Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER — DATE X

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — X — No. X — Exp. X — CIVIL — STATE OF CALIFORNIA

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

THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

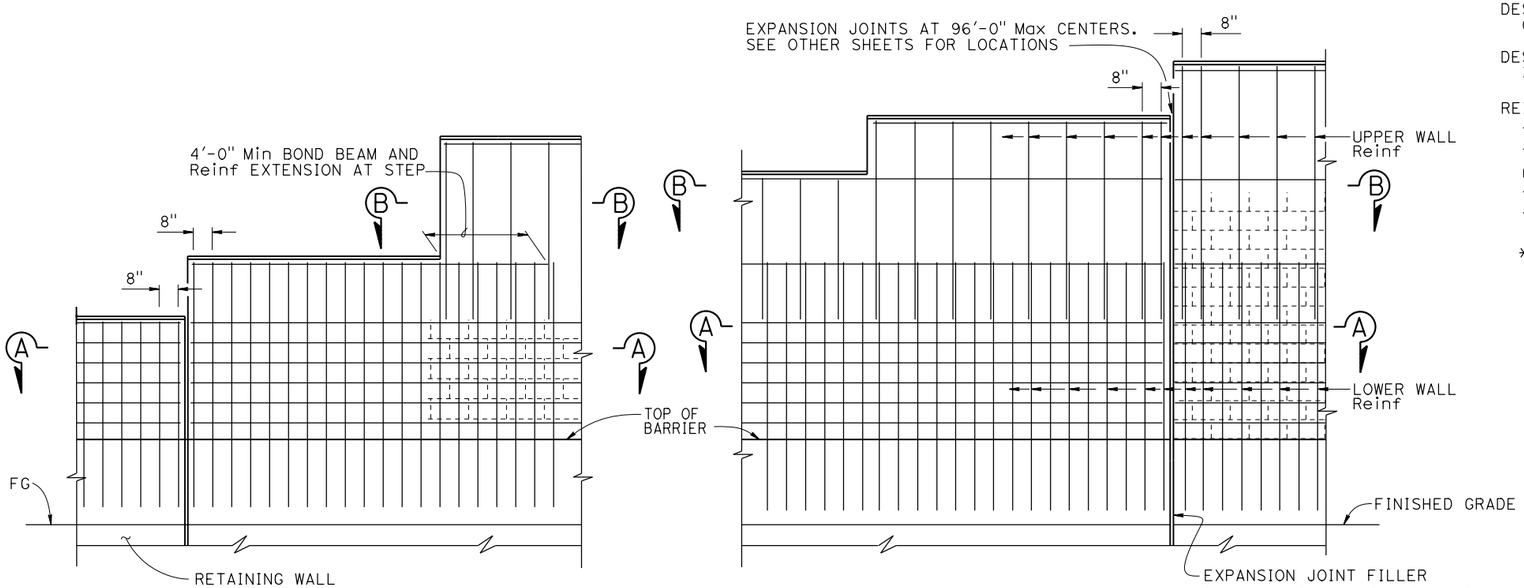
DESIGN:
AASHTO LRFD Bridge Design Specifications,
8th edition 2017 with California Amendments,
Preface dated April 2019.
TMS 402-16.
2019 California Building Code.

DESIGN SEISMIC LOAD:
0.57 Dead load

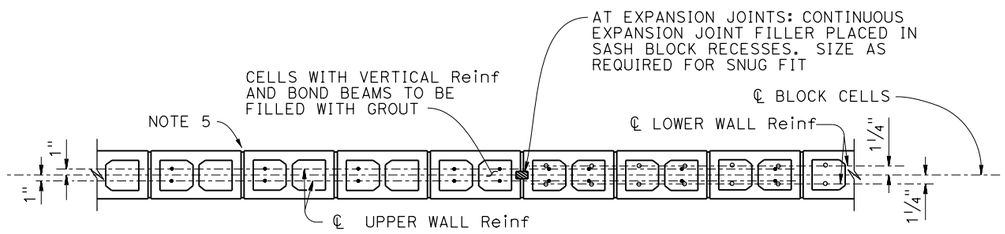
DESIGN WIND LOAD:
36.5 psf

REINFORCED CONCRETE:
f'_y = 60 ksi
f'_c = 3.6 ksi
n = 8
f'_m = 2000 psi *
f'_m = 2500 psi for high-strength block *

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



PART ELEVATION



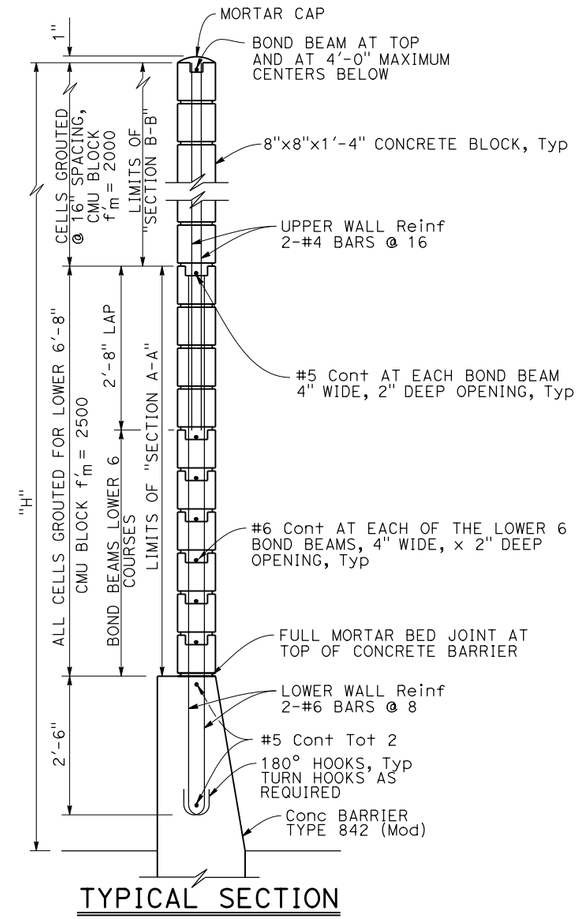
SECTION B-B

SECTION A-A

Note: See Project Plans for location of expansion joints.

NOTES:

1. Slope ground at traffic side of barrier to drain. Maximum slope ±10%.
2. See Standard Plan B15-9, "SOUND WALL MASONRY BLOCK MISCELLANEOUS DETAILS", for other details.
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 2-9 gauge wire continuous at 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 weathered. Vertical joints shall be tooled concave or raked.
6. Minimum wall height shall be H=9'-6". Maximum wall height shall be H=16'-2".



TYPICAL SECTION

NO SCALE

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No. XX-XXXX	X
xs15-130-1 (FILE NO.)	January 2024 (APPROVAL DATE)	*The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California*			POST MILE X.X	SOUND WALL MASONRY BLOCK WITH BARRIER ON RETAINING WALL DETAILS No. 1

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

DATE PLOTTED => 27-DEC-2023 TIME PLOTTED => 10:26
FILE => 20231227_xs15-130-1.dgn USERNAME => s155182
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: XXXX
PROJECT NUMBER & PHASE: XXXXXXXXXX1

COUNTY/ROUTE: XXX/XXX
CONTRACT No.: XX-XXXX4

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				X	X