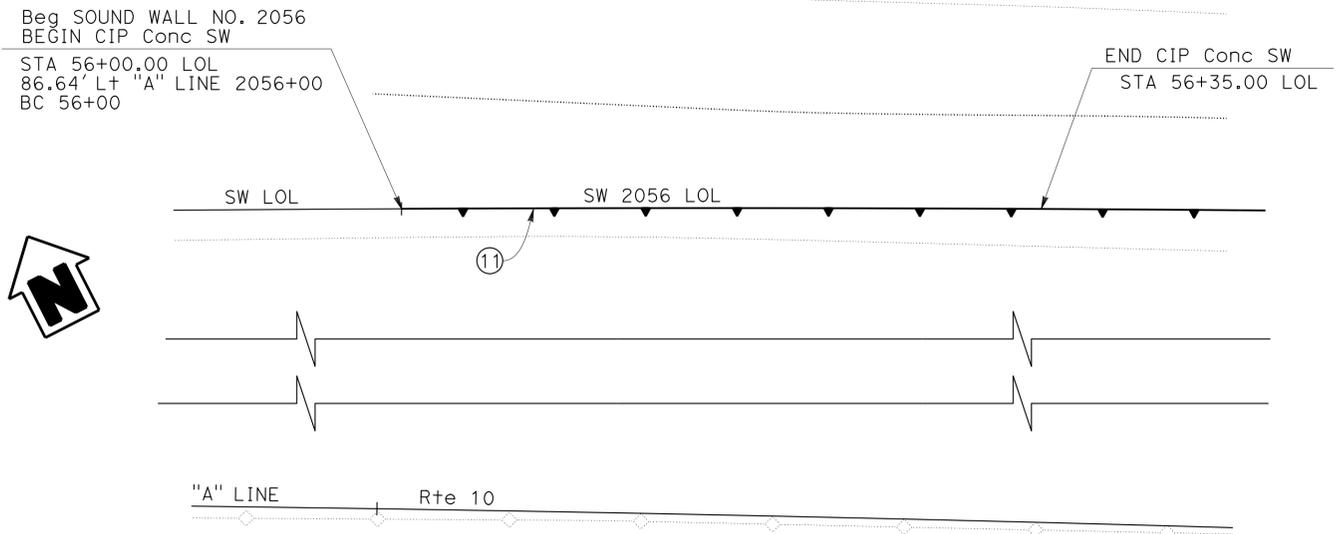


ELEVATION
1" = 5'

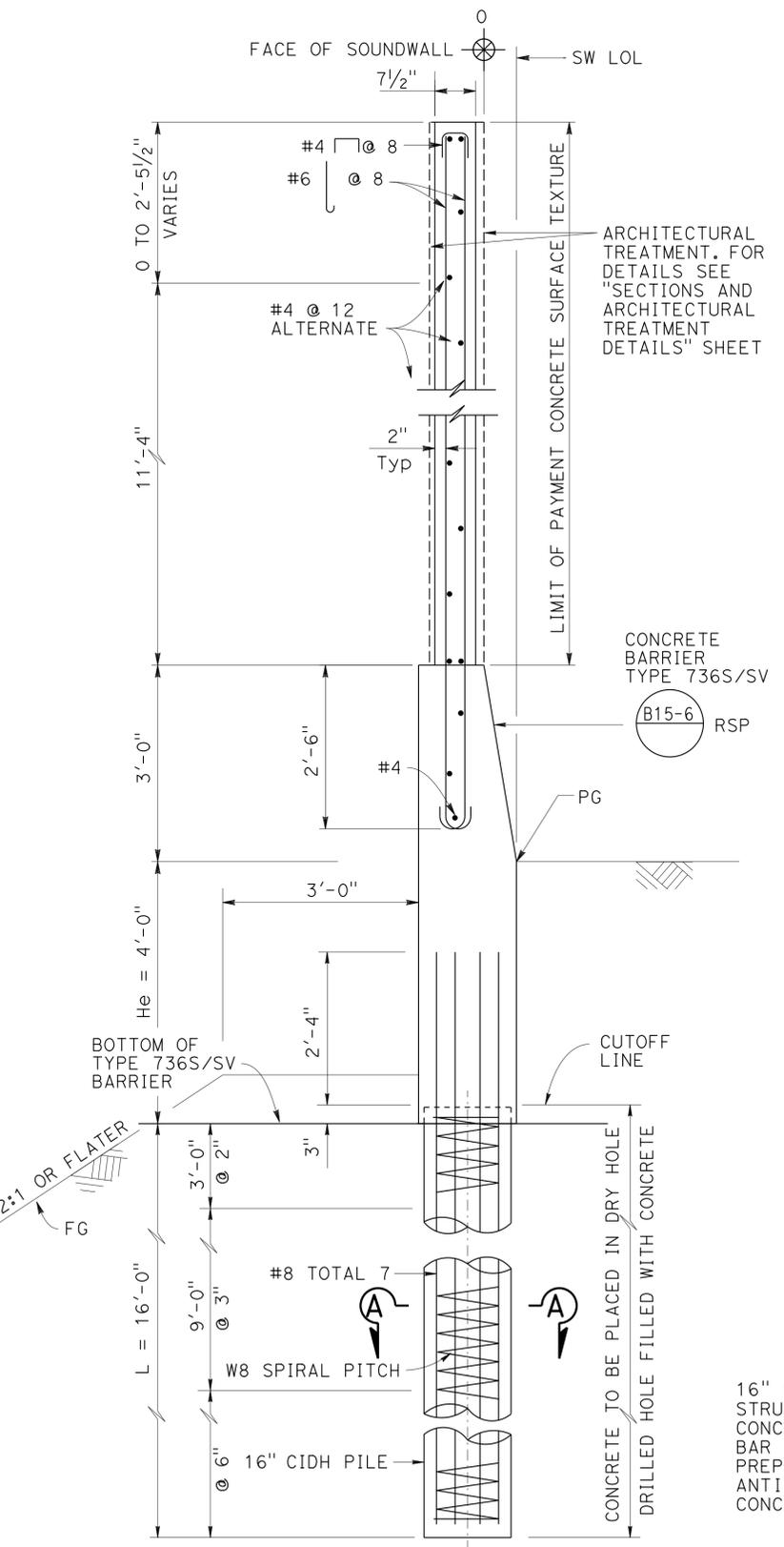
CURVE DATA

No.	⊕	R	Δ	T	L
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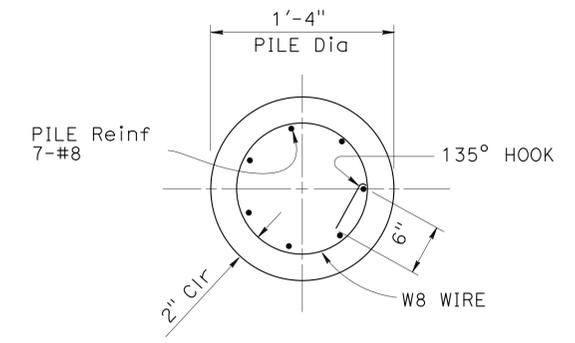


PLAN
1" = 5'

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



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



SECTION A-A
1/2" = 1'-0"

QUANTITIES

16" CAST-IN-DRILLED-HOLE CONCRETE PILING	176	LF
STRUCTURAL CONCRETE (RETAINING WALL)	10	CY
CONCRETE SURFACE TEXTURE	846	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	3,036	LB
PREPARE AND PAINT CONCRETE	423	SQFT
ANTI-GRAFFITI COATING	846	SQFT
CONCRETE BARRIER (TYPE 736S/SV)	35	LF

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	10	37.2/42.4	2302	2313

Davit Tadelle Esq 02-06-15
 REGISTERED CIVIL ENGINEER DATE

6-1-15
 PLANS APPROVAL DATE

Dawit T Worku
 No. C60711
 Exp 12-31-16
 CIVIL
 STATE OF CALIFORNIA

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STANDARD PLANS DATED 2010

A10A	ABBREVIATIONS (SHEET 1 OF 2)
(RSP) A10B	ABBREVIATIONS (SHEET 2 OF 2)
A10C	LINES AND SYMBOLS (SHEET 1 OF 3)
A10D	LINES AND SYMBOLS (SHEET 2 OF 3)
A10E	LINES AND SYMBOLS (SHEET 3 OF 3)
A10H	LEGEND - ROCK
A62C	LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE
B0-3	BRIDGE DETAILS
(RSP) B15-6	SOUND WALL MASONRY BLOCK ON TYPE 736S/SV BARRIER DETAIL (1)



INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN
2	INDEX TO PLANS
3	ARCHITECTURAL ABBREVIATIONS, SYMBOLS & INDEX
4	ELEVATION AT CITY MONUMENT-FREEWAY SIDE
5	ELEVATION AT CITY MONUMENT-RESIDENTIAL SIDE
6	ELEVATION AT CITY MONUMENT-LAYOUT GRID
7	ELEVATION AT CITY MONUMENT-COLOR SCHEDULE
8	SECTIONS AND ARCHITECTURAL TREATMENT DETAILS
9	ARCHITECTURAL TREATMENT DETAILS NO. 1
10	ARCHITECTURAL TREATMENT DETAILS NO. 2

DESIGN NOTES:

DESIGN
 AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments

LS
 Varied surcharge on level ground surface

CT:
 54 kip maximum traffic impact loading evenly distributed over 10 feet at top of the barrier and 1:1 distribution down and outward

REINFORCED CONCRETE

f'c = 3.6 ksi n = 8
 fy = 60 ksi

SEISMIC: kh = 0.2, kv = 0.0

SOIL: φ = 32°
 γ = 120 pcf

LOAD COMBINATIONS AND LIMIT STATES:

Service I	Q = 1.00DC + 1.00EH + 1.00LS + 0.3WS
Service II	Q = 1.00DC + 1.00EH + 1.3LS
Service IV	Q = 1.00DC + 1.00EH + 0.7WS
Strength I	Q = 1.25DC + 1.35EH + 1.75LS
Strength III	Q = 1.25DC + 1.35EH + 1.4WS
Extreme I	Q = 1.00DC + 1.00EH + 1.00EQD + 1.00EQE
Extreme II	Q = 1.00DC + 1.00EH + 0.5LS + 1.00CT

Where:
 Q: Force Effects
 DC: Dead Load of Structure Components
 EH: Horizontal Earth Fill Pressure
 EV: Vertical Earth Pressure from Earth Fill Weight
 LS: Live Load Surcharge
 EQE: Seismic Earth Pressure
 EQD: Soil and Structural and Nonstructural Components Inertia
 CT: Vehicular Collision Force
 WS: Wind Load on Structure

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

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)	DESIGN	BY Homa Iraninejadian	CHECKED Mohammad Muqtadir	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN	BRIDGE NO. -	CIP CONCRETE SOUNDWALL NO. 2056	
	DETAILS	BY Lan T Tran	CHECKED Homa Iraninejadian		DESIGN BRANCH 20	POST MILE 38.94		INDEX TO PLANS
	QUANTITIES	BY Homa Iraninejadian	CHECKED Mohammad Muqtadir		UNIT: 3622 PROJECT NUMBER & PHASE: 0713000007-4	CONTRACT NO.: 07-1193U1		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET 2 OF 10		

FILE => 53-SW2056-a-1+1p.dgn

USERNAME => s125624 DATE PLOTTED => 18-MAY-2015 TIME PLOTTED => 16:42

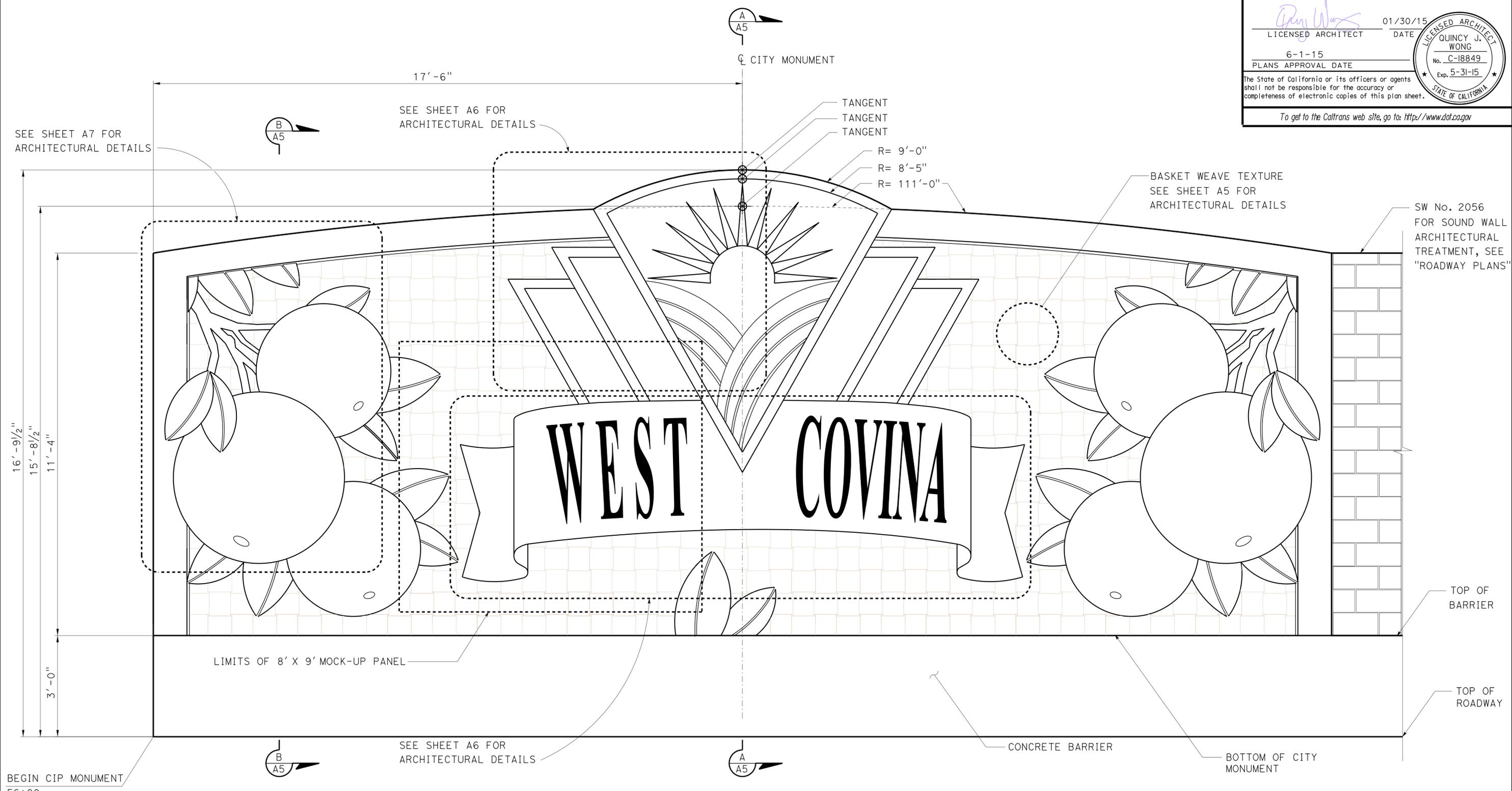
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	37.2/42.4	2304	2313

<i>Quincy Wong</i>	01/30/15
LICENSED ARCHITECT	DATE
6-1-15	
PLANS APPROVAL DATE	

LICENSED ARCHITECT
QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
 STATE OF CALIFORNIA

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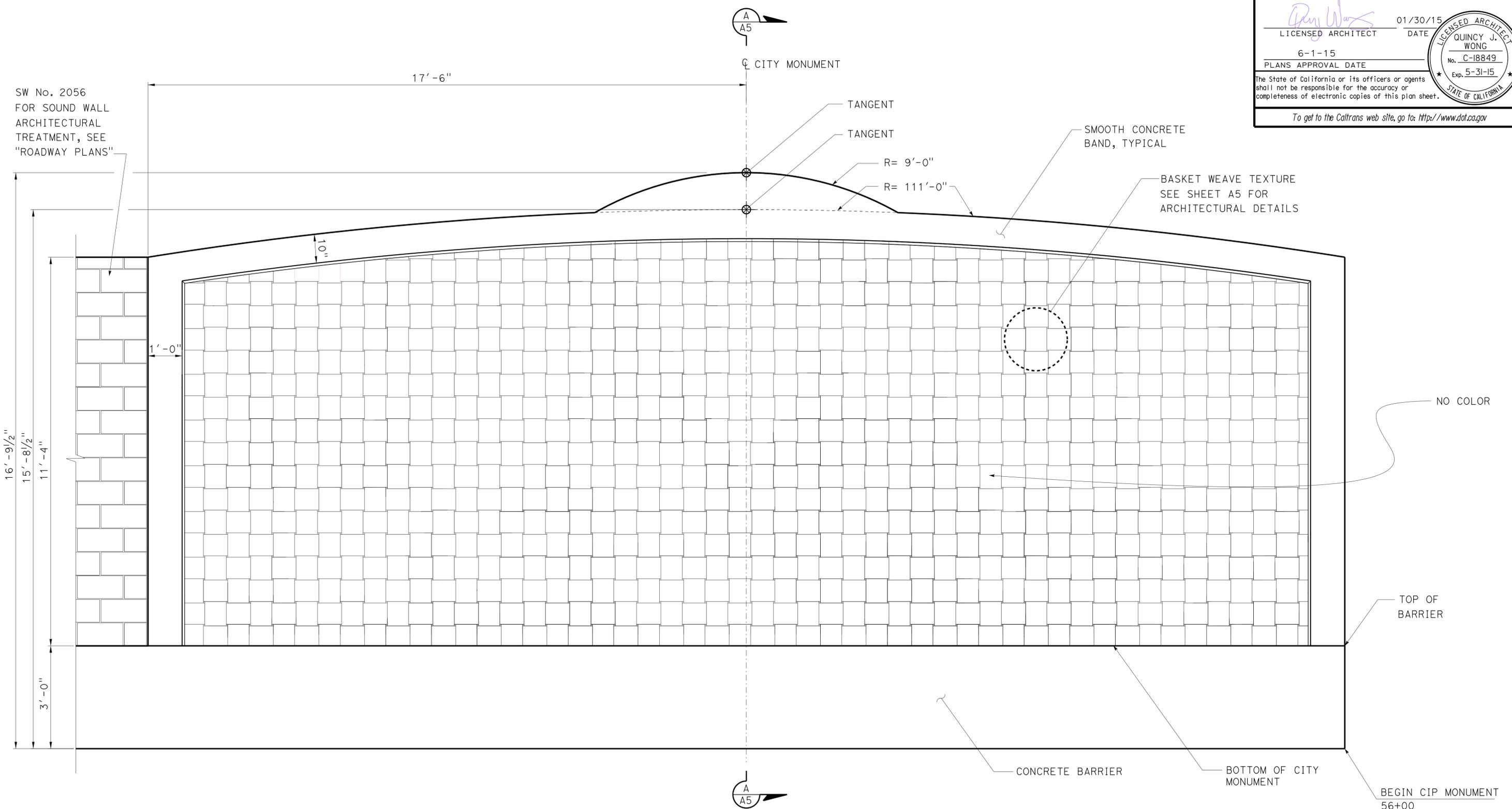
ELEVATION AT CITY MONUMENT - FREEWAY SIDE

NO SCALE

DESIGN BY D. FOWKES	CHECKED V. MOORE	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES BRIDGE ARCHITECTURE AND AESTHETICS	BRIDGE NO. X POST MILE 38.94	CIP CONCRETE SOUNDWALL NO.2056 ELEVATION AT CITY MONUMENT-FREEWAY SIDE	SHEET A1 OF 10
DETAILS BY D. FOWKES	CHECKED Q. WONG	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		CONTRACT NO.: 07-1193U1	REVISION DATES 01/30/15 02/04/15	DISREGARD PRINTS BEARING EARLIER REVISION DATES
QUANTITIES BY H. IRANINEJADIAN	CHECKED M. MUQTADIR	FILE => 53-SW2056-b-02.dgn		STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)		

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	37.2/42.4		2305	2313

Quincy Wong
 LICENSED ARCHITECT DATE 01/30/15
 6-1-15
 PLANS APPROVAL DATE
 LICENSED ARCHITECT QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
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ELEVATION AT CITY MONUMENT - RESIDENTIAL SIDE

NO SCALE

DESIGN	BY D. FOWKES	CHECKED V. MOORE
DETAILS	BY V. MOORE	CHECKED Q. WONG
QUANTITIES	BY H. IRANINEJADIAN	CHECKED M. MUQTADIR

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
BRIDGE ARCHITECTURE AND AESTHETICS

BRIDGE NO.	X
POST MILE	38.94

CIP CONCRETE SOUNDWALL NO.2056
 ELEVATION AT CITY MONUMENT-RESIDENTIAL SIDE

SHEET
A2

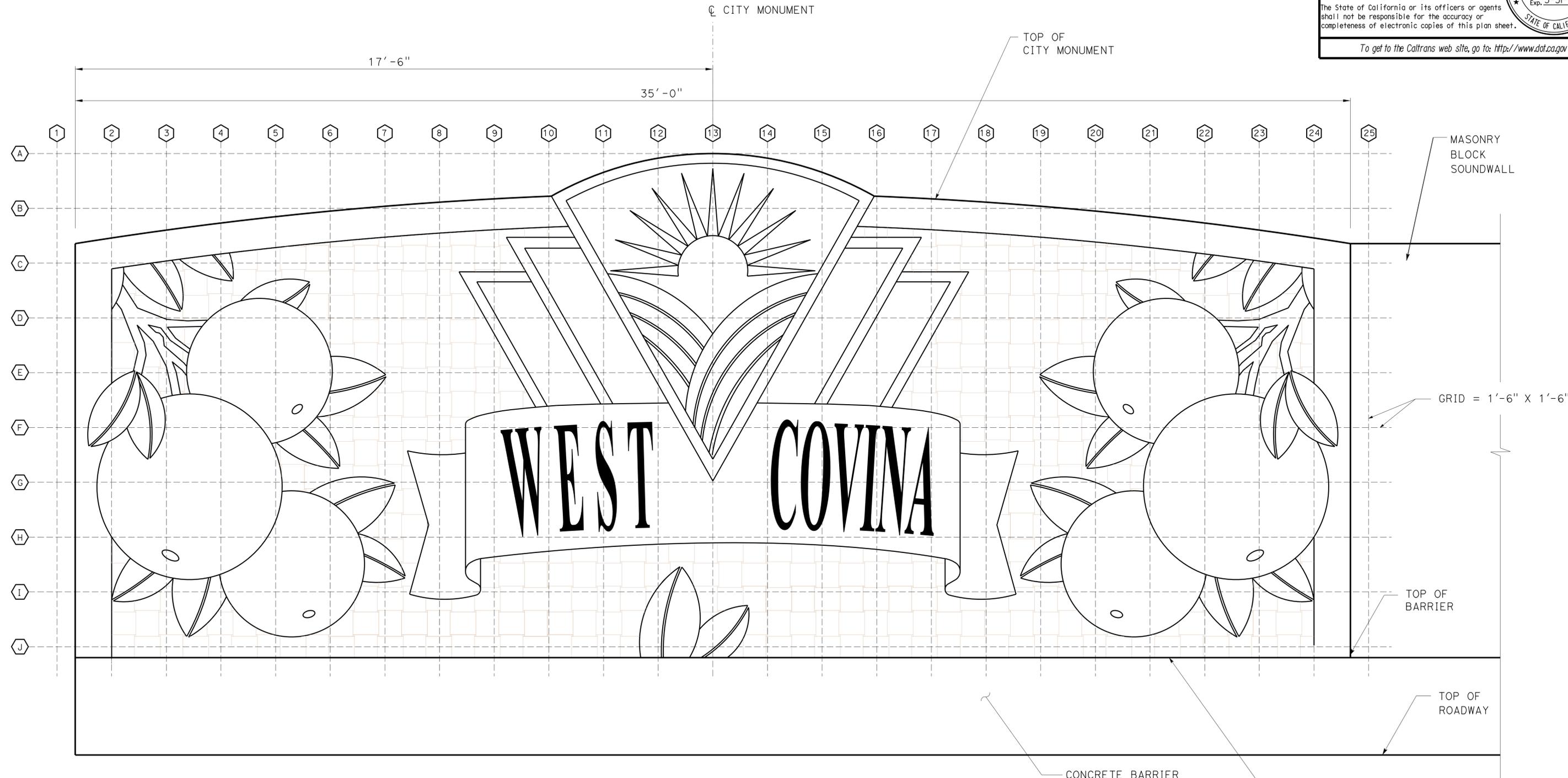
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07	LA	10	37.2/42.4	2306	2313

<i>Quincy Wong</i>	01/30/15
LICENSED ARCHITECT	DATE
6-1-15	
PLANS APPROVAL DATE	

LICENSED ARCHITECT
QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
 STATE OF CALIFORNIA

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ELEVATION AT CITY MONUMENT - LAYOUT GRID

NO SCALE

DESIGN	BY D. FOWKES	CHECKED V. MOORE
DETAILS	BY D. FOWKES	CHECKED Q. WONG
QUANTITIES	BY H. IRANINEJADIAN	CHECKED M. MUQTADIR

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
BRIDGE ARCHITECTURE AND AESTHETICS

BRIDGE NO.	X
POST MILE	38.94

CIP CONCRETE SOUNDWALL NO. 2056
ELEVATION AT CITY MONUMENT-LAYOUT GRID

SHEET
A3

COLOR SCHEDULE

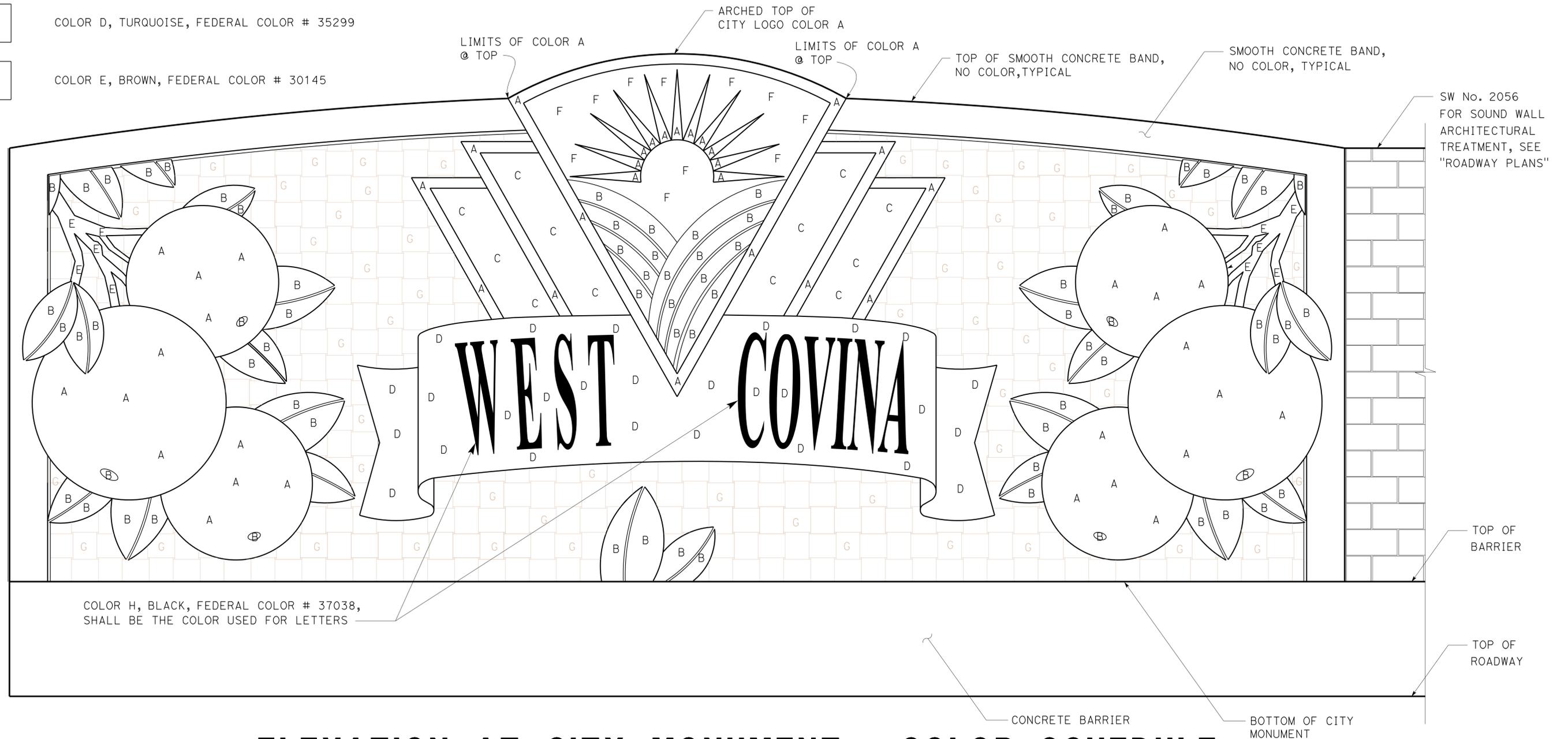
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07	LA	10	37.2/42.4	2307	2313

Quincy J. Wong
 LICENSED ARCHITECT DATE 01/30/15
 No. C-18849
 Exp. 5-31-15
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- | | | | |
|---|---|---|--|
| A | COLOR A, ORANGE, FEDERAL COLOR # 32473 | F | COLOR F, LIGHT ORANGE, FEDERAL COLOR # 32555 |
| B | COLOR B, GREEN, FEDERAL COLOR # 34138 | G | COLOR G, BEIGE, FEDERAL COLOR # 20475 |
| C | COLOR C, YELLOW, FEDERAL COLOR # 33696 | H | COLOR H, BLACK, FEDERAL COLOR # 37038 |
| D | COLOR D, TURQUOISE, FEDERAL COLOR # 35299 | | |
| E | COLOR E, BROWN, FEDERAL COLOR # 30145 | | |



ELEVATION AT CITY MONUMENT - COLOR SCHEDULE

NO SCALE

DESIGN	BY D. FOWKES	CHECKED V. MOORE
DETAILS	BY D. FOWKES	CHECKED Q. WONG
QUANTITIES	BY H. IRANINEJADIAN	CHECKED M. MUQTADIR

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
BRIDGE ARCHITECTURE AND AESTHETICS

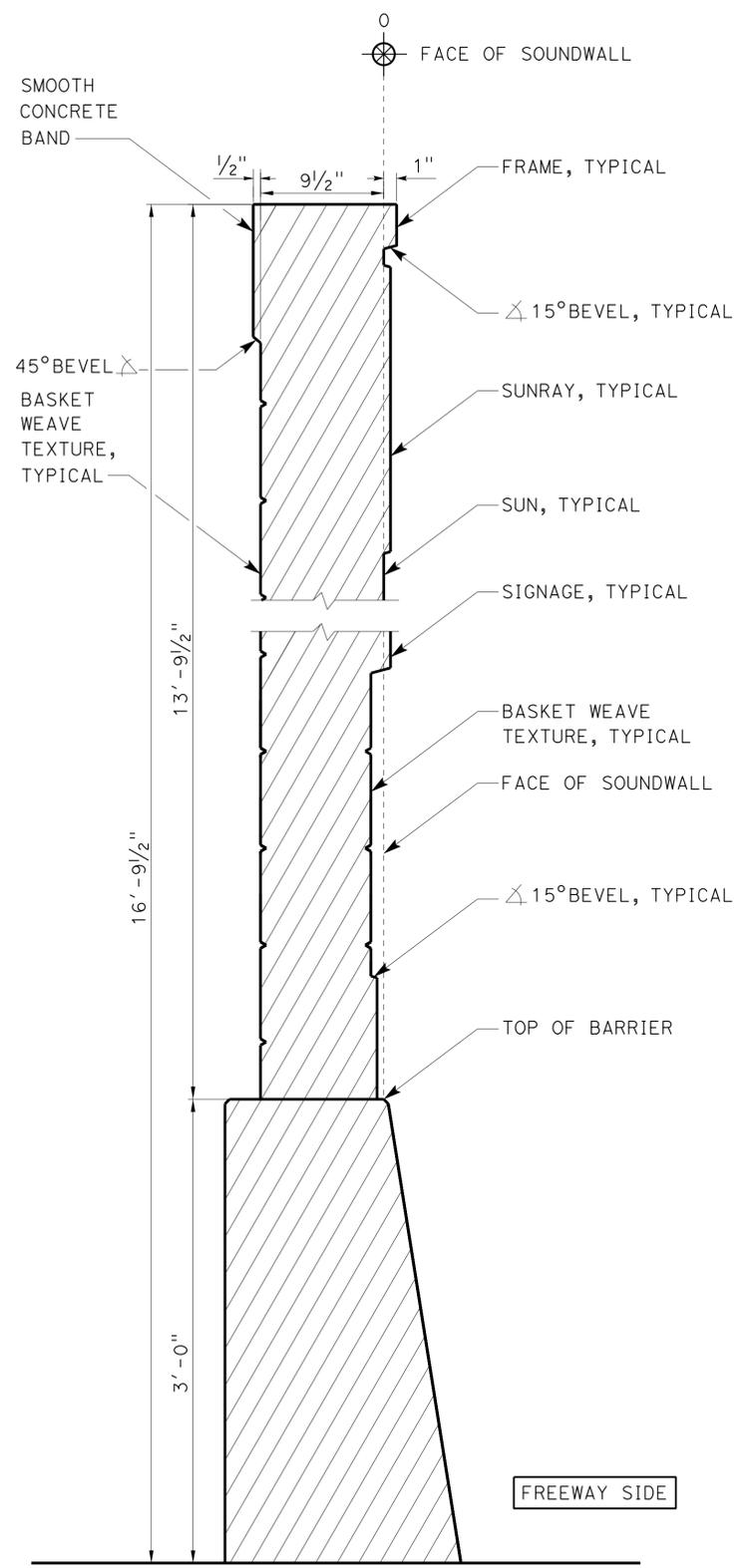
BRIDGE NO.	X
POST MILE	38.94

CIP CONCRETE SOUNDWALL NO. 2056
ELEVATION AT CITY MONUMENT-COLOR SCHEDULE

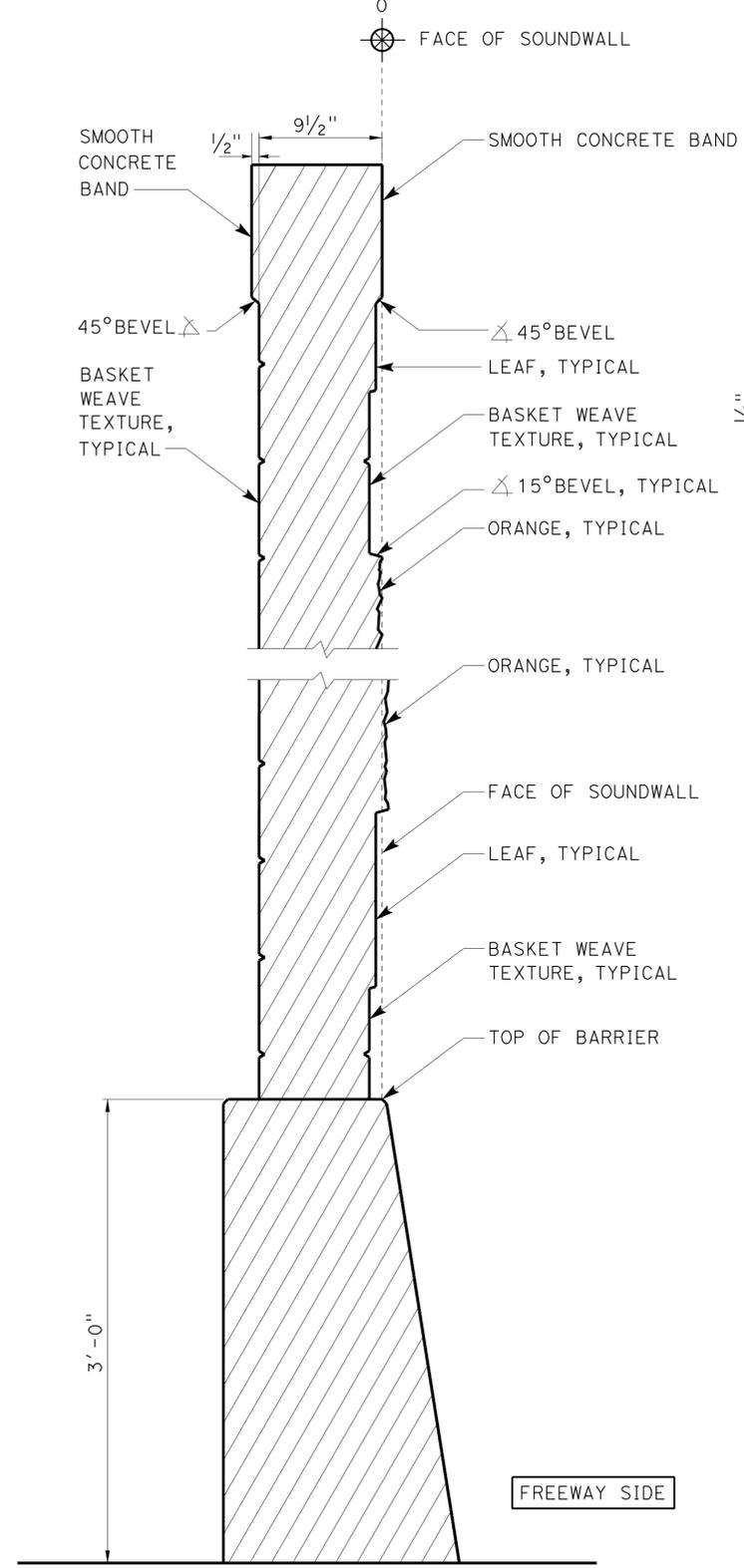
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A4

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
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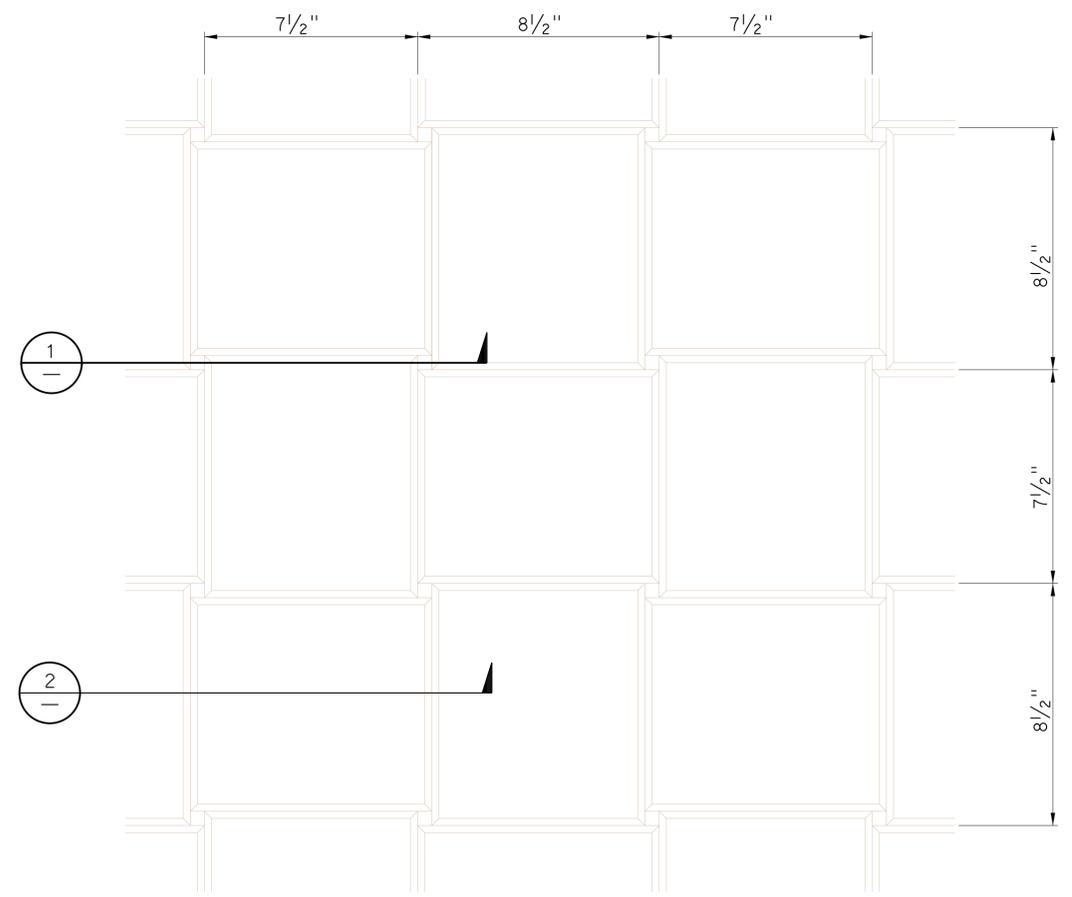
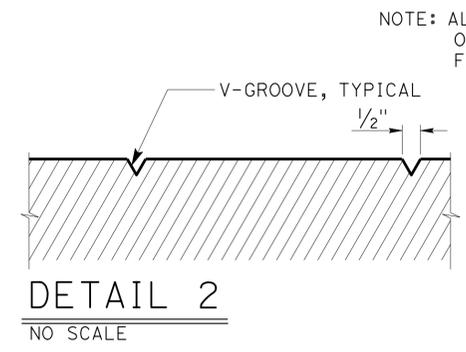
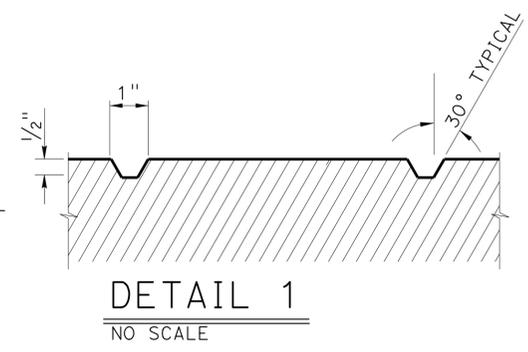
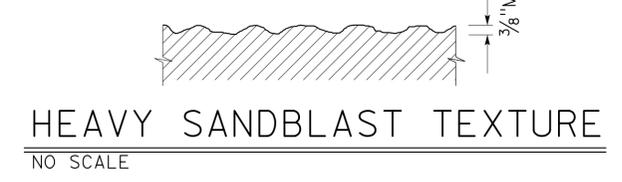
01/30/15 DATE
 LICENSED ARCHITECT
 QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
 STATE OF CALIFORNIA
 PLANS APPROVAL DATE 6-1-15
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SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



BASKET WEAVE TEXTURE
NO SCALE

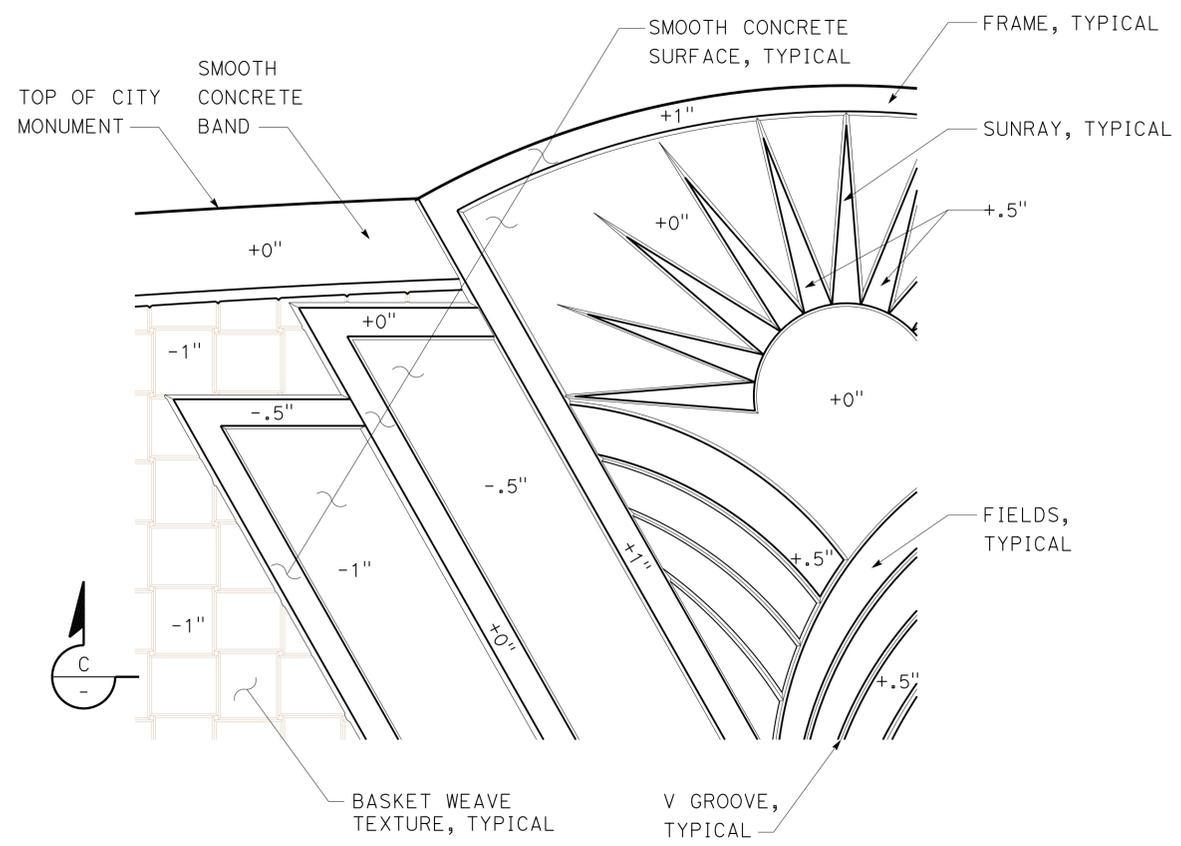
NOTE: ALL REFERENCE TO SURFACE DIMENSIONS OF WALL DETAILS ARE FROM DATUM 0 = FACE OF SOUNDWALL, TYPICAL

DESIGN	BY D. FOWKES	CHECKED V. MOORE	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES BRIDGE ARCHITECTURE AND AESTHETICS	BRIDGE NO. X	CIP CONCRETE SOUNDWALL NO. 2056	SHEET OF A5
	DETAILS BY D. FOWKES	CHECKED Q. WONG			POST MILE 38.94		
QUANTITIES	BY H. IRANINEJADIAN	CHECKED M. MUQTADIR	CU 07 PROJECT 0713000007-4	CONTRACT NO.: 07-1193U1	REVISION DATES	SHEET OF 8 10	

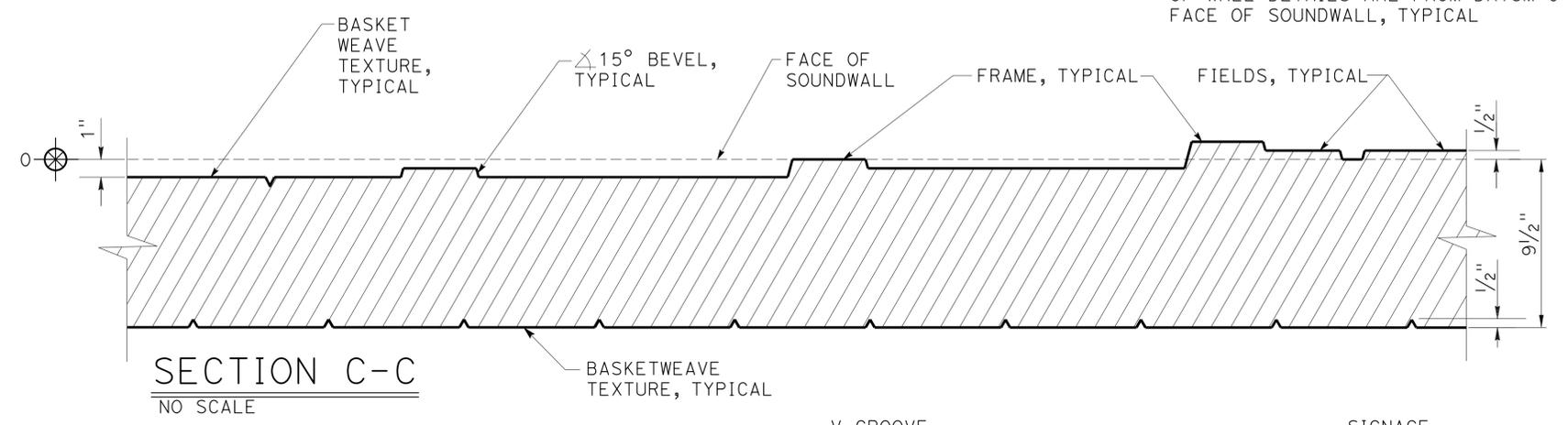
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 FILE => 53-SW2056-b-06.dgn
 DISREGARD PRINTS BEARING EARLIER REVISION DATES
 REVISION DATES: 01/30/15, 02/04/15

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	37.2/42.4	2309	2313

01/30/15
 LICENSED ARCHITECT DATE
 6-1-15
 PLANS APPROVAL DATE
 LICENSED ARCHITECT
 QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
 STATE OF CALIFORNIA
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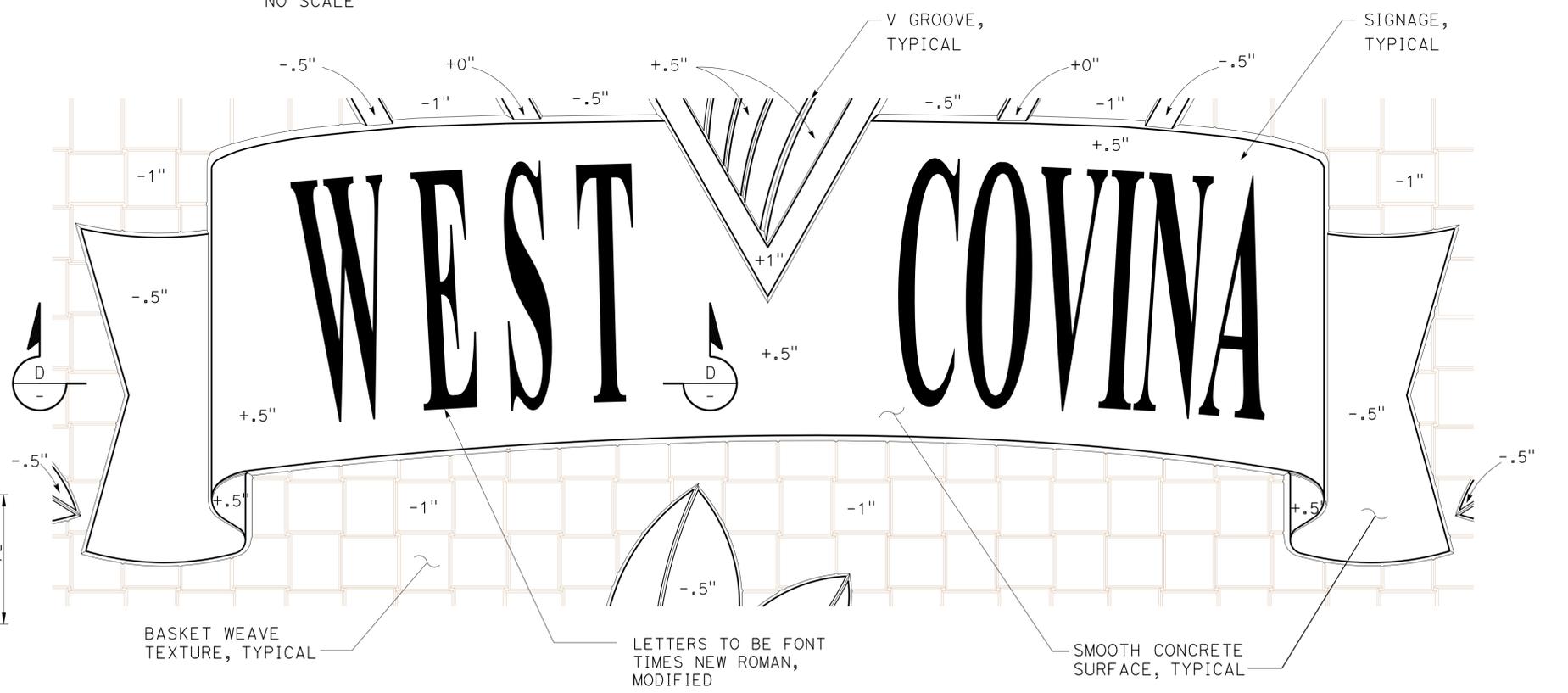


DETAIL
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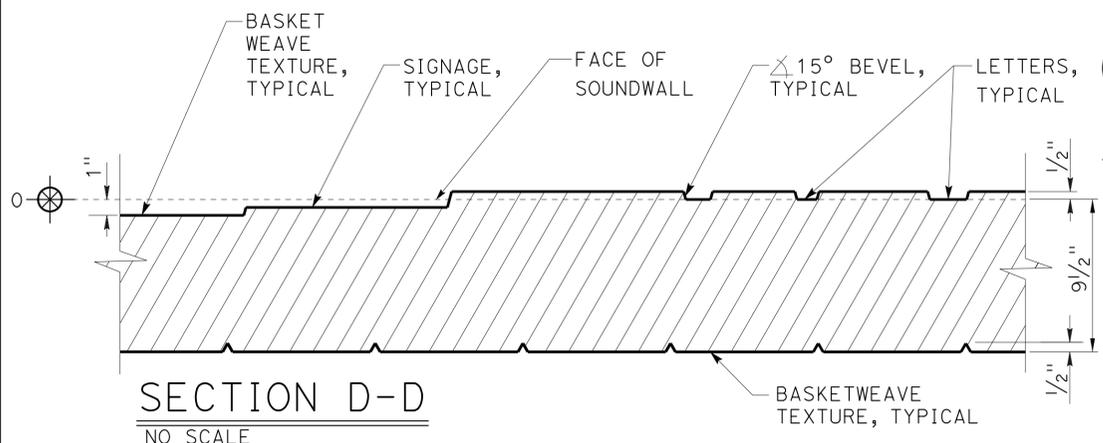


SECTION C-C
NO SCALE

NOTE: ALL REFERENCE TO SURFACE DIMENSIONS OF WALL DETAILS ARE FROM DATUM 0 = FACE OF SOUNDWALL, TYPICAL



DETAIL
NO SCALE



SECTION D-D
NO SCALE

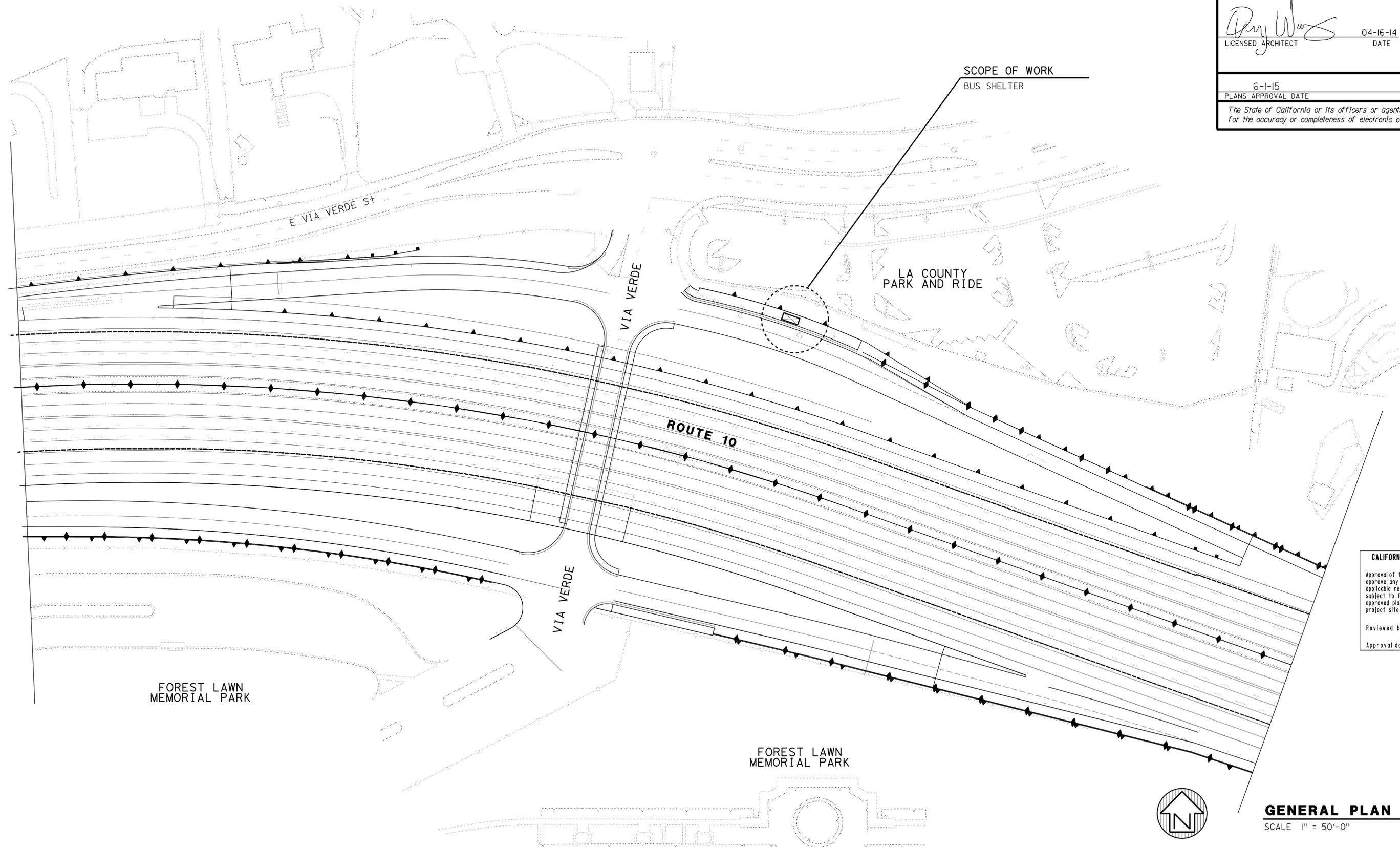
STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)	DESIGN	BY D. FOWKES	CHECKED V. MOORE	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES BRIDGE ARCHITECTURE AND AESTHETICS	BRIDGE NO.	X	CIP CONCRETE SOUNDWALL NO. 2056 ARCHITECTURAL TREATMENT DETAILS No.1	SHEET	OF
	DETAILS	BY D. FOWKES	CHECKED Q. WONG			POST MILE	38.94		9	10
	QUANTITIES	BY H. IRANINEJADIAN	CHECKED M. MUQTADIR			CONTRACT NO.:	07-1193U1		REVISION DATES	02/04/15

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 CU 07 PROJECT 0713000007-4
 CONTRACT NO.: 07-1193U1
 DISREGARD PRINTS BEARING EARLIER REVISION DATES
 FILE => 53-SW2056-b-07.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	37.2/42.4	2311	2313

04-16-14 DATE
 LICENSED ARCHITECT
 QUINCY J. WONG
 No. C-18849
 Exp. 5-31-15
 STATE OF CALIFORNIA

6-1-15
 PLANS APPROVAL DATE
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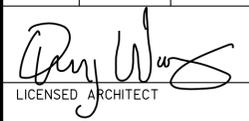


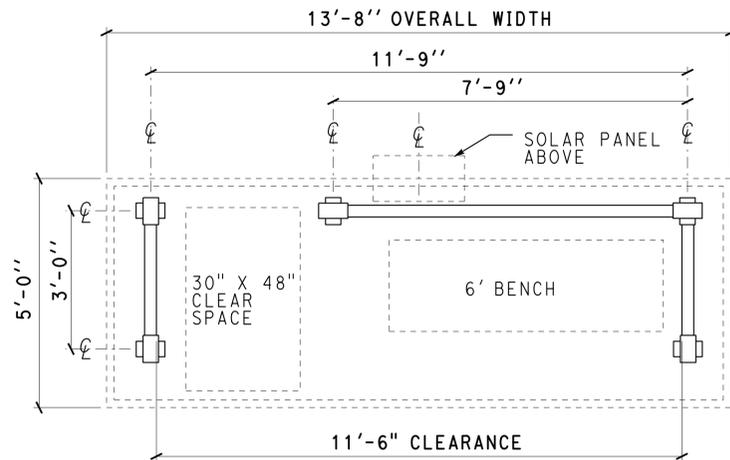
CALIFORNIA STATE FIRE MARSHAL
APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
FRANCIS SOLICH
 Approval date: 04-17-14

GENERAL PLAN
 SCALE 1" = 50'-0"

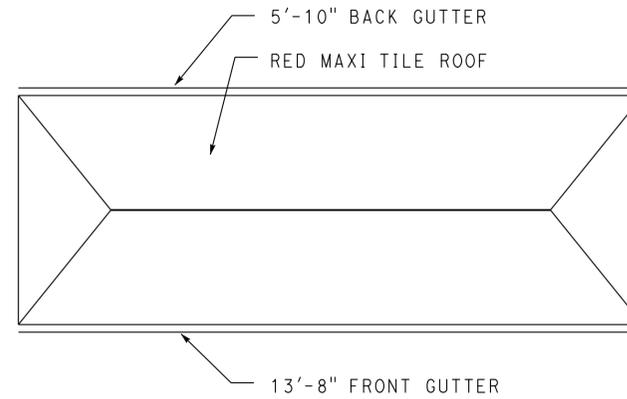
DESIGN SUPERVISOR <i>[Signature]</i> DESIGN ARCHITECT <i>[Signature]</i>	DESIGNER Q. WONG DRAWN BY S. YEH	CHECKED BY Q. WONG STRUCTURAL REVIEW	SHEET LEGEND A-I ARCHITECTURAL M-I MECHANICAL P-I PLUMBING ST-I STRUCTURAL E-I ELECTRICAL SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 53-870 POST MILE 38.8/39.6	BUS SHELTER GENERAL PLAN	SHEET GP
0_gp.dgn DS OSD Imperial Rev. 11/98 18-MAY-2015 16:42			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NO 3598 071300007	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 06-09-10 11-03-10 04-16-14	SHEET OF 1 3		

18-MAY-2015 16:42

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	37.2/42.4	2312	2313
 LICENSED ARCHITECT			04-16-14 DATE	 LICENSED ARCHITECT	
6-1-15 PLANS APPROVAL DATE					
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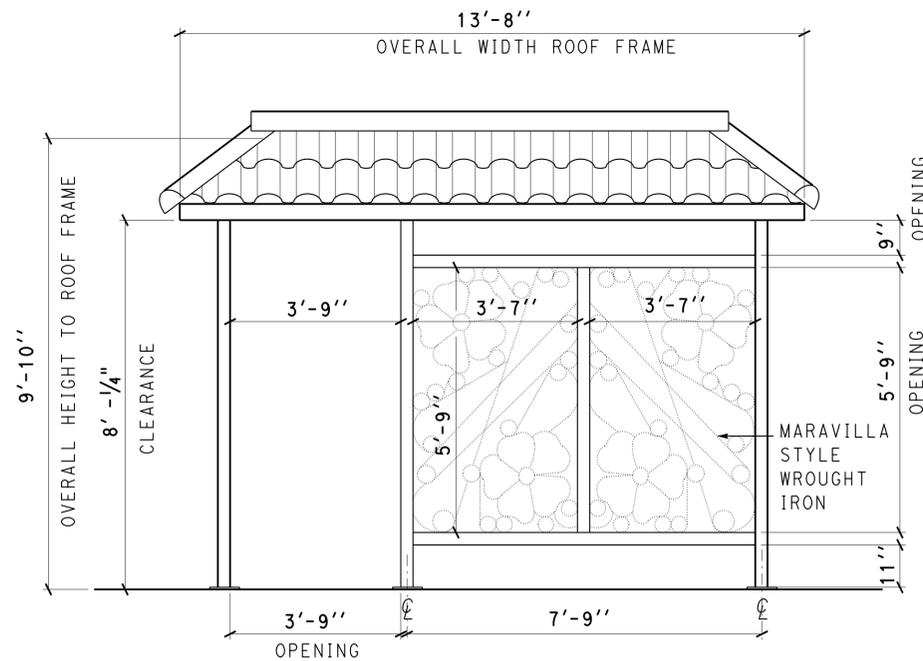


1 FLOOR PLAN
SCALE 1/2" = 1'-0"

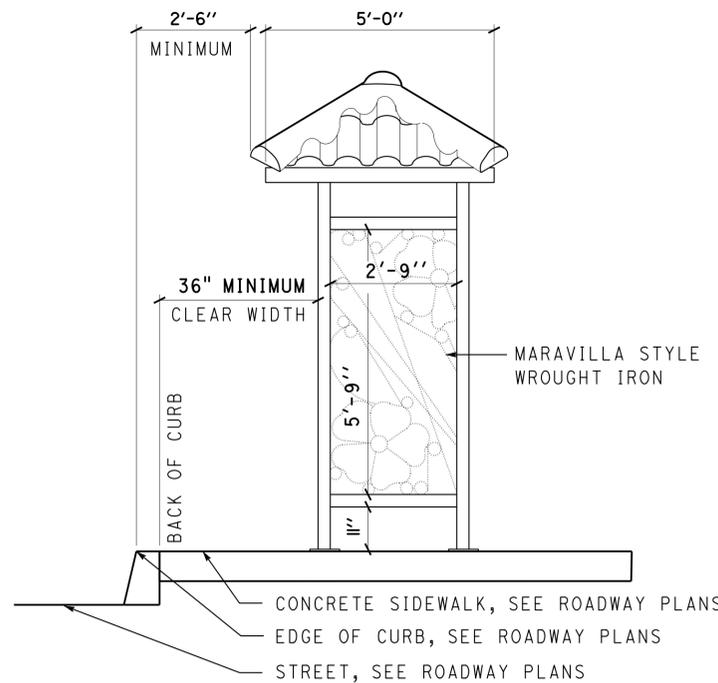


2 ROOF PLAN
SCALE 1/2" = 1'-0"

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: 
 FRANCIS SOLICH
 Approval date: 04-17-14



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



NOTES

1. Bus shelter must comply to Los Angeles County designated model of solar-powered and non-advertising (non public service announcement panels), black frame and red tile roof, back support bench, and trash receptacle.
2. Powder coat all exposed surfaces to prevent galvanic corrosion.
3. All aluminum extruded tube to be 6061T6 or 6063T5 alloy.
4. All steel square tube to be A-500B alloy.
5. Bench and trash receptacle are not shown for clarity, see Special Provisions for acceptable products.
6. Trash receptacle placement to be determined by Engineer and Special Provisions.
7. See Special Provisions for bus shelter anchoring requirements.
8. See EE-1 for solar panel details.

a_1_sht.rpt.in.dgn DS OSD Imperial Rev. 11/98 18-MAY-2015 16:42	DESIGN BY Q. WONG	CHECKED Q. WONG	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 53-870	BUS SHELTER	SHEET 2
	DETAILS BY S. YEH	CHECKED Q. WONG			POST MILE 38.8/39.6		OF 3
	QUANTITIES BY	CHECKED F. IGNACIO	UNIT PROJECT NO. 3598 0713000007	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		
			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		06-09-10 11-03-10 04-16-14		

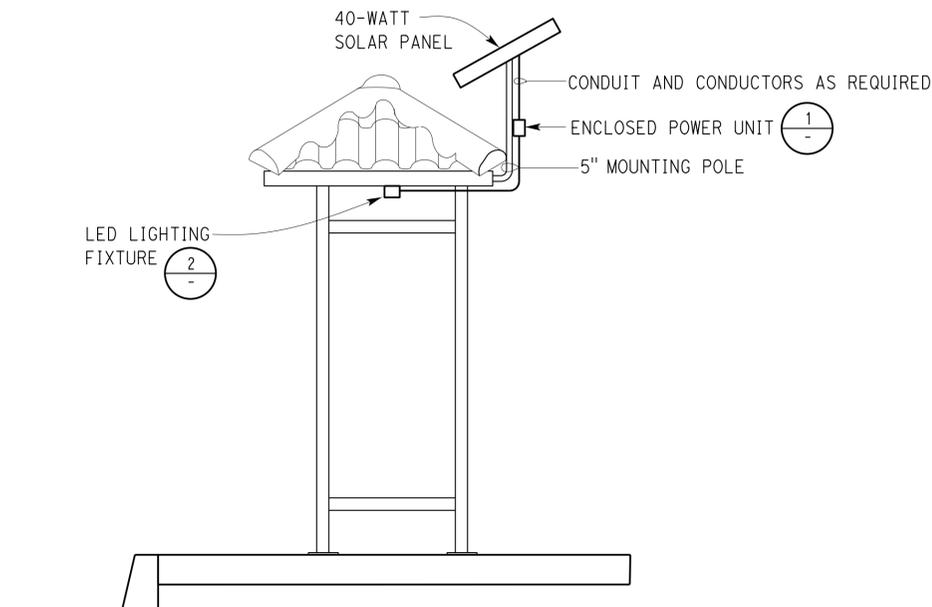
18-MAY-2015 16:42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	10	37.2/42.4	2313	2313

04-28-14
 Jagtar Dhalival REGISTERED ELECTRICAL ENGINEER DATE
 6-1-15
 PLANS APPROVAL DATE
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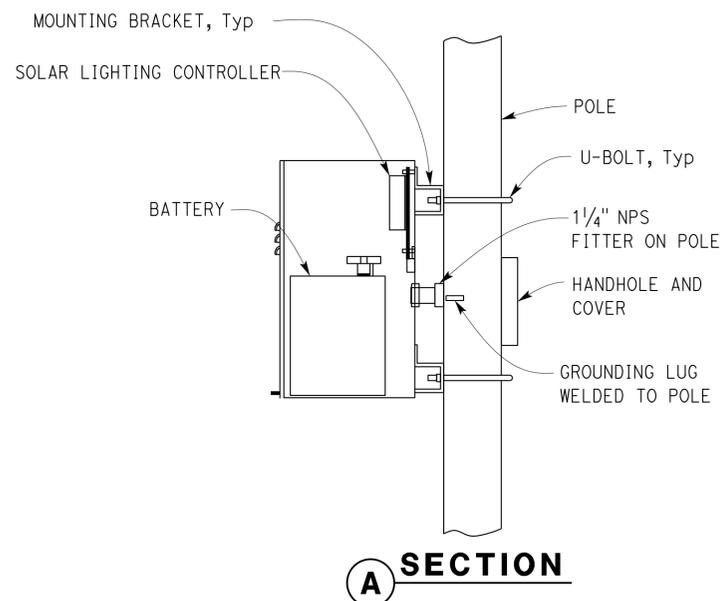
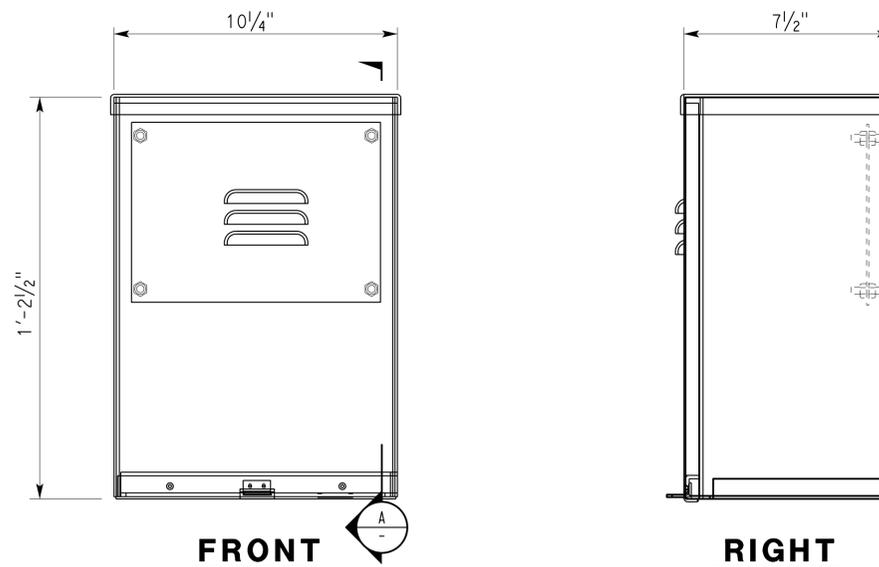
CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
 Approval date: 04-17-14

REGISTERED PROFESSIONAL ENGINEER
 Jagtar Dhalival
 No. E16915
 Exp. 06-30-15
 ELEC
 STATE OF CALIFORNIA



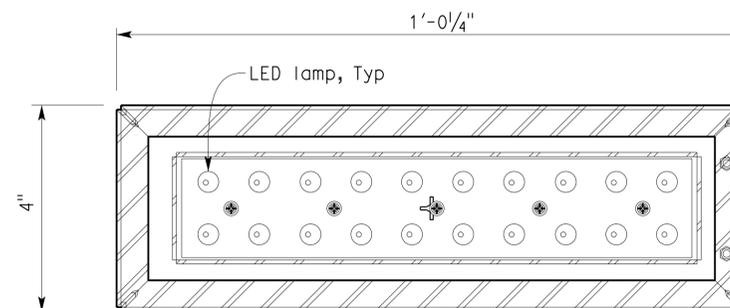
RIGHT SIDE ELEVATION

NO SCALE



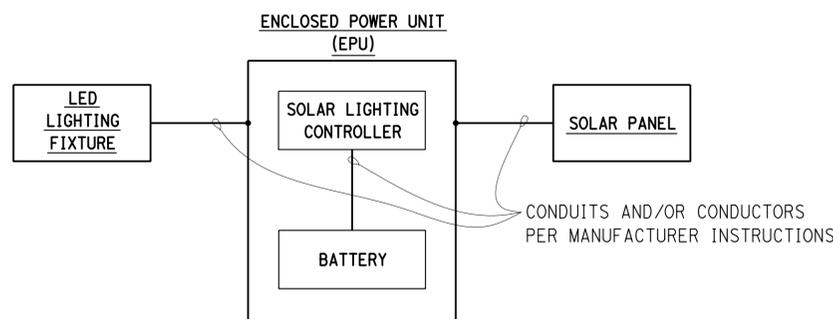
1 ENCLOSED POWER UNIT DETAIL

NO SCALE



2 LIGHTING FIXTURE

NO SCALE



SINGLE LINE DIAGRAM

NO SCALE

GENERAL NOTES:

- A. Size of the mounting pole supporting the solar panel and heavy duty pole-mount solar panel brackets must be per solar panel manufacturer's recommendation. Solar structural support system must be designed to withstand wind forces of 85 miles per hour. Submit shop drawing showing details of attachment of the pole to the shelter structure.
- B. Exact location of mounting pole to be determined by Engineer on site.
- C. For exact location of the bus shelter, see Roadway Plans
- D. Locate Enclosed Power Unit per manufacturer's recommendation.
- E. Typical lighting fixture is shown for reference, provide and install type and number of lighting fixtures as required to have minimum average of 0.9 footcandle light at the finished floor of bus shelter.

ABBREVIATION

LED LIGHT EMITTING DIODE

Paul Schreff
 DESIGN SUPERVISOR
Mark Cheap
 DESIGN ENGINEER

DESIGN	BY Tech Ngov	CHECKED Mark Cheap
DETAILS	BY Kathi Andreasen	CHECKED Tech Ngov
QUANTITIES	BY Tech Ngov	CHECKED Mark Cheap

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

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

BRIDGE NO.	53-870
POST MILE	38.8/39.6

BUS SHELTER DETAILS

SHEET **EE-1**