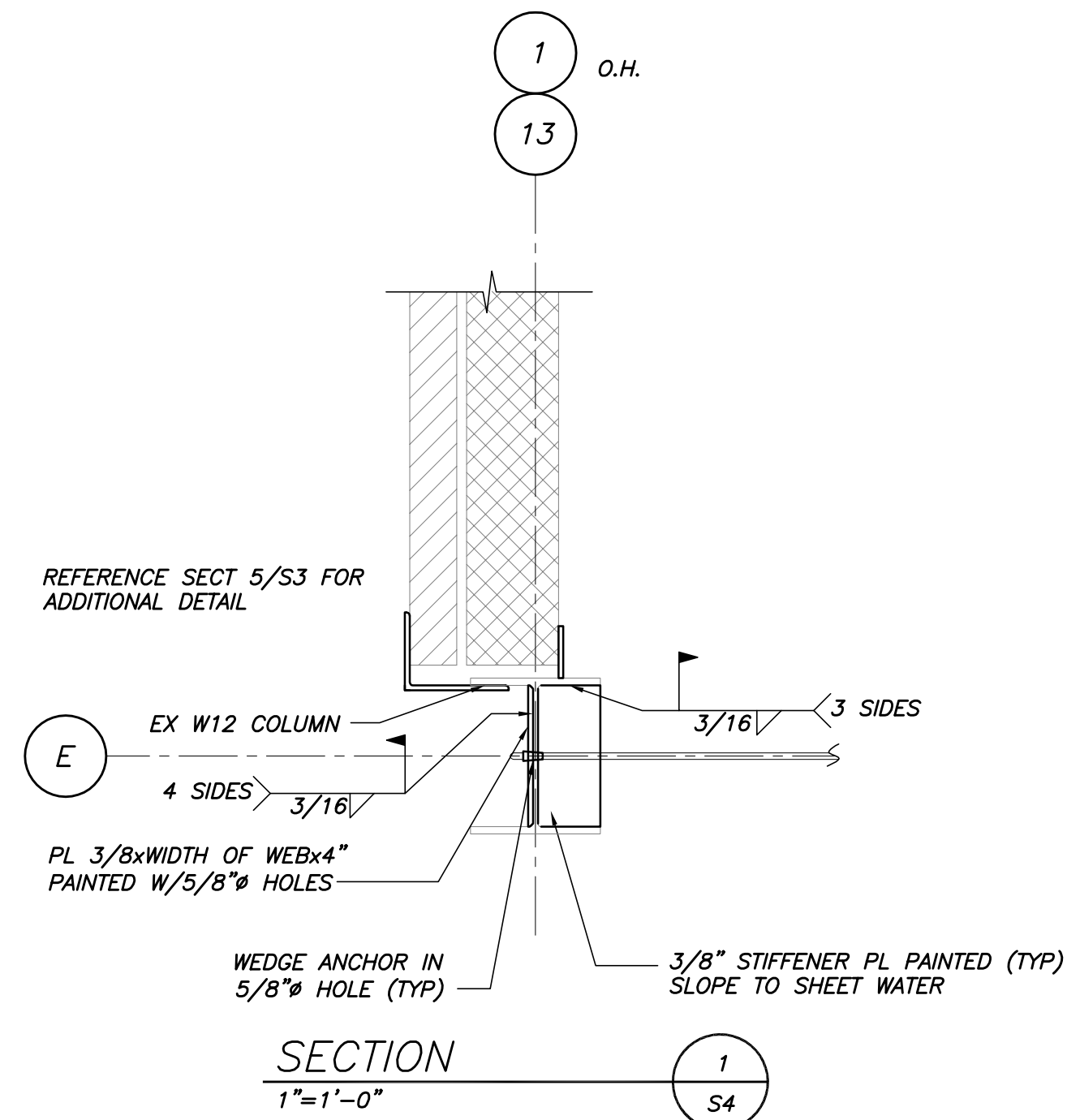


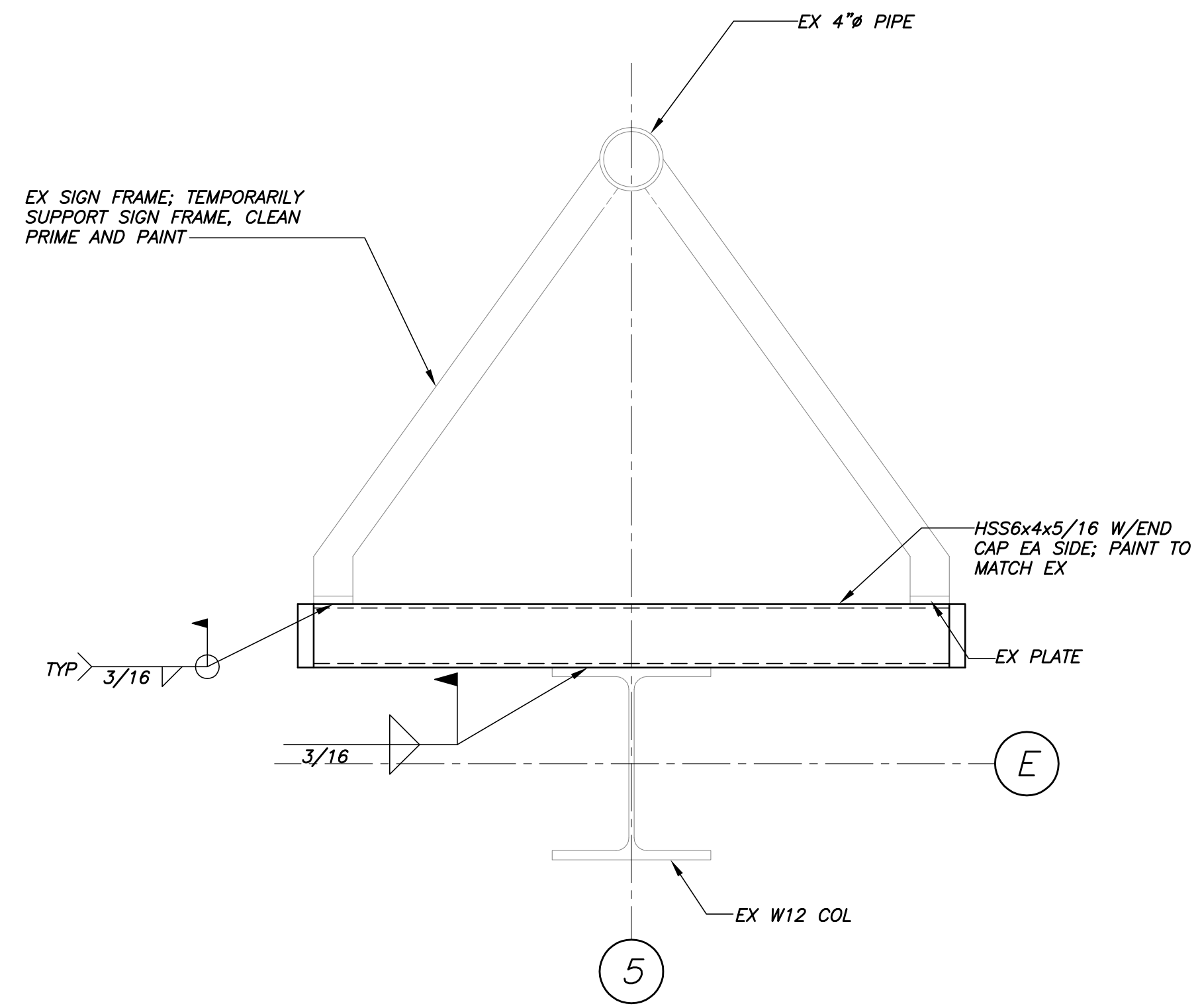
CABLES AND FENCING NOT SHOWN FOR CLARITY

BARRIER CABLE DETAILS
1"=1'-0"

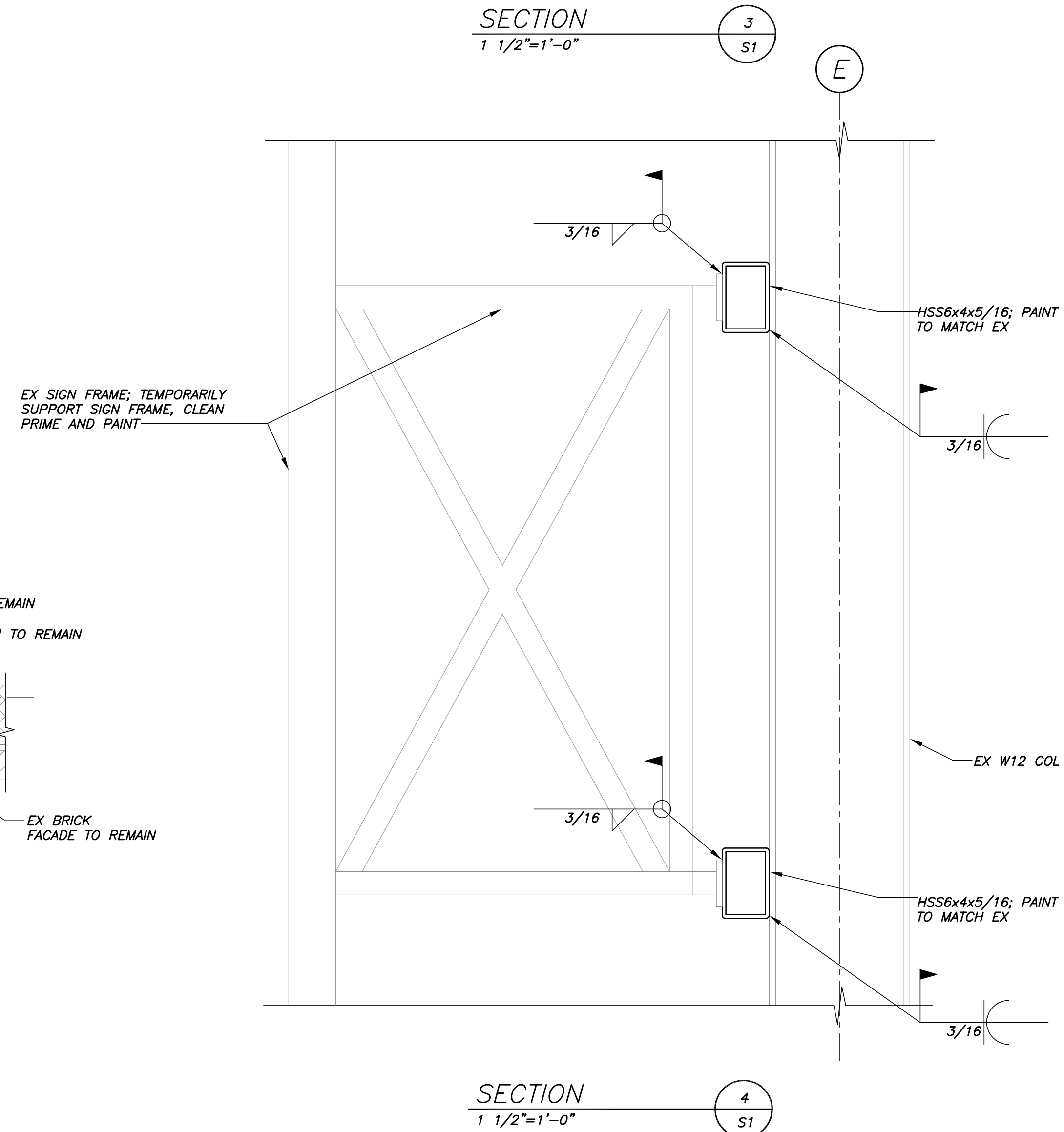


GUARDRAIL CABLE NOTES

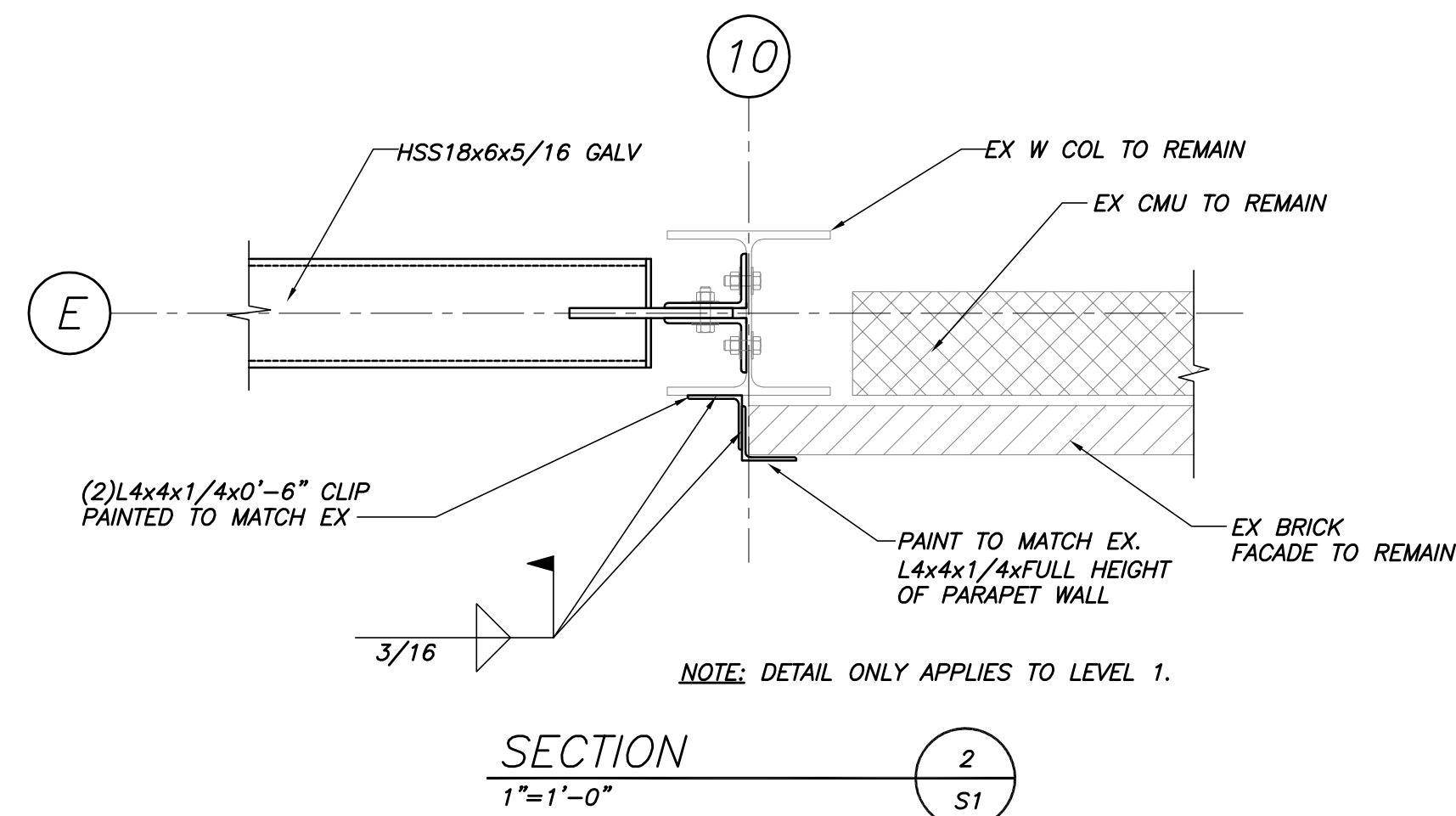
1. ALL WORK SHALL CONFORM TO THE POST TENSIONING INSTITUTES (PTI) GUIDE SPECIFICATION "SPECIFICATION FOR SEVEN-WIRE PRESTRESSING STEEL STRAND FOR BARRIER CABLE APPLICATIONS."
2. ALL STRAND SHALL BE 1/2"Ø GRADE 250 (MINIMUM) AND GALVANIZED PER ASTM A 475 CLASS A.
3. ALL WEDGE TYPE ANCHORS SHALL BE CAPABLE OF DEVELOPING 95% OF THE MINIMUM ULTIMATE BREAKING STRENGTH OF THE BARRIER CABLE.
4. BARRIER CABLE INSTALLATION SHALL BE PERFORMED BY PTI CERTIFIED INSTALLERS.
5. INSTALLATION:
 - A. THE SYSTEM SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT AND BE CONSTRUCTED SUCH THAT A 4"Ø SPHERE SHALL NOT PASS THROUGH ANY OPENING.
 - B. PROPERLY CALIBRATED STRESSING EQUIPMENT SHALL BE SUPPLIED FOR THE PARTICULAR APPLICATION AND BARRIER CABLE SYSTEM THAT IS NECESSARY TO PERFORM THE WORK.
 - C. AT INTERMEDIATE COLUMNS, PROVIDE A HOLE WHICH IS A MINIMUM OF 1/8"Ø LARGER THAN THE BARRIER STRAND DIAMETER USED (INCLUDING COATING).
 - D. ALL ANCHORAGES SHALL BE BACKSTRESSED. THE CABLE SHALL BE STRESSED TO 80% OF MINIMUM ULTIMATE TENSILE STRENGTH (MUTS). ANY DAMAGE TO CABLE COATINGS DUE TO THIS PROCESS SHALL BE REPAIRED WITH 2 COATS OF ZRC COLD GALVANIZING.
 - E. BARRIER CABLE TAILS SHALL BE REMOVED TO WITHIN 1" OF END OF ANCHORS USING A METAL CUT-OFF SAW OR A HYDRAULIC SHEAR. ALL ENDS SHALL BE COATED WITH 2 COATS OF ZRC COLD GALVANIZING.
 - F. JACK CABLES AS REQUIRED TO BACKSTRESS AND SEAT ANCHORS.
 - G. PRETENSION CABLES TO A MINIMUM OF 3,000 LBS.



SECTION
1 1/2"=1'-0"



SECTION
1 1/2"=1'-0"



SECTION
1"=1'-0"

NOTE: DETAIL ONLY APPLIES TO LEVEL 1.

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Approved	
Issued For	FOR BID FOR PERMIT
Date	5/27/15
Rev. No	6/30/15

GATEWAY PARKING GARAGE
PORTLAND, MAINE
FACADE REPAIRS PHASE 1
SECTIONS

Designed	JMM	Scale	AS NOTED
Drawn	ATS	Date	5/27/15
Checked	TMN	Becker Job Number	3521