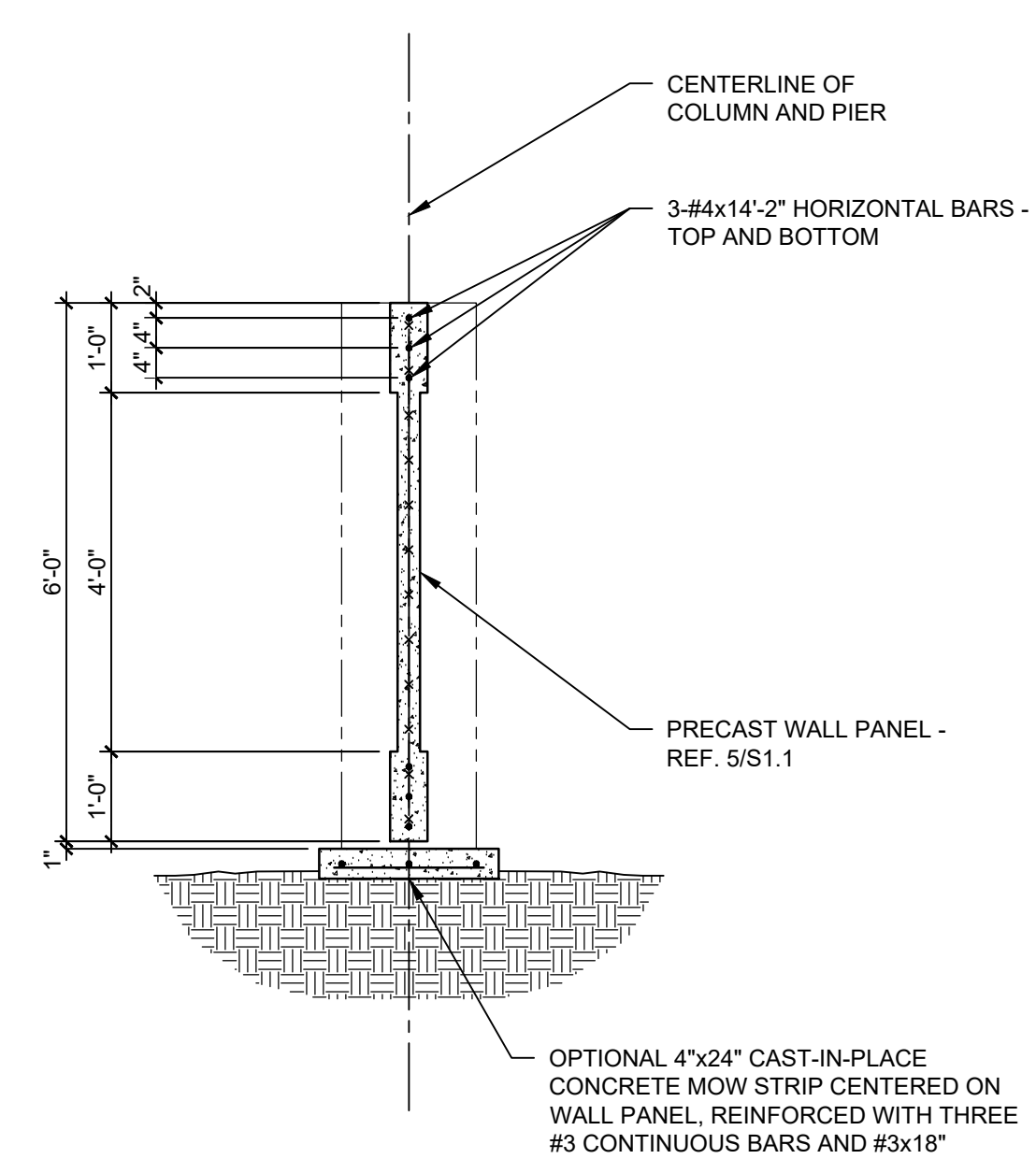
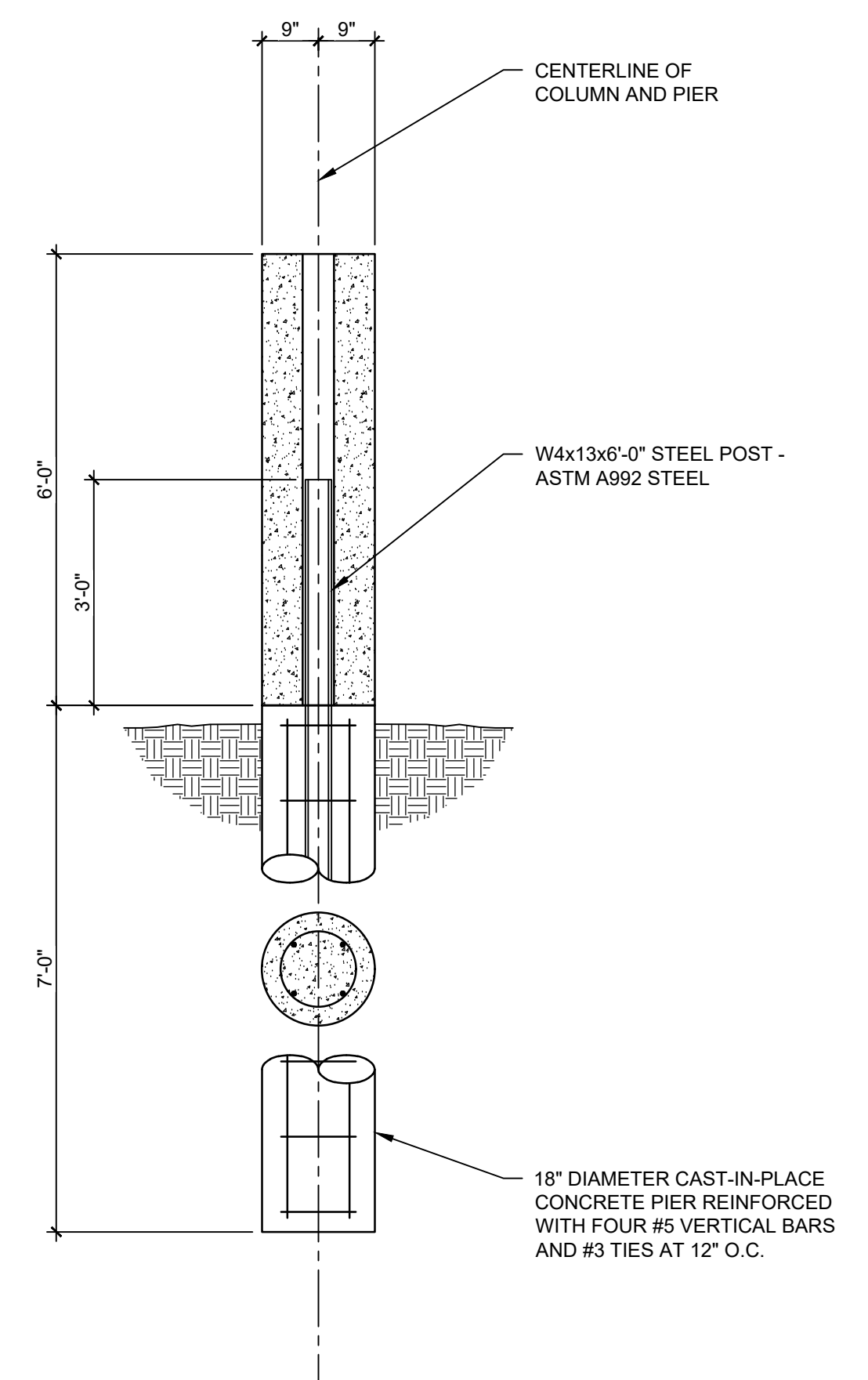


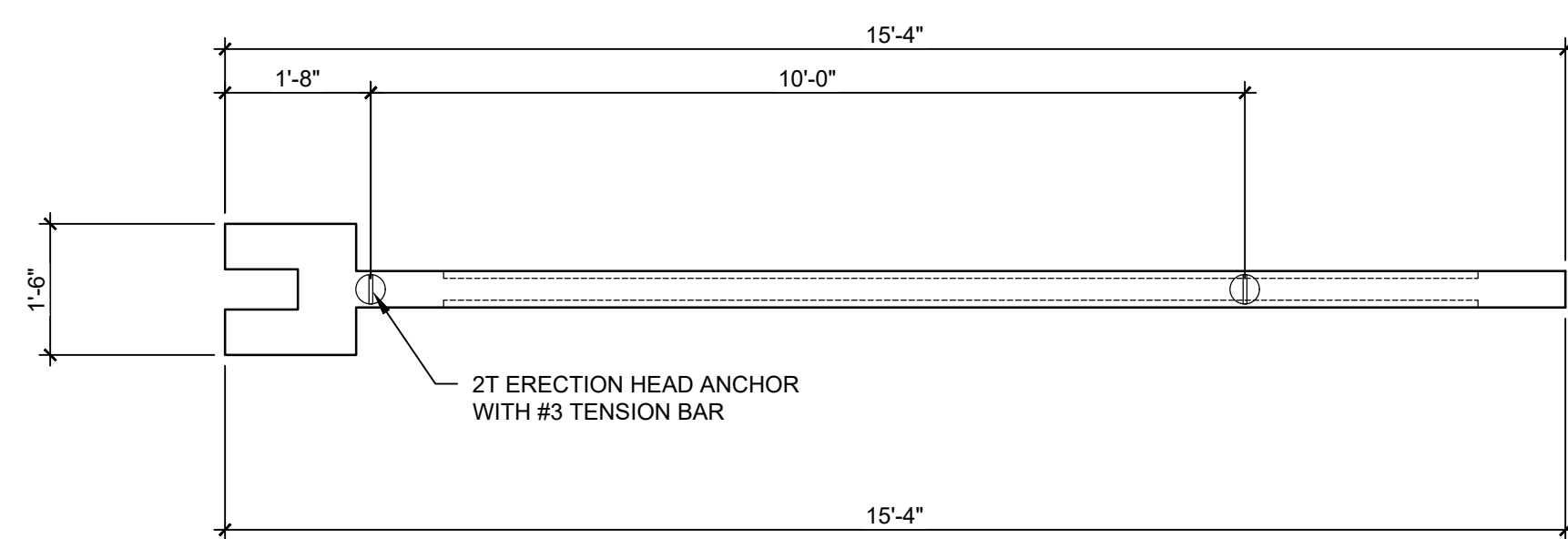
**01 TYPICAL 6'-0" ASHLAR SCREEN WALL ELEVATION**  
SCALE: 1/2"=1'-0"



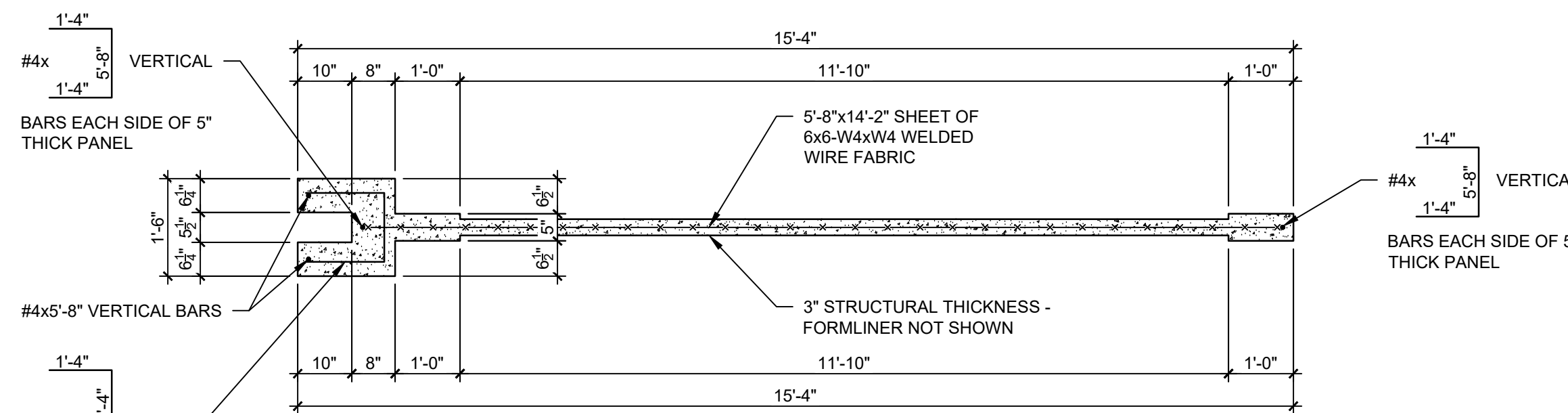
**02 OPTIONAL MOW-STRIP SECTION**  
SCALE: 1/2"=1'-0"



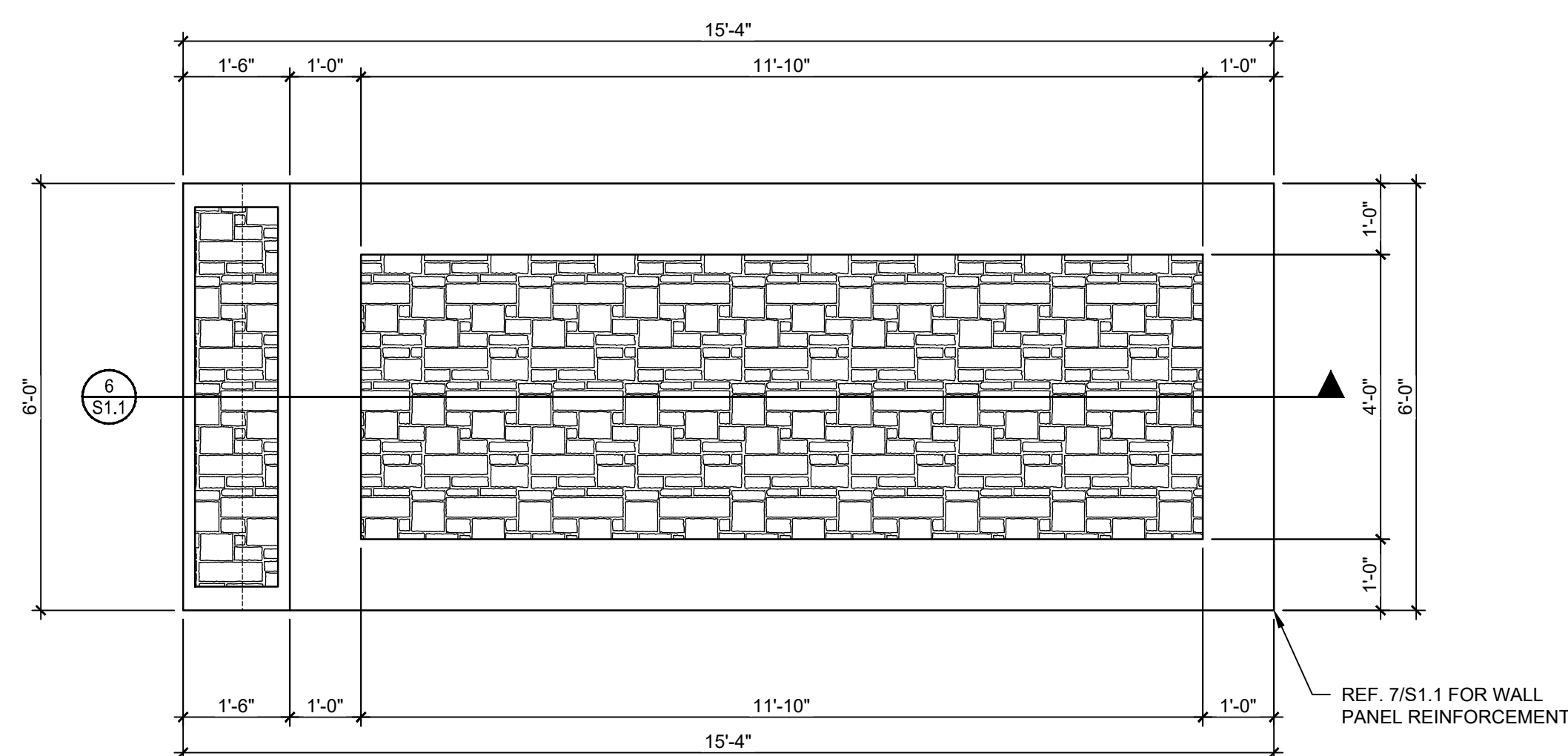
**03 TYPICAL COLUMN/PIER SECTION**  
SCALE: 1/2"=1'-0"



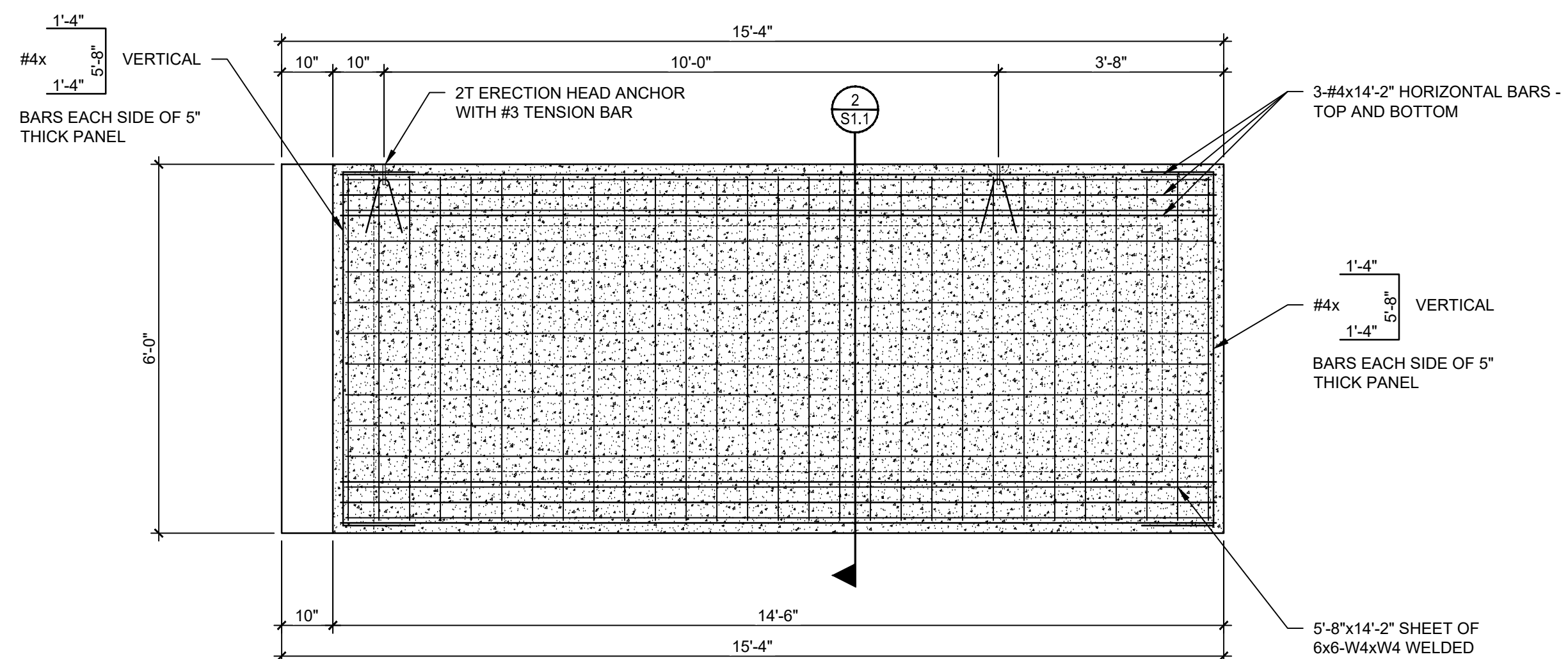
**04 TYPICAL PRECAST WALL PANEL - TOP VIEW**  
SCALE: 1/2"=1'-0"



**06 TYPICAL PRECAST WALL PANEL - HORIZONTAL SECTION**  
SCALE: 1/2"=1'-0"



**05 TYPICAL PRECAST WALL PANEL - ELEVATION**  
SCALE: 1/2"=1'-0"



**07 TYPICAL PRECAST WALL PANEL - REINFORCEMENT**  
SCALE: 1/2"=1'-0"

**GENERAL NOTES**

- STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE PROVISIONS OF THE 2015 INTERNATIONAL BUILDING CODE.
- TO ACHIEVE THE FINAL EFFECT OF REAL STONE, CONCRETE WALLS ARE COLORED WITH A WATER-BASED ACRYLIC STRUCTURAL CONCRETE PAINT DESIGNED FOR SUPERIOR PENETRATION. THE PAINT IS SPECIFICALLY FORMULATED TO ENSURE MOISTURE PROOFING, COLOR STABILITY, AND ULTRA-VIOLET RESISTANCE.

**FOUNDATION NOTES**

- THE FOUNDATION DESIGN IS BASED ON THE PROVISIONS OF THE 2015 INTERNATIONAL BUILDING CODE.
- THE FOUNDATION SHALL CONSIST OF AUGER-EXCAVATED, STRAIGHT SHAFT REINFORCED CONCRETE PIERS. REFER TO TYPICAL PIER DETAIL FOR BEARING DEPTH.

**STRUCTURAL CONCRETE NOTES**

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND ACI 318. ALL CONCRETE SHALL BE LABORATORY DESIGNED AND CONTROLLED.
- CONCRETE IN THE FOLLOWING AREAS SHALL HAVE SAND AND GRAVEL OR CRUSHED STONE COARSE AGGREGATES AND CORRESPONDING TWENTY-EIGHT (28) DAY COMPRESSIVE STRENGTH AS FOLLOWS:

PRECAST PANELS, COLUMNS, AND CAPS	5,000 PSI*
CAST-IN-PLACE GROUT	3,000 PSI
ALL CAST-IN-PLACE CONCRETE, U.N.O.	3,000 PSI

\* STRIPPING STRENGTH SHALL BE A MINIMUM OF 3,500 PSI.

- ALL CONCRETE SHALL CONTAIN AN AIR-ENTRAINING ADMIXTURE PROVIDING THREE (3) TO SIX (6) PERCENT AIR BY VOLUME.
- CONCRETE PROTECTION FOR STEEL REINFORCEMENT SHALL BE AS FOLLOWS (SEE ACI 318, SECTION 7.7 FOR CONDITIONS NOT INDICATED):

ALL CONCRETE PLACED AGAINST SOIL	3"
FORMED FOUNDATION CONCRETE	1"
PRECAST PANELS EXPOSED TO WEATHER	3/4"
PRECAST COLUMNS EXPOSED TO WEATHER	1 1/4"

**REINFORCING STEEL NOTES**

- ALL DETAILING OF STEEL REINFORCEMENT AND ACCESSORIES SHALL CONFORM TO ACI COMMITTEE 315 PUBLICATION SP-66, "ACI DETAILING MANUAL."
- DEFORMED BAR REINFORCEMENT SHALL BE IN CONFORMANCE WITH ASTM A615, GRADE 60.
- SPLICES WITHIN CONTINUOUS REINFORCING SHALL BE A MINIMUM OF THIRTY (30) BAR DIAMETERS.
- WELDED WIRE FABRIC SHALL BE ELECTRICALLY WELDED, COLD-DRAWN WIRE IN CONFORMANCE WITH ASTM A185, GRADE 65. WELDED WIRE FABRIC SHALL BE PLACED IN FLAT SHEETS ONLY.
- LAP WELDED WIRE FABRIC AT LEAST 1 1/2 SQUARES PLUS WIRE END EXTENSIONS BUT NOT LESS THAN TWELVE (12) INCHES, UNLESS NOTED OTHERWISE. EXTEND MESH ACROSS SUPPORTING BEAMS AND WALLS.



THE SEAL APPEARING ON THIS DOCUMENT IS AUTHORIZED BY R. TRENT PERKINS, P.E. 84264

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SHEET NUMBER

**S1.1**  
STRUCTURAL  
FENCE DETAILS

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