



Project Name: E & M Concrete
Project Address: 308 Jarco Drive, Fuquay-Varina, NC 27526
Chief Order No.: B3025326
Date: 8/28/25
Rev.: 0

RESULT OF INSPECTION:

☐ PASS

☐ FAIL

☒ PASS AS NOTED

To Whom it May Concern,

Built, LLC, a North Carolina Company, performed a visual onsite inspection on the newly built pre-engineered metal building located at 308 Jarco Drive, Fuquay-Varina, NC 27526 on the structural members and bolted connections at this location. This inspection reviewed the (6) frame lines, the girts on the endwalls of the building, the girts on the sidewall of the building, the purlins creating the roof framing, the tension wind bracing in the walls and ceiling, the anchor bolts, and the door/window framing shown in the plans (DETAILS).

During this inspection, the inspectors verified all structural parts of the (6) frame lines were installed in the correct locations per their part numbers and all specified bolts were of the correct diameter, length, and grade as well as in the correct locations. All anchor bolts were inspected in order to verify that the correct hardware was used in the correct configuration and that all anchor bolts were tightened to the baseplate to the specified torque. The anchor bolt projection was slightly less than required on column EC-7 on Frame Line 6. 3 of the 4 anchor bolts for this column do not have full engagement of the nut. A puddle weld was used for the (3) anchor bolts to reinforce the connection of the top of the bolt to the nut. As built condition was approved by a NC licensed engineer and approval letter "Appendix B" attached to this report. All bolts, including the structural connection bolts to the roof joists as well as the lower strength girt connection bolts, were verified by the inspector to be in snug tight condition at minimum. While inspecting the frame lines all wall girt lines were inspected around the building to ensure correct installation location per the part numbers and bolts of the correct diameter, length and grade were installed at the correct location. Finally, all the small bracing members and wind bracing were inspected for location and proper installation technique based on type and purpose.

Photo documentation was also taken of all bolts that could be accessed via camera and these photos can be found in "Appendix C" of this report.

It is the opinion of this inspection that the structural steel package for this building was correctly installed per the manufacturers and designers' specification and will perform as designed. Having taken no part in the design of this building the inspector and Built, LLC is not liable for the performance of this building. Furthermore, Built, LLC and any inspection stamping engineer are not liable for this building beyond the date of inspection as additional work will be completed on the structure, with this being the case it is possible that changes will occur to the previously reviewed portion of the structure. No additional decisions will be made based on this inspection without the prior approval of the inspector and Built, LLC beyond the intended purpose of a third-party Building Permit Bolt Inspection.

Thanks,

Paul M White, Jr

Paul M. White Jr. PE, CWI





Project Name: E & M Concrete
Project Address: 308 Jarco Drive, Fuquay-Varina, NC 27526
Chief Order No.: B3025326
Date: 8/28/25
Rev.: 0

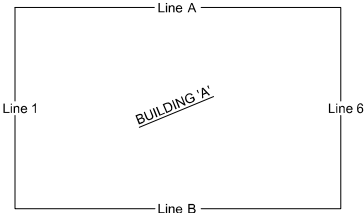
APPENDIX A

For Construction Drawings

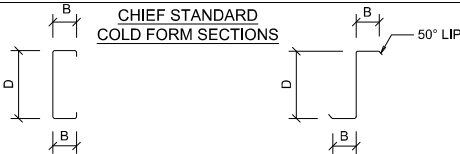
BUILT

BLDG. "A"	Line B	Line A	Line B	Line A	Downspout	Downspout
Width	Length	Height	Height	Roof Pitch	Roof Pitch	Drops Line B
80'-2"	140'-2"	20'-0"	20'-0"	2.0:12	2.0:12	4

TABLE OF CONTENTS	
COVER PAGE	C1-C1
GENERAL INFORMATION	G1-G3
ANCHOR ROD PLAN	A1-A3
PROJECT NOTES	N1-N1
CROSS SECTION	CS1-CS2
ROOF FRAMING	RF1-RF3
ROOF PANEL	RP1-RP1
SIDEWALL	S1-S4
ENDWALL	E1-E4
DETAILS	D1-D13
GENERAL DETAILS	GD1-GD7
STANDARD PARTS	SP1-SP2



KEY PLAN



DESIGNATION	D	B
816	8.00	3.00
814	8.00	3.00
812	8.00	3.00
1014	10.00	3.50
1012	10.00	3.50

DESIGNATION	D	B
816	8.00	2.50
814	8.00	2.50
812	8.00	2.50
1014	10.00	2.75
1012	10.00	2.75

STANDING SEAM ROOF
PANEL ERECTION MANUAL: [MSC V7](#)

Roof Panel:	Ordered Options:
Type: MSC	Base Condition: Base Cee- Base Trim /Drip Edge
Gage: 24	Base Trim Color: Galvalume (GM)
Color: Galvalume (GM)	Wall Mastic: No
	UL Rating: Yes, UL90
Wall Panel:	Sidewall Eave Trim Type: Standard Profile Gutter
Type: AP	Eave Trim Color: Antique Bronze (AQ)
Gage: 24	Gable Trim Color: Antique Bronze (AQ)
Color: Galvalume (GM)	Downspout Type: Corrugated
	Downspout Color: Antique Bronze (AQ)
	Elbows at Bottom of Drops: Yes
	Corner Trim Color: Galvalume (GM)
	Framed Opening Trim Color: Antique Bronze (AQ)
	Light Transmitting Panels: Roof = None
	Wall = None

Framing:
Purlin Type: ZEE
Girt Type: ZEE CEE

CHIEF STANDARD PROFILES	
STC Panel	AP Panel
MSC Panel	CS Panel
MVF/MVP-PANEL	FSP-PANEL


IAS ACCREDITED
Chief Buildings, a Division of Chief Industries, Inc., is certified as an Approved Fabricator recognized under section 1704.2.5.1 of the 2015, 2018, and 2021 IBC, section 1704.2.5.2 of the 2012 IBC and section 1704.2.2 of earlier code editions in accordance with the International Accreditation Service, Inc., Accreditation Criteria for Inspection Programs, AC472 (Certificates of Accreditation: MB-123 & MB-124).

REVISIONS	
4	Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.
3	
2	
1	

Chief Buildings
P.O. Box 2078, Grand Island, NE 68802-2078
(308) 365-7285 info@chiefind.com



03/11/2025

Drawing	COVER PAGE			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	C1
	BD	ALI	B3025326	C1
	2/10/25	3/6/25		



TO BE
USED FOR
CONSTRUCTION

Quality Assurance Policy

The following Quality Assurance Policy is comprised of a list of guidelines and procedures to expedite customer service requirements in the field. Chief's objective is to produce a first-class product and back it up with the best customer service in the industry.

The Quality Assurance Policy has been developed over the last fifty years and is based on handling customer service in the field. These guidelines will simplify the communication process and expedite any special requirements needed to make your project run as smooth as possible.

Common Industry Practices:

The correction of minor misfits by the use of drift pins to draw the components into line, shimming, moderate amounts of reaming, chipping and cutting, and the replacement of minor shortages of material are a normal part of erection and are not subject to claim.

Chief will not pay claims unless the following claim and authorization procedure is strictly followed by the Builder, or if the correction work is started prior to receipt by Builder of Chief's written "Authorization of Corrective Work". If erection is not by the Builder, the Erector is responsible for providing the Builder with the information necessary to make the claim to Chief as provided below.

Chief is not responsible for any claim resulting from the use of any drawings or literature not specifically released for the components purchased for the project.

Chief is not responsible for any claim resulting from the use by the Erector of any improper material or material containing defects that can be detected by visual inspection. Claims for disassembling such improper or defective material and costs of erecting replacement material are not allowed.

Before you contact Chief:

- Please have the following information ready before you call, or provided in an e-mail.
- 1. Chief's order number for your project. This information is available from the drawings or the Shipping Papers.
 - 2. Page numbers and detail callouts from the drawings.
 - 3. Part marks.
 - 4. Line numbers.
 - 5. Contact Information (Name, Company, return Phone Number and e-mail address):

Questions?
Our Customer Service team is here to help!
Contact us at 308-389-7289
You can also contact us via e-mail at **cs@chiefind.com**
or use the QR code to start an e-mail.

Tim Dykes
Brett Neilson

Lyle Miller
Rusti Register
Terence Flowers



Shortage and Damage Claims

Chief personnel checks off all components on the order prior to shipment. However, it is imperative that the Builder checks each shipment against the Shipment Delivery Note to ensure that the shipment is complete and no damage has occurred. A Shipment Delivery Note and Bill of Lading will be provided with each load.

A full set of Shipping Papers, Erection Drawings, Chief Buildings standing seam erection manuals, Safety Data Sheets (SDSs) and other important documents that will aid you in erecting your project are located in a Resale Box that says "DOCUMENTS ENCLOSED".

Checking the Shipment Delivery Note:

The Shipment Delivery Note will contain the contents of each load delivered to the jobsite. Each individual item or bundle should be checked against the Shipment Delivery Note. Each bundle will have a packing list or bundle tag that lists the mark numbers, quantities and weight of the bundle. The packing list should remain with each bundle to identify individual pieces.

- Columns, rafters, posts, beams and other structural members are individually marked.
- Angle flange braces are individually marked and bundled with a packing list. The part description on the Shipping Papers contains the size and length of the angle along with the bolt-up standard for that piece mark.
- Sag angles are individually marked and bundled with a packing list. If there is a bundle of the all the same mark number, only the top angles are marked and common piece marks are color coded on one end. The part description on the Shipping Papers contains the angle size and length in inches.
- Rod bracing are individually marked (CB) and bundled with a packing list. The part description on the Shipping Papers contains the cable or rod diameter and length in inches.
- Girts and purlins are individually marked and bundled with a packing list. The part description on the Shipping Papers contains the member size and length in inches.
- Panel is only identified with a packing list. The piece mark on the packing list includes the length of the panels in inches. The part description on the Shipping Papers contains the color and panel type - "CS" or "AP".
- Bolting clips are individually marked and packaged in boxes with a packing list. Standard bolting clips can also be identified with dimensioned drawings found in the Standard Parts pages of the Chief Buildings Erection Drawings. Special plates will have a part drawing included with the erection drawings.
- Trims are individually marked and packaged in boxes with a packing list. Standard Trims can also be identified with dimensioned drawings found in the Standard Parts pages of the Chief Buildings Erection Drawings. Special Trims will have a part drawing included with the erection drawings. The part description on the Shipping Papers contains the length and colors of trim pieces.
- Bolts, nuts, screws, mastics and other miscellaneous items are packaged in resale boxes. A packing list is attached to each box that describes the contents.

Shortage and Damage Claims (Continued)

Missing or Damaged Parts:

Any missing or damaged items are to be noted on the carrier's Bill of Lading. Chief is to be notified immediately.

Concealed shortages must be reported to Chief during the following period dating from receipt of the first load:

- One load job = 2 weeks
- Two load job = 3 weeks
- Three load job = 4 weeks
- Four load job = 5 weeks
- Five load job = 6 weeks
- Six load job = 7 weeks
- Seven or more load job = 8 weeks

Chief's responsibility for shortages expires at the end of these notification periods.

Replacement Shipment:

Maximum effort will be made by Chief to ship replacement components as quickly as possible. Chief will attempt to ship standard components fabricated in its building plants within 48 hours and stock items will be ready to ship in 24 hours.

When a shortage is determined, the Builder needs to notify Chief's Customer Service Department of the issue, Chief's Order Number and complete information describing the parts required must be conveyed at this time.

Chief will act immediately to get the parts to the Builder and responsibility for the problem will be determined later.

After the problem has been corrected, Chief will determine where the responsibility lies. If it is Chief's error, Chief will provide the replacement material at no cost. Otherwise, Chief will invoice accordingly.

Transit Damage:

Normal damage can occur during transit. Chief supplies touch-up paint for such cases. However, if excessive damage occurs, the following procedure will be observed:

Material damage (transit or otherwise) should be noted on the carrier's Bill Of Lading. Failure to note the damage on the Bill Of Lading will result in the Builder having to file the freight claim and Chief may charge the Builder for the replacement material.

White Rust:

All panels shipped from Chief's building plants are in good condition.

Chief bundles and/or boxes of components are only for protection during transit. This packaging is not intended for protection during storage.

Panels must be stored so air can circulate freely. Trapped moisture may cause discoloration or white rust. Refer to the "Unloading Procedures" in the General Information page of the Chief Buildings Erection Drawings.

Primer:

Chief's shop primer is a rust inhibiting gray modified acrylic primer. This primer is intended to protect the steel only for short periods of exposure to ordinary atmospheric conditions. In addition, shop primer does not provide the uniformity of appearance, or the durability of a field applied finish coat of paint over a shop primer.

The Builder must ensure that the primed material is stored in such a manner that water, snow, ice and other debris are not allowed to pond in the members. If primed material is to be top coated with other paint, compatibility tests must be performed by the Builder to ensure acceptable results. These compatibility tests should cover a cross-section of members (clips, angles, purlins, girts, columns, rafters, beams, flange braces, etc.) as different primers may be used on different members.

Ice and snow melt chemicals that DOTs use are extremely corrosive to the steel and should be cleaned off at the earliest convenience.

Panel Bundles:

Chief's standing seam panels will be sent at a maximum length of 52' unless otherwise directed. Any bundles over 30' in length MUST be unloaded with a spreader bar. Additional handling and storage recommendations are included in the erection manuals.

Authorization for Returning Merchandise

The authorization must be obtained from Chief's Customer Service Department before merchandise may be returned for credit. Returned merchandise shall be limited to resale type items (i.e. fasteners, closures, etc.) at Chief's sole discretion. Chief retains the prerogative to allow or disallow the return of merchandise.

Builder must contact Chief's Customer Service Department with a description of the merchandise and the reason for their request.

When authorization has been granted, an authorization form will be sent to the Builder along with a pre-numbered tag to attach to the merchandise being returned. A 15% re-stock charge may be assessed on all merchandise which is authorized to be returned.

Special Order Merchandise:

Special merchandise ordered, such as special doors, windows, vents, fasteners, etc., may not be returned for credit.

Replacement Items:

All merchandise shipped will be invoiced to the Builder. This includes parts sent to replace merchandise which has been authorized for return to Chief.

Credit will be issued to the Builder's account when the returned merchandise has been accepted by Chief. Chief may refuse to credit your account if the returned merchandise is not in good condition.

Field Modifications

Notification of Field Problems:

The initial claim must be made promptly by either written or verbal notification to Chief's Customer Service Department. Any verbal notification must be followed up in writing within 7 days. The initial claim must include:

- 1. Description of nature and the extent of the errors, including quantities.
- 2. Description of nature and the extent of proposed corrective work, including estimated man-hours and costs.
- 3. Material to be purchased from other than Chief, including estimated quantities and costs.
- 4. Maximum total cost of proposed corrective work and material to be purchased from other than Chief.

If necessary, Chief may request pictures, field measurements, or other information that will aid in helping to solve the problem.

Authorization MUST be obtained from Chief's Customer Service Department in writing before field modification is made. Authorization identifies the problem and allows Chief to participate in arriving at a solution, it does not assign fault or liability.

Chief cannot be responsible for structures which have been modified without specific authorization. Any such action may void warranties.

Backcharge Procedure:

All backcharges must be submitted within 14 (fourteen) days after completion of the corrective work for which prior approved authorization has been given. Failure to submit the backcharge within this time limit will negate Chief's obligation to pay said charges.

Information Required for Submitting the Final Claim:

- 1. Chief's Order Number.
- 2. Actual man-hours by date of direct labor use on corrective work and hourly rates of pay.
- 3. Cost of material (not minor supplies) authorized by Chief to be purchased from other than Chief, including copies of paid invoices.
- 4. Total actual direct cost of corrective work (sum of 2 and 3).
- 5. The cost of equipment (rental or depreciation), small tools, supervision, overhead and profit are not subject to claim. This includes crane and lift charges.

Looking For Jobsite Resources?

Erector's Toolbox

Snap QR code
or
use web address below

<https://secure.chiefind.com/mychief/>

Username: **information@chiefind.com**
Password: **gbr2021**

TO BE
USED FOR
CONSTRUCTION


Safety Data Sheets

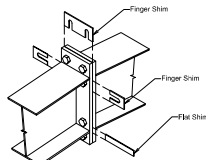
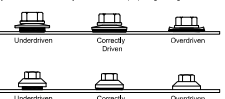
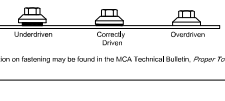
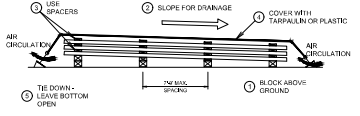
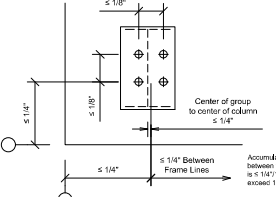
Snap QR code
or
use web address below

<https://chiefbuildings.cld.bz/Safety-Data-Sheets-SDS>

Note: This drawing is not sealed/signed by engineer as it does not contain project specific information thus is not considered a "technical submission".

RELEASED	12-20-24
SUPERSEDES	03-08-24

Drawing	QUALITY ASSURANCE POLICY			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	G1
	BD 2/10/25	ALI 3/6/25	B3025326	G3

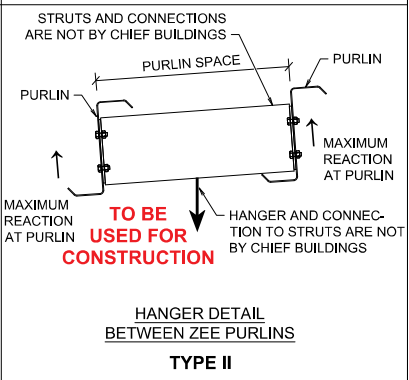
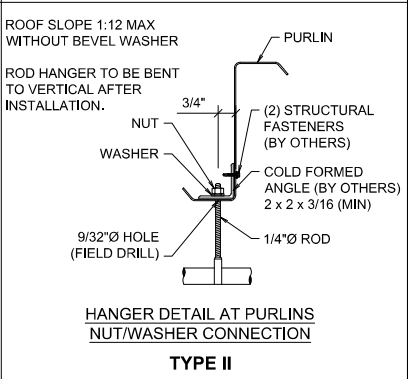
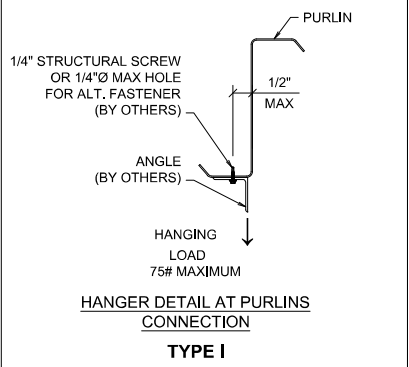
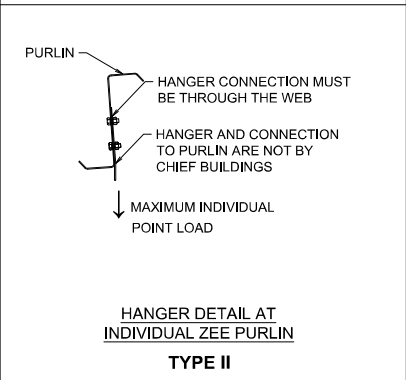
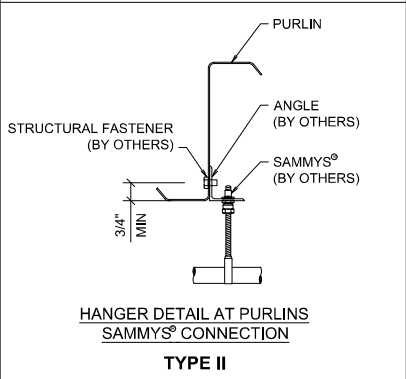
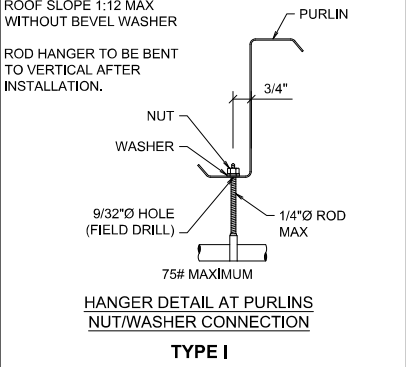
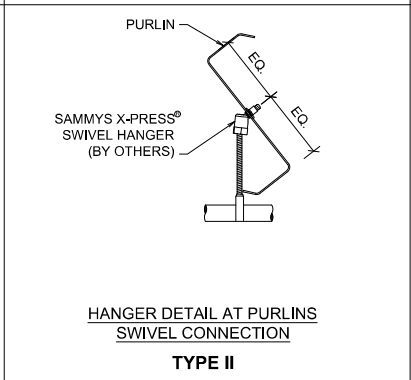
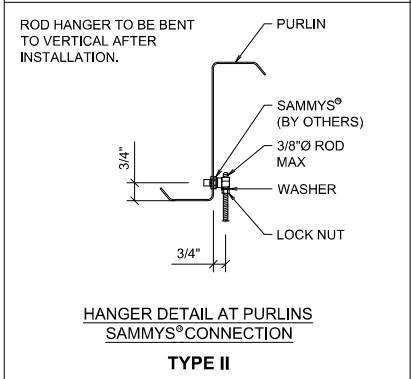
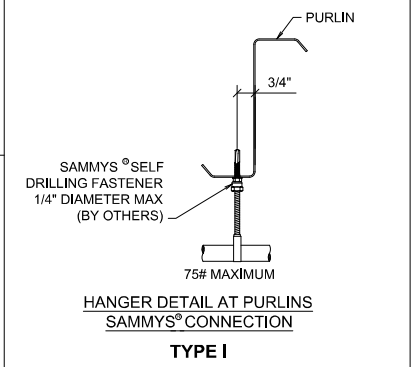
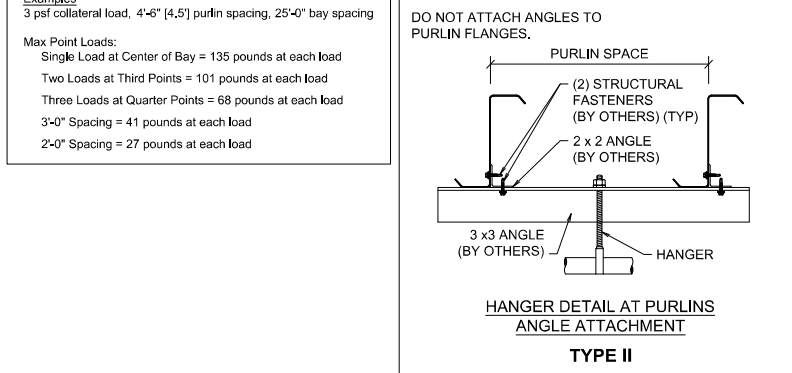
<p>The information on this page is intended to be for general erection information. Project-specific information is found within the Chief Buildings "To Be Used for Construction" Erection Drawings and Details. Any deviation from these erection drawings must be for Chief approval. Also, refer to Chief Buildings standing seam erection manuals, when applicable.</p> <p>Chief Buildings does not guarantee nor shall we be held liable for the quality of erection, nor assume the responsibility for building defects that may be attributed to improper erection techniques or the negligence of other parties.</p> <p>Chief Buildings is not responsible for the safety of the erection. It is the erectors responsibility to follow all OSHA regulations not limited to 29 CFR 1926R.</p>	<p>Bracing furnished by Chief Buildings is designed for loads on the completed, fully assembled building structure. This bracing cannot be assumed to be adequate during erection. The erector shall determine the need for, furnish, and install all temporary supports, such as temporary girts, cables, beams, lifelines, cladding, anchor bolts, or other elements required for the erection. Chief Buildings is not responsible for evaluation of the building structure for strength and stability during construction. For additional resources for planning and developing temporary bracing requirements, refer to the Metal Buildings Institute's Temporary Bracing Guidelines.</p> <p>Temporary blocking may be required between purlins and girts at mid bay prior to ensure they are in alignment until roof or wall purlins is installed.</p>	<p>Some shimming must be anticipated by the erector and is considered a normal part of erection by ABC. Examples of where shims may be required are to fill part gaps, level beams, accommodate varying depth of members (C-Frame Runway Beams), level column base plates, or adjust for frame distortion. Shims are provided by the erector. These shims may be flat plates, with holes, or finger shims with slots cut through to the edge to be inserted around bolts. The shims should be full length width.</p> 	<p>Flange braces are essential for the structural strength and stability of the system. All flange braces must be installed in accordance with the erection drawings and details. Any grinding or deviation from the erection drawings must be approved by Chief Buildings.</p> <p>Sealant Application</p> <p>Proper execution of field applied mastic is vital to the weather tightness of a finished building. Surfaces must be clean and dry before mastic can be applied, and all surfaces make good contact. Do not use tape mastics or sealants if they become dry. Do not stretch tape mastic or cause thinning of the cross section. Carefully follow details and standing seam erection manual instructions for proper mastic location and mastic application and sealants for a continuous seal. Remove protective paper of tape mastics prior to installing panels and trim. Screw placement should be through the taped mastic or in the "dry side" of the sealant, and properly tightened to fully compress the joint.</p> <p>Fasteners</p> <p>Screws should be installed per the Chief Buildings Erection Drawings For Construction. Screw identification, style and size are found on Standard Parts pages of Erection Drawings. If the screw has slotted, a 2 1/2" X 1 1/4" oversized screw should be used as a replacement. Screw girth with variable speed and adjustable clutch are recommended. Best drilling performance is obtained at slower drill speeds with a 2000 rpm gear. Always remove metal shavings from panel and trim surfaces to avoid rust or corrosion by panel fields.</p> <p>The hole created by the screw is sealed by the washer and proper tightening is crucial for weather tightness.</p> 	<p>Do not use galvanized roof jacks, lead hats or other resurfaced grade roof jacks. These can cause galvanic corrosion of the roof panel, and do not have the required service life.</p> <p>Use EPDM rubber roof jacks with an integral aluminum band that is bonded into the perimeter of the rubber base. EPDM rubber roof jack piping flashing generally have a continuous service temperature range up to around 225°F. For higher temperature applications, consider high temp silicone pipe flashings.</p> <p>Do not use tube sealant to seal the roof jack to the purlin or pipe. Use oil tight sealer between roof jack and panel and attach with long life fasteners at approximately 12" C.C. Install stainless steel drip around top of roof jack to pipe.</p>	
<p>Unloading Procedures</p> <p>Arrival at the Jobsite</p> <p>Chief Buildings components are carefully bundled, crated, and inspected to prevent damage during transportation. When the shipment is received, check each item against the proper shipping documentation for shortages or damages. Damage must be noted on the Bill of Lading. Failure to note damages may result in being unable to file freight claims.</p> <p>If damage or shortages are suspected, contact Chief's Customer Service team per the Quality Assurance Policy.</p> <p>Unloading</p> <p>The erector shall use special care in unloading and handling to avoid distorting or damaging structural steel or bundled components. Use slings or spreader bars for long bundles, as required. Where practical, bundles should be placed near installation area to avoid later site maneuvering or undue handling to minimize damage to any shop primer or factory applied seal coating.</p>				<p>Additional information on fastening may be found in the MCA Technical Bulletin, <i>Proper Tools for Fastening Metal Panels</i>.</p> 	
<p>Jobsite Storage</p> <p>Roof and Wall Panel Bundles</p> <p>It is recommended that bundles be kept dry. Moisture trapped within panel bundles can cause the finish to soften and become more susceptible to erosion during long storage. Panels in bundles that are stored wet, or in humid conditions forming condensation, will form oxidation (white rust) or other moisture related problems to the panel finish or metal substrates. Moisture can work between panels of bundles and cause deterioration if not prevented. Erection is evident in bundles that will be stored for a prolonged period; it is recommended that bundles be broken open to air dry.</p> <ol style="list-style-type: none">Block bundles above ground to keep water out of bundles and allow air circulation.Slake bundles for drainage.Stack panels with damage between bundles.Cover bundles with tarp or plastic to protect from rain or snow.The cover covered stacks away from stacks so not to restrict air circulation during the storage period. 					

COLLATERAL LOADS (see Building Design Criteria):
Chief Buildings neither assumes nor accepts any responsibility for the design of hangers, bracing of suspended members, transverse support members, nor connections to roof purlins to support collateral loads. It is the responsibility of the Buyer/Contractor and/or End Owner to have this design performed by a registered design professional. All loads suspended from purlins shall have the load introduced through the web and not the flange of the purlin other than what is shown on this page. Loads can not be supported from the lip at the edge of the flange.

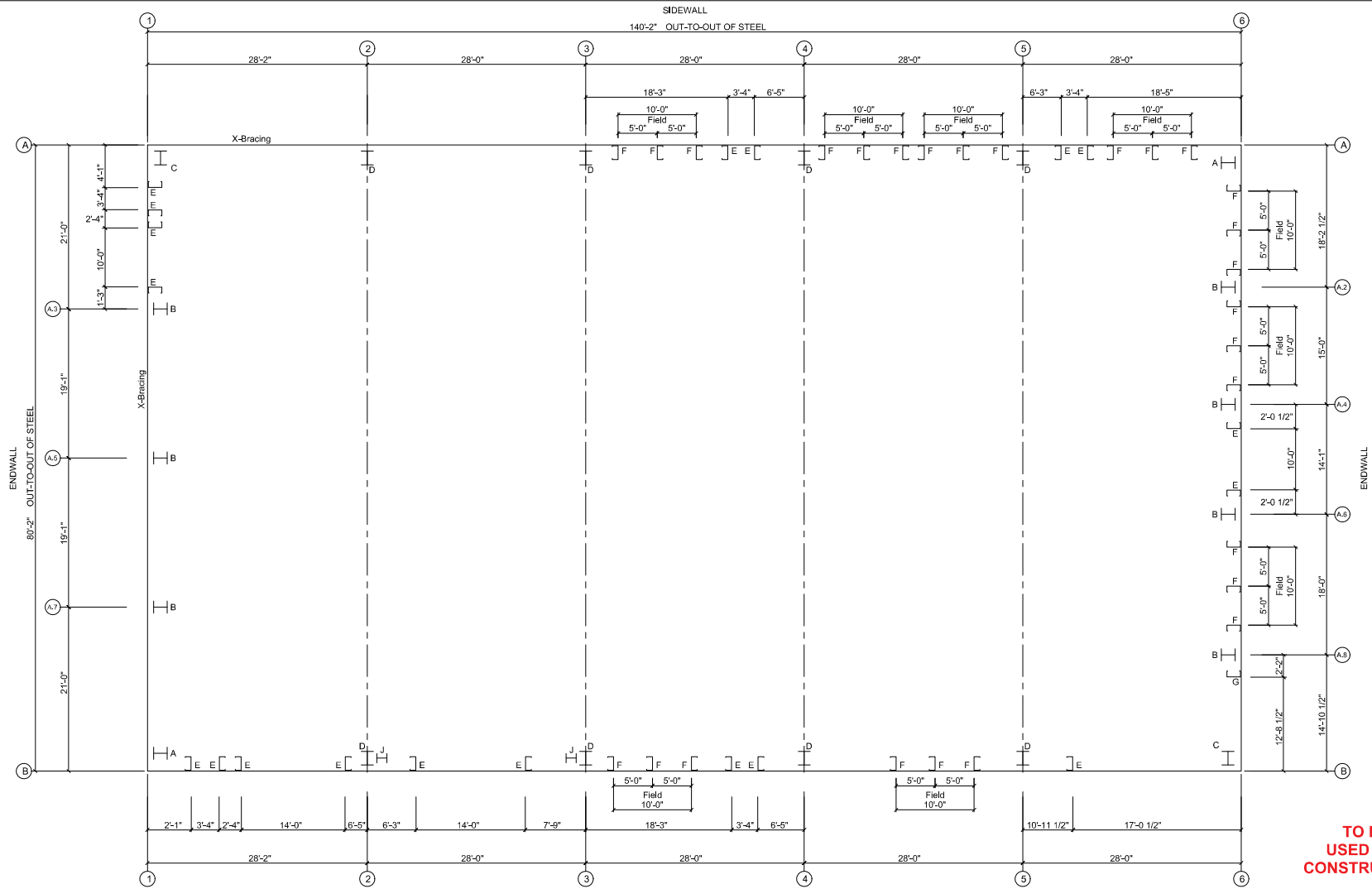
TYPE 1: Lightweight loads with individual point load not exceeding 75 pounds may be hung from bottom flange ONLY as shown on this page.
TYPE 2: Loads exceeding 75 pounds attach to web utilizing on of the methods shown on this drawing or provided by Registered Design Professional.
Guide to converting uniform collateral load (psf) to individual point loads (pounds).

Equations to calculate maximum load (weight) based on collateral load, purlin spacing, and bay spacing		
Load Type	Max Point Load [pounds]	Loading Diagram
Single Load at Center of Bay	$0.40 \times \text{Collateral Load [psf]} \times \text{Purlin Spacing [ft]} \times \text{Bay Spacing [ft]}$	
Two Loads at Third Points	$0.30 \times \text{Collateral Load [psf]} \times \text{Purlin Spacing [ft]} \times \text{Bay Spacing [ft]}$	
Three Loads at Quarter Points	$0.20 \times \text{Collateral Load [psf]} \times \text{Purlin Spacing [ft]} \times \text{Bay Spacing [ft]}$	
3'-0 Spacing	$\text{Collateral Load [psf]} \times \text{Purlin Spacing [ft]} \times 3.0'$	
2'-0 Spacing	$\text{Collateral Load [psf]} \times \text{Purlin Spacing [ft]} \times 2.0'$	

Examples
3 psf collateral load, 4'-6" [4.5'] purlin spacing, 25'-0" bay spacing
Max Point Loads:
Single Load at Center of Bay = 135 pounds at each load
Two Loads at Third Points = 101 pounds at each load
Three Loads at Quarter Points = 68 pounds at each load
3'-0" Spacing = 41 pounds at each load
2'-0" Spacing = 27 pounds at each load



		REVISIONS		Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.		Drawing		COLLATERAL LOADING AND ATTACHMENTS	
				Chief Buildings PO Box 20178, Grand Island, NE 68802-2078 (308) 389-2259 info@chiefind.com		Buyer		Triangle Home Pros, LLC	
						Customer		Martinez Commercial Properties, LLC Fuquay Varina, NC 27526	
						Project Name		E & M Concrete	
						DRAWN		CHECK	ORDER NO.
						BD		ALI	G3
						2/10/25		3/6/25	B3025326
									G3



**TO BE
USED FOR
CONSTRUCTION**

REFERENCE NOTES:

- All Anchor Rods including nuts and washers for same are not furnished by CHIEF BUILDINGS.
- Anchor Rod material shall conform to ASTM F1554 having a yield of 36 KSI or greater.
- Rod projections are recommended minimums based on the base plate bearing directly on the concrete pier. If the base plate is to bear on grout, the rod projection must be increased accordingly.
- Concrete shall have a minimum strength of 3000 PSI.
- ALL DRAWINGS ARE NOT TO SCALE.
- Anchor Rod Summary Table
 - Quantity includes all buildings, all phases.
 - However anchor rods for Partitions and Smart Canopies are found on separate pages (when applicable).

NOTE: Finish Floor @ 100'-0"

ANCHOR ROD SUMMARY

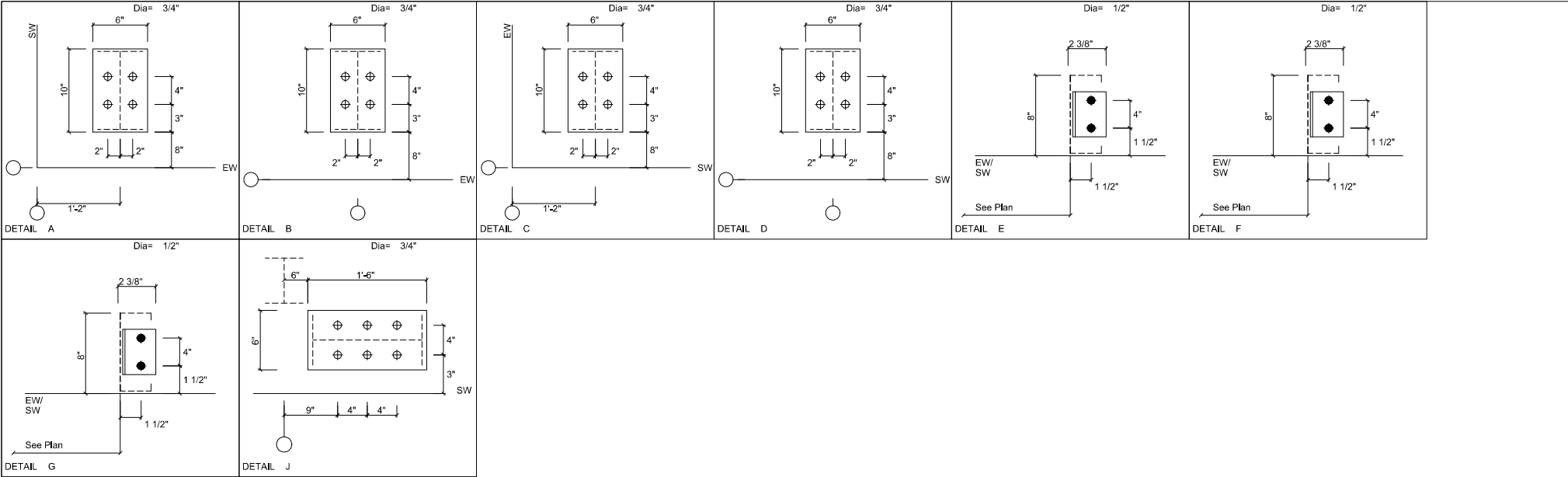
Qty	Locate	Dia (in)	Type	Proj (in)
94	Jamb	1/2"	F1554	1,50
44	Endwall	3/4"	F1554	2,00
32	Frame	3/4"	F1554	2,00
12	WindCol	3/4"	F1554	2,00

ANCHOR ROD PLAN

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

REVISIONS		
4		
3		
2		
1		
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings. Chief Buildings PO Box 2073, Grand Island, NE 68802-2078 (308) 389-7289 info@chiefbuild.com		03/11/2025

Drawing	ANCHOR ROD			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	A1
	DAR	DAR	B3025326	A3
	1/31/25	2/3/25		

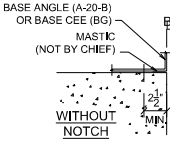


BASE ANCHORAGE SPACING FOR STANDARD BASE ANGLE, BASE CEE OR ONE PIECE BASE WITH CS OR AP WALLS			
FASTENER TYPE & DIAMETER	MINIMUM EMBEDMENT	MAXIMUM SPACING	
1/4" WEDGE ANCHOR	1 1/4"	1 @ 3'-0"	
1/4" SCREW TYPE ANCHOR	1 1/2"	1 @ 3'-0"	
3/8" CAST-IN ANCHOR	4" WITH HOOK OR HEAD	1 @ 3'-0"	
1/4" HAMMER-IN	1 3/8"	1 @ 2'-0"	
6/16 POWDER ACTUATED	1 1/4"	1 @ 1'-6"	
① HILTI KWIK BOLT®, RAMSET TRIBOLT®, POWERS POWERSTUD®, OR EQUAL ② CFS TAPCON®, HILTI KWIK-CON®, POWERS WEDGE-BOLT®, OR EQUAL ③ POWERS ZAMAC HAMMER SCREW®, HILTI METAL HIT ANCHOR®, OR EQUAL ④ POWERS BALLISTIC POINT PIN, RAMSET 1500/1600 SERIES, HILTI UNIVERSAL NAIL, OR EQUAL			

FASTENER SPACING CHART

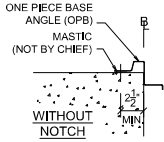
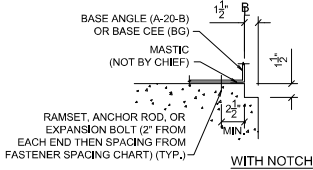
REFERENCE NOTES:

1. ACTUAL BASE PLATE DIMENSIONS MAY BE SMALLER THAN BASE PLATE DIMENSIONS SHOWN.



BASE MEMBER DETAILS

CONTRACTOR IS RESPONSIBLE FOR ANCHORING BASE MEMBER TO CONCRETE.



REVISIONS	
④	
③	
②	
①	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2073, Grand Island, NE 68802-2078
(308) 389-7289 cba@chiefbuild.com



03/11/2025

TO BE
USED FOR
CONSTRUCTION

Drawing	ANCHOR ROD			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	A2
	DAR	DAR	B3025326	A3
	1/31/25	2/3/25		

- Column footings and piers must be designed to withstand horizontal and vertical reactions as shown on the Anchor Rod Plan. Chief Buildings is not responsible for design of concrete foundation. Chief Buildings recommends that the services of a qualified engineer be obtained by the contractor/builder to design the foundations for the indicated reactions.
- Reactions are given in kips, (1 kip = 1000 lbs.) moments, if any, are given in kip-ft.
- Anchor Rod design is based on shear, tension, and combined tension and shear. Chief Buildings is not responsible for anchor rod size recommendations when anchor rod configuration places the rods in a bending mode. When the column base plate bears on grout, the contractor/builder or foundation engineer shall investigate bending in the anchor rods and provide a shear key for the column base to the pier when the anchor rods are not adequate in bending about the pier.

ENDWALL COLUMN:**BASIC COLUMN REACTIONS (k)**

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert
1	A	0.8	0.7	2.6	1.5	0.0	-3.2	0.0	-2.5	0.0	-2.0	0.0	-1.3
1	A.3	1.7	1.8	6.4	3.6	-3.1	-12.6	0.0	-0.5	-3.1	-10.0	0.0	2.0
1	A.5	1.4	1.3	4.9	2.8	0.0	-0.5	3.1	-8.9	0.0	3.1	-7.6	0.0
1	A.7	1.7	1.8	6.4	3.6	0.0	-5.1	0.0	-8.6	0.0	-2.5	0.0	-6.0
1	B	0.8	0.7	2.6	1.5	0.0	-2.5	0.0	-3.2	0.0	-1.3	0.0	-2.0

Frm Line	Col Line	Wind_Press Horz	Wind_Suct Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seis_Left Horz	Seis_Left Vert	Seis_Right Horz	Seis_Right Vert	Seis_Long Horz	Seis_Long Vert
1	A	-7.7	-5.0	0.0	0.0	-3.5	0.0	-2.2	0.0	0.0	0.0	-5.7	-3.7
1	A.3	-3.8	0.0	4.2	0.0	0.0	-7.1	-1.0	-6.1	-1.4	-1.8	0.0	2.1
1	A.5	-4.2	0.0	4.7	0.0	1.0	-5.3	0.0	-2.5	0.0	1.9	1.4	-2.1
1	A.7	-3.8	0.0	4.2	0.0	0.0	-4.7	0.0	-6.6	0.0	-0.1	0.0	0.1
1	B	0.0	0.0	0.0	0.0	0.0	-2.2	0.0	-3.5	0.0	0.0	0.0	0.0

Frm Line	Col Line	MIN_SNOW Horz	E1UNB_SL_L Vert	E1UNB_SL_R Vert	E1PAT_LL_1 Horz	E1PAT_LL_2 Horz	E1PAT_LL_3 Vert	E1PAT_LL_4 Vert					
1	A	0.0	2.1	0.0	1.4	0.0	0.5	0.0	-0.2	0.0	0.0	0.0	2.7
1	A.3	0.0	5.2	0.0	4.4	0.0	0.8	0.0	6.8	0.0	-0.3	0.0	3.4
1	A.5	0.0	4.0	0.0	3.5	0.0	3.5	0.0	2.4	0.0	2.4	0.0	2.4
1	A.7	0.0	5.2	0.0	0.8	0.0	4.4	0.0	-0.3	0.0	2.4	0.0	3.0
1	B	0.0	2.1	0.0	0.5	0.0	1.4	0.0	0.0	0.0	2.4	0.0	-0.3

Frm Line	Col Line	E1PAT_LL_5 Vert	
1	A	0.0	-0.3
1	A.3	0.0	3.0
1	A.5	0.0	2.4
1	A.7	0.0	3.4
1	B	0.0	2.7

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 Horz	Wind Suct Horz	Wind Long1 Vert	Wind Long2 Vert
6	B	0.6	0.5	2.0	1.1	-2.2	-1.3	-1.3	-0.5	0.0	0.0	-2.1	-1.5
6	A.8	1.4	1.5	5.5	2.9	-6.8	-4.2	-4.8	-2.1	-3.0	3.3	-6.8	-3.8
6	A.6	1.3	1.2	4.9	2.6	-3.8	-3.7	-4.2	-2.2	-3.4	3.8	-5.2	-3.2
6	A.4	1.1	0.9	3.7	2.0	-2.8	-4.4	-1.6	-3.3	-3.1	3.4	-2.3	-4.1
6	A.2	1.5	1.5	5.8	3.0	-4.4	-7.1	-2.2	-5.0	-3.1	3.4	-4.1	-7.2
6	A	0.8	0.6	2.6	1.4	-1.7	-2.8	-0.8	-1.8	0.0	0.0	-1.9	-2.8

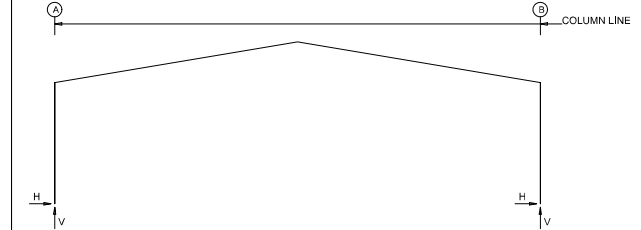
Frm	Col	Seis Left Horz	Seis Right Vert	Seis Long Horz	MIN_SNOW- Horz	E2UNB_SL_L- Horz	E2UNB_SL_R- Vert	E2PAT_LL_1- Horz	E2PAT_LL_2- Vert
6	B	0.0	0.2	0.0	0.0	1.5	0.0	1.1	0.3
6	A.8	0.0	0.0	0.4	0.0	4.1	0.0	2.9	0.0
6	A.6	0.0	-0.1	0.5	0.0	3.7	0.0	4.3	0.0
6	A.4	-0.1	-0.1	0.4	0.0	2.8	0.0	0.9	0.0
6	A.2	0.0	0.0	0.4	0.0	4.4	0.0	0.9	0.0
6	A	0.2	0.0	0.0	0.0	1.9	0.0	0.4	0.0

Frm Line	Col Line	E2PAT_LL_3-Horz	E2PAT_LL_3-Vert	E2PAT_LL_4-Horz	E2PAT_LL_4-Vert	E2PAT_LL_5-Horz	E2PAT_LL_5-Vert	E2PAT_LL_6-Horz	E2PAT_LL_6-Vert
6	B	0.0	0.0	0.0	0.0	2.7	0.0	-0.8	3.0
6	A.8	0.0	-0.1	0.0	0.0	2.5	0.0	3.0	0.0
6	A.6	0.0	1.8	0.0	-0.2	0.0	1.5	0.0	3.4
6	A.4	0.0	5.0	0.0	2.0	0.0	1.1	0.0	2.6
6	A.2	0.0	2.1	0.0	6.0	0.0	3.4	0.0	2.4
6	A	0.0	0.0	0.0	2.2	0.0	3.0	0.0	-0.6

CONTROLLING LOAD CASES	
1	0.6Dead+0.6Wind_Left1
2	0.6Dead+0.6Wind_Right1
3	0.6Dead+0.6Wind_Long1L
4	0.6Dead+0.6Wind_Long2L
5	Dead+Collateral+MIN_SNOW
6	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
7	1.02Dead+1.02Collateral+0.75Live+0.55Seismic_LongR
8	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
9	Dead+Collateral+E1PAT_LL_1
10	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
11	Dead+Collateral+E1PAT_LL_2
12	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L
13	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
14	Dead+Collateral+E1PAT_LL_3
15	Dead+Collateral+E1PAT_LL_5
16	Dead+Collateral+E2PAT_LL_3
17	0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
18	Dead+Collateral+E2PAT_LL_1
19	Dead+Collateral+E2PAT_LL_2
20	Dead+Collateral+E2PAT_LL_4
21	Dead+Collateral+E2PAT_LL_6

ENDWALL COLUMN:**MAXIMUM REACTIONS (k)**

Frm Line	Col Line	Load Id	Hmax	Vmax	Hmin	Vmin
1	A	3	0.0	-1.6	6	-4.6
		7	0.0	5.4		
1	A.3	8	2.5	-4.6	6	-3.2
		9	0.0	10.1	8	-6.5
1	A.5	10	2.8	-4.5	6	-2.5
		11	0.0	8.9	10	2.8
1	A.7	12	2.5	-4.2	13	-2.3
		14	0.0	10.1	12	2.5
1	B	4	0.0	-1.6	4	0.0
		15	0.0	4.1		
6	B	1	0.0	-0.9	1	0.0
		16	0.0	3.9		
6	A.8	17	2.0	-3.3	6	-1.8
		18	0.0	8.6	17	2.0
6	A.6	8	2.3	-2.7	6	-2.0
		19	0.0	8.1	8	2.3
6	A.4	10	2.0	-2.0	13	-1.9
		20	0.0	7.0	10	2.0
6	A.2	12	2.1	-3.4	13	-1.9
		21	0.0	8.9	12	2.1
6	A	2	0.0	-1.3	2	0.0
		16	0.0	4.4		

FRAME LINES: 2 3 4 5**RIGID FRAME: MAXIMUM REACTIONS**

Frm Line	Col Line	Load Id	Hmax	Vmax	Load Id	Hmin	Vmin
2*	A	5	18.3	28.1	1	-8.1	-9.2
		3			5	-1.9	-10.5
2*	B	2	8.1	-9.2	5	-18.3	28.0
		5	-18.3	28.0	2	8.1	-9.2

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Snow Horz	Snow Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert
2*	A	2.9	5.0	4.0	6.0	8.1	13.8	8.0	12.0	-16.5	-20.4	-3.0	-13.0
2*	B	-2.9	5.0	-4.0	5.9	-8.1	13.8	-8.0	12.0	3.0	-13.0	16.5	-20.4

Frame Line	Column Line	Wind_Left2 Horz	Wind_Left2 Vert	Wind_Right2 Horz	Wind_Right2 Vert	Wind_Long1 Horz	Wind_Long1 Vert	Wind_Long2 Horz	Wind_Long2 Vert	Seismic_Left Horz	Seismic_Left Vert	Seismic_Right Horz	Seismic_Right Vert
2*	A	-14.1	-12.3	-0.6	-4.8	-4.0	-22.6	-7.3	-19.6	-2.1	-1.0	2.1	1.0
2*	B	0.6	-4.8	14.1	-12.3	7.3	-14.6	6.0	-17.6	-2.1	1.0	2.1	-1.0

Frame Line	Column Line	Seismic_Long Horz	Seismic_Long Vert	MIN_SNOW Horz	MIN_SNOW Vert	F1UNB_SL_L Horz	F1UNB_SL_L Vert	F1UNB_SL_R Horz	F1UNB_SL_R Vert
2*	A	0.0	-3.7	11.4	17.1	7.2	12.2	7.2	7.3
2*	B	0.0	0.0	-11.4	17.1	-7.2	7.3	-7.2	12.2

WIND BENT REACTIONS

Loc	Line	Col Line	Wind Horz	Reactions Vert	Seismic Horz	Seismic Vert
F_SW	B	2	3.8	5.4	2.9	4.0
F_SW	B	3	3.8	5.4	2.9	4.0

BUILDING BRACING REACTIONS

Loc	Line	Col Line	Wind Horz	Reactions Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft)	Note
L_EW	1	A.3,A.5	3.1	4.1	1.4	1.9		(a)
F_SW	B	2.3						(i)
R_EW	6							
B_SW	A	2.1	7.7	5.0	5.7	3.7		

(a) Wind bent in bay
(i) Bracing in roof to rigid frame

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored


**TO BE
USED FOR
CONSTRUCTION**





Revisions
1. Check all dimensions and notes.
2. Check all dimensions and notes.
3. Check all dimensions and notes.
4. Check all dimensions and notes.
5. Check all dimensions and notes.
6. Check all dimensions and notes.
7. Check all dimensions and notes.
8. Check all dimensions and notes.
9. Check all dimensions and notes.
10. Check all dimensions and notes.
11. Check all dimensions and notes.
12. Check all dimensions and notes.
13. Check all dimensions and notes.
14. Check all dimensions and notes.
15. Check all dimensions and notes.
16. Check all dimensions and notes.
17. Check all dimensions and notes.
18. Check all dimensions and notes.
19. Check all dimensions and notes.
20. Check all dimensions and notes.
21. Check all dimensions and notes.

REVISIONS	Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	



03/11/2025

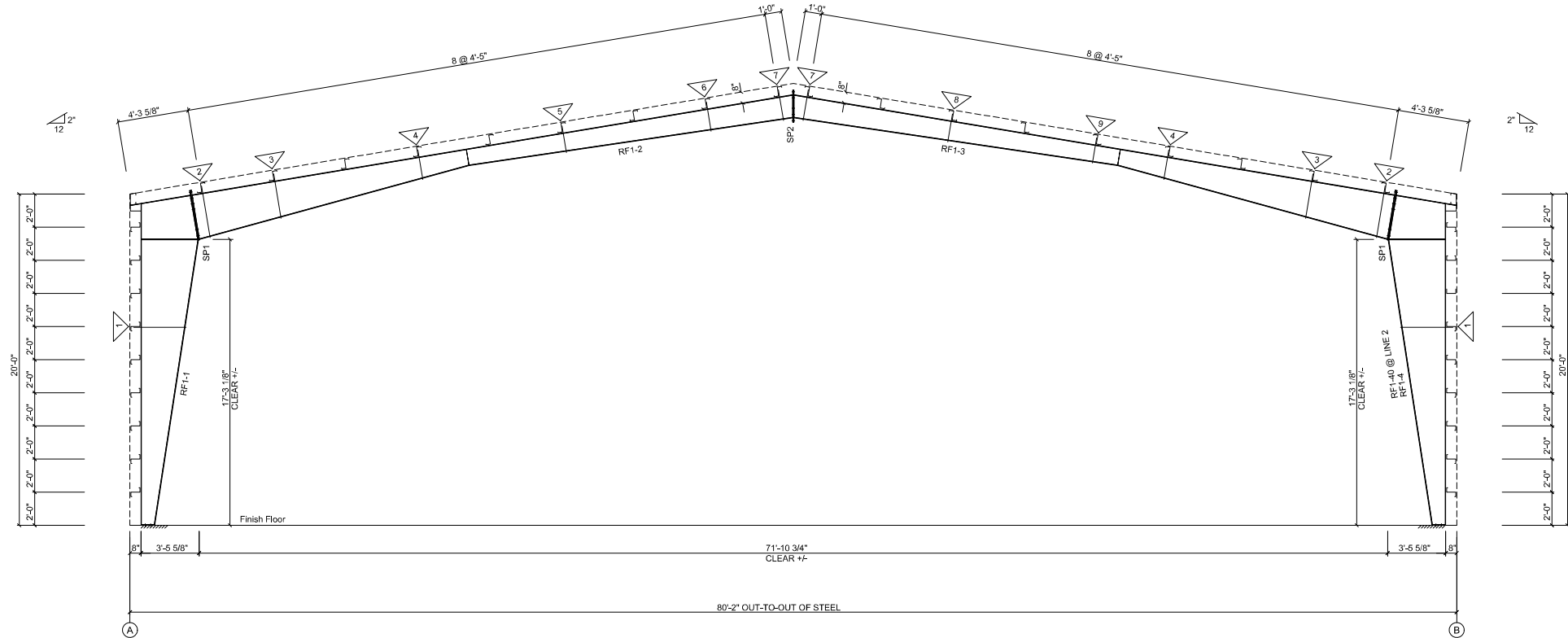
Drawing	ANCHOR ROD			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	A3
	DAR	DAR	B3025326	A3
	1/31/25	2/3/25		

<div>DESIGN CRITERIA</div> <table><tr><td>Building Code</td><td>North Carolina Building Code 2018</td></tr><tr><td>IBC Risk Category</td><td>II - Standard Buildings</td></tr><tr><td>Roof Live Load</td><td>20 psf</td></tr><tr><td>Tributary Area Reduction Allowed</td><td>Yes</td></tr><tr><td>Collateral Load</td><td>5 psf</td></tr><tr><td>Ground Snow Load (Pg)</td><td>15 psf</td></tr><tr><td>Exposure Factor (Ce)</td><td>1</td></tr><tr><td>Thermal Factor (Ct)</td><td>1</td></tr><tr><td>Importance Factor (I)</td><td>1</td></tr><tr><td>Flat Roof Snow Load (Pf)</td><td>10.50 psf</td></tr><tr><td>Minimum Roof Snow Load (Pm)</td><td>15 psf - Not used with drift, sliding, unbalanced, or partial loads.</td></tr><tr><td>Drift Surcharge Load, Pd and Snow Drift Width, w</td><td>Pd = 55.73 - 38.95 psf , w = 4.2083 on Canopies @ Lines 1 & 6 Pd = 42.19 - 25.41 psf , w = 4.2083 on Canopies @ Lines A & B</td></tr><tr><td>Building Enclosure</td><td>Enclosed</td></tr><tr><td>Ultimate Design Wind Speed (Vult)</td><td>115 mph (GCPi ± 0.18)</td></tr><tr><td>Nominal Design Wind Speed (Vasd)</td><td>89 mph</td></tr><tr><td>Exposure Category</td><td>B</td></tr><tr><td>Wind Pressure (q)</td><td>20.1 psf</td></tr><tr><td>Seismic</td><td></td></tr><tr><td>Spectral Response Short Periods (Ss)</td><td>0.17</td></tr><tr><td>Spectral Response 1 s Period (S1)</td><td>0.082</td></tr><tr><td>Seismic Importance Factor</td><td>1</td></tr><tr><td>Seismic Design Category</td><td>B</td></tr><tr><td>Site Class</td><td>D</td></tr><tr><td>Seismic Resisting System</td><td></td></tr><tr><td>Longitudinal Direction</td><td>Steel System (R=3.00)</td></tr><tr><td>Lateral Direction</td><td>Steel System (R=3.00)</td></tr><tr><td>Seismic Response Coefficient (Cs)</td><td>0.06</td></tr><tr><td>Spectral Response Parameter Short Period (SDS)</td><td>0.181</td></tr><tr><td>Spectral Response Parameter 1 s Period (SD1)</td><td>0.131</td></tr><tr><td>Analysis Procedure:</td><td>ELF</td></tr><tr><td>Base Shear</td><td>13.76 kips</td></tr><tr><td>Other Loads:</td><td>(4) 207 lbs AHU Point Loads (1) 172 lbs AHU Point Load (8) 3 psf Tie-Rod Canopies</td></tr></table>		Building Code	North Carolina Building Code 2018	IBC Risk Category	II - Standard Buildings	Roof Live Load	20 psf	Tributary Area Reduction Allowed	Yes	Collateral Load	5 psf	Ground Snow Load (Pg)	15 psf	Exposure Factor (Ce)	1	Thermal Factor (Ct)	1	Importance Factor (I)	1	Flat Roof Snow Load (Pf)	10.50 psf	Minimum Roof Snow Load (Pm)	15 psf - Not used with drift, sliding, unbalanced, or partial loads.	Drift Surcharge Load, Pd and Snow Drift Width, w	Pd = 55.73 - 38.95 psf , w = 4.2083 on Canopies @ Lines 1 & 6 Pd = 42.19 - 25.41 psf , w = 4.2083 on Canopies @ Lines A & B	Building Enclosure	Enclosed	Ultimate Design Wind Speed (Vult)	115 mph (GCPi ± 0.18)	Nominal Design Wind Speed (Vasd)	89 mph	Exposure Category	B	Wind Pressure (q)	20.1 psf	Seismic		Spectral Response Short Periods (Ss)	0.17	Spectral Response 1 s Period (S1)	0.082	Seismic Importance Factor	1	Seismic Design Category	B	Site Class	D	Seismic Resisting System		Longitudinal Direction	Steel System (R=3.00)	Lateral Direction	Steel System (R=3.00)	Seismic Response Coefficient (Cs)	0.06	Spectral Response Parameter Short Period (SDS)	0.181	Spectral Response Parameter 1 s Period (SD1)	0.131	Analysis Procedure:	ELF	Base Shear	13.76 kips	Other Loads:	(4) 207 lbs AHU Point Loads (1) 172 lbs AHU Point Load (8) 3 psf Tie-Rod Canopies	<div>BOLT TIGHTENING INFORMATION - SNUG TIGHT</div> <p>1. Snug Tightened Joints are used. Tightening of bolts shall be in accordance with the "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" latest edition published by Research Council on Structural Connections (RCSC).</p> <p>a. All bolt holes shall be aligned to permit insertion of the bolts without undue damage to the threads.</p> <p>b. Bolts shall be placed in all holes and nuts threaded to complete the assembly.</p> <p>c. Compacting the joint to the snug-tight condition shall progress systematically from the most rigid part of the joint. Snug tight is the condition that exists when all of the plies in a connection have been pulled into firm contact by the bolts in the joint and all of the bolts in the joint have been tightened sufficiently to prevent the removal of the nuts without the use of a wrench.</p> <ul style="list-style-type: none">The snug tightened condition is typically achieved with a few impacts of an impact wrench or the full effort of a worker on an ordinary spud wrench. More than one cycle through the bolt pattern may be required to achieve the snug tightened joint. <p>2. Special Inspection - Inspection that installation achieved snug tightened condition is after bolt installation. Unless local authorities require otherwise, inspection before or during bolt installation/tightening is not required.</p> <p>3. Fastener components shall be protected from dirt and moisture in closed containers at the site of installation. Only as many fastener components as are anticipated to be installed during the work shift shall be taken from protected storage. Fastener components that are not incorporated into the work shall be returned to protected storage at the end of the work shift.</p>		<div>MASONRY/BRICK VENEER WALL</div> <p>The structure provided by Chief Buildings has a brick veneer wall, which is not by Chief Buildings. The girts are at 2'-0" spacing and have been designed to provide lateral support for the brick veneer wall. The 26 gage CS or AP wall panels behind the wall is intended as a weather barrier and is not intended to support the attachment of the brick wall. Attachment of the brick wall must be made through the CS/AP panel to the girt. Chief Buildings neither assumes nor accepts <u>any responsibility</u> for design of this brick veneer wall nor attachment or interface of this wall with the structure provided by Chief Buildings.</p> <p>It is the responsibility of the Buyer/Contractor and/or End Owner to retain the services of a registered design professional that is responsible for the design of:</p> <p>1.) The brick veneer wall and required reinforcing for code prescribed vertical and lateral loads and sufficient ductility to allow for differential movement of the brick veneer wall and the structure provided by Chief Buildings.</p> <p>2.) Attachment of the brick veneer wall to the structure provided by Chief Buildings.</p> <p>3.) Detailing at base of the wall and at isolation joints at perpendicular walls to allow for differential movement of the brick veneer wall and the structure provided by Chief Buildings.</p> <p>Lateral deflection and drift limits for the structure provided by Chief Buildings have been held to the limits in the order documents. These serviceability limits are consistent with those published in AISC Design Guide Series Number 3- Serviceability Design Considerations for Low-Rise Buildings. It is the responsibility of the registered design professional to insure design of the brick veneer wall is compatible with these serviceability limits.</p>		<div>BRITTLE WALL, General Notes</div> <p>The structure provided by Chief Buildings has been designed for brittle wall provided by others. Chief Buildings neither assumes nor accepts <u>any responsibility</u> for design of the brittle wall nor the attachment or the interface of this wall with the structure provided by Chief Buildings. It is the responsibility of the Buyer/Contractor and/or End Owner to retain the services of a registered design professional who is responsible for the design of:</p> <p>1. The brittle wall for code prescribed vertical and lateral forces and sufficient ductility to allow for differential movement of the brittle wall and structure provided by Chief Buildings.</p> <p>2. Detailing at base of the wall and at isolation joints at perpendicular walls to allow for differential movement of the brittle wall and structure provided by Chief Buildings.</p> <p>Lateral deflection and drift for the structure provided by Chief Buildings have been held to the limits stated in the order documents. It is the responsibility of the registered design professional to insure design and separation of the brittle wall is compatible with these serviceability limits.</p> <div>SUSPENDED LOADS</div> <div>MISC</div> <p>The roof framing is designed to adequately support the following uniform loads from superimposed structure:</p> <p>(1) 172 lbs AHU point load (4) 207 lbs AHU point loads</p> <p>Chief Buildings is NOT responsible for lateral or longitudinal bracing of the Superimposed Structure subjected to horizontal service, seismic, or wind loading.</p>	
Building Code	North Carolina Building Code 2018																																																																						
IBC Risk Category	II - Standard Buildings																																																																						
Roof Live Load	20 psf																																																																						
Tributary Area Reduction Allowed	Yes																																																																						
Collateral Load	5 psf																																																																						
Ground Snow Load (Pg)	15 psf																																																																						
Exposure Factor (Ce)	1																																																																						
Thermal Factor (Ct)	1																																																																						
Importance Factor (I)	1																																																																						
Flat Roof Snow Load (Pf)	10.50 psf																																																																						
Minimum Roof Snow Load (Pm)	15 psf - Not used with drift, sliding, unbalanced, or partial loads.																																																																						
Drift Surcharge Load, Pd and Snow Drift Width, w	Pd = 55.73 - 38.95 psf , w = 4.2083 on Canopies @ Lines 1 & 6 Pd = 42.19 - 25.41 psf , w = 4.2083 on Canopies @ Lines A & B																																																																						
Building Enclosure	Enclosed																																																																						
Ultimate Design Wind Speed (Vult)	115 mph (GCPi ± 0.18)																																																																						
Nominal Design Wind Speed (Vasd)	89 mph																																																																						
Exposure Category	B																																																																						
Wind Pressure (q)	20.1 psf																																																																						
Seismic																																																																							
Spectral Response Short Periods (Ss)	0.17																																																																						
Spectral Response 1 s Period (S1)	0.082																																																																						
Seismic Importance Factor	1																																																																						
Seismic Design Category	B																																																																						
Site Class	D																																																																						
Seismic Resisting System																																																																							
Longitudinal Direction	Steel System (R=3.00)																																																																						
Lateral Direction	Steel System (R=3.00)																																																																						
Seismic Response Coefficient (Cs)	0.06																																																																						
Spectral Response Parameter Short Period (SDS)	0.181																																																																						
Spectral Response Parameter 1 s Period (SD1)	0.131																																																																						
Analysis Procedure:	ELF																																																																						
Base Shear	13.76 kips																																																																						
Other Loads:	(4) 207 lbs AHU Point Loads (1) 172 lbs AHU Point Load (8) 3 psf Tie-Rod Canopies																																																																						
<div>DEFLECTION CRITERIA</div> <p>The material supplied by Chief Buildings has been designed with the following minimum deflection criteria. The actual deflection may be less depending on actual load and specific member length.</p> <table><tr><td>Vertical Deflection</td><td></td></tr><tr><td>Purlin under Live or Snow</td><td>L/ 240</td></tr><tr><td>Purlin under Wind</td><td>L/ 240</td></tr><tr><td>Frame Rafter under Live or Snow</td><td>L/ 240</td></tr><tr><td>Horizontal Deflection</td><td></td></tr><tr><td>Girts supporting metal wall panel (10 year wind)</td><td>L/ 600</td></tr><tr><td>Spandrel supporting brittle wall material (10 year wind)</td><td>L/ 600</td></tr><tr><td>Frame Sidesway/Drift with 10 year wind</td><td></td></tr><tr><td>Metal wall panel</td><td>EH/ 60</td></tr><tr><td>Brittle wall material</td><td>EH/ 100</td></tr><tr><td>Method of Design Used: ASD</td><td></td></tr></table>		Vertical Deflection		Purlin under Live or Snow	L/ 240	Purlin under Wind	L/ 240	Frame Rafter under Live or Snow	L/ 240	Horizontal Deflection		Girts supporting metal wall panel (10 year wind)	L/ 600	Spandrel supporting brittle wall material (10 year wind)	L/ 600	Frame Sidesway/Drift with 10 year wind		Metal wall panel	EH/ 60	Brittle wall material	EH/ 100	Method of Design Used: ASD		<div>MATERIAL SPECIFICATIONS</div> <p>Chief Buildings designs and fabricates using the following ASTM material types and grades (minimum yield point, ksi).</p> <ul style="list-style-type: none">Built-up Structural Steel Members: A529, A572, and A1011 SS or HSLAS. Minimum Grade 50 (50 ksi).Hot-Rolled Structural Steel Shapes (W, C, S): A572 and A992. Minimum Grade 50 (50 ksi).HSS Round and Square Sections: A500. Minimum Grade C (46 ksi and 50 ksi, respectively).Hot-Rolled Angle and Rod Bracing: A36, Minimum Yield Point 36 ksi.Cold-formed Light Gauge Structural Members: A563 SS or HSLAS-Class 1, A1011 SS or HSLAS-Class 1. Grade 55 (55 ksi).Panel and Trim: A792, Minimum Grade 50 Class 1 or Class 4 (50 ksi).		<div>INDEPENDENT MEZZANINE</div> <p>The building provided by Chief Buildings does not include structural support for the mezzanine, which is furnished by others.</p> <p>TO BE USED FOR CONSTRUCTION</p>																																													
Vertical Deflection																																																																							
Purlin under Live or Snow	L/ 240																																																																						
Purlin under Wind	L/ 240																																																																						
Frame Rafter under Live or Snow	L/ 240																																																																						
Horizontal Deflection																																																																							
Girts supporting metal wall panel (10 year wind)	L/ 600																																																																						
Spandrel supporting brittle wall material (10 year wind)	L/ 600																																																																						
Frame Sidesway/Drift with 10 year wind																																																																							
Metal wall panel	EH/ 60																																																																						
Brittle wall material	EH/ 100																																																																						
Method of Design Used: ASD																																																																							
<div>REVISIONS</div> <table><tr><td>4</td><td></td></tr><tr><td>3</td><td></td></tr><tr><td>2</td><td></td></tr><tr><td>1</td><td></td></tr></table>		4		3		2		1		<p>Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.</p> <p>Chief Building PO Box 20178, Grand Island, NE 68602-20178 (308) 389-7289 cs@chiefbldg.com</p>		<div><p>03/11/2025</p></div> <table><tr><td>Drawing</td><td colspan="4">PROJECT NOTES</td></tr><tr><td>Buyer</td><td colspan="4">Triangle Home Pros, LLC</td></tr><tr><td>Customer</td><td colspan="4">Martinez Commercial Properties, LLC Fuquay Varina, NC 27526</td></tr><tr><td>Project Name</td><td colspan="4">E & M Concrete</td></tr><tr><td rowspan="3"></td><td>DRAWN</td><td>CHECK</td><td>ORDER NO.</td><td>N1</td></tr><tr><td>MK</td><td>MLH</td><td rowspan="2">B3025326</td><td rowspan="2">N1</td></tr><tr><td>1/27/2025</td><td>1/30/25</td></tr></table>		Drawing	PROJECT NOTES				Buyer	Triangle Home Pros, LLC				Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526				Project Name	E & M Concrete					DRAWN	CHECK	ORDER NO.	N1	MK	MLH	B3025326	N1	1/27/2025	1/30/25																											
4																																																																							
3																																																																							
2																																																																							
1																																																																							
Drawing	PROJECT NOTES																																																																						
Buyer	Triangle Home Pros, LLC																																																																						
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526																																																																						
Project Name	E & M Concrete																																																																						
	DRAWN	CHECK	ORDER NO.	N1																																																																			
	MK	MLH	B3025326	N1																																																																			
	1/27/2025	1/30/25																																																																					

SPlice Bolt Table						
Mark	Qty	Top	Bot	Int	Type	Dia Length
SP1	8	4	0		A325	5/8" 2 1/4"
SP2	4	6	0		A325	5/8" 2"

MEMBER TABLE						
Mark	Weight	Length	Web Depth	Web Plate	Outside Flange Thk x W x Length	Inside Flange Thk x W x Length
			Start/End	Thick Length		
RF1-1	789	19'-5 1/4"	9,4/41,0	0,250	19'-10 3/8"	1/4" x 6 x 19'-4 3/8"
RF1-2	934	36'-10 5/8"	32,0/11,5	0,219	16'-9 9/16"	5/16" x 6 x 3'-8 3/8"
RF1-3	934	36'-10 5/8"	11,5/16,0	0,125	20'-0"	5/16" x 6 x 36'-9 9/16"
RF1-4	795	19'-5 1/4"	16,0/11,5	0,125	20'-0"	5/16" x 6 x 36'-9 9/16"
			11,5/32,0	0,219	16'-9 9/16"	5/16" x 6 x 3'-8 3/8"
			41,0/9,4	0,250	19'-10 3/8"	1/4" x 6 x 19'-4 3/8"

FLANGE BRACE TABLE						
FRAME LINE 2 3 4 5						
▽ ID	SIDES	MARK	BRACE DIST.	DETAIL	CLIP 1	CLIP 2
1	1	FB11	2'-0"	4-10	XFBP12	XFBP10
2	1	FB10	2'-0"	4-10	XFBP12	XFBP10
3	1	FB9	2'-0"	4-10	XFBP12	XFBP10
4	1	FB7	1'-0"	4-10	XFBP12	XFBP10
5	1	FB4	1'-0"	4-10	XFBP12	XFBP10
6	1	FB6	1'-0"	4-10	XFBP12	XFBP10
7	1	FB8	1'-0"	4-10	XFBP12	XFBP10
8	1	FB5	1'-0"	4-10	XFBP12	XFBP10
9	1	FB3	1'-0"	4-10	XFBP12	XFBP10



CROSS SECTION: FRAME LINE 2 3 4 5

TO BE
USED FOR
CONSTRUCTION

REFERENCE NOTES:

- Snug Tight:** Snug Tightened Joints are used. See General Information Snug Tight Sheet for bolt tightening information.
- Storage:** Fastener components shall be protected from dirt and moisture in closed containers at the site of installation. Only as many fastener components as are anticipated to be installed during the work shift shall be taken from protected storage. Fastener components that are not incorporated into the work shall be returned to protected storage at the end of the work shift.
- Bolt and Nut Specifications:** Bolts are high strength bolts conforming to ASTM F3125 Grade A325 or Grade A490. Nuts are high strength nuts conforming to ASTM A194 Grade 2 or 2H or ASTM A563 Grade C, D, or DH nut specifications. Substitution of mild steel bolts or nuts is not allowed and any field substitution will void the design warranty.
- Eave Height:** Eave height dimension is not always to the top of the eave strut. Due to thermal block situations, eave height dimension and top girt space dimension may be to the intersection of the top of the purlins. Refer to the eave details for more information.

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2075, Grand Island, NE 68802-2075
(308) 389-7282 cbs@chiefbuild.com

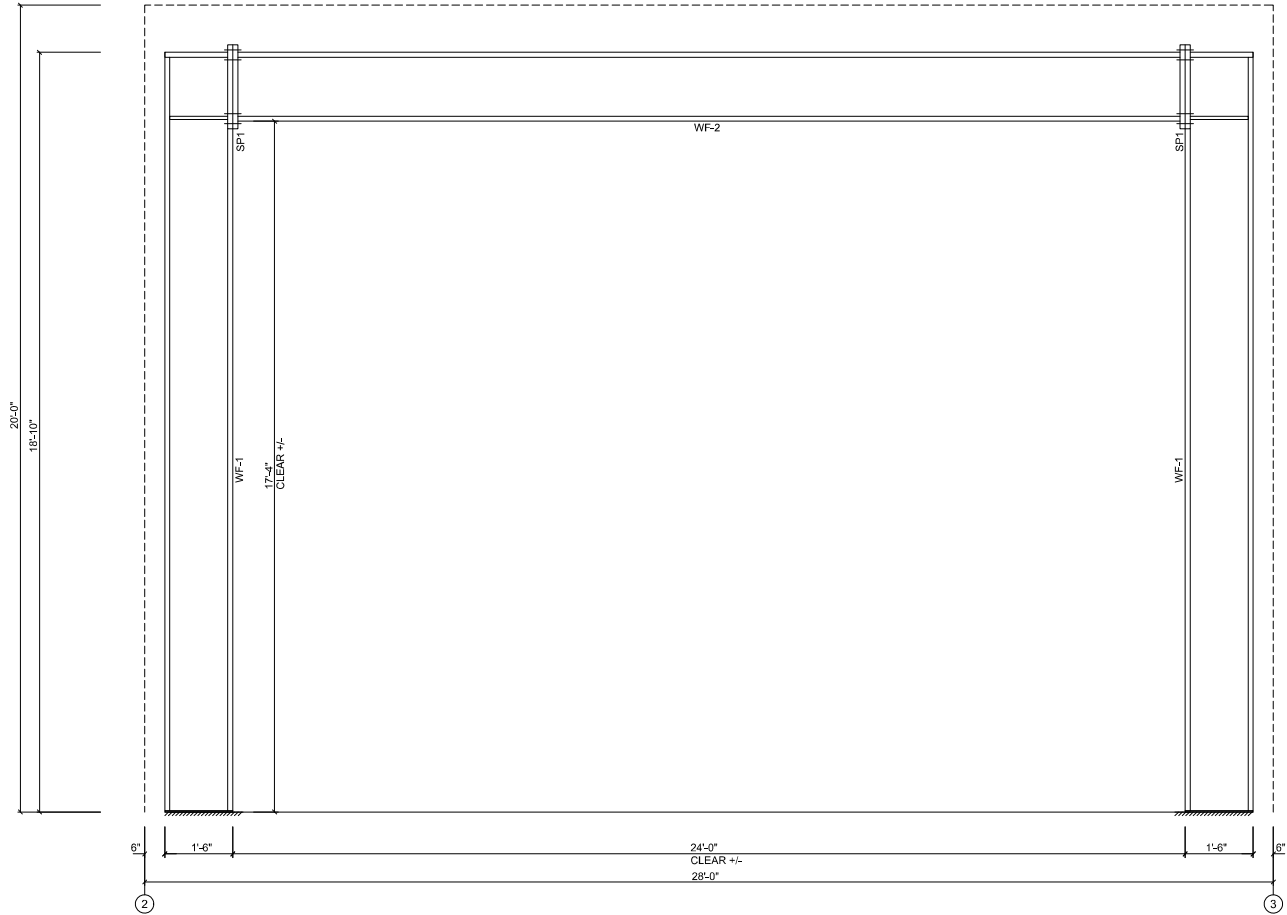


03/11/2025

Drawing	CROSS SECTION			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	CS1
	KAL	DB	B3025326	CS2
	2/10/25	2/27/25		

SPICE BOLTS					
Splice Mark	Quan	Bolt			
	Top/ Bot	Type	Dia	Length	
SP1	4	4	A325	5/8"	2"

MEMBER SIZE TABLE (in)							
MARK	WEIGHT	LENGTH	WEB DEPTH START/END	WEB PLATE		OUTSIDE FLANGE T x W x LENGTH	INSIDE FLANGE T x W x LENGTH
				THICK	LENGTH		
WF-1	495	226.0	17.3/17.3	0.156	18'-10"	3/8" x 6 x 18'-10"	3/8" x 6 x 18'-10"
WF-2	546	288.0	17.5/17.5	0.125	24'-0"	1/4" x 8 x 24'-0"	1/4" x 8 x 24'-0"



TO BE
USED FOR
CONSTRUCTION

REFERENCE NOTES:

1. **Snug Tight:** Snug Tightened Joints are used. See General Information Snug Tight Sheet for bolt tightening information.
2. **Storage:** Fastener components shall be protected from dirt and moisture in closed containers at the site of installation. Only as many fastener components as are anticipated to be installed during the work shift shall be taken from protected storage. Fastener components that are not incorporated into the work shall be returned to protected storage at the end of the work shift.
3. **Bolt and Nut Specifications:** Bolts are high strength bolts conforming to ASTM F3125 Grade A325 or Grade A490. Nuts are high strength nuts conforming to ASTM A194 Grade 2 or 2H or ASTM A563 Grade C, D, or DH nut specifications. Substitution of mild steel bolts or nuts is not allowed and any field substitution will void the design warranty.
4. **Eave Height:** Eave height dimension is not always to the top of the eave strut. Due to thermal block situations, eave height dimension and top girt space dimension may be to the intersection of the top of the purlins. Refer to the eave details for more information.

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

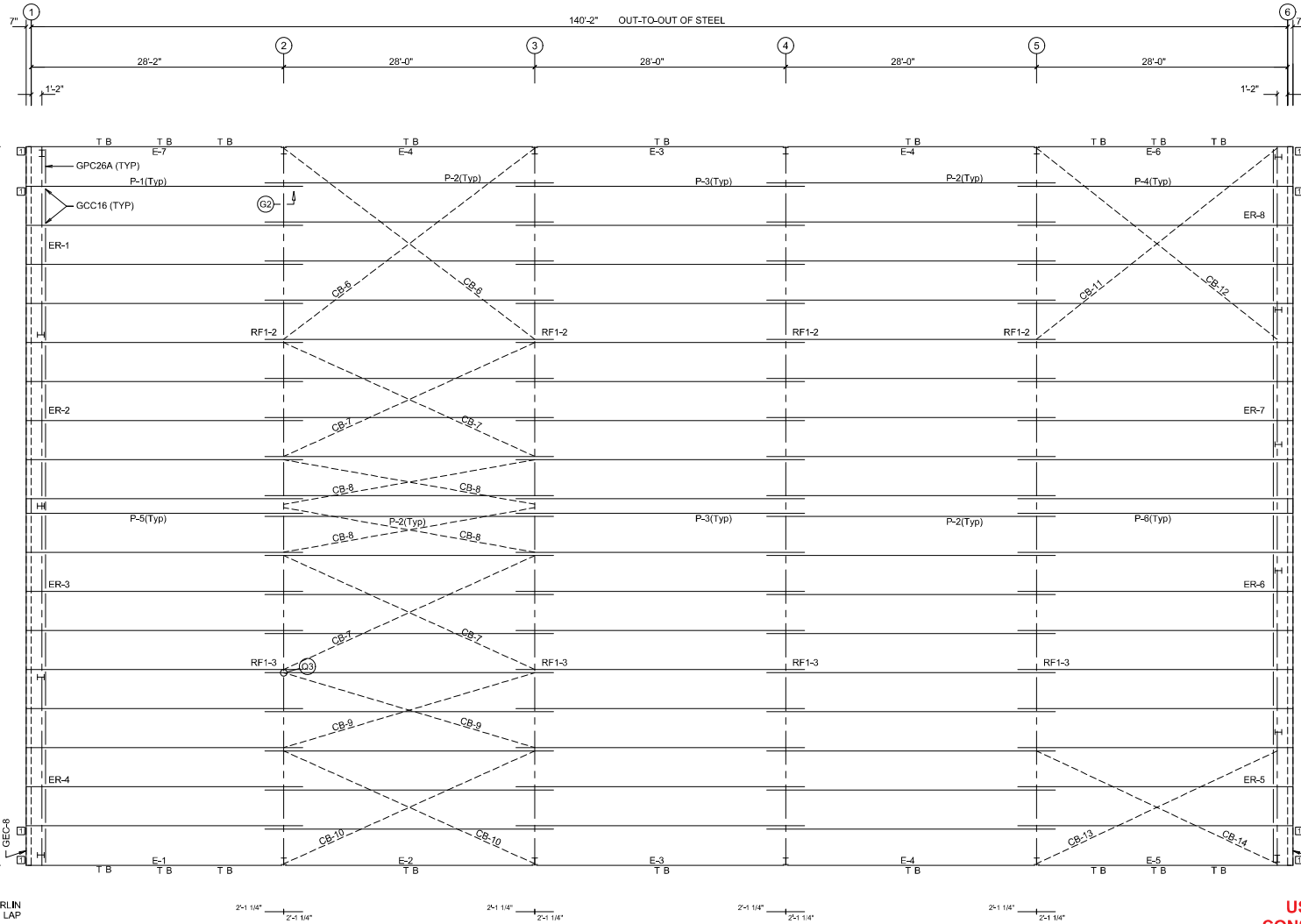
Chief Buildings
PO Box 2073, Grand Island, NE 68802-2073
(308) 389-7289 cbs@chiefbuild.com



03/11/2025

Drawing	CROSS SECTION			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	CS2
	KAL	DB	B3025326	
	2/10/25	2/21/25		CS2

- Details Order (Diff Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-Labels)
 - Panel Specific Info, (Y#-Labels)
 - Mezzanine Info, (Z#-Labels)
 - Panel/Trim Details
 - Opening Flashing Details



CONNECTION PLATES			
ROOF PLAN			
CH	QUANT	MARK	PART
1	8	XLGA1	

ROOF FRAMING PLAN

PURLIN DEPTH: 8.00

REFERENCE NOTES:
SAG ANGLE NOMENCLATURE
• "T" = TOP SAG ANGLE ROW.
• "B" = BOTTOM SAG ANGLE ROW.

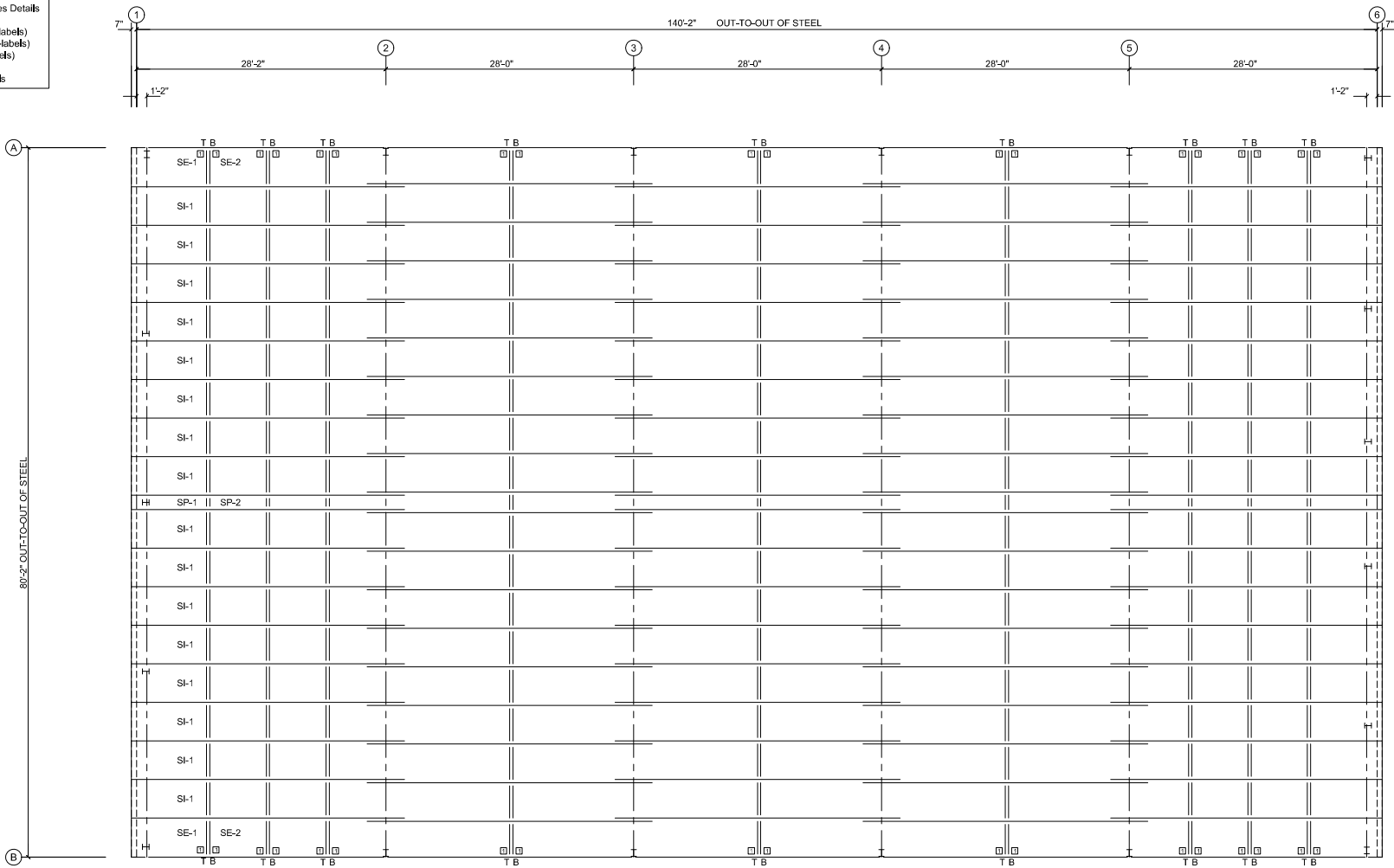
REVISIONS	
4	Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.
3	
2	
1	



Drawing	ROOF FRAMING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuguay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	RF1
	BD/KAL	ALI/DB	B3025326	RF3
2/10/25		3/6/25		

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-labels)
 - Panel Specific Info, (Y#-labels)
 - Mezzanine Info, (Z#-labels)
 - Panel/Trim Details
 - Opening Flashing Details

CONNECTION PLATES		
ID	QUAN	MARK/PART
1	36	XBC1



TO BE
USED FOR
CONSTRUCTION

PURLIN BRACING PLAN

PURLIN DEPTH: 8.00

REFERENCE NOTES:
SAG ANGLE NOMENCLATURE
• "T" = TOP SAG ANGLE ROW.
• "B" = BOTTOM SAG ANGLE ROW.

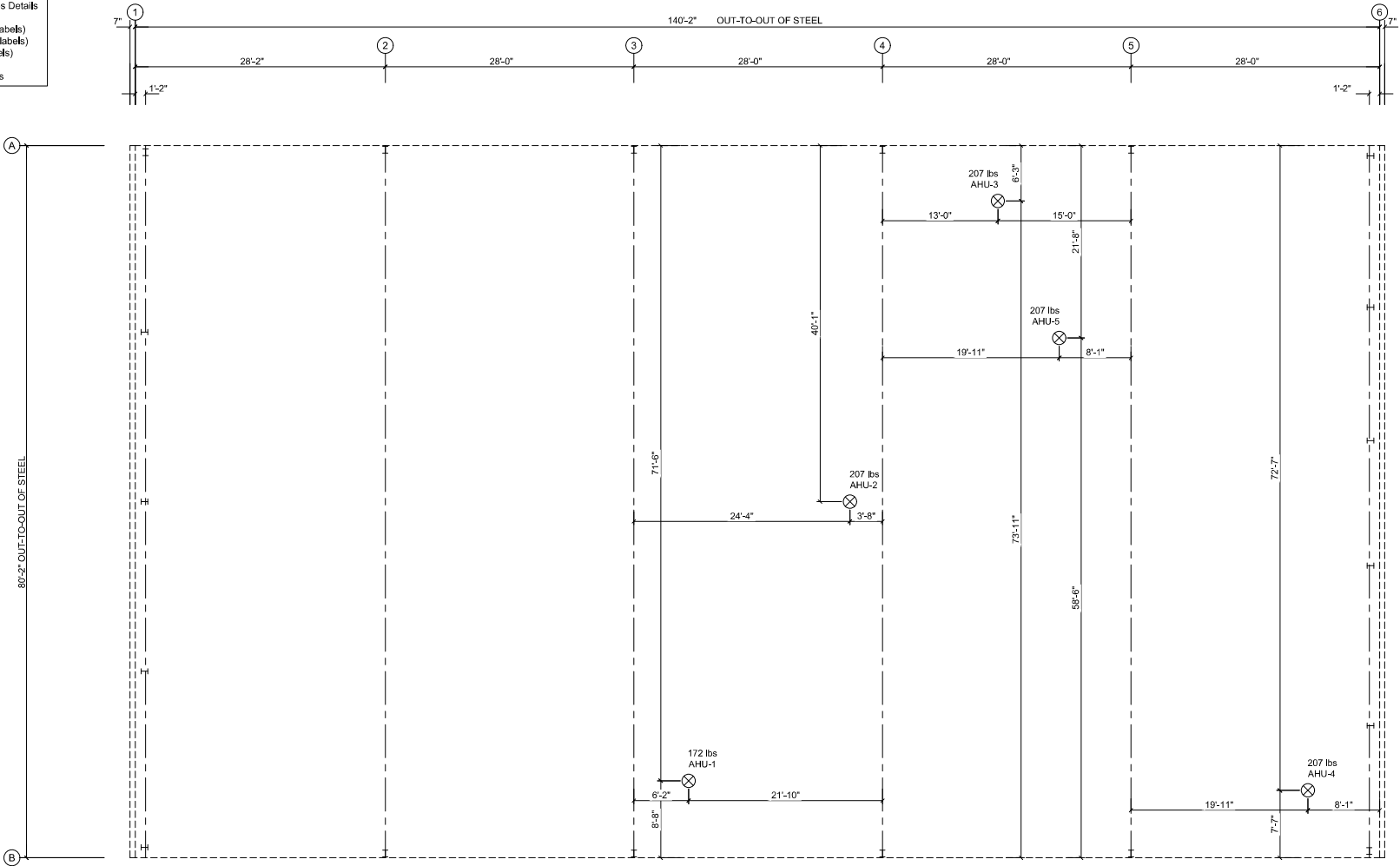
REVISIONS	
4	Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.
3	
2	
1	



03/11/2025

Drawing	ROOF FRAMING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuguay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	RF2
	BD	ALI	B3025326	RF3
2/10/25		3/6/25		

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-labels)
 - Panel Specific Info, (Y#-labels)
 - Mezzanine Info, (Z#-labels)
 - Panel/Trim Details
 - Opening Flashing Details



TO BE
USED FOR
CONSTRUCTION

ROOF SUSPENDED LOAD PLAN

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 357-7259 cbs@chiefbuildings.com

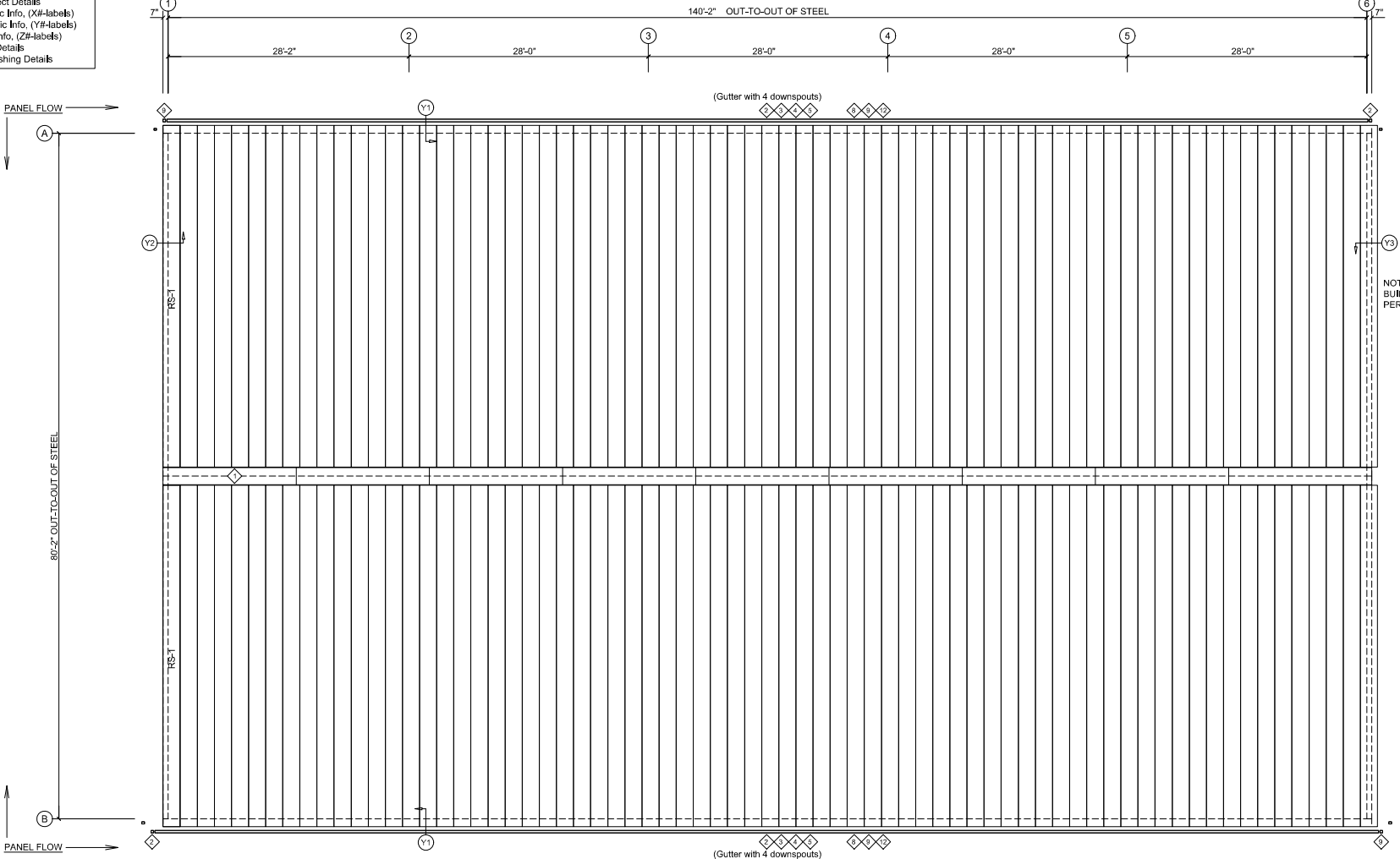


03/11/2025

Drawing	ROOF SUSPENDED LOAD PLAN			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
DRAWN	CHECK	ORDER NO.	RF3	
BD/KAL	ALI			
2/10/25	3/6/25	B3025326	RF3	



- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-Labels)
 - Panel Specific Info, (Y#-Labels)
 - Mezzanine Info, (Z#-Labels)
 - Panel/Trim Details
 - Opening Flashing Details



TRIM TABLE				
ROOF PLAN				
QID	QUAN.	PART	COLOR	LENGTH
1	9	RCL26A	GM	206"
2	4	ECLM26	AQ	9"
3	2	EGM26C	AQ	74"
4	16	EGM26A	AQ	206"
5	142	GSMA	GM	12 13/16"
8	2	GRS6	AQ	10"
9	4	ECRM26	AQ	9"
12	18	TCM6A	AQ	206"

PANEL TABLE		
ROOF PLAN		
QUAN	MARK	LENGTH
142	RS-1	492 3/4"

NOTE: SPT-1, FLAT STOCK SENT PER
BUILDER REQUEST, FOR USE AROUND ROOF
PERIMETER AS REQUIRED.

Reference Note:
Roof Panel system is based on the following

1) MSC High system (Clip offset = 1 3/8"; Bottom of roof panel to top of purlin)
2) A clip MUST be installed on ALL purlins unless noted otherwise.
3) (2) 1/4-14 x 1" fasteners per clip unless otherwise noted.
4) 1" Thermal Spacers

Roof panel modularity must be maintained during installation in order to assure coverage with the panels supplied.

REVISIONS

1

2

3

4

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 357-7259 info@chiefbuildings.com

03/11/2025

SEAL

044397

CHIEF BUILDINGS

TO BE USED FOR CONSTRUCTION

Drawing

Buyer

Customer

Project Name

ROOF PANEL

Triangle Home Pros, LLC

Martinez Commercial Properties, LLC
Fuquay Varina, NC 27526

E & M Concrete

DRAWN

BD

2/10/25

CHECK

ALI

3/6/25

ORDER NO.

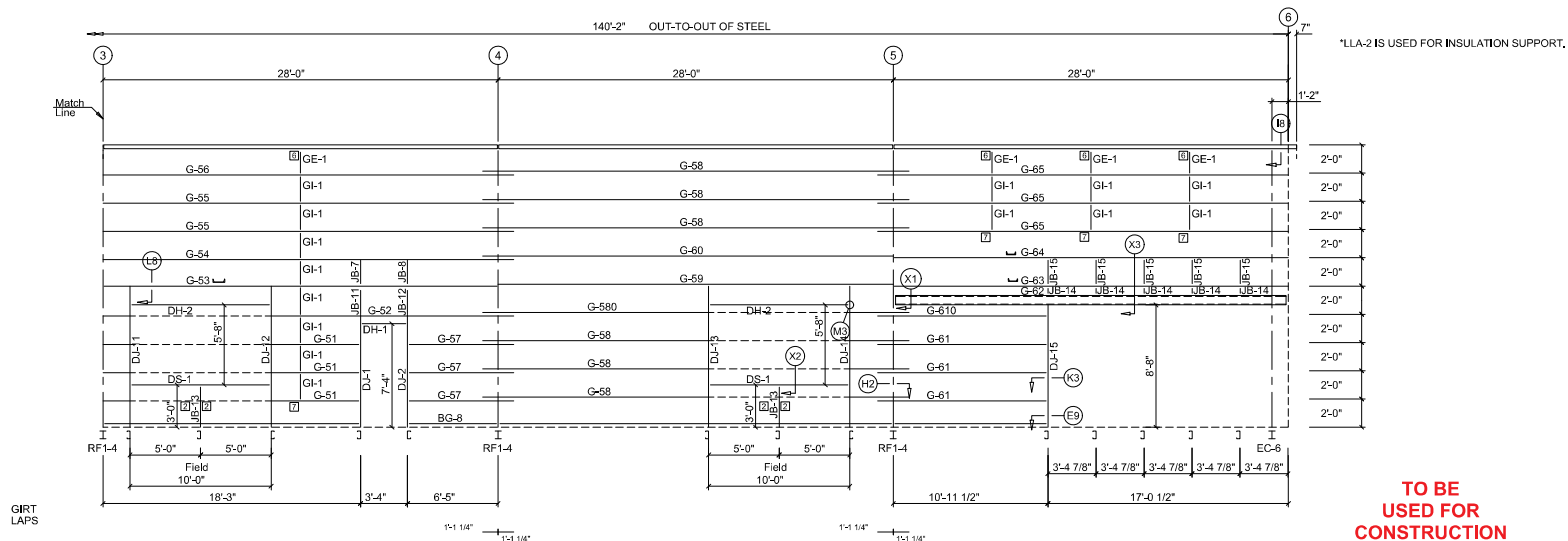
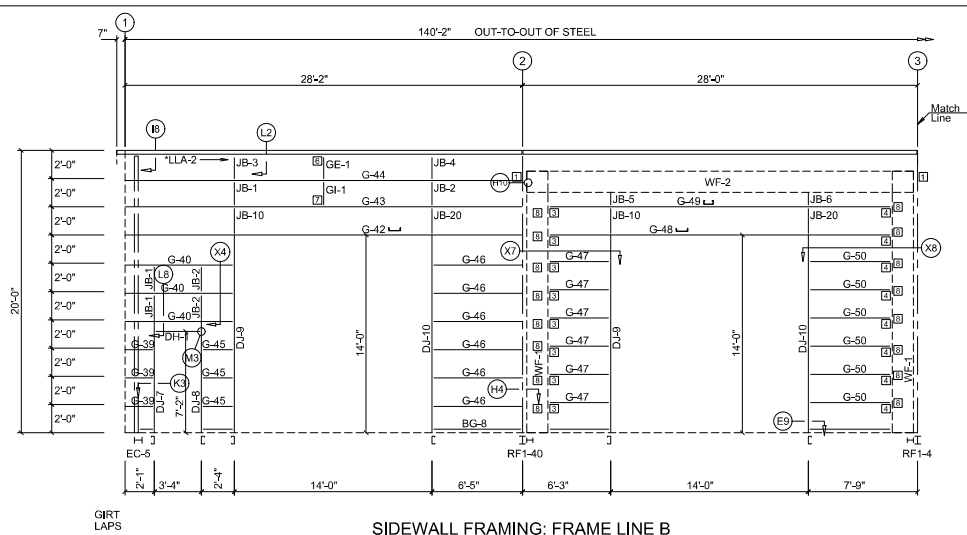
B3025326

RP1

RP1

- | Details Order (D# Pages) |
|--|
| <ul style="list-style-type: none"> • Flange Brace/Sag Angles Details • Typical Project Details • Steel Specific Info, (X#-labels) • Panel Specific Info, (Y#-labels) • Mezzanine Info, (Z#-labels) • Panel/Trim Details • Opening Flashing Details |

CONNECTION PLATES		
FRAME LINE B		
ID	QUAN	MARK/PART
1	2	XBC102
2	4	XBC84
3	8	XGCA7
4	8	XGCA8
6	5	XBC65
7	5	XBC1
8	16	XGA36



**TO BE
USED FOR
CONSTRUCTION**

GIRT DEPTH: 8.00


REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2077, Grand Island, NE 68802-2078
(308) 389-7269 cs@chiefind.com

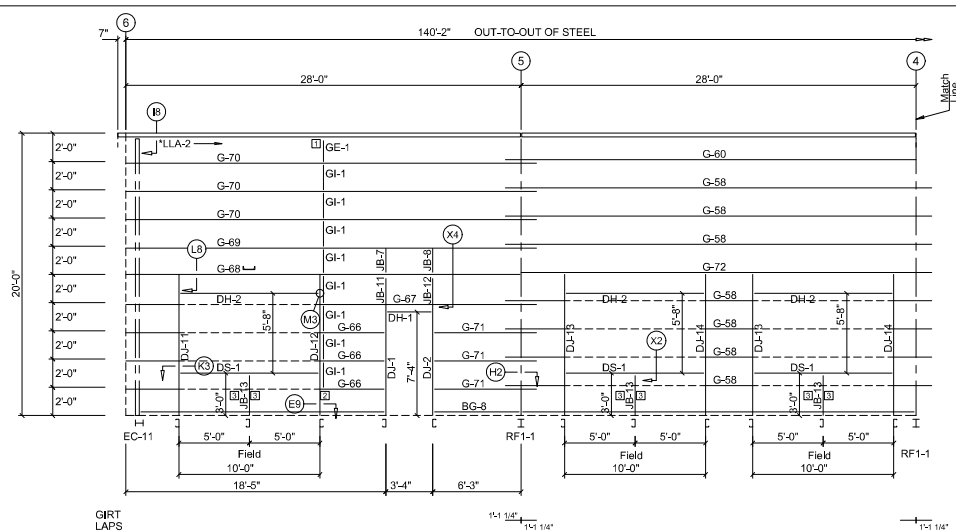


03/11/2025

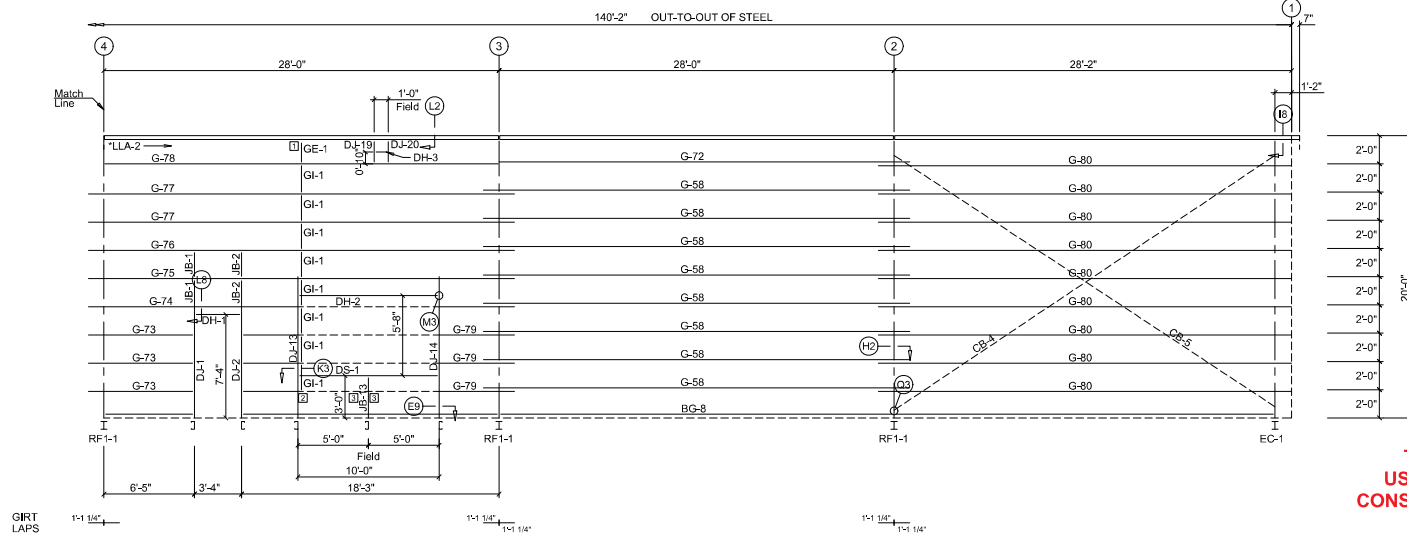
Drawing	SIDEWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	S1
	BD/KAL	AL LDB	B3025326	S4
	21/10/25	3/6/25		

- | Details Order (D# Pages) |
|---|
| <ul style="list-style-type: none"> • Flange Brace/Sag Angles Details • Typical Project Details • Steel Specific Info, (X#-labels) • Panel Specific Info, (Y#-labels) • Mezzanine Info, (Z#-labels) • Panel/Trim Details • Opening Flashing Details |

CONNECTION PLATES FRAME LINE A		
ID	QUAN	MARK/PART
1	2	XBC65
2	2	XBC1
3	8	XBC84



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE A

**TO BE
USED FOR
CONSTRUCTION**

GIRT DEPTH: 8.00


REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

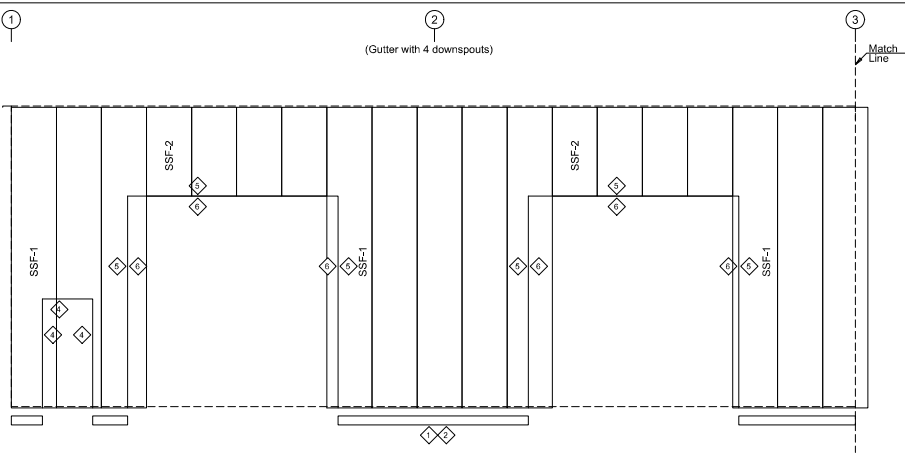
Chief Buildings
P.O. Box 276, Grand Island, NE 68802-2078
(308) 389-7269 cs@chiefind.com



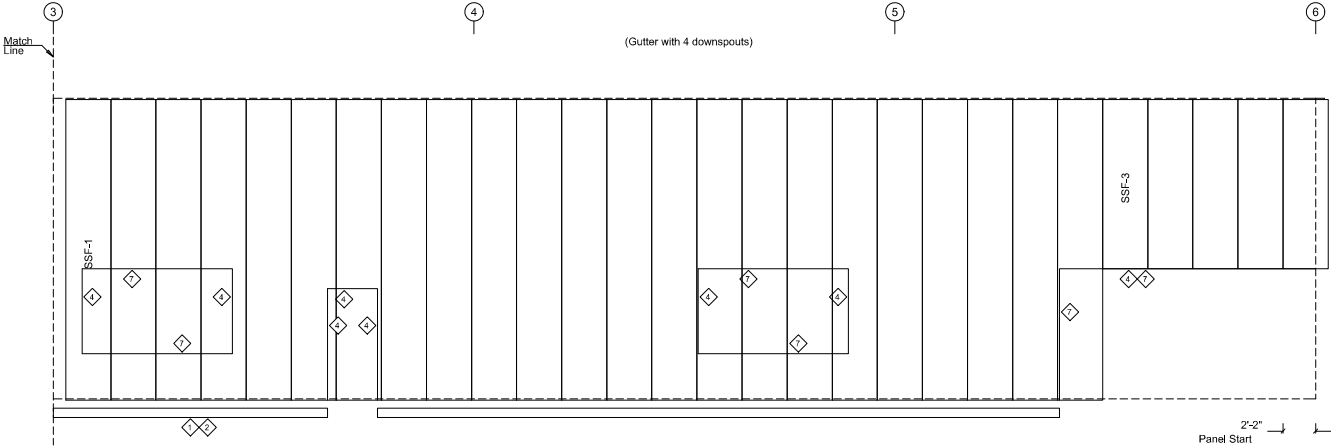
03/11/2025

Drawing	SIDEWALL DRAWING		
Buyer	Triangle Home Pros, LLC		
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526		
Project Name	E & M Concrete		
	DRAWN	CHECK	ORDER NO.
	BD/KAL	AL/IDB	B3025326
	2/10/25	3/6/25	
			<div>S2</div> <div>S4</div>

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-labels)
 - Panel Specific Info, (Y#-labels)
 - Mezzanine Info, (Z#-labels)
 - Panel/Trim Details
 - Opening Flashing Details



SIDEWALL PANEL & TRIM: FRAME LINE B
PANELS: 24 Ga. AP - Galvalume (GM)



SIDEWALL PANEL & TRIM: FRAME LINE B
PANELS: 24 Ga. AP - Galvalume (GM)

NOTE: Building "A", Column Line "B"
(STANDARD GUTTER) (SINGLE DOWNSPOUT DROP)
(4) Downspout drops provided for this wall
Each drop consists of:
(2) 12'-0" Downspout(s) (1) "A" Elbow(s)

NOTE: Using standard gutter and downspouts, locate downspouts at a spacing not to exceed
59.4 ft with first downspout within 29.7 ft from ends of gutter. This spacing is based on rainfall
intensity of 6.5 inches per hour and MBMA Metal Building Systems Manual Appendix A4.2.

GENERAL NOTES:

1. All trims to receive a 2" lap unless otherwise noted.

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2075, Grand Island, NE 68802-2075
(308) 395-7259 fax@chiefbu.com



03/11/2025

TRIM TABLE				
LINE: 9				
QID	QUAN.	MARK	COLOR	LENGTH
1	2	BTN6B	GM	146"
2	4	BTN6A	GM	206"
4	11	JT6C	AQ	90"
5	6	DT86A	AQ	206"
6	6	JT6A	AQ	206"
7	6	JT6B	AQ	146"

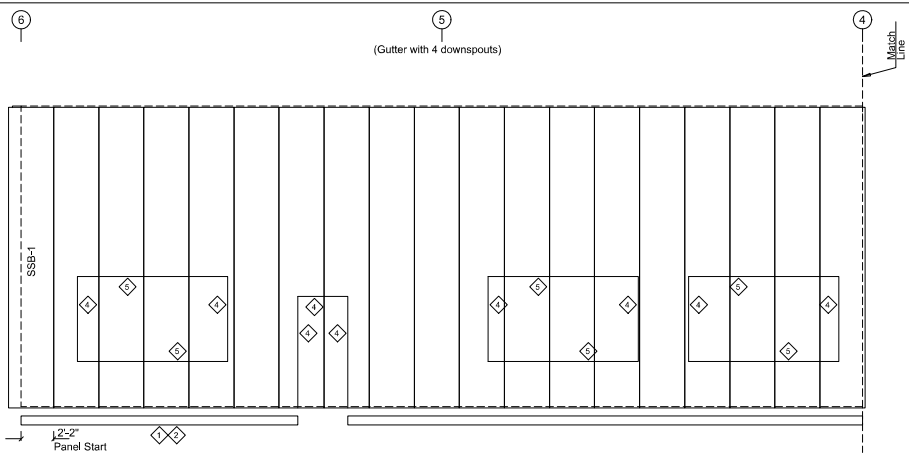
PANEL TABLE		
FRAME LINE B		
QUAN.	MARK	LENGTH
34	SSF-1	240"
8	SSF-2	71"
5	SSF-3	135"

TO BE
USED FOR
CONSTRUCTION

Drawing	SIDEWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuguay Varina, NC 27526			
Project Name	E & M Concrete			
DRAWN	BD	CHECK	ORDER NO.	S3
	2/10/25	3/6/25	B3025326	S4

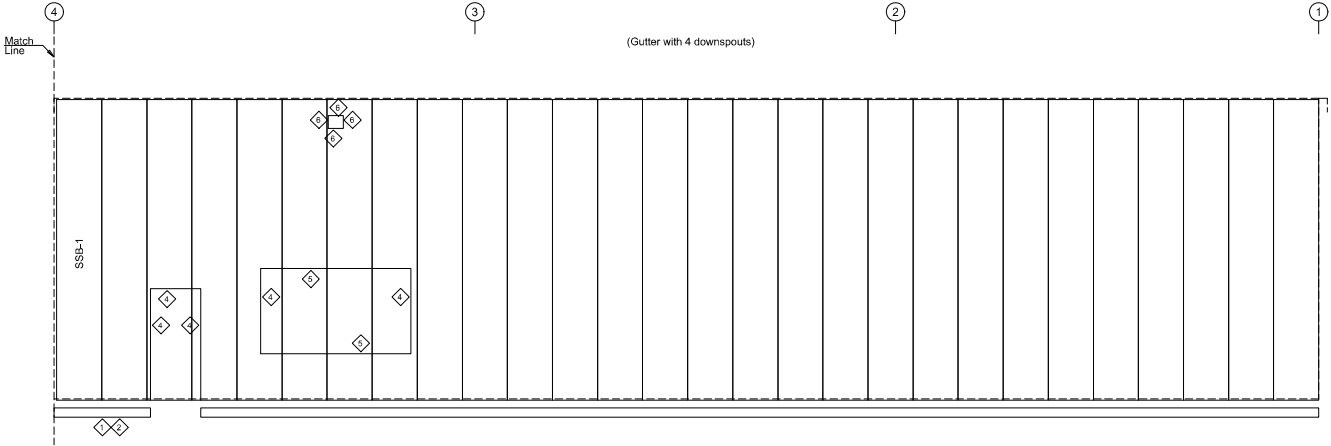


- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-labels)
 - Panel Specific Info, (Y#-labels)
 - Mezzanine Info, (Z#-labels)
 - Panel/Trim Details
 - Opening Flashing Details



SIDEWALL PANEL & TRIM: FRAME LINE A

PANELS: 24 Ga, AP - Galvalume (GM)



SIDEWALL PANEL & TRIM: FRAME LINE A

PANELS: 24 Ga, AP - Galvalume (GM)

NOTE: Building "A", Column Line "A"
(STANDARD GUTTER) (SINGLE DOWNSPOUT DROP)
(4) Downspout drops provided for this wall
Each drop consists of:
(2) 12'-0" Downspout(s) (1) "A" Elbow(s)

NOTE: Using standard gutter and downspouts, locate downspouts at a spacing not to exceed
59.4 ft with first downspout within 29.7 ft from ends of gutter. This spacing is based on rainfall
intensity of 6.5 inches per hour and MBMA Metal Building Systems Manual Appendix A4.2.

GENERAL NOTES:

1. All trims to receive a 2" lap unless otherwise noted.

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 357-7259 cbs@chiefbuildings.com



03/11/2025

TRIM TABLE				
LINE: A				
QID	QUAN.	MARK	COLOR	LENGTH
1	4	BTN6B	GM	146"
2	6	BTN6A	GM	206"
4	14	JT6C	AQ	90"
5	8	JT6B	AQ	146"
6	4	JT6D	AQ	42"

PANEL TABLE		
FRAME LINE A		
QUAN	MARK	LENGTH
47	SSB-1	240'

TO BE
USED FOR
CONSTRUCTION

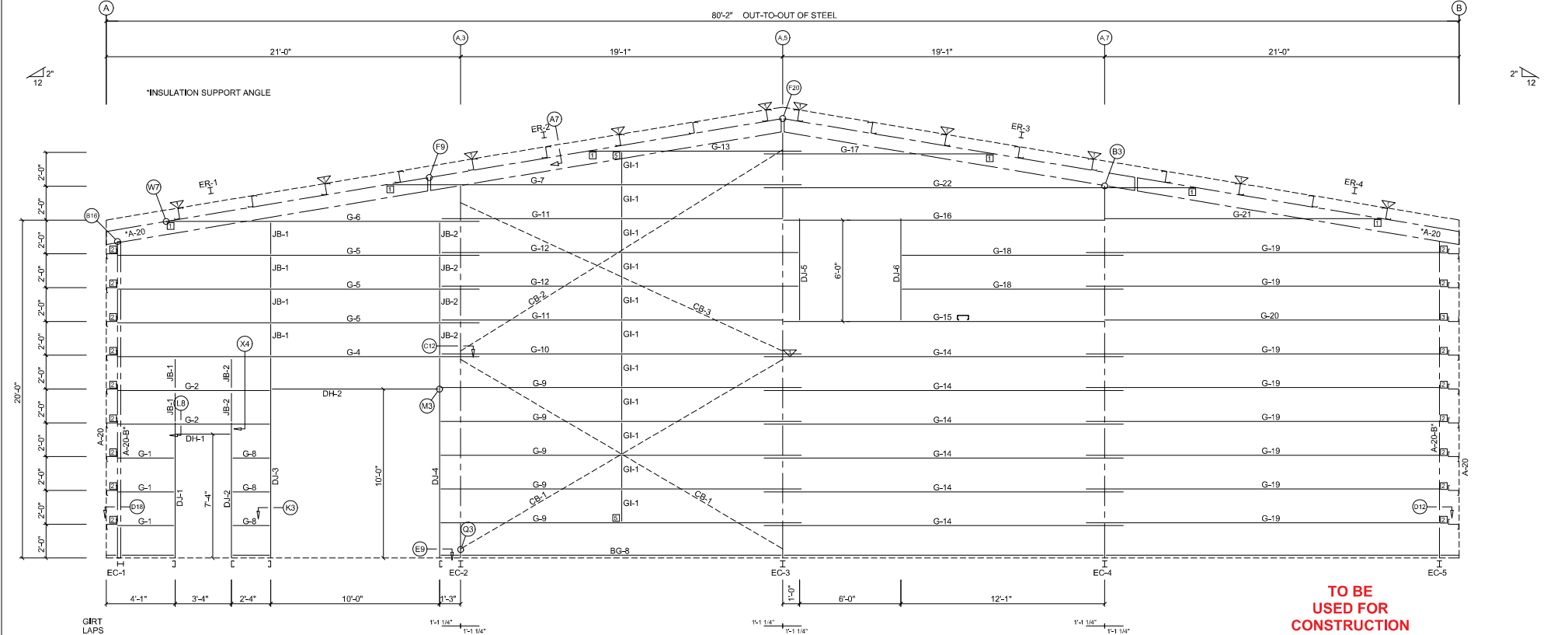
Drawing	SIDEWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	S4
	BD	ALI	B3025326	S4
	2/10/25	3/6/25		

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-Labels)
 - Panel Specific Info, (Y#-Labels)
 - Mezzanine Info, (Z#-Labels)
 - Panel Trim Details
 - Opening Flashing Details

FLANGE BRACE TABLE FRAME LINE 1						
#	SIDES	MARK	BRACE DIST.	DETAIL	CLIP 1	CLIP 2
1	1	FB2	1'-0"	4-10	XFBP12	XFBP10
					L15151/8	

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2"
ER-2/ER-3	6	A325	5/8"	2"
ER-3/ER-4	8	A325	5/8"	2"
Columns/Raf	4	A325	1/2"	1 1/4"

CONNECTION PLATES FRAME LINE 1			
ID	QUAN	MARK/PART	
1	6	XBC87	
2	17	XBC38	
3	1	PL-1	
5	2	XBC1	



ENDWALL FRAMING: FRAME LINE 1

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Mand, NE 68802-2078
(308) 389-7289 info@chiefbuild.com



Drawing	ENDWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	E1
	BD/KAL	AL/MD	B3025326	E4
	2/10/25	3/6/25		

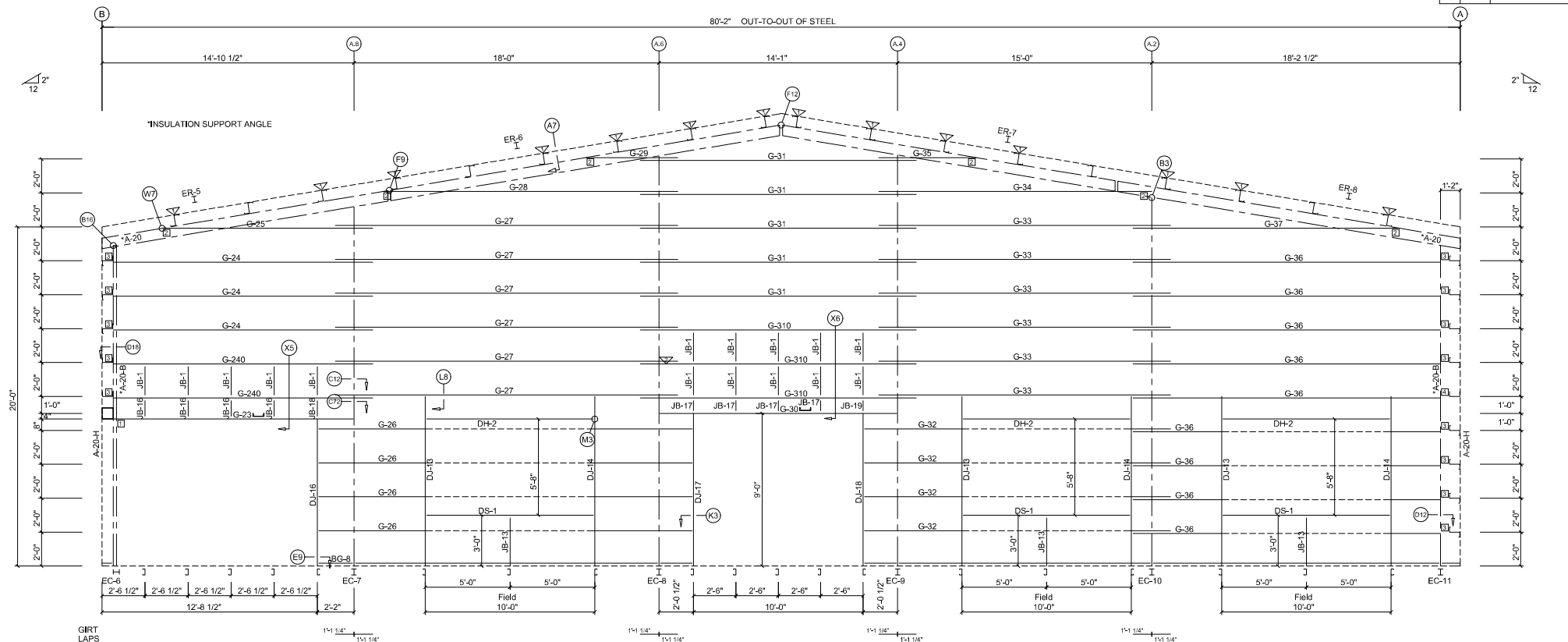
- | Details Order (D# Pages) |
|---|
| <ul style="list-style-type: none"> • Flange Brace/Sag Angles Details • Typical Project Details • Steel Specific Info, (X#-labels) • Panel Specific Info, (Y#-labels) • Mezzanine Info, (Z#-labels) • Panel/Trim Details • Opening Flashing Details |

FLANGE BRACE TABLE							
FRAME LINE 6							
▽ ID	# SIDES	MARK	BRACE DIST.	DETAIL	CLIP 1	CLIP 2	PART
1	1	FB1	1'-0"	4-10	XFBP12	XFBP10	L15151/8
2	1	FB2	1'-0"	4-10	XFBP12	XFBP10	L15151/8





BOLT TABLE				
FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-5/ER-6	8	A325	5/8"	2"
ER-6/ER-7	8	A325	5/8"	2"
ER-7/ER-8	8	A325	5/8"	2"
Columns/Raf	4	A325	1/2"	1 1/4"

CONNECTION PLATES		
FRAME LINE 6		
<input type="checkbox"/> ID	QUAN	MARK/PART
1	1	PL51
2	6	XBC87
3	13	XBC38
4	1	PL-1

TO BE
USED FOR
CONSTRUCTION




GIRT DEPTH: 8.00

   	<h2 style="text-align: center;">REVISIONS</h2>	<p>Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as the Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.</p> <p><i>Chief Buildings</i> PO Box 2078, Grand Island, NE 68802-0078 408.386.0285 info@chiefbuilds.com</p>
--	--	--



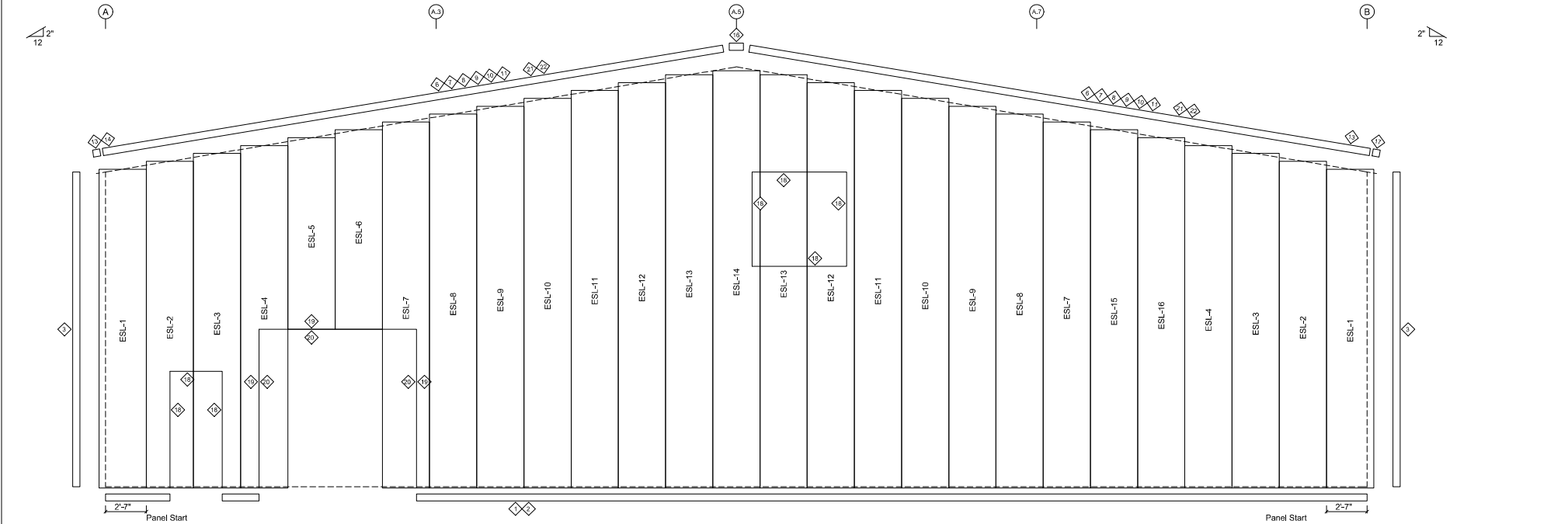
03/11/2025

Drawing	ENDWALL DRAWING		
Buyer	Triangle Home Pros, LLC		
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526		
Project Name	E & M Concrete		
	DRAWN	CHECK	ORDER NO.
	BD	ALLIED	B3025326
	2/10/25	3/6/25	
			E2 F4

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-Labels)
 - Panel Specific Info, (Y#-Labels)
 - Mezzanine Info, (Z#-Labels)
 - Panel Trim Details
 - Opening Flashing Details

PANEL TABLE		
FRAME LINE 1		
QUAN	MARK	LENGTH
2	ESL-1	243 3/16"
2	ESL-2	249 3/16"
2	ESL-3	255 3/16"
2	ESL-4	261 3/16"
1	ESL-5	146 3/16"
1	ESL-6	152 3/16"
2	ESL-7	279 3/16"
2	ESL-8	285 3/16"
2	ESL-9	291 3/16"
2	ESL-10	297 3/16"
2	ESL-11	303 3/16"
2	ESL-12	309 3/16"
2	ESL-13	315 3/16"
1	ESL-14	318 3/16"
1	ESL-15	273 3/16"
1	ESL-16	267 3/16"

TRIM TABLE				
LINE 1				
QID	QUAN.	MARK	COLOR	LENGTH
1	3	BTN6B	GM	146"
2	3	BTN6A	GM	206"
3	4	CTA6B	GM	146"
6	6	SCT6A	GM	206"
7	2	GTM6B	AQ	146"
8	4	GTM6A	AQ	206"
9	14	GT6A	AQ	30"
10	2	GET6B	AQ	146"
11	4	GET6A	AQ	206"
13	2	GCTMC6	AQ	11 1/16"
14	1	TPLMC6	AQ	11"
16	1	GRTMC6	AQ	20 3/16"
17	1	TPRMC6	AQ	11"
18	7	JT6C	AQ	90"
19	3	DT6B	AQ	146"
20	3	JT6B	AQ	146"
21	4	EF6A	AQ	206"
22	2	EF6B	AQ	146"



ENDWALL PANEL & TRIM: FRAME LINE 1
PANELS: 24 Ga, AP - Galvalume (GM)

TO BE
USED FOR
CONSTRUCTION

GENERAL NOTES:
1. All trims to receive a 2" lap unless otherwise noted.

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Mand, NE 68802-2078
(308) 389-7289 cbs@chiefbuild.com

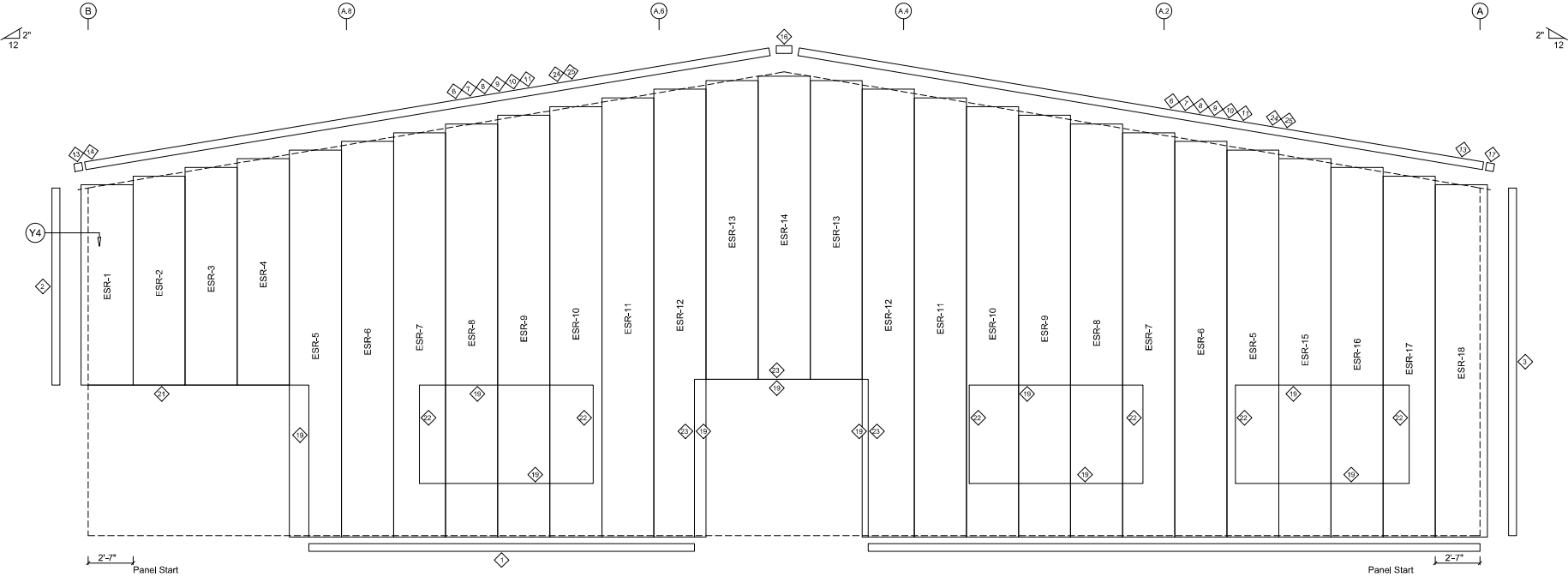


Drawing	ENDWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	E3
	BD	ALI	B3025326	E4
2/10/25		3/6/25		

- Details Order (D# Pages)
- Flange Brace/Sag Angles Details
 - Typical Project Details
 - Steel Specific Info, (X#-labels)
 - Panel Specific Info, (Y#-labels)
 - Mezzanine Info, (Z#-labels)
 - Panel Trim Details
 - Opening Flashing Details

PANEL TABLE		
FRAME LINE 6		
QUAN	MARK	LENGTH
1	ESR-1	138 3/16"
1	ESR-2	144 3/16"
1	ESR-3	150 3/16"
1	ESR-4	156 3/16"
2	ESR-5	267 3/16"
2	ESR-6	273 3/16"
2	ESR-7	279 3/16"
2	ESR-8	285 3/16"
2	ESR-9	291 3/16"
2	ESR-10	297 3/16"
2	ESR-11	303 3/16"
2	ESR-12	309 3/16"
2	ESR-13	206 3/16"
1	ESR-14	209 3/16"
1	ESR-15	261 3/16"
1	ESR-16	255 3/16"
1	ESR-17	249 3/16"
1	ESR-18	243 3/16"

TRIM TABLE				
LINE 6				
QID	QUAN.	MARK	COLOR	LENGTH
1	5	BTN6B	GM	146"
2	1	SPT-2	GM	146"
3	2	SPT-2	GM	146"
6	6	SCT6A	GM	206"
7	2	GTCMC6B	AQ	146"
8	4	GTCMA	AQ	206"
9	14	GTSA	AQ	30"
10	2	GET6B	AQ	146"
11	4	GET6A	AQ	206"
13	2	GCTMC6	AQ	11 1/16"
14	1	TPLMC6	AQ	11"
16	1	GRTMC6	AQ	20 3/16"
17	1	TPRMC6	AQ	11"
19	10	JT6B	AQ	146"
21	1	JT6A	AQ	206"
22	6	JT6C	AQ	90"
23	3	DT86B	AQ	146"
24	4	EF6A	AQ	206"
25	2	EF6B	AQ	146"



TO BE
USED FOR
CONSTRUCTION

ENDWALL PANEL & TRIM: FRAME LINE 6

PANELS: 24 Ga. AP - Galvalume (GM)

REVISIONS	
4	Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.
3	
2	
1	

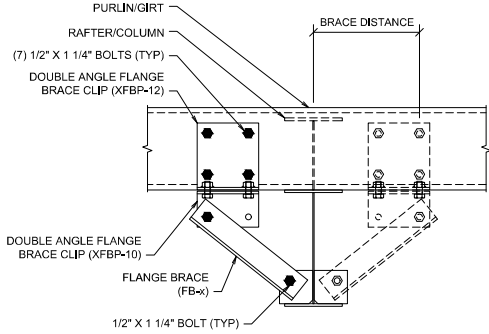
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.



Drawing	ENDWALL DRAWING			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	E4
	BD	ALI	B3025326	E4
03/11/2025		2/10/25	3/6/25	

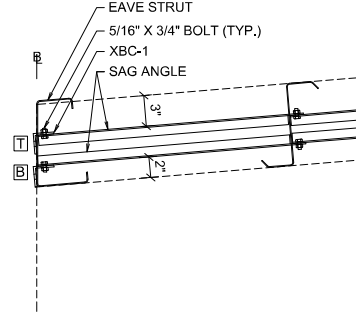
GENERAL NOTES:
1. All trims to receive a 2" lap unless otherwise noted.

- NOTE:
- Fill all holes in the flange brace with bolts.
 - If flange brace connection occurs within the purlin lap, install flange brace before tightening purlin bolts.
 - Flange brace may be one side only. For location and number of sides refer to Cross Sections, Endwall and Sidewall drawings.



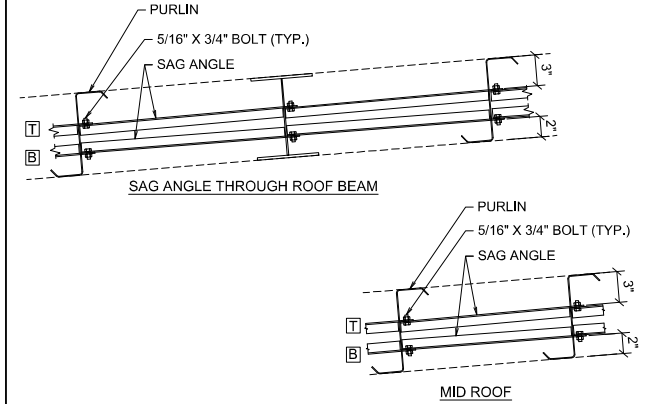
**FLANGE BRACE
"4-10 CONNECTION"**

T = Top Row Sag Angle
B = Bottom Row Sag Angle
 See Roof Framing Plans for Locations



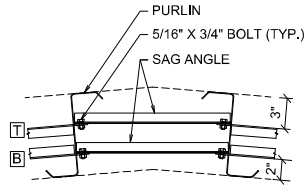
**LOW SIDE EAVE STRUT SAG ANGLE
STANDING SEAM ROOF**

T = Top Row Sag Angle
B = Bottom Row Sag Angle
 See Roof Framing Plans for Locations



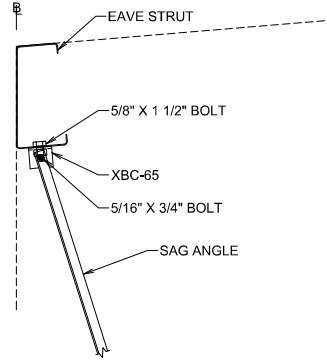
**INTERMEDIATE SAG ANGLE
STANDING SEAM ROOF**

T = Top Row Sag Angle
B = Bottom Row Sag Angle
 See Roof Framing Plans for Locations



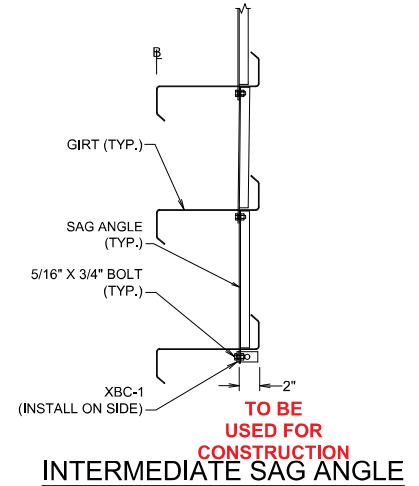
**RIDGE SAG ANGLE
STANDING SEAM ROOF**

NOTE : Girt sag angles are to be located toward "INSIDE" of building.



**SIDEWALL SAG ANGLE AT LOW SIDE
(High Side Sag Angle Connections typical)**

NOTE : Girt sag angles are to be located toward "INSIDE" of building.



**TO BE
USED FOR
CONSTRUCTION
INTERMEDIATE SAG ANGLE**

REVISIONS

4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

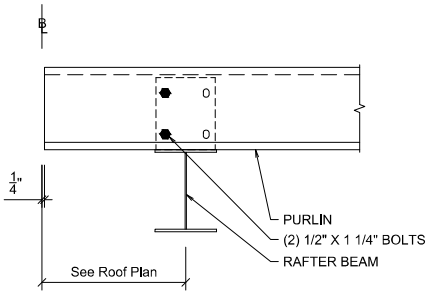
Chief Buildings
 PO Box 2078, Grand Island, NE 68802-2078
 (408) 388-7289 cs@chiefmb.com



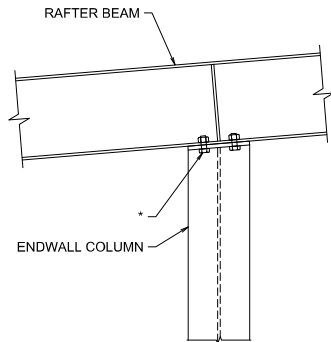
03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D1
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		

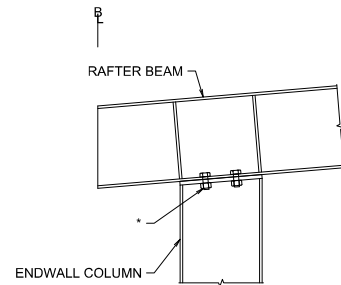
NOTE: The "Standard" bolting requirements for a purlin to clip is shown below. See the Special Bolts Roof Plan table on the Roof Framing Plan for additional bolts. The (P) symbol will reference additional bolts, if required.



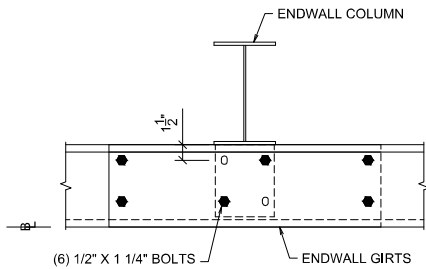
A7 SECTION THRU ENDWALL RAFTER



B3 RAFTER BEAM TO COLUMN



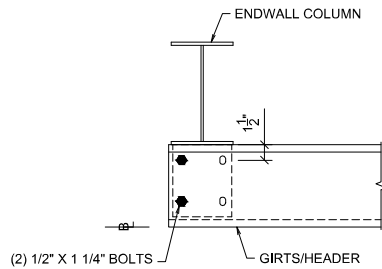
B16 ROTATED CORNER COLUMN TO RAFTER BEAM



NOTE:

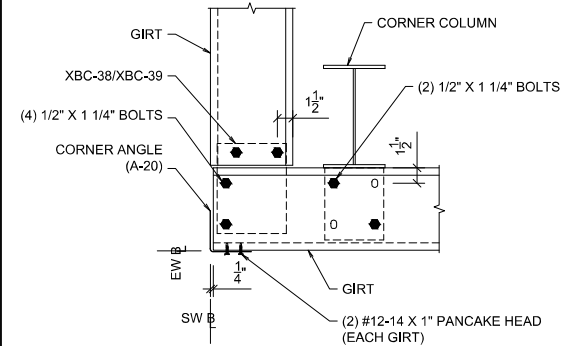
- Flange Brace are not shown. Refer to Endwall drawings for Flange Brace locations and number of sides.

C12 WALL GIRT TO WIDE FLANGE ENDWALL COLUMN



NOTE: Flange Braces are not shown. Refer to Endwall drawings for Flange Brace locations and number of sides.

C72 ENDWALL COLUMN TO WALL GIRT



**TO BE
USED FOR
CONSTRUCTION**
D12 CORNER COLUMN TO WALL GIRT

REVISIONS

4	
3	
2	
1	

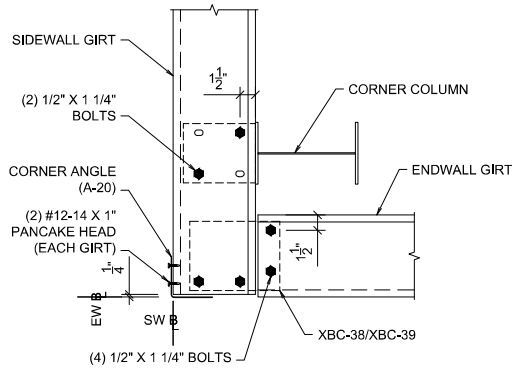
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 389-2189 cs@chiefind.com



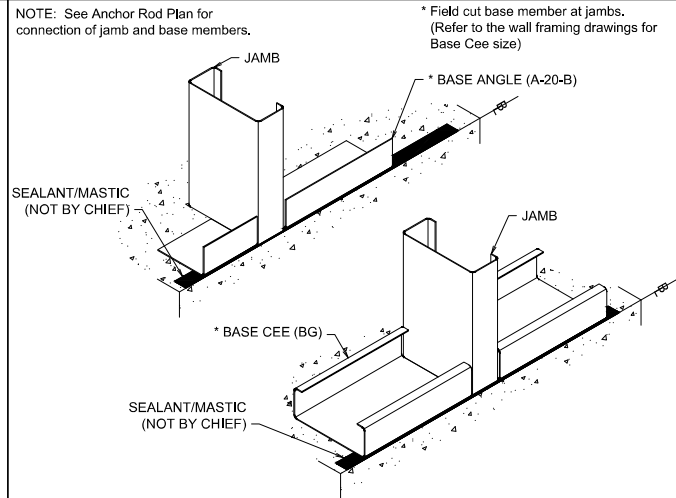
03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D2
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		



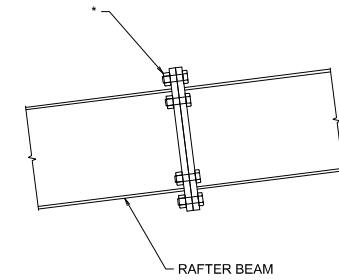
D18

CORNER COLUMN TO WALL GIRT



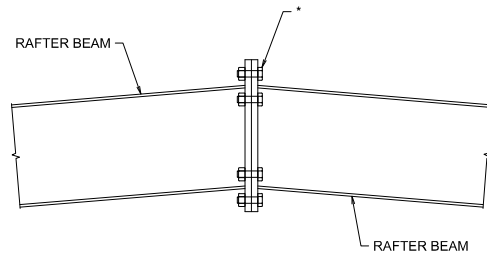
E9

BASE MEMBER



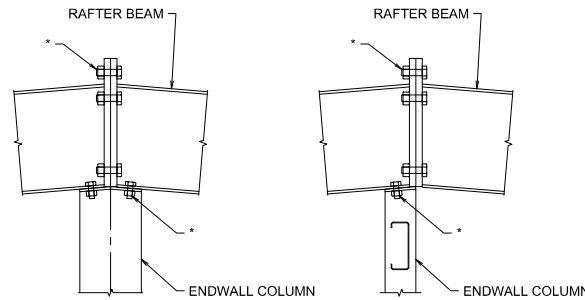
F9

RAFTER BEAM SPLICE



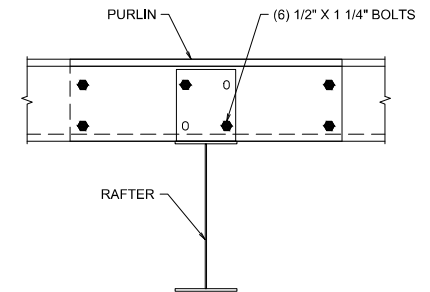
F12

RAFTER BEAM CONNECTION AT RIDGE



F20

RAFTER BEAM SPLICE



G2

ROOF PURLIN TO INTERIOR
FRAME RAFTER

**TO BE
USED FOR
CONSTRUCTION**

REVISIONS

4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

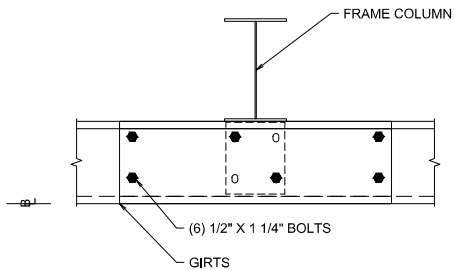
Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 383-7289 cs@chiefind.com



03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	D3
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		

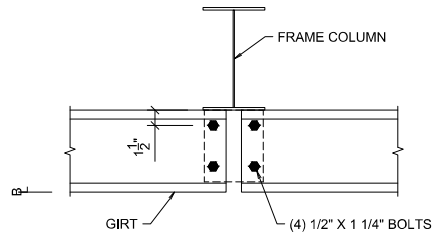




NOTE:
Flange Braces are not shown. Refer to Cross Section, Endwall, or Sidewall drawings for Flange Brace locations and number of sides.

H2

WALL GIRT TO FRAME COLUMN

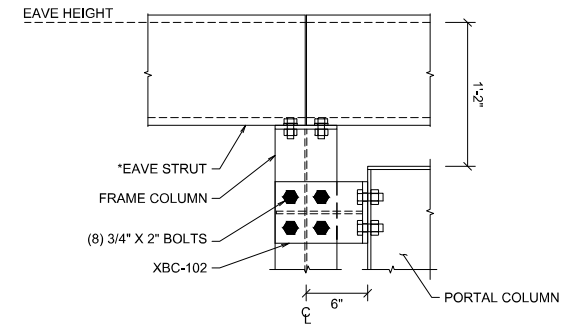


NOTE:
Flange Brace are not shown. Refer to Cross Section or Sidewall drawings for Flange Brace locations and number of sides.

H4

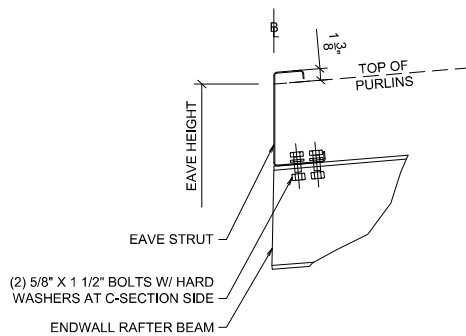
WALL GIRT TO FRAME COLUMN

* SEE ADDITIONAL DETAILS FOR
EAVE STRUT CONNECTION



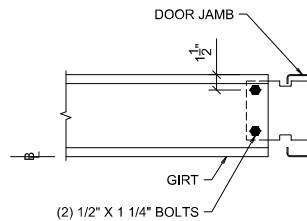
H10

PORTAL FRAME TO FRAME COLUMN
8" OUTSET / BYPASS GIRTS



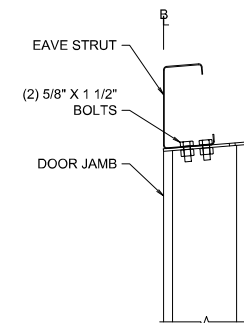
I8

EAVE STRUT TO ENDWALL RAFTER BEAM
STANDING SEAM ROOF



K3

WALL GIRT TO DOOR JAMB



L2

**TO BE
USED FOR
CONSTRUCTION**
DOOR JAMB TO LOW EAVE STRUT

REVISIONS

4	
3	
2	
1	

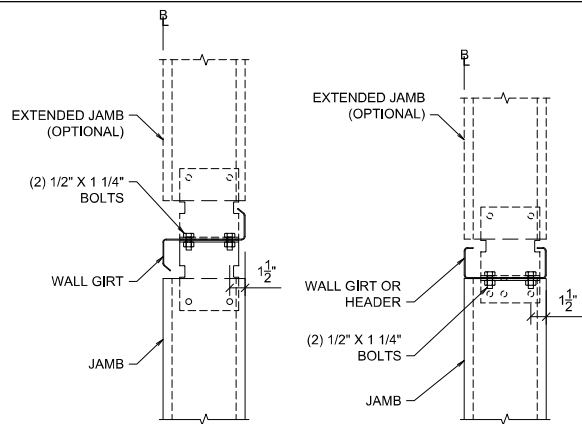
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2075, Grand Island, NE 68802-2075
(308) 389-7289 cs@chiefind.com



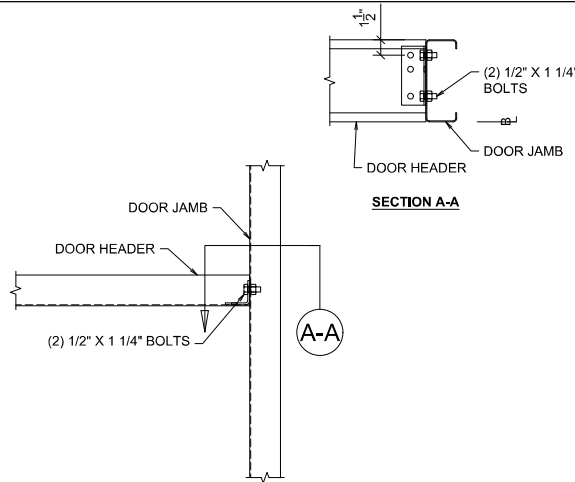
03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D4
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		



L8

JAMB TO WALL GIRT OR HEADER

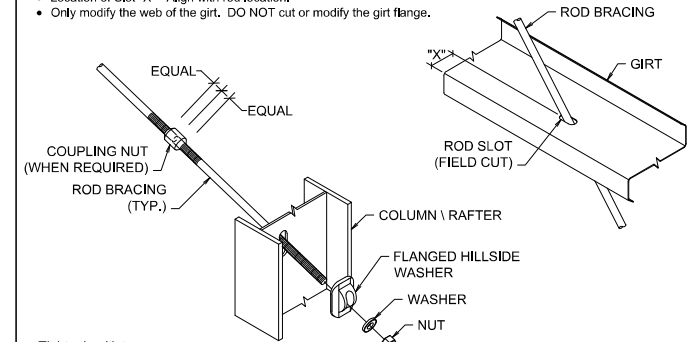


M3

DOOR HEADER TO DOOR JAMB
(Window Sill Typical)

Rod Braces that falls within the Girt Web, the Erector is to cut a slot for the passage of the Rod Brace. ZEE girt shown; Hot Rolled or Wide Flange typical.

- Width of Slot - Minimum = rod diameter + 1/16", Maximum = 1.5 times rod diameter.
- Length of Slot - As needed based on slope of rod and location of girts to allow rod to pass through girt.
- Location of Slot "X" - Align with rod location.
- Only modify the web of the girt. DO NOT cut or modify the girt flange.

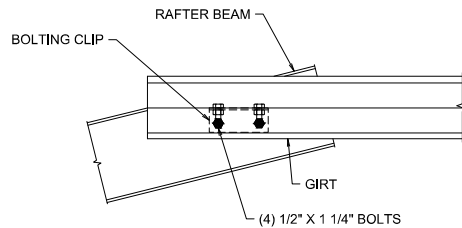


Tightening Notes:

- Tighten rod bracing equally to obtain a square and plumb building that matches corresponding erection drawing dimensions.
- To maintain rigidity of rod bracing after the final tightening, flatten threads on the back side of nut.

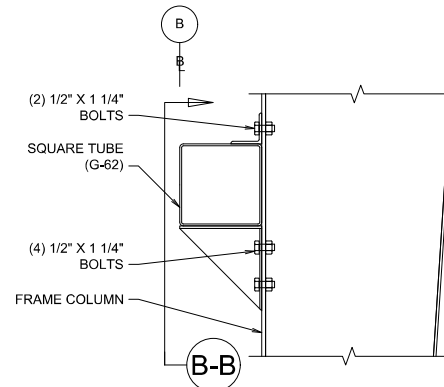
Q3

DIAGONAL BRACE ROD, NUT END

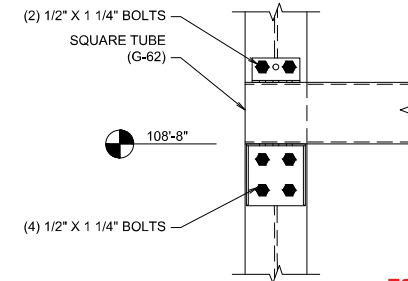


W7

ENDWALL GIRT TO RAFTER



X1



**TO BE
USED FOR
CONSTRUCTION**

SECTION B-B

REVISIONS

4	
3	
2	
1	

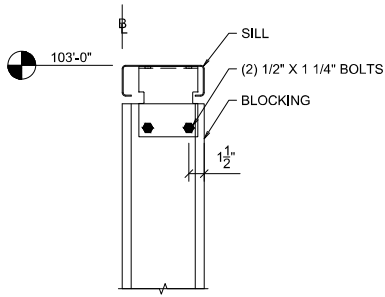
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 388-7289 cs@chiefbldg.com

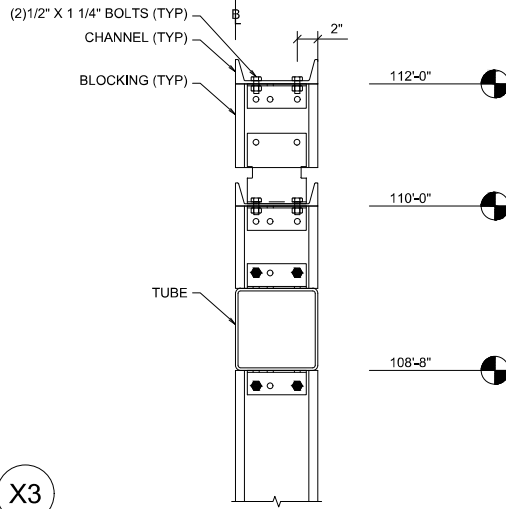


03/11/2025

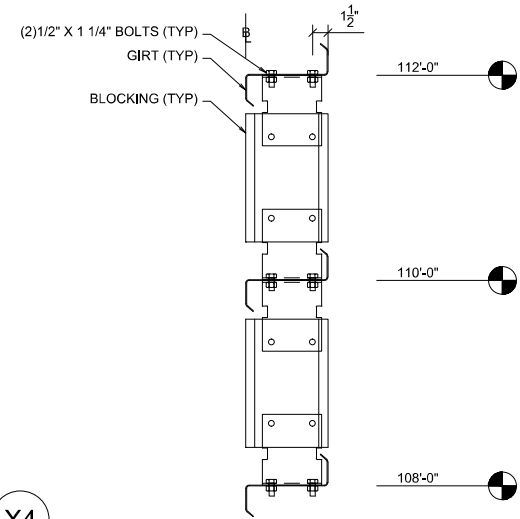
Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D5
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		



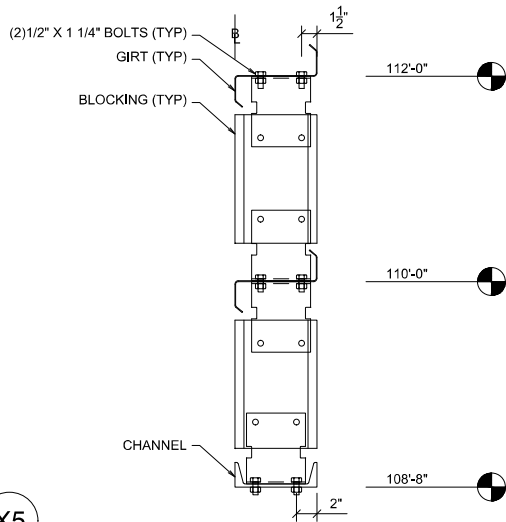
X2



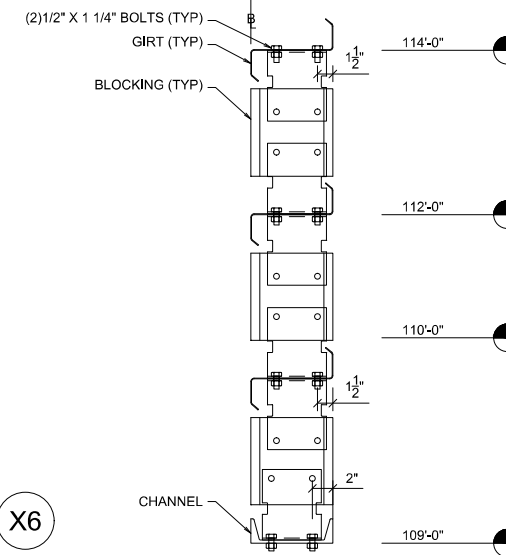
X3



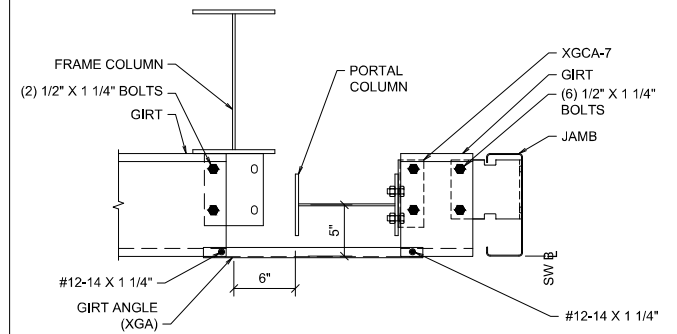
X4



X5



X6



X7

**TO BE
USED FOR
CONSTRUCTION**

REVISIONS

4	
3	
2	
1	

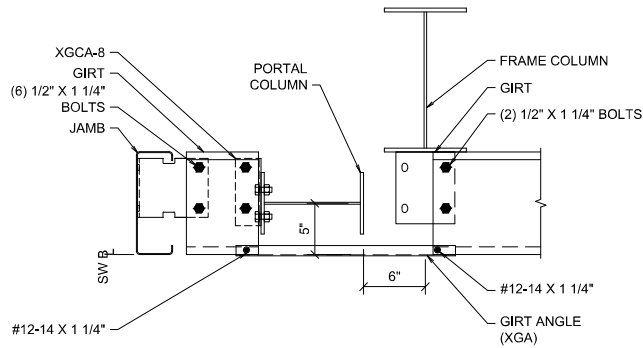
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 388-7288 cs@chiefbuild.com



03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D6
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		



X8

NOTE:

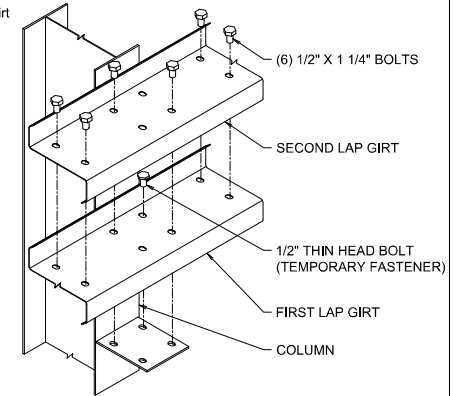
1. The 1/2" Thin Head Bolts are for temporary support to help comply with OSHA regulations during the assembly of girts.
2. Thin Head Bolts are identified with 307A on the head, whereas permanent structural 1/2" bolts are identified with A325 on the head.
3. Do not leave only the 1/2" Thin Head Bolt in for extended period of time as they are not intended for full structural support nor unexpected weather events. Final assembly of girt laps should be per the specific wall girt details using the permanent 1/2" X 1 1/4" bolts and nuts required for structural connection.

STEP 1:

Set the first girt into place. Complete the girt attachment at the tail end. Align the girt holes with the clip holes and place a 1/2" Thin Head Bolt down through the girt in the hole closest to building line.

STEP 2:

Lift the second bay girt into place. Install (6) 1/2" x 1 1/4" bolts and nuts in the proper lap holes and the unfilled clip hole at the tail end and wrench tighten. Install 1/2" Thin Head Bolt at the leading edge as covered in step 1.



TEMPORARY FASTENER AT WALL GIRT

**TO BE
USED FOR
CONSTRUCTION**

REVISIONS

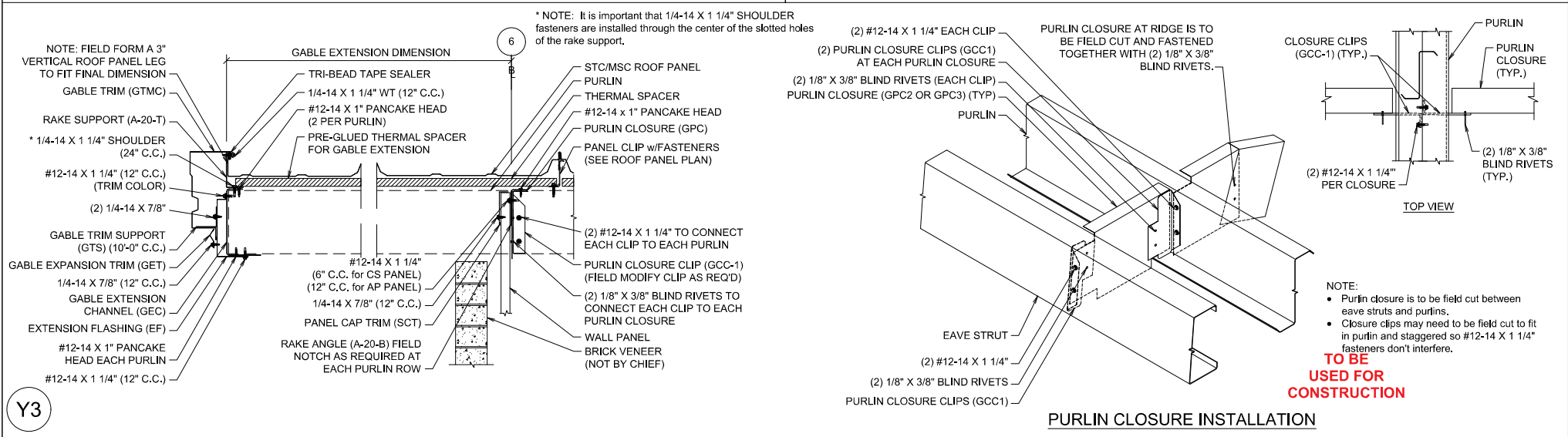
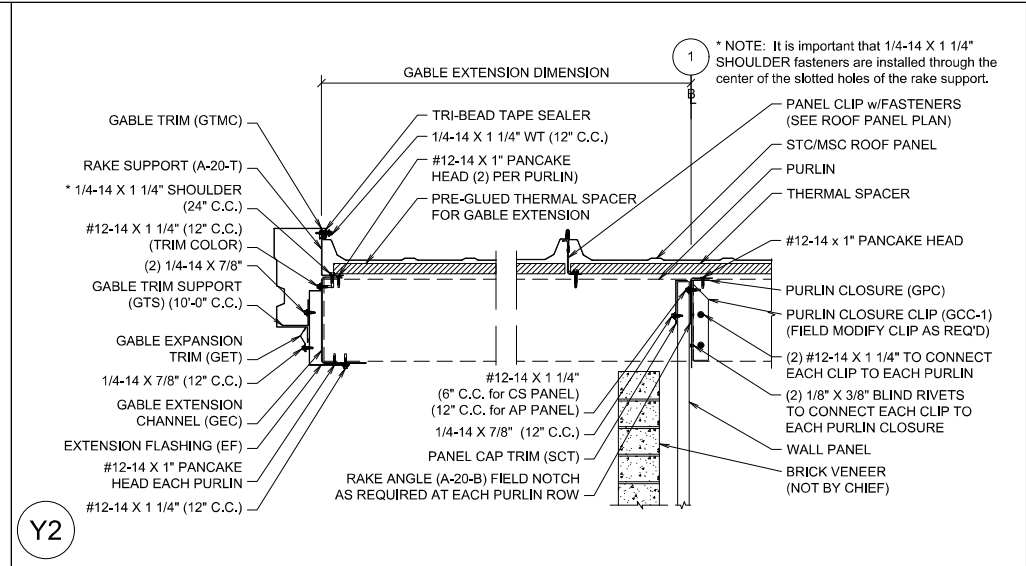
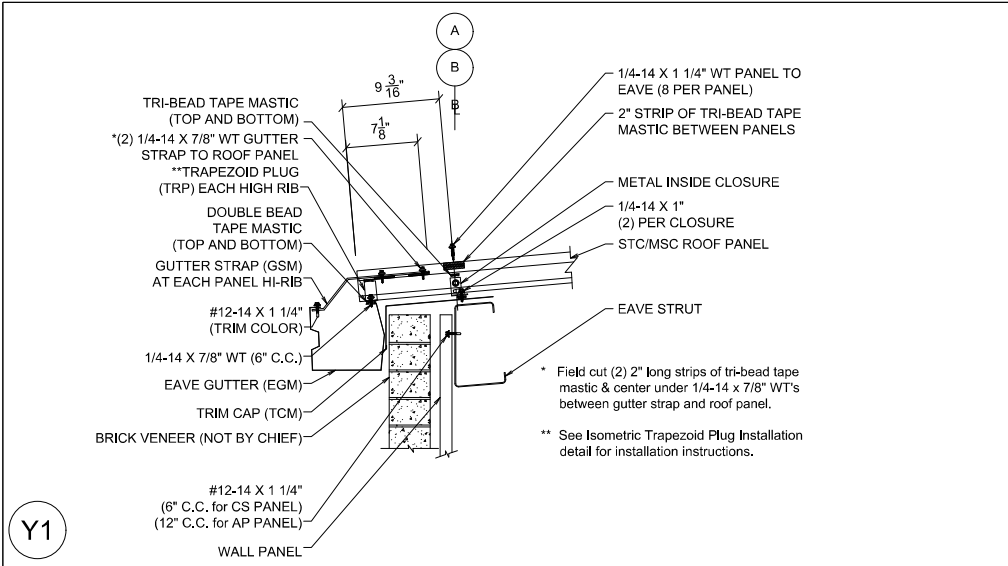
4		Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the pre-engineered performance of the structural components designed by Chief Buildings.
3		
2		
1		



Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 389-7289 chiefbuild.com

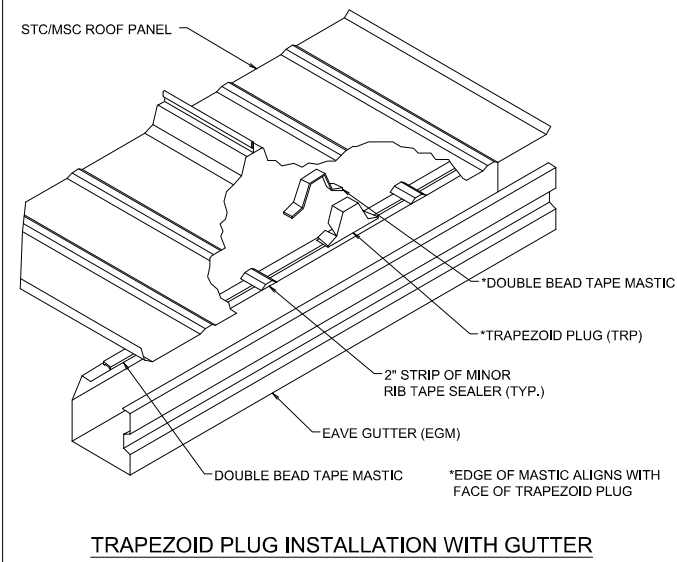
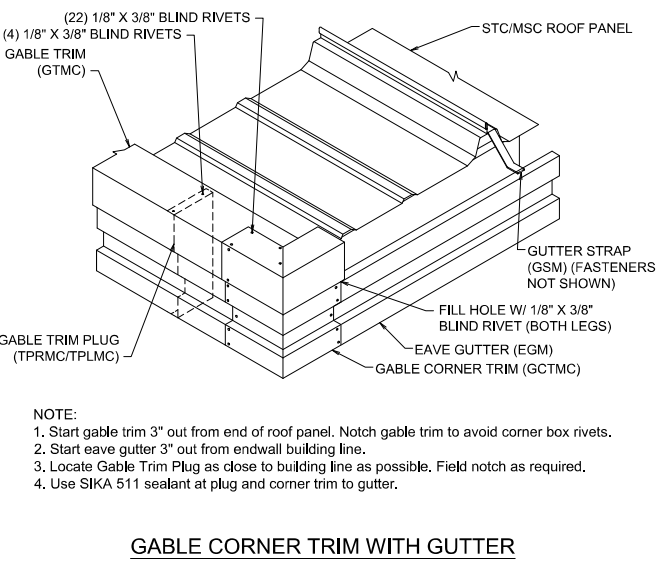
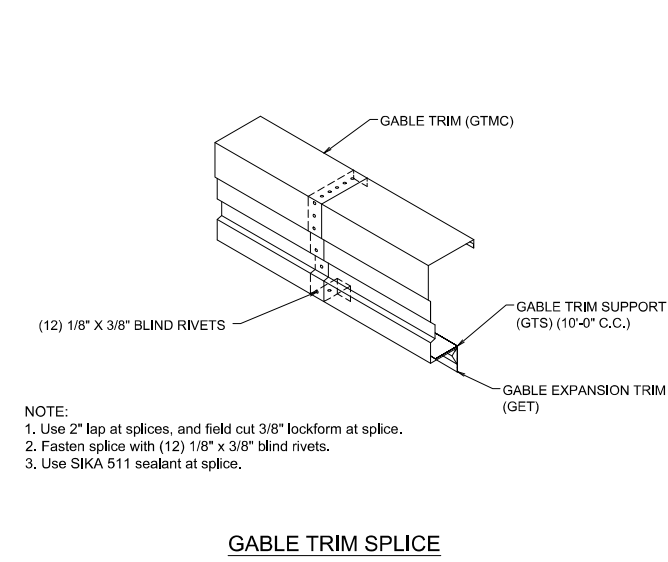
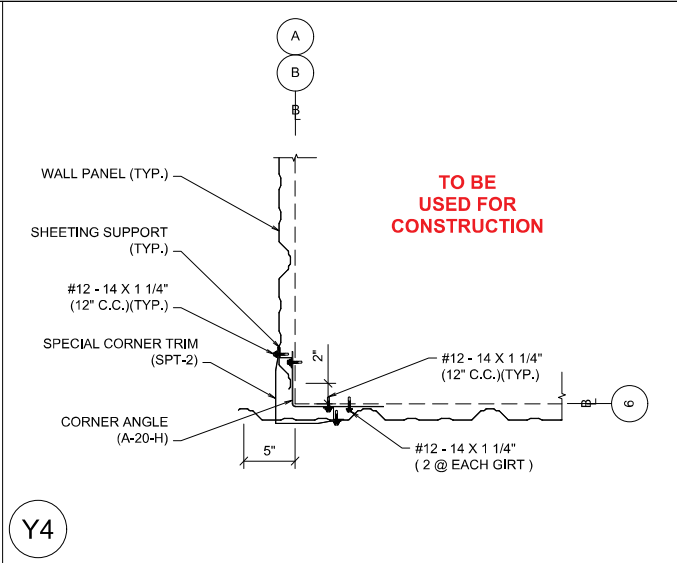
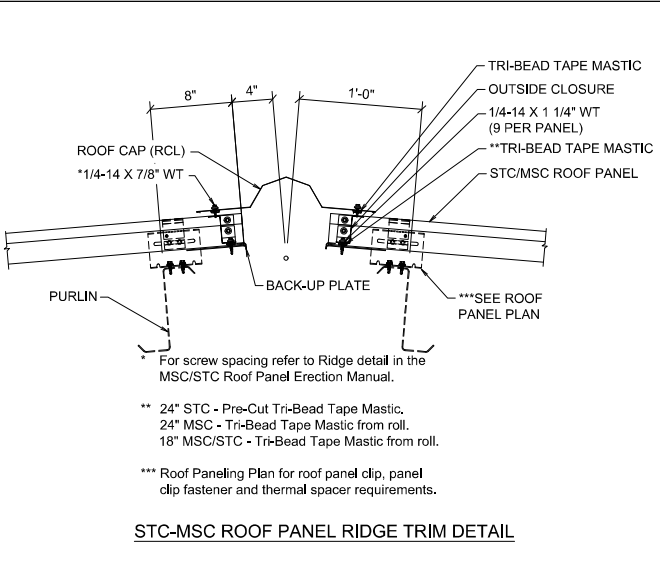
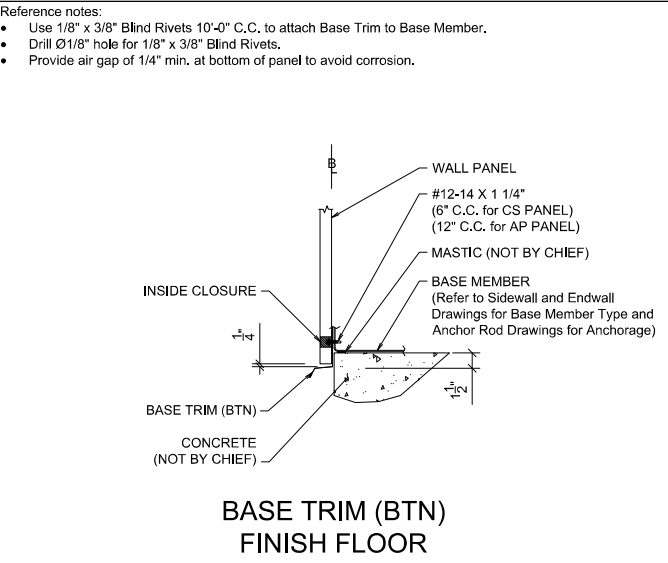




03/11/2025

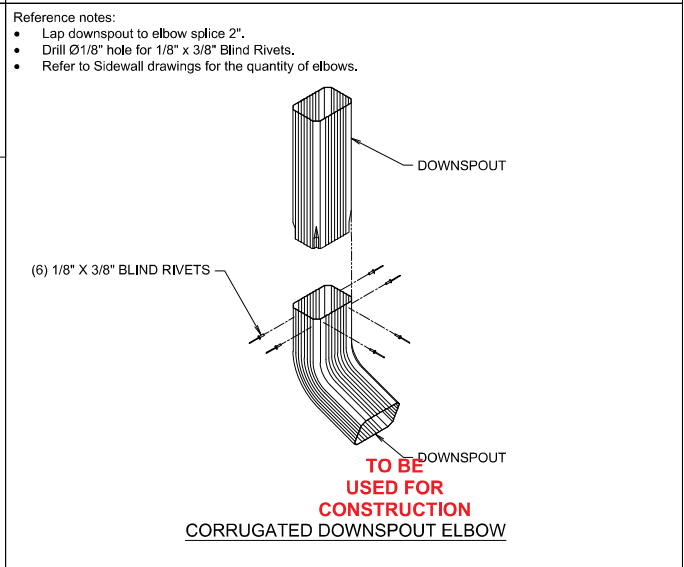
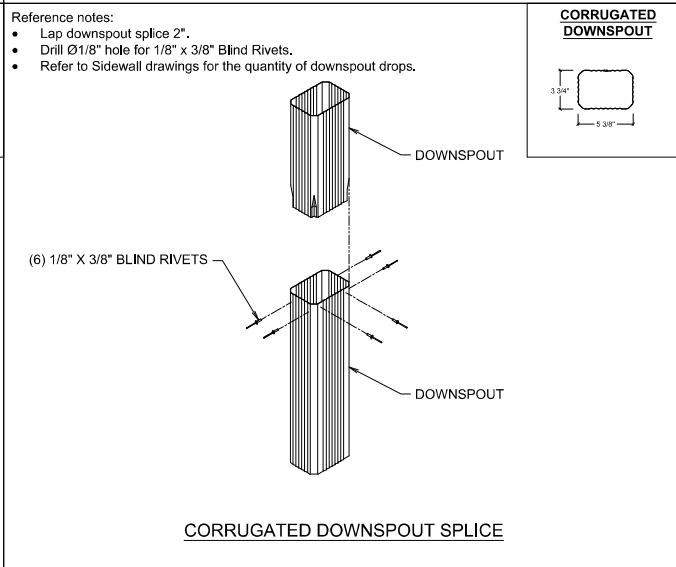
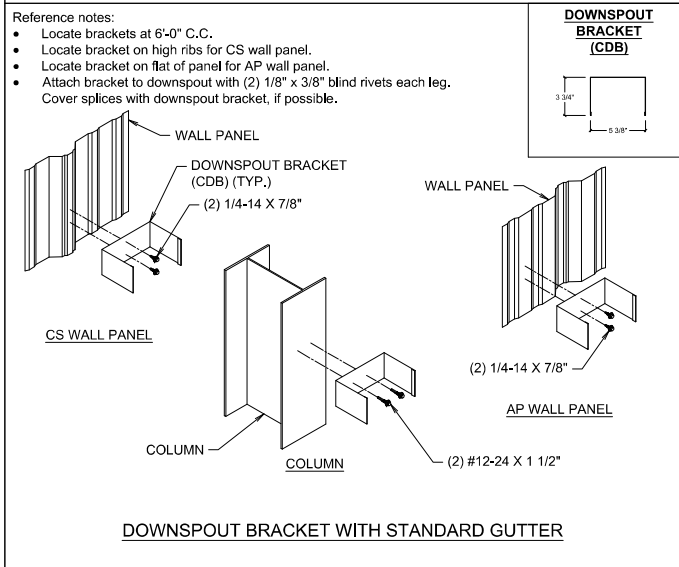
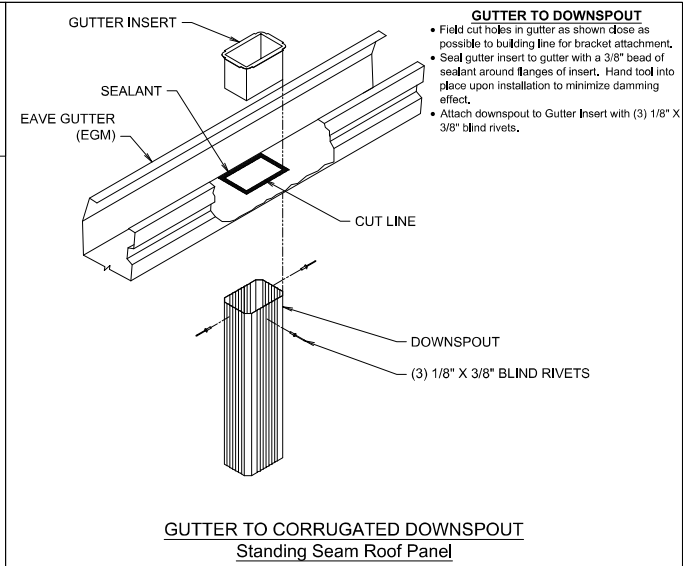
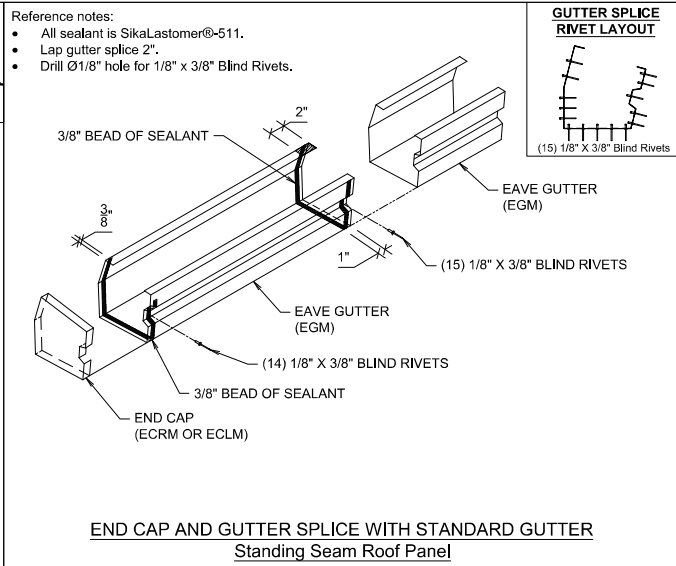
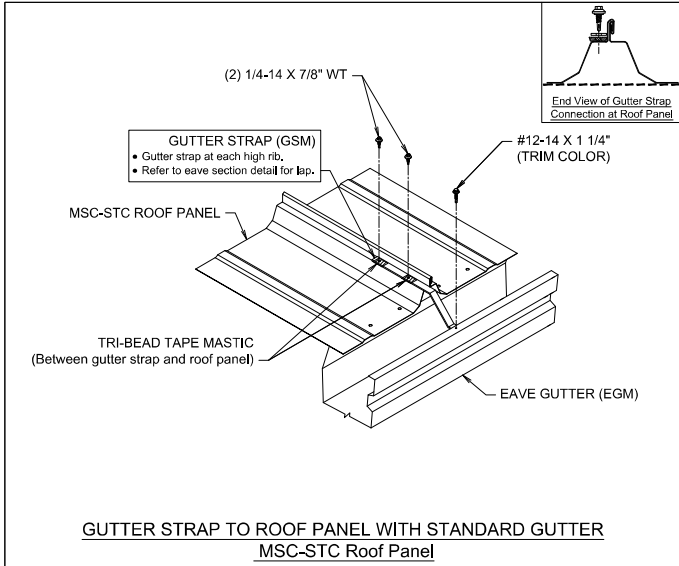
Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D7
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		





		REVISIONS		Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.		 03/11/2025		Drawing		DETAILS				
		4						Buyer		Triangle Home Pros, LLC				
		3						Customer		Martinez Commercial Properties, LLC Fuquay Varina, NC 27526				
		2						Project Name		E & M Concrete				
		1								DRAWN		CHECK	ORDER NO.	D8
										KAL/BD		AL/DB	B3025326	D13
										2/11/25		3/6/25		



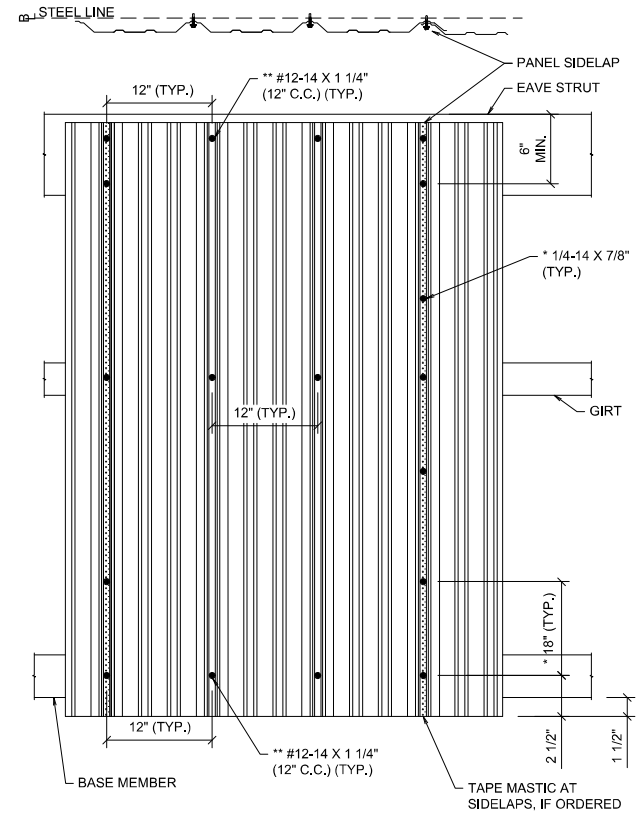
			REVISIONS		Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.				Drawing		DETAILS				
			4						Buyer		Triangle Home Pros, LLC				
			3						Customer		Martinez Commercial Properties, LLC Fuquay Varina, NC 27526				
			2						Project Name		E & M Concrete				
			1								DRAWN		CHECK	ORDER NO.	D9
									Chief Buildings PO Box 2078, Grand Island, NE 68802-2078 (308) 385-2280 cxb@chiefind.com		KAL/BD		AL/DB	B3025326	D13
											2/11/25		3/6/25		
							</								



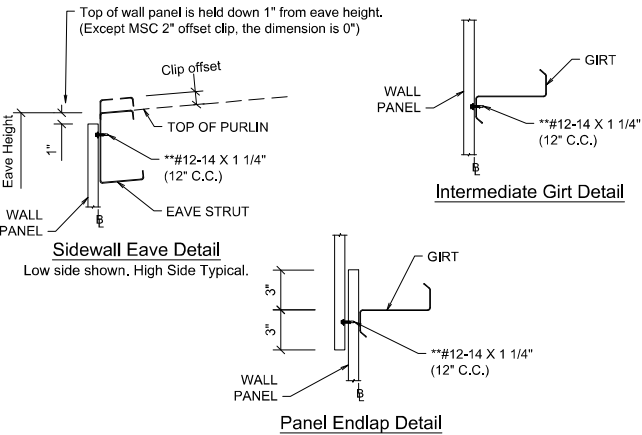
		REVISIONS		<div>Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.</div> <div>Chief Buildings PO Box 20178, Grand Island, NE 68802-2078 (308) 389-2359 info@chiefind.com</div>	<div></div> <div>03/11/2025</div>	Drawing	DETAILS			
		Buyer	Triangle Home Pros, LLC							
		Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526							
		Project Name	E & M Concrete							
		<div></div>	DRAWN			CHECK	ORDER NO.	D10		
			KAL/BD			ALL/DB	B3025326	D13		
			2/11/25	3/6/25						

AP WALL PANEL - The details shown below are typical Chief metal building details. Not all details may apply. Specific details for additional features will be provided for complete installation instructions.

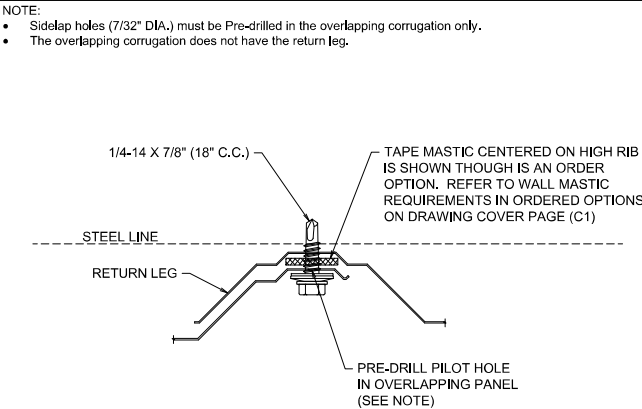
- NOTES:
- The structural system must be plumb and square prior to panel installation.
 - Care must be taken to insure panel modularity due to accessory locations and trim.
 - Insulation has not been shown for clarity.
 - Blanket insulation must be trimmed above the bottom of panel to prevent water from "WICKING" into the insulation.
 - Provide air gap of 1/4" min. at bottom of panel to avoid corrosion.
 - #12-14 X 1 1/4" Fastener spacing is (12" C.C.) unless otherwise noted.
 - ** #12-14 X 1 1/4", Blanket Insulation >4" thickness
 - When possible, CHIEF recommends installing panel so that panel lap is away from prevailing weather.



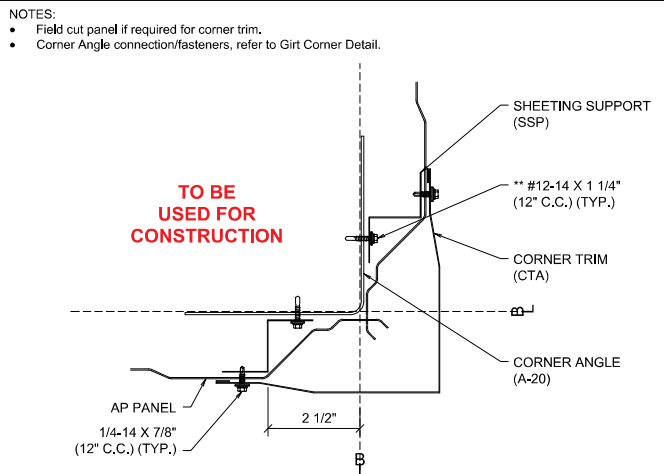
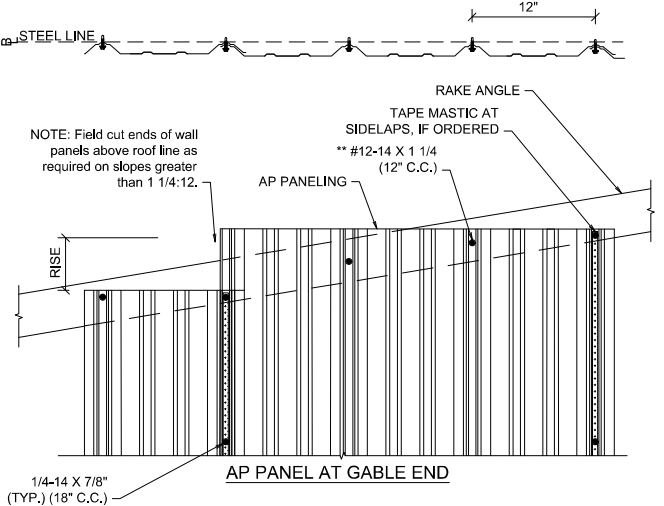
AP PANEL INSTALLATION





AP PANEL FASTENER INSTALLATION



AP PANEL SIDE LAPS

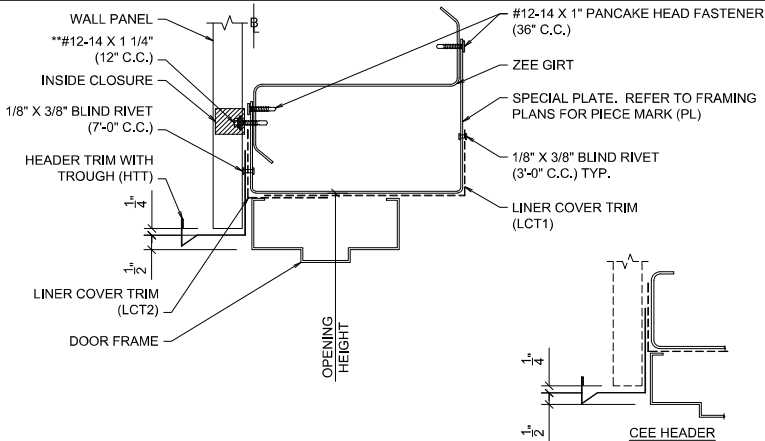


AP PANEL STANDARD CORNER CONDITION

		REVISIONS		Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings. Chief Buildings PO Box 2078, Grand Island, NE 68802-2078 (308) 389-2559 info@chiefind.com				Drawing		DETAILS												
		4						Buyer		Triangle Home Pros, LLC												
		3						Customer		Martinez Commercial Properties, LLC Fuquay Varina, NC 27526												
		2						Project Name		E & M Concrete												
		1								<table><tr><td>DRAWN</td><td>CHECK</td><td>ORDER NO.</td><td rowspan="2">D11</td></tr><tr><td>KAL/BD</td><td>ALI/DB</td><td>B3025326</td></tr><tr><td>2/11/25</td><td>3/6/25</td><td></td><td>D13</td></tr></table>		DRAWN	CHECK	ORDER NO.	D11	KAL/BD	ALI/DB	B3025326	2/11/25	3/6/25		D13
DRAWN	CHECK	ORDER NO.	D11																			
KAL/BD	ALI/DB	B3025326																				
2/11/25	3/6/25		D13																			

AP Panel - Metal Building Walkdoor -- Knocked-Down (by Chief) or Door Not by Chief

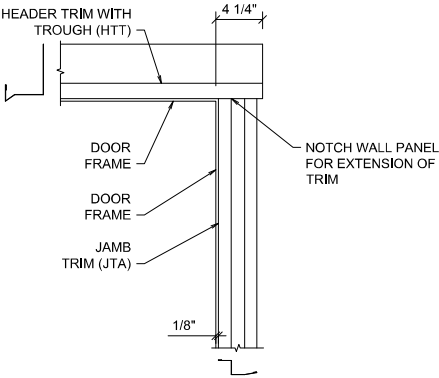
Refer to Order Documents for Doors by Chief



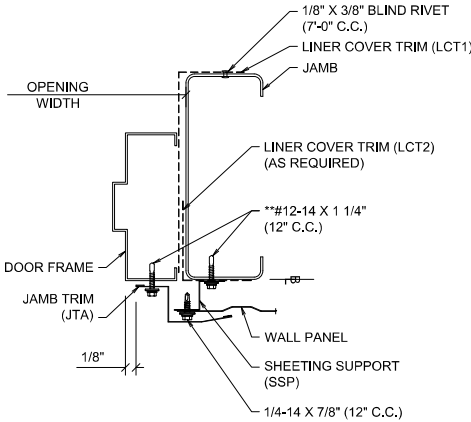
WALKDOOR HEADER TRIM DETAILS

Provide air gap of 1/4" min. at bottom of panel to avoid corrosion.

- Notes:
- Hold trims 1/8" back from Walk Door Frame edge (Applies only to walk doors).
 - Drill Ø1/8" holes for Blind Rivets.
 - Rivets spaced at 7'-0" C.C., are temporary fasteners.
 - ** #12-14 X 1-1/4", Blanket Insulation <=4" thickness.
 - ** #12-14 X 2", Blanket Insulation >4" thickness.
 - LCT1 or LCT2 used with Liner/Backer. Refer to Liner or Partition Panel Dwg.

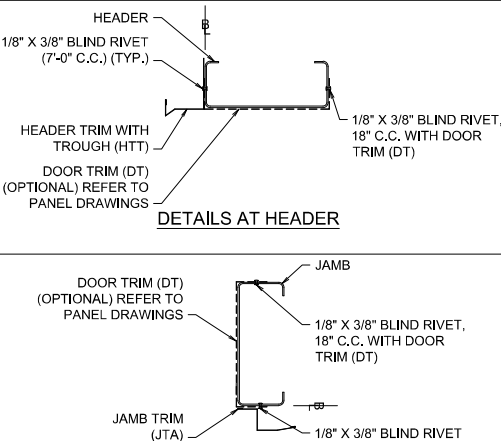


TRIM DETAIL AT CORNER



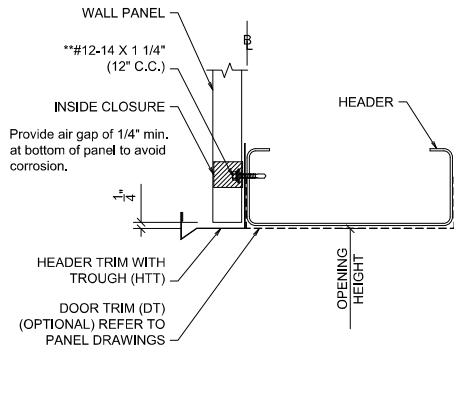
WALKDOOR JAMB TRIM DETAILS

AP Panel - OHD or 3-Sided Opening



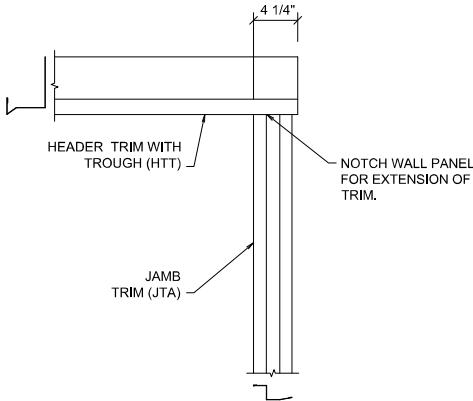
DETAILS AT HEADER

DETAILS AT JAMB

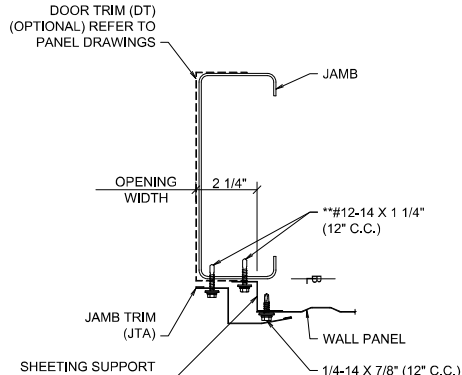


TRIM DETAILS AT HEADER

- Notes:
- Drill Ø1/8" holes for Blind Rivets.
 - Rivets spaced at 7'-0" C.C. are temporary fasteners.
 - ** #12-14 X 1-1/4", Blanket Insulation <=4" thickness.
 - ** #12-14 X 2", Blanket Insulation >4" thickness.



TRIM DETAIL AT CORNER



TO BE USED FOR CONSTRUCTION TRIM DETAILS AT JAMBS

REVISIONS

4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

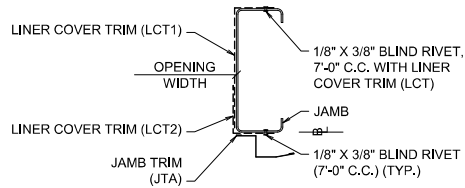
Chief Buildings
PO Box 2075, Grand Island, NE 68602-2075
(408) 388-7289 cs@chiefbuildings.com



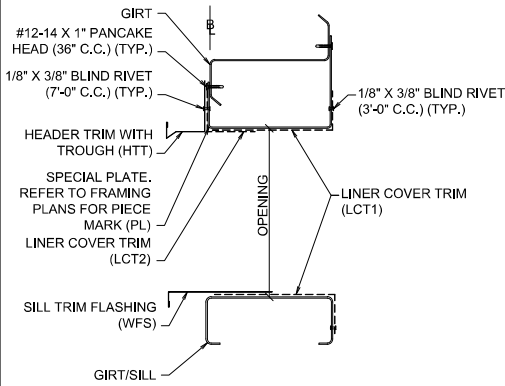
03/11/2025

Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D12
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		

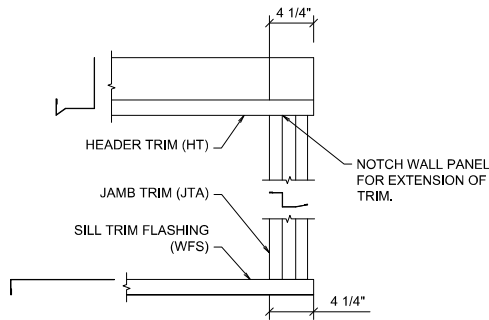
AP Panel - Window or 4-Sided Opening with Sill Flashing – WFS



FRAMED OPENING DETAILS AT JAMB



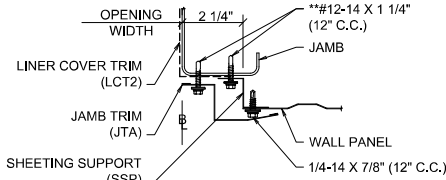
OPENING DETAILS AT HEADER AND SILL



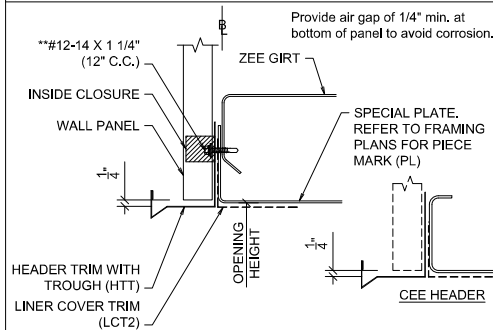
TRIM DETAIL AT CORNER

Notes:

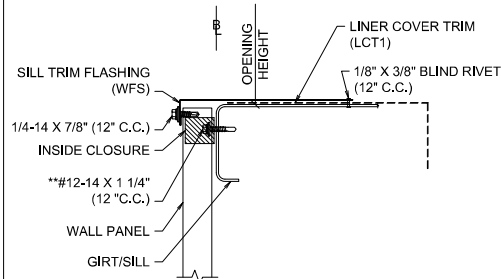
- Drill Ø1/8" holes for Blind Rivets.
- Rivets spaced at 7'-0" C.C. are temporary fasteners.
- ** #12-14 X 1-1/4", Blanket Insulation <=4" thickness.
- ** #12-14 X 2", Blanket Insulation >4" thickness.
- LCT1 or LCT2 used with Liner/Backer. Refer to Liner or Partition Panel Dwg.



TRIM DETAILS AT JAMB



TRIM DETAILS AT HEADER



TRIM DETAIL AT SILL (WFS)

REVISIONS

4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

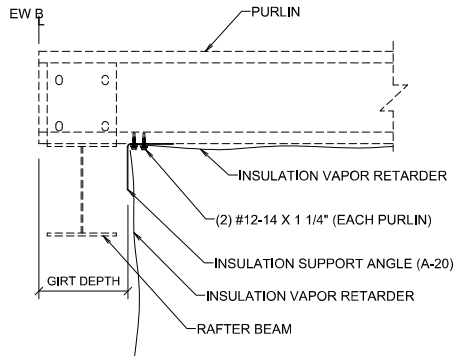
Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 389-7289 cs@chiefbuild.com



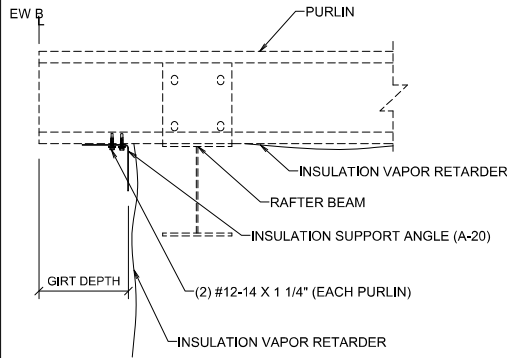
03/11/2025

**TO BE
USED FOR
CONSTRUCTION**

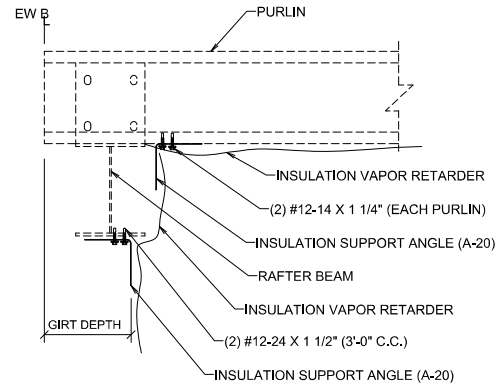
Drawing	DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	D13
	KAL/BD	AL/DB	B3025326	D13
	2/11/25	3/6/25		



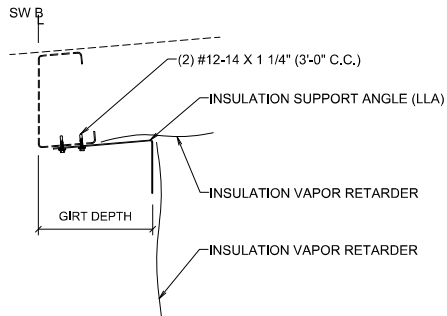
INSULATION SUPPORT ANGLE AT GABLE



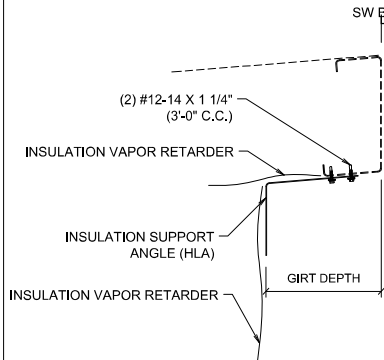
INSULATION SUPPORT ANGLE AT GABLE



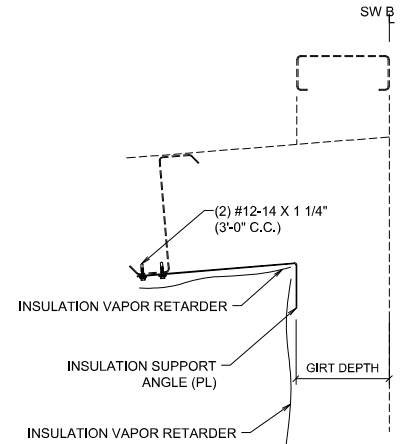
INSULATION SUPPORT ANGLE AT GABLE



INSULATION SUPPORT ANGLE AT EAVE
(WITH LLA)



INSULATION SUPPORT ANGLE AT EAVE
(WITH HLA)



INSULATION SUPPORT ANGLE AT PARAPET HIGH
SIDE EAVE (WITH PL)

**TO BE
USED FOR
CONSTRUCTION**

RELEASED	10-10-24
SUPERSEDES	04-04-23

REVISIONS	
4	
3	
2	
1	

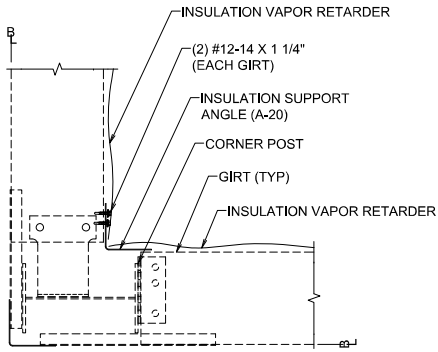
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 388-7289 cs@chiefbuildings.com

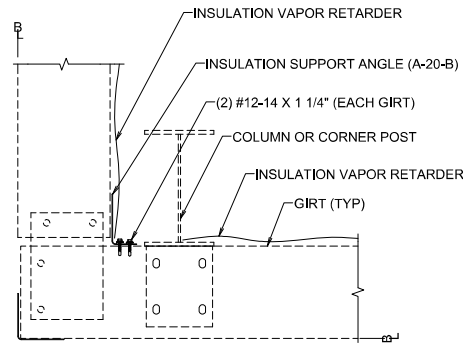


03/11/2025

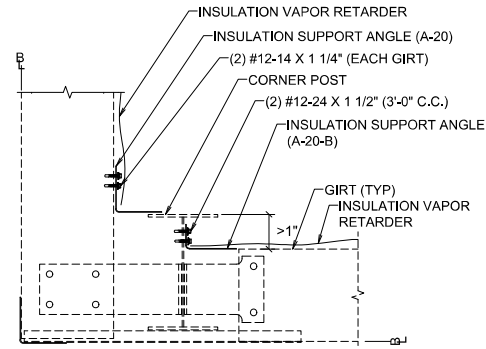
Drawing	INSULATION SUPPORT ANGLES - EAVE AND GABLES			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	GD1
	KAL/BD	ALI	B3025326	GD7
	2/11/25	3/6/25		



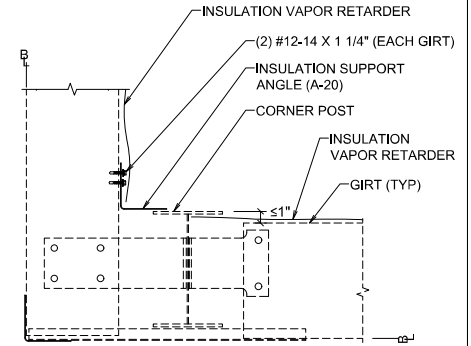
INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(AT CORNER POST)



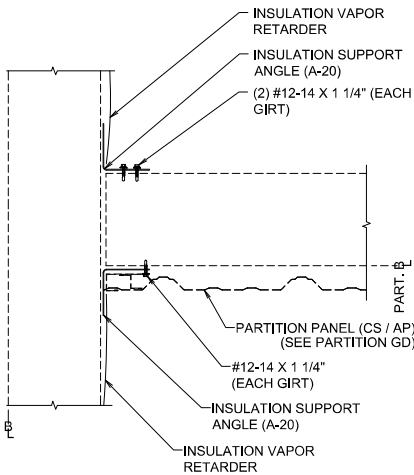
INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(AT COLUMN OR CORNER POST)



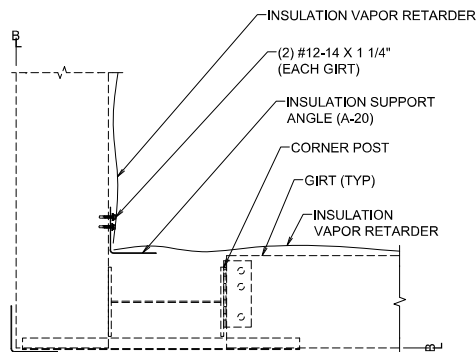
INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(WITH ADDITIONAL SUPPORT ANGLE)



INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(AT CORNER POST)



INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(AT PARTITION)



INSULATION SUPPORT ANGLE AT INSIDE OF CORNERS
(AT CORNER POST)

**TO BE
USED FOR
CONSTRUCTION**

REVISIONS

4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(408) 389-7289 cs@chiefind.com

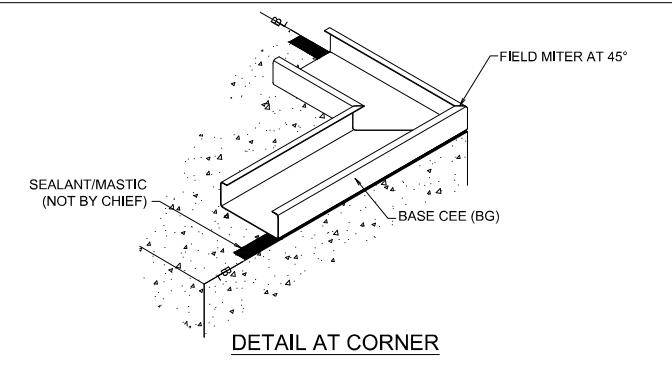


03/11/2025

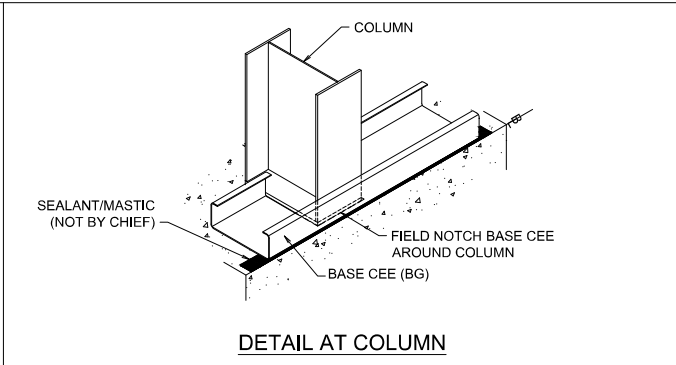
RELEASED	10-10-24
SUPERSEDES	04-04-23

Drawing	INSULATION SUPPORT ANGLES - INSIDE CORNERS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	GD2
	KAL/BD	ALI	B3025326	GD7
	2/11/25	3/6/25		

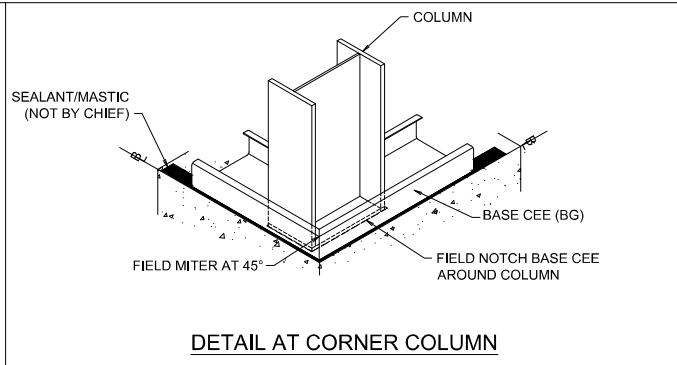
BASE CEE - The details shown below are typical Chief metal building details. Not all details may apply.



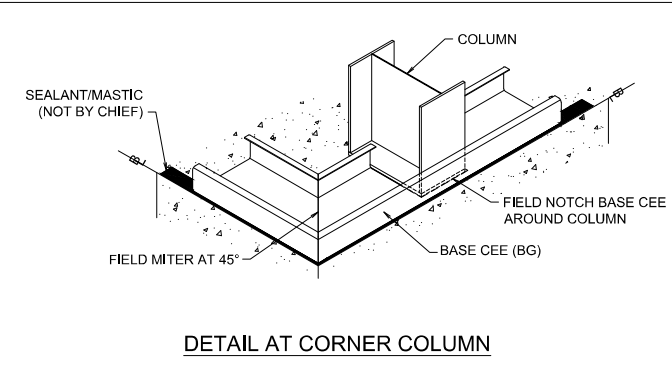
DETAIL AT CORNER



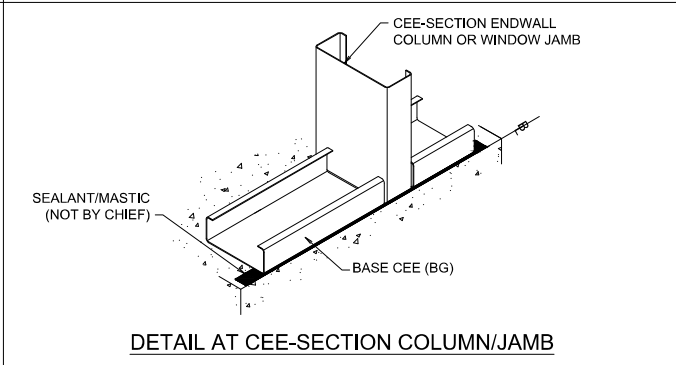
DETAIL AT COLUMN



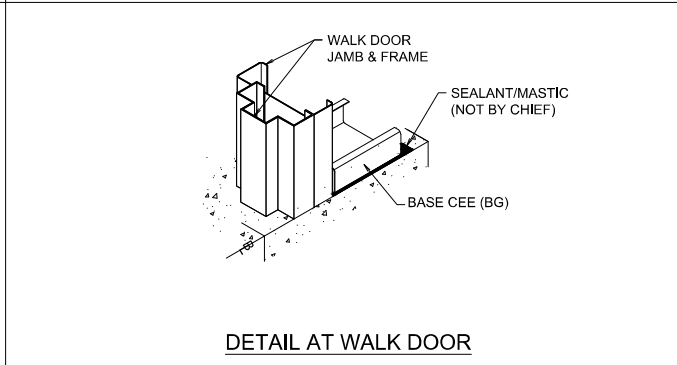
DETAIL AT CORNER COLUMN



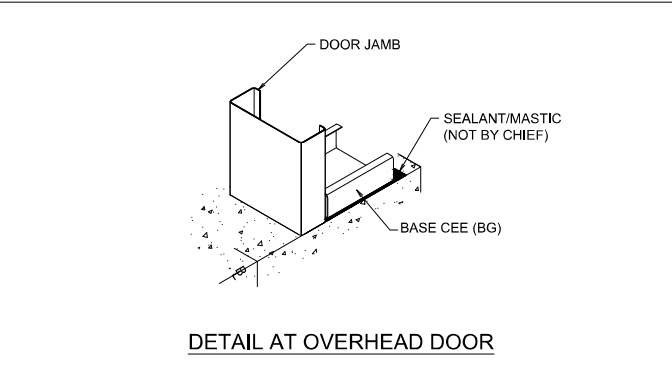
DETAIL AT CORNER COLUMN



DETAIL AT CEE-SECTION COLUMN/JAMB



DETAIL AT WALK DOOR




DETAIL AT OVERHEAD DOOR


BASE MEMBER NOTES:	
<ul style="list-style-type: none">Base Cees are supplied in 20' lengths. Pre-punched 5/16 x 1-1/8" slots are provided for convenience. Anchors are not required in all holes, nor must the pre-punched spacing be used.Refer to Anchor Rod Drawing, "Fastener Spacing Chart" for fastener types and spacing requirements.Refer to Wall Framing Drawings for locations of BGs.Apply a continuous bead of sealant or mastic (Not by Chief) between the Base Cee and concrete. Field cut, notch, and miter at corners where required.	
RELEASED	10-04-23
SUPERSEDES	

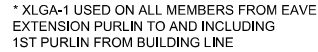
REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 388-7289 cs@chiefind.com

 03/11/2025

Drawing	BASE CEE DETAILS (BG-8/BG-10)			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
	DRAWN	CHECK	ORDER NO.	GD3
	KAL/BD 2/11/25	ALI 3/6/25	B3025326	GD7



EAVE EXTENSION PROJECTION

MSC / STC ROOF SYSTEM
USE: (2) #12-14 X 1" PANCAKE HEAD
AT EACH PURLIN

MVF / MVP ROOF SYSTEM
USE: (2) #12-14 X 1 1/4" AT EACH
PURLIN (WALL COLOR)

"Z" PURLIN

EAVE STRUT

1st PURLIN
FROM BUILDING LINE

#12-14 X 1" PANCAKE HEAD

GABLE EXTENSION CHANNEL (GEC)

* XLGA-1 CLIP WITH (4) #12-14 X 1 1/4" (WALL
COLOR) AT EACH CLIP CONNECTION

EAVE EXTENSION PURLIN

FIELD NOTCH THE CORNER OF
THE EAVE EXTENSION PURLIN
& EAVE STRUT AS REQUIRED

(4) #12-14 X 1 1/4"
(WALL COLOR)

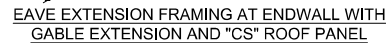
* XLGA-1

#12-14 X 1" PANCAKE HEAD

SECTION A-A

* XLGA-1 USED ON ALL MEMBERS FROM EAVE
EXTENSION PURLIN TO AND INCLUDING
1ST PURLIN FROM BUILDING LINE

* XLGA-1 USED ON ALL MEMBERS FROM EAVE
EXTENSION PURLIN TO AND INCLUDING
1ST PURLIN FROM BUILDING LINE EAVE STD



* XLGA-1 USED ON ALL MEMBERS FROM EAVE
EXTENSION PURLIN TO AND INCLUDING
1ST PURLIN FROM BUILDING LINE



FOR **TO BE
USED FOR
CONSTRUCTION**

MBS

RELEASED	9-23-19
SUPERSEDES	03-20-19


REVISIONS	
4	
3	
2	
1	

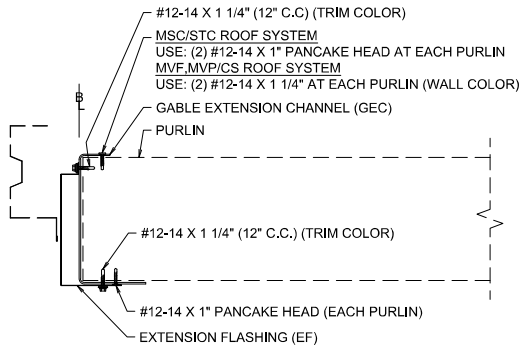
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 389-2289 cs@chiefind.com



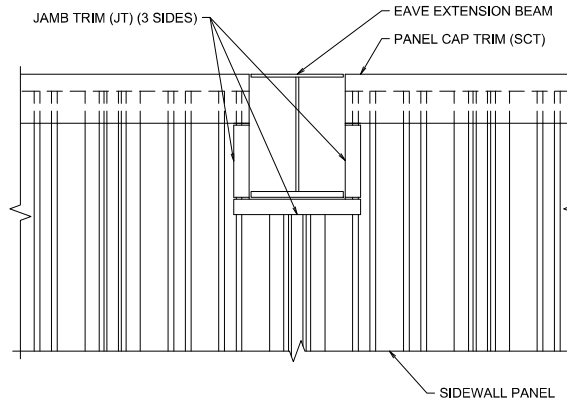
03/11/2025

Drawing	EAVE & GABLE EXTENSION DETAILS (LOW SIDE)		
Buyer	Triangle Home Pros, LLC		
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526		
Project Name	E & M Concrete		
	DRAWN	CHECK	ORDER NO.
	KAL/BD 2/11/25	ALI 3/6/25	B3025326
			GD4 GD7



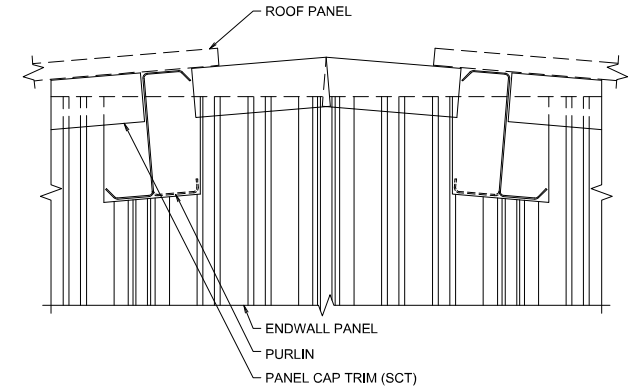
NOTE:
Refer to gable sections for roof panel attachment and gable trim connection at the building's gable areas.

TRIM AT GABLE OF EAVE EXTENSION ONLY - UNSOFFITED



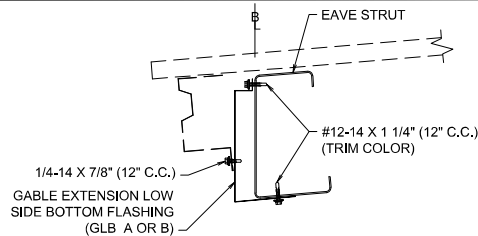
NOTES:
• Field notch wall panels around the eave extension beam as required.
• Roof panel is not shown.

DETAIL AT EXTENSION BEAM OF UNSOFFITED EAVE EXTENSION



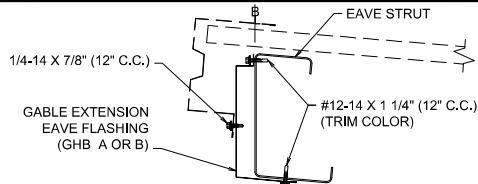
NOTES:
• Field cut endwall panels as required at bottom of purlins and roof panel.
• Purlin closure and closure clips are not shown.

RIDGE DETAIL AT UNSOFFITED GABLE EXTENSION



NOTE:
Refer to eave sections for roof panel attachment and eave trim connection at the building's eave areas.

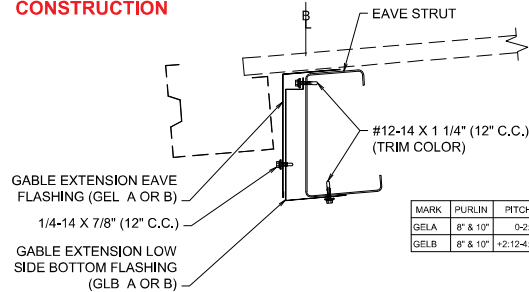
EAVE OF GABLE EXTENSION ONLY UNSOFFITED (LOWSIDE) w/EAVE TRIM



NOTE:
Refer to eave sections for roof panel attachment and eave trim connection at the building's eave areas.

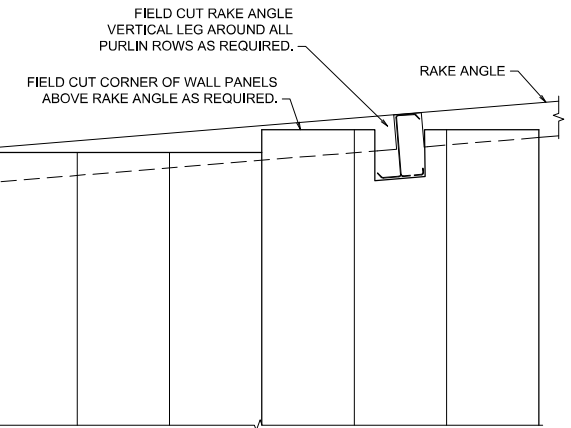
EAVE OF GABLE EXTENSION ONLY UNSOFFITED (HIGH SIDE) w/EAVE TRIM

**TO BE
USED FOR
CONSTRUCTION**



NOTE:
Refer to eave sections for roof panel attachment and eave gutter connection at the building's eave areas.

EAVE OF GABLE EXTENSION ONLY UNSOFFITED (LOWSIDE) w/GUTTER



NOTES:
• Trim not shown refer to sections in erection drawings.
• Field cut wall panel around purlins as required.

CONDITION AT UNSOFFITED GABLE EXTENSION

MBS

EAVE AND GABLE EXT. UNSOFFITED DETAILS
WALLS ARE paneled

RELEASED	12-10-24
SUPERSEDES	06-25-20

REVISIONS

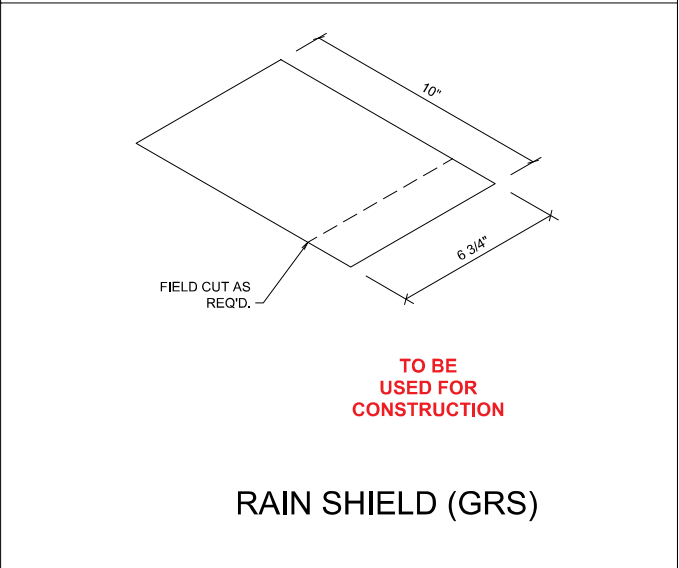
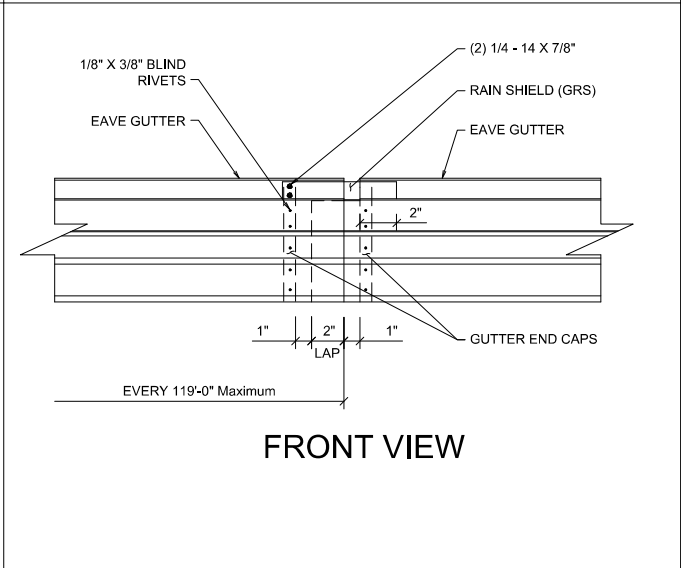
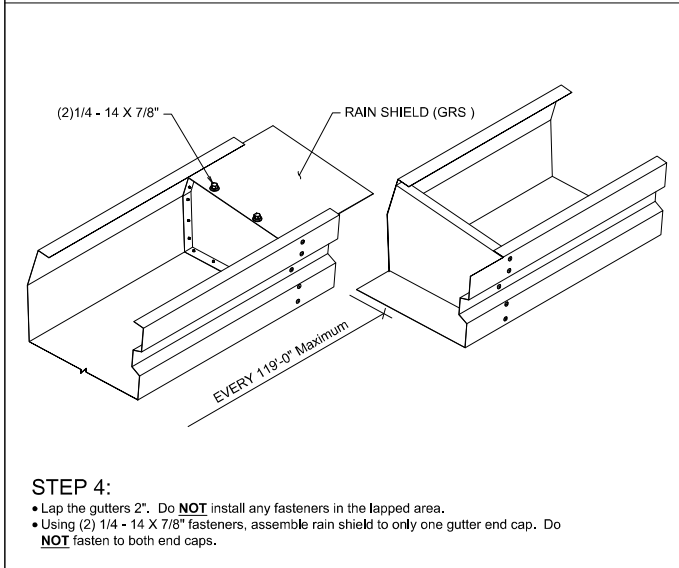
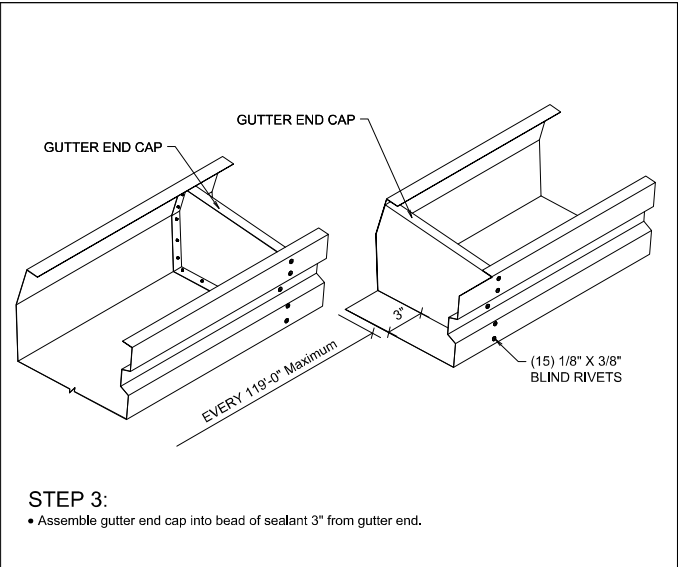
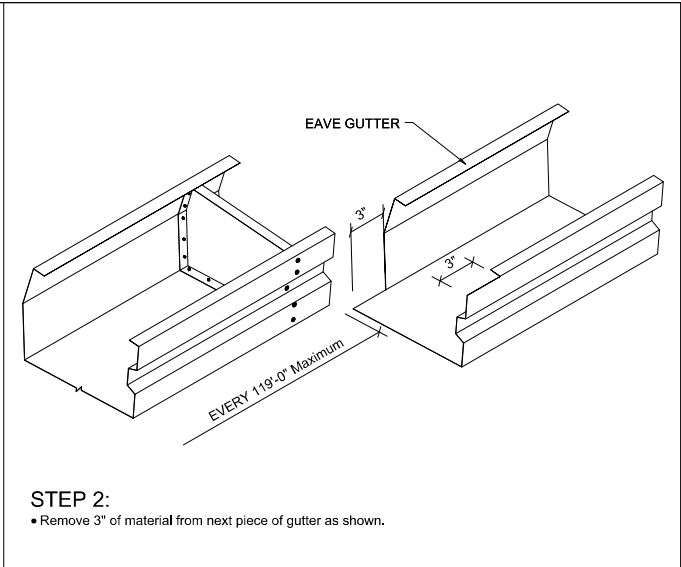
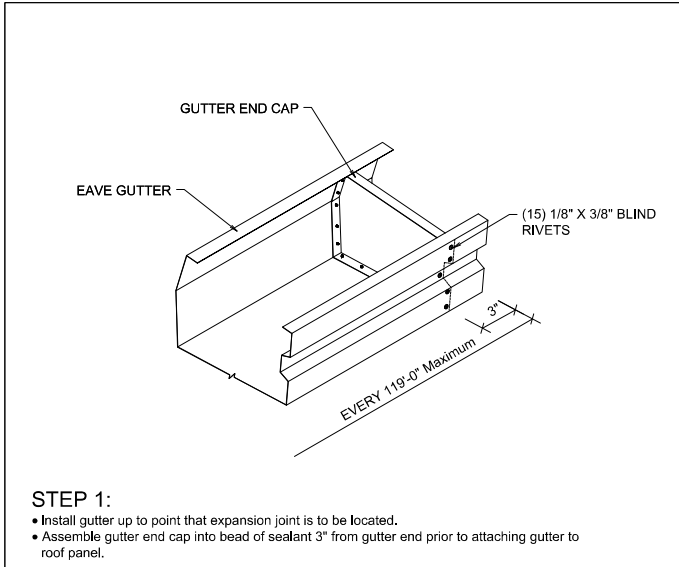




Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

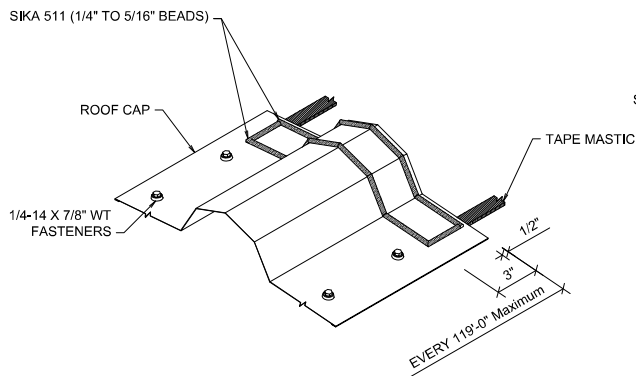


03/11/2025

Drawing	EAVE & GABLE EXTENSION TRIM DETAILS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	GD5
	KAL/BD	ALI	B3025326	GD7
	2/11/25	3/6/25		



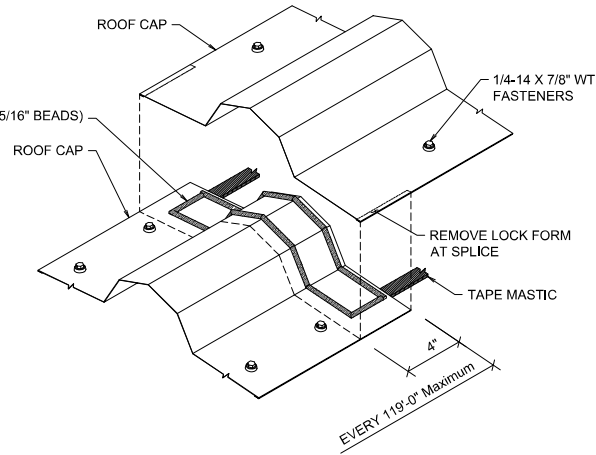
<div>RELEASED10-31-22</div> <div>SUPERSEDES06-29-11</div>		REVISIONS		<div>Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.</div> <div>Chief Buildings PO Box 2078, Grand Island, NE 68802-2078 (308) 388-2289 cs@chiefind.com</div>	<div></div> <div>03/11/2025</div>	Drawing	GUTTER EXPANSION JOINT		
		Buyer	Triangle Home Pros, LLC						
		Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526						
		Project Name	E & M Concrete						
		<div></div>				DRAWN	CHECK	ORDER NO.	GD6
KAL/BD	ALI			B3025326					
				2/11/25	3/6/25		GD7		



STEP 1:

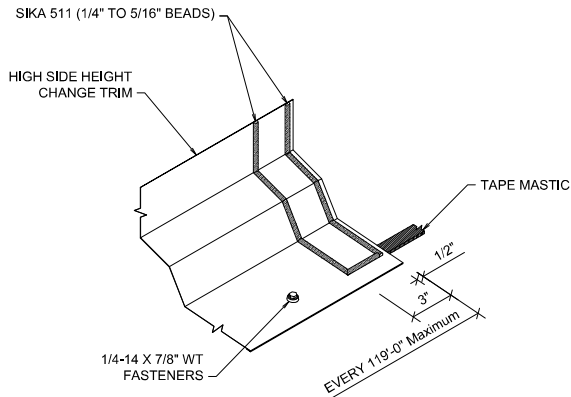
- Install roof cap up to the point that expansion joint is to be located.
- Apply (2) beads of Sikalastomer 511 sealant as shown.

ROOF CAP TRIM SPLICE AT EXPANSION JOINT



STEP 2:

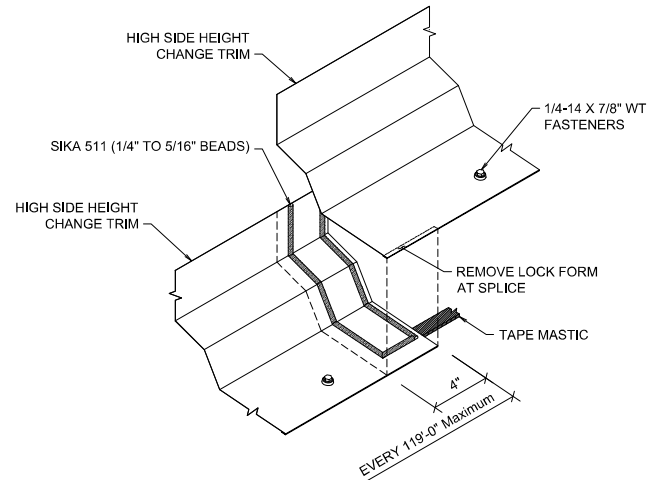
- Lap next roof cap piece onto previous piece 4".
- Do not install fasteners in the overlap.



STEP 1:

- Install high side height change trim up to the point that expansion joint is to be located.
- Apply (2) beads of Sikalastomer 511 sealant as shown.

HIGH SIDE HEIGHT CHANGE TRIM SPLICE AT EXPANSION JOINT



STEP 2:

- Lap next high side height change trim onto previous piece 4".
- Do not install fasteners in the overlap.

**TO BE
USED FOR
CONSTRUCTION**

RELEASED	10-31-22
SUPERSEDES	06-29-11

REVISIONS	
4	
3	
2	
1	

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 388-2188 cs@chiefind.com



03/11/2025

Drawing	STANDING SEAM EXPANSION TRIM JOINTS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
CHIEF BUILDINGS	DRAWN	CHECK	ORDER NO.	GD7
	KAL/BD	ALI	B3025326	GD7
	2/11/25	3/6/25		

Commonly Used Parts: Not all parts shown will be required on all projects.

Standing Seam Roof Panel Trim			Standing Seam Roof Panel Trim Continued			AP / CS Wall Panel Trim			Roof Extension Trim		

TO BE
USED FOR
CONSTRUCTION

Note: This drawing is not sealed/signed by engineer as it does not contain project specific information thus is not considered a "technical submission".

RELEASED 12-20-24
SUPERSEDES 08-21-24

Drawing	STANDARD PARTS			
Buyer	Triangle Home Pros, LLC			
Customer	Martinez Commercial Properties, LLC Fuquay Varina, NC 27526			
Project Name	E & M Concrete			
DRAWN	CHECK	ORDER NO.		SP2
KAL/BD	ALI	B3025326		SP2
2/11/25	3/6/25			



Project Name: E & M Concrete
Project Address: 308 Jarco Drive, Fuquay-Varina, NC 27526
Chief Order No.: B3025326
Date: 8/28/25
Rev.: 0

APPENDIX B

EOR Approval Letter

BUILT

Harris Structural Design, PA

3206 Heritage Trade Dr. Wake Forest, NC 27587 (919)556-6032 thomas-hsd@nc.rr.com

August 21, 2025

To: Inspection Department

Concerning: E&M Concrete
Fuquay Varina, NC

The anchor bolt projection was slightly less than required on column EC-7 on Frame Line 6. 3 of the 4 anchor bolts for this column do not have full engagement of the nut. See the (2) pictures below. Use a puddle weld for the (3) anchor bolts to reinforce the connection of the top of the bolt to the nut.



If there are any further concerns or questions do not hesitate to call.

Thomas B. Harris, PE



Sealed 8-21-25





Project Name: E & M Concrete
Project Address: 308 Jarco Drive, Fuquay-Varina, NC 27526
Chief Order No.: B3025326
Date: 8/28/25
Rev.: 0



APPENDIX C

Photos

BUILT



(E&M Concrete_001.JPG)



(E&M Concrete_002.JPG)



(E&M Concrete_003.JPG)



(E&M Concrete_004.JPG)



(E&M Concrete_005.JPG)



(E&M Concrete_006.JPG)



(E&M Concrete_007.JPG)



(E&M Concrete_008.JPG)



(E&M Concrete_009.JPG)





(E&M Concrete_010.JPG)



(E&M Concrete_011.JPG)



(E&M Concrete_012.JPG)



(E&M Concrete_013.JPG)



(E&M Concrete_014.JPG)



(E&M Concrete_015.JPG)



(E&M Concrete_016.JPG)



(E&M Concrete_017.JPG)



(E&M Concrete_018.JPG)





(E&M Concrete_019.JPG)



(E&M Concrete_020.JPG)



(E&M Concrete_021.JPG)



(E&M Concrete_022.JPG)



(E&M Concrete_023.JPG)



(E&M Concrete_024.JPG)



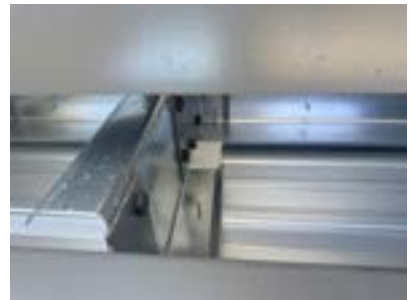
(E&M Concrete_025.JPG)



(E&M Concrete_026.JPG)



(E&M Concrete_027.JPG)





(E&M Concrete_028.JPG)



(E&M Concrete_029.JPG)



(E&M Concrete_030.JPG)



(E&M Concrete_031.JPG)



(E&M Concrete_032.JPG)



(E&M Concrete_033.JPG)



(E&M Concrete_034.JPG)



(E&M Concrete_035.JPG)



(E&M Concrete_036.JPG)





(E&M Concrete_037.JPG)



(E&M Concrete_038.JPG)



(E&M Concrete_039.JPG)



(E&M Concrete_040.JPG)



(E&M Concrete_041.JPG)



(E&M Concrete_042.JPG)



(E&M Concrete_043.JPG)



(E&M Concrete_044.JPG)



(E&M Concrete_045.JPG)





(E&M Concrete_046.JPG)



(E&M Concrete_047.JPG)



(E&M Concrete_048.JPG)



(E&M Concrete_049.JPG)



(E&M Concrete_050.JPG)



(E&M Concrete_051.JPG)



(E&M Concrete_052.JPG)



(E&M Concrete_053.JPG)



(E&M Concrete_054.JPG)





(E&M Concrete_055.JPG)



(E&M Concrete_056.JPG)



(E&M Concrete_057.JPG)



(E&M Concrete_058.JPG)



(E&M Concrete_059.JPG)



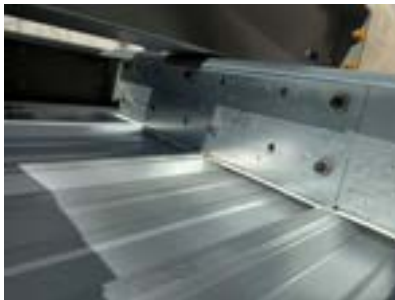
(E&M Concrete_060.JPG)



(E&M Concrete_061.JPG)



(E&M Concrete_062.JPG)



(E&M Concrete_063.JPG)





(E&M Concrete_064.JPG)



(E&M Concrete_065.JPG)



(E&M Concrete_066.JPG)



(E&M Concrete_067.JPG)



(E&M Concrete_068.JPG)



(E&M Concrete_069.JPG)



(E&M Concrete_070.JPG)



(E&M Concrete_071.JPG)



(E&M Concrete_072.JPG)





(E&M Concrete_073.JPG)



(E&M Concrete_074.JPG)



(E&M Concrete_075.JPG)



(E&M Concrete_076.JPG)



(E&M Concrete_077.JPG)



(E&M Concrete_078.JPG)



(E&M Concrete_079.JPG)



(E&M Concrete_080.JPG)



(E&M Concrete_081.JPG)





(E&M Concrete_082.JPG)



(E&M Concrete_083.JPG)



(E&M Concrete_084.JPG)



(E&M Concrete_085.JPG)



(E&M Concrete_086.JPG)



(E&M Concrete_087.JPG)



(E&M Concrete_088.JPG)



(E&M Concrete_089.JPG)



(E&M Concrete_090.JPG)





(E&M Concrete_091.JPG)



(E&M Concrete_092.JPG)



(E&M Concrete_093.JPG)



(E&M Concrete_094.JPG)



(E&M Concrete_095.JPG)



(E&M Concrete_096.JPG)



(E&M Concrete_097.JPG)



(E&M Concrete_098.JPG)



(E&M Concrete_099.JPG)





(E&M Concrete_100.JPG)



(E&M Concrete_101.JPG)



(E&M Concrete_102.JPG)



(E&M Concrete_103.JPG)



(E&M Concrete_104.JPG)



(E&M Concrete_105.JPG)



(E&M Concrete_106.JPG)



(E&M Concrete_107.JPG)



(E&M Concrete_108.JPG)





(E&M Concrete_109.JPG)



(E&M Concrete_110.JPG)



(E&M Concrete_111.JPG)



(E&M Concrete_112.JPG)



(E&M Concrete_113.JPG)



(E&M Concrete_114.JPG)



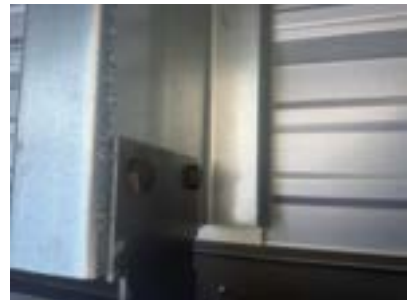
(E&M Concrete_115.JPG)



(E&M Concrete_116.JPG)



(E&M Concrete_117.JPG)





(E&M Concrete_118.JPG)



(E&M Concrete_119.JPG)



(E&M Concrete_120.JPG)



(E&M Concrete_121.JPG)



(E&M Concrete_122.JPG)



(E&M Concrete_123.JPG)



(E&M Concrete_124.JPG)



(E&M Concrete_125.JPG)



(E&M Concrete_126.JPG)





(E&M Concrete_127.JPG)



(E&M Concrete_128.JPG)



(E&M Concrete_129.JPG)



(E&M Concrete_130.JPG)



(E&M Concrete_131.JPG)



(E&M Concrete_132.JPG)



(E&M Concrete_133.JPG)



(E&M Concrete_134.JPG)



(E&M Concrete_135.JPG)





(E&M Concrete_136.JPG)



(E&M Concrete_137.JPG)



(E&M Concrete_138.JPG)



(E&M Concrete_139.JPG)



(E&M Concrete_140.JPG)



(E&M Concrete_141.JPG)



(E&M Concrete_142.JPG)



(E&M Concrete_143.JPG)



(E&M Concrete_144.JPG)





(E&M Concrete_145.JPG)



(E&M Concrete_146.JPG)



(E&M Concrete_147.JPG)



(E&M Concrete_148.JPG)



(E&M Concrete_149.JPG)



(E&M Concrete_150.JPG)



(E&M Concrete_151.JPG)



(E&M Concrete_152.JPG)



(E&M Concrete_153.JPG)





(E&M Concrete_154.JPG)



(E&M Concrete_155.JPG)



(E&M Concrete_156.JPG)



(E&M Concrete_157.JPG)



(E&M Concrete_158.JPG)



(E&M Concrete_159.JPG)



(E&M Concrete_160.JPG)



(E&M Concrete_161.JPG)



(E&M Concrete_162.JPG)





(E&M Concrete_163.JPG)



(E&M Concrete_164.JPG)



(E&M Concrete_165.JPG)



(E&M Concrete_166.JPG)



(E&M Concrete_167.JPG)



(E&M Concrete_168.JPG)



(E&M Concrete_169.JPG)



(E&M Concrete_170.JPG)



(E&M Concrete_171.JPG)





(E&M Concrete_172.JPG)



(E&M Concrete_173.JPG)



(E&M Concrete_174.JPG)



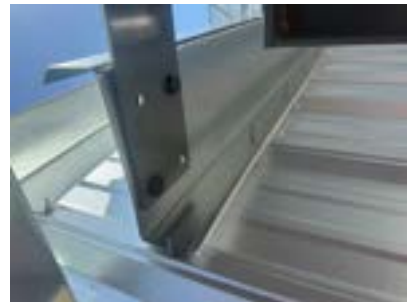
(E&M Concrete_175.JPG)



(E&M Concrete_176.JPG)



(E&M Concrete_177.JPG)



(E&M Concrete_178.JPG)



(E&M Concrete_179.JPG)



(E&M Concrete_180.JPG)





(E&M Concrete_181.JPG)



(E&M Concrete_182.JPG)



(E&M Concrete_183.JPG)



(E&M Concrete_184.JPG)



(E&M Concrete_185.JPG)



(E&M Concrete_186.JPG)



(E&M Concrete_187.JPG)



(E&M Concrete_188.JPG)



(E&M Concrete_189.JPG)





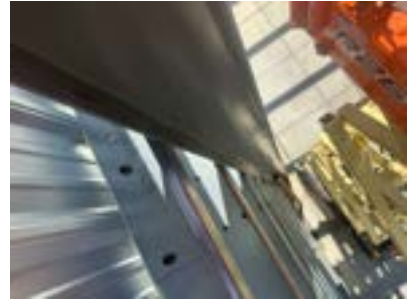
(E&M Concrete_190.JPG)



(E&M Concrete_191.JPG)



(E&M Concrete_192.JPG)



(E&M Concrete_193.JPG)



(E&M Concrete_194.JPG)



(E&M Concrete_195.JPG)



(E&M Concrete_196.JPG)



(E&M Concrete_197.JPG)



(E&M Concrete_198.JPG)





(E&M Concrete_199.JPG)



(E&M Concrete_200.JPG)



(E&M Concrete_201.JPG)



(E&M Concrete_202.JPG)



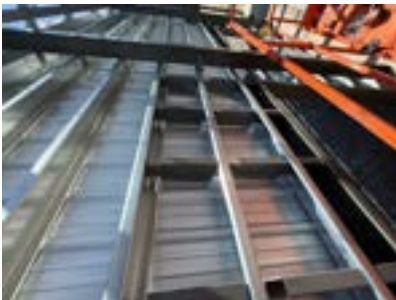
(E&M Concrete_203.JPG)



(E&M Concrete_204.JPG)



(E&M Concrete_205.JPG)



(E&M Concrete_206.JPG)



(E&M Concrete_207.JPG)





(E&M Concrete_208.JPG)



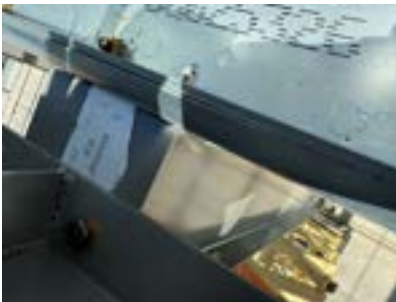
(E&M Concrete_209.JPG)



(E&M Concrete_210.JPG)



(E&M Concrete_211.JPG)



(E&M Concrete_212.JPG)



(E&M Concrete_213.JPG)



(E&M Concrete_214.JPG)



(E&M Concrete_215.JPG)



(E&M Concrete_216.JPG)





(E&M Concrete_217.JPG)



(E&M Concrete_218.JPG)



(E&M Concrete_219.JPG)



(E&M Concrete_220.JPG)



(E&M Concrete_221.JPG)



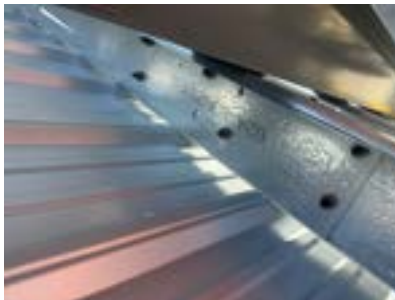
(E&M Concrete_222.JPG)



(E&M Concrete_223.JPG)



(E&M Concrete_224.JPG)



(E&M Concrete_225.JPG)





(E&M Concrete_226.JPG)



(E&M Concrete_227.JPG)



(E&M Concrete_228.JPG)



(E&M Concrete_229.JPG)



(E&M Concrete_230.JPG)



(E&M Concrete_231.JPG)



(E&M Concrete_232.JPG)



(E&M Concrete_233.JPG)



(E&M Concrete_234.JPG)

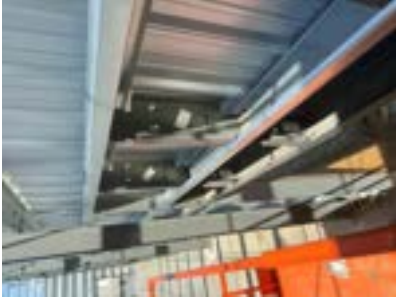


Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_235.JPG)



(E&M Concrete_236.JPG)



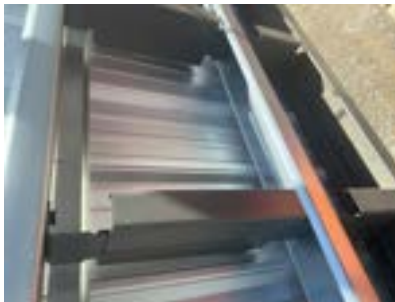
(E&M Concrete_237.JPG)



(E&M Concrete_238.JPG)



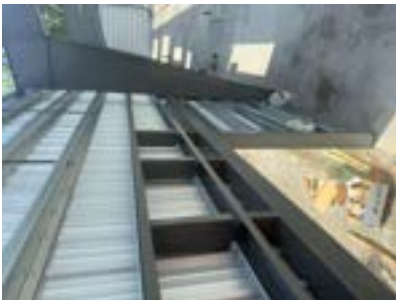
(E&M Concrete_239.JPG)



(E&M Concrete_240.JPG)



(E&M Concrete_241.JPG)



(E&M Concrete_242.JPG)



(E&M Concrete_243.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_244.JPG)



(E&M Concrete_245.JPG)



(E&M Concrete_246.JPG)



(E&M Concrete_247.JPG)



(E&M Concrete_248.JPG)



(E&M Concrete_249.JPG)



(E&M Concrete_250.JPG)



(E&M Concrete_251.JPG)



(E&M Concrete_252.JPG)





(E&M Concrete_253.JPG)



(E&M Concrete_254.JPG)



(E&M Concrete_255.JPG)



(E&M Concrete_256.JPG)



(E&M Concrete_257.JPG)



(E&M Concrete_258.JPG)



(E&M Concrete_259.JPG)



(E&M Concrete_260.JPG)



(E&M Concrete_261.JPG)





(E&M Concrete_262.JPG)



(E&M Concrete_263.JPG)



(E&M Concrete_264.JPG)



(E&M Concrete_265.JPG)



(E&M Concrete_266.JPG)



(E&M Concrete_267.JPG)



(E&M Concrete_268.JPG)



(E&M Concrete_269.JPG)



(E&M Concrete_270.JPG)





(E&M Concrete_271.JPG)



(E&M Concrete_272.JPG)



(E&M Concrete_273.JPG)



(E&M Concrete_274.JPG)



(E&M Concrete_275.JPG)



(E&M Concrete_276.JPG)



(E&M Concrete_277.JPG)



(E&M Concrete_278.JPG)



(E&M Concrete_279.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_280.JPG)



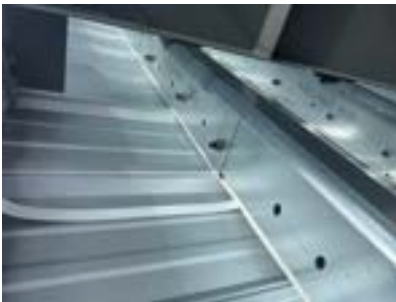
(E&M Concrete_281.JPG)



(E&M Concrete_282.JPG)



(E&M Concrete_283.JPG)



(E&M Concrete_284.JPG)



(E&M Concrete_285.JPG)



(E&M Concrete_286.JPG)



(E&M Concrete_287.JPG)



(E&M Concrete_288.JPG)

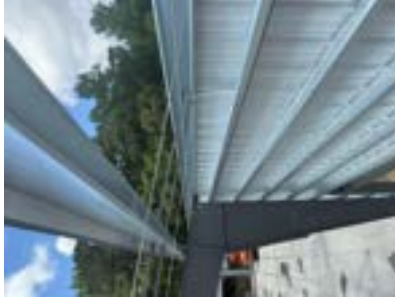




(E&M Concrete_289.JPG)



(E&M Concrete_290.JPG)



(E&M Concrete_291.JPG)



(E&M Concrete_292.JPG)



(E&M Concrete_293.JPG)



(E&M Concrete_294.JPG)



(E&M Concrete_295.JPG)



(E&M Concrete_296.JPG)



(E&M Concrete_297.JPG)





(E&M Concrete_298.JPG)



(E&M Concrete_299.JPG)



(E&M Concrete_300.JPG)



(E&M Concrete_301.JPG)



(E&M Concrete_302.JPG)



(E&M Concrete_303.JPG)



(E&M Concrete_304.JPG)



(E&M Concrete_305.JPG)



(E&M Concrete_306.JPG)





(E&M Concrete_307.JPG)



(E&M Concrete_308.JPG)



(E&M Concrete_309.JPG)



(E&M Concrete_310.JPG)



(E&M Concrete_311.JPG)



(E&M Concrete_312.JPG)



(E&M Concrete_313.JPG)



(E&M Concrete_314.JPG)



(E&M Concrete_315.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_316.JPG)



(E&M Concrete_317.JPG)



(E&M Concrete_318.JPG)



(E&M Concrete_319.JPG)



(E&M Concrete_320.JPG)



(E&M Concrete_321.JPG)



(E&M Concrete_322.JPG)



(E&M Concrete_323.JPG)



(E&M Concrete_324.JPG)





(E&M Concrete_325.JPG)



(E&M Concrete_326.JPG)



(E&M Concrete_327.JPG)



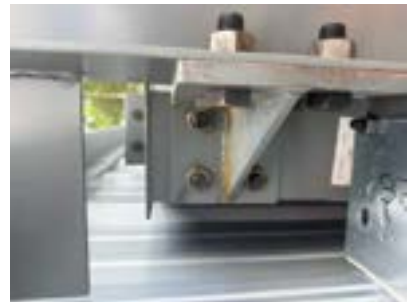
(E&M Concrete_328.JPG)



(E&M Concrete_329.JPG)



(E&M Concrete_330.JPG)



(E&M Concrete_331.JPG)



(E&M Concrete_332.JPG)



(E&M Concrete_333.JPG)





(E&M Concrete_334.JPG)



(E&M Concrete_335.JPG)



(E&M Concrete_336.JPG)



(E&M Concrete_337.JPG)



(E&M Concrete_338.JPG)



(E&M Concrete_339.JPG)



(E&M Concrete_340.JPG)



(E&M Concrete_341.JPG)



(E&M Concrete_342.JPG)





(E&M Concrete_343.JPG)



(E&M Concrete_344.JPG)



(E&M Concrete_345.JPG)



(E&M Concrete_346.JPG)



(E&M Concrete_347.JPG)



(E&M Concrete_348.JPG)



(E&M Concrete_349.JPG)



(E&M Concrete_350.JPG)



(E&M Concrete_351.JPG)





(E&M Concrete_352.JPG)



(E&M Concrete_353.JPG)



(E&M Concrete_354.JPG)



(E&M Concrete_355.JPG)



(E&M Concrete_356.JPG)



(E&M Concrete_357.JPG)



(E&M Concrete_358.JPG)



(E&M Concrete_359.JPG)



(E&M Concrete_360.JPG)





(E&M Concrete_361.JPG)



(E&M Concrete_362.JPG)



(E&M Concrete_363.JPG)



(E&M Concrete_364.JPG)



(E&M Concrete_365.JPG)



(E&M Concrete_366.JPG)



(E&M Concrete_367.JPG)



(E&M Concrete_368.JPG)



(E&M Concrete_369.JPG)





(E&M Concrete_370.JPG)



(E&M Concrete_371.JPG)



(E&M Concrete_372.JPG)



(E&M Concrete_373.JPG)



(E&M Concrete_374.JPG)



(E&M Concrete_375.JPG)



(E&M Concrete_376.JPG)



(E&M Concrete_377.JPG)



(E&M Concrete_378.JPG)





(E&M Concrete_379.JPG)



(E&M Concrete_380.JPG)



(E&M Concrete_381.JPG)



(E&M Concrete_382.JPG)



(E&M Concrete_383.JPG)



(E&M Concrete_384.JPG)



(E&M Concrete_385.JPG)



(E&M Concrete_386.JPG)



(E&M Concrete_387.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_388.JPG)



(E&M Concrete_389.JPG)



(E&M Concrete_390.JPG)



(E&M Concrete_391.JPG)



(E&M Concrete_392.JPG)



(E&M Concrete_393.JPG)



(E&M Concrete_394.JPG)



(E&M Concrete_395.JPG)



(E&M Concrete_396.JPG)





(E&M Concrete_397.JPG)



(E&M Concrete_398.JPG)



(E&M Concrete_399.JPG)



(E&M Concrete_400.JPG)



(E&M Concrete_401.JPG)



(E&M Concrete_402.JPG)



(E&M Concrete_403.JPG)



(E&M Concrete_404.JPG)



(E&M Concrete_405.JPG)





(E&M Concrete_406.JPG)



(E&M Concrete_407.JPG)



(E&M Concrete_408.JPG)



(E&M Concrete_409.JPG)



(E&M Concrete_410.JPG)



(E&M Concrete_411.JPG)



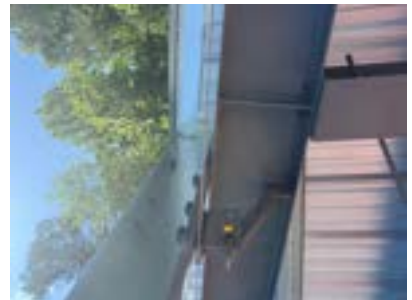
(E&M Concrete_412.JPG)



(E&M Concrete_413.JPG)



(E&M Concrete_414.JPG)





(E&M Concrete_415.JPG)



(E&M Concrete_416.JPG)



(E&M Concrete_417.JPG)



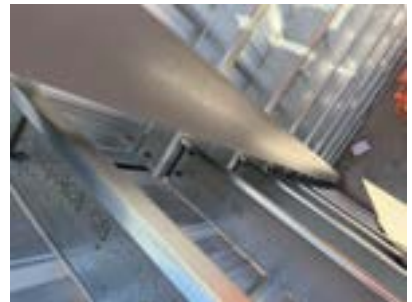
(E&M Concrete_418.JPG)



(E&M Concrete_419.JPG)



(E&M Concrete_420.JPG)



(E&M Concrete_421.JPG)



(E&M Concrete_422.JPG)



(E&M Concrete_423.JPG)





(E&M Concrete_424.JPG)



(E&M Concrete_425.JPG)



(E&M Concrete_426.JPG)



(E&M Concrete_427.JPG)



(E&M Concrete_428.JPG)



(E&M Concrete_429.JPG)



(E&M Concrete_430.JPG)



(E&M Concrete_431.JPG)



(E&M Concrete_432.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_433.JPG)



(E&M Concrete_434.JPG)



(E&M Concrete_435.JPG)



(E&M Concrete_436.JPG)



(E&M Concrete_437.JPG)



(E&M Concrete_438.JPG)



(E&M Concrete_439.JPG)



(E&M Concrete_440.JPG)



(E&M Concrete_441.JPG)



Built, LLC

144 East King Street, Unit 337
Hillsborough, North Carolina 27278



(E&M Concrete_442.JPG)



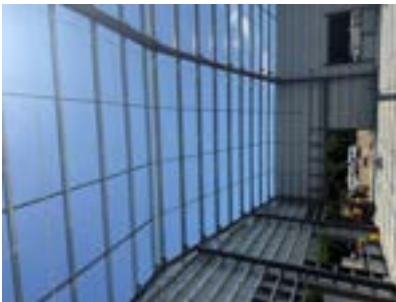
(E&M Concrete_443.JPG)



(E&M Concrete_444.JPG)



(E&M Concrete_445.JPG)



(E&M Concrete_446.JPG)



(E&M Concrete_447.JPG)



(E&M Concrete_448.JPG)



(E&M Concrete_449.JPG)



(E&M Concrete_450.JPG)





(E&M Concrete_451.JPG)

