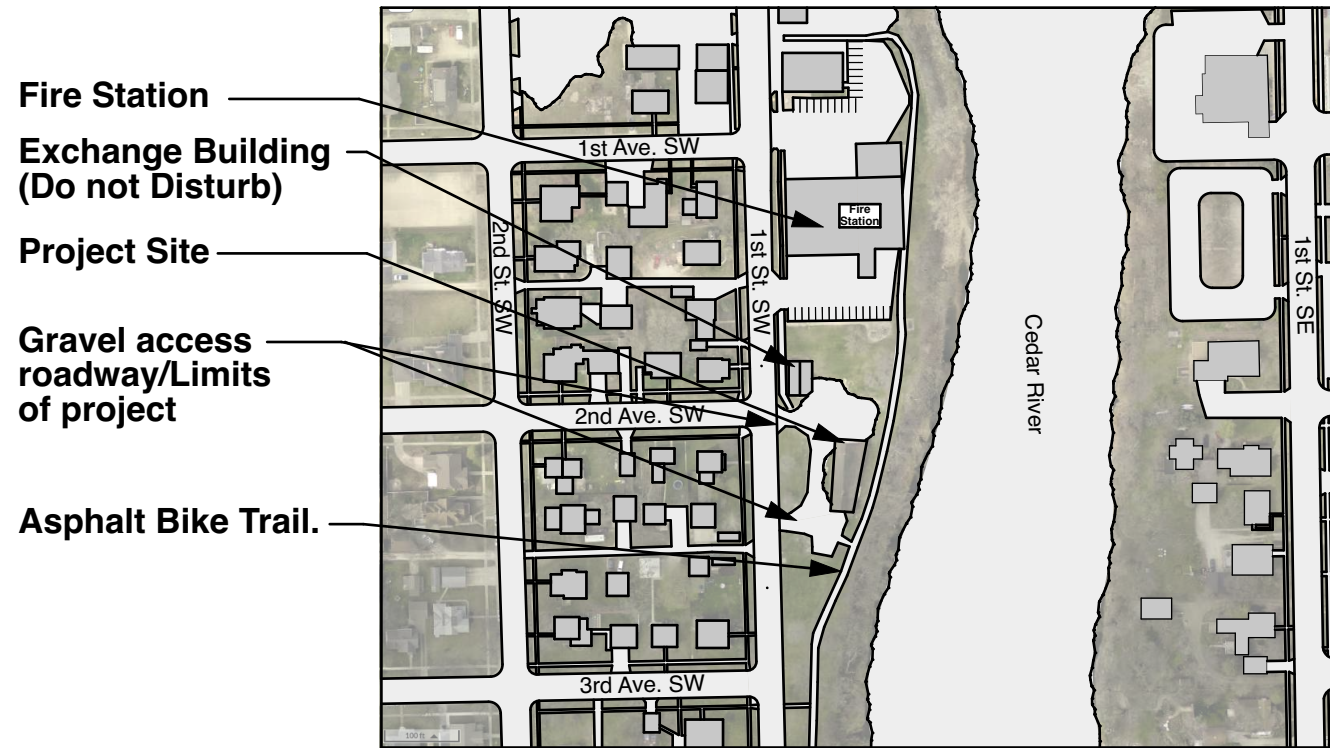
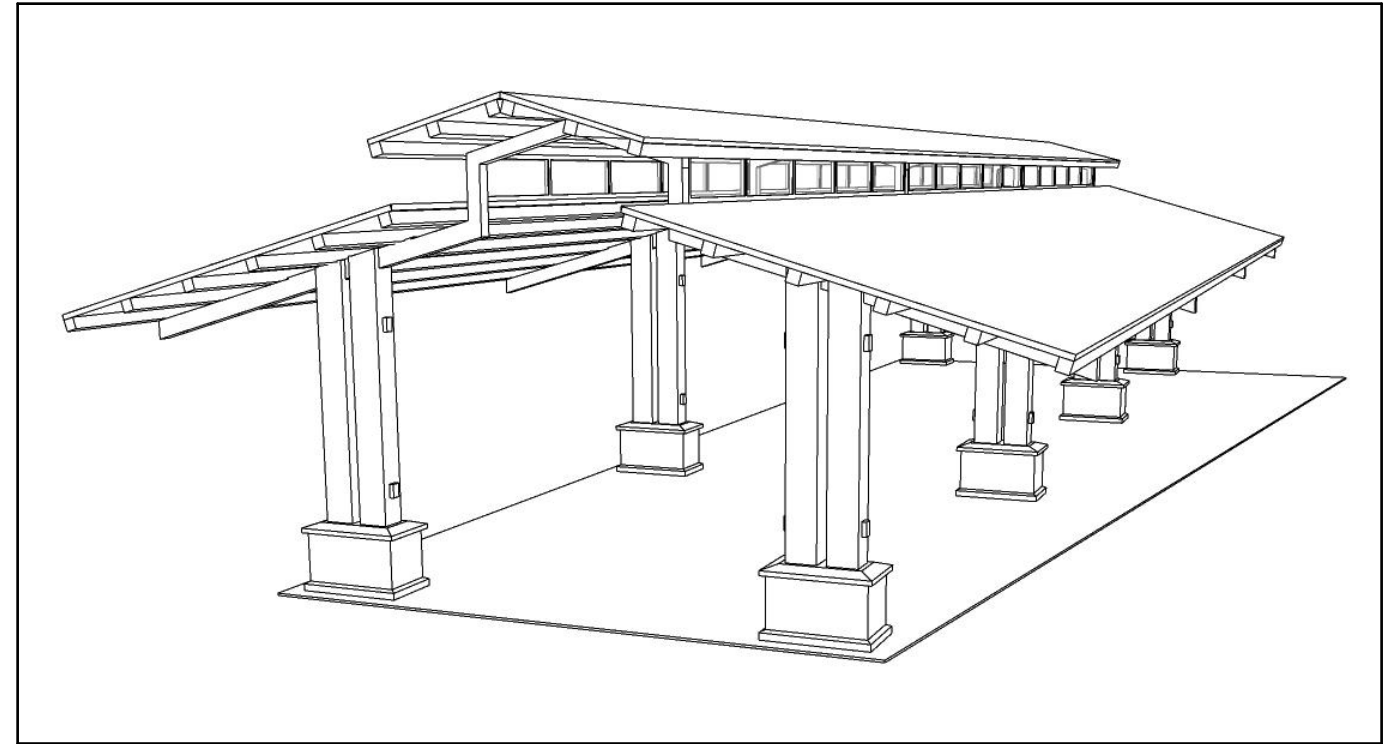


Location Map



Perspective



Sheet Index

AT	SITE MAP / PERSPECTIVE / INDEX
AS1	SITE DEMO PLAN
A100	COLUMN LAYOUT
A101	PAVING PLAN
A102	PAVING SECTION
A400	BUILDING SECTION
A401	COLUMN DETAILS
A402	WINDOW DETAILS
A403	ROOF DETAILS
A500	ELEVATIONS
A600	REFLECTED CEILING& ROOF PLAN
A800	PLUMBING/ELECTRICAL PLAN
AE 100	SITE UTILITY PLAN

The portion of this technical submission described below has been prepared under the direct supervision & responsible charge of the undersigned.

Randall E. Bishop

Randall E. Bishop
Signature

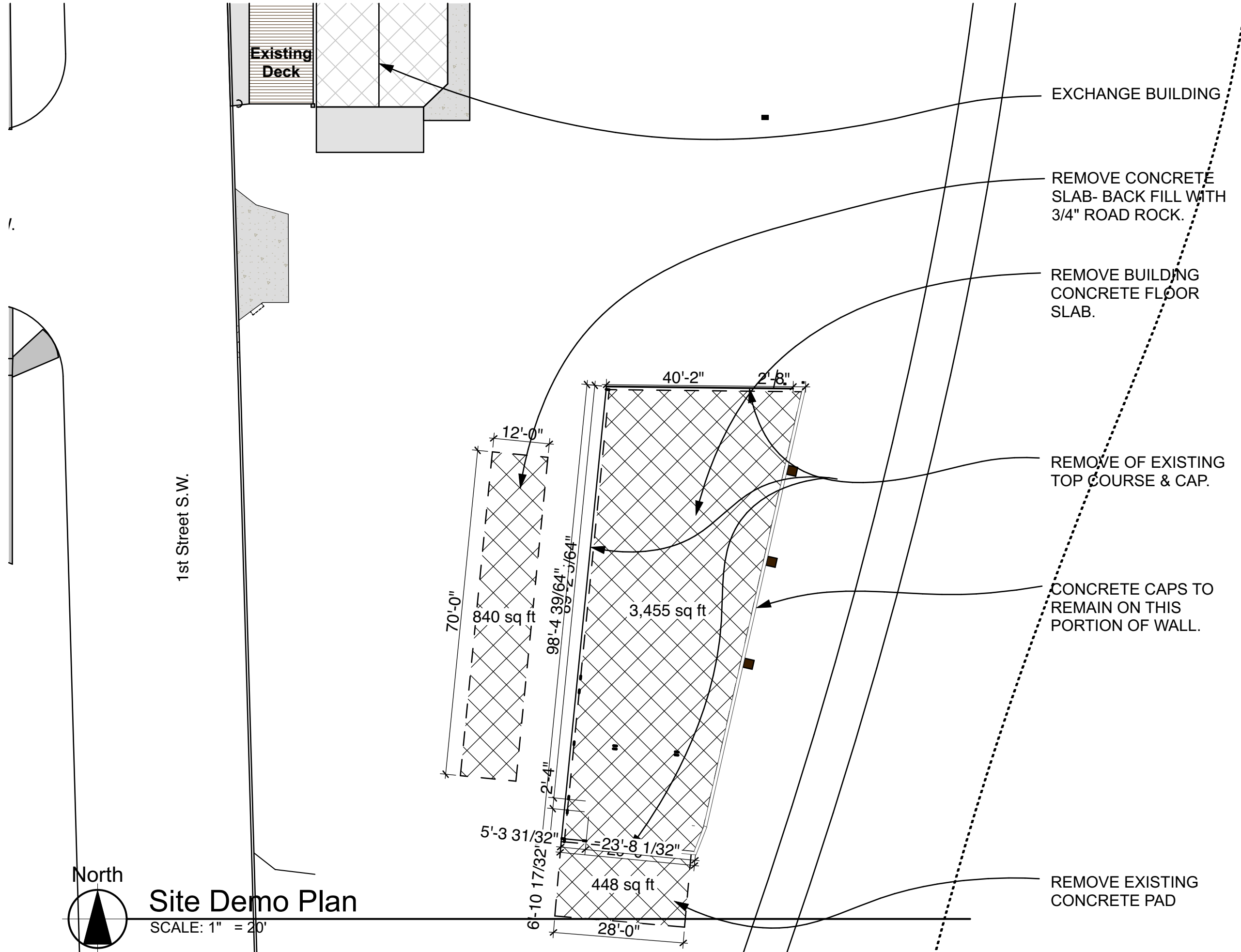
Discipline: Professional Engineer
Iowa Registration No.: 10468
Pages of Sheets covered by this seal: A100,A400,A401
Date of Issuance: December 22, 2020

The portion of this technical submission described below has been prepared under the direct supervision & responsible charge of the undersigned.

LARRY R. KURTZ

Signature

Discipline: Landscape Architect
Iowa Registration No.: 302
Pages of Sheets covered by this seal: A Drawings
Date of Issuance: December 22, 2020



Site Demo Plan

SCALE: 1" = 20'

1st Street S.W.

EXCHANGE BUILDING

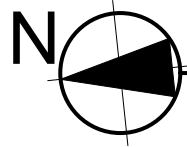
REMOVE CONCRETE SLAB- BACK FILL WITH 3/4" ROAD ROCK.

REMOVE BUILDING CONCRETE FLOOR SLAB.

REMOVE OF EXISTING TOP COURSE & CAP.

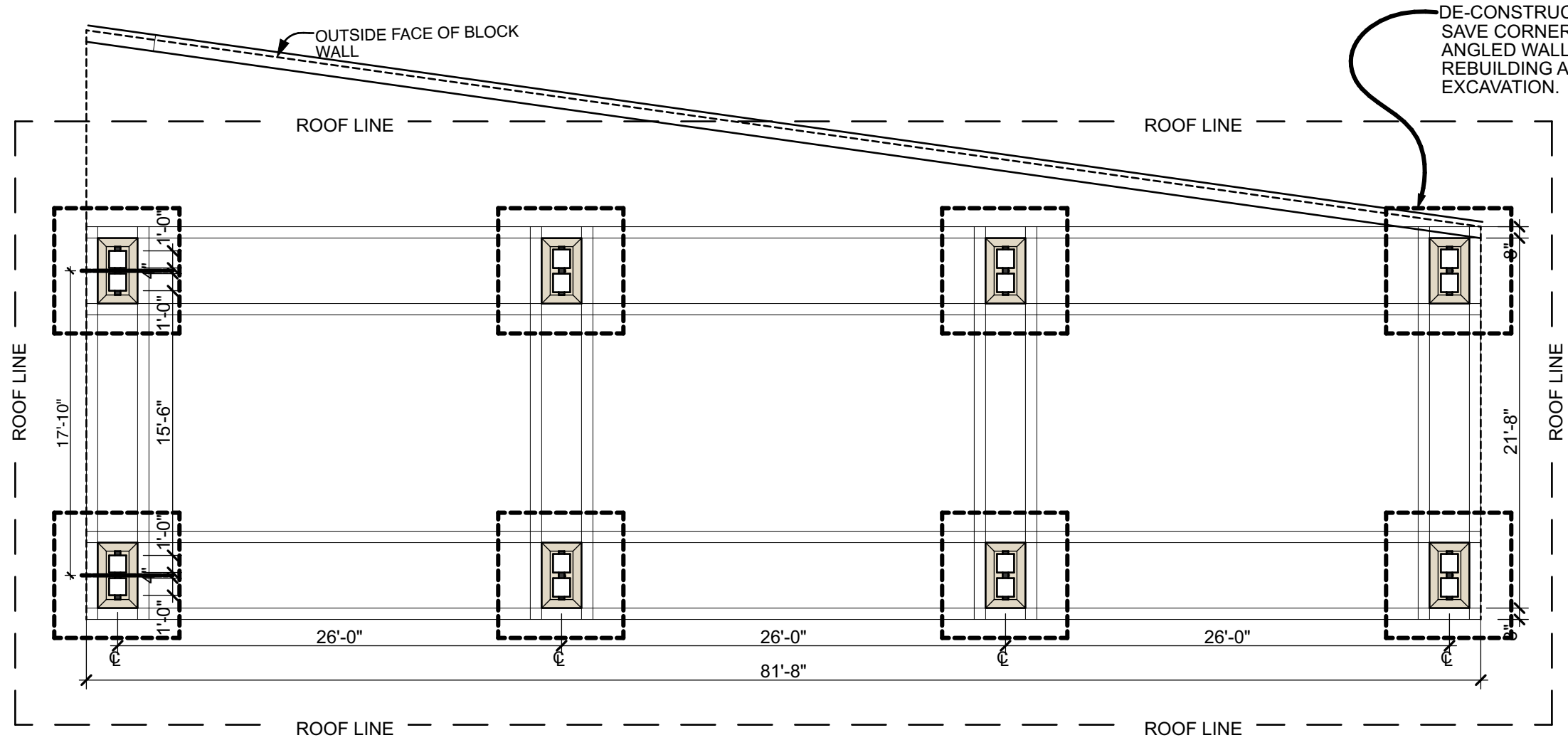
CONCRETE CAPS TO REMAIN ON THIS PORTION OF WALL.

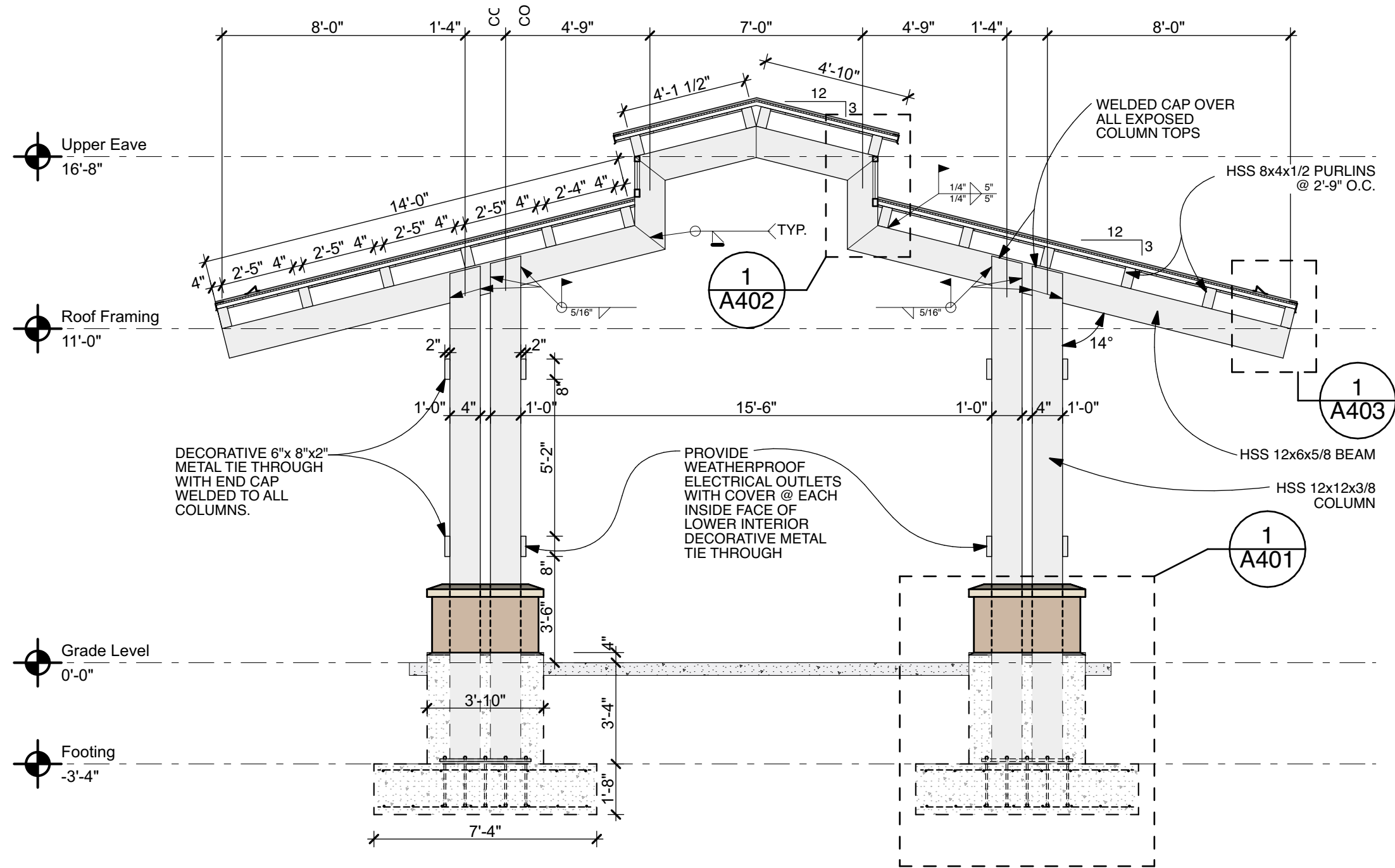
REMOVE EXISTING CONCRETE PAD



Shelter Slab / Column Spacing

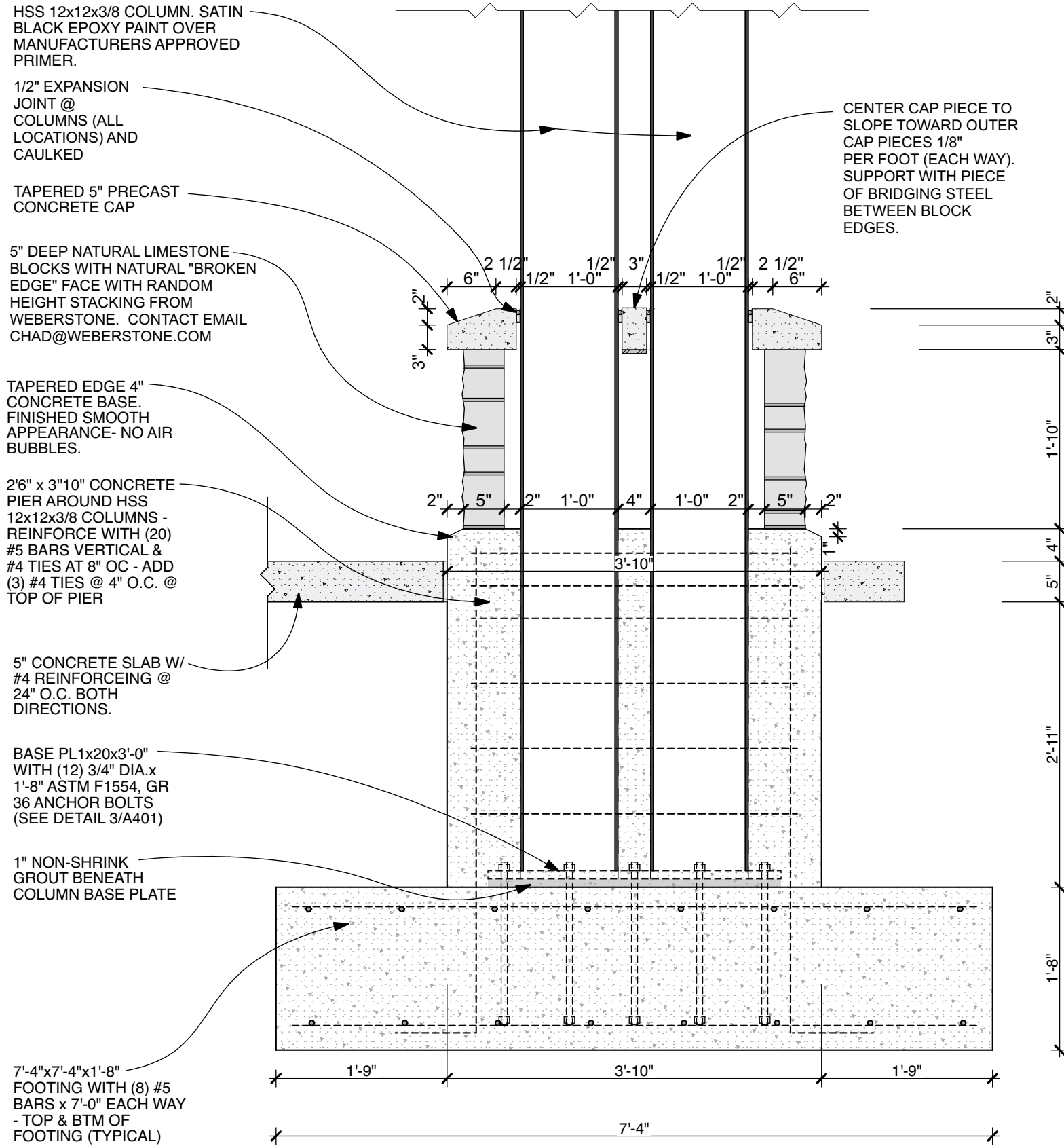
SCALE: 1/8" = 1'-0"





1
A400 Shelter Section
SCALE: 1/4" = 1'-0"

/Volumes/Project Docs/2017-0033 Waverly So Riverside Park Master Plan/2017-0033 Waverly So Riverside Shelter @ Old Storage Building/1. Drawings/South Riverside Shelter.pln



HSS 12x12x3/8 COLUMN. SATIN BLACK EPOXY PAINT OVER MANUFACTURERS APPROVED PRIMER.

1/2" EXPANSION JOINT @ COLUMNS (ALL LOCATIONS) AND CAULKED

TAPERED 5" PRECAST CONCRETE CAP

5" DEEP NATURAL LIMESTONE BLOCKS WITH NATURAL "BROKEN EDGE" FACE WITH RANDOM HEIGHT STACKING FROM WEBERSTONE. CONTACT EMAIL CHAD@WEBERSTONE.COM

TAPERED EDGE 4" CONCRETE BASE. FINISHED SMOOTH APPEARANCE- NO AIR BUBBLES.

2'6" x 3'10" CONCRETE PIER AROUND HSS 12x12x3/8 COLUMNS - REINFORCE WITH (20) #5 BARS VERTICAL & #4 TIES AT 8" OC - ADD (3) #4 TIES @ 4" O.C. @ TOP OF PIER

5" CONCRETE SLAB W/ #4 REINFORCING @ 24" O.C. BOTH DIRECTIONS.

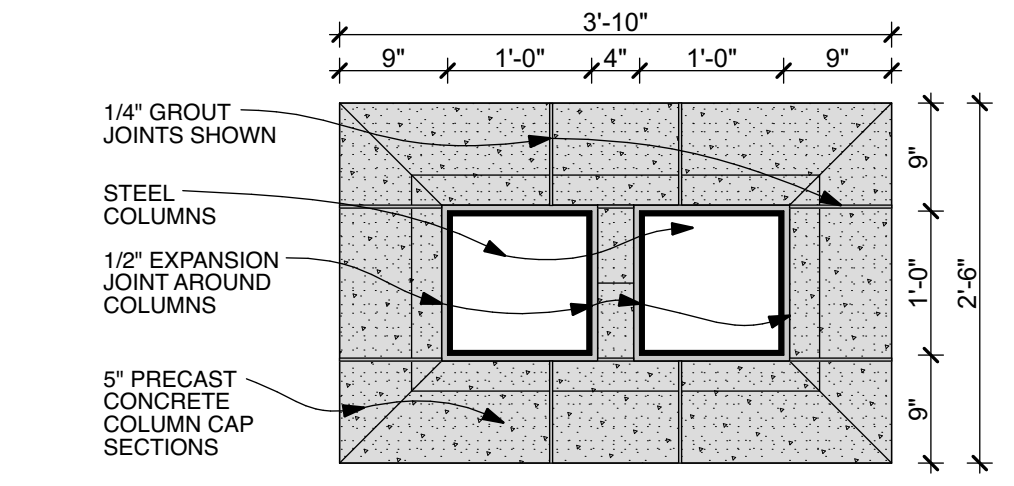
BASE PL1x20x3'-0" WITH (12) 3/4" DIA. x 1'-8" ASTM F1554, GR 36 ANCHOR BOLTS (SEE DETAIL 3/A401)

1" NON-SHRINK GROUT BENEATH COLUMN BASE PLATE

7'-4"x7'-4"x1'-8" FOOTING WITH (8) #5 BARS x 7'-0" EACH WAY - TOP & BTM OF FOOTING (TYPICAL)

CENTER CAP PIECE TO SLOPE TOWARD OUTER CAP PIECES 1/8" PER FOOT (EACH WAY). SUPPORT WITH PIECE OF BRIDGING STEEL BETWEEN BLOCK EDGES.

1
A401
Column Base Detail
SCALE: 3/4" = 1'-0"



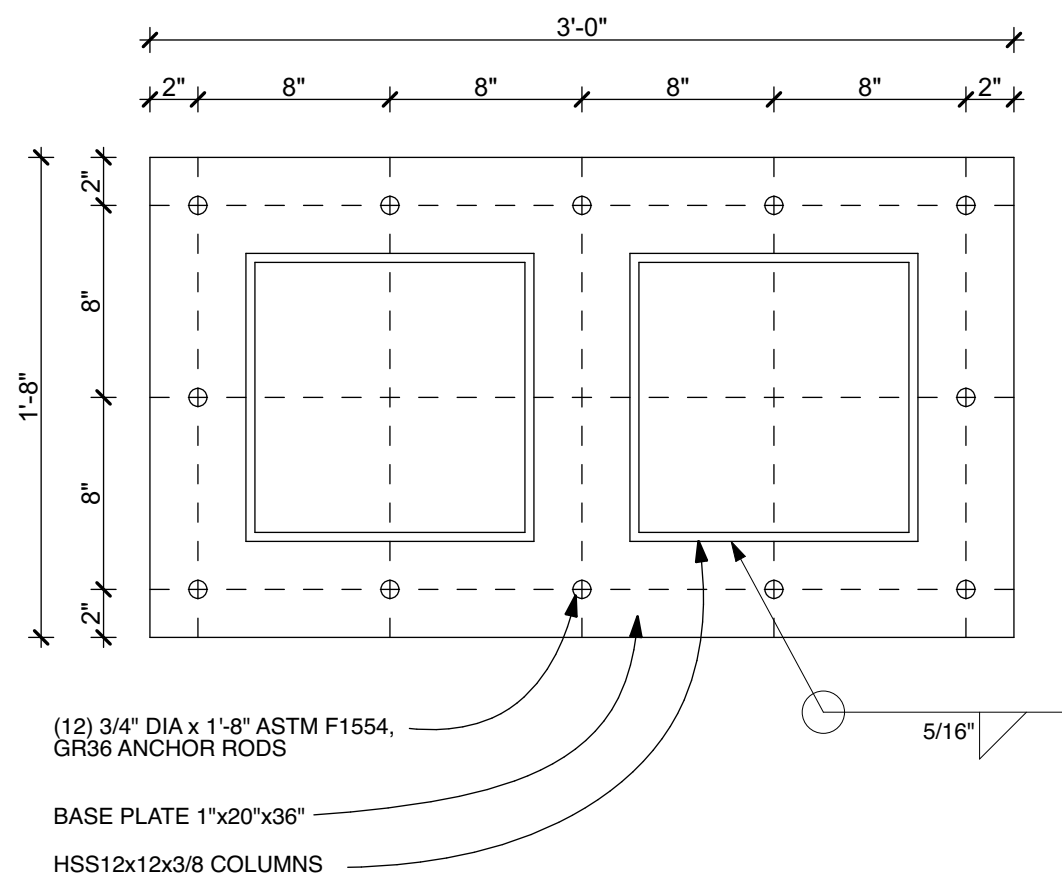
1/4" GROUT JOINTS SHOWN

STEEL COLUMNS

1/2" EXPANSION JOINT AROUND COLUMNS

5" PRECAST CONCRETE COLUMN CAP SECTIONS

2
A401
Column Cap Detail
SCALE: 3/4" = 1'-0"

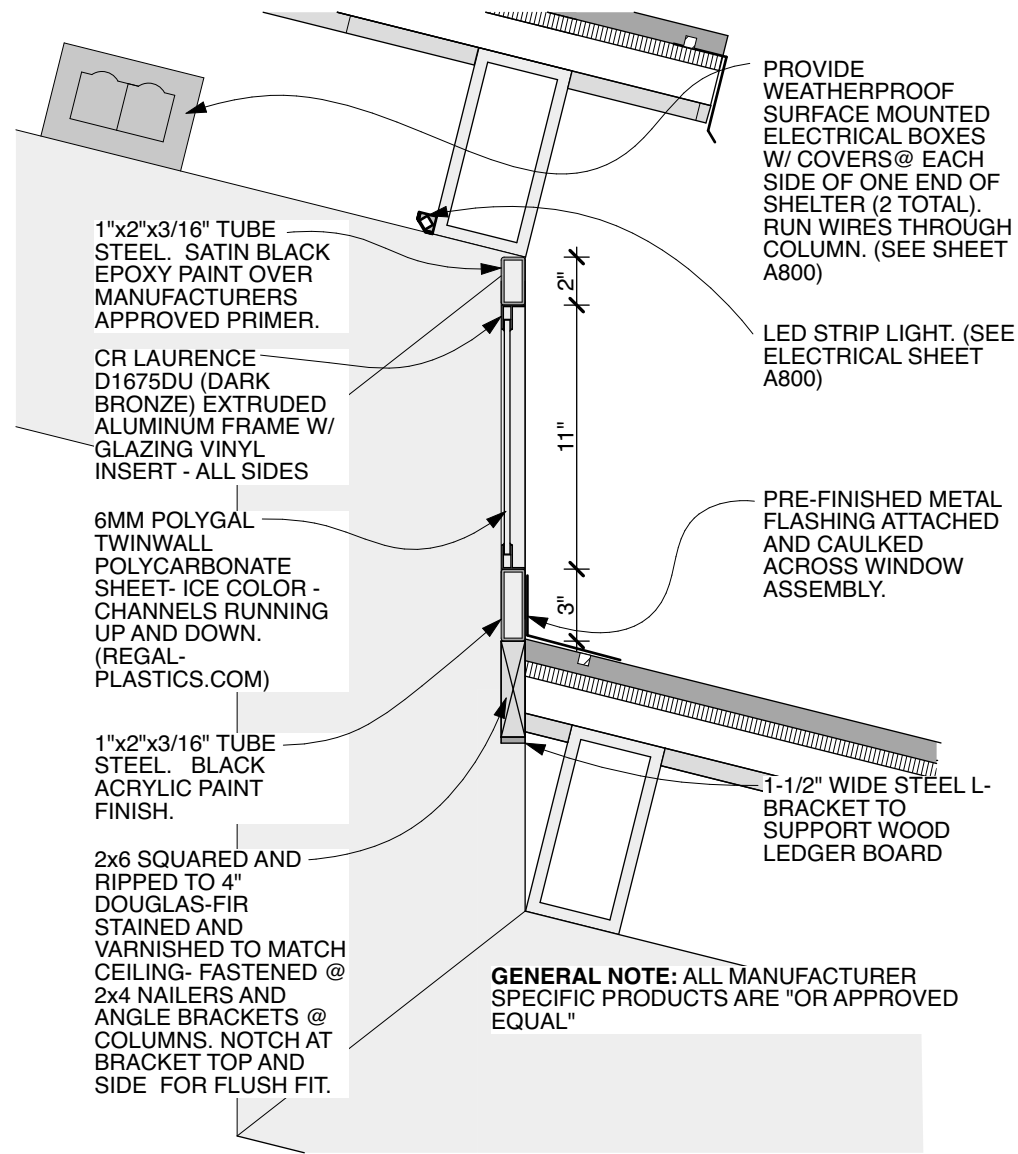


(12) 3/4" DIA x 1'-8" ASTM F1554, GR36 ANCHOR RODS

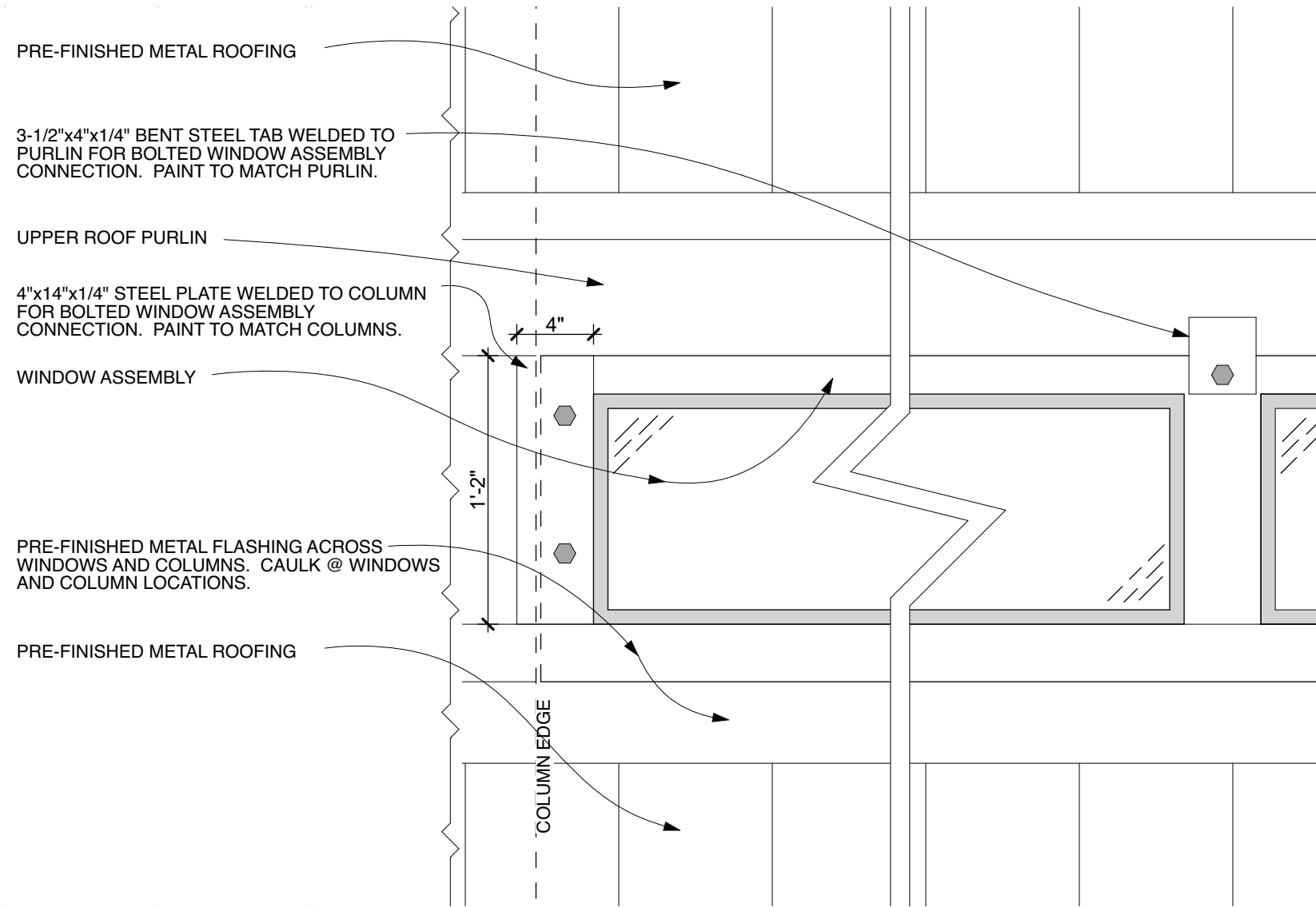
BASE PLATE 1"x20"x36"

HSS12x12x3/8 COLUMNS

3
A401
Column Base Plate Detail
SCALE: 1 1/2" = 1'-0"

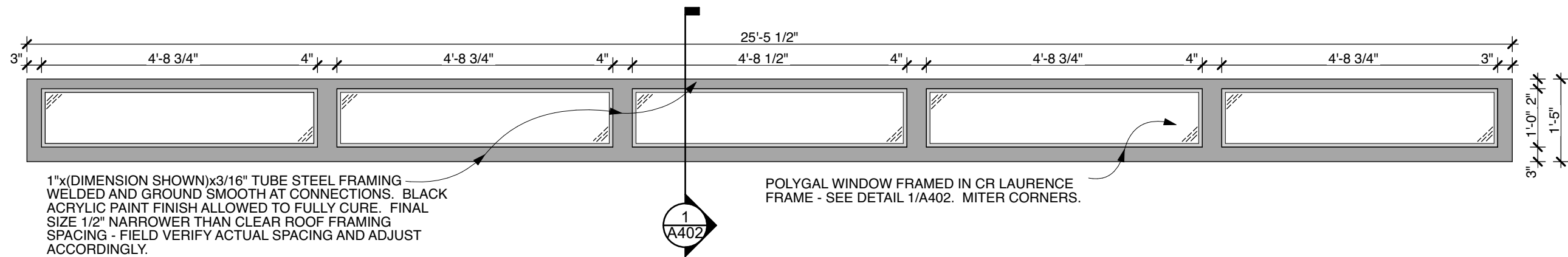


GENERAL NOTE: ALL MANUFACTURER SPECIFIC PRODUCTS ARE "OR APPROVED EQUAL"

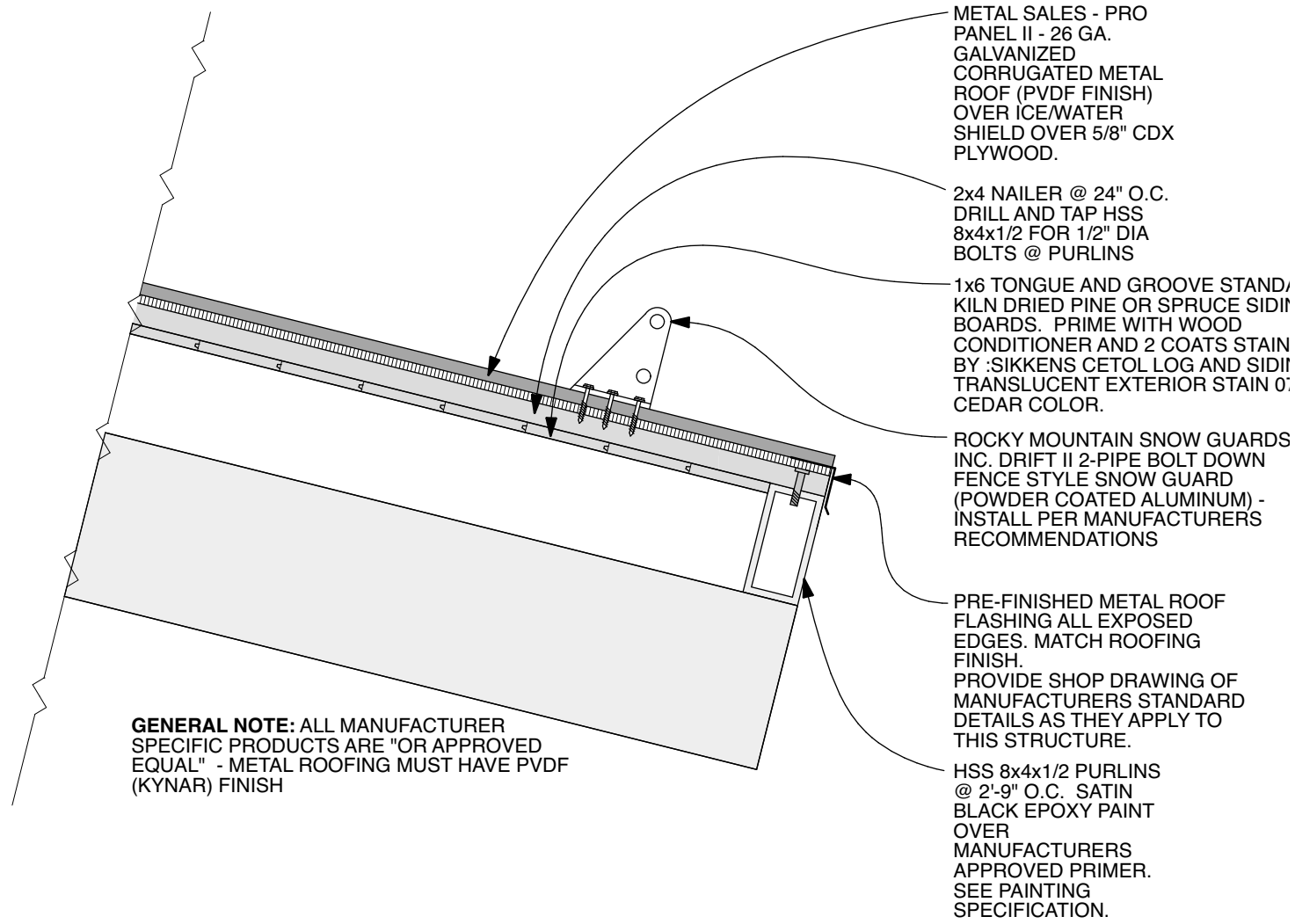


1 Window Section
A402 SCALE: 1 1/2" = 1'-0"

3 Window Connection Detail
A402 SCALE: 1 1/2" = 1'-0"



2 Window (x6)
A402 SCALE: 1/2" = 1'-0"



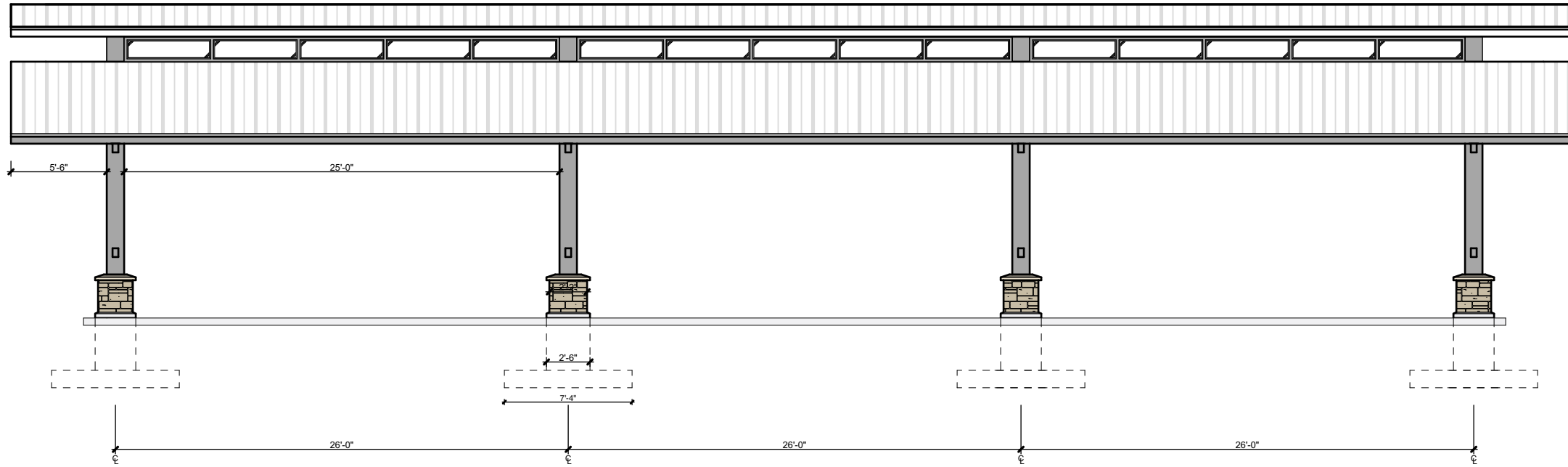
1
A403

Roof Edge Detail

SCALE: 1" = 1'-0"

GENERAL NOTE:
 CONTRACTOR TO VERIFY AND
 USE MANUFACTURERS
 DETAILS AS THEY APPLY TO
 THIS PROJECT. CONTRACTOR
 TO PROVIDE SHOP DRAWING
 DETAILS FOR APPROVAL PRIOR
 TO CONSTRUCTION. IF
 ANOTHER MANUFACTURER IS
 APPROVED PROVIDE DETAILS
 FROM APPROVED
 MANUFACTURER FOR REVIEW.

ADD ALTERNATE:
 PROVIDE STANDING SEAM
 METAL ROOF IN LIEU OF
 EXPOSED FASTENER ROOF.
 PROVIDE CLAMP ON
 CONTINUOUS SNOW GUARD IN
 LIEU OF SCREW DOWN SNOW
 GUARD.

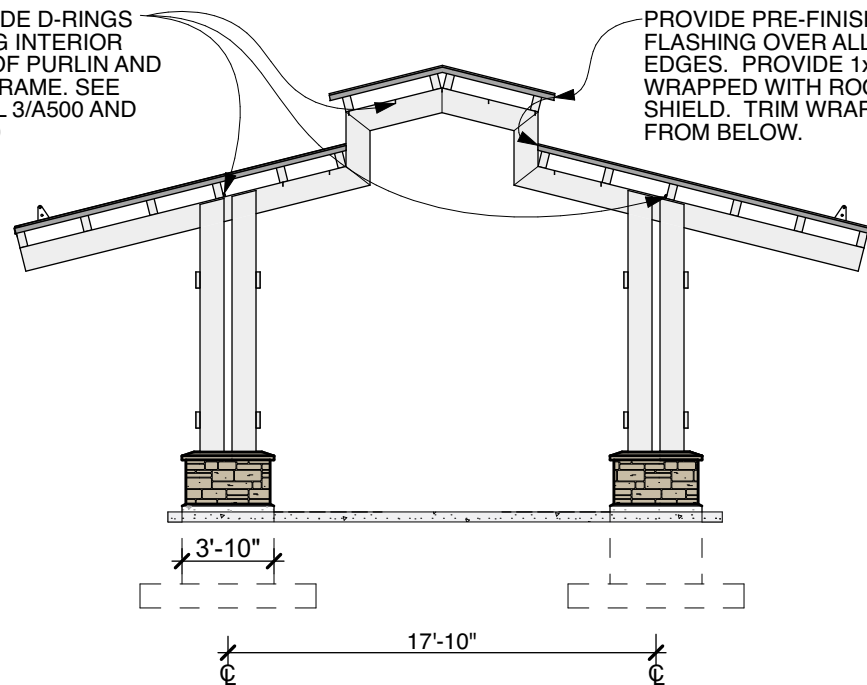


1
A500

Shelter Side Elevation

SCALE: 1/8" = 1'-0"

PROVIDE D-RINGS ALONG INTERIOR SIDE OF PURLIN AND END FRAME. SEE DETAIL 3/A500 AND 4/A500



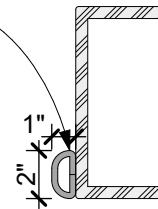
PROVIDE PRE-FINISHED METAL FLASHING OVER ALL EXPOSED ROOF EDGES. PROVIDE 1x WOOD BACKER WRAPPED WITH ROOF ICE AND WATER SHIELD. TRIM WRAP SO NOT SEEN FROM BELOW.

2
A500

Shelter End Elevation

SCALE: 1/8" = 1'-0"

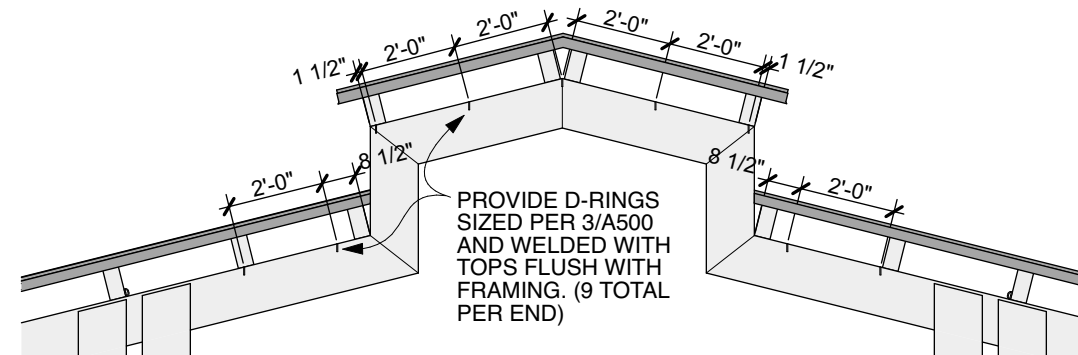
1/4" THICK BENT STEEL D-RING WELDED TO PURLIN (BOTTOMS FLUSH). FIRST AND LAST @ 7'-0" O.C. THE REST @ 24" O.C. (39 TOTAL / PURLIN) FINISH TO MATCH FRAME.



3
A500

Purlin D-Ring Detail

SCALE: 1 1/2" = 1'-0"

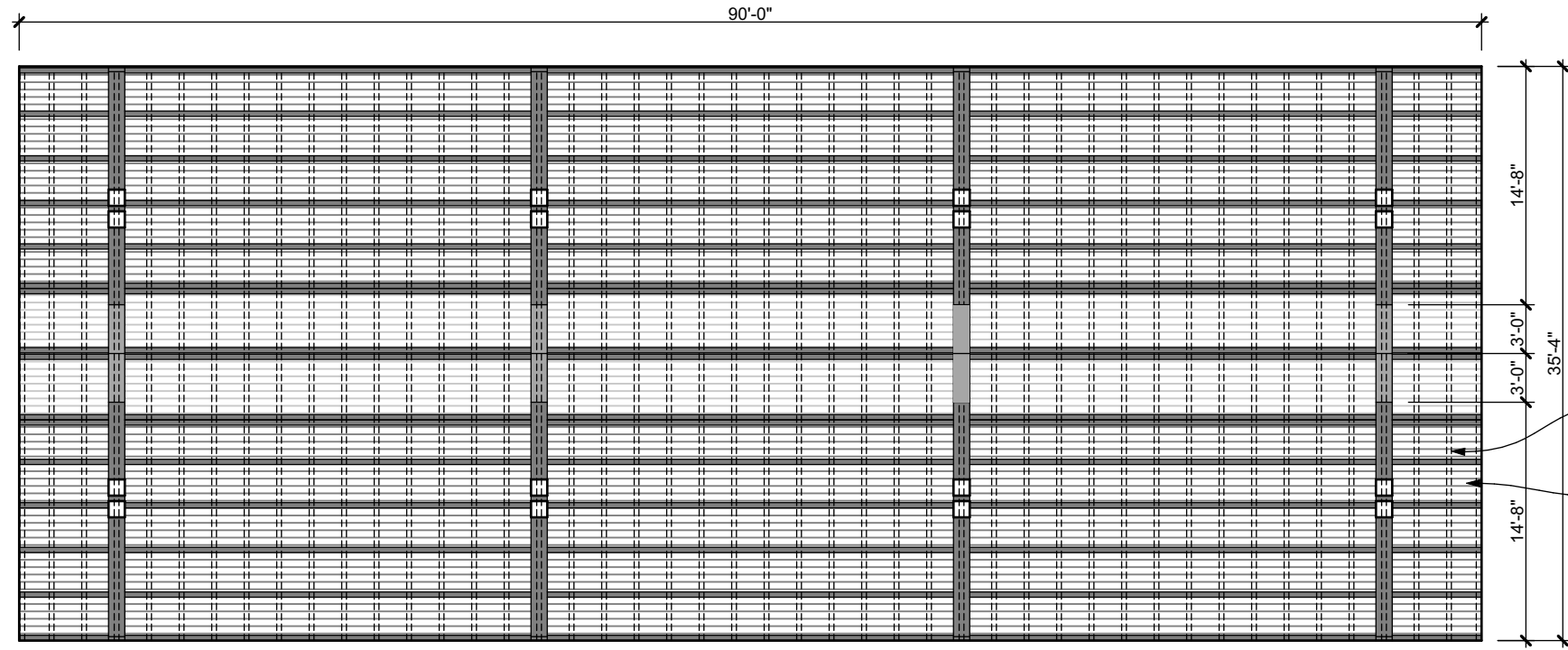


PROVIDE D-RINGS SIZED PER 3/A500 AND WELDED WITH TOPS FLUSH WITH FRAMING. (9 TOTAL PER END)

4
A500

End D-Ring Locations

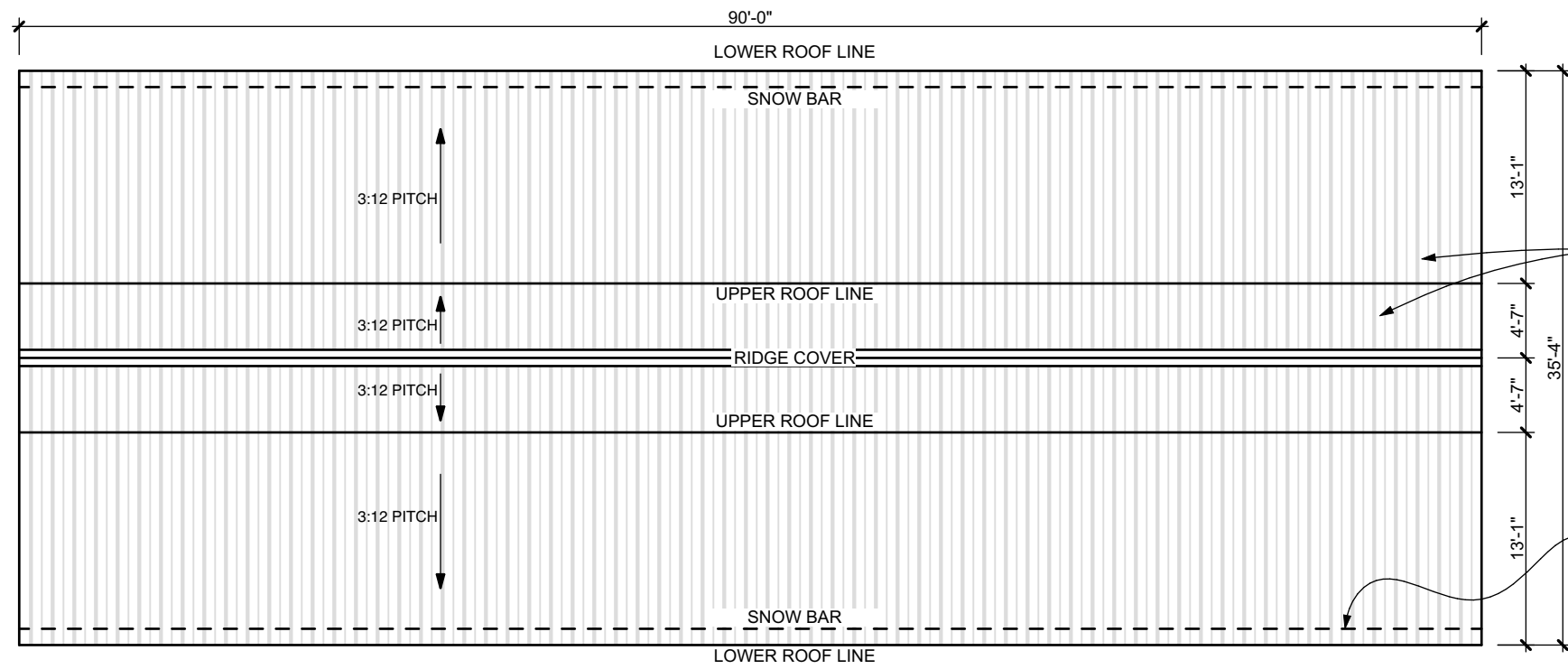
SCALE: 1/4" = 1'-0"



1
A600

Shelter Reflected Ceiling Plan

SCALE: 3/32" = 1'-0"



2
A600

Roof Plan

SCALE: 3/32" = 1'-0"

EXPOSED WOOD CEILING
- SEE DETAIL 1-A403

2x4 NAILER @ 24" O.C. DRILL AND TAP HSS 8x4x1/2 FOR 1/2" DIA BOLTS @ PURLINS. SHOWN DASHED.

1x8 TONGUE AND GROOVE PINE OR SPRUCE SIDING BOARDS. FINISH WITH WOOD PRIMER CONDITIONER AND STAIN SEALER BY SIKKENS.

ADD ALTERNATE #1:
PROVIDE STANDING SEAM METAL ROOF IN LIEU OF EXPOSED FASTENER ROOF.

METAL SALES - PRO PANEL II - 26 GA. GALVANIZED CORRUGATED METAL ROOF (PVDF FINISH) OVER ICE/WATER SHIELD OVER 5/8" CDX PLYWOOD.

ROCKY MOUNTAIN SNOW GUARDS INC. DRIFT II 2-PIPE BOLT DOWN FENCE STYLE SNOW GUARD (POWDER COATED ALUMINUM) - INSTALL PER MANUFACTURERS RECOMMENDATIONS

/Volumes/Project Docs/2017-0033 Waverly So Riverside Park Master Plan/2017-0033 Waverly So Riverside Shelter @ Old Storage Building/1. Drawings/South Riverside Shelter.pln

ELECTRICAL NOTES:

ELECTRICIAN IS SOLELY RESPONSIBLE TO PROVIDE A CODE COMPLIANT PRODUCT AT THE COMPLETION OF THE PROJECT.

ELECTRICIAN TO PROVIDE NEW SERVICE PANEL, UNDERGROUND WIRING, TRANSFORMERS, TIMERS, OUTLETS, AND LIGHTS AS SHOWN. SEE SHEET L106 LANDSCAPE ELECTRICAL PLAN FOR SERVICE PANEL LOCATION AND REQUIRED UNDERGROUND ELECTRICAL SUPPLY RUNS.

NO EXPOSED CONDUIT, RUN CONDUIT THROUGH COLUMNS AS REQUIRED. COORDINATE WITH OTHER TRADES FOR REQUIRED CUTS AND RUNS.

ALL ELECTRICAL ELEMENTS WILL NEED TO BE WEATHER PROOF.

OUTLETS INDICATED AT +168" ABOVE GRADE WILL BE SWITCHED CONTROLLED FROM THE SWITCH/DUPLEX OUTLET BELOW

LED STRIP LIGHTS TO INCLUDE TRANSFORMER AND TIMER @ UPPER OUTLET POWER SUPPLY AND NOT POWERED BY LANDSCAPE TRANSFORMER. (SEE DETAIL 1/A402 FOR ADDITIONAL INFORMATION)

PRODUCTS:

LED STRIP LIGHT:
SOLIDAPOLLO.COM DRIVERLESS RGB LED STRIP LIGHT 120V AC (SKU: SA-DLS-RBB) OR APPROVED EQUAL

STRIP LIGHT CHANNEL:
SOLIDAPOLLO.COM ALUMINUM CHANNEL FOR RGB DRIVERLESS LED STRIP (SKU: SA-DLS-RGB-CHANNEL-39IN) OR APPROVED EQUAL


TIMER:
WEATHERPROOF DIGITAL TIMER WITH BATTERY BACKUP / DUSK TO DAWN TIMER BASED ON DATE AND LOCATION.

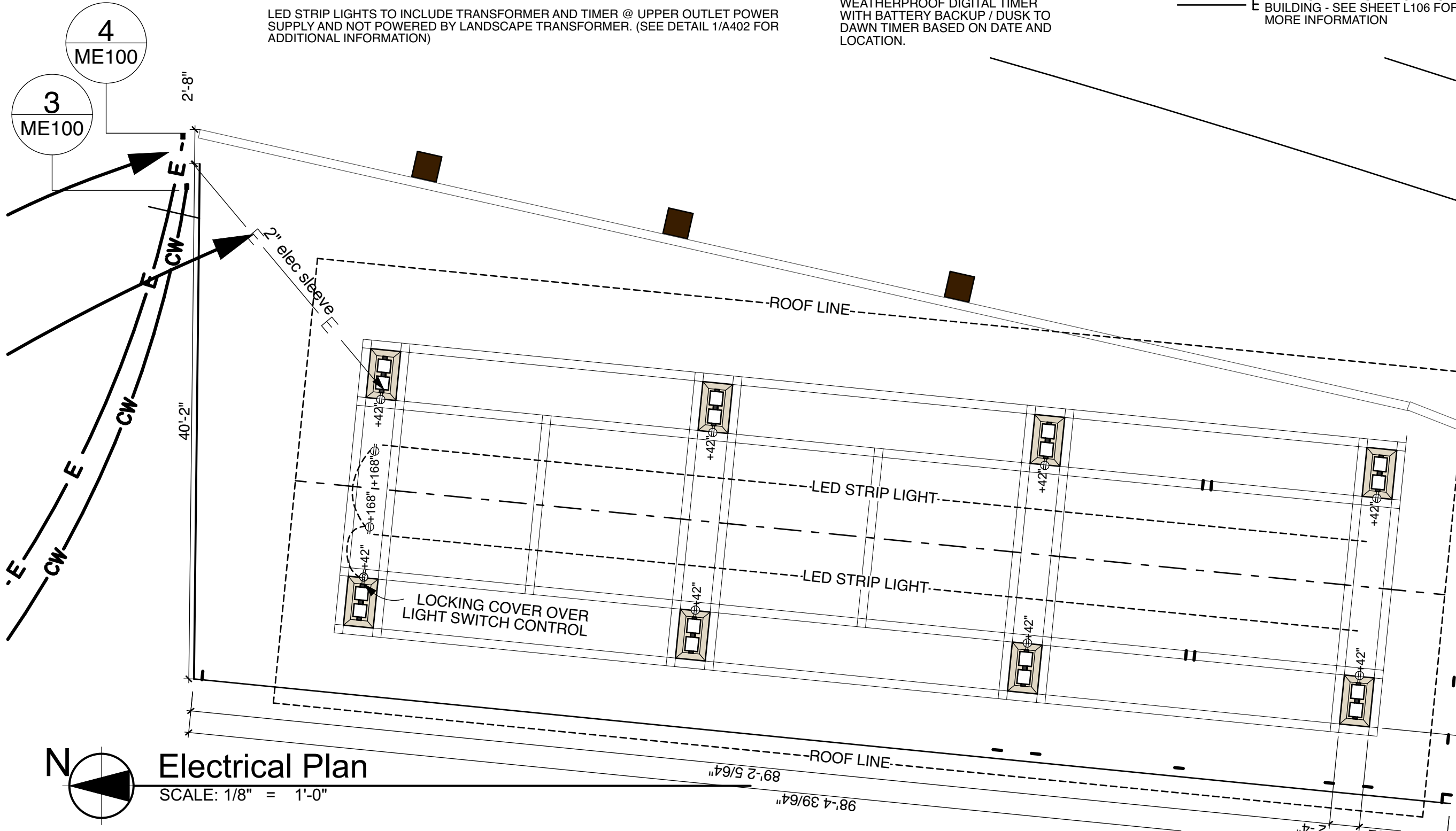
LEGEND:

 WEATHER PROTECTED SWITCH / SINGLE OUTLET @INDICATED HEIGHT

 WEATHER PROTECTED DUPLEX OUTLET @INDICATED HEIGHT

 LED STRIP LIGHT LOCATION AS INDICATED

 MAIN POWER FROM EXCHANGE BUILDING - SEE SHEET L106 FOR MORE INFORMATION



Electrical Plan

SCALE: 1/8" = 1'-0"

South Riverside Park and Shelter 2020

300 Block - 1st Street SW
Waverly, IA 50677

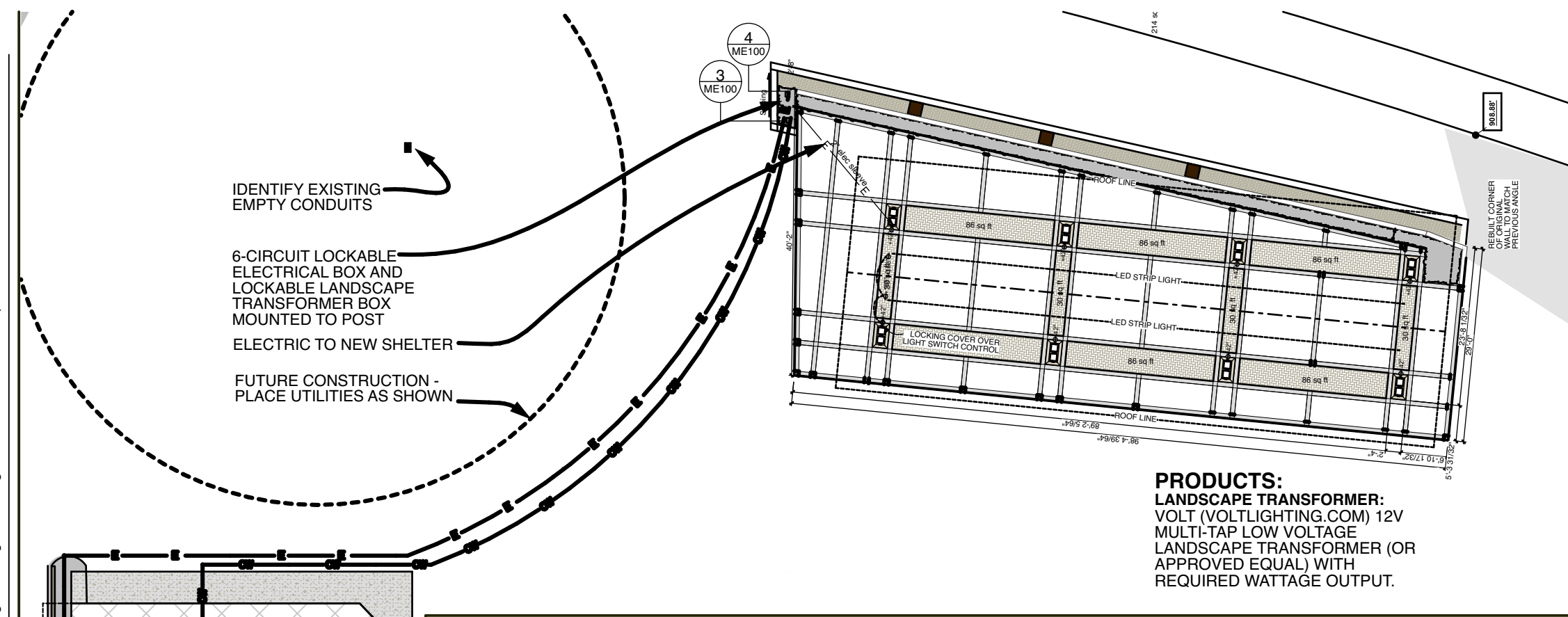
Project No.
2017-0033

A800

DECEMBER 21, 2020

327 East Fourth Street
Suite 204
Waterloo, Iowa 50703
Ph.: 319-233-1163
www.alignplc.com
Copyright 2020

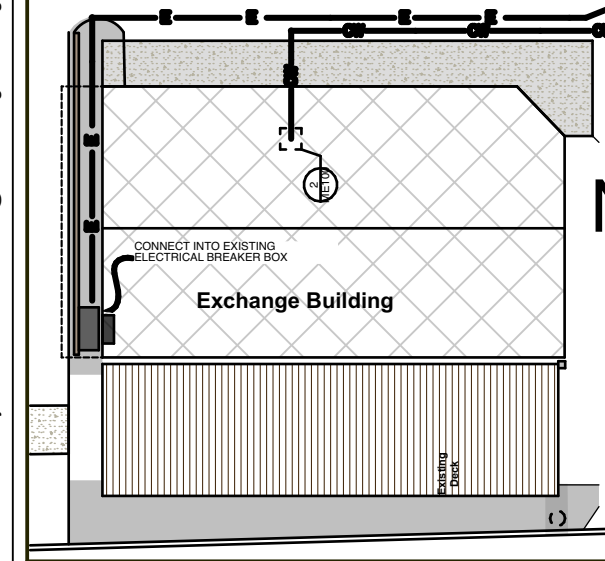
align
architecture & planning



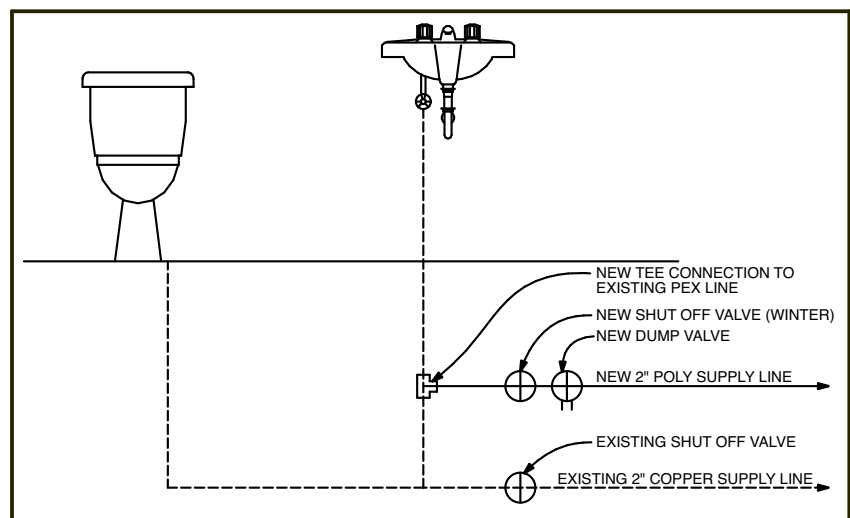
LEGEND:
 - - - - - 12V LOW VOLTAGE WIRING
 — CW — COLD WATER LINE FROM EXCHANGE BUILDING
 — E — MAIN POWER FROM EXCHANGE BUILDING

UTILITY NOTES:
 ELECTRICIAN AND PLUMBER ARE SOLELY RESPONSIBLE TO PROVIDE A CODE COMPLIANT PRODUCT AT THE COMPLETION OF THE PROJECT.
 ELECTRICIAN TO PROVIDE NEW SERVICE PANEL, UNDERGROUND WIRING, TRANSFORMERS, TIMERS, AND LIGHTS AS SHOWN.
 NO EXPOSED CONDUIT WHERE POSSIBLE. COORDINATE WITH OTHER TRADES FOR REQUIRED CUTS AND RUNS.
 ALL ELECTRICAL ELEMENTS WILL NEED TO BE WEATHER PROOF.
 CONNECT NEW POWER TO EXISTING EXCHANGE BUILDING ELECTRICAL BOX
 CONNECT NEW HOSE BIB TO EXISTING EXCHANGE BUILDING PLUMBING WITH ADDITIONAL SHUT OFF

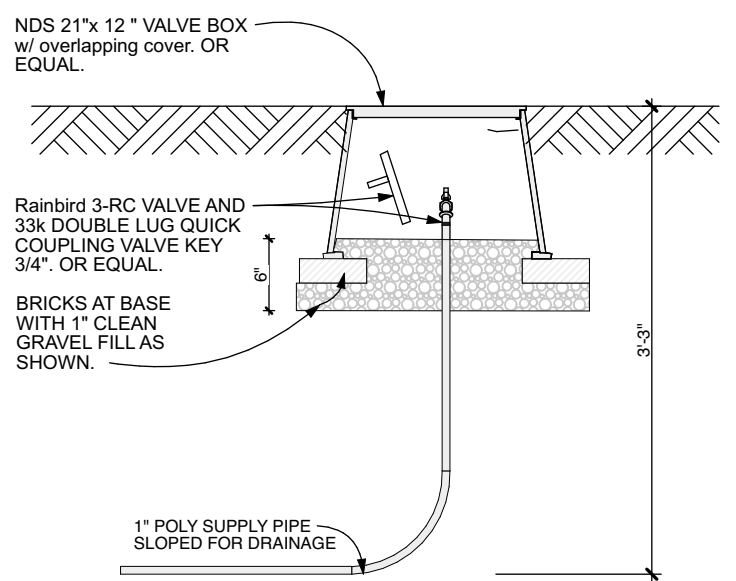
PRODUCTS:
LANDSCAPE TRANSFORMER:
 VOLT (VOLTLIGHTING.COM) 12V MULTI-TAP LOW VOLTAGE LANDSCAPE TRANSFORMER (OR APPROVED EQUAL) WITH REQUIRED WATTAGE OUTPUT.



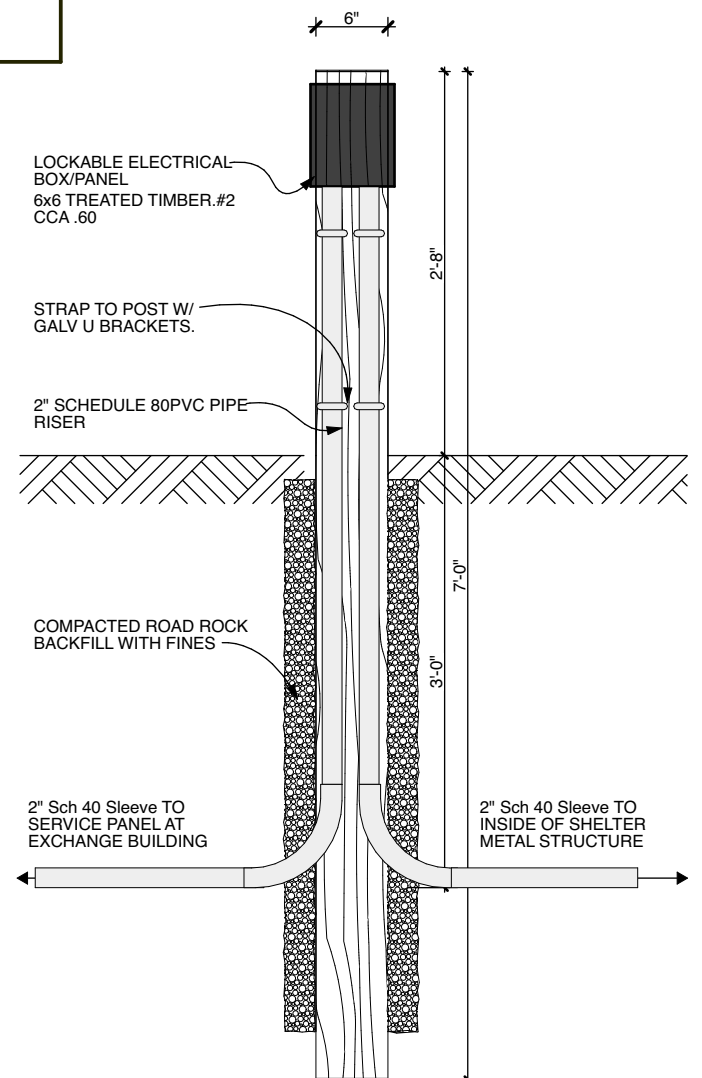
Landscape Electrical Plan
 SCALE: 1" = 20'



2 Exchange Bldg. Connection
 SCALE: 3/8" = 1'-0"



3 Water Valve Box
 SCALE: 3/4" = 1'-0"



4 Electrical Riser
 SCALE: 3/4" = 1'-0"