

A SCREEN WALL ELEVATION
SCALE: 1/2" = 1'-0"

CONCRETE FOOTINGS / PIER
REF. DETAIL B / ENG. REQUIREMENTS

FINISH GRADE

TYP. STEP DOWN (6" SHOWN)
FOOTINGS TO BE BLOCKED
OUT AT PANEL LOCATION
UP TO 12" MAX.

GEOTECHNICAL INFORMATION:

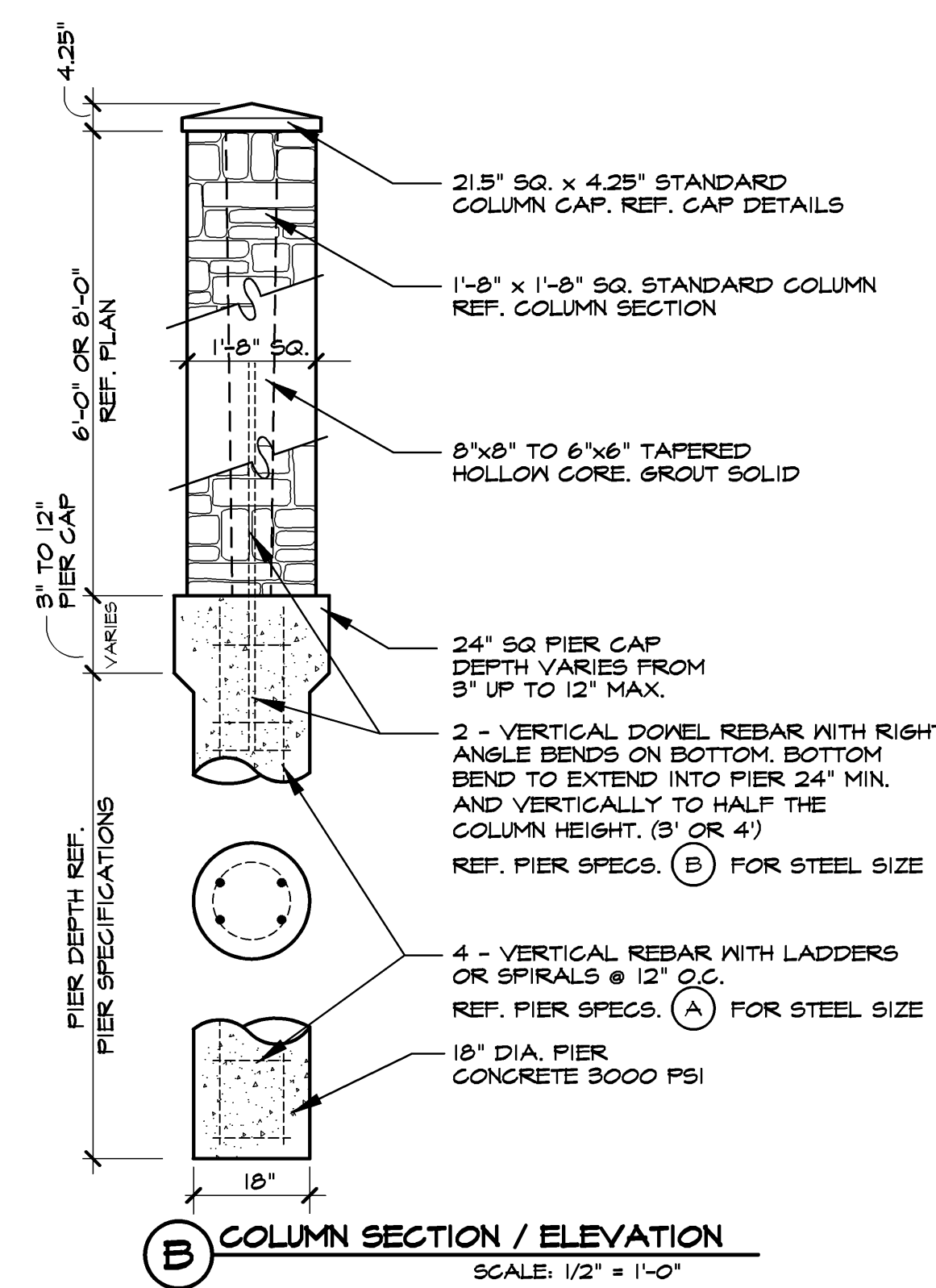
TEST PREPARED BY: _____

REPORT NUMBER: _____

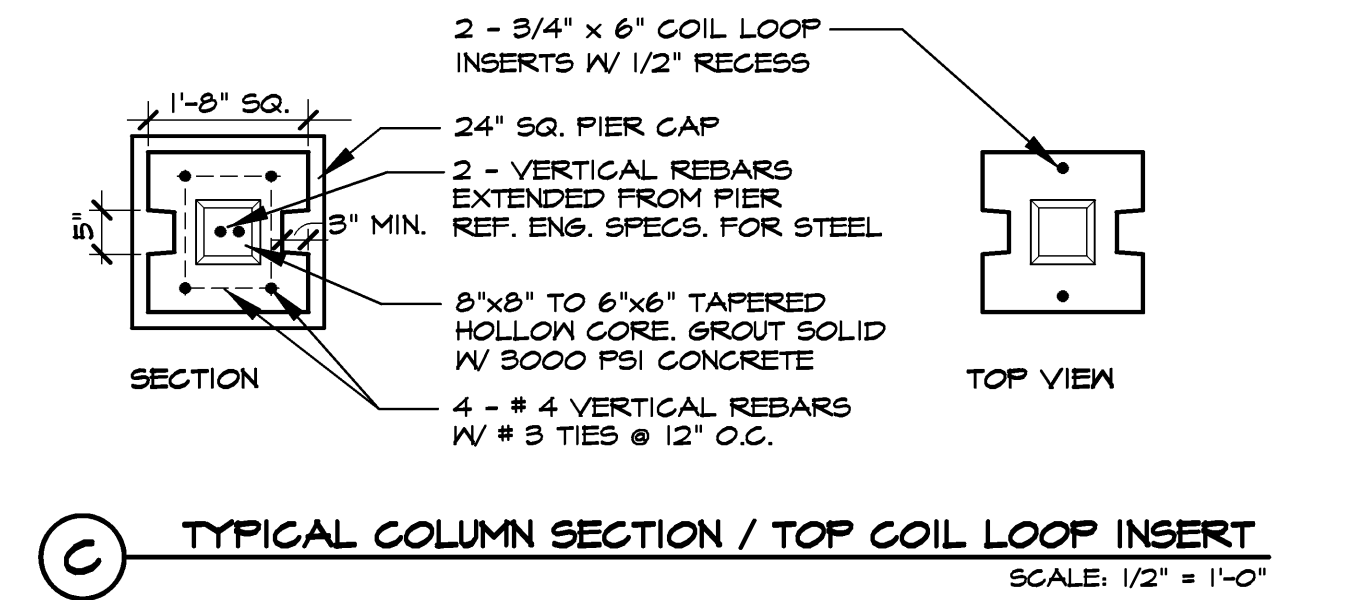
DATE PREPARED: _____

PIER SPECIFICATIONS:

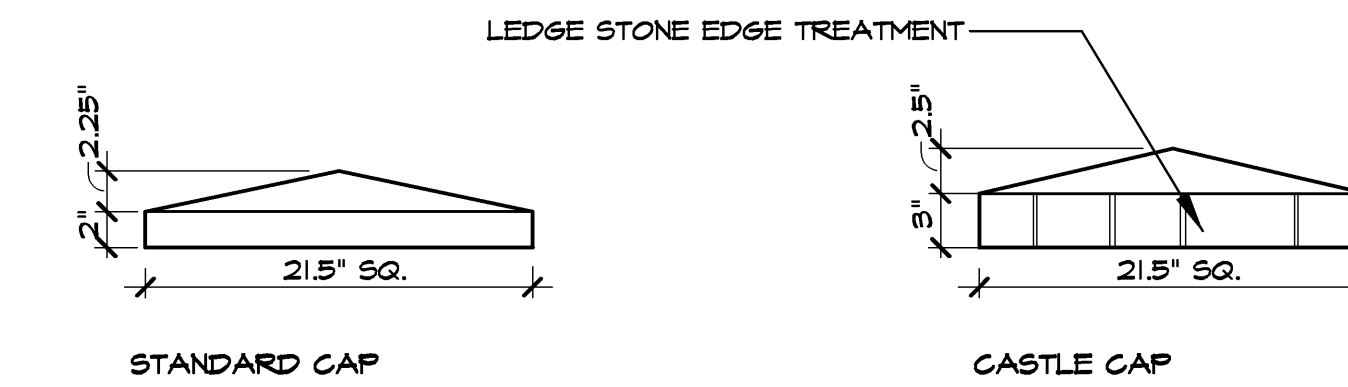
- 18" DIAMETER PIER _____ FT. DEEP OR 2' INTO BEDROCK
WHICH EVER COMES FIRST
- CONCRETE 3000 PSI @ 28 DAYS, STEEL 60 KSI
- (A) (4) # _____ VERTICAL REBAR
 - # _____ SPIRALS OR LADDERS @ 12" O.C.
 - (B) (2) # _____ VERTICAL DOWEL - 24" INTO PIER W/ RIGHT ANGLES,
36" MIN. INTO 6' COLUMN, 48" MIN INTO 8' COLUMN



B COLUMN SECTION / ELEVATION
SCALE: 1/2" = 1'-0"



C TYPICAL COLUMN SECTION / TOP COIL LOOP INSERT
SCALE: 1/2" = 1'-0"



D TYPICAL COLUMN CAPS
SCALE: N.T.S.

SPECIFICATIONS AND NOTES:

GENERAL NOTES:

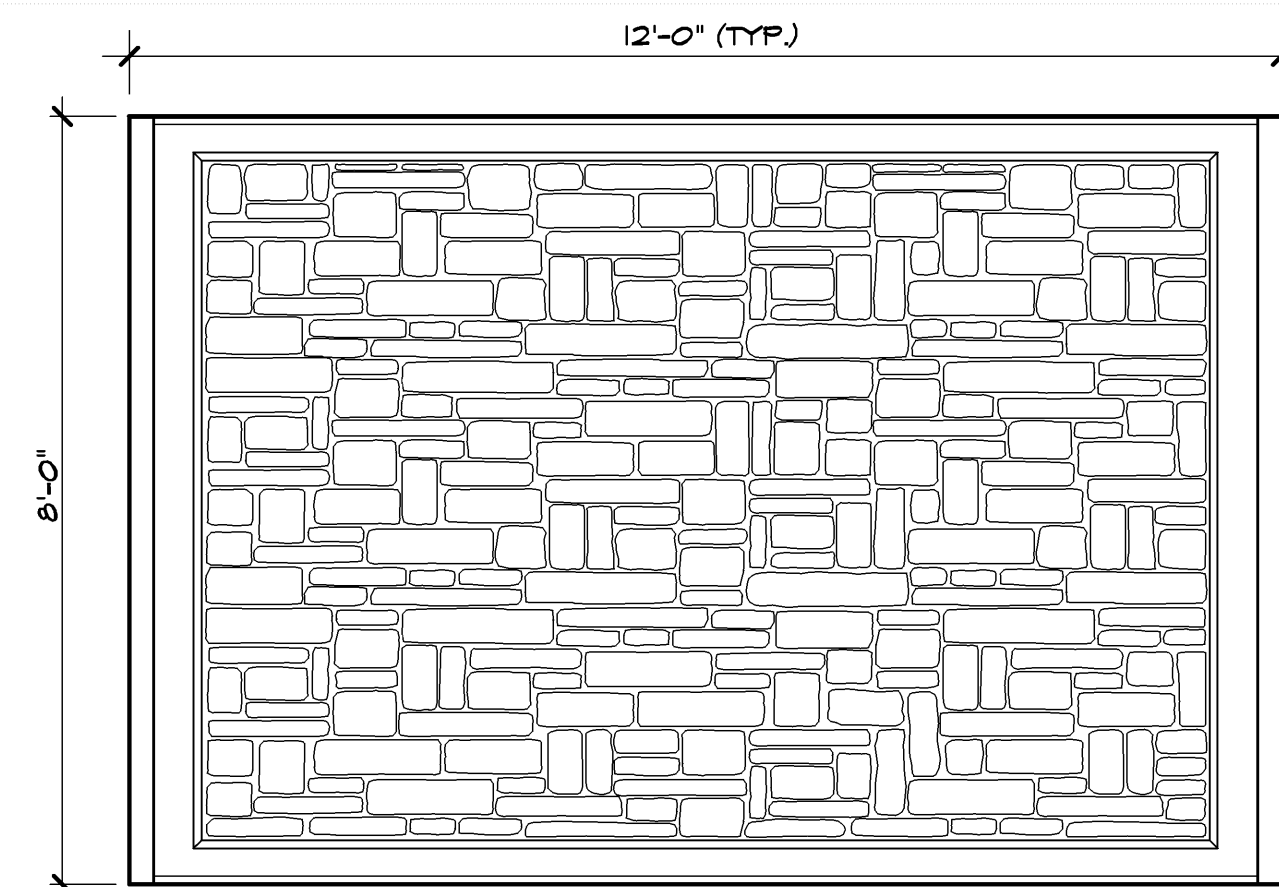
- PRODUCT TO BE MANUFACTURED BY HAWK CONSTRUCTION.
- SCREENING WALL IS TO BE CONSTRUCTED ENTIRELY ON THE PROJECT PROPERTY.
- COLOR: TO ACHIEVE THE FINAL EFFECT OF REAL STONE, VERTI-CRETE WALLS ARE COLORED WITH A WATER-BASED ACRYLIC STRUCTURAL CONCRETE PAINT DESIGNED FOR SUPERIOR PENETRATION. THE PAINT IS SPECIFICALLY FORMULATED TO ENSURE MOISTURE PROOFING, COLOR STABILITY, AND ULTRAVIOLET RESISTANCE.

CONCRETE:

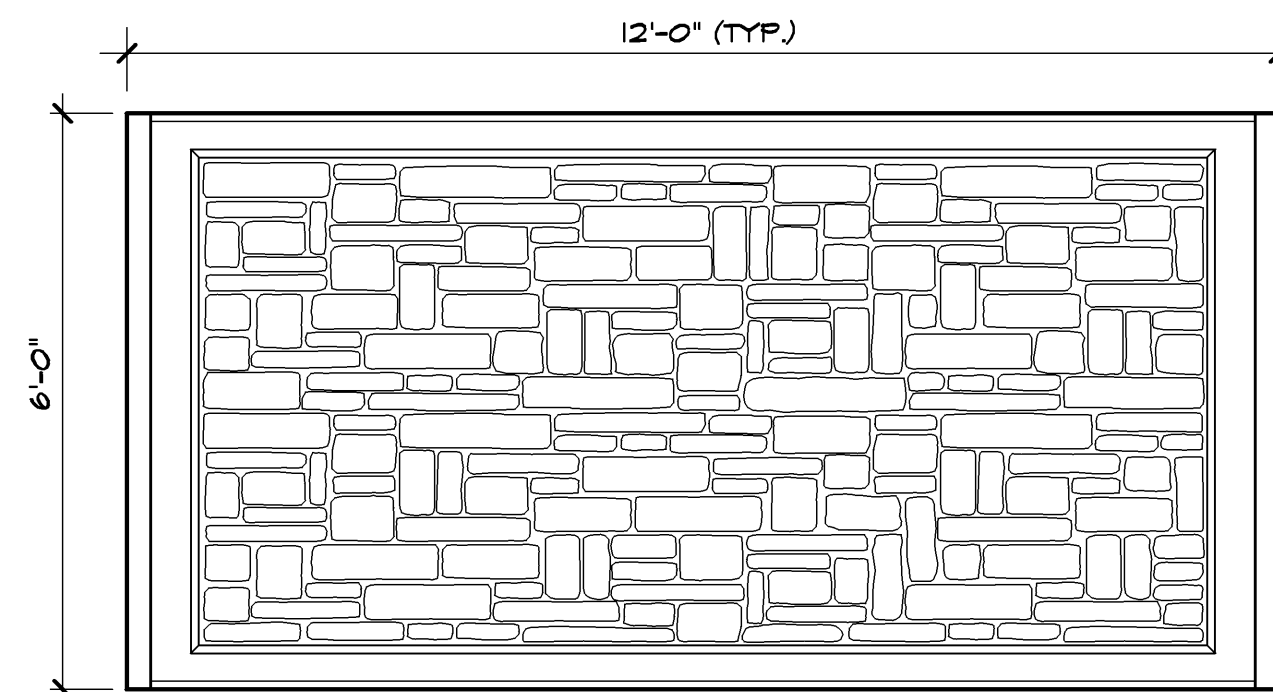
- CONCRETE MATERIALS:
 - A. CONCRETE SHALL BE NORMAL WEIGHT CONCRETE HAVING SAND AND GRAVEL OR CRUSHED STONE AGGREGATE. MIXED WITH ASTM-C150, TYPE I OR III PORTLAND CEMENT TO MEET THE MINIMUM COMPRESSIVE STRENGTH AS FOLLOWS:
 - PANELS & POST: 4000 PSI @ 28 DAYS.
 - FOOTINGS & PIERS: 3000 PSI @ 28 DAYS.
 - B. WATER USED FOR CONCRETE SHALL BE CLEAN WATER AND FREE FROM CONTAMINANTS SUCH AS OILS, ACIDS, ALKALITES, ORGANICS OR OTHER HARMFUL SUBSTANCES.
 - C. ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN AIR-ENTRAINING ADMIXTURE RESULTING IN 3 TO 6 PERCENT ENTRAINED AIR OR AS RECOMMENDED BY THE MANUFACTURER OR SPECIFIED BY THE CONTRACTOR.
- CONCRETE WORKMANSHIP:
 - A. FRESH POURED CONCRETE SHALL BE TAMPED INTO PLACE USING STEEL RAMMER, SLICING TOOLS, OR MECHANICAL VIBRATOR, UNTIL CONCRETE IS THOROUGHLY COMPACT AND WITHOUT VOID.
 - B. EXCAVATION FOR FOOTING SHALL BE ON UNDISTURBED SOIL OR TO THE DEPTH NOTED ON THE DRAWINGS. LEAVE THE BOTTOM BEARING SURFACE CLEAN AND SMOOTH. IF THE FOOTING EXCAVATIONS ARE MADE DEEPER THAN INTENDED, ONLY CONCRETE SHALL BE USED FOR FILL. REMOVE ALL LOOSE MATERIAL FROM EXCAVATIONS PRIOR TO CONCRETE POUR.

REINFORCEMENT:

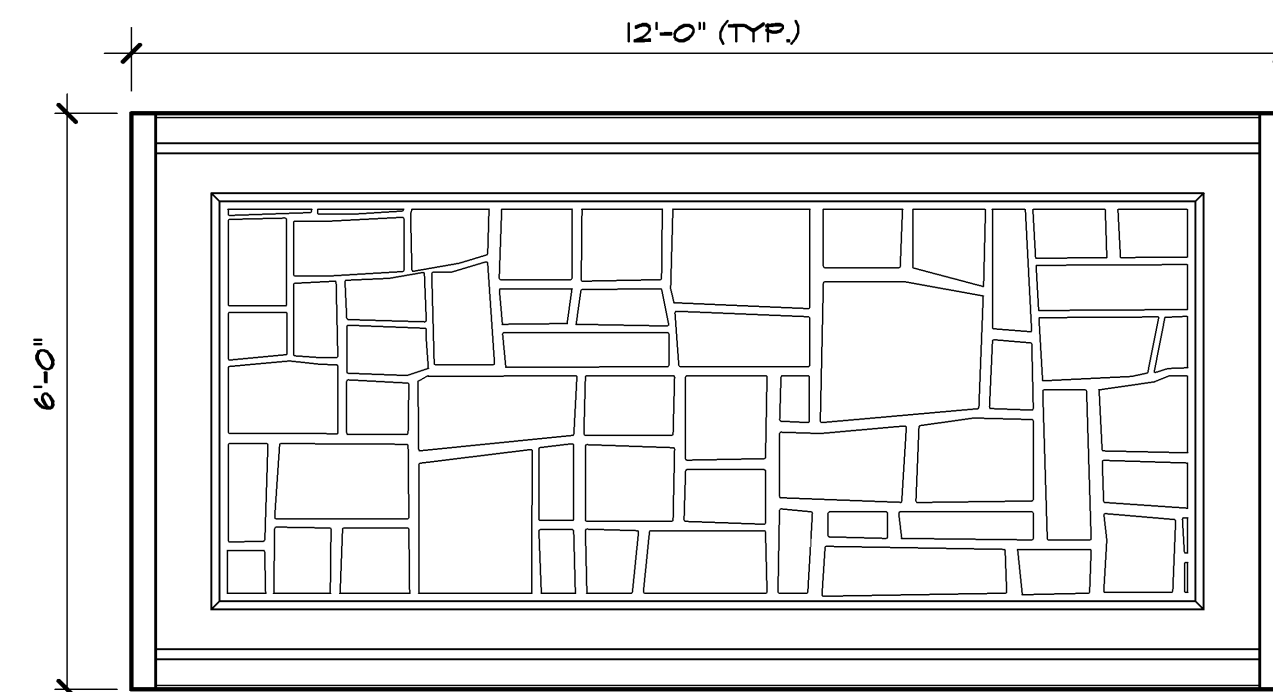
- REINFORCING MATERIALS:
 - A. DEFORMED TYPE BARS SHALL CONFORM TO ASTM-A 615, GRADE 60 PLACED AS SHOWN ON THE DRAWINGS.
 - B. STEEL REINFORCING WIRE SHALL MEET U.S. STEEL WIRE GAUGE, ASTM-A 82. $f_y = 60,000$ PSI MIN.
 - C. ALL TIES AND STIRRUPS SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A 615, GRADE 40.
- REINFORCING WORKMANSHIP:
 - A. REINFORCEMENT STEEL SHALL BE FABRICATED IN ACCORDANCE WITH THE CRSI STANDARD DETAIL. REINFORCING BARS SHALL BE COLD BENT ONLY. USE OF HEAT TO BEND REINFORCEMENT STEEL SHALL BE CAUSE FOR REJECTION.
 - B. REINFORCEMENT STEEL BARS AND WIRE FABRIC SHALL BE THOROUGHLY CLEANED BEFORE PLACEMENT AND SHALL BE ACCURATELY POSITIONED AND SECURED IN PLACE. NO BRICKS, PIPES OR POROUS MATERIALS MAY BE USED TO SUPPORT THE STEEL OFF THE GROUND.
 - C. INSTALL ALL REINFORCEMENT WITH THE FOLLOWING CLEARANCE BETWEEN REINFORCING STEEL AND FACE OF CONCRETE:
 1. FOOTING, PIER OR BEAM BOTTOM (3")
 2. EARTH FORMED PIER OR BEAM SIDE (2")
 3. FORMED FOOTING, PIER OR BEAM SIDES, EXPOSED (1")
 4. PRECAST PANELS EXPOSED TO WEATHER (3/4")
 5. PRECAST POSTS EXPOSED TO WEATHER (1 1/4")
 - D. SPLICES WITHIN CONTINUOUS UNSCHEDULED REINFORCING STEEL SHALL HAVE A MINIMUM LAP OF 90 BAR DIAMETERS.



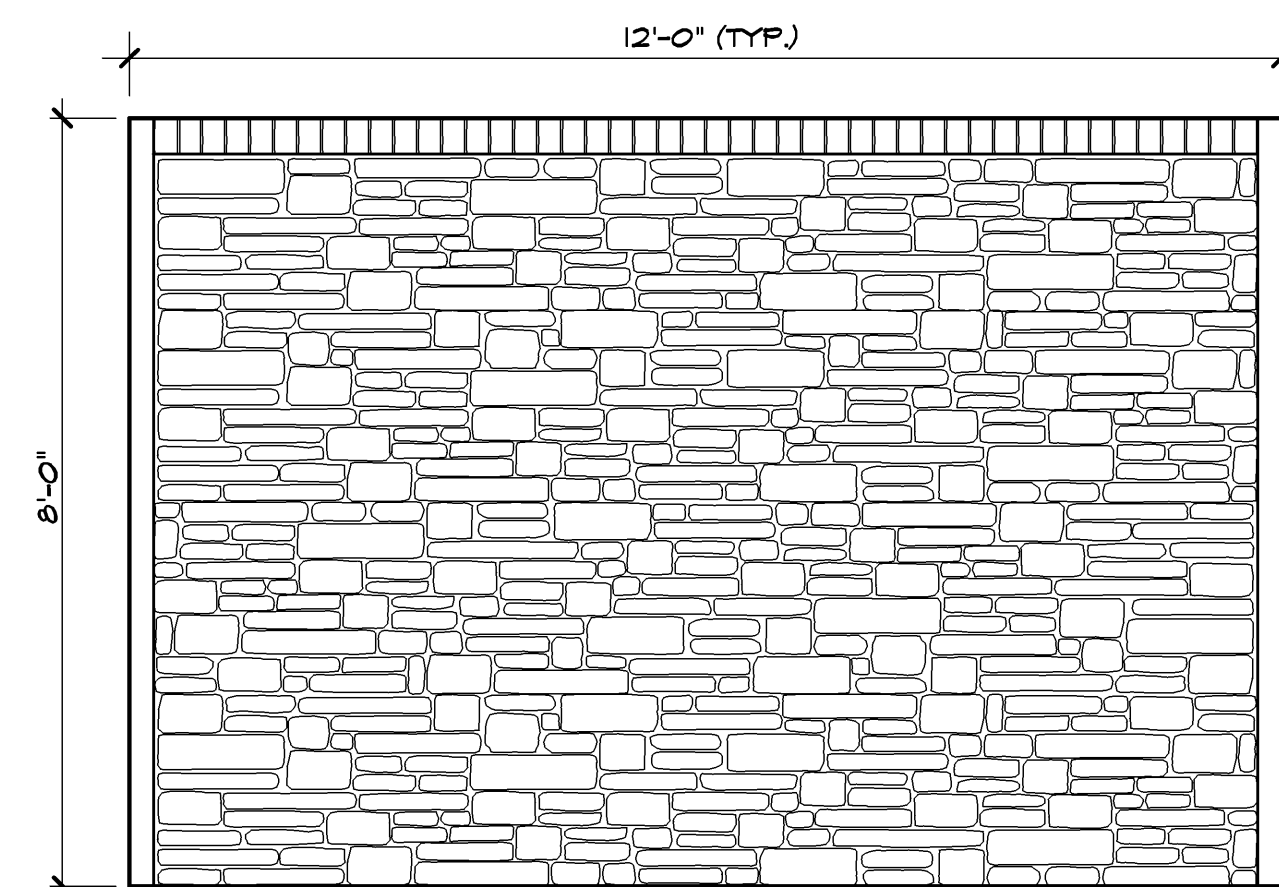
E ASHLAR 8'-0" WALL PANEL
SCALE: 1/2" = 1'-0"



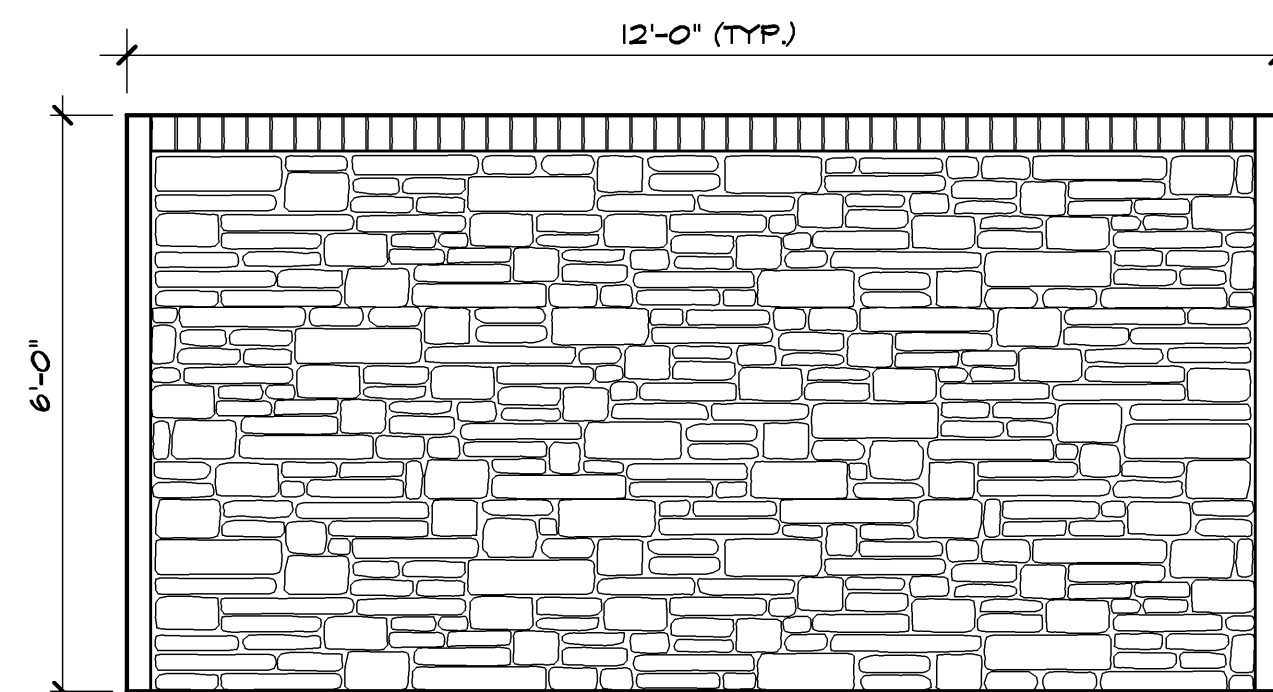
F ASHLAR 6'-0" WALL PANEL
SCALE: 1/2" = 1'-0"



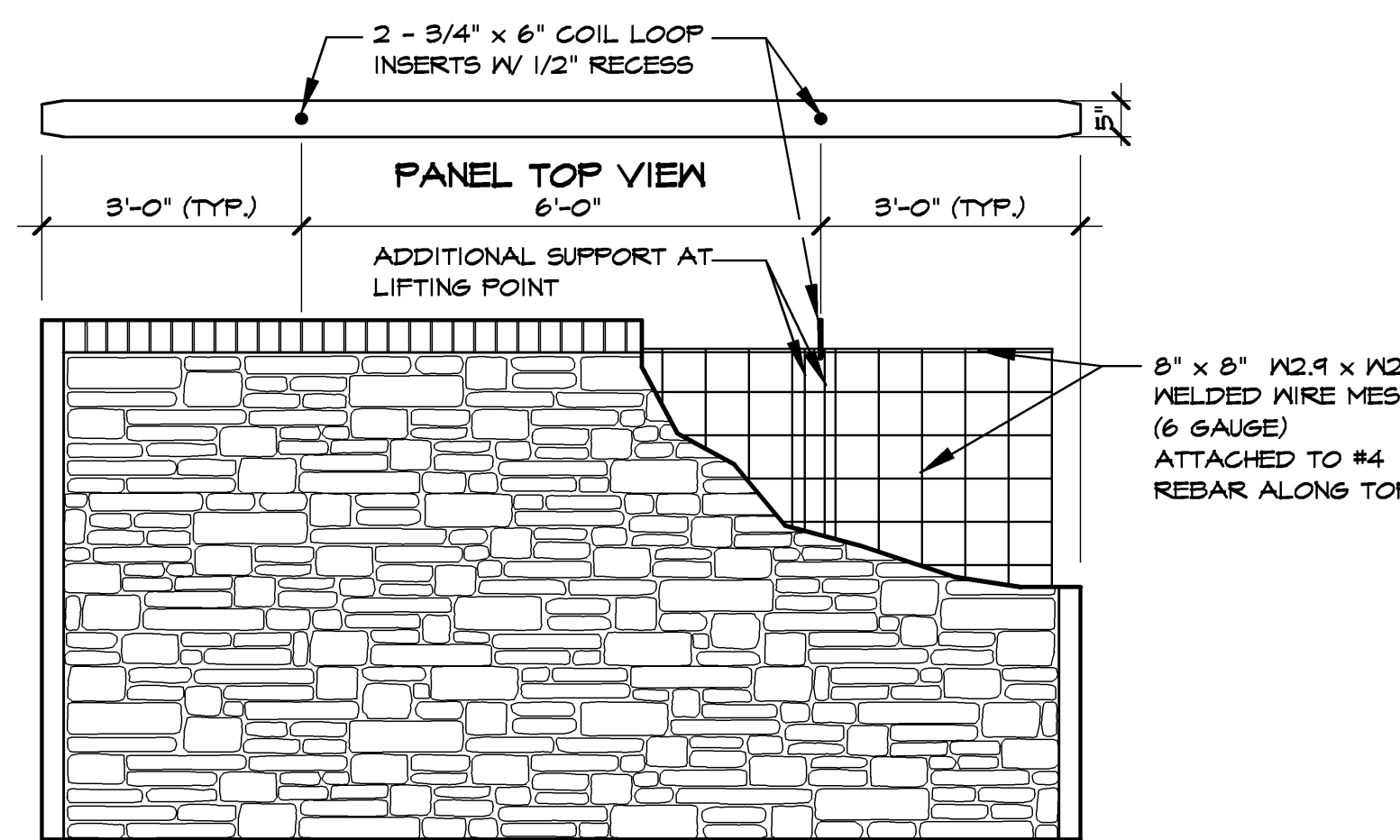
G DRY STACK 6'-0" WALL PANEL
SCALE: 1/2" = 1'-0"



H LEDGE STONE 8'-0" WALL PANEL
SCALE: 1/2" = 1'-0"



I LEDGE STONE 6'-0" WALL PANEL
SCALE: 1/2" = 1'-0"



J TYPICAL WALL PANEL DETAIL
SCALE: 1/2" = 1'-0"

Engineer:

Project:

VERTI - CRETE
PRECAST
SCREEN WALLS DETAILS

Sheet Number:
S1.0