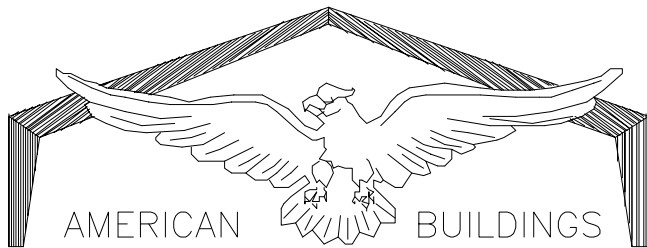


BUILDER :ALEXANDER DESIGN BUILD., LLC  
CUSTOMER :NIELL'S CREEK CHURCH GYM  
LOCATION :ANGIER NC





PROJECT NUMBER: A20B0267A  
 PROJECT NAME: Niell's Creek Church Gym  
 PROJECT LOCATION: Angier, NC 27501  
 CUSTOMER: Alexander Design Build. LLC

## Notes and Specifications

### Building Erection Notes

1) The general contractor and/or erector is responsible to safely and properly erect the metal building system in conformance with these drawings, OSHA requirements and metal building system in conformance with these drawings, OSHA requirements and either MBMA or CSA S16 standards pertaining to proper erection. This includes, but is not limited to, the correct use of temporary guys and bracing where needed for squaring, plumbing, and securing the structural and secondary framing. Secondary wall framing members (girts or bar joists) are not designed to function as a work platform or provide safety tie-off attachment in accordance with OSHA requirements. Secondary roof framing members (purlins or bar joists) are not designed to provide safety tie-off attachment in accordance with OSHA requirements.

2) A325 & A490 Bolt tightening requirements: It is the responsibility of the erector to ensure proper bolt tightness in accordance with applicable regulations. See the RCS Specification for Structural Joints Using A325 or A490 Bolts for more information.

The following criteria may be used to determine the bolt tightness (i.e. "snug-tight" or "fully-pre-tensioned"), unless required otherwise by local jurisdiction or contract requirements:

A) All A490 bolts shall be "fully-pre-tensioned".  
 B) All A325 bolts in primary framing (rigid frames and bracing) may be "snug-tight", except as follows:  
 "Fully-pre-tension" A325 bolts if:

- Building supports a crane system with a capacity greater than 5 tons.
- Building supports machinery that creates vibration, impact or stress-reversals on the connections. The Engineer-of-Record for the project should be consulted to evaluate for this condition.
- The project site is located in a high seismic area. For IBC-based codes, "High Seismic Area" is defined as "Seismic Design Category" of "D", "E", or "F". See the "Building Loads" section of this page for the defined seismic design category for this project.
- Any connection designated in these drawings as "A325-SC". "Slip-Critical (SC)" connections must be free of paint, oil, or other materials that reduce friction at contact surfaces. Galvanized or lightly rusted surfaces are acceptable.

C) In Canada, all A325 and A490 bolts shall be "fully pre-tensioned", except for secondary members (purlins, girts, opening framing, etc.) and flange braces.  
 D) Secondary members (purlins, girts, opening framing, etc.) and flange brace connections may always be "snug-tight", unless indicated otherwise in these drawings.

3) The metal building supplier shall be notified prior to any field modifications. Modifications shall be approved by the metal building supplier before work is undertaken.

4) Common Abbreviations:  
 a) TYP UNO - Typical Unless Noted Otherwise  
 b) SLV - Short Leg Vertical  
 c) LLV - Long Leg Vertical  
 d) NS & FS - Near Side and Far Side  
 e) O.A.L. - Overall Length  
 f) SIM - Similar  
 g) NIC - Not in Contract  
 h) SL - Steel Line  
 i) N/A - Not Applicable  
 j) MBS - Metal Building Supplier

5) Construction loads shall not be placed on any structural steel framework unless such framework is safely bolted, welded, or otherwise adequately secured.

6) Purlins and girts shall not be used as an anchorage point for a fall arrest system unless written approval is obtained from the metal building supplier.

7) Purlins may only be used as a walking/working surface when installing safety systems, after all permanent bridging has been installed and fall protection is provided.

8) Construction loads may be placed only within a zone that is within 8 feet of the center line of the primary support member. CFR bundles should be placed directly over the rigid frames.

9) All lifting devices must meet OSHA or MSHA standards and in no case is it acceptable to use structural members supplied by the MBS as a spreader bar or lifting device.

### General Design Notes

1) All structural steel sections and welded plate members are designed in accordance with ANSI/AISC 360 "Specifications for Structural Steel Buildings" or the CAN/CSA S16 "Limit States Design of Steel Structures", as required by the specified building code.

2) All welding of structural steel is based on either AWS D1.1 "Structural Welding Code - Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.

3) All cold formed members are designed in accordance with ANSI/AISI S100 or CAN/CSA S136 "Specifications for the Design of Cold Formed Steel Structural Members", as required by the specified building code.

4) All welding of cold formed steel is based on AWS D1.3 "Structural Welding Code - Sheet Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.

5) This Metal Building Supplier facility is IAS AC-472 Accredited and CAN/CSA A660 and W47.1 Certified (if applicable) for the design and manufacturing of Metal Building Systems.

6) If joists are included with this project, they are supplied as a part of the systems engineered metal building and are fabricated in accordance with the requirements of Section 1926.758 of the OSHA safety standards for steel erection, dated January 18, 2001.

### Material Specifications

Plate and Flange Material:

5" - 12" Wide, to 1 1/4" Th.	A529 Grade 55
Others	A572 Grade 50
Built-Up Structural Web	A1011 SS (or HSLAS Class 1) Grade 55
Hot-Rolled Structural	A36 or A572 Grade 50 or A992 Grade 50
Structural Tube	A500 Grade B (46 KSI)
Structural Pipe	A500 Grade B (42 KSI)
Cold-Formed Structural	A1011 or A1039 SS (or HSLAS Class 1) or A653 Grade 55
Thru-Fastened Roof Panel	A792 Grade 80
Standing Seam Roof Panel	A792 Grade 50, Class 1
All Wall Panel Profiles	A653 Grade 80, Class 1 or A792 Grade 80, Class 1
Rod Bracing	A529 Grade 50
Welds	AWS D11.1/D1.3 or CSA W59 per Building Code
High-Strength Bolts	A325 Type 1 or A490 Type 1 Heavy Hex
Machine Bolts	A307 Grade A Hex

TRADEMARK 1998, NJCOR BUILDING SYSTEMS

PRIMARY AND SECONDARY STEEL PRIMER COLOR: RED

ROOF SHEETING, TYPE: S3P 24 GAUGE, FINISH: DARK BRONZE-PVDF

ROOF PANEL CLIP TYPE: TALL

THERMAL BLOCKS: YES EPS FOAM SPACER: \_\_\_\_\_

COMPOSITE S3P DECK, TYPE: N/A GAUGE, FINISH: \_\_\_\_\_

ROOF LINE TRIM, PAINTED: FOX GRAY-SP

EXTERIOR WALL SHEETING, TYPE: A3P 26 GAUGE, FINISH: GALVALUME PLUS

EXTERIOR WALL CORNER TRIM FINISH: GALVALUME PLUS

EXTERIOR BASE TRIM, PAINTED: BURNISHED SLATE-SP

FRAMED OPENING TRIM, PAINTED: GALVALUME PLUS

WALL FRAMED OPENING, SIZES: FSW ( 3 ) 3 W x 4, window sill at 2

BSW none

LEW none

REW none

INTERIOR WALL SHEETING, TYPE: \_\_\_\_\_ GAUGE, FINISH: \_\_\_\_\_

INTERIOR CEILING LINER, TYPE: \_\_\_\_\_ GAUGE, FINISH: \_\_\_\_\_

INTERIOR WALL TRIM, PAINTED: \_\_\_\_\_

YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	DOWNSPOUTS PAINTED: <u>FOX GRAY-SP</u> GUTTERS PAINTED: <u>FOX GRAY-SP</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	WALKDOORS, QUANTITY: <u>2</u> PAINTED: <u>WHITE</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WINDOWS: _____ PAINTED: _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	INSULATION (NOT BY MBS), ROOF: <u>4</u> INCH WALLS: <u>6</u> INCH
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CRANES (SEE CRANE PLAN FOR ADDITIONAL CRANE INFORMATION)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MEZZANINE (SEE MEZZANINE PLAN FOR ADDITIONAL MEZZANINE INFO)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WALL TRANSLUCENT PANELS: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROOF TRANSLUCENT PANELS: _____
		INSULATED PANELS YES <input type="checkbox"/> NO <input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PIPE JACKS, SIZE: _____ QUANTITY: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROOF FRAMED OPENINGS, SEE ROOF FRAMING PLAN FOR SIZES
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RIDGE VENTS, 10'-0" LONG X 9" THROAT. QUANTITY: _____

FOR OCCUPANCY (RISK) CATEGORY I OR II, IBC PROVISIONS INDICATE THAT SINGLE-STORY BUILDINGS SHALL HAVE "NO DRIFT LIMIT" PROVIDED THAT INTERIOR WALLS, PARTITIONS, CEILINGS, AND EXTERIOR WALL SYSTEMS HAVE BEEN DESIGNED TO ACCOMMODATE THE SEISMIC STORY DRIFTS. INTERIOR WALLS, PARTITIONS, CEILINGS, OR EXTERIOR WALL SYSTEMS NOT PROVIDED BY THE METAL BUILDING MANUFACTURER SHALL BE DESIGNED AND DETAILED BY OTHERS TO ACCOMMODATE THE SEISMIC STORY DRIFTS. SEISMIC DRIFT VALUES MAY BE OBTAINED FROM THE METAL BUILDING MANUFACTURER.

THIS BUILDING SYSTEM IS BASED ON UNIFORMLY APPLYING THE CONTRACT-SPECIFIED LIVE LOAD AND ROOF SNOW LOAD. IN ADDITION, THE DESIGN IS BASED ON APPLYING A CODE-DEFINED LIVE LOAD (INCLUDING APPLICABLE REDUCTIONS) AND A CODE-DEFINED SNOW LOAD (BASED ON CONTRACT-SPECIFIED GROUND SNOW) FOR ALL PARTIAL LOADING AND UNBALANCED SNOW LOAD CONDITIONS.

THE WALL SYSTEM BY OTHERS MUST WEIGH NO MORE THAN .55 PSF.

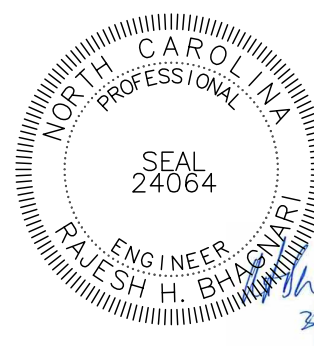
THE SPANDREL BEAMS AND/OR SPANDREL CHANNELS SUPPORTING THE TOP OF THE MASONRY WALLS MUST BE ATTACHED TO THE WALLS WITH A SPACING NOT TO EXCEED 4'-0" O.C. (MAX.). THE SPANDRELS MUST ALSO BE RIGIDLY ATTACHED TO THE WALL NO MORE THAN 6" AWAY FROM EACH PAIR OF INTERMEDIATE STIFFENERS. THIS ATTACHMENT IS DESIGNED AND PROVIDED BY OTHERS (NOT BY THE METAL BUILDING MANUFACTURER). FIELD DRILLING OF THE SPANDRELS FOR A BOLTED CONNECTION WILL BE REQUIRED.

IF SNOW GUARDS OR OTHER DEVICES INTENDED TO HOLD SNOW AND/OR ICE ACCUMULATION ON THE ROOF SYSTEM ARE TO BE USED ON THIS PROJECT, THEY MUST BE INSTALLED UNDER THE GUIDANCE OF THE PROJECT "ENGINEER OF RECORD" (EOR), NOT THE METAL BUILDING MANUFACTURER, SO AS NOT TO EXCEED THE DESIGN ROOF SNOW LOAD ON THIS PROJECT.

ACCESSORIES (DOORS, WINDOWS, ETC.) NOT PROVIDED BY THE METAL BUILDING MANUFACTURER MUST BE DESIGNED AS "COMPONENTS AND CLADDING" IN ACCORDANCE WITH THE SPECIFIC WIND PROVISIONS OF THE REFERENCED BUILDING CODE DISPLAYED ON THE COVER PAGE OF THIS DRAWING PACKET.

YES	NO	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FASCIA, PROJECTION: _____ TOP OF FASCIA HEIGHT: _____
		FACE PANEL, TYPE: _____ GAUGE, FINISH: _____
		BACK PANEL, TYPE: _____ GAUGE, FINISH: _____
		CAP TRIM PAINTED: _____ BASE TRIM PAINTED: _____
<input type="checkbox"/>	<input type="checkbox"/>	CLOSED SYSTEM, CLEAR UNDER SOFFIT TRIM: _____
		SOFFIT PANEL, TYPE: _____ GAUGE, FINISH: _____
		SOFFIT TRIM AT BUILDING LINE PAINTED: _____
<input type="checkbox"/>	<input type="checkbox"/>	OPEN SYSTEM, (NO SOFFIT PANEL PROVIDED)
		CLEAR UNDER FASCIA: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PARAPET SYSTEM
<input type="checkbox"/>	<input type="checkbox"/>	STRUCTURAL PARAPET <input type="checkbox"/> NON-STRUCTURAL PARAPET
		TOP OF PARAPET HEIGHT: _____
		BACKER PANEL, TYPE: _____ GAUGE, FINISH: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CANOPY, PROJECTION: _____
		AT EAVE LINE <input type="checkbox"/> BELOW EAVE <input type="checkbox"/>
		ROOF PANEL, TYPE: _____ GAUGE, FINISH: _____
		SOFFIT PANEL, TYPE: _____ GAUGE, FINISH: _____
		SOFFIT TRIM AT BUILDING LINE PAINTED: _____
		CLEAR UNDER CANOPY BEAM: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	EAVE EXTENSION, PROJECTION: _____
		SOFFIT PANEL, TYPE: _____ GAUGE, FINISH: _____
		SOFFIT TRIM AT BUILDING LINE PAINTED: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RAKE EXTENSION, PROJECTION: _____
		SOFFIT PANEL, TYPE: _____ GAUGE, FINISH: _____
		SOFFIT TRIM AT BUILDING LINE PAINTED: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PARTITION WALL SHEETING
		PANEL TYPE: _____ GAUGE, FINISH: _____
		PARTITION WALL TRIM COLOR: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WAINSCOT
		WALL PANEL, TYPE: _____ GAUGE, FINISH: _____
		BASE TRIM PAINTED: _____ JAMB TRIM PAINTED: _____
		TRANSITION TRIM PAINTED: _____

**ABC Design Approved**  
 Joseph Ferrell  
 03/20/2020 10:33:08 AM



*Bhagwari*  
 3/20/20



## BUILDING LOADS

DESIGN CODE: NCBC 18

ROOF LIVE LOAD: 20.00 PSF MBMA OCC. CLASS: II

LIVE LOAD REDUCIBLE Yes

GROUND SNOW LOAD: 15.0 PSF SNOW EXP. FACTOR, Ce: 0.9000

SNOW IMPORTANCE FACTOR, Is: 1.00

WIND: 115 / 89 MPH  
 (Vult) / (Vasd)

C & C PRESSURES (PSF): 24 / -32

EXPOSURE: B

UL 90 NO

L3P Roof-Const. No.161 ; L3P Roof w/ Translucent Panel-Const. No.167  
 S3P Roof-Const. No.552 ; S3P Roof w/ Translucent Panel-Const. No.590 ;  
 Composite CFR Roof-Const. No.552A ; N/A Roof-Const. No.

SEISMIC INFORMATION Ss: 0.229 S1: 0.086

Design Sds/Sd1: 0.244 / 0.138 Site Class: D

Seismic Imp. Factor: 1.00 Seismic Design Category: C

Analysis Procedure: Equivalent Lateral Force Method

Basic SFRS: Not Detailed for Seismic

### NOTES:

1) COLLATERAL DEAD LOADS, UNLESS OTHERWISE NOTED, ARE ASSUMED TO BE UNIFORMLY DISTRIBUTED. WHEN SUSPENDED SPRINKLER SYSTEMS, LIGHTING, HVAC EQUIPMENT, CEILINGS, ETC., ARE SUSPENDED FROM ROOF MEMBERS, CONSULT THE M.B.S. IF THESE CONCENTRATED LOADS EXCEED 500 POUNDS (USING THE WEB MOUNT DETAIL) OR 200 POUNDS (USING THE FLANGE MOUNT DETAIL), OR IF INDIVIDUAL MEMBERS ARE LOADED SIGNIFICANTLY MORE THAN OTHERS.

2) THE DESIGN OF STRUCTURAL MEMBERS SUPPORTING GRAVITY LOADS IS CONTROLLED BY THE MORE CRITICAL EFFECT OF ROOF LIVE LOAD OR ROOF SNOW LOAD, AS DETERMINED BY THE APPLICABLE CODE.

3) Pm IS BASED ON THE MINIMUM ROOF SNOW LOAD CALCULATED PER BUILDING CODE OR THE CONTRACT SPECIFIED SNOW LOAD, WHICHEVER IS GREATER. THIS VALUE, Pm, IS ONLY APPLIED IN COMBINATION WITH THE DEAD AND COLLATERAL LOADS. ROOF SNOW IN OTHER LOADING CONDITIONS IS DETERMINED PER THE SPECIFIED BUILDING CODE.

BUILDING	
ROOF DEAD (PSF):	3.500
PRI. COL. (PSF):	3
SEC. COL. (PSF):	3
SNOW Ct:	1.00
SNOW Cs:	1.00
ROOF SNOW Ps (PSF):	9.45
ROOF SNOW Pm (PSF):	0.00
WIND ENCLOSURE:	Closed
Gcpi:	1/0.18
SEISMIC R:	3
SEISMIC Cs:	0.082
BASE SHEAR (KIPS):	8.25

FRAMED OPENINGS HAVE BEEN DESIGNED TO SUPPORT WIND LOAD NORMAL TO THE WALL BASED ON THE STANDARD BUILDING CODE CRITERIA. FRAMED OPENINGS HAVE NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATERINARY FORCES FROM THE DOOR. ANY CHANGE TO THE INFORMATION SHOWN HERE WILL REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

## DRAWING INDEX

COVERSHEET C-1

ANCHOR BOLT DRAWINGS AB-1 & AB-2

COLUMN BASE REACTIONS AB-3

UCTURAL/SHEETING DRAWINGS \_\_\_\_\_

DETAILS \_\_\_\_\_

DATE	PE	ENG	CHK	DRN	ISSUE
3/17/20	RHB	JRF	TR	BR	RELEASE FOR CONST. (ABP)
3/17/20	RHB	JRF	TR	BR	RELEASE FOR PERMIT

7200 N. LAKE DRIVE STE. 200  
 COLUMBUS, GA 31909  
 PHONE: (706) 562-8020  
 FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
**ANGIER, NC 27501**

CUSTOMER NAME  
**ALEXANDER DESIGN BUILD. LLC**  
**CLAYTON, NC 27520**

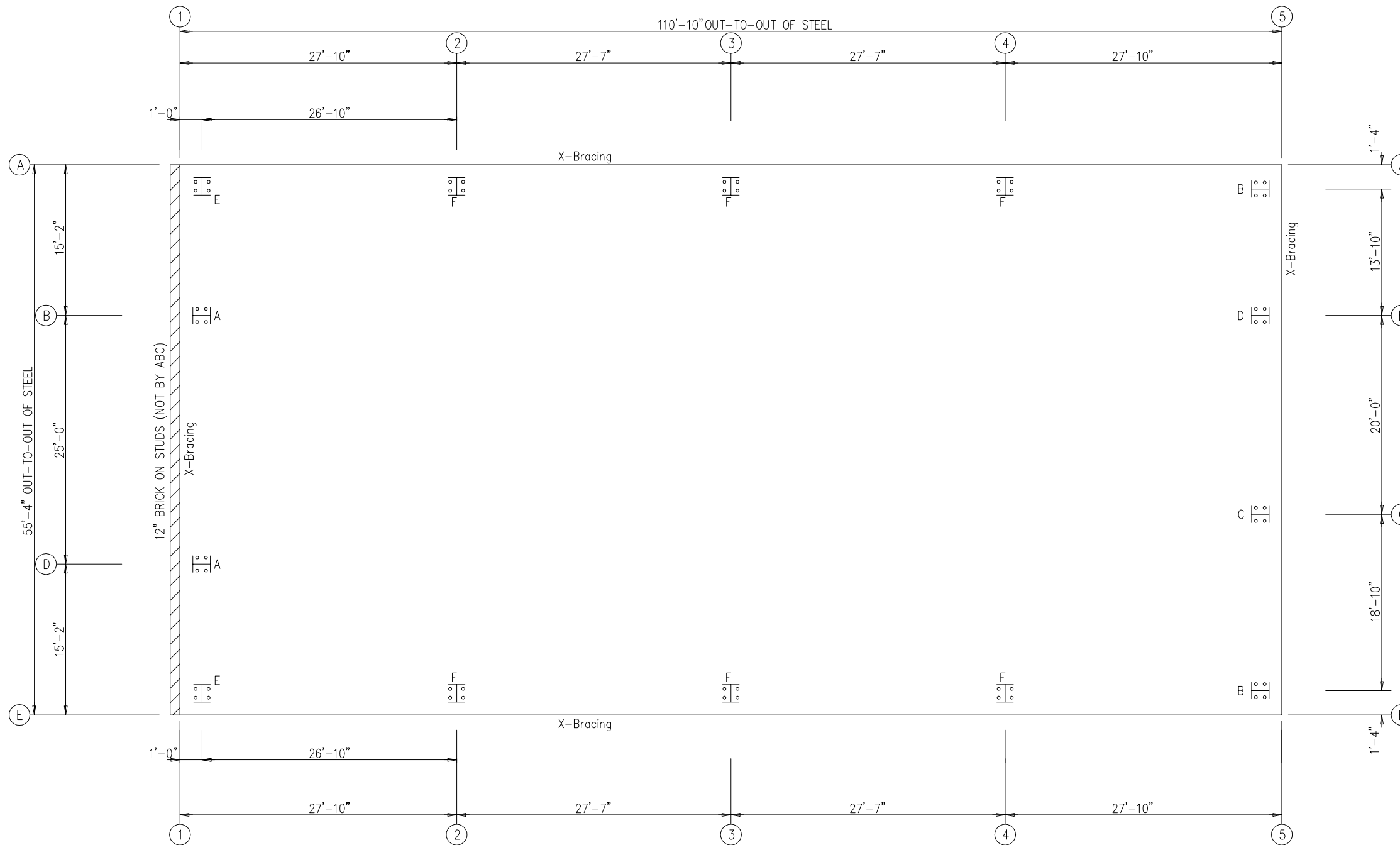
JOB NUMBER  
**A20B0267A**

SHEET TITLE  
**COVER**

This seal pertains only to the materials designed and supplied by the Metal Building Manufacturers Association and the metal building manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

SHEET  
**C-1**

ANCHOR BOLT SUMMARY			
Qty	Locate	Dia (in)	Type
32	Endwall	3/4"	F1554
24	Frame	3/4"	F1554



ANCHOR BOLT PLAN  
NOTE: All Base Plates @ 100'-0" (U.N.)

o Dia= 3/4"

### ANCHOR BOLT PLAN

#### GENERAL NOTES

1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. ANCHOR RODS ARE REQUIRED ONLY IN THE QUANTITIES SPECIFIED. BASEPLATES MAY BE FABRICATED WITH MORE HOLES THAN NEEDED FOR THIS PROJECT.
8. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER'S SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

ISSUE	DATE
RELEASE FOR CONST. (ABP)	3/17/20

AMERICAN BUILDING COMPANY  
7200 N. LAKE DRIVE STE. 200  
COLUMBUS, GA 31909  
PHONE: (706) 562-8020  
FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
ANGIER, NC 27501

CUSTOMER NAME  
**ALEXANDER DESIGN BUILD. LLC**  
CLAYTON, NC 27520

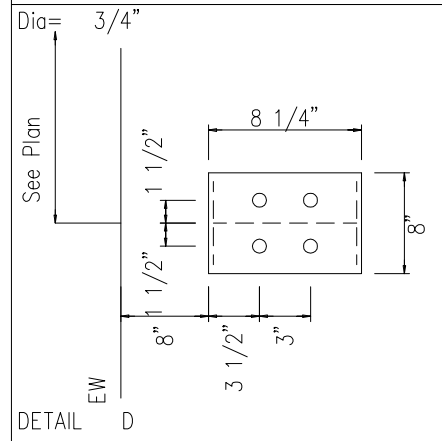
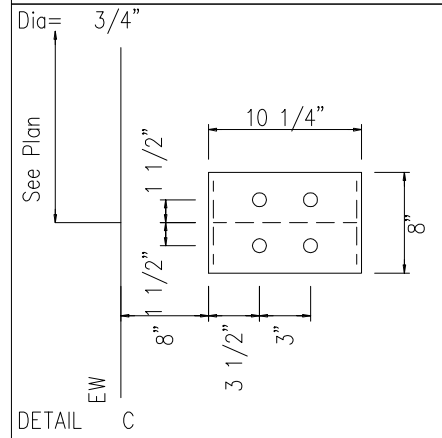
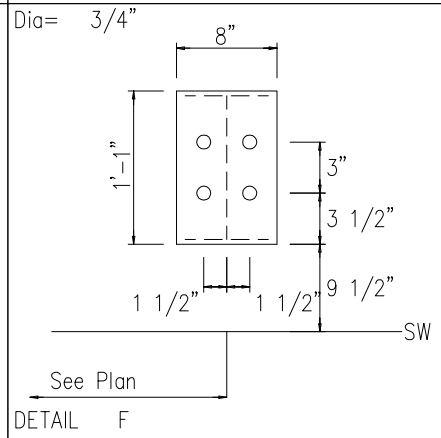
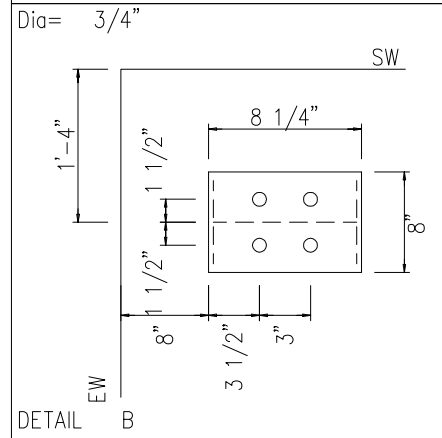
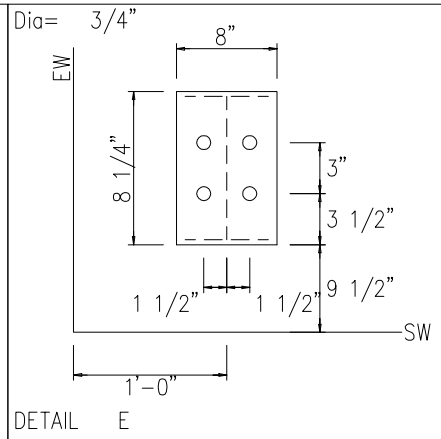
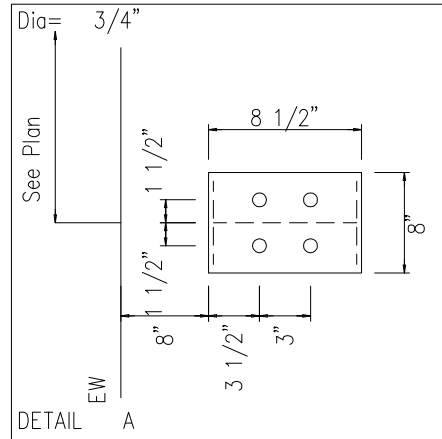
JOB NUMBER  
**A20B0267A**

SHEET TITLE  
**ANDWG-1**



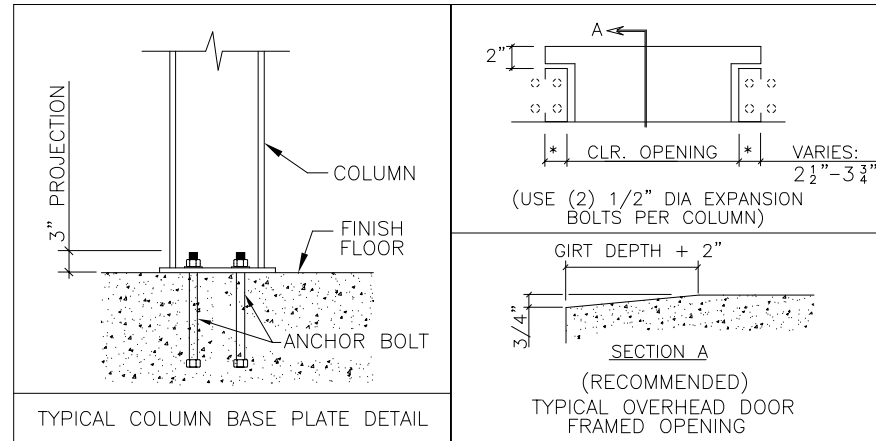
This seal pertains only to the materials designed and supplied by the Metal Building Manufacturer on these drawings and the metal building work the Metal Building Manufacturer, product of the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

SHEET  
**AB-1**



**FOUNDATION DESIGN NOTES:**

1. THE ORIENTATION OF THE ANCHOR BOLT DETAILS SHOWN ON THIS PAGE MAY NOT COINCIDE WITH THE ACTUAL COLUMN ORIENTATION SHOWN ON THE ANCHOR BOLT DRAWING. PLEASE REFERENCE THE SIDEWALL (SW) AND ENDWALL (EW) STEEL LINES SHOWN ON THE ANCHOR BOLT PLAN DURING LAYOUT OF COLUMN AND ANCHOR BOLT LOCATIONS.
2. COLUMN BASE PLATES MAY HAVE MORE HOLES THAN ARE REQUIRED DUE TO PRODUCTION LIMITATIONS. PLEASE FOLLOW ANCHOR BOLT DETAILS FOR QUANTITY OF ANCHOR BOLTS REQUIRED. EXTRA BASE PLATE HOLES DO NOT NEED INFILLED PER THE MBS DESIGN SPECIFICATIONS.



ISSUE	DATE	PREPARED BY	CHECKED BY	DATE
RELEASE FOR CONST. (ABP)	3/17/20	RHB	JRF	

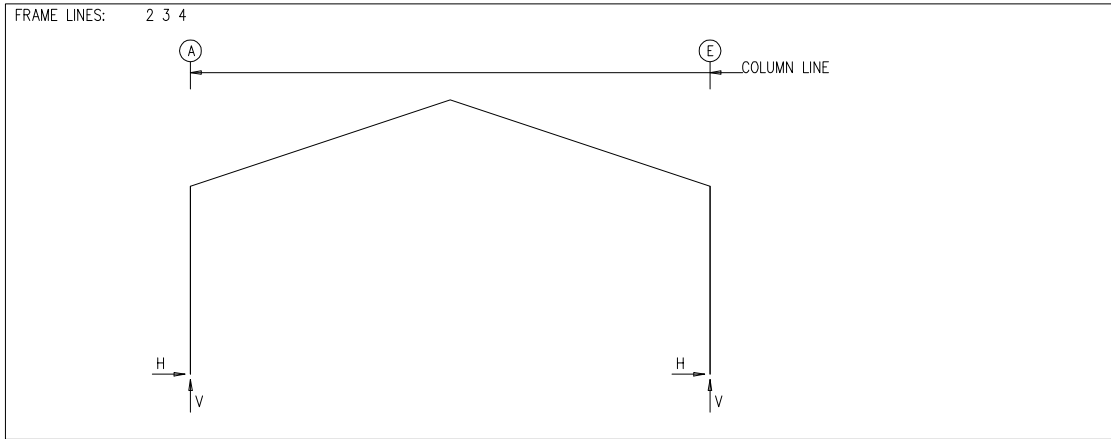
AMERICAN BUILDINGS COMPANY  
 7200 N. LAKE DRIVE STE. 200  
 COLUMBUS, GA 31909  
 PHONE: (706) 562-8020  
 FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
 ANGIER, NC 27501  
 CUSTOMER NAME  
**ALEXANDER DESIGN BUILD, LLC**  
 CLAYTON, NC 27520  
 JOB NUMBER  
**A20B0267A**  
 SHEET TITLE

This seal pertains only to the materials designed and supplied by the Metal Building Manufacturers Association and the metal building work is the product of the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

SEAL  
 24064  
 RAJESH H. BHATTACHARYA  
 ENGINEER  
 3/20/20

AB-2  
 SHEET



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in)		Thick	Grout (in)
				Width	Length		
2*	A	4	0.750	8.000	13.00	0.375	0.0
2*	E	4	0.750	8.000	13.00	0.375	0.0

2\* Frame lines: 2 3 4

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in)		Thick	Grout (in)
				Width	Length		
1	A	4	0.750	8.000	8.250	0.375	0.0
1	B	4	0.750	8.000	8.500	0.375	0.0
1	D	4	0.750	8.000	8.500	0.375	0.0
1	E	4	0.750	8.000	8.250	0.375	0.0
5	E	4	0.750	8.000	8.250	0.375	0.0
5	C	4	0.750	8.000	10.25	0.375	0.0
5	B	4	0.750	8.000	8.250	0.375	0.0
5	A	4	0.750	8.000	8.250	0.375	0.0

GENERAL NOTES

- ALL LOADING CONDITIONS ARE EXAMINED. THE MAXIMUM AND MINIMUM HORIZONTAL (H) AND VERTICAL (V) REACTIONS AND THE CORRESPONDING VERTICAL (V) OR HORIZONTAL (H) REACTIONS ARE REPORTED.
- REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AID THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATION TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE STRENGTH DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
- FOR ASCE7-10 AND LATER BASED BUILDING CODES THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE GENERATED USING ULTIMATE DESIGN WIND SPEEDS (Vult).
- POSITIVE (+) REACTIONS ARE AS SHOWN ABOVE. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
- BRACING REACTIONS ARE IN THE PLANE OF THE BRACE WITH THE HORIZONTAL REACTION (H) ACTING AWAY FROM THE BRACED BAY AND THE VERTICAL REACTION (V) ACTING DOWNWARD.

\*\*\*\*\* RIGID FRAME LOAD CASE ABBREVIATIONS: \*\*\*\*\*

Wind\_L1/Wind\_R1: LATERAL WIND FROM THE LEFT/RIGHT, CASE 1  
 Wind\_L2/Wind\_R2: LATERAL WIND FROM THE LEFT/RIGHT, CASE 2  
 Wind\_Ln1/Wind\_Ln2: LONGITUDINAL WIND, CASE 1/2  
 Seismic\_L/Seismic\_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT  
 LWIND#\_L#E/LWIND#\_R#E: LONGITUDINAL WIND EDGE ZONES  
 F#UNB\_SL\_L/F#UNB\_SL\_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT  
 F#PAT\_LL #/F#PAT\_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

\*\*\*\*\* ENDWALL COLUMN LOAD CASE ABBREVIATIONS: \*\*\*\*\*

Collat: COLLATERAL LOAD  
 Rafter Wind\_L/Rafter Wind\_R: LATERAL WIND FROM THE LEFT/RIGHT  
 Brace Wind\_L/Brace Wind\_R: LATERAL WIND FROM THE LEFT/RIGHT  
 Wind\_P/Wind\_S: LONGITUDINAL WIND PRESSURE/SUCTION ON COLUMNS  
 Wind\_Ln: LONGITUDINAL WIND SUCTION ON ROOF  
 Seis\_L/Seis\_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT  
 E#UNB\_SL\_L/E#UNB\_SL\_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT  
 E#PAT\_LL #/E#PAT\_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Snow Horiz	Snow Vert	Wind_Left1 Horiz	Wind_Left1 Vert	Wind_Right1 Horiz	Wind_Right1 Vert
2*	A	1.4	3.9	1.0	2.5	3.8	9.7	3.0	7.6	-9.2	-15.0	2.3	-9.4
2*	E	-1.4	3.9	-1.0	2.5	-3.8	9.7	-3.0	7.6	-2.3	-9.4	9.2	-15.0

Frame Line	Column Line	Wind_Left2 Horiz	Wind_Left2 Vert	Wind_Right2 Horiz	Wind_Right2 Vert	Wind_Long1 Horiz	Wind_Long1 Vert	Wind_Long2 Horiz	Wind_Long2 Vert	Seismic_Left Horiz	Seismic_Left Vert	Seismic_Right Horiz	Seismic_Right Vert
2*	A	-9.9	-9.2	1.6	-3.6	0.9	-12.1	-0.9	-11.0	-0.7	-0.5	0.7	0.5
2*	E	-1.6	-3.6	9.9	-9.2	0.9	-11.0	-0.9	-12.1	-0.7	0.5	0.7	-0.5

Frame Line	Column Line	F1UNB_SL_L Horiz	F1UNB_SL_L Vert	F1UNB_SL_R Horiz	F1UNB_SL_R Vert
2*	A	2.7	7.6	2.7	4.6
2*	E	-2.7	4.6	-2.7	7.6

2\* Frame lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Vert	Wind_Right1 Vert	Wind_Left2 Vert	Wind_Right2 Vert	Wind_Press Horiz	Wind_Suct Horiz	Wind_Long1 Vert	Wind_Long2 Vert
1	A	0.5	0.2	1.4	0.7	-1.3	-2.1	-0.1	-0.9	-1.5	1.8	-2.0	-1.1
1	B	2.1	1.1	6.9	3.3	-7.7	-4.6	-5.9	-2.8	-4.6	5.1	-7.0	-4.8
1	D	2.1	1.1	6.9	3.3	-4.6	-7.7	-2.8	-5.9	-4.6	5.1	-4.8	-7.0
1	E	0.5	0.2	1.4	0.7	-2.1	-1.3	-0.9	-0.1	-1.5	1.8	-1.1	-2.0

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	E1UNB_SL_L Horiz	E1UNB_SL_L Vert	E1UNB_SL_R Horiz	E1UNB_SL_R Vert	E1PAT_LL_1 Horiz	E1PAT_LL_1 Vert	E1PAT_LL_2 Horiz	E1PAT_LL_2 Vert	E1PAT_LL_3 Horiz	E1PAT_LL_3 Vert
1	A	0.3	0.1	0.0	0.5	0.0	0.0	0.0	2.2	0.0	-0.8	0.0	1.3
1	B	-0.5	0.0	0.0	4.0	0.0	1.9	0.0	2.4	0.0	4.6	0.0	7.2
1	D	0.0	-0.5	0.0	1.9	0.0	4.0	0.0	2.4	0.0	4.6	0.0	4.3
1	E	0.1	0.3	0.0	0.0	0.0	0.5	0.0	2.2	0.0	-0.8	0.0	-0.7

Frm Line	Col Line	E1PAT_LL_4 Horiz	E1PAT_LL_4 Vert
1	A	0.0	-0.7
1	B	0.0	4.3
1	D	0.0	7.2
1	E	0.0	1.3

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Vert	Wind_Right1 Vert	Wind_Left2 Vert	Wind_Right2 Vert	Wind_Press Horiz	Wind_Suct Horiz	Wind_Long1 Vert	Wind_Long2 Vert
5	E	0.8	0.4	2.2	1.1	-2.5	-3.2	-1.0	-1.6	-2.0	2.3	-3.2	-1.8
5	C	2.0	1.1	6.7	3.2	-7.3	-3.9	-5.7	-2.3	-5.0	5.5	-6.4	-4.6
5	B	1.5	0.9	5.5	2.6	-4.3	-6.5	-2.8	-5.0	-4.1	4.5	-3.4	-6.3
5	A	0.6	0.3	1.7	0.8	-1.3	-1.8	0.0	-0.6	-1.5	1.8	-1.5	-1.8

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	E2UNB_SL_L Horiz	E2UNB_SL_L Vert	E2UNB_SL_R Horiz	E2UNB_SL_R Vert	E2PAT_LL_1 Horiz	E2PAT_LL_1 Vert	E2PAT_LL_2 Horiz	E2PAT_LL_2 Vert	E2PAT_LL_3 Horiz	E2PAT_LL_3 Vert
5	E	0.1	-0.1	0.0	1.1	0.0	0.2	0.0	2.7	0.0	-0.3	0.0	2.3
5	C	-0.1	0.1	0.0	3.9	0.0	1.9	0.0	3.3	0.0	3.2	0.0	6.9
5	B	-0.2	-0.1	0.0	1.1	0.0	3.4	0.0	2.0	0.0	3.5	0.0	2.8
5	A	0.3	0.0	0.0	0.2	0.0	0.7	0.0	2.2	0.0	-0.5	0.0	-0.3

Frm Line	Col Line	E2PAT_LL_4 Horiz	E2PAT_LL_4 Vert
5	E	0.0	-0.3
5	C	0.0	2.9
5	B	0.0	6.1
5	A	0.0	1.5

BUILDING BRACING REACTIONS

Wall Loc	Col Line	Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Panel_Shear (lb/ft)
L_EW	1	B,D	3.6	3.4	3.9	3.6
F_SW	E	2,3	5.4	3.5	4.3	2.8
R_EW	5	B,A	3.5	5.7	0.9	1.5
B_SW	A	3,2	5.4	3.5	4.3	2.8

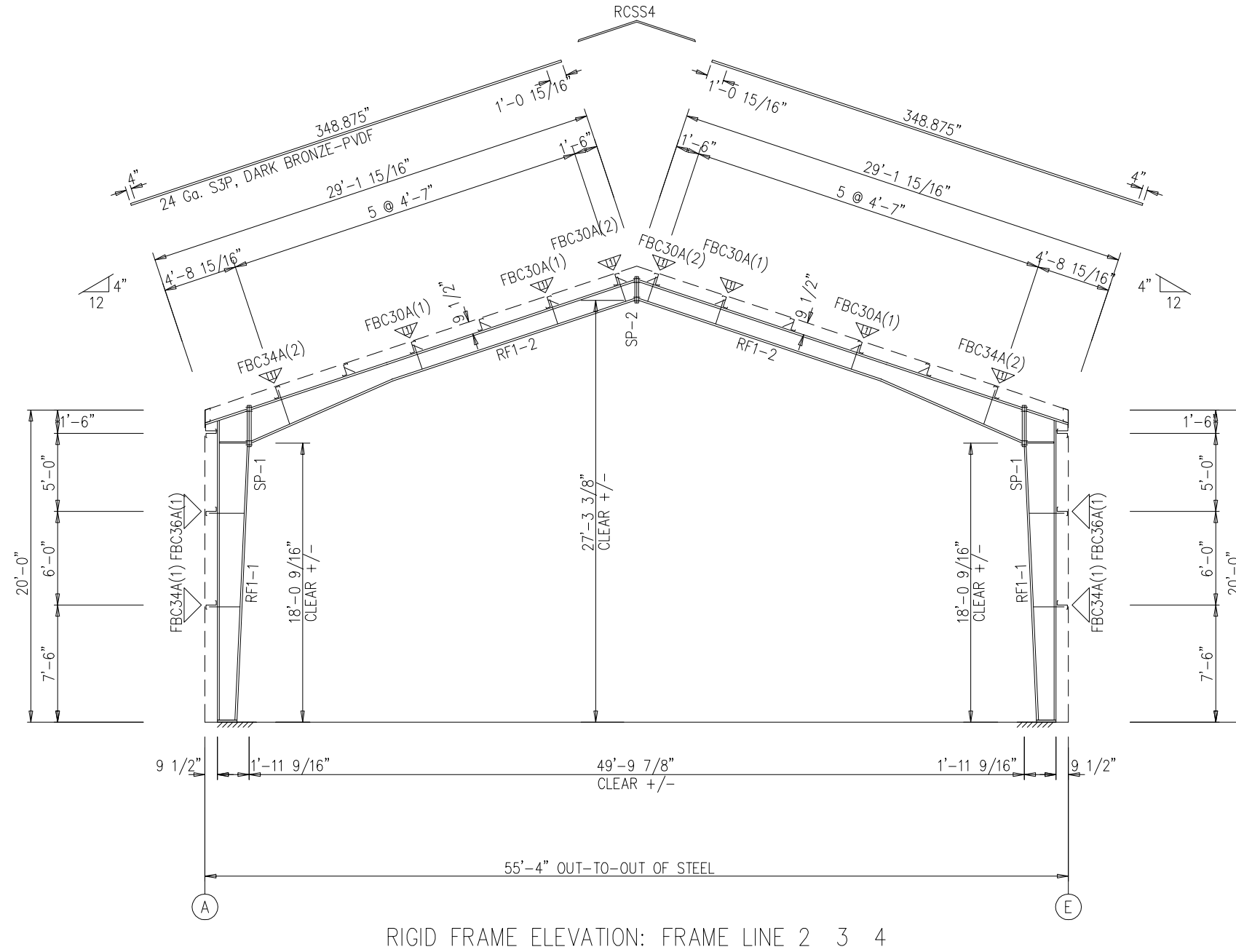


<p>PROJECT NAME <b>NIELL'S CREEK CHURCH GYM</b> ANGIER, NC 27501</p> <p>CUSTOMER NAME <b>ALEXANDER DESIGN BUILD, LLC</b> CLAYTON, NC 27520</p> <p>JOB NUMBER <b>A20B0267A</b></p> <p>SHEET TITLE <b>ANDWG-3</b></p>	<p>7200 N. LAKE DRIVE STE. 200 COLUMBUS, GA 31909 PHONE: (706) 562-8020 FAX: (706) 562-8017</p>	<p>RELEASE FOR CONST. (ABP)</p>	<p>ISSUE</p>	<p>DRWN</p>	<p>CHK</p>	<p>ENG</p>	<p>PRE</p>	<p>DATE</p>
<p>This seal pertains only to the materials designed and supplied by the Metal Building Manufacturers on the drawings and the metal building work the Metal Building Manufacturer, The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.</p>								
<p>AB-3</p>								

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	0.625	2.25	6"	5/8"	2'-6 7/8"
SP-2	4	4	0	A325	0.625	2.25	6"	3/8"	1'-7 1/4"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides  
A - L2525105

CONNECTION PLATES		
ID	Qty	Mark/Part
1	8	FBL&N01



RIGID FRAME ELEVATION: FRAME LINE 2 3 4



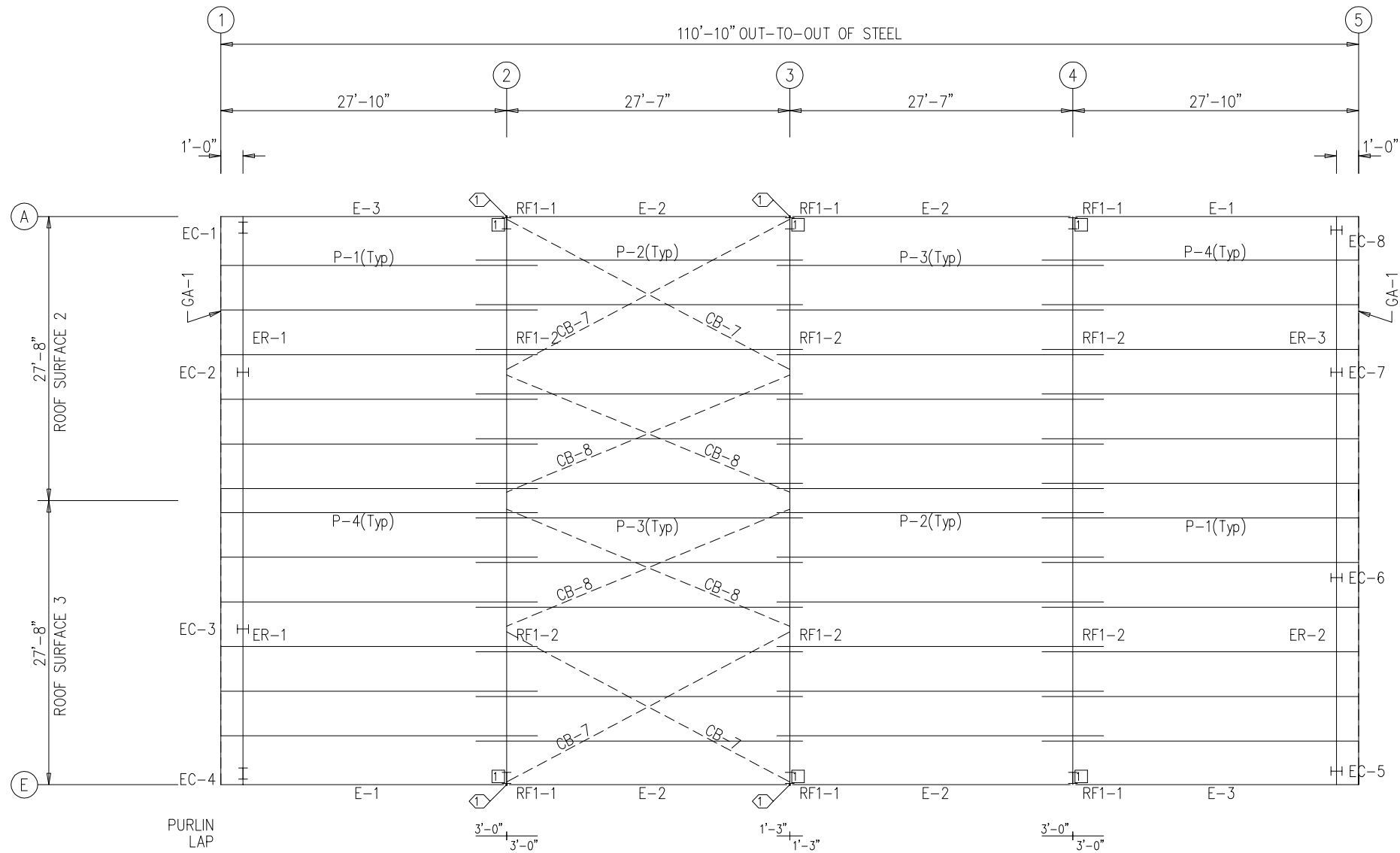
PROJECT NAME	NIELL'S CREEK CHURCH GYM	ANGIER, NC 27501
CUSTOMER NAME	ALEXANDER DESIGN BUILD, LLC	CLAYTON, NC 27520
JOB NUMBER	A20B0267A	SHEET TITLE
		RFDWG-1
ISSUE	RELEASE FOR PERMIT	
DRN	BR	
CHK	TR	
ENG	JRF	
PRE	RHB	
DATE		3/17/20

7200 N. LAKE DRIVE STE. 200  
COLUMBUS, GA 31909  
PHONE: (706) 562-8020  
FAX: (706) 562-8017

AMERICAN BUILDING COMPANY

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SHEET E-01



ROOF FRAMING PLAN

TRIM TABLE ROOF PLAN			
ID	QUAN	PART	LENGTH
1	8	RCSS4	182.000

SPECIAL BOLTS ROOF PLAN					
ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A325	1/2"	2"	1

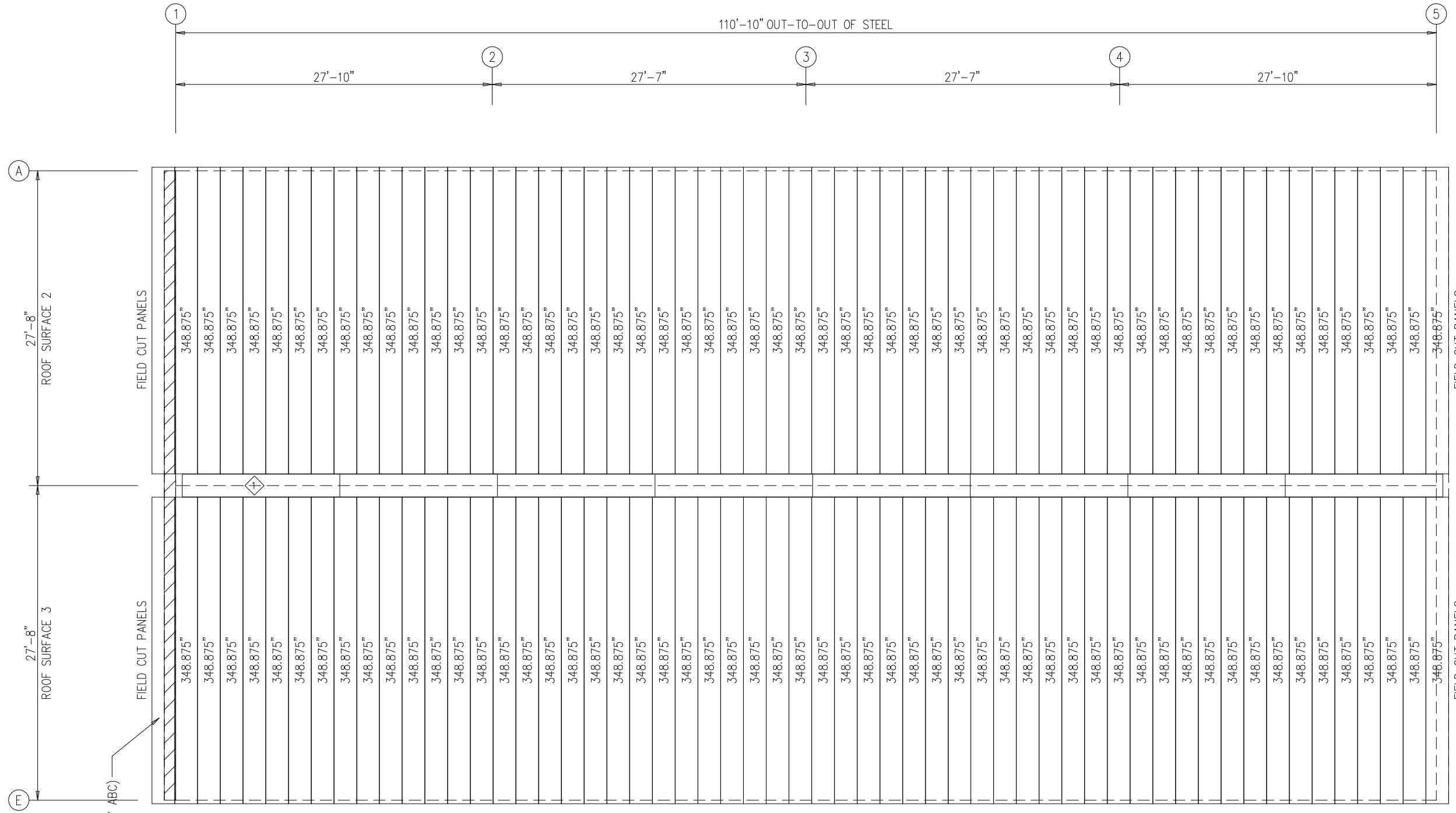
MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	95Z075	369.750
P-2	95Z067	382.000
P-3	95Z067	382.000
P-4	95Z075	369.750
E-1	95E3060	333.625
E-2	95E3060	330.750
E-3	95E3060	333.625
CB-7	RD05-	378.000
CB-8	RD05-	369.000

CONNECTION PLATES ROOF PLAN		
ID	QUAN	MARK/PART
1	6	ESCO2



<p>PROJECT NAME <b>NIELL'S CREEK CHURCH GYM</b> ANGIER, NC 27501</p> <p>CUSTOMER NAME <b>ALEXANDER DESIGN BUILD, LLC</b> CLAYTON, NC 27520</p> <p>JOB NUMBER A20B0267A</p>	<p>ISSUE RELEASE FOR PERMIT</p>	<p>7200 N. LAKE DRIVE STE. 200 COLUMBUS, GA 31909 PHONE: (706) 562-8020 FAX: (706) 562-8017</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>ENG</td><td>PRE</td><td>DATE</td></tr> <tr><td>JRF</td><td>RHB</td><td>3/17/20</td></tr> <tr><td>CHK</td><td>TR</td><td></td></tr> <tr><td>DRN</td><td>BR</td><td></td></tr> </table>	ENG	PRE	DATE	JRF	RHB	3/17/20	CHK	TR		DRN	BR		<p>SHEET TITLE <b>ROOFDWG</b></p>	<p>SHEET <b>E-02</b></p>
ENG	PRE	DATE															
JRF	RHB	3/17/20															
CHK	TR																
DRN	BR																

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TRIM TABLE			
ROOF PLAN			
◊ID	QUAN	PART	LENGTH
1	8	RCSS4	182.000

ROOF SHEETING PLAN  
 PANELS: 24 Ga. S3P - DARK BRONZE-PVDF



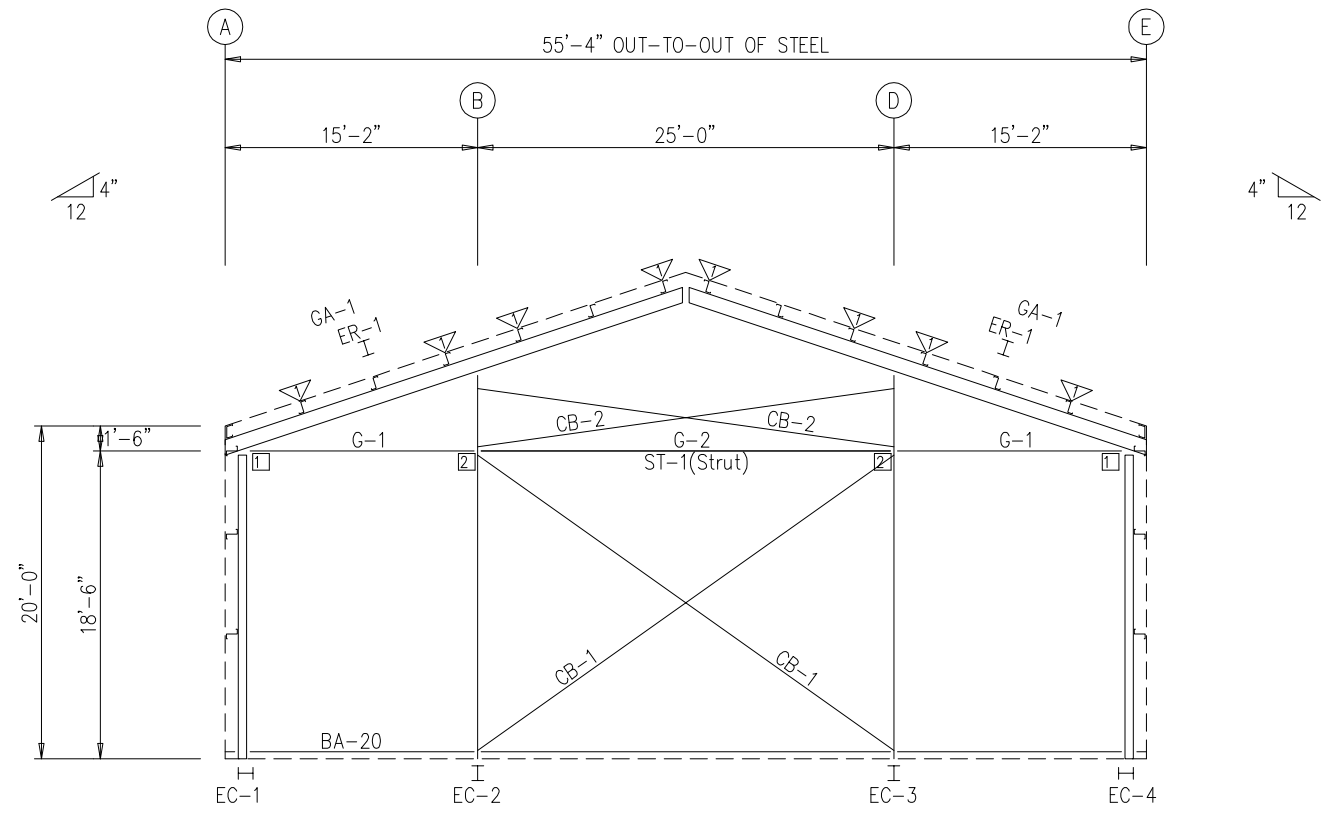
This seal pertains only to the materials designed and supplied by the Metal Building Manufacturers Association and the metal building works the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

PROJECT NAME	NIELL'S CREEK CHURCH GYM ANGIER, NC 27501
CUSTOMER NAME	ALEXANDER DESIGN BUILD. LLC CLAYTON, NC 27520
JOB NUMBER	A20B0267A
SHEET TITLE	ROOFDWG2
ISSUE	RELEASE FOR PERMIT
DRWN	BR
CHK	TR
ENG - PRE	RHB
DATE	3/17/20

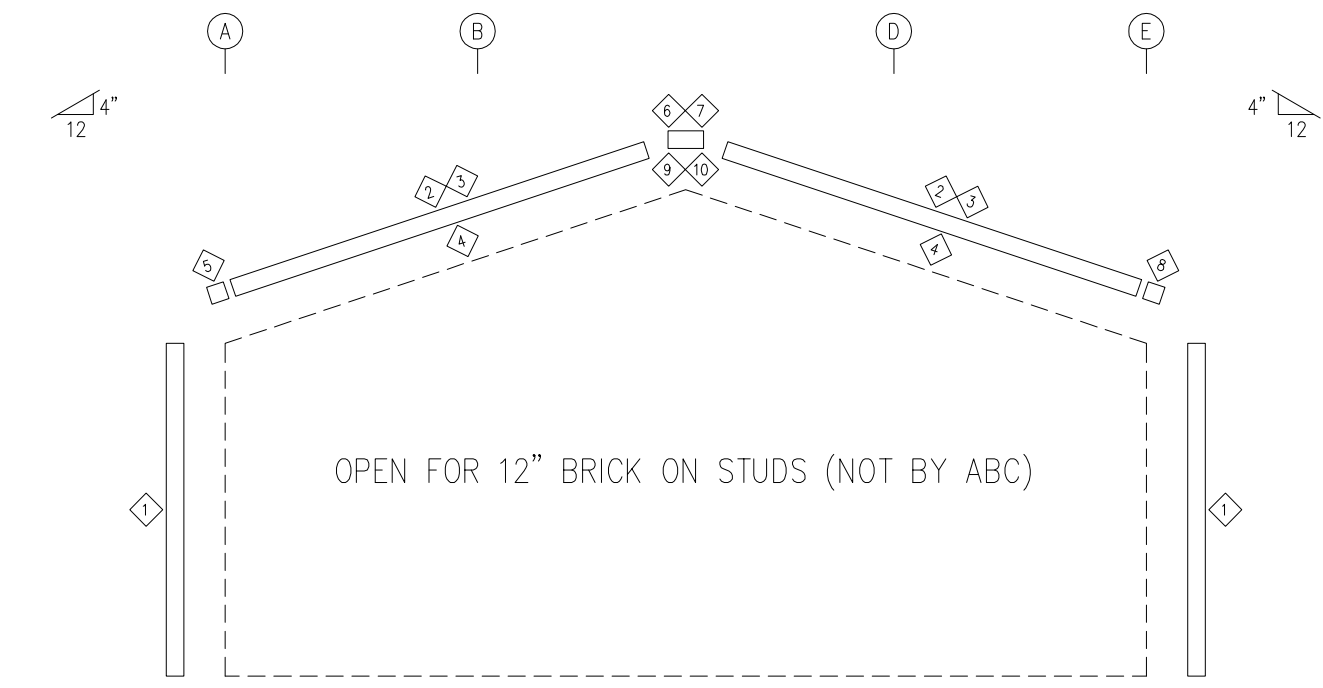
AMERICAN BUILDINGS COMPANY  
 7200 N. LAKE DRIVE STE. 200  
 COLUMBUS, GA 31909  
 PHONE: (706) 562-8020  
 FAX: (706) 562-8017

E-03





ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	1/2"	2"
Columns/Raf	4	A325	1/2"	2"
Strut	2	A325	1"	3 1/4"

TRIM TABLE		
FRAME LINE 1		
ID	PART	LENGTH
1	FCRA2	182.000
2	RSF1	182.000
3	TRU1	182.000
4	MEC3	182.000
5	TRUECL	8.130
6	TRCU4	27.250
7	TRPBB4	7.500
8	TRUECR	8.130
9	ERECSSR	13.125
10	ERECSSL	13.125

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W8x10	226.313
EC-2	W8x18	282.063
EC-3	W8x18	282.063
EC-4	W8x10	226.313
ER-1	W0915525	349.688
G-1	SW12x26	157.625
G-2	SW12x26	287.000
ST-1	W08SB075	294.750
CB-1	RD06-	374.000
CB-2	RD05-	313.000

FLANGE BRACE TABLE			
FRAME LINE 1			
ID	#	MARK	CLIP
1	1	FBC30	FBL&N01

CONNECTION PLATES	
FRAME LINE 1	
ID	MARK/PART
1	t1
2	t2



DATE	PREPARED BY	ENGINEER	CHECKED BY	DATE
3/17/20	RHB	JRF	TR	

7200 N. LAKE DRIVE STE. 200  
 COLUMBUS, GA 31909  
 PHONE: (706) 562-8020  
 FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
 ANGIER, NC 27501

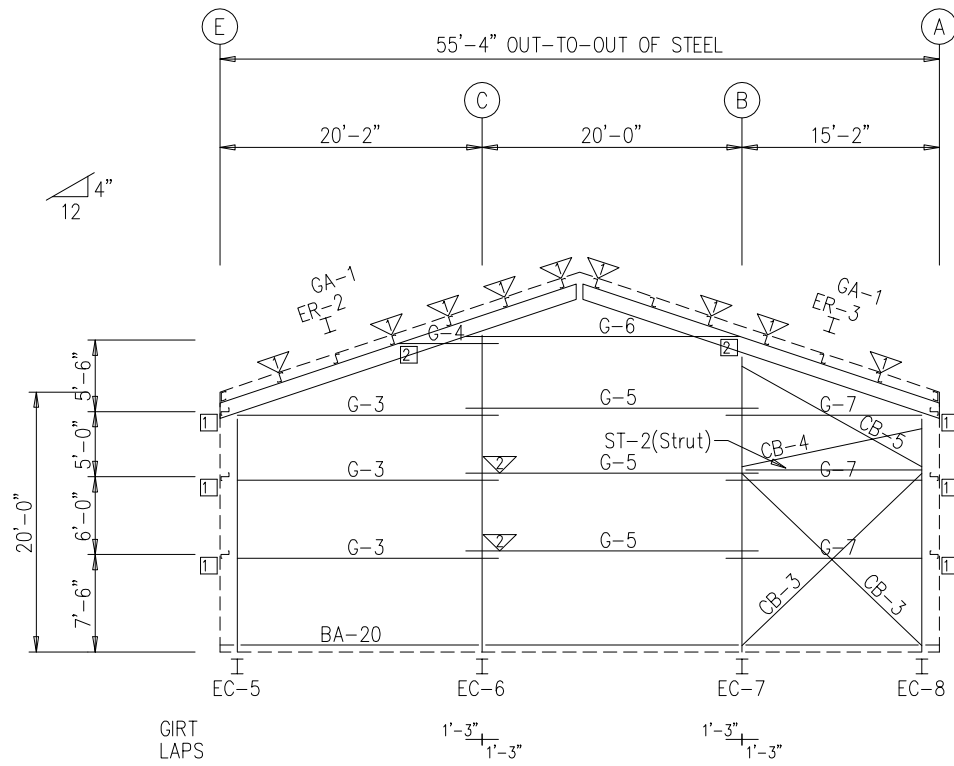
CUSTOMER NAME  
**ALEXANDER DESIGN BUILD. LLC**  
 CLAYTON, NC 27520

JOB NUMBER  
**A20B0267A**

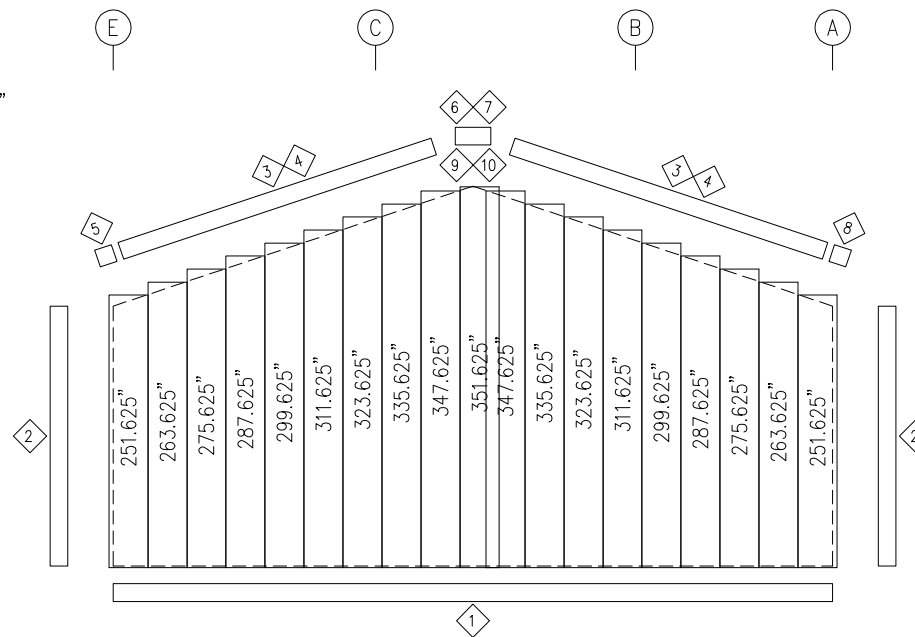
SHEET TITLE  
**EWDWG-L**

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SHEET  
**E-04**



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. A3P - GALVALUME PLUS

BOLT TABLE FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-2/ER-3	8	A325	1/2"	2"
Columns/Raf	4	A325	1/2"	2"
Strut	2	A325	1"	3 1/4"

TRIM TABLE FRAME LINE 5		
ID	PART	LENGTH
1	BA-20	240.000
2	FCRA2	182.000
3	TRU1	182.000
4	RSF1	182.000
5	TRUECL	8.130
6	TRCU4	27.250
7	TRPBB4	7.500
8	TRUECR	8.130
9	ERECSSR	13.125
10	ERECSSL	13.125

MEMBER TABLE FRAME LINE 5		
MARK	PART	LENGTH
EC-5	W8x10	226.500
EC-6	W10x15	301.813
EC-7	W8x10	281.813
EC-8	W8x10	226.500
ER-2	W0915525	349.688
ER-3	W0915525	349.688
G-3	08Z054	247.000
G-4	08Z054	82.938
G-5	08Z054	270.000
G-6	08Z054	262.938
G-7	08Z054	187.000
ST-2	W08SB075	160.750
CB-3	RD05-	235.000
CB-4	RD05-	180.000
CB-5	RD05-	201.000

FLANGE BRACE TABLE FRAME LINE 5			
ID	# SIDES	MARK	CLIP
1	1	FBC30	FBL&N01
2	1	FBC30	

CONNECTION PLATES FRAME LINE 5	
ID	MARK/PART
1	GCC03
2	GCC12

ISSUE	DATE
RELEASE FOR PERMIT	3/17/20

7200 N. LAKE DRIVE STE. 200  
COLUMBUS, GA 31909  
PHONE: (706) 562-8020  
FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
ANGIER, NC 27501

CUSTOMER NAME  
**ALEXANDER DESIGN BUILD, LLC**  
CLAYTON, NC 27520

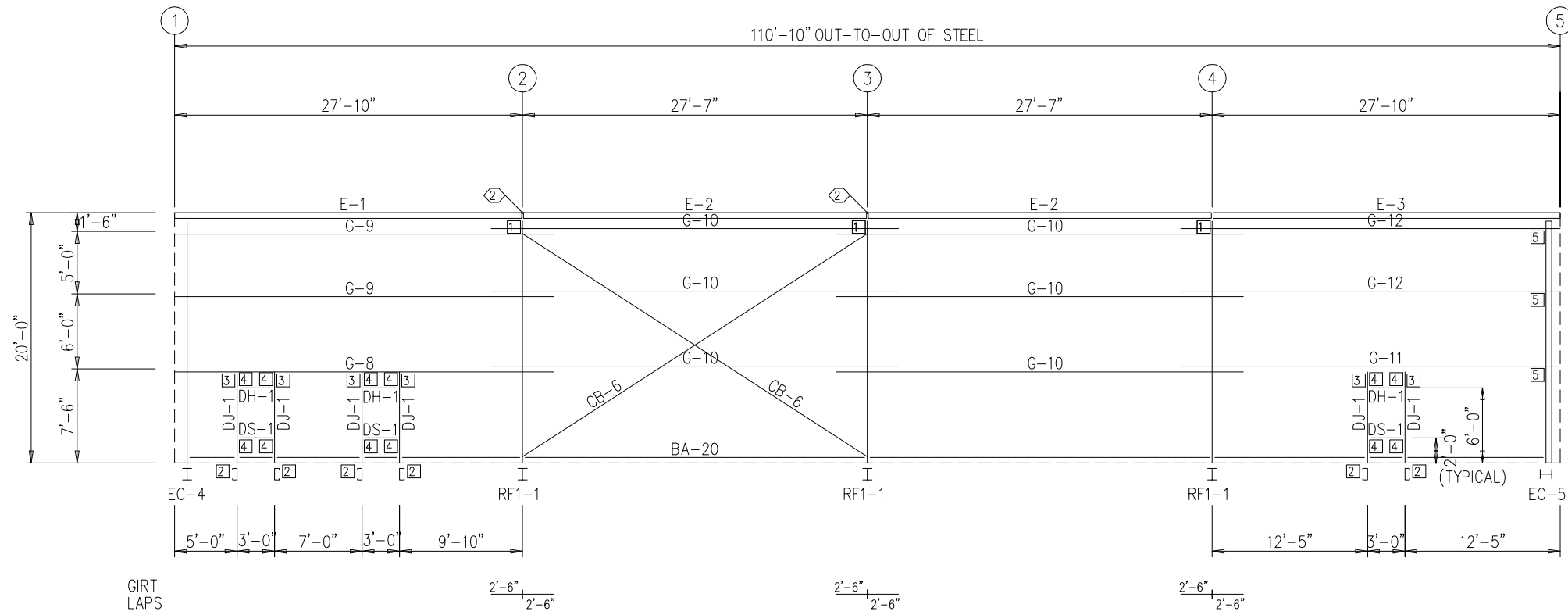
JOB NUMBER  
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SHEET TITLE  
**EWDWG-R**

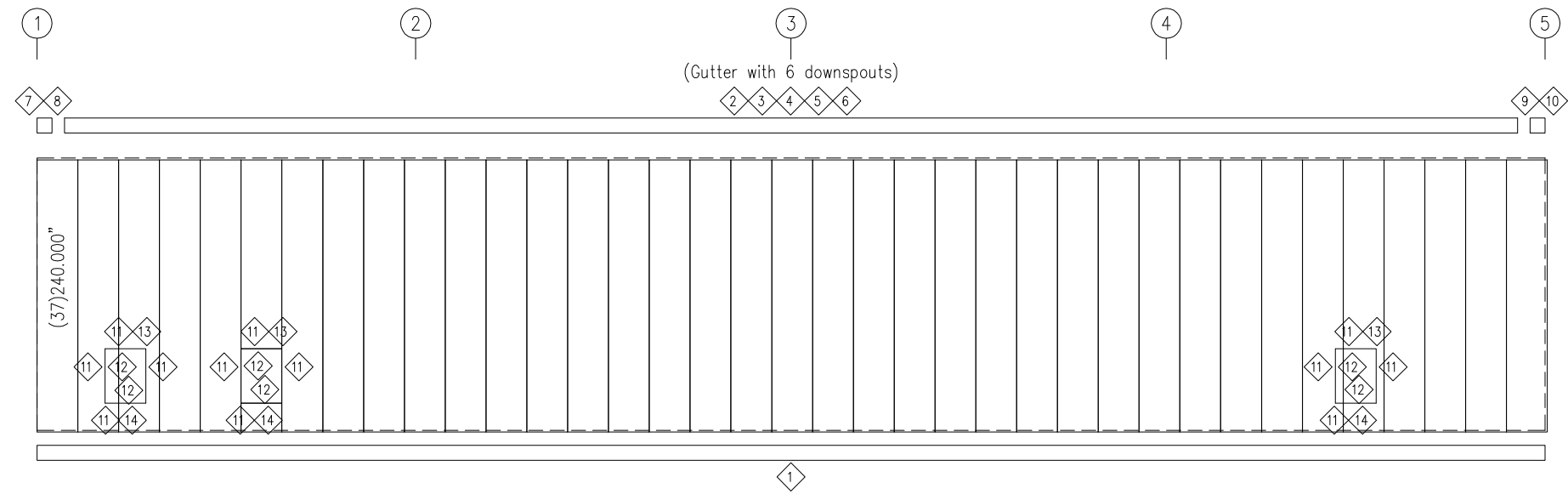


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SHEET  
**E-05**



SIDEWALL FRAMING: FRAME LINE E



SIDEWALL SHEETING & TRIM: FRAME LINE E  
PANELS: 26 Ga. A3P - GALVALUME PLUS

TRIM TABLE		
FRAME LINE E		
ID	PART	LENGTH
1	BA-20	240.000
2	TGT1	182.000
3	TFEC4	182.000
4	CGB4	7.310
5	GC-A	9.940
6	TFSET	122.000
7	GE1R	9.250
8	TCB4R	15.940
9	GE1L	9.250
10	TCB4L	15.940
11	FOCF95	182.000
12	JTD087	87.000
13	HTA044	44.000
14	FJSJ1	182.000

SPECIAL BOLTS					
ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	2"	1

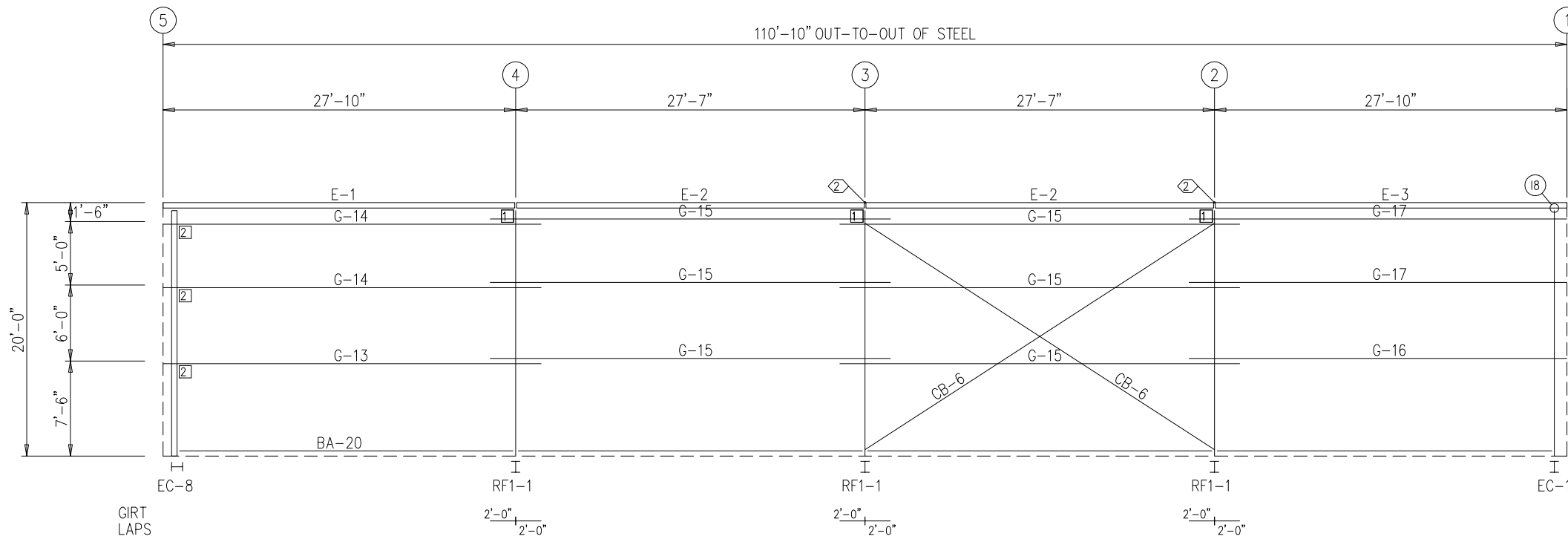
MEMBER TABLE		
FRAME LINE E		
MARK	PART	LENGTH
DJ-1	F95C060	85.750
DH-1	F95C060	36.000
DS-1	F95C060	36.000
E-1	95E3060	333.625
E-2	95E3060	330.750
E-3	95E3060	333.625
G-8	95Z067	363.750
G-9	95Z060	363.750
G-10	95Z060	391.000
G-11	95Z067	363.750
G-12	95Z060	363.750
CB-6	RD05-	408.000

CONNECTION PLATES	
FRAME LINE E	
ID	MARK/PART
1	ESCO2
2	HCJ01&bh
3	JCT01
4	HCJ01
5	GCC03

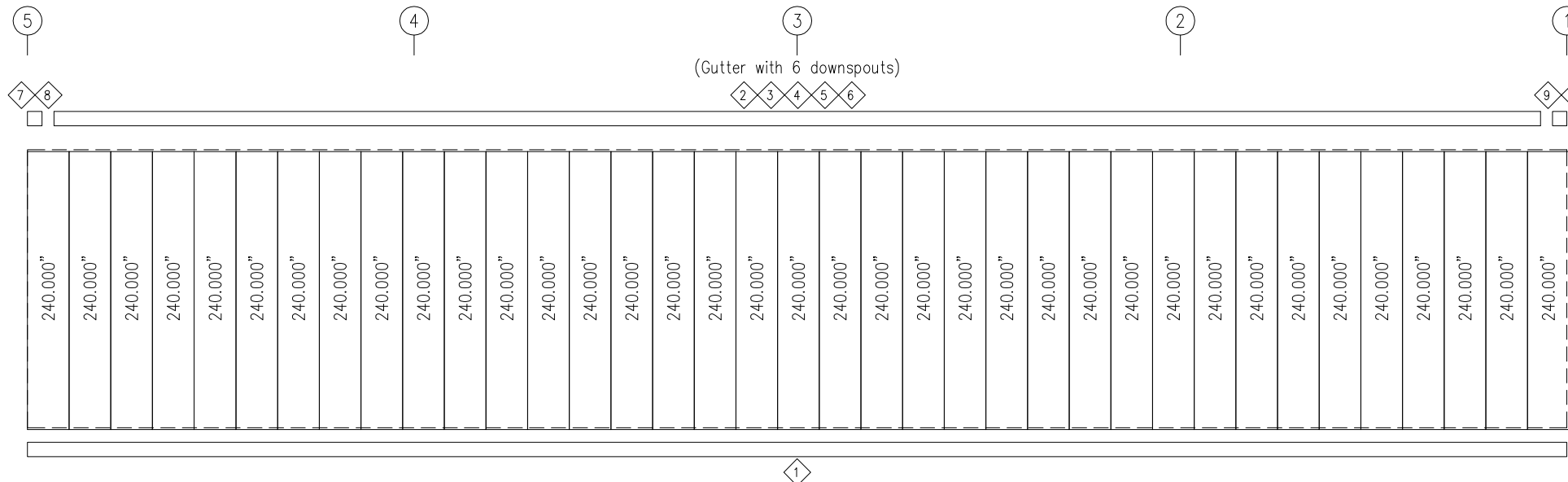


<p>PROJECT NAME <b>NIELL'S CREEK CHURCH GYM</b> ANGIER, NC 27501</p> <p>CUSTOMER NAME <b>ALEXANDER DESIGN BUILD, LLC</b> CLAYTON, NC 27520</p> <p>JOB NUMBER <b>A20B0267A</b></p>	<p>ISSUE RELEASE FOR PERMIT</p>	<p>DATE 3/17/20</p>	<p>7200 N. LAKE DRIVE STE. 200 COLUMBUS, GA 31909 PHONE: (706) 562-8020 FAX: (706) 562-8017</p>	<p>SHEET TITLE <b>SWDWG-F</b></p>	<p>SHEET <b>E-06</b></p>
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SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A  
PANELS: 26 Ga. A3P - GALVALUME PLUS

TRIM TABLE		
FRAME LINE A		
◇ ID	PART	LENGTH
1	BA-20	240.000
2	TGT1	182.000
3	TFEC4	182.000
4	CGB4	7.310
5	GC-A	9.940
6	TFSET	122.000
7	GE1R	9.250
8	TCB4R	15.940
9	GE1L	9.250
10	TCB4L	15.940

SPECIAL BOLTS					
○ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	2"	1

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
E-1	95E3060	333.625
E-2	95E3060	330.750
E-3	95E3060	333.625
G-13	95Z067	357.750
G-14	95Z060	357.750
G-15	95Z060	379.000
G-16	95Z067	357.750
G-17	95Z060	357.750
CB-6	RD05-	408.000

CONNECTION PLATES	
FRAME LINE A	
□ ID	MARK/PART
1	ESCO2
2	GCC03

ISSUE	RELEASE FOR PERMIT	DRWN	CHK	ENG	PRE	DATE
		BR	TR	JRF	RHB	3/17/20

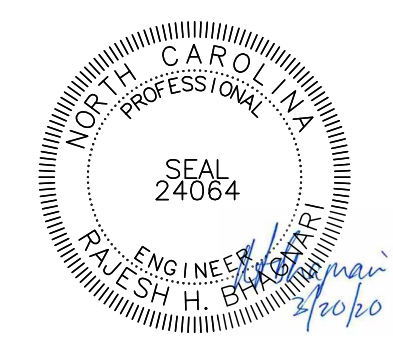
7200 N. LAKE DRIVE STE. 200  
COLUMBUS, GA 31909  
PHONE: (706) 562-8020  
FAX: (706) 562-8017

PROJECT NAME  
**NIELL'S CREEK CHURCH GYM**  
ANGIER, NC 27501

CUSTOMER NAME  
**ALEXANDER DESIGN BUILD. LLC**  
CLAYTON, NC 27520

JOB NUMBER  
**A20B0267A**

SHEET TITLE  
**SWDWG-B**



This seal pertains only to the materials designed and supplied by the Metal Building Manufacturers Association and the metal building products manufactured by the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

SHEET  
**E-07**