ADAM J. ROZEN, P.C.

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Marietta, Georgia 30060

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ADAM J. ROZEN ajrozen@rozenandrozen.com

August 27, 2020

VIA EMAIL DELIVERY

Ms. Robin Osindele
Planning & Zoning Urban Planner
City of Marietta, Department of Development Services
205 Lawrence Street
Marietta, GA 30060

Re: Variance Application of White Hawk, Inc, regarding a 1.1± Acre Tract located in Land Lot 854, 16th District, City of Marietta, Cobb County, Georgia. V2020-30

Dear Robin:

As you know, I represent White Hawk, Inc. ("Applicant") concerning the above-captioned Application for Variances regarding property owned by 1601 Enterprises with an operational name of Jack's Tire and Auto Service. The Application is scheduled to be heard and considered by the City of Marietta Board of Zoning Appeals on August 31, 2020.

The property at issue consists of one parcel at 1601 Canton Road located on the north west side of Canton Road at its intersection with Collins Road. The subject property is zoned Community Retail Commercial ("CRC") and is in an area denominated as Industrial- Warehousing ("IW") which designation and character encompasses the surrounding properties in and around this industrial corridor of Canton Road. This area contains a mixture of properties in unincorporated Cobb County and the City of Marietta with most properties either currently zoned commercial or industrial or if currently residential are under a future land use designation as industrial.

The most common structures along this section of Canton Road are warehouse buildings of varying age and almost exclusively as metal or old block structures. These structures house the various automotive, heavy special contractor (Marietta and Circle A Fence), electrical contractor uses with most being fully exposed to view along their frontage of Canton Road. The view across Canton Road is the railroad line and the view across Collins Road, the view of the proposed replacement building, is another warehouse building with a history of automotive repair.

Presently, the subject property is utilized for Jack's Tire and Auto Service facility which has successfully operated at this location for many years. The current use of the subject property is permitted under the CRC zoning and the owner intends to maintain the current use of the site but seeks approval to renovate the existing building and reconstruct a two thousand square foot (2,000 sf) portion of the building structure within the same building footprint. The removed building section is a dilapidated block structure which will be replaced with high quality

Galvalume material façade and steel frame internal structure. (See the attached packet on the materials to be utilized). The Galvalume material is a 26 and 24 gauge material (not customary corrugated metal) and it is important to note that the prior variances granted for metal siding are noted in Staff's Analysis as Aluminum Composite Material. Galvalume is a steel coil coated with a metal alloy which is a combination of zinc and aluminum with aluminum the majority material. Galvalume has barrier corrosion resistance and heat resistance similar to aluminized material and resists rust, elements and fire.[1]

To complete the reconstruction, the Applicant (White Hawk) is performing the general contractor and construction services for the Owner in furtherance of the new construction. The Applicant is a very familiar name for the City of Marietta and is known for its quality steel frame construction. Currently, White Hawk is building facilities at Kennesaw State University and other major educational and industrial sites. White Hawk is one of the most well respected in its industry, particularly in the City of Marietta where it has owned and operated its headquarters (White Hawk Business Park) for many years not only operating its construction business but also owning a majority of properties surrounding its Business Park where it provides business, industrial and residential space to numerous tenants.

This letter will serve as the Applicant's expression of agreement with the following stipulations which shall, upon the requested Variance Application being approved, become conditions and a part of the grant of the Application and binding upon the Subject Property thereafter. The referenced stipulations are as follows, to wit:

1. The revised stipulations and conditions set forth herein shall replace and supersede in full any and all prior stipulations and conditions, where in conflict with the herein, which are currently in place with respect to the Subject Property.

2. The building section to be reconstructed will be within the same existing building footprint and located similar to that identified in the attached representations.

3. The architectural style and composition will be similar to that as identified in the attached Ceco Building Systems building materials packet and building permit plans.

[1] https://www.englertinc.com/blog/architects-notes-the-differences-between-galvalume-and-galvanized-in-metal-roofing-projects/

4. The granting of the following variances as identified in the Staff Analysis of August 12, 2020, to wit:

    a. Variance to Section 708.26.G.3 to allow a portion of the building design which faces a roadway to be metal;

    b. Variance to Section 708.16 (I) to eliminate the forty-foot (40') buffer adjacent to any residential district.

5. The Owner will install a single row of evergreen plantings along its adjoining boundary with 710 Mitchell Drive which will be in addition to the existing overgrowth of landscaping along the existing chain link fence.[2]

6. Minor modifications may be approved by the Director of Development Services and/or his designee.

This proposed construction and variance is consistent with existing surrounding buildings including many industrial warehouses constructed of metal and other various materials and also facing a roadway. Particularly important in this case is that the section to be replaced faces directly to Collins Road and not the more heavily travelled Canton Road. For the view from Canton Road, vehicular traffic will experience a view which is no different than the existing railroad tracks and industrial warehouse and contractor storage lots as exist currently but the proposed structure will be of better quality construction and exterior than most surrounding properties.

[CONTINUED ONTO FOLLOWING PAGE]

[2] The only other residential neighbor at 728 Mitchell Drive is currently screened with an existing privacy fence and existing overgrowth landscaping.

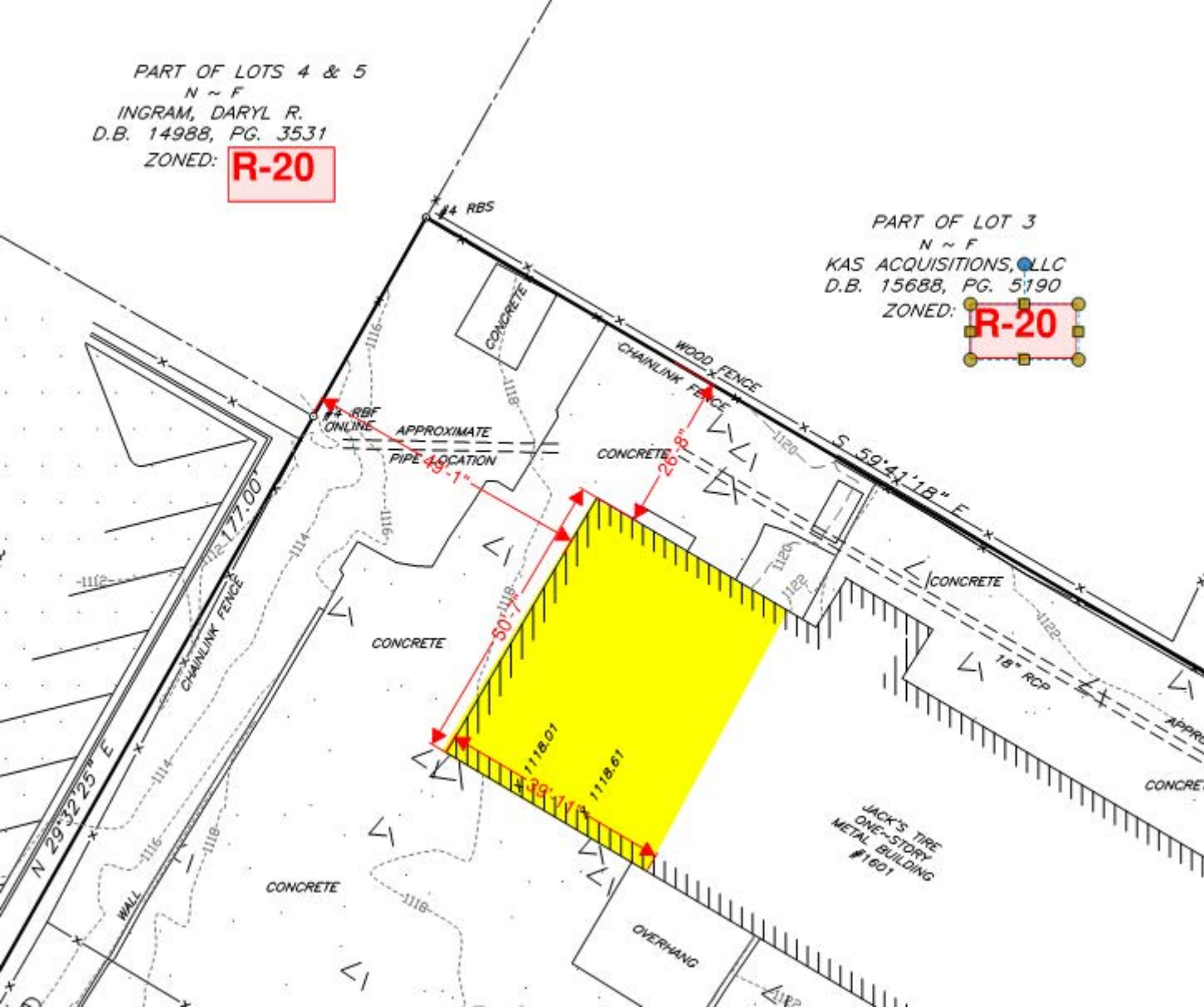
For all the reasons stated herein above and with all of the information and documentation which is before you, we respectfully request that the Variance Application be approved. Please do not hesitate to contact me should you or your staff require further information or documentation prior to being heard and considered by the Board of Zoning Appeals on August 31, 2020.

Sincerely,

ADAM J. ROZEN, P.C.

Adam J. Rozen
ajrozen@rozenandrozen.com

cc: Chairman, Mr. Bobby Van Buren, Board of Zoning Appeals, Ward Member
Marietta Board of Zoning Appeals, Members
Mr. Rusty Roth, AICP Development Services Director
Ms. Jasmine Thornton, Planning and Zoning Administrator II
Commander Jason Garner, Fire Department
Daniel W. White, Esq., City of Marietta Attorney
Ms. Ines Embler, Planning and Zoning Coordinator
Shay Vought, Project Manager, White Hawk, Inc.
1601 Enterprises, LLC


PART OF LOTS 4 & 5
N ~ F
INGRAM, DARYL R.
D.B. 14988, PG. 3531
ZONED: R-20
PART OF LOT 3
N ~ F
KAS ACQUISITIONS, LLC
D.B. 15688, PG. 5190
ZONED: R-20
#4 RBS
#4 RBF ONLINE
APPROXIMATE PIPE LOCATION
CONCRETE
WOOD FENCE
CHAINLINK FENCE
S 59°41'18" E
N 29°32'25" E
177.00'
49'-1"
26'-9"
50'-7"
39'-11"
1118.01
1118.61
18" RCP
JACK'S TIRE ONE-STORY METAL BUILDING #1601
OVERHANG
WALL

(2020)
Baldwin

Ceco Building Systems

COMMERCIAL INDUSTRIAL

COLOR **CHART**

SIGNATURE® 200

STANDARD COLORS
26- AND 24-GAUGE MATERIAL

Siliconized Polyester

Polar White is a Straight Polyester.

* Also available in 29-gauge
** Minimum quantities and/or extended lead times required for 24-gauge. Please inquire.

Galvalume Plus® also available.

ENERGY STAR PARTNER

★ ENERGY STAR® Qualified

COBALT BLUE**★	HAWAIIAN BLUE**★	BURNISHED SLATE**★	CHARCOAL GRAY** ★	ASH GRAY★
KOKO BROWN★	DESERT SAND★	SADDLE TAN ★	LIGHT STONE★	SOLAR WHITE** ★
POLAR WHITE*★	RUSTIC RED★	CRIMSON RED**★	FERN GREEN** ★	GALVALUME PLUS®

Final color selection should be made from metal color chips.

SIGNATURE® 300

STANDARD COLORS
26-GAUGE MATERIAL
PBR, PBU, AVP, PBC, PBD PANELS ONLY

Polyvinylidene Fluoride (PVDF); Low Gloss

* Also available in 24-gauge
** Minimum quantities and/or extended lead times required for 24-gauge. Please inquire.
† Minimum quantities and/or extended lead times required for all gauges. Please inquire.

BONE WHITE**★**

SNOW WHITE*★**

SLATE GRAY**★**

MEDIUM BRONZE*★**

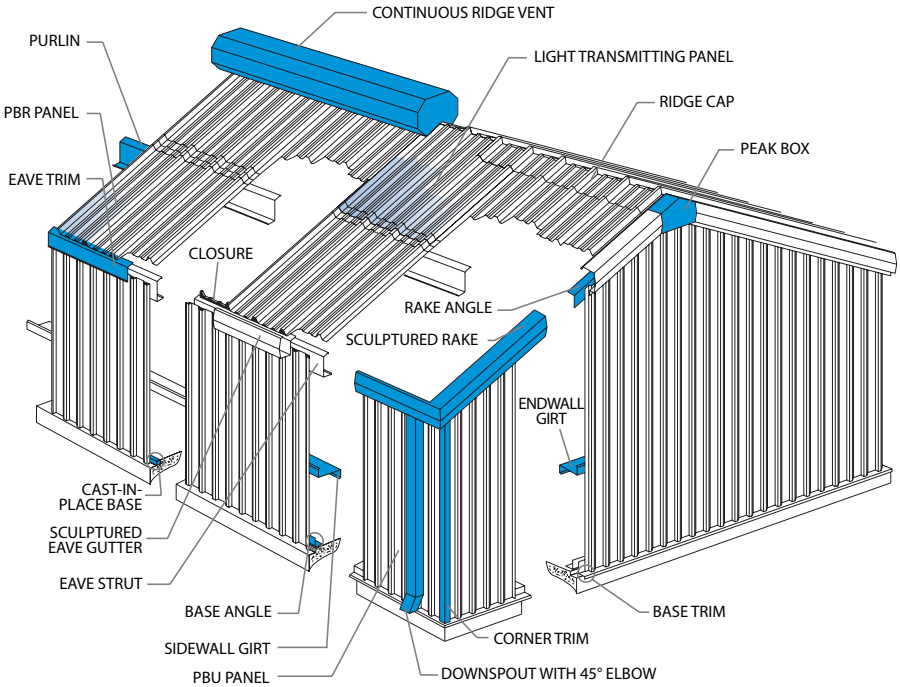
BROWNSTONE*★**

ALMOND*★**

BRITE RED † ★

HARBOR BLUE** ★**

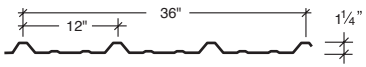
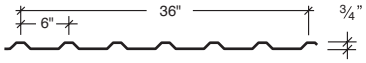
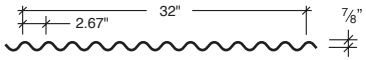
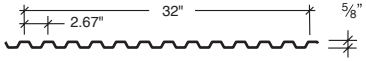
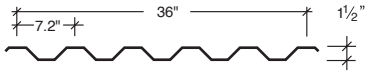
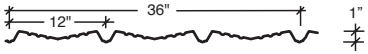
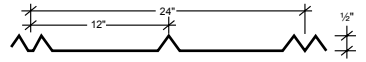
CLASSIC GREEN** ★**



AVAILABLE ACCESSORIES

- Hat and Channel Sections
- Light Transmitting Panels
- Vents
- Roof Jacks
- Fasteners
- Ridge Caps
- Closures
- Doors
- Windows
- Sealants
- Insulation
- Bracing
- Bolts
- Louvers
- Sliding Door Hardware

EAVE STRUTS CEE ZEE ANGLES CHANNEL

PANEL PROFILE	PANEL	29 GAUGE		26 GAUGE			24 GAUGE			22 GAUGE		
		Galvalume Plus	Sig 200	Galvalume Plus	Sig 200	Sig 300	Galvalume Plus	Sig 200	Sig 300	Galvalume Plus	Sig 200	Sig 300
	PBR	●	■	●	●	■	●	■	■	●	■	■
	PBU	●	■	●	●	■	●	■	■	●	■	■
	PBC	●	■	●	●	■	●	■	■	●	■	■
	PBD	●	■	●	●	■	●	■	■	●	■	■
	7.2	●	■	●	■	■	●	■	■	●	■	■
	AVP	●	■	●	●	■	●	■	■	●	■	■
	5V Crimp	●	■	●	■	■						

● Available in any quantity
■ May require minimum quantity

Ceco Building Systems

For complete performance specifications, product limitations and disclaimers, please consult Ceco Building Systems Paint and Galvalume Plus® warranties.

Upon receipt of payment in full, these warranties are available by request for all painted or Galvalume Plus® prime products. Contact your local Ceco Building Systems Sales Representative or visit www.cecobuildings.com for sample copies.

FOR THE MOST CURRENT INFORMATION AVAILABLE, VISIT OUR WEBSITE AT WWW.CECOBUILDINGS.COM

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Builder/Contractor Responsibilities

Drawing Validity – These drawings, supporting structural calculations and design certification are based on the order documents as of the date of these drawings. These documents describe the material supplied by the manufacturer as of the date of these drawings. Any changes to the order documents after the date on these drawings may void these drawings, supporting structural calculations and design certification. The Builder/Contractor is responsible for notifying the building authority of all changes to the order documents which result in changes to the drawings, supporting structural calculations and design certification.

Builder Acceptance of Drawings – Approval of the manufacturer's drawings and design data affirms that the manufacturer has correctly interpreted and applied the requirements of the order documents and constitutes Builder/Contractor acceptance of the manufacturer's interpretations of the order documents and standard product specifications, including its design, fabrication and quality criteria standards and tolerances. (April 2010 Section 4.4.1)

Code Official Approval – It is the responsibility of the Builder/Contractor to ensure that all project plans and specifications comply with the applicable requirements of any governing building authority. The Builder/Contractor is responsible for securing all required approvals and permits from the appropriate agency as required.

Building Erection – The Builder/Contractor is responsible for all erection of the steel and associated work in compliance with the Metal Building Manufacturers drawings. Temporary supports, such as temporary guys, braces, false work or other elements required for erection will be determined, furnished and installed by the erector (April 2010 Section 7.10.3) (CSA/S16–09 Section 29).

Discrepancies – Where discrepancies exist between the Metal Building plans and plans for other trades, the Metal Building plans will govern. (April 2010 Section 3.3)

Materials by Others – All interface and compatibility of any materials not furnished by the manufacturer are the responsibility of and to be coordinated by the Builder/Contractor or A/E firm. Unless specific design criteria concerning any interface between materials if furnished as a part of the order documents, the manufacturers assumptions will govern.

Modification of the Metal Building from Plans – The Metal Building supplied by the manufacturer has been designed according to the Building Code and specifications and the loads shown on this drawing. Modification of the building configuration, such as removing wall panels or braces, from that shown on these plans could affect the structural integrity of the building. The Metal Building Manufacturer or a Licensed Structural Engineer should be consulted prior to making any changes to the building configuration shown on these drawings. The Metal Building Manufacturer will assume no responsibility for any loads applied to the building not indicated on these drawings.

Foundation Design
The Metal Building Manufacturer is not responsible for the design, materials and workmanship of the foundation. Anchor rod plans prepared by the manufacturer are intended to show only location, diameter and projection of the anchor rods required to attach the Metal Building System to the foundation. It is the responsibility of the end customer to ensure that adequate provisions are made for specifying rod embedment, bearing values, tie rods and or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. (MBMA 06 Sections 3.2.2 and A3)

Ceco Building Systems

EASTERN AND SOUTHERN REGION	MIDWESTERN REGION
P.O. DRAWER 2387 100 RED IRON ROAD ROCKY MOUNT, NC 27802 FIELD REPRESENTATIVE: EARL GOODE (252) 407-1932 OR MIKE TYSON (252) 407-1834	P.O. BOX 72 305 NORTH IRIS STREET MOUNT PLEASANT, IA 52641 FIELD REPRESENTATIVE: LEON KUEHN (319) 217-4022

FOR QUESTIONS OR ASSISTANCE CONCERNING YOUR CECO BUILDING, PLEASE CALL OUR FIELD SERVICES REPRESENTATIVE.

Quality Metal Building Systems
From Your Construction Professionals

MBMA METAL BUILDING MANUFACTURERS ASSOCIATION — MBMA MEMBER

IAS ACCREDITED AC472 — IAS ACCREDITED

FM APPROVED — PBR, DOUBLE-LOK, SUPERLOK, LS-36 CFR, CFMETL-PLANK, V-RIB, 7.2 INSUL-RIB, MESA, FLUTE, STRIATED, SANTA FE, ARCH. FLAT)

CERSAI — MT. PLEASANT IOWA

MIAMI DADE COUNTY — MIAMI DADE MAP, PBR, BATTENLOK HS DOUBLE-LOK, SUPERLOK

UL LISTED — ROOF SYSTEMS MAP, PBR, PBU, LOKSEAM DOUBLE-LOK, ULTRA-DEK BATTENLOK HS, SUPERLOK CFR, 7.2 PANEL

ENGINEERING DESIGN CRITERIA

Building Code	2018 IBC
Building Risk Category	Normal (Risk Category II)
Roof Dead Load	
Superimposed	2.16 psf
Collateral	3.00 psf
(3.00 psf Other)	
Roof Live Load	20.00 psf reduction allowed
Snow	
Ground Snow Load (Pg)	5.00 psf
Snow Load Importance Factor (I)	1.00
Flat Roof Snow Load (Pf)	5.00 psf
Snow Exposure Factor (Ce)	1.00
Thermal Factor (Ct)	1.00
Wind	
Ultimate Wind Speed (Vult)	106.00 mph
Nominal Wind Speed (Vasd)	82 mph (IBC section 1609.3.1)
Serviceability Wind Speed	72 mph
Ground Elevation Factor	0.96 (1043 ft ASL)
Wind Exposure Category	B
Exposure Coefficient (MWFRS)	0.701
Exposure Coefficient (C & C)	0.645
Enclosure Classification	Enclosed Building
Internal Pressure Coef (GCpi)	0.18/-0.18
Wall Loads for components not provided by building manufacturer	
Zone 5 Areas (within 4.00' of corner)	17.91 psf pressure -23.99 psf suction
Zone 4 Areas (away from corners)	17.91 psf pressure -19.43 psf suction
These values are the maximum values required based on a 10 sq ft area.	
Components with larger areas may have lower wind loads.	
Seismic	
Seismic Importance Factor (Ie)	1.00
Seismic Design Category	C
Soil Site Class	D Stiff Soil
Ss	0.207 g Sds ..... 0.221 g
S1	0.089 g Sd1 ..... 0.142 g
Analysis Procedure	Equivalent Lateral Force
Column Line	1,2 SWC SWA
Basic Force Resisting System	H G
Response Modification Coefficient (R)	3.00 1.25
Seismic Response Coefficient (Cs)	0.07 0.177
Design Base Shear in kips (V)	1.25 0.990
Basic Structural System (from ASCE 7-16 Table 12.2-1)	
H - Steel System not Specifically Detailed for Seismic Resistance	
G - Cantilevered Column Systems	

DEFLECTION CRITERIA

The material supplied by the manufacturer has been designed with the following minimum deflection criteria. The actual deflection may be less depending on actual load and actual member length.

BUILDING DEFLECTION LIMITS.....: BLDG-B

Roof Limits		Rafters	Purlins	Panels
Live:	L/	180	150	60
Snow:	L/	180	180	60
Serviceability Wind:	L/	180	180	60
Total Gravity:	L/	120	120	60
Total Uplift:	L/	N/A	N/A	60

Frame Limits		Sidesway
Live:	H/	60
Snow:	H/	60
Serviceability Wind:	H/	60
Seismic Drift:	H/	40
Total Gravity:	H/	60
Service Seismic:	H/	40

Wall Limits		Limit
Total Wind Panels:	L/	60
Total Wind Girts:	L/	90
Total Wind EW Columns:	L/	120

The Service Seismic limit as shown here is at service level loads.

PROJECT NOTES

Material properties of steel bar, plate, and sheet used in the fabrication of built-up structural framing members conform to ASTM A529, ASTM A572, or ASTM A1011 with 55 ksi min. yield, except flanges wider than 12" and thicker than 3/8", all flanges thicker than 1", and all welds thicker than 3/8" are 50 ksi min. yield. Rod X-bracing conforms to ASTM A529 or ASTM A572 with 50 ksi min. yield. Cable X-bracing conforms to ASTM A475 7 Strand Extra High-Strength grade. Hot rolled structural shapes conform to ASTM A992, ASTM A529, or ASTM A572 with 50 ksi min. yield. Hot rolled angles, other than flange braces, conform to ASTM A36 minimum. Round and rectangular HSS conforms to ASTM A500 Grade B. Cold-formed steel secondary framing Members conform to ASTM A1011 or ASTM A653 Grade 55 with 55 ksi min. yield. For Canada, material properties conform to CAN/CSA G40.20/G40.21 or equivalent.

All bolted joints with A325 Type 1 bolts are specified as snug-tightened joints in accordance with the most recent edition of the RCSC Specification for Structural Joints Using ASTM A325 or A490 Bolts. Pre-tensioning methods, including turn-of-nut, calibrated wrench, twist-off-type tension-control bolts or direct-tension-indicator are NOT required. Installation inspection requirements for Snug Tight Bolts (Specification for Structural Joints Section 9.1) is suggested.

Design criteria as noted is as given within order documents and is applied in general accordance with the applicable provisions of the model code and/or specification indicated. Neither the metal building manufacturer nor the certifying engineer declares or attests that the loads as designated are proper for local provisions that may apply or for site specific parameters. The design criteria is supplied by the builder, project owner, or an Architect and/or Engineer of Record for the overall construction project.

This project is designed using manufacturer's standard serviceability criteria. Generally this means that all deflections are within typical performance limits for normal occupancy and standard metal building products.

This metal building system is designed as an Enclosed Building. Exterior and/or operable components including, but not limited to, doors, windows, vents, etc. ("Components") must be designed to withstand the required component and cladding wind pressures specified by the building code. In order to maintain the metal building system's Enclosed Building condition, all Components shall be closed when wind velocities reach half the designed wind load for the metal building system as shown on the drawings and design criteria documentation. Failure to maintain the metal building system's Enclosed Building condition will violate and void all warranties and certifications applicable to the material supplied by the metal building manufacturer.

Framed openings, walk doors, and open areas shall be located in the bay and elevation as shown in the erection drawings. The cutting or removal of girts shown on the erection drawings due to the addition of framed openings, walk doors, or open areas not shown may void the design certifications supplied by the metal building manufacturer.

Using 7 x 8 eave gutter with 4 x 5 downspouts, the roof drainage system has been designed using the method outlined in the MBMA Metal Building Systems Manual. Downspout locations have not been located on these drawings. The downspouts are to be placed on the building sidewalls at a spacing not to exceed 40 feet with the first downspout from both ends of the gutter run within 20 feet of the end. Downspout spacing that does not exceed the maximum spacing will be in compliance with the building code. The gutter and downspout system as provided by the manufacturer is designed to accommodate 8 in/hr rainfall intensity.

The rigid frame at building B side 3 is designed as a non-expandable rigid frame. Corresponding frame reactions are calculated based upon actual tributary area.

Investigation of the existing structure for possible detrimental effects due to the metal building addition is not within the metal building manufacturer's scope of work. It is strongly recommended that the original designer or other responsible professional be retained to analyze the existing structure, recommending any reinforcement that may be needed. The metal building manufacturer and its certifying engineer expressly exclude the existing structure for any warranty or certification whether written, verbal or implied.

Endwall D of Building B will tie into an existing building not by Building Manufacturer, of the same Eave Height and roof pitch. Manufacturer will provide roof to roof and wall to wall tie-in trim for an assumed 'R' type existing roof and wall panel.

Drawing Index

Page	Description
F1	Anchor Rod
F2	Anchor Rod Details
F3	Reaction Drawings
E1	Cover Sheet
E2	Roof Framing / Roof Sheeting BLDGB
E3	Sidewall BLDGB WALLSWA
E4	Sidewall BLDGB WALLSWC
E5	Endwall BLDGB WALLEWB
E6	Endwall BLDGB WALLEWD
E7–E8	Main Frame Cross Sections
E9	Connection Detail

Revision	Date	Description	By	Ck'd

Download panel installation manuals from:
www.ncimanuals.com

Descargue los manuales de instalación del panel desde:
www.ncimanuals.com

BUILDING DESCRIPTIONS

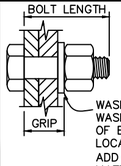
Building ID	Width	Length	Height	Slope
Building B	50'–0	40'–0	19'–4	3:12

½"ø A325 BOLT GRIP TABLE

GRIP	LENGTH
0 TO 9/16"	1 1/4" F.T.
Over 9/16" TO 1 1/16"	1 3/4" F.T.
Over 1 1/16" TO 1 5/16"	2"
Over 1 5/16" TO 1 9/16"	2 1/4"
Over 1 9/16" TO 1 13/16"	2 1/2"
Over 1 13/16" TO 2 1/16"	2 3/4"

LOCATIONS OF BOLTS LONGER THAN 2 3/4" NOTED ON ERECTION DRAWINGS

F.T. DENOTES FULLY THREADED



NOTE: FULL THREAD ENGAGEMENT IS DEEMED TO HAVE BEEN MET WHEN THE END OF THE BOLT IS FLUSH WITH THE FACE OF THE NUT.

WASHER REQUIRED ONLY WHEN SPECIFIED. WASHER MAY BE LOCATED UNDER HEAD OF BOLT, UNDER NUT, OR AT BOTH AT LOCATIONS NOTED ON ERECTION DRAWINGS. ADD 5/32" FOR EACH WASHER TO MATERIAL THICKNESS TO DETERMINE GRIP.

Ceco Building Systems
Columbus, MS: (662) 243-6400
Mount Pleasant, IA: (319) 385-8001
Rocky Mount, NC: (252) 977-2131
www.cecobuildings.com

Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066-6397
ATTN: CY HEDRICK

Project Name & Location:
JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066-6301

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale:	NOT TO SCALE
Drawn by:	EOL 7/1/20
Checked by:	MAC 7/2/20
Project Engineer:	AXQ
Job Number:	17-B-66631-1
Sheet Number:	E1 of 9

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only.The undersigned engineer is not the overall engineer of record for this project.

Yuangang (Bill) Li, P.E.
Georgia P.E. 32641

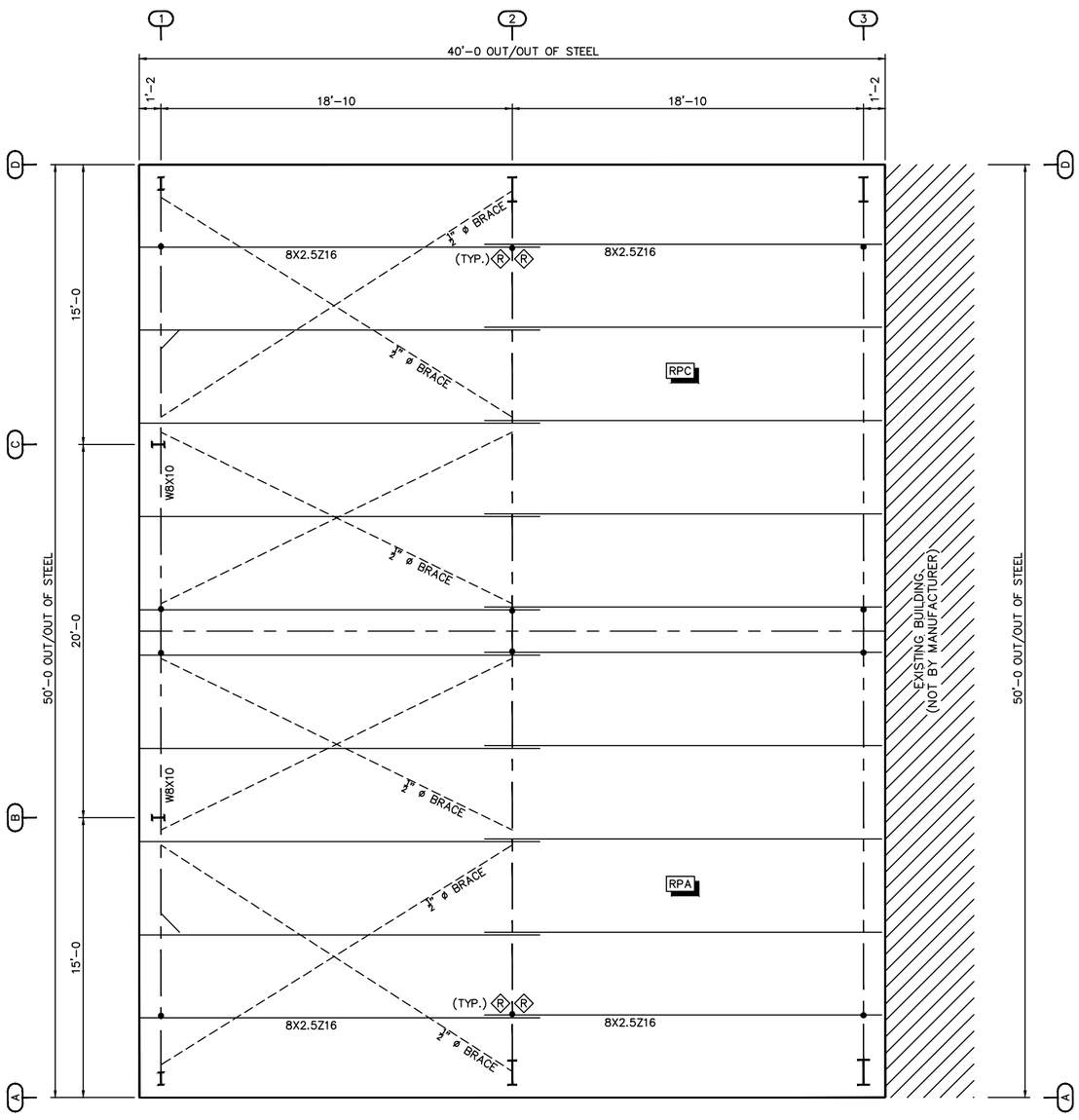
Drawing has been digitally signed.

GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

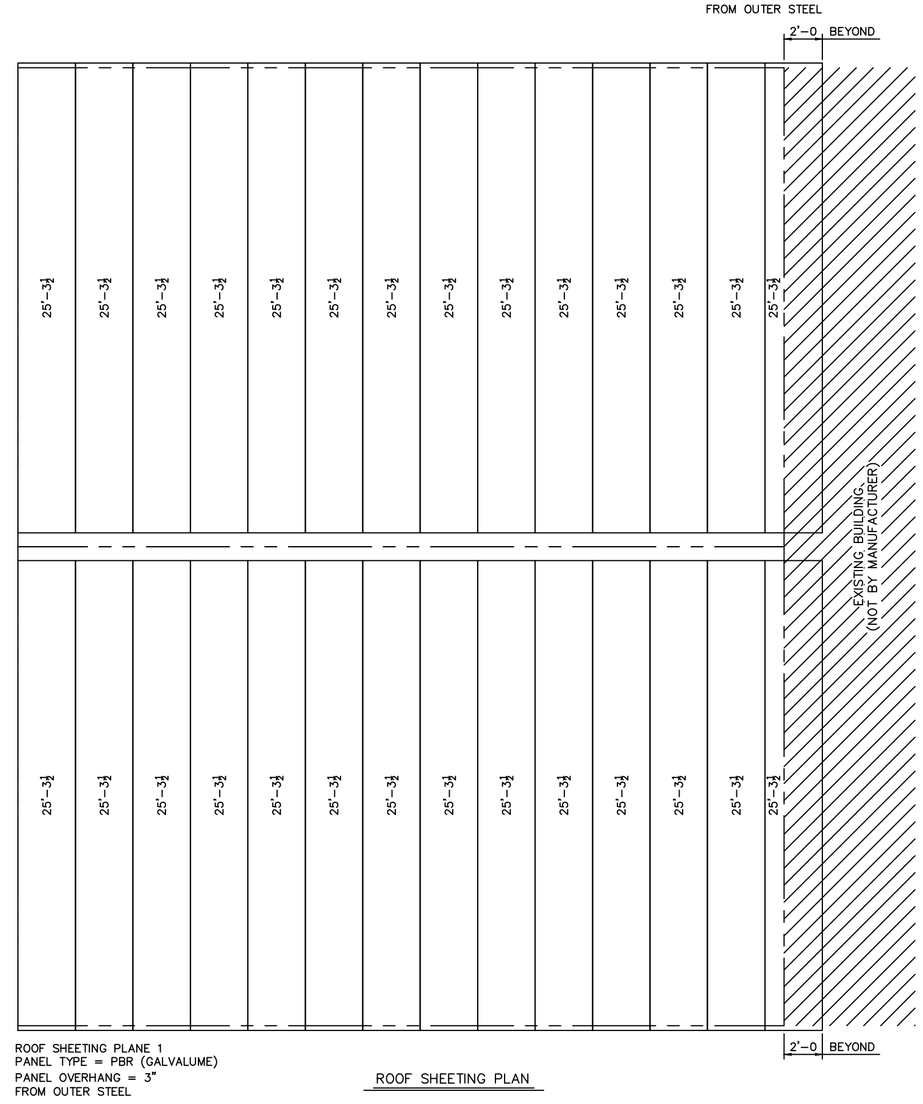
Jul 07, 2020

● – DENOTES: CLIP LOCATION
SC90 AT 8" PURLINS
SC92 AT 10" PURLINS
SC94 AT 12" PURLINS

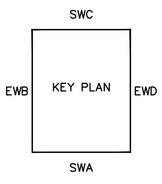
PBR ROOF PANELS ARE TO BE FIELD CUT IF THE PANELS EXTEND OUTSIDE OF THE ROOF PLANE, PANELS ARE NOT TO BE BACK LAPPED.



ROOF FRAMING PLAN



ROOF SHEETING PLAN



ZEE SECTION LAP TABLE			
SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
G	–0'–0¼"	T	2'–5¾"
S	0'–3¾"	V	3'–1¾"
R	1'–5¾"	REFER TO CF01122	

Non-Standard PBR Roof Panel Fasteners
#3A member fasteners are to be used for panel to secondary attachment in lieu of #3 shown on the R Drawings

DOWNSPOUT LAYOUT
[3 REQ'D SWA / 3 REQ'D SWC]

DOWNSPOUTS AT BUILDING B SIDEWALLS ARE TO BE PLACED AT A SPACING NOT TO EXCEED 40'–0 WITH A DOWNSPOUT WITHIN 20'–0 OF EACH END OF THE GUTTER RUN.

Revision	Date	Description	By	Ck'd

Ceco Building Systems
Columbus, MS. (662) 243-6400
Mount Pleasant, IA. (319) 385-8001
Rocky Mount, NC. (252) 977-2131
www.cecobuildings.com

Project Name & Location:
JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066–6301

Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066–6397
ATTN: CY HEDRICK

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17–B–66631–1
Sheet Number: E2 of 9

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Yuangang (Bill) Li, P.E.
Georgia P.E. 32641

Drawing has been digitally signed.

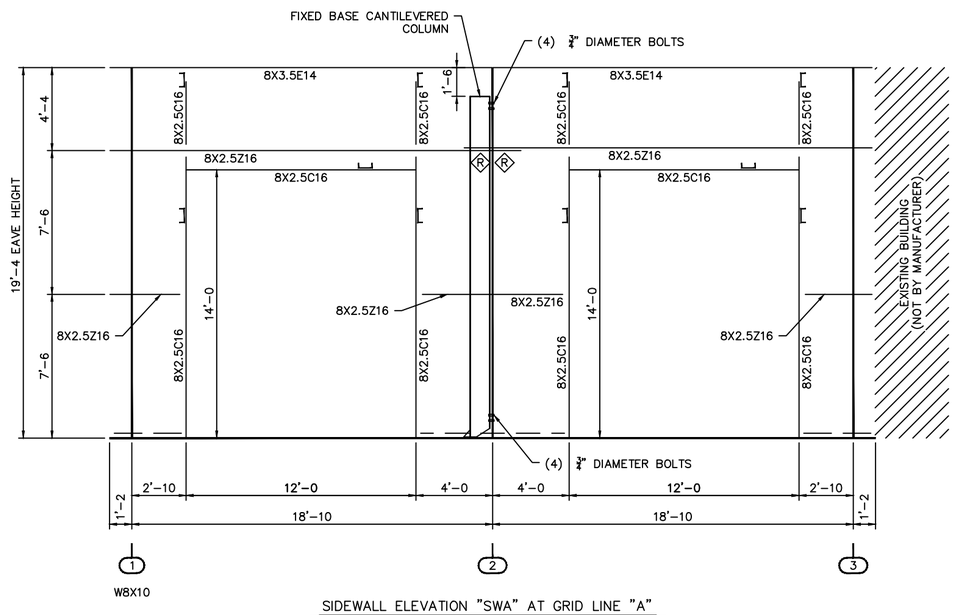
GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

Jul 07, 2020

SCHEDULE OF ACCESSORIES

NO. REQD	DESCRIPTION
2	12'–0 X 14'–0 FACTORY LOCATED FRAMED OPENINGS
2	3070 PRE–ASSEMBLED WALK DOORS

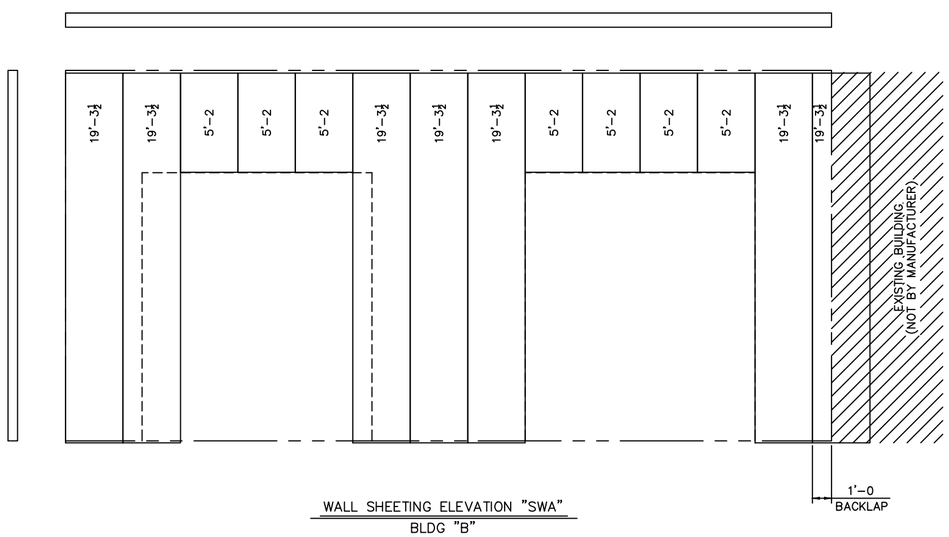
REFER TO DETAILS ON INSTALLATION OF WALK DOORS.
REFER TO DETAILS ON INSTALLATION OF FRAMED OPENINGS.
USE STANDARD WALL PROCEDURES TO ERECT THE SIDEWALL AND ENDWALL PANELS.



SIDEWALL ELEVATION "SWA" AT GRID LINE "A"

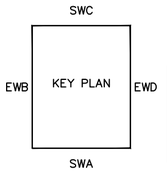
Non-Standard PBR Wall Panel Fasteners
#3A member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings
#4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings

PBR WALL PANELS
PANEL COVERAGE = 3'–0
COLOR = S200
PANEL PKG. REQ'D. = PBS–2
Field Cut Panel and Trim as required per Construction Details



WALL SHEETING ELEVATION "SWA"
BLDG "B"

ONE EXTRA WALL PANEL IS BEING SENT FOR TRANSITION TIE IN WITH EXISTING BUILDING (N.B.M.). BESIDES, TIE–IN TRIMS ARE BEING SENT IF REQUIRED ON SIDEWALLS TRANSITION.



ZEE SECTION LAP TABLE			
SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
G	–0'–0¼"	T	2'–5¾"
S	0'–3¾"	V	3'–1¾"
R	1'–5¾"	REFER TO CF01122	

Revision	Date	Description	By	Ck'd

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MARIETTA, GA 30066–6301

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1475 CANTON RD STE 100
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ATTN: CY HEDRICK

Drawing Status:
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☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale:	NOT TO SCALE
Drawn by:	EOL 7/1/20
Checked by:	MAC 7/2/20
Project Engineer:	AXQ
Job Number:	17–B–66631–1
Sheet Number:	E3 of 9

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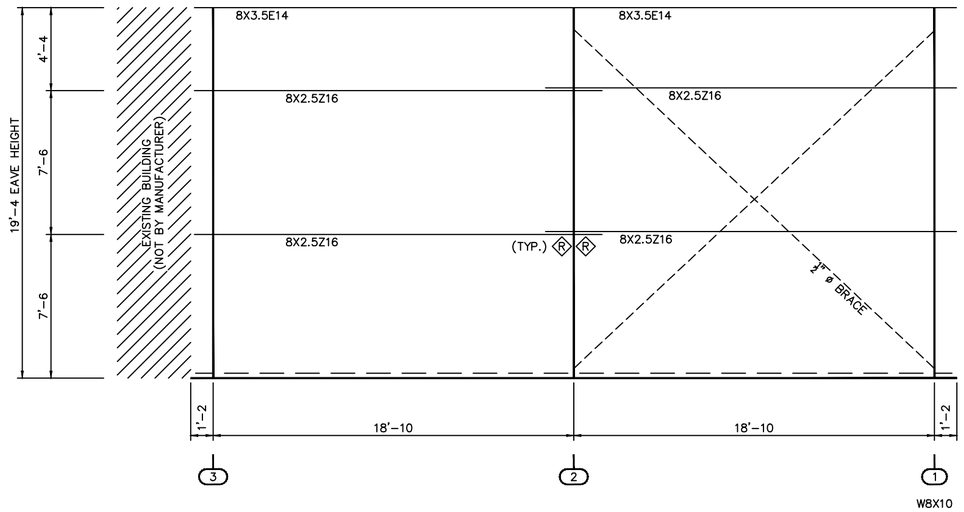
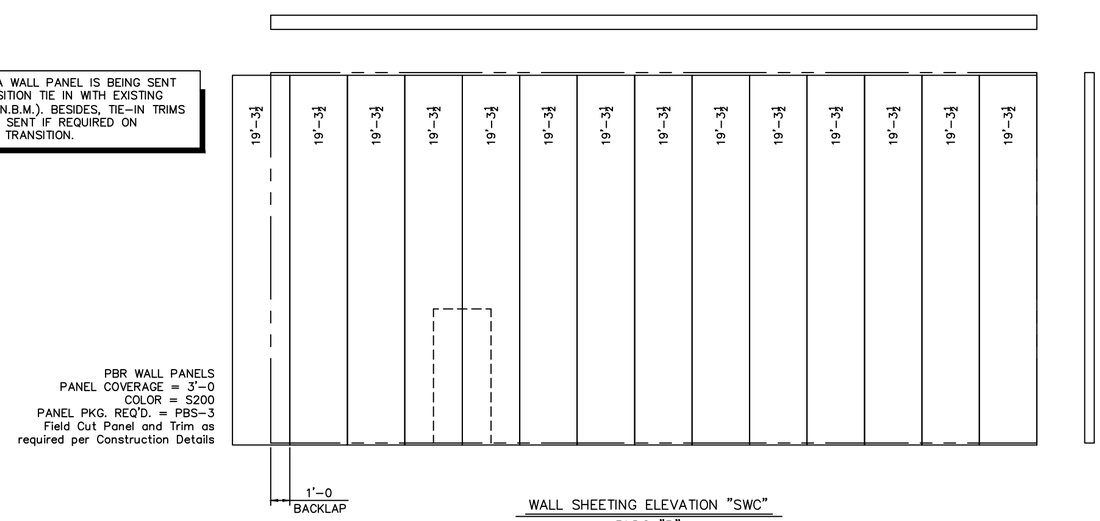
Jul 07, 2020



SIDEWALL ELEVATION "SWC" AT GRID LINE "D"

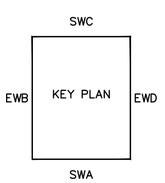
Non-Standard PBR Wall Panel Fasteners
#3A member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings
#4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings

ONE EXTRA WALL PANEL IS BEING SENT FOR TRANSITION TIE IN WITH EXISTING BUILDING (N.B.M.). BESIDES, TIE-IN TRIMS ARE BEING SENT IF REQUIRED ON SIDEWALLS TRANSITION.



PBR WALL PANELS
PANEL COVERAGE = 3'-0
COLOR = S200
PANEL PKG. REQ'D. = PBS-3
Field Cut Panel and Trim as required per Construction Details

WALL SHEETING ELEVATION "SWC"
BLDG "B"



ZEE SECTION LAP TABLE			
SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
G	-0'-0¼"	T	2'-5¾"
S	0'-3¾"	V	3'-1¾"
R	1'-5¾"	REFER TO CF01122	

Revision	Date	Description	By	Ck'd

Ceco Building Systems
Columbus, MS: (662) 243-6400
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Rocky Mount, NC: (252) 977-2131
www.cecobuildings.com

Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066-6397
ATTN: CY HEDRICK

Project Name & Location:
JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066-6301

Drawing Status:
☐ Preliminary Not For Construction
☐ For Approval Not For Construction
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17-B-66631-1
Sheet Number: E4 of 9

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only.The undersigned engineer is not the overall engineer of record for this project.

Yuangang (Bill) Li, P.E.
Georgia P.E. 32641

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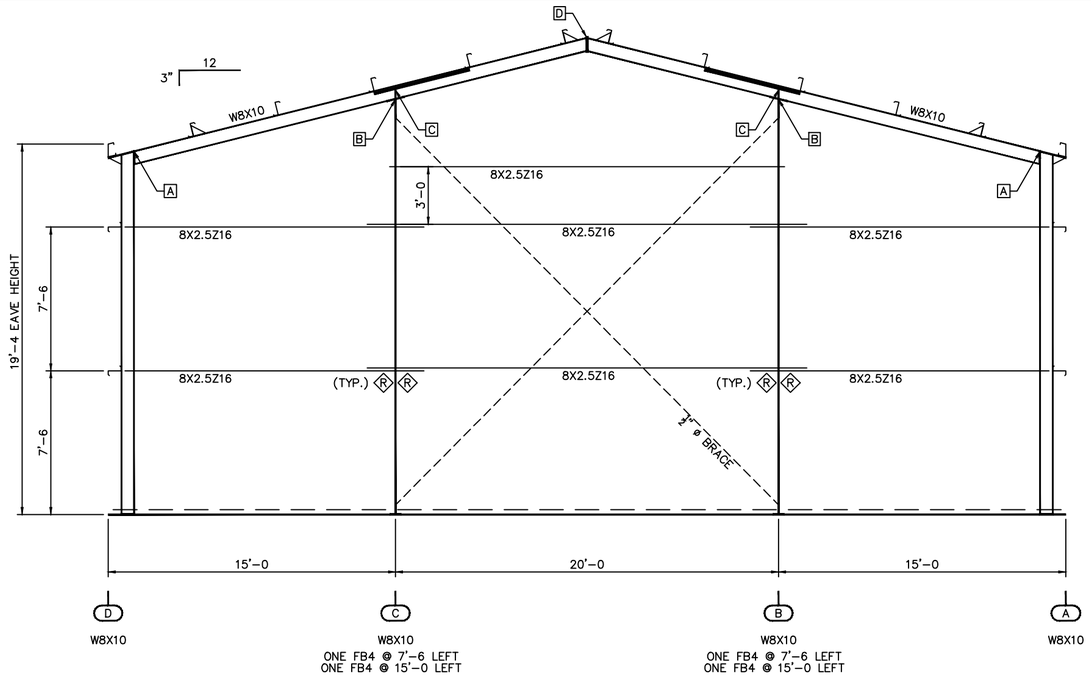
Bill Li

GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

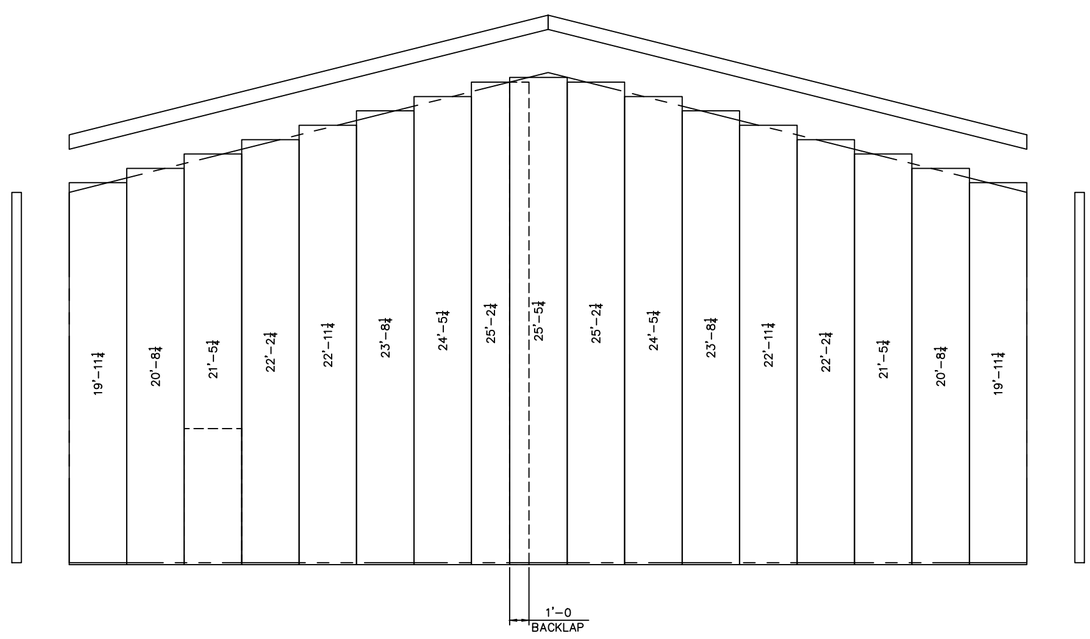
Jul 07, 2020

SPLICE BOLT TABLE				
CONN.	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS
A	(2) $\frac{1}{2}$ X $1\frac{3}{4}$	A325 B&N	0	0
B	(4) $\frac{1}{2}$ X $1\frac{3}{4}$	A325 B&N	4	0
C	(4) $\frac{3}{4}$ X $1\frac{3}{4}$	A325 B&N	0	0
D	(4) $\frac{1}{2}$ X $1\frac{3}{4}$	A325 B&N	0	0



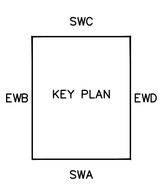
ENDWALL ELEVATION "EWB" AT GRID LINE "1"

Non-Standard PBR Wall Panel Fasteners
#3A member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings
#4 lap fasteners are to be used for panel to panel and panel to trim attachment in lieu of #4A shown on the R Drawings



WALL SHEETING ELEVATION "EWB"
BLDG "B"

PBR WALL PANELS
PANEL COVERAGE = 3'-0
COLOR = S200
PANEL PKG. REQ'D. = PBS-1
Field Cut Panel and Trim as required per Construction Details



ZEE SECTION LAP TABLE			
SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
G	-0'-0¼"	T	2'-5¾"
S	0'-3¾"	V	3'-1¾"
R	1'-5¾"	REFER TO CF01122	

Revision	Date	Description	By	Ck'd

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Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066-6397
ATTN: CY HEDRICK

Project Name & Location:
JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066-6301

Drawing Status:
☐ Preliminary Not For Construction
☐ For Approval Not For Construction
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17-B-66631-1
Sheet Number: E5 of 9

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Georgia P.E. 32641

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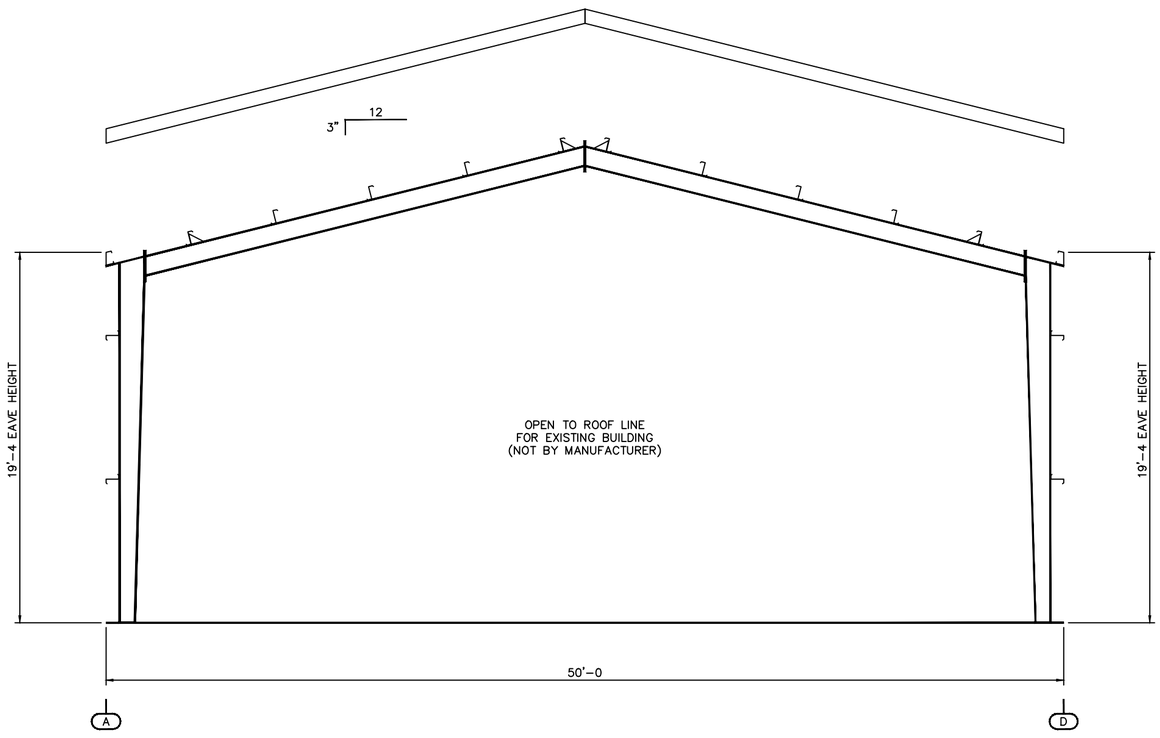
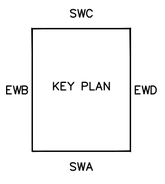
GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

Jul 07, 2020



ENDWALL ELEVATION "EWD" AT GRID LINE "3"



ZEE SECTION LAP TABLE			
SYMBOL	LAP LENGTH	SYMBOL	LAP LENGTH
G	-0'-0¼"	T	2'-5¾"
S	0'-3¾"	V	3'-1¾"
R	1'-5¼"	REFER TO CF01122	

Revision	Date	Description	By	Ck'd

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Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066-6397
ATTN: CY HEDRICK

Project Name & Location:
JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066-6301

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale:	NOT TO SCALE
Drawn by:	EOL 7/1/20
Checked by:	MAC 7/2/20
Project Engineer:	AXQ
Job Number:	17-B-66631-1
Sheet Number:	E6 of 9

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Bill

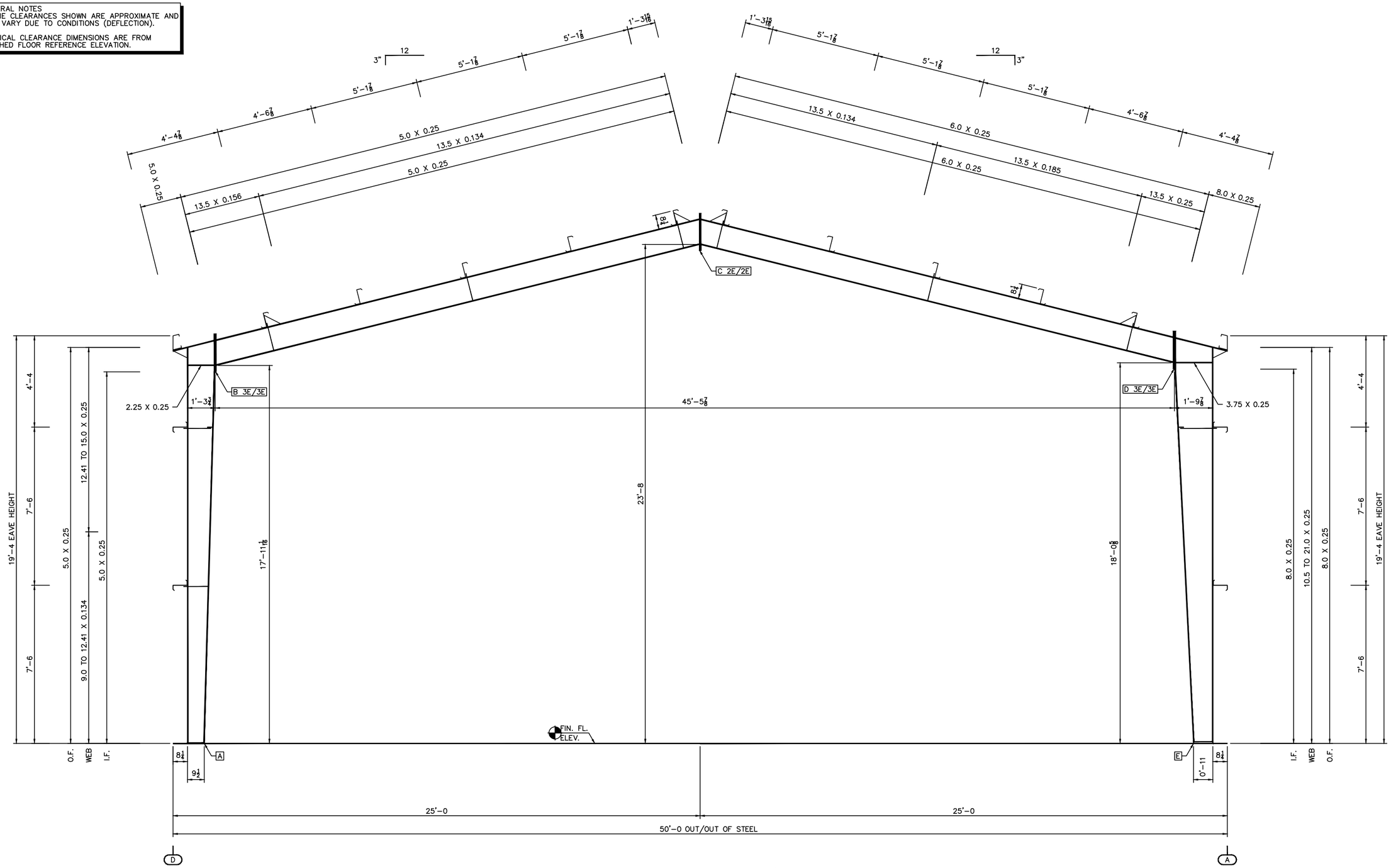
GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

Jul 07, 2020

OY/PROJECTS\XDS-V8-10-00 FRAME = Active/Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x01L 6/19/20 11:27:40
OY/PROJECTS\XDS-V8-10-00 FB SET = Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x01L

GENERAL NOTES
FRAME CLEARANCES SHOWN ARE APPROXIMATE AND MAY VARY DUE TO CONDITIONS (DEFLECTION).

VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.



CROSS SECTION AT FRAME LINE "2"

	PLATE SIZE TABLE		SPLICE BOLT TABLE			
CONN.	LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS
A	6 X 0.375 X 9 1/2					
B	6 X 0.5 X 1'-9 7/16	6 X 0.5 X 1'-8 15/16	(12) 3/4 X 2"	A325 B&N	0	0
C	6 X 0.375 X 1'-8 13/16	6 X 0.375 X 1'-8 13/16	(8) 3/4 X 1 3/4	A325 B&N	0	0
D	8 X 0.625 X 1'-9 1/2	6 X 0.625 X 1'-9	(12) 3/4 X 2 1/4	A325 B&N	0	0
E	8 X 1.0 X 0'-11					

Revision	Date	Description	By	Ck'd

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Project Name & Location:
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1601 CANTON RD
MARIETTA, GA 30066-6301

Drawing Status:
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☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17-B-66631-1
Sheet Number: E7 of 9

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Georgia P.E. 32641

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Jul 07, 2020

OY/PROJECTS\XDS-V8-10-00 FRAME = Active/Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x02L Active/Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x02R 6/19/20 10:44:18 6/19/20 10:44:18
OY/PROJECTS\XDS-V8-10-00 FB SET = Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x02L Eng/17-B-66631/ver01-axquesada/BLDG-B/Drftg/x02R

GENERAL NOTES
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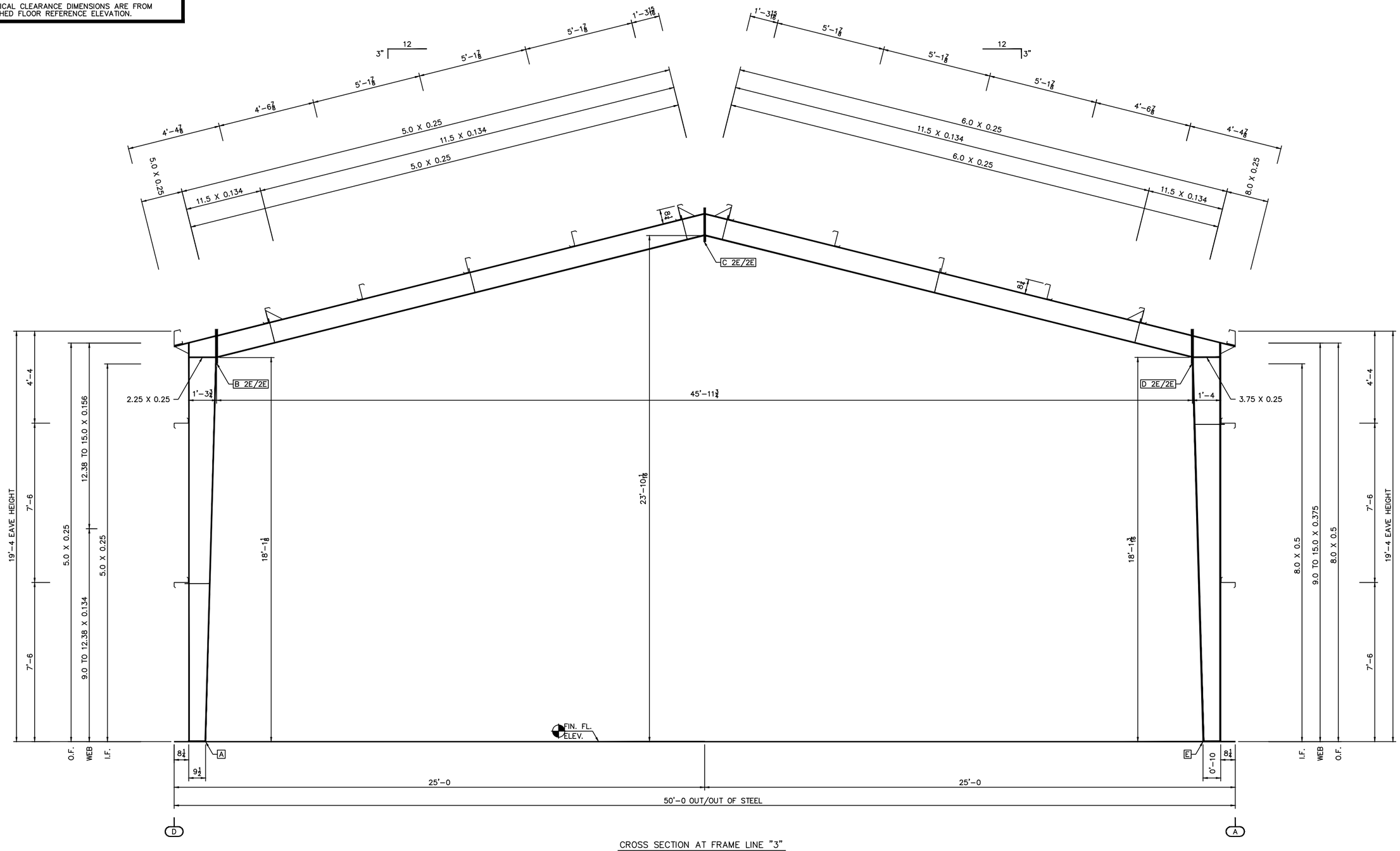
VERTICAL CLEARANCE DIMENSIONS ARE FROM FINISHED FLOOR REFERENCE ELEVATION.



CROSS SECTION AT FRAME LINE "3"

	PLATE SIZE TABLE		SPLICE BOLT TABLE			
CONN.	LOW SIDE	HIGH SIDE	QTY. SIZE	TYPE	HARDENED WASHERS	BEVELED WASHERS
A	6 X 0.375 X 9 1/2					
B	6 X 0.5 X 1'-7 3/8	6 X 0.5 X 1'-6 7/8	(8) 3/4 X 2"	A325 B&N	0	0
C	6 X 0.375 X 1'-6 3/4	6 X 0.375 X 1'-6 3/4	(8) 3/4 X 1 3/4	A325 B&N	0	0
D	8 X 0.5 X 1'-7 3/8	6 X 0.5 X 1'-6 7/8	(8) 3/4 X 2"	A325 B&N	0	0
E	8 X 0.375 X 0'-10					

Revision	Date	Description	By	Ck'd

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ATTN: CY HEDRICK

Drawing Status:
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☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17-B-66631-1
Sheet Number: E8 of 9

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Georgia P.E. 32641

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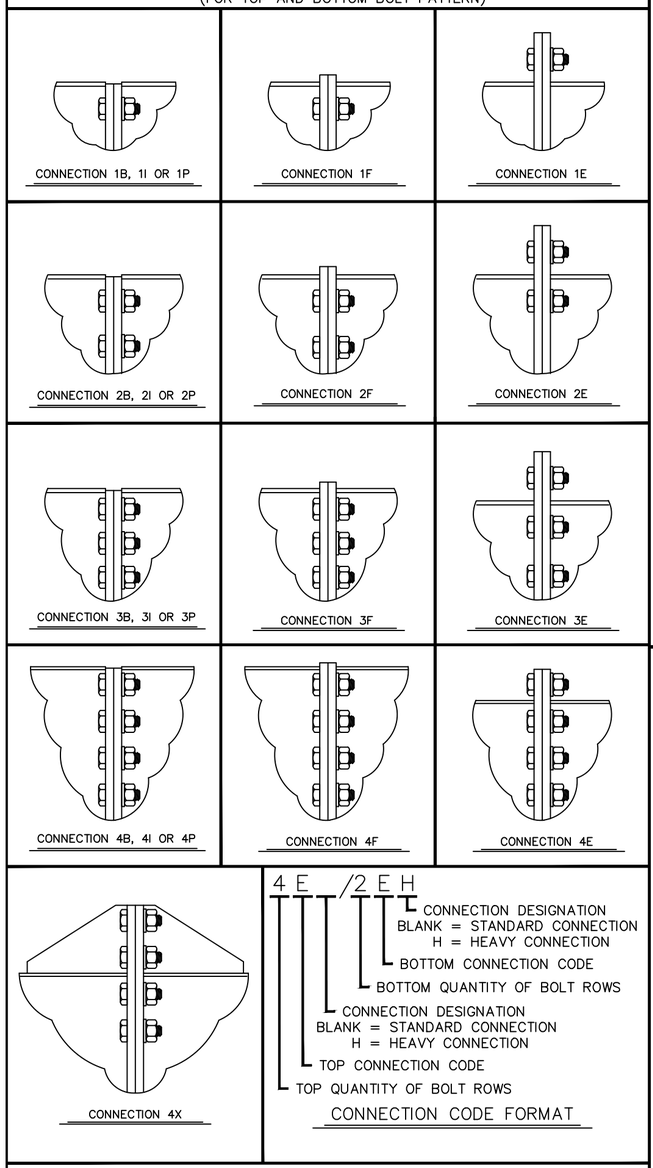
Bill Li

GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

Jul 07, 2020

CONNECTION CODES
(FOR TOP AND BOTTOM BOLT PATTERN)



4 E /2 E H
- CONNECTION DESIGNATION
- BLANK = STANDARD CONNECTION
- H = HEAVY CONNECTION
- BOTTOM CONNECTION CODE
- BOTTOM QUANTITY OF BOLT ROWS
- CONNECTION DESIGNATION
- BLANK = STANDARD CONNECTION
- H = HEAVY CONNECTION
- TOP CONNECTION CODE
- TOP QUANTITY OF BOLT ROWS

CONNECTION CODE FORMAT

CONNECTION CODE DESCRIPTION

B = THIS DESCRIPTION CODE IS USED TO DEFINE SHEAR CONNECTIONS. BOLTS ARE LOCATED INSIDE THE TOP FLANGE AND CONNECTION PLATE IS RECESSED 1/8" BELOW THE TOP FLANGE. CONNECTION PLATE LENGTH MUST BE A MINIMUM OF HALF THE RAFTER WEB DEPTH AND SHALL NOT EXCEED THE RAFTER TOTAL DEPTH.

E = THIS DESCRIPTION CODE IS USED TO DEFINE MOMENT CONNECTIONS. BOLTS ARE LOCATED WITH ONE SET OUTSIDE THE TOP OR BOTTOM FLANGE AND THE REMAINING SETS ARE LOCATED INSIDE THE TOP OR BOTTOM FLANGE.

F = THIS DESCRIPTION CODE IS USED TO DEFINE MOMENT CONNECTIONS. BOLTS ARE LOCATED INSIDE THE TOP OR BOTTOM FLANGE AND CONNECTION PLATE PROJECTS 1/2" BEYOND THE TOP OR BOTTOM FLANGE.

I = THIS DESCRIPTION CODE IS USED TO DEFINE MOMENT CONNECTIONS. BOLTS ARE LOCATED INSIDE THE TOP OR BOTTOM FLANGE AND CONNECTION PLATE IS RECESSED 1/8" BELOW THE TOP OR BOTTOM FLANGE.

P = THIS DESCRIPTION CODE IS USED TO DEFINE SHEAR CONNECTIONS. BOLTS ARE LOCATED INSIDE THE TOP FLANGE AND CONNECTION PLATE IS RECESSED 1/8" BELOW THE TOP FLANGE. CONNECTION PLATE LENGTH MUST BE A MINIMUM OF HALF THE RAFTER WEB DEPTH AND SHALL NOT EXCEED THE RAFTER TOTAL DEPTH.

4X = THIS DESCRIPTION CODE IS USED TO DEFINE MOMENT CONNECTIONS. BOLTS ARE LOCATED WITH TWO SETS EACH SIDE OF THE TOP OR BOTTOM FLANGE WITH A GUSSET PLATE OUTSIDE THE TOP AND BOTTOM FLANGE OR COLUMN CAP PLATE.

CONNECTION BOLT DATA

NAME	DESCRIPTION FOR A325 BOLT DIMENSIONS		A325 CONNECTION BOLT DIMENSIONS					
D	DIAMETER OF THE BOLT		1/2"	3/4"	7/8"	1"	1 1/4"	1 1/2"
HD	BOLT HOLE DIAMETER		9/16"	13/16"	15/16"	1 1/16"	1 5/16"	1 9/16"
G	BOLT GAUGE		2 1/2"	3"	4"	3 1/2"	4"	5 1/2"
	MAX. WEB THICKNESS (Max. 5/16" Fillet Weld) WITHOUT WASHER		1"	1 1/8"	1 7/8"	1 1/4"	1 3/8"	2 1/8"
	MAX. WEB THICKNESS (Max. 5/16" Fillet Weld) WITH WASHER		3/4"	7/8"	1 5/8"	7/8"	7/8"	1 7/8"
HG	HEAVY CONN. BOLT GAUGE		N/A	2 1/4"	2 5/8"	3"	3 3/4"	4"
S	NORMAL BOLT SPACING		2 1/2"	3"	3 1/4"	3 1/2"	4"	4 1/2"
BSMIN	MINIMUM SPACING BETWEEN TOP & BOTTOM SETS OF BOLTS		1 1/2"	2 1/4"	2 5/8"	3"	3 3/4"	4"
BSMAX	MAXIMUM BOLT SPACING BETWEEN TOP AND BOTTOM SETS OF BOLTS ON CONNECTION PLATES LESS THAN OR EQUAL TO 3/4" THICK		2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
			SPLICE BOLT SPACING (NOT TO EXCEED 2'-0)		1/2 BSMAX (±1/16") WHEN BSMAX = 2'-0 1/16" TO 4'-0 1/3 BSMAX (±1/16") WHEN BSMAX = 4'-0 1/16" TO 6'-0 1/4 BSMAX (±1/16") WHEN BSMAX = 6'-0 1/16 TO 8'-0			
BFCD	MINIMUM BOLT-TO-FLANGE CLEARANCE AT OUT OF NUT SEE BOLT AT FLANGE DETAIL		1 1/2"	1 3/4"	1 7/8"	2 1/4"	2 1/2"	2 3/4"
PF	MINIMUM BOLT-TO-FLANGE CLEARANCE AT CONNECTION PLATE SEE BOLT AT FLANGE DETAIL		(BFCD + RNWT) PF INSIDE OF FLANGE IS INCREASED BASED ON THE YT & YB VALUE. PF FOR CONNECTION B, F, I AND P ARE THE SAME AS USED ON CONNECTION E					
NWT	NUT AND WASHER THICKNESS		SEE BOLT AT FLANGE DETAIL. NUT THICKNESS IS EQUAL TO THE BOLT DIAMETER AND .15625" WASHER THICKNESS IS USED EVEN IF A WASHER IS NOT REQUIRED.					
RNWT	RISE ON NUT AND WASHER THICKNESS							
TT	THICKNESS TOP FLANGE		REFER TO FRAME CROSS SECTION DRAWING FOR LARGEST FLANGE THICKNESS EITHER SIDE OF THE CONNECTION.					
TB	THICKNESS BOTTOM FLANGE							
YT	BOLT SPACING TOP (ROUND UP TO NEXT 1/2", MIN = S)		3" + TT	3 1/2" + TT	3 3/4" + TT	4 1/2" + TT	5" + TT	5 1/2" + TT
YB	BOLT SPACING BOTTOM (ROUND UP TO NEXT 1/2", MIN = S)		or TB Sloped	or TB Sloped	or TB Sloped	or TB Sloped	or TB Sloped	or TB Sloped
EED(E)	MINIMUM END EDGE DIMENSION		1 1/4"	1 1/4"	1 1/2"	1 3/4"	2 1/4"	2 5/8"
EED(S)	MINIMUM SIDE EDGE DIMENSION		3/4"	1"	1 1/8"	1 1/4"	1 5/8"	2 1/4"
EEDK	END EDGE DIMENSION AT KNEE CONNECTION		1 3/8"	1 3/8"	1 5/8"	1 7/8"	2 3/8"	2 3/4"
BCWM	MINIMUM BOLT CLEARANCE FROM A FLANGE OR WEB WELD	WITHOUT WASHER	7/16"	5/8"	3/4"	13/16"	1"	1 3/8"
		WITH HARDENED WASHER	9/16"	3/4"	7/8"	1"	1 1/4"	1 1/2"
WCSM	MINIMUM WIDTH OF CONNECTION PLATE (Standard Connection)		5"	6"	8"	8"	10"	12"
WCHM	MINIMUM WIDTH OF CONNECTION PLATE (Heavy Connection)		N/A	10"	12"	12"	16"	18"
TCMIN	MINIMUM THICKNESS OF CONNECTION PLATE		1/4"	3/8"	7/16"	1/2"	5/8"	1"

Frame Documentation
A325 Connection Bolt Details

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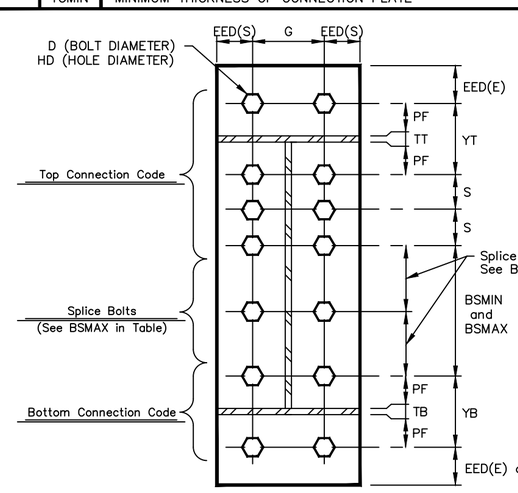
Date Jun '18 Rev. 04

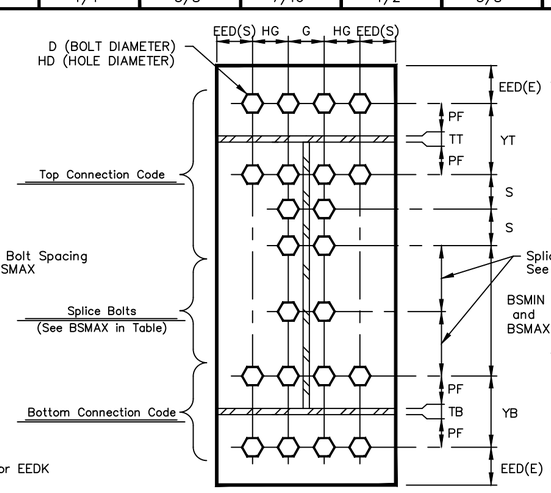
B 4E/2EH
- Connection Code (See "Connection Code Format" on this drawing)
- Connection Location

CROSS SECTION CONNECTION CODE KEY
(AS SHOWN AT CONNECTIONS ON FRAME CROSS SECTION DRAWINGS)

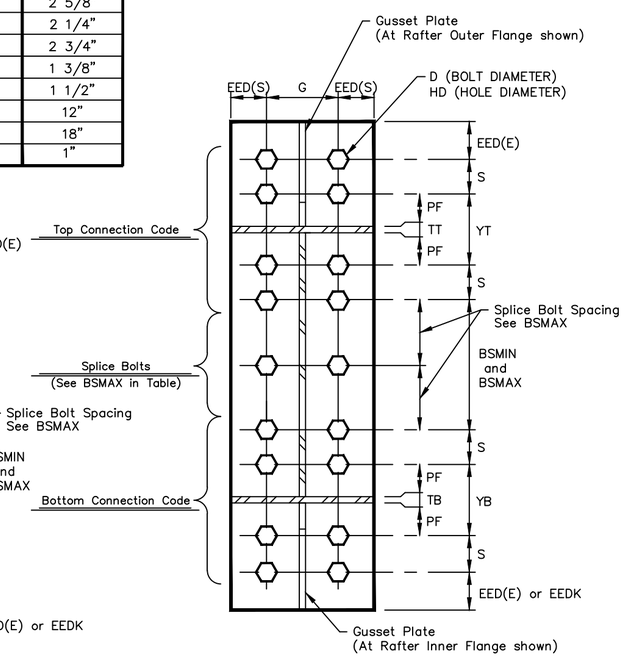
Flange Brace Material Schedule	
Part Mark	Material
FB4_	L 2" x 2" x 14 Ga.
FB5_	L 2" x 2" x 14 Ga.
FB6_	L 2" x 2" x 1/8"
FB7_	L 2 1/2" x 2 1/2" x 3/16"



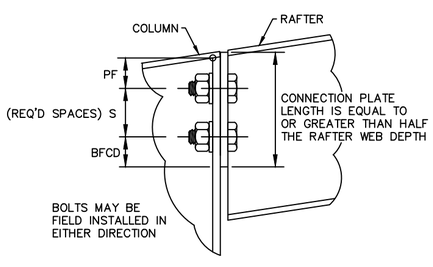
STANDARD CONNECTION DESIGNATION
(CODE 4E/2E SHOWN)



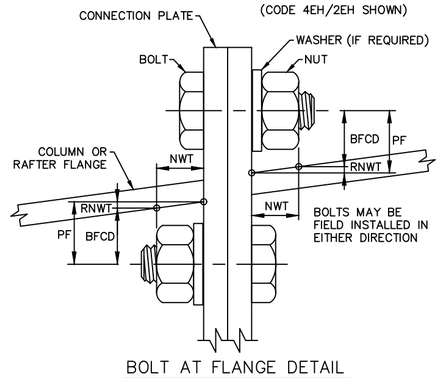
HEAVY CONNECTION DESIGNATION
(CODE 4EH/2EH SHOWN)



4X CONNECTION DESIGNATION
(CODE 4X/4X SHOWN)



CONNECTION B & P
(Low Side Shown, High Side Similar)



BOLT AT FLANGE DETAIL
(Top Flange Shown, Bottom Flange Similar)

Revision	Date	Description	By	Ck'd

Ceco Building Systems
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JACKS TIRE
1601 CANTON RD
MARIETTA, GA 30066-6301

Customer:
WHITE HAWK, INC
1475 CANTON RD STE 100
MARIETTA, GA 30066-6397
ATTN: CY HEDRICK

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☒ For Construction Permit
☐ For Erector Installation

Scale: NOT TO SCALE
Drawn by: EOL 7/1/20
Checked by: MAC 7/2/20
Project Engineer: AXQ
Job Number: 17-B-66631-1
Sheet Number: E9 of 9

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

Yuangang (Bill) Li, P.E.
Georgia P.E. 32641

Drawing has been digitally signed.

GEORGIA REGISTERED No. 32641 PROFESSIONAL ENGINEER YUANGANG (BILL) LI

Jul 07, 2020