

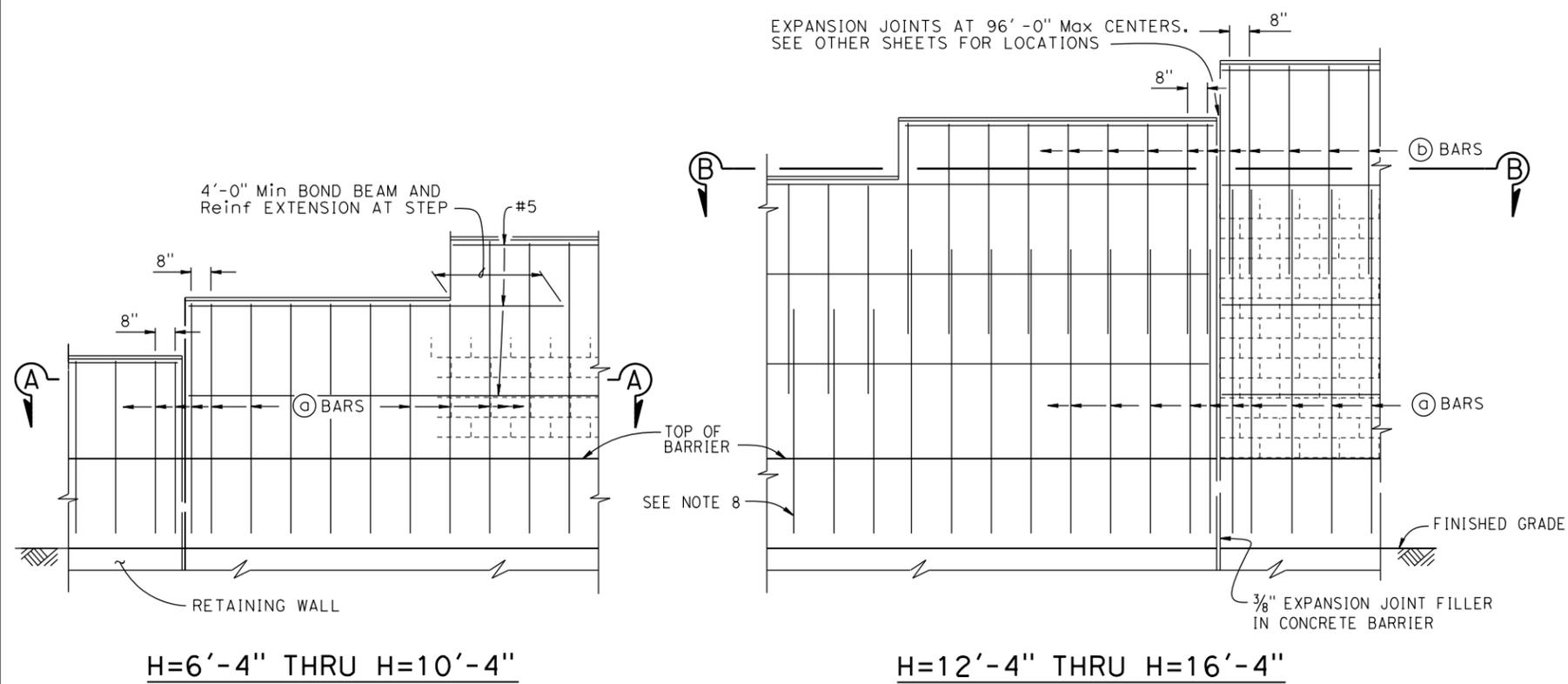
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER X DATE

PLANS APPROVAL DATE

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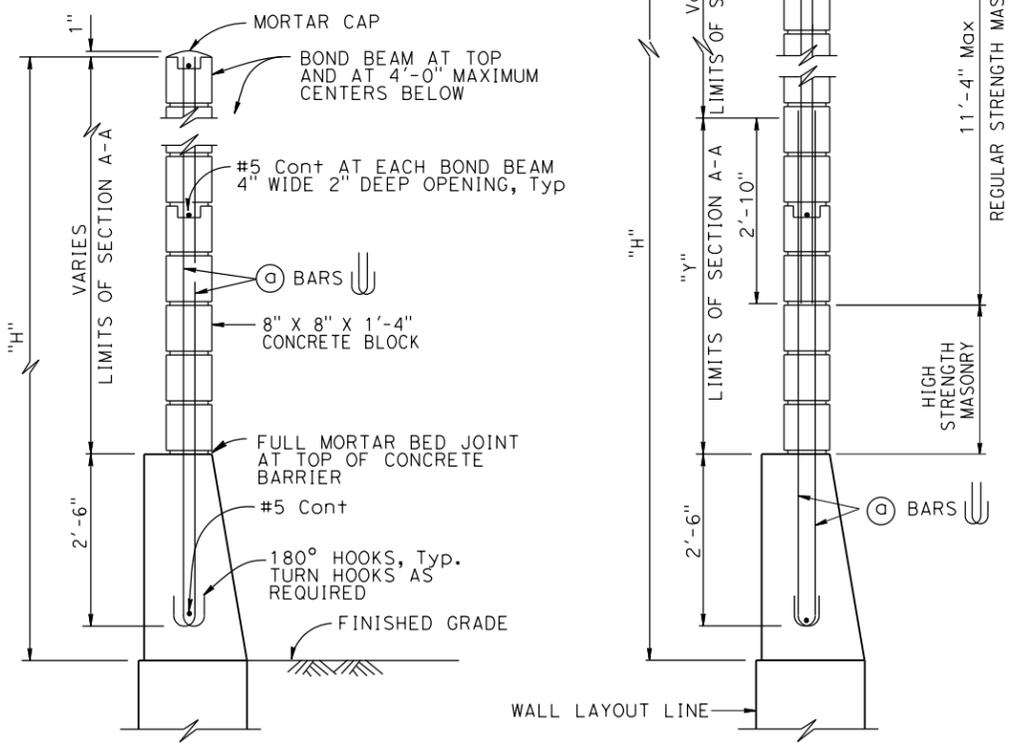
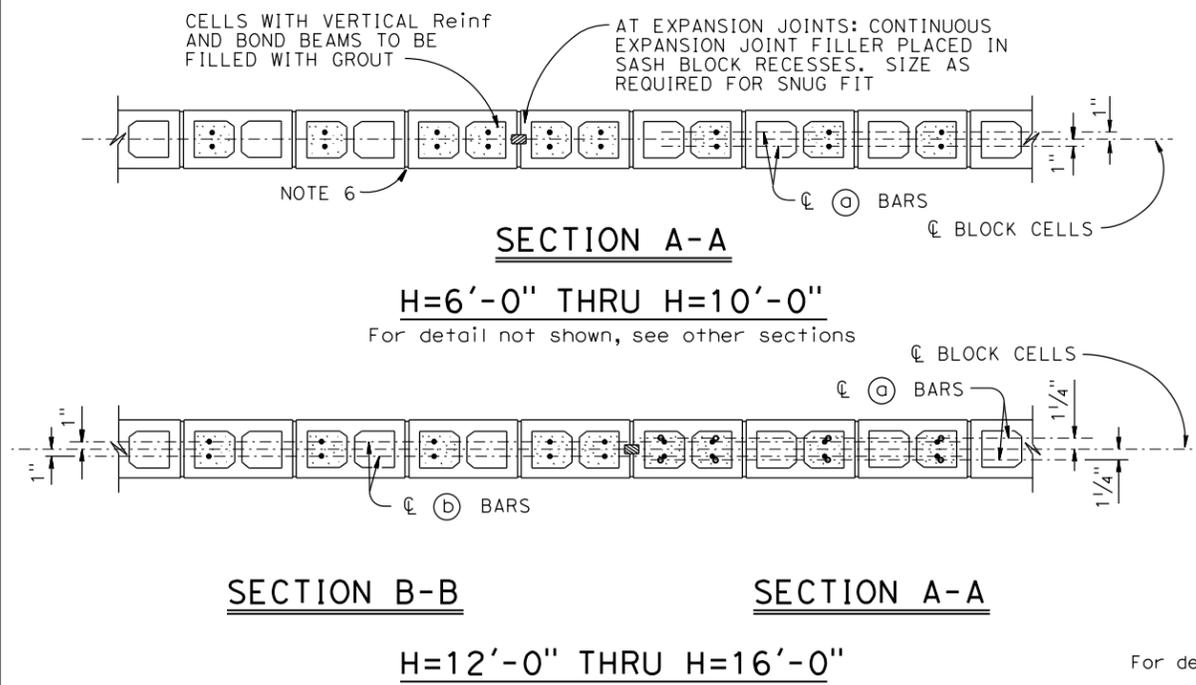
REGISTERED PROFESSIONAL ENGINEER
No. X
Exp. X
CIVIL
STATE OF CALIFORNIA



SOUND WALL REINFORCEMENT TABLE

MAXIMUM "H"	(A) BARS @ 1'-4" Max	(B) BARS @ 1'-4" Max	"Y"	f'm (psi)	COMPRESSIVE STRENGTH OF CMU (psi)	MAXIMUM "H"
6'-4"	#4			1500	2000	6'-4"
8'-4"	#4			1500	2000	8'-4"
10'-4"	#4			1500	2000	10'-4"
12'-4"	#5	#4	5'-0"	1500	2000	12'-4"
14'-4"	#6	#4	7'-0"	1500	2000	14'-4"
16'-4"	#6	#4	9'-0"	2500	3700	16'-4"

PART ELEVATION



TYPICAL SECTION

- NOTES:
- For details not shown, see "MASONRY BLOCK SOUND WALL WITH BARRIER ON RETAINING WALL - DETAILS No. 2" sheet.
 - Slope ground at traffic side of barrier to drain. Maximum slope ±10%.
 - See STANDARD PLANS B15-9 for other details.
 - 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. 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.
 - 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".
 - Barrier and Retaining Wall Reinforcement not all shown see Std. Plans B15-6 for reinforcement.

NO SCALE

STANDARD DRAWING

FILE NO. **xs15-130-1**

APPROVAL DATE July 2014

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. X

POST MILE X

MASONRY BLOCK SOUND WALL WITH BARRIER ON RETAINING WALL

DETAILS No. 1