

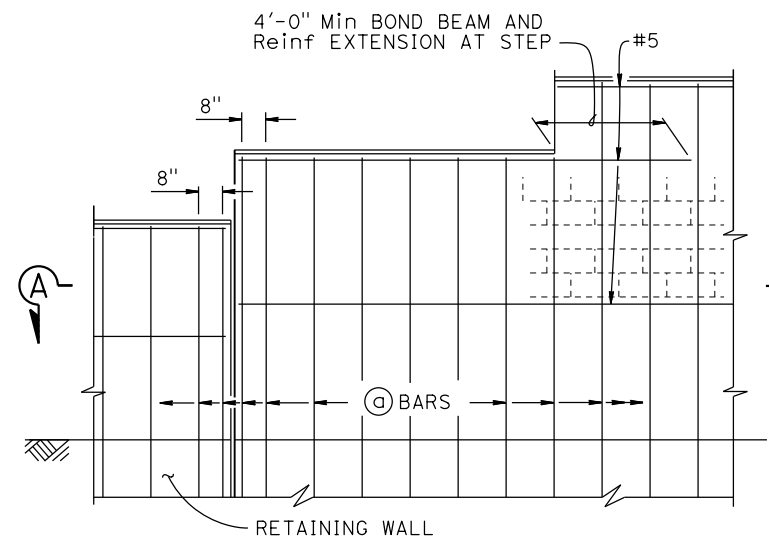
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
DDDD	CCCC	RRRR	PPPP	????	####

REGISTERED CIVIL ENGINEER X DATE _____
 MM/DD/YYYY
 PLANS APPROVAL DATE _____

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

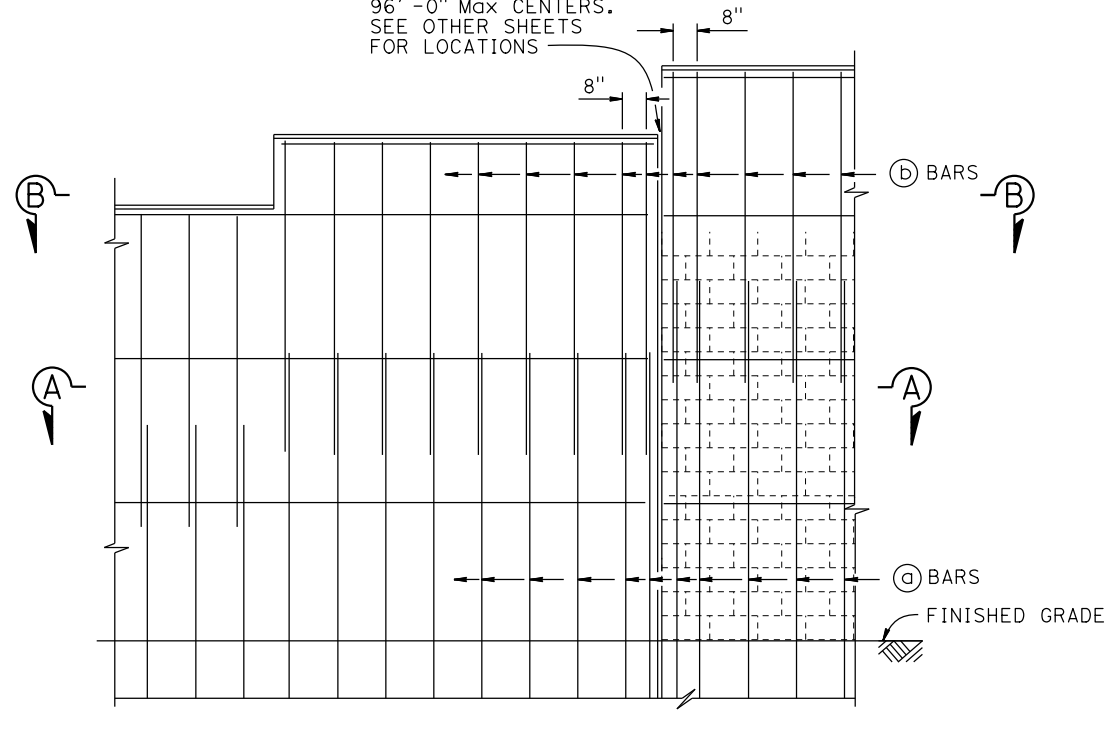
THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.

EXPANSION JOINTS AT 96'-0" Max CENTERS. SEE OTHER SHEETS FOR LOCATIONS



H=6'-0" THRU H=10'-0"

PART ELEVATION
NO SCALE



H=12'-0" THRU H=16'-0"

MAXIMUM H	a BARS @ 1'-4" Max	b BARS @ 1'-4" Max	"γ"	f' _m (psi)
6'-0"	#4	---	---	2000
8'-0"	#4	---	---	2000
10'-0"	#4	---	---	2000
12'-0"	#5	#4	6'-0"	2000
14'-0"	#6	#4	8'-0"	2500
16'-0"	#6	#4	10'-0"	2500

**GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN**

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

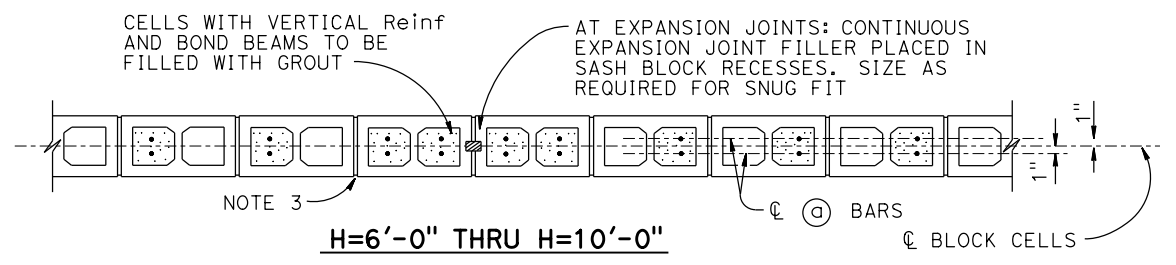
DESIGN SEISMIC LOAD: 0.57 Dead load

DESIGN WIND LOAD: 36.5 psf

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

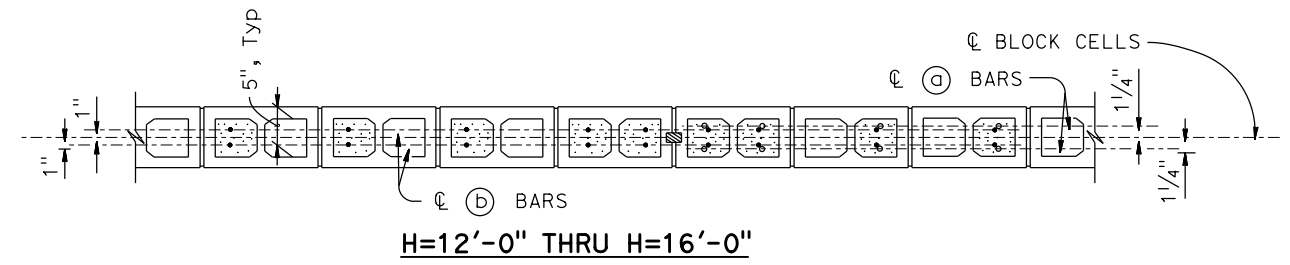
* Provide materials to achieve the net compressive strength of concrete masonry unit equal to or greater than specified f'_m.

- NOTES:
- For type of block and joint finish, see other sheets.
 - When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. Galvanized joint reinforcement must be a minimum of two continuous W9 wires at 4'-0" maximum spacing. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
 - Horizontal joints shall be tooled concave or may be weathered. Vertical joints shall be tooled concave or may be raked.
 - For intermediate wall heights that are between the "H's" given, use the tabular information for the next higher "H".



SECTION A-A
NO SCALE

NOTE: For details not shown, see other sections



SECTION B-B
NO SCALE

SECTION A-A
NO SCALE

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION				BRIDGE No. X POST MILE X		SOUND WALL MASONRY BLOCK ON RETAINING WALL			
xs15-120-1 FILE NO.	April 2020 APPROVAL DATE	<i>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</i>					DIVISION OF ENGINEERING SERVICES		DETAILS No.1			
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/Index.html			DATE PLOTTED => 14-APR-2020 FILE => xs15-120-1.dgn				TIME PLOTTED => 14:40 USERNAME => s136236		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			
UNIT: X PROJECT NUMBER & PHASE: X						CONTRACT No.: X		DISREGARD PRINTS BEARING EARLIER REVISION DATES				
								REVISION DATES 09/24/19 4-14-20 03/20/20		SHEET 1 OF 2		