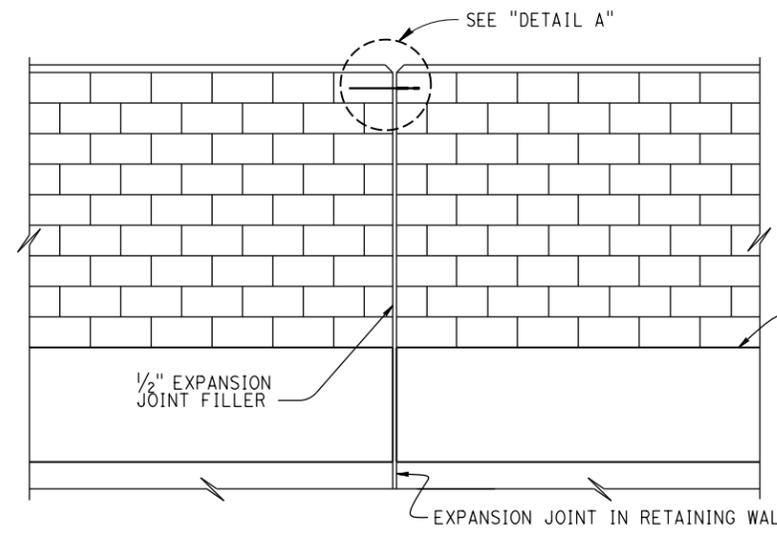


**PLAN**



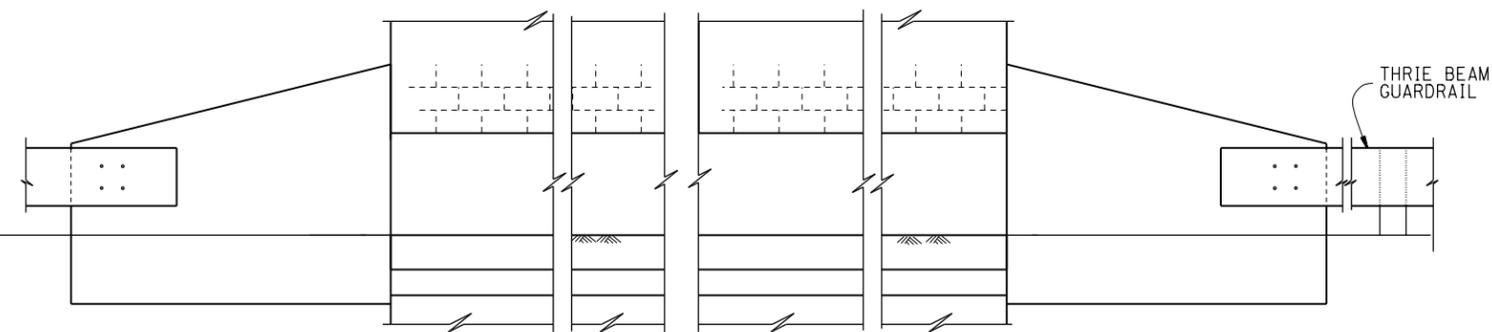
**ALIGNMENT KEY DETAIL**

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

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.*

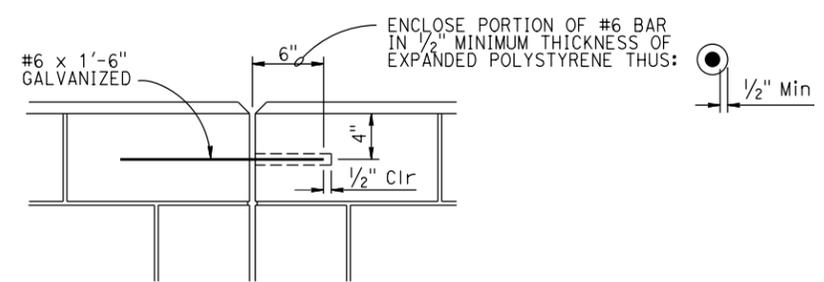
*The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.*



**ELEVATION**

**METAL BEAM GUARDRAIL ANCHORAGE**

For details not shown, see STANDARD PLAN B11-56



**DETAIL A**

**DESIGN NOTES**

**DESIGN**  
Uniform Building Code, 1997 Edition and the Bridge Design Specifications

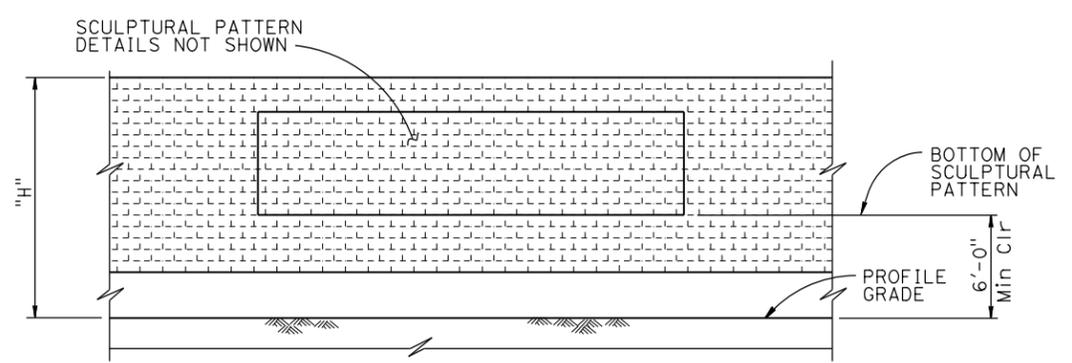
**DESIGN WIND LOAD**  
33 psf

**DESIGN SEISMIC LOAD**  
0.57 Dead load

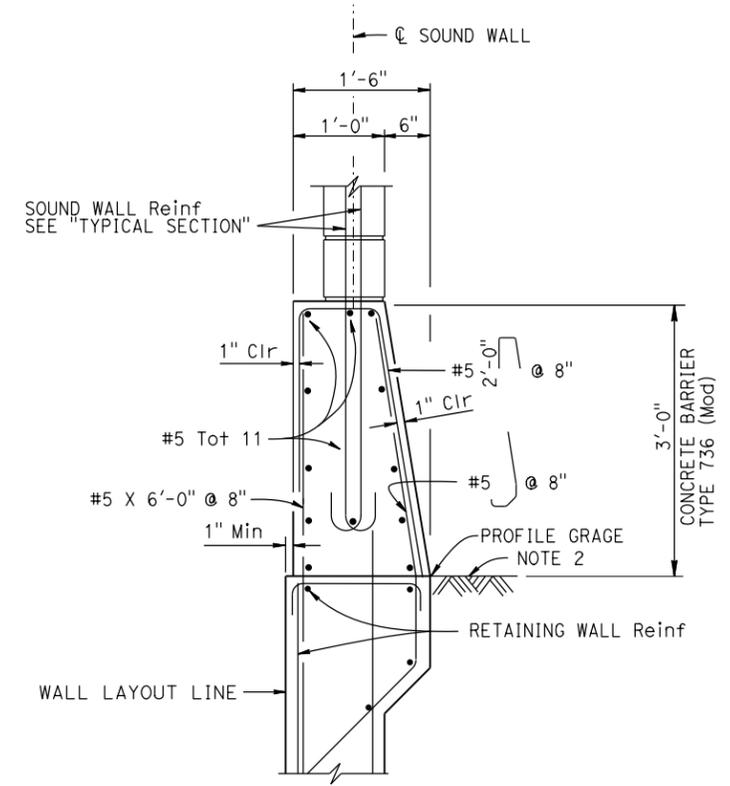
REINFORCED CONCRETE	REGULAR STRENGTH	HIGH STRENGTH
f'c = 3600 psi	f'm = 2000 psi	f'm = 2500 psi
fy = 60 ksi	fb = 660 psi	fb = 830 psi
	fs = 24,000 psi	fs = 24,000 psi
	n = 19.3	n = 15.5

- NOTES:**
- For details not shown, see STANDARD PLAN B15-6
  - Slope ground at traffic side of barrier to drain. Maximum slope ±10%. See STANDARD PLAN B11-56, Note 3.
  - For Concrete Anchor Block and connection details, see "ANCHOR BLOCK FOR TRANSITION RAILING CONNECTION DETAIL C" on STANDARD PLAN A77J3.

NO SCALE



**CLEARANCE DETAIL**



**BARRIER SECTION**