, LIGHT AND FAN UNIT
A	SECTION/ELEVATION LETTER
EE-2	SHEET NUMBER
I	DETAIL NUMBER
EE-2	SHEET NUMBER

EXISTING SYMBOLS

SYMBOL	DESCRIPTION
	HIGHWAY LIGHTING CABINET (EXISTING, TO REMAIN)
---e---	EXISTING CONDUIT AND CONDUCTORS-TO REMAIN UNLESS OTHERWISE NOTED
	EXISTING METER & DISCONNECT, MOUNTED ON 1.8M HIGH METAL POST

STANDARD NOTES

RELOCATED EQUIPMENT.

CALIFORNIA STATE FIRE MARSHAL
APPROVED

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Reviewed by: FRANCIS SOLICH
Approval date: 03-10-2015

GRAPHIC SYMBOLS FOR ELECTRICAL DIAGRAMS

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER, SINGLE POLE
	CIRCUIT BREAKER, DOUBLE POLE
	CIRCUIT BREAKER, THREE POLE
GFCI	CIRCUIT BREAKER, WITH GROUND FAULT CIRCUIT INTERRUPTER
	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
	OPERATING COIL
	TIMER SWITCH
	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
	TRANSFORMER WINDING
	GROUNDING ELECTRODE
	ENCLOSURE BOND
	PILOT LIGHT (A=AMBER, G=GREEN, R=RED)
M	MOTOR
F	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	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	170	199

Eric Greve
REGISTERED ELECTRICAL ENGINEER
DATE 9-13-13

4-1-14
PLANS APPROVAL DATE

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ABBREVIATIONS

A/C	AIR CONDITIONING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALARM LIGHT
AR	ALARM RESET
AT	ALARM TEST SWITCH
BRK	BREAKER
CD	CONTROL DISCONNECT
CHP	CALIFORNIA HIGHWAY PATROL
CR	CONTROL RELAY
DP	DUPLEX PLUG RECEPTACLE
(E)	EXISTING
EF	EXHAUST FAN
FS	FLOAT SWITCH
GB	GROUND BUS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
IFS	INTERGRATED FACILITY SWITCHBOARD
ISR	INTRINSICALLY SAFE RELAY
JB	JUNCTION BOX
L	LIGHT
LC	LIGHTING CONTACTOR
LCP	LIGHTING CONTROL PANEL
LD	LIGHT DISCONNECT
LL	LIQUID LEVEL RELAY
LLC	LIQUID LEVEL CONTROLLER
LP	LIGHT PANEL
LS	LIGHT SWITCH
LT	LIGHT TRANSFORMER
MB	MAIN BREAKER
MC	METALLIC CONDUIT
MH	METAL HALIDE
MSB	MAIN SWITCHBOARD
N	NEUTRAL
OL	OVERLOAD
PB	PUSHBUTTON
PD	PUMP DISCONNECT
PG&E	PACIFIC GAS AND ELECTRIC COMPANY
PL	PILOT LIGHT
S	STARTER COIL
SFR	SEAL FAILURE RELAY
SMB	SEWAGE PUMP MAIN BREAKER
SPR	STANDBY POWER RECEPTACLE
SRRA	SAFETY ROADSIDE REST AREA
SS	SELECTOR SWITCH
ST	STARTER
T	TRANSFORMER
TB	TERMINAL BLOCK
TDR	TIME DELAY RELAY
TELCO	TELEPHONE COMPANY
TM	TIME METER
TS	TIMER SWITCH
TS	TUBE STEEL
TSW	TEST SWITCH
TTB	TELEPHONE TERMINAL BOARD
WP	WEATHERPROOF
Ø	PHASE

DESIGN BY Eric Greve CHECKED Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EE0-1
			POST MILE 10.5		
			LEGEND		
DETAILS BY Eric Greve CHECKED Eric Greve	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT 3618 PROJECT NUMBER & PHASE 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES 6/6/11	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

DOES SD Imperial Rev. 1/07

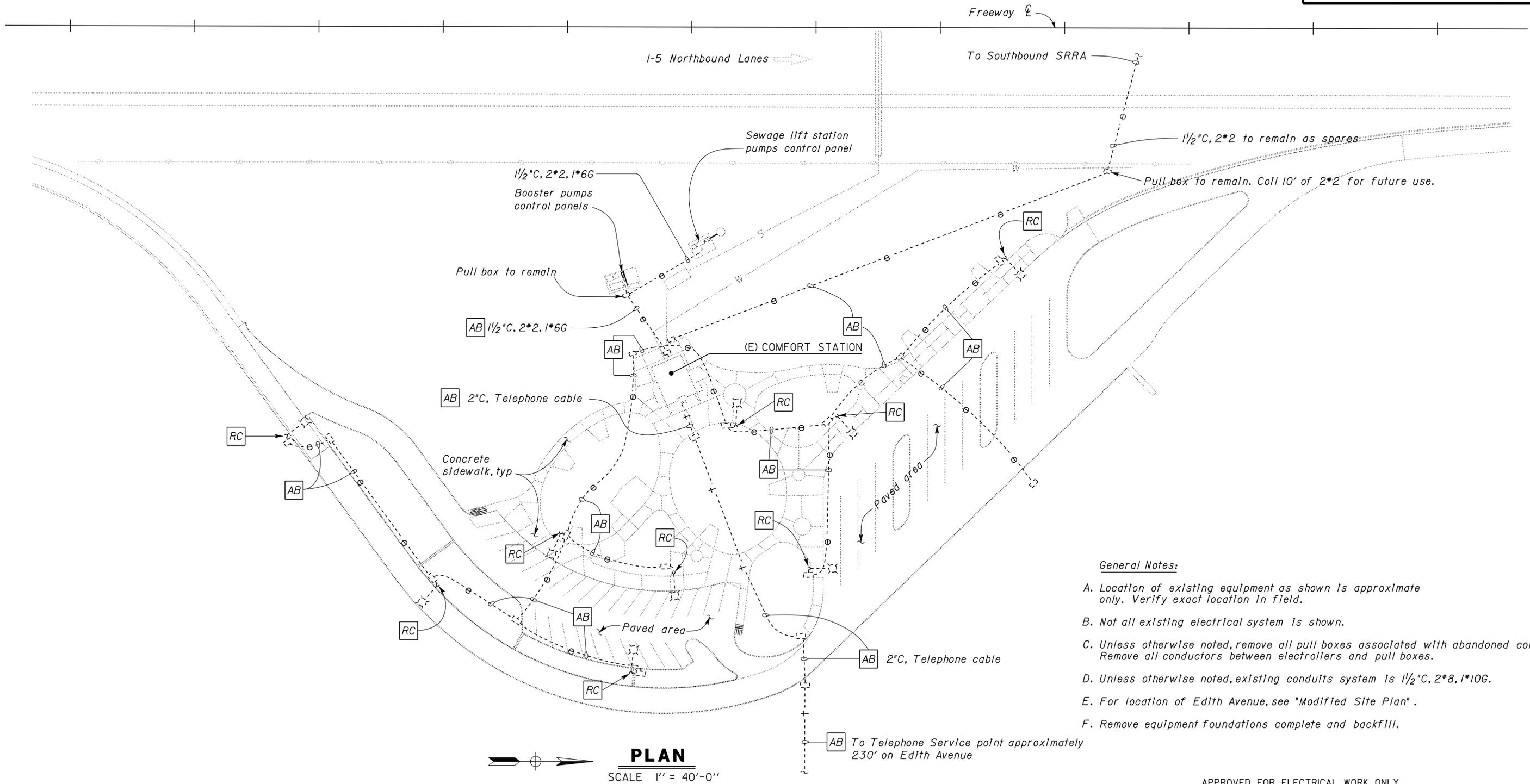
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	171	199

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>Francis Solich</i> Approval date: 03-10-2015		9-13-13 DATE
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4-1-14 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. Location of existing equipment as shown is approximate only. Verify exact location in field.
 - B. Not all existing electrical system is shown.
 - C. Unless otherwise noted, remove all pull boxes associated with abandoned conduits. Remove all conductors between electroliners and pull boxes.
 - D. Unless otherwise noted, existing conduits system is 1/2\"C, 2*2, 1*10G.
 - E. For location of Edith Avenue, see "Modified Site Plan".
 - F. Remove equipment foundations complete and backfill.

PLAN
 SCALE 1" = 40'-0"

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN SUPERVISOR <i>John Schreff</i> DESIGN ENGINEER <i>Alan M. Torres</i>	DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EE0-2
	DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>			POST MILE 10.5		
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES 6/6/11	EXISTING SITE PLAN I REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF ee0_02.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	172	199

Eric Greve
REGISTERED ELECTRICAL ENGINEER
DATE 9-15-15

4-1-14
PLANS APPROVAL DATE

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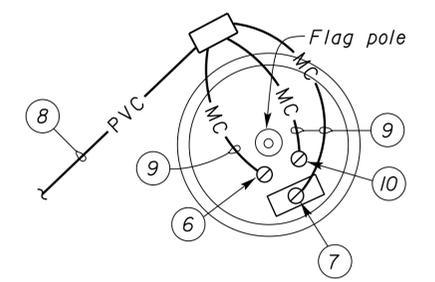
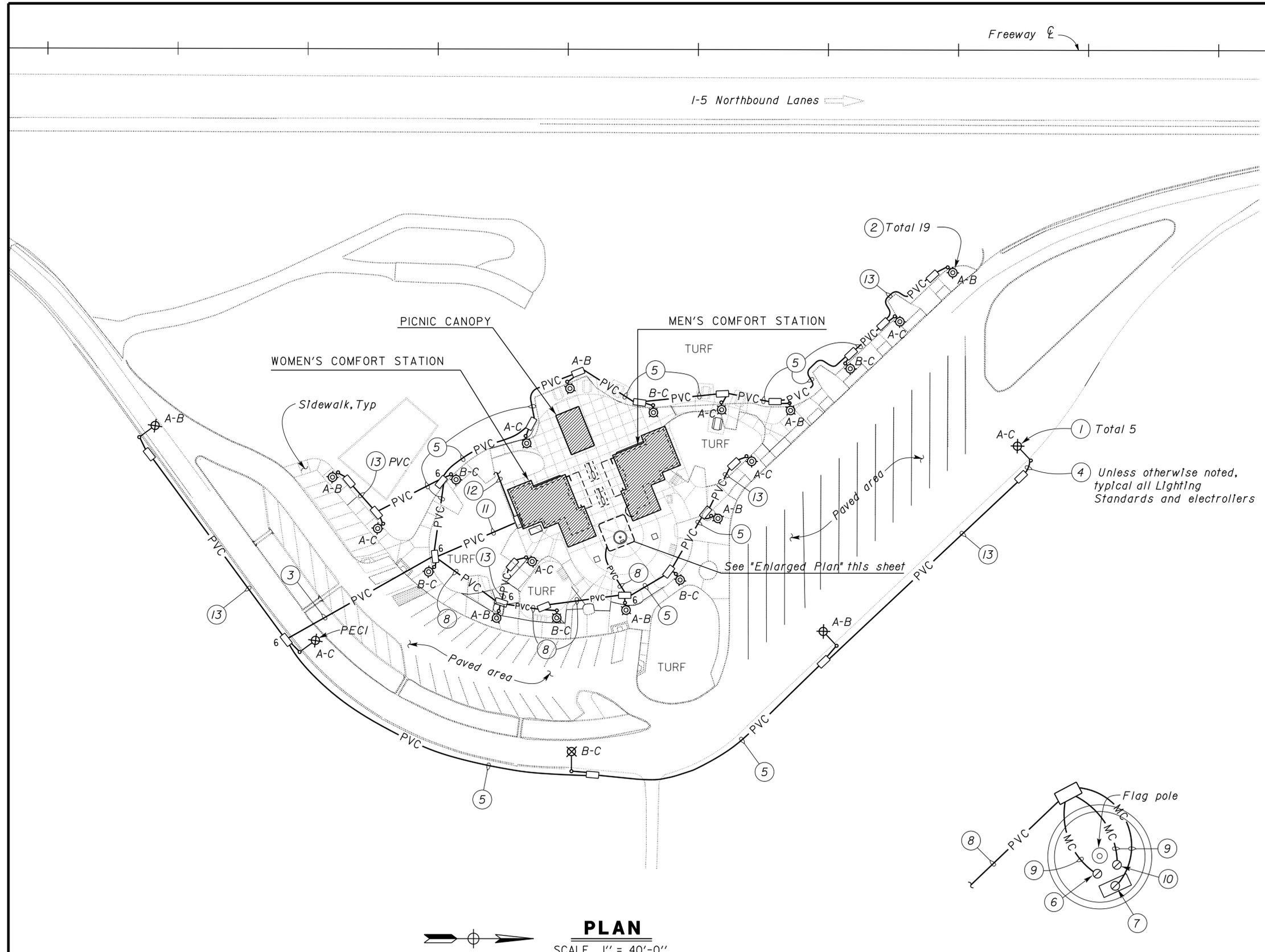


CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

Reviewed by: FRANCIS SOLICH
Approval date: 03-10-2015

- General Notes:**
- A. Area lights supplied by 277/480 V, 3-phase, 4-wire system from "Area lights control panel" in women's wing IFS. Lights marked A-B shall be connected to phases A and B. Lights marked A-C shall be connected to phases A and C. Lights marked B-C shall be connected to phases B and C.
 - B. Jack conduit underneath existing paved surfaces where required.
 - C. Pedestrian and perimeter lighting standards shall be connected in a manner so that load on all phases is equal.
 - D. Sawcut existing paved surfaces at places where required for installation of underground conduit system, pull box and pedestrian electroliners. Patch affected surfaces to match existing surface.

- Notes:**
- ① Perimeter electroliner, Type 30 Lighting Standard, 310 W, HPS, 480 V, see Standard Plan sheet RSP ES-6E for details
 - ② Pedestrian area electroliner, 70 W, MH, 480 V, see sheet EEO-11 for details
 - ③ 1/2" C, 3*10, 3*14 (PECI), 1*12G
 - ④ 1" C, 2*14, 1*12G
 - ⑤ 1/2" C, 3*10, 1*12G
 - ⑥ Flag light, 100 W, MH, 277 V, phase B
 - ⑦ Sign light, 70 W, MH, 277 V, phase C
 - ⑧ 1/2" C, 4*10, 1*12G
 - ⑨ 3/4" C, 2*12, 1*12G
 - ⑩ Flag light, 100 W, MH, 277 V, phase A
 - ⑪ 1/2" C, 4*10, 3*14 (PECI), 1*12G
 - ⑫ 1/2" C, 4*2, 1*6G, for continuation see sheet EEO-4
 - ⑬ 1/2" C, 2*10, 1*12G



PLAN
SCALE 1" = 40'-0"

ENLARGED PLAN
NO SCALE

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY Eric Greve CHECKED Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET
			POST MILE 10.5	NORTHBOUND	EEO-3	
DETAILS BY Eric Greve CHECKED Eric Greve			MODIFIED SITE PLAN I		REVISION DATES (PRELIMINARY STAGE ONLY)	
QUANTITIES BY Eric Greve CHECKED Eric Greve					6/6/11	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF		

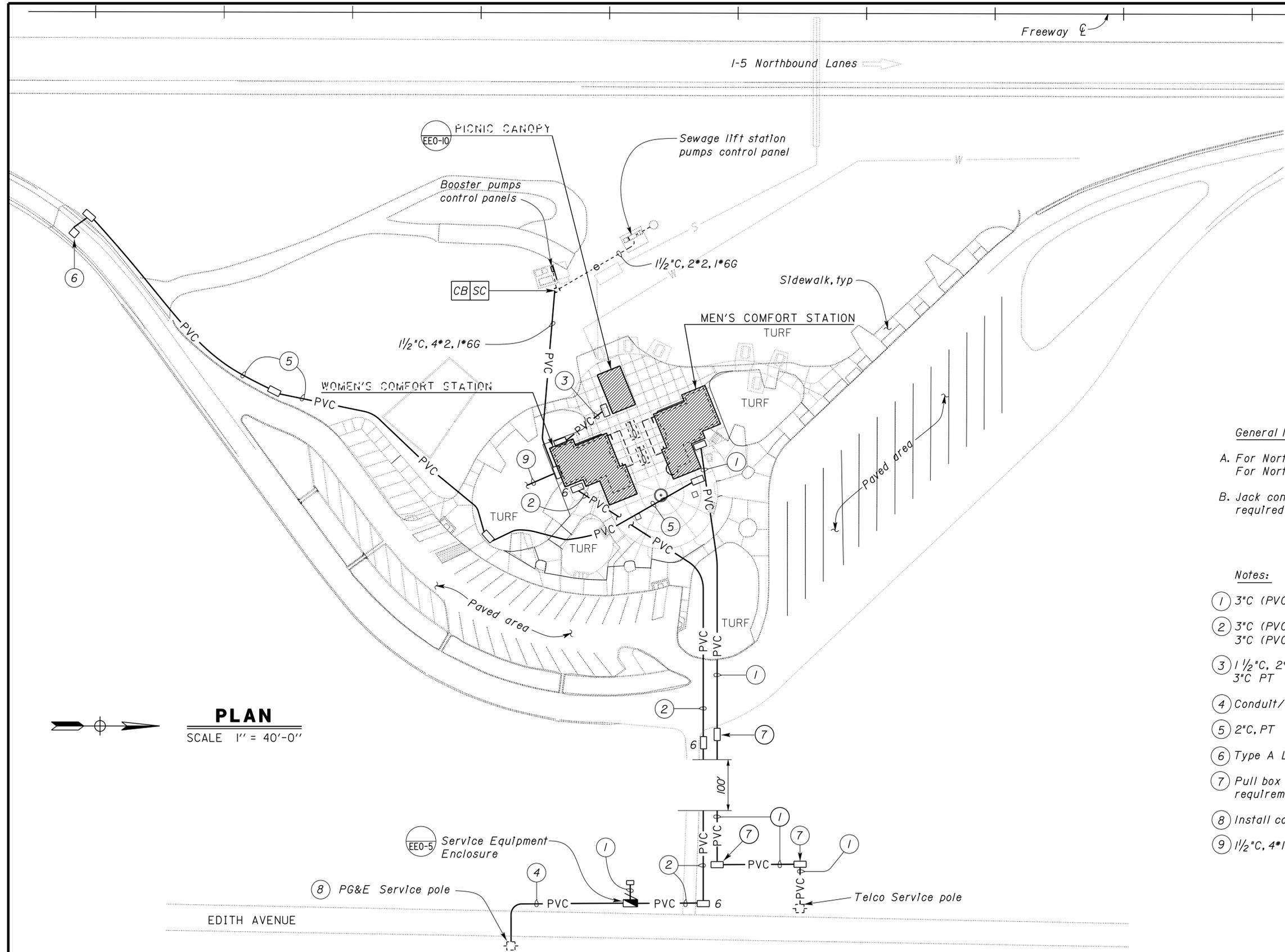
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	173	199

<i>Eric Greve</i>	9-13-13	REGISTERED ELECTRICAL ENGINEER DATE
REGISTERED ELECTRICAL ENGINEER	DATE	
4-1-14 PLANS APPROVAL DATE		

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CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: *Francis Solich*
FRANCIS SOLICH
Approval date: 03-10-2015



General Notes:
A. For Northbound Women's wing, see sheet EE1-1 thru EE1-6. For Northbound Men's wing, see sheets EE2-1 thru EE2-7.
B. Jack conduit underneath existing paved surface where required.

- Notes:**
- ① 3"C (PVC), PT
 - ② 3"C (PVC), 4*2/0, 1*6G
3"C (PVC), PT
 - ③ 1 1/2"C, 2*10 (Travelers Information Kiosk Lighting), 1*10G, 3"C PT
 - ④ Conduit/Conductor per Utility Co. requirements
 - ⑤ 2"C, PT
 - ⑥ Type A Loop detector, see Standard Plan sheet RSP ES-5A
 - ⑦ Pull box type and size shall conform with Utility Company requirements
 - ⑧ Install conduit riser per PG&E requirements
 - ⑨ 1 1/2"C, 4*10, 3*14 (PECI), 1*12G. See sheet EE0-3 for continuation.

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET EEO-4	
			08R0002R	MODIFIED SITE PLAN 2			
			POST MILE 10.5	NORTHBOUND			
DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	6/6/11					12-MAY-2015 14:09 ee0_04.dgn

General Note:

- A. Dimensions shown are nominal. Dimensions of Service Pedestal shall be sufficient to accommodate the mounting of all equipment as shown and shall meet the requirements of the service utility.
- B. Provide nameplates. Inscriptions are contained within quotation marks.
- C. For additional information not shown see Standard Plan RSP ES-2G.

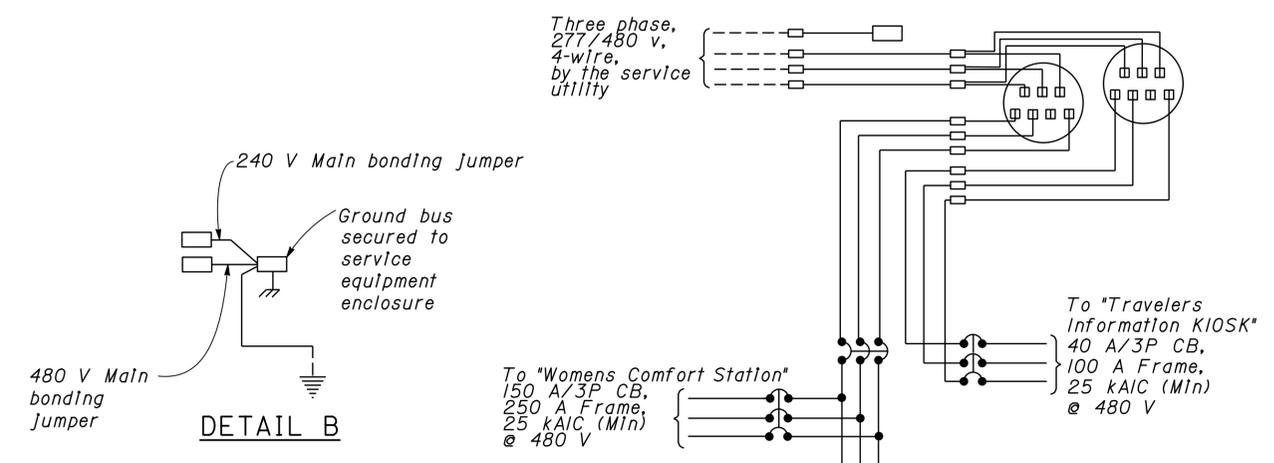
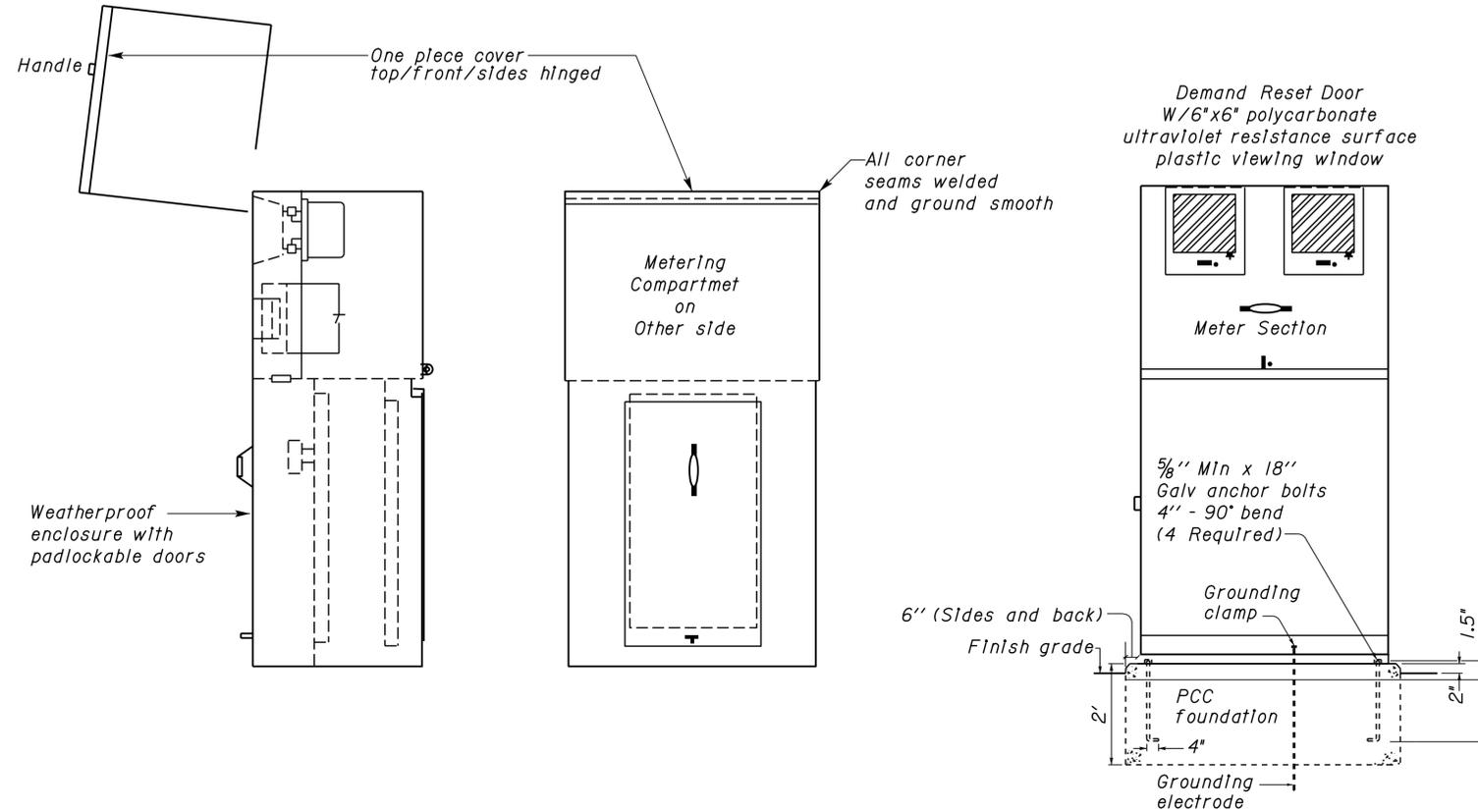
CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approvals subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	174	199

<i>Eric Greve</i>	9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE

4-1-14
PLANS APPROVAL DATE

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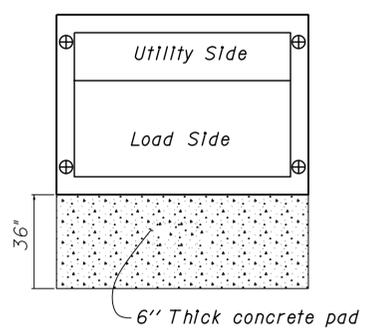
277/480 V SERVICE WIRING DIAGRAM (TYPICAL)

NO SCALE

SIDE VIEW Meter's cover in open position
REAR VIEW (Pull section cover in place)
FRONT VIEW (Weatherproof cover in place)

SERVICE EQUIPMENT ENCLOSURE

480 V three-phase
 NO SCALE



BASE FOR SERVICE EQUIPMENT ENCLOSURE

NO SCALE



1 WARNING LABEL*
 NO SCALE

* Warning label must be constructed with high degree of chemical abrasion, heat resistance and UL recognized material. Labels must comply with NFPA 70, NFPA 70E, and ANSI Z535.4.

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN	BY	Eric Greve	CHECKED	Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No.	08R0002L	CORNING S.R.R.A. UPGRADE SERVICE EQUIPMENT (NORTHBOUND)	SHEET EEO-5	
	DETAILS	BY	Dali Zhou	CHECKED			Eric Greve	POST MILE			08R0002R
	QUANTITIES	BY	Eric Greve	CHECKED			Eric Greve	POST MILE			10.5
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	UNIT PROJECT NUMBER & PHASE	3618 02000000301	
DISREGARD PRINTS BEARING EARLIER REVISION DATES								REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
								5/28/10 6/6/11		ee0_05.dgn	

12-MAY-2015 14:09

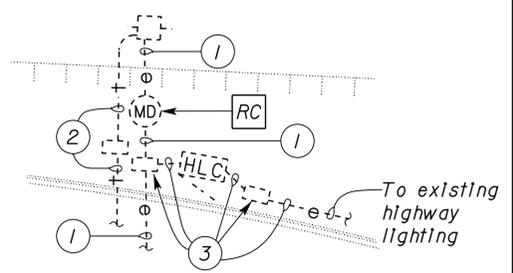
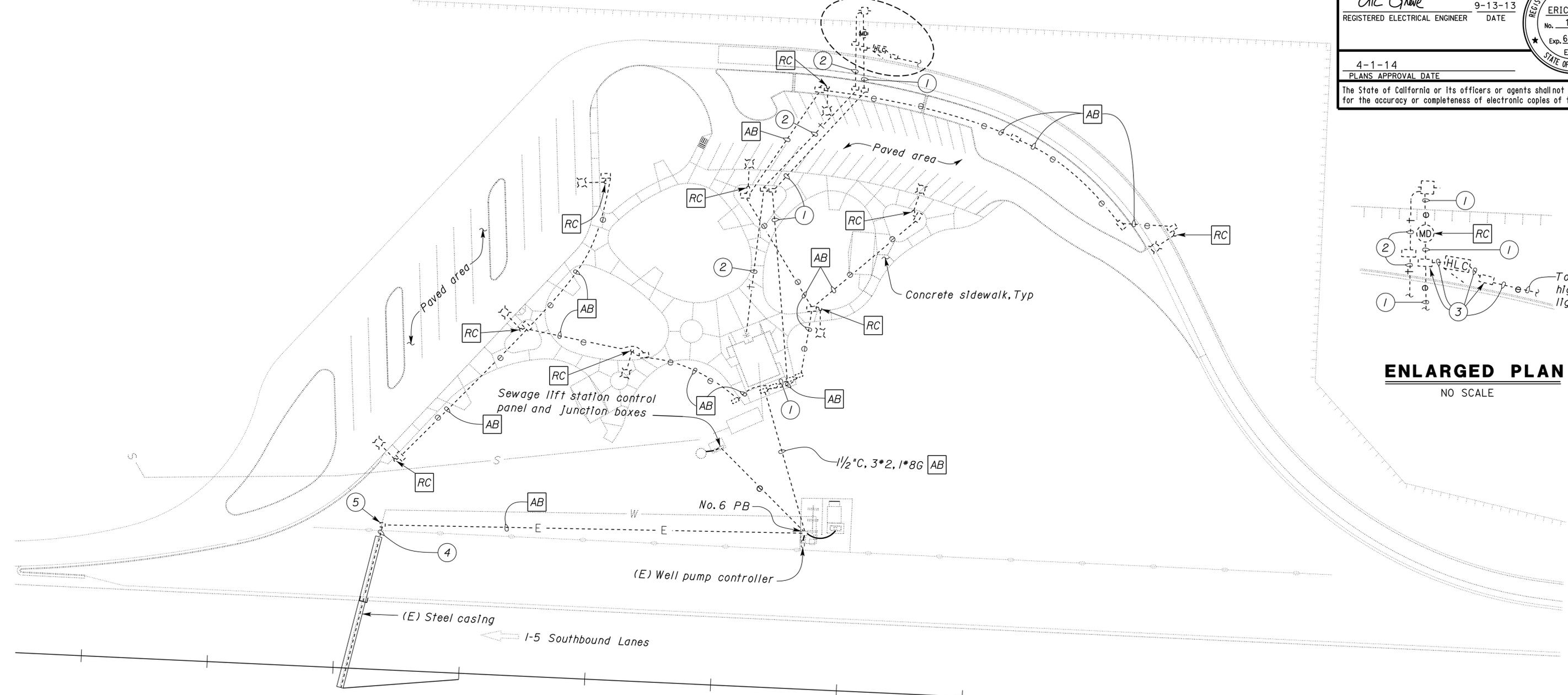
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	175	199

Eric Greve
REGISTERED ELECTRICAL ENGINEER
DATE 9-13-13
PLANS APPROVAL DATE 4-1-14

REGISTERED PROFESSIONAL ENGINEER
ERIC GREVE
No. 14791
Exp. 6-30-15
ELEC
STATE OF CALIFORNIA

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R/W See "Enlarged Plan" this sheet



ENLARGED PLAN
NO SCALE

General Notes:

- A. Location of existing equipment as shown is approximate only. Verify exact location in field.
- B. Not all existing electrical system is shown.
- C. Unless otherwise noted, remove all pull boxes between conduits to be abandoned. Unless otherwise noted remove all conductors between controllers and pull boxes.
- D. Unless otherwise noted, existing conduit system is 1/2" C, 2*8 1*10G.
- E. Remove equipment foundations complete and backfill.



Notes:

- 1 AB 2" C, 3*2.
- 2 AB 1/2" C, Telephone cable.
- 3 Conduit, conductors and pull box to remain.
- 4 1/2" C, 2*2 to remain as spares
- 5 Pull box to remain. Coll 10' of 2*2 for future use.

CALIFORNIA STATE FIRE MARSHAL APPROVED

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

Reviewed by: *[Signature]*
FRANCIS SOLICH
Approval date: 03-10-2015

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SOUTHBOUND	EXISTING SITE PLAN I	SHEET OF EEO-6
					POST MILE 10.5				
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES 6/6/11	SHEET OF			12-MAY-2015 14:08

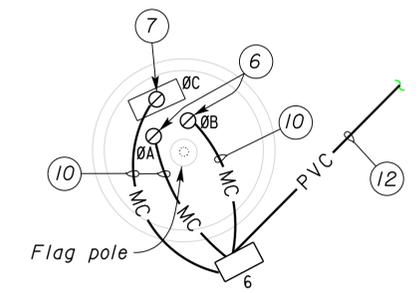
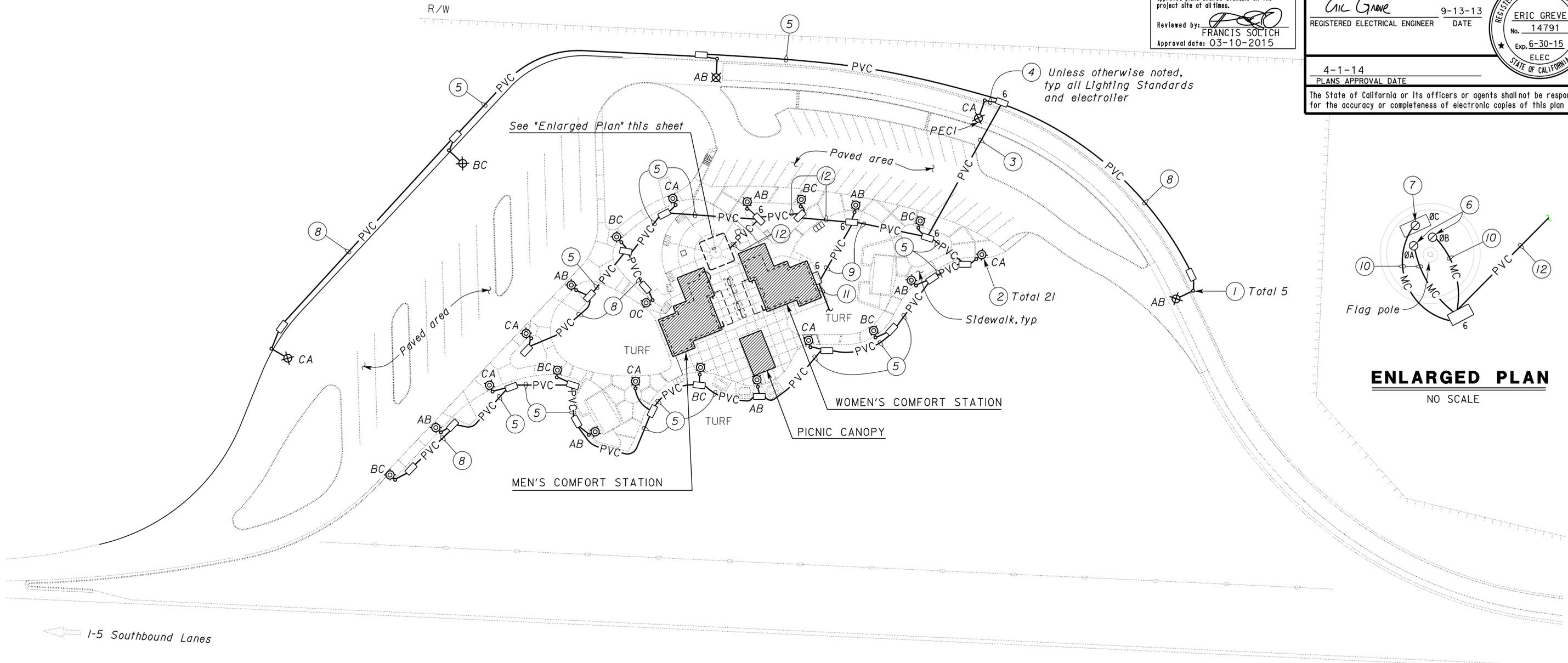
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: FRANCIS SOLICH
 Approval date: 03-10-2015

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	176	199

ERIC GREVE REGISTERED ELECTRICAL ENGINEER	9-13-13 DATE
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4-1-14 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.



ENLARGED PLAN
NO SCALE

General Notes:

- A. Area lights supplied by 277/480 V, 3-phase, 4-wire system from "Area Lights Control Panel" in Women's wing IFS. Connect individual electrolers to Phases AB, BC or CA, as shown on this plan sheet.
- B. Jack conduit underneath existing paved surface where required.
- C. Pedestrian and perimeter lighting standards shall be connected in a manner so that load on all phases is equal.
- D. Sawcut existing paved surfaces at places where required for installation of underground conduit system, pull box and pedestrian electrolers. Patch affected surfaces to match existing surface.

Notes:

- 1 Perimeter electroler, Type 30 Lighting Standard, 310 W, HPS, 480 V, see Standard Plan sheet RSP ES-6E for details
- 2 Pedestrian area electroler, 70 W (MH), 480 V, see sheet EE0-11 for details
- 3 1 1/2" C, 3*10, 3*14 (PECI), 1*12G
- 4 1" C, 2*14, 1*12G
- 5 1 1/2" C, 3*10, 1*12G
- 6 Flag light, 100 W, MH, 277 V
- 7 Sign light 70 W, MH, 277 V
- 8 1 1/2" C, 2*10, 1*12G
- 9 1 1/2" C, 4*10, 3*14 (PECI), 1*12G
- 10 3/4" C, 2*12, 1*12G
- 11 2" C, 3*2, 1*8G, see sheet EE0-8 for continuation
- 12 1 1/2" C, 4*10, 1*12G



PLAN
SCALE 1"=40'-0"

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY Eric Greve CHECKED Eric Greve	DETAILS BY Eric Greve CHECKED Eric Greve	QUANTITIES BY Eric Greve CHECKED Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET
					POST MILE 10.5	SOUTHBOUND	MODIFIED SITE PLAN I	EE0-7
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					UNIT PROJECT NUMBER & PHASE 3618 02000000301	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
DOES SD Imperial Rev. 1/07					DISREGARD PRINTS BEARING EARLIER REVISION DATES		6/6/11	14708

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	177	199

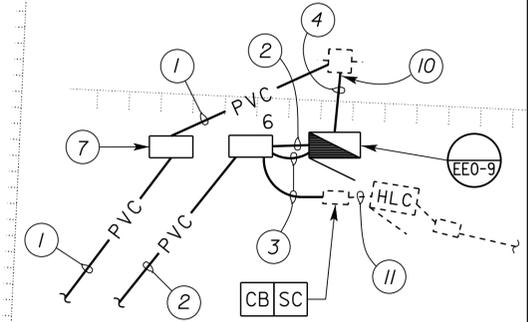
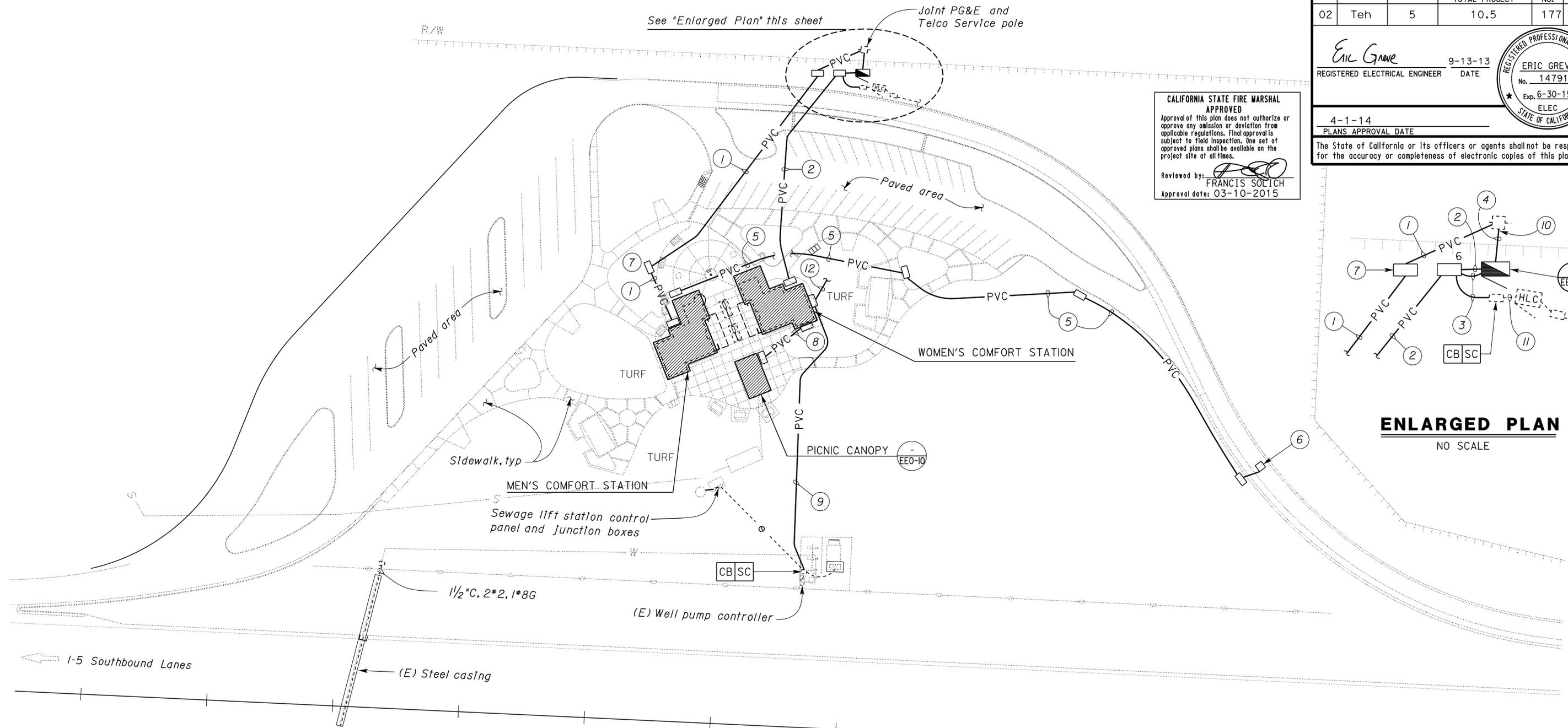
<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14	PLANS APPROVAL DATE
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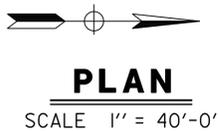
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *Francis Solich*
 Approval date: 03-10-2015



ENLARGED PLAN
NO SCALE

General Notes:

- A. For Southbound Women's wing, see sheets EE1-1 thru EE1-4, EE1-6 and EE1-7. For Southbound Men's wing, see sheets EE2-1 thru EE2-7.
- B. Jack conduit underneath existing paved surface where required.



Notes:

- ① 3"C, PT
- ② 3"C (PVC), 4*1/0, 1*6G
3"C (PVC), PT
- ③ 1/2"C, (PVC), 2*12, 1*8G. (To existing highway lighting cabinet)
- ④ 4"C, (PVC), PT
- ⑤ 2"C, PT
- ⑥ Type A Loop detector, see Standard Plan, sheet RSP ES-5A.
- ⑦ Pull box type and size shall conform with Utility Company requirements
- ⑧ 3"C, PT
1/2"C, 2*10 (Travelers Information kiosk lighting), 1*10G.
- ⑨ 2"C (PVC), 3*2, 1*8G
- ⑩ Install conduit riser per PG&E requirements
- ⑪ Add 1*8G inside existing conduit and connect to existing ground bus
- ⑫ 1/2"C, 4*10, 3*14 (PECI), 1*12G. See sheet EE-07 for continuation

THIS DRAWING APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET EE0-8
					POST MILE 10.5	SOUTHBOUND	MODIFIED SITE PLAN 2	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
					6/6/11	REVISION DATES (PRELIMINARY STAGE ONLY)		

General Note:

- A. Dimensions shown are nominal. Dimensions of Service Pedestal shall be sufficient to accommodate the mounting of all equipment as shown and shall meet the requirements of the service utility.
- B. Provide nameplates. Inscriptions are contained within quotation marks.
- C. For additional information not shown see Standard Plan RSP ES-2G.

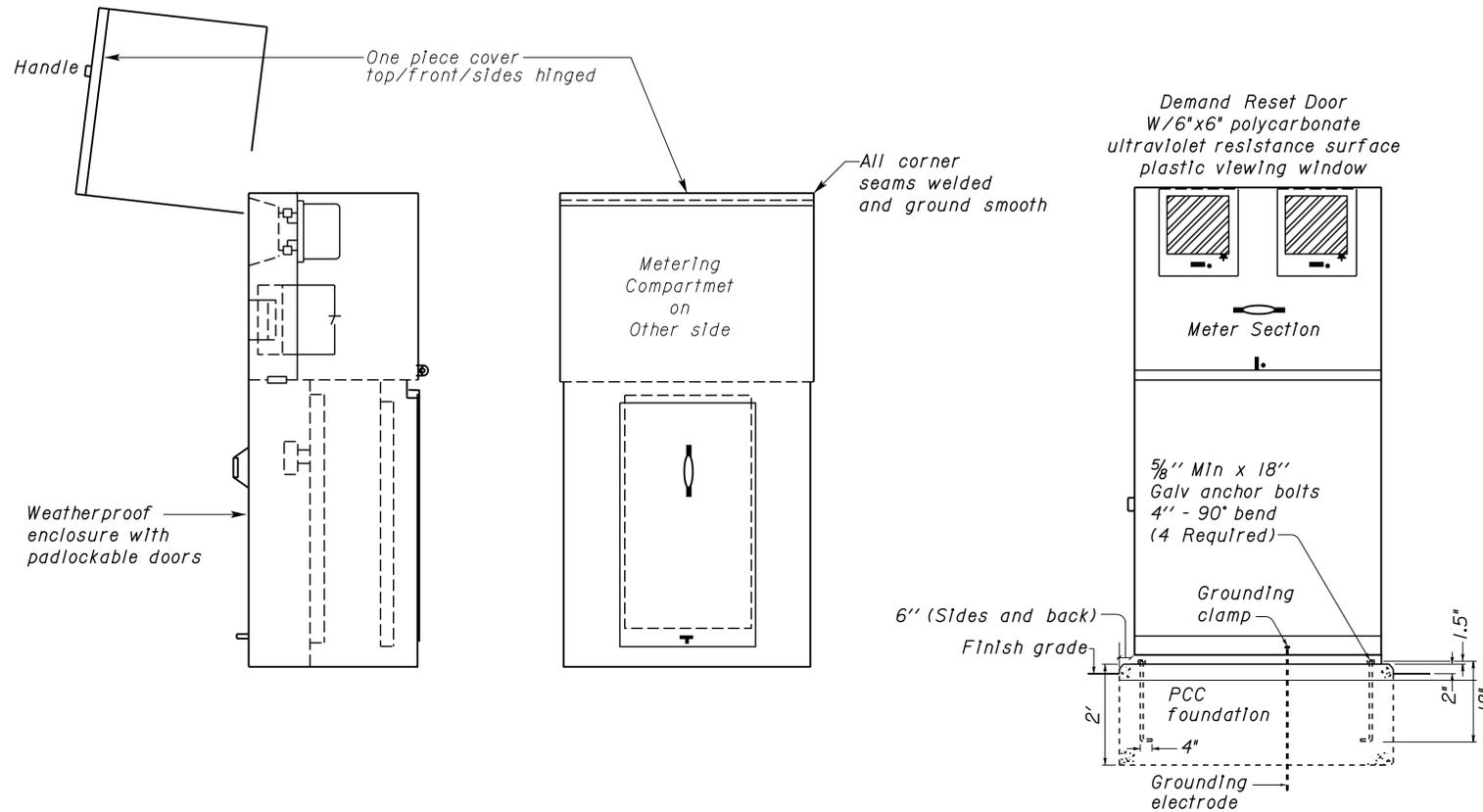
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: FRANCIS SOLICH
 Approval date: 03-10-2015

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	178	199

ERIC GREVE		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14
PLANS APPROVAL DATE

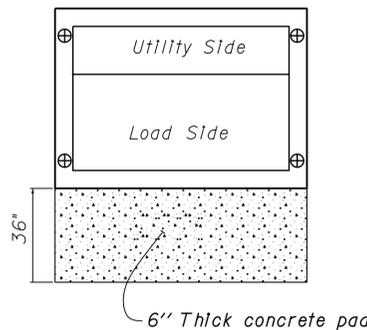
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



SIDE VIEW Meter's cover in open position
REAR VIEW (Pull section cover in place)
FRONT VIEW (Weatherproof cover in place)

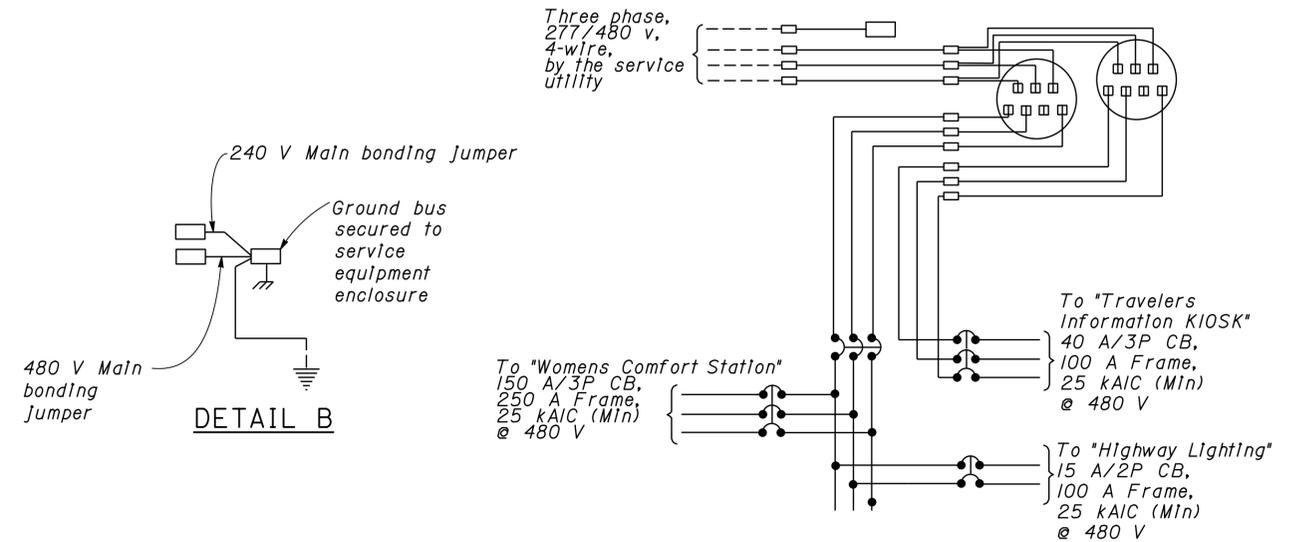
SERVICE EQUIPMENT ENCLOSURE

480 V three-phase
 NO SCALE



BASE FOR SERVICE EQUIPMENT ENCLOSURE

NO SCALE



277/480 V SERVICE WIRING DIAGRAM (TYPICAL)

NO SCALE



1 WARNING LABEL
 NO SCALE

* Warning label must be constructed with high degree of chemical abrasion, heat resistance and UL recognized material. Labels must comply with NFPA 70, NFPA 70E, and ANSI Z535.4.

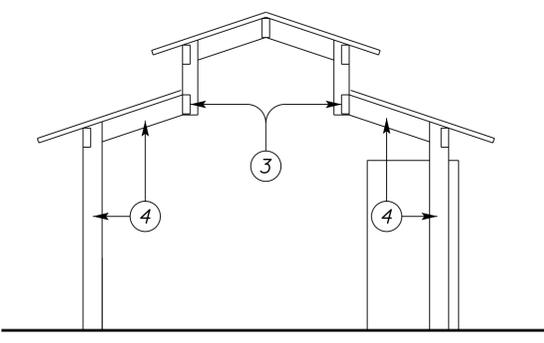
APPROVED FOR ELECTRICAL WORK ONLY

DESIGN	BY	Eric Greve	CHECKED	Eric Greve	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L 08R0002R POST MILE 10.5	CORNING S.R.R.A. UPGRADE SERVICE EQUIPMENT (SOUTHBOUND)	SHEET						
	DETAILS	BY	Dali Zhou	CHECKED					Eric Greve	EEO-9					
	QUANTITIES	BY	Eric Greve	CHECKED					Eric Greve						
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0	1	2	3	UNIT PROJECT NUMBER & PHASE	3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	5/28/10 6/6/11	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	179	199

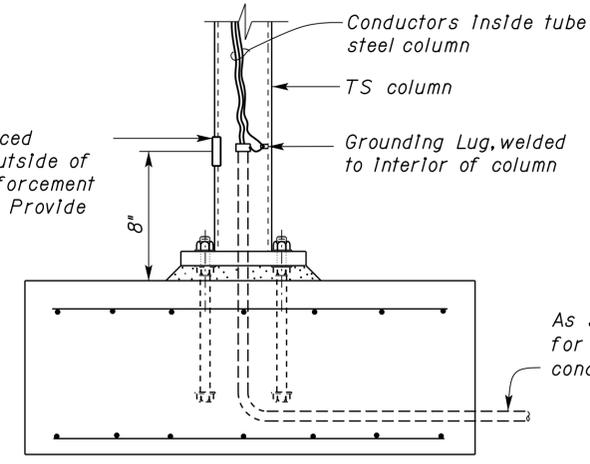
Eric Greve REGISTERED ELECTRICAL ENGINEER	9-13-13 DATE
4-1-14 PLANS APPROVAL DATE	
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.	

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by:
FRANCIS SOLICH
 Approval date: 03-10-2015



A ELEVATION
NO SCALE

3"x4" handhole reinforced with ring, welded to outside of column. Handhole reinforcement ring shall be 1/4" x 2". Provide handhole cover.



1 FOOTING DETAIL
NO SCALE

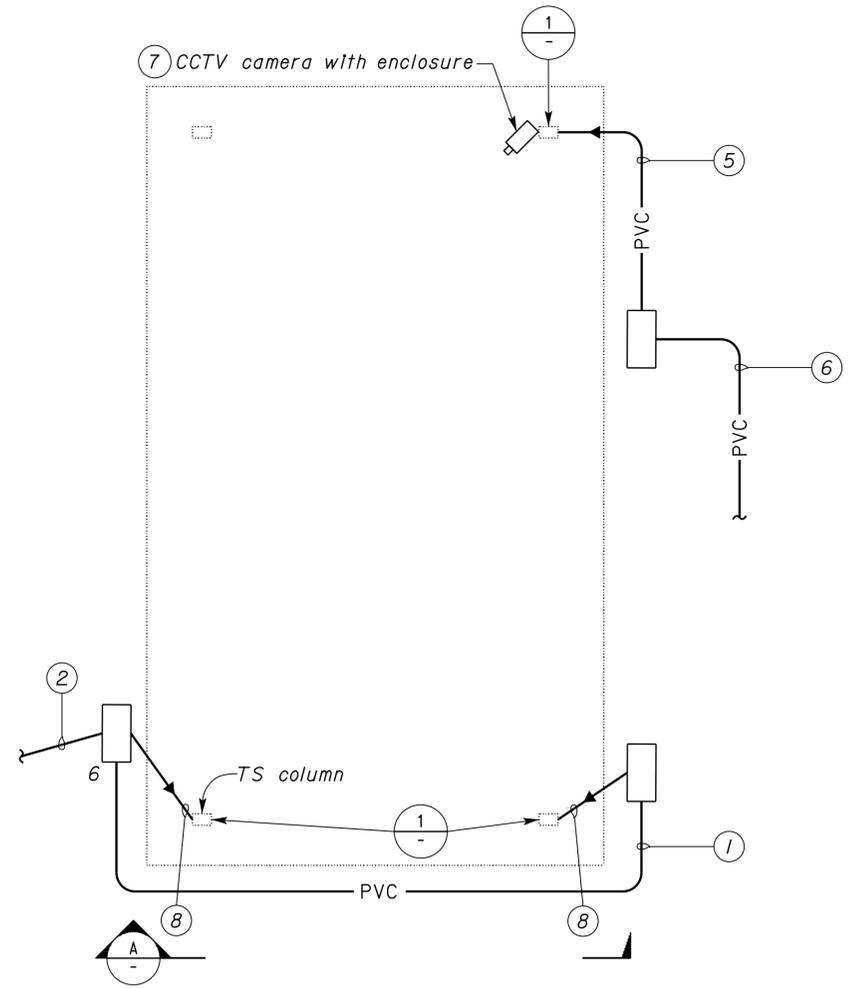
As shown elsewhere for conduit size and conductors.

General Notes:

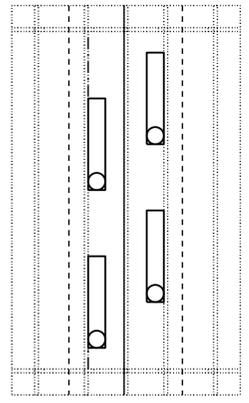
- A. Exact location of camera shall be determined by the Engineer.
- B. For Interconnection of CCTV system, see sheet EE2-5.

Notes:

- 1 1 1/2" C, 2*12, 1*12G, 3"C, PT.
- 2 3"C, PT 1 1/2" C, 2*10 (Travelers Information kiosk lighting), 1*10G.
- 3 Mount lights on vertical side of horizontal tube steel structural members. See lighting plan, this sheet.
- 4 2*12, 1*12G shall run inside tube steel structural members.
- 5 3/4"C, 1 video cable, 2 power cables.
- 6 3/4"C, 1 video cable, 2 power cables.
- 7 Mount camera on TS column at a height as directed by the Engineer in the field.
- 8 3/4"C, 2*12, 1*12G lighting for Travelers Information, see Architectural sheets.



POWER
NO SCALE



(4) FI-1x32

LIGHTING
NO SCALE

(TYPICAL FOR NORTHBOUND AND SOUTHBOUND)

THIS DRAWING APPROVED FOR ELECTRICAL WORK ONLY

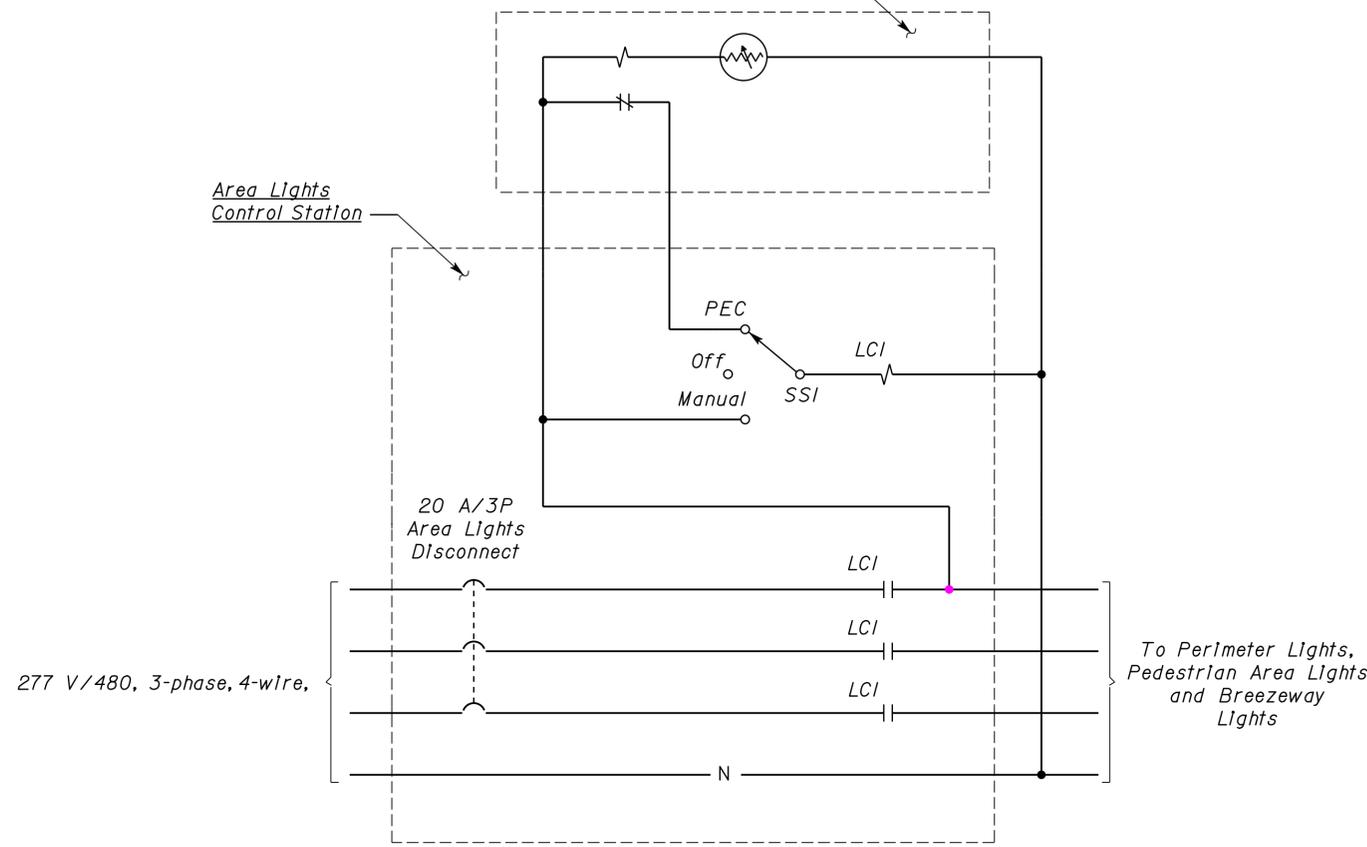
DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EE0-10
			POST MILE 10.5		
			REVISION DATES (PRELIMINARY STAGE ONLY)		
DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	6/6/11	SHEET OF	
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *Francis Solich*
FRANCIS SOLICH
 Approval date: 03-10-2015

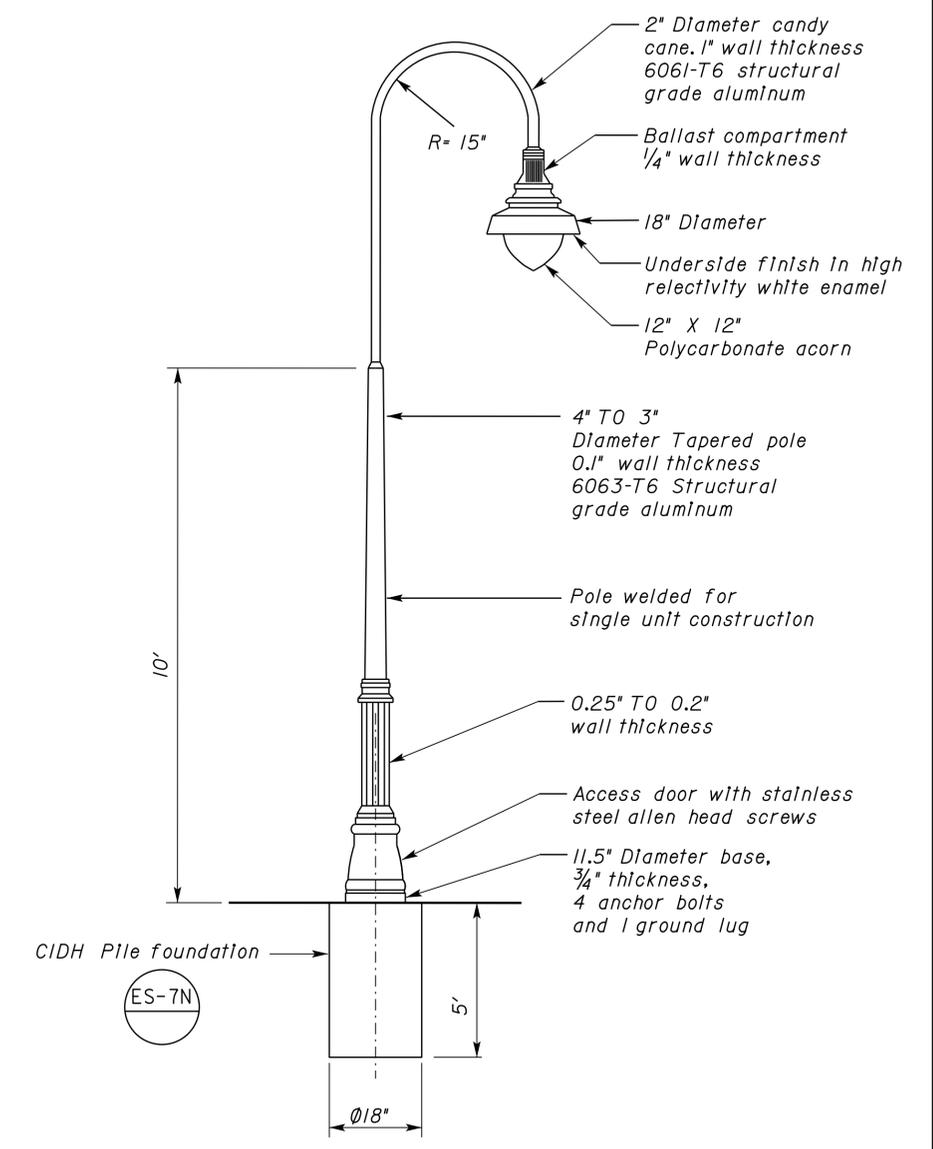
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	180	199

<i>Eric Greve</i>	9-13-13	
REGISTERED ELECTRICAL ENGINEER	DATE	
4-1-14		
PLANS APPROVAL DATE		
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PECI mounted atop Type 30 electroler. See sheets EE0-3,7.
 PECI shall be rated 277 V.



AREA LIGHTS CONTROL STATION SCHEMATIC DIAGRAM



PEDESTRIAN AREA ELECTROLER POLE AND FOUNDATION
 (TYPICAL FOR NORTHBOUND AND SOUTHBOUND)
 NO SCALE

THIS DRAWING APPROVED FOR ELECTRICAL WORK ONLY

DESIGN	BY	<i>Eric Greve</i>	CHECKED	<i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No.	08R0002L	CORNING S.R.R.A. UPGRADE PEDESTRIAN AREA LIGHTS	SHEET	OF		
	DETAILS	BY	<i>Eric Greve</i>	CHECKED			<i>Eric Greve</i>	POST MILE		10.5	EE0-11		
	QUANTITIES	BY	<i>Eric Greve</i>	CHECKED			<i>Eric Greve</i>	UNIT PROJECT NUMBER & PHASE		3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	6/6/11	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					0 1 2 3	REVISION DATES (PRELIMINARY STAGE ONLY)							

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

Project Name: CORNING SAFETY ROADSIDE REST AREA UPGRADE	Date: 05/16/2011
Project Address: InterState 5 @ Gallagher	Total Hardscape Illuminated Area: 130146 square feet

General Information

Phase of Construction: New Construction Addition Alteration

Documentation Author's Declaration Statement

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

Name: ERIC GREVE Signature: *Eric Greve*

Company: CA DEPARTMENT OF TRANSPORTATION Date: 05/16/2011

Address: 1801 30TH STREET, MS9-3/11H If applicable: CEA # CEPE #

City/State/Zip: SACRAMENTO, CA 95816 Phone: (916) 227-8227

Principal Lighting Designer's Declaration Statement

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

Name: ERIC GREVE Signature: *Eric Greve*

Company: CA DEPARTMENT OF TRANSPORTATION Phone: (916) 227-8227

Address: 1801 30TH STREET, MS9-3/11H License # E 14791

City/State/Zip: SACRAMENTO, CA 95816 Date: EXP 6-30-15

Principal Lighting Designer's Declaration

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

Outdoor Lighting Mandatory Measures

Indicate location on building plans of Mandatory Measures Note Block: EE0-14

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

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

- OLTG-1C Certificate of Compliance. All 4 pages required on plans for all submittal.
- OLTG-2C (Page 1 of 3) Lighting Wattage Allowances for General Hardscape, Sales Frontage, or Ornamental Lighting. Optional on plans.
- OLTG-2C (Page 2 of 3) Lighting Wattage Allowances for Per Application or Per Area. Optional on plans.
- OLTG-2C (Page 3 of 3) Additional Lighting Power Allowance for Ordinance Requirements. Optional on plans.

GENERAL NOTE:

Form OLTG-1-C, Parts 1 of 4 and 2 of 4 are shown on this sheet.
Form OLTG-1-C, Parts 3 of 4 and 4 of 4 are shown on sheet EE0-13

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

COMPLIANCE FIXTURE/LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST

Project Name: CORNING SAFETY ROADSIDE REST AREA UPGRADE Date: 05/16/2011

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

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

Luminaire Schedule				Installed Watts						
A	B	C	D	E	F		G	H	I	
Name Or Item Tag	Luminaire Description (i.e, lamp pole top shoe-box 400 watt metal halide)	Cutoff Designation	Watts per Luminaire 1	Special Features	How wattage was determined		Number of Luminaires	Installed Watts (D x G)	Pass	Fail
					Default from NA-8	According to S-130 (d or e)				
PER	MAST ARM, HPS, ELECTRONIC	FC	310	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	1550	<input type="checkbox"/>	<input type="checkbox"/>
PED	MAST ARM, MH, ELECTRONIC	FC	70	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	21	1470	<input type="checkbox"/>	<input type="checkbox"/>
F1	SURFACE, FLOURESCENT, ELECTRONIC, 1-T8		32	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	128	<input type="checkbox"/>	<input type="checkbox"/>
F3			29	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	232	<input type="checkbox"/>	<input type="checkbox"/>
F6	SURFACE, FLOURESCENT, ELECTRONIC, 1-CF		26	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14	364	<input type="checkbox"/>	<input type="checkbox"/>
F7	SURFACE, FLOURESCENT, ELECTRONIC, 1-CF		26	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	104	<input type="checkbox"/>	<input type="checkbox"/>
Enter total into OLTG; Page 4 of 4; Row H; Total Installed Watts:								3848		

1. Type of luminaire (i.e.: post top, wall pack, surface, shoe box); for non-incandescent luminaires, indicate nominal lamp wattage and lamp type (i.e.: fluorescent incandescent, HID); ballast type (i.e.: electronic or magnetic); number of lamps and number of ballast per luminaire. For incandescent luminaires the luminaire wattage listed in column D shall be the maximum relamping rated wattage on a permanent factory-installed label on the luminaire. NOT the wattage of the lamp (bulb) used, in accordance with Section 130 (d or e).

2. If Fail then describe on Page 2 of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary.

EXEMPT LUMINAIRES Field Inspection

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

MANDATORY CONTROLS Field Inspection

#	Description	Location	#	Description	Location
PEC1	PHOTOCELL	PARKING			
PEC2	PHOTOCELL	BUILDING EXTERIOR			

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

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

Field Inspector Notes or Discrepancies:

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	181	199

Eric Greve 9-13-13
REGISTERED ELECTRICAL ENGINEER DATE

4-1-14
PLANS APPROVAL DATE

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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: *Francis Sotich*
FRANCIS SOTICH
Approval date: 03-10-2015

CALIFORNIA ENERGY COMMISSION MANDATORY MEASURES:

BUILDING LIGHTING SHUT-OFF

1. Occupancy sensor for Offices, Conference, Tools Storage, Tire Storage, Lockers, Restrooms, Parts Storage, Crew Room, Supply, Electrical Room, Lube/Comp and Utility Room.
2. Timer switches for Combination Heat/lamp/Fan units.
3. Astronomical time clocks with manual override (1 hours maximum) For Hallways, Restrooms, Lobby, Service Bays, Welding Bay and Machine Shop.

INDOOR MULTI-LEVEL LIGHTING CONTROL

1. Bi-level occupant sensor wall switches for Offices greater than 100 square feet.
2. Multilevel switches for Service Bays that are greater than 2500 square feet.
3. Multiple switches for all other locations. Switches are connected on load of the automatic shut-off switch that is provided for the area.

DAYLIT AREA CONTROL

1. Photoelectric cell unit, photocontroller, multiple level snap switches and bypass pushbutton for Service Bays, Welding Bay and Machine Shop with daylight area greater than 2500 square feet.
2. Photoelectric cell unit, photocontroller, occupancy sensors per row of lighting fixtures and daylight multilevel switch for Parts Storage with daylight area greater than 2500 square feet.

BUILDING EXTERIOR LIGHTING

1. Photoelectric cell unit and astronomical time clock. Time clock contact provides 50 per cent output reduction.
2. All exterior luminaires shall have full cut-off type light distribution.

GENERAL NOTE:

Form LTG-1C, page 2 of 4 (Conditional Spaces) and page 2 of 4 (Un-conditional Spaces) are shown on sheet EE0-1.6.
Form LTG-1C, page 3 of 4 and page 4 of 4 are shown on sheet. EE0-1.7.
Other checked forms are available upon request.

CERTIFICATE OF COMPLIANCE (Page 1 of 4) LTG-1C			
Project Name: CORNING SAFETY ROADSIDE REST AREA UPGRADE		Date: 05/16/2011	
Project Address: InterState 5 @ Gallagher		Climate Zone: 8	Building CFA: 2086
			Unconditioned Floor Area: 993
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 <input checked="" type="checkbox"/> Unconditioned 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: ERIC GREVE		Signature: <i>Eric Greve</i>	
Company: CA DEPARTMENT OF TRANSPORTATION		Date: 05/16/2011	
Address: 1801 30TH STREET, MS-9-3/11H		If applicable: CEA # CEPE #	
City/State/Zip: SACRAMENTO, CA-95816		Phone: (916) 227-8227	
Principal Lighting Designer's Declaration Statement • I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design. • This Certificate of Compliance identifies the lighting features and performance specification required for compliance with Title 24, Pages 1 and 6 of the California Code of Regulations. • The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.			
Name: ERIC GREVE		Signature: <i>Eric Greve</i>	
Company: CA DEPARTMENT OF TRANSPORTATION		Phone: (916) 227-8227	
Address: 1801 30TH STREET, MS-9-3/11H		License # E 14791	
City/State/Zip: SACRAMENTO, CA-95816		Date: EXP 06-30-15	
Lighting Mandatory Measures Indicate location on building plans of Mandatory Measures Note Block: <u>EE0-14</u>			
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.			
<input checked="" type="checkbox"/> LTG-1C Pages 1 through 4 Certificate of Compliance. All pages required on plans for all submittals.			
<input type="checkbox"/> LTG-2C Lighting Controls Credit Worksheet			
<input type="checkbox"/> LTG-3C Indoor Lighting Power Allowance			
<input type="checkbox"/> LTG-4C Pages 1 through 4 Tailored Method Worksheet			
<input type="checkbox"/> LTG-5C Pages 1 and 2 Line Voltage Track Lighting Worksheet			
2008 Nonresidential Compliance Forms		July 2010	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	183	199



Eric Greve
REGISTERED ELECTRICAL ENGINEER
DATE 9-13-13
PLANS APPROVAL DATE 4-1-14

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CALIFORNIA STATE FIRE MARSHAL APPROVED

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Reviewed by: *Francis Solich*
FRANCIS SOLICH
Approval date: 03-10-2015

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L 08R0002R POST MILE 10.5	CORNING S.R.R.A. UPGRADE INDOOR LIGHTING COMPLIANCE FORM I				SHEET EE0-14
			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 3618 02000000301	REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET OF	
			DOES SD Imperial Rev. 1/07		DISREGARD PRINTS BEARING EARLIER REVISION DATES → 6/6/11		6/6/11				ee0_14.dgn

12-MAY-2015 14:08

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	186	199

Eric Greve REGISTERED ELECTRICAL ENGINEER	9-13-13 DATE
4-1-14 PLANS APPROVAL DATE	
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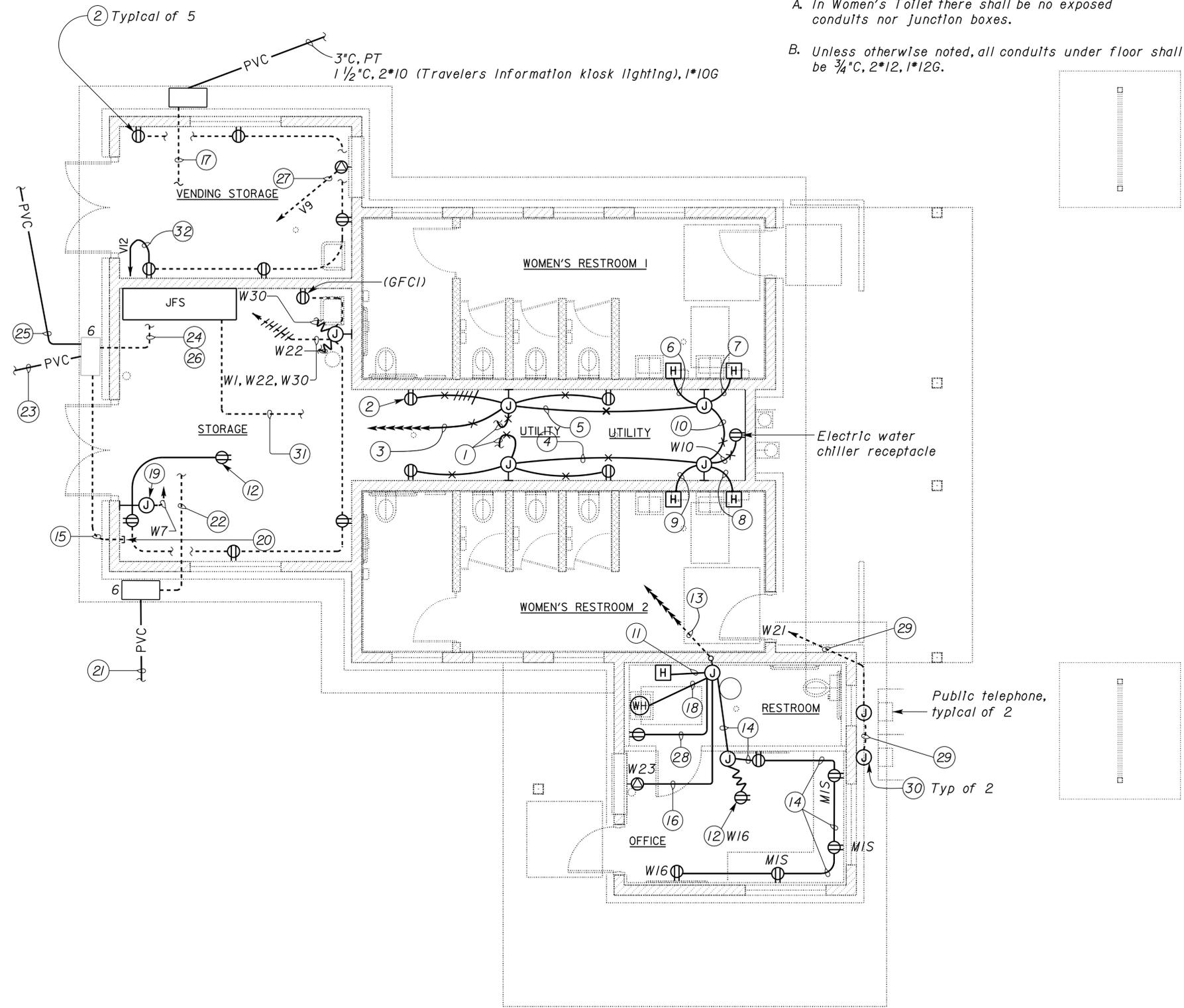
General Notes:

- A. In Women's Toilet there shall be no exposed conduits nor Junction boxes.
- B. Unless otherwise noted, all conduits under floor shall be 3/4" C, 2*12, 1*12G.

Notes:

- 1 To fan above, see Mechanical sheets
- 2 (GFCI) Feed Thru Type
- 3 1" C, 8*10 (W2,4,6,8), 6*10 (W9,10,15), 1*12G
- 4 1/2" C, 4*12, 1*12G
- 5 1" C, 14*10, 1*12G
- 6 1/2" C, 2*10 (W2), 1*12G
- 7 1/2" C, 2*10 (W4), 1*12G
- 8 1/2" C, 2*10 (W6), 1*12G
- 9 1/2" C, 2*10 (W8), 1*12G
- 10 3/4" C, 10*10, 1*12G
- 11 1/2" C, 2*10 (W25), 1*12G
- 12 Install outlet in attic, adjacent to access
- 13 1" C, 6*10 (W12,23,25), 6*12 (W11,14,16), 1*12G, 1*12 Isolated Ground
- 14 3/4" C, 4*12(W14,16), 1*12G, 1*12 Isolated Ground
- 15 1" C, (MC), 2*12 (Irrigation Controller), 1*12G
- 16 1/2" C, 2*10(W23), 1*10G
- 17 3" C, PT
1" C, 2*10, (Travelers Information kiosk lighting), 1*10G, to Women's wing Light Control Station
- 18 1/2" C, 2*10 (W12), 1*10G
- 19 Junction box for Irrigation Controller. Connect conduit and conductor to Irrigation Controller as shown on the Landscape plans. For location of Irrigation Controller, see Landscape plans.
- 20 Stub at 6" above finished floor and cap. For connection to Irrigation controller. see Landscape plans.
- 21 Northbound: 3" C (PVC), 4*2/0, 1*6G, 3" C (PVC), PT to Service Equipment Enclosure
Southbound: 3" C (PVC), 4*1/0, 1*6G, 3" C (PVC), PT to Service Equipment Enclosure
- 22 Northbound: 3" C (PVC), 4*2/0, 1*6G, 3" C (PVC), PT to IFS
Southbound: 3" C (PVC), 4*1/0, 1*6G, 3" C (PVC), PT to IFS
- 23 1/2" C, 4*10, 3*14 (PECI), 1*12G for area lights
- 24 1/2" C, 4*10, 3*14 (PECI), 1*12G for area lights
- 25 1/2" C, 4*2, 1*6G
- 26 1/2" C, 4*2, 1*6G
- 27 To Panel MTS 1/2" C, 2*10, 1*12G, (MTS "A")
- 28 W11, (GFCI)
- 29 3/4" C, 2*12, 1*12G
- 30 Install flush mounted weatherproof junction box behind telephone enclosure
- 31 3" C, 4*1/0, 1*6G (Men's wing feeder)
- 32 To Panel MTS, Circuit "D"

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 Reviewed by:
 FRANCIS SOLICH
 Approval date: 03-10-2015



FLOOR PLAN

SCALE 1/4" = 1'-0"

(SOUTHBOUND SIMILAR, BUT ROTATED 180°)

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN	BY Eric Greve	CHECKED Eric Greve
DETAILS	BY Eric Greve	CHECKED Eric Greve
QUANTITIES	BY Eric Greve	CHECKED Eric Greve

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE No. 08R0002L
 08R0002R
 POST MILE 10.5

CORNING S.R.R.A. UPGRADE
 WOMEN'S BUILDING
 POWER PLAN

SHEET **EE1-1**

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	187	199

<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14
PLANS APPROVAL DATE

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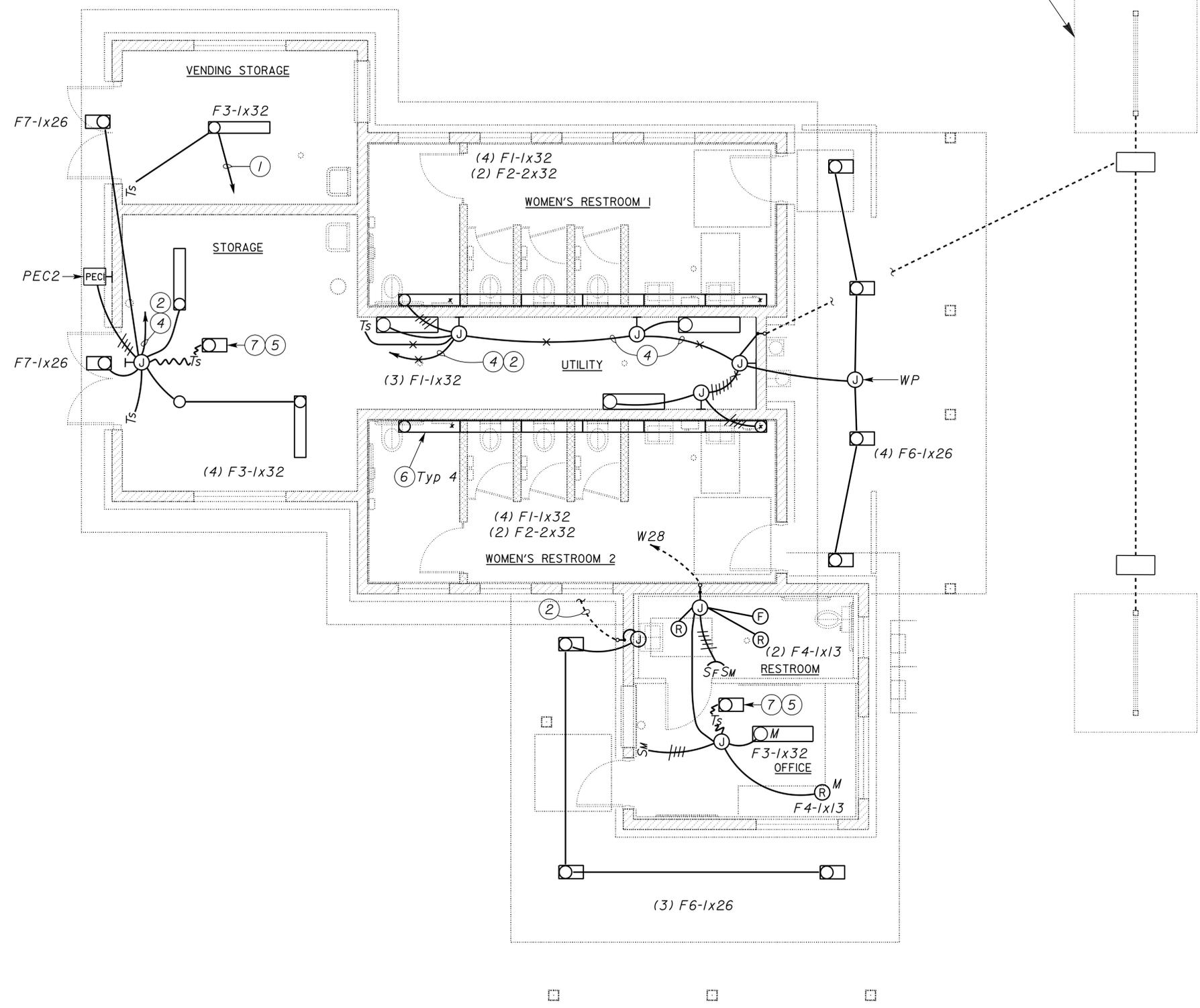


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FRANCIS SOLICH
 Approval date: 03-10-2015

SELF-ILLUMINATING DISPLAY CASE, SEE ARCHITECTURAL SHEETS (TYPICAL OF 2)



General Notes:

- A. For exact location of light fixtures and Display Case Handhole details, see Architectural Plans.
- B. Unless otherwise noted, all conduits under floor shall be 3/4" C, 2*12, 1*12G.
- C. Connect single pole light switch to load side of motion sensor switch.
- D. In Women's Toilet there shall be no exposed conduits nor junction boxes.
- E. For Lights Control Station Schematic Diagram, see sheet EEI-7.

Notes:

- ① To panel MTS
- ② To Women's wing Lights Control Station In IFS
- ③ MTS "C"
- ④ 3/4" C, 7*12, 1*12G
- ⑤ F5 - 1x13. Provide protective cage to prevent damage to compact fluorescent lamp
- ⑥ Lights marked "*" shall remain on at all times
- ⑦ Install light and switch in attic, adjacent to access

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

(SOUTHBOUND SIMILAR, BUT ROTATED 180°)

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EEI-2
					POST MILE 10.5		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 4/27/10 6/6/11

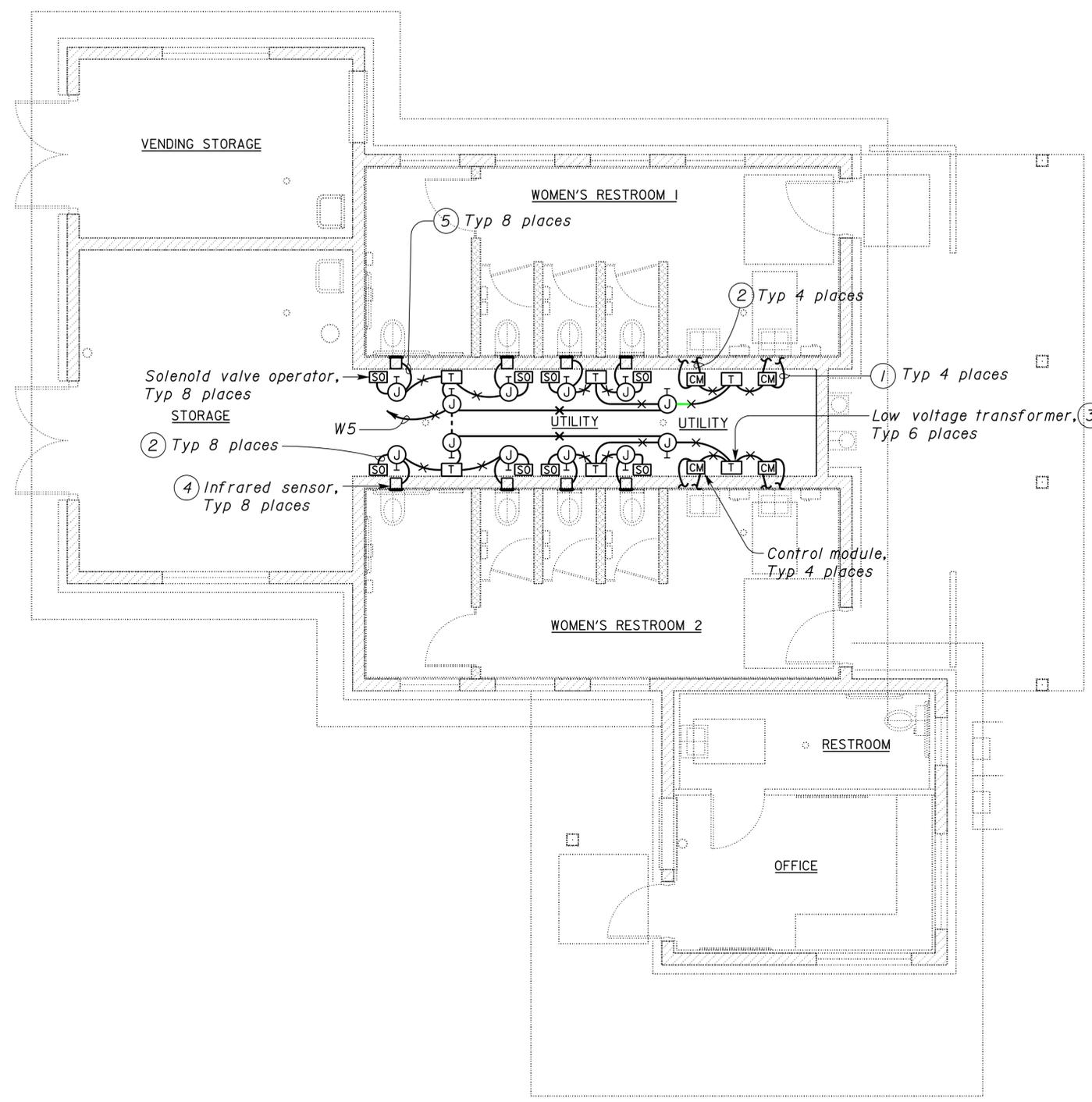
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APPROVED**
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Reviewed by: 
FRANCIS SOLICH
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	188	199

ERIC GREVE
REGISTERED ELECTRICAL ENGINEER
9-13-13 DATE
4-1-14 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ERIC GREVE
No. 14791
Exp. 6-30-15
ELEC
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.



General notes:

- Install and connect automatic flush system as recommended by manufacturer.
- All device and accessories for automatic flush system are supplied by water closet, urinal and faucet manufacturers.
- Provide and Install support systems for support of armored cable as required.
- Transformer supplied by the manufacturer should be sized adequately to supply the total units shown. (Example, 2 water closets powered by one transformer)
- Conduits and conductor system as shown is diagrammatic only. Exact system layout shall depend upon the particular automatic flush system installed.

Notes:

- Armored cable to Infrared sensor at the faucet. Install armored cable through the PVC sleeve. For detail of PVC sleeve, see Architectural sheets.
- Armored cable to solenoid valve operator
- Provide and Install all hardware required for the installation of the low voltage transformer as recommended by the manufacturer. Mount transformer in a surface mounted enclosure.
- Mount Infrared sensor in a flush mounted junction box at a location as recommended by the manufacturer
- 1/2" C. conductors as required for operation of Infrared sensor and solenoid valve operator

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

(SOUTHBOUND SIMILAR,
BUT ROTATED 180°)

APPROVED FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET EE1-3
			POST MILE 10.5	WOMEN'S BUILDING	AUTOMATIC FLUSH SYSTEM POWER PLAN	
DETAILS BY <i>Dali Zhou</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	0 1 2 3	3618 02000000301	4/27/10 6/6/11			

DOES SD Imperial Rev. 1/07

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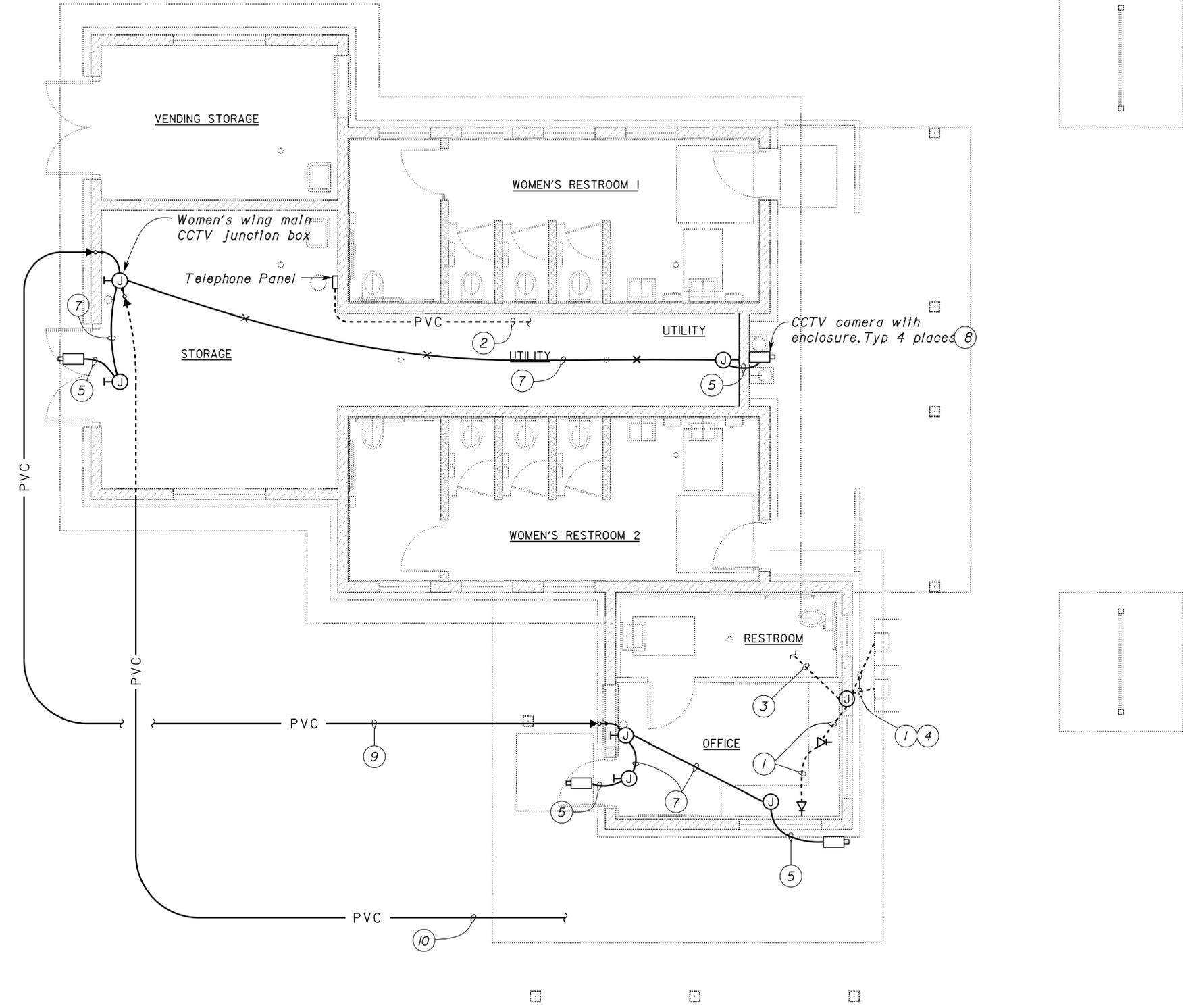
CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: FRANCIS SOLICH
 Approval date: 03-10-2015

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	189	199

<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14	
PLANS APPROVAL DATE	

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General Notes:
 A. Exact location of cameras to be determined by the Engineer.
 B. For Interconnection of CCTV system, see sheet EE2-4.5.

- Notes:**
- ① 3/4" C. PT
 - ② 2" C. PT to TTB in Telecom room in Men's wing
 - ③ 1" C. PT, to telephone panel
 - ④ Public telephones. Terminate conduit to suit enclosure.
 - ⑤ 3/4" C. 1 video cable, 2 power cables
 - ⑥ Not used
 - ⑦ 1 1/2" C. 1 video cable and 2 power cables
 - ⑧ Mount camera at a height as directed by the Engineer in the field
 - ⑨ 1 1/2" C. 2 video cables and 4 power cables
 - ⑩ 2" C. 4 video cables and 8 power cables. To pull box adjacent to Telecom room in Men's wing, see sheet EE2-4.

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

(SOUTHBOUND SIMILAR, BUT ROTATED 180°)

ACCURATE FOR ELECTRICAL WORK ONLY

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Dali Zhou</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES		BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET EE1-4
					ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN		POST MILE 10.5			
					PROJECT NUMBER & PHASE 3618 02000000301		WOMEN'S BUILDING			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3							DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
							4/27/10 6/6/11		SHEET OF	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	190	199

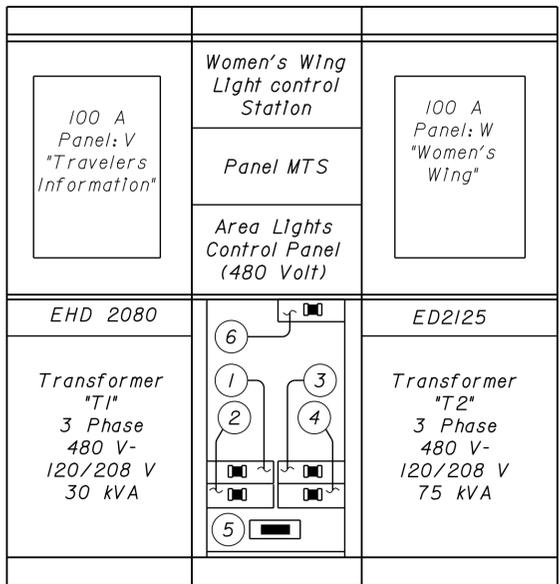
<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14
PLANS APPROVAL DATE

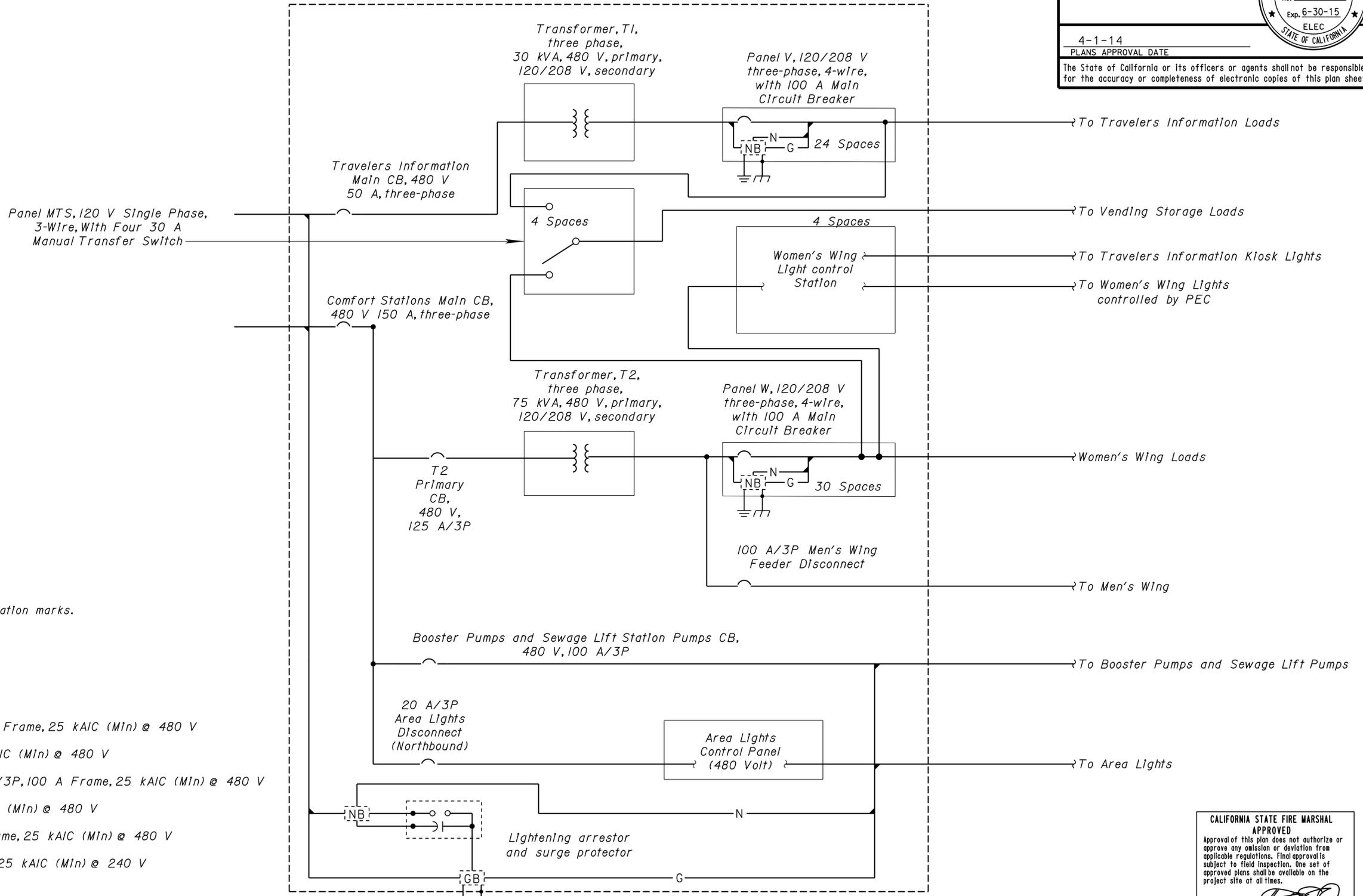
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Integrated Facility Switchboard (northbound)



FRONT VIEW



SINGLE LINE DIAGRAM

- General Note:**
A. Provide nameplates. Inscriptions are contained within quotation marks.
- Notes:**
- ① "Travelers Information Main" CB, 480 V, 50 A/3P, 100 A Frame, 25 kAIC (Min) @ 480 V
 - ② "T2 Primary" CB, 480 V, 125 A/3P, 250 A Frame, 25 kAIC (Min) @ 480 V
 - ③ "Booster Pumps & Sewage Lift Pumps" CB, 480 V, 100 A/3P, 100 A Frame, 25 kAIC (Min) @ 480 V
 - ④ "Area Lights" CB, 480 V, 20 A/3P, 100 A Frame, 25 kAIC (Min) @ 480 V
 - ⑤ "Comfort Stations Main" CB, 480 V, 150 A/3P, 250 A Frame, 25 kAIC (Min) @ 480 V
 - ⑥ "Mens' Wing Feeder" CB, 240 V, 100 A/3P, 100 A Frame, 25 kAIC (Min) @ 240 V

CALIFORNIA STATE FIRE MARSHAL
APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: *Francis Solich*
FRANCIS SOLICH
Approval date: 03-10-2015

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ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET EE1-5
			POST MILE 10.5	INTEGRATED FACILITY SWITCHBOARD		
DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 6/6/11	SHEET OF
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DOES SD Imperial Rev. 1/07		12-MAY-2015 14:09		ee1_5.dgn	

MAIN: 100 AMPERE, 3 POLE CB
VOLTS: 120/208, 3 PHASE, 4 WIRE

PANEL W

LOCATION: IFS WOMENS' STORAGE

DESCRIPTION	AMPERES			BRK	CKT	A	B	C	CKT	BRK	AMPERES			DESCRIPTION
	A	B	C								A	B	C	
RECEPTACLES- STORAGE	7.5			20/1	1				2	20/1	16			HAND DRYER 1
LIGHTS- STORAGE & UTILITY		3		15/1	3				4	20/1		16		HAND DRYER 2
AUTOMATIC FLUSH			5	20/1	5				6	20/1		16		HAND DRYER 3
IRRIGATION CONTROLLER	3			20/1	7				8	20/1	16			HAND DRYER 4
VENTILATION FANS		12		20/1	9				10	20/1		10		RECEPTACLE - WATER CHILLER
RECEPTACLE - CHP TOILET			1.5	20/1	11				12	20/1		12.5		WATER HEATER (CHP RESTROOM)
RECEPTACLE - FOURPLEX	3			20/1	13				14	20/1	4.5			MIS RECEPTACLE - CHP OFFICE
RECEPTACLES - UTILITY		6		20/1	15				16	20/1		4.5		RECEPTACLES - CHP OFFICE
LIGHTS - EXTERIOR			6.5	20/1	17				18	20/1				SPACE
LIGHTS - WOMENS TOILET, PEC	6			20/1	19				20	20/1				SPACE
PUBLIC TELEPHONES		4		20/1	21				22	20/1		9.8		BLADDER TANK BOOSTER PUMP (1/2 HP)
HVAC - CHP OFFICE			16		23				24	20/1				SPACE
HAND DRYER - CHP TOILET	16			20/1	25				26	20/1				SPACE
SPACE		-		-	27				28	20/1		6		LIGHT/FAN - CHP TOILET; LIGHTS - CHP OFFICE
PANEL - MTS			30	30/1	29				30	20/1		12.5		WATER HEATER (STORAGE)

* Size CB as recommended by the HVAC manufacturer

A	B	C	TOTAL AMPERES PER PHASE
72	101.3	101.398.5	

MANUAL TRANSFER SWITCH (MTS)			BREAKER
DESCRIPTION	CIRCUIT SELECTOR SWITCH	AMPERES	
HVAC - VENDING STORAGE	A	16	20/1
LIGHTS - VENDING STORAGE	C	2	20/1
RECEPTACLES - VENDING STORAGE	D	7.5	20/1
SPACE	B	-	-

120 VOLTS
4 CKT
30 A

MAIN: 100 AMPERE, 3 POLE CB
VOLTS: 120/208, 3 PHASE, 4 WIRE

PANEL V

LOCATION: IFS, WOMENS' STORAGE

DESCRIPTION	AMPERES			BRK	CKT	A	B	C	CKT	BRK	AMPERES			DESCRIPTION
	A	B	C								A	B	C	
VENDING MACHINE (DP 1)	15			20/1*	1				2	20/1*	15			VENDING MACHINE (DP 2)*
VENDING MACHINE (DP 3)		15		20/1*	3				4	20/1*		15		VENDING MACHINE (DP 4)*
VENDING MACHINE (DP 5)			15	20/1*	5				6	20/1*		15		VENDING MACHINE (DP 6)*
VENDING MACHINE (DP 7)	15			20/1*	7				8	20/1*	15			VENDING MACHINE (DP 8)*
HVAC - VENDING STORAGE		16		**	9				10	20/1*		15		VENDING MACHINE (DP 10)*
VENDING MACHINE (DP 9)			15	20/1*	11				12	20/1		7.5		RECEPTACLES-VEND STOR
SPACE	-			-	13				14	-	-			SPACE
SPACE		-		-	15				16	-	-			SPACE
LIGHTS- VENDING STORAGE			2	20/1	17				18	30/1		30		PANEL MTS
SPACE	-			-	19				20	-	-			SPACE
SPACE		-		-	21				22	-	-			SPACE
SPACE		-		-	23				24	-	-			SPACE

* GFCI TYPE CB

** Size CB as recommended by the HVAC manufacturer

A	B	C	TOTAL AMPERES PER PHASE
60	61	86	

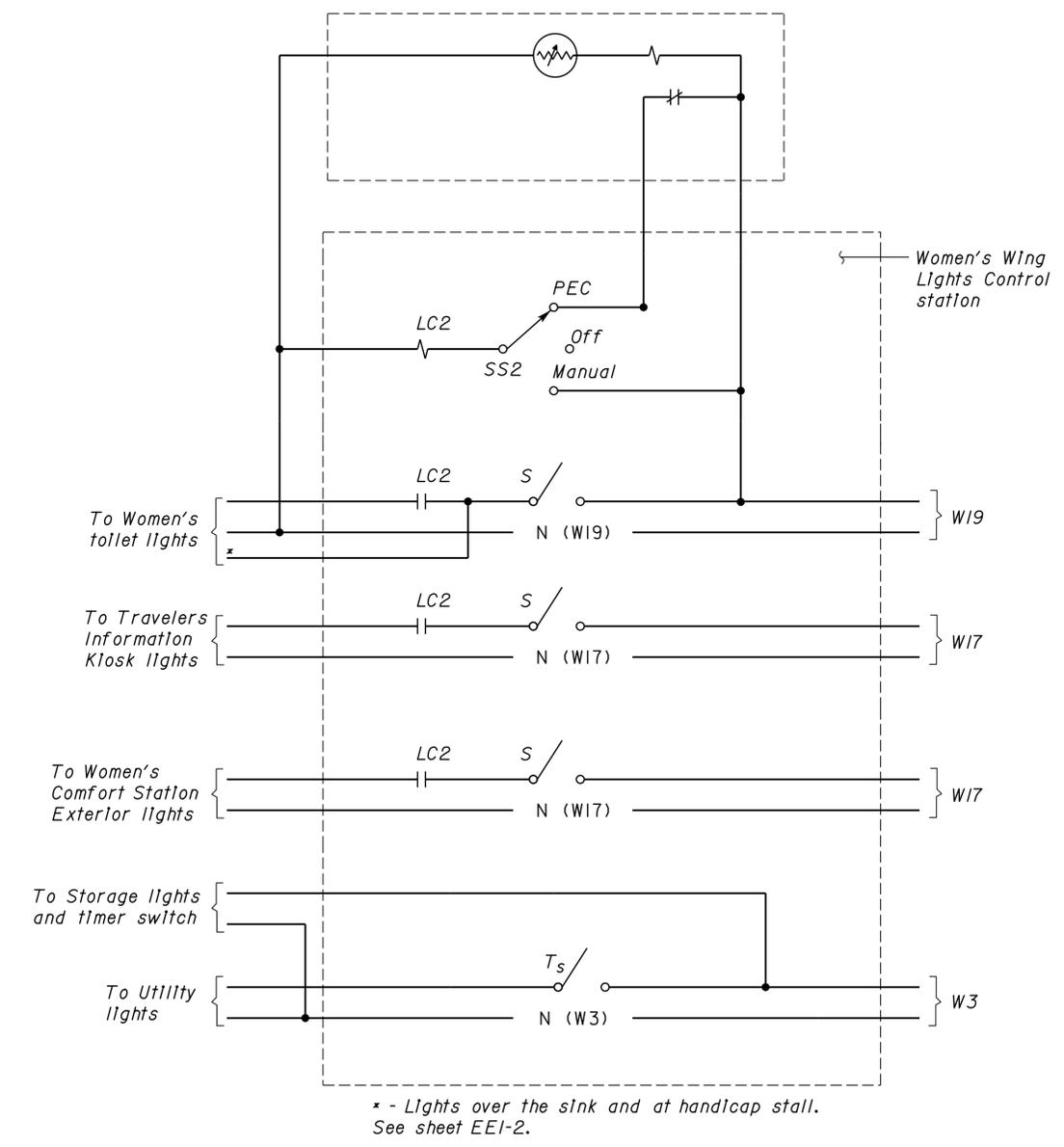
CALIFORNIA STATE FIRE MARSHAL
APPROVED
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Reviewed by: FRANCIS SOLICH
Approval date: 03-10-2015

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	191	199

ERIC GREVE
REGISTERED ELECTRICAL ENGINEER
No. 14791
Exp. 6-30-15
ELEC
STATE OF CALIFORNIA

9-13-13 DATE
4-1-14 PLANS APPROVAL DATE
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PEC2 mounted on exterior wall of Women's comfort station



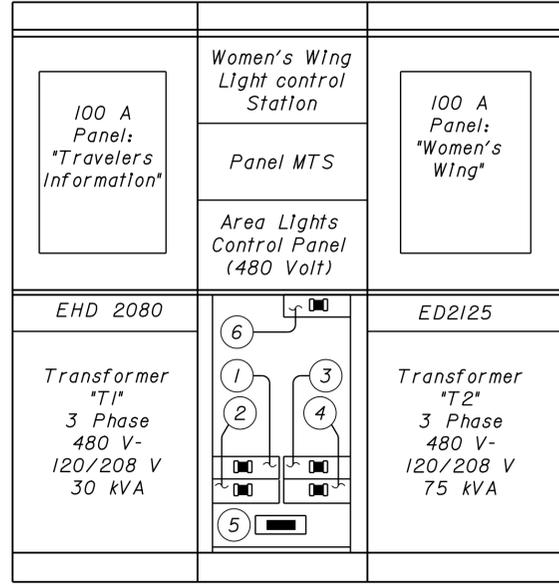
WOMEN'S WING LIGHTS CONTROL STATION SCHEMATIC DIAGRAM

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	192	199

<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14
PLANS APPROVAL DATE

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1 2 3

FRONT VIEW

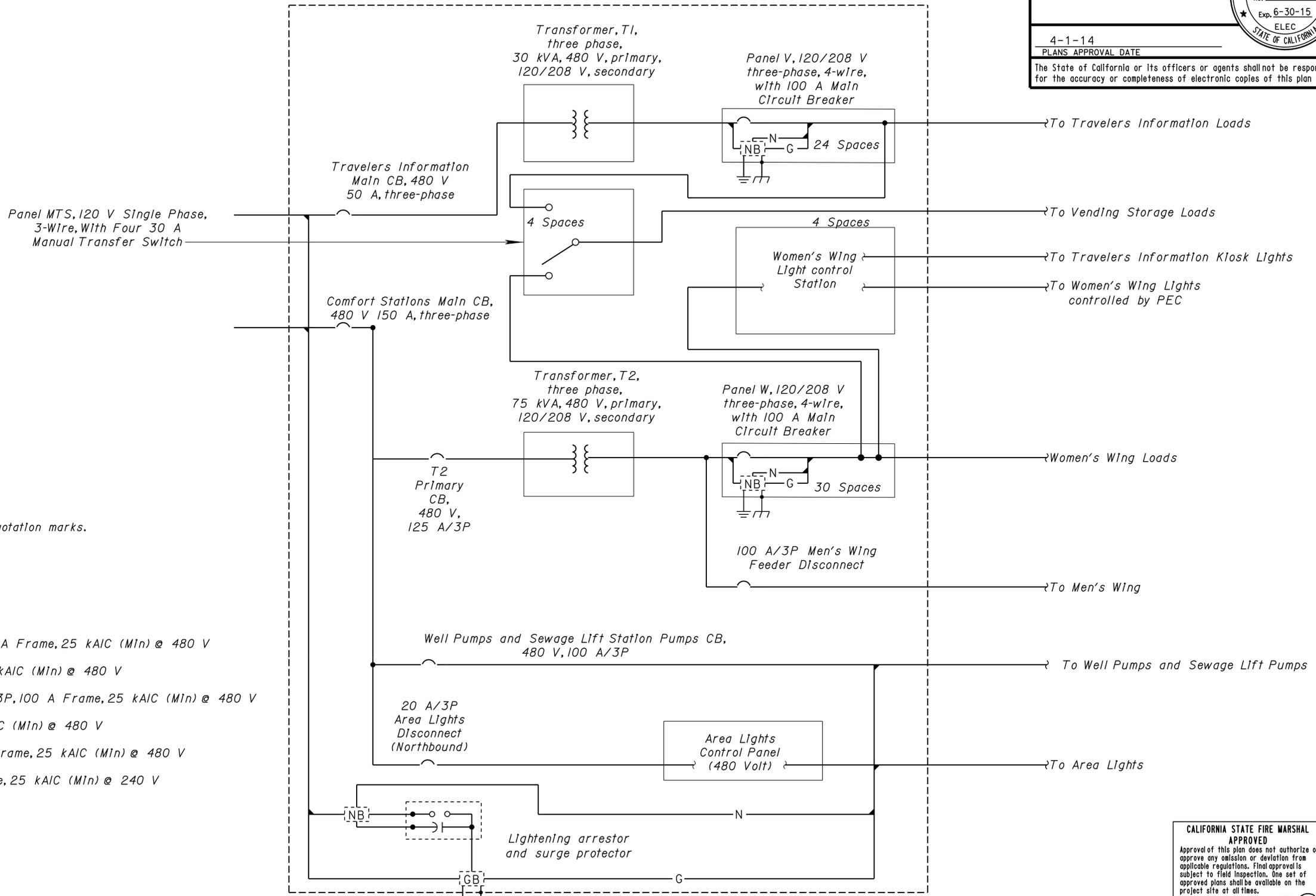
General Note:

A. Provide nameplates. Inscriptions are contained within quotation marks.

Notes:

- ① "Travelers Information Main" CB, 480 V, 50 A/3P, 100 A Frame, 25 kAIC (Min) @ 480 V
- ② "T2 Primary" CB, 480 V, 125 A/3P, 250 A Frame, 25 kAIC (Min) @ 480 V
- ③ "Well & Sewage Lift Station Pumps" CB, 480 V, 100 A/3P, 100 A Frame, 25 kAIC (Min) @ 480 V
- ④ "Area Lights" CB, 480 V, 20 A/3P, 100A Frame, 25 kAIC (Min) @ 480 V
- ⑤ "Comfort Stations Main" CB, 480 V, 150 A/3P, 250 A Frame, 25 kAIC (Min) @ 480 V
- ⑥ "Mens' Wing Feeder" CB, 240 V, 100 A/3P, 100 A Frame, 25 kAIC (Min) @ 240 V

Integrated Facility Switchboard (northbound)



SINGLE LINE DIAGRAM

SINGLE LINE DIAGRAM

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			POST MILE 10.5	INTEGRATED FACILITY SWITCHBOARD		
DETAILS BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES 6/6/11	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>						

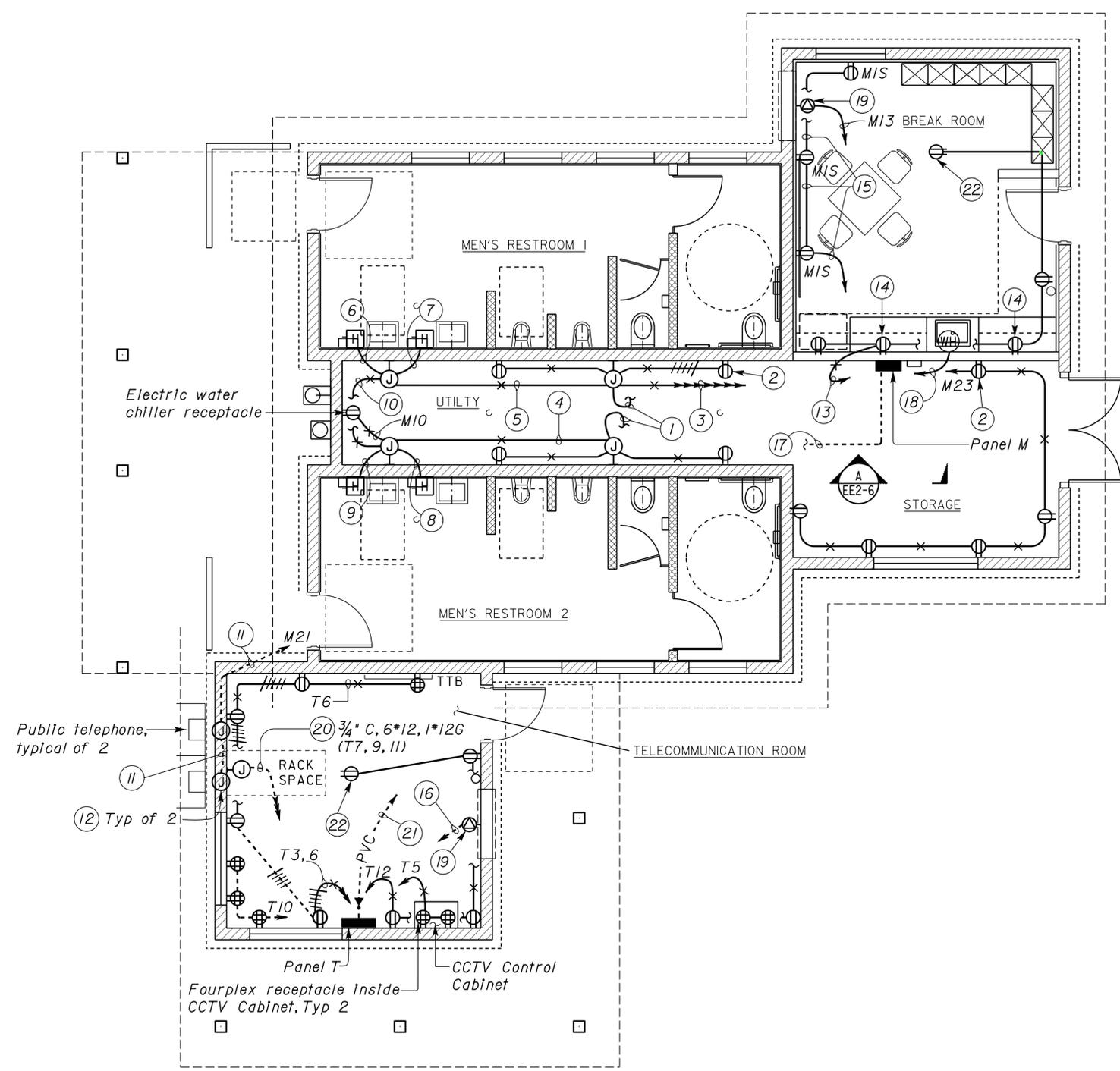
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	193	199

<i>Eric Greve</i>		9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE	

4-1-14
PLANS APPROVAL DATE

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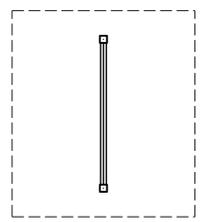
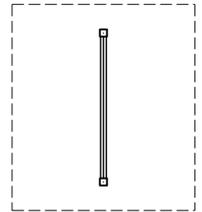


General Notes:

- A. In Men's Toilet there shall be no exposed conduits nor junction boxes.
- B. Unless otherwise noted, all conduits under floor shall be 3/4" C, 2*12, 1*12G.

Notes:

- ① To fan above, see Mechanical sheets
- ② GFCI, Feed thru type
- ③ 1" C, 8*10 (M2, 4, 6, 8), 6*10 (M10, 15, 19), 1*12G
- ④ 1/2" C, 4*12, 1*12G
- ⑤ 1" C, 14*10, 1*12G
- ⑥ 1/2" C, 2*10 (M2), 1*12G
- ⑦ 1/2" C, 2*10 (M4), 1*12G
- ⑧ 1/2" C, 2*10 (M6), 1*12G
- ⑨ 1/2" C, 2*10 (M8), 1*12G
- ⑩ 3/4" C, 10*10, 1*12G
- ⑪ 3/4" C, 2*12, 1*12G
- ⑫ Install flush mounted weatherproof junction box behind telephone enclosure
- ⑬ 1/2" C, 2*12 (M16), 1*12G
- ⑭ GFCI, Mount at 6" above counter
- ⑮ 3/4" C, 2*12 (M14), 1*12 Isolated ground
- ⑯ 3/4" C, 2*10 (T1), 1*12G
- ⑰ 3" C, 4*1/0, 1*6G (From Men's wing feeder disconnect in Women's wing)
- ⑱ 1/2" C, 2*10 (M12), 1*10G
- ⑲ Air conditioner receptacle, mount to suit unit furnished
- ⑳ Tape conductor ends and mark them spare for future use. Leave circuit breakers supplying these conductors in "OFF" position
- ㉑ 2" C, 4*6 (M1-3-5), 1*10G
- ㉒ Install outlet in attic, adjacent to access



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

(NORTHBOUND SIMILAR, BUT ROTATED 180°)

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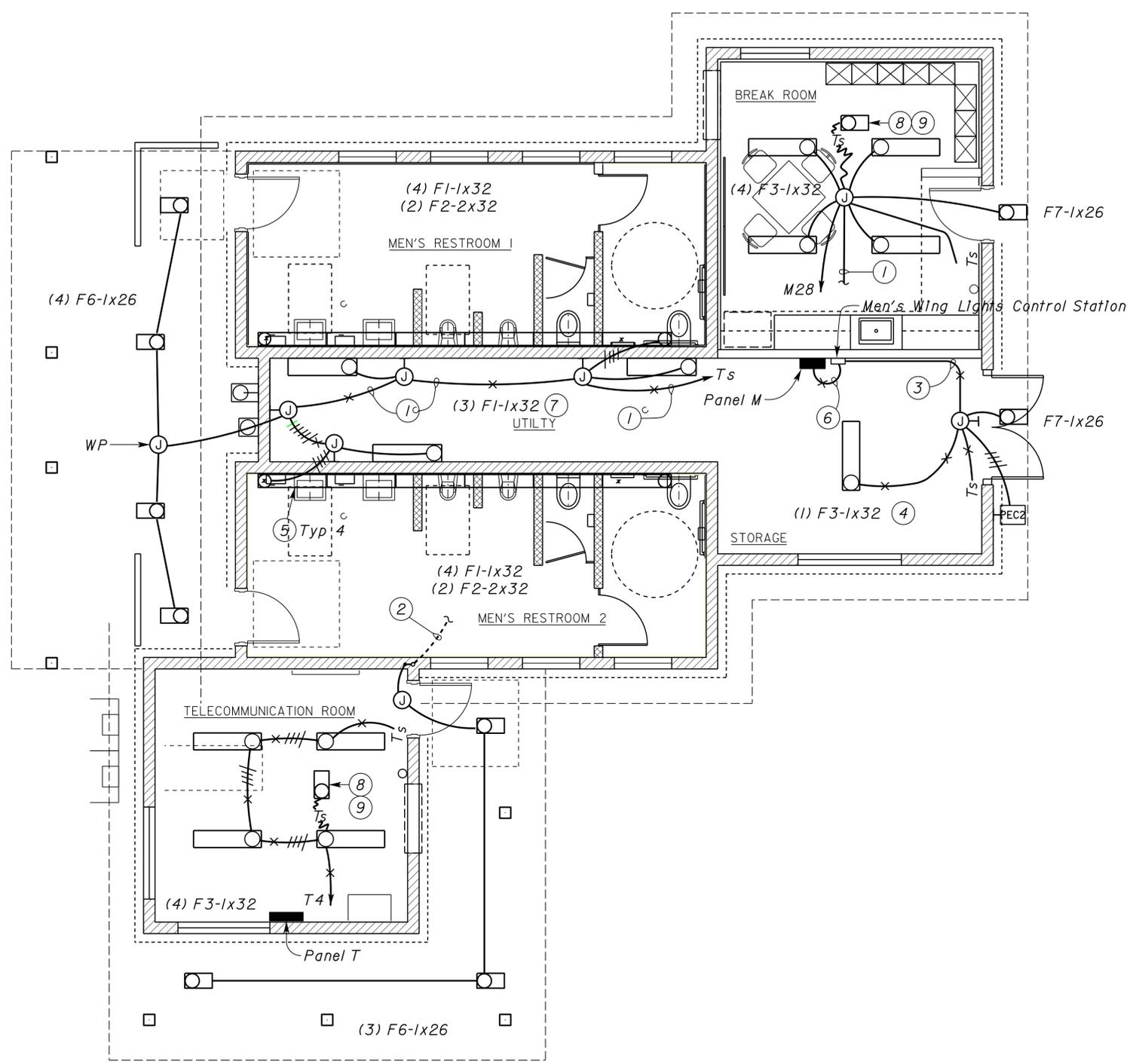
DESIGN BY <i>Eric Greve</i>	CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET
				08R0002R	MEN'S BUILDING	POWER PLAN	EE2-1
DETAILS BY <i>Dali Zhou</i>	CHECKED <i>Eric Greve</i>			POST MILE 10.5	REVISION DATES (PRELIMINARY STAGE ONLY)		OF
QUANTITIES BY <i>Eric Greve</i>	CHECKED <i>Eric Greve</i>				4/27/10	6/6/11	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	194	199
 REGISTERED ELECTRICAL ENGINEER			9-13-13 DATE		
4-1-14 PLANS APPROVAL DATE					
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Reviewed by: 
 FRANCIS SOLICH
 Approval date: 03-10-2015



General Notes:

- A. For exact location of light fixtures, see Architectural Plans.
- B. Unless otherwise noted, all conduits under floor shall be 3/4" C, 2*12, 1*12G.
- C. Connect single pole light switch to load side of motion sensor switch.
- D. In Men's Toilet there shall be no exposed conduits nor junction boxes.
- E. For Men's wing Lights Control Station Schematic Diagram, see sheet EE2-7.

Notes:

- ① 3/4" C, 7*12 To Men's wing Lights Control Station
- ② To Men's wing Lights Control Station
- ③ 3/4" C, 7*12, 1*12G
- ④ Pendant mount lights in storage area. Mounting height shall be 9 feet
- ⑤ Lights marked "*" shall remain on at all times
- ⑥ 1" C, 6*12 (M9, 18, 22), 1*12
- ⑦ Timer switch for Utility lights is located in Men's wing Lights Control Station
- ⑧ F5 - 1x13. Provide protective cage to prevent damage to compact fluorescent bulb
- ⑨ Install light and switch in attic, adjacent to access



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

(NORTHBOUND SIMILAR, BUT ROTATED 180°)

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DESIGN	BY Eric Greve	CHECKED Eric Greve
DETAILS	BY Dali Zhou	CHECKED Eric Greve
QUANTITIES	BY Eric Greve	CHECKED Eric Greve

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

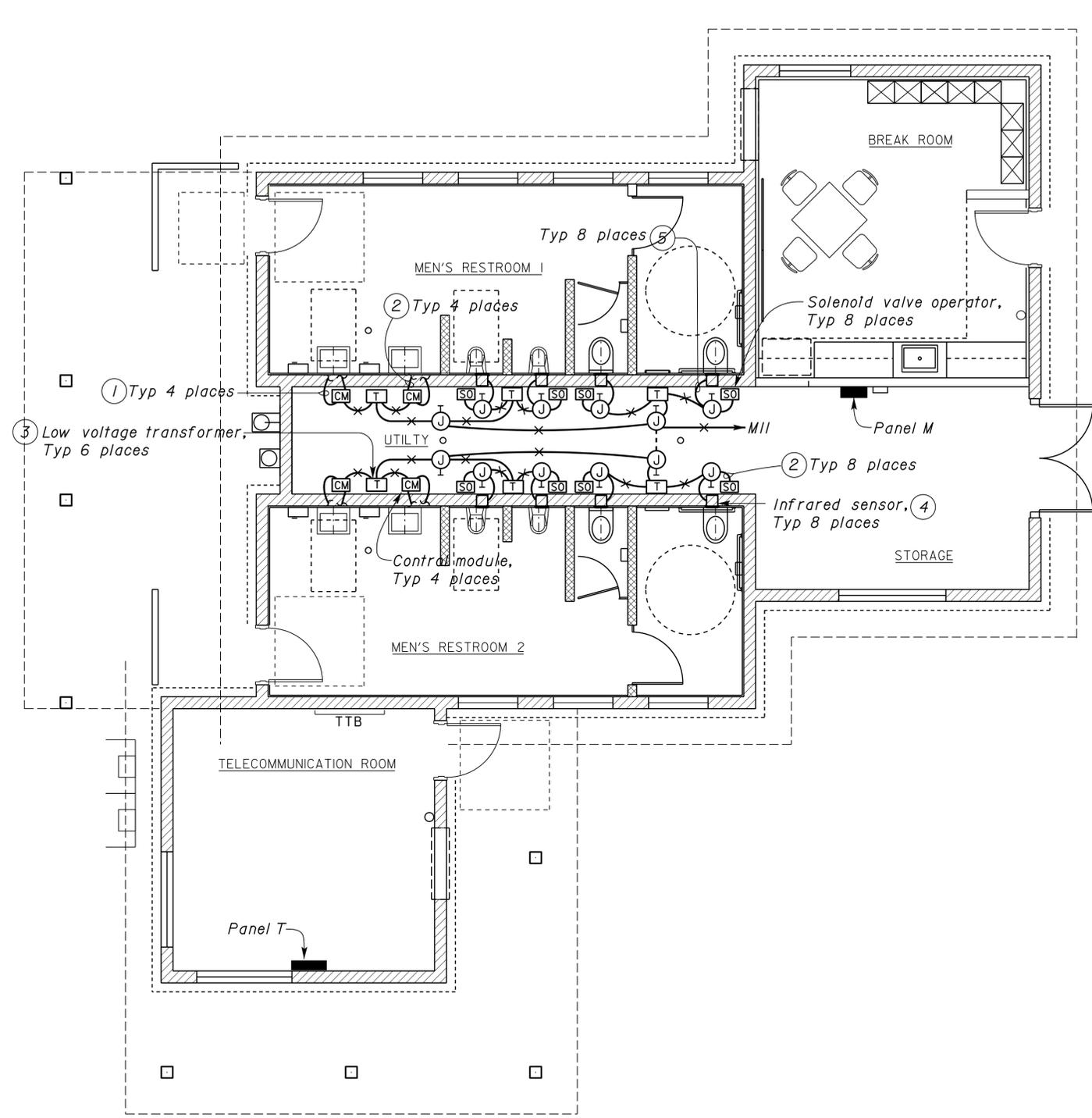
BRIDGE No. 08R0002L 08R0002R	CORNING S.R.R.A. UPGRADE	SHEET EE2-2
POST MILE 10.5		
MEN'S BUILDING	LIGHTING PLAN	

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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	195	199
<i>Eric Greve</i> REGISTERED ELECTRICAL ENGINEER			9-13-13 DATE		
4-1-14 PLANS APPROVAL DATE					
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FRANCIS SOLICH
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FLOOR PLAN
 SCALE 1/4" = 1'-0"

General notes:

- A. Install and connect automatic flush system as recommended by the manufacturer.
- B. All device and accessories for automatic flush system are supplied by water closet, urinal and faucet manufacturers.
- C. Provide and install support systems for support of armored cable as required.
- D. Transformer supplied by the manufacturer should be sized adequately to supply the total units shown. (Example, 2 water closets powered by one transformer)
- E. Conduits and conductor system as shown is diagrammatic only. Exact system layout shall depend upon the particular automatic flush system installed.

Notes:

- ① Armored cable to Infrared sensor at the faucet. Install armored cable through the PVC sleeve. For detail of PVC sleeve, see Architectural sheets
- ② Armored cable to solenoid valve operator
- ③ Provide and install all hardware required for the installation of the low voltage transformer as recommended by the manufacturer. Mount transformer in a surface mounted enclosure
- ④ Mount Infrared sensor in a flush mounted junction box at a location as recommended by the manufacturer
- ⑤ 1/2"C. conductors as required for operation of Infrared sensor and solenoid valve operator

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

(NORTHBOUND SIMILAR, BUT ROTATED 180°)

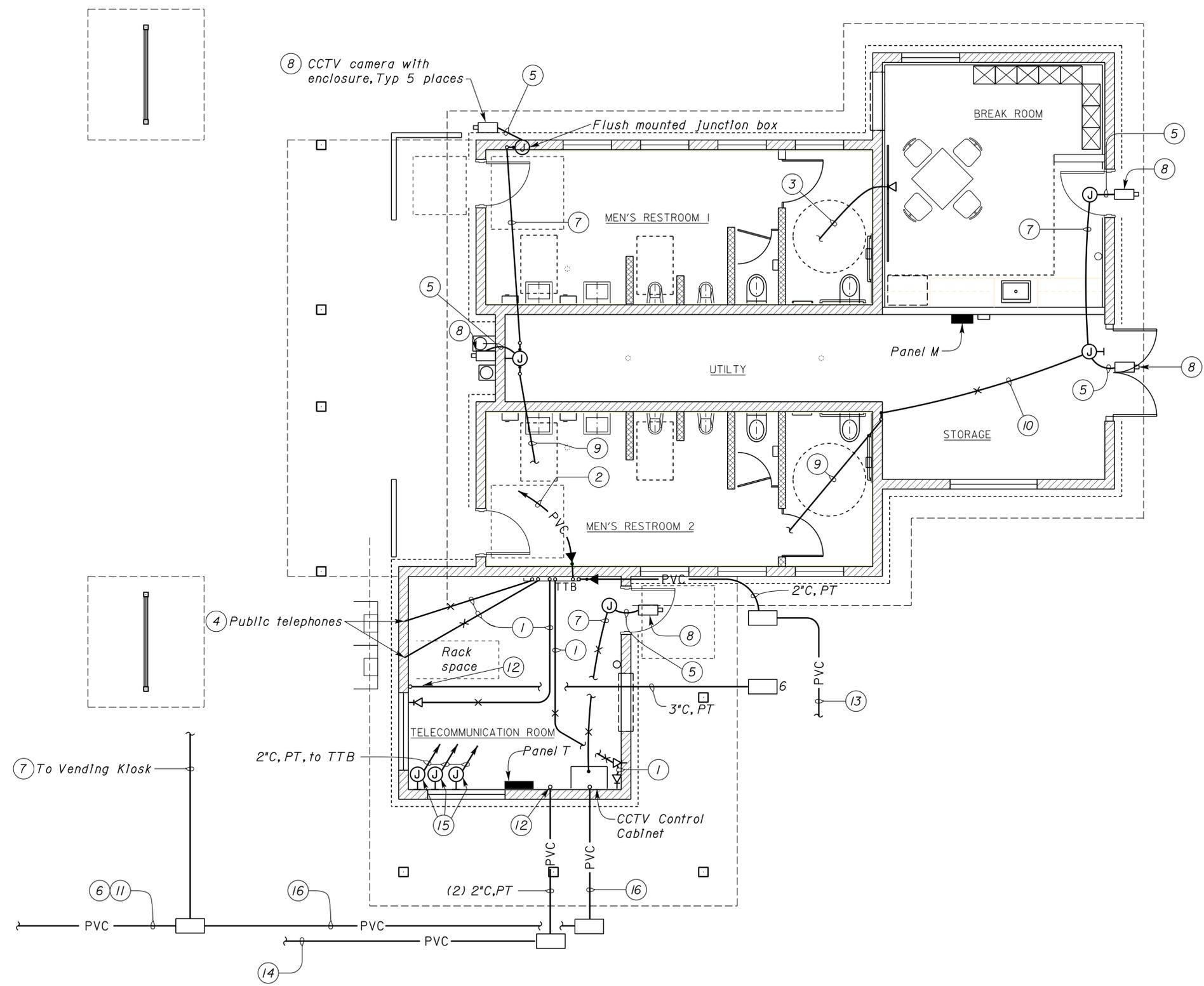
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DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	DETAILS BY <i>Dali Zhou</i> CHECKED <i>Eric Greve</i>	QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EE2-3
					POST MILE 10.5		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)
0 1 2 3				4/27/10 6/6/11	SHEET OF		

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Teh	5	10.5	196	199

Eric Greve REGISTERED ELECTRICAL ENGINEER		9-13-13 DATE
4-1-14 PLANS APPROVAL DATE		
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CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *[Signature]*
FRANCIS SOLICH
 Approval date: 03-10-2015



General Notes:
 A. Exact location of cameras to be determined by the Engineer.
 B. For Interconnection of CCTV system, see sheet EE2-5.

- Notes:**
- ① 3/4" C, PT
 - ② 2" C, PT to telephone panel in Women's wing.
 - ③ 3/4" C, PT to TTB in Telecom room.
 - ④ Terminate conduit to suit telephone enclosure.
 - ⑤ 3/4" C, 1 video cable, 2 power cables.
 - ⑥ 2" C, 4 video cables and 8 power cables.
 - ⑦ 1 1/2" C, 1 video cable and 2 power cables.
 - ⑧ Mount camera at a height as directed by the Engineer in the field.
 - ⑨ 1 1/2" C, 2 video cables and 4 power cables, to CCTV Control Cabinet.
 - ⑩ 1 1/2" C, 2 video cables and 4 power cables.
 - ⑪ To Women's wing. See Sheet EE1-4.
 - ⑫ Stub at 6" above finished floor and cap.
 - ⑬ 3" C, PT, to telephone service point. For continuation see sheet EEO-4 (Northbound), sheet EEO-8 (Southbound).
 - ⑭ 2" C, PT, to loop detector. For continuation see sheet EEO-4 (Northbound), sheet EEO-8 (Southbound).
 - ⑮ Surface mount junction box, mount at 20" above floor.
 - ⑯ 2" C, 5 video cables and 10 power cables.

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

(NORTHBOUND SIMILAR, BUT ROTATED 180°)

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DESIGN BY <i>Eric Greve</i>	CHECKED <i>Greve Eric</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE	SHEET EE2-4
				POST MILE 10.5		
DETAILS BY <i>Dali Zhou</i>	CHECKED <i>Greve Eric</i>	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	
QUANTITIES BY <i>Greve Eric</i>	CHECKED <i>Greve Eric</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	4/27/10 6/6/11			

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02	Teh	5	10.5	197	199

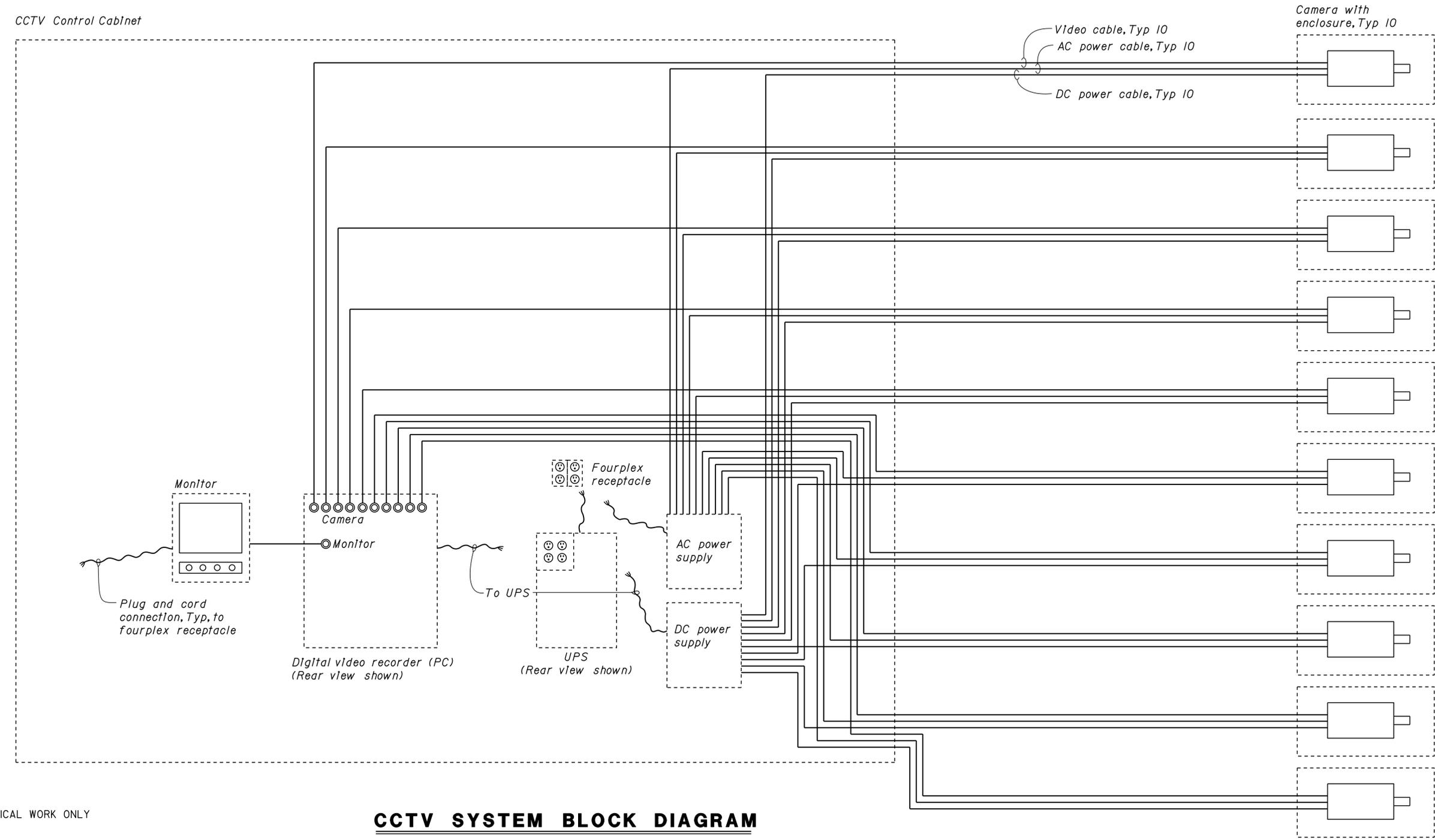
<i>Eric Greve</i>	9-13-13
REGISTERED ELECTRICAL ENGINEER	DATE

4-1-14
PLANS APPROVAL DATE

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General Notes:
 A. DC power cable is for camera power.
 B. AC power cable is for heater and fan for camera.



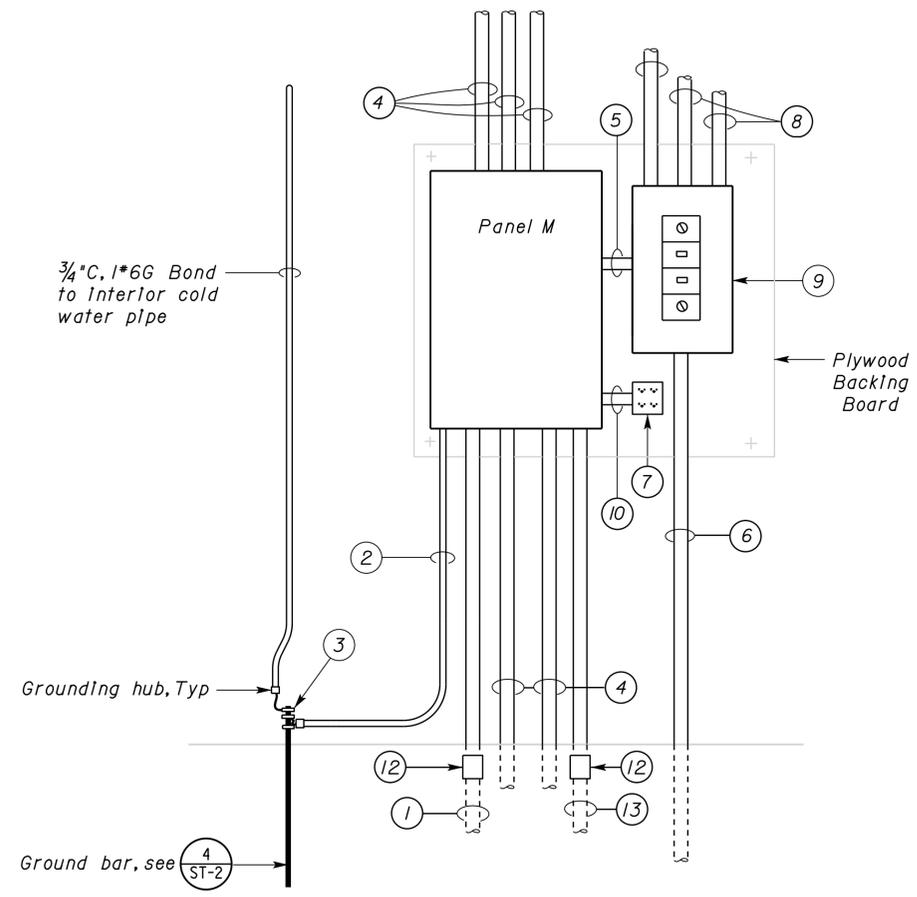
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CCTV SYSTEM BLOCK DIAGRAM

DESIGN BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE No. 08R0002L	CORNING S.R.R.A. UPGRADE		SHEET
			08R0002R	MEN'S BUILDING		EE2-5
			POST MILE 10.5	ELECTRICAL DETAILS		
DETAILS BY <i>Dali Zhou</i> CHECKED <i>Eric Greve</i>	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 3618 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
QUANTITIES BY <i>Eric Greve</i> CHECKED <i>Eric Greve</i>	0 1 2 3		4/27/10 6/6/11			

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02	Teh	5	10.5	198	199
<i>Eric Greve</i> REGISTERED ELECTRICAL ENGINEER			9-13-13 DATE		
4-1-14					
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- Notes:**
- ① 3\"C, 4*1/0, 1*6G (From Men's wing feeder disconnect in Women's wing).
 - ② 3/4\"C, 1*6G.
 - ③ Grounding clamp, Typ.
 - ④ Conduits and conductors as required.
 - ⑤ 1\"C, 6*12 (M9, 18, 22), 1*12G.
 - ⑥ 1\"C, 2*12, 1*12G. To exterior Lights, see sheet EE2-2.
 - ⑦ Fourplex Receptacle
 - ⑧ 3/4\"C, 7*12, 1*12G. See sheet EE2-2.
 - ⑨ Men's Wing Light Control Station. See Schematic Diagram, Sheet EE2-7.
 - ⑩ 3/4\"C, 2*12 (M17), 1*12G.
 - ⑪ 3/4\"C, 7*12, 1*12G, see sheet EE2-2.
 - ⑫ Conduit adapter.
 - ⑬ 2\"C, 4*6 (M1-3-5), 1*10G. To Panel T In Telecom room.

A ELEVATION
 NO SCALE

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DESIGN	BY	<i>Eric Greve</i>	CHECKED	<i>Eric Greve</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ELECTRICAL-MECHANICAL-WATER AND WASTEWATER DESIGN	BRIDGE NO.	CORNING S.R.R.A. UPGRADE		SHEET	
	DETAILS	BY	<i>Dali Zhou</i>	CHECKED			<i>Eric Greve</i>	08R0002L	MEN'S BUILDING	ELECTRICAL DETAILS	EE2-6
	QUANTITIES	BY	<i>Eric Greve</i>	CHECKED			<i>Eric Greve</i>	08R0002R			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS						UNIT PROJECT NUMBER & PHASE	POST MILE	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	
0 1 2 3						3618 02000000301	10.5	4/27/10 6/6/11			

MAIN: 100 AMPERE, 3 POLE CB
VOLTS: 120/208, 3 PHASE, 4 WIRE

PANEL M

FEEDER SIZE: 4*1/0, 1*6G
LOCATION: MENS' STORAGE

DESCRIPTION	AMPERES			BRK	CKT	A	B	C	CKT	BRK	AMPERES			DESCRIPTION	
	A	B	C								A	B	C		
PANEL T	16			50/3	1				2	20/1	16			HAND DRYER 1	
		16.5			3				4	20/1		16			HAND DRYER 2
			16		5				6	20/1			16		HAND DRYER 3
SPACE	-			-	7				8	20/1	16			HAND DRYER 4	
LIGHTS- STORAGE & UTILITY		4		15/1	9				10	20/1		10		RECEPTACLE - WATER CHILLER	
AUTOMATIC FLUSH			5	20/1	11				12	20/1			12.5	WATER HEATER	
HVAC - CREW	16			*	13				14	20/1	4.5			MIS RECEPTACLE - CREW	
VENTILATION FANS		12		20/1	15				16	20/1		7.5		RECEPTACLES - CREW	
RECEPTACLE - FOURPLEX			3	20/1	17				18	20/1			5	LIGHTS - EXTERIOR	
RECEPTACLES - UTILITY	6			20/1	19				20	-	-			SPACE	
PUBLIC TELEPHONES		4		20/1	21				22	20/1		6		LIGHTS - MEN'S RESTROOM, PEC	
RECEPTACLES- STORAGE			7.5	-	23				24	20/1				SPACE	
SPACE	-			-	25				26	20/1	-			SPACE	
				-	27				28	20/1		3		LIGHTS - CREW	
				-	29				30	20/1				SPARE	
				-	31				32	20/1	-				
				-	33				34	20/1	-				
				-	35				36					SPACE	
				-	37				38	-	-				
				-	39				40						
				-	41				42						

* Size CB as recommended by the HVAC manufacturer

A	B	C	TOTAL AMPERES PER PHASE
74.5	79	65	

MAIN: 50 AMPERE, 3 POLE CB
VOLTS: 120/208, 3 PHASE, 4 WIRE

PANEL T

FEEDER SIZE: 4*6, 1*10G
LOCATION: TELECOM ROOM IN MEN'S WING

DESCRIPTION	AMPERES			BRK	CKT	A	B	C	CKT	BRK	AMPERES			DESCRIPTION
	A	B	C								A	B	C	
HVAC - TELECOM ROOM	16			*	1				2	-	-			SPACE
RECEPTACLE, TELECOM		6		20/1	3				4	20/1		3		LIGHTS, TELECOM
CCTV SYSTEM			6	20/1	5				6	20/1			3	FOURPLEX RECEPTACLE, NEXT TO TTB
RACK SPARE, FUTURE USE	-			20/1	7				8	-	-			SPACE
RACK SPARE FUTURE USE				20/1	9				10	20/1		9		FOURPLEX RECEPTACLES, SILO
RACK SPARE FUTURE USE				20/1	11				12	20/1			6	RECEPTACLE, TELECOM
SPACE	-			-	13				14	-	-			SPACE
				-	15				16	-	-			
				-	17				18	-	-			
				-	19				20	-	-			
				-	21				22	-	-			
				-	23				24	-	-			

* Size CB as recommended by the HVAC manufacturer

A	B	C	TOTAL AMPERES PER PHASE
16	18	15	

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FRANCIS SOLICH
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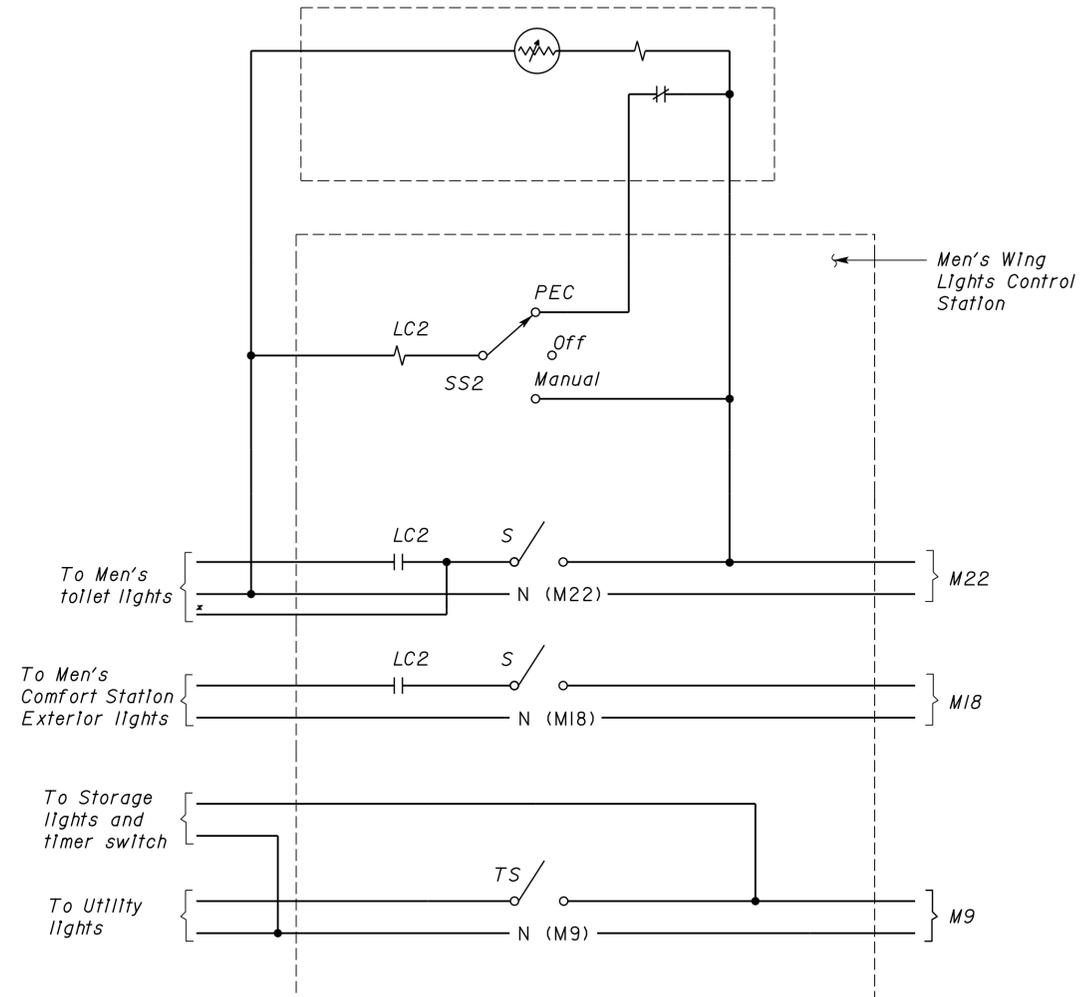
Eric Greve 9-13-13
REGISTERED ELECTRICAL ENGINEER DATE

4-1-14
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PEC2 mounted on exterior wall of Men's comfort station



* - Lights over the sink and at handicap stall. See sheet EE2-2.

MEN'S WING LIGHTS CONTROL STATION SCHEMATIC DIAGRAM

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			08R0002R	MEN'S BUILDING		EE2-7
			POST MILE 10.5	ELECTRICAL DETAILS		
DETAILS BY <i>Dali Zhou</i> CHECKED <i>Eric Greve</i>	UNIT 3618	PROJECT NUMBER & PHASE 02000000301	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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