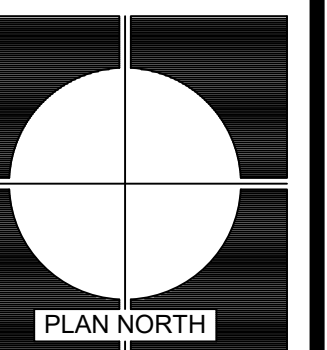


HANDICAP ACCESSIBLE UPGRADES FOR BLUE RIDGE MIDDLE SCHOOL

GREENVILLE COUNTY SCHOOL DISTRICT

2423 EAST TYGER BRIDGE ROAD GREER, SOUTH CAROLINA 29651



REVISIONS

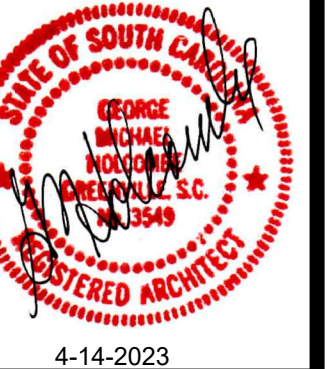
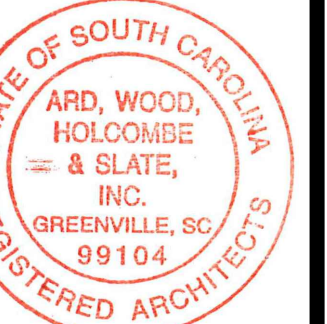
DATE	MARK	DESCRIPTION
14 APR 2023	0	ISSUE FOR OSF CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES 4259, 27553, 44627 & 44714

ARD, WOOD, HOLCOMBE & SLATE, INC., ARCHITECTS AND PLANNERS
620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242.5450
WWW.AWHSARCHITECTS.COM

COVER SHEET

**HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE
SCHOOL**
GREER, SOUTH CAROLINA



4-14-2023
DRAWN EMB
JOB 2205-020
DATE 14 APR 2023

G-001
DRAWING NUMBER



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022

OWNER'S REPRESENTATIVE
JAMES BENTON, FACILITIES MANAGER
SCHOOL DISTRICT OF GREENVILLE COUNTY

ARCHITECT
GEORGE HOLCOMBE, AIA
ARD, WOOD, HOLCOMBE & SLATE, INC.
620 NORTH MAIN STREET, SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
864.242.5450

STRUCTURAL ENGINEER
JOHN ARROWOOD, PE
ARROWOOD + ARROWOOD, INC.
412-B PETTIGRU STREET
GREENVILLE, SOUTH CAROLINA 29601
864.233.9383

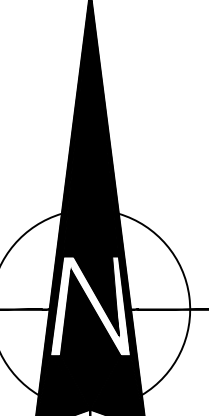
MECHANICAL ENGINEER
JODY PARKER, PE
PERITUS ENGINEERS & ASSOCIATES, INC.
10 EAST DORCHESTER BOULEVARD
GREENVILLE, SOUTH CAROLINA 29606
864.277.8287

ELECTRICAL ENGINEER
JAMES JOYE, PE
CAROLINA ENGINEERING SOLUTIONS, LLC
8 WEST McBEE AVENUE, SUITE 203
GREENVILLE, SOUTH CAROLINA 29601
864.307.9355

CIVIL ENGINEER
ELISA SANDERS, PE
SEAMON WHITESIDE
701 EASLEY BRIDGE ROAD
GREENVILLE, SOUTH CAROLINA 29611
864.298.0534

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE, PLUMBING CODE, MECHANICAL CODE, THE NATIONAL ELECTRIC CODE AND REQUIREMENTS OF THE GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR IS RESPONSIBLE FOR AWARENESS AND COMPLIANCE WITH ASBESTOS NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) REGULATIONS AND OTHER HAZARDOUS MATERIAL REGULATIONS CODES AND LAWS. THE CONTRACTOR WAIVES AND INDEMNIFIES THE ARCHITECT AND THE OWNER FROM LIABILITY RESULTING FROM ASBESTOS OR OTHER HAZARDOUS MATERIAL CLAIMS AND THE COST OF LEGAL DEFENSE.
- AIA DOCUMENT A201 GENERAL CONDITIONS LATEST EDITION SHALL BE CONSIDERED A PART OF THE CONSTRUCTION DOCUMENTS.
- SUBSTITUTION AND CHANGES MUST BE IN WRITING AS A SEPARATE REQUEST. PRODUCT SUBSTITUTION AND CHANGES IN SHOP DRAWING SUBMITTALS ARE UNACCEPTABLE.
- SUBSTITUTION FOR SPECIFIED PRODUCTS AND MATERIALS ARE NOT ALLOWED AFTER THE BID PHASE.
- THE GENERAL CONTRACTOR SHALL REVIEW, COMMENT, & STAMP SUBMITTALS PRIOR TO SUBMITTING TO THE ARCHITECT.
- RECORD DRAWINGS: MAINTAIN A SET OF CONSTRUCTION DOCUMENTS ON SITE MARKED IN RED TO INDICATE ACTUAL INSTALLATION WHERE INSTALLATION VARIES SUBSTANTIALLY FROM THE WORK ORIGINALLY SHOWN ON THE DOCUMENTS. RECORD DRAWINGS ARE TO BE TURNED OVER TO THE OWNER PRIOR TO FINAL PAYMENT.
- O&M MANUALS / SHOP DRAWINGS / PRODUCT DATA: ORGANIZE OPERATION AND MAINTENANCE, SHOP DRAWINGS, AND PRODUCT DATA INTO 2-INCH THREE RING BINDERS. INCLUDE POCKET FOLDERS FOR FOLDED SHEETS. PROVIDE TABS FOR EACH SECTION AND A TABLE OF CONTENTS IDENTIFYING INFORMATION BEHIND EACH TAB. MANUALS ARE TO BE TURNED OVER TO THE OWNER PRIOR TO FINAL PAYMENT.
- THE ARCHITECT IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.
- ASBESTOS CONTAINING MATERIALS (ACM) ARE NOT ALLOW IN THE PROJECT.
- NORTH ARROWS ON THE PLANS ARE FOR REFERENCE ONLY.
- REPAIR DAMAGED CONSTRUCTION TO MATCH ADJACENT CONSTRUCTION.
- WATER SHALL NOT BE ADDED TO CONCRETE AFTER LEAVING THE BATCH PLANT. CONCRETE WILL BE REJECTED IF WATER IS ADDED TO THE CONCRETE AFTER LEAVING THE BATCH PLANT.
- DO NOT SUPPORT DUCTWORK, LIGHT FIXTURES, CEILING GRID, OR UTILITIES FROM THE ROOF DECK.
- SEAL CRACKS, HOLES, JOINTS, AND SPACES AROUND EQUIPMENT, FIXTURES, PIPES, WIRES, DOORS, ETC. ON THE INTERIOR AND EXTERIOR WITH ONE PART POLYURETHANE SEALANT AND BACKER ROD.
- SEAL PENETRATIONS IN FIRE RATED FLOORS, CEILINGS, PARTITIONS, WALLS, ETC. WITH THE APPROPRIATE UL APPROVED FIRE STOPPING SYSTEM.
- DIMENSIONS ARE TO THE FACE OF STUDS, CMU, OR CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED.
- PROVIDE BLOCKING IN THE WALLS AS REQUIRED TO SUPPORT ACCESSORIES, ETC.
- INSTALL APPROVED CONTROL JOINTS IN GYPSUM BOARD WALLS AND/OR AT CHANGES IN DIRECTION IN THE STRUCTURE AS REQUIRED BY THE MANUFACTURER OF GYPSUM BOARD. OBTAIN JOINT LAYOUT APPROVAL FROM THE OWNER PRIOR TO GYPSUM BOARD INSTALLATION.
- VERIFY EQUIPMENT DIMENSIONS WITH THE SUPPLIER.



B1	CONTACT INFORMATION	---	B2	PROJECT GENERAL NOTES	---	B3	SITE CONTEXT IMAGE	NTS
----	---------------------	-----	----	-----------------------	-----	----	--------------------	-----

2021 INTERNATIONAL EXISTING BUILDING CODE

- OCCUPANCY CLASSIFICATION: GROUP E EDUCATION (MAIN USE)
- TYPE OF CONSTRUCTION: TYPE II-B
- BUILDING AREA: 139,010 SF +/-
- EXISTING FIRE AREA SEPARATION: X-HOUR RATED FIRE BARRIERS
- BUILDING IS NOT SPRINKLERED

PROJECT SHALL COMPLY WITH ADDITION SECTION IIBC CHAP. 11

CHAPTER 11 - ADDITIONS

IEBC 1101 GENERAL

1101.1 ADDITION TO BUILDING SHALL COMPLY WITH INTERNATIONAL CODES FOR NEW CONSTRUCTION

1101.2 ADDITION SHALL NOT CREATE OR EXTEND A NON-CONFORMITY IN THE EXISTING STRUCTURE

1101.3 ANY REPAIR WORK WITHIN THE EXISTING BUILDING SHALL COMPLY WITH WORK CLASSIFIED IN CHAPTER 6

IEBC 1102 HEIGHTS AND AREAS

1102.1 ADDITIONS SHALL NOT INCREASE THE HEIGHT OF THE EXISTING BUILDING

1102.1 ANY ADDITION SHALL NOT INCREASE THE AREA OF THE EXISTING BUILDING BEYOND THAT PERMITTED IN IBC CHAPTER 5

1102.3 EXISTING FIRE AREAS INCREASED BY ADDITION SHALL COMPLY WITH IBC CHAPTER 9

IEBC 1104 ENERGY CONSERVATION

1104.1 ADDITIONS SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE

GENERAL

G-001 COVER SHEET

G-002 OSF FORM F3

G-003 OSF FORM F3

G-004 OSF FORM F3

G-101 REFERENCE FLOOR PLAN

CIVIL

C-0.0 TITLE SHEET

C-0.1 LEGEND & GENERAL NOTES

C-0.2 LEGEND & GENERAL NOTES

C-1.0 SITE PLAN

C-2.0 GRADING PLAN

C-3.0 EROSION CONTROL PLAN

C-4.0 DETAILS

ARCHITECTURAL

A-101 ENLARGED FLOOR PLAN

A-102 ENLARGED FLOOR PLAN

A-201 FRONT ELEVATION

A-301 CROSS SECTIONS

A-302 SECTIONS AND DETAILS

A-303 SECTIONS AND DETAILS

STRUCTURAL

S-100 GENERAL NOTES, PLANS & DETAILS

S-101 FOUNDATION PLAN - FRAMING PLAN

S-200 GENERAL NOTES, PLANS & DETAILS

MECHANICAL

M-100 REFERENCE FLOOR PLAN

M-101 ENLARGED FLOOR PLAN

ELECTRICAL

E-101 ELECTRICAL LIGHTING PLAN

E-201 ELECTRICAL SITE PLAN

A1	CODE ANALYSIS - 2021 INTERNATIONAL EXISTING BUILDING CODE	---	A3	DRAWING INDEX	---	A5	X	x
----	---	-----	----	---------------	-----	----	---	---

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Date: _____

SUBMITTAL: Schematic Design Development Construction Document

SC CODE EDITION: _____ ICC CODE EDITION: 2021 ICC A117.1 EDITION: 2017 OSF GUIDE EDITION: 2020
OTHER CODES/STANDARDS & EDITIONS: 2021 IEBC

PROJECT DESCRIPTION: [Brief Scope of Work & Include project delivery method (i.e. CMR, etc.)]
Modify concrete at front of school to be ANSI 117.1 compliant – Add secured vestibule to office entry – Add sidewalks from classroom wings to lower parking lot

BASIC BUILDING CODE INFORMATION

DESIGNATED AREAS OF BUILDING	Building Code	Area 1	Area 2	Area 3	Area 4	Area 5
CONSTRUCTION CLASSIFICATION TYPE	Section 602	<input type="checkbox"/> SCBC <input checked="" type="checkbox"/> SCEBC	<input type="checkbox"/> SCBC <input type="checkbox"/> SCEBC	<input type="checkbox"/> SCBC <input type="checkbox"/> SCEBC	<input type="checkbox"/> SCBC <input type="checkbox"/> SCEBC	<input type="checkbox"/> SCBC <input type="checkbox"/> SCEBC
OCCUPANCY GROUP (indicate all)	Section 302	E				
MOST RESTRICTIVE OCCUPANCY GROUP	Tables 504.3, 504.4 & 506.2	E				
Does building require Incidental Use Area Separation?	Table 509	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
Does building have Accessory Occupancy (ies)?	Section 508.2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
What is the aggregate square footage of the accessory occupancy (ies)?	Section 508.2	SF	SF	SF	SF	SF
What percent of the story is the aggregate of the accessory occupancy (ies)?	Section 508.2	%	%	%	%	%
Mixed Occupancy	Section 508	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Nonseparated <input type="checkbox"/> Separated	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Nonseparated <input type="checkbox"/> Separated	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Nonseparated <input type="checkbox"/> Separated	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Nonseparated <input type="checkbox"/> Separated	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Nonseparated <input type="checkbox"/> Separated

1 of 22 Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Option 3: Performance Compliance Method (Ch. 3, 13) Option 3: Performance Compliance Method (Ch. 3, 13)

Original Building Code and Edition Applicable at the time of Construction: _____

Existing Fire Alarm System? YES NO YES NO

Existing Fire Alarm System? Manual Auto Manual Auto

Seismic Evaluation Required? YES NO YES NO

Change of Occupancy: YES NO YES NO

Historic Building: YES NO YES NO

Preservation Rehabilitation Restoration Reconstruction

Preservation Rehabilitation Restoration Reconstruction

SUMMARY - BUILDING DESIGN OCCUPANT LOAD

DESIGNATED AREAS OF BUILDING	Area 1	Area 2	Area 3	Area 4	Area 5
1 st FLOOR					
2 nd FLOOR					
3 rd FLOOR					
4 th FLOOR					
TOTAL	0	0	0	0	0

Note: Per SC Building Code Chapter 10, list the total spaces occupant load on life safety plan. Double Click on this Table.

4 of 22 Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

EXISTING BUILDING CODE INFORMATION [SCEBC]

DESIGNATED AREAS OF BUILDING	Area 1	Area 2	Area 3
Method of Compliance: (Check only one Option and all items that apply under that Option.)	<input type="checkbox"/> Option 1: Prescriptive Compliance Method (Ch. 3, 5) <input type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 1: Prescriptive Compliance Method (Ch. 3, 5) <input type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 1: Prescriptive Compliance Method (Ch. 3, 5) <input type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Historic Building
	<input type="checkbox"/> Option 2: Work Area Compliance Method (Ch. 3, 6-12) <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2 <input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input checked="" type="checkbox"/> Additions <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 2: Work Area Compliance Method (Ch. 3, 6-12) <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2 <input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Additions <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 2: Work Area Compliance Method (Ch. 3, 6-12) <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2 <input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Additions <input type="checkbox"/> Historic Building
Aggregate area of building: 139,010 SF Work area: 83 SF	Aggregate area of building: SF Work area: SF	Aggregate area of building: SF Work area: SF	Aggregate area of building: SF Work area: SF
Original Building Code and Edition Applicable at the time of Construction: 1997 SBCCI			
Existing Fire Alarm System? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
Existing Fire Alarm System? <input checked="" type="checkbox"/> Manual <input type="checkbox"/> Auto	<input type="checkbox"/> Manual <input type="checkbox"/> Auto	<input type="checkbox"/> Manual <input type="checkbox"/> Auto	<input type="checkbox"/> Manual <input type="checkbox"/> Auto
Seismic Evaluation Required? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

2 of 22 Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

ALLOWABLE BUILDING AREA

DESIGNATED AREAS OF BUILDING	Area 1	Area 2	Area 3	Area 4	Area 5

5 of 22 Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Change of Occupancy: YES NO

Existing Occupancy Class(s): _____

New Occupancy Classification(s): _____

Historic Building: YES NO

Preservation Rehabilitation Restoration Reconstruction

Preservation Rehabilitation Restoration Reconstruction

Preservation Rehabilitation Restoration Reconstruction

Preservation Rehabilitation Restoration Reconstruction

EXISTING BUILDING CODE INFORMATION [SCEBC]

DESIGNATED AREAS OF BUILDING	Area 4	Area 5
Method of Compliance: (Check only one Option and all items that apply under that Option.)	<input type="checkbox"/> Option 1: Prescriptive Compliance Method (Ch. 3, 5) <input type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 1: Prescriptive Compliance Method (Ch. 3, 5) <input type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Historic Building
	<input type="checkbox"/> Option 2: Work Area Compliance Method (Ch. 3, 6-12) <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2 <input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Additions <input type="checkbox"/> Historic Building	<input type="checkbox"/> Option 2: Work Area Compliance Method (Ch. 3, 6-12) <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2 <input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Additions <input type="checkbox"/> Historic Building
Aggregate area of building: SF Work area: SF	Aggregate area of building: SF Work area: SF	Aggregate area of building: SF Work area: SF

3 of 22 Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

$A_t = \text{Tabular allowable area factor (NS, S1, S13R or SM as applicable) in accordance with IBC Table 506.2}$

$A_i = \text{SF}$ $A_1 = \text{SF}$ $A_2 = \text{SF}$ $A_3 = \text{SF}$ $A_4 = \text{SF}$ $A_5 = \text{SF}$

Allowable Area Increase (Equations 5-1 through 5-5, as applicable)

IBC Section 506.3.2 Equation 5-4: $W = (L_1 \times w_1 + L_2 \times w_2 + L_3 \times w_3) \times 0.75$

$W = \text{Width of public way or open space}$

$L_n = \text{Length of a portion of the exterior perimeter wall}$

$w_n = \text{Width } (\geq 20 \text{ feet}) \text{ of public way or open space associated with that portion of the exterior perimeter wall.}$

$F = \text{Building perimeter that fronts on a public way or open space having a width of 20 feet or more}$

IBC Section 506.3.3 Equation 5-5 where:

$I_r = [F/P - 0.25] W/30$

$I_r = \text{Area factor increase factor due to frontage}$

$F = \text{Building perimeter that fronts on a public way or open space having a width of 20 feet or more.}$

$P = \text{Perimeter of entire building (feet).}$

$W = \text{Width of public way or open space in accordance with Equation 5-4}$

6 of 22 Version April 2021

DESIGN AND CONSTRUCTION RELATED PERMITS & APPROVALS

TYPE OF DEVELOPMENT	SC LAW OR REGULATION	WHERE TO OBTAIN PERMIT / APPROVAL	STATUS
AIR POLLUTANT DISCHARGE	48-1-10, R61-62.1	SCDHEC - BUREAU OF AIR QUALITY	N/A
ASBESTOS ABATEMENT	R-61 - 86.1	SCDHEC - BUREAU OF AIR QUALITY	N/A
BUILDING CONSTRUCTION, ZONING	6-7-830, 6-9-110	LOCAL AUTHORITY	PENDING
COMMUNITY RESIDENTIAL CARE FACILITY	R61-84	SCDHEC - HEALTHCARE FACILITIES LICENSING	N/A
CONSTRUCTION IN CRITICAL COASTAL AREAS	48-39-10, 130, 190	SCDHEC - OCEAN & COASTAL RES. MGMT	N/A
CONSTRUCTION IN NAVIGABLE WATERS	49-1-16	SCDHEC - BUREAU OF WATER	N/A
DAMS AND RESEVOIRS	49-11-200, R72-1, 2, 3	SCDHEC - BUREAU OF WATER	N/A
DEMOLITION OF REAL PROPERTY	R61 - 86.1	SCDHEC - BUREAU OF AIR QUALITY	N/A
DESIGN REVIEW BOARD (BARS, SC DEPT ARCHIVES & HISTORY, ETC)	VARIOUS LOCAL	VARIOUS LOCAL	N/A
EARLY CHILDHOOD DEVELOPMENT	R114-500	SCDSS - CHILD CARE LICENSING	N/A
ELEVATORS	41-16-10, R71-5000-5900	SCLLR	N/A
FIRE DEPARTMENT (LOCAL)	VARIOUS LOCAL & STATE	SERVICING FIRE DEPARTMENT	N/A
FIRE, BUILDING, AUTOMATIC SPRINKLER SYSTEM AND UNDERGROUND SUPPLY	40-10-260, R71-8300.4	STATE FIRE MARSHAL	N/A
FLOODPLAINS, CONSTRUCTION IN	EXEC. ORDER 82-19	SCDNR	N/A
FOOD SERVICE INCLUDING CONCESSION AND TEMPORARY	R61-25	SCDHEC - STATE AND LOCAL OFFICE	N/A
HAZARDOUS WASTE MANAGEMENT, STORAGE AND DISPOSAL	44-56-20, 60, R.61-79	SCDHEC - BUREAU OF LAND & WASTE MANAGEMENT	N/A
HISTORICAL BUILDING REHABILITATION	R12-125, 126	ARCHIVES AND HISTORY, LOCAL AUTHORITY	N/A
ROAD ENCROACHMENT, LOCAL ROAD	57-7-60	LOCAL CITY OR COUNTY AUTHORITY	N/A
ROAD ENCROACHMENT, STATE ROAD	57-5-1080	SCDOT TRAFFIC ENGINEERING OFFICE	N/A
SANITARY SEWER; GREASE TRAP	VARIOUS LOCAL	LOCAL CITY OR COUNTY WASTEWATER AUTHORITY	N/A
SANITARY SEWER; TREATMENT & DISPOSAL	R61-56, 57	SCDHEC - BUREAU OF WATER	N/A
SEPTIC TANK SYSTEM	R. 61-56	SCDHEC - BUREAU OF ENVIRONMENTAL HEALTH SERVICES	N/A
STORM WATER DISCHARGE, EROSION AND SEDIMENT CONTROL	R61-9; R72-100-108	SCDHEC - BUREAU OF WATER; STATE ENGINEER; LOCAL AUTHORITY	N/A
SWIMMING AREAS, NATURAL PUBLIC	R61-50	SCDHEC - BUREAU OF WATER	N/A
SWIMMING POOLS, PUBLIC	R661-51	SCDHEC - BUREAU OF WATER	N/A
UNDERGROUND STORAGE TANKS	R61-92	SCDHEC - BUREAU OF LAND & WASTE MANAGEMENT	N/A
WASTE DISCHARGE (SEWAGE, INDUSTRIAL WASTE, ETC.)	48-1-100, 110, R61-9	SCDHEC - BUREAU OF WATER	N/A
WATER SUPPLY, POTABLE	44-55-40, R61-57, 58	SCDHEC - BUREAU OF WATER	N/A
WELLS, UNDERGROUND INJECTION	R61-71, 87	SCDHEC - BUREAU OF LAND & WASTE MANAGEMENT	N/A
VOCATIONAL FACILITIES	VARIOUS	SCLLR BOARD OF COSMETOLOGY, SCLLR BOARD OF BARBER EXAMINERS, SCDHEC FOOD SERVICE	N/A
ZONING (MUNICIPAL, COUNTY OR DISTRICT)	VARIOUS	LOCAL	N/A

B4 APPLICABLE PERMITS LISTING (REFERNECE OSF 109.4) ---

THESE PORTIONS OF OSF FORM F3 ARE NOTE APPLICABLE FOR THE PROJECT - BUILDING IS AN EXISTING BUILDING

PLAN NORTH

REVISIONS

NO.	DATE	DESCRIPTION
0	14 APR 2023	ISSUE FOR OSF CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS LICENSING CERTIFICATE# 4629, 2753, 44627 & 44714

OSF FORM F3

HANDICAP ACCESSIBLE UPGRADES FOR BLUE RIDGE MIDDLE SCHOOL

ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS
620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864/242-5450
WWW.GWHSCARCHITECTS.COM

STATE OF SOUTH CAROLINA REGISTERED ARCHITECTS
ARD, WOOD, HOLCOMBE & SLATE, INC.
GREENVILLE, SC 29604

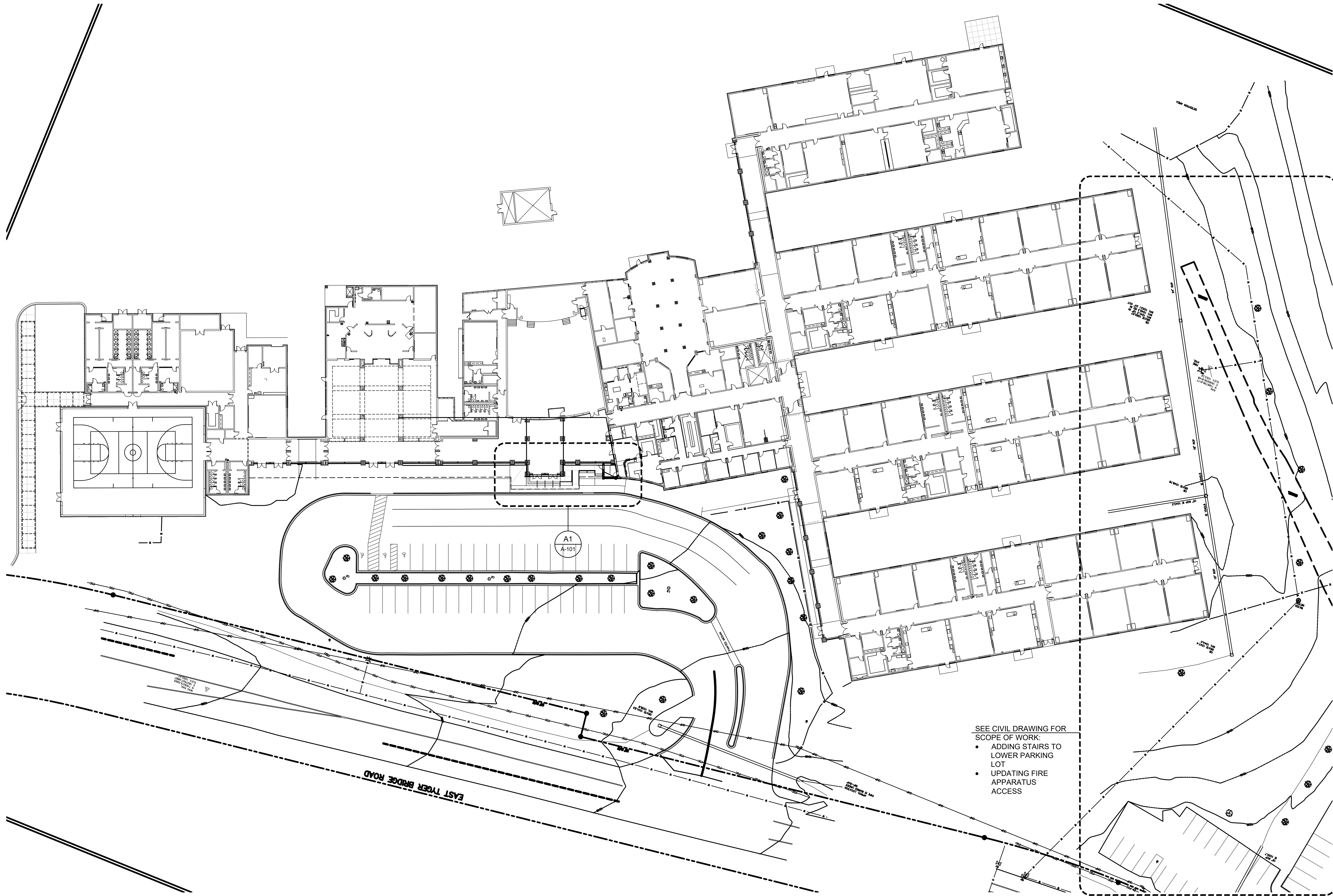
4-14-2023

DRAWN: EMB
JOB: 2205-020
DATE: 14 APR 2023

G-002
DRAWING NUMBER

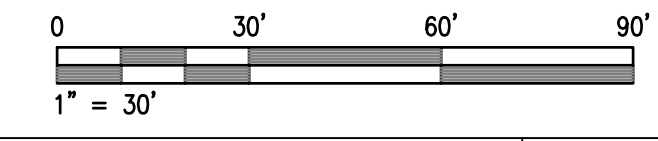
AWHS
ARCHITECTS

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022



SEE CIVIL DRAWING FOR SCOPE OF WORK:

- ADDING STAIRS TO LOWER PARKING LOT
- UPDATING FIRE APPARATUS ACCESS



REVISIONS	
DATE	DESCRIPTION
2 MAR 2023	DESIGN DEVELOPMENT - CSF REVIEW
14 APR 2023	ISSUE FOR CSF REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCAS CERTIFICATES 4637, 2753, 4427 & 4474

ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
620 N. MAIN STREET, SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242.5450
WWW.AWHSARCHITECTS.COM

REFERENCE FLOOR PLAN
HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
GREER, SOUTH CAROLINA



4-14-2023
DRAWN EMB
JOB 2205-020
DATE 14 APR 2023

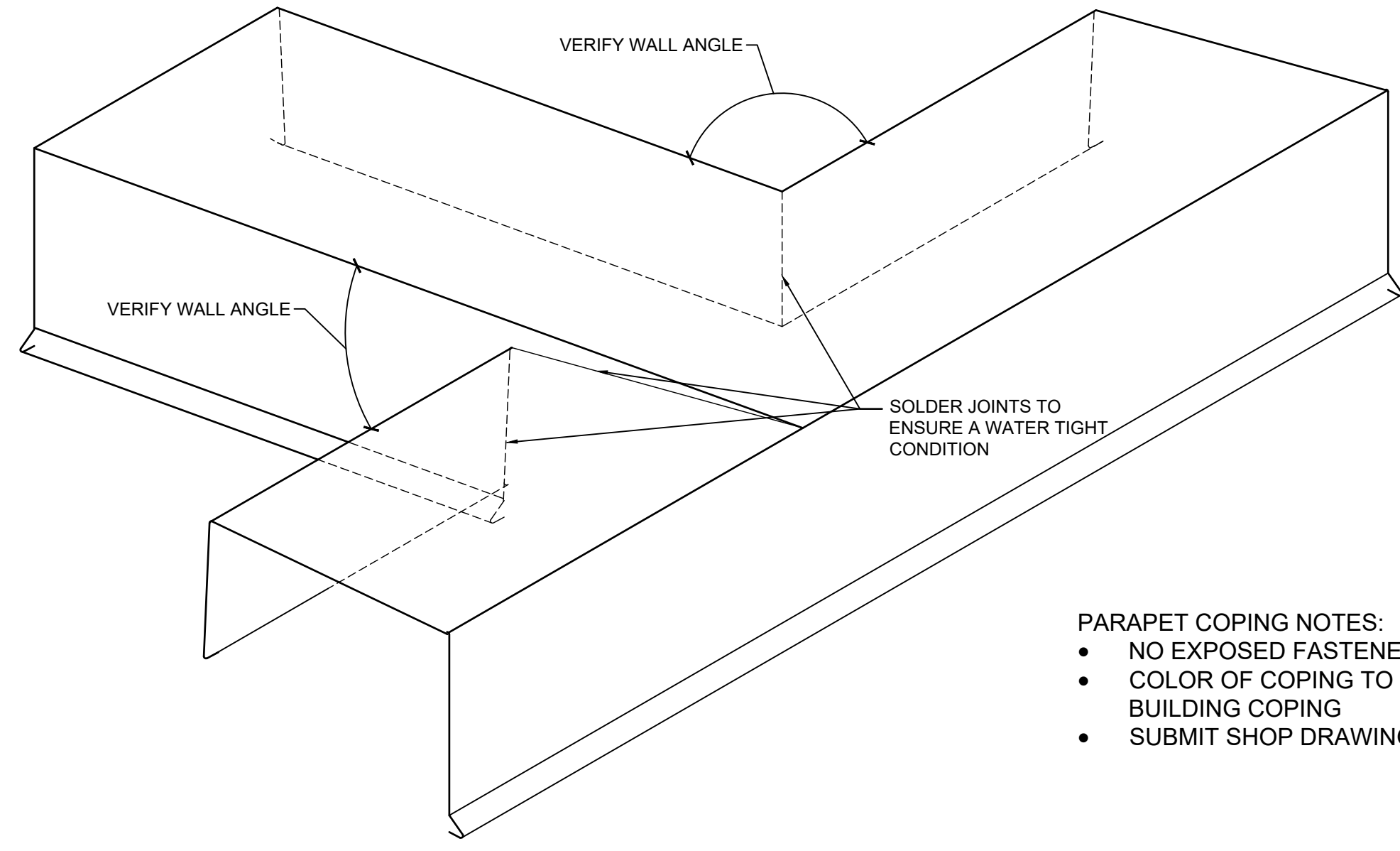
G-101
DRAWING NUMBER



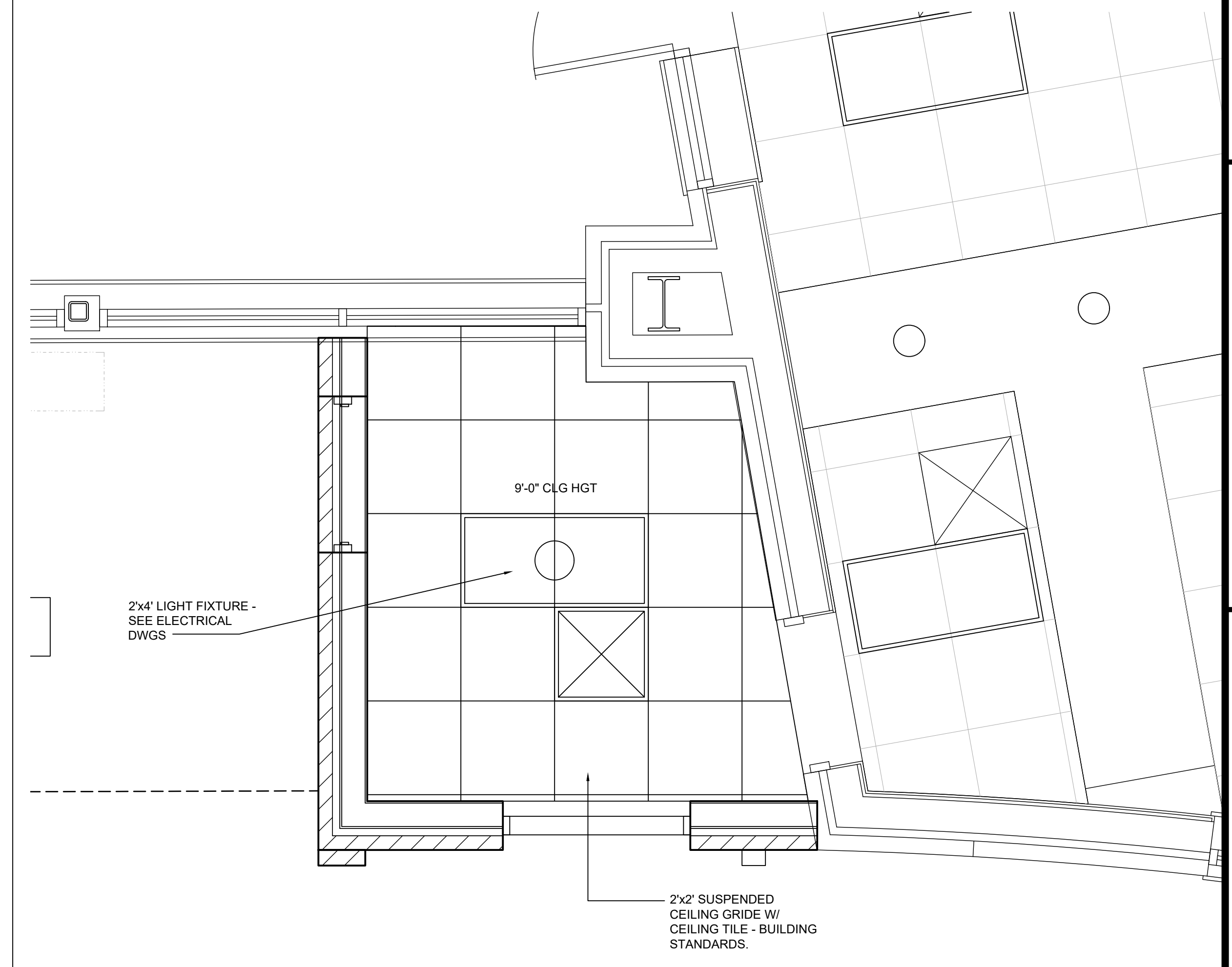
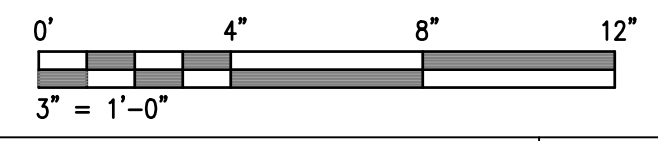
A1 OVERALL REFERENCE FLOOR PLAN

1" = 30'

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022 ARD, WOOD, HOLCOMBE & SLATE INCORPORATED ARCHITECTS AND PLANNERS.

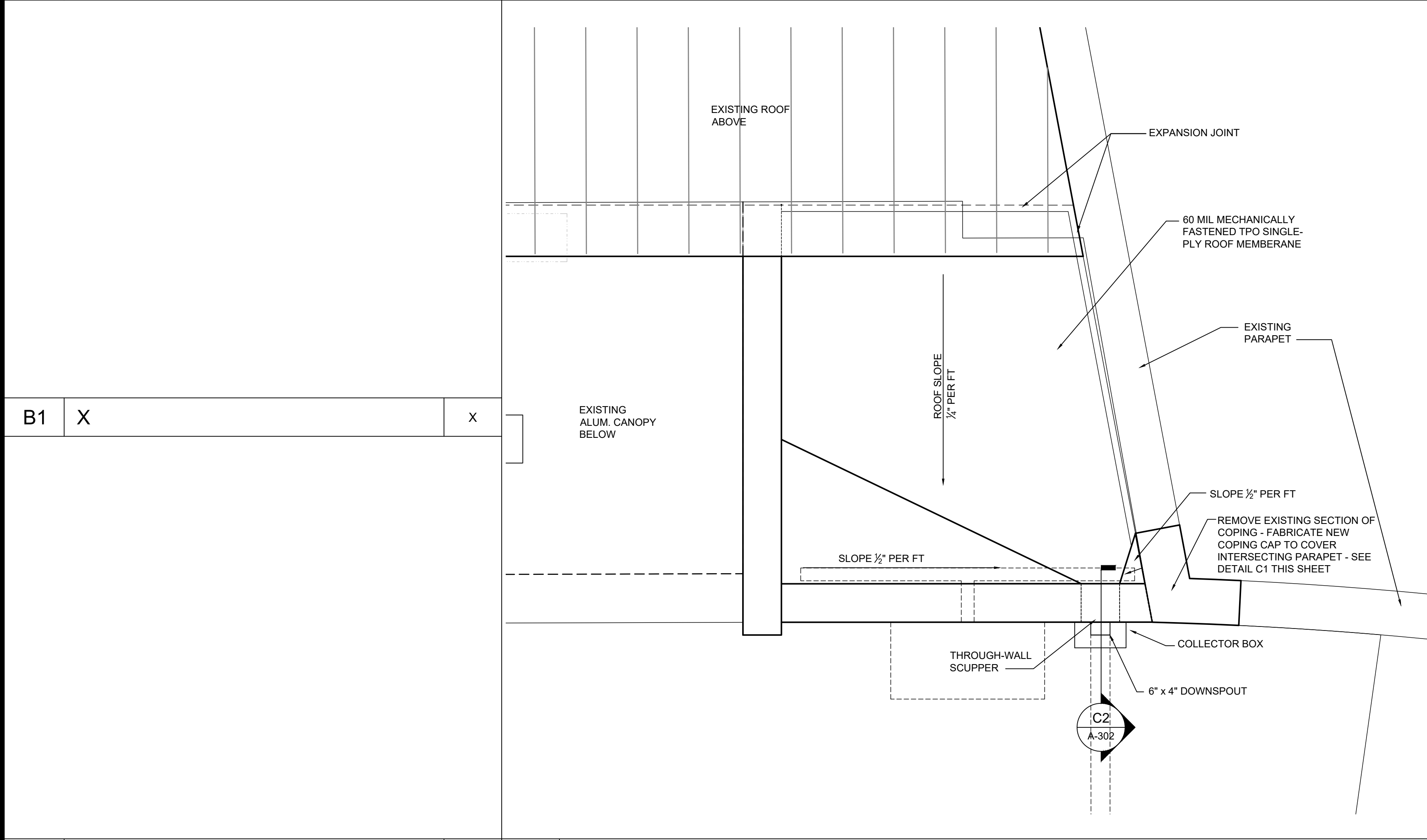


- PARAPET COPING NOTES:
- NO EXPOSED FASTENERS ON COPINGS
 - COLOR OF COPING TO MATCH EXISTING BUILDING COPING
 - SUBMIT SHOP DRAWINGS FOR COPINGS

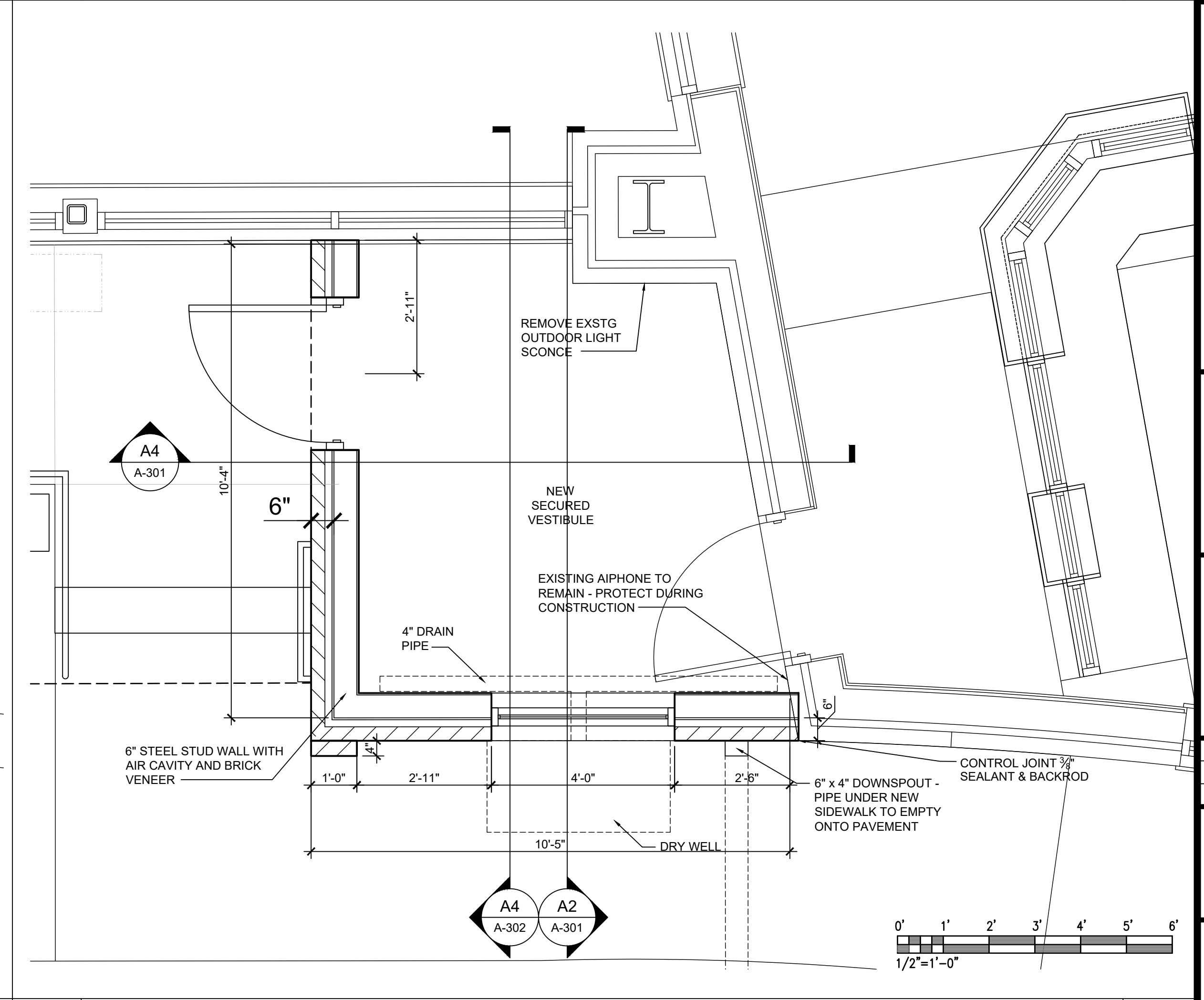


C1 INTERSECTING PARAPET COPING ISOMETRIC 3"

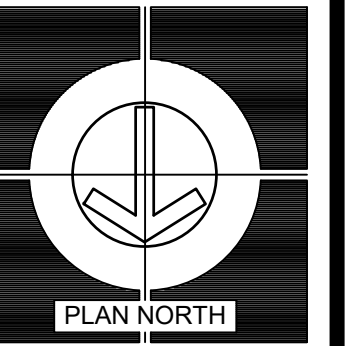
C4 ENLARGED REFLECTED CEILING PLAN 1/2"



A1 X A2 ROOF PLAN 1/2"



A4 ENLARGED FLOOR PLAN 1/2"



REVISIONS

DATE	MARK	DESCRIPTION
14 APR 2023	0	ISSUE FOR 05F CD REVIEW - ISSUE FOR BIDS

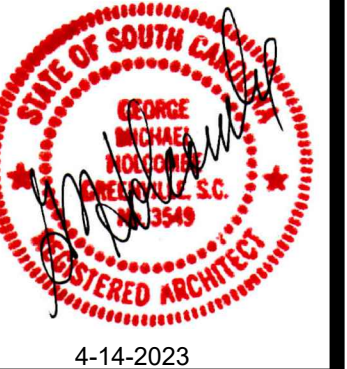
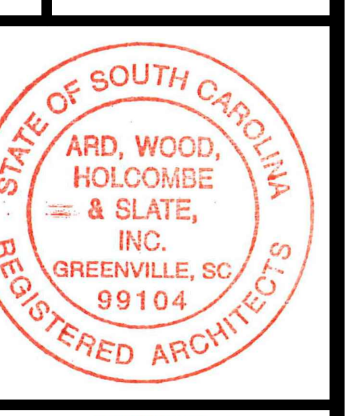
MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES: 4257, 2753, 4427 & 4474

ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS

620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242.5450
WWW.AWHSARCHITECTS.COM

ENLARGED FLOOR PLAN

HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
GREER, SOUTH CAROLINA



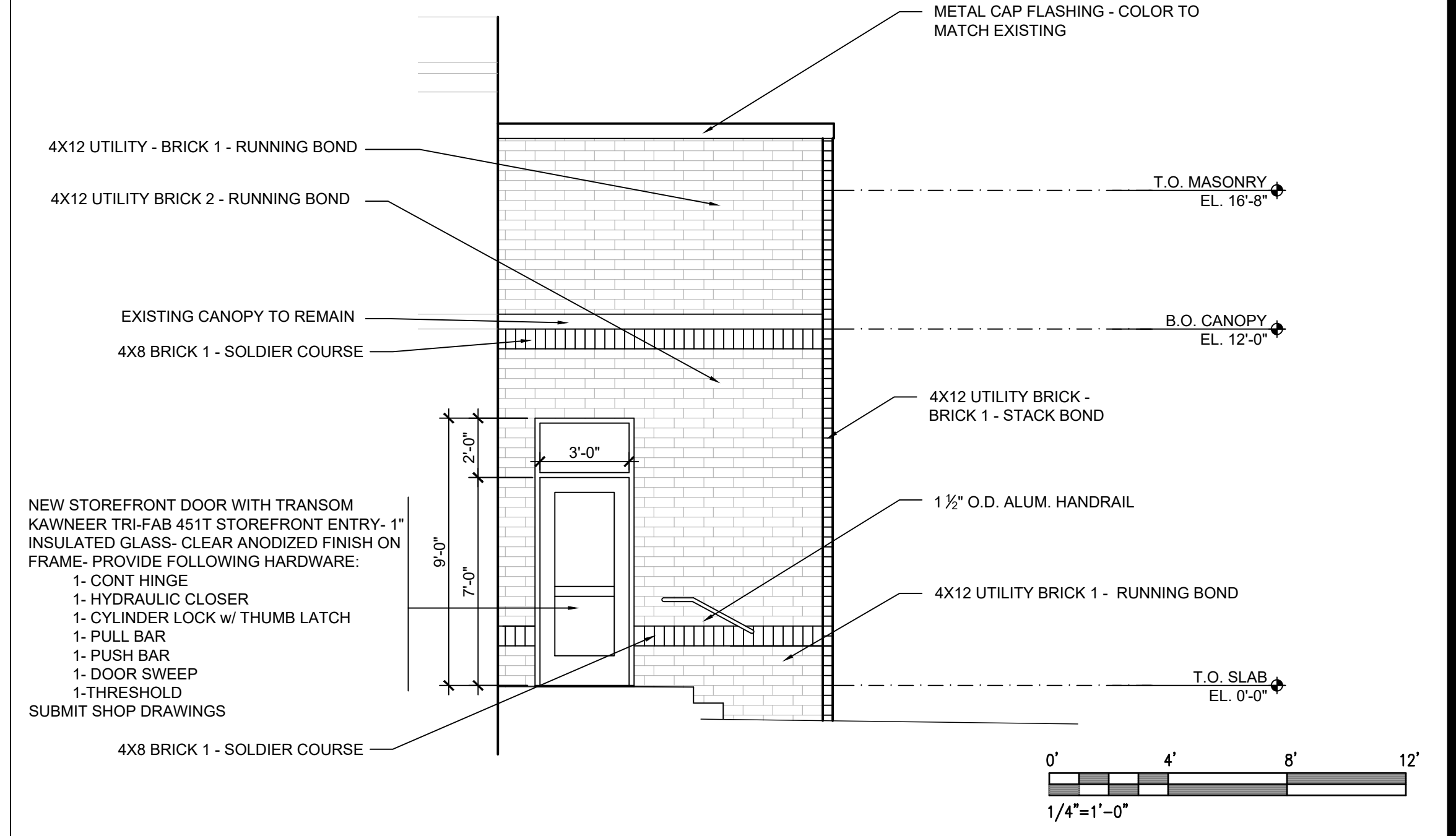
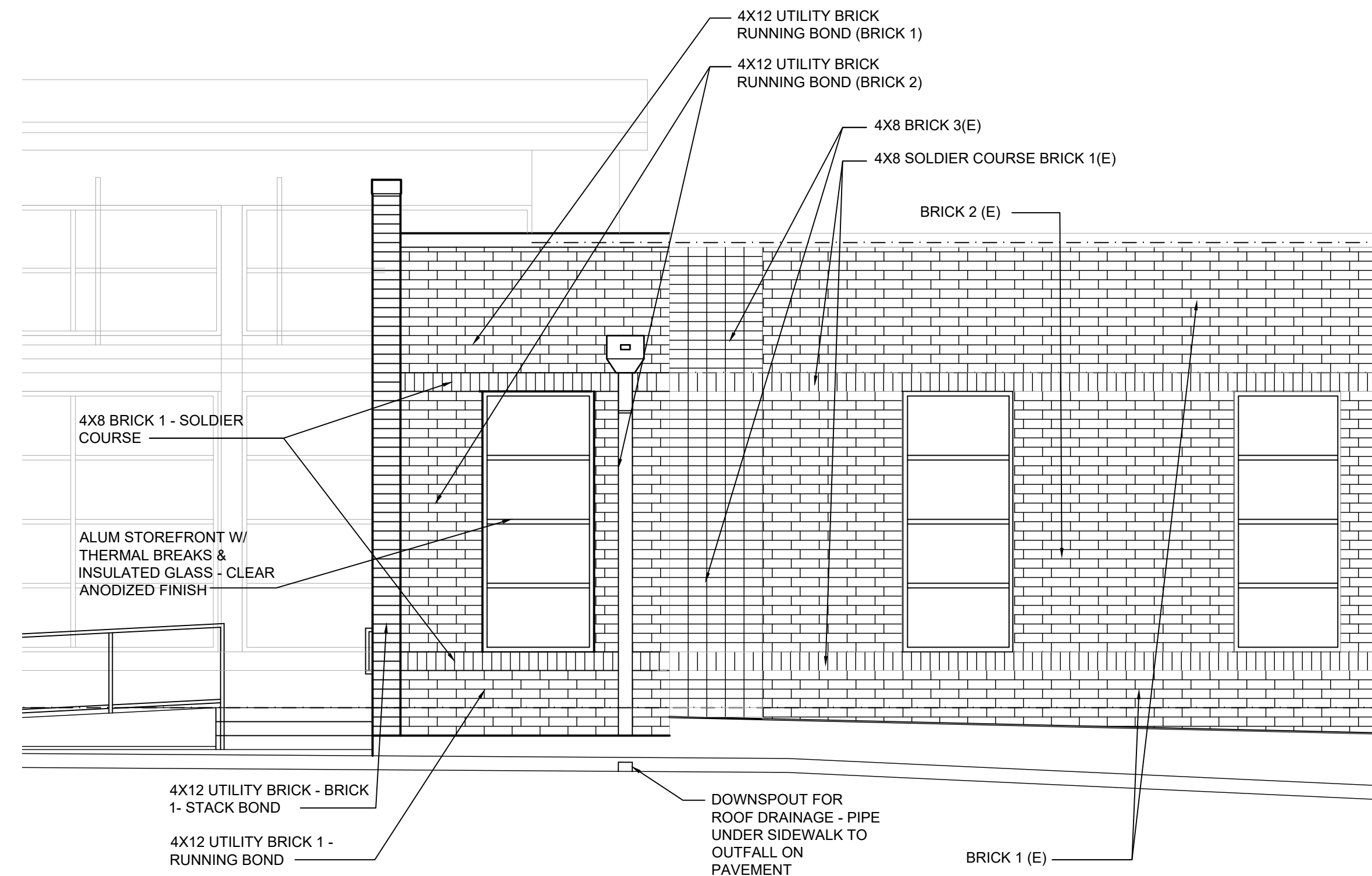
DRAWN	ASC
JOB	2205-020
DATE	14 APR 2023

A-102
DRAWING NUMBER



BRICK 1 - BORAL BRICK " MEDIUM BROWN" 10-670 WIRE CUT
 BRICK 2 - BORAL BRICK "CHAMPAGNE BEIGE" 10-933 WIRE CUT
 BRICK 3 - BORAL BRICK " MEDIUM CHOCOLATE" 4605 WIRE CUT
 E - EXISTING

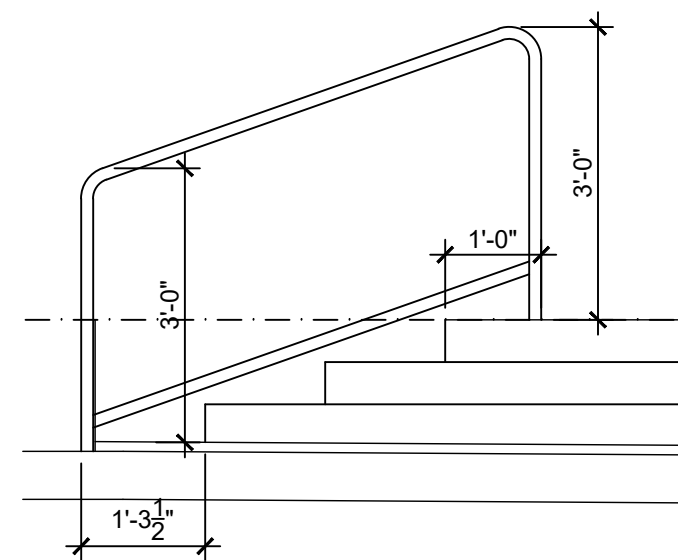
TYPICAL RAIL SPECIFICATION:
 RAMP AND STAIR HANDRAIL AND POST SHALL BE 1 1/2" O.D. SCHED 40 ALUMINUM PIPE, 606 3 ALLOY - T52 w/ A CLASS 1 NATURAL ANODIZED FINISH - POSTS SHALL BE SET IN CONCRETE IN A 2 1/2" DIA HOLE w/ A DEPTH OF 5" BELOW CONCRETE SURFACE w/ A 1" GROUT BED - POST TO BE SET IN QUICK - SETTING GROUT BED - PROVIDE A COVER PLATE



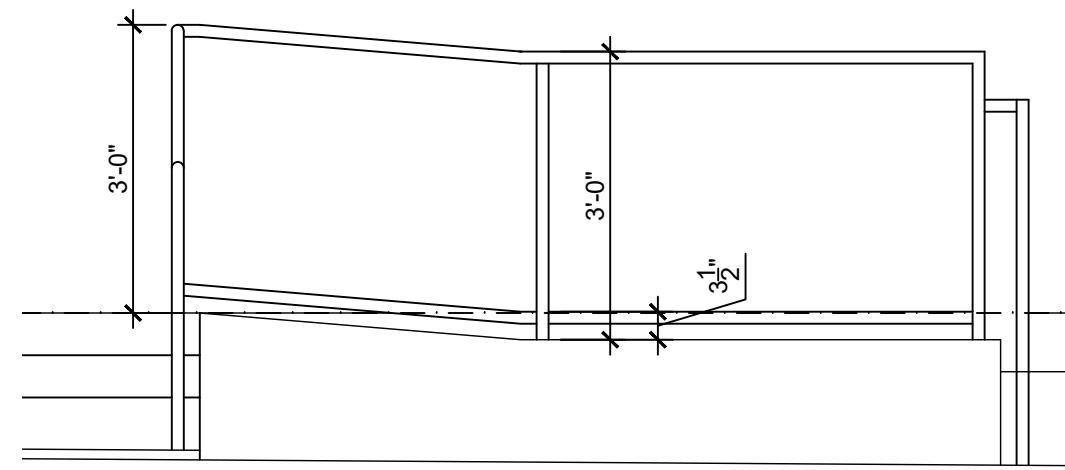
C1 ELEVATION NOTES

C2 ENLARGED ELEVATION

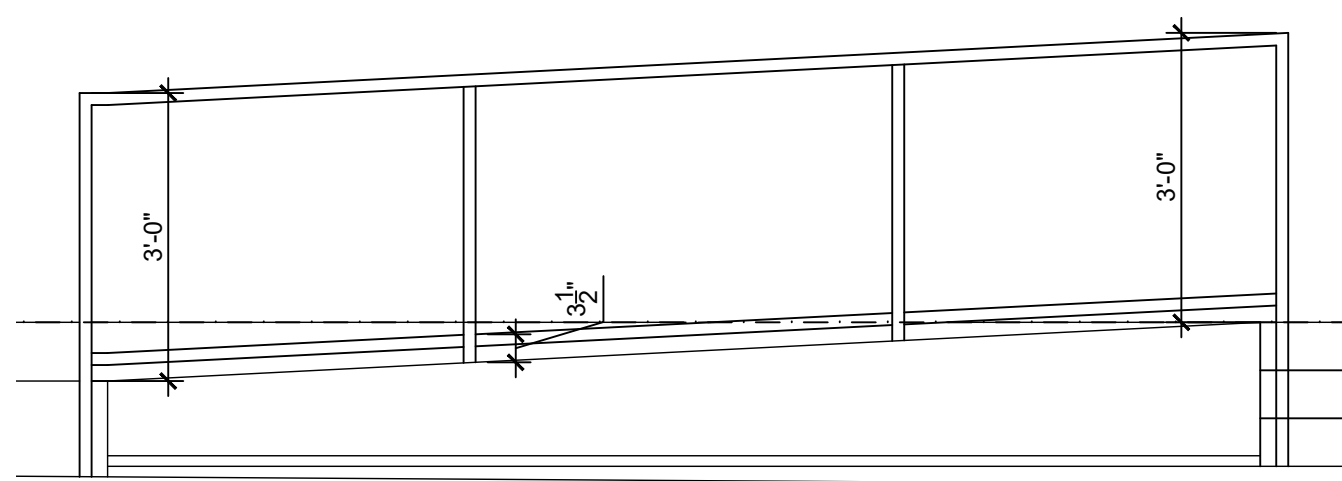
C4 ENLARGED ELEVATION



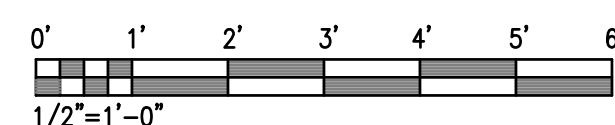
TYPICAL STAIR HANDRAIL



RAMP HANDRAIL

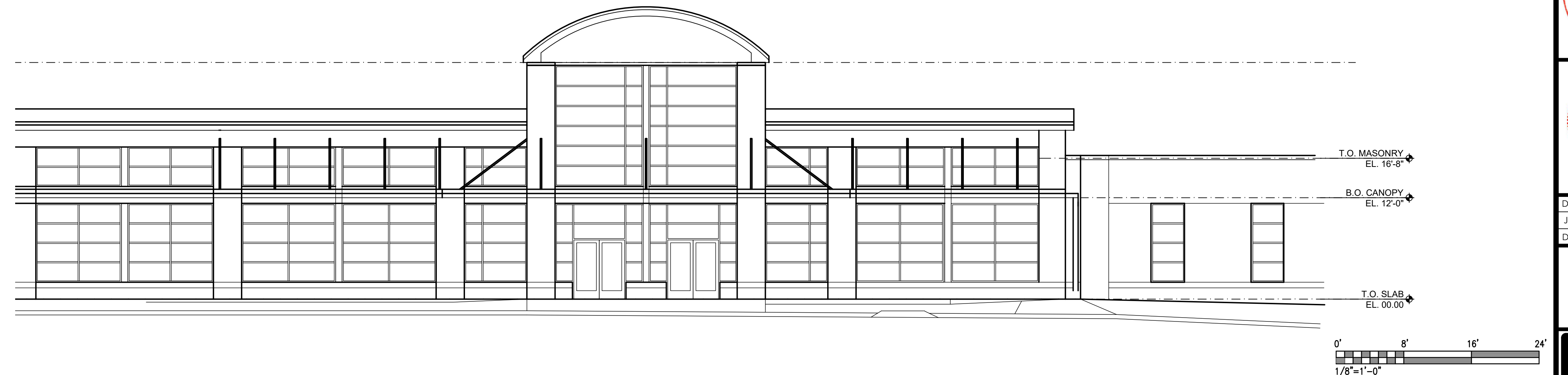
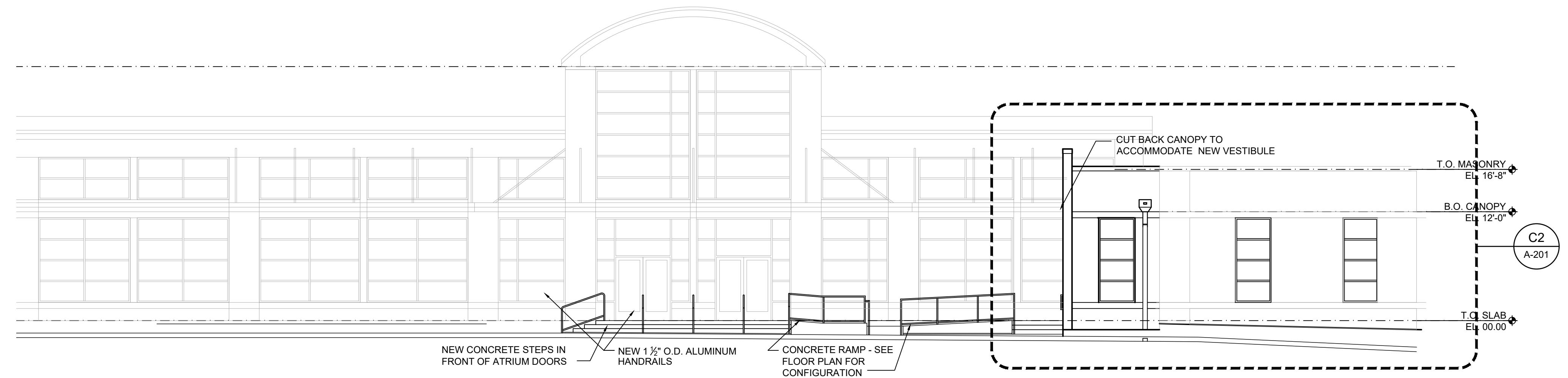


LONG RAMP HANDRAIL

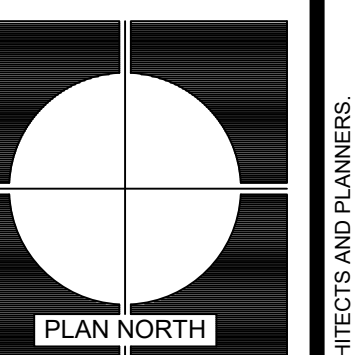


A1 RAILING ELEVATIONS

B2 PROPOSED FRONT ELEVATION



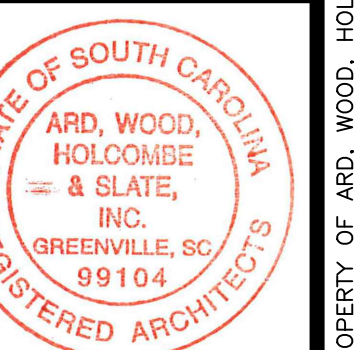
A2 EXISTING FRONT ELEVATION



REVISIONS	DATE	MARK	DESCRIPTION
	2 MAR 2023	A	DESIGN DEVELOPMENT - CSF REVIEW
	14 APR 2023	0	ISSUE FOR CSF CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
 NCARB CERTIFICATES 4257, 2753, 4427 & 4474
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 864.242.5450
 www.awhsarchitects.com

FRONT ELEVATIONS
 HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
 GREER, SOUTH CAROLINA



4-14-2023
 DRAWN EMB
 JOB 2205-020
 DATE 14 APR 2023

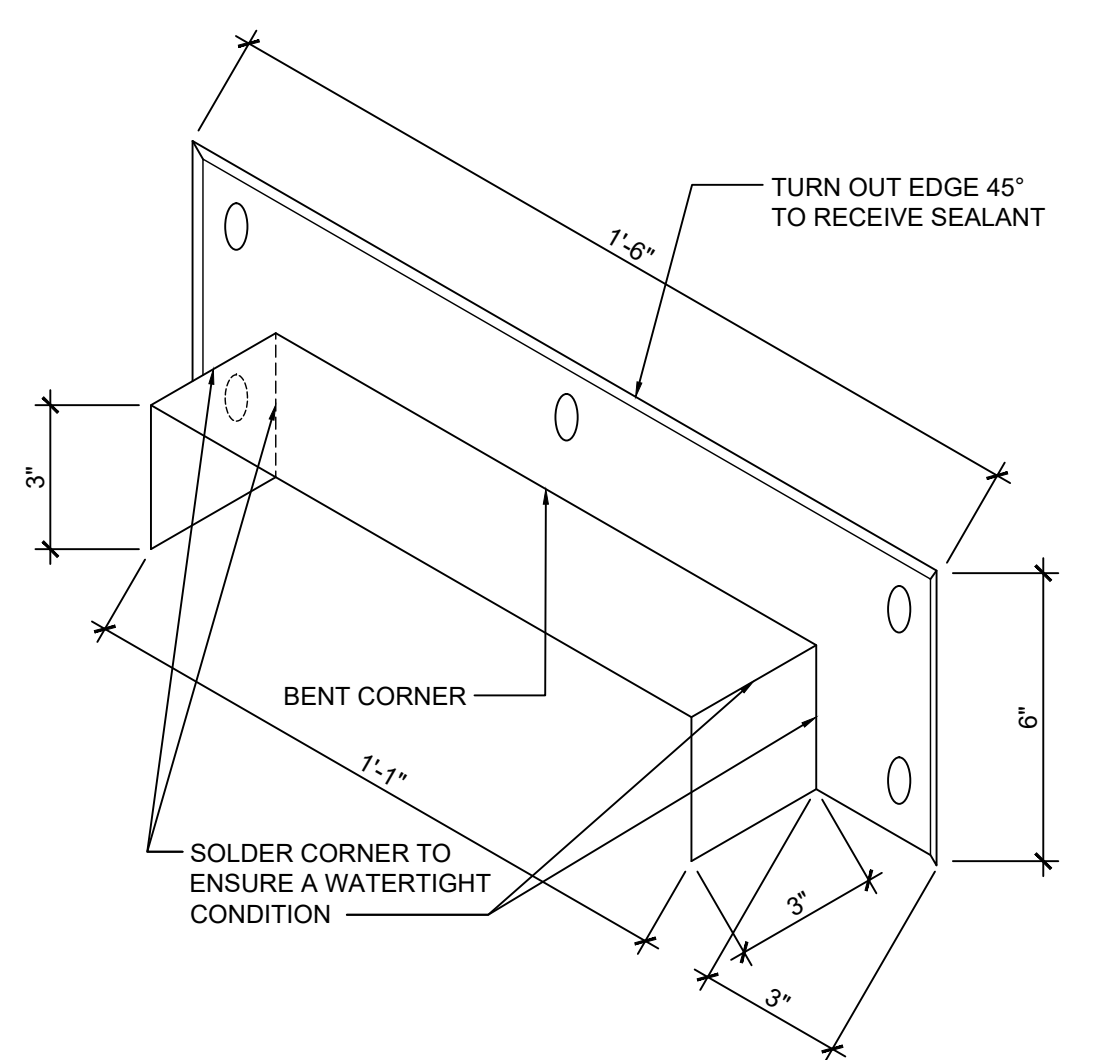
A-201
 DRAWING NUMBER



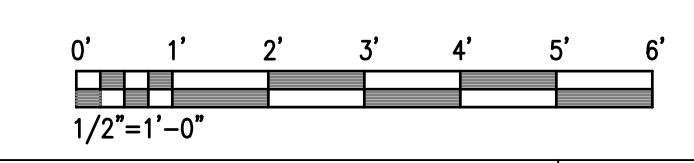
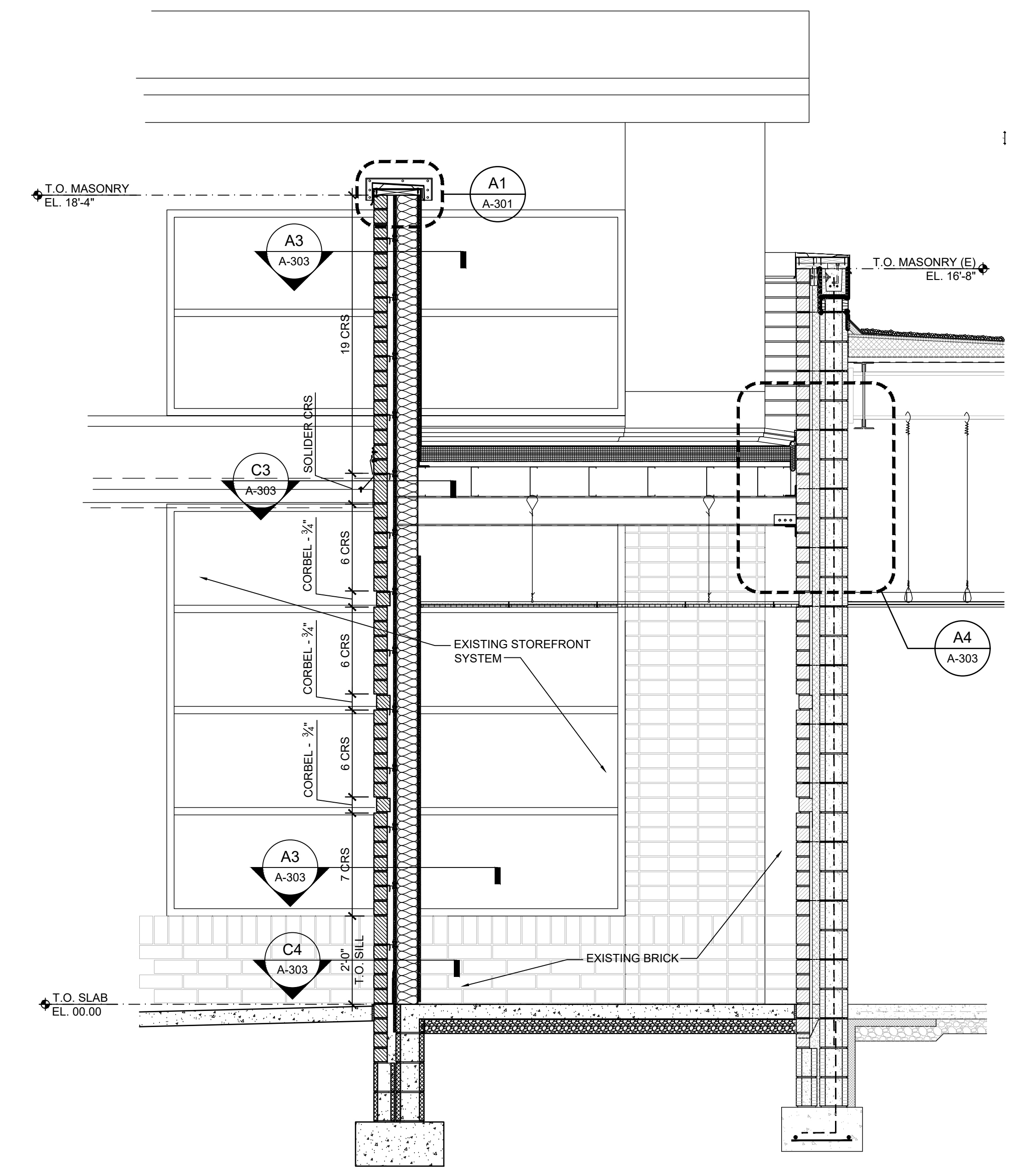
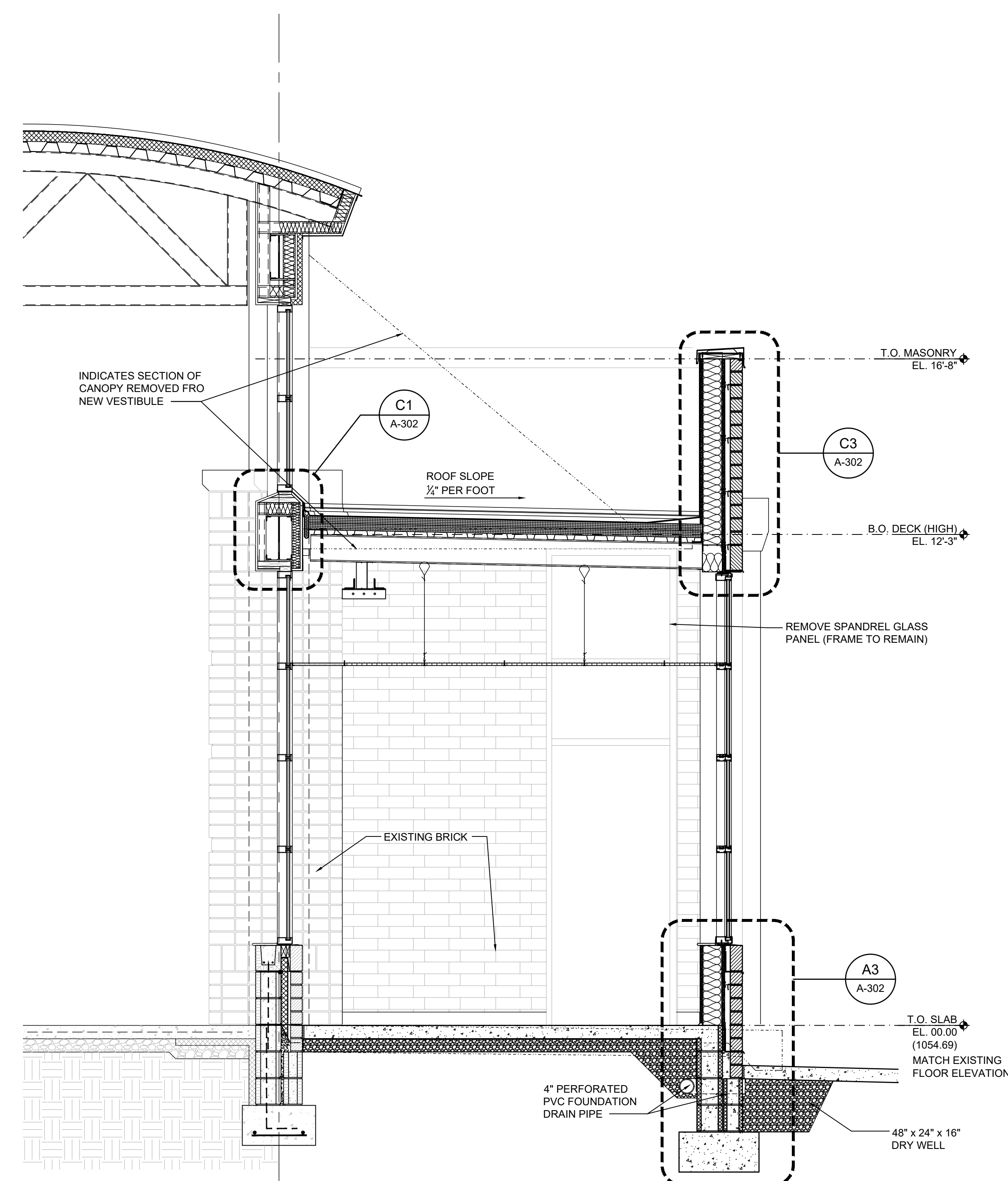
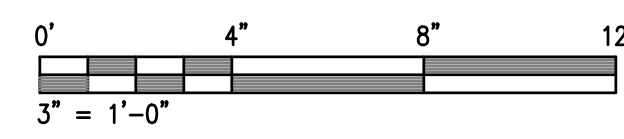
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022

D1	DETAIL TITLE	SCALE
----	--------------	-------

C1	X	X
----	---	---



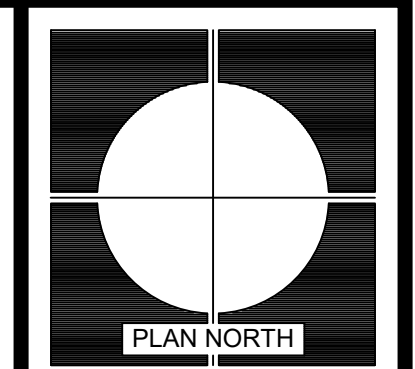
FABRICATE OUT OF 20ga BREAK METAL- SEE DETAILS FOR PAINT COLOR.



A1	SADDLE FLASHING	3"
----	-----------------	----

A2	CROSS SECTION	1/2"
----	---------------	------

A4	CROSS SECTION	1/2"
----	---------------	------



REVISIONS	DATE	MARK	DESCRIPTION
0	14 APR 2023		ISSUE FOR 05F CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES 46297, 27553, 44627 & 44714

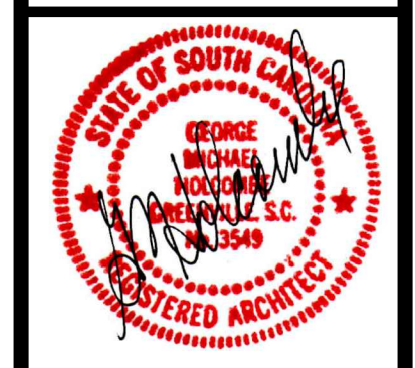
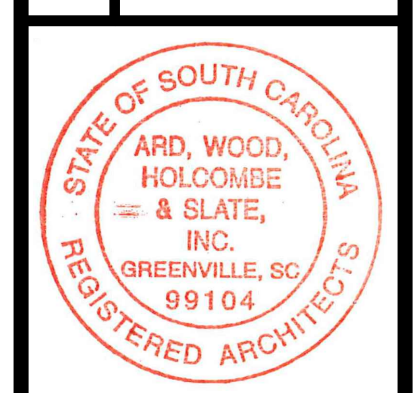
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS

620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242.5450
WWW.AWHSARCHITECTS.COM

CROSS SECTIONS

HANDICAP ACCESSIBLE UPGRADES FOR BLUE RIDGE MIDDLE SCHOOL

GREER, SOUTH CAROLINA

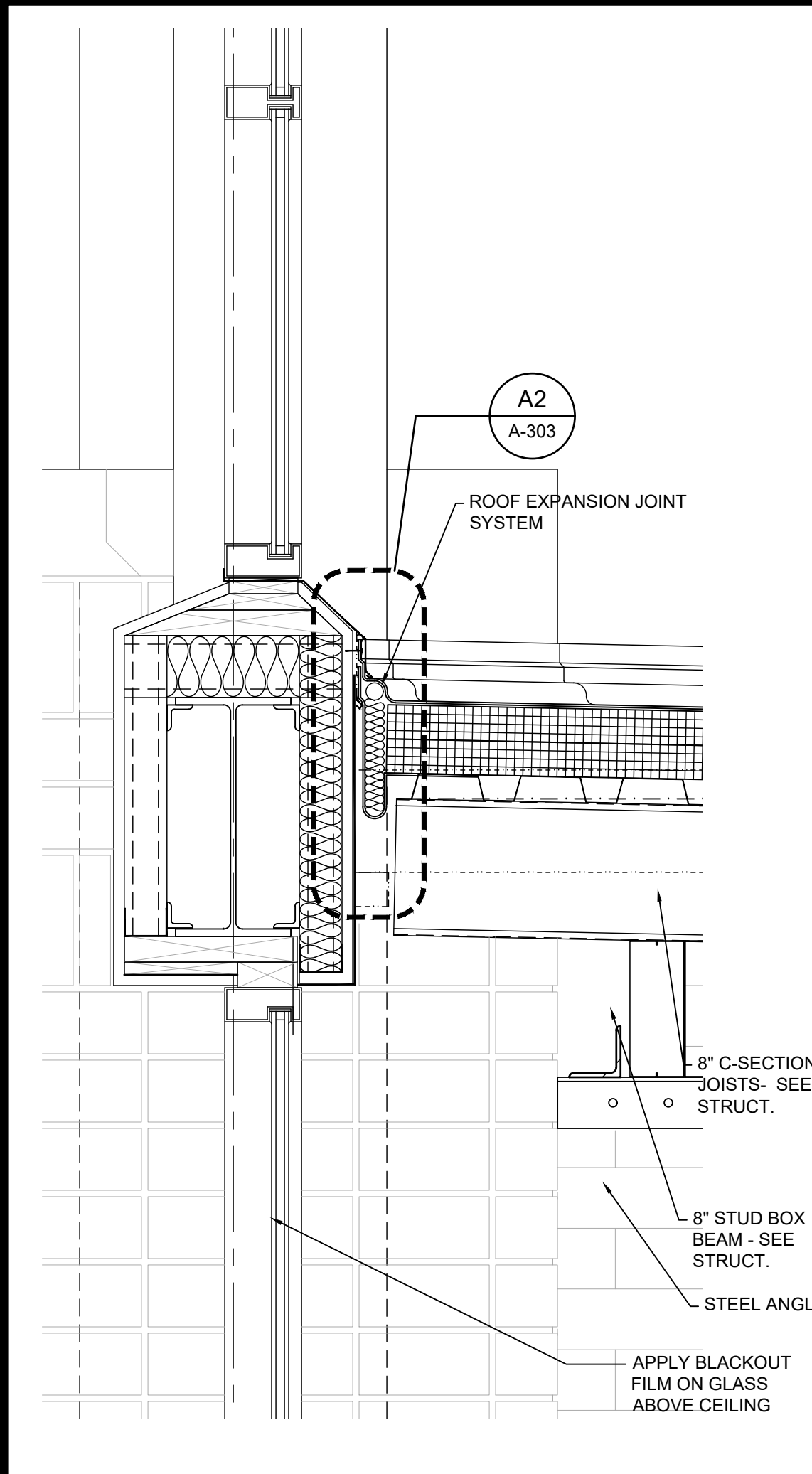


4-14-2023
DRAWN EMB
JOB 2205-020
DATE 14 APR 2023

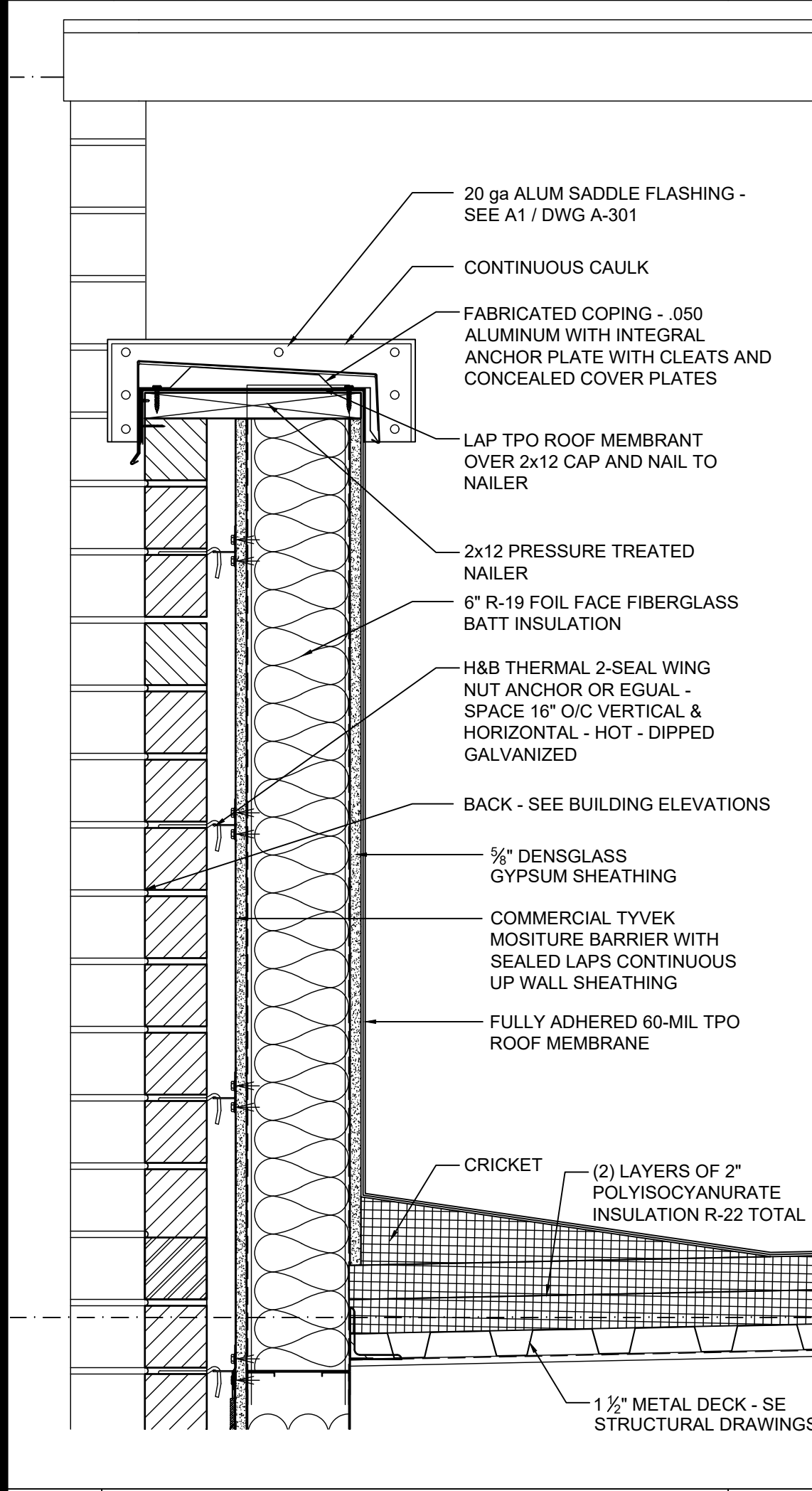
A-301
DRAWING NUMBER

AWHS
ARCHITECTS

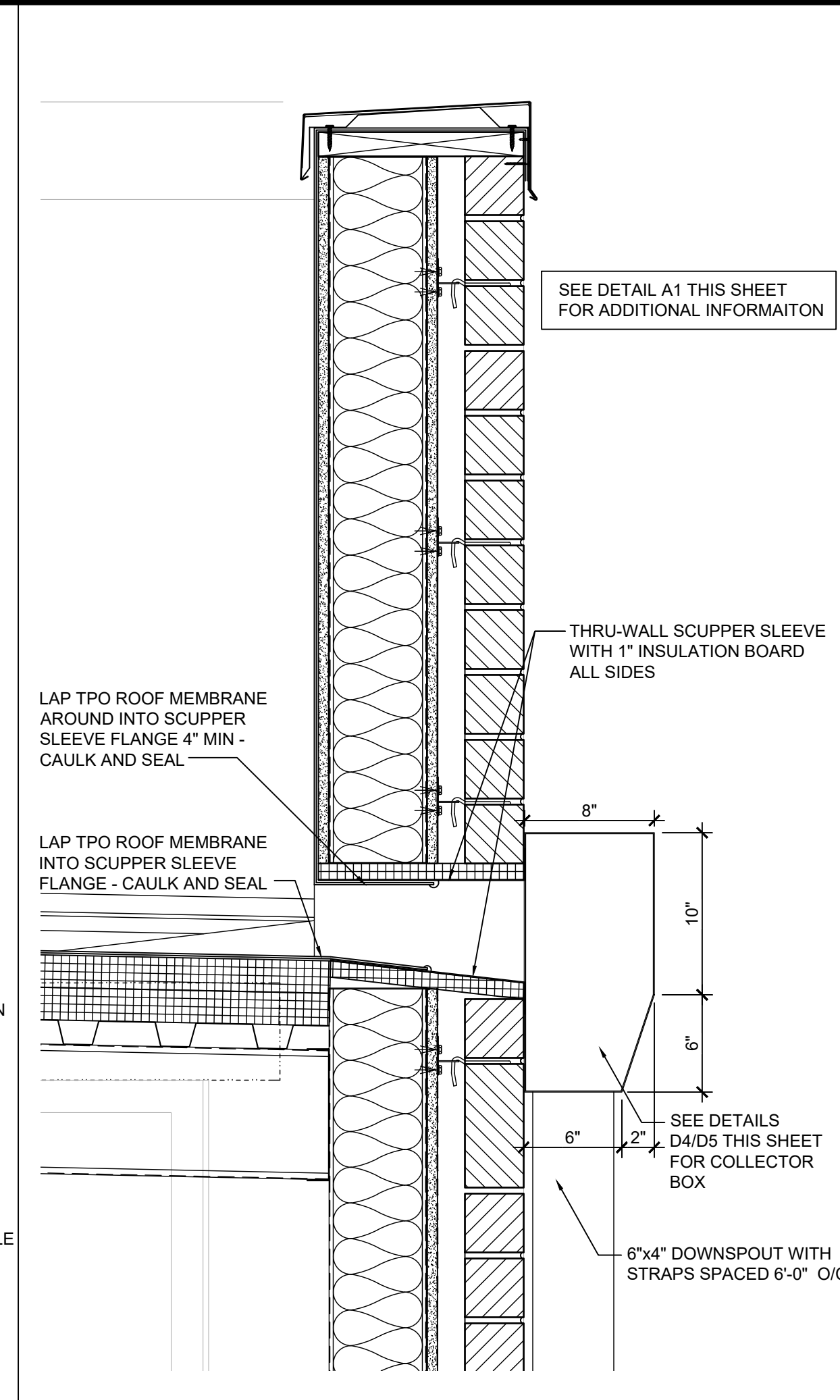
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022 ARD, WOOD, HOLCOMBE & SLATE INCORPORATED ARCHITECTS AND PLANNERS.



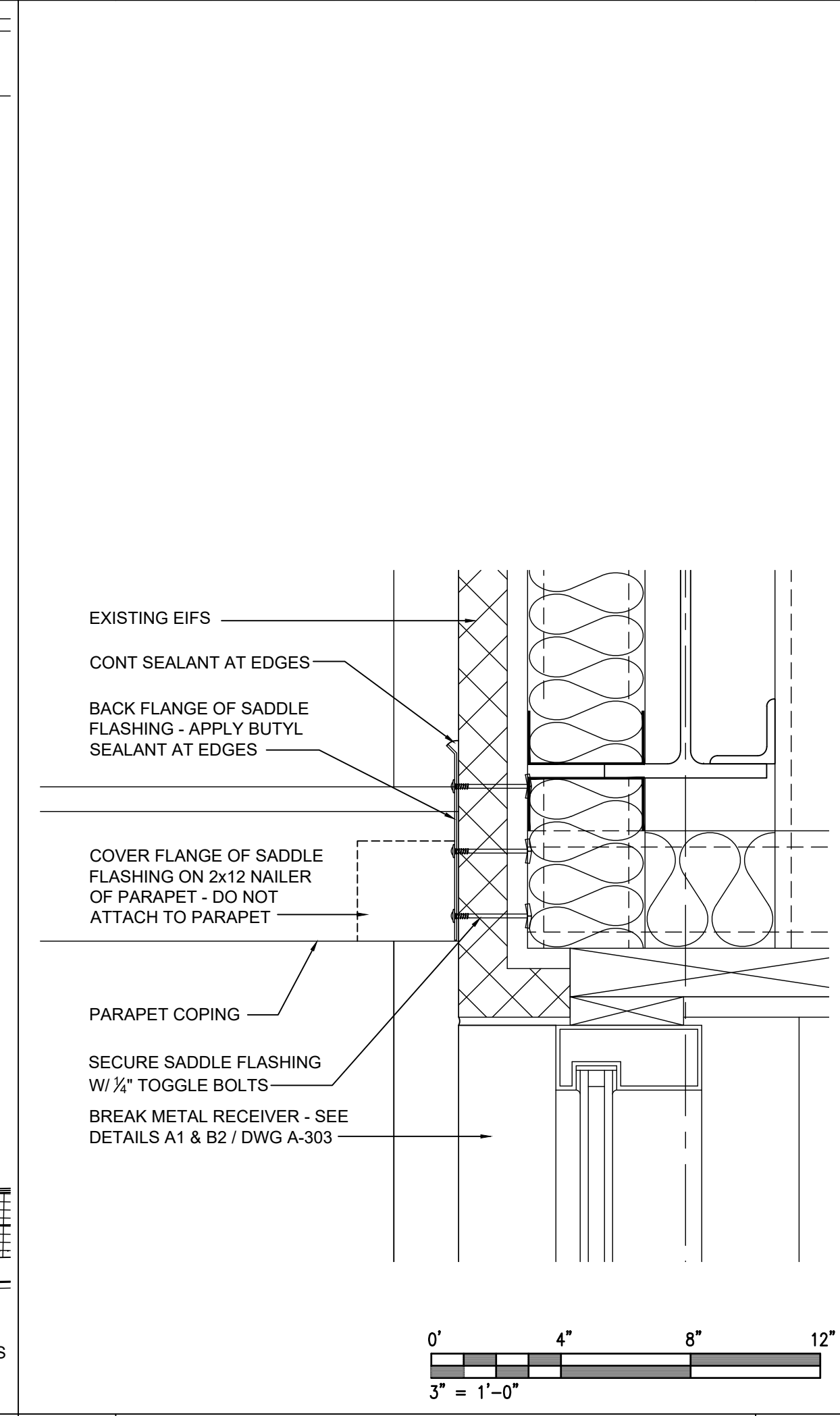
C1 ROOF EXPANSION JOINT DETAIL 1 1/2"



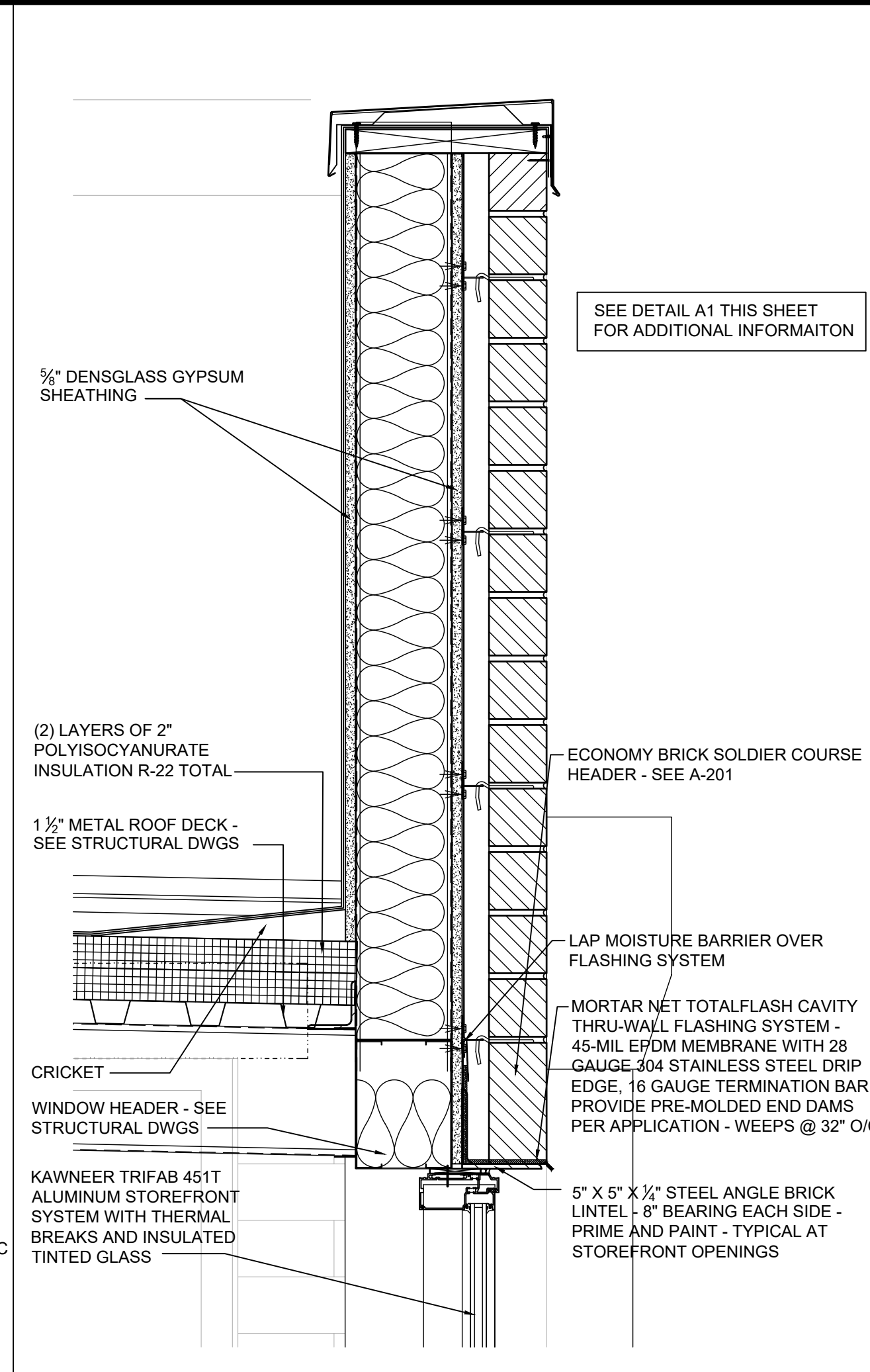
A1 PARAPET / TAPERED INSULATION DETAIL 1 1/2"



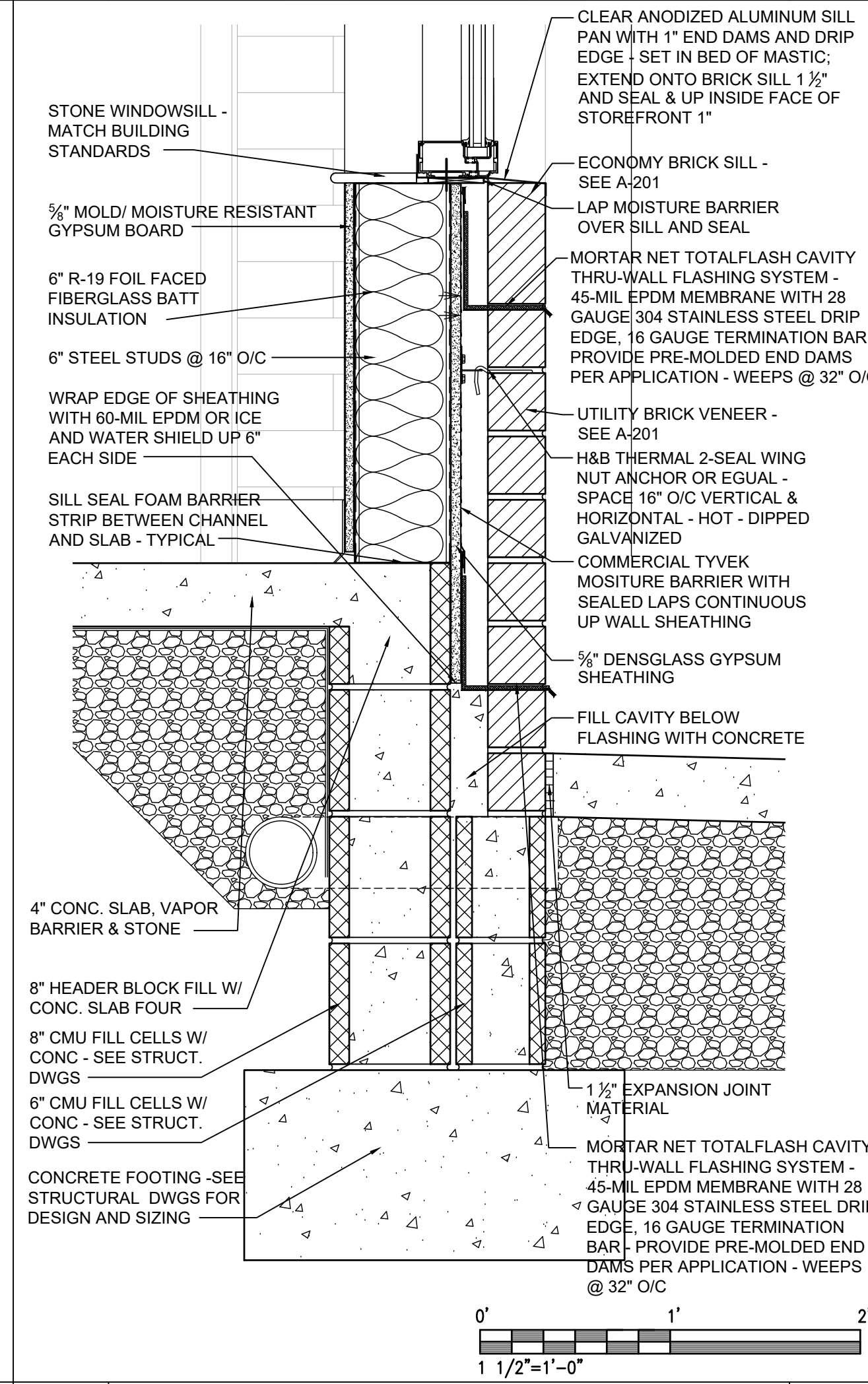
C2 THRU-WALL SCUPPER SECTION 1 1/2"



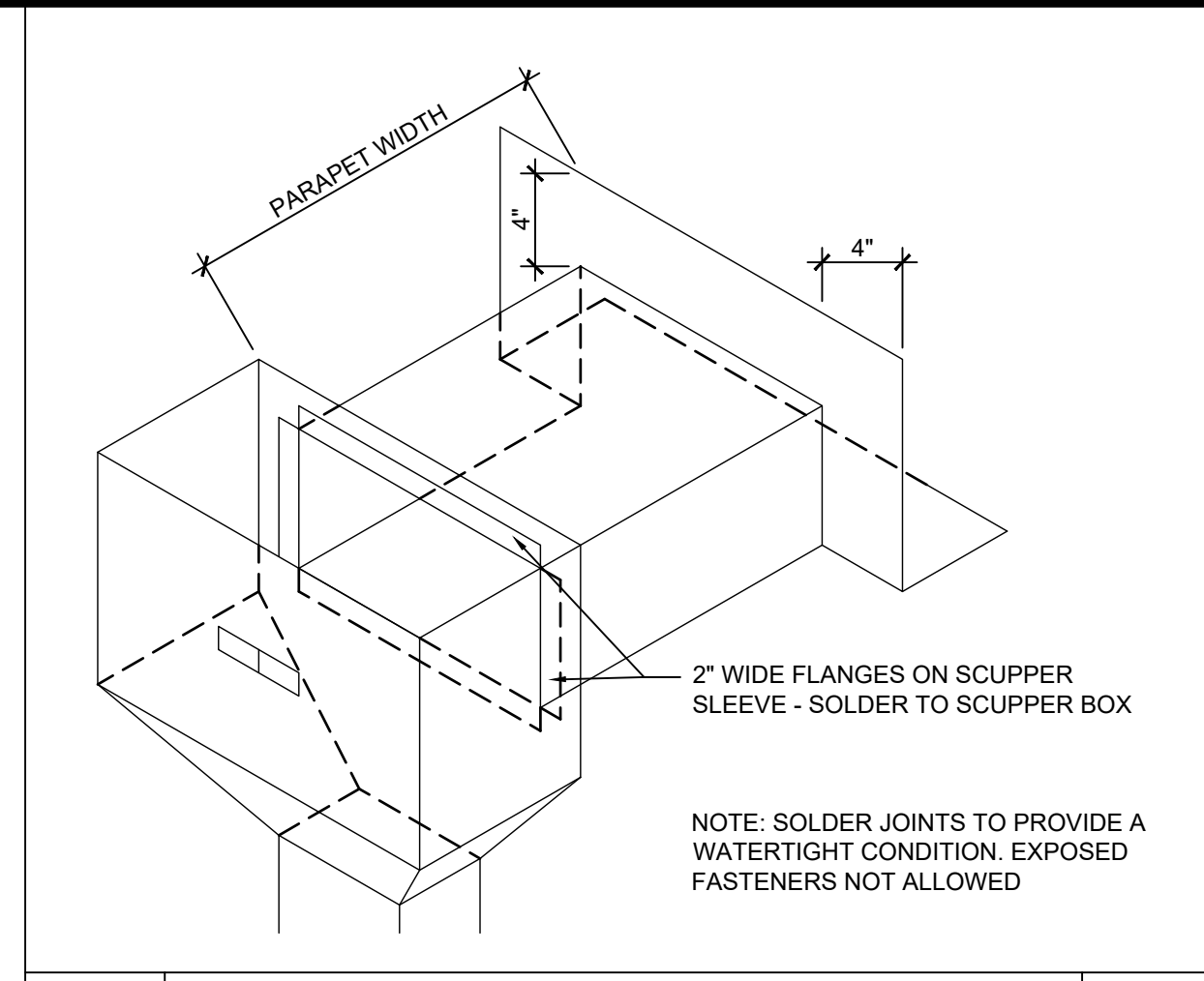
A2 SADDLE FLASHING DETAIL 3"



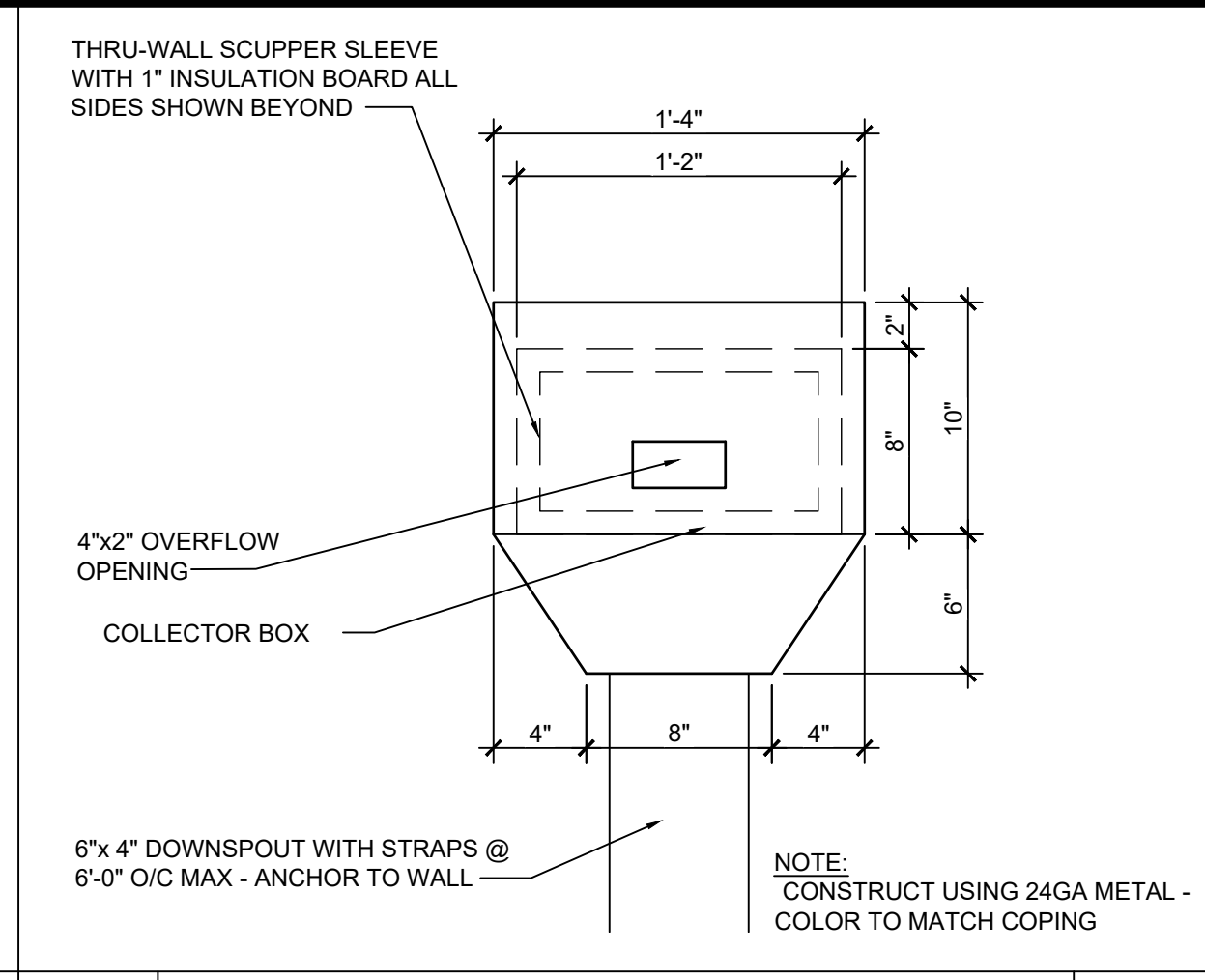
C3 STOREFRONT HEAD/ PARAPET DETAIL 1 1/2"



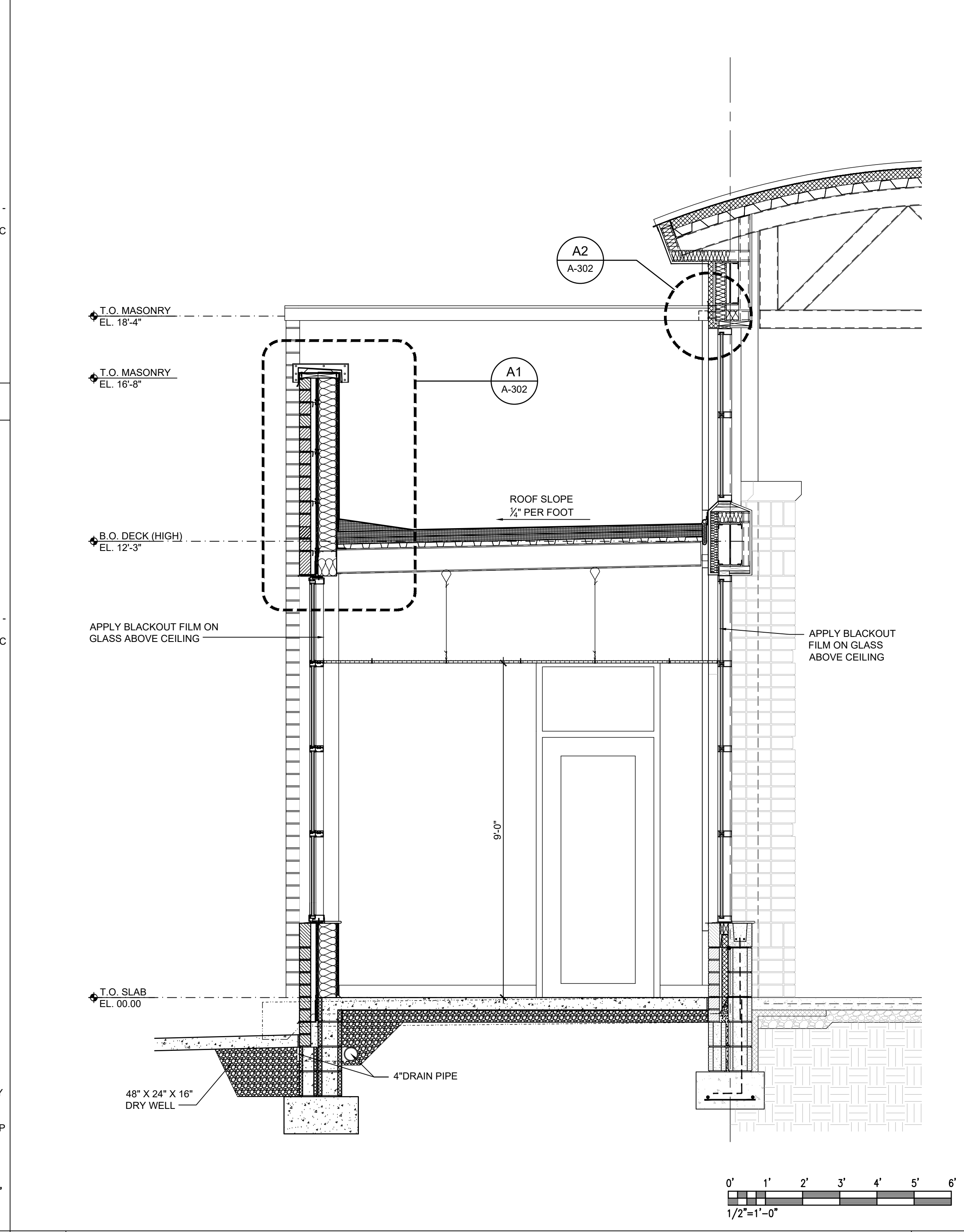
A3 TYPICAL FOOTING DETAIL 1 1/2"



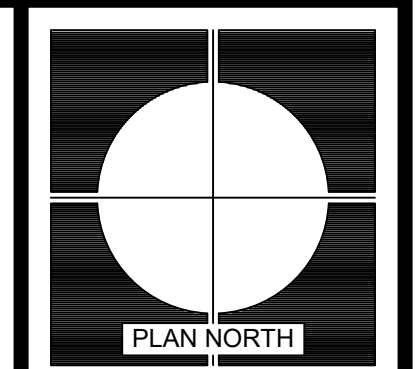
D4 COLLECTOR BOX ISOMETRIC 1 1/2"



D5 COLLECTOR BOX ELEVATION 1 1/2"



A4 CROSS SECTION 1/2"



REVISIONS	DESCRIPTION
0	ISSUE FOR 05% CD REVIEW - ISSUE FOR BIDS
1	14 APR 2023

DATE	MARK
14 APR 2023	0

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
 NCARB CERTIFICATES 46267, 27953, 44627 & 44714
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 864.242.5450
 WWW.AWHSARCHITECTS.COM

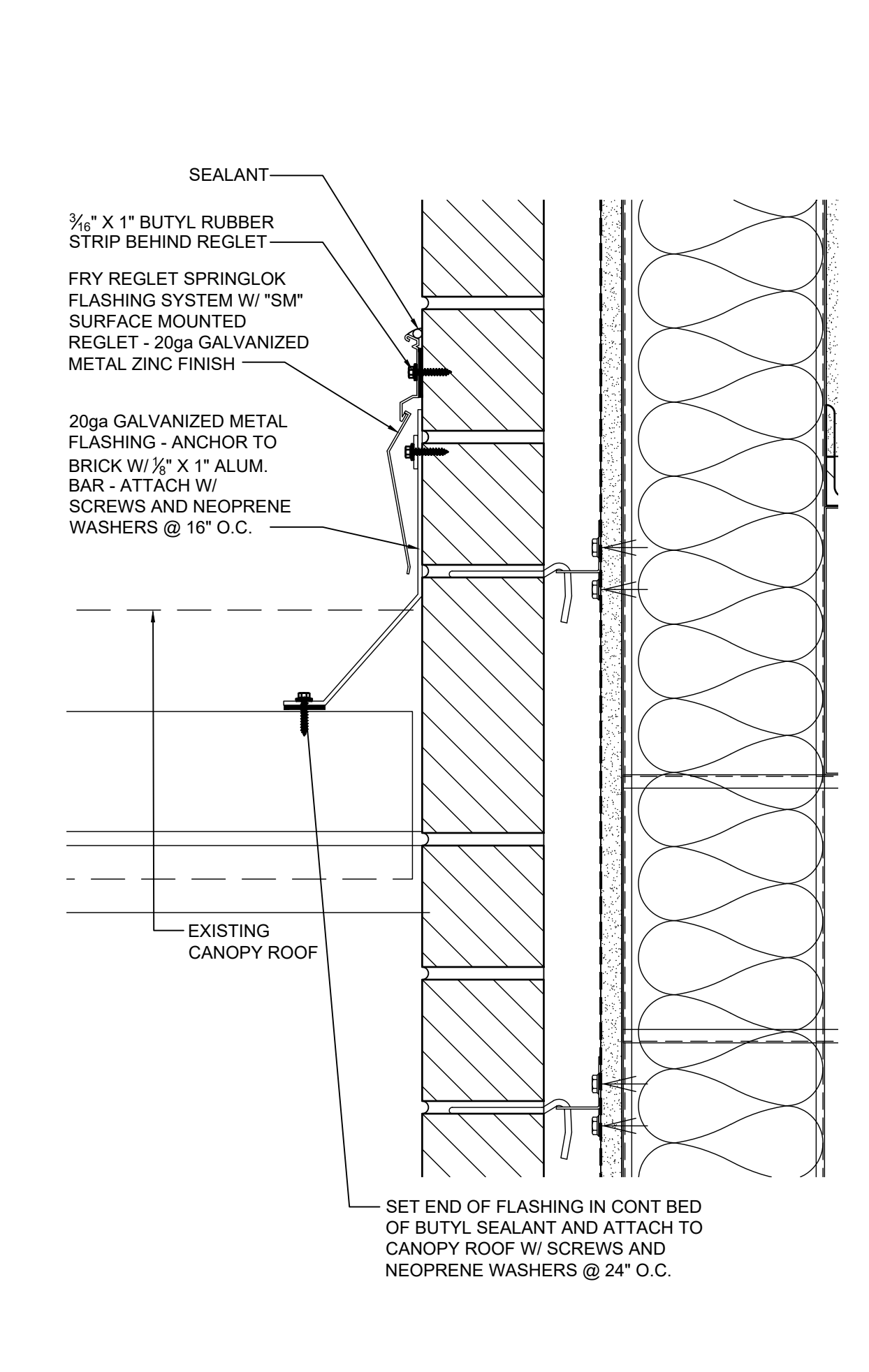
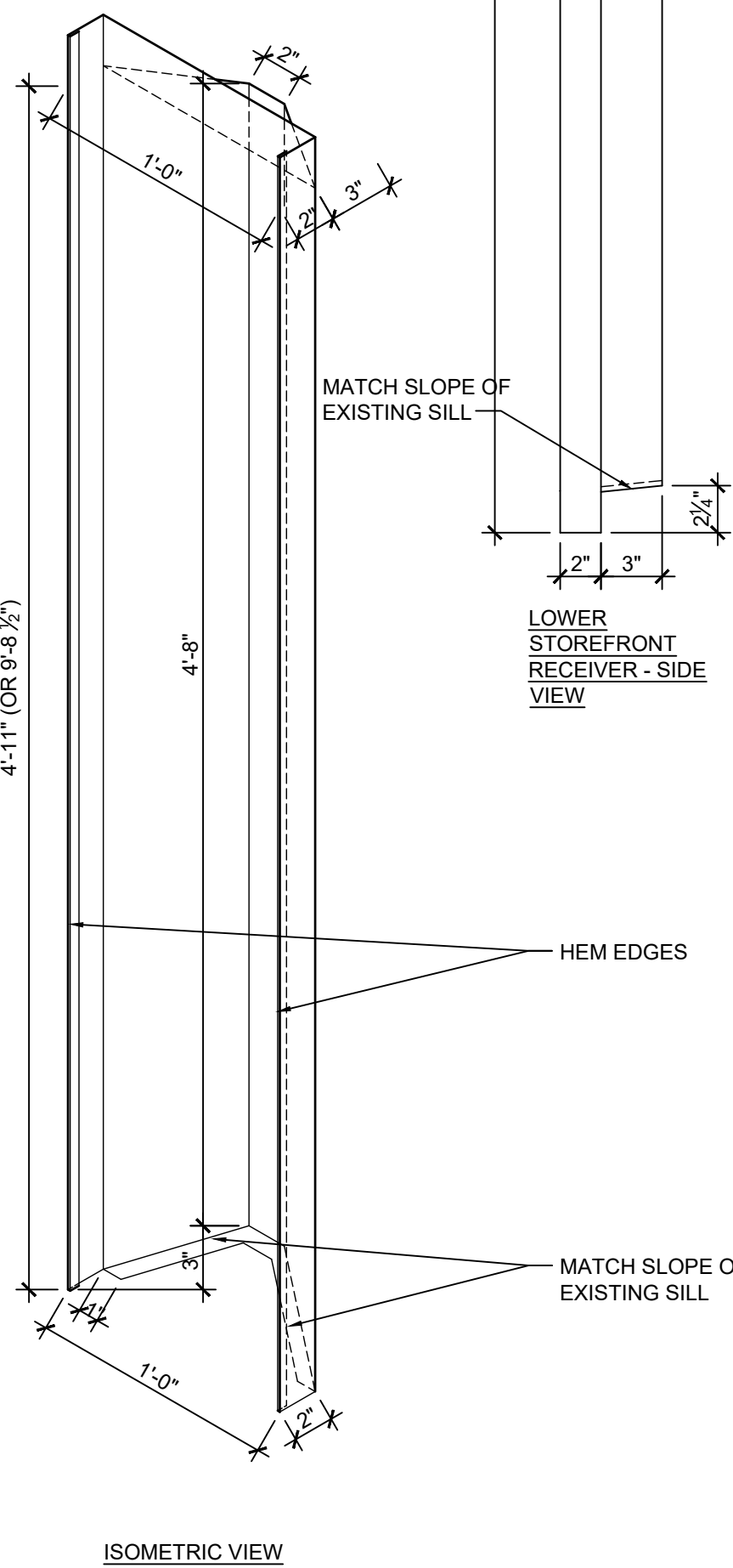
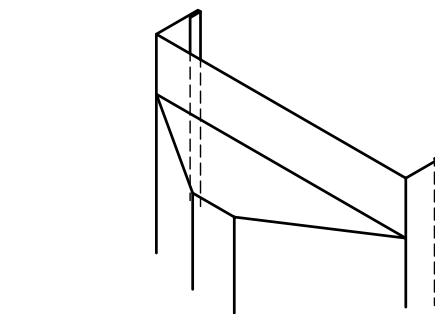
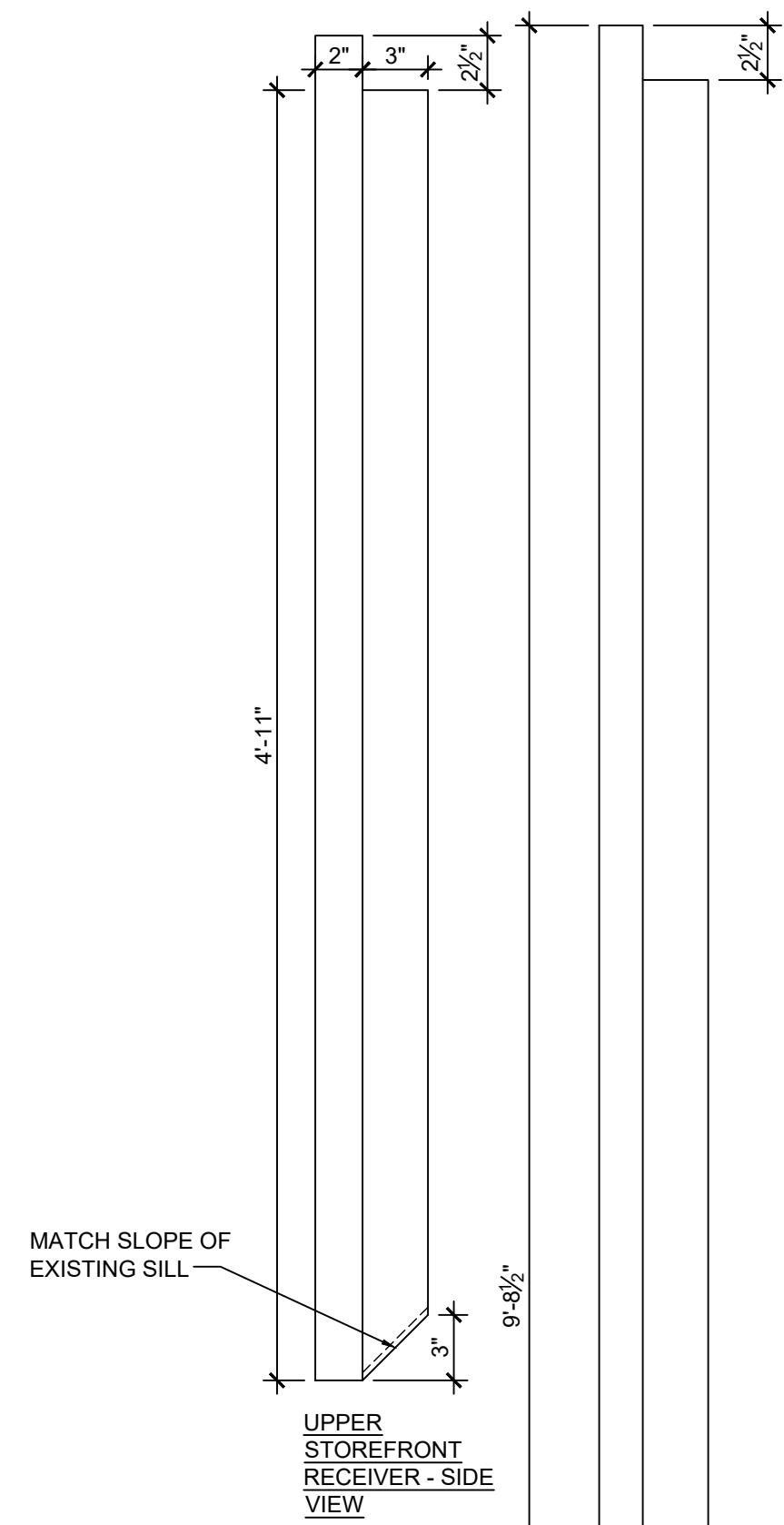
SECTIONS AND DETAILS
HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
 GREER, SOUTH CAROLINA



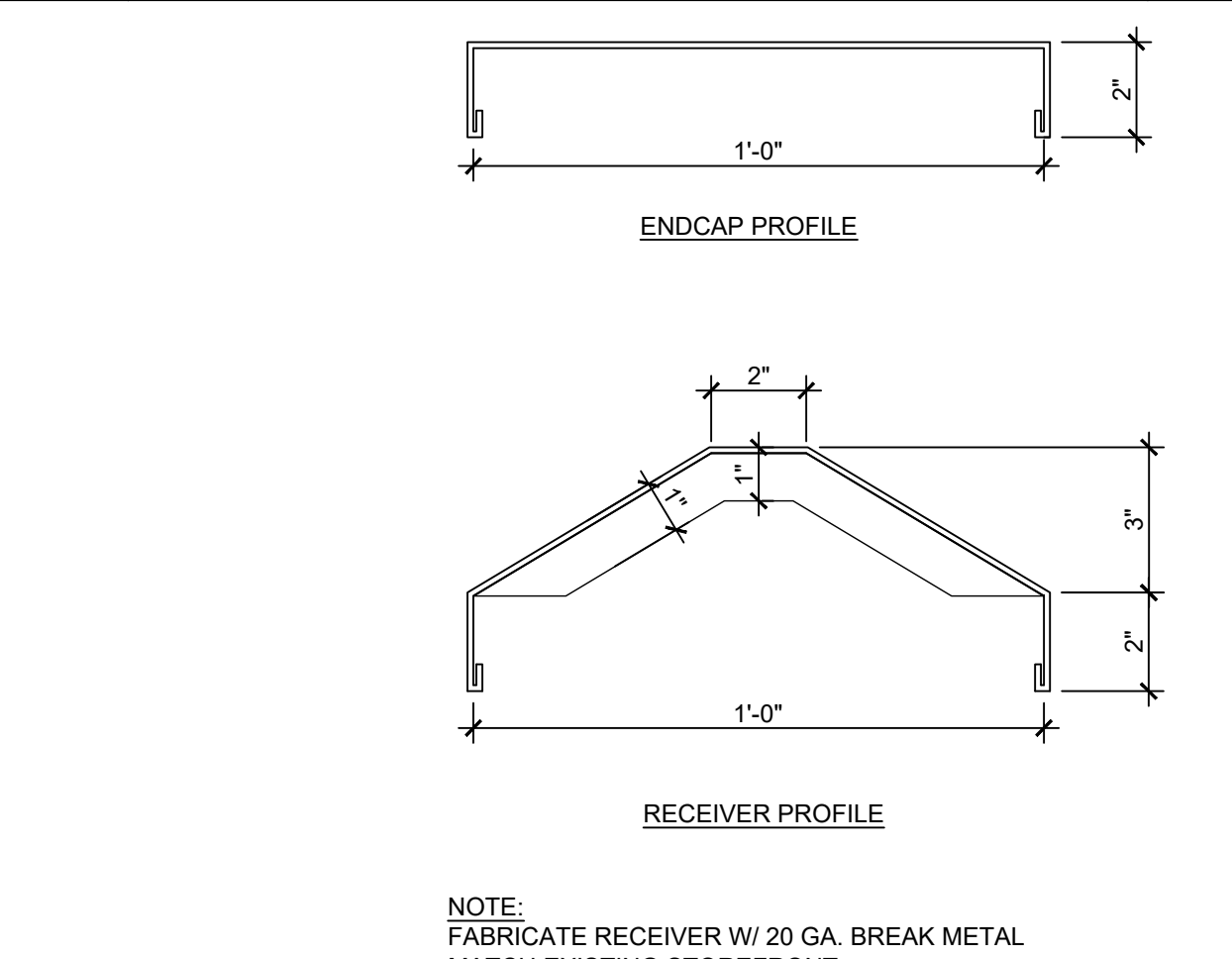
DATE	JOB
4-14-2023	2205-020
14 APR 2023	

A-302
DRAWING NUMBER

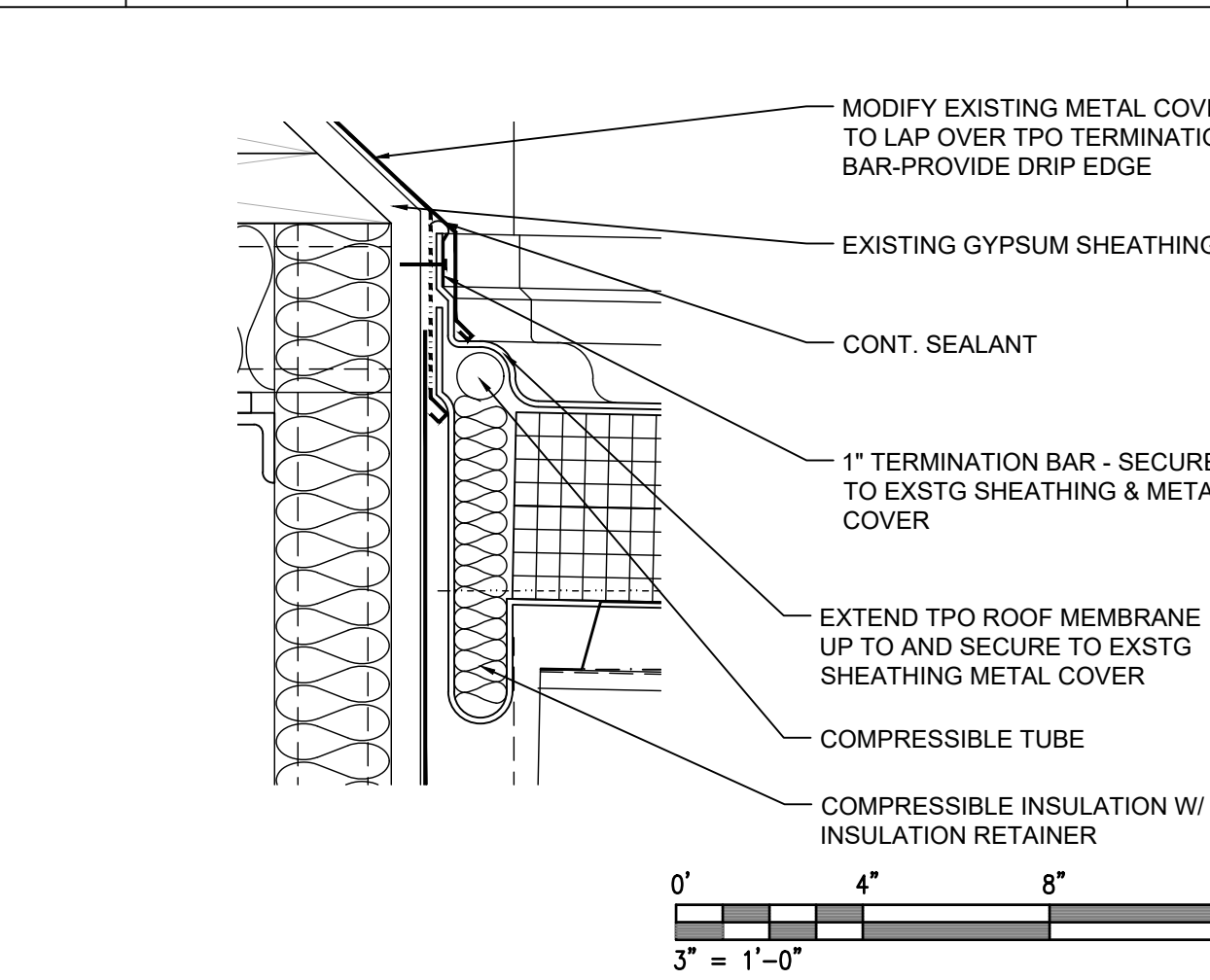




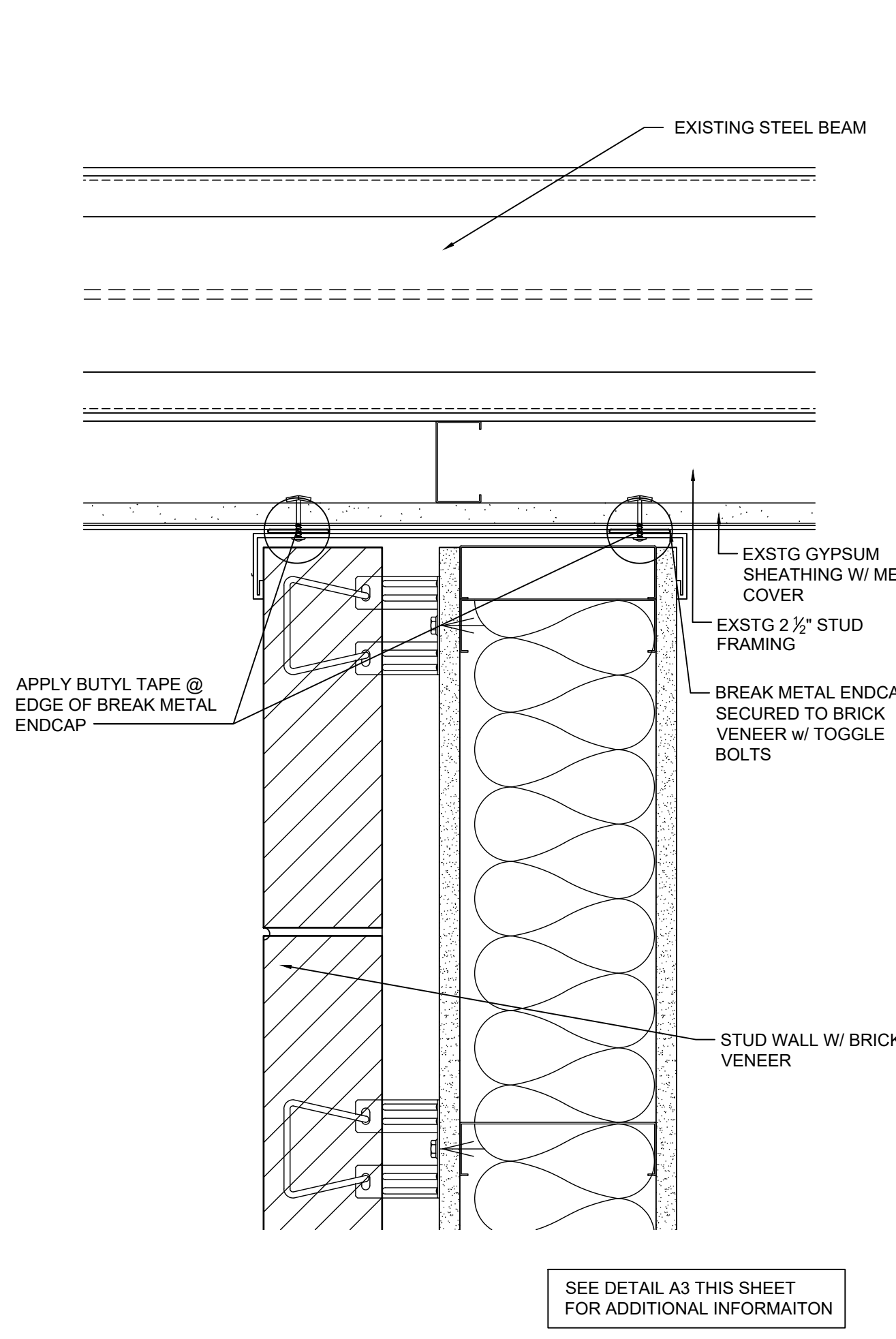
C2 CANOPY FLASHING DETAIL 3"



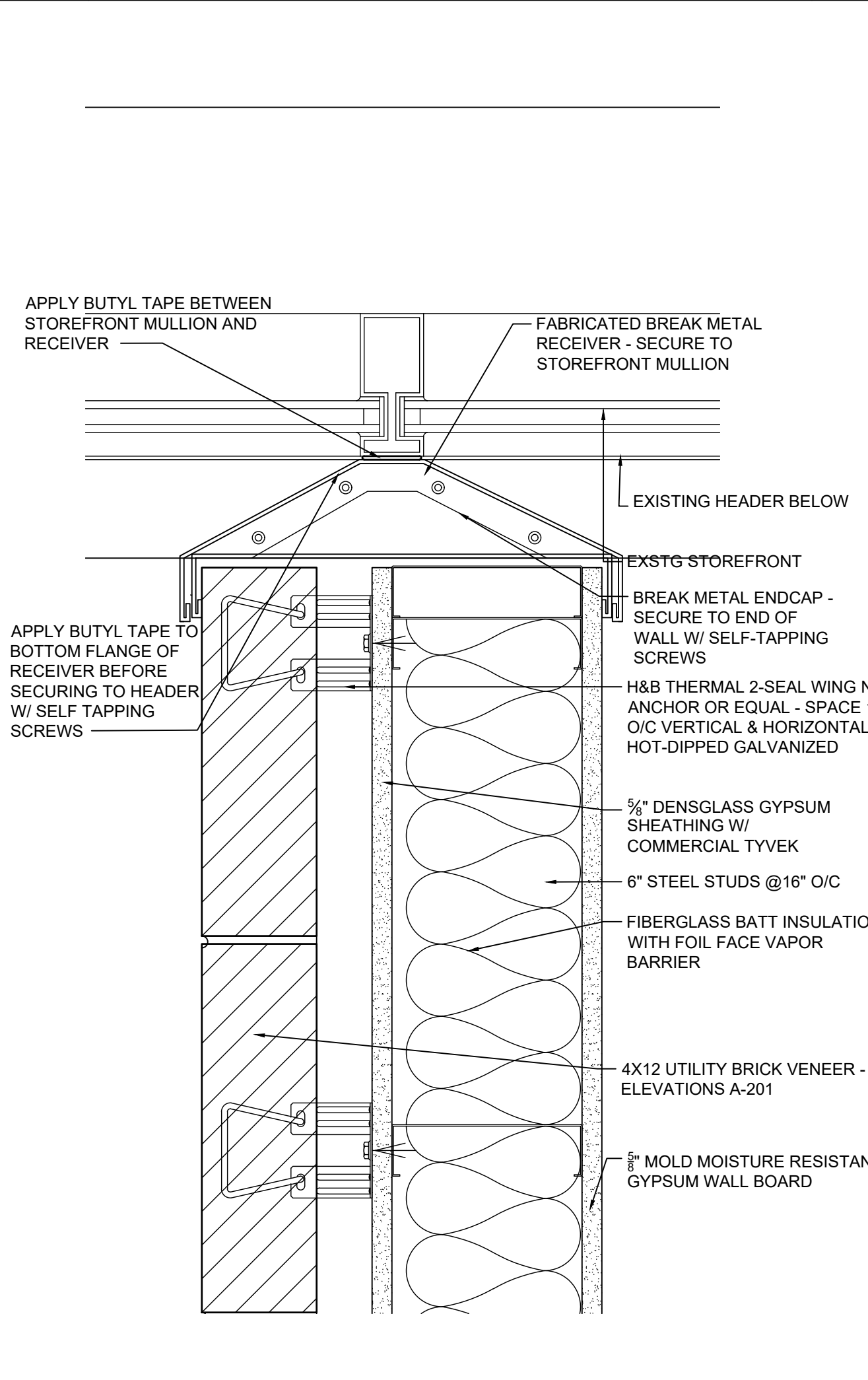
B2 PLAN DETAIL - PROFILES 3"



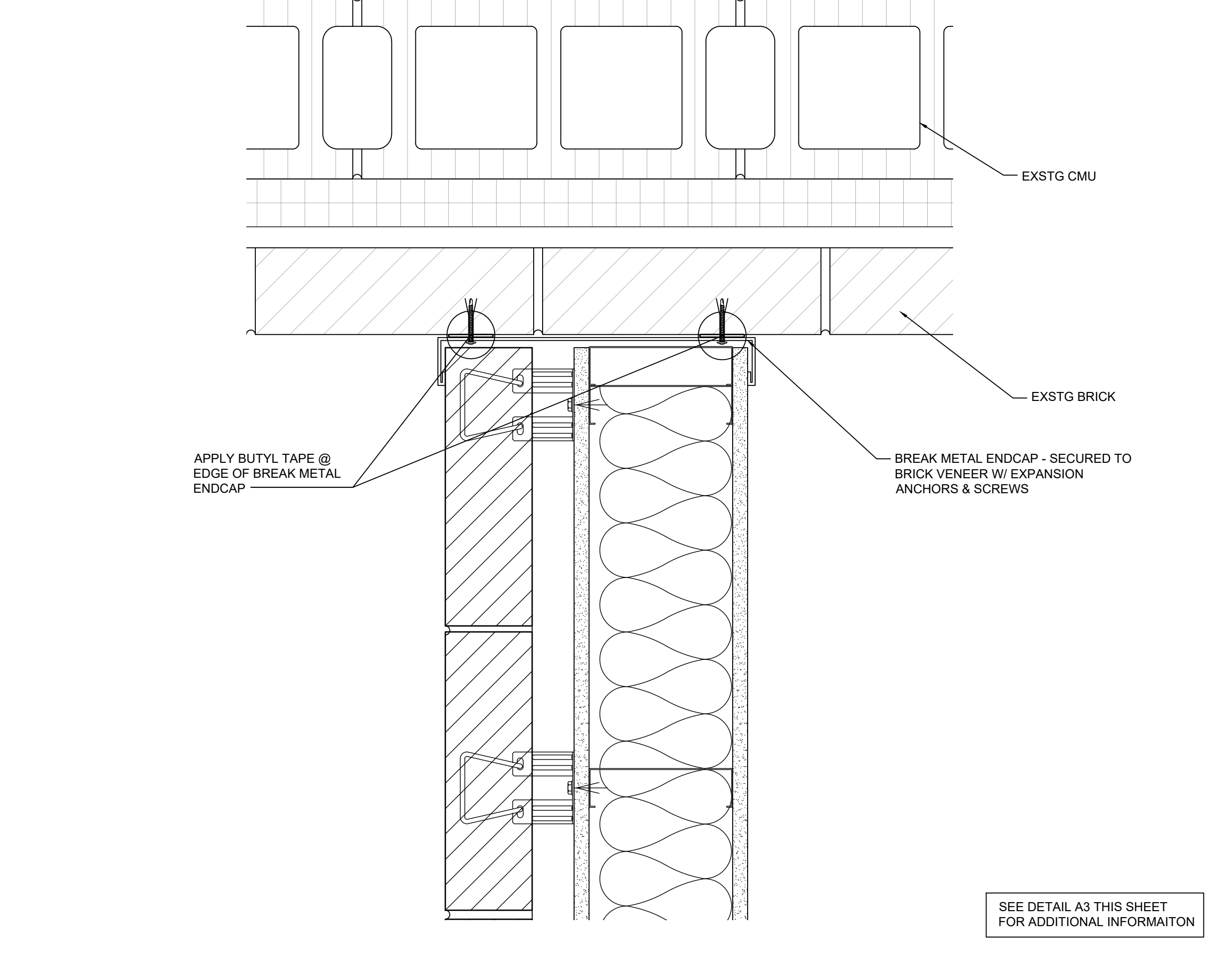
A2 EXPANSION JOINT DETAIL 3"



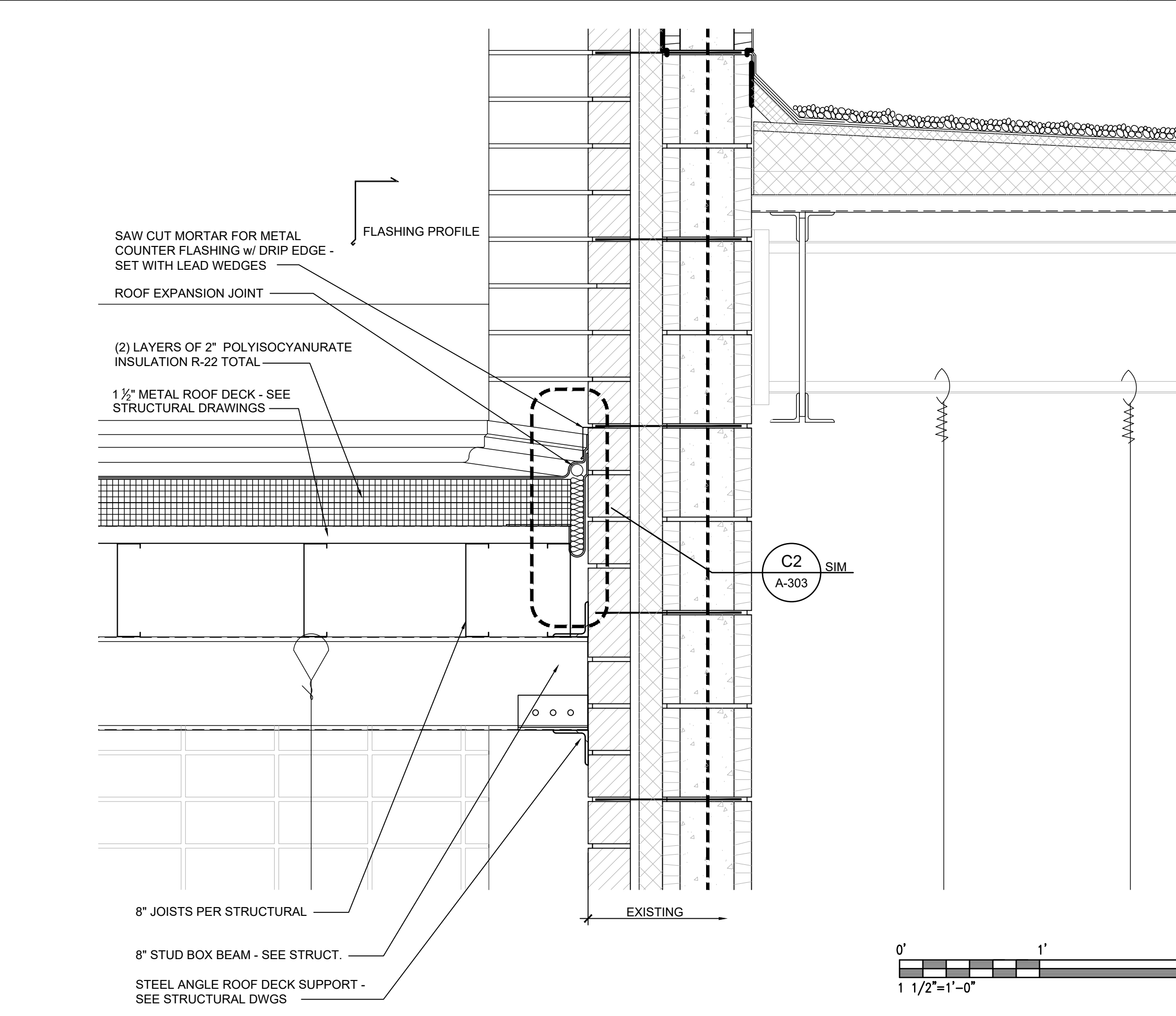
C3 PLAN DETAIL - UPPER WALL 3"



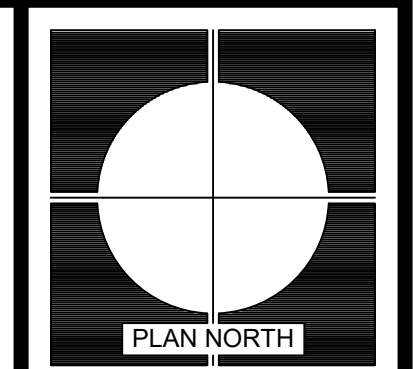
A3 PLAN DETAIL - STOREFRONT CONNECTION 3"



C4 PLAN DETAIL - LOWER MASONRY WALL 3"



A4 ROOF FRAMING/ CONSTRUCTION DETAIL 1 1/2"

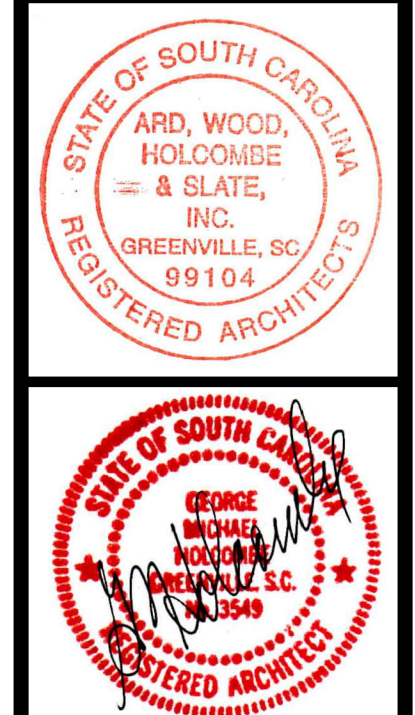


REVISIONS	
DATE	DESCRIPTION
14 APR 2023	ISSUE FOR 05% CD REVIEW - ISSUE FOR BIDS
0	

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES: 4257, 2753, 4427 & 4474

ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242.5450
WWW.AWHSARCHITECTS.COM

SECTIONS & DETAILS
HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
GREER, SOUTH CAROLINA



4-14-2023	ASC
JOB	2205-020
DATE	14 APR 2023

A-303
DRAWING NUMBER

AWHS
ARCHITECTS

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022

01000 GENERAL

- The structure reflected on the drawings is structurally sound in its completed condition only. The design of any and all temporary shoring and bracing prior to the completed condition shall be the contractor's responsibility. The Structural Engineer of Record (EOR) shall not be responsible for the means, methods, techniques, sequences, procedures nor safety programs which are employed by the contractor to build the completed structure. Any deviations from the completed structure represented in the drawings must be submitted to the EOR for approval in writing.
- The Contractor shall verify all conditions including existing structures (above and below grade) and shall notify the EOR of any discrepancies. The Contractor shall perform all required field measurements.
- The Sections and Details shown shall be considered to be typical for all similar conditions. The Contractor shall submit written Requests for Information for areas in question.
- The Contractor shall submit shop drawings for each of the structural components shown on the drawings. Four copies of the shop drawings shall be submitted to the Architect for distribution.

03000 FOUNDATIONS:

- The Contractor shall notify the Structural Engineer of Record (EOR) of any below grade structure which may affect the foundation performance.
- Foundations shall bear on residual soils or engineered fill capable of supporting an allowable pressure of 2000 psf for footings. Soils shall be stable, and any expansive, compressible, or shifting material shall be removed to ensure a stable moisture content.
- Slabs on grade are designed for a modulus of subgrade reaction of 150 pci using a K = 30.
- Consult with a geotechnical engineer for fill placement and compaction requirements required to obtain the above listed design parameters.

03300 CAST-IN-PLACE CONCRETE:

- All concrete work and materials shall be in accordance with ACI 318 2002 and ACI 301.
- Minimum Material Specifications:
 - Portland Cement: ASTM C150, Type 1
 - Fly Ash: ASTM C 618, Type F (limit to 20% of cementitious content)
 - Maximum water/cementitious material ratio: 0.5.
 - Course Aggregate: ASTM C33. Maximum Aggregate size to be 1" (#57).
 - Water: Potable
 - No water may be added at the site without consent of the engineer. Any water to be held back at the batch plant to be added at the site must be noted on the project ticket.
- Foundations:
 - Foundations shall have a 28 day compressive strength of 3000 psi.
- Foundation Walls and Retaining Walls:
 - Walls shall have a 28 day compressive strength of 4000 psi and shall contain air-entraining admixture.
- Slabs-on-grade:
 - Interior slabs-on-grade shall have a 28 day compressive strength of 3000 psi.
 - Interior slabs to receive a hard steel trowel finish with overall Ff =35 and FL=25, and minimum local values of Ff = 24 and Fl = 17.
 - Exterior slabs (under roof or floor) shall have air entraining admixture to provide 6% entrained air. Chamfer all exposed slab edge corners (3/4").
 - Slabs shall be wet cured for a period of seven days using a waterbased curing/sealing compound.
 - Vapor barrier under slab shall meet permeability requirements of the floor finishes. As a minimum a class A barrier is required, lapping & sealing all seams.
 - Provide sawcut control joints or construction joints at 12'-0" (maximum) square pattern (see slab plan for other requirements). Cut 1" joints as soon as possible after finishing (within 8 hours of placement). Joint filler specification to be by owner or architect.
 - Provide isolation joints at column boxouts, walls, and penetrations.
 - Reinforce at all re-entrant corners with no control joints with (2) #3 x 4'-0" long centered on the corner, located in the top of the slab. Reinforce around all pipe or box penetrations greater than 3" with (4) #3 in diamond pattern.
 - Specification of exterior concrete paving or sidewalks is by the Civil Engineer.
 - Concrete splatter on walls or adjacent slabs shall be removed.
- Reinforcing Steel:
 - All detailing, fabrication, and placing shall be in accordance with ACI 315.
 - Reinforcing steel shall be new billet bars conforming to ASTM A615, grade 60.
 - Provide 3" concrete cover for all concrete cast against earth.
- Post-Installed Anchors
 - Expansion Anchors to be Hilti Kwik Bolt 3, ITW Redhead Trubolt, or approved equal. Sleeve anchors to be Hilti HLC Sleeve Anchor or ITW Redhead Dynabolt.
 - Epoxy or chemical adhesive shall be Ramset Epcn A7 or C6; Hilti HY 200; or Simpson SET Epoxy-TIE.
 - Anchors labeled as LDT anchors are to be hot-dip galvanized anchors with cutting threads such as Ramset/Redhead LDT; Simpson Titen HD; or Powers Wedge.

04300 MASONRY:

- Masonry work and materials shall comply with ACI 530 02. All CMU shall conform to ASTM C90, ASA A79.1 for light weight block. Mortar shall conform with ASTM C270, Type S. Masonry cement and Type N mortar are not allowed for CMU work.
- The minimum compressive strength of the system, f_m, shall be 1500 psi.
- CMU to be laid in running bond.
- Provide 9 gage ladder type joint reinforcing at 16" o.c. and at 8" o.c. below grade. Joint reinforcing to have prefabricated tees and corners.
- Fill all cells containing vertical reinforcing with 3000 psi reinforced masonry grout meeting ASTM C476. Grout lifts are not to exceed 56". Fill all cells below grade.

05120 STRUCTURAL STEEL:

- Design, fabrication and erection of all structural steel shall be in accordance with the AISC Manual of Steel Construction, ASD, Thirteenth Edition.
- Minimum material specifications:

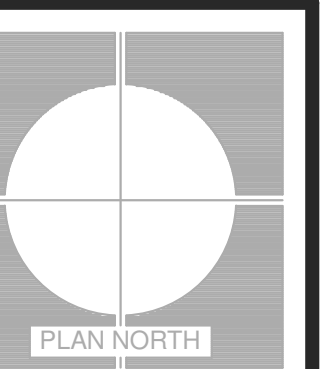
a. W-Structural Steel Shapes:	ASTM A992
b. Hollow Structural Sections:	ASTM A500 gr. B
c. M, S, C, MC, HP Shapes:	ASTM A36
d. Plates:	ASTM A36
e. Angles:	ASTM A36
f. Anchor Rods:	ASTM F1554 gr. 36
g. Bolts:	ASTM A325N
h. Weld Electrodes:	AWS E70xx
i. Shear Connectors	ASTM A108, grades 1015 through 1020, headed stud type
j. Non-shrink grout:	ASTM C 1107, non metallic – 5000 psi
- Product Submittals:
 - Typical shop fabrication and field erection drawings.
- Provide 2 mils DFT of rust inhibitive primer after power tool cleaning.
- Field connections shall be bolted unless shown otherwise on the drawings. Bolted connections shall be made with A325N bolts. Snug-tight connections shall be designed per the fabricator's engineer to resist half of the uniform load given in Table 3-6 in the 13th Edition of AISC "Manual of Steel Construction".
- Post-Installed Anchors
 - Expansion Anchors to be Hilti Kwik Bolt 3, ITW Redhead Trubolt, or approved equal. Sleeve anchors to be Hilti HLC Sleeve Anchor or ITW Redhead Dynabolt.
 - Epoxy or chemical adhesive shall be Ramset Epcn A7 or C6; Hilti HY 200; or Simpson SET Epoxy-TIE.
- Loads shown on the drawings are service level (ASD).

05300 STEEL DECK:

- Design, fabrication and erection of all steel deck shall be in accordance with the Steel Deck Institute. All welds shall be made following AWS D1.3 specifications by qualified welding operators.
- Deck Sheet Steel shall conform with ASTM A611 and shall have FM Label attached.
- Roof Deck shall be as 1-1/2"x22 gage, type B steel deck. Deck shall be prime painted sheet steel. Attach to supports using 5/8" puddle welds at 12" spacing. (3) #10 sidelap screws are required between each support.

05400 LIGHT GAGE METAL FRAMING:

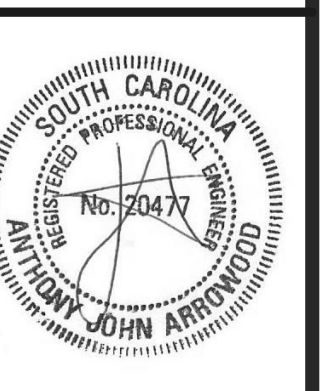
- All structural members shall be designed in accordance with American Iron and Steel Institute (AISI) "Specification for the Design of Cold-Formed Steel Structural Members." Members shall conform to ASTM A-653-SQ Grade 33 (UNO). The members listed below shall meet the minimum physical properties for the sizes and gages shown in the Clark Steel Framing Manual.
- All members and connections shall be designed by the vendor using the loads shown on the drawings and in the design criteria. The sizes shown on the drawings are minimum sizes. All wall stud thicknesses shown on the Architectural Drawings must remain. Minimum stud gage to be 43 mils.
 - The subcontractor shall provide preliminary engineering during the bid phase for sizing of studs, headers, tracks, connections, etc. elevations, connection details, as needed to provide a completed system.
 - The subcontractor shall submit shop drawings for all framing wall framing. Shop drawings shall include wall calculations, and product data.
- Deflection Criteria for wall framing to be L/360 for 75% of the Components and Cladding loads of the ASCE 7.



REVISIONS	DATE	MARK	DESCRIPTION
	14 APR 2023	0	ISSUE FOR COT CD REVIEW- ISSUE FOR BIDS

MEMBERS OF THE SOUTH CAROLINA ARCHITECTS ASSOCIATION
 LICENSE NO. 200477
 ARD, WOOD, HOLCOMBE & SLATE, INC.
 ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 864.242.5450
 WWW.AWHSARCHITECTS.COM

GENERAL NOTES
 BLUE RIDGE MIDDLE SCHOOL
 ADA ACCESSIBILITY
 GREENVILLE, SOUTH CAROLINA

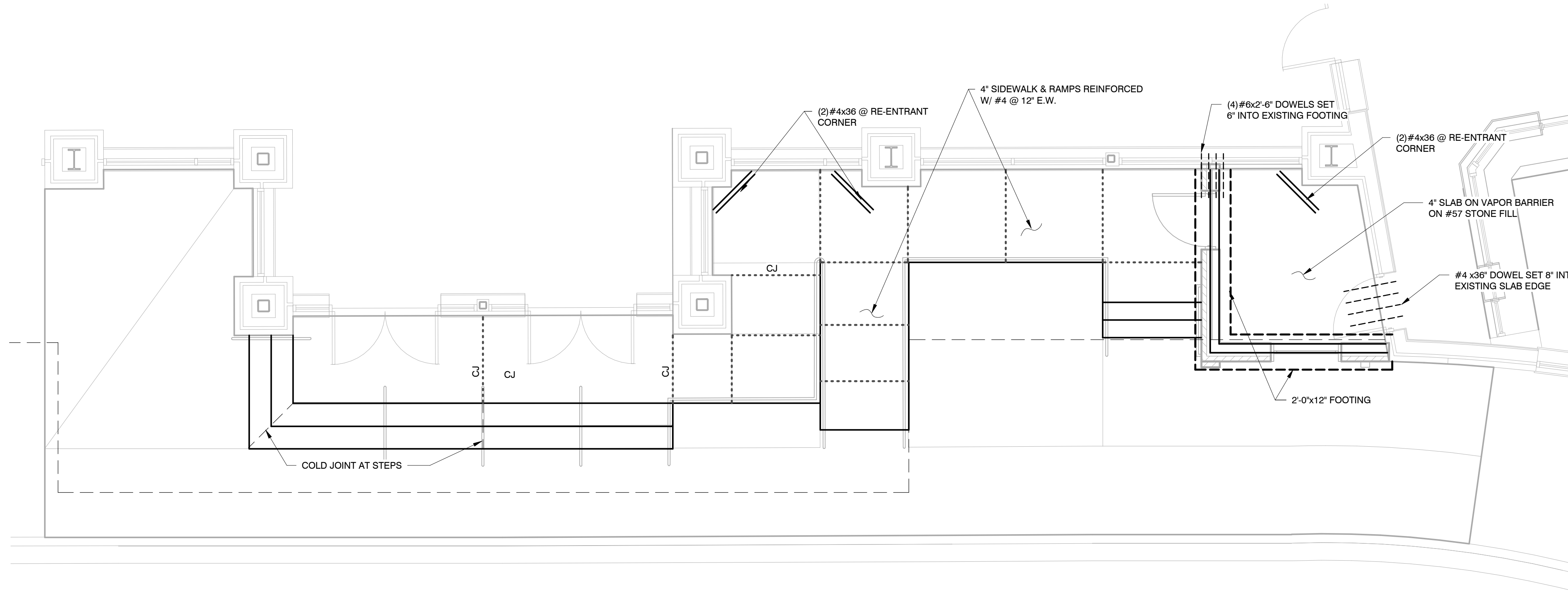


DRAWN	SB
JOB	0713-020
DATE	2023-02-08

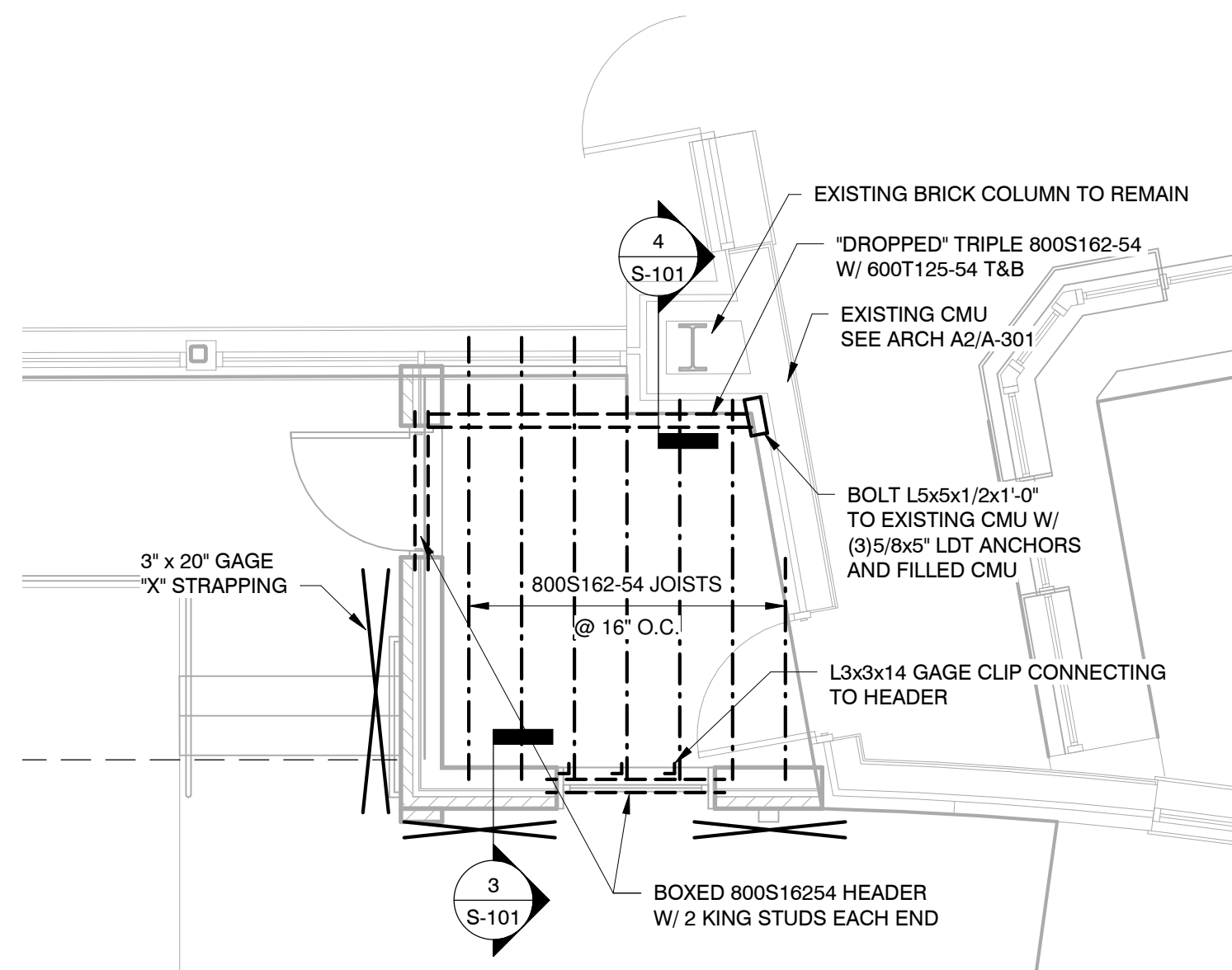
S-100
 DRAWING NUMBER



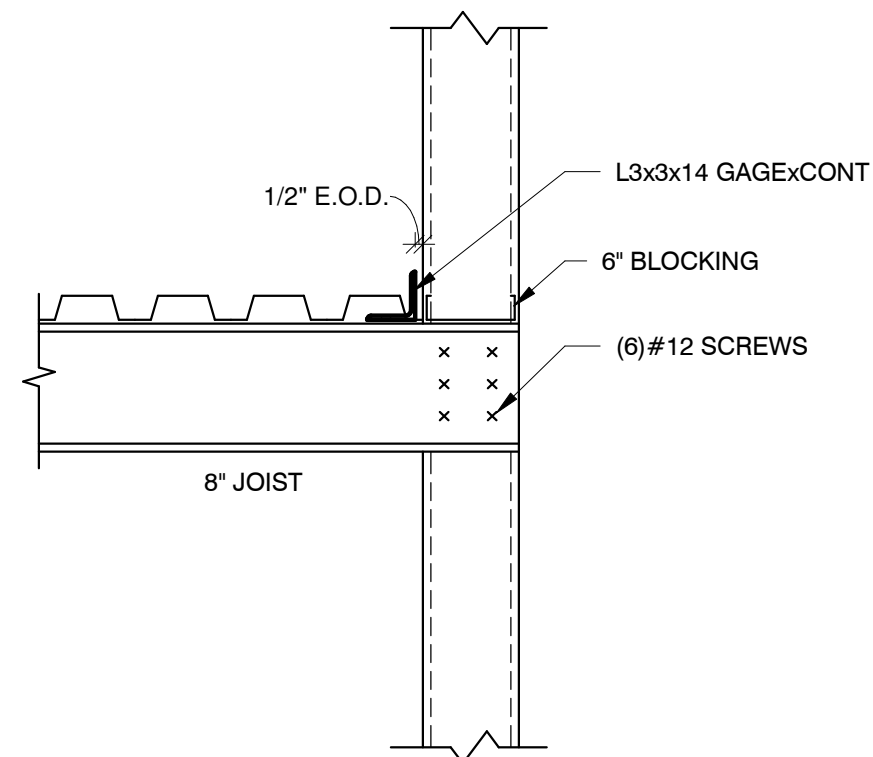
arrowood
 +
arrowood
 Arrowood & Arrowood, PC
 412-B Pettigru Street
 Greenville, SC 29607
 864.233.9383 (t)
 864.232.7855 (f)
 A&A PROJECT #23-AWHS-113



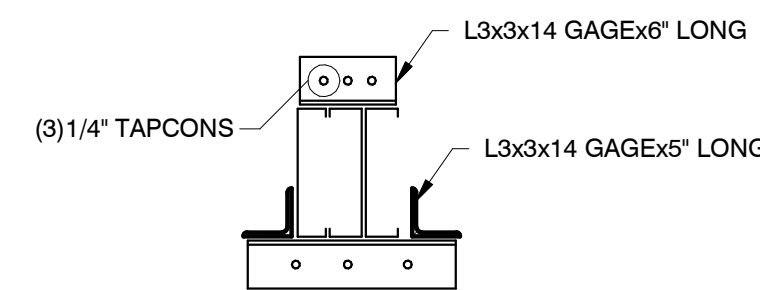
1 FOUNDATION/SLAB PLAN
S-101 1/4" = 1'-0"



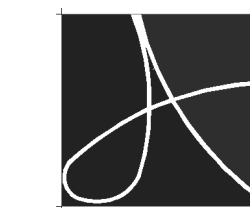
2 ROOF FRAMING PLAN
S-101 1/4" = 1'-0"



3 SECTION AT ROOF
S-101 1" = 1'-0"



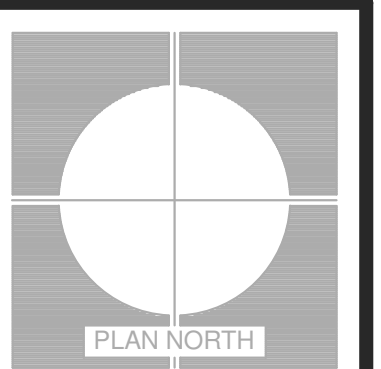
4 SECTION
S-101 1" = 1'-0"



arrowood
+
arrowood

Arrowood & Arrowood, PC
412-B Pettigru Street
Greenville, SC 29607
864.233.9383 (t)
864.232.7855 (f)

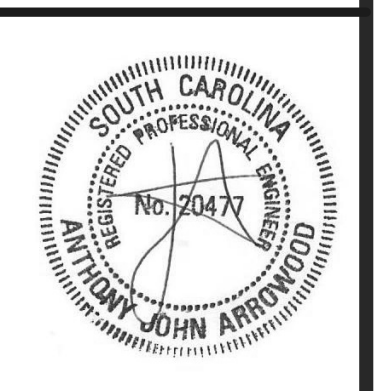
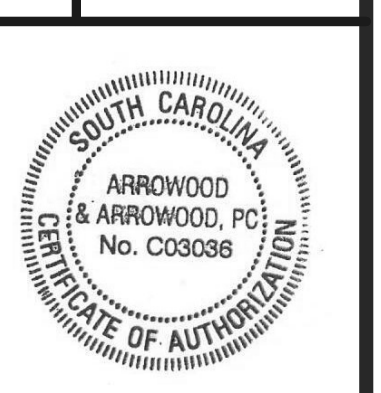
A&A PROJECT #23-AWHS-113



REVISIONS	DESCRIPTION	DATE	MARK
0	ISSUE FOR CDF CD REVIEW- ISSUE FOR BIDS	14 APR 2023	

REVIEWS BY ARCHITECT'S INSTITUTE OF PROFESSIONALS
LICENSED PROFESSIONALS: 4629, 20255, 4407, 4407A
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
620 N. MARK STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864.242-5450
WWW.AWHSARCHITECTS.COM

PLANS AND SECTIONS
BLUE RIDGE MIDDLE SCHOOL
ADA ACCESSIBILITY
GREENVILLE, SOUTH CAROLINA

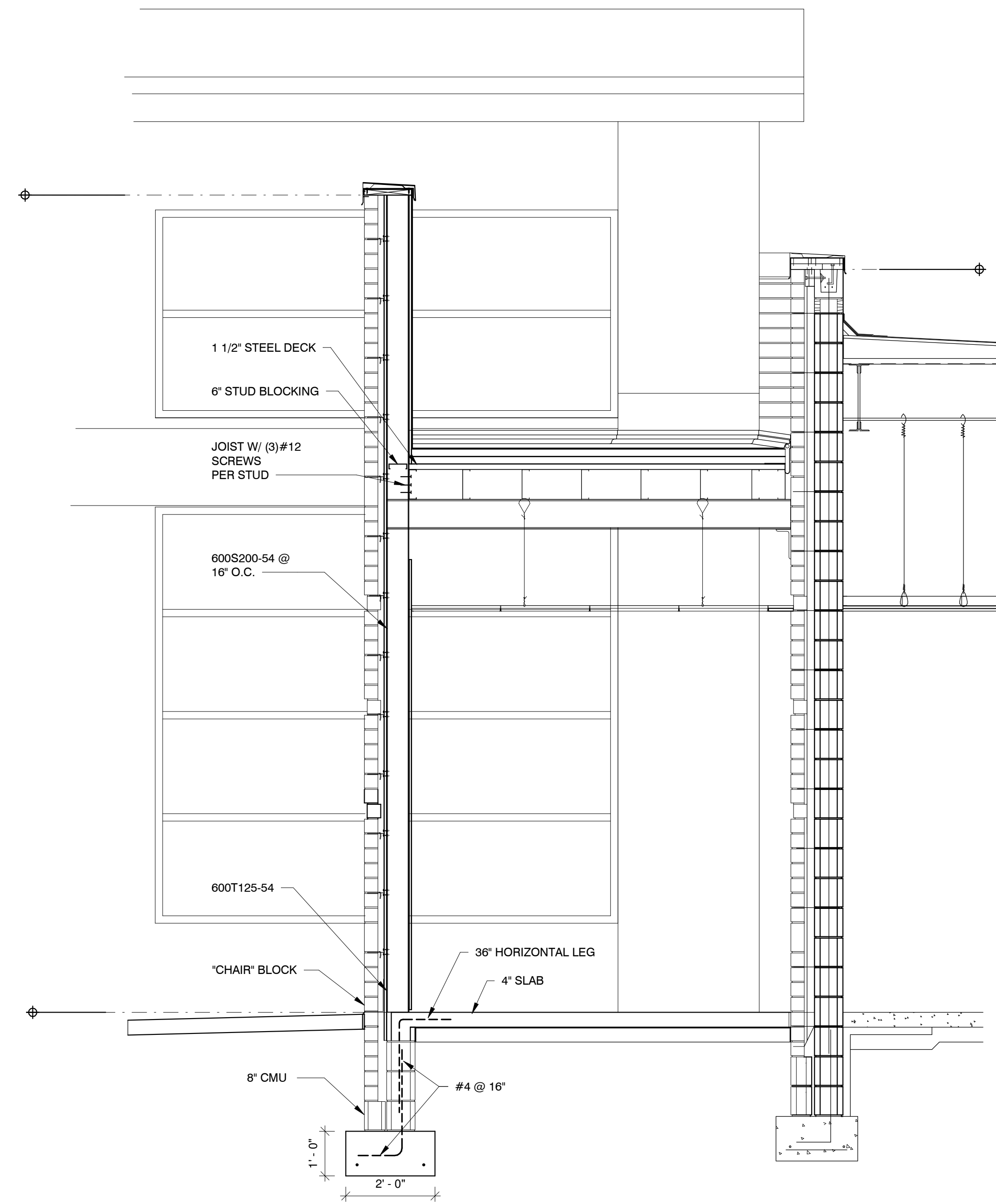


DRAWN	SB
JOB	0713-020
DATE	2023-02-08

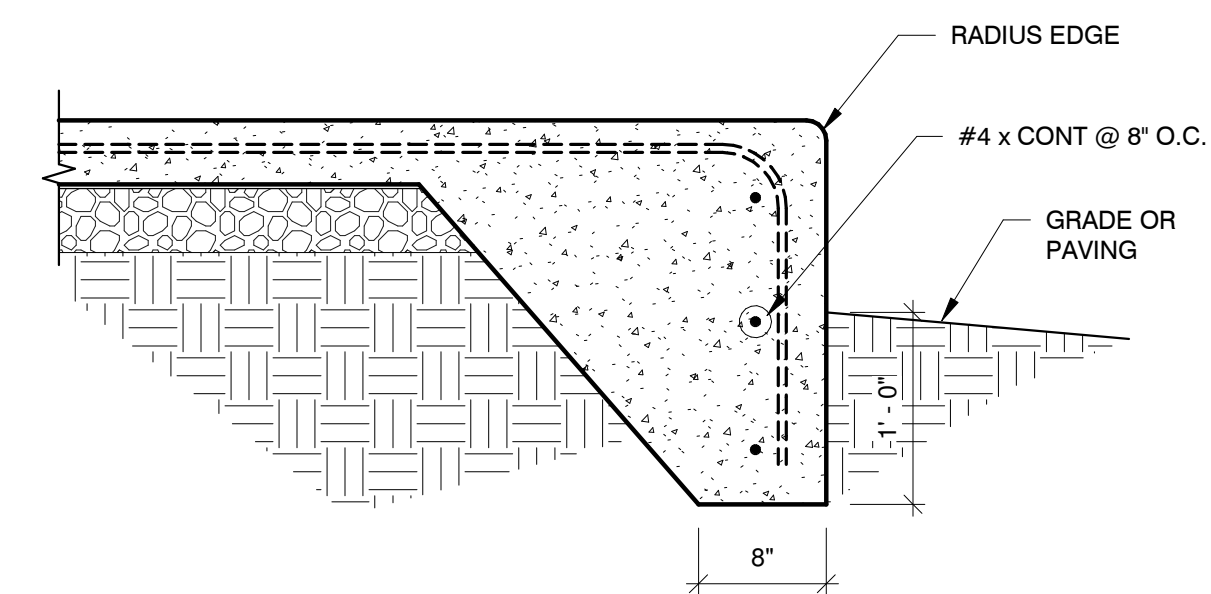
S-101
DRAWING NUMBER



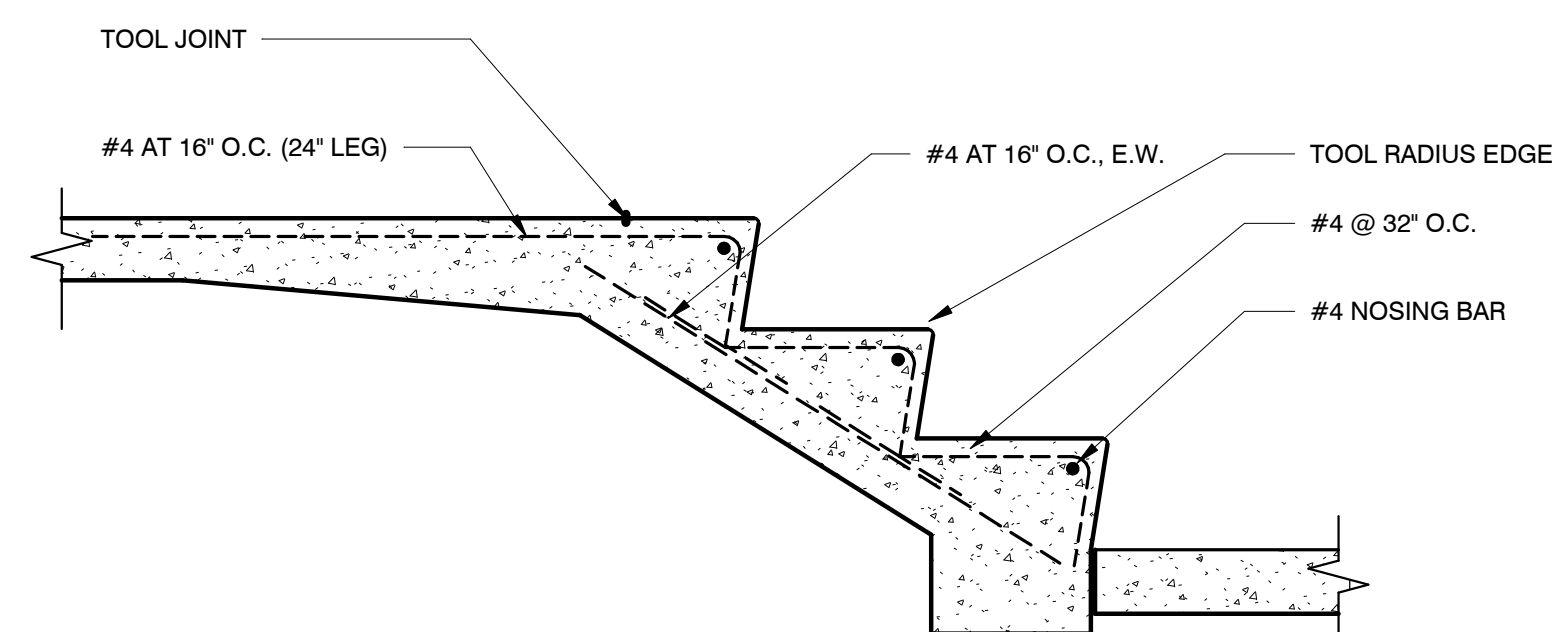
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED, COPIED, EITHER WHOLLY OR IN PART, WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2019



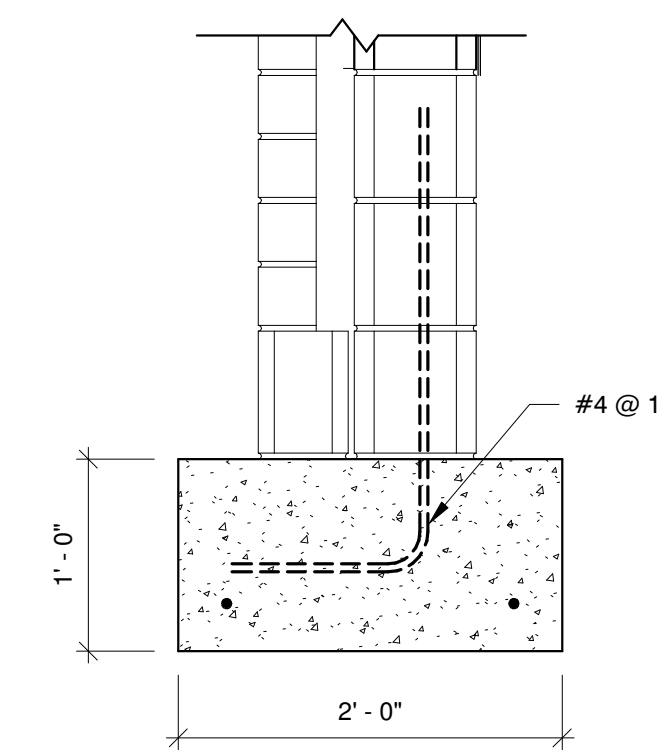
1 CROSS SECTION
1/2" = 1'-0"



2 RADIUS EDGE
1" = 1'-0"



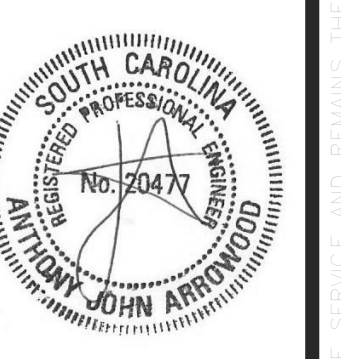
3 SECTION @ STEPS ON GRADE
1" = 1'-0"



4 FOOTING SECTION
1" = 1'-0"


 arrowood
 +
 arrowood
 Arrowood & Arrowood, PC
 412-B Pettigru Street
 Greenville, SC 29607
 864.233.9383 (t)
 864.232.7855 (f)
 A&A PROJECT #23-AWHS-113

SECTIONS AND DETAILS
BLUE RIDGE MIDDLE SCHOOL
ADA ACCESSIBILITY
 GREENVILLE, SOUTH CAROLINA



DRAWN: SB
 JOB: 0713-020
 DATE: 2023-02-08

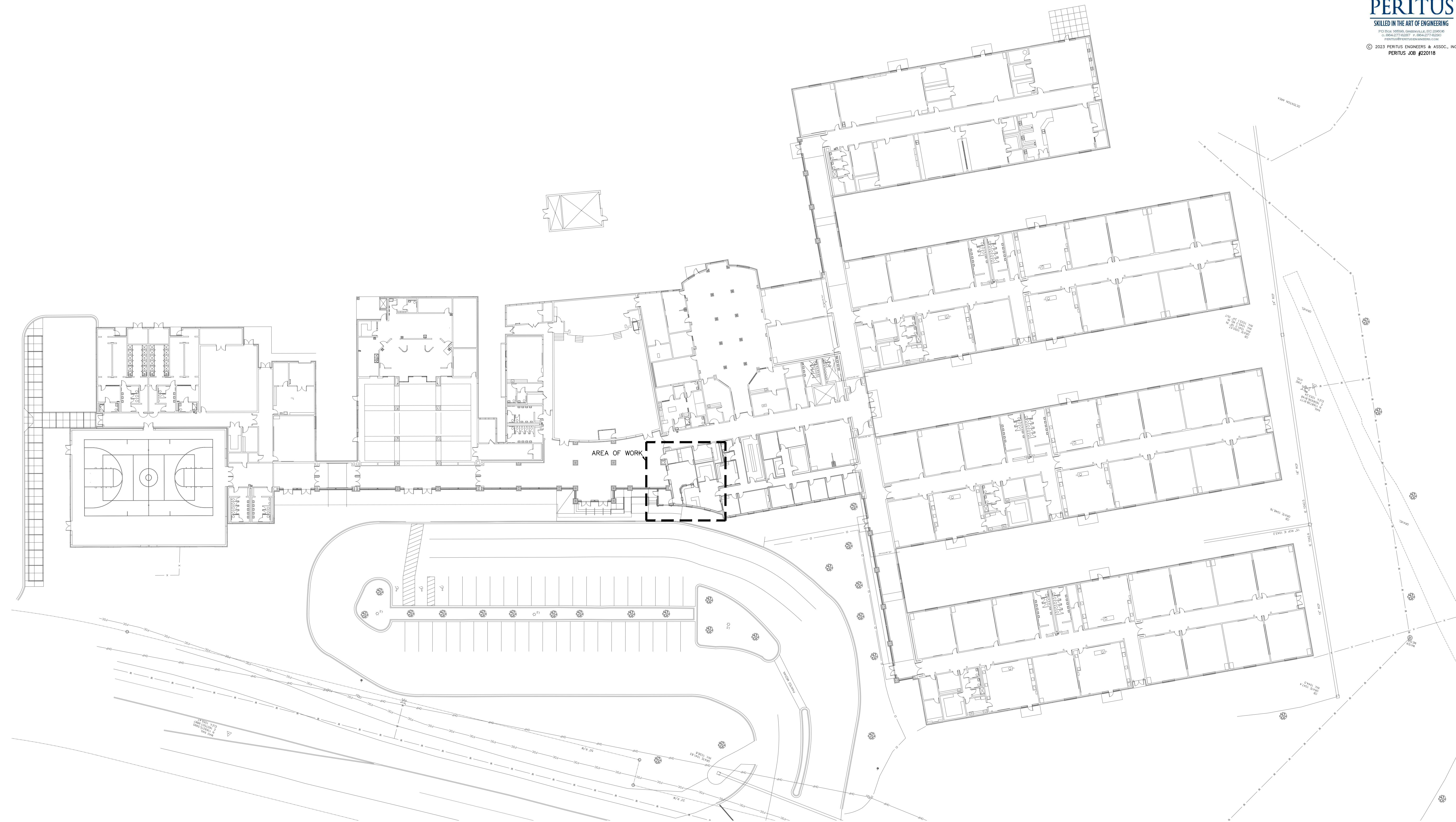
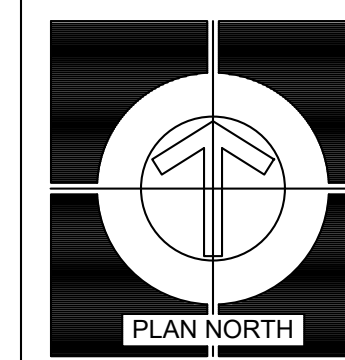
S-200

DRAWING NUMBER
AWHS
 ARCHITECTS

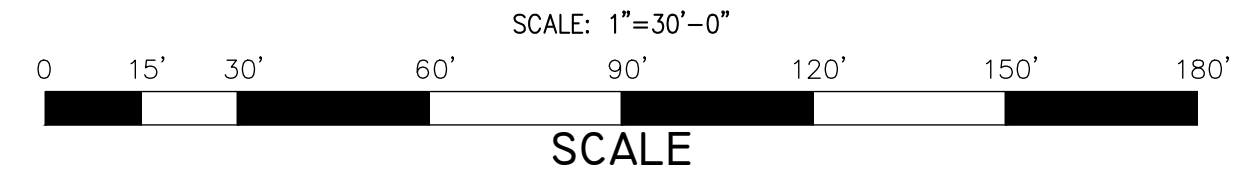
REVISIONS	DATE	MARK	DESCRIPTION
	14 APR 2023	0	ISSUE FOR CSD REVIEW- ISSUE FOR BIDS

REVIEWED BY ARCHITECT'S LICENSE NO. 44074
 ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 864.242.5450
 WWW.AWHSARCHITECTS.COM





HVAC OVERALL REFERENCE FLOOR PLAN

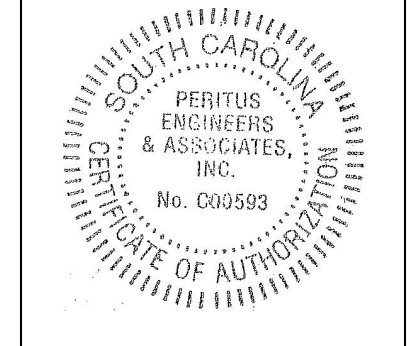


REVISIONS			
DATE	MARK	DESCRIPTION	
14 APR 2023	0	ISSUE FOR CDF REVIEW - ISSUE FOR BIDS	

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
 NCARB CERTIFICATES 4437, 2753, 4467 & 4474

ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 864.242.5450
 WWW.CWHSARCHITECTS.COM

HVAC OVERALL REFERENCE FLOOR PLAN
**HANDICAP ACCESSIBLE UPGRADES FOR
 BLUE RIDGE MIDDLE
 SCHOOL**
 GREER, SOUTH CAROLINA

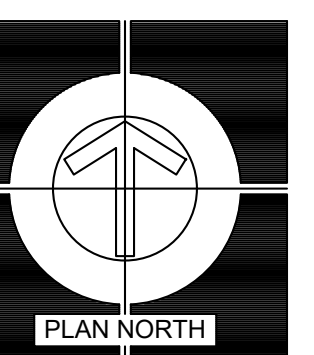


DRAWN	TMI
JOB	2205-020
DATE	14 APR 2023

M-100
 DRAWING NUMBER

AWHS
 ARCHITECTS

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2023 ARD, WOOD, HOLCOMBE & SLATE INCORPORATED ARCHITECTS AND PLANNERS



MECHANICAL SPECIFICATIONS

The following standards are imposed, as applicable to the work in each instance:

- NFPA Codes
- International Mechanical Code 2021 Edition
- International Energy Conservation Code 2009 Edition

INSULATION

Duct: shall be applied to exterior surfaces of ducts. Dimensions on drawings are internal dimensions. All supply air ducts to be insulated. Unless noted otherwise, insulation to be 2" thick. Insulation to be fiberglass inorganic blanket of glass fiber laminated to a FRK-25 Series ED150 reinforced foil Kraft vapor barrier facing. Insulation to be installed and finished as per manufacturer's recommendation.

DUCTWORK:

All Sheet Metal Work shall be installed in accordance with the requirements stipulated in the current issue of NFPA pamphlet No. 90.

Sheet Metal Construction: Ductwork shall be constructed of galvanized steel. Gauges (U.S. Standards) of metal which shall be used, together with the type of joints and methods of stiffening and bracing for various size ducts shall be as follows:

Metal gauges shall be:

Size (Diameter)	Round Ducts	Min. Gage
Up thru 13"		26

Fabrication shall be in accordance with the SMACNA as well as the latest edition of ASHRAE Guide that addresses duct fabrication.

Duct Hangers and Supports: Shall be either strap hangers or trapeze hangers properly secured to the building construction.

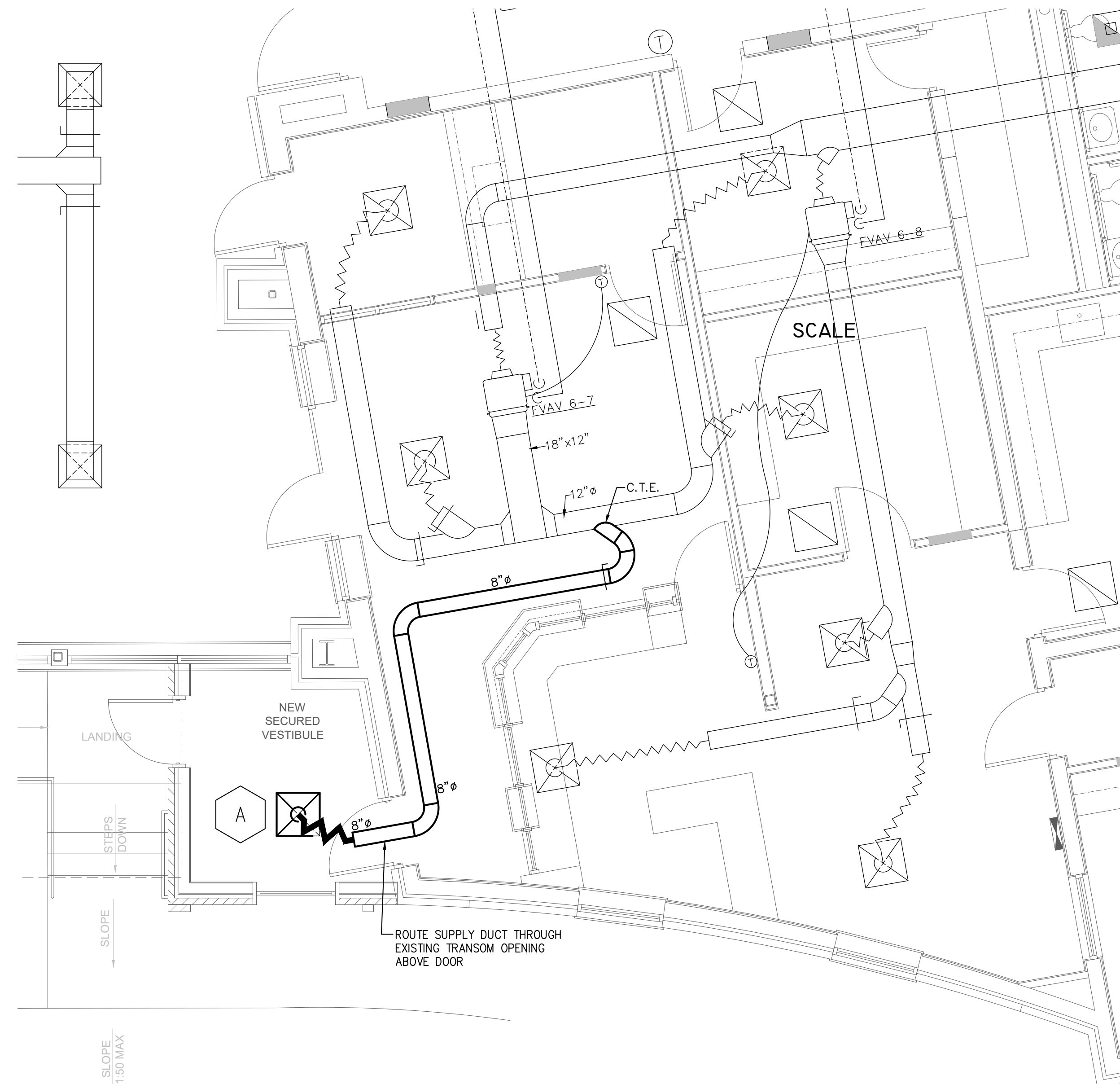
AIR DISTRIBUTION:

Diffusers, Registers and Grilles: Shall be sized and located as shown on the drawings. In general all supply diffusers and grilles to have opposed blade dampers.

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
C.T.E.	CONNECT TO EXISTING
Ⓢ	THERMOSTAT/TEMPERATURE SENSOR
⊗	SUPPLY DIFFUSER
⊠	RETURN AIR GRILLE
— —	MANUAL VOLUME DAMPER
~	FLEX DUCT

MECHANICAL GENERAL NOTES

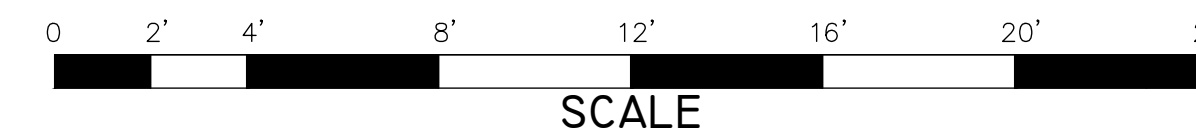
- ALL SCHEDULES SHOWN ARE THE PURPOSE OF AIDING THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT QUANTITY OF EQUIPMENT.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS. CO-ORDINATE HVAC INSTALLATION WITH ALL OTHER TRADES.
- FOR EXACT DIFFUSER/GRILLE LOCATIONS, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL INSULATION AND FLEX DUCT SHALL COMPLY WITH CHAPTER 6 OF THE INTERNATIONAL MECHANICAL CODE, 2021 EDITION.
- ALL ELECTRICALLY POWERED EQUIPMENT SHALL BE LISTED AND LABELED PER INTERNATIONAL ELECTRICAL CODE, 2009 EDITION, AND INTERNATIONAL MECHANICAL CODE, 2021 EDITION CHAPTER 3.
- ALL EQUIPMENT SHALL BE ACCESSIBLE PER INTERNATIONAL MECHANICAL CODE, CHAPTER 3 2021 EDITION.
- ALL DUCTWORK ARRANGEMENT AND ROUTING AS SHOWN IS DIAGRAMMATIC AND MAY REQUIRE ALTERATIONS DIFFERENT FROM THAT SHOWN IN ORDER TO ACCOMMODATE STRUCTURE/ARCHITECTURAL FEATURES. CONTRACTOR SHALL FIELD VERIFY AND MAKE ALTERATIONS OR REVISIONS AS REQUIRED.
- ALL DUCT SHALL BE COORDINATED WITH PIPING. INSIDE DUCT DIMENSIONS SHALL BE SAME AS THOSE SHOWN ON DRAWINGS. DIMENSIONS SHOWN ARE INTERIOR DIMENSIONS.



ENLARGED HVAC FLOOR PLAN

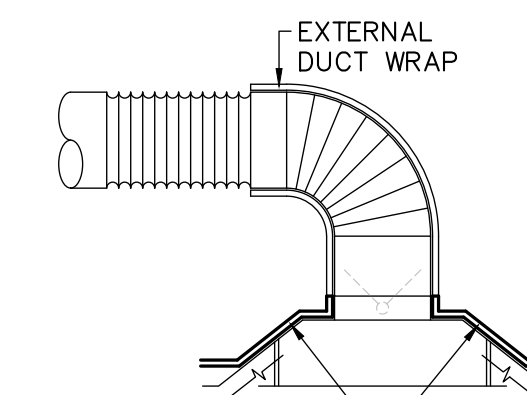
SCALE: 1/4"=1'-0"

ALL NEW WORK SHOWN IN **BOLD**



DIFFUSER SCHEDULE					
SYMBOL	TITUS MODEL No.	NECK SIZE	C.F.M.	No. REQ'D	REMARKS
A	TMS	8"ø	150	1	NOTE 1

- NOTE:
- STAMPED STEEL SQUARE CEILING SUPPLY DIFFUSER WITH NECK SIZE INDICATED



CEILING DIFFUSER DETAIL

NO SCALE

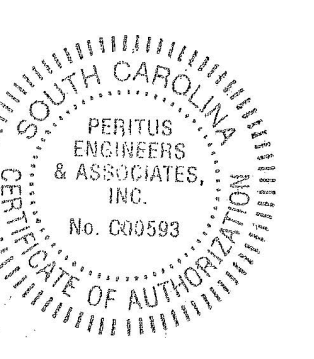
INSTALL CONTINUOUS INSULATION ON BACK OF CEILING DIFFUSER. SEAL INSULATION AIR TIGHT TO PREVENT FORMATION OF CONDENSATION. CEILING GRID SHALL NOT BE IN CONTACT WITH COLD CEILING DIFFUSER SURFACE.

REVISIONS

DATE	MARK	DESCRIPTION
14 APR 2023	0	ISSUE FOR CSE CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
 NCARB CERTIFICATES 4257, 2753, 4427 & 4474
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
 620 N. MAIN STREET | SUITE 104
 GREENVILLE, SOUTH CAROLINA 29601
 PHONE: 844/242-5450
 WWW.CWHSARCHITECTS.COM

ENLARGED HVAC FLOOR PLAN
 HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
 GREER, SOUTH CAROLINA



DRAWN | TMI
 JOB | 2205-020
 DATE | 14 APR 2023

M-101
 DRAWING NUMBER



- 20A, 125V, 2P, 3W, NEMA 5-20R, DUPLEX RECEPTACLE MTD. 18" ABOVE FLOOR UNLESS NOTED OTHERWISE. SEE ABBREVIATIONS BELOW FOR DESIGNATIONS:
- 2x4 CEILING GRID MOUNTED LED LIGHT FIXTURE.
- SAME AS ABOVE EXCEPT UNSWITCHED FOR NIGHT LIGHT AND FED FROM EMERGENCY GENERATOR. FEED FIXTURE FROM EMERGENCY GENERATOR LIGHTING CIRCUIT.
- EMERGENCY TYPE EXIT SIGN. SHADED AREA INDICATES ILLUMINATED FACE. PROVIDE CONTINUOUS HOT LEAD FROM EMERGENCY GENERATOR LIGHTING CIRCUIT. 'E' INDICATES EXISTING TO REMAIN.
- WALL MTD EXTERIOR EGRESS EMERGENCY LIGHT TIED INTO EMERGENCY GENERATOR CIRCUIT.
- WALL MOUNTED EXTERIOR SCONCE FIXTURE. 'E' INDICATES EXISTING TO REMAIN. 'ED' INDICATES EXISTING TO BE DEMOLISHED.
- POLE MOUNTED AREA LIGHTING FIXTURE, DUAL ARM.
- HOMERUN TO ELECTRICAL PANEL. HOMERUN NOTE (A-7) INDICATES PANEL DESIGNATION AND RELATIVE CIRCUIT NUMBER. UNLESS NOTED OTHERWISE, CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT. HATCH MARKS INDICATE THE QUANTITY OF CONDUCTORS REQUIRED. SHORT HATCH MARKS REPRESENT HOT CONDUCTORS OR SWITCHED LEGS. LONG HATCH MARKS REPRESENT THE NEUTRAL CONDUCTOR. ALL BRANCH CIRCUITS SHALL CONTAIN A #12 INSULATED GREEN GROUND CONDUCTOR. PROVIDE ALL WIRING REQUIRED TO ACCOMPLISH CIRCUITRY AS INDICATED. NO HATCH MARKS INDICATE 2#12, #12G-3/4".
- BRANCH CIRCUIT WIRING CONCEALED IN WALL OR CEILING SPACE.
- BRANCH CIRCUIT WIRING ROUTED BELOW GRADE.
- CONDUIT RUN TURNED DOWN OR AWAY FROM OBSERVER.
- CONDUIT RUN TURNED UP OR TOWARDS OBSERVER.
- CAPPED CONDUIT.
- ELECTRICAL PANEL, 480/277V, MOUNTING AS INDICATED. COORDINATE EXACT LOCATION IN FIELD.
- ELECTRICAL PANEL, 208/120V, MOUNTING AS INDICATED. COORDINATE EXACT LOCATION IN FIELD.

- FACB** EXISTING SECUTRON MODEL MR-2400 FIRE ALARM CONTROL PANEL (TO REMAIN). EXISTING FIRE ALARM KNOX BOX. 'ER' INDICATES EXISTING TO BE RELOCATED. 'EN' INDICATES EXISTING AT NEW LOCATION. TAP AND EXTEND EXISTING WIRING AS REQUIRED.
- F** FIRE ALARM PULL STATION UNIT MOUNTED AT 48" AFF TO MATCH EXISTING. TIE INTO EXISTING FIRE ALARM SYSTEM. 'E' INDICATES EXISTING TO REMAIN.
- F** FIRE ALARM HORN/STROBE UNIT MOUNTED AT 84" AFF TO MATCH EXISTING. TIE INTO EXISTING FIRE ALARM SYSTEM. 'E' INDICATES EXISTING TO REMAIN.
- DS** WALL MOUNTED DOOR STATION. PROVIDE A 4" DUAL GANG JUNCTION BOX WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. WIRING AND DEVICE BY OWNER. 'E' INDICATES EXISTING TO REMAIN.
- EL** LOW VOLTAGE ELECTRIC DOOR LATCH MOUNTED WITHIN DOOR CASEWORK. PROVIDE 3/4" CONDUIT UP TO ACCESSIBLE CEILING SPACE. WIRING AND DEVICE BY OWNER. 'E' INDICATES EXISTING TO REMAIN.
- CR** WALL MOUNTED CARD READER. PROVIDE A 4" DUAL GANG JUNCTION BOX WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. WIRING AND DEVICE BY OWNER. 'E' INDICATES EXISTING TO REMAIN.
- M** AUTOMATIC DOOR OPENER. PROVIDE 120V CONNECTION TO LOCAL NORMAL POWER SOURCE. 'E' INDICATES EXISTING TO REMAIN.
- P** WALL MOUNTED 'PUSH TO OPEN' DOOR OPERATOR. PROVIDE A 4" DUAL GANG JUNCTION BOX WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. WIRING AND DEVICE BY OWNER. 'E' INDICATES EXISTING TO REMAIN.
- KP** EXISTING SECURITY KEYPAD (TO REMAIN).

1. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. ANY CORRECTIONS WILL BE MADE BY THE ELECTRICAL CONTRACTOR AT NO COST TO THE OWNER.
2. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE IBC AND THE NATIONAL ELECTRICAL CODE, LATEST EDITIONS, AND ALL APPLICABLE STATE AND LOCAL CODES. ALL WORK SHALL BE ACCOMPLISHED IN A NEAT AND PROFESSIONAL MANNER.
3. ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE U/L LABEL.
4. ALL TERMINALS SHALL BE RATED FOR 75 DEGREES CELSIUS COPPER WIRE.
5. RECEPTACLES SHALL BE OF THE GROUNDING TYPE WITH GROUND CONNECTION MADE THROUGH AN EXTRA POLE WHICH SHALL BE PERMANENTLY CONNECTED TO THE RACEWAY AND GROUNDING SYSTEMS. COVERPLATES AND FINISH FOR ALL WIRING DEVICES TO MATCH EXISTING.
6. LIGHTING FIXTURES SHALL BE FURNISHED COMPLETE IN ALL RESPECTS. VERIFY CEILING FINISHES AND SUSPENSION SYSTEMS FOR SELECTION OF PROPER TRIM AND SUPPORT ARRANGEMENTS. INSTALL ALL LIGHT FIXTURES WITH LAMPS AS REQUIRED.
7. ALL LIGHTING FIXTURES SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE BY A MECHANICAL MEANS THAT COMPLIES WITH REQUIREMENTS FOR SEISMIC EVENTS PER ASCE 7.16.
8. ALL WIRING SHALL BE CONCEALED WHERE POSSIBLE AND INSTALLED IN SUITABLE RACEWAYS. EMT SHALL BE USED (3/4" MIN) FOR LIGHTING AND POWER BRANCH CIRCUITRY. EMT SHALL BE USED FOR EQUIPMENT FEEDERS. SCHEDULE 40 PVC SHALL BE USED UNDERGROUND.
9. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE SEALED USING APPROVED MATERIALS AND METHODS TO MAINTAIN THE ORIGINAL FIRE-RESISTANCE RATING.
10. RECEPTACLES INSTALLED BACK TO BACK IN FIRE RATED WALLS SHALL BE A MINIMUM OF 24" APART AND SHALL NOT OCCUPY THE SAME STUD CAVITY.
11. ALL WIRE SHALL BE SINGLE CONDUCTOR STRANDED, COPPER SIZED AS INDICATED ON THE DRAWINGS. MINIMUM SIZE SHALL BE #12 AWG.
12. SOLID WIRE MAY BE USED FOR #12 AND #10 AWG WIRE USED ON LIGHTING FIXTURES, RECEPTACLES AND SWITCHES ONLY.
13. INSULATION OF WIRE SHALL BE 75 DEGREES CELSIUS (THHN, THWN), 600 VOLT.
14. UNLESS INDICATED ON THE DRAWINGS, ALL WIRING SHALL BE #12 AWG. CONTRACTOR SHALL CONFIRM AND ROUTE THE PROPER QUANTITY OF WIRES AND SIZE OF CONDUIT TO FIT THE APPLICATION AND THE CIRCUITRY INDICATED.
15. CONTRACTOR SHALL PROVIDE A PROPERLY SIZED, GREEN COLORED INSULATED GROUNDING CONDUCTOR IN ALL CONDUITS. THIS CONDUCTOR IS NOT INDICATED IN THE HATCH MARKS ON THE CONDUIT RUNS ON THE PLANS.
16. PROVIDE UPDATED TYPED CIRCUIT DIRECTORIES FOR ALL PANELS MODIFIED DURING CONSTRUCTION.
17. THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, CONDUIT, WIRE, AND FIXTURES NOT RE-USED IN THE RENOVATION OR INTERFERING WITH NEW CONSTRUCTION. PRIOR TO BIDDING, THE CONTRACTOR SHALL VISIT THE SITE TO EXAM THE EXISTING FACILITY TO BETTER UNDERSTAND THE EXTENT OF THE DEMOLITION AND EXISTING CONDITIONS.

1. REMOVE ALL DEVICES/FIXTURES NOT RE-USED IN RENOVATION OR INTERFERING WITH NEW CONSTRUCTION. REFER TO ARCHITECTURAL & MECHANICAL DEMOLITION PLANS FOR ADDITIONAL DETAILS.
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TRACING AND DISCONNECTING CIRCUIT(S) SERVING EQUIPMENT REMOVED DURING DEMOLITION. REMOVE CONDUIT NOT USED BACK TO NEAREST J-BOX.
3. BREAKER(S) NO LONGER FEEDING EXISTING CIRCUIT(S) SHALL BE LABELED INACTIVE AND/OR UTILIZED FOR NEW CIRCUITS.
4. SURFACE MOUNTED RACEWAY NO LONGER IN USE SHALL BE REMOVED TO NEAREST J-BOX.
5. PROVIDE COVERPLATE(S) CAPABLE OF OVERLAPPING WALL PENETRATION BY MINIMUM OF 1/4" FOR ALL DEVICES REMOVED.
6. PAINT TO MATCH AREAS IN WHICH SURFACE MOUNTED DEVICE(S) ARE REMOVED.
7. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO BETTER UNDERSTAND SCOPE OF DEMOLITION.
8. COORDINATE W/ OWNER'S REPRESENTATIVE FOR DEVICES AND/OR EQUIPMENT TO BE RETURNED TO THE OWNER UPON DEMOLITION.
9. COORDINATE W/ OWNER'S REPRESENTATIVE FOR PHASING OF PROJECT INCLUDING ALL SHUT-DOWNS AND REMOVAL OF EXISTING DEVICES AND/OR EQUIPMENT.
10. EXISTING DEVICES/CONDUIT ENCOUNTERED DURING DEMOLITION OF EXISTING WALLS AND CEILINGS SHALL BE RE-ROUTED AND/OR DISCONNECTED AS REQUIRED/NEEDED. REFERENCE ARCHITECTURAL DEMOLITION PLANS FOR WALLS AND CEILINGS REMOVED.
11. ALL LIGHTING FIXTURES REMOVED DURING DEMOLITION SHALL BE RETURNED TO OWNER.

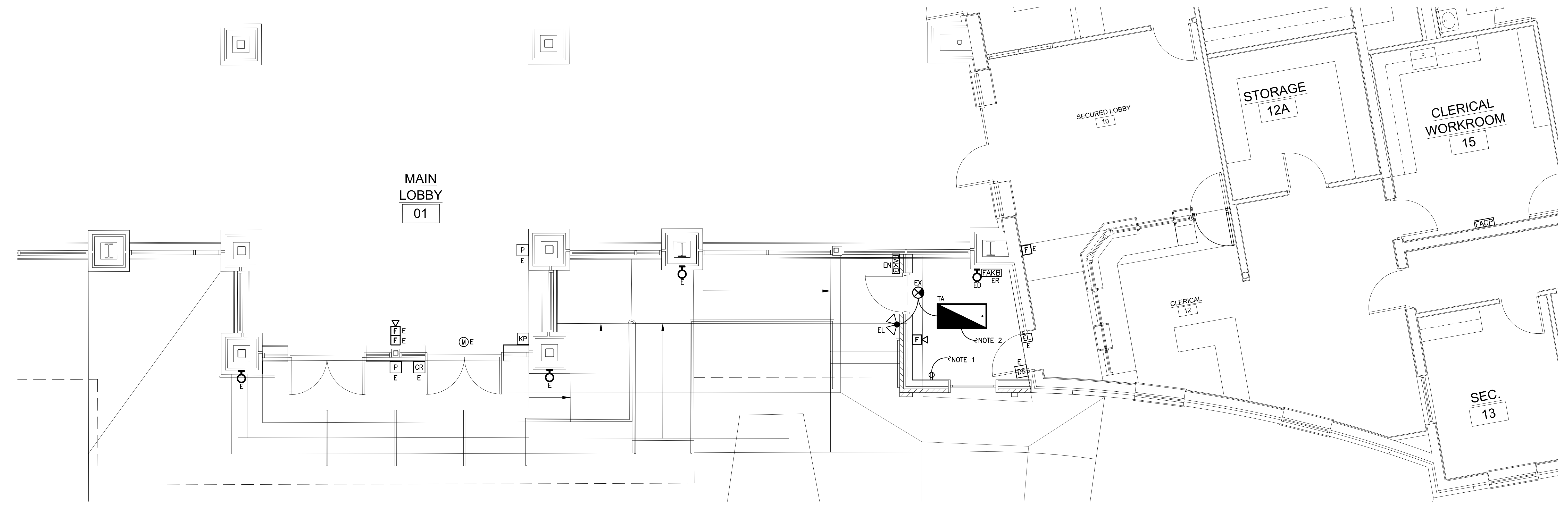
D5 DEMOLITION NOTES

1. TIE INTO EXISTING RECEPTACLE CIRCUIT IN OFFICE AREA.
2. PULL AN UNSWITCHED LEG OF THE LOCAL GENERATOR LIGHTING CIRCUIT TO ALL EXIT, EMERGENCY AND NIGHT LIGHTING FIXTURES SHOWN UNLESS INDICATED OTHERWISE ON PLANS.
3. DETERMINE EXACT LOCATION FOR ALL LIGHT FIXTURES IN FIELD. COORDINATE WITH OTHER TRADES.

C1 ELECTRICAL SYMBOLS

C3 ELECTRICAL SPECIFICATIONS

C5 PLAN NOTES



A1 ENLARGED FLOOR PLAN

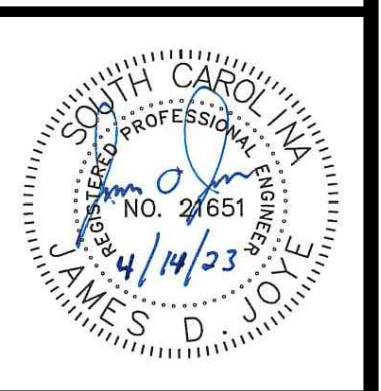
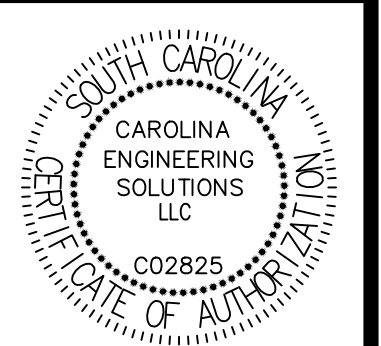
1/4"

REVISIONS	
DATE	DESCRIPTION
14 APR 2023	ISSUE FOR O&F CD REVIEW - ISSUE FOR BIDS
0	

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES 46297, 27553, 44627 & 44714

ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864/242-5450
WWW.AWHSARCHITECTS.COM

ELECTRICAL LIGHTING PLAN
HANDICAP ACCESSIBLE UPGRADES FOR
BLUE RIDGE MIDDLE SCHOOL
GREER, SOUTH CAROLINA



DRAWN: JDJ
JOB: 23-027
DATE: 14 APR 2023

E-101
DRAWING NUMBER

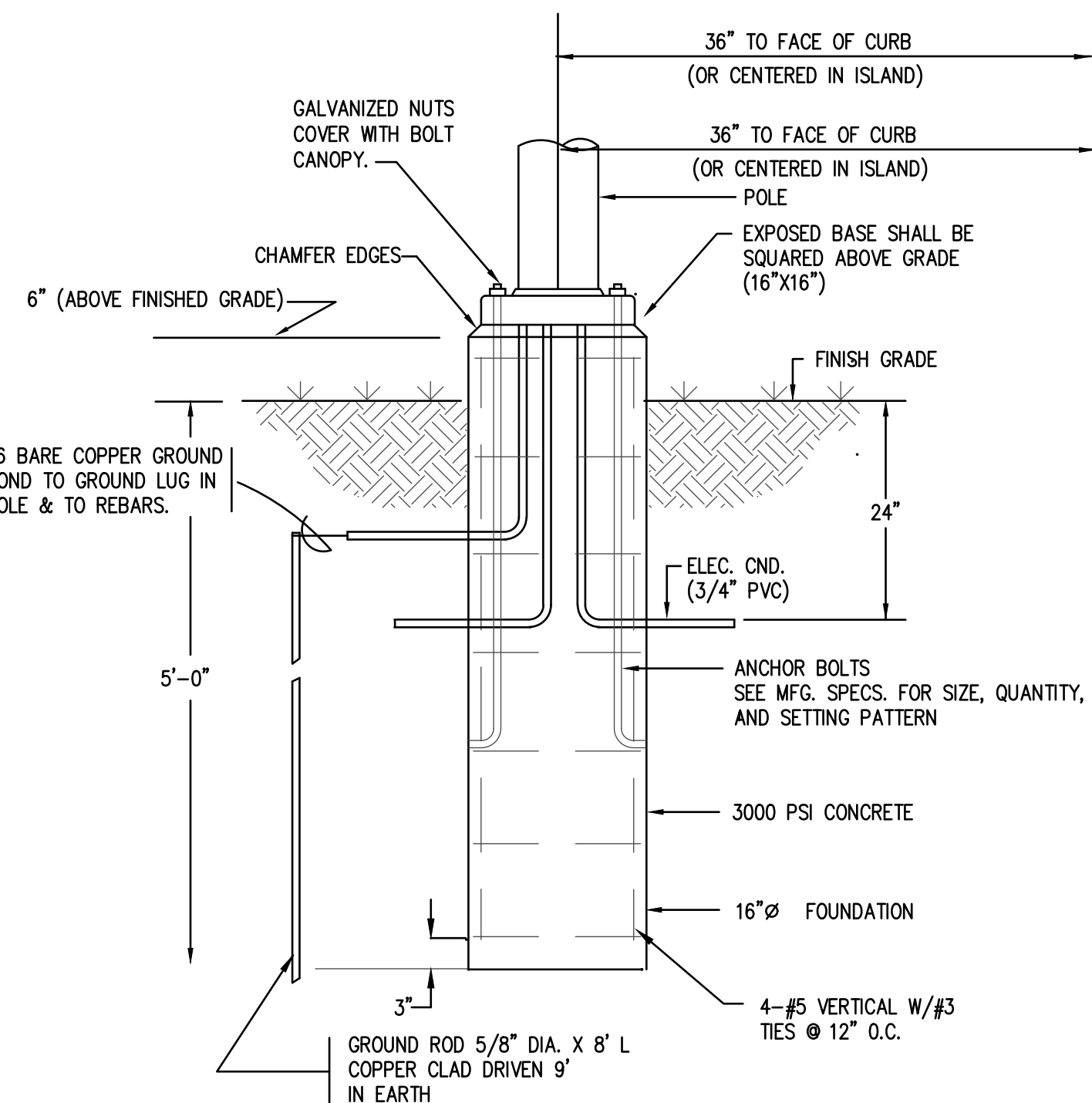


THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2023

GENERAL LIGHTING NOTES:

1. MANUFACTURERS & NUMBERS ARE LISTED TO ESTABLISH QUALITY ONLY AND NOT TO LIMIT COMPETITION. TEN DAYS PRIOR TO BIDDING, SUBSTITUTIONS ARE ALLOWED SUBJECT TO SUBMITTAL DATA, PHOTOMETRICS & ENGINEERS APPROVAL AS REQUIRED BY SPECIFICATIONS.
2. ALL FIXTURES TO BE U.L. LISTED. ALL EXTERIOR FIXTURES SHALL HAVE U.L. WET LABEL OR DAMP LABEL AS REQUIRED BY LOCATION. CONTRACTOR SHALL VERIFY BEFORE INSTALLING FIXTURE.
3. CONTRACTOR SHALL PROVIDE ALL MOUNTING ACCESSORIES & HARDWARE REQUIRED FOR A COMPLETE SYSTEM.

FIXTURE TYPE	FIXTURE DESCRIPTION	ACCEPTABLE MANUFACTURERS	LAMPS	FIXTURE WATTAGE	VOLTAGE
EL	EXTERIOR WEATHERPROOF EMERGENCY EXTERIOR LED LIGHT FIXTURE WITH PE CELL.	HUBBELL # SG1-20-4K7-FT-UNV-COLOR-CS	BY MANUFACTURER	12	MULTI
EX	UNIVERSAL MOUNTED EXIT SIGN WITH RED LED ON WHITE HOUSING, AC ONLY, DIFFUSER LENS, SPEC GRADE.	DUAL LITE # EVEURW	BY MANUFACTURER	10	MULTI
LP2	POLE MOUNTED, DUAL ARM LED AREA LIGHTING FIXTURE WITH 25" ROUND TAPERED POLE, FINISH BY ARCHITECT.	FIXTURE BEACON # VP-1-160L-115-4K7-2-VOLT-A-FINISH-7PR-NXOFM-1R1D-UNV POLE BEACON # RTAB25-70B-1-B3	LED (15000 LUMENS)	230	277
TA	RECESSED 2X4 LED FIXTURE WITH CENTER SHIELD, 0-10V DIMMING.	COLUMBIA # LCAT24-40HLG-EDU	LED	50	MULTI



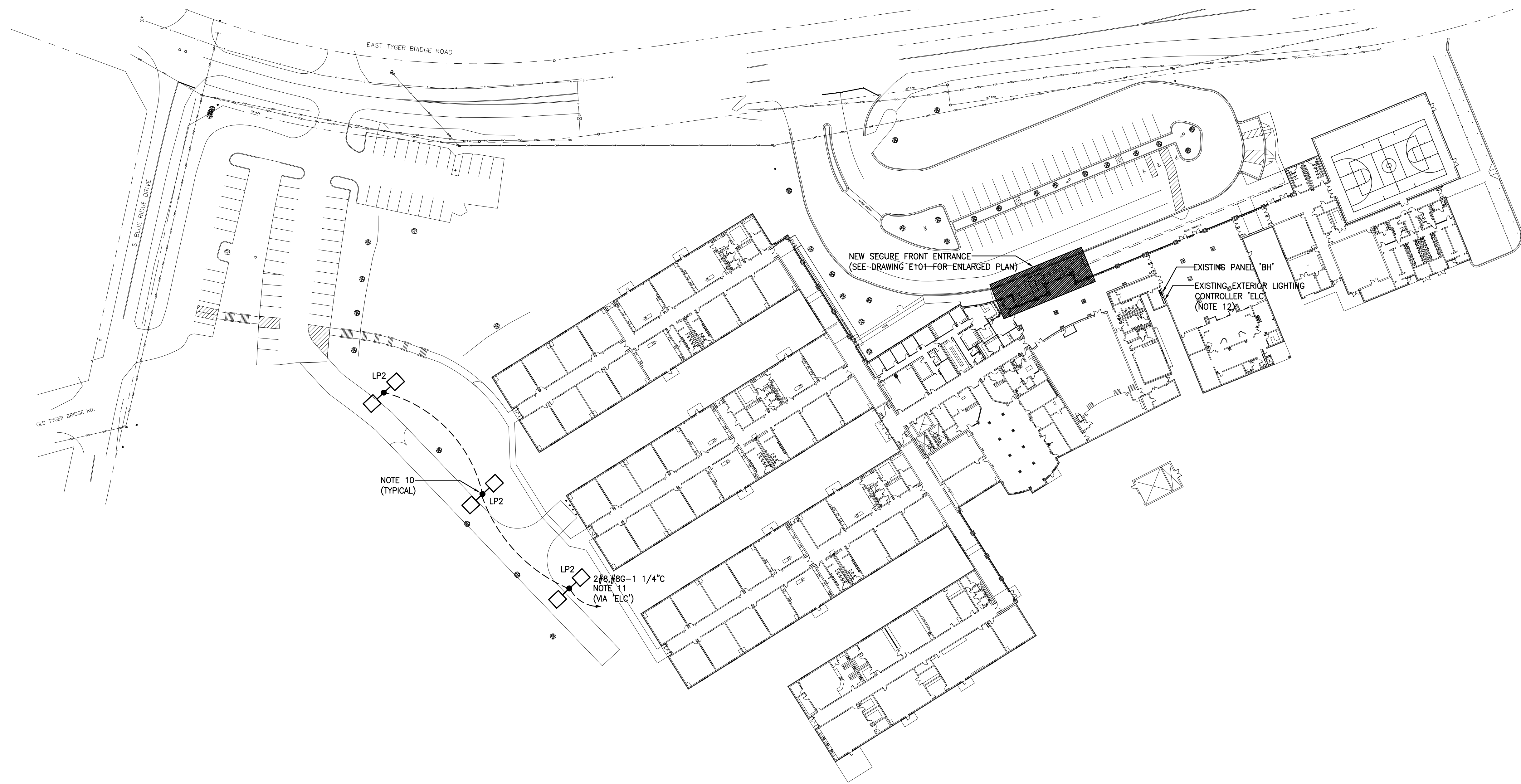
1. CONTRACTOR SHALL VERIFY SITE LAYOUT WITH ARCHITECTURAL, CIVIL, AND LANDSCAPE PLANS AND MAKE MINOR ADJUSTMENTS TO FIXTURE PLACEMENT TO ACCOMMODATE DRAINAGE, PLANTINGS, ETC.
2. INSTALL POLES A MINIMUM OF 3'-0" BACK FROM CURBS. POLES SHALL BE INSTALLED COMPLETE PER MANUFACTURERS RECOMMENDATIONS.
3. NOT USED.
4. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITY LINES PRIOR TO ANY UNDERGROUND DIGGING OR TRENCHING.
5. INSTALL ALL CONDUIT AT DEPTHS AS SPECIFIED IN TABLE 300.5 IN THE NEC.
6. CONTRACTOR SHALL COORDINATE HEAVILY WITH ALL OTHER DISCIPLINES DURING SITE EXCAVATION TO INSURE THERE ARE NO CONFLICTS WITH UTILITY CONDUIT ROUTING.
7. CONTRACTOR WILL BE REQUIRED TO MEET WITH LOCAL WATER, GAS, CABLE, COMMUNICATIONS, AND ELECTRICAL COMPANIES PRIOR TO INSTALLING CONDUITS. ROUTING OF CONDUITS, SLEEVE LOCATIONS UNDER PAVEMENT, PULL BOX REQUIREMENTS, ETC. TO BE COORDINATED WITH EACH UTILITY.
8. CONTRACTOR SHALL MAINTAIN FLAGGING FOR CONDUIT LOCATIONS AND HAND HOLES THROUGHOUT CONSTRUCTION.
9. SCHEDULE 40 PVC SHALL BE USED (3/4" MIN) TRANSITIONING TO RGC UNDER PAVED OR HIGH TRAFFIC AREAS AND IN AREAS WHERE CONDUIT IS STUBBED UP INTO BUILDING AND/OR AT EQUIPMENT.
10. PROVIDE CONCRETE POLE BASE PER DETAIL ON THIS DRAWING.
11. FURNISH AND INSTALL 20A/1P BREAKER IN EXISTING PANEL 'BH' TO FEED NEW EXTERIOR LIGHTING CIRCUIT. ROUTE CIRCUIT THROUGH EXISTING EXTERIOR LIGHTING CONTROLLER 'ELC'.
12. PROVIDE ADDITIONAL CONTACTS IN EXISTING EXTERIOR LIGHTING CONTROLLER IF REQUIRED.

D1 LIGHTING FIXTURE SCHEDULE

D2 CONCRETE BASE DETAIL

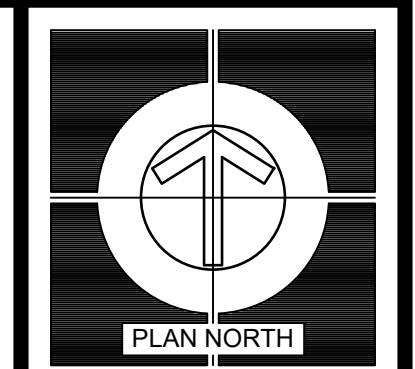
N.T.S.

D3 PLAN NOTES



A1 ELECTRICAL SITE PLAN

50'

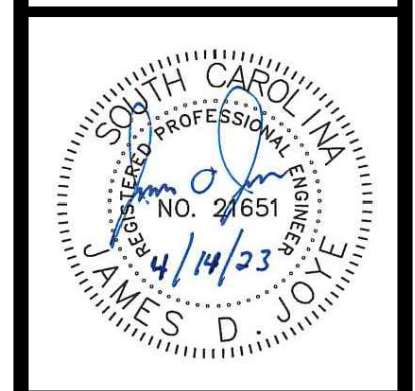
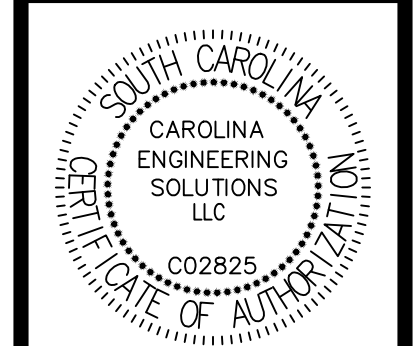


REVISIONS

DATE	MARK	DESCRIPTION
14 APR 2023	0	ISSUE FOR O&E CD REVIEW - ISSUE FOR BIDS

MEMBERS: AMERICAN INSTITUTE OF ARCHITECTS
NCARB CERTIFICATES 4257, 2753, 4427 & 4474
ARD, WOOD, HOLCOMBE & SLATE, INC.
ARCHITECTS AND PLANNERS
620 N. MAIN STREET | SUITE 104
GREENVILLE, SOUTH CAROLINA 29601
PHONE: 864/242-5450
WWW.AWHSARCHITECTS.COM

ELECTRICAL SITE PLAN
HANDICAP ACCESSIBLE UPGRADES FOR BLUE RIDGE MIDDLE SCHOOL
GREEN, SOUTH CAROLINA



DRAWN	JDJ
JOB	23-027
DATE	14 APR 2023

E-201
DRAWING NUMBER



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF ARD, WOOD, HOLCOMBE & SLATE, INC. ARCHITECTS AND PLANNERS. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION. © COPYRIGHT 2022