### GENERAL NOTES

**LOAD AND RESISTANCE FACTOR DESIGN**

**DESIGN:**

**DESIGN WIND LOAD:**
AULJ path

**DESIGN IMPACT LOAD:**
TL-4

**REINFORCED CONCRETE:**
\( f' = 60 \text{ ksi} \)
\( f_{cd} = 2500 \text{ psi} \) for high-strength block

*Provide materials to achieve the net compressive strength of concrete masonry unit equal to or greater than specified \( f' \).*

**STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS:**
shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

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**TABLE:**

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<th>COUNTY</th>
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<th>TOTAL PROJECT POST MILES</th>
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<th>SHEET</th>
<th>SHEETS</th>
<th>TOTAL</th>
</tr>
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<tbody>
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**REGISTERED CIVIL ENGINEER:**
X

**PLANS APPROVAL DATE:**
MM/DD/YYYY

**DATE:**
X

**REVISION DATES:**

**PART ELEVATION**

**SECTION A-A**

**SECTION B-B**

**NOTES:**

1. Slope ground at traffic side of barrier to drain. Maximum slope ±10%.


3. For type of block and joint finish, see other sheets.

4. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2x4 gauge wire continuous of 4-0 maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.

5. Horizontal joints shall be tooled concave or may be raked.

6. Minimum wall height shall be \( H = \frac{1}{2} \text{"} \). Maximum wall height shall be \( H = \frac{1}{2} \text{"} \).

7. All concrete masonry block are high-strength blocks.

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**TYPICAL SECTION**

**EXPANSION JOINTS AT 96'-0" MAX CENTERS:**
See other sheets for locations.

**JS Cont at each of the lower 6 bond beams, 4'-0" wide, x 2" deep opening, Typ.**

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**BOND BEAMS, 4" Wide, x 2" Deep Opening, Typ.**

**REINFORCEMENT EXTENSION AT STEP:**

**REINFORCEMENT AT TOP AND AT 4'-0" MAXIMUM CENTERS BELOW**

**BOND BEAM AT TOP**

**BOND BEAM AT 4'-0" MAXIMUM CENTERS BELOW**

**MORAR CAP**

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**REFERENCES:**

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/

**APPROVED DATES:**

**DATE PLOTTED:**
14-APR-2020

**TIME PLOTTED:**
14:41

**USERNAME:**
s136236

**FILE:**
xs15-140-1.dgn