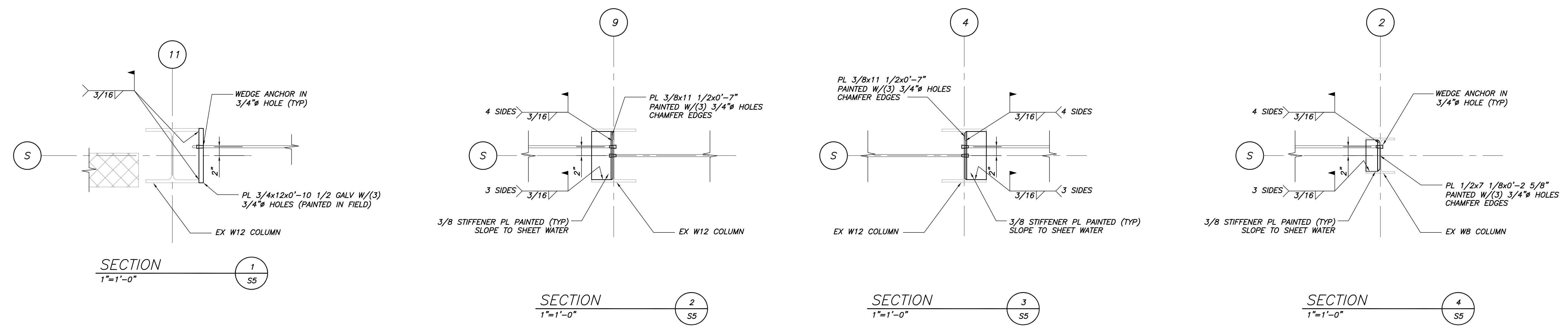


**BARRIER CABLE DETAILS**  
1/2"=1'-0"

- NOTES:**
- ALL WORK SHALL CONFORM TO THE POST TENSIONING INSTITUTES (PTI) GUIDE SPECIFICATION "SPECIFICATION FOR SEVEN-WIRE PRESTRESSING STEEL STRAND FOR BARRIER CABLE APPLICATIONS."
  - ALL STRAND SHALL BE 1/2"Ø GRADE 250 (MINIMUM) AND GALVANIZED PER ASTM A 475 CLASS A.
  - ALL WEDGE TYPE ANCHORS SHALL BE CAPABLE OF DEVELOPING 95% OF THE MINIMUM ULTIMATE BREAKING STRENGTH OF THE BARRIER CABLE.
  - INSTALLATION:
    - 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.
    - PROPERLY CALIBRATED STRESSING EQUIPMENT SHALL BE SUPPLIED FOR THE PARTICULAR APPLICATION AND BARRIER CABLE SYSTEM THAT IS NECESSARY TO PERFORM THE WORK.
    - AT INTERMEDIATE COLUMNS, PROVIDE A HOLE WHICH IS A MINIMUM OF 1/8"Ø LARGER THAN THE BARRIER STRAND DIAMETER USED (INCLUDING COATING).
    - 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.
    - BARRIER CABLE TAILS SHALL BE REMOVED TO WITHIN 1" OF END OF ANCHORS USING AND OXYACETYLENE TORCH, A METAL CUT-OFF SAW, A HYDRAULIC SHEAR OR PLASMA CUTTING DEVICE. ALL ENDS SHALL BE COATED WITH 2 COATS OF ZRC COLD GALVANIZING.



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Issued For	PERMIT SET
Date	2/13/13
Rev. No.	

FORE STREET PARKING FACILITY  
PORTLAND, ME  
FACADE REPAIRS PHASE 2  
BARRIER CABLE DETAILS

Designed	TMN	Scale	NOTED
Drawn	BRG	Date	2/7/13
Checked	TMN	Becker Job Number	2961

NOT FOR CONSTRUCTION

S5

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