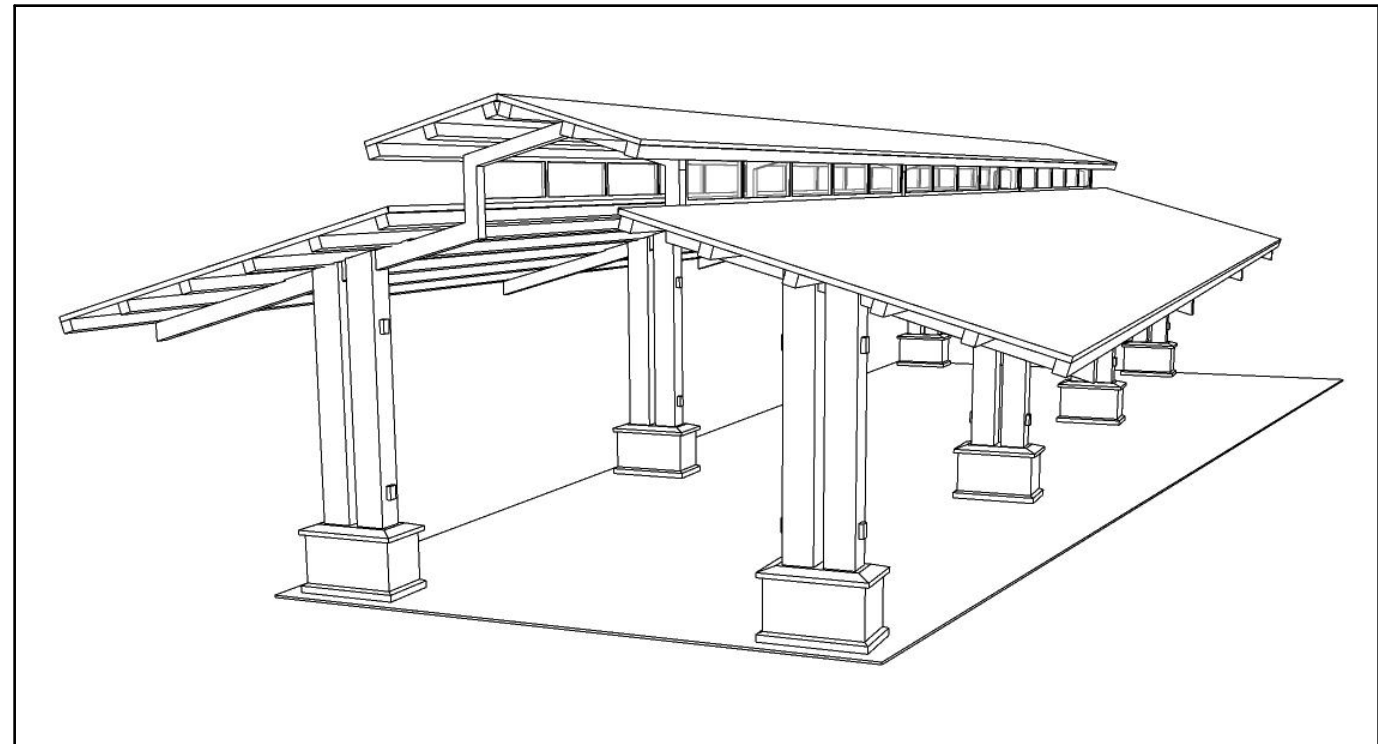


Location Map



Perspective



Sheet Index

| | | | |
|------|------------------------------------|------|-------------------------|
| AT | SITE MAP / PERSPECTIVE / INDEX | L100 | SITE PAVING PLAN |
| ASD | SITE DEMO PLAN | L101 | SHELTER PAVING PLAN |
| AS1 | SITE PLAN (NORTH) | L102 | SHELTER PAVING SECTIONS |
| AS2 | SITE PLAN (SOUTH) | L103 | PLAZA POST DETAILS |
| A100 | SHELTER FLOOR PLAN | L104 | PLAZA SEAT WALL DETAIL |
| A400 | SHELTER SECTION | L105 | PLAZA DETAILS |
| A401 | SHELTER COLUMN DETAILS | L106 | PLAZA UTILITY PLAN |
| A402 | SHELTER WINDOW DETAILS | L107 | PLANTING PLAN NORTH |
| A403 | SHELTER ROOF DETAILS | L108 | PLANTING PLAN SOUTH |
| A404 | ALTERNATE CURTAIN SIDE WALL DETAIL | L109 | PARK DETAILS |
| A405 | ALTERNATE CURTAIN END WALL DETAIL | | |
| A500 | SHELTER ELEVATIONS | | |
| A600 | SHELTER REFLECTED CEILING PLAN | | |
| A700 | SHELTER ROOF PLAN | | |
| A800 | SHELTER ELECTRICAL PLAN | | |

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

RANDELL E. BISHOP

Randall E. Bishop
Signature

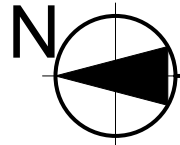
Discipline: Professional Engineer
Iowa Registration No.: 10468
Pages of Sheets covered by this seal: A100,A400,A401
Date of Issuance: September 9, 2020

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

LARRY R. KURTZ

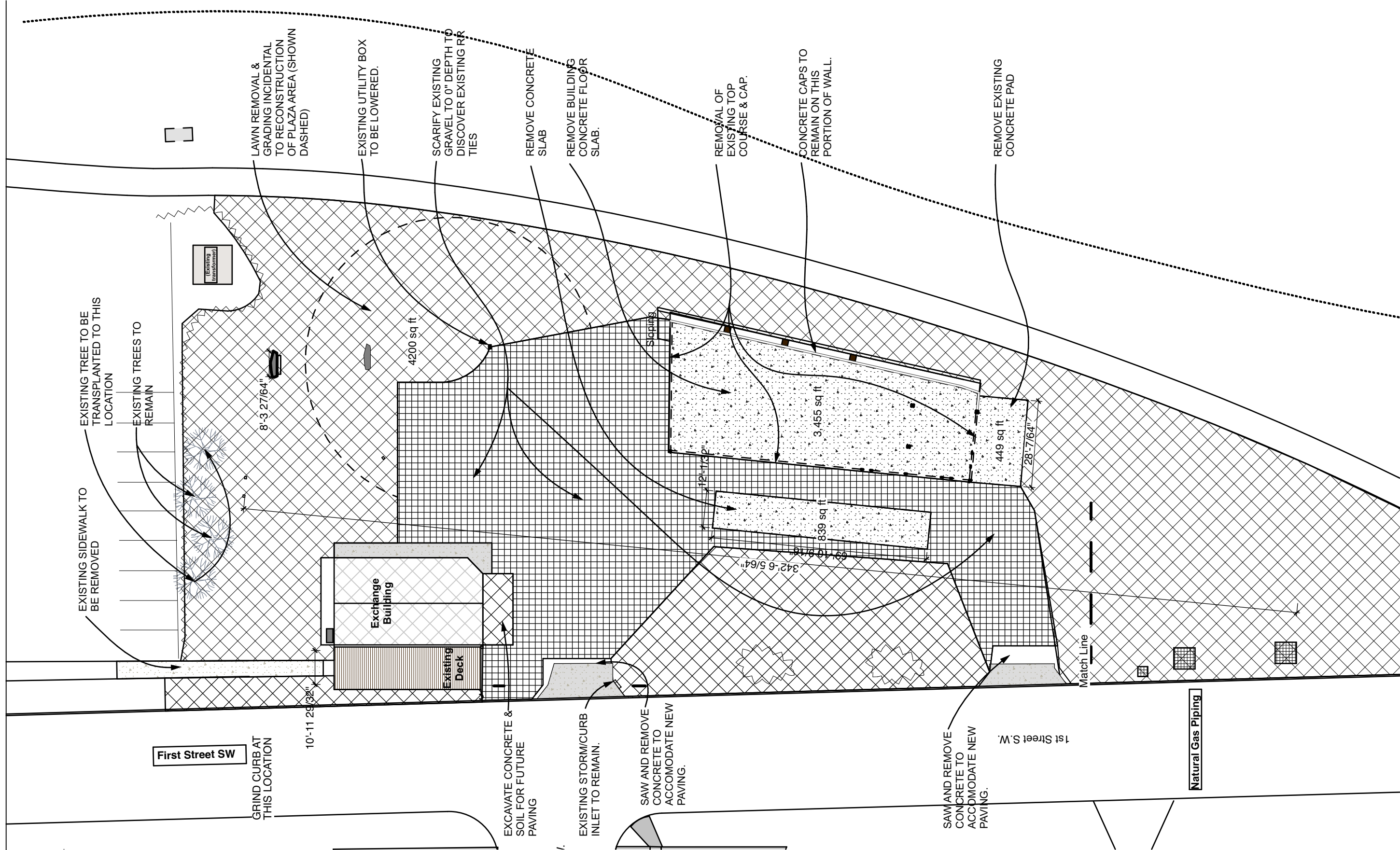
Larry R. Kurtz
Signature

Discipline: Landscape Architect
Iowa Registration No.: 302
Pages of Sheets covered by this seal: A & L Documents
Date of Issuance: September 9, 2020



Site Demo Plan

SCALE: 1" = 30'



South Riverside Park and Shelter 2020

300 Block - 1st Street SW
Waverly, IA 50677

327 East Fourth Street
Suite 204
Waterloo, Iowa 50703

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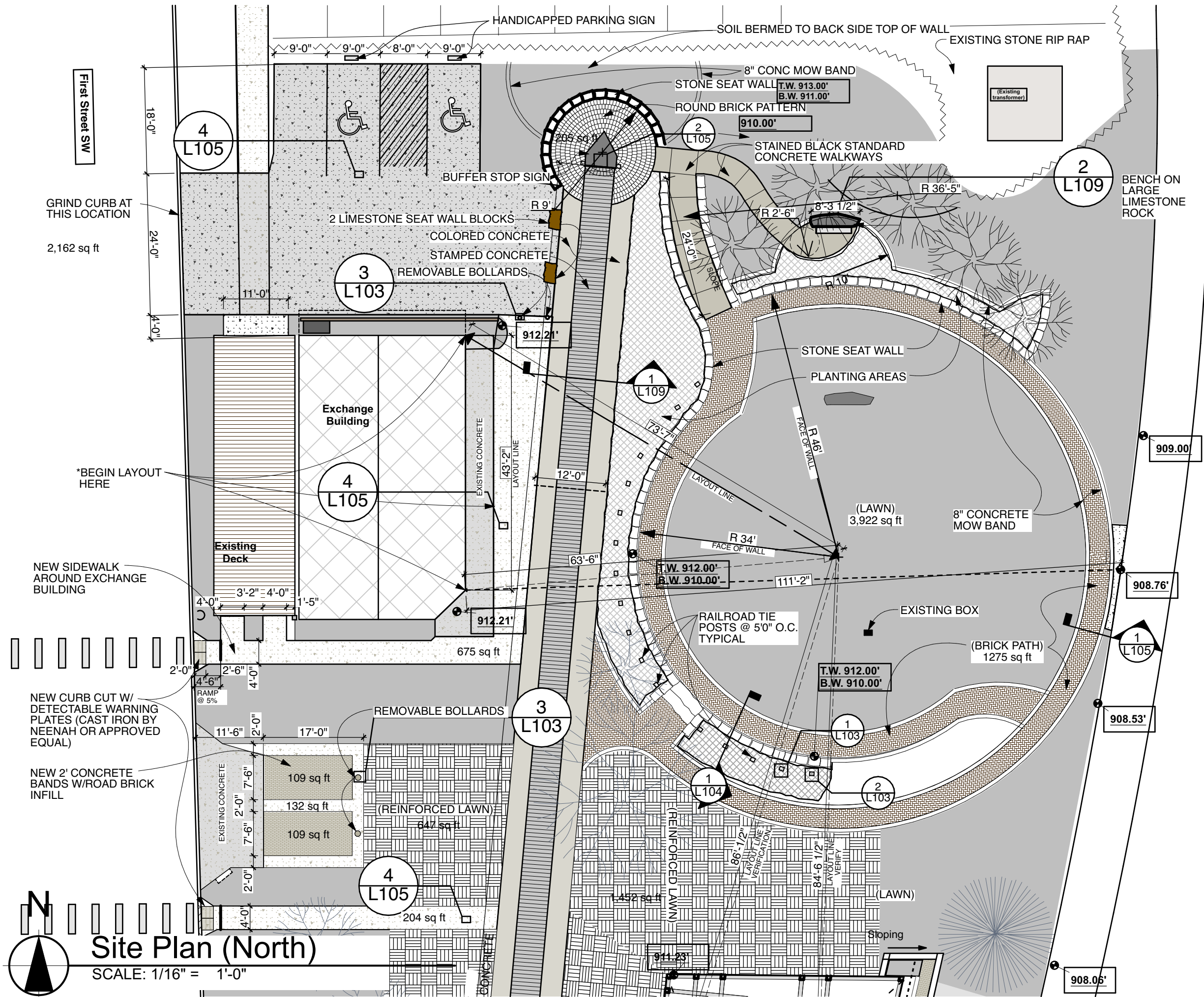
align

architecture & planning

Project No.
2017-0033

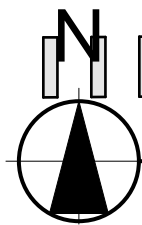
ASD

SEPTEMBER 9, 2020



Site Plan (North)

SCALE: 1/16" = 1'-0"



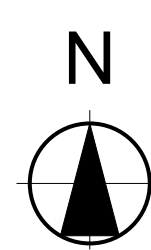
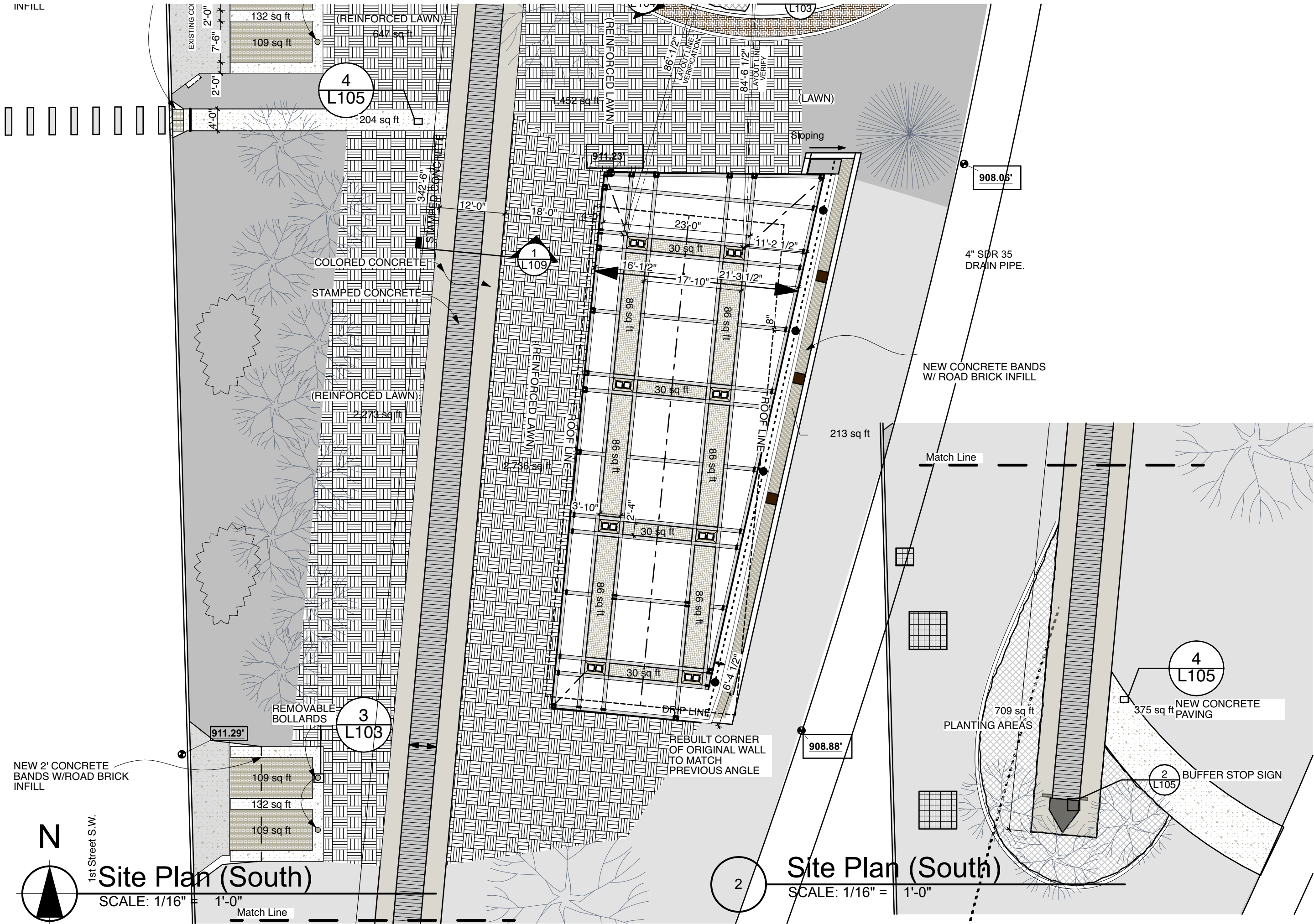
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Waverly, IA 50677

Project No.
2017-0033
AS1

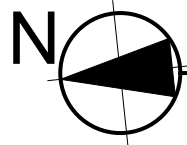
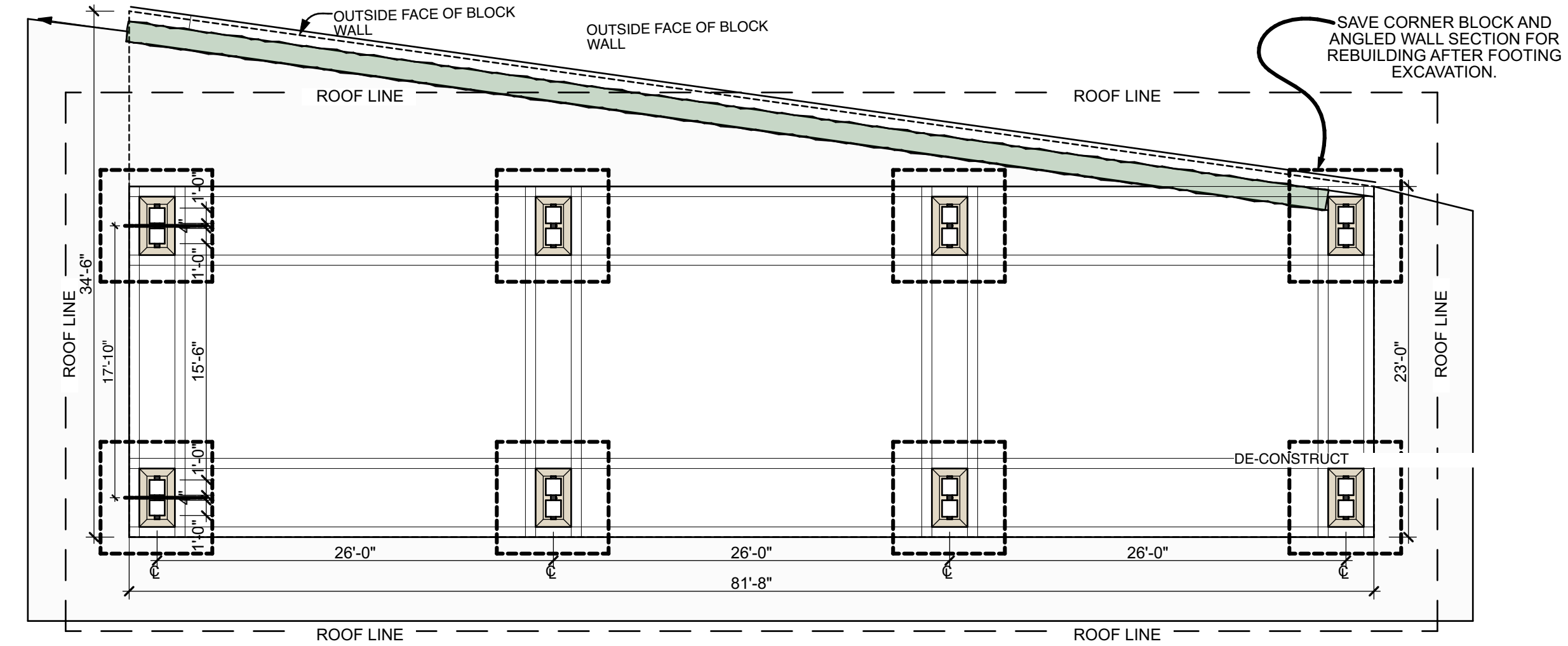
SEPTEMBER 9, 2020

INFILL



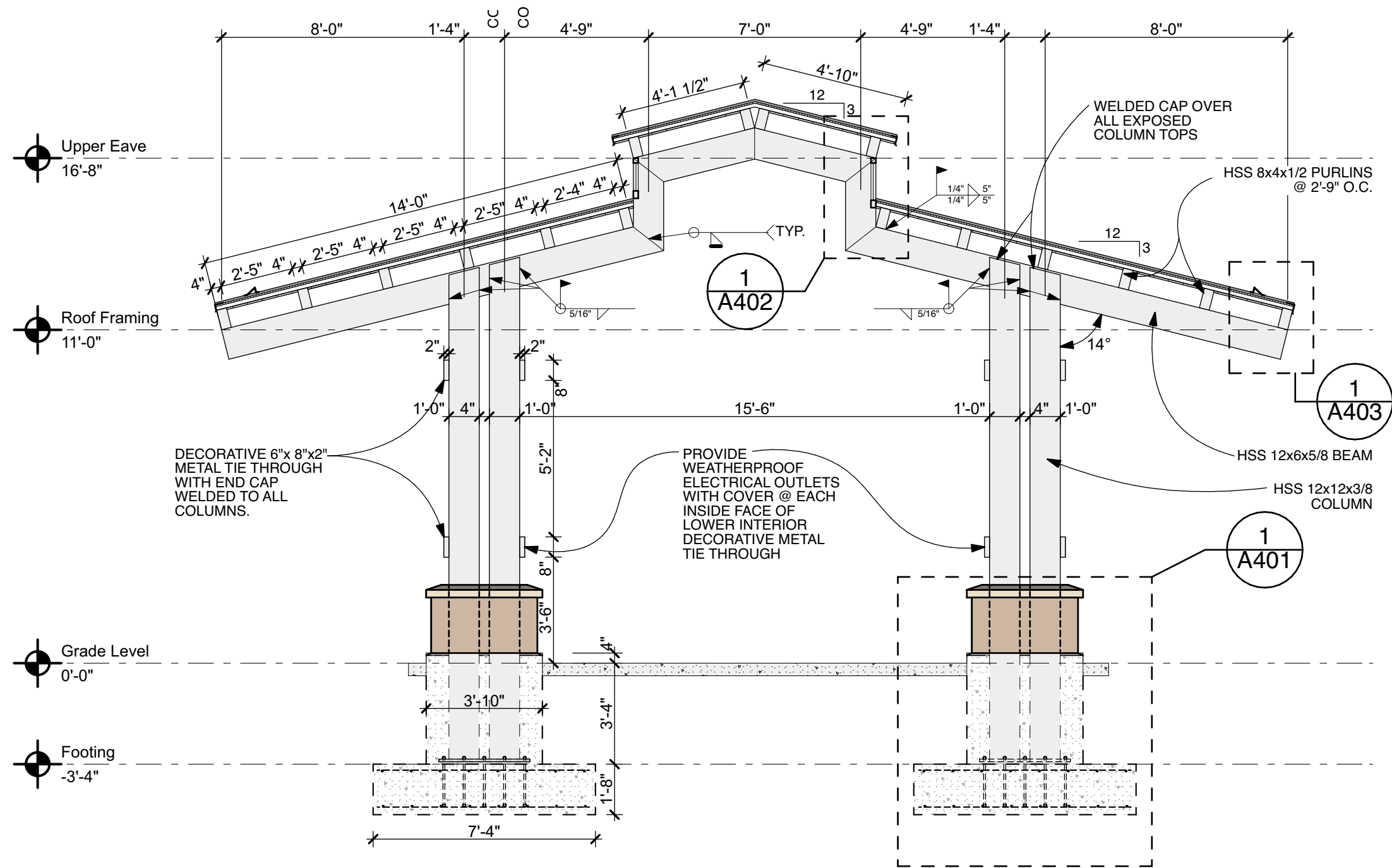
1st Street S.W.
Site Plan (South)
 SCALE: 1/16" = 1'-0"

Site Plan (South)
 SCALE: 1/16" = 1'-0"

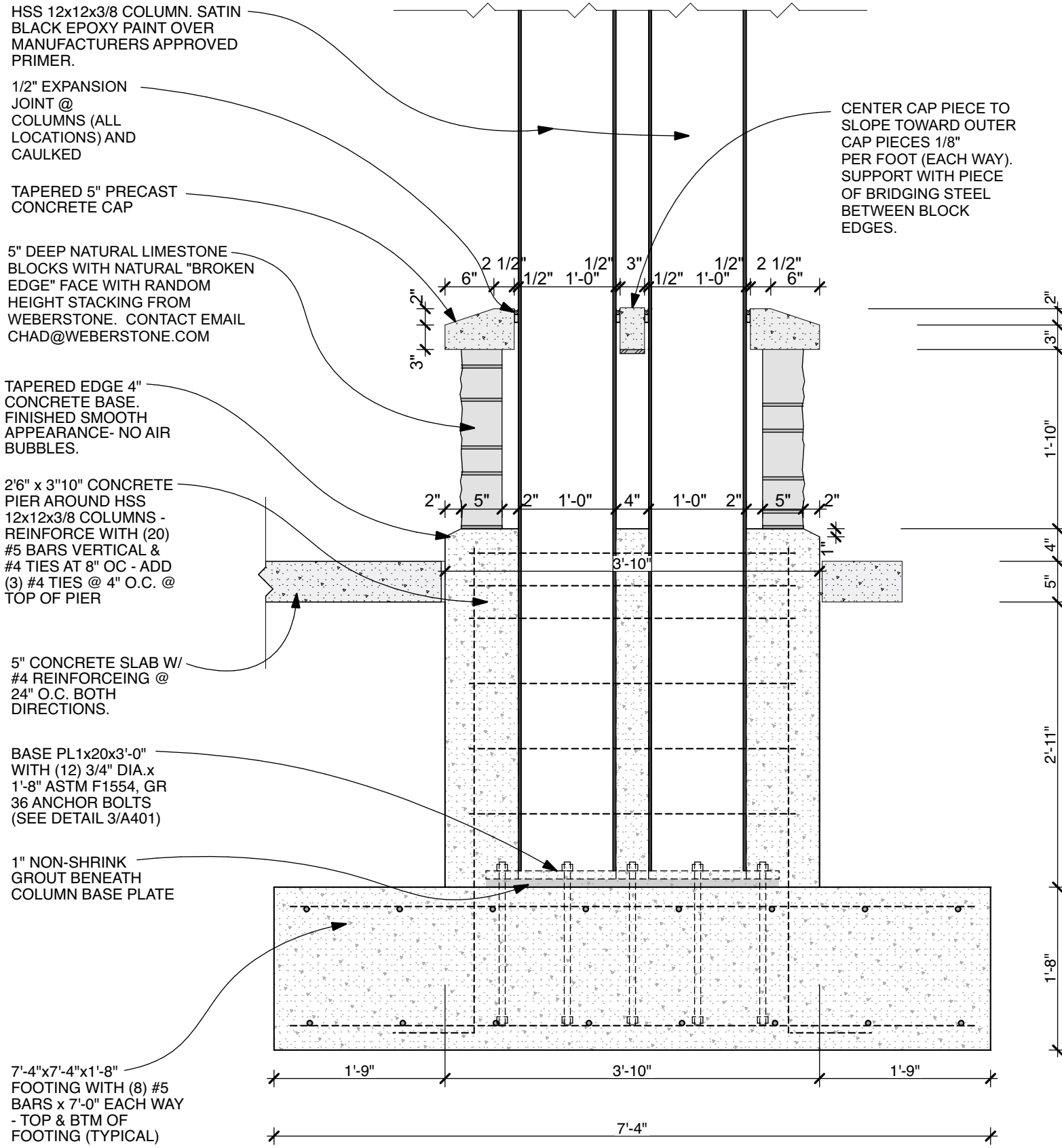


Shelter Slab / Column Spacing

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



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



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

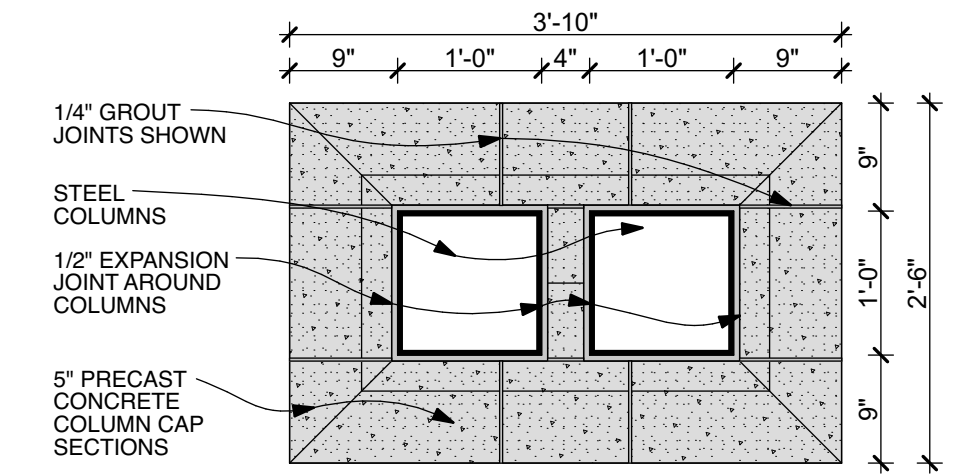
5" CONCRETE SLAB W/ #4 REINFORCING @ 24" O.C. BOTH DIRECTIONS.

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.



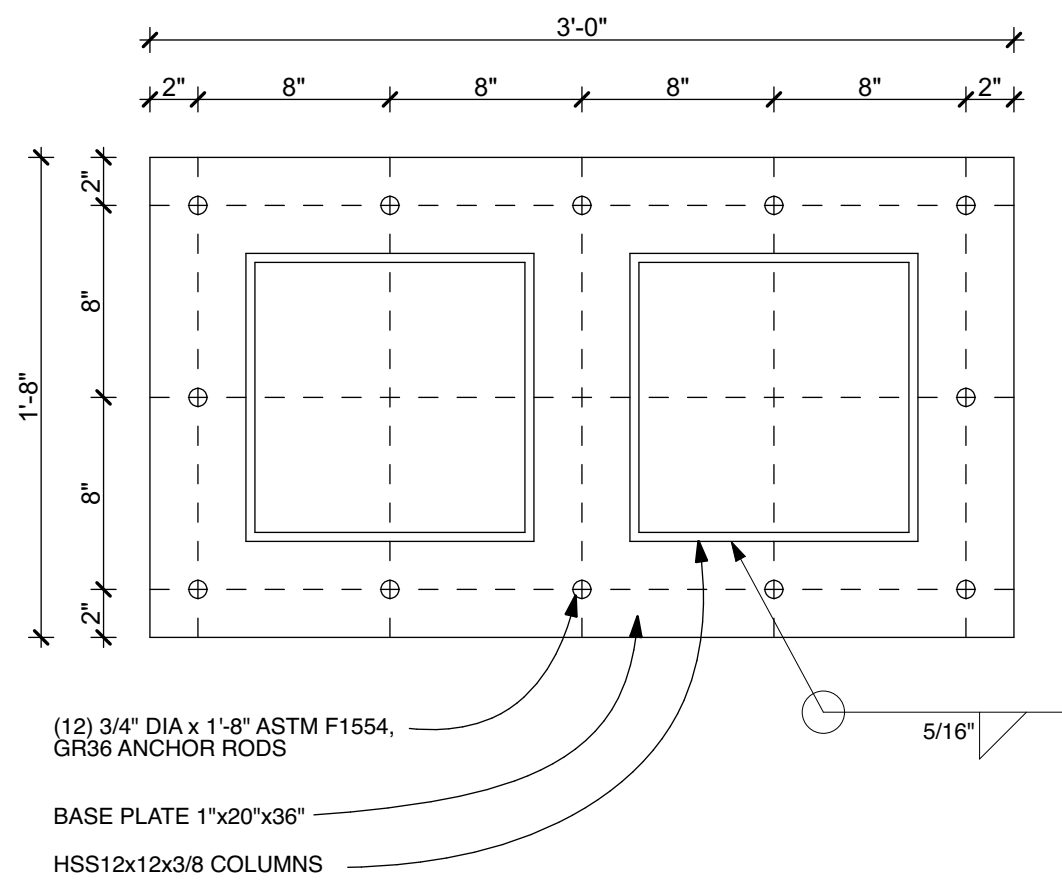
1/4" GROUT JOINTS SHOWN

STEEL COLUMNS

1/2" EXPANSION JOINT AROUND COLUMNS

5" PRECAST CONCRETE COLUMN CAP SECTIONS

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



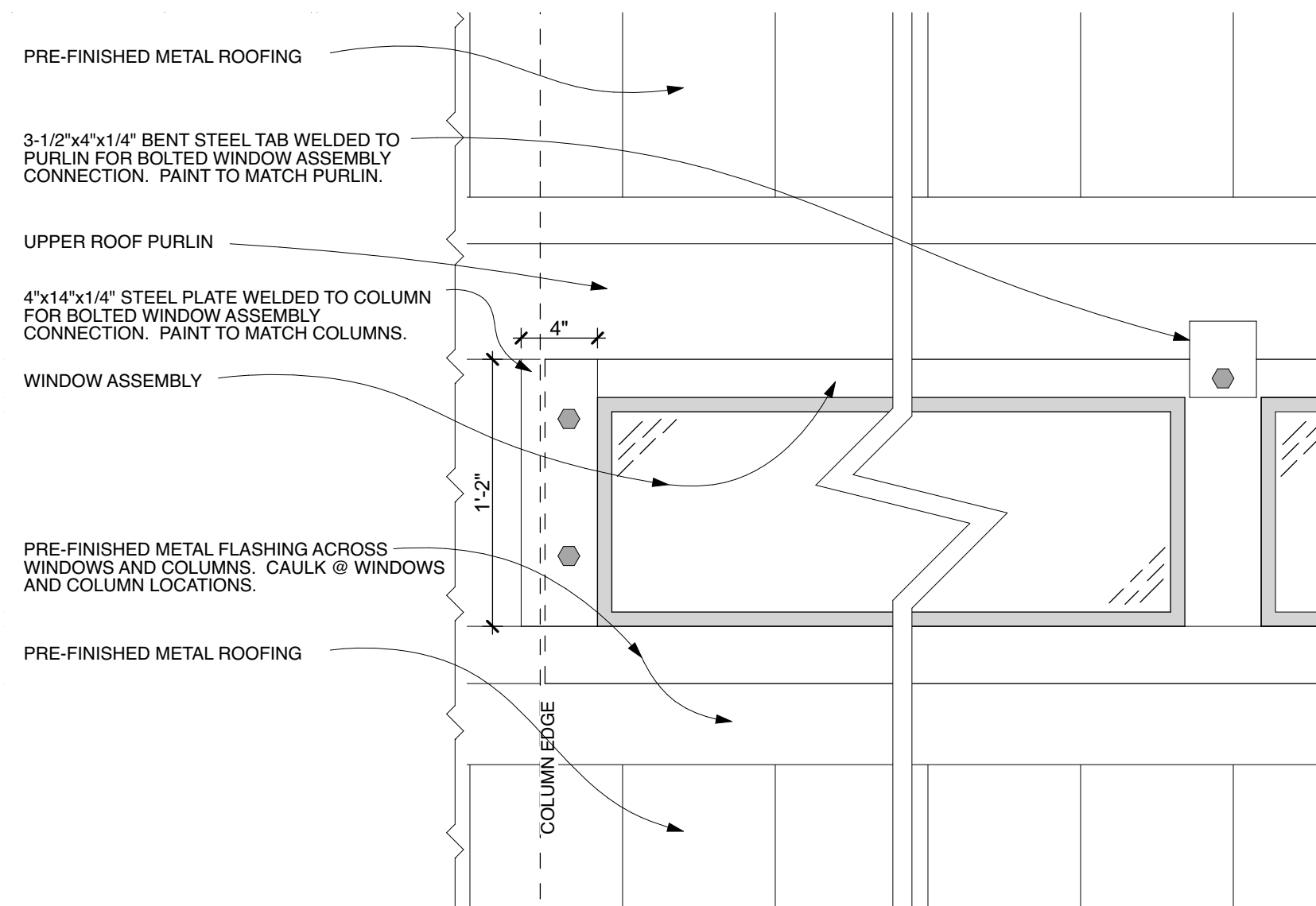
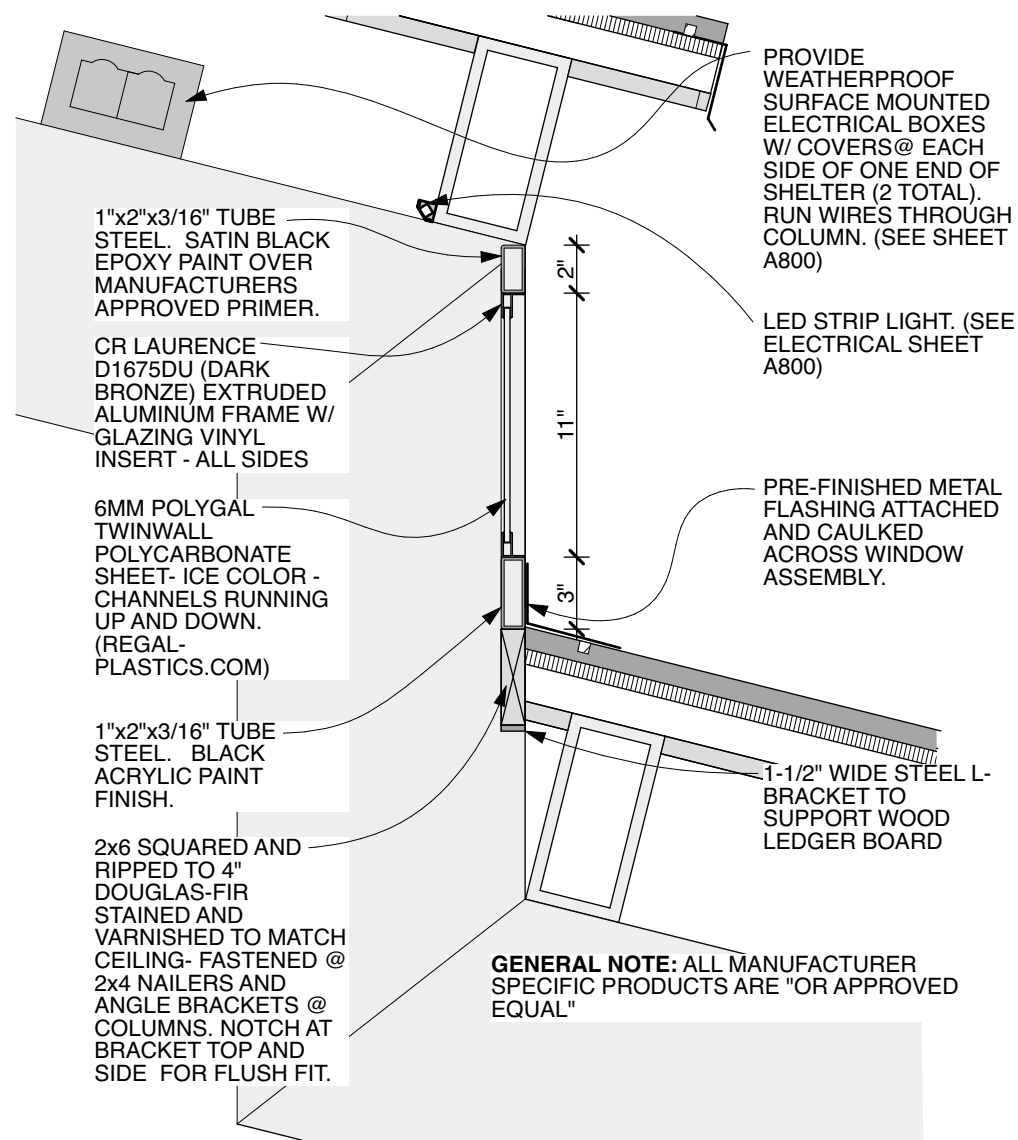
(12) 3/4" DIA x 1'-8" ASTM F1554, GR36 ANCHOR RODS

BASE PLATE 1"x20"x36"

HSS12x12x3/8 COLUMNS

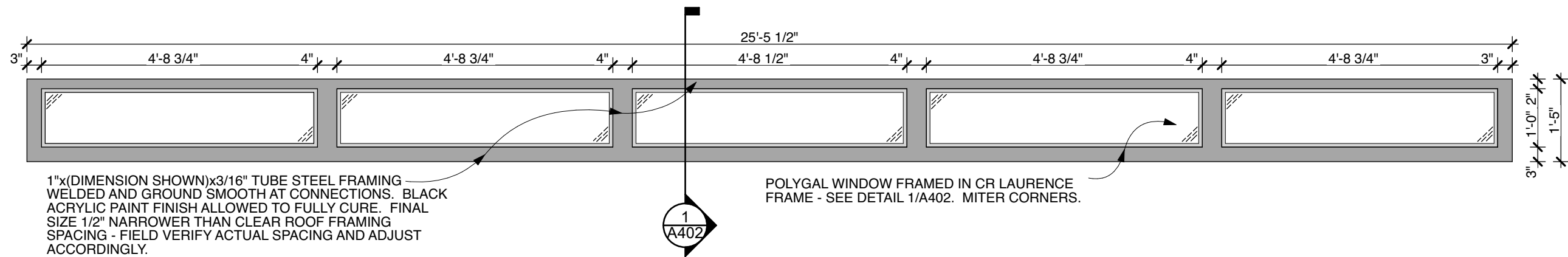
3
A401
Column Base Plate Detail
SCALE: 1 1/2" = 1'-0"

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

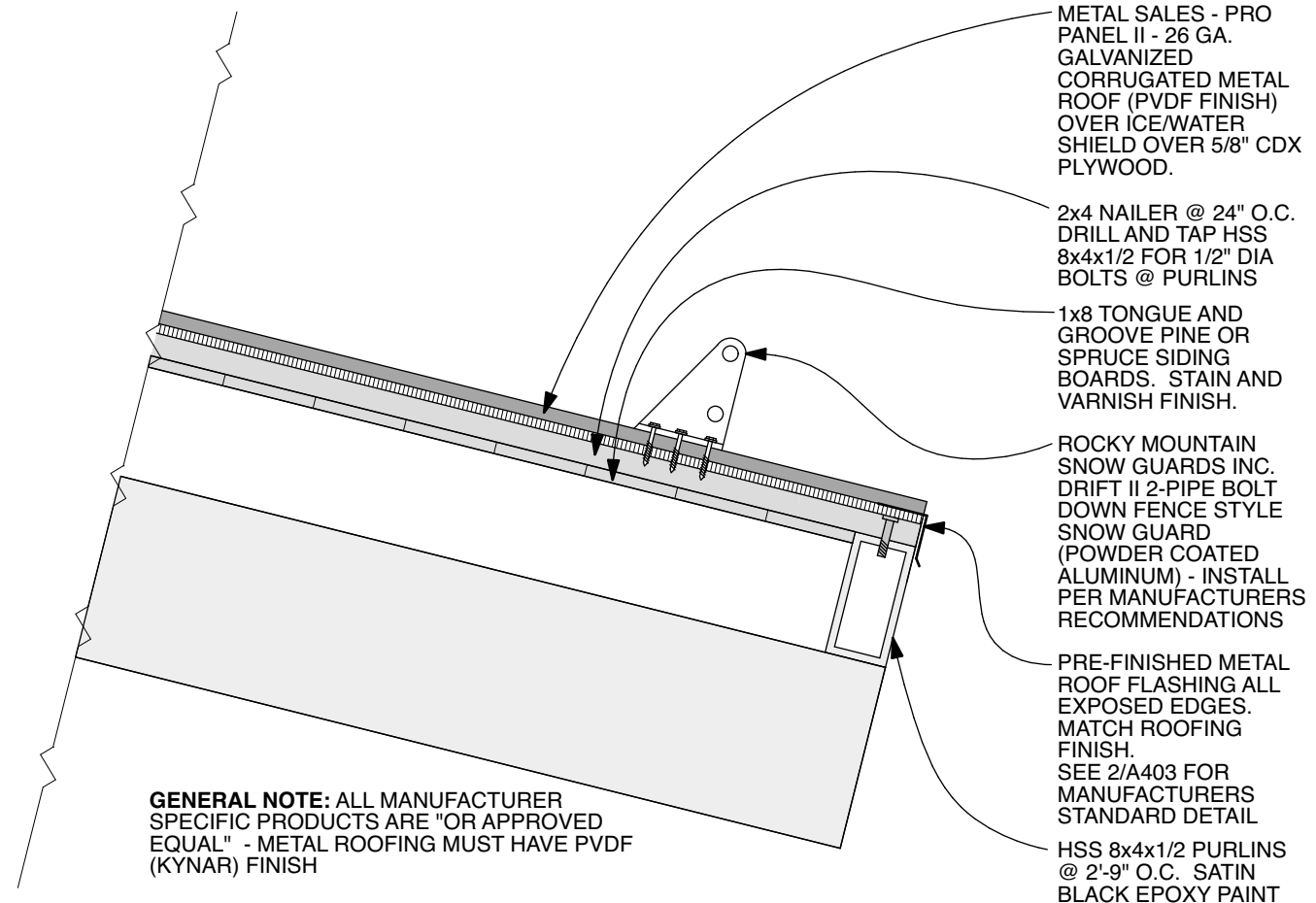


1 Window Section
A402 SCALE: 1 1/2" = 1'-0"

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

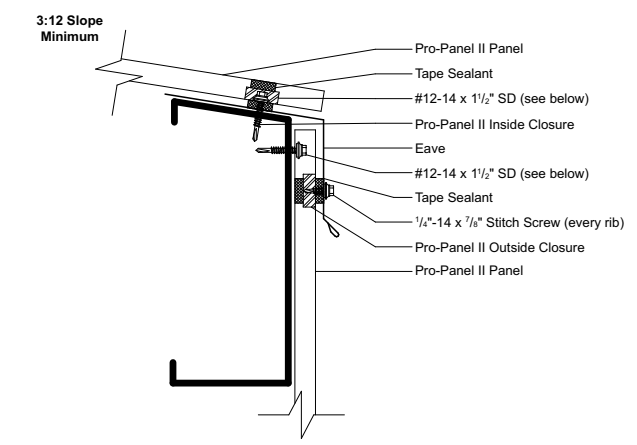


2 Window (x6)
A402 SCALE: 1/2" = 1'-0"

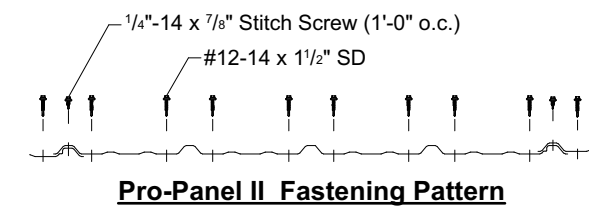


GENERAL NOTE: ALL MANUFACTURER SPECIFIC PRODUCTS ARE "OR APPROVED EQUAL" - METAL ROOFING MUST HAVE PVDF (KYNAR) FINISH

1
A403
Roof Edge Detail
SCALE: 1" = 1'-0"

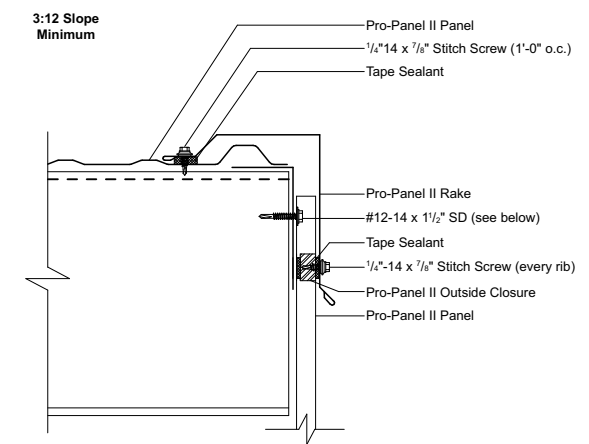


2
A403
Standard Eave Detail
SCALE: 6" = 1'-0"

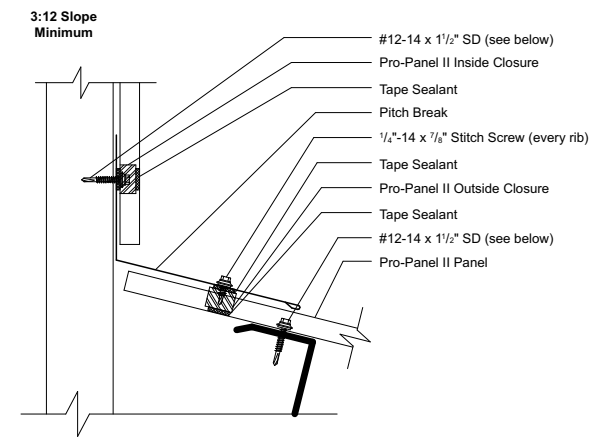


GENERAL NOTE: DETAILS 2 THROUGH 6 ON SHEET A403 ARE STANDARD MANUFACTURERS DETAILS AND ARE NOT SPECIFIC TO THIS PROJECT. THESE DETAILS ARE FOR REFERENCE ONLY TO SHOW INTENDED INSTALLATION AND ACCESSORIES FROM THE MANUFACTURER TO INSTALL PROPERLY. VERIFY DETAILS ARE UP TO DATE OR IF ANOTHER MANUFACTURER IS USED OTHER THAN CALLED OUT FOR IN DETAILS.

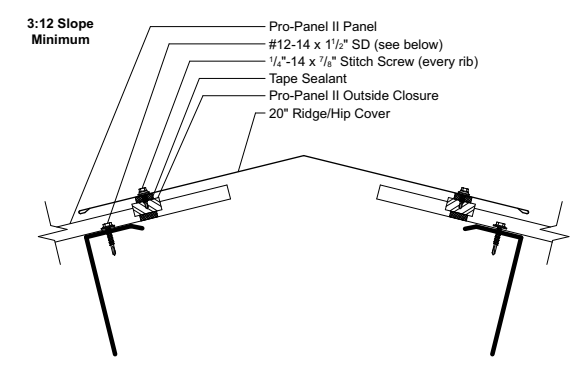
3
A403
Standard Fastener Pattern
SCALE: 1" = 1'-0"



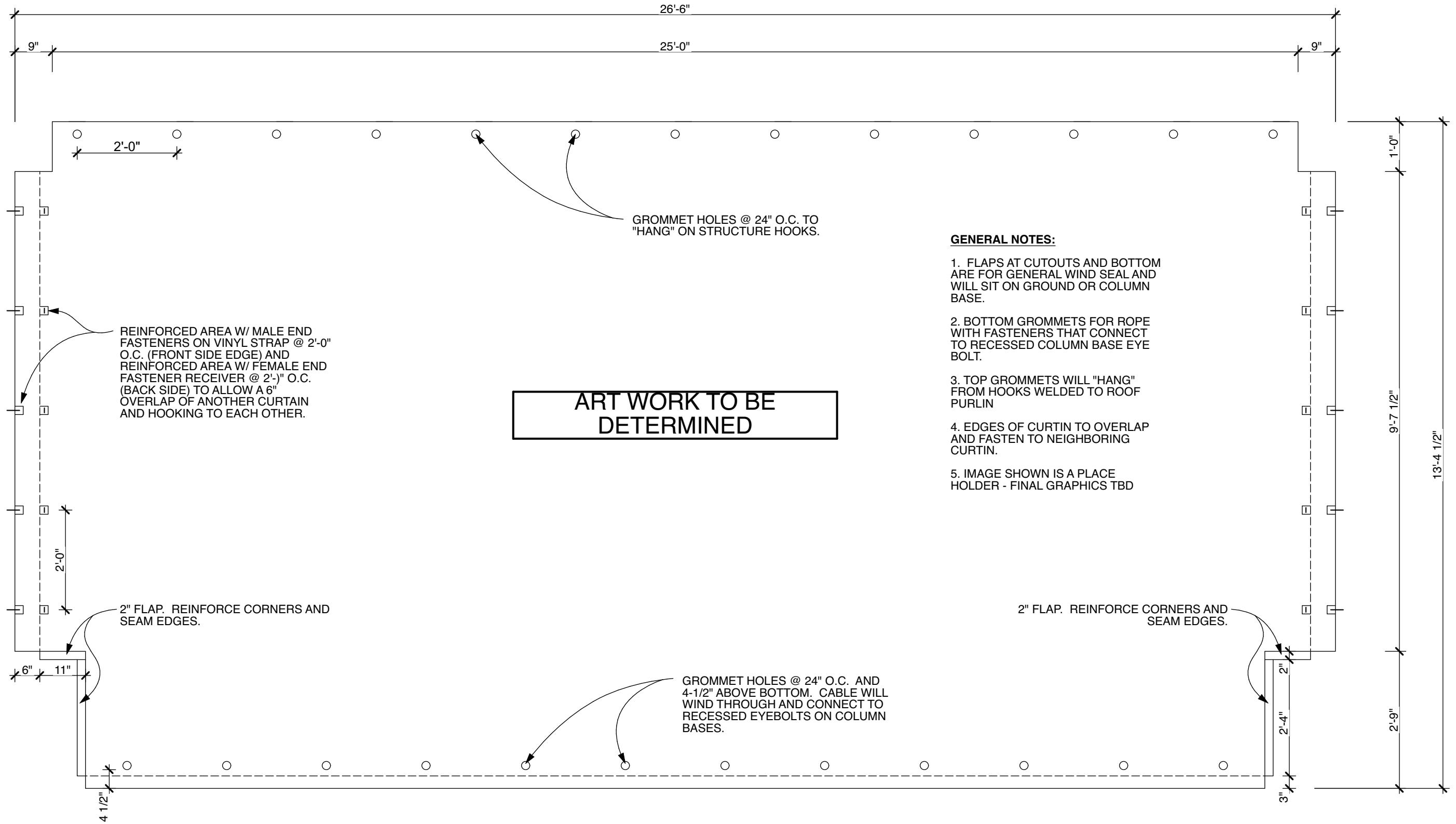
4
A403
Standard Rake Detail
SCALE: 6" = 1'-0"



5
A403
Standard Endwall Detail
SCALE: 6" = 1'-0"



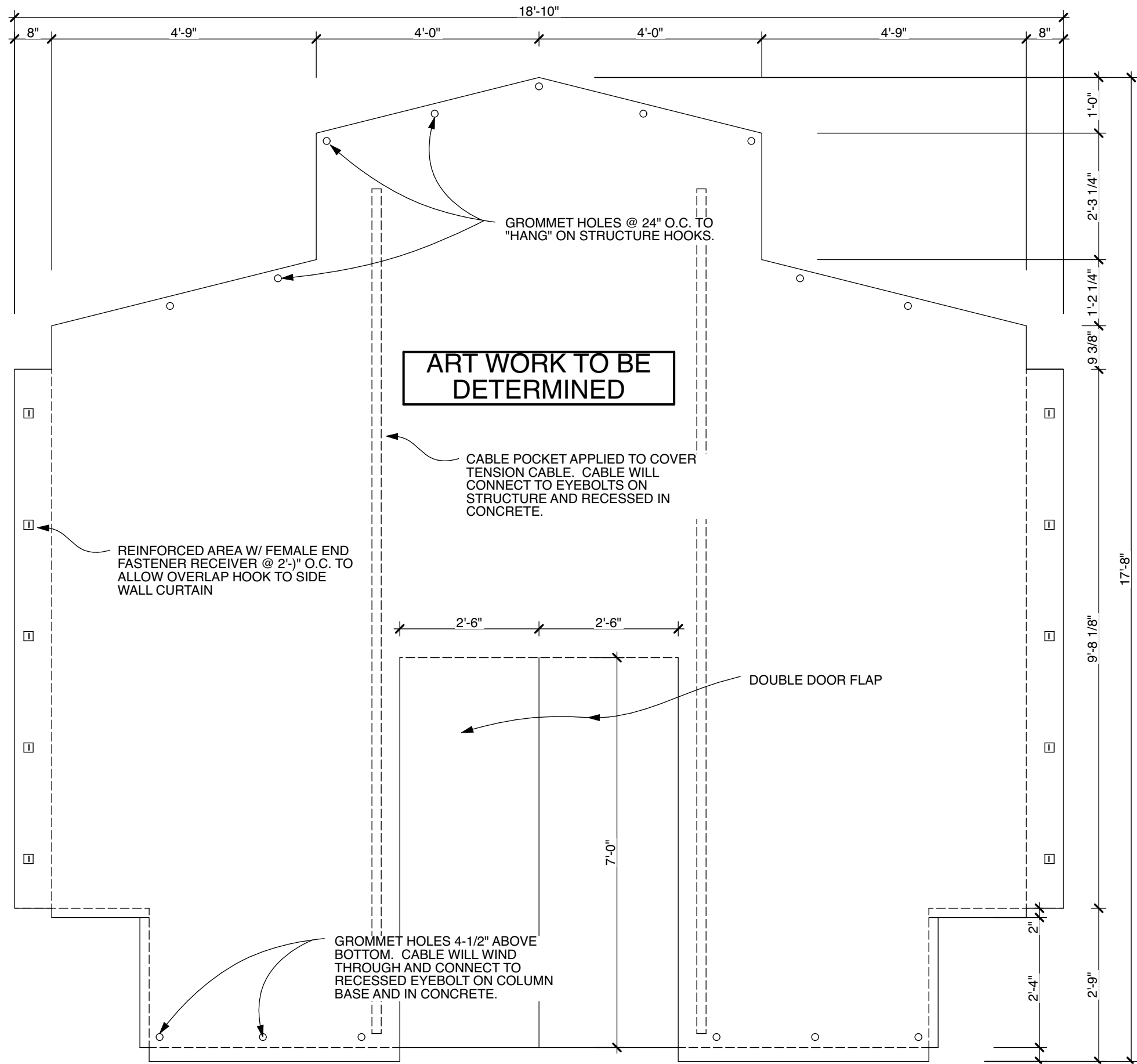
6
A403
Standard Ridge Detail
SCALE: 6" = 1'-0"



1
A404

ALTERNATE Side Curtian Detail (6 Required)

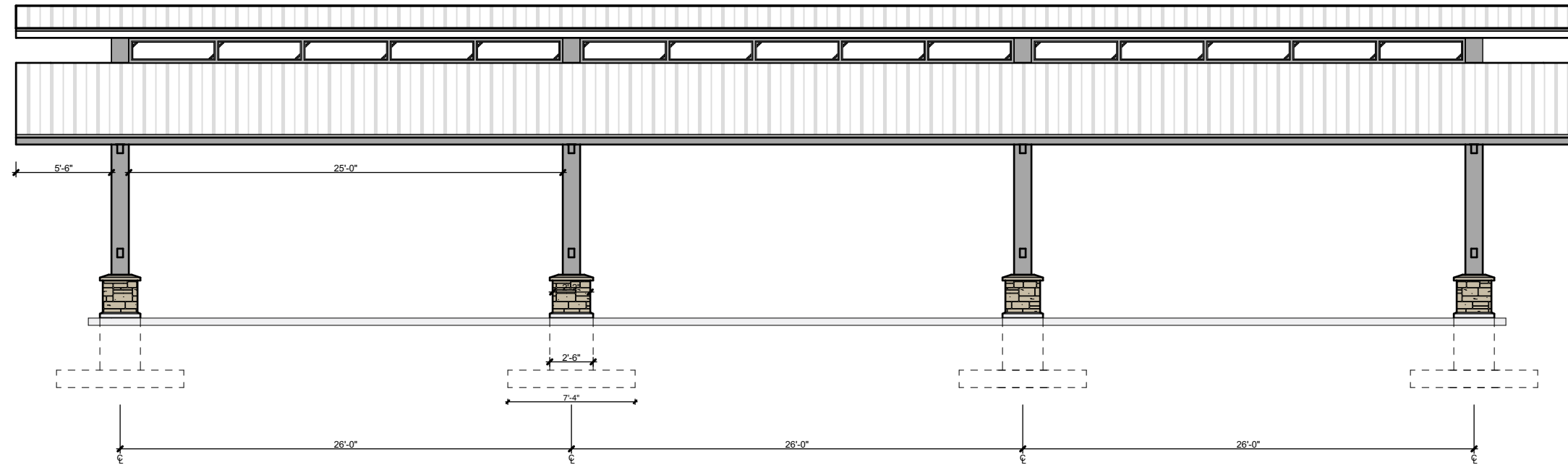
SCALE: 1/2" = 1'-0"



1
A405

ALTERNATE End Curtian Detail (2 Required)

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

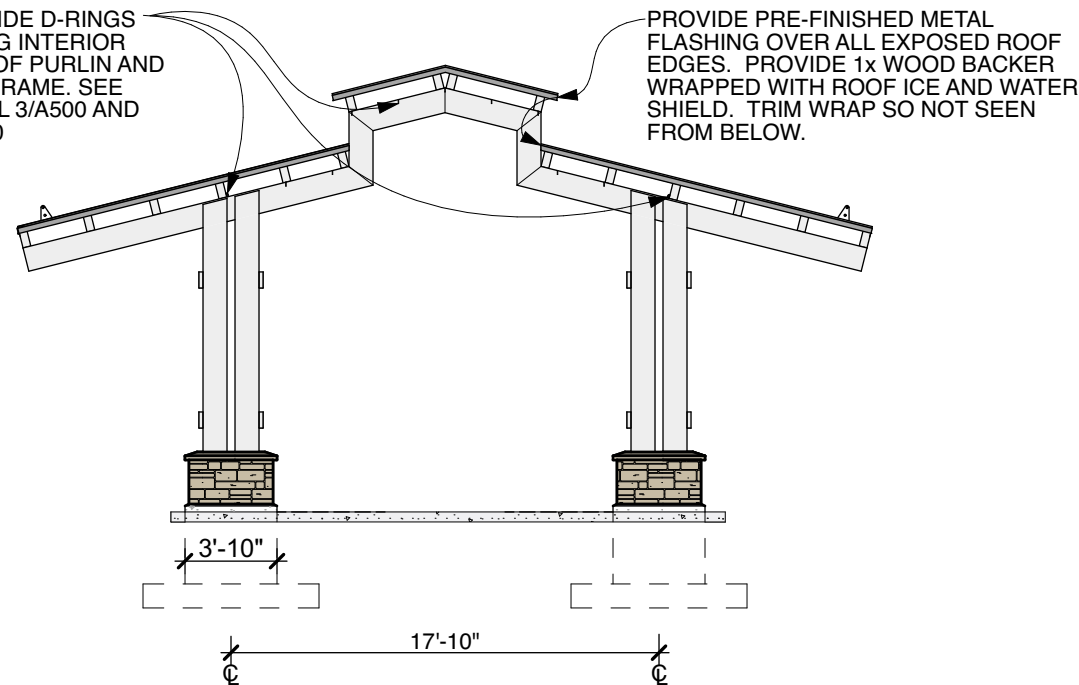


1
A500

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



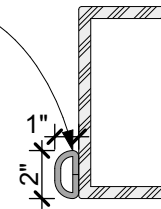
PROVIDE PRE-FINISHED METAL FLASHING OVER ALL EXPOSED ROOF EDGES. PROVIDE 1x WOOD BACKER WRAPPED WITH ROOF ICE AND WATER SHIELD. TRIM WRAP SO NOT SEEN FROM BELOW.

2
A500

Shelter End Elevation

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

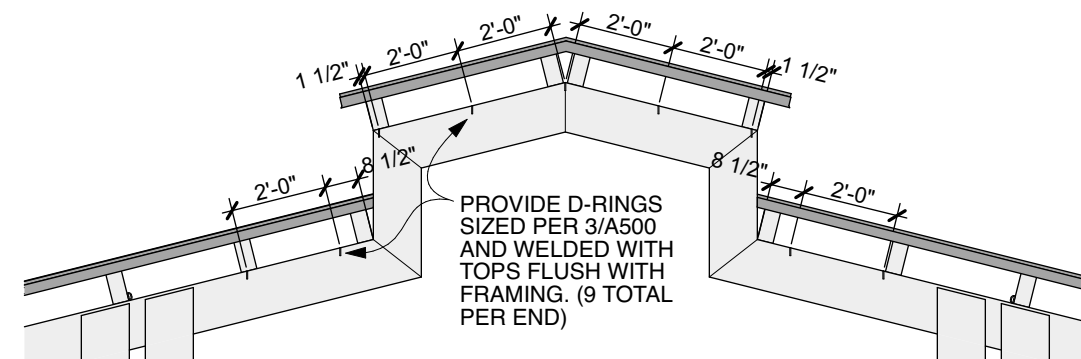
1/4" THICK BENT STEEL D-RING WELDED TO PURLIN (BOTTOMS FLUSH). FIRST AND LAST @ 7'-0" O.C. THE REST @ 24" O.C. (39 TOTAL / PURLIN) FINISH TO MATCH FRAME.



3
A500

Purlin D-Ring Detail

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

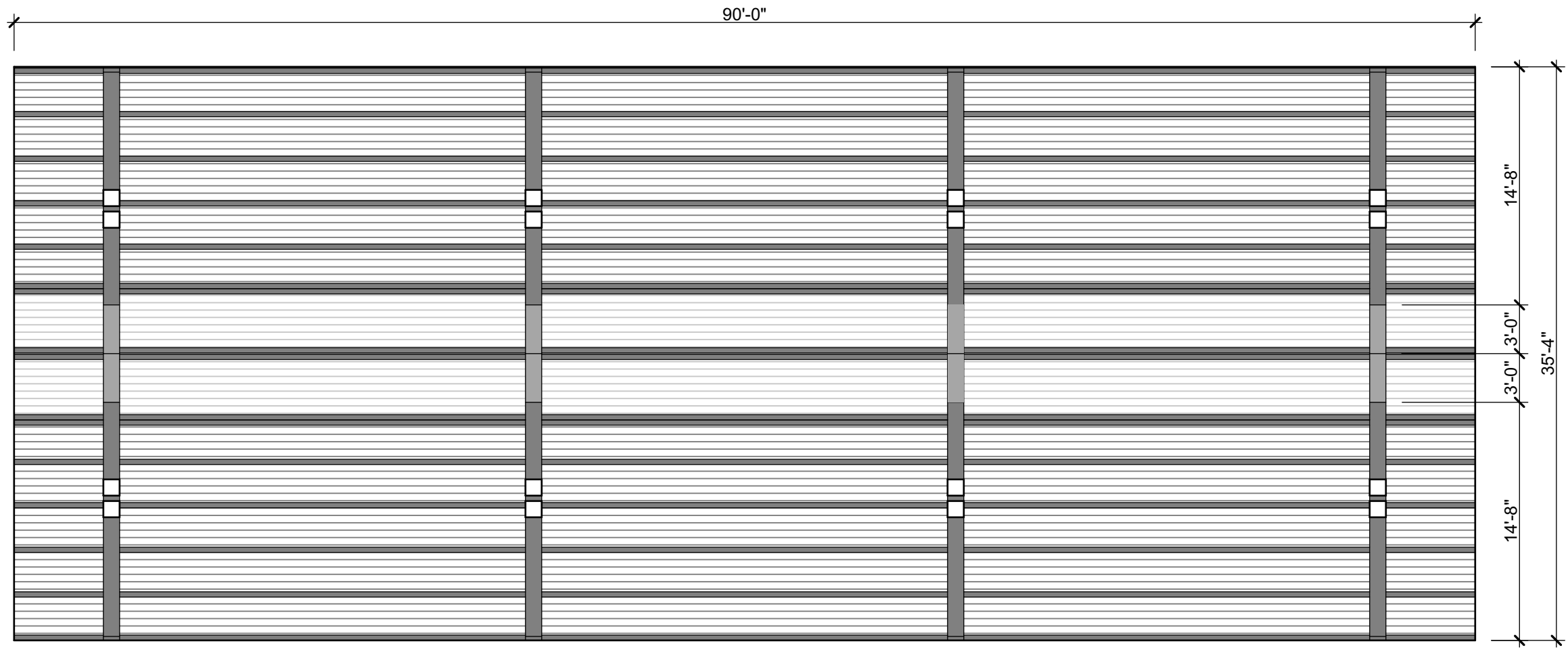


PROVIDE D-RINGS SIZED PER 3/A500 AND WELDED WITH TOPS FLUSH WITH FRAMING. (9 TOTAL PER END)

4
A500

End D-Ring Locations

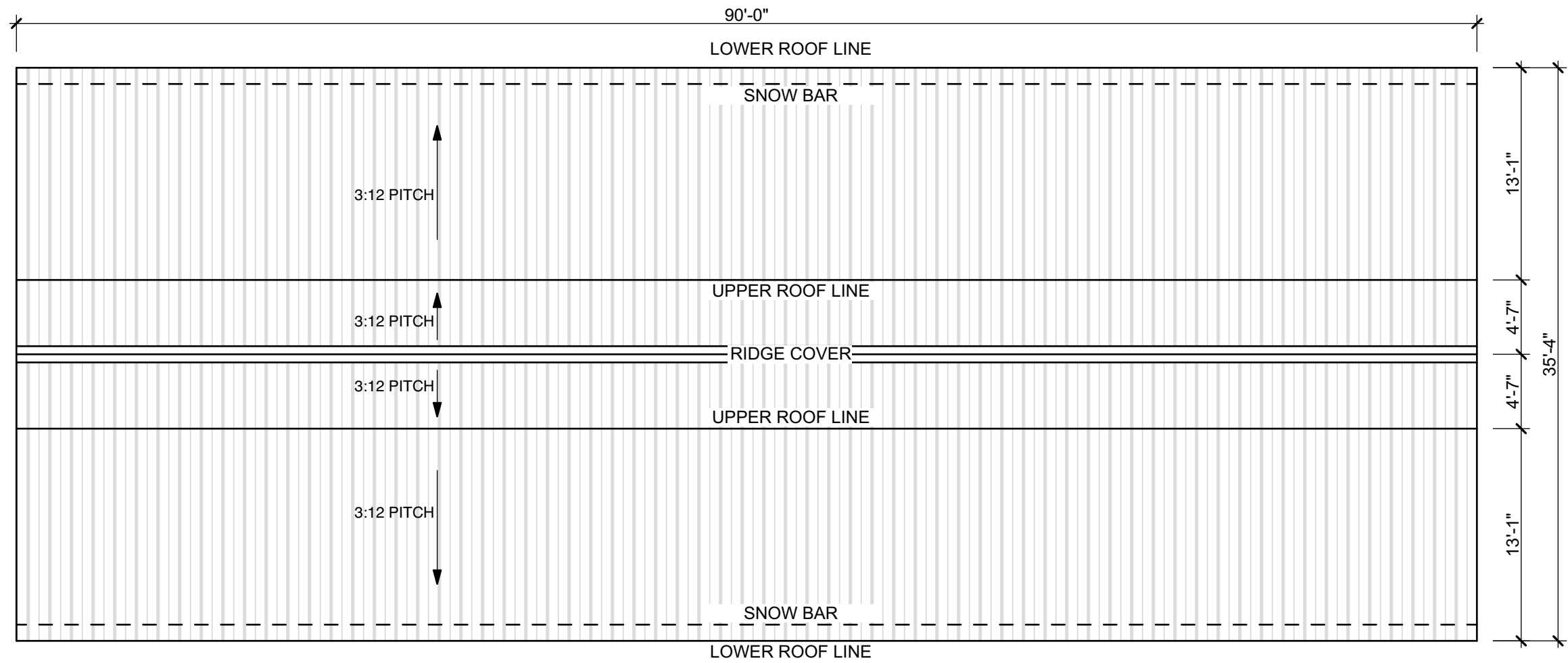
SCALE: 1/4" = 1'-0"



1
A600

Shelter Reflected Ceiling Plan

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



1
A700

Roof Plan

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

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:



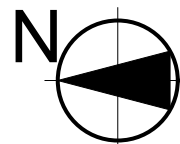
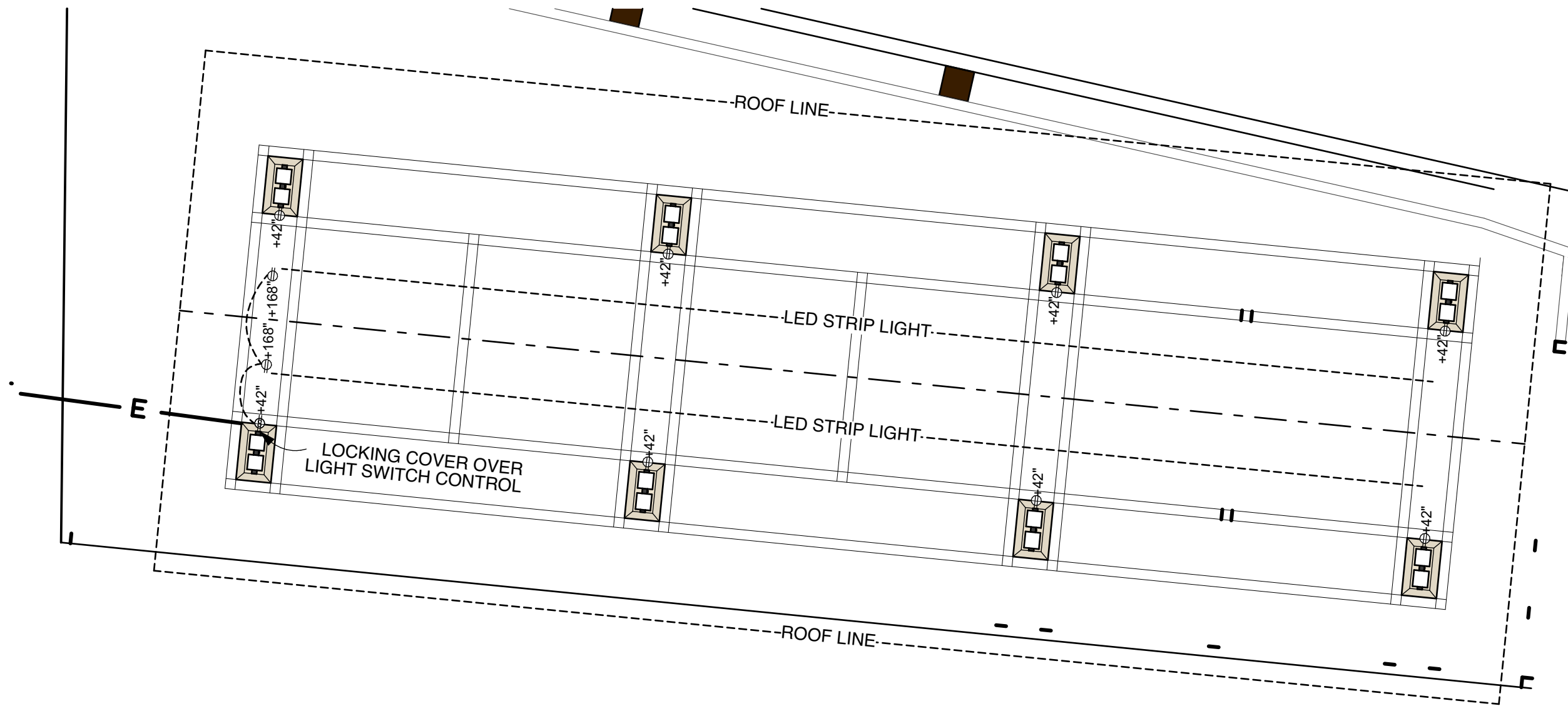
WEATHER PROTECTED SWITCH / SINGLE OUTLET @INDICATED HEIGHT



WEATHER PROTECTED DUPLEX OUTLET @INDICATED HEIGHT

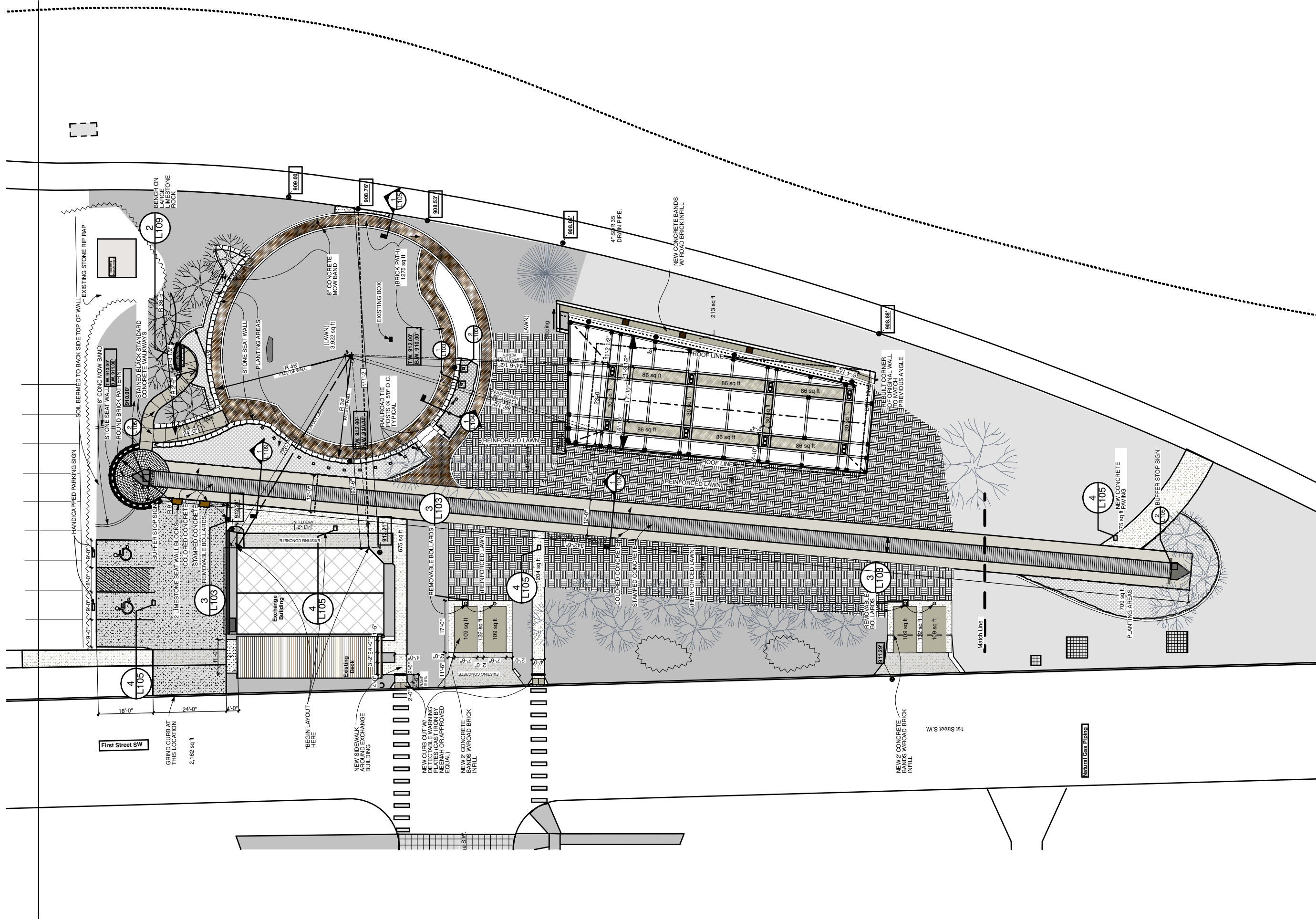
--- LED STRIP LIGHT LOCATION AS INDICATED

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



Electrical Plan

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



Standard Eave Detail

SCALE: 1" = 30'

South Riverside Park and Shelter 2020

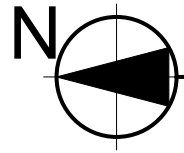
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Project No.
2017-0033

L100

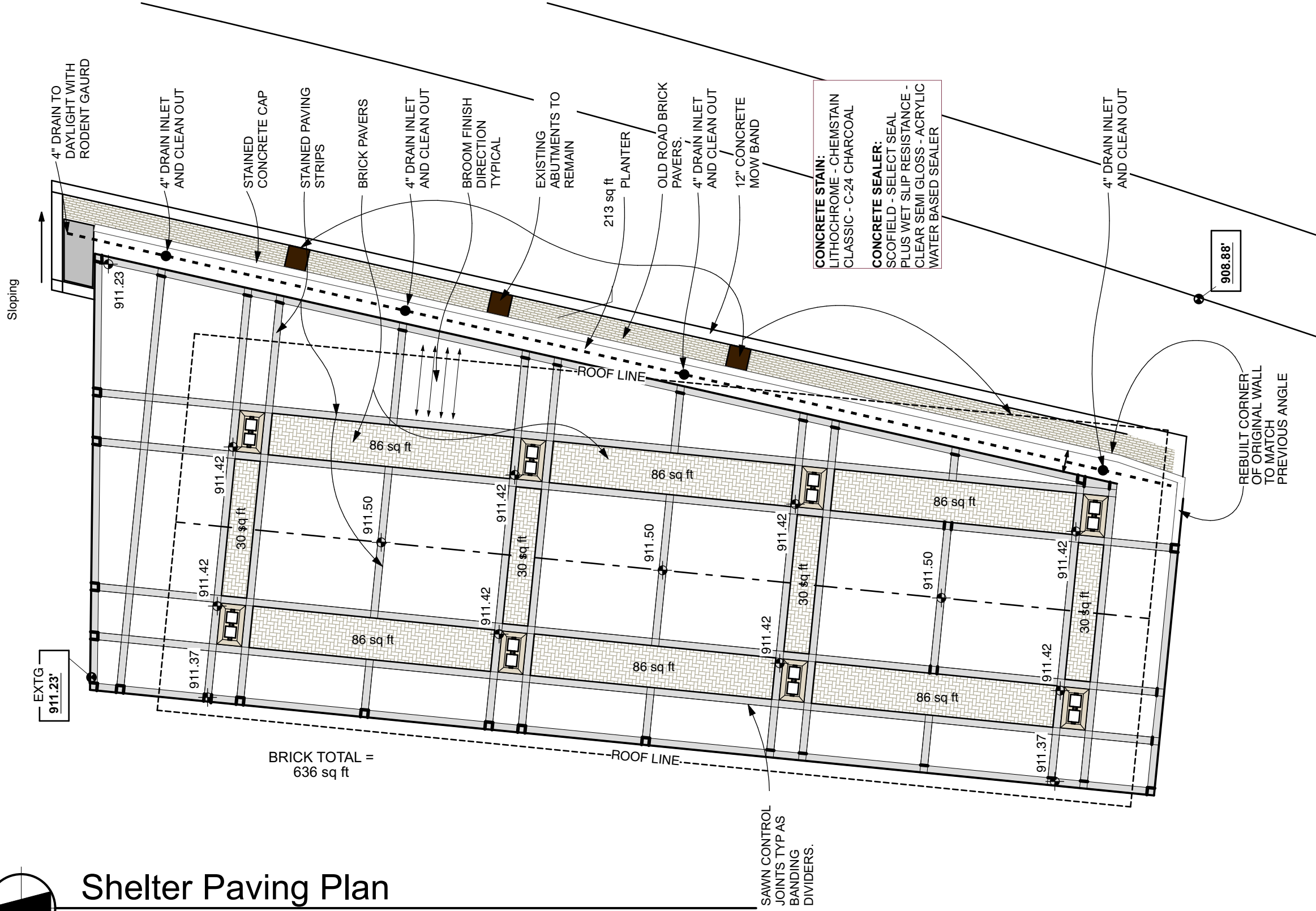
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Waterloo, Iowa 50703
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Shelter Paving Plan

SCALE: 1" = 10'



EXTG
911.23'

BRICK TOTAL =
636 sq ft

CONCRETE STAIN:
LITHOCHROME - CHEMSTAIN
CLASSIC - C-24 CHARCOAL

CONCRETE SEALER:
SCOFIELD - SELECT SEAL
PLUS WET SLIP RESISTANCE -
CLEAR SEMI GLOSS - ACRYLIC
WATER BASED SEALER

REBUILT CORNER
OF ORIGINAL WALL
TO MATCH
PREVIOUS ANGLE

South Riverside Park and Shelter 2020
300 Block - 1st Street SW
Waverly, IA 50677

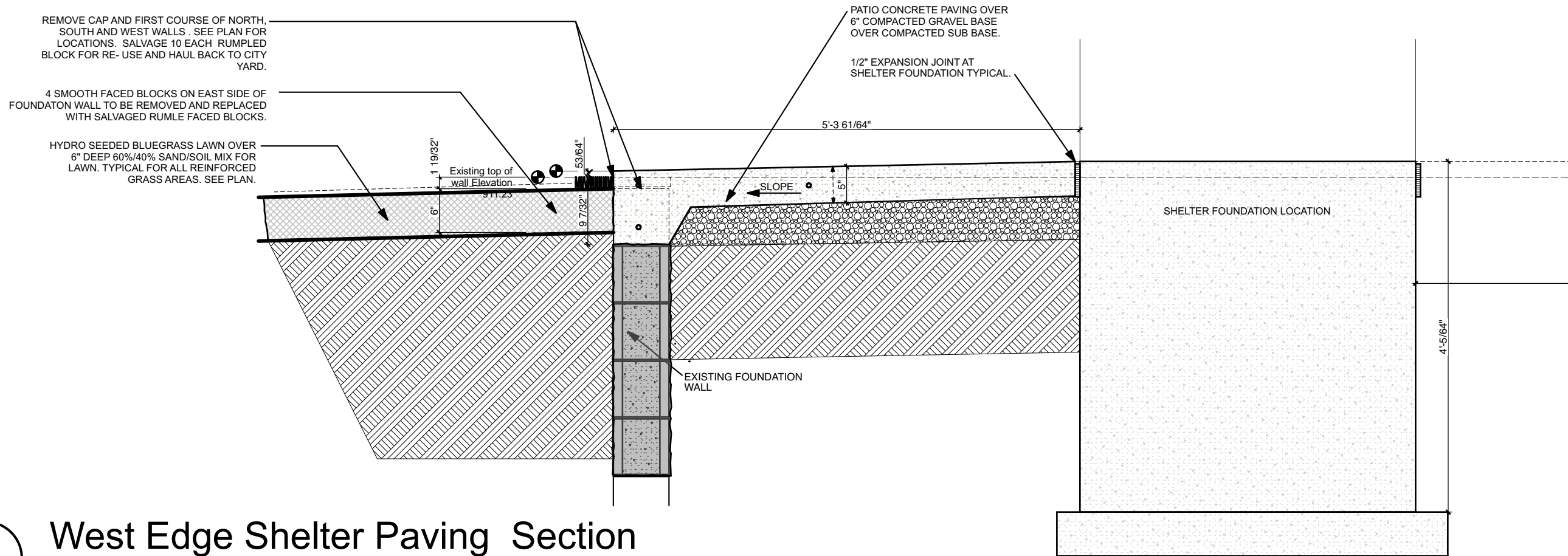
Project No.
2017-0033

L101

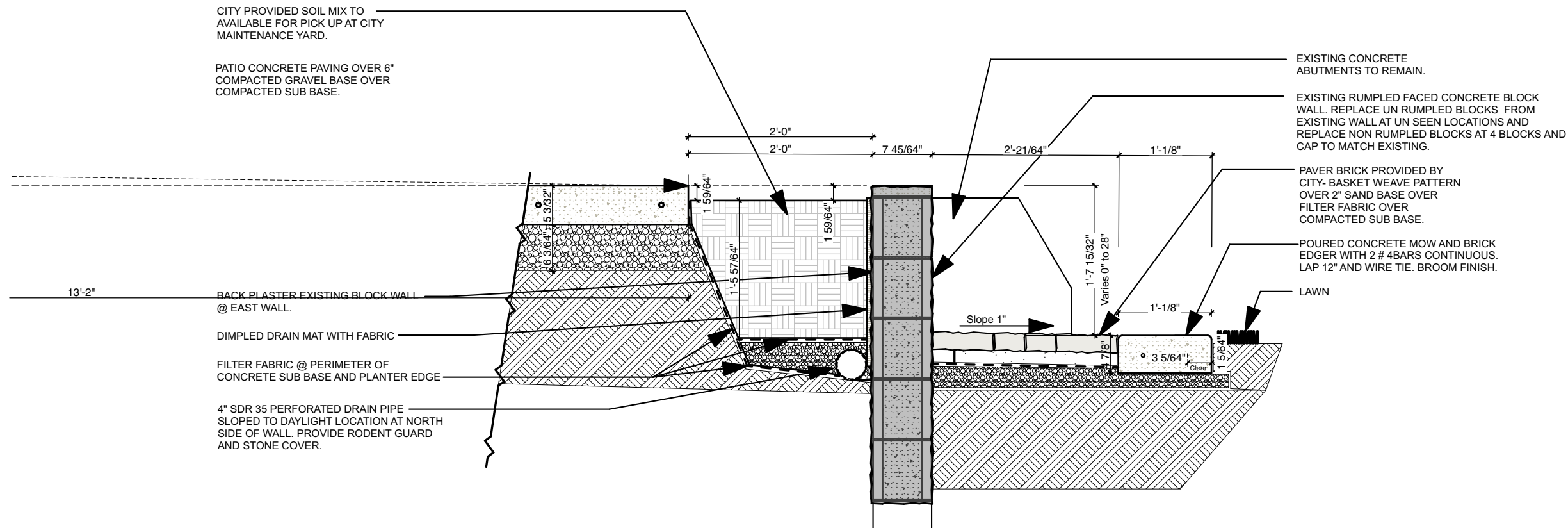
SEPTEMBER 9, 2020

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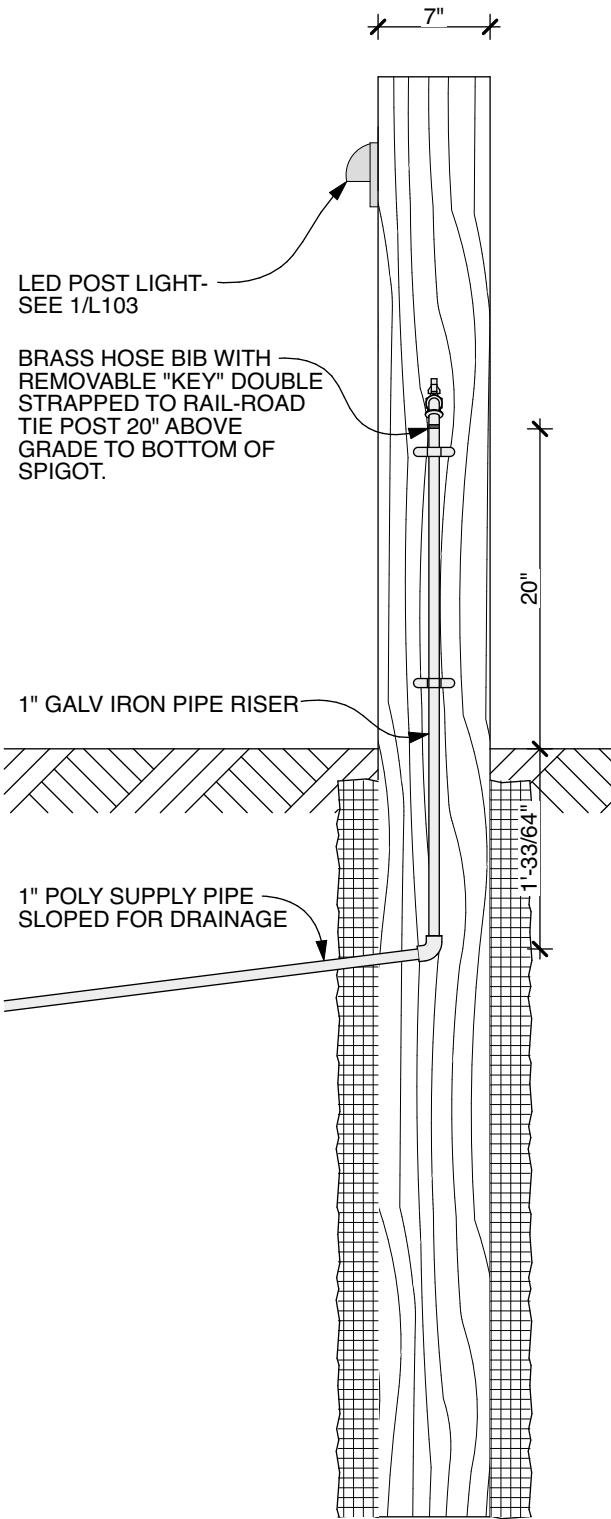
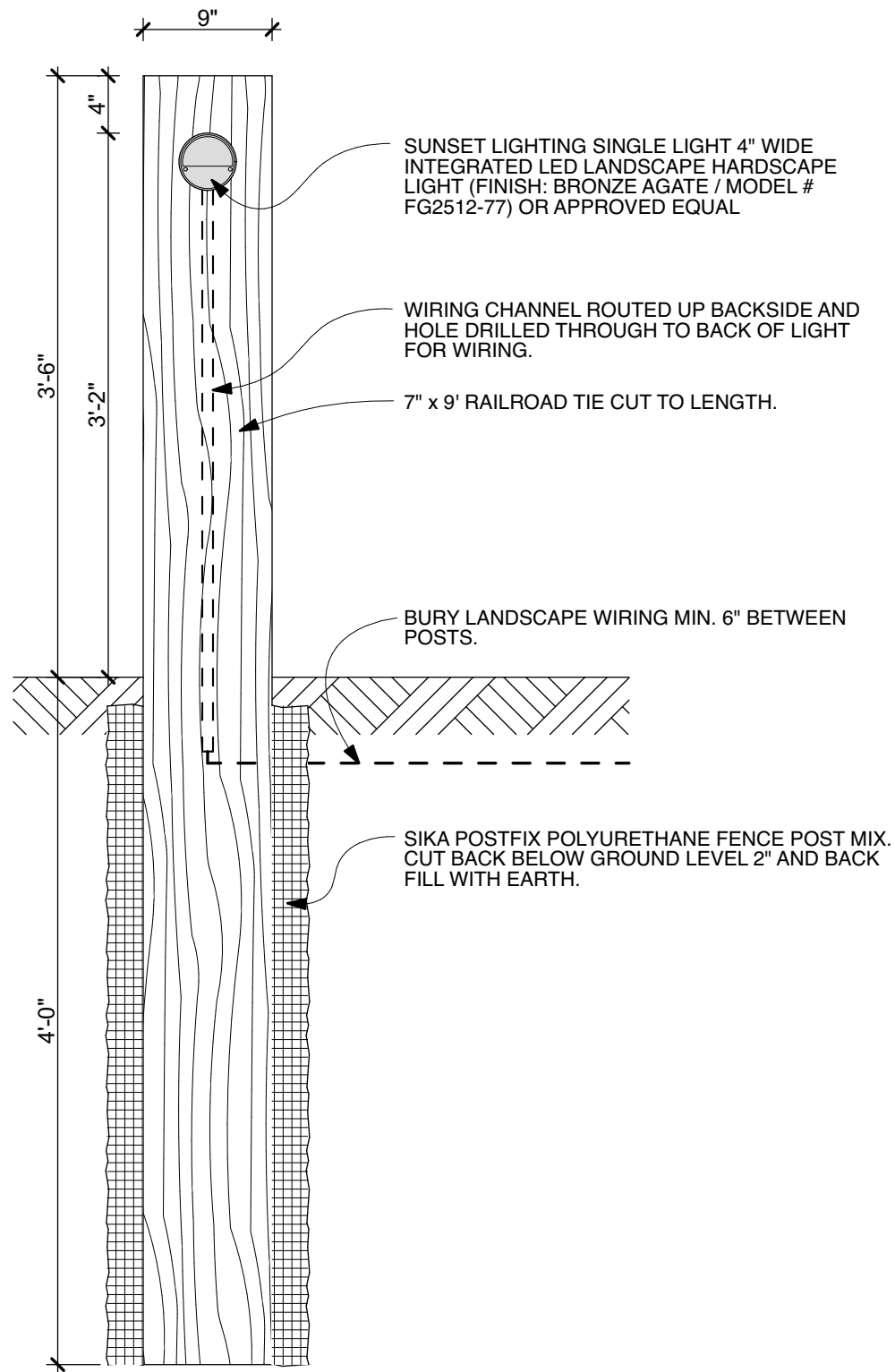
align
architecture & planning



1
L102
West Edge Shelter Paving Section
SCALE: 3/4" = 1'-0"

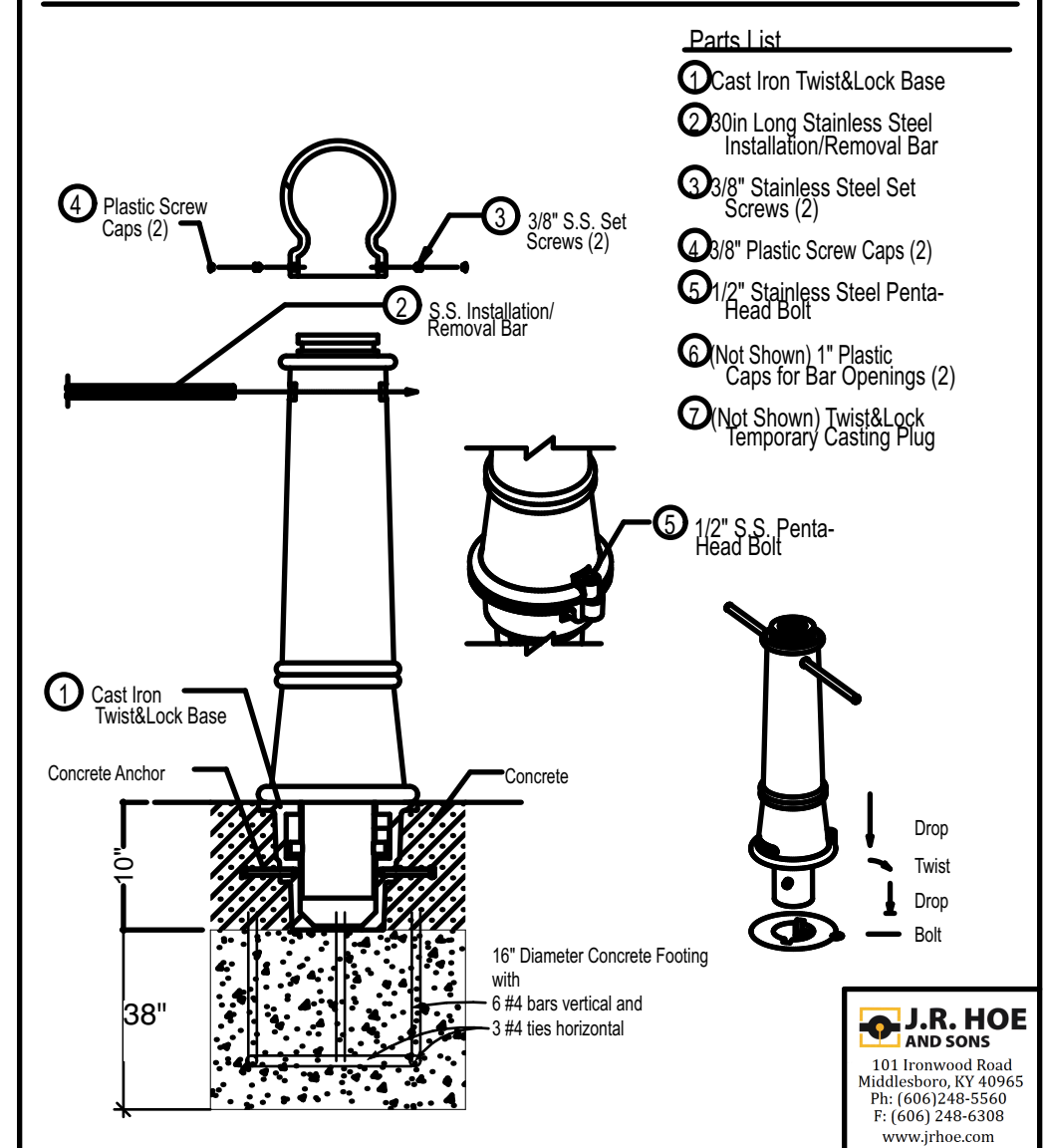


2
L102
East Edge Shelter Paving Section
SCALE: 3/4" = 1'-0"



G-Series - Ø6" Twist&Lock Removable Bollard - Surface Bolt

Slide installation bar through openings in top of bollard, lower bollard into Twist&Lock track, rotate bollard clockwise until it drops into place, secure bollard base with penta-head bolt, use set screws to secure Globe top.

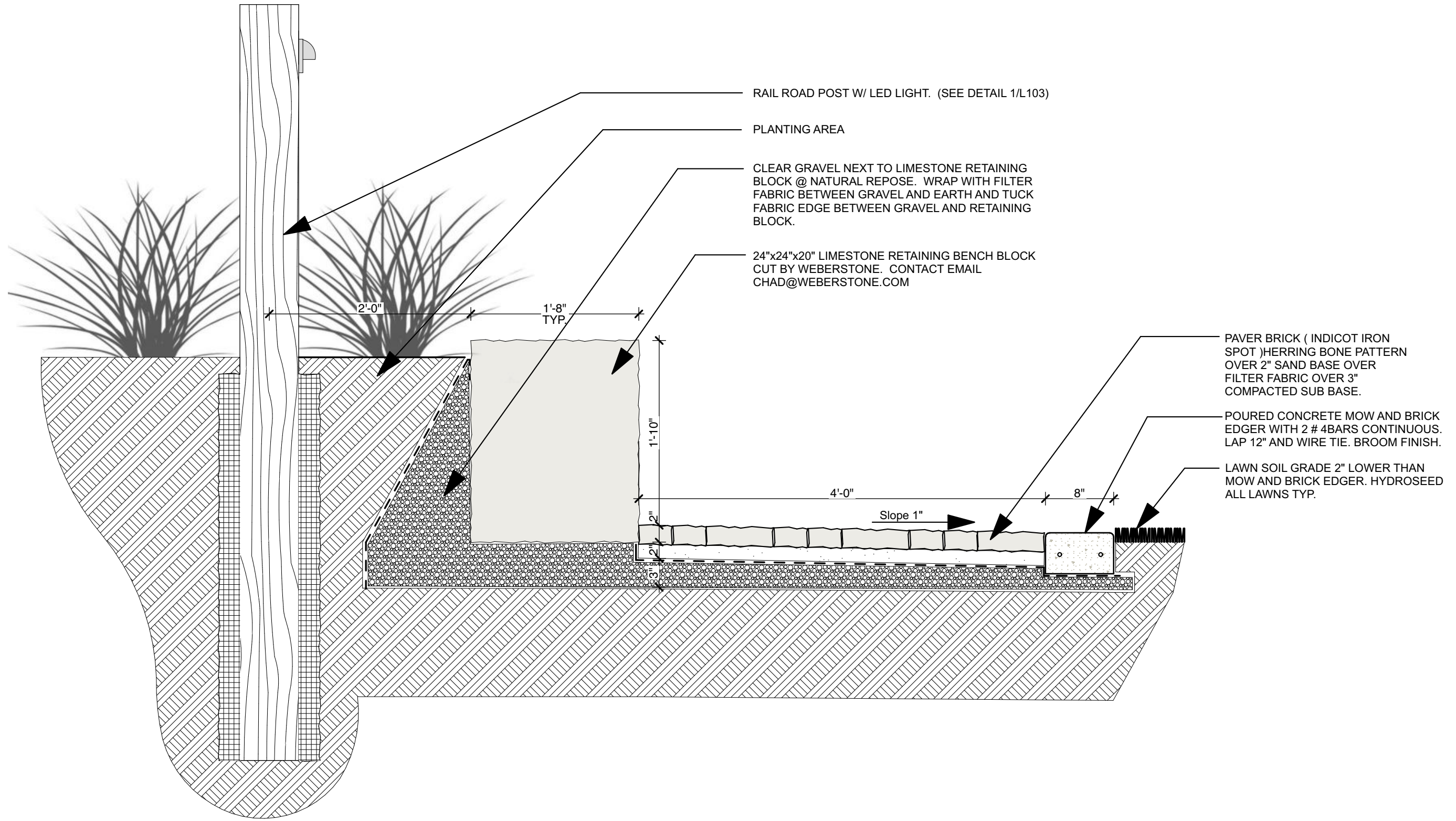


J.R. HOE AND SONS
 101 Ironwood Road
 Middlesboro, KY 40965
 Ph: (606)248-5560
 F: (606) 248-6308
 www.jrhoe.com

1 Rail Road Tie Post Detail
 L103
 SCALE: 1" = 1'-0"

2 Hose Bib Post Detail
 L103
 SCALE: 1" = 1'-0"

3 Removable Bollard
 L103
 SCALE: 1:15



RAIL ROAD POST W/ LED LIGHT. (SEE DETAIL 1/L103)

PLANTING AREA

CLEAR GRAVEL NEXT TO LIMESTONE RETAINING BLOCK @ NATURAL REPOSE. WRAP WITH FILTER FABRIC BETWEEN GRAVEL AND EARTH AND TUCK FABRIC EDGE BETWEEN GRAVEL AND RETAINING BLOCK.

24"x24"x20" LIMESTONE RETAINING BENCH BLOCK CUT BY WEBERSTONE. CONTACT EMAIL CHAD@WEBERSTONE.COM

PAVER BRICK (INDICOT IRON SPOT)HERRING BONE PATTERN OVER 2" SAND BASE OVER FILTER FABRIC OVER 3" COMPACTED SUB BASE.

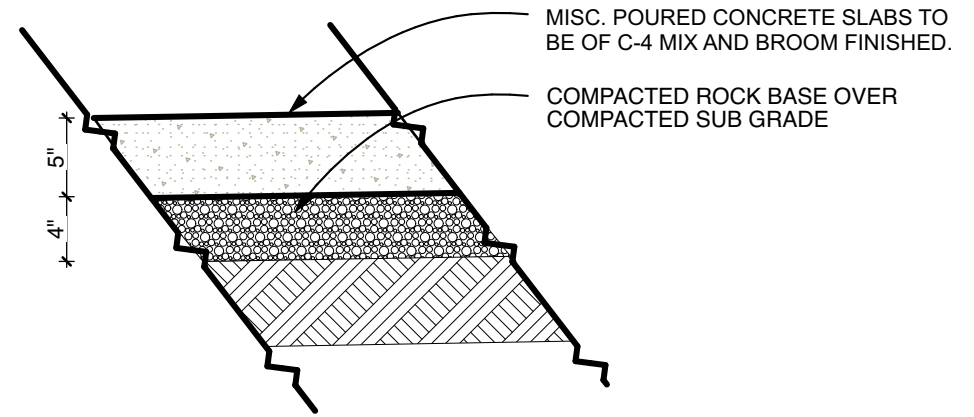
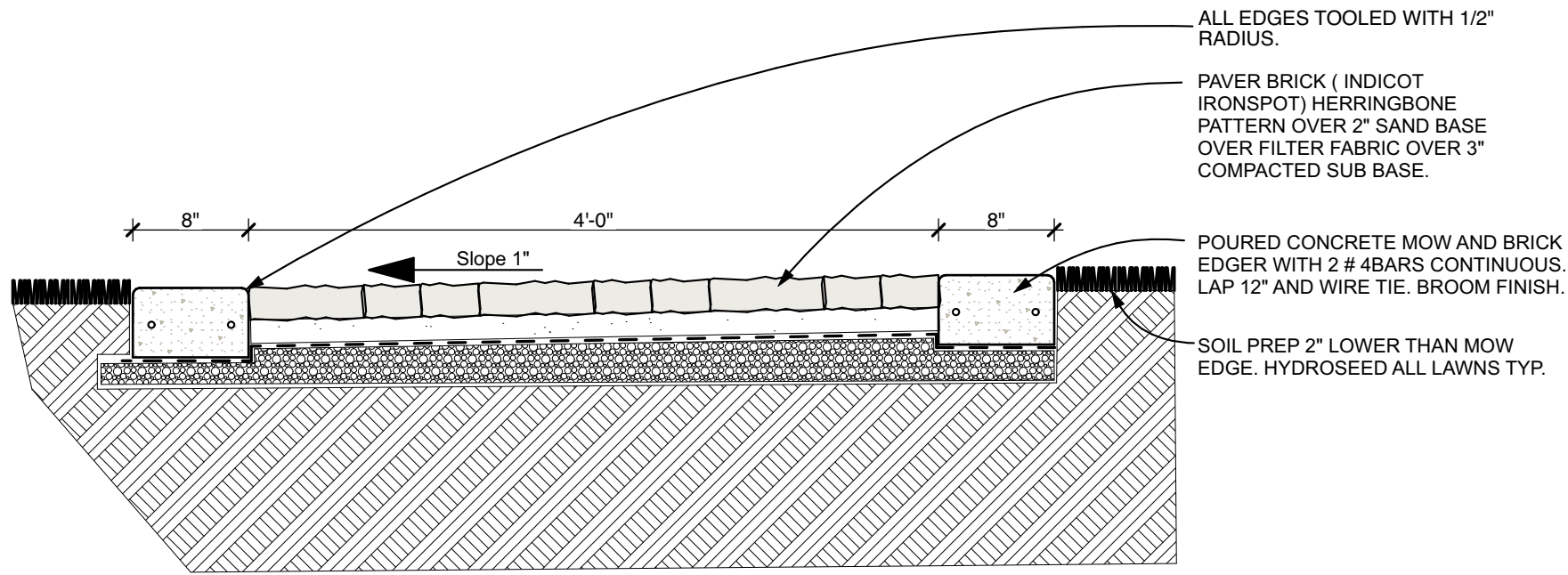
POURED CONCRETE MOW AND BRICK EDGER WITH 2 # 4BARS CONTINUOUS. LAP 12" AND WIRE TIE. BROOM FINISH.

LAWN SOIL GRADE 2" LOWER THAN MOW AND BRICK EDGER. HYDROSEED ALL LAWNS TYP.

1
L104

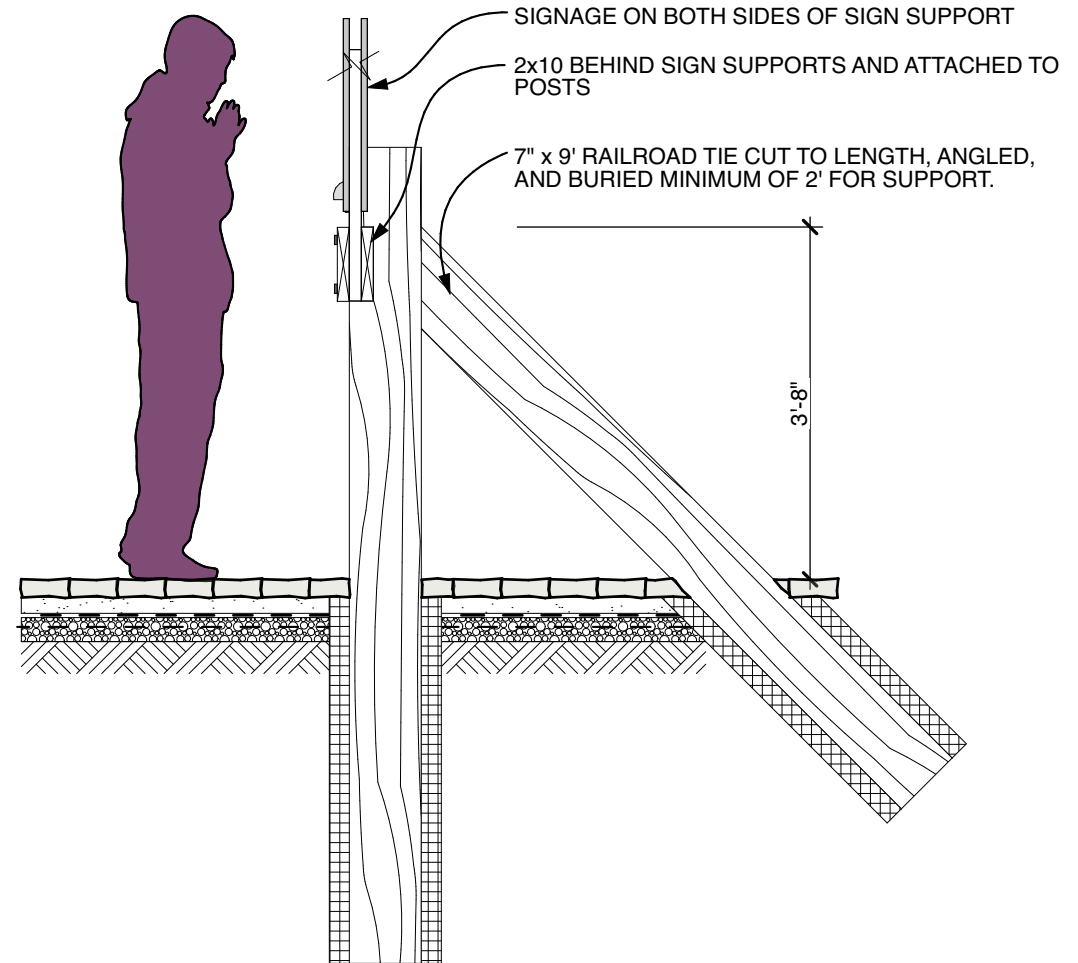
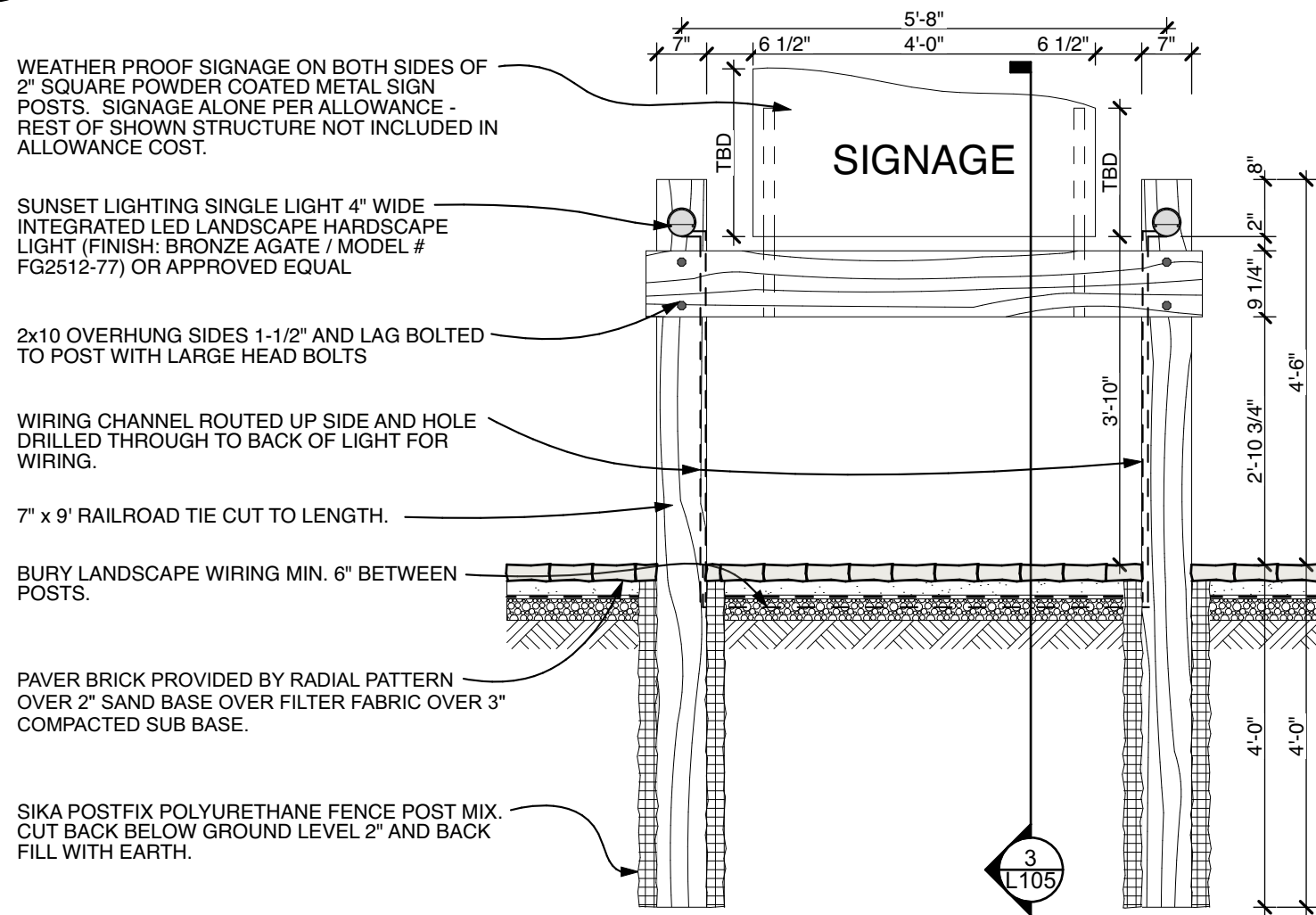
Plaza Seat Wall Section

SCALE: 1" = 1'-0"



1
L105
Plaza Path Section
SCALE: 1" = 1'-0"

4
L105
Standard Concrete Detail
SCALE: 1" = 1'-0"



2
L105
Rail Road Buffer Sign
SCALE: 1/2" = 1'-0"

3
L105
Rail Road Buffer Sign Section
SCALE: 1/2" = 1'-0"

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

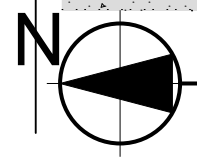
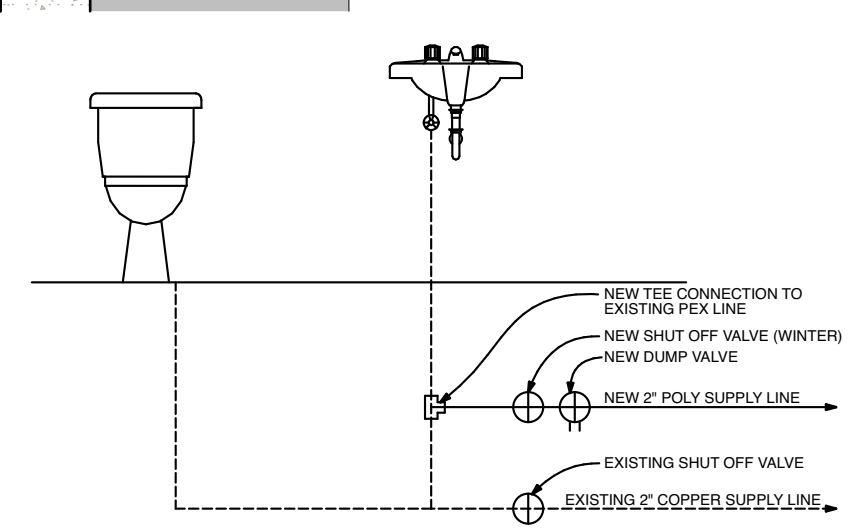
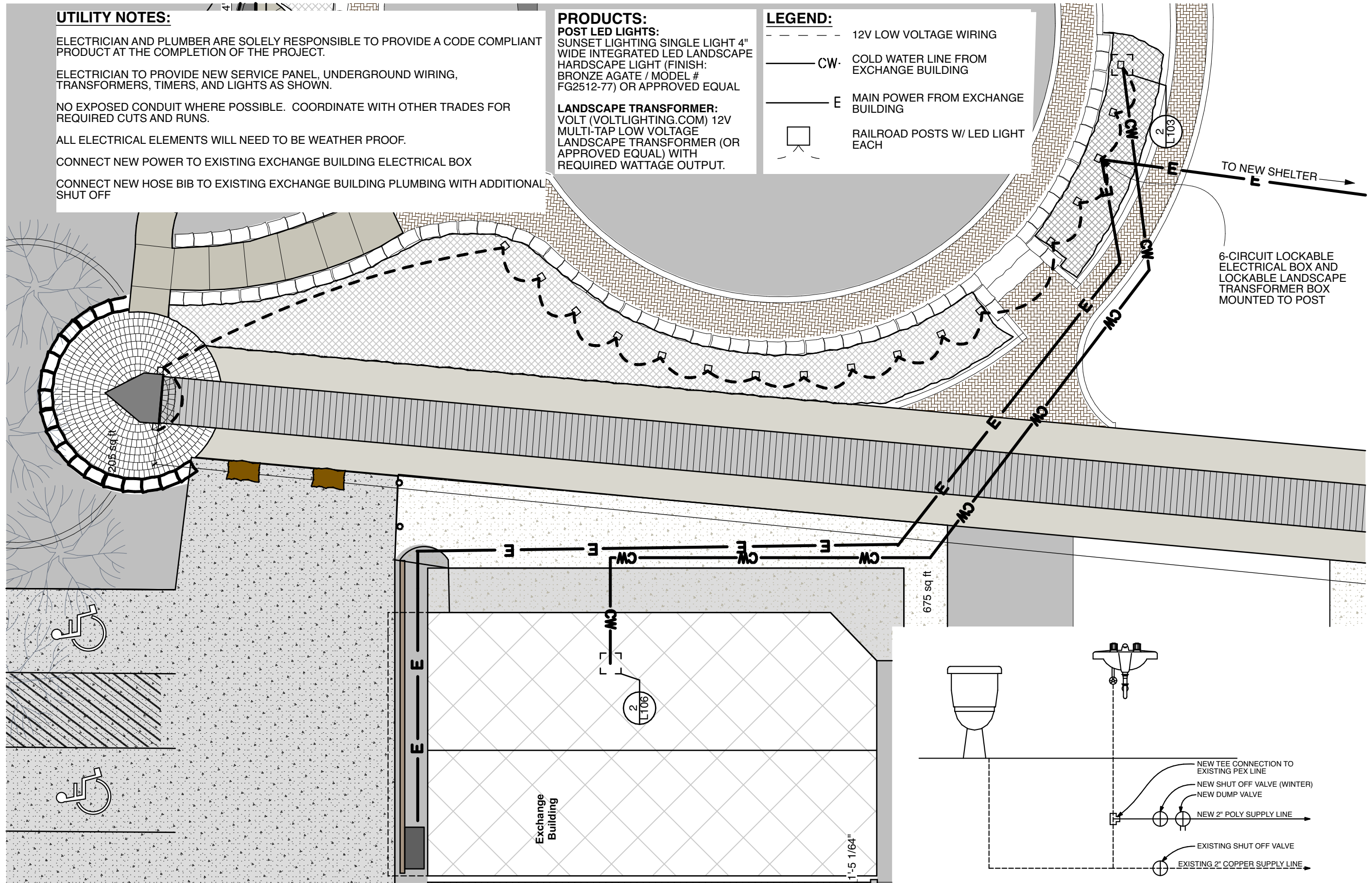
PRODUCTS:

POST LED LIGHTS:
SUNSET LIGHTING SINGLE LIGHT 4" WIDE INTEGRATED LED LANDSCAPE HARDSCAPE LIGHT (FINISH: BRONZE AGATE / MODEL # FG2512-77) OR APPROVED EQUAL

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

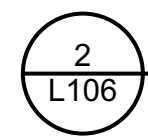
LEGEND:

- - - - 12V LOW VOLTAGE WIRING
- CW COLD WATER LINE FROM EXCHANGE BUILDING
- E MAIN POWER FROM EXCHANGE BUILDING
-  RAILROAD POSTS W/ LED LIGHT EACH



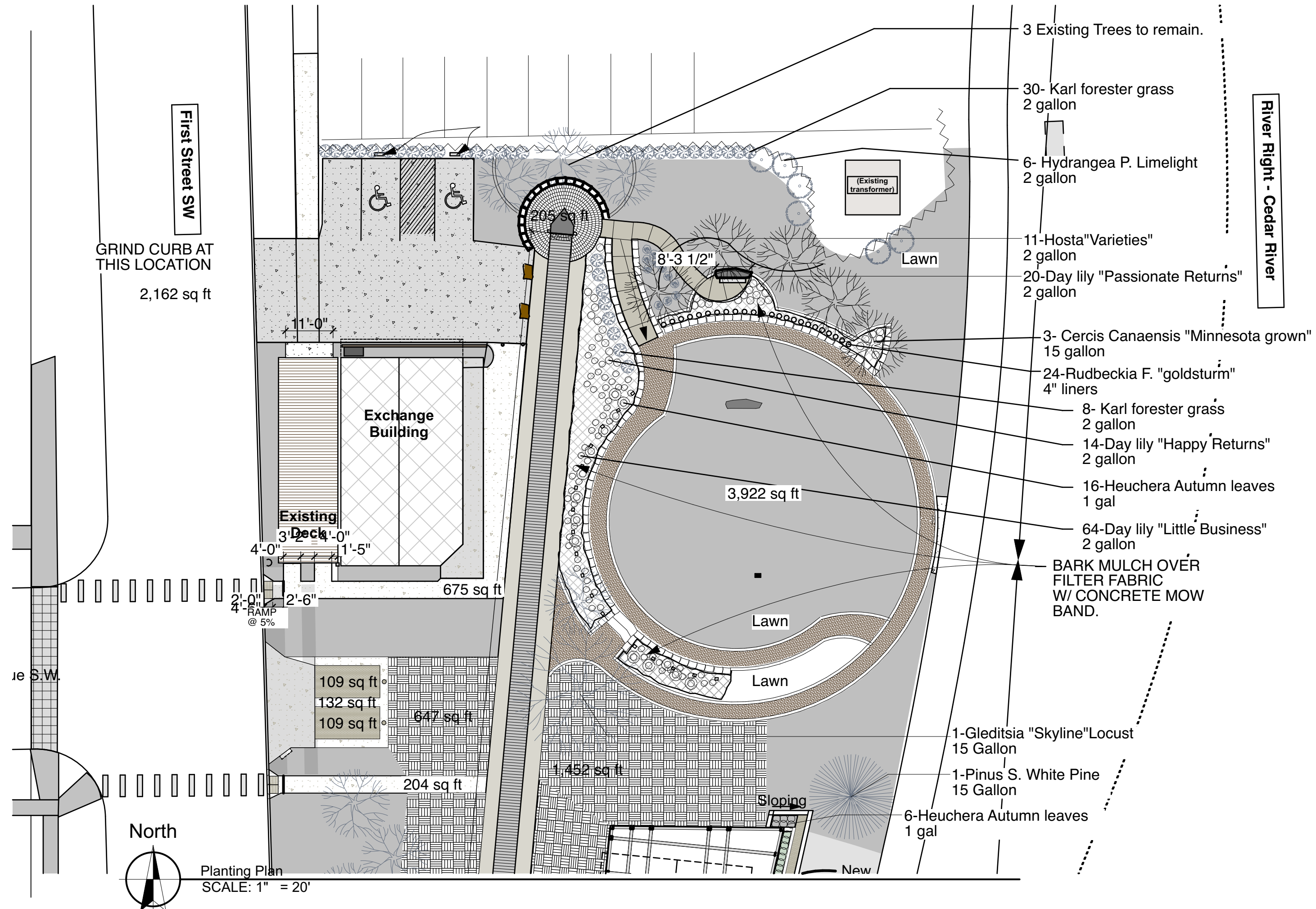
Landscape Electrical Plan

SCALE: 1" = 10'



Exchange Bldg. Connection

SCALE: 3/8" = 1'-0"



- 3 Existing Trees to remain.
- 30- Karl forester grass
2 gallon
- 6- Hydrangea P. Limelight
2 gallon
- 11-Hosta "Varieties"
2 gallon
- 20-Day lily "Passionate Returns"
2 gallon
- 3- Cercis Canaensis "Minnesota grown"
15 gallon
- 24-Rudbeckia F. "goldsturm"
4" liners
- 8- Karl forester grass
2 gallon
- 14-Day lily "Happy Returns"
2 gallon
- 16-Heuchera Autumn leaves
1 gal
- 64-Day lily "Little Business"
2 gallon
- BARK MULCH OVER
FILTER FABRIC
W/ CONCRETE MOW
BAND.
- 1-Gleditsia "Skyline" Locust
15 Gallon
- 1-Pinus S. White Pine
15 Gallon
- 6-Heuchera Autumn leaves
1 gal

First Street SW

GRIND CURB AT THIS LOCATION
2,162 sq ft

Exchange Building

Existing Deck

RAMP @ 5%

109 sq ft
132 sq ft
109 sq ft

647 sq ft

204 sq ft

1,452 sq ft

205 sq ft

3,922 sq ft

8'-3 1/2"

(Existing transformer)

Lawn

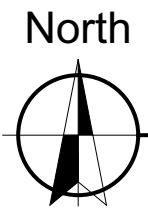
Lawn

Lawn

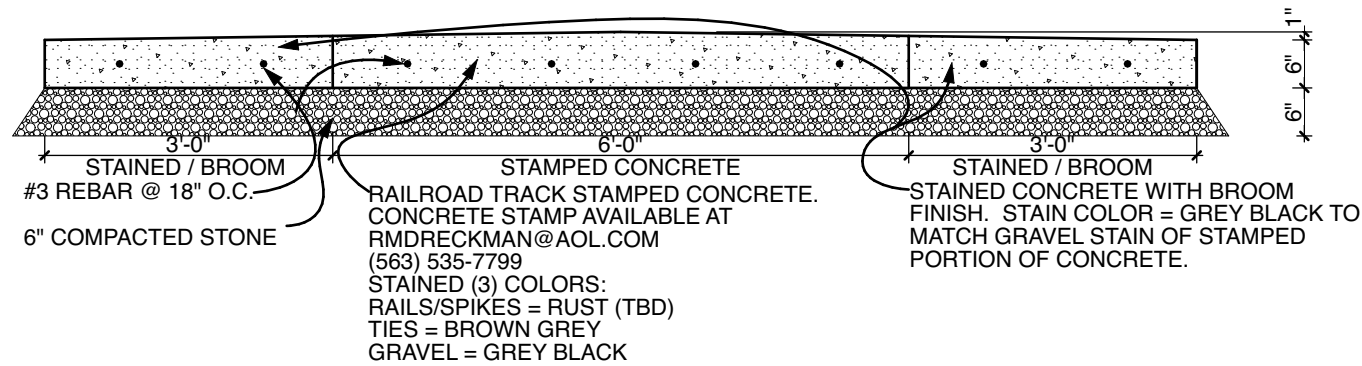
Sloping

New

River Right - Cedar River



Planting Plan
SCALE: 1" = 20'



- GENERAL NOTES:**
1. CONCRETE PATH TO INCLUDE A 1" RAISED RIDGE DOWN THE CENTER AND TAPERING DOWN TO 6" OF THICKNESS ON THE EDGE.
 2. CLEAN AND STAIN AFTER 28 DAY CURE TIME. PROTECT FROM ALL TRAFFIC DURING THIS TIME.
 3. APPLY STAINS AND SEALANT ACCORDING TO MANUFACTURERS SPECIFICATIONS.
 4. CONCRETE TO BE C-4 MIX PROVIDE SUBMITTAL OF MIX DESIGN PRIOR TO PLACEMENT.
 5. CONTROL JOINTS @ 12' O.C. +/- EXPANSION JOINTS @ 60' O.C. +/- ALIGN JOINTS @ RR TIE EDGES ONLY.



Photographic example of stamped concrete and stain.

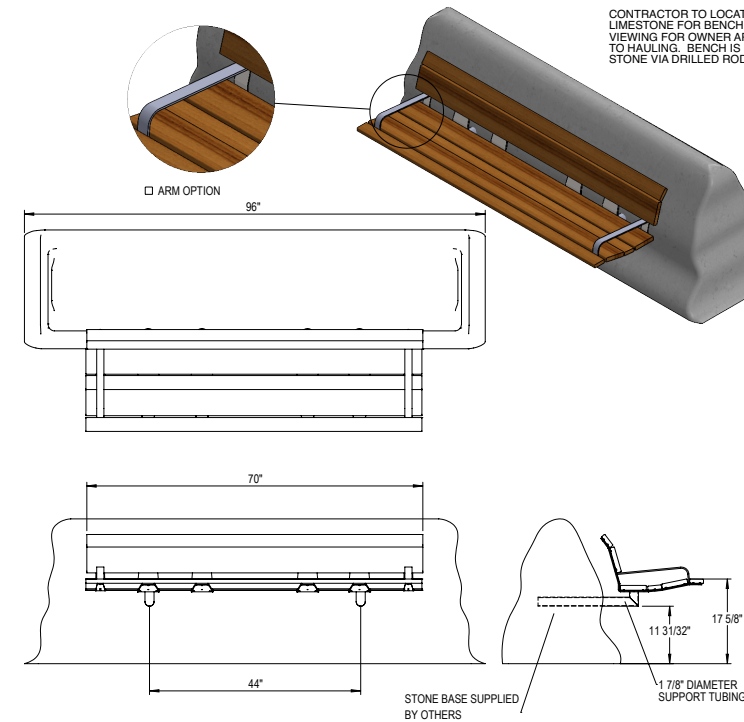
1
L109

RR Track Paving Detail.

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



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PRODUCT: LOB-6-WI-VICT
DESCRIPTION: LOFTY BACKED CUSTOM MOUNT
DATE: 4-26-2017
ENG: BLW

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ALL FASTENERS ARE STAINLESS STEEL SOME ASSEMBLY REQUIRED

SITE FURNISHING IS POWDER COATED WITH TGIC POLYESTER STEEL SURFACE PREP INCLUDES MECHANICAL AND CHEMICAL ETCHING FOLLOWED WITH A COATING TO IMPROVE ADHESION AND CORROSION RESISTANCE.

2
L109

Stone and Bench Detail

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