


DRAWING STATUS		REVISIONS						INLAND BUILDINGS							
<div><input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.</div> <div><input type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PRICE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.</div> <div><input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.</div>		NO.	DATE	DESCRIPTION	BY	CK'D		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com							
		0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG		DESCRIPTION COVER PAGE							
								SIZE REFER TO C1							
							OWNER OR PROJECT	Paul D. Williams Hauling			CUSTOMER	STEELCRAFT CONSTRUCTION			
							JOB SITE LOCATION	2981 BUD HAWKINS ROAD DUNN, NC 28334-5991			ADDRESS	6746 OLD BEULAH ROAD KENLY, NC 27542			
							CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.	ISSUE
							207483	FR	6/16/25	N.T.S.	207483		0	C1 of 2	0

GENERAL NOTES

1. The seal that appears on these drawings is the seal of the engineer for this building manufacturer who is NOT the engineer of record.
2. This building manufacturer is not responsible for errors, omissions or damages incurred in the erection of building components, nor for the inspection of erected components to ascertain same.
3. Temporary bracing must be installed by erector to provide adequate stability during erection. Bracing indicated on the erection drawings is critical to the stability of the completed structure and shall not be removed.
4. Wall and liner panels are an integral part of the structural system. Unauthorized removal of panels is prohibited.
5. "Oil-canning", a perceived waviness inherent to light gauge metal, may exist. This condition does not affect the finish or structural integrity of the panel, and is therefore not a cause for rejection.
6. Trim part marks are as shown: ex. FL-32-20'-2"
- └─┬─┐

trim length in feet and inches.

trim identification number

APPROVAL NOTES

The following conditions apply in the event that these drawings are used as approval drawings:

A) It is imperative that any changes to these drawings:

1) Be made in contrasting ink.

2) Have all instances of change clearly indicated.

3) Be legible and unambiguous.

B) Dated signature is required on all pages.

C) Manufacturer reserves the right to re-submit drawings with extensive or complex changes required to avoid misfabrications. This may impact the delivery schedule.

D) Approval of these drawings indicates conclusively that the manufacturer has correctly interpreted the contract requirements, and further constitutes agreement that the building as drawn, or as drawn with indicated changes represents the total of the materials to be supplied by manufacturer.

E) Any changes noted on the drawings not in conformance with the terms and requirements of the contract between manufacturer and its customer are not binding on manufacturer unless subsequently specifically acknowledged and agreed to in writing by change order or separate documentation. Manufacturer recognizes that rubber stamps are routinely used in indicating approval, disapproval, rejection, or mere review of the drawings submitted. However, manufacturer does not accept changes or additions to contractual terms and conditions that may appear with the use of a stamp or similar indication of approval, disapproval, etc. Such language applied to the manufacturer's drawings by the customer, architect, engineer, or any other party will be considered as unacceptable alterations to these drawing notes, and will not alter the contractual rights and obligations existing between manufacturer and its customer.

SAFETY COMMITMENT

The building manufacturer has a commitment to manufacture quality building components that can be safely erected, however, the safety commitment and job site practices of the erector are beyond the control of the building manufacturer. It is strongly recommended that safe working conditions and accident prevention practices be the top priority of any job site. Local, state and federal safety and health standards, whether standard statutory or customary, should always be followed to help insure worker safety. Make certain all employees know the safest and most productive way of erecting a building. Emergency procedures should be known to all employees. Daily meetings highlighting safetyprocedures are also recommended. The use of hard hats, rubber sole shoes for roof work, proper equipment for handling material, and safety nets where applicable, are recommended.

BOLT TIGHTENING

The proper tightening and inspection of all fasteners is the responsibility of the erector. All high strength (A325, A490) bolts and nuts must be tightened by the "turn-of-the nut" method unless otherwise specified by the end customer in the contract documents. Inspection of high strength bolt and nut installation by other than the erector must also be specified in the contract documents and the erector is responsible for ensuring that the installation and inspection procedures are compatible prior to the start of erection. (MBMA 2006 iv 6.9)

BUILDER/CONTRACTOR RESPONSIBILITIES

It is the responsibility of the builder/contractor to insure that all project plans and specifications comply with the applicable requirements of any governing building authorities. The supplying of sealed engineering data and drawings for the metal building system does not imply or constitute an agreement that the building manufacturer or its design engineer is acting as the engineer of record or design professional for a construction project. The contractor must secure all required approval and permits from the appropriate agency as required. Approval of the manufacturer's drawings and calculations indicate that the building manufacturer correctly interpreted and applied the requirements of the contract drawings and specifications. (sect. 4.4.1 AISC code of standard practices, 13th ed.) Where discrepancies exist between the manufacturer's structural steel plans and the plans for other trades, the structural steel plans shall govern. (sect. 3.3 AISC code of standard practice 13th ed.) Design considerations of any material in the structure which are not furnished by the building manufacturer are the responsibility of the contractors and engineers other than the building manufacturer's engineer unless specifically indicated. The contractor is responsible for all erection of steel and associated work in compliance with the building manufacturer's "for erection installation" drawings. Products shipped to builder or his customer shall be inspected by builder immediately upon arrival. Claims for shortages or defective material, if not packaged, must be made to the manufacturer in writing within five (5) days after receipt of the shipment. However, if a defect is of such nature that reasonable visual inspection would fail to disclose it, then the claim must be made within five (5) days after the builder learns of the defect. The manufacturer will not be liable for any defect unless claim is made one (1) year after date of the original shipment by the manufacturer to builder or his customer. The manufacturer will be given a reasonable opportunity to inspect defective materials upon receipt of claim by builder. If a defect is of such nature that it can be remedied by a field operation at the job site without the necessity of returning the material to the manufacturer, then upon written authorization of the manufacturer, the builder may repair or cause the material to be repaired and the manufacturer will reimburse the builder for the cost of the repair in accordance with the written authorization. Unless noted otherwise, all bracing as shown and provided by the manufacturer for this building is required and shall be installed by the erector as a permanent part of the structure. Temporary supports, such as temporary guys, braces, false work, cribbing or other elements required for the erection operation will be determined and furnished and installed by the erector. These temporary supports will secure the steel framing, or any partly assembled steel framing, against loads comparable in intensity to those for which the structure was designed, resulting from wind, seismic forces and erection operations, but not the loads resulting from the performance of work by or the acts of others, nor such unpredictable loads as those due to tornado, explosion or collision. (sect. 7.10.3 AISC code of standard practice, 13th ed.) Design of gutter and downspout is a function of the rainfall intensity and area to be drained. Design parameters utilized are in accordance with the 2006 low rise building systems manual and/or the 12th edition of the architectural graphic standards, as applicable. Proper owner maintenance dictates that the drainage system be kept free of debris and/or ice at all times to ensure proper function of the gutter and downspout. In those cases where the owner/tenant of a property is unwilling or unable to provide proper maintenance, elimination of gutter should be considered as an alternative.

PRODUCT CERTIFICATION

The building manufacturer is member of the Metal Building Manufacturers Associations. The building manufacturer's fabrication and products are covered by one or more of the following certification:

1. Approved fabricator of prefabricated buildings and components. Reference IAS(MB-205)

2. City of Houston approved fabricator (registration no. 964)

International Building Code (IBC)

Material properties of steel plate used in the fabrication of primary rigid frames, and primary structural exclusive of cold-formed sections, conform to ASTM-A529 or A-572. Flanges with thickness of 1" or less and width of 12" or less conformed to A-529 with minimum yield point of 55,000 PSI. Flanges greater than ¾" in thickness and 12" in width conformed to A-572 with min. yield point of 50,000 PSI. Flanges with a thickness greater than 1" thick and a width less than 12" conform to A-572 with min. yield point of 50,000 PSI. Material properties of pipe sections conform to ASTM-A53 type E, Grade B with a min. yield point 35,000. Material properties of hot rolled steel members conform to the requirements of ASTM-A992 or A-572 with a min. yield point of 50,000 PSI. Material properties of cold formed light gauge steel members conform to ASTM-A1011 Grade 55 with a min. yield point of 55,000 PSI. Materials properties of roof/wall sheeting, base material conform to ASTM-A792 Grades 50 or 80 with min. yield point of 50,000 PSI an 80,000 PSI respectively, as required by design Coating & base material is 55% aluminum-zinc alloy in accordance with AZ55 for unpainted or AZ50 for painted specification.Cable utilized for bracing conforms to ASTM A475.Cable bracing is to be installed to a tout condition with all slack removed. Rod & angle utilized for bracing members conform to ASTM A36. Structural joints with ASTM A-325 high strength bolts, where indicated on the drawings, shall be assembled and the fasteners tightened in accordance with the bolt tightening procedure per MBMA '96 IV 6.9. All joints will be assembled without washers unless otherwise noted. All steel members except bolts, fasteners & cable shall receive one shop coat of iron oxide corrosion inhibitive primer, meeting the performance requirements pf SSPC paint Specification #15. Shop & field inspections and associated fees are the responsibility of the contractor, unless stipulated otherwise in the contract.

Packing List: 12345

Ship To: LUIS MARTINEZ
5487 FM 744
PAWNDE, TX, 71576

Truck ID: EXPRESS

Carton ID	Piece Mark	Description	DimsQty	Length	Unit Weight	Gross Weight	Order#	Line#	CustPO#
BUILDING SERVICE									
C128980	RF1-1	BUILT UP SECTION	2	8' 3-7/16"	124.0	248	12345	1	896790
	RF1-2	BUILT UP SECTION	2	10' 7-6/8"	154.0	308	12345	2	896790
	RF2-1	BUILT UP SECTION	1	8' 3-7/16"	125.0	125	12345	3	896790
BUILDING SERVICE									
C128945						190			
PA12E9697B4	EC-1	ENDWALL COLUMN 8X35C16	2	9' 10-15/16"	27.5	55	12345	8	896790
	EC-2	ENDWALL COLUMN 8X35C16	2	11' 8-7/16"	33.3	67	12345	9	896790
	ER-1	ENDWALL RAFTER 8X35C14	2	8' 9-5/8"	25.1	50	12345	10	896790
	ER-2	ENDWALL RAFTER 8X35C14	2	8' 9-5/8"	25.1	50	12345	11	896790
26ga PBR DESERT SAND PANEL SMP									
178x6x0						222			
C127443-BUNDLE ZEE	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	14' 9-1/2"	39.5	79	12345	35	896790
	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	13' 9-1/2"	37.0	74	12345	39	896790
	LEFT ENDWALL	26GA PBR ENDWALL PANEL	2	12' 9-1/2"	34.5	69	12345	41	896790
BUNDLE ZEE									
0x6x0						190			
C127066-WAREHOUSE	G-1	ZEE 8 X 2-3/8 X 2-1/8 16GA RED OXIDE	4	4' 7-1/2"	12.7	51	12345	17	896790
	G-2	ZEE 8 X 2-3/8 X 2-1/8 16GA RED OXIDE	2	12' 7-1/2"	35.0	70	12345	18	896790
	G-3	ZEE 8 X 2-3/8 X 2-1/8 16GA RED OXIDE	4	4' 3-1/2"	11.7	47	12345	19	896790
	G-4	ZEE 8 X 2-3/8 X 2-1/8 16GA RED OXIDE	1	8' 1-1/2"	22.0	22	12345	20	896790
WAREHOUSE BOX 1									
0x6x0						222			
C126431-4rim box 1	R PANEL	OUTSIDE CLOSURE STRIP 36"	22		0.0	1	12345	81	896790
	TUBE	CAULKING SILICONE CLEAR 10.3 OZ TUBE	14		1.1	16	12345	83	896790
	12 X 1-1/4	SELF DRILLING CARBON SCREW LIGHT STONE	750		0.0	15	12345	91	896790
trim box 1									
21x6x0						149			
C126431-4rim box 1	FL-S11	26GA EAVE TRIM - (ALL PANELS) - LIGHT STONE SMP	2	20' 2"	13.5	27	12345	59	896790
	FL-21	26GA SCULPTURE RAKE END - (*R PANEL) LIGHT STONE SMP	4	15' 3"	22.2	89	12345	60	896790
	FL-10	26GA CORNER TRIM - OUTSIDE (*R" AND *A" PANEL) DESERT SAND SMP	4	10' 0"	8.2	33	12345	63	896790

Page 1

PACKING LIST EXAMPLE

Customer

Customer PO Number

Carton ID

Job Number

12345

ABC CONSTRUCTION

07522

PA12E9697B4

Part Name

Description

Length

Qty

LEFT ENDWALL

26 GA. PBR SIDEWALL PANEL

14'

9-1/2"

2

LEFT ENDWALL

26 GA. PBR SIDEWALL PANEL

13'

9-1/2"

2

LEFT ENDWALL

26 GA. PBR SIDEWALL PANEL

12'

9-1/2"

2

TRIM BUNDLE AND WAREHOUSE LABEL

Carton ID

Customer

Job Number

C126431

ABC CONSTRUCTION

12345

BUNDLE LABEL EXAMPLES

TRIM PIECE LABEL

Piece Mark

Length

FL-31

20' 2"

12345

L-59

Job Number

Line Number

BUILT UP, STRUCTURAL AND FAB. COLD FORM LABEL

Job Number

Piece Mark

12345

RF1-1

PIECE LABEL EXAMPLES

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

DATE 10/07/11		CARRIER JOE TRUCKING	BILL OF LADING # 84321	
SHIPPER AND ORIGIN ABC BUILDINGS 17812 BROWN RD HOUSTON, TX			CONSIGNEE AND DESTINATION BOB'S BUILDING c/o LARRY UNDERWOOD 3387 DELTA RD HUEYTOWN, AL 35023 County of:	
Route: Phase: Trailer # 50582 Tracking # Freight PO# 41433			Order # 12345 Order Type: ABC Building Addl Order #s	Ship Status:
COD AMOUNT: \$0.00				
FOR FREIGHT COLLECT SHIPMENTS: Subject to section 7 of conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and other lawful charges.				
# PACKAGES	KIND OF PACKAGES, DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS			WEIGHT
1	LOT MISC. BUILT UP / STRUCTURAL / COLD FORM / PANEL / TRIM / CANOPY / 2 BUNDLES OF RED & GALV ANGLE			35280
Carrier: Print Name: _____ Tractor #: _____		TOTAL WEIGHT (LBS)		35,280

RECEIVED, subject to the classifications and the tariffs in effect on the date of issue of the Bill of Lading, the property described above is in apparent good order, order, except as noted (contents and condition of contents in packages unknown), marked, consigned and delivered as indicated above, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery as said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any part of said property over all of any portion of said route to destination and as to each party at any time interested in all or any said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Straight Bill of Lading set forth: (1) in the National Motor Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Any alteration, addition, or erasure in the bill of lading shall be made with the special notation hereon of the party issuing this Bill of Lading, shall be without effect in the absence of such notation, and this Bill of Lading shall be enforceable according to its original tenor.

THIS MATERIAL MUST BE DELIVERED BY:

Receiver Signature: _____ Date Picked Up: _____ Time: _____

The property described above is in apparent good order, except as noted (contents and condition in packages unknown), marked, labeled, and is in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Consignee's Signature: _____ Date: _____

BILL OF LADING EXAMPLE

Fred F. Radfar P.E.
30 Windermere Lane
Houston, TX 77063
(713-784-9008)
fred@radfarpe.com

North Carolina License #010295
Exp. 12/31/2025



DRAWING STATUS

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☒ FOR CONSTRUCTION:
FINAL DRAWINGS.

REVISIONS				BY	CK'D
NO.	DATE	DESCRIPTION			
0	6/16/25	PERMIT FOR CONSTRUCTION		ARG	ARG

2141 SECOND AVENUE S.W. CULLMAN, AL. 35055
PHONE: 800.438.1606
FAX: 800.438.1626
www.inlandbuildings.com

DESCRIPTION NOTES PAGE		SIZE	REFER TO C1	
OWNER OR PROJECT	Paul D. Williams Hauling	CUSTOMER	STEELCRAFT CONSTRUCTION	
JOB SITE LOCATION	2981 BUD HAWKINS ROAD	ADDRESS	6746 OLD BEULAH ROAD	
	DUNN, NC 28334-5991		KENLY, NC 27542	
CAD BY	ENGR BY	DATE	SCALE	JOB NO.
ARG	FR	6/16/25	N.T.S.	207483
				PH BLDG. DESC.
				(None)
				SHEET NO.
				C2 of 2
				ISSUE
				0

STEEL LINE

SILL ANGLE

FIN. FLOOR

• ATTACHMENT TO CONCRETE BY OTHERS

SECTION "A"

BASE SECTION

STEEL LINE

3 1/2"

3"

3"

1 1/2"

FIN. FLR.

RAMP (IF REQ'D)

SECTION "B"

OVERHEAD DOOR BASE SECTION

STEEL LINE

3"

FIN. FLR.

SECTION "C"

F.O. JAMB BASE SECTION

1 1/4"

DOOR

OPENING WIDTH

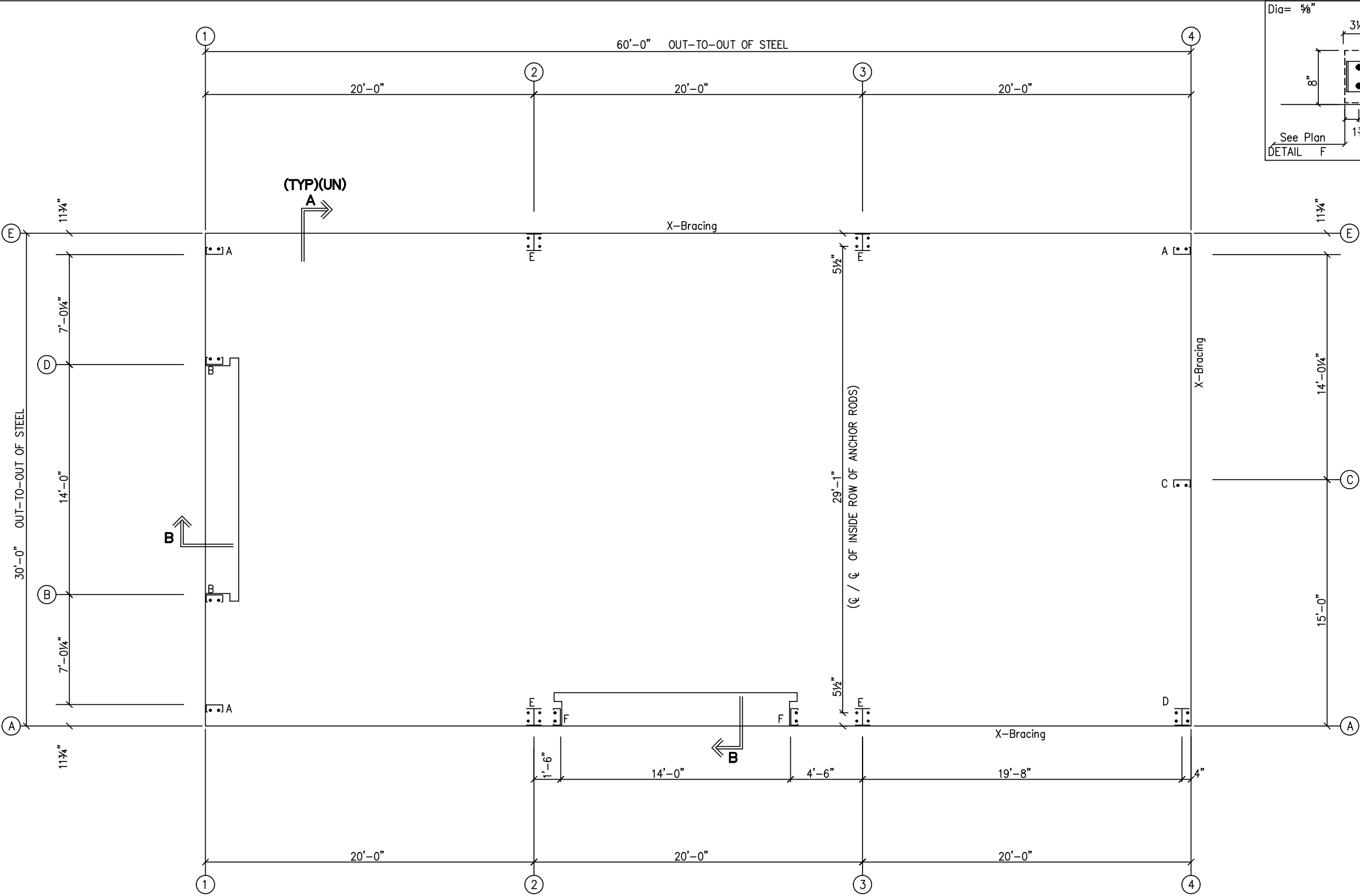
3"

3"

STEEL LINE

WALKDOOR BASE PLATE DETAIL

A. RODS	1/2" Ø	BASE PL. THK.	1/4"
Girt Width	Walk Door Frame	Dim.	Ramp Width
8"	8"	2 1/2"	11 1/2"
10"	10"	3 1/2"	1'-1 1/2"
12"	12"	4 1/2"	1'-3 1/2"



Dia= 5/8"

3 1/2"

8"

3"

2 1/2" SW

See Plan

DETAIL F

Dia= 5/8"

11 3/4"

8"

3"

2 1/2" SW

See Plan

DETAIL A

Dia= 5/8"

11 3/4"

8"

3"

2 1/2" SW

See Plan

DETAIL B

Dia= 5/8"

11 3/4"

8"

3"

2 1/2" SW

See Plan

DETAIL C

Dia= 5/8"

8"

6"

3"

2 1/2" SW

See Plan

DETAIL D

Dia= 3/4"

6"

1'-0 1/2"

3"

2 1/2" SW

See Plan

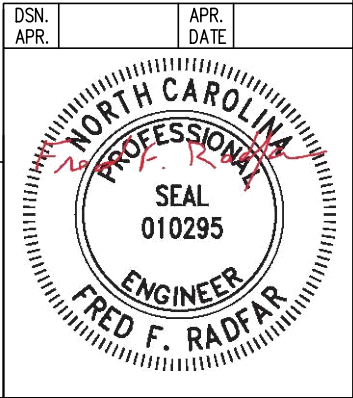
DETAIL E

ANCHOR ROD PLAN

NOTE: All Base Plates @ 100'-0" (FINISH FLOOR)(UNLESS NOTED)

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30 Windermere Lane
Houston, TX 77063
(713-784-9008)
fred@radfarpe.com

North Carolina License #010295
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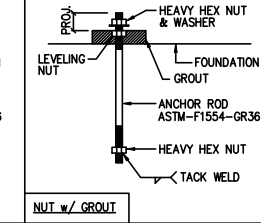
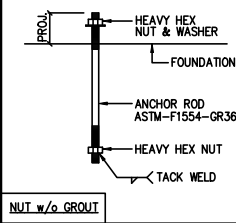


ANCHOR RODS HAVE BEEN DESIGNED FOR SHEAR AND TENSION LOADS ONLY, PER APPENDIX D OF ACI 318-14.

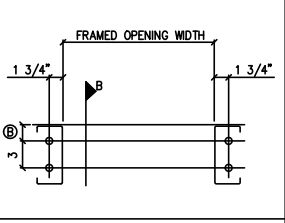
DESIGN OF SHEAR ANGLES, TENSION PLATES, HAIRPINS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER AND PROVIDED BY OTHERS.

ANCHOR ROD PROJECTION IS FROM BOTTOM OF BASE PLATE, UNLESS GROUT IS REQUIRED.

DIA.	PROJ.
1/2"	1 1/2"
5/8"	2"
3/4"	2 1/2"
7/8"	3 1/2"
1"	3 1/2"
1 1/4"	3 1/2"



ANCHOR RODS (BY OTHERS)



FRAMED OPENING ANCHOR ROD DETAIL
A. RODS 5/8" Ø BASE PL. THK. 1/4"

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REVISIONS

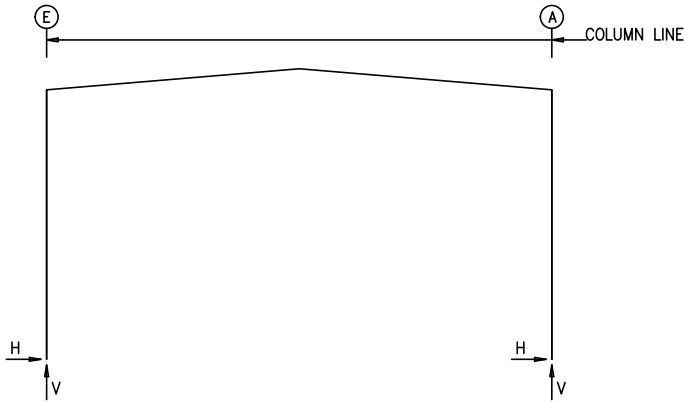
NO.	DATE	DESCRIPTION	BY	CK'D
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INLAND BUILDINGS

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PHONE: 800.438.1606
FAX: 800.438.1626
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DESCRIPTION	ANCHOR ROD PLAN	SIZE	REFER TO C1
OWNER OR PROJECT	Paul D. Williams Hauling	CUSTOMER	STEELCRAFT CONSTRUCTION
JOB SITE LOCATION	2981 BUD HAWKINS ROAD DUNN, NC 28334-5991	ADDRESS	6746 OLD BEULAH ROAD KENLY, NC 27542
CAD BY	ARG	ENGR BY	FR
DATE	6/16/25	SCALE	N.T.S.
JOB NO.	207483	PH BLDG. DESC.	(None)
SHEET NO.	F1 of 2	ISSUE	0

FRAME LINES: 2 3



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR RODS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty Dia		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2*	E	3	2.2	2.8	6	-3.1	-2.9	4	0.750	6.000	12.50	0.500	0.0
		1	1.1	4.9	4	-2.7	-4.7						
2*	A	7	3.1	-2.9	2	-2.2	2.8	4	0.750	6.000	12.50	0.500	0.0
		1	-1.1	4.9	5	2.7	-4.7						
2*	Frame lines: 2 3												

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width	(ft)	=	30.0
Length	(ft)	=	60.0
Eave Height	(ft)	=	16.0 / 16.0
Roof Slope	(rise/12)	=	1.00 / 1.00
Roof Dead Load	(psf)	=	2.0
Wall Dead Load			
Left Endwall	(psf)	=	2.0
Right Endwall	(psf)	=	2.0
Front Sidewall	(psf)	=	2.0
Back Sidewall	(psf)	=	2.0
Roof Live Load	(psf)	=	20.0
Frame Live Load	(psf)	=	12.0
Collateral Load	(psf)	=	1.0
Snow Load	(psf)	=	7.7
Minimum Snow	(psf)	=	10.0
Wind Speed	(mph)	=	120.0
Wind Code		=	NCBC 18 (IBC 15)
Exposure		=	C
Closure		=	Enclosed
Internal Wind Coeff		=	-0.18, +0.18
Risk Category		=	II - Normal
Importance - Wind		=	N/A
Importance - Seismic		=	1.00
Seismic Design Category		=	C
Seismic Coeff	(Sms)	=	0.29

ID	Description
1	Dead+Collateral+Live
2	Dead+Collateral+0.75Live+0.45Wind_Left1
3	Dead+Collateral+0.75Live+0.45Wind_Right1
4	0.6Dead+0.6Wind_Left1
5	0.6Dead+0.6Wind_Right1
6	0.6Dead+0.6Wind_Left2
7	0.6Dead+0.6Wind_Right2
8	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
9	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
10	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
11	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
12	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
13	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L
14	Dead+Collateral+0.75Live+0.45Wind_Right2+0.45Wind_Suction
15	Dead+Collateral+0.75Live+0.45Wind_Left2+0.45Wind_Suction

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	-----Dead-----		---Collateral---		-----Live-----		---Snow---		---Wind_Left1---		---Wind_Right1---	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	E	0.2	1.0	0.1	0.3	0.9	3.6	0.6	2.3	-4.6	-8.8	2.8	-2.6
2*	A	-0.2	1.0	-0.1	0.3	-0.9	3.6	-0.6	2.3	-2.8	-2.6	4.6	-8.8
Frame Line	Column Line	--Wind_Left2--		--Wind_Right2--		--Wind_Long1--		--Wind_Long2--		--Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	E	-5.3	-5.9	2.2	0.3	1.2	-8.1	1.0	-7.0	-0.2	-0.2	0.2	0.2
2*	A	-2.2	0.3	5.3	-5.9	-1.0	-7.0	-1.2	-8.1	-0.2	0.2	0.2	-0.2
Frame Line	Column Line	Seismic_Long1		Seismic_Long2		-MIN_SNOW--		F1UNB_SL_L-		F1UNB_SL_R-			
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert		
2*	E	0.0	-0.3	0.0	0.3	0.7	3.0	0.5	2.4	0.5	1.4		
2*	A	0.0	-0.3	0.0	0.3	-0.7	3.0	-0.5	1.4	-0.5	2.4		
2*	Frame lines:	2 3											

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1		Wind Right1		Wind Left2		Wind Right2		Wind Press Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert				
1	E	0.2	0.0	0.7	0.3	-0.7	-0.3	-0.4	0.0	-0.8	0.9	-0.9	-0.5				
1	D	0.4	0.1	2.3	0.9	-3.5	-2.4	-2.3	-1.3	-1.9	2.1	-3.3	-2.2				
1	B	0.4	0.1	2.3	0.9	-2.4	-3.5	-1.3	-2.3	-1.9	2.1	-2.2	-3.3				
1	A	0.2	0.0	0.7	0.3	-0.3	-0.7	0.0	-0.4	-0.8	0.9	-0.5	-0.9				
Frm Line	Col Line	Seis Left Vert	Seis Right Vert	Seis Long Vert	-MIN_SNOW--		E1UNB_SL_L-		E1UNB_SL_R-								
					Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
1	E	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.1							
1	D	0.0	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.4							
1	B	0.0	0.0	0.0	0.0	1.2	0.0	0.4	0.0	1.2							
1	A	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0	0.3							

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1		Wind Right1		Wind Left2		Wind Right2	
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4	A	0.3	0.1	1.2	0.5	0.0	-1.8	0.0	-1.0	0.0	-1.1	0.0	-0.4
4	C	0.6	0.2	3.7	1.4	-1.8	-6.2	0.0	-2.1	-1.8	-4.6	0.0	-0.5
4	E	0.2	0.1	1.2	0.5	0.0	1.1	1.8	-3.8	0.0	1.7	1.8	-3.1

Frm Line	Col Line	Wind Press		Wind Suct		Wind Long1		Wind Long2		Seis Left		Seis Right		Seis Long	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
4	A	-4.3	-1.8	1.9	1.8	0.0	-2.0	0.0	-1.1	0.0	0.0	0.0	0.0	-0.4	-0.3
4	C	-2.7	0.0	3.0	0.0	0.0	-3.7	-0.1	-4.1	-0.1	-0.2	0.0	0.2	0.0	0.0
4	E	-1.4	0.0	1.5	0.0	0.1	-1.2	0.0	-1.8	0.0	0.2	0.1	-0.2	0.0	0.0

Frm Line	Col Line	-MIN_SNOW--		E2UNB_SL_L-		E2UNB_SL_R-	
		Horz	Vert	Horz	Vert	Horz	Vert
4	A	0.0	0.6	0.0	0.6	0.0	0.1
4	C	0.0	1.8	0.0	1.2	0.0	1.2
4	E	0.0	0.6	0.0	0.1	0.0	0.6


ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

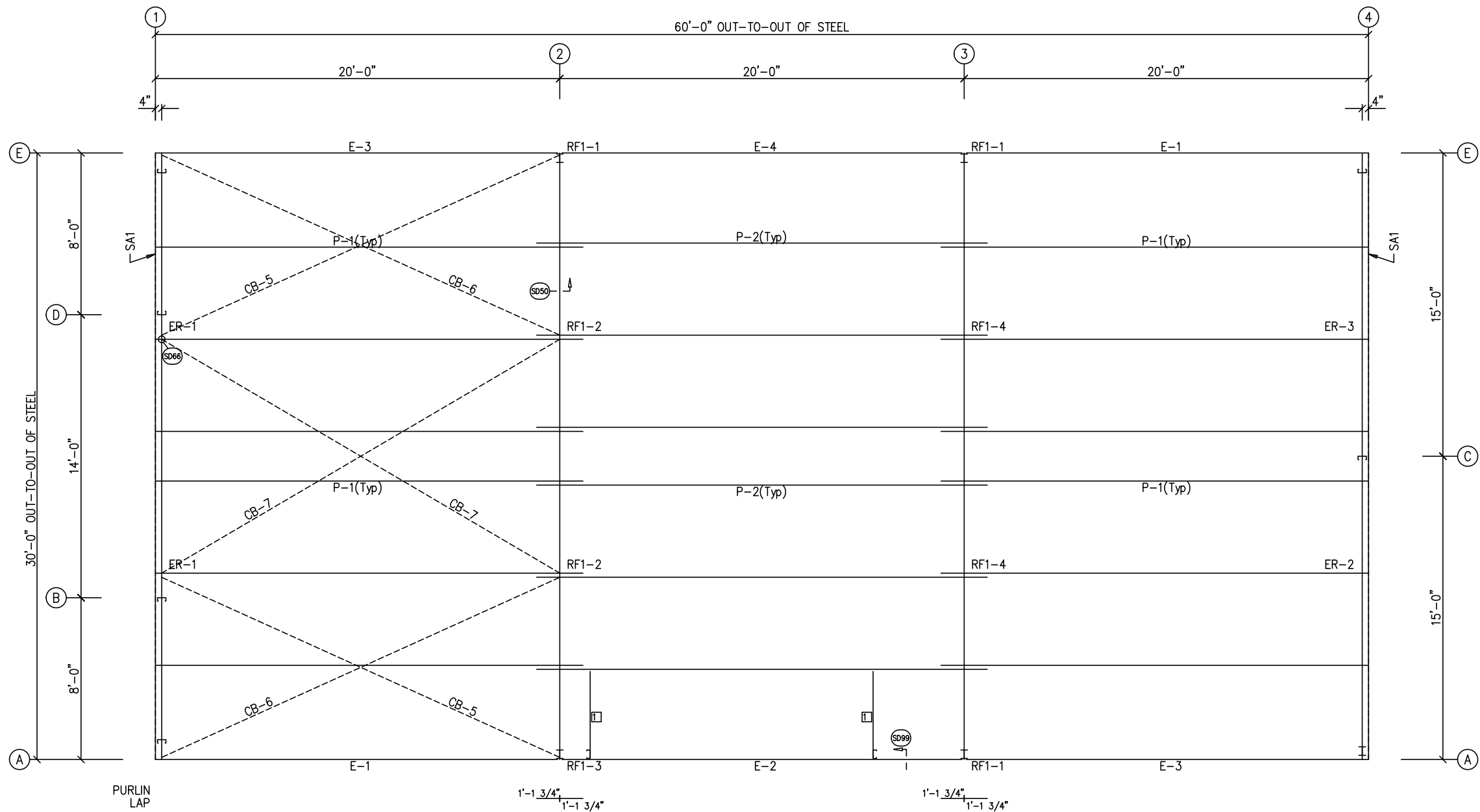
Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
1	E	8	0.5	-0.5	9	-0.5	-0.5	2	0.625	3.500	8.000	0.375	0.0
		1	0.0	0.9	8	0.5	-0.5						
1	D	10	1.3	-1.8	9	-1.2	-1.7	2	0.625	3.500	8.000	0.375	0.0
		1	0.0	2.9	10	1.3	-1.8						
1	B	11	1.3	-1.8	12	-1.2	-1.7	2	0.625	3.500	8.000	0.375	0.0
		1	0.0	2.9	11	1.3	-1.8						
1	A	13	0.5	-0.5	12	-0.5	-0.5	2	0.625	3.500	8.000	0.375	0.0
		1	0.0	0.9	13	0.5	-0.5						
4	A	8	1.2	0.1	9	-2.6	-2.1	4	0.625	6.000	8.000	0.375	0.0
		14	0.9	2.0									
4	C	10	1.8	-3.3	12	-1.6	-2.1	2	0.625	3.500	8.000	0.375	0.0
		1	0.0	4.5	10	1.8	-3.3						
4	E	11	0.9	-2.1	12	-0.8	-0.9	2	0.625	3.500	8.000	0.375	0.0
		15	0.7	2.0	11	0.9	-2.1						

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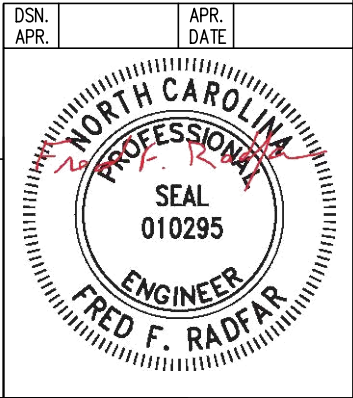
DRAWING STATUS				REVISIONS				INLAND BUILDINGS					
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.			NO.	DATE	DESCRIPTION	BY	CK'D		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com			
				0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG					
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.												
<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.												
								DESCRIPTION REACTIONS				SIZE REFER TO C1	
								OWNER OR PROJECT		Paul D. Williams Hauling		CUSTOMER STEELCRAFT CONSTRUCTION	
								JOB SITE LOCATION		2981 BUD HAWKINS ROAD DUNN, NC 28334-5991		ADDRESS 6746 OLD BEULAH ROAD KENLY, NC 27542	
				CAD BY ARG		DATE 6/16/25	SCALE N.T.S.	JOB NO. 207483		PH BLDG. DESC. (Rev)	SHEET NO. F2 of 2		ISSUE 0




ROOF FRAMING PLAN

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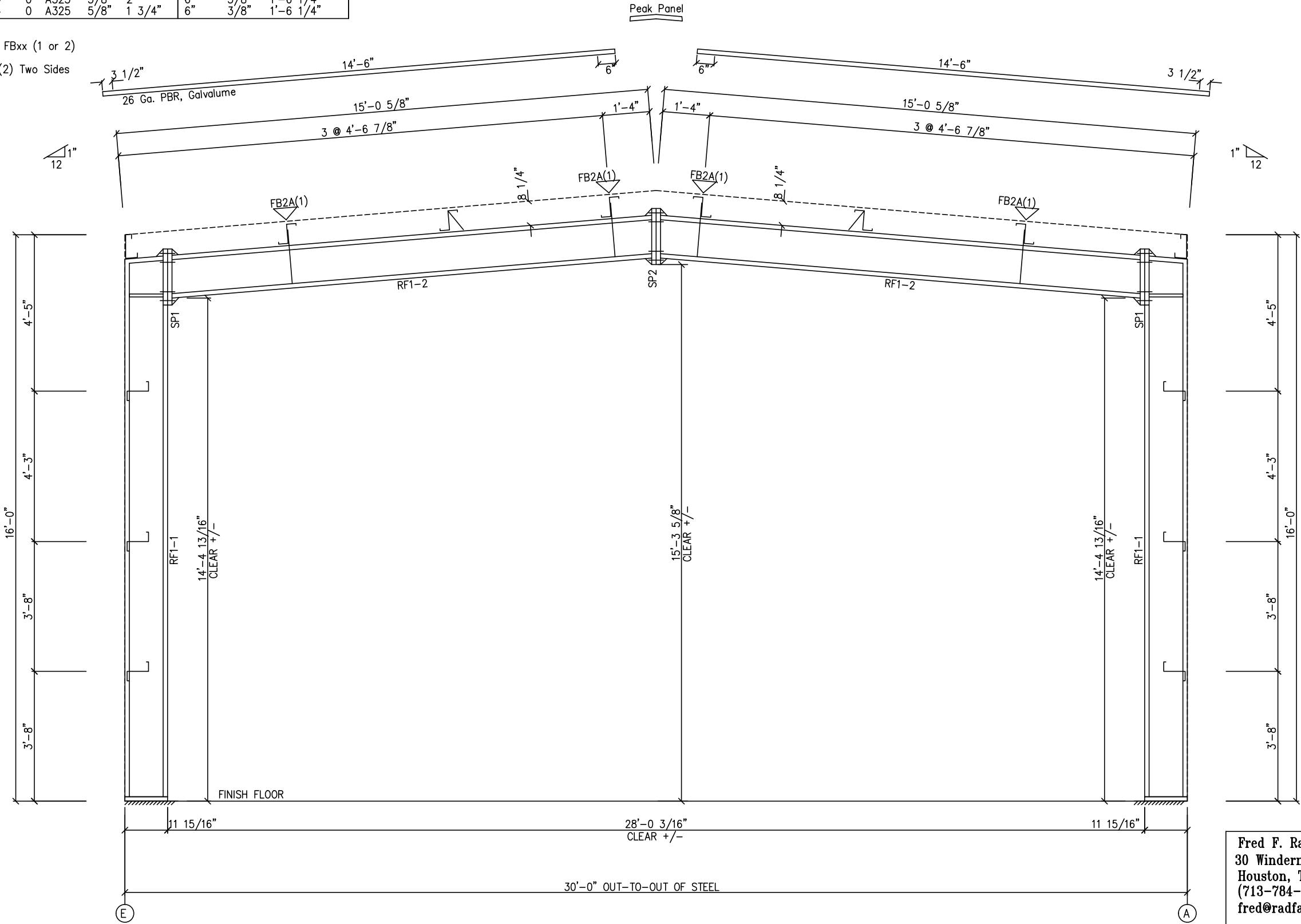


DRAWING STATUS		REVISIONS						INLAND BUILDINGS							
<input type="checkbox"/>	FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION	BY	CK'D		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com							
<input type="checkbox"/>	FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG	DESCRIPTION ROOF FRAMING		SIZE	REFER TO C1					
<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.						OWNER OR PROJECT	Paul D. Williams Hauling		CUSTOMER	STEELCRAFT CONSTRUCTION				
							JOB SITE LOCATION	2981 BUD HAWKINS ROAD DUNN, NC 28334-5991		ADDRESS	6746 OLD BEULAH ROAD KENLY, NC 27542				
							CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.	ISSUE
							ARG	FR	6/16/25	N.T.S.	207483			E1 of 7	0

SPLICE PLATE & BOLT TABLE									
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick
SP1	4	4	0		A325	5/8"	2"	6"	3/8"
SP2	4	4	0		A325	5/8"	1 3/4"	6"	3/8"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W12X14	15'-3 3/4"
RF1-2	W12X14	14'-0 5/16"

FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A - 2X2X14Ga

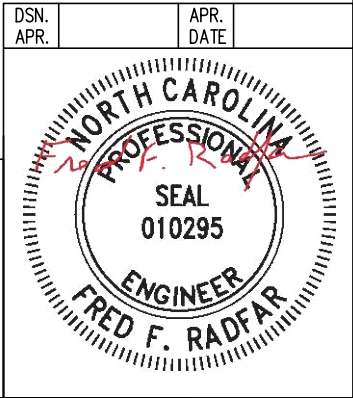



MAIN FRAME ELEVATION: FRAME LINE 2 3

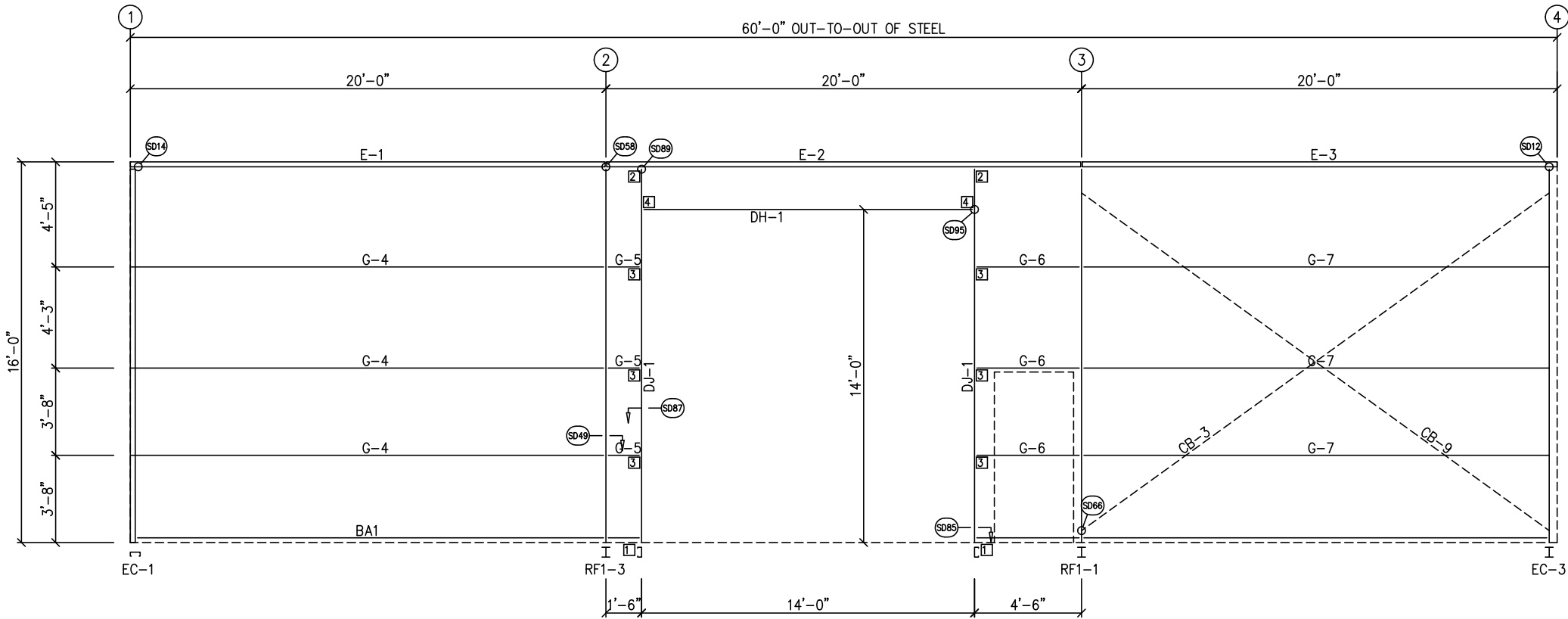
GENERAL NOTES:
SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

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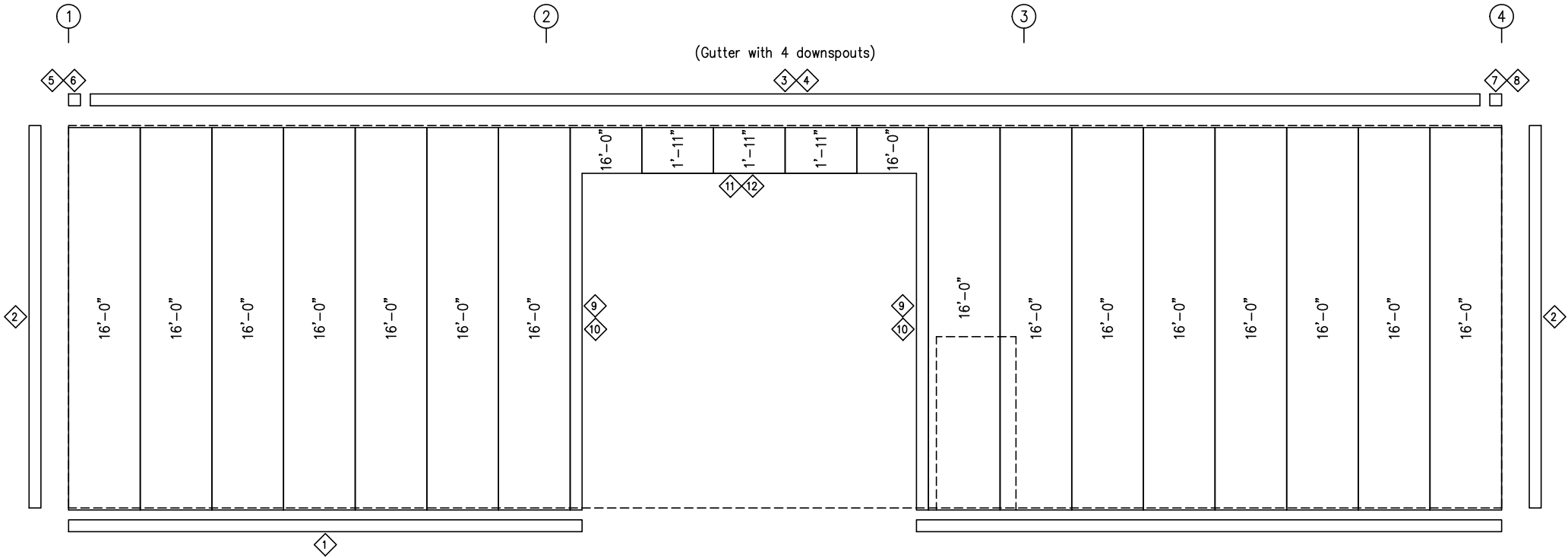
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	0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG													
<input type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.							DESCRIPTION CROSS SECTION			SIZE	REFER TO C1							
<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.							OWNER OR PROJECT			Paul D. Williams Hauling			CUSTOMER			STEELCRAFT CONSTRUCTION		
							JOB SITE LOCATION			2981 BUD HAWKINS ROAD			ADDRESS			6746 OLD BEULAH ROAD		
							DUNN, NC 28334-5991						KENLY, NC 27542					
							CAD BY	ENGR BY	DATE	SCALE	JOB NO.	PH	BLDG. DESC.	SHEET NO.	ISSUE			
							ARG	FR	6/16/25	N.T.S.	207483		(None)	E3 of 7	0			



SIDEWALL FRAMING: FRAME LINE A



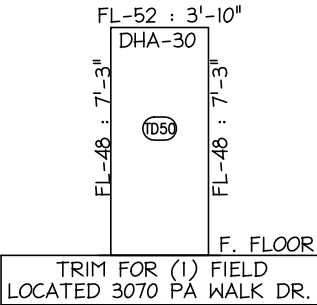
SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Light Stone

TRIM TABLE				
FRAME LINE A				
ID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	20'-2"	SD74
2	1	FL-110	16'-0"	TD40
3	2	FL-170	20'-2"	TD515
4	3	FL-31	20'-2"	
5	1	FL-170L	11'-2"	
6	1	FL-183L	8"	TD88
7	1	FL-170R	11'-2"	TD595
8	1	FL-183R	8"	
9	1	FL-55	14'-2"	
10	1	FL-48	14'-3"	TD51
11	1	FL-55	14'-4"	
12	1	FL-52	14'-4"	TD52

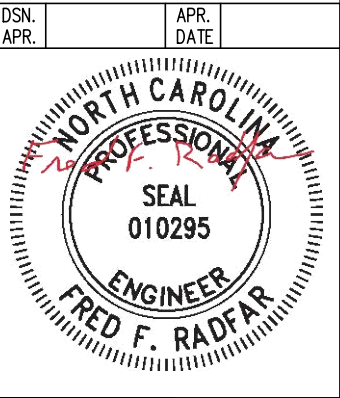
MEMBER TABLE	
FRAME LINE A	
MARK	PART
DJ-1	8X35C14
DH-1	8X25C16
E-1	8E14
E-2	8E14
E-3	8E14
G-4	8X25Z16
G-5	8X25Z16
G-6	8X25Z16
G-7	8X25Z16
CB-3	CB0250
CB-9	CB0250

CONNECTION PLATES	
FRAME LINE A	
ID	MARK/PART
1	CL-104
2	CL-101
3	CL-103
4	CL-100



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GENERAL NOTES:

TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.

FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.

FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.

FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

DRAWING STATUS				REVISIONS				INLAND BUILDINGS			
<input type="checkbox"/>	FOR APPROVAL.	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.		NO.	DATE	DESCRIPTION	BY	CK'D			
<input type="checkbox"/>	FOR PERMIT.	THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.		0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG			
<input type="checkbox"/>	FOR CONSTRUCTION.	THESE DRAWINGS, BEING FOR CONSTRUCTION, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.							BUILDINGS		
<input checked="" type="checkbox"/>	FINAL DRAWINGS.								DESCRIPTION SIDEWALL ELEVATION		
									OWNER OR PROJECT Paul D. Williams Hauling		
									CUSTOMER STEELCRAFT CONSTRUCTION		
									JOB SITE LOCATION 2981 BUD HAWKINS ROAD		
									ADDRESS 6746 OLD BEULAH ROAD		
									DUNN, NC 28334-5991		
									KENLY, NC 27542		
									CAD BY ENGR BY DATE SCALE JOB NO. PH BLDG. DESC. SHEET NO. ISSUE		
									ARG FR 6/16/25 N.T.S. 207483 (Rev) E4 of 7 0		

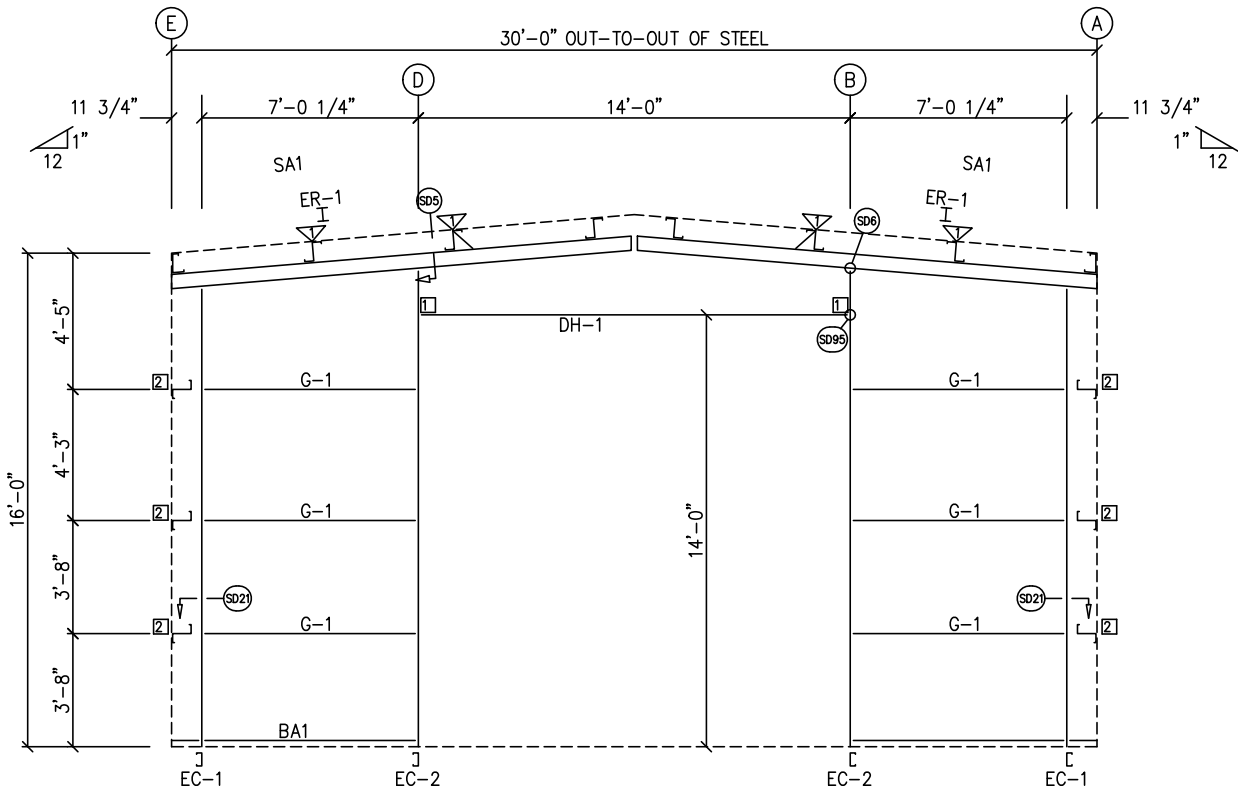
TRIM TABLE				
FRAME LINE 1				
ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	20'-2"	SD74
2	*	FL-60	SCRAP	SD74
3	1	FL-110	16'-0"	TD40
4	1	FL-175	5'-2"	TD535
5	1	FL-175L	11'-2"	TD302
6	1	FL-180	1'-4"	
7	1	FL-175R	11'-2"	TD88
8	1	FL-55	14'-2"	
9	1	FL-48	14'-3"	TD51
10	1	FL-55	14'-4"	
11	1	FL-52	14'-4"	TD52

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

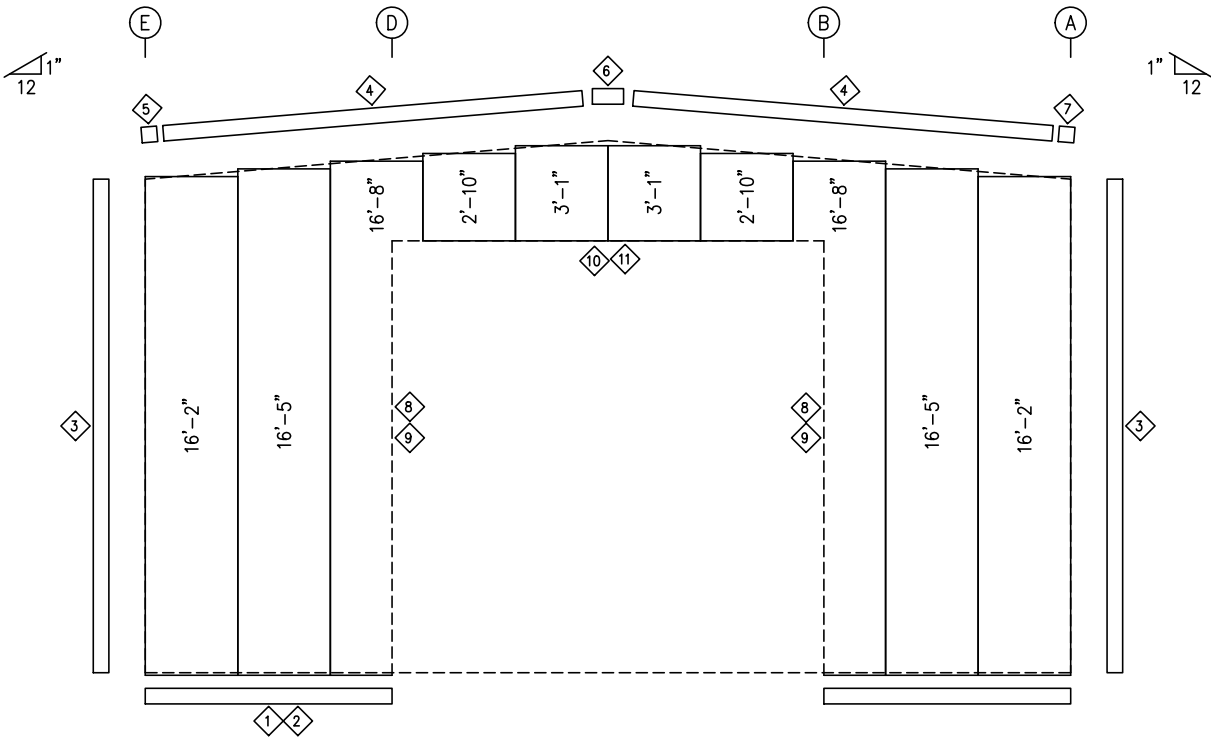
FLANGE BRACE TABLE		
FRAME LINE 1		
ID	MARK	LENGTH
1	FB1A	2'-10"

CONNECTION PLATES		
FRAME LINE 1		
ID	MARK	PART
1	CL-100	
2	CL-5	

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	
EC-1	8X35C14	
EC-2	8X35C14	
ER-1	W8X10	
DH-1	8X25C16	
G-1	8X25Z16	




ENDWALL FRAMING: FRAME LINE 1

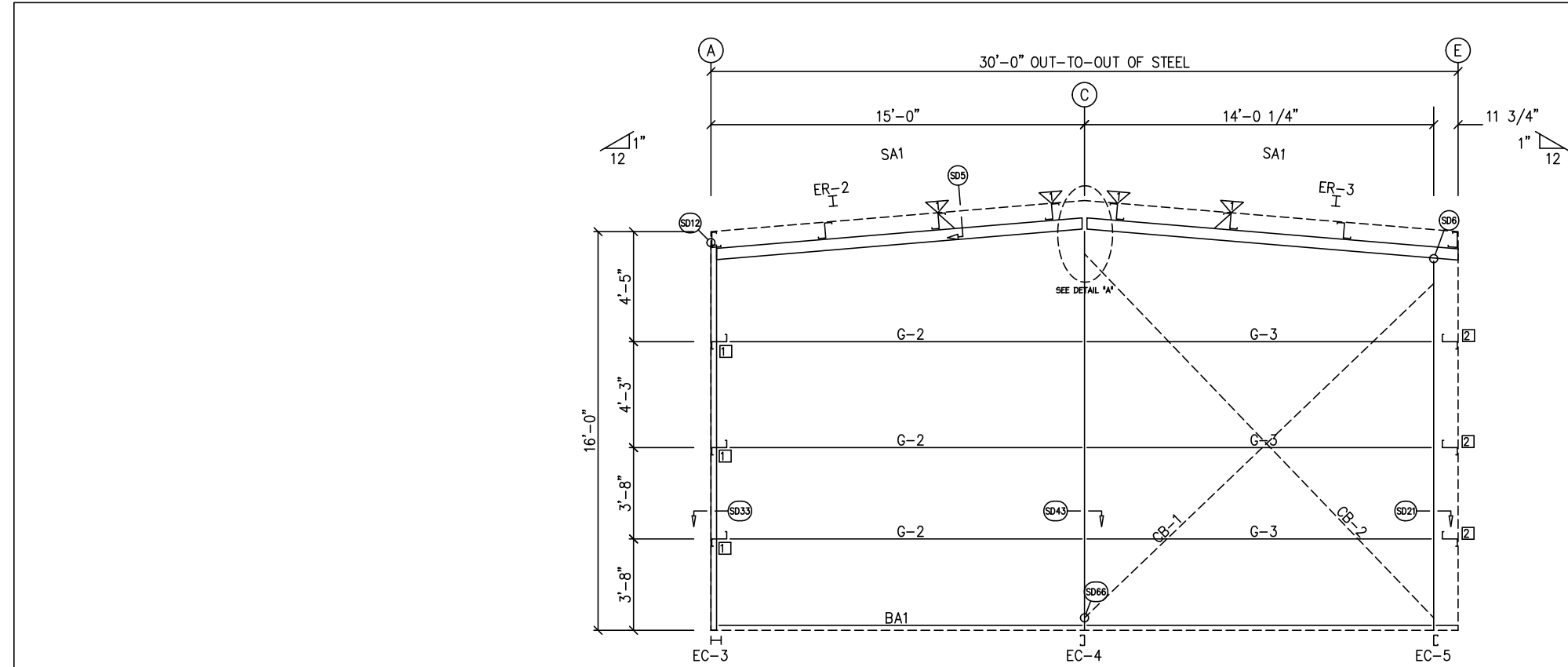


ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - Light Stone

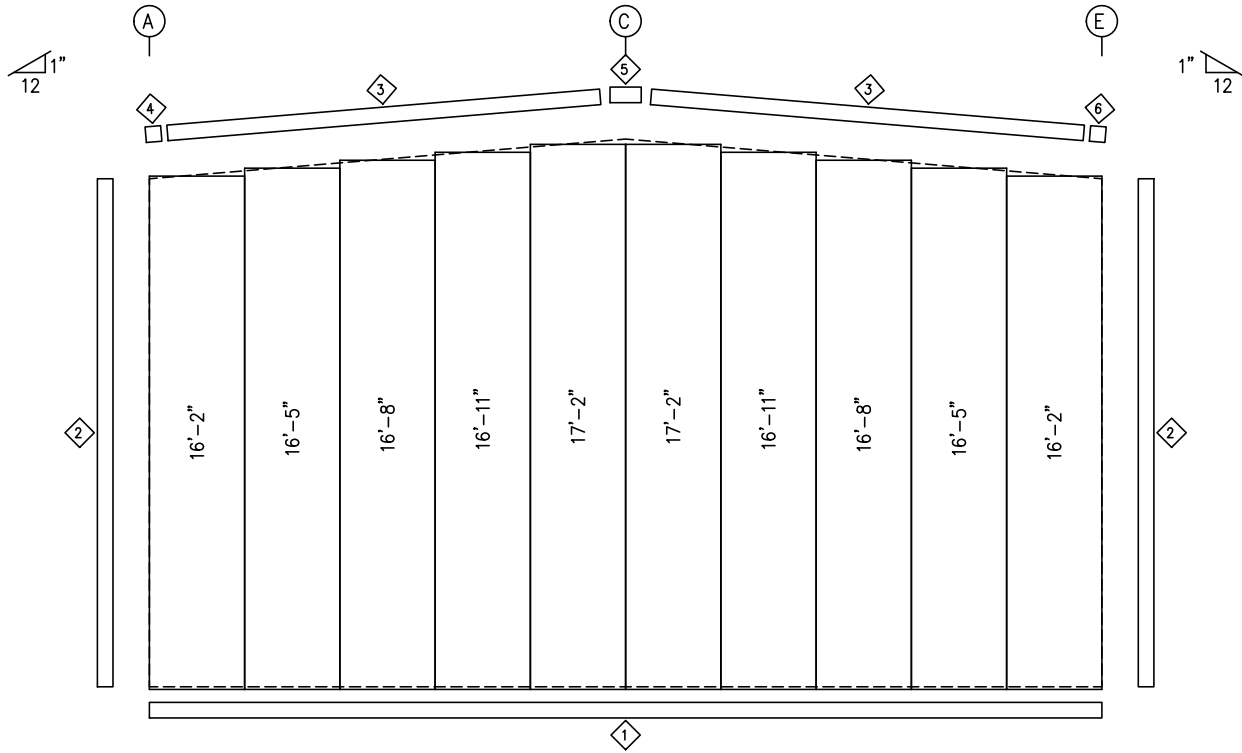
GENERAL NOTES:

TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
BEVELCUT ENDWALL PANELS AS REQUIRED.
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

DRAWING STATUS				REVISIONS					INLAND BUILDINGS																			
<div><input type="checkbox"/> FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.</div> <div><input type="checkbox"/> FOR PERMIT: THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.</div> <div><input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.</div>				NO.	DATE	DESCRIPTION	BY		CK'D	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com																		
				0	6/16/25	PERMIT FOR CONSTRUCTION	ARG		ARG																			
										DESCRIPTION				ENDWALL ELEVATION				SIZE		REFER TO C1								
											OWNER OR PROJECT		Paul D. Williams Hauling				CUSTOMER		STEELCRAFT CONSTRUCTION									
											JOB SITE		2981 BUD HAWKINS ROAD				ADDRESS		6746 OLD BEULAH ROAD									
											LOCATION		DUNN, NC 28334-5991						KENLY, NC 27542									
											CAD BY		ENGR BY		DATE		SCALE		JOB NO.		PH		BLDG. DESC.		SHEET NO.		ISSUE	
											ARG		FR		6/16/25		N.T.S.		207483				E6 of 7		0			



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PBR - Light Stone

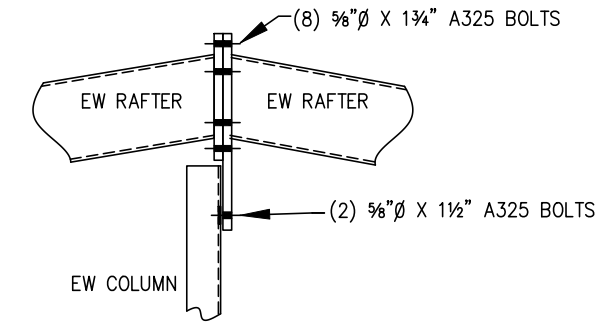
TRIM TABLE				
FRAME LINE 4				
QID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	20'-2"	SD74
2	1	FL-110	16'-0"	TD40
3	1	FL-175	5'-1"	TD535
4	1	FL-175L	11'-2"	TD302
5	1	FL-180	1'-4"	
6	1	FL-175R	11'-2"	TD88

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

FLANGE BRACE TABLE		
FRAME LINE 4		
QID	MARK	LENGTH
1	FB1A	2'-10"

MEMBER TABLE	
FRAME LINE 4	
MARK	PART
EC-3	W8X10
EC-4	8X35C12
EC-5	8X35C14
ER-2	W8X10
ER-3	W8X10
G-2	8X25Z16
G-3	8X25Z16
CB-1	CB0250
CB-2	CB0250

CONNECTION PLATES	
FRAME LINE 4	
QID	MARK/PART
1	CL-70
2	CL-5



DET. A.

EW COLUMN AT CENTERLINE RIDGE

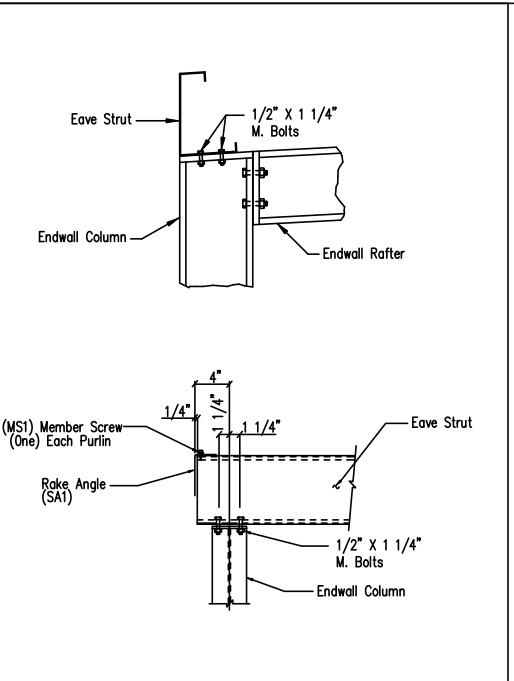
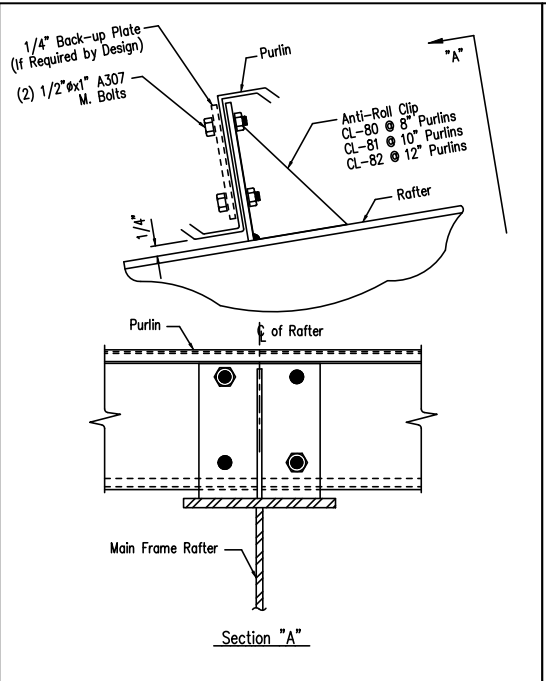
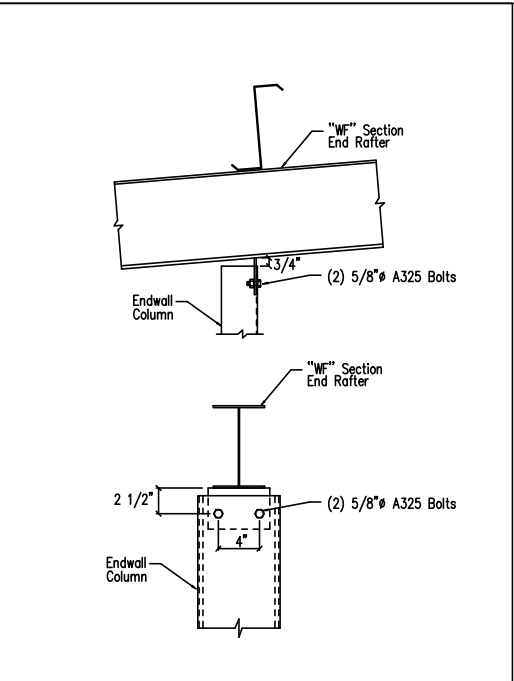
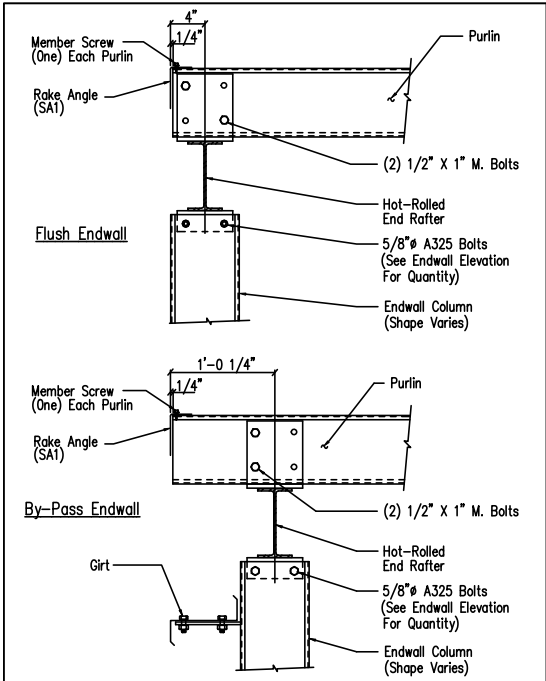
GENERAL NOTES:

TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
BEVELCUT ENDWALL PANELS AS REQUIRED.
FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

DRAWING STATUS	
<input type="checkbox"/> FOR APPROVAL:	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input type="checkbox"/> FOR PERMIT:	THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
<input checked="" type="checkbox"/> FOR CONSTRUCTION:	FINAL DRAWINGS.

REVISIONS	
NO.	DATE
0	6/16/25

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2141 SECOND AVENUE S.W. CULLMAN, AL. 35055	
PHONE: 800.438.1606	
FAX: 800.438.1626	
www.inlandbuildings.com	
DESCRIPTION	ENDWALL ELEVATION
OWNER OR PROJECT	Paul D. Williams Hauling
CUSTOMER	STEELCRAFT CONSTRUCTION
JOB SITE LOCATION	2981 BUD HAWKINS ROAD
ADDRESS	6746 OLD BEULAH ROAD
DUNN, NC 28334-5991	KENLY, NC 27542
CAD BY	ENGR BY
ARG	FR
DATE	6/16/25
SCALE	N.T.S.
JOB NO.	207483
PH	BLDG. DESC.
(None)	(None)
SHEET NO.	E7 of 7
ISSUE	0



Section Thru Rake w/Hot Rolled Rafter

DRAWING NO.
SD5

Cold Form Column to Hot Rolled Rafter

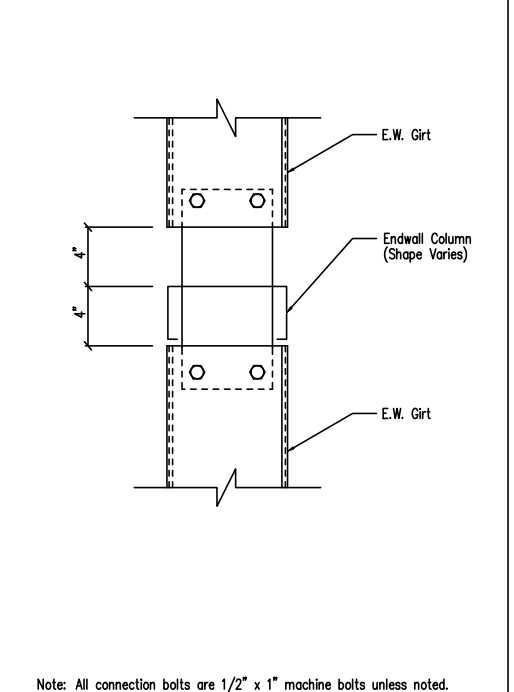
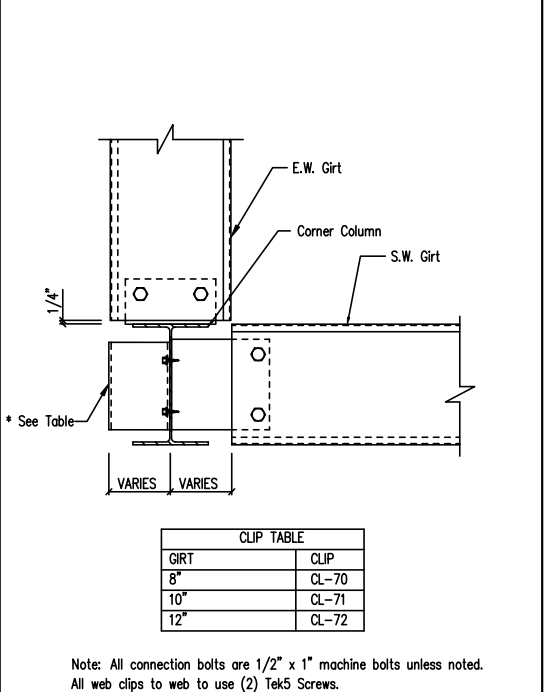
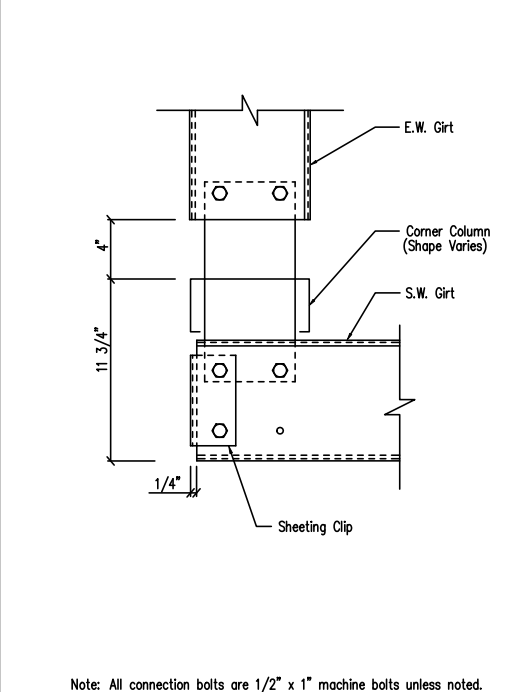
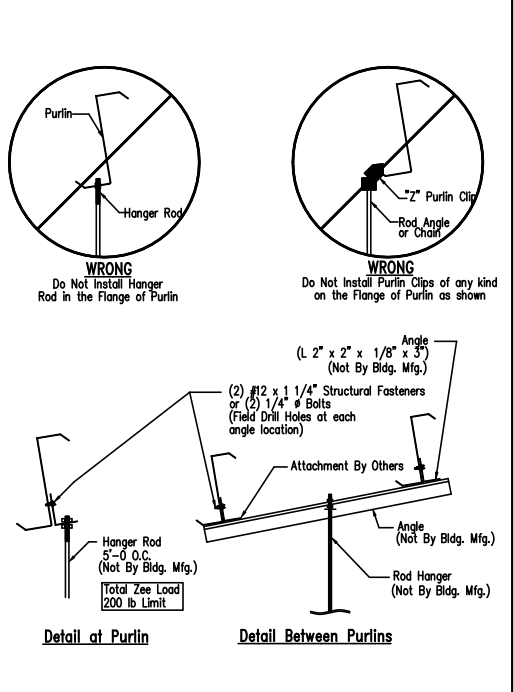
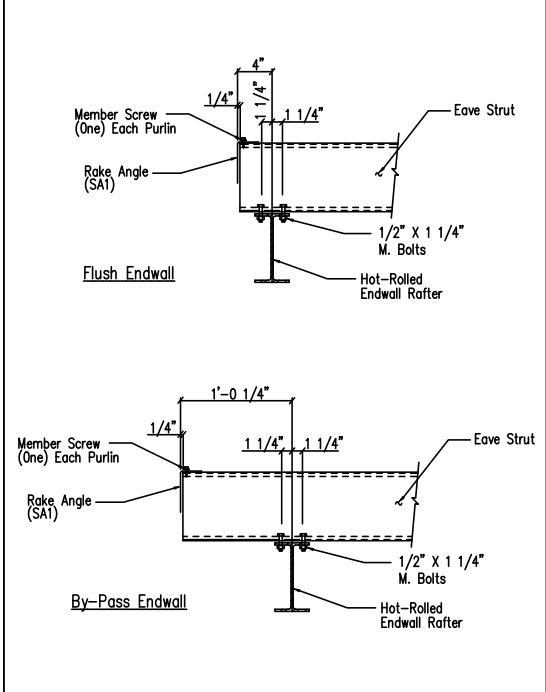
DRAWING NO.
SD6

Purlin to Anti-Roll Clip Connection

DRAWING NO.
SD115

Corner Column Connection WF Rafter/Column
Flush Sidewall

DRAWING NO.
SD12



Eave Strut to Hot Rolled Rafter Connection

DRAWING NO.
SD14

Collateral Material Hanger Detail

DRAWING NO.
SD160

Section at "C" Corner Column
Flush Endwall

DRAWING NO.
SD21

Section at Hot Rolled Corner Column
Flush Endwall - Flush Sidewall

DRAWING NO.
SD33


Girt to "C" Endwall Column Connection

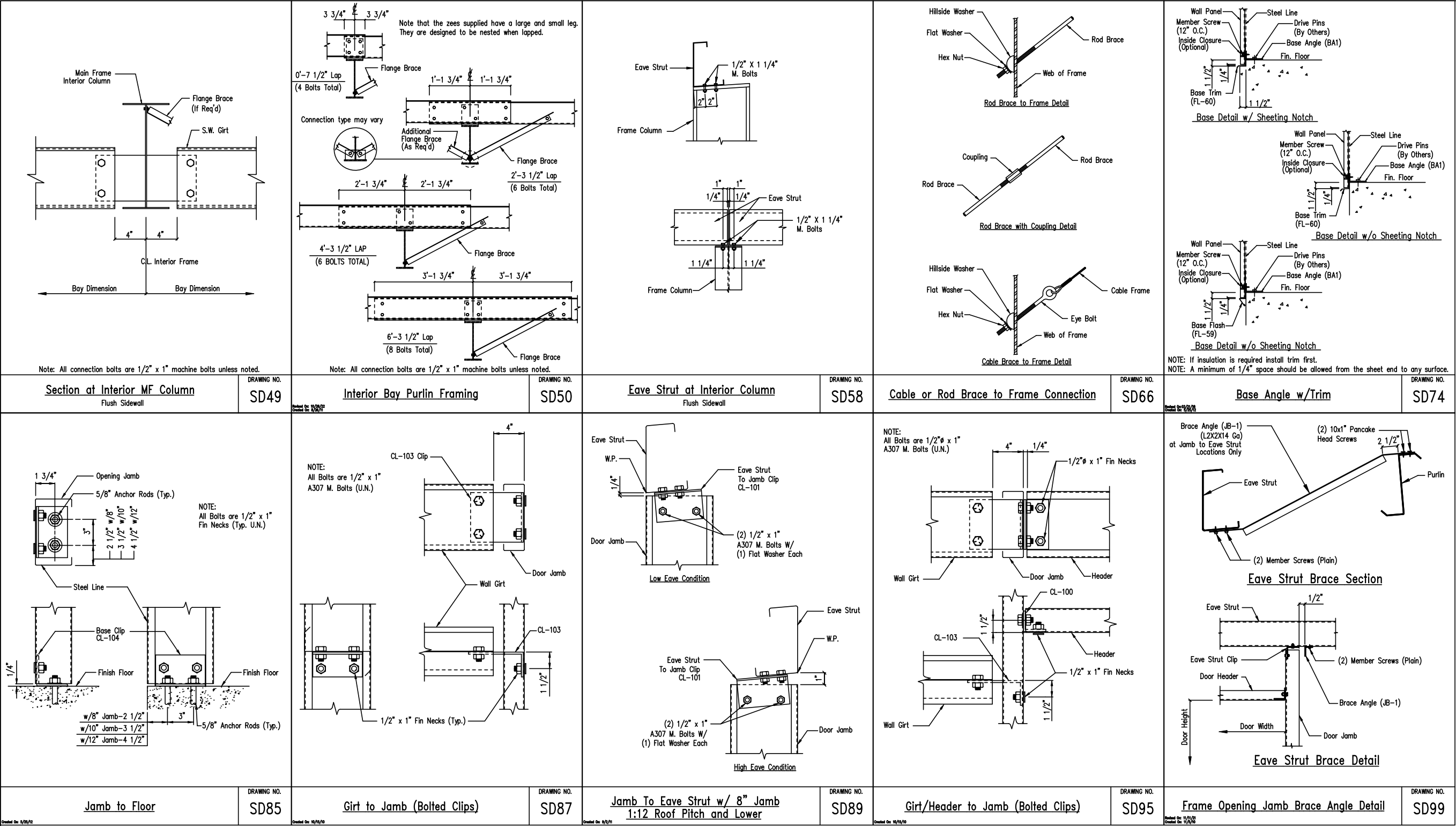
DRAWING NO.
SD43

GENERAL NOTES:
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
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* TRIM PROFILE MAY VARY.

Fred F. Radfar P.E.
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fred@radfarpe.com

North Carolina License #010295
Exp. 12/31/2025


DRAWING STATUS				REVISIONS				INLAND BUILDINGS			
<input type="checkbox"/>	FOR APPROVAL:	NO.	DATE	DESCRIPTION	BY	CK'D		 INLAND BUILDINGS 2141 SECOND AVENUE S.W. CULLMAN, AL. 35055 PHONE: 800.438.1606 FAX: 800.438.1626 www.inlandbuildings.com			
<input type="checkbox"/>	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG					
<input type="checkbox"/>	FOR PERMIT:							DESCRIPTION DETAIL DRAWINGS			
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<input checked="" type="checkbox"/>	FOR CONSTRUCTION:							JOB SITE LOCATION	2981 BUD HAWKINS ROAD DUNN, NC 28334-5991	ADDRESS	6746 OLD BEULAH ROAD KENLY, NC 27542
<input type="checkbox"/>	FINAL DRAWINGS.							CAD BY	ARG	ENGR BY	FR
								DATE	6/16/25	SCALE	N.T.S.
								JOB NO.	207483	PH BLDG. DESC.	(None)
								SHEET NO.	D1 of 4	ISSUE	0

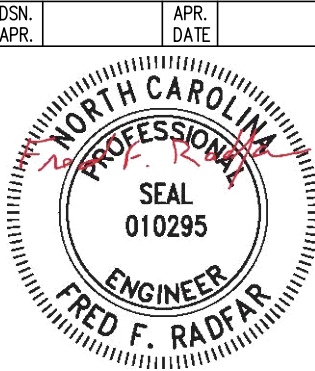


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<input type="checkbox"/>	FINAL DRAWINGS.							CAD BY	ENGR BY	DATE	SCALE
								ARG	FR	6/16/25	N.T.S.
									JOB NO.	PH	BLDG. DESC.
									207483		(None)
									SHEET NO.	ISSUE	
									D2 of 4	0	



Roof Fasteners: #14 x 7/8" Self Drilling Screw Laptek – Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

Wall Fasteners: #14 x 7/8" Self Drilling Screw Laptek – Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

Trim Fasteners: #14 x 7/8" Self Drilling Screw Laptek – Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

Liner Fasteners: #14 x 7/8" Self Drilling Screw Laptek – Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

Partition Fasteners: #14 x 7/8" Self Drilling Screw Laptek – Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

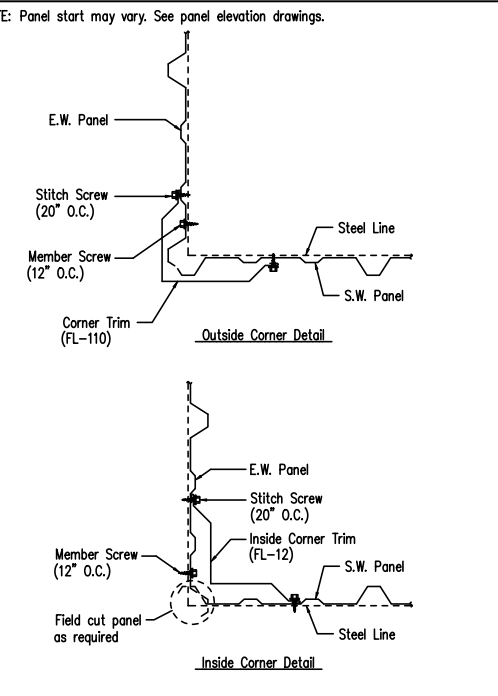
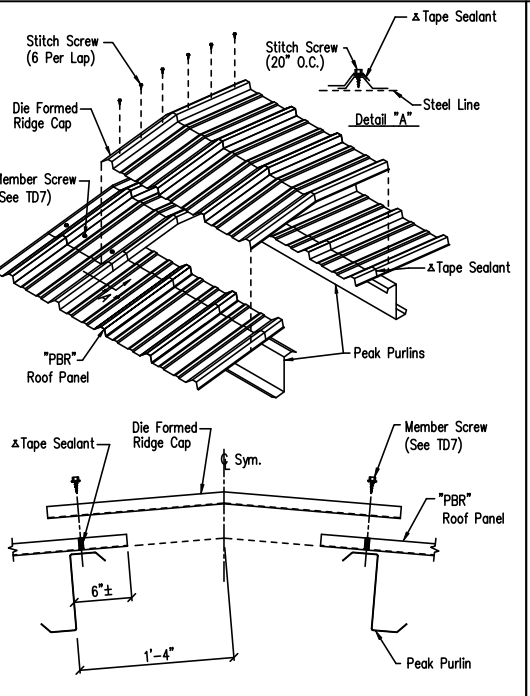
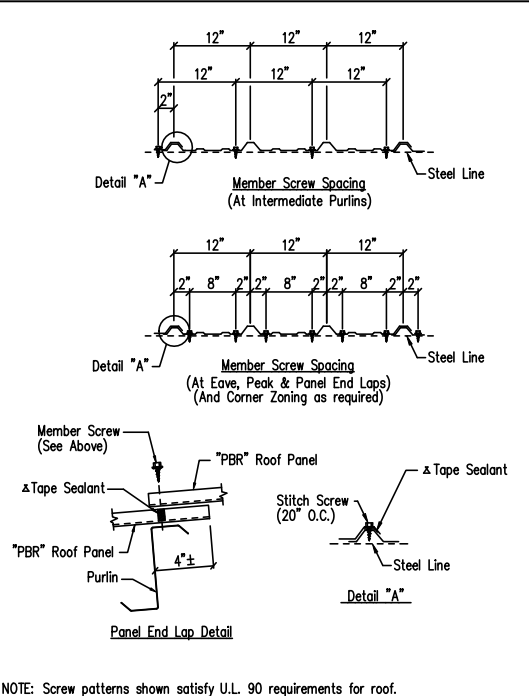
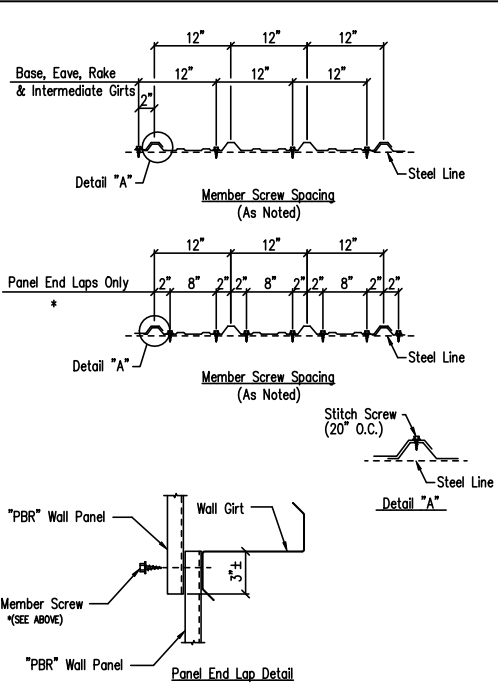
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Long Life Fasteners #12 x 1 1/4" Self Drilling Screw – Member Screw

Steel to Steel Fasteners: #12 x 1" Self Drilling Screw W/O Washer – Member Screw (MS1)

RF1: #10-16 x 1" Self Drilling Screw W/O Washer

NOTE: Refer to Details and Sections for specific screw types, locations, and spacing.

ΔTape Sealant 1" x 3/32" x 45'-0" (RS45-1)



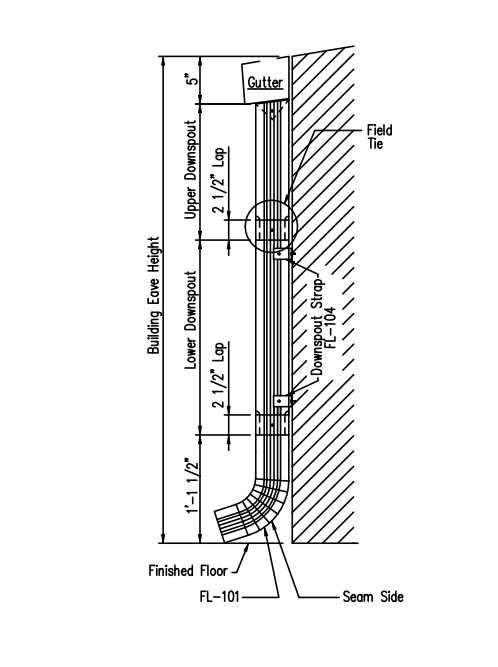
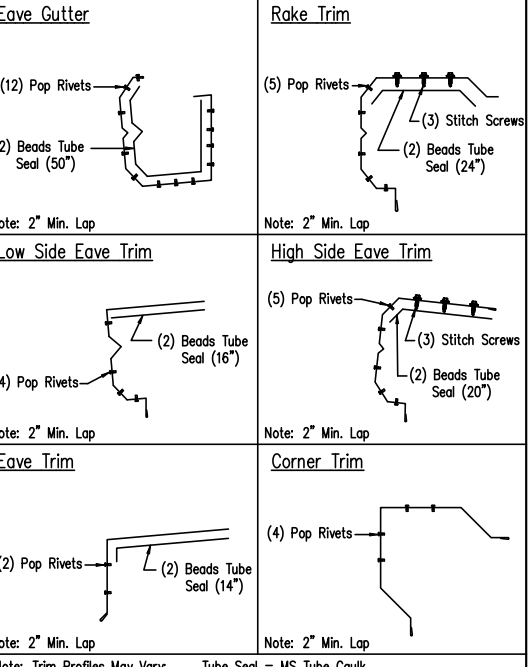
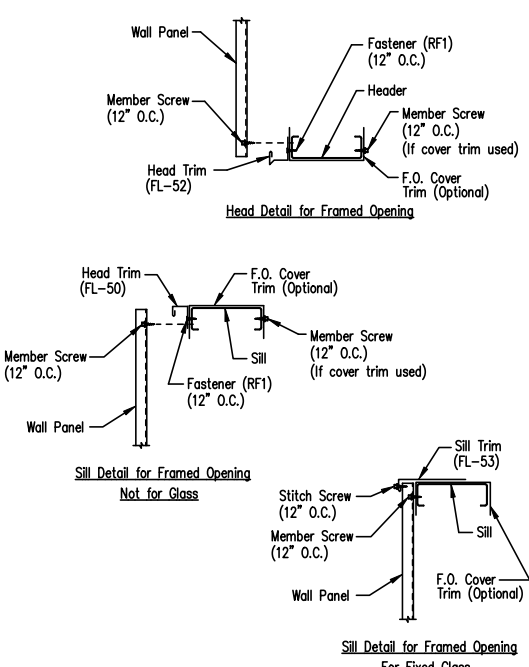
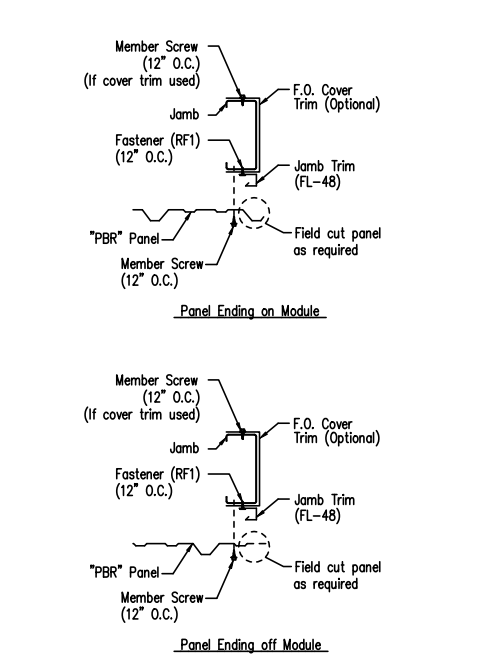
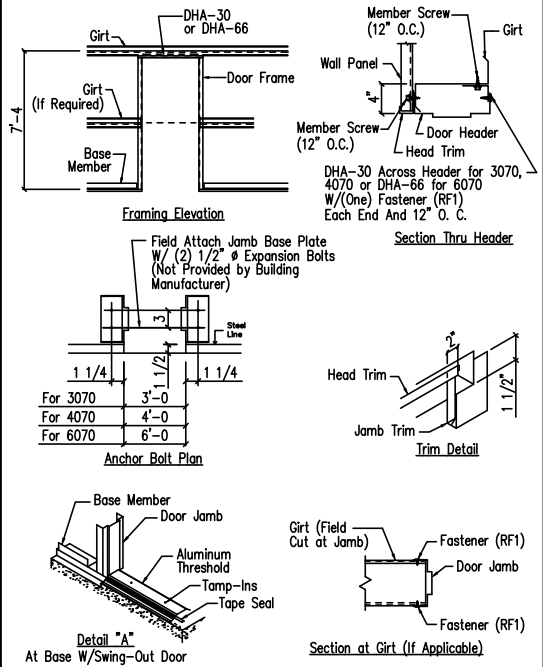
Screw Size Note
DRAWING NO. TD000

Fastener Location "PBR" Panel at Wall
DRAWING NO. TD1

Fastener Location "PBR" Panel at Roof
DRAWING NO. TD7

Die Formed Ridge Detail – PBR
Up to a 3:12 Roof Slope
DRAWING NO. TD8

Section at Corner – PBR
DRAWING NO. TD40



Personnel Doors (Walk Door Sections)
DRAWING NO. TD50

Jamb Detail For Framed Opening
PBR Wall Panel
DRAWING NO. TD51

Framed Opening Head and Sill Details
DRAWING NO. TD52

Trim Laps – Shadow Profile
DRAWING NO. TD88

Downspout Elevation
3 1/2" x 5 3/8" Roll-Form
DRAWING NO. TD90

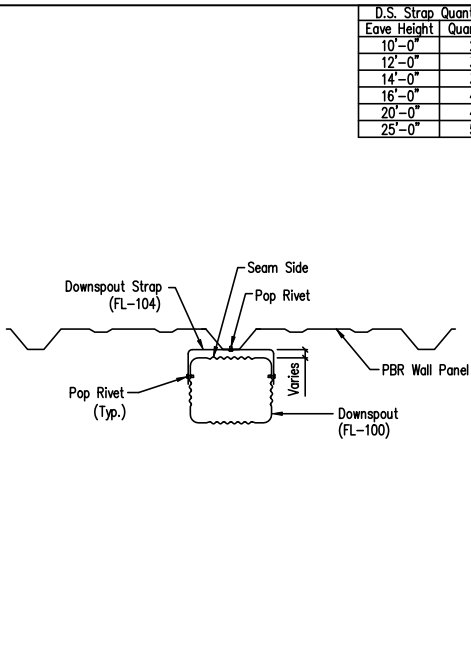
GENERAL NOTES:
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Exp. 12/31/2025

DRAWING STATUS				REVISIONS				INLAND BUILDINGS			
<input type="checkbox"/>	FOR APPROVAL:	NO.	DATE	DESCRIPTION	BY	CK'D		2141 SECOND AVENUE S.W. CULLMAN, AL. 35055			
<input type="checkbox"/>	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	6/16/25	PERMIT FOR CONSTRUCTION	ARG	ARG		PHONE: 800.438.1606			
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<input checked="" type="checkbox"/>	FOR CONSTRUCTION:							DESCRIPTION DETAIL DRAWINGS			
<input type="checkbox"/>	FINAL DRAWINGS.							SIZE REFER TO C1			
								OWNER OR PROJECT Paul D. Williams Hauling			
								CUSTOMER STEELCRAFT CONSTRUCTION			
								JOB SITE LOCATION 2981 BUD HAWKINS ROAD			
								ADDRESS 6746 OLD BEULAH ROAD			
								DUNN, NC 28334-5991			
								JOB NO. 207483			
								PH BLDG. DESC. (None)			
								SHEET NO. D3 of 4			
								ISSUE 0			





High Side Eave Trim

1/2" Trim Lap

1" Trim Lap

Rake Trim

(5) Pop Rivet
(2) Beads Permatherne Tube Sealant (20")
(3) Stitch Screws

High Side Eave Trim

Rake Trim

(10) Pop Rivet

(5) Pop Rivet
(2) Beads Permatherne Tube Sealant (24")
(3) Stitch Screws

High Side Eave to Rake Miter

Gutter

Rake Trim

1/2" Trim Lap

1 1/2" Trim Lap

End Cap

Gutter

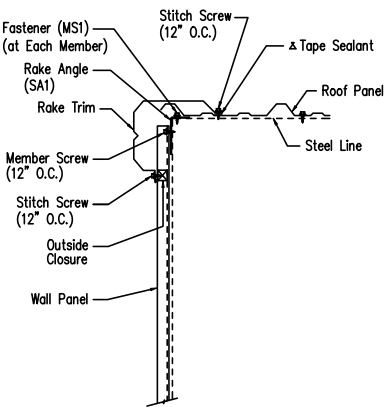
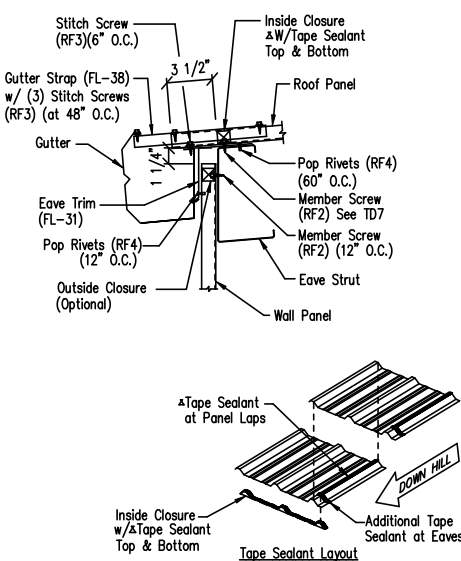
(12) Pop Rivet
(2) Beads Permatherne Tube Sealant (50")
(50) Per Lap

(10) Pop Rivet

(5) Pop Rivet
(2) Beads Permatherne Tube Sealant (24")
(3) Stitch Screws

Gutter to Rake Miter

Locate the Gutter End Cap 1 1/2" from the end of the Gutter. Apply one bead of Permatherne Tube Sealant between the End Cap surface and the Gutter. Attach the End Cap to the Gutter using (12) Pop Rivets. Check to make sure all edges are sealed with Permatherne Tube Sealant. Insert the Gutter into the Rake Trim. Align the mitered edges and attach to the Rake Trim with (10) Pop Rivets.



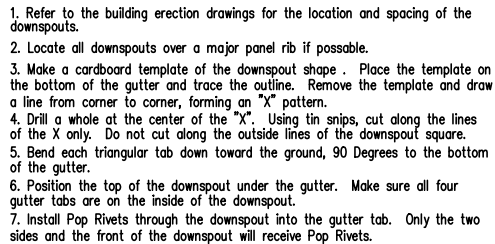
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TD96

DRAWING NO.
TD98

DRAWING NO.
TD302

DRAWING NO.
TD515

DRAWING NO.
TD535



DRAWING NO.
TD595

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<input checked="" type="checkbox"/>	FOR CONSTRUCTION: FINAL DRAWINGS.

[illegible]

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	2141 SECOND AVENUE S.W. CULLMAN, AL. 35055									
	PHONE: 800.438.1606									
	FAX: 800.438.1626									
www.inlandbuildings.com										
DESCRIPTION: DETAIL DRAWINGS					SIZE: REFER TO C1					
OWNER OR PROJECT: Paul D. Williams Hauling					CUSTOMER: STEELCRAFT CONSTRUCTION					
JOBSITE LOCATION: 2981 BUD HAWKINS ROAD					ADDRESS: 6746 OLD BEULAH ROAD					
DUNN, NC 28334-5991					KENLY, NC 27542					
CAD BY ARG	ENGR BY ARG	DATE 6/16/25	SCALE N.T.S.	JOB NO. 207483	PH (NONE)	BLDG. DESC. (NONE)	SHEET NO. D4 of 4	ISSUE 0		

GENERAL NOTES:
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2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Paul D Williams Hauling
Address: 2981 Bud Hawkins Road, Dunn, NC Zip Code 28334
Owner/Authorized Agent: David Bailey Phone # (919) 631 - 1366 E-Mail davidbailey1@earthlink.net
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ☒ County Harnett ☐ State

CONTACT:				
DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE # E-MAIL
Architectural				
Civil				
Electrical				
Fire Alarm				
Plumbing				
Mechanical				
Sprinkler-Standpipe				
Structural - building	Inland Buildings	F. Radfar	010295	
Structural - foundation	Summit Design Group, Inc.	R. Armstrong	025488	(919) 876-0376 rpa@icloud.com
Retaining Walls >5' High				
Gen Construction				

2018 NC BUILDING CODE: ☒ New Building ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core- Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: ☐ Prescriptive ☐ Repair ☐ Chapter 14
Alteration: ☐ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) CURRENT OCCUPANCY(S) (Ch. 3):
RENOVATED: (date) PROPOSED OCCUPANCY(S) (Ch. 3):
RISK CATEGORY (Table 1604.5): Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ☒ II ☐ III ☐ IV

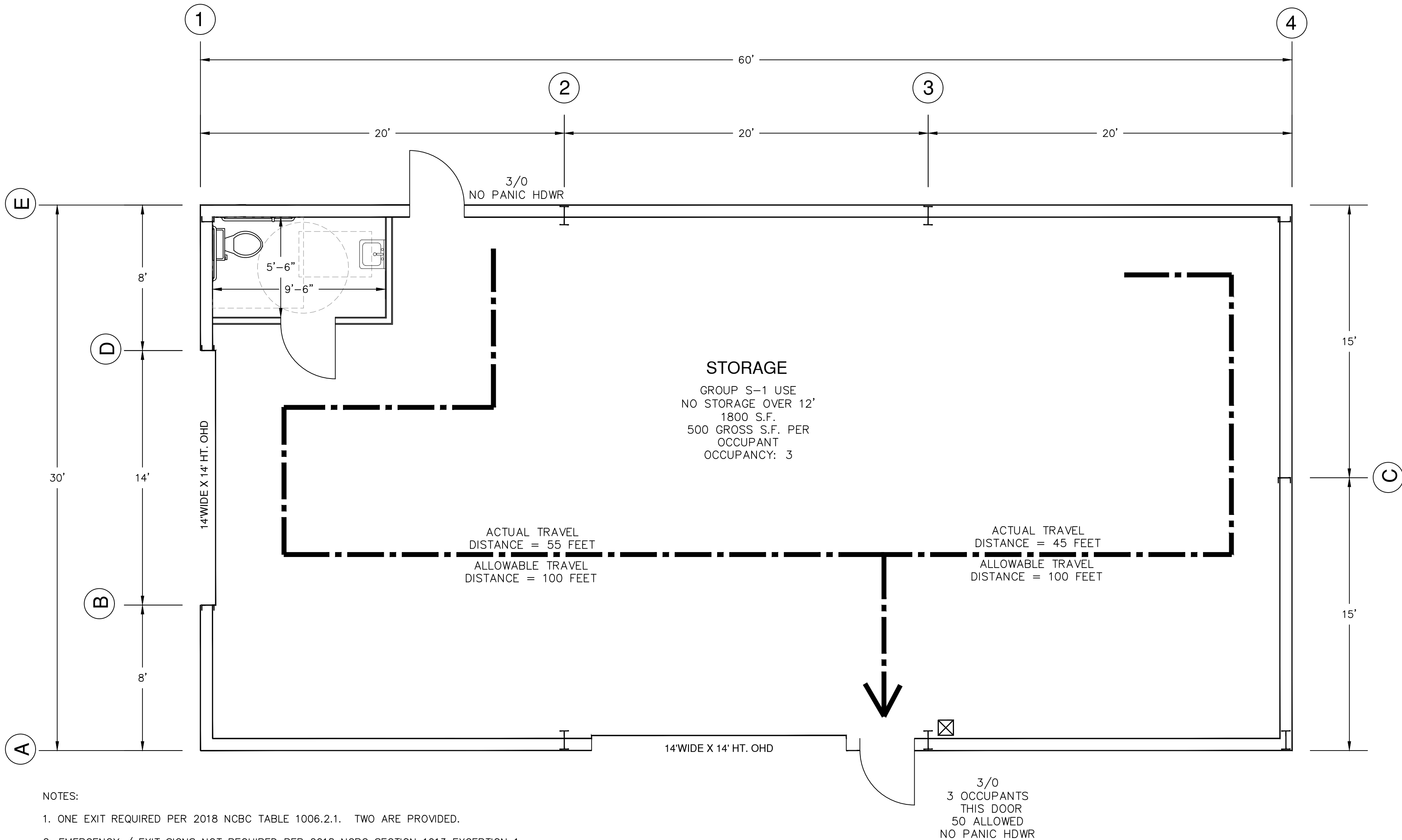
BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ☐ II-B ☐ III-B ☒ V-B
Sprinklers: ☒ No ☐ Partial ☐ Yes ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
Fire District: ☒ No ☐ Yes Flood Hazard Area: ☒ No ☐ Yes
Special Inspections Required: ☒ No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table			
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor		1,800	1,800
Basement			
TOTAL			1,800

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
Business ☐
Educational ☐
Factory ☐ F-1 Moderate ☐ F-2 Low
Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 Condition ☐ 1 ☐ 2
☐ I-2 Condition ☐ 1 ☐ 2
☐ I-3 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
Mercantile ☐
Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
Storage ☒ S-1 Moderate ☐ S-2 Low ☐ High-piled
☐ Parking Garage ☐ Open ☒ Enclosed ☐ Repair Garage
Utility and Miscellaneous ☐

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections):
Mixed Occupancy: ☒ No ☐ Yes Separation: _____ Hr. Exception: _____
☐ Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
☐ Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.



- NOTES:
- ONE EXIT REQUIRED PER 2018 NCBC TABLE 1006.2.1. TWO ARE PROVIDED.
 - EMERGENCY / EXIT SIGNS NOT REQUIRED PER 2018 NCBC SECTION 1013 EXCEPTION 1

☒ TYPICAL TYPE 2-A PORTABLE FIRE EXTINGUISHER LOCATION.
1 TOTAL. 75' MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER

LIFE SAFETY PLAN

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

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2.4 AREA	(C) AREA FOR FRONTAGE INCREASE1.5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED2.3
1	S-1	1,800	9,000	0	9,000

- 1 Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = $100[F/P - 0.25] \times W/30 =$ _____ (%)
2 Unlimited area applicable under conditions of Section 507.
3 Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
4 The maximum area of open parking garages must comply with Table 406.5.4.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40	17'-0"	
Building Height in Stories (Table 504.4) 3	1	1	

- 1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
2 The maximum height of air traffic control towers must comply with Table 412.3.1.
3 The maximum height of open parking garages must comply with Table 406.5.4.

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
NORTH >30'	UP, NS	NO LIMIT	
SOUTH >30'	UP, NS	NO LIMIT	
WEST >30'	UP, NS	NO LIMIT	
EAST >30'	UP, NS	NO LIMIT	

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☒ No ☐ Yes
Exit Signs: ☒ No ☐ Yes
Fire Alarm: ☒ No ☐ Yes
Smoke Detection Systems: ☒ No ☐ Yes ☐ Partial _____
Carbon Monoxide Detection: ☒ No ☐ Yes

USE		WATERCLOSETS			URINALS			LAVATORIES			SHOWERS / TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX		REGULAR	ACCESSIBLE
SPACE	EXIST'G												
	NEW			1						1			
	REQ'D			0						0			

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3) 2	40	17'-0"	
Building Height in Stories (Table 504.4) 3	1	1	

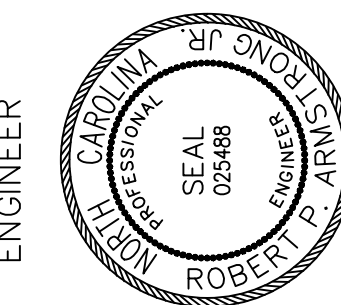
- 1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
2 The maximum height of air traffic control towers must comply with Table 412.3.1.
3 The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	>10	0					
Bearing Walls	N/A						
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls	>10	0					
North							
East							
West							
South							
Interior walls and partitions		0					
Floor Construction Including supporting beams and joists		N/A					
Floor Ceiling Assembly							
Columns Supporting Floors							
Roof Construction, including supporting beams and joists		0					
Roof Ceiling Assembly		0					
Columns Supporting Roof		0					
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other							
Corridor Separation		N/A					
Occupancy/Fire Barrier Separation		N/A					
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		N/A					
Incidental Use Separation		N/A					

* Indicate section number permitting reduction

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DATE: 7/3/25
SCALE: 1/4" = 1'-0"
DRAWN BY: RPA
DESIGNED BY: RPA
CHECKED BY: N/A
PLOT SCALE: N/A
CAD FILE NO: LS-1

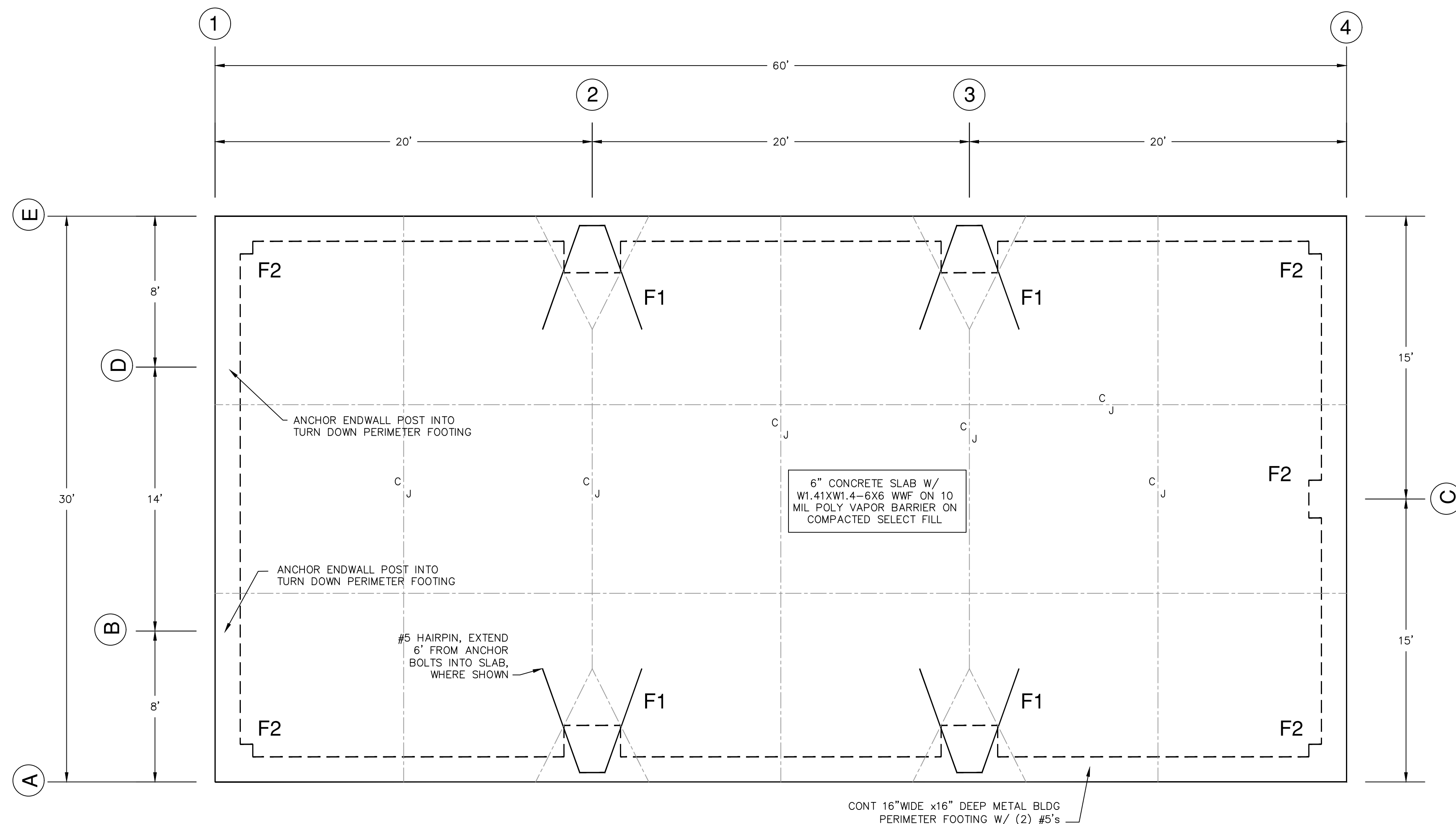
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LIFE SAFETY PLAN & APPENDIX B

NO.	REVISION

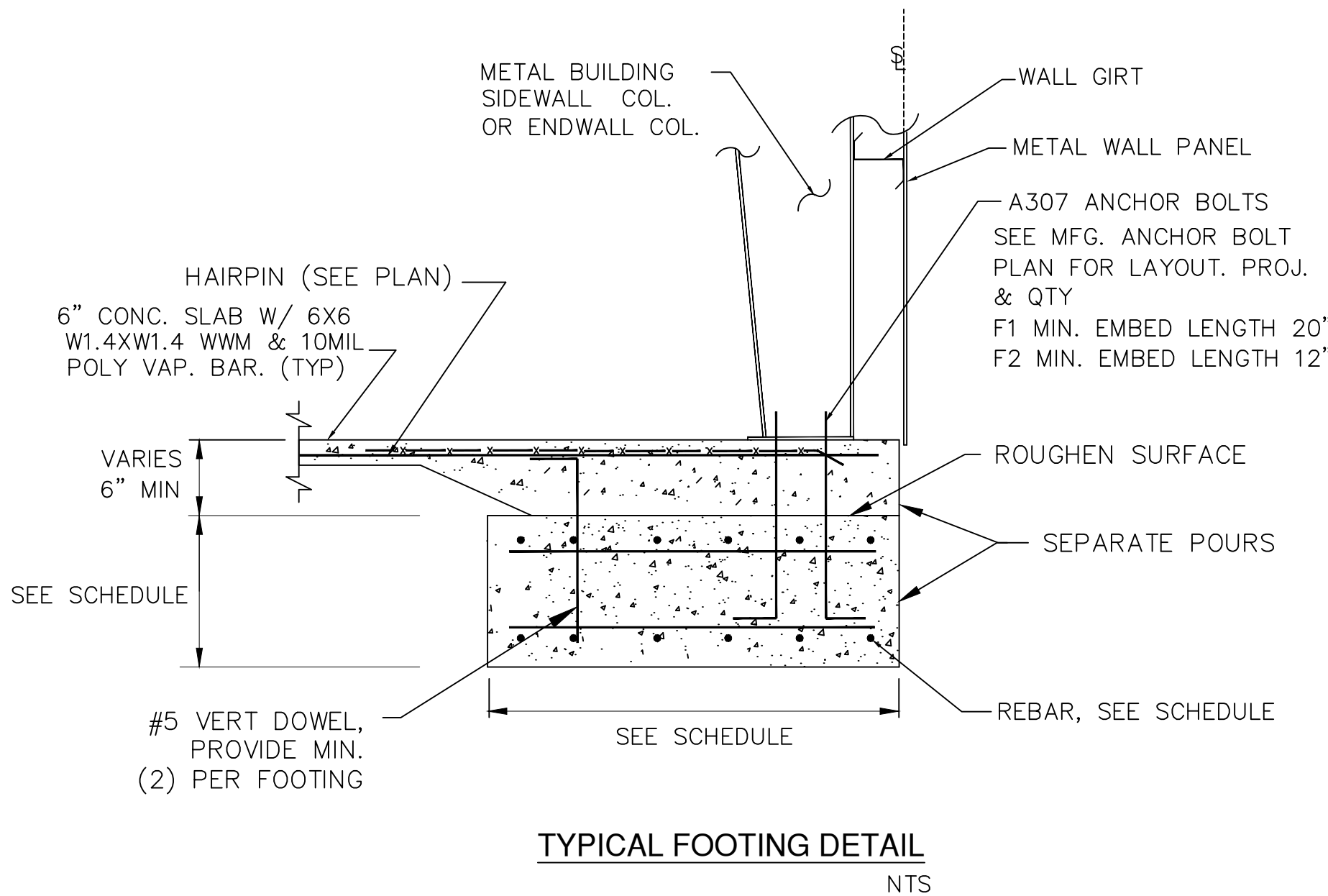
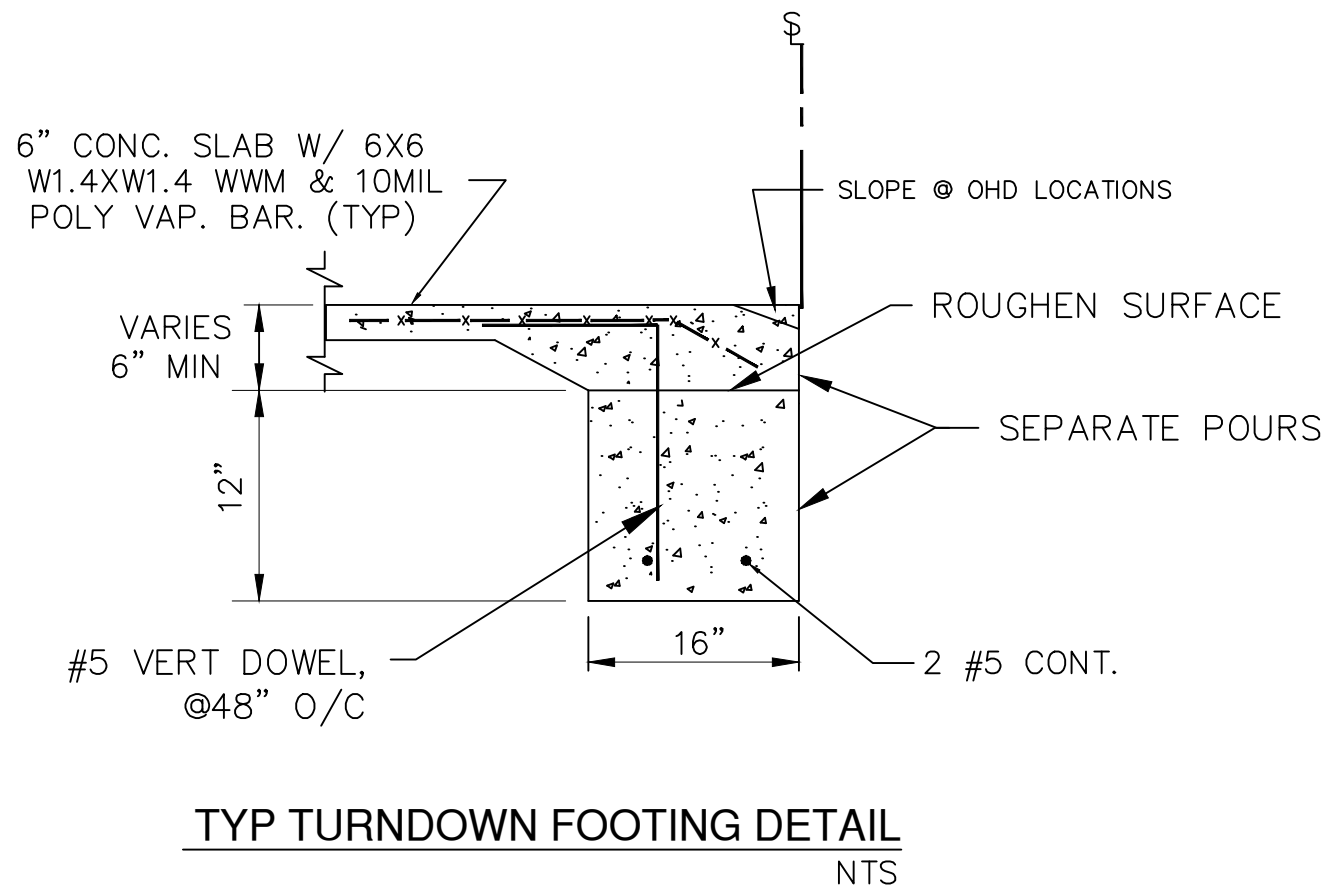
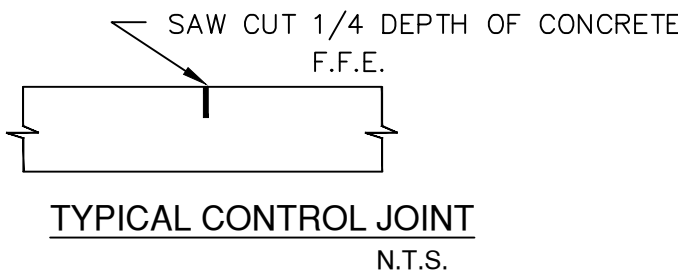
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FOUNDATION PLAN

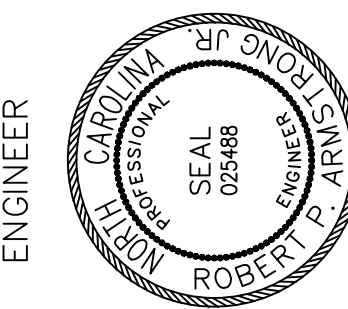
(SCALE: 1/4" = 1'-0")

- NOTES:
- ALL CONCRETE TO HAVE MIN. 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 - CONTRACTOR TO VERIFY ALL DIMENSIONS W/ METAL BUILDING MANUFACTURER'S DRAWINGS.
 - CONCRETE FOOTINGS AND SLAB TO BE PLACED ON COMPACTED SELECT MATERIAL MIN. 98% DENSITY - SELECT FILL PLACED & COMPACTED IN 6" LIFTS. ASSUMED SOIL BEARING CAPACITY = 1500 PSF.
 - CONSTRUCTION JOINTS TO BE SPACED MAX. 10' O/C.
 - SEE MANUFACTURER'S ANCHOR PLANS FOR ANCHOR BOLT LAYOUT, QUANTITY, SIZE & PROJECTION.
 - REINFORCING STEEL SHALL BE 60 KSI, ASTM A 615.
 - SEE MANUFACTURER'S DRAWINGS FOR FRAMED OPENING LOCATIONS.
 - CONT. REINFORCING STEEL SHALL HAVE 24 BAR DIA LAP OR MIN. 12".
 - CLEAR DISTANCE FOR ALL REINFORCING SHALL BE 3", UON.
 - PROVIDE CORNER BARS AT ALL FOOTING CORNERS. CORNER BARS SHALL HAVE THE SAME SIZE AND SPACING AS MAIN REINFORCING AND SHALL HAVE A MIN 48" LAP.
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 & A 82.
 - FLOOR LIVE LOAD DESIGN = 125 PSF
 - FOUNDATION DESIGN BASED ON ANCHOR BOLT REACTIONS PROVIDED BY METAL BLDG MFR & THE 2018 NC BUILDING CODE, 120 MPH ULTIMATE DESIGN WIND SPEED.
 - FOOTING AND SLAB SHALL BE POURED SEPARATELY.
 - FLATNESS AND LEVELNESS IN ACCORDANCE W/ ACI 117 FF35/FL25



FOOTING	WIDTH	LENGTH	DEPTH	REINFORCEMENT
F1	3'-0"	3'-0"	2'-0"	(3) # 5, EA. WAY, TOP & BOTTOM
F2	2'-0"	2'-0"	1'-4"	(3) # 5, EA. WAY, BOTTOM ONLY

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FOUNDATION PLAN

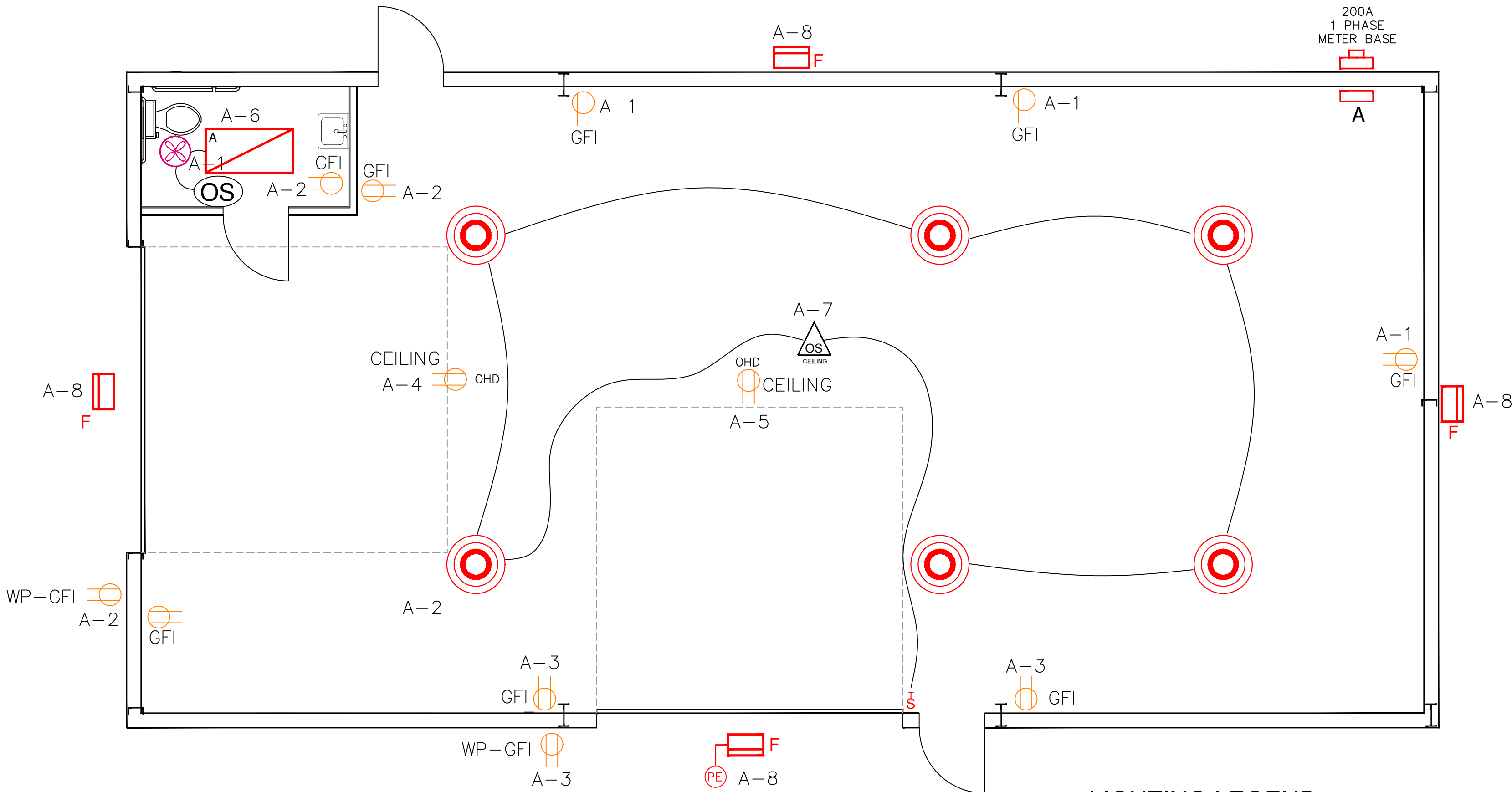
NO.	REVISION
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S-1

PANEL A
BUS SIZE 200 A
MAINS 200 MAIN
MOUNTING SURFACE
HI VOLTAGE 240 V SINGLE PH
LOW VOLTAGE 120 V SINGLE PH
ISO GRD BUS YES
GROUND BUS YES
AIC RATING 22,000

TOTALS	VA
A	4870
B	4240
TOTAL	9110 VA
	38 AMPS

NO.	BRK	CIRCUIT DESCRIPTION	Aph VA	Bph VA		Aph VA	Bph VA	CIRCUIT DESCRIPTION	BRK	NO.
1	20	Warehouse Receptacles	1600			1200		Warehouse Receptacles	20	2
3	20	Warehouse Receptacles		1560			720	Overhead Door	20	4
5	20	Overhead Door	720			1350		Bathroom Lights & Fan	20	6
7	20	Warehouse Lights		880			1100	Wall Packs	20	8
9	20	Spare						Spare	20	10
11										12
13										14
15										16
17										18
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39										40
41										42
TOTALS			2320	2420		2550	1820			



POWER & LIGHTING PLAN

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

LIGHTING LEGEND

- WILLIAMS PTF L45 SURFACE MOUNT LED FLAT PANEL
- UFO ROUND HIGH BAY E-HBR SERIES, 14,000 LUMENS, 500K LED
- LITHONIA TWX2 LED EXTERIOR WALL PACK
- 20A, 120V, OCCUPANT SENSOR SWITCH- 48" AFF
- CEILING MOUNTED OCCUPANT SWITCH, 20A, 120V

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT SEE ELECTRICAL DRAWINGS

Method of Compliance:

Energy Code: ☒ Prescriptive ☐ Performance
ASHRAE 90.1: ☐ Prescriptive ☐ Performance

Lighting schedule (each fixture type)

lamp type required in fixture	LED
number of lamps in fixture	Multiple LED
ballast type used in fixture	
number of ballasts in fixture	
total wattage per fixture	94w (each fixture type)
total interior wattage specified vs. allowed	900w vs 1,720w
total exterior wattage specified vs. allowed	200w vs 800w

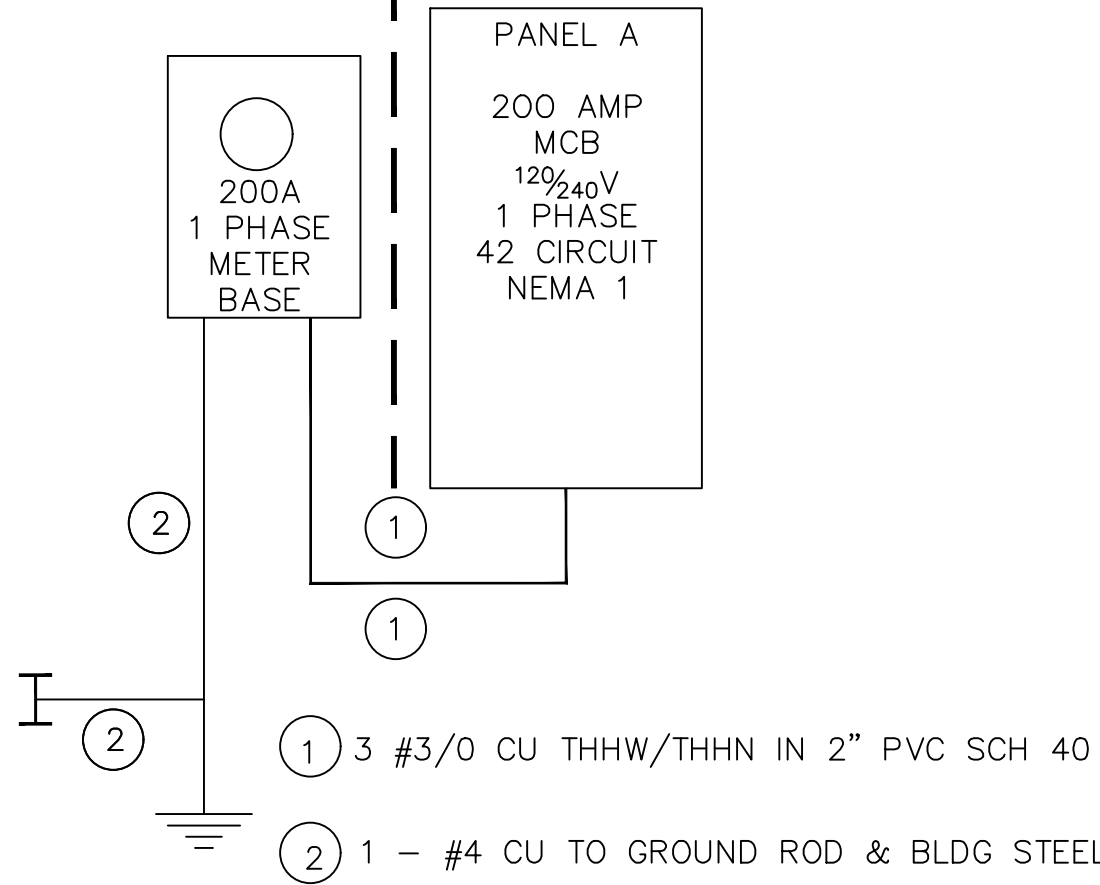
Additional Prescriptive Compliance:

☐ 506.2.1 More Efficient Mechanical Equipment
☒ 506.2.2 Reduced Lighting Power Density
☐ 506.2.3 Energy Recovery Ventilation Systems
☐ 506.2.4 Higher Efficiency Service Water Heating
☐ 506.2.5 On-Site Supply of Renewable Energy
☐ 506.2.6 Automatic Daylighting Control Systems

GENERAL NOTES

- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND WORK WITH OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO THE INSTALLATION OF HIS EQUIPMENT SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW OPTIMUM MAINTENANCE AND WORKING SPACE.
- USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPARATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT.
- ALL FUSES, DISCONNECT SWITCHES, AND BREAKERS SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT, WITH THE SUPPLIER AND THE MECHANICAL CONTRACTOR.
- ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE, LOCAL AND NATIONAL CODES AND ORDINANCES AND THE LATEST EDITION OF THE NEC.
- EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE COORDINATED WITH THE ARCHITECT, PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK AND MILLWORK TO BE FURNISHED.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS, UNLESS NOTED OTHERWISE BY OTHER DISCIPLINES. COORDINATE CLOSELY.
- WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THE SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER. SUBMIT DETAIL OF PROPOSED SEALING METHODS.
- ALL PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID BY THE ELECTRICAL CONTRACTOR.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE COMPLETE UPDATED PANEL SCHEDULES FOR ALL PANELBOARDS.
- AS BUILT DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE COMPLETION OF THE CONTRACT.
- THE CONTRACTOR SHALL VERIFY THE CEILING TYPES WITH THE GENERAL CONTRACTOR PRIOR TO THE PURCHASE OF ANY LIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDED FOR ALL FIXTURES. ANY DIFFERENCES WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE INSTALLATION OF THE NEW UNDERGROUND ELECTRICAL SERVICE WITH THE LOCAL UTILITY.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE LOCATION OF HIS TELEPHONE CONDUIT STUB OUTS WITH THE LOCAL TELEPHONE COMPANY PRIOR TO HIS INSTALLING ANY CONDUITS.
- ALL WIRE SIZES INDICATED ON THE PANEL SCHEDULES ARE BASED ON 75 DEGREE COPPER THHN/THWN WIRE. ALL WIRE TERMINALS AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR 75° C.
- MIN. CONDUIT SIZE SHALL BE 1/2" AND MIN. WIRE SIZE SHALL BE #12 AWG.
- METAL-CLAD CABLE (TYPE MC) AND ARMORED CABLE (TYPE AC) IS AN ACCEPTABLE WIRING METHOD SUBJECT TO RESTRICTIONS OF THE NEC. TYPES "MC OR AC" CABLE SHALL NOT BE USED WHEN PENETRATING RATED WALLS.
- THE MAX. NUMBER OF HOMERUNS IN A CONDUIT SHALL NOT EXCEED 3.

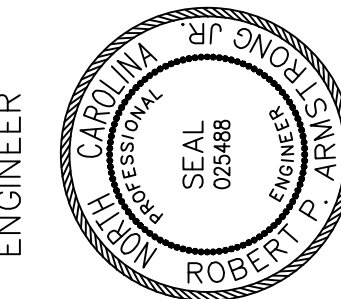
EXTERIOR ← → INTERIOR



ELECTRICAL SERVICE RISER

(NTS)

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PLOT SCALE: N/A
CAD FILE NO: E-1

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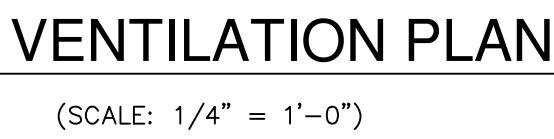
2981 BUD HAWKINS ROAD, DUNN, NC

POWER & LIGHTING PLAN

NO.	REVISION

SHEET


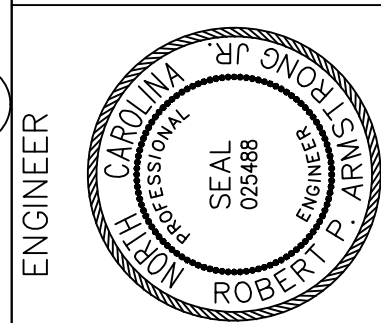
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NO.	REVISION
SHEET	
M-1	

PAUL D WILLIAMS HAULING
2981 BUD HAWKINS ROAD, DUNN, NC
VENTILATION PLAN

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DATE:	7/3/25
SCALE:	1/4" = 1'-0"
DRAWN BY:	RPA
DESIGNED BY:	RPA
CHECKED BY:	
PLOT SCALE:	N/A
CAD FILE NO:	M-1



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Inland Buildings
2141 Second Ave SW
Cullman, AL 35055
Toll Free: (800) 438-1606
Office: (256) 739-6827
H.R. Fax: (256) 739-6855
Main Fax: (800) 438-1626
Web: www.inlandbuildings.com

STEELCRAFT CONSTRUCTION
6746 OLD BEULAH ROAD
KENLY, NC 27542

FRED F. RADFAR P.E.
30 WINDERMERE LANE
HOUSTON, TEXAS 77063
fred@radfarpe.com
NORTH CAROLINA LICENSE #010295 , Exp. 12/31/2025

JOB NUMBER: 207483
BUILDING SIZE: 30.00' x 60.00' x 16.00' (1.0:12)

JOBSITE: 2981 BUD HAWKINS ROAD
DUNN, NC 28334-5991

Gentlemen:

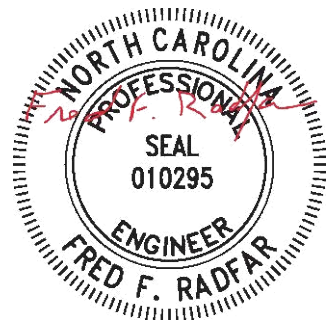
This is to certify that the above referenced project, along with its component parts, has been designed and fabricated by INLAND BUILDINGS

In addition to all applicable order documents, this structure has been designed in accordance with the appropriate edition of the AISC "Manual of Steel Construction" and with good engineering practice for the following loads. All welding has been completed per the appropriate American Welding Society (AWS) code.

Governing Code for application of design loads: NCBC 18

IMPORTANCE FACTORS: WIND: N/A SNOW: 1.000 SEISMIC: 1.000
DEAD LOAD _____ Weight of metal building structure only as supplied by INLAND BUILDINGS

COLLATERAL LOAD	1.00 PSF
LIVE LOAD	20.00 PSF - Tributary area reduction allowed? Yes
WIND LOAD (V 3S)	N/A
WIND LOAD (Vult & Vasd)	120 MPH , 92.9515228271484 MPH
OCCUPANCY / RISK CATEGORY	II - Normal
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	+ / - 0.18
SITE CLASS	D
SEISMIC DESIGN CATEGORY	C
SPECTRAL RESPONSE ACCELERATIONS	S _s = 0.1810 S ₁ = 0.0850
GROUND SNOW LOAD (Pg)	10 PSF
ROOF SNOW LOADS, FLAT (Pf), SLOPED (Ps)	7.70 PSF, 7.70 PSF
MIN. SNOW (LOW SLOPE) (Pmin.)	10 PSF



This Letter of Certification applies solely to the metal building and its component parts as furnished by INLAND BUILDINGS and specifically excludes any foundation, masonry, or general contract work.

Sincerely

Design Engineer