ERECTION NOTES

1. All bracing shown and provided by the Metal Building Provider (MBP) for this building is required and shall be installed by the erector as a permanent part of the structure ("Code of Standard Practice for Steel Buildings" in the ANSI/AISC 303–16; Section 7.10).
2. Temporary supports, such as guys, braces, falsework, cribbing or other elements required for the erection operation shall be determined and furnished by the erector ("Code of Standard Practice for Steel Buildings and Bridges " in the ANSI/AISC 303–16; Section 7.10.3).
3. Normal erection operations include the correction of minor misfits by moderate amounts of reaming, grinding, welding or cutting, and the drawing of elements into line through use of drift pins. Errors which require major changes in the member configuration are to be reported immediately to the Metal Building Provider by the customer to enable whoever is responsible either to correct the error or to approve the most efficient and economic method of correction to be used by others ("Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303–16; Section 7.14).
4. Erection tolerances are set forth in the "Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303–16; Section 7.13 note that individual members are considered plump, level and aligned if the deviation does not exceed 1:500. Variations in finished overall dimensions of structure steel framing are deemed within the limits of good practice when they do not exceed the cumulative effect of rolling, fabricating, and erection tolerances.
   - 4.1. When crane support systems are part of the metal building system erection tolerances Section 6.8, Erection Tolerances, 2018 MBMA Metal Building Systems manual shall apply. To achieve the required tolerances grouting of the columns and shimming of the runway beams may be required. The customer shall provide grout if required. The contractor erecting the runway beams is responsible for shimming, plumbing, and leveling of the runway system. When aligning the runway beams the alignment shall be with respect to the beam webs so that the center of the aligned rail is over the runway web.
5. As a general rule field welding is not used to assemble a metal building system. In cases where the drawings indicate field welding and in cases where approved corrections are to be made by field welding the following requirements shall be met;
   - 5.1. welders must be qualified by an independent testing agency, with suitable documentation to AWS D1.1 Structural Welding Code – Steel or AWS D1.3 Structural Welding Code – Sheet as applicable, for the processes, positions, and materials involved.
   - 5.2. All welds must be made in conformance to a documented and approved Welding Procedure Specification (WPS). All joints which are not prequalified must be supported by a certified Procedure Qualification Record (PQR) by an independent testing agency.
6. All documentation and records shall be the responsibility of the customer.
7. Any claims or shortages by buyer must be made to the Metal Building Provider within seven (7) working days after delivery, or such claims will be considered to have been waived by the customer and disallowed. All claims should be directed to the Metal Building Provider's Customer Service Department.
8. Claims for correction of alleged misfits will be disallowed unless the Metal Building Provider shall have received prior notice thereof and allowed reasonable inspection of such misfits. Ordinary inaccuracies of shop work shall not be construed as misfits. No part of the building may be returned or charges assessed for alleged misfits without prior approval from the Metal Building Provider.
9. Neither the Metal Building Provider nor the customer will cut, drill or otherwise after their work, or the work of other trades to accommodate other trades unless such work is clearly specified in the contract documents. Whenever such work is specified the customer is responsible for furnishing complete information as to materials, size, location, and number of alterations prior to preparation of shop drawings ("Code of Standard Practice for Steel Buildings and Bridges "in the ANSI/AISC 303–16, Section 7.15).
10. The Metal Building Provider Field Modifications Policy:
    - 10.1. The Metal Building Provider will only be responsible for the field–modified parts designed and approved by the Metal Building Provider's Customer Service Department.
    - 10.2. Any field modifications designed by third parties may not be approved by the Metal Building Provider and may limit the Metal Building Provider's warranty and liability.
    - 10.3. The Metal Building Provider makes no warranty and hereby disclaims any responsibility with respect to the design, engineering, or construction of any field–modified parts performed by third parties.
11. WARNING – SOME PANELS AND TRIM PARTS ARE FURNISHED WITH A PROTECTIVE PEEL–OFF FILM. PARTS PROVIDED WITH THIS FILM CANNOT BE EXPOSED TO SUNLIGHT WITHOUT FIRST REMOVING THE FILM. THIS FILM MUST BE REMOVED PRIOR TO INSTALLATION. FILM MUST ALSO BE REMOVED FROM ALL NON EXPOSED PARTS WITHIN SIX MONTHS FROM FILM APPLICATION OR IRREPARABLE DAMAGE WILL OCCUR TO THE SURFACE CLAIMS WILL NOT BE ACCEPTED FOR THIS ISSUE.

RESPONSIBILITIES

1. The Metal Building Provider Customer, hereafter referred to as the "customer, " obtains and pays for all building permits, licenses, public assessments, paving or utility pro rata, utility connections, occupancy fees and other fees required by any governmental authority or utility in connection with the work provided for in the Contract Documents. The customer provides at his expense all plans and specifications required to obtain a building permit. it is the customer's responsibility to ensure that all plans and specifications comply with the applicable requirements of any governing building authorities.
2. The customer is responsible for identifying all applicable building codes, zoning codes, or other regulations applicable to the Construction Project, including the Metal Building system.
3. It is the responsibility of the customer to interpret all aspects of the End User's specifications and incorporate the appropriate specifications, design criteria, and design loads into the Order Documents submitted to the Metal Building Provider.
4. It is the responsibility of the Metal Building Provider to furnish the metal building system to meet the specifications including the design criteria and design loads incorporated by the Contractor into the Order Documents. The Metal Building Provider is not responsible for making an independent determination of any local codes or any other requirements not part of the Order Document.
5. The Metal Building Provider's standard specifications apply unless stipulated otherwise in the Contract Documents. The Metal Building Provider design, fabrication, quality criteria, standards, practice, methods and tolerances shall govern the work any other interpretations to the contrary not with standing. it is understood by both parties that the customer is responsible for clarifications of inclusions or exclusions from the Architectural plans.
6. In case of discrepancies between the Metal Building Provider's structural steel plans and plans for other trades, the Metal Building Provider's shall govern ("Code of Standard Practice for Steel Buildings and Bridges" in the AISC 303–16; Section 3.3).
7. The customer is responsible for overall project coordination. All interface, compatibility and design considerations concerning any materials not furnished by the Metal Building Provider and the Metal Building Provider's steel system are to be considered and coordinated by the customer. Specific design criteria concerning this interface between materials must be furnished by the customer before release for fabrication or the Metal Building Provider's assumptions will govern.
8. Foundations, anchor rods, and anchor rod embedment are designed, furnished, and set by the customer in accordance with an approved drawing. Dimensional accuracy shall satisfy the requirements of Section 7.5 1 of "Code of Standard Practice for Steel Buildings and Bridges" in the AISC 303–16.
9. All other embedded items or connection materials between the structural steel and the work of other trades are located and set by the customer in accordance with approved location on erection drawings. Accuracy of these items must satisfy the erection tolerance requirements.
10. The Metal Building Provider does not investigate the influence of the metal building system on existing buildings or structures. The End Customer assures that such buildings and structures are adequate to resist snow drifts, wind loads, or other conditions as a result of the presence of the metal building system.

GENERAL SPECIFICATIONS

1. Wall and liner panels are an integral part of the structural system. Unauthorized removal of panels or cutting panels for framed openings not shown is prohibited.
2. Oil–canning, a perceived waviness inherent to light gauge metal, may exist. This condition does not affect the structural integrity or the finish of the panel, and therefor is not a cause for rejection.
3. The Metal Building Provider's red–oxide and gray–oxide primer are designed for short term field protection from exposure to ordinary atmospheric conditions.
4. All bolts are 1/2" x 1–1/4" A307 unless noted. Refer to the erection drawings for specific framing connections and the cross–section(s) for main frame connections.
5. Unless noted otherwise on the frame cross section(s), all bolted joints with ASTM F3125 Grade A325 bolts are specified as snug–tightened joints in accordance with the specification for Structural Joints Using High–Strength Bolts, June 11, 2020. Installation Inspection requirements for Snug–Tight Bolts (Specification for Structural joints, Section 9.1) is suggested.
6. Unless noted otherwise, all bolted connections are designed as bearing type connections with bolt threads not excluded from the shear plane.
7. Any type of suspended or load inducing system(s) is prohibited if zero collateral and zero sprinkler loads are designated on the contract. This would include lights, duct work, piping, and insulation types other than 3" standard duty fiberglass blanket insulation, etc.

–The Engineer whose seal and signature appear on these documents represents the metal building manufacturer and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material furnished by the metal building manufacturer and excludes foundation design, erection of the building, and any accessories not furnished 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 and/or relocation of framed openings, walk doors, or open areas not shown may void the design certifications supplied by the metal building manufacturer.

–The framing at line 12 is designed to receive a future addition with a maximum bay spacing of 30'–0" as measured between centerline of the existing endwall frame to the centerline of the future frame.

–The rigid frames at lines 5.5, 1, B1, and B4 are designed as non–expandable rigid frames.
Corresponding frame reactions are calculated based upon actual tributary area.

–The Building B vertical deflection limit for purlins and rafters has been limited to L/240 but not greater than 2.5" combined total gravity plus uplift due to the attachment of a stud track by others. The stud track by others should allow for 1.4" of downward deflection and 1.1" of upward deflection.

–Per AISI S–100–16 Appendix A Section I6.3.1a, the wind uplift loading in edge and corner zones is permitted to be multiplied by a factor of 0.67 for the standing seam roof panel used on this building. This reduction factor is not expressed in the ultimate wind uplift values tabulated on this page.

–The support member provided by the metal building manufacturer on Building B in the curtain wall areas has been designed to support the wall system not by metal building manufacturer. The support member has been designed to deflect horizontally less than L/240 under wind or seismic loading and deflect vertically less than L/600 under gravity loading. The wall system shall be attached to the support members at a maximum spacing of 4'–0" on center. The maximum weight of wall material considered is 15 psf. A pipe column by others that also provides support to the materials by others must be installed at 1'–6" from the steel line at each frame line.

BUILDING DESIGN CODES

Building Code:	IBC 21
Steel Specification:	AISC 360–16
Cold–Formed Specification:	AISI S100–16

GENERAL LOADS

Roof Dead Load:	3.00 psf (A), 2.65 psf (B), 2.50 psf (C)
Roof Collateral Load:	5.00 psf (A), 6.00 psf (B), 3.00 psf (C)
Roof Live Load:	20.00 psf
Tributary Live Load Reduction:	Yes
Rainfall Intensity (5–minute duration 5–year recurrence):	10.00 in/hr

WIND LOAD

Wind Speed (3–sec gust) Vult:	127 mph
Vasd:	98 mph
V service:	77 mph
Wind Exposure Category:	C
Wind Condition:	Enclosed (A & B), Partially Enclosed (C)
Internal Pressure Coefficient:	0.18,–0.18 (A & B), 0.55,–0.55 (C)

SNOW LOAD

Ground Snow Load (Pg):	0.00 psf
Roof Snow Load (Pf):	0.00 psf
Snow Exposure Factor (Ce):	1.00
Snow Load Importance Factor (Is):	1.00
Thermal Factor (Ct):	1.00

DEFLECTION CRITERIA

	(A)	(B)	(C)
Endwall Columns:	H/120	H/240	H/120
Endwall Rafters (Live):	L/180	L/240	L/180
Endwall Rafters (Wind):	L/180	L/240	L/180
Wall Girts:	L/90	L/240	L/90
Roof Purlins (Live):	L/150	L/240	L/150
Roof Purlins (Wind):	L/180	L/240	L/180
Wall Panels:	L/60	L/60	L/60
Roof Panels (Live):	L/60	L/60	L/60
Roof Panels (Wind):	L/60	L/60	L/60
Rigid Frames (Horz):	H/60	H/100	H/130
Rigid Frames (Live):	L/180	L/240	L/180
Rigid Frames (Wind):	L/180	L/240	L/180
Rigid Frames (Seismic):	L/50	L/100	L/130
Rigid Frames (Crane):	L/100	L/100	L/100

	(A)	(B)	(C)
Wind Framing (Wind):	L/60	L/100	L/130
Wind Framing (Seismic):	L/50	L/100	L/130
Roof Purlins (Total):	L/120	L/180	L/120
Endwall Rafters (Total):	L/120	L/180	L/120
Rigid Frames (Total):	L/120	L/180	L/120

TRIM COLOR:

GUTTER:	Need Color	GAUGE:	26
RAKE:	Need Color	GAUGE:	26
CORNER:	Need Color	GAUGE:	26
ACCESSORY:	Need Color	GAUGE:	26
DOWNSPOUT:	Need Color	GAUGE:	26
BASE:	Need Color	GAUGE:	26

SEISMIC LOAD

Risk Category:	II – Normal
Seismic Importance Factor (Ie):	1.00
Spectral Response Acceleration (Ss):	0.0884
Spectral Response Acceleration (S1):	0.0565
Site Class:	d
Spectral Response Coefficients (Sds):	0.0943
Spectral Response Coefficients (Sd1):	0.0904
Seismic Design Category:	B
Basic Seismic Force Resisting Systems*:	

Framing Direction:	Longitudinal	Lateral
Structural Syst:	H	H
Design Base Shear (A):	5.93 Kips	13.54 Kips
Design Base Shear (B):	7.24 Kips	7.09 Kips
Design Base Shear (C):	0.89 Kips	0.94 Kips
Sesimic Response Coefficient(s) (Cs):	0.0314	0.0314
Response Modification Factor(s) (R):	3.0	3.0
Deflection Amplification Factor(s):	3.0	3.0

Analysis Procedure: Equivalent Lateral Force
H: Steel Systems Not Specially Detailed for Seismic Resistance
Others loads: (2) 10 Tons TRSG Cranes & (1) 20 Ton TRDG Crane
* Ordinary Steel Concentrically Braced Frame(s) and/or Ordinary Steel Moment Frame(s)

ROOF PANEL (A & B)
Profile: Super Seam–Plus Gauge: 24 Color: Cool White
UL580 Class 90: Yes
Clip Type if Standing Seam: High Floating

ROOF PANEL (C)
Profile: Super Span X Gauge: 26 Color: Galvalume Plus
UL580 Class 90: Yes

WALL PANEL (A & C)
Profile: Super Span X Gauge: 26 Color: NEED COLOR

WALL PANEL (B)
Profile: Berridge Deep Deck Gauge: 24 Color: NEED COLOR

LINER PANEL (A, B & C)
Super Span X Gauge: 26 Color: NEED COLOR

SOFFIT PANEL (B)
Profile: FLAT 12–R Gauge: 24 Color: NEED COLOR

PRIMARY FRAMING
Built–Up & Hot–Rolled: Gray Oxide Primer

SECONDARY FRAMING
Purlins, Eave Struts: Pre–Galvanized
Girts, Light Gage Columns: Pre–Galvanized
Light Gage Jambs & Headers: Pre–Galvanized

Hot–Dip Galvanizing conforms to the ASTM A123 specification.
Pre–Galvanized members conform to the ASTM A653, Grade 50, Coating G–90 specification.

APPROVAL SPECIFICATIONS

1. Approval of the Metal Building Provider drawings and/or calculations indicate that the Metal Building Provider has correctly interpreted the contact requirements. This approval constitutes the customer acceptance of the Metal Building Provider design, concepts, assumptions, and loadings.
2. Failure to respond to clouded areas and areas to verify may result in additional costs and/or schedule delays for which the Metal Building Provider will not be responsible.
3. Any changes made after the Metal Building Provider's customer has signed and returned the Metal Building Provider drawings and/or calculations and the project is released for fabrication shall be billed to the Metal Building Provider customer including material, engineering, and other costs. An additional fee may be charged if the project must be moved in the fabrication and/or the shipping schedule.
4. It is the responsibility of the customer to field verify all existing conditions prior to fabrication.
5. It is imperative that any changes to these drawings:
   - 5.1. Be made in contrasting ink.
   - 5.2. Be legible and unambiguous.
   - 5.3. Have all instances of changes clearly indicated.
6. A dated signature, in the designated areas, is required on all pages. The signature must be from the person authorized on the contract or a person authorized, in writing, by the Metal Building Provider customer.
7. The Metal Building Provider reserves the right to resubmit drawings with extensive or complex changes required to avoid misfabrication. This may impact the delivery schedule.
8. Any changes noted on the drawings not in conformance with the terms and requirements of the contract between the Metal Building Provider and its customer are not binding on the Metal Building Provider unless subsequently acknowledged and agreed to in writing by change order or separate documentation.
9. Waiving the approval process by designating the order "For Production" supercedes notes 1,2,5,6, and 8 in this section, and constitutes the customer acceptance of the Metal Building Provider's design, concepts, assumptions, and loadings.

DRAWING SCHEDULE

DWG NO.	ISSUE	DATE	DESCRIPTION
C1	A1	08.15.25	COVER SHEET
F1	A1	08.15.25	ANCHOR BOLT PLAN
F2	A1	08.15.25	ANCHOR BOLT DETAILS
F3–F5	A1	08.15.25	ANCHOR BOLT REACTIONS
P1–P8	A1	08.15.25	RIGID FRAME ELEVATION
W1–W3	A1	08.15.25	PORTAL FRAME ELEVATION
E1–E2	A1	08.15.25	ROOF FRAMING PLAN
E3	A1	08.15.25	ROOF SHEETING PLAN
E4–E18	A1	08.15.25	FRAME & SHEETING ELEVATION
E19	A1	08.15.25	LINER SHEETING PLAN
E20	A1	08.15.25	CRANE PLAN & SECTIONS
E21–E22	A1	08.15.25	BUILDING SECTIONS
D1–D6	A1	08.15.25	STANDARD DETAILS PAGE

Drawings listed under Drawing Schedule are submitted for Approval. These drawings represent the Metal Building Provider (MBP) interpretation of our scope of work. You are reviewing these drawings to confirm that the MBP has correctly interpreted the project requirements. All dimensions, sections, details and notes require your review. All "clouded areas" must be reviewed and addressed/answered before your project is placed within the schedule. Please complete all field verifications prior to returning your approval drawings. The MBP is not responsible for checking the material and/or design compatibility of components not supplied by the MBP. MBP drawings may not match architectural/structural drawings and specifications.

Please sign and return marked either:
"Approved as Submitted" (no changes or corrections and project is released for fabrication)

"Approved as Noted" (with corrections and/or changes clearly noted and project is released for fabrication)

"Revise and Resubmit" (with corrections and/or changes clearly noted and revised drawings will be resubmitted for approval)

☐ Approved As Submitted ☐ Approved As Noted ☐ Revised & Resubmit	Approval Signature:	Date:
	Print Name:	
	Desired Delivery Date:	

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

DRAWING STATUS
☒ FOR APPROVAL: These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.
☐ FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

WHIRLWIND STEEL BUILDINGS
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HOUSTON, TX 77234 FAX: 832–553–4600
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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: COVER PAGE | BLDG SIZE: VARIES
CUSTOMER: Waukesha–Pearce Industries, LL | CUSTOMER LOCATION: 12320 S. Main Street
PROJECT REFERENCE: WPI Baton Rouge
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817 | JOBSITE COUNTY: East Baton Rouge

DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
NG	AM	8/ 7/25	DMH	14554–37882	C1	A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

Marshall Henson
Marshall Henson
2025.08.15
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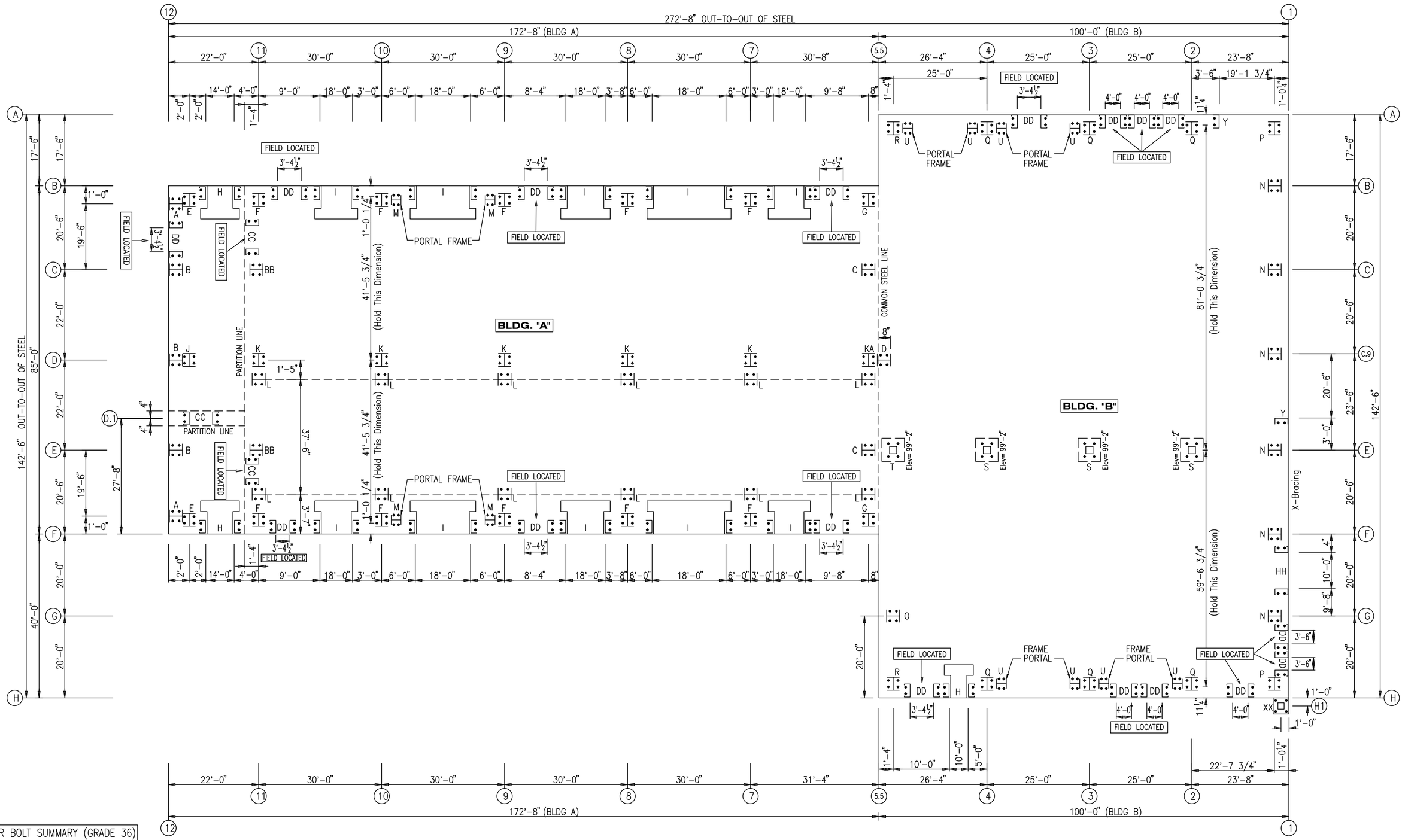


ANCHOR BOLT PLAN

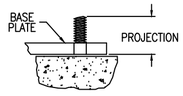
NOTE: All Base Plates @ 100'-0" (U.N.)

SEE "F2" DWG FOR BUILDING "C" PLAN, ANCHOR BOLT DETAILS & SECTIONS

ANCHOR BOLT SUMMARY (GRADE 36)

Qty	Locate	Dia (in)	Type	Proj (in)
● 100	Jamb	5/8"	F1554	2.50
● 20	Endwall	5/8"	F1554	2.50
● 12	Partition	5/8"	F1554	2.50
⊕ 44	Endwall	3/4"	F1554	3.00
⊕ 8	Partition	3/4"	F1554	3.00
⊕ 48	Portal Frame	3/4"	F1554	3.00
⊕ 48	Aux. Col.	3/4"	F1554	3.00
⊕ 4	Pilaster Col.	3/4"	F1554	3.00
⊕ 116	Frame	3/4"	F1554	3.00
❄ 56	Frame	1"	F1554	3.50

THREADED ANCHOR BOLT



NOTE: PROJECTION BASED FROM BOTTOM OF BASE PLATE. ADJUSTMENTS SHOULD BE MADE FOR GROUT AND/OR LEVELING PLATES.

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

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STATE OF LOUISIANA
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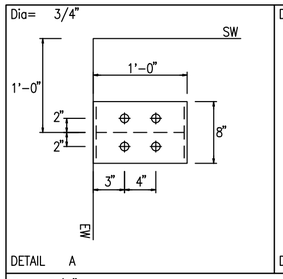
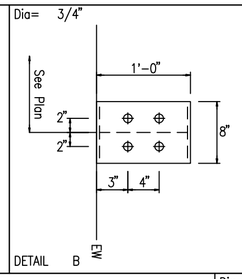


DETAIL A



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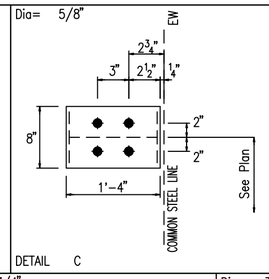

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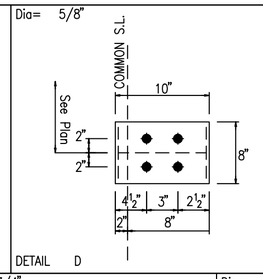

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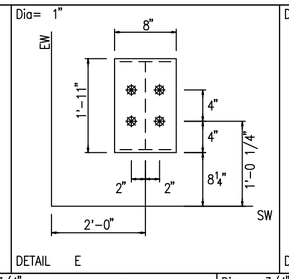
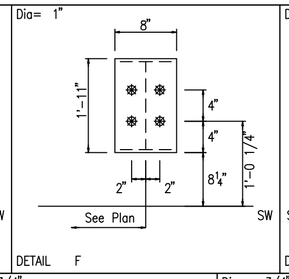
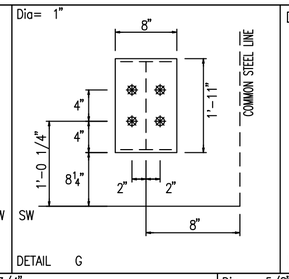


DETAIL E



DETAIL F



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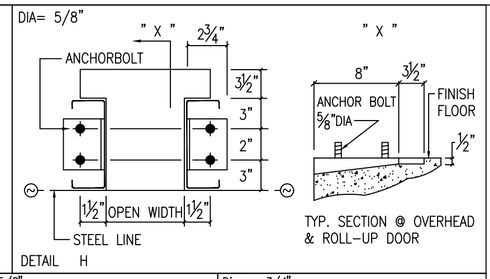

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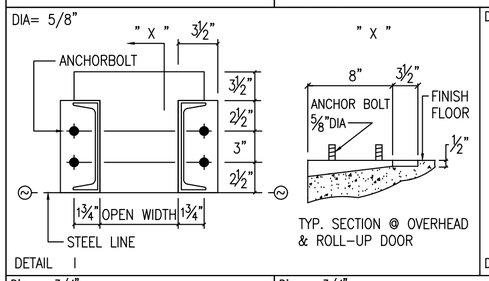
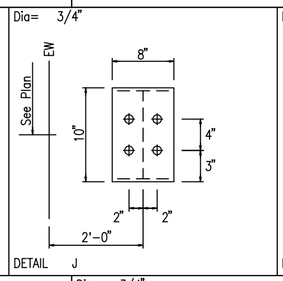


DETAIL I



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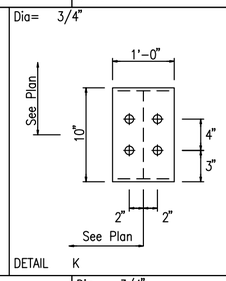
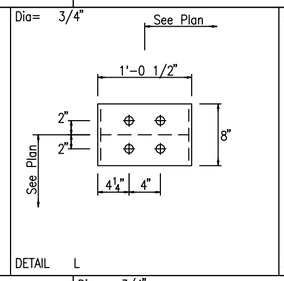


DETAIL K



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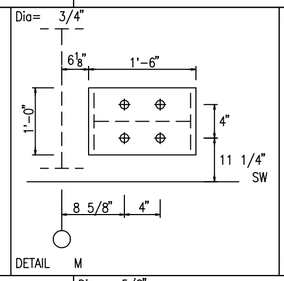

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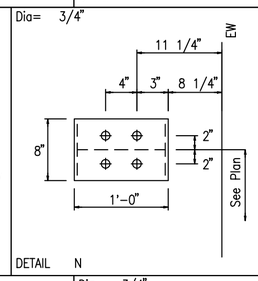

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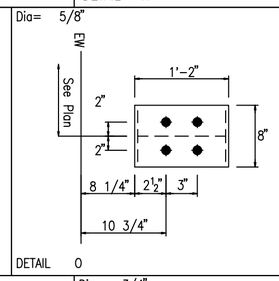
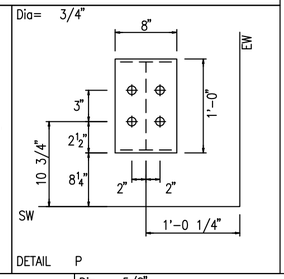
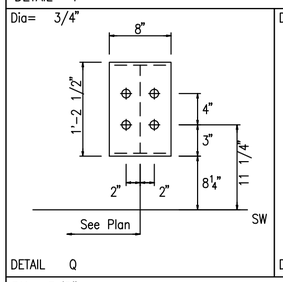


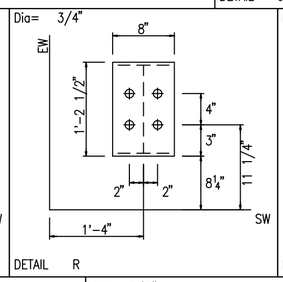
DETAIL O



DETAIL P



DETAIL Q



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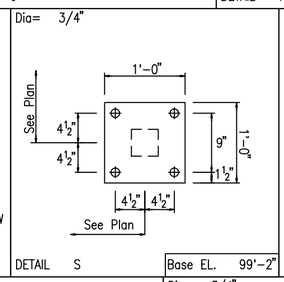
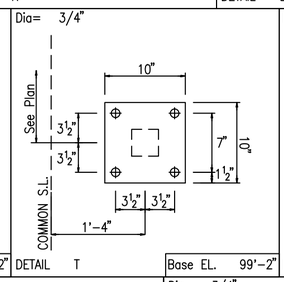


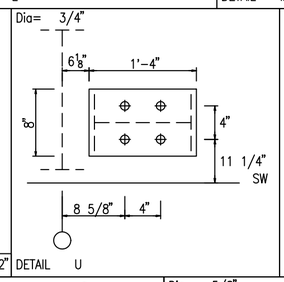
DETAIL S

Base EL. 99'-2"

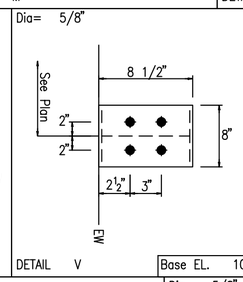


DETAIL T

Base EL. 99'-2"

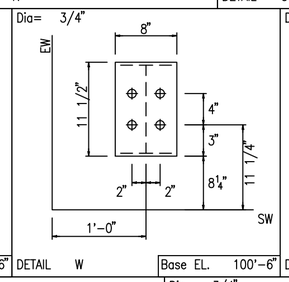


DETAIL U



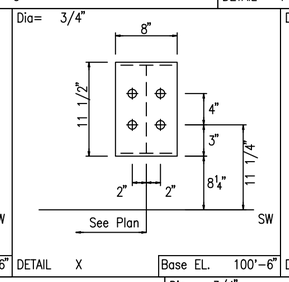
DETAIL V

Base EL. 100'-6"



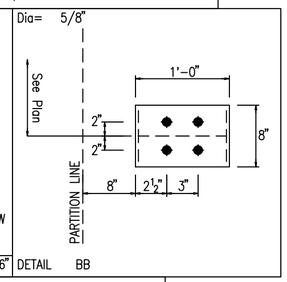
DETAIL W

Base EL. 100'-6"

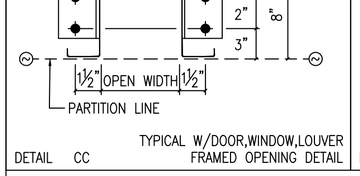


DETAIL X

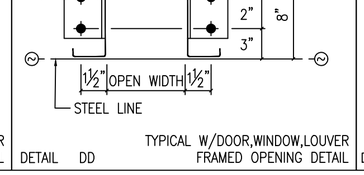
Base EL. 100'-6"



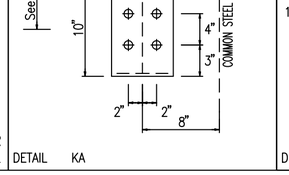
DETAIL BB



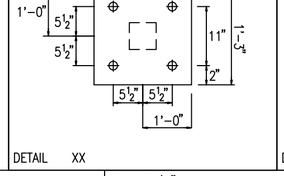
DETAIL CC



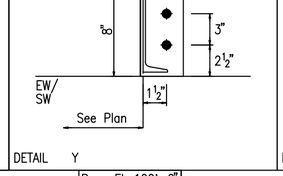
DETAIL DD



DETAIL KA



DETAIL XX



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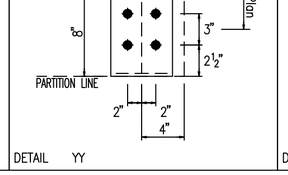

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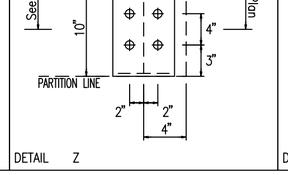

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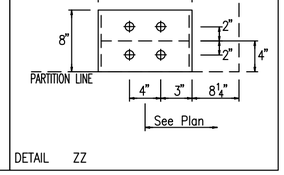

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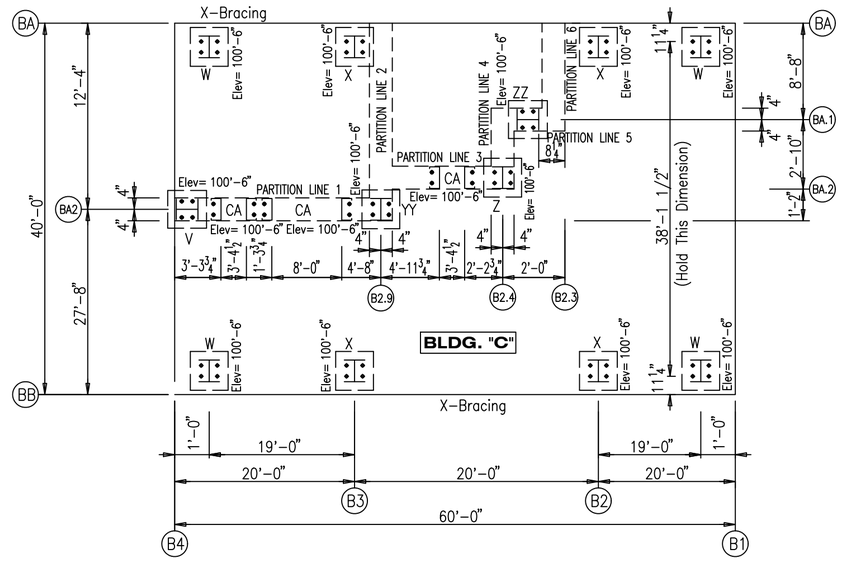
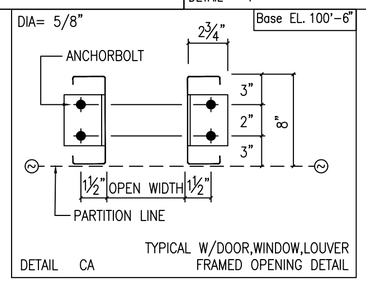


ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)



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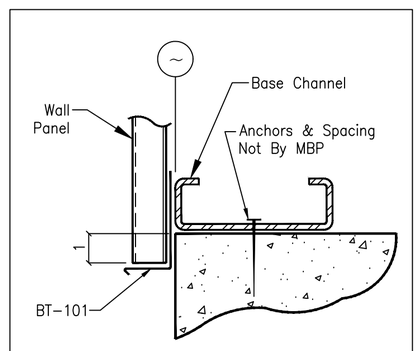

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

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UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

DRAWING STATUS

- ☒ FOR APPROVAL: These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

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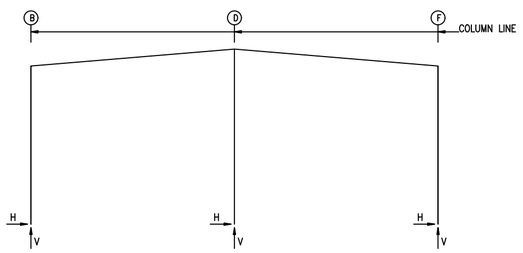
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: ANCHOR BOLT PLAN & DETAILS						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: F2	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

FRAME LINES: 12 11 10 9 8 7 5.5



BLDG. "A"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
12	B	3	10.4	0.3	6	−12.9	−12.1	4	1.000	8.000	23.00	0.500	0.0
		8	0.8	12.1	4	−10.9	−17.0						
12	F	7	12.9	−12.1	2	−10.4	0.3	4	1.000	8.000	23.00	0.500	0.0
		9	−0.8	12.1	5	10.9	−17.0						
12	D	5	0.0	−19.9	5	0.0	−19.9	4	0.750	8.000	10.00	0.625	0.0
		1	0.0	25.5									

BLDG. "A"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
11*	B	3	7.2	−0.8	6	−9.0	−6.4	4	1.000	8.000	23.00	0.500	0.0
		10	4.1	33.4	4	−6.5	−12.0						
11*	F	7	9.0	−6.4	2	−7.2	−0.8	4	1.000	8.000	23.00	0.500	0.0
		11	−0.8	14.3	5	6.5	−12.0						
11*	D	16	0.9	13.0	16	−2.0	39.1	4	0.750	12.00	10.00	0.500	0.0
		16	−2.0	39.1	5	0.0	−15.1						
11*	Frame lines:	11 10 9 8 7											

BLDG. "A"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
5.5	B	13	5.5	7.2	6	−7.0	−6.0	4	1.000	8.000	23.00	0.500	0.0
		12	3.9	29.8	4	−5.6	−9.2						
5.5	F	7	6.8	−5.8	14	−5.3	2.8	4	1.000	8.000	23.00	0.500	0.0
		15	−0.5	8.8	5	5.4	−8.9						
5.5	D	16	0.9	8.0	16	−1.9	33.0	4	0.750	12.00	10.00	0.500	0.0
		16	−1.9	33.0	5	0.0	−11.8						

BLDG. "A"

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
12	B	0.2	3.0	0.3	2.6	0.6	6.2	−18.3	−31.3	17.1	−4.5	−21.8	−23.2
12	F	−0.2	3.0	−0.3	2.6	−0.6	6.2	−17.1	−4.5	18.3	−31.3	−13.6	3.6
12	D	0.0	5.5	0.0	5.9	0.0	14.1	0.0	−38.8	0.0	−38.8	0.0	−27.2

Frame Line	Column Line	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	F1PAT_LL_1 Horz	F1PAT_LL_1 Vert
12	B	13.6	3.6	6.6	−25.2	4.9	−16.0	−0.6	−0.4	0.6	0.5	0.3	6.5
12	F	21.8	−23.2	−4.9	−16.0	−6.6	−25.2	−0.6	0.5	0.6	−0.4	−0.3	−0.3
12	D	0.0	−27.2	0.0	−33.5	0.0	−33.5	0.0	0.0	0.0	0.0	0.0	7.0

Frame Line	Column Line	F1PAT_LL_2 Horz	F1PAT_LL_2 Vert
12	B	0.3	−0.3
12	F	−0.3	6.5
12	D	0.0	7.0

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
11*	B	0.2	3.7	0.3	3.0	0.7	7.2	−11.1	−23.7	11.6	−7.6	−15.1	−14.3
11*	F	−0.2	3.7	−0.3	3.0	−0.7	7.2	−11.6	−7.6	11.1	−23.7	−7.6	1.8
11*	D	0.0	6.9	0.0	6.8	0.0	16.2	0.0	−32.0	0.0	−32.0	0.0	−18.7

Frame Line	Column Line	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	F2CRNA_1 Horz	F2CRNA_1 Vert
11*	B	7.6	1.8	7.5	−21.4	6.3	−14.9	−1.1	−0.8	1.1	0.8	−1.0	23.3
11*	F	15.1	−14.3	−6.3	−14.9	−7.5	−21.4	−1.1	0.8	1.1	−0.8	−2.0	1.6
11*	D	0.0	−18.7	0.0	−27.1	0.0	−27.1	0.0	0.0	0.0	0.0	−0.8	6.1

Frame Line	Column Line	F2CRNA_2 Horz	F2CRNA_2 Vert	F2CRNA_3 Horz	F2CRNA_3 Vert	F2CRNA_4 Horz	F2CRNA_4 Vert	F2CRNAM_5 Horz	F2CRNAM_5 Vert	F2CRNAM_6 Horz	F2CRNAM_6 Vert	F2CRNAM_7 Horz	F2CRNAM_7 Vert
11*	B	2.4	25.2	−1.0	5.6	2.4	7.4	−2.8	−2.4	2.8	2.4	−2.8	−2.4
11*	F	1.0	−0.9	−1.2	1.0	1.9	−1.5	−3.2	1.7	3.2	−1.7	−3.2	1.7
11*	D	0.2	6.8	−1.6	24.4	−0.6	25.1	−0.9	0.7	0.9	−0.7	−0.9	0.7

Frame Line	Column Line	F2CRNAM_8 Horz	F2CRNAM_8 Vert	F2CRNA2_9 Horz	F2CRNA2_9 Vert	F2CRNA2_10 Horz	F2CRNA2_10 Vert	F2CRNA2_11 Horz	F2CRNA2_11 Vert	F2CRNA2_12 Horz	F2CRNA2_12 Vert	F2CRNBM_1 Horz	F2CRNBM_1 Vert
11*	B	2.8	2.4	−2.8	−2.4	2.8	2.4	−2.8	−2.4	2.8	2.4	−2.1	21.9
11*	F	3.2	−1.7	−3.2	1.7	3.2	−1.7	−3.2	1.7	3.2	−1.7	−3.7	2.1
11*	D	0.9	−0.7	−0.9	0.7	0.9	−0.7	−0.9	0.7	0.9	−0.7	−1.2	7.1

Frame Line	Column Line	F2CRNBM_2 Horz	F2CRNBM_2 Vert	F2CRNBM_3 Horz	F2CRNBM_3 Vert	F2CRNBM_4 Horz	F2CRNBM_4 Vert	F2CRNBM_5 Horz	F2CRNBM_5 Vert	F2CRNBM_6 Horz	F2CRNBM_6 Vert	F2CRNBM_7 Horz	F2CRNBM_7 Vert
11*	B	3.6	26.7	−2.1	4.1	3.5	8.9	−2.1	21.9	3.6	26.7	−2.1	4.1
11*	F	2.7	−1.4	−2.8	1.5	3.5	−2.0	−3.7	2.1	2.7	−1.4	−2.8	1.5
11*	D	0.7	5.7	−2.0	25.5	−0.1	24.1	−1.2	7.1	0.7	5.7	−2.0	25.5

Frame Line	Column Line	F2CRNBM_8 Horz	F2CRNBM_8 Vert	F2PAT_LL_1 Horz	F2PAT_LL_1 Vert	F2PAT_LL_2 Horz	F2PAT_LL_2 Vert
11*	B	3.5	8.9	0.3	7.6	0.3	−0.3
11*	F	3.5	−2.0	−0.3	−0.3	−0.3	7.6
11*	D	−0.1	24.1	0.0	8.1	0.0	8.1

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
5.5	B	0.2	2.9	0.2	1.7	0.4	4.1	−9.6	−18.2	8.9	−4.4	−11.9	−12.9
5.5	F	−0.2	2.8	−0.2	1.7	−0.4	4.1	−8.5	−4.9	9.1	−17.7	−6.2	0.4
5.5	D	0.0	5.0	0.0	3.9	0.0	9.2	0.0	−23.6	0.0	−24.6	0.0	−16.0

Frame Line	Column Line	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	F3CRNA_1 Horz	F3CRNA_1 Vert
5.5	B	6.6	0.9	4.4	−16.4	3.3	−10.4	−0.9	−0.7	0.9	0.7	−1.1	21.7
5.5	F	11.4	−12.4	−3.3	−10.3	−4.4	−16.4	−0.8	0.6	0.8	−0.6	−1.9	1.5
5.5	D	0.0	−17.0	0.0	−22.2	0.0	−22.1	0.0	0.1	0.0	−0.1	−0.7	4.7

Frame Line	Column Line	F3CRNA_2 Horz	F3CRNA_2 Vert	F3CRNA_3 Horz	F3CRNA_3 Vert	F3CRNA_4 Horz	F3CRNA_4 Vert	F3CRNAM_5 Horz	F3CRNAM_5 Vert	F3CRNAM_6 Horz	F3CRNAM_6 Vert	F3CRNAM_7 Horz	F3CRNAM_7 Vert
5.5	B	2.4	23.7	−1.1	4.0	2.4	6.0	−2.9	−2.5	2.9	2.5	−2.9	−2.5
5.5	F	1.0	−0.9	−1.1	1.0	1.8	−1.5	−3.1	1.6	3.1	−1.6	−3.1	1.6
5.5	D	0.3	5.1	−1.5	23.0	−0.5	23.4	−0.9	0.9	0.9	−0.9	−0.9	0.9

Frame Line	Column Line	F3CRNAM_8 Horz	F3CRNAM_8 Vert	F3CRNA2_9 Horz	F3CRNA2_9 Vert	F3CRNA2_10 Horz	F3CRNA2_10 Vert	F3CRNA2_11 Horz	F3CRNA2_11 Vert	F3CRNA2_12 Horz	F3CRNA2_12 Vert	F3CRNBM_1 Horz	F3CRNBM_1 Vert
5.5	B	2.9	2.5	−2.9	−2.5	2.9	2.5	−2.9	−2.5	2.9	2.5	−2.3	20.2
5.5	F	3.1	−1.6	−3.1	1.6	3.1	−1.6	−3.1	1.6	3.1	−1.6	−3.5	1.9
5.5	D	0.9	−0.9	−0.9	0.9	0.9	−0.9	−0.9	0.9	0.9	−0.9	−1.1	5.8

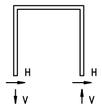
Frame Line	Column Line	F3CRNBM_2 Horz	F3CRNBM_2 Vert	F3CRNBM_3 Horz	F3CRNBM_3 Vert	F3CRNBM_4 Horz	F3CRNBM_4 Vert	F3CRNBM_5 Horz	F3CRNBM_5 Vert	F3CRNBM_6 Horz	F3CRNBM_6 Vert	F3CRNBM_7 Horz	F3CRNBM_7 Vert
5.5	B	3.6	25.2	−2.3	2.5	3.6	7.5	−2.3	20.2	3.6	25.2	−2.3	2.5
5.5	F	2.6	−1.3	−2.7	1.4	3.4	−1.9	−3.5	1.9	2.6	−1.3	−2.7	1.4
5.5	D	0.7	4.0	−1.9	24.1	0.0	22.3	−1.1	5.8	0.7	4.0	−1.9	24.1

Frame Line	Column Line	F3CRNBM_8 Horz	F3CRNBM_8 Vert	F3PAT_LL_1 Horz	F3PAT_LL_1 Vert	F3PAT_LL_2 Horz	F3PAT_LL_2 Vert
5.5	B	3.6	7.5	0.2	4.3	0.2	−0.2
5.5	F	3.4	−1.9	−0.2	−0.2	−0.2	4.3
5.5	D	0.0	22.3	0.0	4.6	0.0	4.6

11* Frame lines: 11 10 9 8 7

BLDG. "A"

PORTAL FRAME REACTIONS



Wall Loc	Wall Line	Col Line	Wind(k) Horz	Wind(k) Vert	Seismic(k) Horz	Seismic(k) Vert	Bolt(in) Qty	Bolt(in) Dia	Base_Plate(in) Width	Base_Plate(in) Length	Base_Plate(in) Thick
F_SW	F	10	13.2	29.7	1.5	3.3	4	0.750	12.000	18.000	0.625
F_SW	F	9	13.2	29.7	1.5	3.3	4	0.750	12.000	18.000	0.625
B_SW	B	9	13.2	29.7	1.5	3.3	4	0.750	12.000	18.000	0.625
B_SW	B	10	13.2	29.7	1.5	3.3	4	0.750	12.000	18.000	0.625

BLDG. "A"

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Horz	Dead Vert	Live Horz	Live Vert	Wind_Press Horz	Wind_Press Vert	Wind_Suct Horz	Wind_Suct Vert	Seis Long Horz
12	B	0.0	1.5	0.0	4.1	−5.2	−10.0	6.0	−2.7	0.0
12	C	−0.5	3.1	−2.5	8.5	−4.0	−20.7	13.7	−5.5	0.0
12	D	−0.5	3.2	−2.5	8.8	−5.2	−21.4	15.0	−5.7	0.0
12	E	−0.5	3.1	−2.5	8.5	−4.0	−20.7	13.7	−5.5	0.0
12	F	0.0	1.5	0.0	4.1	−5.2	−10.0	6.0	−2.7	0.0
5.5	E	0.0	0.6	0.0	0.0	−10.0	0.0	11.1	0.0	0.0
5.5	D	0.0	0.9	0.0	0.0	−11.5	0.0	12.7	0.0	0.0
5.5	C	0.0	0.6	0.0	0.0	−10.0	0.0	11.1	0.0	0.0

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
12	B	17	3.6	−0.7	18	−3.1	−5.1	4	0.750	8.000	12.00	0.375	0.0
		1	0.0	5.6									
12	C	17	7.9	−1.5	1	−3.0	11.6	4	0.750	8.000	12.00	0.500	0.0
		1	−3.0	11.6	18	−2.7	−10.6						
12	D	17	8.7	−1.5	19	−3.6	−9.7	4	0.750	8.000	12.00	0.500	0.0
		1	−3.0	12.0	18	−3.4	−10.9						
12	E	17	7.9	−1.5	1	−3.0	11.6	4	0.750	8.000	12.00	0.500	0.0
		1	−3.0	11.6	18	−2.7	−10.6						
12	F	17	3.6	−0.7	18	−3.1	−5.1	4	0.750	8.000	12.00	0.375	0.0
		1	0.0	5.6									
5.5	E	17	6.6	0.4	18	−6.0	0.4	4	0.625	8.000	16.00	0.375	0.0
		20	0.0	0.6									
5.5	D	17	7.6	0.5	18	−6.9	0.5	4	0.625	8.000	10.00	0.375	0.0
		20	0.0	0.9									
5.5	C	17	6.6	0.4	18	−6.0	0.4	4	0.625	8.000	16.00	0.375	0.0
		20	0.0	0.6									

BLDG. "A"

CRANE COLUMN REACTIONS

BLDG. "A"

Frm Line	Col Line	Vert (k)	Bolt(in) Qty	Bolt(in) Dia	Base_Plate(in) Width	Base_Plate(in) Length	Base_Plate(in) Thick	Elev. (in)
11	@43.9	53.8	4	0.750	8.000	12.50	0.500	0.0
11	@81.4	53.8	4	0.750	8.000	12.50	0.500	0.0
10	@43.9	64.5	4	0.750	8.000	12.50	0.500	0.0
10	@81.4	64.5	4	0.750	8.000	12.50	0.500	0.0
9	@43.9	64.5	4	0.750	8.000	12.50	0.500	0.0
9	@81.4	64.5	4	0.750	8.000	12.50	0.500	0.0
8	@43.9	64.5	4	0.750	8.000	12.50	0.500	0.0
8	@81.4	64.5	4	0.750	8.000	12.50	0.500	0.0
7	@43.9	64.5	4	0.750	8.000	12.50	0.500	0.0
7	@81.4	64.5	4	0.750	8.000	12.50	0.500	0.0

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	±Reactions(k) Wind Horz	±Reactions(k) Wind Vert	±Reactions(k) Seismic Horz	±Reactions(k) Seismic Vert	Panel_Shear (lb/ft) Wind	Panel_Shear (lb/ft) Seis	Note
L_EW	12								(h)
F_SW	F	10,9							(a)
R_EW	5.5								(h)
B_SW	B	10,9							(a)

(a)Wind bent in bay
(h)Rigid frame at endwall

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

BLDG. "A"

NOTES FOR REACTIONS

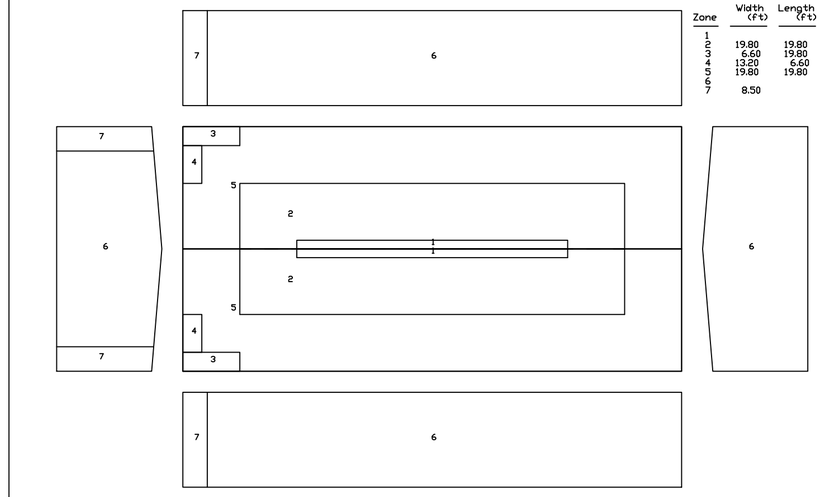
1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Loading conditions are:
   1 Dead+Collateral+Live
   2 Dead+0.6Wind_Left1
   3 Dead+0.6Wind_Right1
   4 0.6Dead+0.6Wind_Left1
   5 0.6Dead+0.6Wind_Right1
   6 0.6Dead+0.6Wind_Left2
   7 0.6Dead+0.6Wind_Right2
   8 Dead+Collateral+F1PAT_LL_1
   9 Dead+Collateral+F1PAT_LL_2
   10 Dead+Collateral+F2CRNBM_6
   11 Dead+Collateral+F2PAT_LL_2
   12 Dead+Collateral+F3CRNBM_2
   13 Dead+0.3Wind_Right1+0.75F3CRNBM_4
   14 Dead+0.3Wind_Left1+0.75F3CRNBM_5
   15 Dead+Collateral+F3PAT_LL_2
   16 Dead+Collateral
   17 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   18 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   19 Dead+0.6Wind_Pressure+0.6Wind_Long2L
   20 1.01Dead+1.01Collateral+0.53Seismic_Right

BLDG. "A"

GENERAL NOTES

1. All anchor bolts (by others) to have nuts and flat washers.
2. All anchor bolts are designed to full S.A.E. diameters with cut threads. No substitutions are allowed.
3. The Metal Building Provider is not responsible for the design, materials and workmanship of the foundation. Anchor bolt plans prepared by the Metal Building Provider are intended to show only location, diameter, and projection of anchor bolts required to attach the Metal Building System to the foundation. The Metal Building Provider is responsible for providing to the Builder the loads imposed by the Metal Building System on the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, 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. This is typically the responsibility of the Design Professional or Engineer of Record, which is another reason that their involvement in the Construction Project from the outset is highly recommended. (2012 MBMA Metal Building Systems Manual, Section 3.2.2)

BLDG. "A"



Components & Cladding

Zone	Width (ft)	Length (ft)	Pressure(psf) Member	Pressure(psf) Panel	Suction(psf) Member	Suction(psf) Panel
1			16.00	16.81	−32.56	−37.83
2	19.80	19.80	16.00	16.81	−47.21	−65.82
3	6.60	19.80	16.00	16.81	−70.00	−118.4
4	13.20	6.60	16.00	16.81	−70.00	−118.4
5	19.80	19.80	16.00	16.81	−62.84	−87.01
6			30.59	37.83	−33.74	−40.98
7	8.50		30.59	37.83	−36.10	−50.41

(+) wind towards surface
(−) wind away from surface

BLDG A — Panel Zone: Wind 1 — 7/31/25

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

DRAWING STATUS

☒ FOR APPROVAL:
These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.

☐ FOR CONSTRUCTION PERMIT:
These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.

☐ FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
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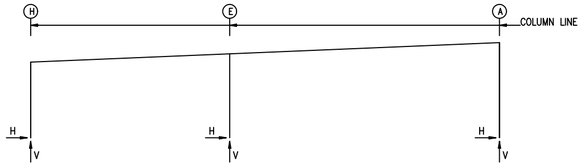
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: ANCHOR BOLT REACTIONS						BLDG SIZE: VARIES		
CUSTOMER: Waukesha−Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street		
PROJECT REFERENCE: WPI Baton Rouge								
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817						JOBSITE COUNTY: East Baton Rouge		
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554−37882		DWG NO: F3	ISSUE: A1	

FRAME LINES: 2 3 4 5.5



BLDG. "B"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
2*	H	3	8.9	12.2	5	−10.1	−7.9	4	0.750	8.000	14.50	0.500	0.0
		1	3.7	16.6	7	0.9	−13.0						
2*	A	6	7.9	−1.0	2	−6.3	13.9	4	0.750	8.000	14.50	0.625	0.0
		9	−2.8	28.8	7	−0.2	−19.7						
2*	E	7	0.0	−27.9	7	0.0	−27.9	4	0.750	12.00	12.00	0.500	−10.0
		1	0.0	47.0									

2* Frame lines: 2 3 4

BLDG. "B"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
5.5	H	3	6.3	7.4	5	−7.5	−7.1	4	0.750	8.000	14.50	0.500	0.0
		1	2.3	10.6	4	−7.3	−9.8						
5.5	A	6	6.3	−1.8	2	−4.0	2.9	4	0.750	8.000	14.50	0.625	0.0
		10	−1.8	14.5	7	0.7	−17.7						
5.5	E	8	0.0	−24.5	8	0.0	−24.5	4	0.750	10.00	10.00	0.500	−10.0
		1	0.0	29.8									

BLDG. "B"

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live 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	Wind Press Horz	Wind Suct Horz
1	H	1.3	0.6	2.5	0.0	−6.4	0.0	−2.2	0.0	−5.2	0.0	−1.0	−3.6	4.2
1	G	1.6	7.7	5.4	0.0	−9.3	0.0	−7.2	0.0	−6.1	0.0	−4.0	−2.5	4.6
1	F	1.7	7.4	4.7	−10.8	−22.5	0.0	12.7	−10.9	−19.8	0.0	15.0	−2.8	5.0
1	E	1.8	7.7	5.6	0.0	1.1	14.7	−23.7	0.0	4.5	14.3	−19.9	−4.2	6.3
1	C.9	1.8	7.7	5.5	0.0	−11.1	0.0	−6.3	0.0	−7.9	0.0	−3.0	−5.3	7.1
1	C	1.7	7.5	4.9	0.0	−9.8	0.0	−5.7	0.0	−6.9	0.0	−2.9	−5.7	7.2
1	B	1.7	7.6	5.1	0.0	−10.7	0.0	−5.2	0.0	−7.7	0.0	−2.2	−5.9	7.1
1	A	0.9	6.5	1.7	0.0	−2.9	0.0	−2.8	0.0	−2.0	0.0	−1.8	−4.0	5.0

Frm Line	Col Line	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	E1PAT_LL_1 Horz	E1PAT_LL_1 Vert	E1PAT_LL_2 Horz	E1PAT_LL_2 Vert
1	H	0.0	−4.2	0.0	−2.4	0.1	0.0	0.1	0.0	0.0	0.0	2.0	0.0	−0.2
1	G	0.0	−11.0	0.0	−6.3	0.0	0.0	0.0	0.0	0.1	0.0	5.8	0.0	2.3
1	F	0.0	−6.9	0.0	−4.3	−1.6	−1.9	0.0	1.9	0.1	0.0	2.3	0.0	5.7
1	E	2.1	−13.7	0.9	−7.4	0.0	1.8	1.6	−1.9	0.1	0.0	−0.3	0.0	2.4
1	C.9	0.0	−11.1	0.0	−6.3	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	−0.3
1	C	0.0	−9.9	0.0	−5.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
1	B	0.0	−10.3	0.0	−5.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
1	A	0.0	−3.3	0.0	−1.8	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Frm Line	Col Line	E1PAT_LL_3 Horz	E1PAT_LL_3 Vert	E1PAT_LL_4 Horz	E1PAT_LL_4 Vert	E1PAT_LL_5 Horz	E1PAT_LL_5 Vert	E1PAT_LL_6 Horz	E1PAT_LL_6 Vert	E1PAT_LL_7 Horz	E1PAT_LL_7 Vert	E1PAT_LL_8 Horz	E1PAT_LL_8 Vert
1	H	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	−0.3
1	G	0.0	−0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.0	2.9
1	F	0.0	2.3	0.0	−0.5	0.0	0.1	0.0	0.0	0.0	2.5	0.0	2.2
1	E	0.0	6.1	0.0	3.0	0.0	−0.3	0.0	0.1	0.0	2.5	0.0	3.0
1	C.9	0.0	3.0	0.0	6.1	0.0	2.4	0.0	−0.3	0.0	2.5	0.0	3.0
1	C	0.0	−0.5	0.0	2.3	0.0	5.7	0.0	2.5	0.0	2.7	0.0	2.2
1	B	0.0	0.1	0.0	−0.3	0.0	2.4	0.0	5.4	0.0	2.1	0.0	3.0
1	A	0.0	0.0	0.0	0.1	0.0	−0.2	0.0	1.7	0.0	2.1	0.0	−0.4

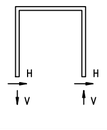
Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
5.5	B.1	0.5	−2.6	3.1	0.0
5.5	E.9	0.6	−0.9	2.1	0.0
5.5	G	0.8	−1.2	3.7	0.0

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
1	H	11	2.5	−3.1	12	−2.2	−1.8	4	0.750	8.000	12.00	0.375	0.0
		1	0.0	4.4	11	2.5	−3.1						
1	G	13	2.8	−5.6	12	−1.5	−5.6	4	0.750	8.000	12.00	0.375	0.0
		14	0.0	15.0	13	2.8	−5.6						
1	F	11	3.0	−12.5	12	−1.7	−3.1	4	0.750	8.000	12.00	0.500	0.0
		15	2.3	19.4	11	3.0	−12.5						
1	E	16	3.8	−13.2	12	−2.5	−7.2	4	0.750	8.000	12.00	0.500	0.0
		17	2.8	15.6	16	3.8	−13.2						
1	C.9	11	4.3	−5.6	12	−3.2	−5.5	4	0.750	8.000	12.00	0.375	0.0
		18	0.0	15.6	11	4.3	−5.6						
1	C	13	4.3	−4.9	12	−3.4	−4.9	4	0.750	8.000	12.00	0.375	0.0
		19	0.0	14.9	13	4.3	−4.9						
1	B	11	4.2	−5.4	12	−3.5	−5.2	4	0.750	8.000	12.00	0.375	0.0
		20	0.0	14.6	11	4.2	−5.4						
1	A	13	3.0	−1.4	12	−2.4	−1.4	4	0.750	8.000	12.00	0.375	0.0
		21	0.0	9.6	13	3.0	−1.4						
5.5	G	22	2.2	0.5	23	−0.7	0.5	4	0.625	8.000	14.00	0.375	0.0
		25	0.0	0.8									

BLDG. "B"

PORTAL FRAME REACTIONS



Wall Loc	Wall Line	Col Line	± Reactions Wind(k) Horz	Wind(k) Vert	Seismic(k) Horz	Seismic(k) Vert	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick
F_SW	A	3	11.8	14.7	1.0	1.2	4	0.750	8.000	16.000	0.375
F_SW	A	4	11.8	14.7	1.0	1.2	4	0.750	8.000	16.000	0.375
F_SW	A	4	11.8	14.7	1.0	1.2	4	0.750	8.000	16.000	0.375
F_SW	A	5.5	11.8	14.7	1.0	1.2	4	0.750	8.000	16.000	0.375
B_SW	H	4	15.3	17.8	0.8	1.0	4	0.750	8.000	16.000	0.500
B_SW	H	3	15.3	17.8	0.8	1.0	4	0.750	8.000	16.000	0.500
B_SW	H	3	15.3	17.8	0.8	1.0	4	0.750	8.000	16.000	0.500
B_SW	H	2	15.3	17.8	0.8	1.0	4	0.750	8.000	16.000	0.500

BLDG. "B"

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1	F,E	14.7	17.3	1.6	1.9			
F_SW	A	3,4	0.0	11.7	0.0	1.0			(c)
		4,5.5	0.0	11.1	0.0	0.9			(c)
R_EW	5.5								(h)
B_SW	H	4,3	0.0	9.2	0.0	0.5			(c)
		3,2	0.0	9.2	0.0	0.5			(c)

(c)X-Bracing above wind bent
(h)Rigid frame at endwall

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

BLDG. "B"

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
2*	H	0.8	4.8	0.9	3.6	2.0	8.3	−16.9	−25.3	12.6	−5.2	−17.6	−17.9
2*	A	−0.8	5.3	−0.9	11.6	−2.0	11.0	−6.8	−24.9	13.3	−17.9	−6.1	−13.9
2*	E	0.0	10.3	0.0	12.2	0.0	24.5	0.0	−52.6	0.0	−41.0	0.0	−29.4

Frame Line	Column Line	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	Seismic_Long Horz	Seismic_Long Vert
2*	H	11.9	2.2	0.6	−26.5	1.4	−20.7	−0.9	−0.4	0.9	0.4	0.0	−0.5
2*	A	14.0	−6.9	0.5	−38.2	−1.8	−28.5	−0.6	0.1	0.6	−0.1	0.0	−1.0
2*	E	0.0	−17.8	0.0	−56.8	0.0	−35.3	0.0	0.3	0.0	−0.3	0.0	0.0

Frame Line	Column Line	F1PAT_LL_1 Horz	F1PAT_LL_1 Vert	F1PAT_LL_2 Horz	F1PAT_LL_2 Vert
2*	H	0.9	8.0	1.1	−0.8
2*	A	−0.9	−0.9	−1.1	11.9
2*	E	0.0	11.1	0.0	13.4

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
5.5	H	0.6	3.5	0.6	2.2	1.2	4.9	−12.7	−19.7	9.4	−4.4	−13.1	−15.3
5.5	A	−0.6	4.0	−0.6	3.3	−1.2	6.6	−4.3	−21.0	10.6	−13.7	−3.8	−14.4
5.5	E	0.0	7.7	0.0	7.4	0.0	14.7	0.0	−45.5	0.0	−30.9	0.0	−31.6

Frame Line	Column Line	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	Seismic_Long Horz	Seismic_Long Vert
5.5	H	9.0	0.1	0.0	−14.4	0.7	−8.6	−0.7	−0.3	0.7	0.3	0.0	0.0
5.5	A	11.0	−7.1	1.7	−33.5	−0.6	−23.9	−0.5	0.1	0.5	−0.1	0.0	−0.9
5.5	E	0.0	−17.0	0.0	−48.5	0.0	−27.1	0.0	0.2	0.0	−0.2	0.0	0.0

Frame Line	Column Line	F2PAT_LL_1 Horz	F2PAT_LL_1 Vert	F2PAT_LL_2 Horz	F2PAT_LL_2 Vert
5.5	H	0.5	4.9	0.6	−0.5
5.5	A	−0.5	−0.5	−0.6	7.1
5.5	E	0.0	6.6	0.0	8.2

2* Frame lines: 2 3 4

BLDG. "B"

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Loading conditions are:
   1 Dead+Collateral+Live
   2 Dead+Collateral+0.75Live+0.45Wind_Left1
   3 Dead+Collateral+0.75Live+0.45Wind_Right1
   4 0.6Dead+0.6Wind_Left1
   5 0.6Dead+0.6Wind_Left2
   6 0.6Dead+0.6Wind_Right2
   7 0.6Dead+0.6Wind_Long1L
   8 0.6Dead+0.6Wind_Long1R
   9 Dead+Collateral+F1PAT_LL_2
   10 Dead+Collateral+F2PAT_LL_2
   11 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
   12 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
   13 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L
   14 Dead+Collateral+E1PAT_LL_1
   15 Dead+Collateral+0.75Live+0.45Wind_Right2+0.45Wind_Suction
   16 0.6Dead+0.6Wind_Right1+0.6Wind_Suction
   17 Dead+Collateral+0.75Live+0.45Wind_Left2+0.45Wind_Suction
   18 Dead+Collateral+E1PAT_LL_4
   19 Dead+Collateral+E1PAT_LL_5
   20 Dead+Collateral+E1PAT_LL_6
   21 Dead+Collateral+E1PAT_LL_7
   22 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   23 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   24 Dead+0.6Wind_Right2+0.6Wind_Suction
   25 1.01Dead+1.01Collateral+0.53Seismic_Right

BLDG. "B"

GENERAL NOTES

1. All anchor bolts (by others) to have nuts and flat washers.
2. All anchor bolts are designed to full S.A.E. diameters with cut threads. No substitutions are allowed.
3. The Metal Building Provider is not responsible for the design, materials and workmanship of the foundation. Anchor bolt plans prepared by the Metal Building Provider are intended to show only location, diameter, and projection of anchor bolts required to attach the Metal Building System to the foundation. The Metal Building Provider is responsible for providing to the Builder the loads imposed by the Metal Building System on the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, 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. This is typically the responsibility of the Design Professional or Engineer of Record, which is another reason that their involvement in the Construction Project from the outset is highly recommended. (2012 MBMA Metal Building Systems Manual, Section 3.2.2)

BLDG. "B"

Pilaster Column Reactions (K)

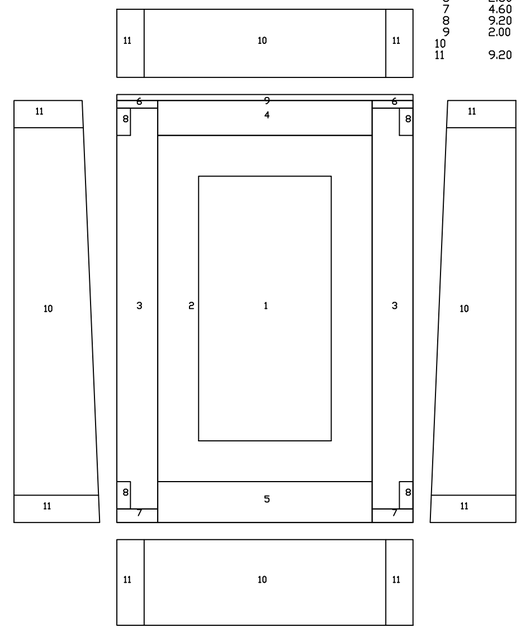
Frm Line	Col Line	Dead Vert	Wind Pressure Horiz	Wind Suction Horiz
1	H1	0.4	1.0	−1.0

*NOTE: WIND LOADS TO BE APPLIED TO COLUMN IN BOTH X AND Y DIRECTIONS

Components & Cladding

Zone	Width (ft)	Length (ft)	Pressure(psf) Member	Pressure(psf) Panel	Suction(psf) Member	Suction(psf) Panel
1			16.00	16.00	−30.14	−35.02
2	13.80	13.80	16.00	16.00	−43.70	−60.93
3	13.80	13.80	16.00	16.00	−58.17	−80.55
4	11.80		16.00	16.00	−58.17	−80.55
5	13.80		16.00	16.00	−58.17	−80.55
6	2.60	13.80	16.00	16.00	−64.80	−109.6
7	4.60	13.80	16.00	16.00	−64.80	−109.6
8	9.20	4.60	16.00	16.00	−64.80	−109.6
9	2.00		16.00	16.00	−44.79	−74.59
10			28.32	35.02	−31.24	−37.94
11	9.20		28.32	35.02	−33.43	−46.67

(+) wind towards surface
(−) wind away from surface



BLDG B Panel Zone: Wind 1 7/31/25

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

DRAWING STATUS

- ☒ FOR APPROVAL: These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
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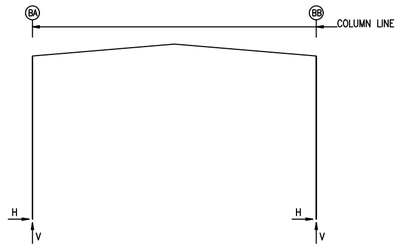
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: ANCHOR BOLT REACTIONS					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: F4	ISSUE: A1

FRAME LINES: B4 B3 B2 B1



BLDG. "C"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
B4	BA	5	2.3	1.6	9	−3.4	−1.6	4	0.750	8.000	11.50	0.375	6.0
		1	1.1	5.0	11	1.2	−9.4						
B4	BB	10	3.4	−1.6	4	−2.3	1.6	4	0.750	8.000	11.50	0.375	6.0
		1	−1.1	5.0	8	2.1	−6.1						

BLDG. "C"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
B3*	BA	5	3.5	3.6	9	−4.6	−4.1	4	0.750	8.000	11.50	0.500	6.0
		1	1.6	10.6	7	−2.4	−12.7						
B3*	BB	10	5.1	−1.1	4	−3.6	1.9	4	0.750	8.000	11.50	0.500	6.0
		6	−1.9	8.3	12	−2.2	−11.6						

B3* Frame lines: B3 B2

BLDG. "C"

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
B1	BA	3	2.3	−2.6	9	−2.7	−5.1	4	0.750	8.000	11.50	0.500	6.0
		1	0.8	8.5	7	−1.4	−9.6						
B1	BB	10	3.2	−1.3	2	−2.4	−1.6	4	0.750	8.000	11.50	0.500	6.0
		6	−1.4	5.3	8	1.9	−5.8						

BLDG. "C"

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horz	Dead Vert	Collateral Horz	Collateral Vert	Live Horz	Live Vert	Wind_Left1 Horz	Wind_Left1 Vert	Wind_Right1 Horz	Wind_Right1 Vert	Wind_Left2 Horz	Wind_Left2 Vert
B4	BA	0.2	1.1	0.1	0.6	0.8	3.3	−3.6	−11.3	3.1	−5.8	−5.8	−3.8
B4	BB	−0.2	1.1	−0.1	0.6	−0.8	3.3	−3.1	−5.8	3.6	−11.3	−0.9	1.7
B3*	BA	0.3	2.1	0.3	1.2	1.0	7.3	−4.2	−23.3	4.8	−11.5	−8.0	−9.0
B3*	BB	−0.3	1.6	−0.3	1.2	−1.0	4.4	−5.1	−9.4	5.0	−17.7	−1.3	4.8
B1	BA	0.2	2.0	0.2	0.6	0.5	5.9	−2.6	−18.1	3.4	−7.8	−4.7	−10.6
B1	BB	−0.2	1.4	−0.2	0.6	−0.5	2.9	−3.6	−4.9	3.4	−11.0	−1.5	2.6

Frame Line	Column Line	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	Seismic_Long Horz	Seismic_Long Vert
B4	BA	0.9	1.7	1.8	−16.8	1.5	−15.5	−0.1	−0.1	0.1	0.1	0.0	−0.5
B4	BB	5.8	−3.8	−1.5	−7.8	−1.8	−9.2	−0.1	0.1	0.1	−0.1	0.0	0.0
B3*	BA	1.1	2.7	3.3	−22.5	3.0	−20.7	−0.1	−0.2	0.1	0.2	0.0	−0.5
B3*	BB	8.8	−3.5	−3.0	−19.1	−3.3	−20.9	−0.1	0.2	0.1	−0.2	0.0	−0.4
B1	BA	1.3	−0.3	1.7	−9.2	1.5	−7.8	−0.1	−0.1	0.1	0.1	0.0	0.0
B1	BB	5.6	−3.5	−1.5	−7.8	−1.7	−9.2	−0.1	0.1	0.1	−0.1	0.0	0.0

B3* Frame lines: B3 B2

BLDG. "C"

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
B4	BA2	0.4	−9.1	9.8	0.0

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

Frm Line	Col Line	Column_Reactions(k) Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Bolt(in) Qty	Dia	Base_Plate(in) Width	Length	Thick	Elev. (in)
B4	BA2	13	5.9	0.2	14	−5.5	0.2	4	0.625	8.000	8.500	0.375	6.0
		15	5.9	0.4									

BLDG. "C"

BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	B4								(h)
F_SW	BB	B3,B2	5.9	6.0	0.4	0.4			
R_EW	B1								(h)
B_SW	BA	B3,B4	7.0	7.6	0.5	0.5			

(h)Rigid frame at endwall

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

BLDG. "C"

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Loading conditions are:
   1 Dead+Collateral+Live
   2 Dead+0.6Wind_Left1
   3 Dead+0.6Wind_Right1
   4 Dead+Collateral+0.75Live+0.45Wind_Left1
   5 Dead+Collateral+0.75Live+0.45Wind_Right1
   6 Dead+Collateral+0.75Live+0.45Wind_Left2
   7 0.6Dead+0.6Wind_Left1
   8 0.6Dead+0.6Wind_Right1
   9 0.6Dead+0.6Wind_Left2
   10 0.6Dead+0.6Wind_Right2
   11 0.6Dead+0.6Wind_Long1L
   12 0.6Dead+0.6Wind_Long2L
   13 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
   14 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
   15 Dead+0.6Wind_Right2+0.6Wind_Suction

BLDG. "C"

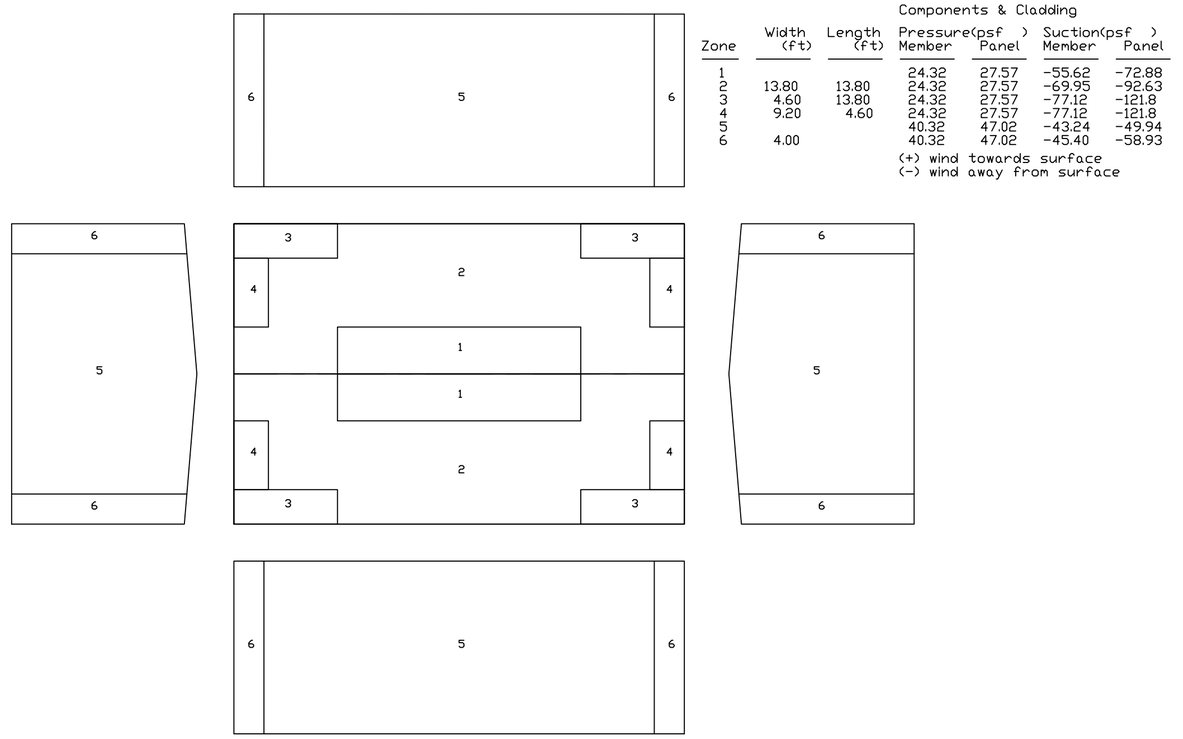
GENERAL NOTES

1. All anchor bolts (by others) to have nuts and flat washers.
2. All anchor bolts are designed to full S.A.E. diameters with cut threads. No substitutions are allowed.
3. The Metal Building Provider is not responsible for the design, materials and workmanship of the foundation. Anchor bolt plans prepared by the Metal Building Provider are intended to show only location, diameter, and projection of anchor bolts required to attach the Metal Building System to the foundation. The Metal Building Provider is responsible for providing to the Builder the loads imposed by the Metal Building System on the foundation. It is the responsibility of the End Customer to ensure that adequate provisions are made for specifying bolt embedment, bearing angles, 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. This is typically the responsibility of the Design Professional or Engineer of Record, which is another reason that their involvement in the Construction Project from the outset is highly recommended. (2012 MBMA Metal Building Systems Manual, Section 3.2.2)

BLDG. "C"

Partition Column Reactions (K, K-FT)

Frm Line	Col Line	Dead Vert	Wind Press/Suct Horiz	Wind Press/Suct Moment
B2.9	BA.3	0.3	6.0	N/A
B2.4	BA.2	0.3	5.2	20.8
B2.3	BA.1	0.3	5.2	20.8



BLDG C Panel Zone: Wind 1 7/31/25

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

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ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

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- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: ANCHOR BOLT REACTIONS					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: F5	ISSUE: A1

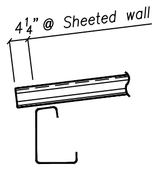
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	3/4"	2 1/4"	6"	5/8"	3'-8"
SP-2	4	4	2	A325	3/4"	1 3/4"	6"	3/8"	2'-8 3/4"

CAP PLATES							
Col Id	Bolt Qnt	Type	Dia	Len	Plate Size Width	Thick	Length
RI1-4	4	A325	0.625	1.750	8.000	0.625	10.000

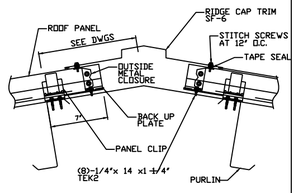
FLANGE BRACE TABLE
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
FRAME LINE: 12

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB3A	2'-7 1/2"	2'-4"	G26	AK226
2	1	FB4C	2'-7 1/2"	2'-4"	G26	AK226
3	1	FB17A	3'-9 7/8"	3'-0"	G26	AK227
4	1	FB13A	3'-3 3/8"	2'-4"	G26	AK227
5	1	FB10A	2'-11 3/4"	2'-4"	G26	AK227
6	1	FB5A	2'-9"	2'-4"	G26	AK227
7	1	FB9A	2'-11 1/4"	2'-4"	G26	AK227

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-11"
BP-2	8"	5/8"	10"

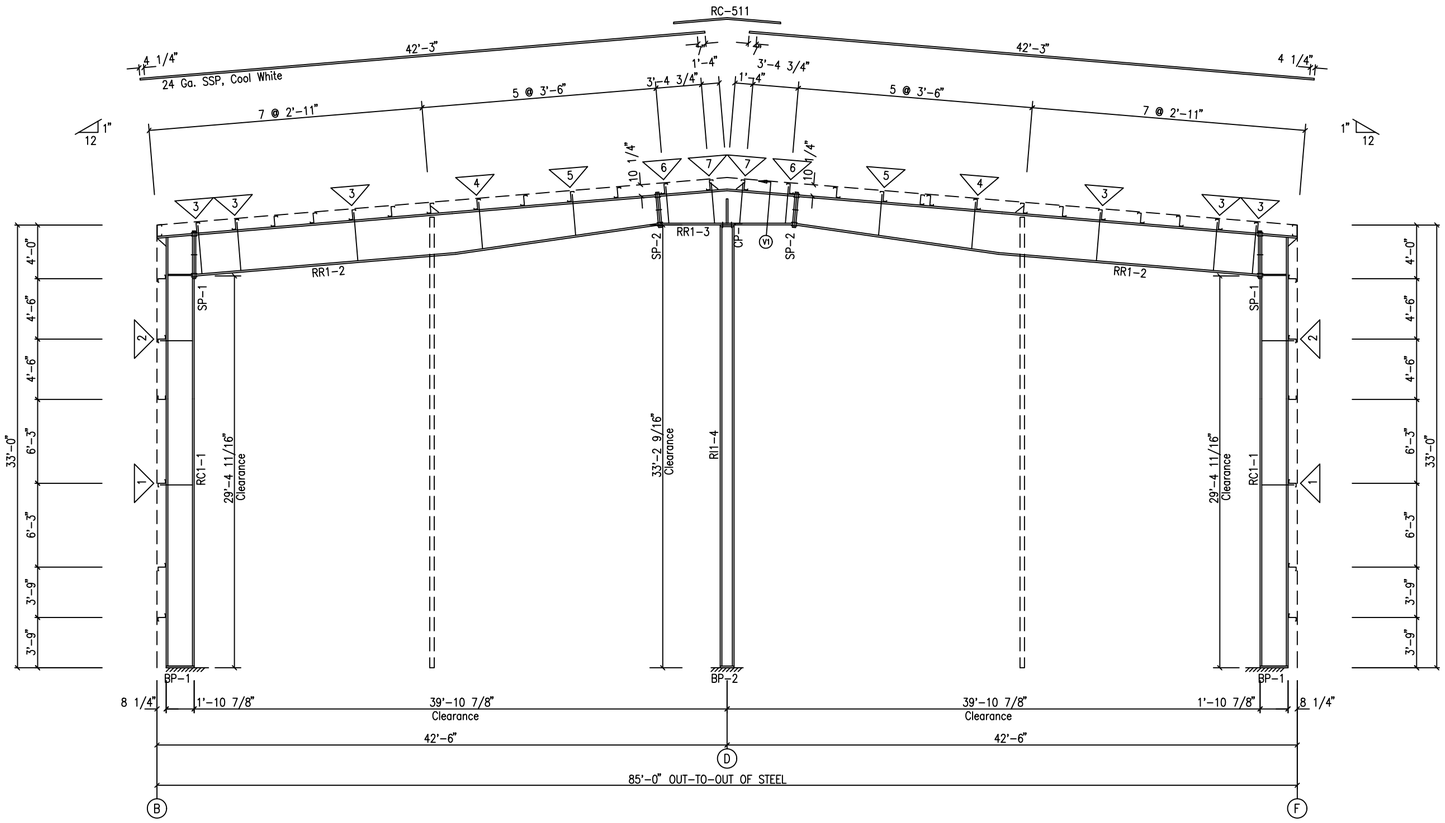


DETAIL @ PANEL END



RIDGE CAP INSTALLATION
(SUPER SEAM II AND PLUS)

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC1-1	22.0/22.0	0.133	240.0	6 x 3/8" x 240.0	6 x 3/8" x 240.0
	22.0/22.0	0.133	108.0	6 x 1/2" x 145.6	6 x 1/2" x 108.0
	22.0/22.0	0.250	39.5	6 x 5/16" x 30.7	
RR1-2	35.0/35.0	0.184	235.8	6 x 5/16" x 232.9	6 x 1/4" x 235.8
	35.0/24.0	0.184	184.1	6 x 1/4" x 184.1	6 x 1/4" x 184.4
RR1-3	24.0/29.1	0.161	123.7	6 x 1/4" x 62.0	6 x 1/4" x 119.6
				6 x 1/4" x 62.0	
RI1-4	W10851				



RIGID FRAME ELEVATION: FRAME LINE 12
BLDG. "A"

BOLT TIGHTENING (Pretensioned)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High-Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn-of-Nut, (2) Calibrated Wrench, (3) Twist-Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

The metal building manufacturer recommends the use of Turn-of-Nut method as it requires no special bolts, washers, or installation tools. When standard size holes are used with Turn-of-Nut method, and the nut is the part rotated, no washers are required per Section 6.2 of the Specification. The requirements of the Specification, Section 7 shall be completed before joint assembly.

Excerpts from the Specification, Section 8.2.1:
After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: RIGID FRAME ELEVATION						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: P1	ISSUE: A1

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

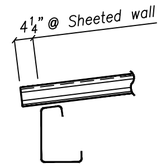
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP–1	4	4	2	A325	3/4"	2"	8"	1/2"	3'–8"
SP–2	4	4	2	A325	3/4"	2"	8"	1/2"	2'–9"

CAP PLATES							
Col Id	Qnt	Bolt Type	Bolt Dia	Bolt Len	Plate Size Width	Thick	Length
RI2–6	4	A325	0.750	1.750	12.000	0.500	10.000

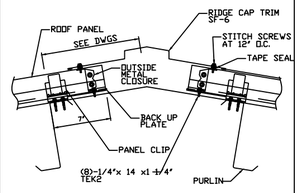
FLANGE BRACE TABLE
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
FRAME LINE: 11 10 9 8 7

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB3A	2'–7 1/2"	2'–4"	G26	AK226
2	1	FB17A	3'–9 7/8"	3'–0"	G26	AK227
3	1	FB16A	3'–9"	3'–0"	G26	AK227
4	1	FB10A	2'–11 3/4"	2'–4"	G26	AK227
5	1	FB5A	2'–9"	2'–4"	G26	AK227
6	1	FB9A	2'–11 1/4"	2'–4"	G26	AK227
7	1	FB4C	2'–7 1/2"	2'–4"	G26	AK226

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	1'–11"
BP–2	1'–0"	1/2"	10"

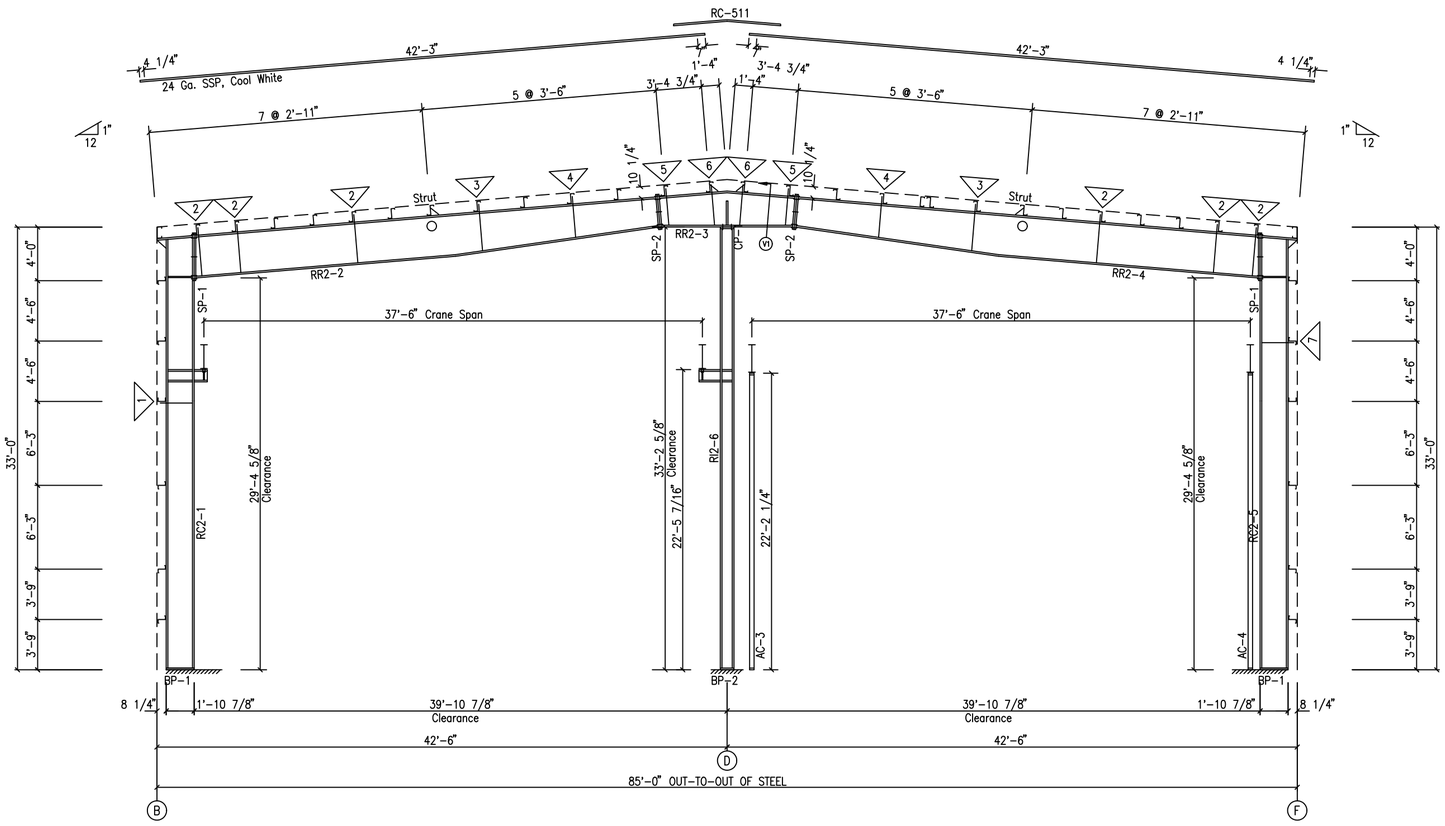


DETAIL @ PANEL END



RIDGE CAP INSTALLATION
(SUPER SEAM II AND PLUS)

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC2–1	22.0/22.0	0.188	240.0	8 x 3/8" x 240.0	8 x 1/2" x 240.0
	22.0/22.0	0.188	147.5	8 x 3/8" x 145.7	8 x 1/2" x 108.0
				8 x 1/4" x 30.7	
RR2–2	35.0/35.0	0.188	236.1	8 x 5/16" x 240.0	8 x 3/8" x 236.1
	35.0/24.0	0.188	184.0	8 x 5/16" x 177.1	8 x 3/8" x 184.3
RR2–3	24.0/29.1	0.164	123.4	8 x 1/4" x 61.9	8 x 1/4" x 119.4
				8 x 1/4" x 61.9	
RR2–4	24.0/35.0	0.188	184.0	8 x 5/16" x 177.1	8 x 3/8" x 184.3
	35.0/35.0	0.188	236.1	8 x 5/16" x 240.0	8 x 3/8" x 236.1
RC2–5	22.0/22.0	0.188	147.5	8 x 1/4" x 30.7	8 x 1/2" x 108.0
	22.0/22.0	0.188	240.0	8 x 3/8" x 145.7	8 x 1/2" x 240.0
				8 x 3/8" x 240.0	
RI2–6	W10263				
AC–3	W12X26				
AC–4	W12X26				



RIGID FRAME ELEVATION: FRAME LINE 7 8 9 10 11

BLDG. "A"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

BOLT TIGHTENING (Pretensioned)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High–Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn–of–Nut, (2) Calibrated Wrench, (3) Twist–Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

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Excerpts from the Specification, Section 8.2.1:
After the Snug–Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn–of–Nut method can be found in Section 9.2.1 of the Specification.

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: RIGID FRAME ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: P2	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
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PROFESSIONAL ENGINEER
08/15/2025

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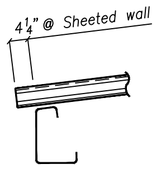
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	2	A325	3/4"	2"	8"	1/2"	3'-8"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	2'-9"

CAP PLATES							
Col Id	Qnt	Bolt Type	Bolt Dia	Bolt Len	Plate Size Width	Thick	Length
RI3-5	4	A325	0.750	1.750	12.000	0.500	10.000

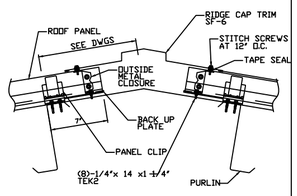
FLANGE BRACE TABLE
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
FRAME LINE: 5.5

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB3A	2'-7 1/2"	2'-4"	G26	AK226
2	1	FB17A	3'-9 7/8"	3'-0"	G26	AK227
3	1	FB12A	3'-1 1/2"	2'-4"	G26	AK227
4	1	FB8A	2'-10"	2'-4"	G26	AK227
5	1	FB9A	2'-11 1/4"	2'-4"	G26	AK227

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-11"
BP-2	1'-0"	1/2"	10"



DETAIL @ PANEL END



RIDGE CAP INSTALLATION
(SUPER SEAM II AND PLUS)

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
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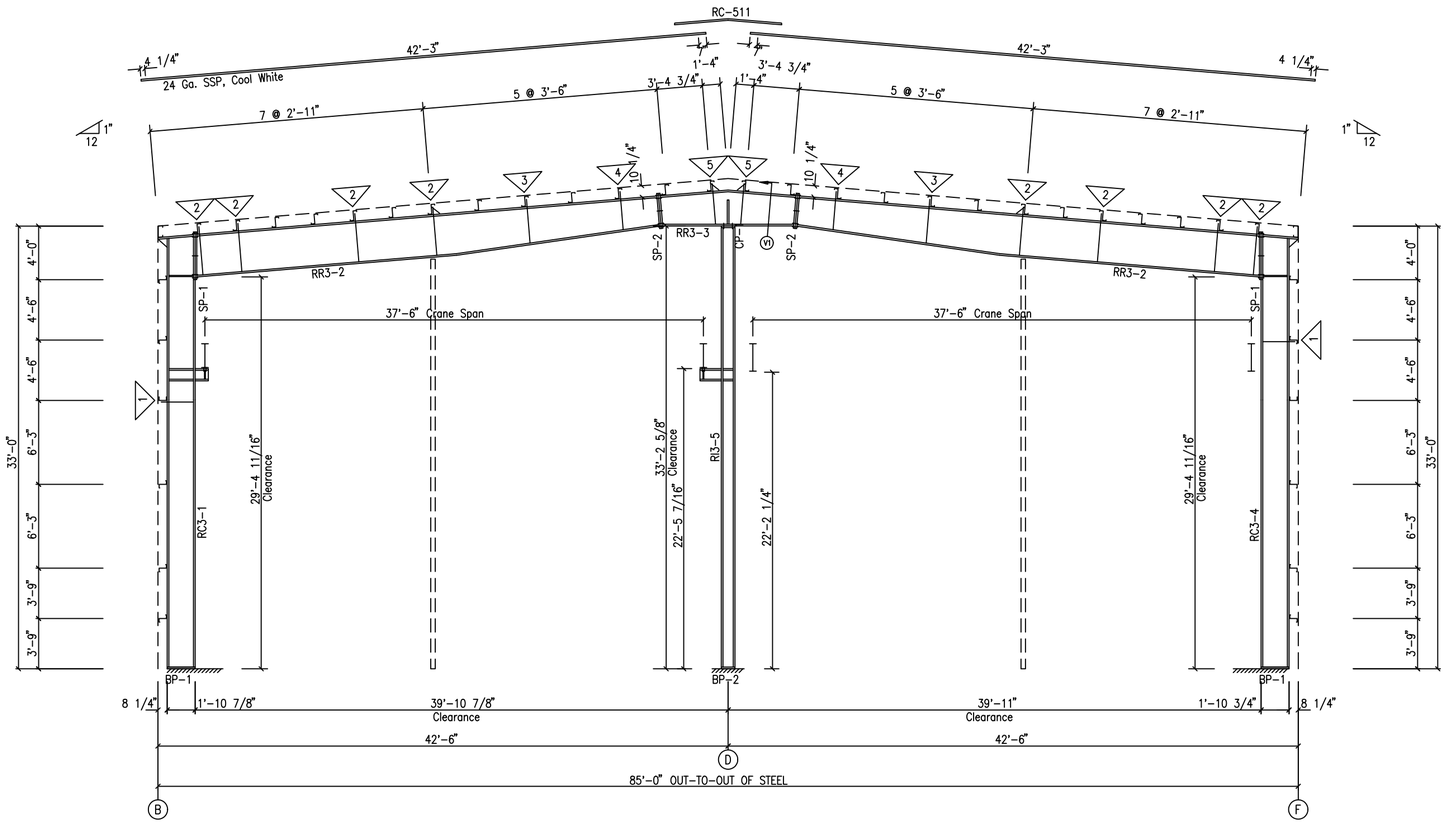
	22.0/22.0	0.188	147.5	8 x 3/8" x 145.7	8 x 1/2" x 108.0
				8 x 1/4" x 30.7	
RR3-2	35.0/35.0	0.188	236.1	8 x 1/4" x 240.0	8 x 5/16" x 236.1
	35.0/24.0	0.188	184.0	8 x 1/4" x 177.1	8 x 5/16" x 184.3
RR3-3	24.0/29.1	0.164	123.4	8 x 1/4" x 61.9	8 x 1/4" x 119.4
				8 x 1/4" x 61.9	
RC3-4	22.0/22.0	0.188	147.5	8 x 1/4" x 30.7	8 x 3/8" x 108.0
	22.0/22.0	0.188	240.0	8 x 3/8" x 145.7	8 x 3/8" x 240.0
				8 x 3/8" x 240.0	
RI3-5	W10263				



RIGID FRAME ELEVATION: FRAME LINE 5.5
BLDG. "A"

BOLT TIGHTENING (Pretensioned)

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A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: RIGID FRAME ELEVATION						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: P3	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
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08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

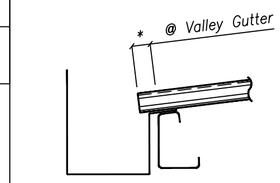
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP–1	4	4	2	A325	3/4"	2"	8"	1/2"	3'–4 3/4"
SP–2	4	4	2	A325	3/4"	2"	8"	1/2"	3'–11"
SP–3	4	4	4	A325	3/4"	2"	8"	1/2"	5'–1"

CAP PLATES							
Col Id	Bolt Qnt	Type	Dia	Len	Plate Size Width	Thick	Length
RI2–106	4	A325	0.625	2.000	6.000	0.625	13.005

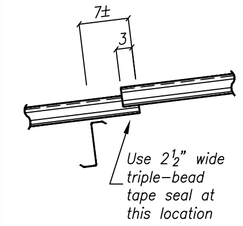
FLANGE BRACE TABLE
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
FRAME LINE: 5.5

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB104A	2'–11"	2'–4"	G26	AK226
2	1	FB106A	3'–2 1/2"	2'–4"	G26	AK227
3	1	FB108A	3'–10 3/8"	3'–0"	G26	AK227
4	1	FB109A	3'–11 1/2"	3'–0"	G26	AK227
5	1	FB110A	4'–0"	3'–0"	G26	AK227
6	1	FB111A	4'–3 1/2"	3'–0"	G26	AK227
7	1	FB112A	5'–3 1/4"	4'–0"	G26	AK227
8	1	FB114A	5'–6 1/2"	4'–0"	G26	AK227
9	1	FB103A	2'–10 1/8"	2'–4"	G26	AK226

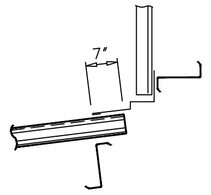
BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	1'–2 1/2"
BP–2	8"	5/8"	1'–2 1/2"
BP–3	10"	1/2"	10"



DETAIL @ PANEL END

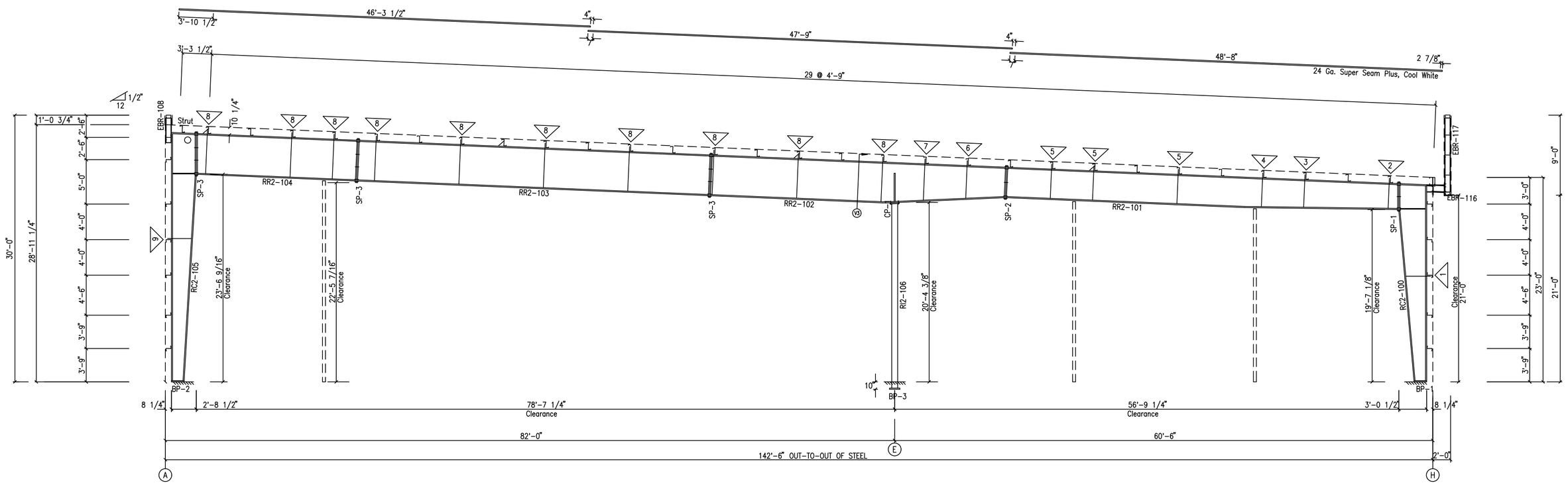


DETAIL @ PANEL SPLICE



DETAIL @ PANEL END
HIGH SIDE

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC2–100	14.0/25.5	0.133	120.0	6 x 1/4" x 240.0	6 x 1/4" x 231.5
	25.5/36.0	0.184	146.8	6 x 1/4" x 25.3	
				6 x 1/4" x 43.9	
RR2–101	32.0/38.0	0.184	208.2	8 x 1/4" x 240.0	8 x 1/4" x 208.3
	38.0/38.0	0.184	240.0	8 x 1/4" x 240.0	8 x 1/4" x 240.0
	38.0/38.0	0.184	82.5	8 x 1/4" x 49.4	8 x 1/4" x 82.5
RR2–102	38.0/52.0	0.250	160.5	8 x 3/8" x 240.0	8 x 3/8" x 161.1
	52.0/52.0	0.250	237.5	8 x 3/8" x 158.0	8 x 3/8" x 237.5
RR2–103	52.0/52.0	0.250	240.0	8 x 3/8" x 240.0	8 x 3/8" x 240.0
	52.0/52.0	0.250	235.6	8 x 3/8" x 235.6	8 x 3/8" x 235.6
RR2–104	52.0/52.0	0.250	218.4	8 x 3/8" x 218.4	8 x 3/8" x 216.2
RC2–105	32.0/29.5	0.161	95.8	6 x 1/4" x 32.3	6 x 1/4" x 38.5
	29.5/14.0	0.161	240.0	6 x 1/4" x 95.8	6 x 1/4" x 240.0
				6 x 1/4" x 240.0	
RI2–106	T5X188				
EBR–108	W8X10				
EBR–116	W10X12				
EBR–117	W8X13				



RIGID FRAME ELEVATION: FRAME LINE 5.5
BLDG. "B"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

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BOLT TIGHTENING (Snug–Tight)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as Snug–Tightened Joints in accordance with the Specification of Structural Joints Using High–Strength Bolts, June 11, 2020, installation as given in Section 7.1 Washers are not required for Snug–Tightened Joints using standard standard size holes per Section 6.1 of the Specification
Pretensioning methods, including Turn–of–Nut, calibrated wrench, twist–off tension control bolts or direct tension indicator are not required. Installation inspection requirements for Snug–Tight Bolt is found in Section 9.1 of the Specification.

DRAWING STATUS

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☐ FOR ERECTOR INSTALLATION:
Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
P.O. BOX 75280
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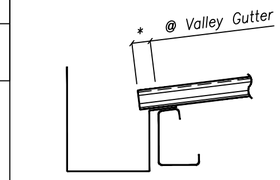
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: RIGID FRAME ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: P4	ISSUE: A1

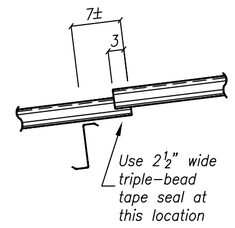
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	6	6	2	A325	3/4"	2"	8"	1/2"	3'-5"
SP-2	4	4	2	A325	3/4"	2"	8"	1/2"	3'-11"
SP-3	4	4	4	A325	3/4"	2"	8"	1/2"	5'-1"

CAP PLATES							
Col Id	Bolt Qnt	Bolt Type	Bolt Dia	Bolt Len	Plate Size Width	Thick	Length
RI1-106	4	A325	0.625	2.000	8.000	0.625	14.006

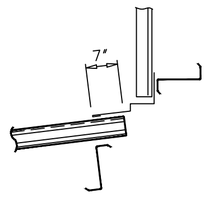
FLANGE BRACE TABLE A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16 FRAME LINE: 2 3 4						
▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB105A	3'-2 3/8"	2'-4"	G26	AK226
2	1	FB107C	3'-2 1/2"	2'-4"	G26	AK227
3	1	FB108A	3'-10 3/8"	3'-0"	G26	AK227
4	1	FB110A	4'-0"	3'-0"	G26	AK227
5	2	FB111A	4'-3 1/2"	3'-0"	G26	AK227
6	2	FB113A	5'-3 3/8"	4'-0"	G26	AK227
7	2	FB115A	5'-6 5/8"	4'-0"	G26	AK227
8	1	FB103A	2'-10 1/8"	2'-4"	G26	AK226



DETAIL @ PANEL END



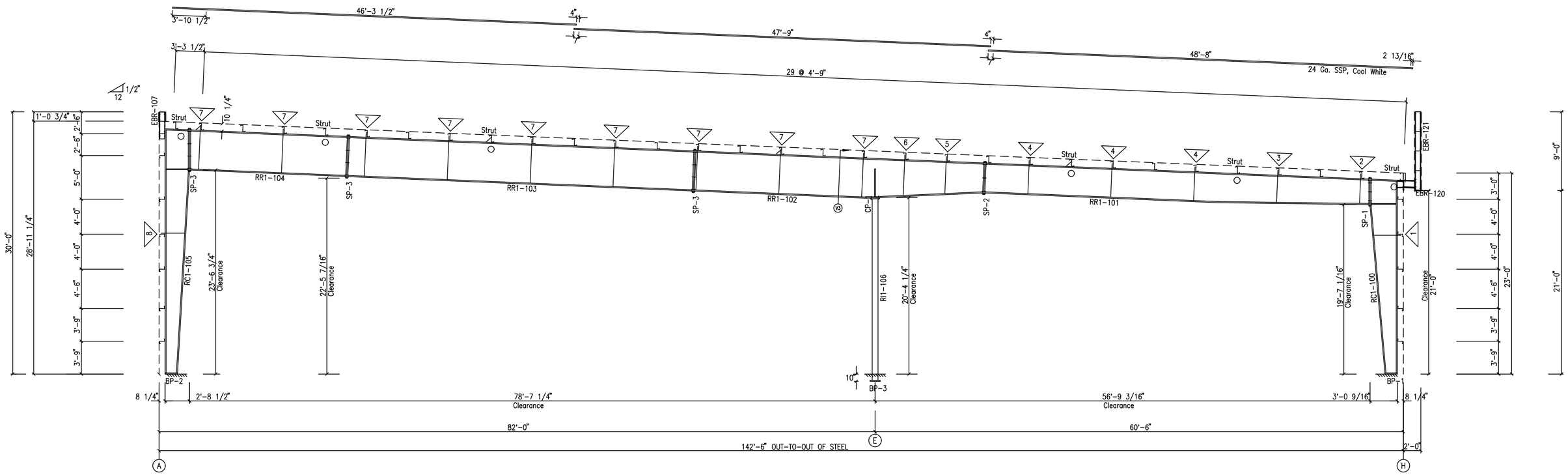
DETAIL @ PANEL SPLICE



DETAIL @ PANEL END
HIGH SIDE

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP-1	8"	1/2"	1'-2 1/2"
BP-2	8"	5/8"	1'-2 1/2"
BP-3	1'-0"	1/2"	1'-0"

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC1-100	14.0/25.5	0.133	120.0	8 x 1/4" x 240.0	8 x 1/4" x 120.5
	25.5/36.0	0.184	146.8	8 x 1/4" x 25.3	8 x 5/16" x 110.9
				8 x 1/4" x 43.9	
RR1-101	32.0/38.0	0.184	208.2	8 x 5/16" x 206.9	8 x 5/16" x 208.3
	38.0/38.0	0.184	240.0	8 x 1/4" x 240.0	8 x 1/4" x 240.0
	38.0/38.0	0.184	82.5	8 x 1/4" x 82.5	8 x 1/4" x 82.5
RR1-102	38.0/52.0	0.250	160.5	8 x 1/2" x 240.0	8 x 1/2" x 161.1
	52.0/52.0	0.250	237.5	8 x 1/2" x 158.0	8 x 1/2" x 237.5
RR1-103	52.0/52.0	0.250	240.0	8 x 1/2" x 240.0	8 x 1/2" x 240.0
	52.0/52.0	0.250	235.6	8 x 1/2" x 235.6	8 x 1/2" x 235.6
RR1-104	52.0/52.0	0.250	218.4	8 x 1/2" x 218.4	8 x 1/4" x 216.2
RC1-105	32.0/29.5	0.161	95.8	8 x 1/4" x 32.3	8 x 1/4" x 38.5
	29.5/14.0	0.161	240.0	8 x 1/4" x 95.8	8 x 1/4" x 240.0
				8 x 1/4" x 240.0	
RI1-106	T6X250				
EBR-107	W8X10				
EBR-120	W10X22				
EBR-121	W8X24				



RIGID FRAME ELEVATION: FRAME LINE 2 3 4

BLDG. "B"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

BOLT TIGHTENING (Snug-Tight)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as Snug-Tightened Joints in accordance with the Specification of Structural Joints Using High-Strength Bolts, June 11, 2020, installation as given in Section 7.1 Washers are not required for Snug-Tightened Joints using standard standard size holes per Section 6.1 of the Specification
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DRAWING STATUS

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

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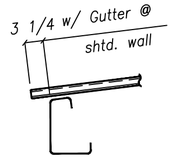
STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

SHEET DESCRIPTION: RIGID FRAME ELEVATION						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: P5	ISSUE: A1

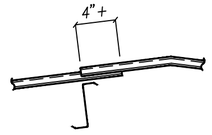
SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP–1	4	4	0	A325	3/4"	2"	6"	1/2"	1'–11"
SP–2	4	4	0	A325	3/4"	1 3/4"	6"	3/8"	1'–11"

FLANGE BRACE TABLE A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16 FRAME LINE: B4						
▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB204A	2'–8 5/8"	2'–4"		
2	1	FB202A	2'–7 1/2"	2'–4"		
3	1	FB200A	2'–5 3/8"	2'–4"	G25	AK222

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	3/8"	11 1/2"

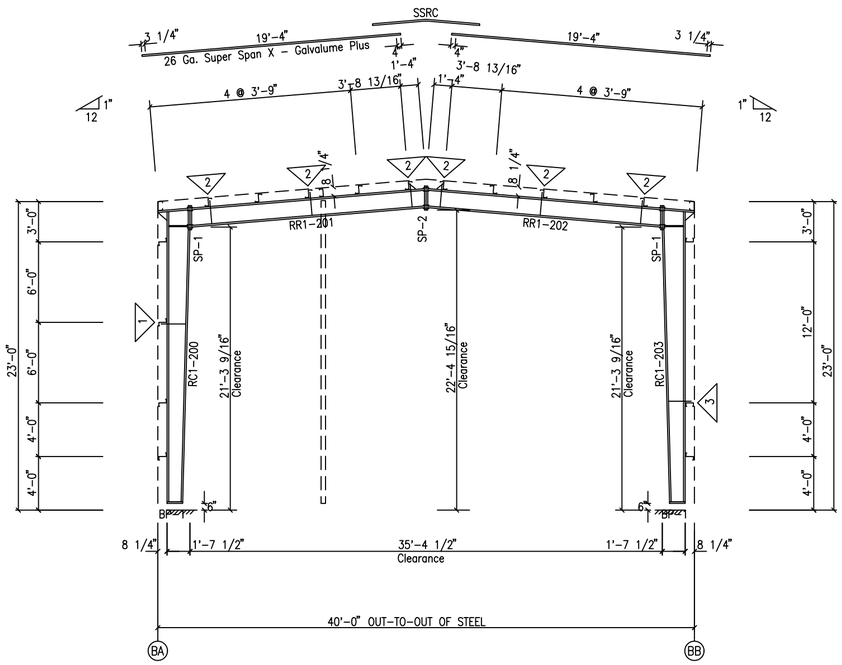


DETAIL @ PANEL END



DETAIL @ RIDGE CAP

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC1–200	11.0/18.8	0.135	239.4	5 x 1/4" x 237.8	5 x 1/4" x 221.0
	18.8/19.0	0.135	24.0	5 x 1/4" x 24.0	5 x 1/4" x 24.0
				6 x 1/4" x 27.6	
RR1–201	14.0/14.0	0.135	213.0	5 x 1/4" x 211.8	5 x 1/4" x 211.8
RR1–202	14.0/14.0	0.135	213.0	5 x 1/4" x 211.8	5 x 1/4" x 211.8
RC1–203	19.0/18.8	0.135	24.0	6 x 1/4" x 27.6	5 x 1/4" x 24.0
	18.8/11.0	0.135	239.4	5 x 1/4" x 24.0	5 x 1/4" x 221.0
				5 x 1/4" x 237.8	



RIGID FRAME ELEVATION: FRAME LINE B4

BLDG. "C"

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

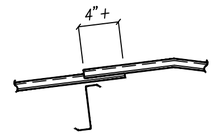
SHEET DESCRIPTION: RIGID FRAME ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: P6	ISSUE: A1

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

FLANGE BRACE TABLE A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16 FRAME LINE: B3 B2						
▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB200A	2'–5 3/8"	2'–4"	G25	AK222
2	1	FB205A	2'–9 3/4"	2'–4"		
3	1	FB203A	2'–7 7/8"	2'–4"		
4	1	FB201A	2'–6 3/8"	2'–4"		

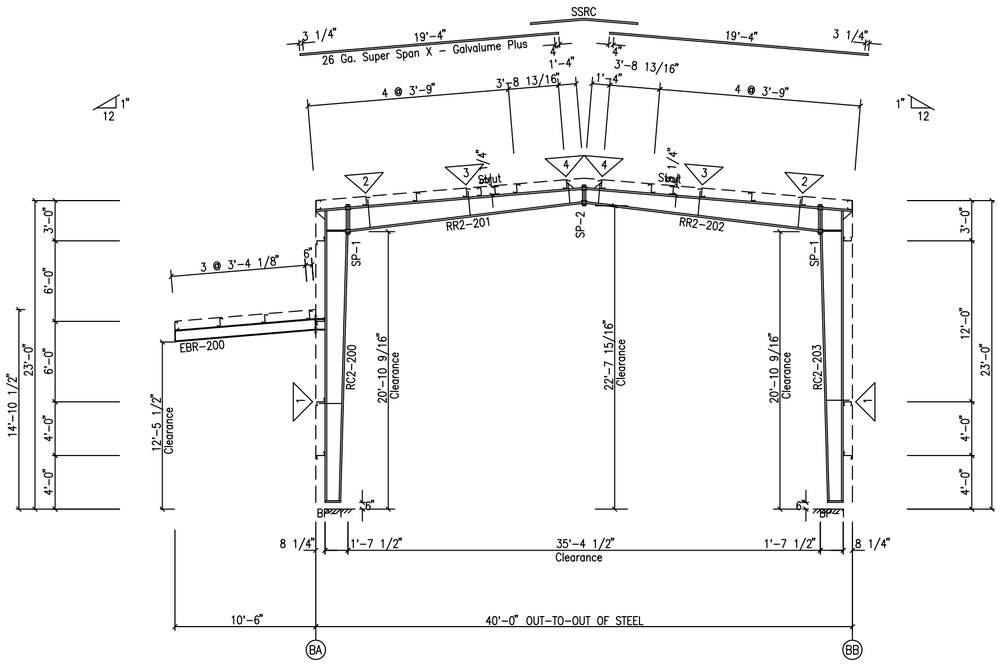
BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	11 1/2"

DETAIL @ PANEL END



DETAIL @ RIDGE CAP

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC2–200	11.0/19.0	0.135	239.8	6 x 1/4" x 237.7	6 x 1/4" x 239.9
	19.0/19.0	0.161	23.5	6 x 1/4" x 24.0	
				6 x 1/4" x 27.6	
RR2–201	19.0/11.0	0.135	213.4	5 x 1/4" x 211.8	5 x 1/4" x 212.6
RR2–202	11.0/19.0	0.135	213.4	5 x 1/4" x 211.8	5 x 1/4" x 212.6
RC2–203	19.0/19.0	0.161	23.5	6 x 1/4" x 27.6	6 x 1/4" x 239.9
	19.0/11.0	0.135	239.8	6 x 1/4" x 24.0	
				6 x 1/4" x 237.7	
EBR–200	W10X22				



RIGID FRAME ELEVATION: FRAME LINE B2 B3

BLDG. "C"

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PROFESSIONAL ENGINEER
08/15/2025

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ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

BOLT TIGHTENING (Snug–Tight)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as Snug–Tightened Joints in accordance with the Specification of Structural Joints Using High–Strength Bolts, June 11, 2020, installation as given in Section 7.1 Washers are not required for Snug–Tightened Joints using standard standard size holes per Section 6.1 of the Specification
Pretensioning methods, including Turn–of–Nut, calibrated wrench, twist–off tension control bolts or direct tension indicator are not required. Installation inspection requirements for Snug–Tight Bolt is found in Section 9.1 of the Specification.

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

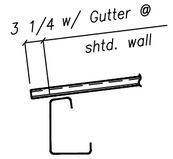
SHEET DESCRIPTION: RIGID FRAME ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: P7	ISSUE: A1

SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP–1	4	4	0	A325	3/4"	2"	6"	1/2"	1'–11"
SP–2	4	4	0	A325	3/4"	1 3/4"	6"	3/8"	1'–11"

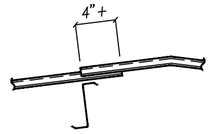
FLANGE BRACE TABLE
A=L2x2x14GA B=L2x2x12GA C=L2x2x1/8 D=L3x3x3/16
FRAME LINE: B1

▽ ID	# SIDES	MARK	LENGTH	OFFSET	DETAIL	CLIP
1	1	FB202A	2'–7 1/2"	2'–4"		
2	1	FB200A	2'–5 3/8"	2'–4"	G25	AK222

BASE PLATE TABLE			
Col Mark	Plate Size Width	Thick	Length
BP–1	8"	1/2"	11 1/2"

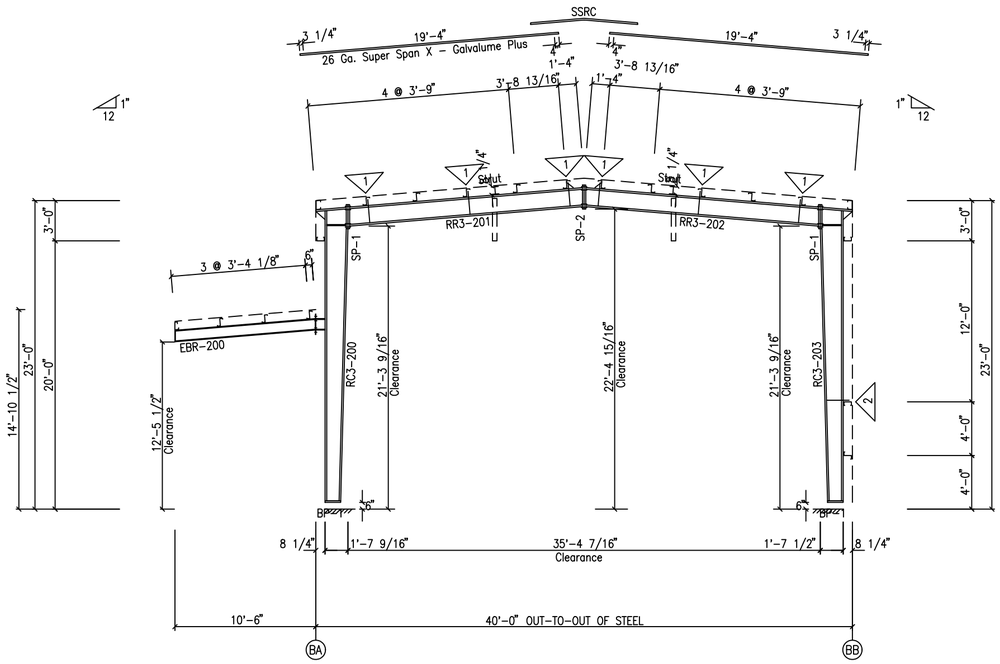


DETAIL @ PANEL END



DETAIL @ RIDGE CAP

MEMBER TABLE					
Mark	Web Depth Start/End	Web Plate Thick	Web Plate Length	Outside Flange W x Thk x Length	Inside Flange W x Thk x Length
RC3–200	11.0/14.9	0.135	120.0	6 x 1/4" x 120.0	6 x 1/4" x 120.1
	14.9/19.0	0.164	143.3	6 x 5/16" x 141.7	6 x 5/16" x 124.8
				6 x 1/4" x 27.6	
RR3–201	14.0/14.0	0.135	213.0	5 x 1/4" x 211.8	5 x 1/4" x 211.8
RR3–202	14.0/14.0	0.135	213.0	5 x 1/4" x 211.8	5 x 1/4" x 211.8
RC3–203	19.0/19.0	0.164	18.5	6 x 1/4" x 27.6	5 x 1/4" x 24.0
	19.0/18.2	0.135	24.0	5 x 1/4" x 24.0	5 x 1/4" x 220.9
	18.2/11.0	0.135	220.8	5 x 1/4" x 237.7	
EBR–200	W10X22				



RIGID FRAME ELEVATION: FRAME LINE B1
BLDG. "C"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

BOLT TIGHTENING (Snug–Tight)

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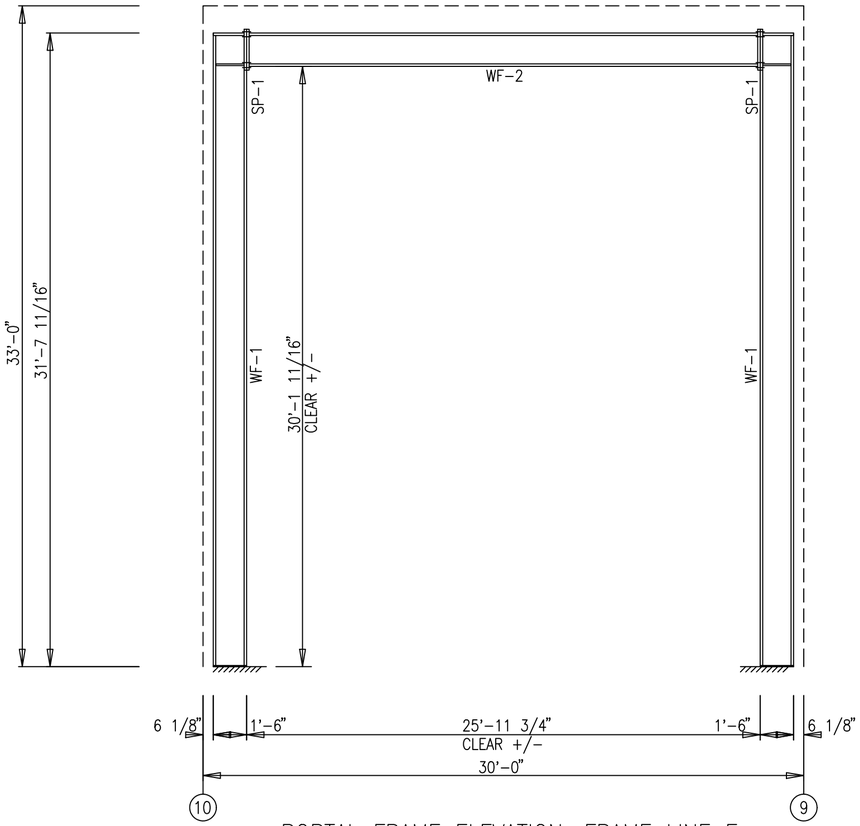
SPLICE BOLTS					
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length
SP- 1	4	4	A325	1.250	3.00

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W18083	25'-11 1/4"
WF-1	W18283	31'-7 11/16"

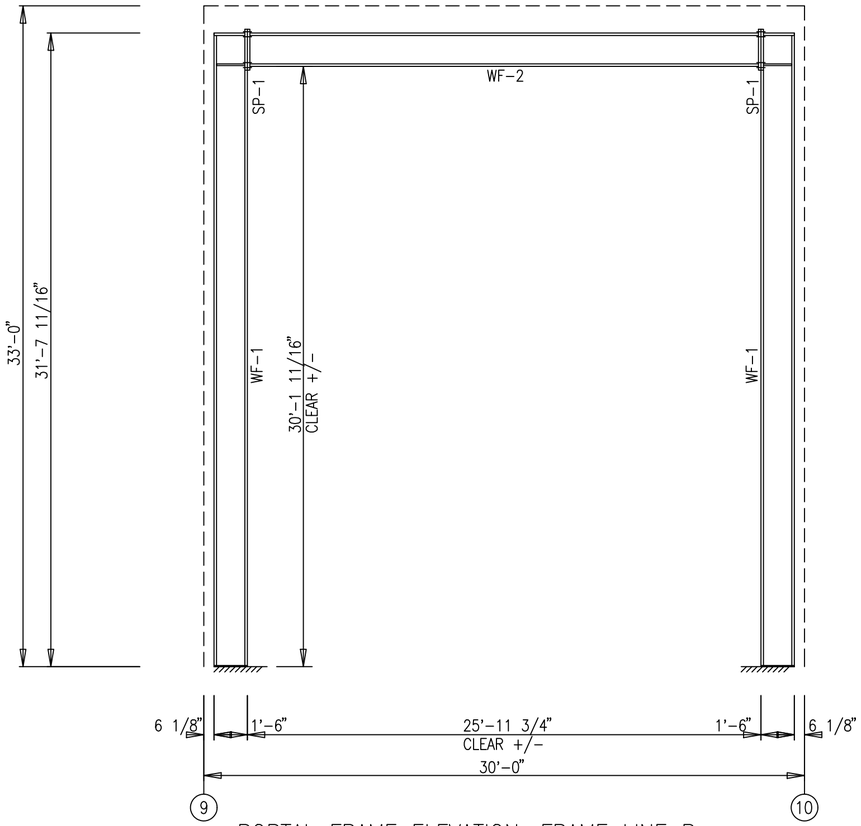


PORTAL FRAME ELEVATION: FRAME LINE F

BLDG. "A"

SPLICE BOLTS					
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length
SP- 1	4	4	A325	1.250	3.00

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	W18083	25'-11 1/4"
WF-1	W18283	31'-7 11/16"



PORTAL FRAME ELEVATION: FRAME LINE B

BLDG. "A"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

BOLT TIGHTENING (Pretensioned)

All bolted joints with ASTM F3125 Grade A325 bolts are specified as pretensioned joints in accordance with the Specification for Structural Joints Using High-Strength Bolts, June 11, 2020. The specification recognizes five pretensioning methods without preference to any one; (1) Turn-of-Nut, (2) Calibrated Wrench, (3) Twist-Off Tension Control, (4) Direct tension Indicator, and (5) Combined Method.

The metal building manufacturer recommends the use of Turn-of-Nut method as it requires no special bolts, washers, or installation tools. When standard size holes are used with Turn-of-Nut method, and the nut is the part rotated, no washers are required per Section 6.2 of the Specification. The requirements of the Specification, Section 7 shall be completed before joint assembly.

Excerpts from the Specification, Section 8.2.1:
After the Snug-Tight operation has been performed, the nut rotation as specified in Table 8.1 shall be applied to all bolts in the joint, progressing systematically from the most rigid part of the joint in a manner that will minimize relaxation of previously pretensioned bolts.

Installation inspection requirements for Pretensioned joints using Turn-of-Nut method can be found in Section 9.2.1 of the Specification.

USE AK508 CLIP BUT CHANGE BOLTS TO 3/4" DIA. AND ADD 3/8" STIFFENERS TO CLIP. CLIP TO BE LOCATED AT THE TOP OF THE PORTAL FRAME AND AT THE CRANE LONGITUDINAL ANGLE BRACE ELEVATION.

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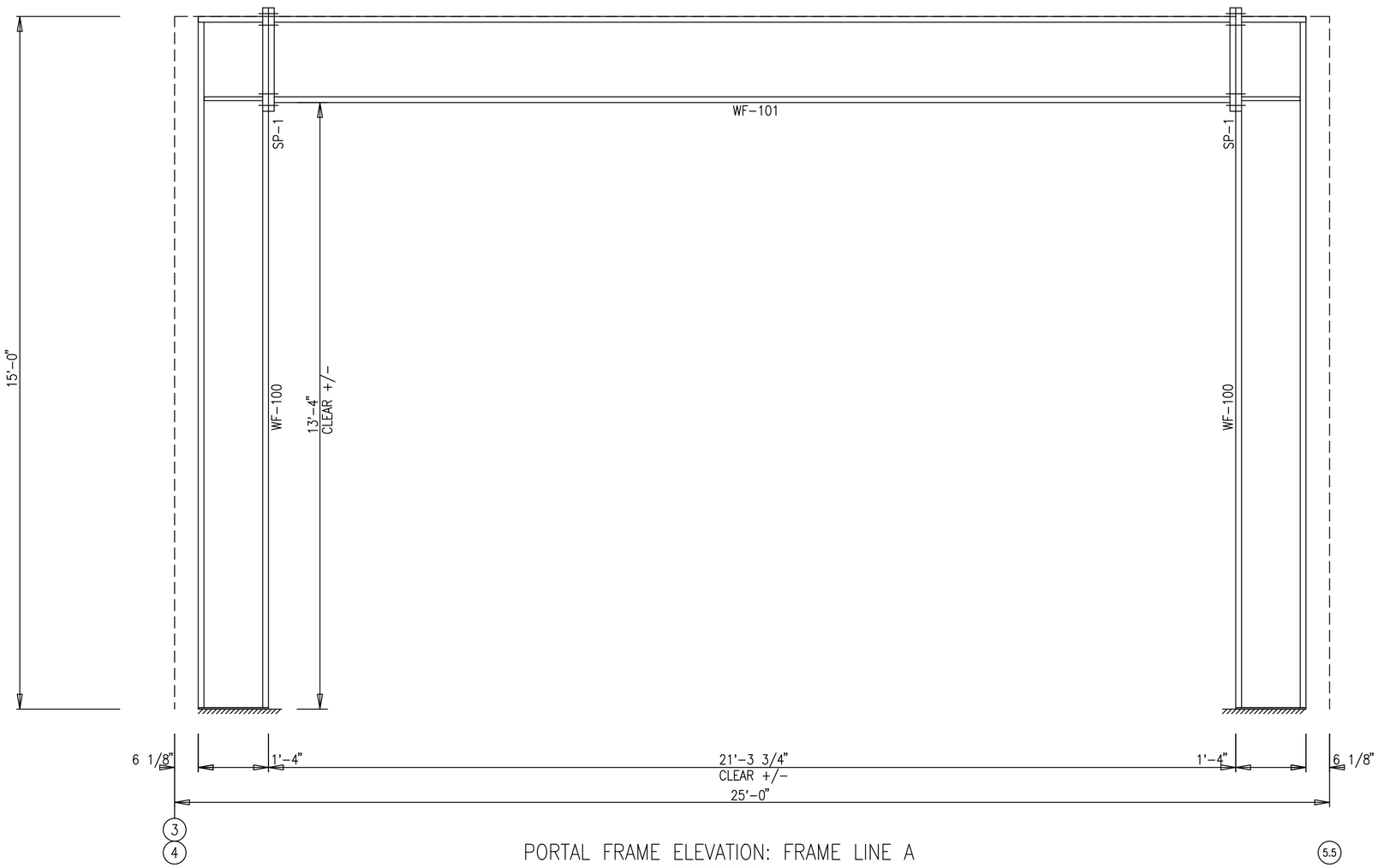
SPLICE BOLTS					
Splice Mark	Quan Top/	Bot	-----Bolt----- Type	Dia	Length
SP– 1	4	4	A325	0.750	2.00

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF–101	W20851	21'–3 1/2"
WF–100	W16861	15'–0"



PORTAL FRAME ELEVATION: FRAME LINE A

BLDG. "B"

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BOLT TIGHTENING (Snug–Tight)

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SPLICE BOLTS					
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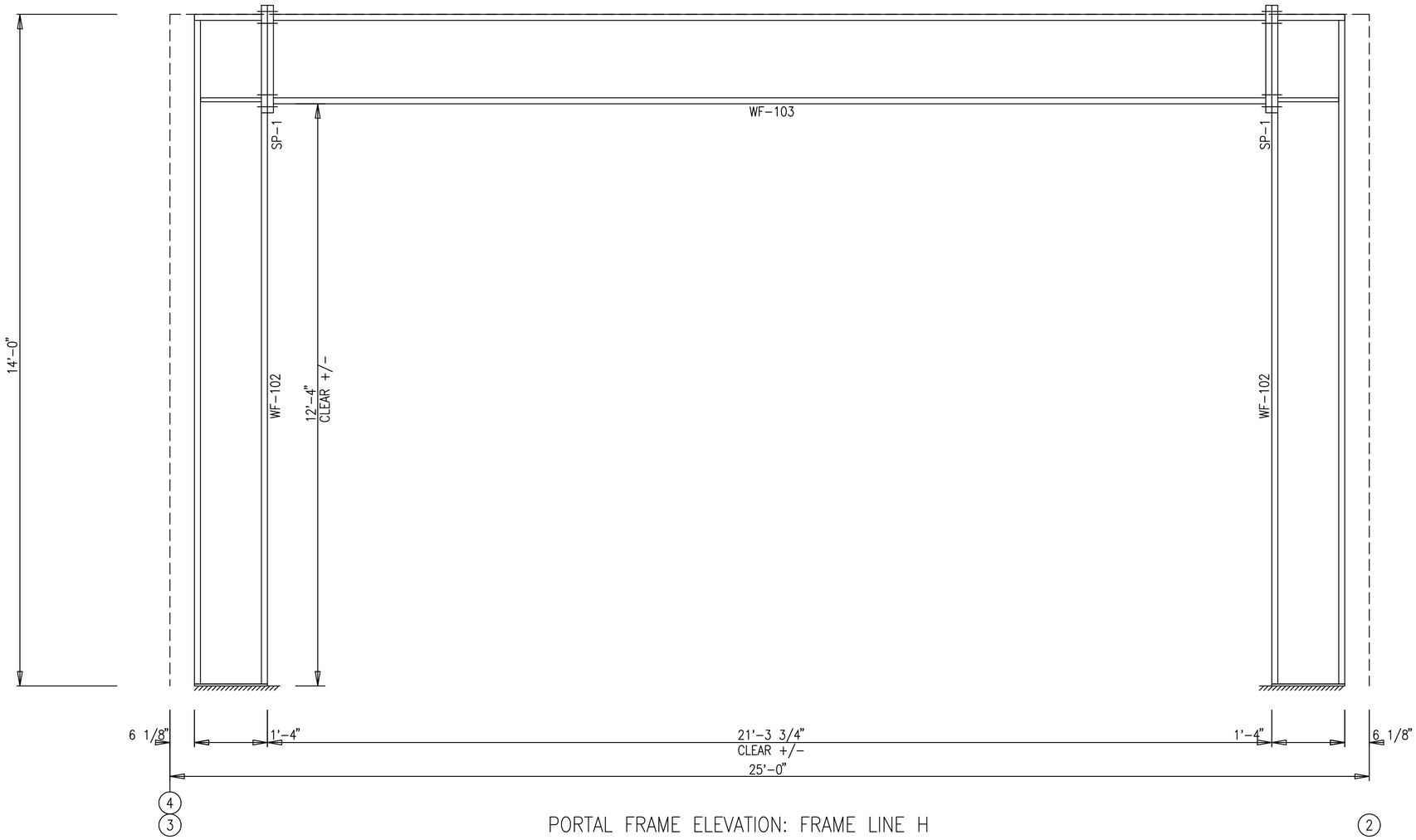
SP- 1	4	4	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-103	W20851	21'-3 1/4"
WF-102	W16861	14'-0"



PORTAL FRAME ELEVATION: FRAME LINE H

BLDG. "B"

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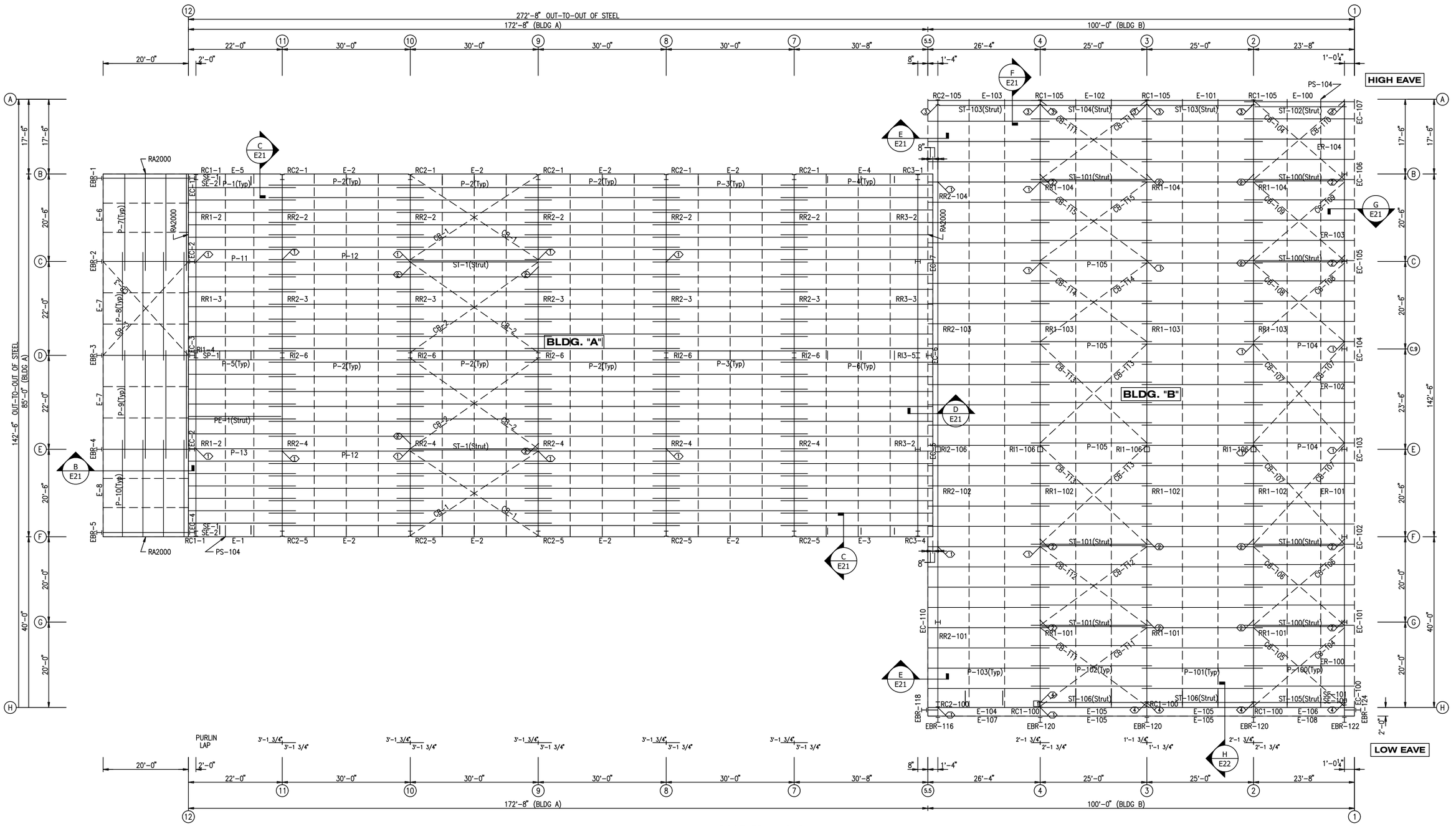
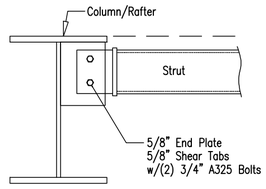


ROOF FRAMING PLAN

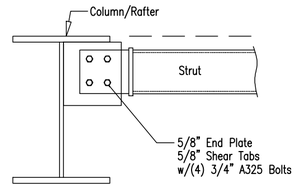
SEE "E2" DWG FOR BUILDING "C" ROOF PLAN & MEMBER TABLE

ADD NOTE: ALL PRIMARY FRAMING BOLTS IN BUILDING A ARE TURN OF NUT.

ACCESSORIES			WALKDOORS AND WINDOWS				FRAMED OPENINGS				
MK	QTY	SKYLIGHT/WALL LIGHT DESCRIPTION – COLOR	MK.	QTY.	FINISH	DESCRIPTION	MK.	QTY.	WIDTH	HEIGHT	OPENING FOR:
I	131	Super Span ❷ 5'-4" Wall Light	.	.	.	.	A	13	3'-4 1/2"	7'-2 1/4"	DOOR NOT BY MBP
.	.	.	.	.	.	.	B	2	3'-6"	9'-0"	WINDOWS NOT BY MBP
.	.	.	.	.	.	.	C	1	10'-0"	9'-0"	GLASS NOT BY MBP
MK	QTY	VENTILATORS	.	.	.	.	D	2	1'-6'	1'-0"	LOUVER NOT BY MBP
.	.	.	.	.	.	.	E	5	3'-0"	3'-0"	LOUVER NOT BY MBP
.	.	.	.	.	.	.	F	2	14'-0"	18'-0"	ROLL UP DOOR NOT BY MBP
MK	QTY	LOUVERS	.	.	.	.	G	10	18'-0"	18'-0"	ROLL UP DOOR NOT BY MBP
.	.	.	.	.	.	.	H	5	2'-0"	2'-0"	LOUVER NOT BY MBP
.	.	.	.	.	.	.	J	6	4'-0"	5'-0"	WINDOWS NOT BY MBP
.	.	.	.	.	.	.	K	3	3'-0"	2'-0"	LOUVER NOT BY MBP
.	.	.	.	.	.	.	L	1	10'-0"	10'-0"	ROLL UP DOOR NOT BY MBP
.	.	.	.	.	.	.	M	1	6'-0"	2'-0"	LOUVER NOT BY MBP
.	.	.	.	.	.	.	N	1	8'-0"	10'-0"	OVERHEAD DOOR NOT BY MBP
.	.	.	.	.	.	.	.	.	.	.	.



PIPE STRUT CONNECTION
BLDG. "A"



PIPE STRUT CONNECTION
BLDG. "B"

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: ROOF FRAMING PLAN					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E1	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

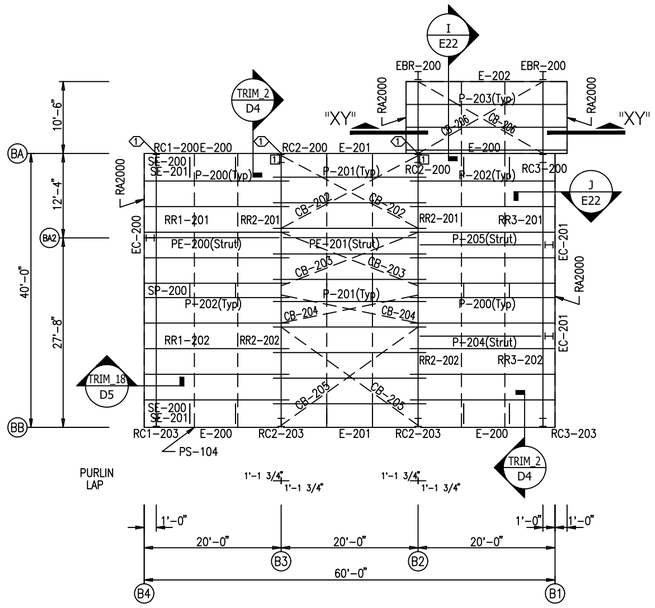
EXTENSION/CANOPY BOLTS ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EBR-1	8	A325	5/8"	1 3/4"
EBR-2	8	A325	3/4"	2"
EBR-3	8	A325	3/4"	2 1/4"
EBR-4	8	A325	3/4"	2"
EBR-5	8	A325	5/8"	1 3/4"
EBR-11	6	A325	3/4"	2 1/4"
EBR-11	6	A325	5/8"	1 3/4"
EBR-12	6	A325	1"	2 1/2"
EBR-12	6	A325	5/8"	2"
EBR-12	6	A325	5/8"	1 3/4"
EBR-20	8	A325	5/8"	1 3/4"

SPECIAL BOLTS ROOF PLAN					
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0
2	2	A325	5/8"	1 3/4"	0
3	4	A325	5/8"	1 3/4"	0
4	2	A325	3/4"	1 3/4"	0

MEMBER TABLE ROOF PLAN	
MARK	PART
BUILDING A	
EBR-1	BEAM
EBR-2	BEAM
EBR-3	BEAM
EBR-4	BEAM
EBR-5	BEAM
PE-1	10HES141
P-1	10X25Z16
P-2	10X25Z16
P-3	10X25Z12
P-4	10X25Z12
P-5	10X25Z16
P-6	10X25Z12
P-7	8X25Z16
P-8	8X25Z16
P-9	8X25Z16
P-10	8X25Z16
P-11	10X25Z14
P-12	10X25Z14
P-13	10X25Z14
E-1	10ES141
E-2	10ES141
E-3	10ES141
E-4	10ES141
E-5	10ES141
E-6	8ES141
E-7	8ES141
E-8	8ES141
ST-1	P0556258
CB-1	1.00_ROD
CB-2	0.50_ROD
CB-3	0.63_ROD
SP-1	6X25C14
SE-1	M-1-1
SE-2	M-1-1
BUILDING C	
EBR-200	W10X22
PE-200	8ES141
PE-201	8ES141
P-200	8X25Z14
P-201	8X25Z14
P-202	8X25Z14
P-203	8X35Z16
P-204	W8X18
P-205	W8X18
E-200	8ES141
E-201	8ES141
E-202	8ES141
CB-202	0.50_ROD
CB-203	0.50_ROD
CB-204	0.50_ROD
CB-205	0.50_ROD
CB-206	0.50_ROD
SP-200	6X25C14
SE-200	M-1-1
SE-201	M-1-1

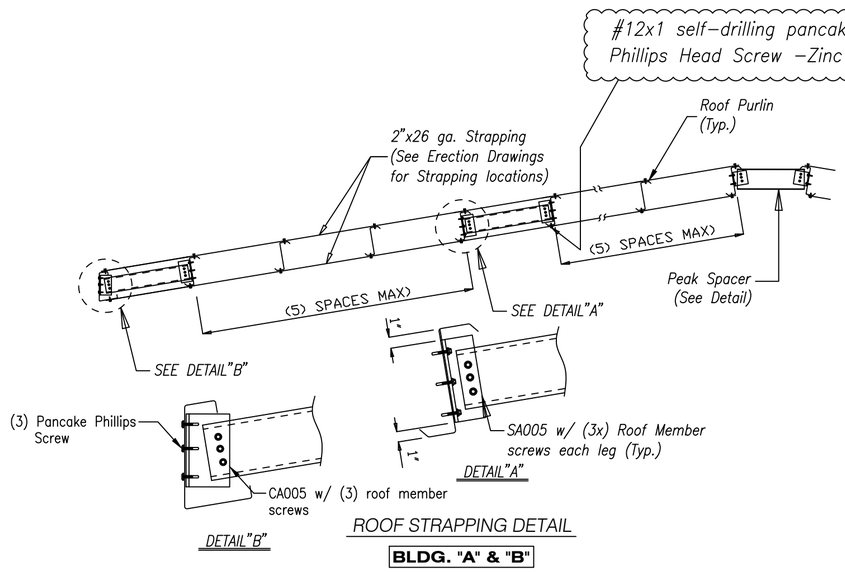
MEMBER TABLE ROOF PLAN	
MARK	PART
BUILDING B	
EBR-116	W10X12
EBR-118	W10X12
EBR-120	W10X22
EBR-122	W10X12
EBR-124	W10X12
P-100	10X25Z14
P-101	10X25Z14
P-102	10X25Z14
P-103	10X25Z12
P-104	10X25Z12
P-105	10X25Z12
E-100	10X25Z16
E-101	10X25Z16
E-102	10X25Z16
E-103	10X25Z16
E-104	10ES140
E-105	10ES140
E-106	10ES140
E-107	10ES140
E-108	10ES140
ST-100	P0450237
ST-101	P0450237
ST-102	P0450337
ST-103	P0556258
ST-104	P0556375
ST-105	P0556258
ST-106	P0556258
CB-104	1.00_ROD
CB-105	1.00_ROD
CB-106	1.00_ROD
CB-107	0.50_ROD
CB-108	0.63_ROD
CB-109	0.75_ROD
CB-110	1.00_ROD
CB-111	1.00_ROD
CB-112	1.00_ROD
CB-113	0.50_ROD
CB-114	0.63_ROD
CB-115	0.75_ROD
SE-100	M-1-1
SE-101	M-1-1

CONNECTION PLATES ROOF PLAN	
☐ ID	MARK/PART
1	AK106



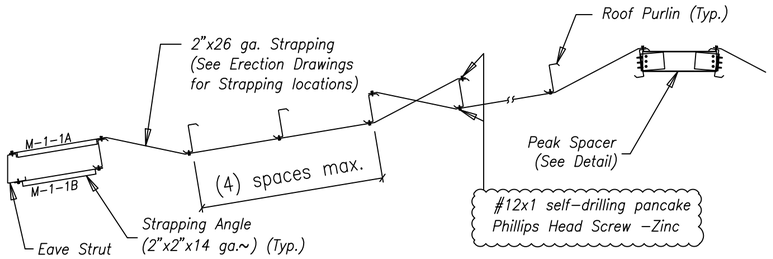
ROOF FRAMING PLAN

BLDG. "C"



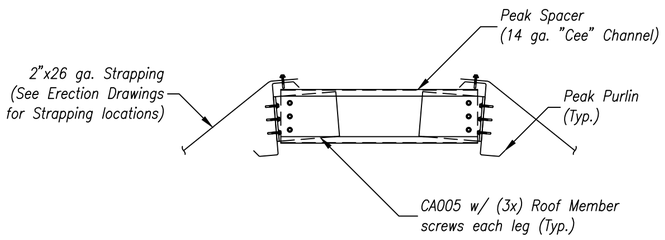
ROOF STRAPPING DETAIL

BLDG. "A" & "B"



ROOF STRAPPING DETAIL

BLDG. "C"



PEAK SPACER ATTACHMENT DETAIL

3/8" BACK UP PLATES REQUIRED AT RODS 3/4" OR GREATER ATTACHING TO WEBS 3/16" THICK OR LESS

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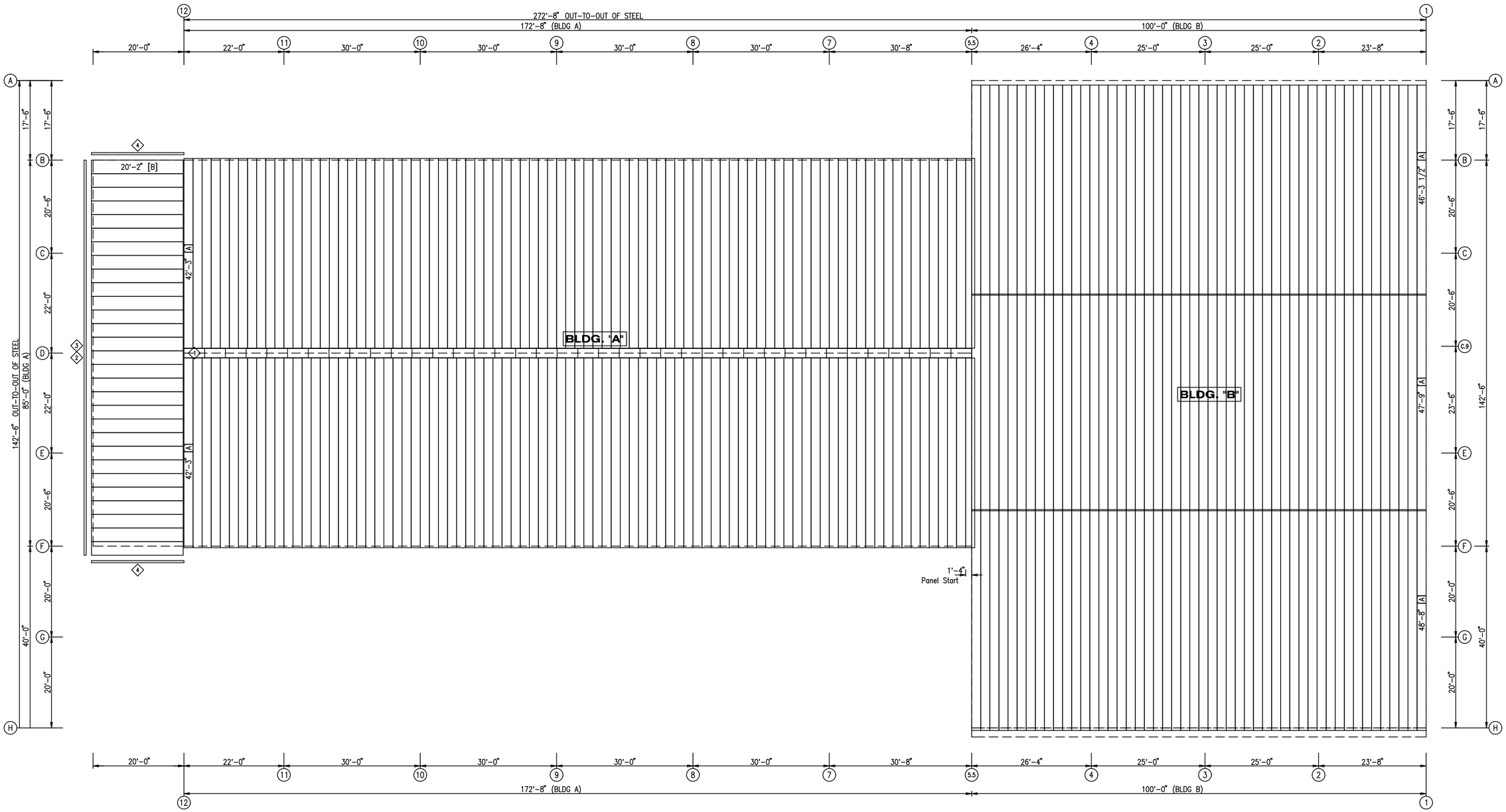
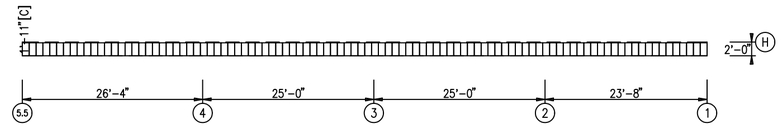
DOWNSPOUT LOCATIONS

ROOF SHEETING TRIM TABLE			
◇ID	PART	LENGTH	QTY
1	RC-51_	10'-3"	17
2	ET-10_	10'-3"	2
3	ET-10_	20'-3"	4
4	RT-101	20'-3"	2
5	SSRC30	3'-0"	20
6	RT-101	15'-3"	2
7	ET-10_	15'-3"	1



ROOF SHEETING PLAN

[A] PANELS: 24 Ga. Super Seam Plus – Cool White
[B] PANELS: 26 Ga. Super Span X – Need Color



FASCIA SOFFIT PLAN

[C] PANELS: 24 Ga. Flat 12-R – Need Color

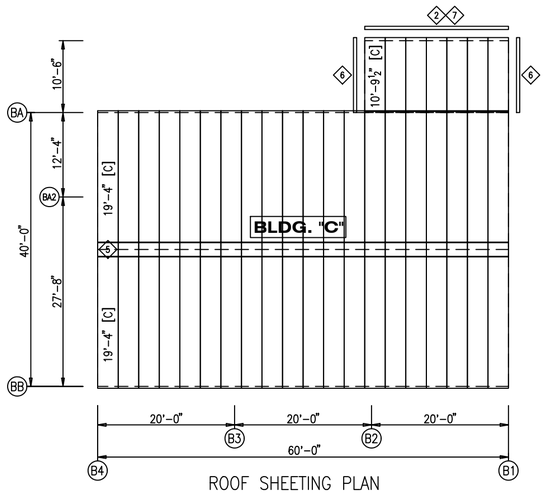
BLDG. "B"

BLDG. "A" & "C"

PROVIDE 8X8 GUTTER WITH 5X5 DOWNSPOUT. DOWNSPOUTS LOCATED AT EACH FRAME LINE

BLDG. "B"

NOTE: DOWNSPOUTS BY OTHERS TO BE LOCATED AT EACH FRAME LINE AND MUST HAVE A MINIMUM CROSS SECTIONAL AREA OF 36 SQ IN.



ROOF SHEETING PLAN

[C] PANELS: 26 Ga. Super Span X – Galvalume Plus

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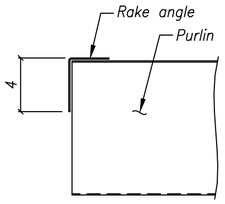
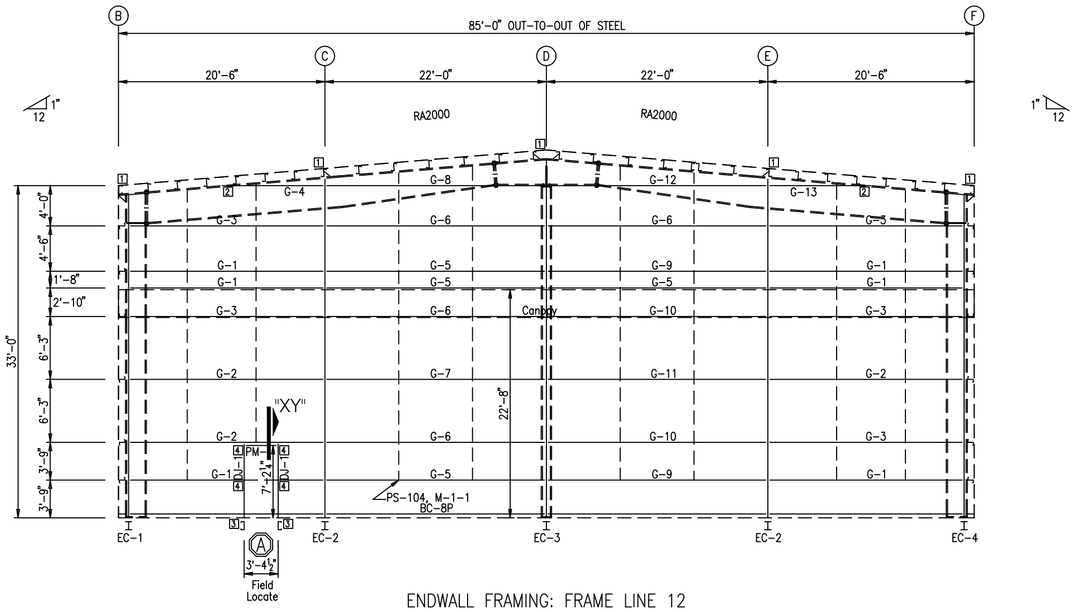
CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

DOWNSPOUT LOCATIONS

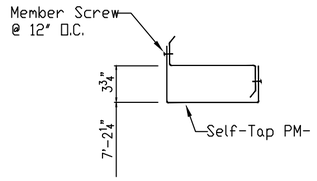


Detail at Rake Angle



ENDWALL FRAMING: FRAME LINE 12

BLDG. "A"



SECTION"XY"

BOLT TABLE
FRAME LINE 12

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	8	A325	5/8"	1 1/2"

TRIM TABLE
FRAME LINE 12

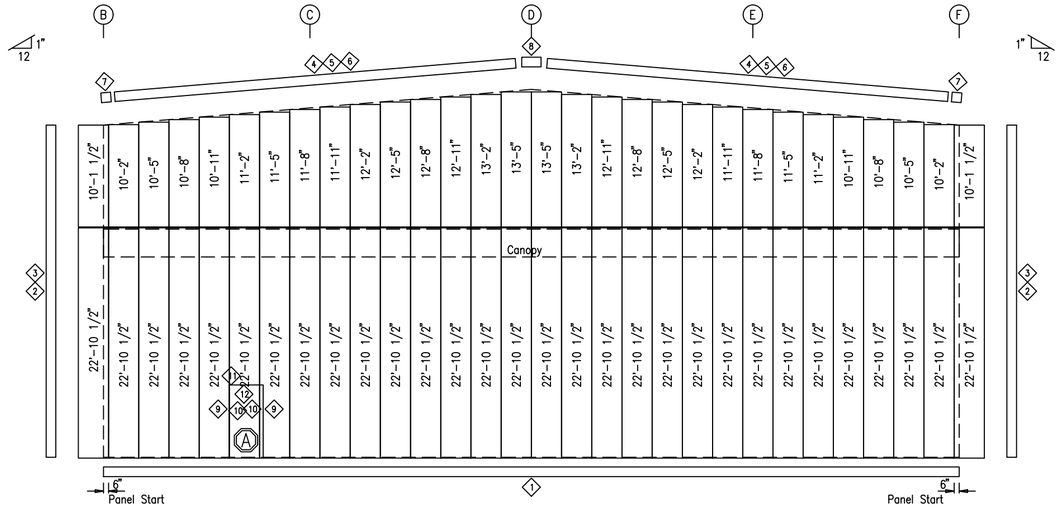
◇ID	MARK	LENGTH	DETAIL
1	BT-101	10'-3"	
2	CT-102	16'-0"	TRIM_203
3	CT-102	18'-0"	TRIM_203
4	RT-540	15'-3"	
5	RS-501	10'-3"	
6	RT-509	15'-3"	
7	RT-508	9"	
8	SSPB_	8"	
9	MT-116	7'-3"	
10	FL-22	7'-6"	TRIM_64
11	MT-116	3'-5"	
12	HT-101	3'-9"	TRIM_65

MEMBER TABLE
FRAME LINE 12

MARK	PART
EC-1	W12661
EC-2	W12803
EC-3	W12803
EC-4	W12661
DJ-1	8X25C14
DH-1	8X25C14
G-1	8X25Z16
G-2	8X25Z12
G-3	8X25Z14
G-4	8X25Z16
G-5	8X25Z16
G-6	8X35Z14
G-7	8X35Z12
G-8	8X25Z14
G-9	8X25Z16
G-10	8X35Z14
G-11	8X35Z12
G-12	8X25Z14
G-13	8X25Z16

CONNECTION PLATES
FRAME LINE 12

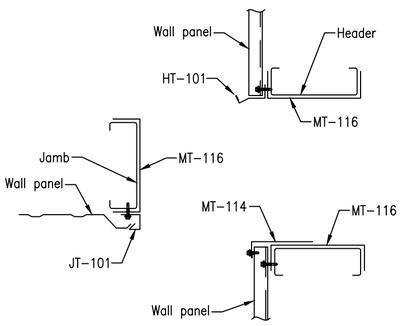
□ID	MARK/PART
1	n1
2	d1
3	AK401
4	AK200
5	AB201



ENDWALL SHEETING & TRIM: FRAME LINE 12

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "A"



DETAILS AT FRAMED OPENINGS

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt AK400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

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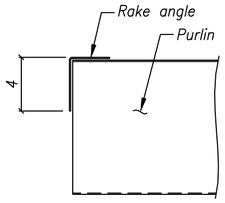
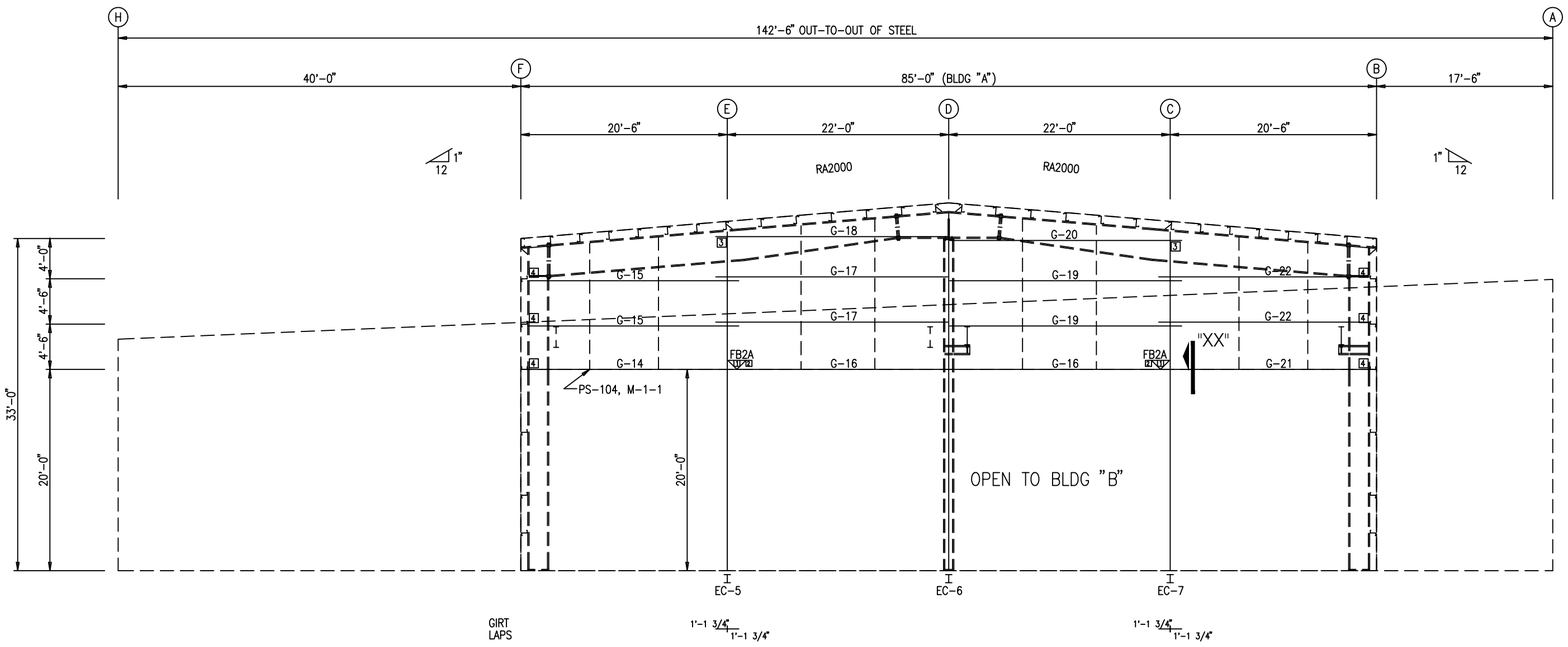
DOWNSPOUT LOCATIONS



Detail at Rake Angle



ENDWALL FRAMING: FRAME LINE 5.5

BLDG. "A"

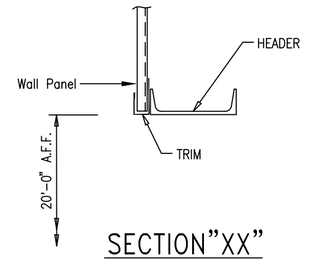
BOLT TABLE FRAME LINE 5.5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"

TRIM TABLE FRAME LINE 5.5			
◇ID	MARK	LENGTH	DETAIL
1	TT6224	10'-3"	
2	TT6234	20'-2"	
3	TT6234	10'-3"	
4	CT-102	14'-0"	TRIM_203
5	CT-102	20'-3"	TRIM_203
6	MT-112	20'-3"	
7	RT-540	15'-3"	
8	RS-501	10'-3"	
9	RT-509	15'-3"	
10	RT-508	9"	
11	SSPB_	8"	

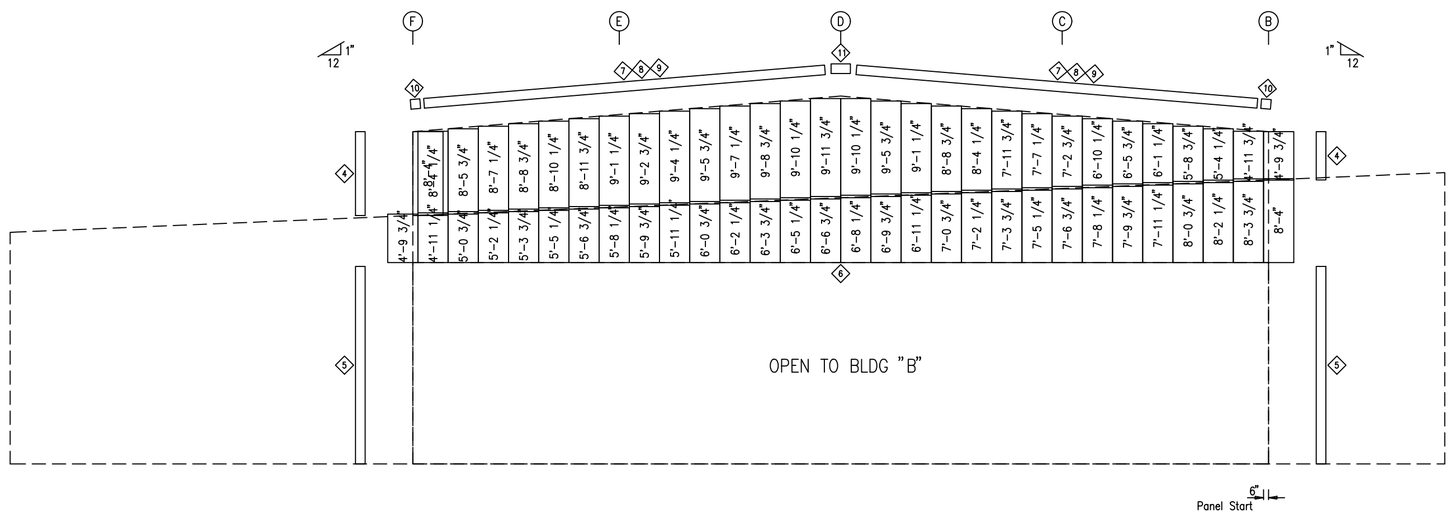
FLANGE BRACE TABLE FRAME LINE 5.5		
▽ID	MARK	LENGTH
1	FB2A	2'-4 1/8"
2	FB1A	2'-2 1/4"

CONNECTION PLATES FRAME LINE 5.5	
□ID	MARK/PART
1	AK226
2	AK230
3	d2
4	AK244

MEMBER TABLE FRAME LINE 5.5	
MARK	PART
EC-5	W16841
EC-6	W10863
EC-7	W16841
G-14	C8X11.5
G-15	8X25Z16
G-16	C8X11.5
G-17	8X25Z16
G-18	8X35Z16
G-19	8X25Z16
G-20	8X35Z16
G-21	C8X11.5
G-22	8X25Z16



SECTION"XX"



ENDWALL SHEETING & TRIM: FRAME LINE 5.5

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "A"

GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt AK400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

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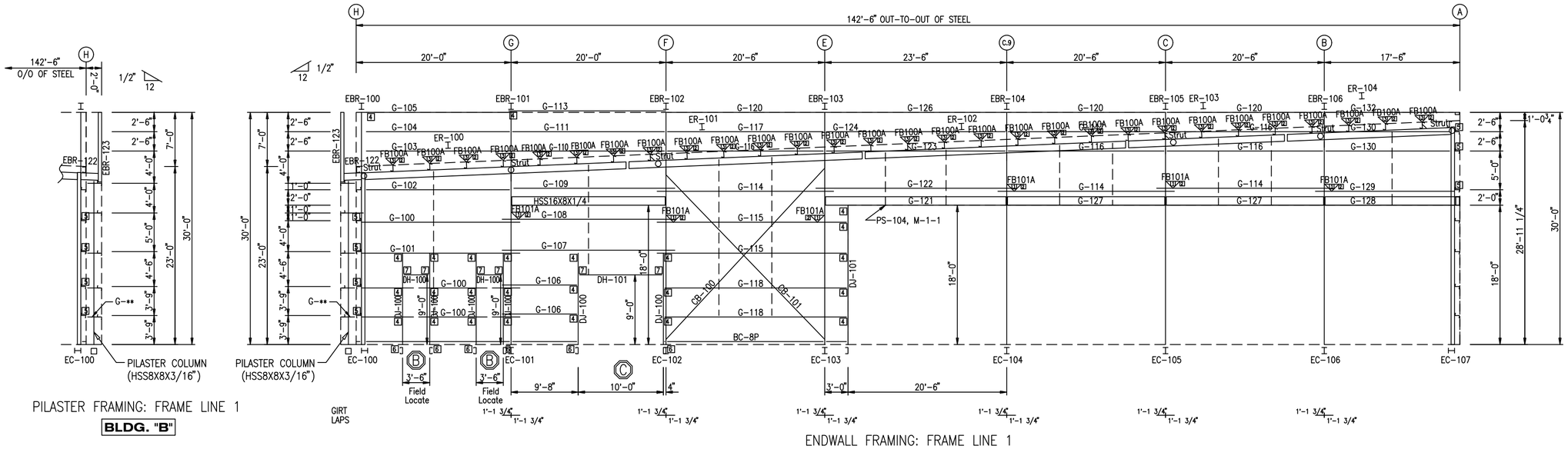
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E5	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

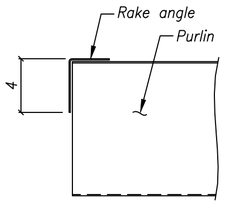


PILASTER FRAMING: FRAME LINE 1

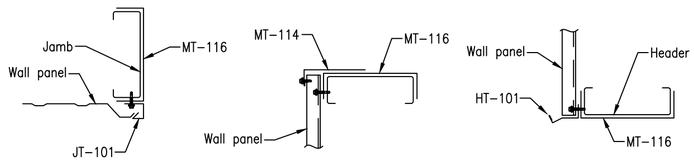
BLDG. "B"

ENDWALL FRAMING: FRAME LINE 1

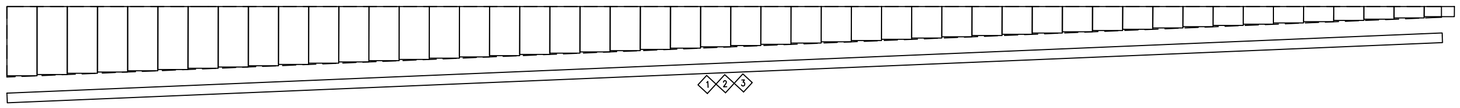
BLDG. "B"



Detail at Rake Angle



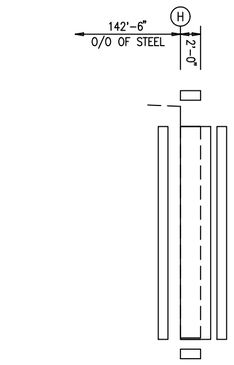
DETAILS AT FRAMED OPENINGS



PARAPET BACK SHEETING & TRIM: LINE 1

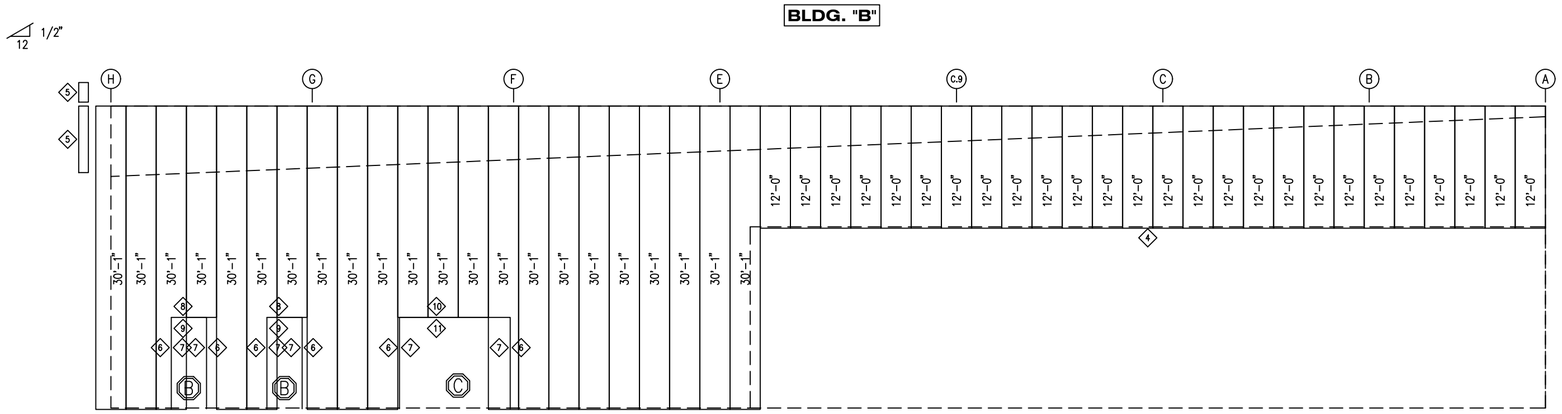
PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "B"



PILASTER SHEETING & TRIM: FRAME LINE 1

BLDG. "B"



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: Berridge 24 Ga. Deep Deck – NEED COLOR

BLDG. "B"

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-107/ER-104	4	A325	5/8"	1 1/2"
ER-100/ER-101	8	A325	5/8"	2"
ER-101/ER-102	8	A325	5/8"	2"
ER-102/ER-103	8	A325	5/8"	2"
ER-103/ER-104	8	A325	5/8"	2"
EC-100/ER-100	4	A325	5/8"	2"
Int_Column/Raf	4	A325	5/8"	1 1/2"
EBR-100	4	A325	5/8"	1 1/2"
EBR-101	4	A325	5/8"	1 1/2"
EBR-102	4	A325	5/8"	1 1/2"
EBR-103	4	A325	5/8"	1 1/2"
EBR-104	4	A325	5/8"	1 1/2"
EBR-105	4	A325	5/8"	1 1/2"
EBR-106	4	A325	5/8"	1 1/2"

TRIM TABLE FRAME LINE 1			
◇ID	MARK	LENGTH	DETAIL
1	TT6234	10'-3"	
2	TT6224	10'-3"	
3	TT6234	20'-2"	
4	MT-112	20'-3"	
5	CT-102	10'-3"	TRIM_203
6	MT-116	9'-0"	
7	FL-22	9'-4"	
8	MT-116	3'-6"	
9	HT-101	3'-10"	TRIM_178
10	MT-116	11'-0"	
11	HT-101	11'-4"	TRIM_178

FLANGE BRACE TABLE FRAME LINE 1		
▽ID	MARK	LENGTH
1	FB100A	2'-1 7/8"
2	FB101A	2'-2 3/4"

MEMBER TABLE FRAME LINE 1	
MARK	PART
G-100	8X25Z16
G-101	8X25Z14
G-102	8X35Z16
G-103	8X25Z12
G-104	8X25Z14
G-105	8X25C16
G-106	8X25Z16
G-107	8X25Z14
G-108	8X25Z16
G-109	8X25Z16
G-110	8X25Z12
G-111	8X35Z14
G-112	8X25C14
G-113	8X25C16
G-114	8X25Z16
G-115	8X25Z16
G-116	8X25Z16
G-117	8X35Z14
G-118	8X25Z16
G-119	8X35C14
G-120	8X25C16
G-121	HSS16X8X1/4
G-122	8X25Z16
G-123	8X35Z14
G-124	8X35Z12
G-125	8X35C12
G-126	8X25C16
G-127	HSS16X8X1/4
G-128	HSS16X8X1/4
G-129	8X25Z16
G-130	8X25Z16
G-131	8X25C16
G-132	8X25C16
CB-100	1.00_ROD w/BackUp ℙ
CB-101	1.00_ROD w/BackUp ℙ

CONNECTION PLATES FRAME LINE 1	
□ID	MARK/PART
1	AK226
2	AK230
3	AK227
4	AK200
5	AK244
6	AK401
7	AB201

MEMBER TABLE FRAME LINE 1	
MARK	PART
EBR-100	W8X13
EBR-101	W8X28
EBR-102	W8X24
EBR-103	W8X24
EBR-104	W8X18
EBR-105	W8X13
EBR-106	W8X10
EBR-122	W10X12
EBR-123	W8X13
EC-100	W12541
EC-101	W12541
EC-102	W12542
EC-103	W12541
EC-104	W12651
EC-105	W12651
EC-106	W12651
EC-107	W12541
ER-100	W8X10
ER-101	W8X10
ER-102	W8X10
ER-103	W8X10
ER-104	W8X10
DJ-100	8X25C14
DJ-101	C8X11.5
DH-100	8X25C14
DH-101	8X25C14

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
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6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
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CUSTOMER: Waukesha-Pearce Industries, LL				CUSTOMER LOCATION: 12320 S. Main Street	
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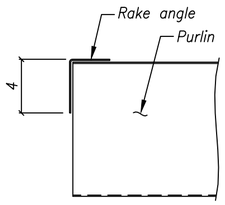
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E6	ISSUE: A1

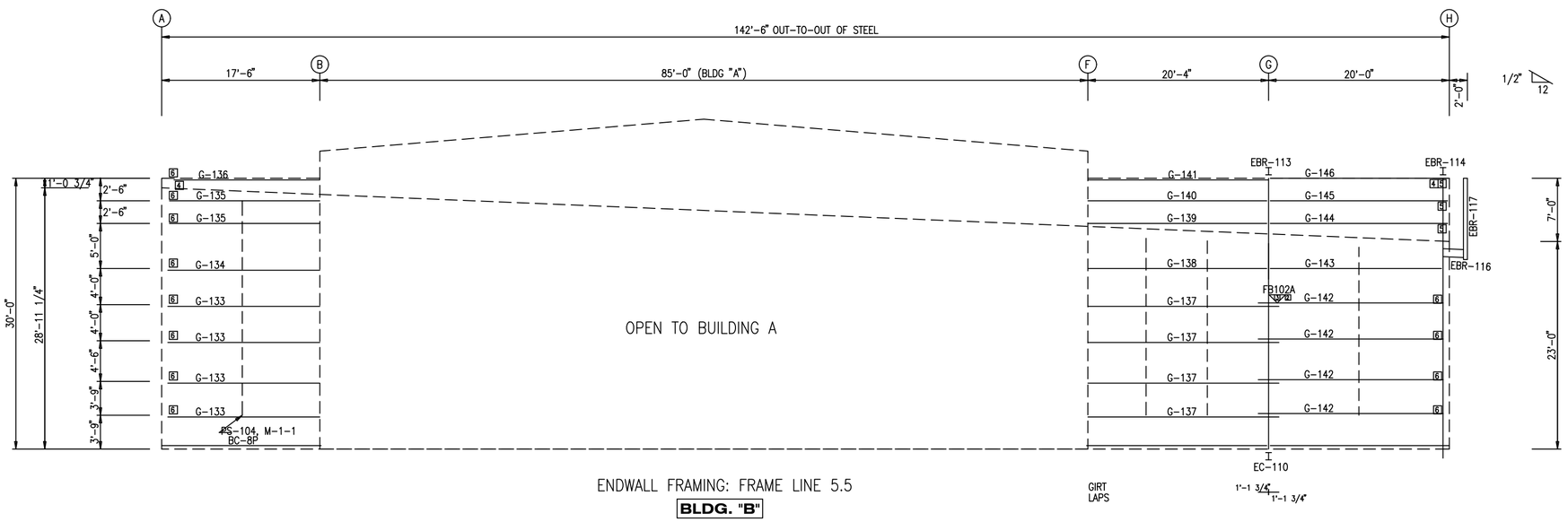
STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER

08/15/2025

DOWNSPOUT LOCATIONS

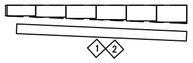


Detail at Rake Angle



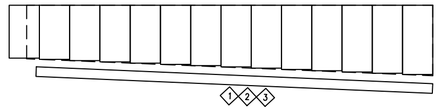
ENDWALL FRAMING: FRAME LINE 5.5

BLDG. "B"



PARAPET BACK SHEETING & TRIM: LINE 5.5

PANELS: 26 Ga. Super Span X – NEED COLOR



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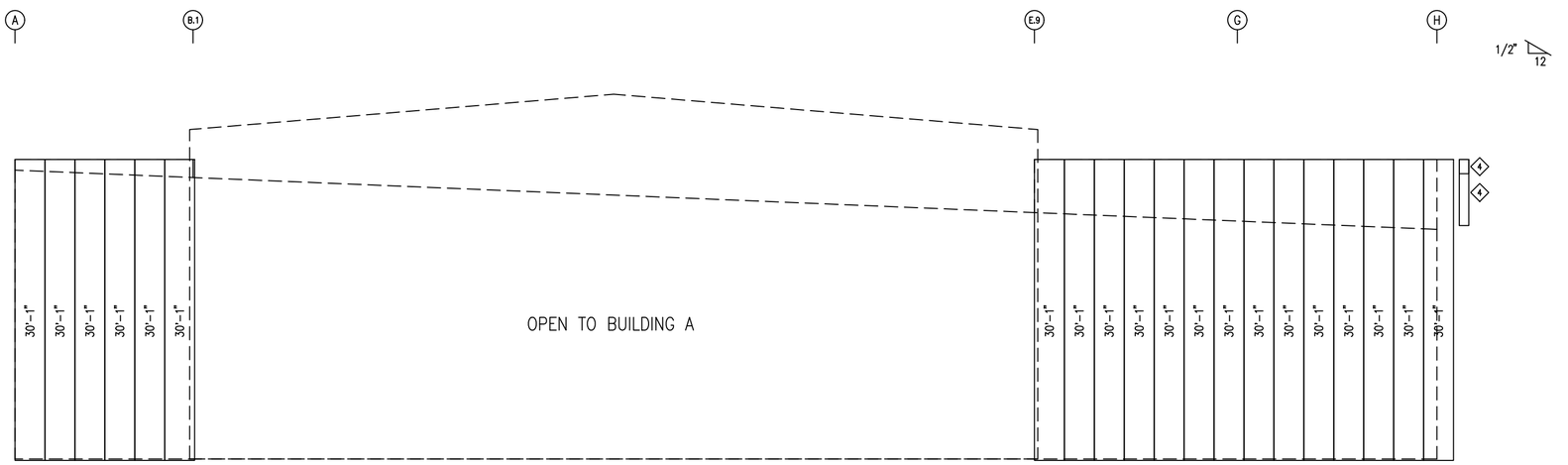

ENDWALL SHEETING & TRIM: FRAME LINE 5.5

PANELS: Berridge 24 Ga. Deep Deck – NEED COLOR

BLDG. "B"

BOLT TABLE
FRAME LINE 5.5

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"
EBR-111	4	A325	5/8"	1 1/2"
EBR-112	4	A325	5/8"	1 1/2"
EBR-113	4	A325	5/8"	1 1/2"
EBR-114	4	A325	5/8"	1 1/2"

TRIM TABLE
FRAME LINE 5.5

◇ID	MARK	LENGTH	DETAIL
1	TT6224	10'-3"	
2	TT6234	20'-2"	
3	TT6234	10'-3"	
4	CT-102	10'-3"	TRIM_203

FLANGE BRACE TABLE
FRAME LINE 5.5

▽ID	MARK	LENGTH
1	FB102A	2'-3 3/8"
2	FB102A	2'-3 3/8"

CONNECTION PLATES
FRAME LINE 5.5

□ID	MARK/PART
1	g103
2	AK230
3	AK226
4	AK200
5	d103
6	AK244

MEMBER TABLE
FRAME LINE 5.5

MARK	PART
EBR-111	W8X10
EBR-112	W8X15
EBR-113	W8X24
EBR-114	W8X10
EBR-116	W10X12
EBR-117	W8X13
EC-108	W14541
EC-109	W14541
EC-110	W14541
G-133	8X25Z16
G-134	8X35Z16
G-135	8X25Z16
G-136	8X25C16
G-137	8X25Z16
G-138	8X25Z14
G-139	8X25Z12
G-140	8X35Z14
G-141	8X25C16
G-142	8X25Z16
G-143	8X35Z16
G-144	8X25Z12
G-145	8X35Z14
G-146	8X25C16

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E7	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

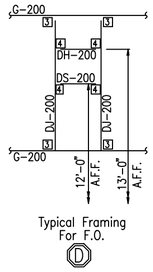
DOWNSPOUT LOCATIONS

BOLT TABLE FRAME LINE B4				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	8	A325	5/8"	1 1/2"

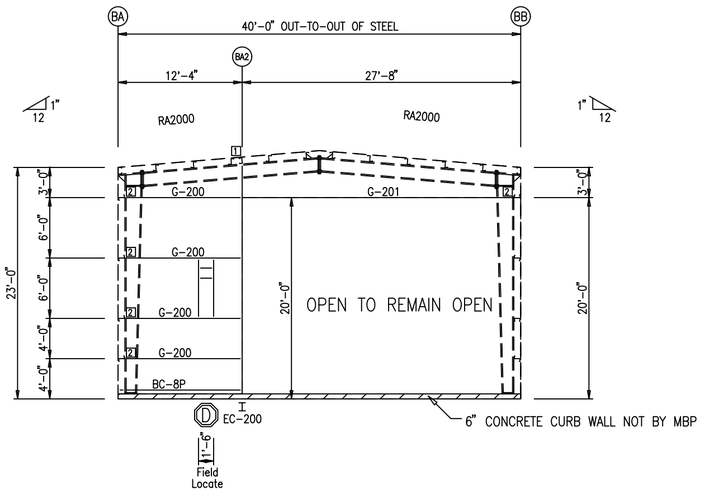
TRIM TABLE FRAME LINE B4			
◇ID	MARK	LENGTH	DETAIL
1	CT-102	12'-0"	TRIM_203
2	CT-102	10'-3"	TRIM_203
3	MT-112	20'-3"	
4	FL-22	19'-9"	TRIM_179
5	CT-102	20'-3"	TRIM_203
6	RT-101	20'-3"	TRIM_18
7	SPB_	8"	
8	MT-116	1'-0"	
9	FL-22	1'-4"	
10	MT-116	1'-6"	
11	HT-101	1'-10"	TRIM_178
12	FL-26	1'-10"	TRIM_180

MEMBER TABLE FRAME LINE B4	
MARK	PART
EC-200	W8X18
DJ-200	8X25C14
DH-200	8X25C14
DS-200	8X25C14
G-200	8X25Z16
G-201	8X25C12

CONNECTION PLATES FRAME LINE B4	
□ID	MARK/PART
1	AD413
2	AK244
3	AK200
4	AB201

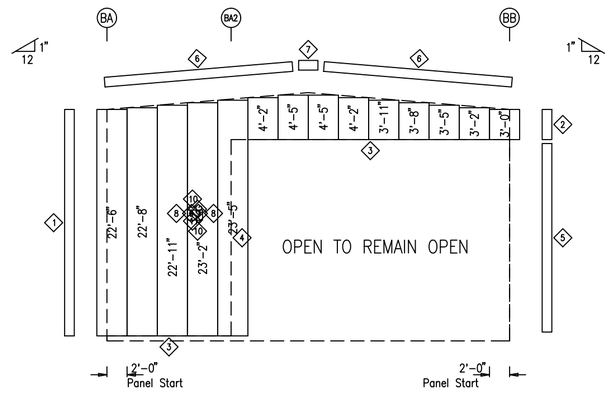


Typical Framing For F.O.



ENDWALL FRAMING: FRAME LINE B4

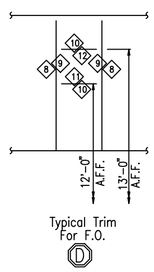
BLDG. "C"



ENDWALL SHEETING & TRIM: FRAME LINE B4

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "C"



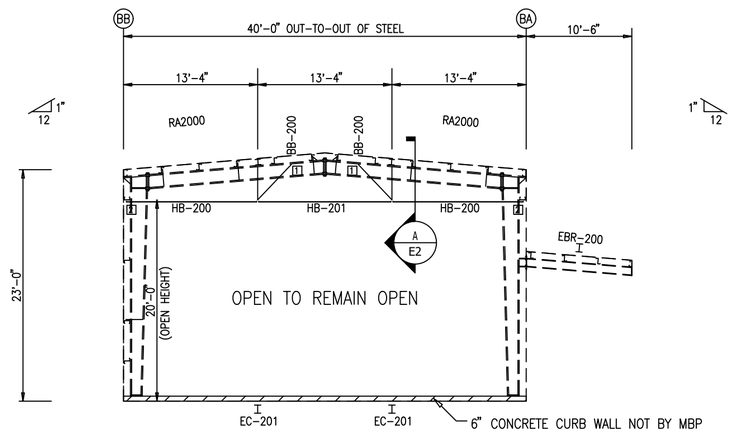
Typical Trim For F.O.

BOLT TABLE FRAME LINE B1				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"

TRIM TABLE FRAME LINE B1			
◇ID	MARK	LENGTH	DETAIL
1	CT-102	10'-3"	TRIM_203
2	CT-102	20'-3"	
3	CF-108	20'-3"	
4	RT-101	20'-3"	TRIM_18
5	SPB_	8"	

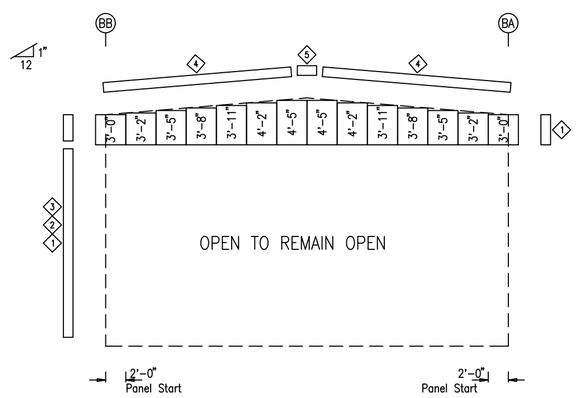
MEMBER TABLE FRAME LINE B1	
MARK	PART
HB-200	8X35C14
HB-201	8X35C14
BB-200	L3X3X316
EBR-200	W10X22
EC-201	W8X10

CONNECTION PLATES FRAME LINE B1	
□ID	MARK/PART
1	f203
2	AK244



ENDWALL FRAMING: FRAME LINE B1

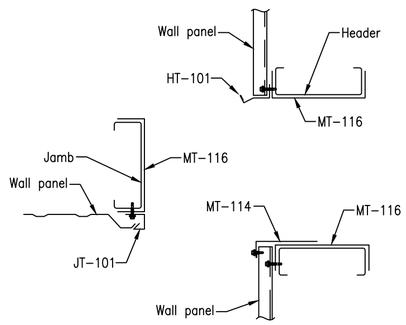
BLDG. "C"



ENDWALL SHEETING & TRIM: FRAME LINE B1

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "C"



DETAILS AT FRAMED OPENINGS

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt AK400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

DRAWING STATUS

☒ FOR APPROVAL:
These drawings, being for approval, are by definition not final and are for conceptual representation only. Their purpose is to confirm the proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered complete.

☐ FOR CONSTRUCTION PERMIT:
These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.

☐ FOR ERECTOR INSTALLATION:
Final drawings for construction.

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

WHIRLWIND STEEL BUILDINGS
P.O. BOX 75280
HOUSTON, TX 77234
PH: 800-324-9992
FAX: 832-553-4600

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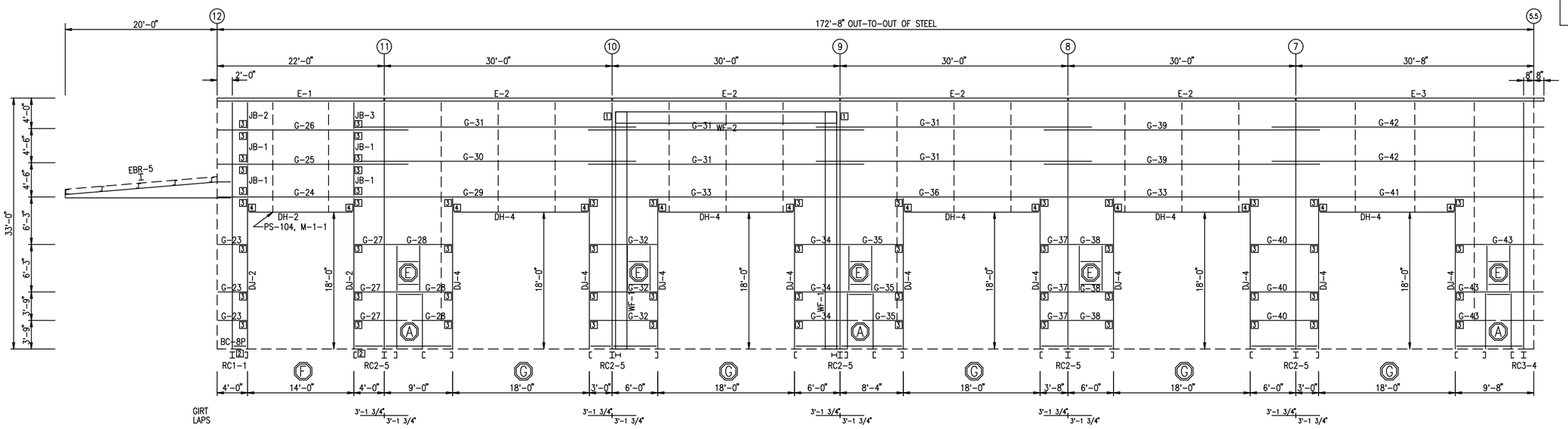
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

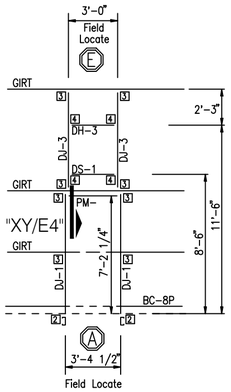
SHEET DESCRIPTION: FRAME & SHEETING ELEVATION				BLDG SIZE: VARIES			
CUSTOMER: Waukesha-Pearce Industries, LL				CUSTOMER LOCATION: 12320 S. Main Street			
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817				JOBSITE COUNTY: East Baton Rouge			
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: EB	ISSUE: A1	

DOWNSPOUT LOCATIONS

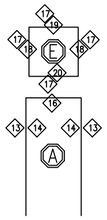


SIDEWALL FRAMING: FRAME LINE F

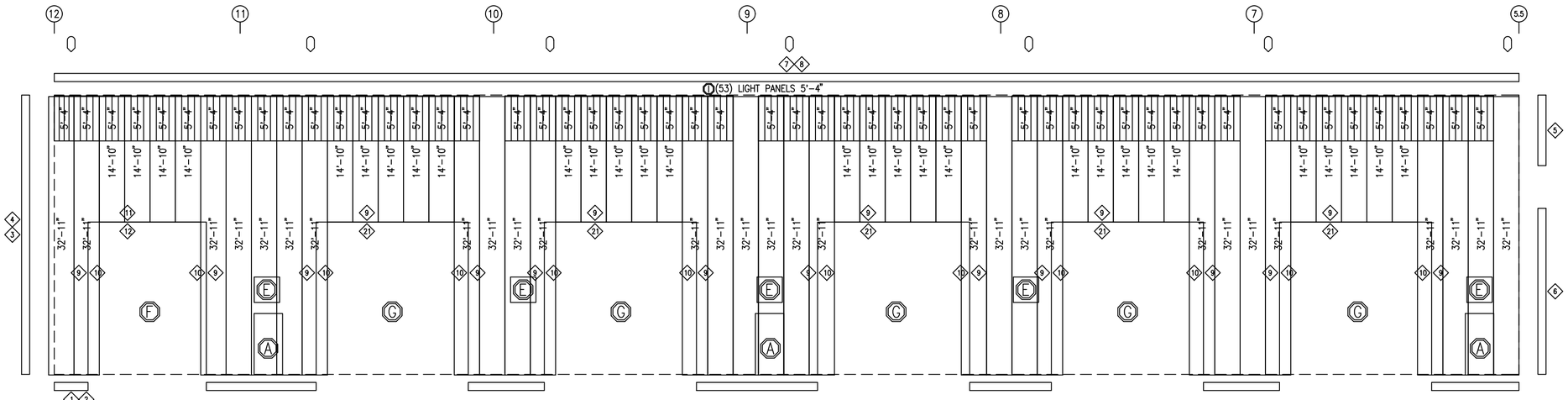
BLDG. "A"



DETAIL F.O. "A" & "E"



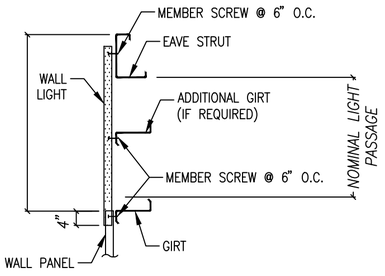
DETAIL TRIM F.O. "A" & "E"



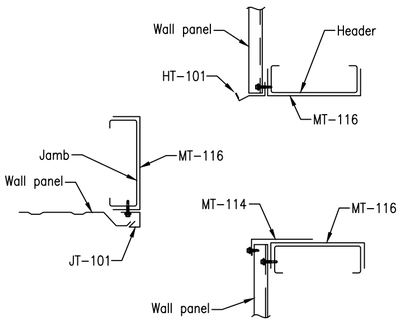
SIDEWALL SHEETING & TRIM: FRAME LINE F

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "A"



Typ. Wall Light Installation At The Eave



DETAILS AT FRAMED OPENINGS

BOLT TABLE
FRAME LINE F

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 – WF-2	8	A325	1 1/4"	3"
WF-1 – RC2-5	8	A325	5/8"	1 3/4"

TRIM TABLE
FRAME LINE F

◇ID	MARK	LENGTH	DETAIL
1	BT-101	SCRAP	
2	BT-101	10'-3"	
3	CT-102	16'-0"	TRIM_203
4	CT-102	18'-0"	TRIM_203
5	CT-102	14'-0"	TRIM_203
6	CT-102	20'-3"	TRIM_203
7	GU-52_	15'-3"	TRIM_303
8	GU-52_	20'-3"	TRIM_303
9	MT-116	18'-0"	
10	FL-22	18'-3"	TRIM_179
11	MT-116	14'-0"	
12	HT-101	14'-4"	TRIM_178
13	MT-116	7'-3"	
14	FL-22	7'-6"	TRIM_64
15	MT-116	3'-5"	
16	HT-101	3'-9"	TRIM_65
17	MT-116	3'-0"	
18	FL-22	3'-3"	TRIM_179
19	HT-101	3'-4"	TRIM_178
20	FL-26	3'-4"	TRIM_180
21	HT-101	18'-4"	TRIM_178

MEMBER TABLE
FRAME LINE F

MARK	PART
WF-1	W18283
WF-2	W18083
EBR-5	BEAM
DJ-1	8X25C14
DJ-2	8X35C12
DJ-3	8X25C14
DJ-4	C8X11.5
DH-1	8X25C14
DH-2	8X25C14
DH-3	8X25C14
DH-4	8X25C14
DS-1	8X25C14
E-1	10ES141
E-2	10ES141
E-3	10ES141
G-23	8X25Z16
G-24	C8X11.5
G-25	8X25Z16
G-26	8X25Z16
G-27	8X25Z16
G-28	8X25Z16
G-29	C8X18.75
G-30	8X25Z16
G-31	8X25Z16
G-32	8X25Z16
G-33	C8X18.75
G-34	8X25Z16
G-35	8X25Z16
G-36	C8X18.75
G-37	8X25Z16
G-38	8X25Z16
G-39	8X25Z14
G-40	8X25Z16
G-41	C8X18.75
G-42	8X25Z12
G-43	8X25Z16
JB-1	8X35C14
JB-2	8X35C14
JB-3	8X35C14

CONNECTION PLATES
FRAME LINE F

□ID	MARK/PART
1	AK508
2	AK401
3	AK200
4	AB201

CITY OF HOUSTON REGISTRATION NO. 145 / STATE OF TEXAS FIRM NO. 12081

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ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

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DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E9	ISSUE: A1

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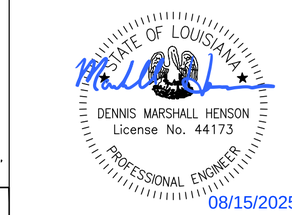
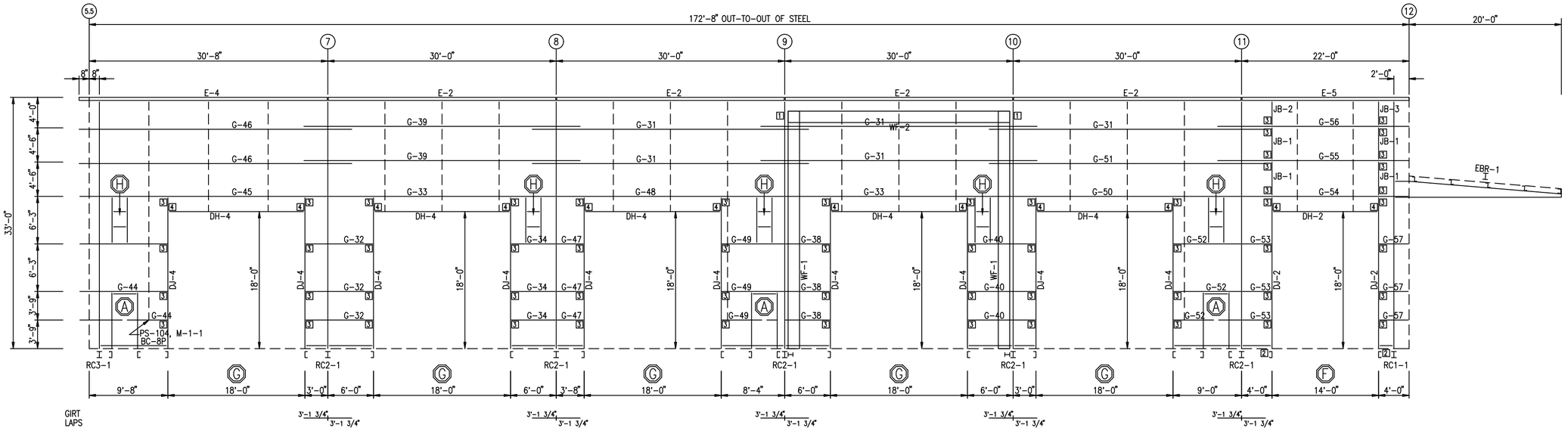
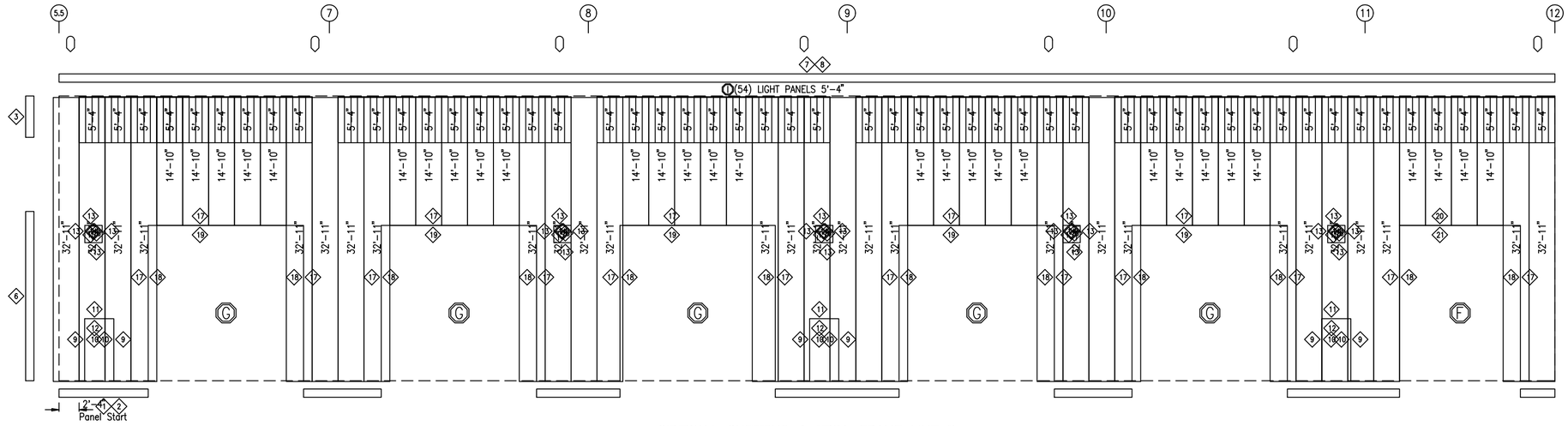


DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE B

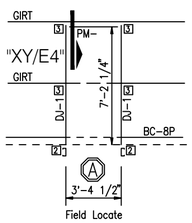
BLDG. "A"



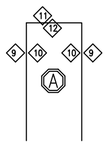
SIDEWALL SHEETING & TRIM: FRAME LINE B

PANELS: 26 Ga. Super Span X – NEED COLOR

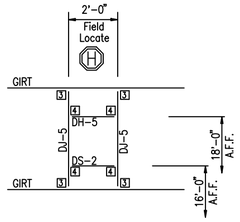
BLDG. "A"



DETAIL F.O. "A"

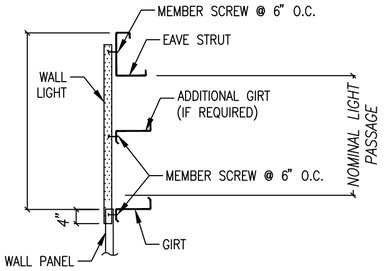


DETAIL TRIM F.O. "A"

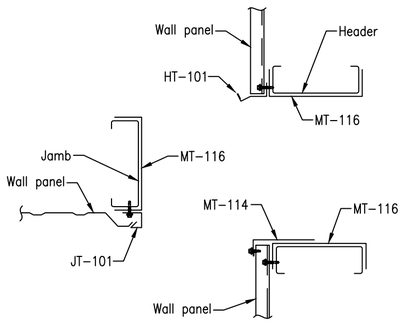


DETAIL F.O. "H"

DETAIL TRIM F.O. "H"



Typ. Wall Light Installation At The Eave



DETAILS AT FRAMED OPENINGS

BOLT TABLE
FRAME LINE B

LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 – WF-2	8	A325	1 1/4"	3"
WF-1 – RC2-1	8	A325	5/8"	1 3/4"

TRIM TABLE
FRAME LINE B

◇ID	MARK	LENGTH	DETAIL
1	BT-101	SCRAP	
2	BT-101	10'-3"	
3	CT-102	14'-0"	TRIM_203
4	CT-102	16'-0"	TRIM_203
5	CT-102	18'-0"	TRIM_203
6	CT-102	20'-3"	TRIM_203
7	GU-52_	15'-3"	TRIM_303
8	GU-52_	20'-3"	TRIM_303
9	MT-116	7'-3"	
10	FL-22	7'-6"	TRIM_64
11	MT-116	3'-5"	
12	HT-101	3'-9"	TRIM_65
13	MT-116	2'-0"	
14	FL-22	2'-3"	TRIM_179
15	HT-101	2'-4"	TRIM_178
16	FL-26	2'-4"	TRIM_180
17	MT-116	18'-0"	
18	FL-22	18'-3"	TRIM_179
19	HT-101	18'-4"	TRIM_178
20	MT-116	14'-0"	
21	HT-101	14'-4"	TRIM_178

MEMBER TABLE
FRAME LINE B

MARK	PART
WF-1	W18283
WF-2	W18083
EBR-1	BEAM
DJ-1	8X25C14
DJ-2	8X35C12
DJ-4	C8X11.5
DJ-5	8X25C14
DH-1	8X25C14
DH-2	8X25C14
DH-4	8X25C14
DH-5	8X25C14
DS-2	8X25C14
E-2	10ES141
E-4	10ES141
E-5	10ES141
G-31	8X25Z16
G-32	8X25Z16
G-33	C8X18.75
G-34	8X25Z16
G-38	8X25Z16
G-39	8X25Z14
G-40	8X25Z16
G-44	8X25Z16
G-45	C8X18.75
G-46	8X25Z12
G-47	8X25Z16
G-48	C8X18.75
G-49	8X25Z16
G-50	C8X18.75
G-51	8X25Z16
G-52	8X25Z16
G-53	8X25Z16
G-54	C8X11.5
G-55	8X25Z16
G-56	8X25Z16
G-57	8X25Z16
JB-1	8X35C14
JB-2	8X35C14
JB-3	8X35C14

CONNECTION PLATES
FRAME LINE B

□ID	MARK/PART
1	AK508
2	AK401
3	AK200
4	AB201

CITY OF HOUSTON REGISTRATION NO. 145 / STATE OF TEXAS FIRM NO. 12081

GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt AK400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

The Engineer whose seal and signature appear on these documents represents Whirlwind Steel Buildings, Inc., and is not the Engineer of Record for the overall project. The Engineer's responsibility is limited to material designed and manufactured by Whirlwind Steel Buildings, Inc., and excludes part such as doors, windows, foundation design, and erection of the building.

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

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- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
P.O. BOX 75280
HOUSTON, TX 77234
PH: 800-324-9992
FAX: 832-553-4600

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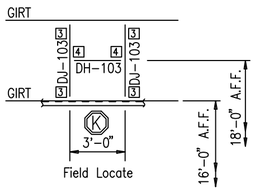
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

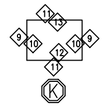
SHEET DESCRIPTION: FRAME & SHEETING ELEVATION
BLDG SIZE: VARIES
CUSTOMER: Waukesha-Pearce Industries, LL
CUSTOMER LOCATION: 12320 S. Main Street
PROJECT REFERENCE: WPI Baton Rouge
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817
JOBSITE COUNTY: East Baton Rouge

DWN:	CHK:	DATE:	ENG:	JOB NO:	DWG NO:	ISSUE:
NG	AM	8/ 7/25	DMH	14554-37882	E10	A1

DOWNSPOUT LOCATIONS



DETAIL F.O. "K"



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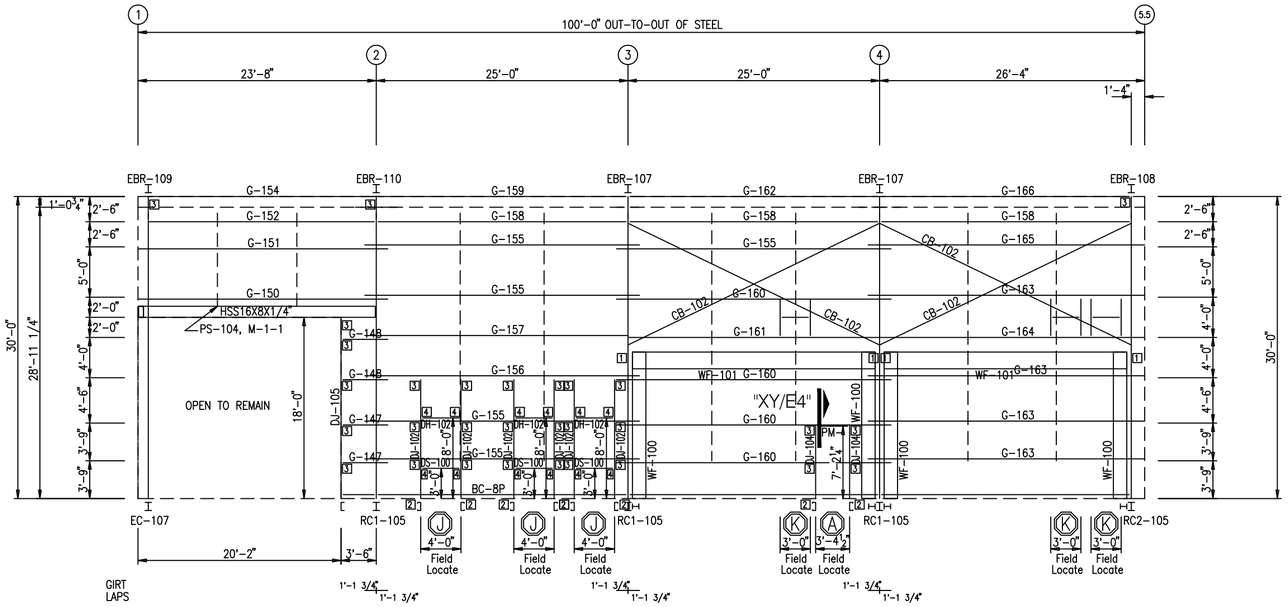
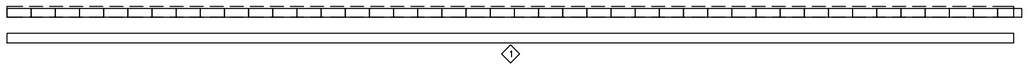


SIDEWALL FRAMING: FRAME LINE A

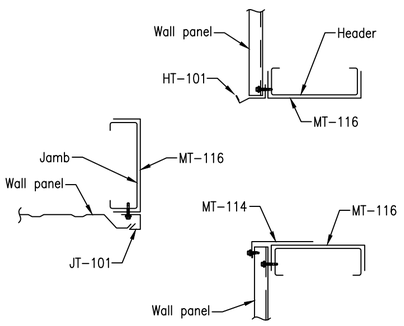
BLDG. "B"



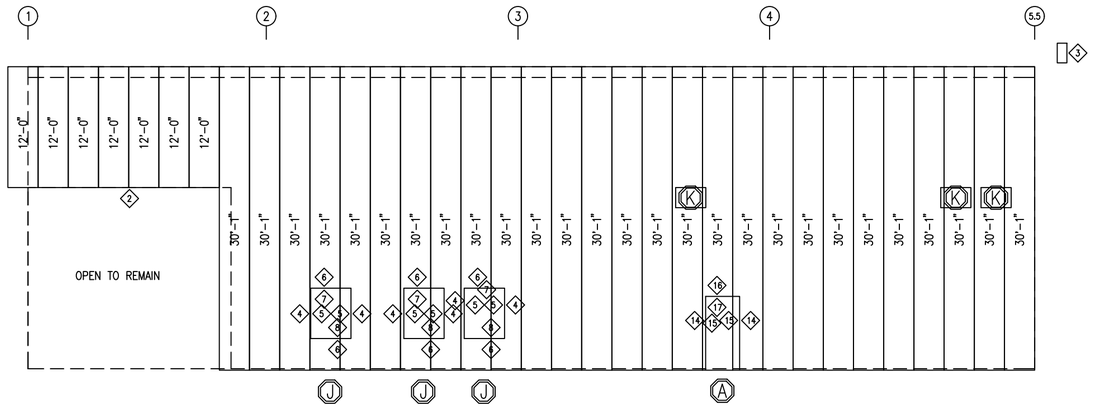
PARAPET BACK SHEETING & TRIM: LINE A

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "B"



DETAILS AT FRAMED OPENINGS



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: Berridge 24 Ga. Deep Deck – NEED COLOR

BLDG. "B"

BOLT TABLE FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
EBR-107	4	A325	1/2"	1 1/4"
EBR-108	4	A325	1/2"	1 1/4"
EBR-109	4	A325	5/8"	1 1/2"
EBR-110	4	A325	5/8"	1 1/2"
WF-100 – WF-101	8	A325	3/4"	2"
WF-100 – RC1-105	8	A325	5/8"	1 3/4"
WF-100 – RC2-105	8	A325	5/8"	1 3/4"

TRIM TABLE FRAME LINE A			
◇ID	MARK	LENGTH	DETAIL
1	MT1024	20'-2"	
2	MT-112	20'-3"	
3	CT-102	10'-3"	TRIM_203
4	MT-116	5'-0"	
5	FL-22	5'-4"	
6	MT-116	4'-0"	
7	HT-101	4'-4"	TRIM_178
8	FL-26	4'-4"	TRIM_180
9	MT-116	2'-0"	
10	FL-22	2'-3"	TRIM_179
11	MT-116	3'-0"	
12	HT-101	3'-4"	TRIM_178
13	FL-26	3'-4"	TRIM_180
14	MT-116	7'-3"	
15	FL-22	7'-6"	TRIM_64
16	MT-116	3'-5"	
17	HT-101	3'-9"	TRIM_65

MEMBER TABLE FRAME LINE A	
MARK	PART
WF-100	W16861
WF-101	W20851
EBR-107	W8X10
EBR-108	W8X10
EBR-109	W8X10
EBR-110	W8X10
DJ-102	8X25C14
DJ-103	8X25C14
DJ-104	8X25C14
DJ-105	C8X11.5
DH-102	8X25C14
DH-103	8X25C14
DH-104	8X25C14
DS-100	8X25C14
G-147	8X25Z16
G-148	8X25Z12
G-150	8X25Z16
G-151	8X25Z16
G-152	8X25Z16
G-153	8X35C14
G-154	8X25C16
G-155	8X25Z16
G-156	8X25Z12
G-157	8X25Z12
G-158	8X35Z16
G-159	8X35C16
G-160	8X25Z14
G-161	8X25C12
G-162	8X35C16
G-163	8X25Z14
G-164	8X25C12
G-165	8X25Z16
G-166	8X35C16
CB-102	1.00_ROD w/BackUp

CONNECTION PLATES FRAME LINE A	
□ID	MARK/PART
1	AK508
2	AK401
3	AK200
4	AB201

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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7. Start endwall panels at centerline of bldg. unless noted.
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9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
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FAX: 832-553-4600

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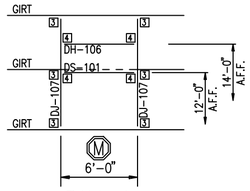
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

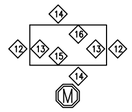
SHEET DESCRIPTION: FRAME & SHEETING ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E11	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

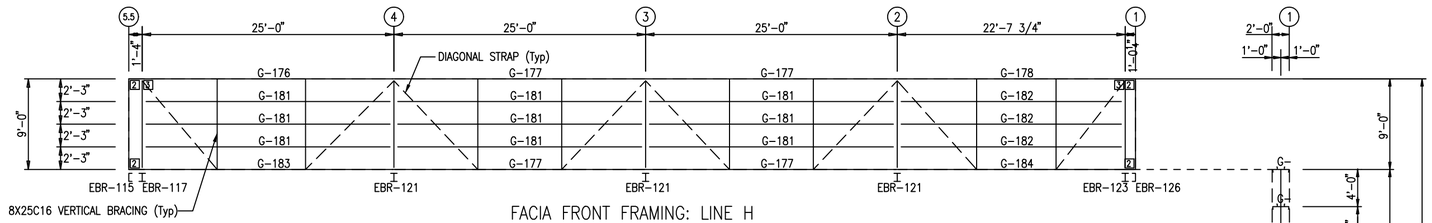
DOWNSPOUT LOCATIONS



DETAIL F.O. "M"

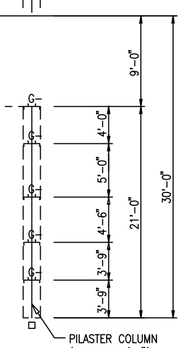


DETAIL TRIM F.O. "M"

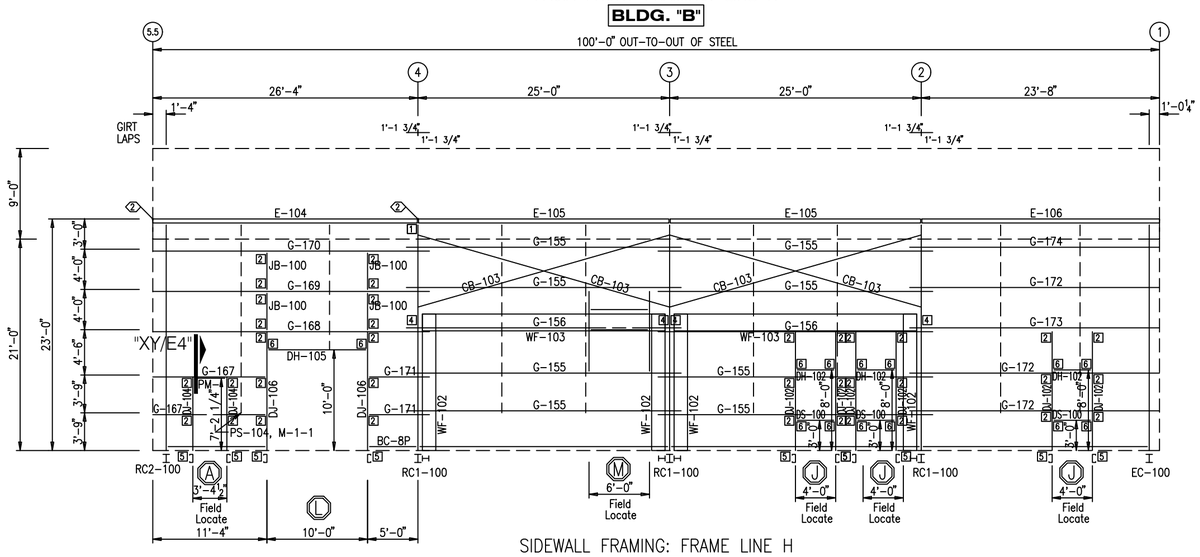


FACIA FRONT FRAMING: LINE H

BLDG. "B"

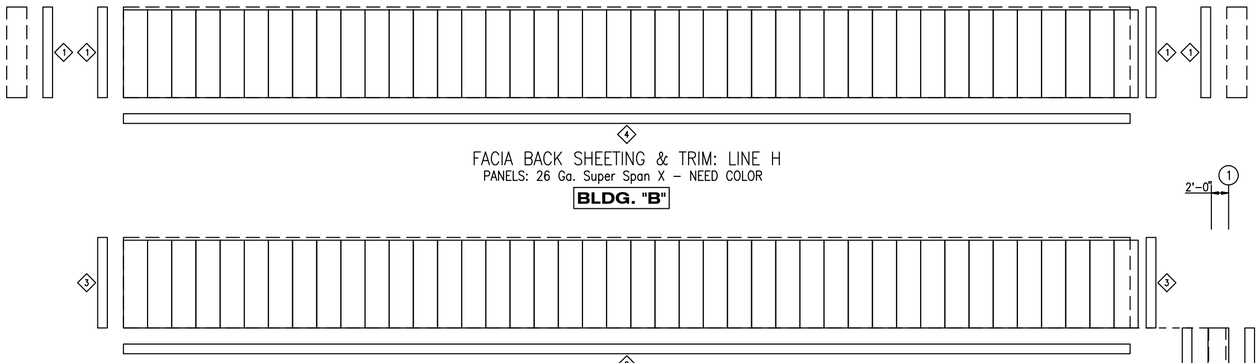


PILASTER FRAMING



SIDEWALL FRAMING: FRAME LINE H

BLDG. "B"



FACIA BACK SHEETING & TRIM: LINE H

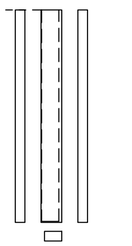
PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "B"

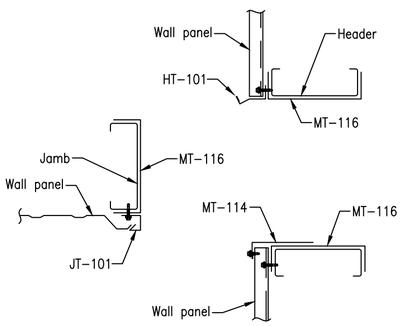
FACIA FRONT SHEETING & TRIM: LINE H

PANELS: 26 Ga. Super Span X – NEED COLOR

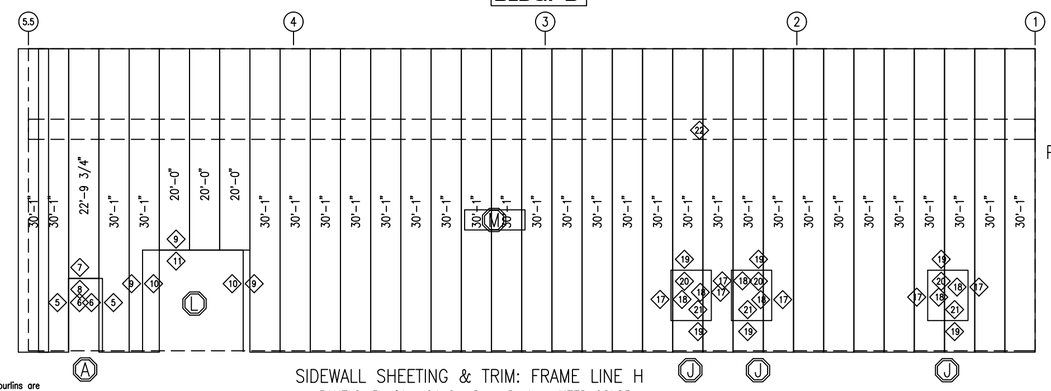
BLDG. "B"



PILASTER SHEETING



DETAILS AT FRAMED OPENINGS



SIDEWALL SHEETING & TRIM: FRAME LINE H

PANELS: Berridge 24 Ga. Deep Deck – NEED COLOR

BLDG. "B"

BOLT TABLE FRAME LINE H				
LOCATION	QUAN	TYPE	DIA	LENGTH
EBR-117	8	A325	5/8"	
EBR-121	8	A325	1"	
EBR-123	8	A325	5/8"	
WF-102 – WF-103	8	A325	3/4"	2 1/4"
WF-102 – RC1-100	8	A325	5/8"	1 3/4"

TRIM TABLE FRAME LINE H			
◇ ID	MARK	LENGTH	DETAIL
1	ICT-10	10'-3"	
2	MT-14_	20'-3"	
3	CT-102	10'-3"	TRIM_203
4	GU-12_	20'-3"	
5	MT-116	7'-3"	
6	FL-22	7'-6"	TRIM_64
7	MT-116	3'-5"	
8	HT-101	3'-9"	TRIM_65
9	MT-116	10'-0"	
10	FL-22	10'-3"	TRIM_179
11	HT-101	10'-4"	TRIM_178
12	MT-116	2'-0"	
13	FL-22	2'-3"	TRIM_179
14	MT-116	6'-0"	
15	HT-101	6'-4"	TRIM_178
16	FL-26	6'-4"	TRIM_180
17	MT-116	5'-0"	
18	FL-22	5'-4"	
19	MT-116	4'-0"	
20	HT-101	4'-4"	TRIM_178
21	FL-26	4'-4"	TRIM_180
22	CF-116	20'-3"	

SPECIAL BOLTS					
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A307	1/2"	1 1/4"	0

CONNECTION PLATES FRAME LINE H	
□ID	MARK/PART
1	AK106
2	AK200
3	b101
4	AK508
5	AK401
6	AB201

MEMBER TABLE FRAME LINE H	
MARK	PART
WF-102	W16861
WF-103	W20851
EBR-115	8X2CH16
EBR-117	W8X13
EBR-121	W8X24
EBR-123	W8X13
EBR-126	8X2CH16
DJ-102	8X25C14
DJ-104	8X25C14
DJ-106	8X35C14
DJ-107	8X25C14
DH-102	8X25C14
DH-104	8X25C14
DH-105	8X25C14
DH-106	8X25C14
DS-100	8X25C14
DS-101	8X25C14
E-104	10ES140
E-105	10ES140
E-106	10ES140
G-155	8X25Z16
G-156	8X25Z12
G-167	8X25Z16
G-168	8X25Z12
G-169	8X25Z16
G-170	8X25Z16
G-171	8X25Z16
G-172	8X25Z16
G-173	8X25Z12
G-174	8X25Z16
G-176	8X25C14
G-177	8X25C16
G-178	8X25C16
G-181	8X35Z12
G-182	8X25Z12
G-183	8X25C14
G-184	8X25C16
CB-103	1.00_ROD w/BackUp
JB-100	8X35C14

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt A400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

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☐ FOR ERECTOR INSTALLATION:
Final drawings for construction.

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STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

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P.O. BOX 75280
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PH: 800-324-9992
FAX: 832-553-4600

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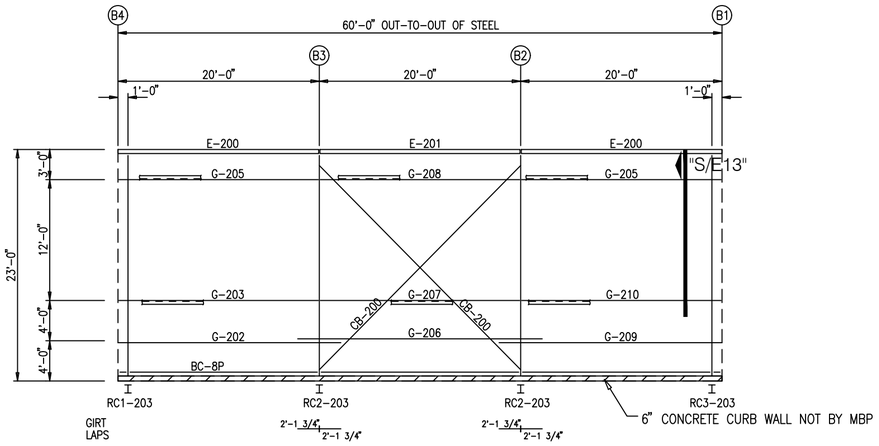
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: E12	ISSUE: A1

DOWNSPOUT LOCATIONS

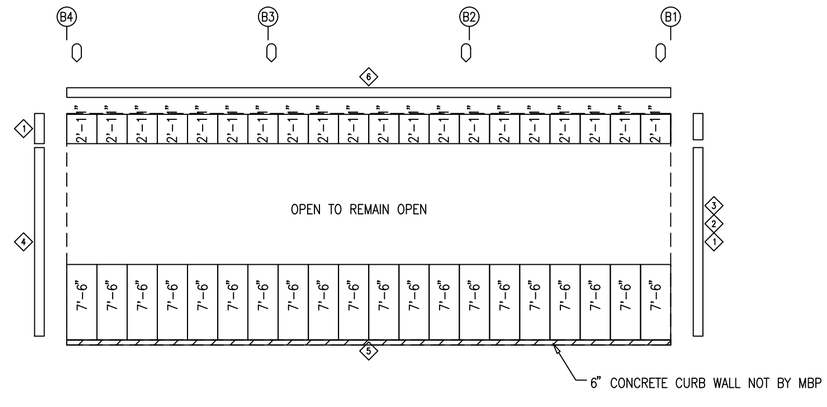
TRIM TABLE FRAME LINE BB			
◇ID	MARK	LENGTH	DETAIL
1	CT-102	10'-3"	TRIM_203
2	CT-102	20'-3"	
3	CF-108	20'-3"	
4	CT-102	20'-3"	TRIM_203
5	MT-112	20'-3"	
6	GU-12_	20'-3"	TRIM_2

MEMBER TABLE FRAME LINE BB	
MARK	PART
E-200	8ES141
E-201	8ES141
G-202	8X25Z16
G-203	8X25C14
G-205	8X25C12
G-206	8X25Z16
G-207	8X35C14
G-208	8X25C12
G-209	8X25Z16
G-210	8X25C14
CB-200	0.63_ROD



SIDEWALL FRAMING: FRAME LINE BB

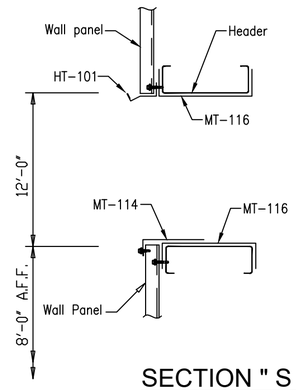
BLDG. "C"



SIDEWALL SHEETING & TRIM: FRAME LINE BB

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "C"



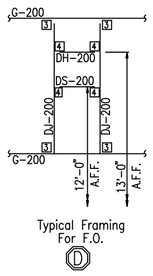
SECTION " S "

TRIM TABLE FRAME LINE BA			
◇ID	MARK	LENGTH	DETAIL
1	CT-102	10'-3"	TRIM_203
2	CT-102	12'-0"	TRIM_203
3	FL-22	19'-9"	TRIM_179
4	MT-112	20'-3"	
5	GU-12_	20'-3"	TRIM_2
6	MT-116	12'-0"	
7	FL-22	12'-4"	
8	MT-116	19'-0"	
9	HT-101	19'-4"	TRIM_178
10	FL-26	19'-4"	TRIM_180
11	MT-116	1'-0"	
12	FL-22	1'-4"	
13	MT-116	1'-6"	
14	HT-101	1'-10"	TRIM_178
15	FL-26	1'-10"	TRIM_180

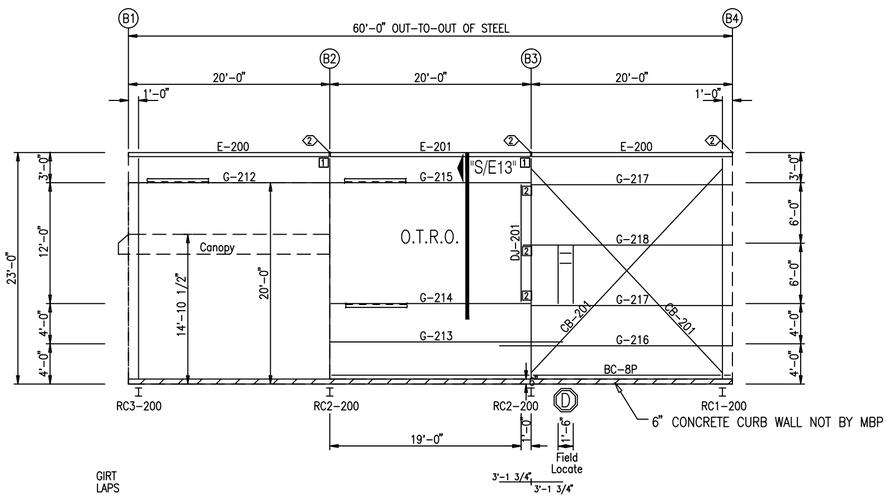
SPECIAL BOLTS					
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A307	1/2"	1 1/4"	0

CONNECTION PLATES FRAME LINE BA	
□ID	MARK/PART
1	AK106
2	AK200
3	AB201

MEMBER TABLE FRAME LINE BA	
MARK	PART
DJ-200	8X25C14
DJ-201	8X25C14
DH-200	8X25C14
DS-200	8X25C14
E-200	8ES141
E-201	8ES141
G-212	8X25C16
G-213	8X25Z16
G-214	8X25C16
G-215	8X25C16
G-216	8X25Z16
G-217	8X25Z12
G-218	8X25Z12
CB-201	0.63_ROD

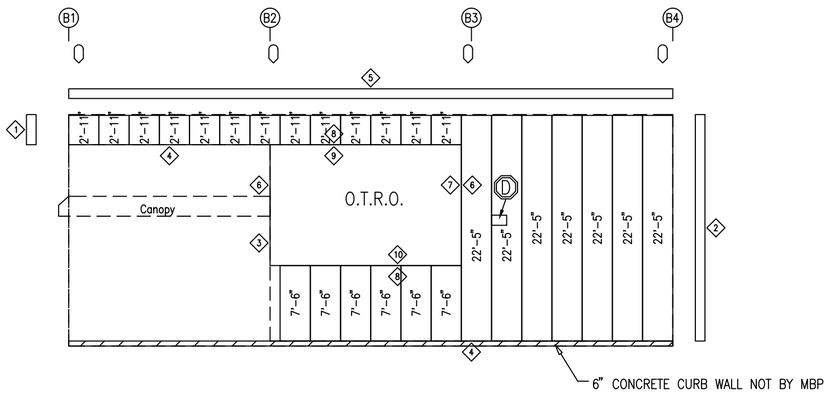


Typical Framing For F.O.



SIDEWALL FRAMING: FRAME LINE BA

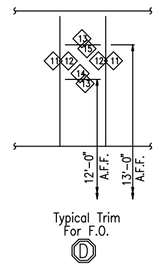
BLDG. "C"



SIDEWALL SHEETING & TRIM: FRAME LINE BA

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "C"



Typical Trim For F.O.

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

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2. Field cut or lap angles as required to fit.
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12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

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A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION						BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
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DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: E13	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

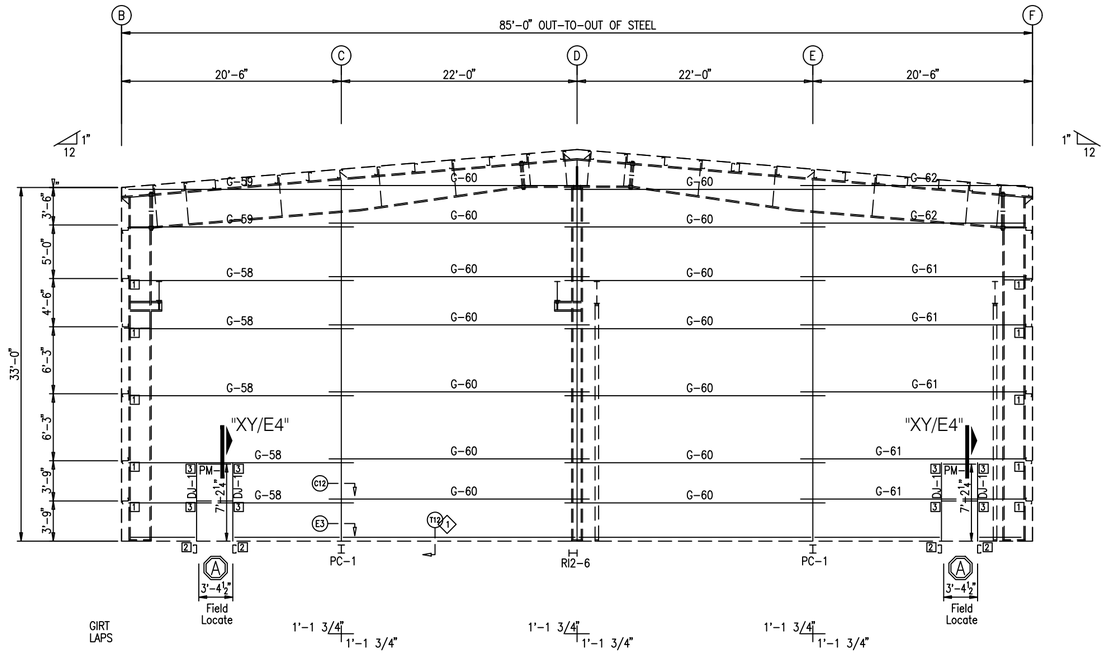
MEMBER TABLE PARTITION 1	
MARK	PART
PC-1	W12X14
DJ-1	8X25C14
DH-1	8X25C14
G-58	8X25Z16
G-59	8X25Z16
G-60	8X25Z16
G-61	8X25Z16
G-62	8X25Z16

ANGLE TABLE PARTITION 1	
◇ID	MARK
1	BC-8P

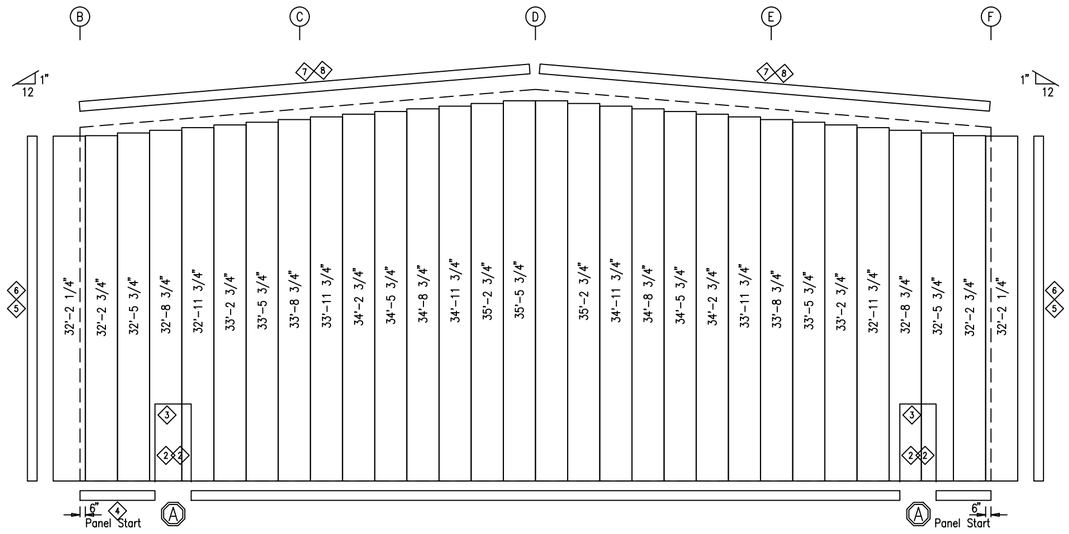
TRIM TABLE – THIS WALL ONLY
FRAME LINE +

◇ID	PART	LENGTH	QTY
2	FL-22	7'-6"	8
3	HT-101	3'-9"	4
4	BT-101	10'-3"	18
5	ICT-102	16'-0"	2
6	ICT-102	18'-0"	2
7	MT-106D	10'-3"	2
8	MT-106D	20'-2"	4
9	ICT-102	10'-3"	2
10	MT-113	10'-3"	1
11	MT-113	20'-2"	2

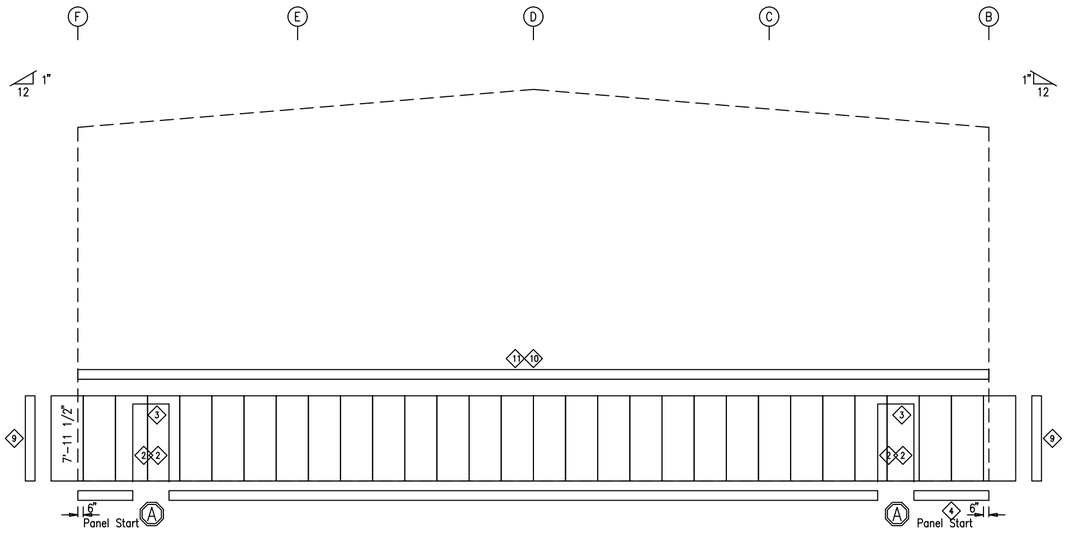
CONNECTION PLATES PARTITION 1	
□ID	MARK/PART
1	r2
2	AK401
3	AK200
4	AB201



PARTITION 1 FRAMING LINE 11
BLDG. "A"



PARTITION 1 LEFT SHEETING & TRIM LINE 11
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "A"



PARTITION 1 RIGHT SHEETING & TRIM LINE 11
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "A"

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6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

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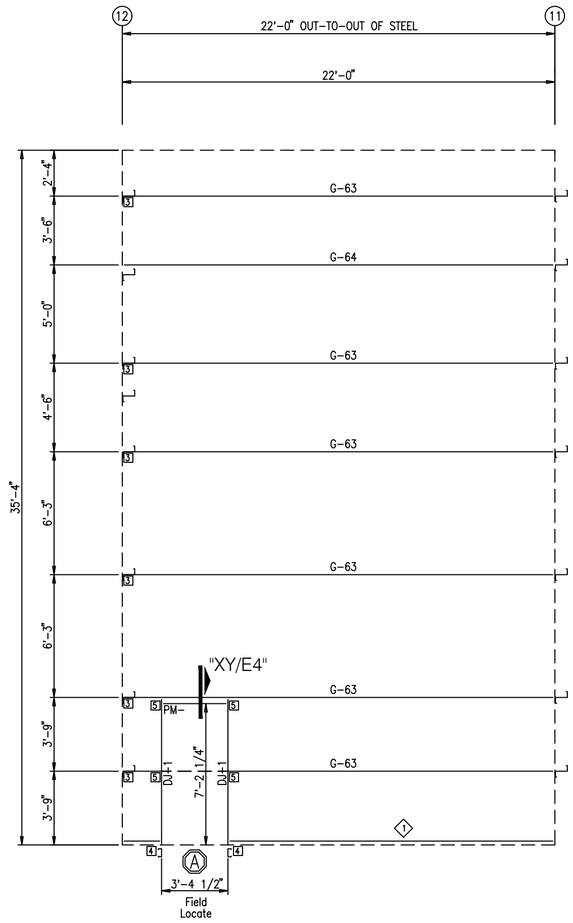
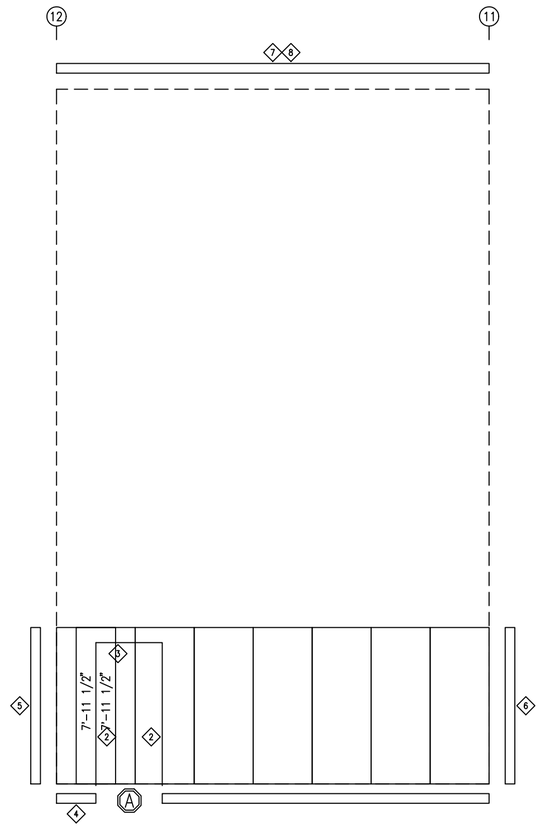
STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081



PARTITION 2 FRAMING LINE D.1

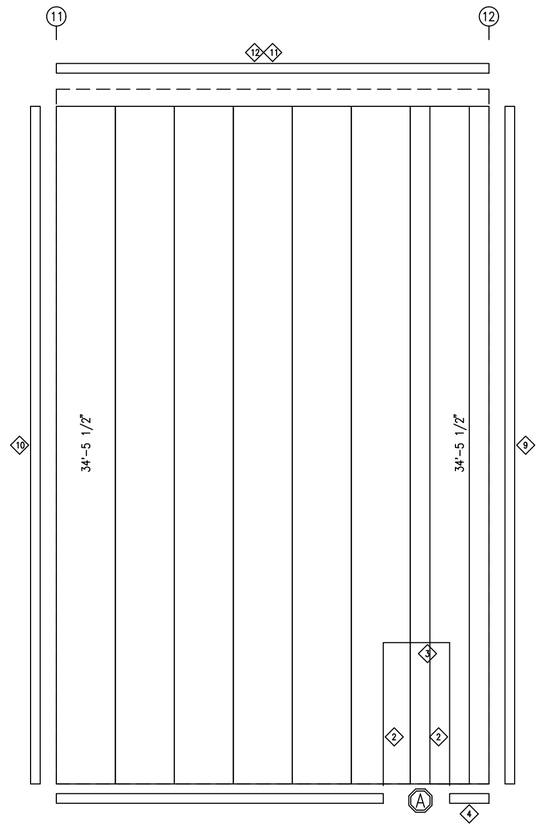
BLDG. "A"



PARTITION 2 FRONT SHEETING & TRIM LINE D.1

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "A"



PARTITION 2 BACK SHEETING & TRIM LINE D.1

PANELS: 26 Ga. Super Span X – NEED COLOR

BLDG. "A"

MEMBER TABLE PARTITION 2	
MARK	PART
PE-1	10HES141
DJ-1	8X25C14
DH-1	8X25C14
G-63	8X25Z16
G-64	8X25Z16

ANGLE TABLE PARTITION 2	
◇ID	MARK
1	BC-8P

TRIM TABLE – THIS WALL ONLY
FRAME LINE 2

◇ID	PART	LENGTH	QTY
2	FL-22	7'-6"	4
3	HT-101	3'-9"	2
4	BT-101	10'-3"	4
5	ICT-102	10'-3"	1
6	JT-101	8'-2"	1
7	MT-113	10'-3"	1
8	MT-113	20'-2"	1
9	ICT-102	18'-0"	2
10	JT-101	18'-2"	2
11	MT-106B	10'-3"	1
12	MT-106B	20'-2"	1

CONNECTION PLATES PARTITION 2	
□ID	MARK/PART
1	e2
2	e1
3	r2
4	AK401
5	AK200
6	AB201

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
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STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

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☐ FOR ERECTOR INSTALLATION:
Final drawings for construction.

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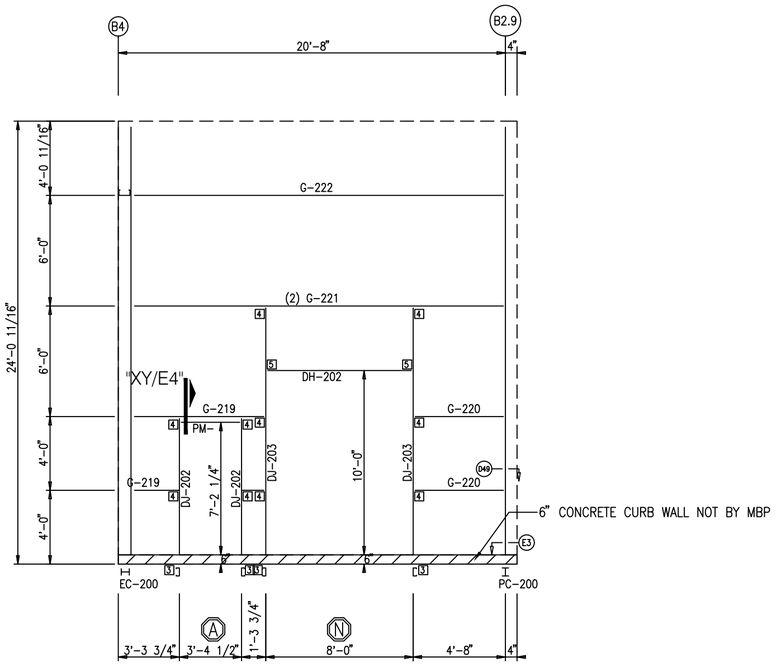
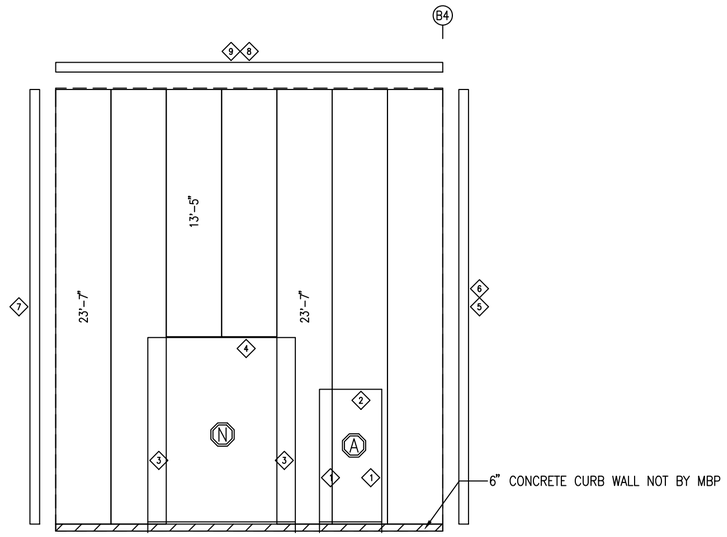
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E15	ISSUE: A1



PARTITION 1 FRAMING LINE BA2

BLDG. "C"



PARTITION 1 BACK SHEETING & TRIM LINE BA2

PANELS: 26 Ga. Super Span X - NEED COLOR

BLDG. "C"

MEMBER TABLE PARTITION 1	
MARK	PART
PC-200	W8X10
PE-200	8ES141
PE-201	8ES141
DJ-202	8X25C14
DJ-203	8X35C14
DH-201	8X25C14
DH-202	8X25C14
DS-201	8X25C14
DS-202	8X25C14
G-219	8X25Z16
G-220	8X25Z16
G-221	8X25Z12
G-222	8X35Z12

TRIM TABLE - THIS WALL ONLY
FRAME LINE 1

◇ID	PART	LENGTH	QTY
1	FL-22	7'-6"	2
2	HT-101	3'-9"	1
3	FL-22	10'-3"	2
4	HT-101	8'-4"	1
5	ICT-102	12'-0"	1
6	ICT-102	14'-0"	1
7	JT-101	12'-2"	2
8	MT-106B	10'-3"	1
9	MT-106B	20'-2"	1

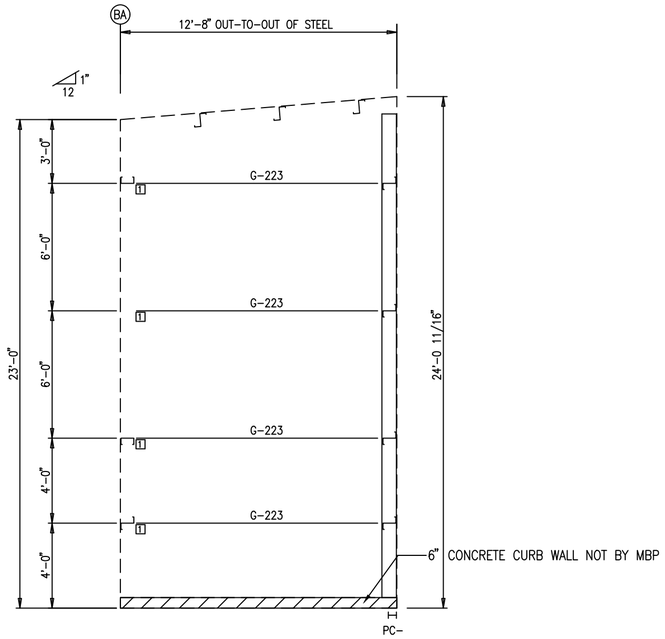
CONNECTION PLATES PARTITION 1	
□ID	MARK/PART
1	e201
2	e200
3	AK401
4	AK200
5	AB201

MEMBER TABLE PARTITION 2	
MARK	PART
G-223	8X25Z16

TRIM TABLE - THIS WALL ONLY
FRAME LINE 2

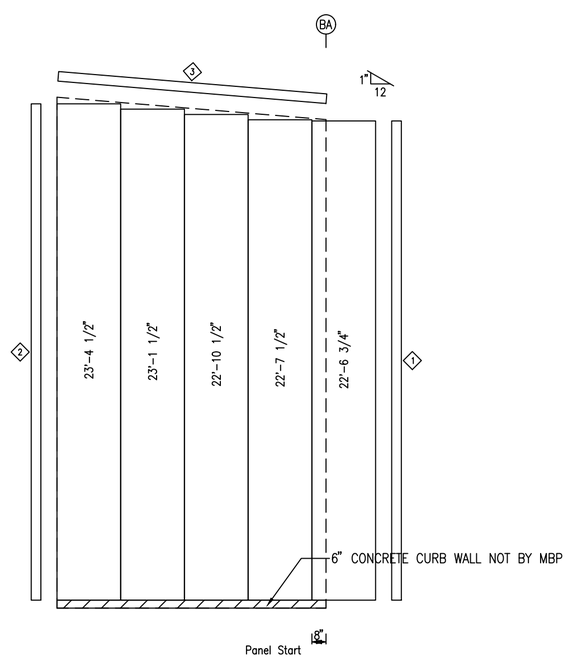
◇ID	PART	LENGTH	QTY
1	ICT-102	12'-0"	2
2	JT-101	12'-2"	2
3	MT-106C	20'-2"	1

CONNECTION PLATES PARTITION 2	
□ID	MARK/PART
1	r202



PARTITION 2 FRAMING LINE B2.9

BLDG. "C"



PARTITION 2 RIGHT SHEETING & TRIM LINE B2.9

PANELS: 26 Ga. Super Span X - NEED COLOR

BLDG. "C"

GENERAL SHEETING & TRIM NOTES:

1. Refer to erection drawings for rake angle locations.
2. Roof member screws are on 12" centers at the intermediate purlins. The spacing at the eave, end lap, and peak purlins are as shown.
3. Wall member screws are on 6" centers at the base member and 12" centers for all remaining members.
4. Roof stitch screws are located (1) at each member and (2) between members spaced evenly apart (20" maximum spacing).
5. Wall stitch screws are located (1) at each member then spaced evenly apart between members with the spacing not to exceed 20".
6. Skylight stitch screws are at 6" o.c.
7. Start endwall panels at centerline of bldg. unless noted.
8. Gutter, rake, & eave trim lap 2". All other trims lap 1".
9. Field cut or lap panels as required to fit.
10. Field cut panels for all openings.
11. Pop rivet gutter counterflashing to wall panel on 3'-0" centers and caulk all laps.
12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hot-Rolled or Built-Up members must be pre-drilled before attaching members screws.
16. Metal shavings must be swept from the roof each day to avoid surface rusting.
17. Windows and louvers must be installed before sheeting the walls.
18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

GENERAL FRAMING NOTES:

1. Angles are marked by their length in feet and inches.
2. Field cut or lap angles as required to fit.
3. Flange braces are marked by their length in decimal inches.
4. Outside flange of girt turns down unless noted.
5. Endwall girts and eave struts do not lap.
6. Field cut and self-tap girts at walk doors.
7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
9. Field weld all splices at 14 gauge valley gutters.
10. Field Bolt Ak400 base clip to endwall columns:
    (2) 5/8" x 1-1/2" A325 bolts if (1) AK400 required.
    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
11. Locate top of roof framed openings flush with the pan of the roof panel.
12. Some field drilling at framed openings may be required. Field drill 9/16" diameter holes.
13. Sub-jambs for overhead or roll-up doors, if required, are not furnished by Metal Building Provider.

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CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
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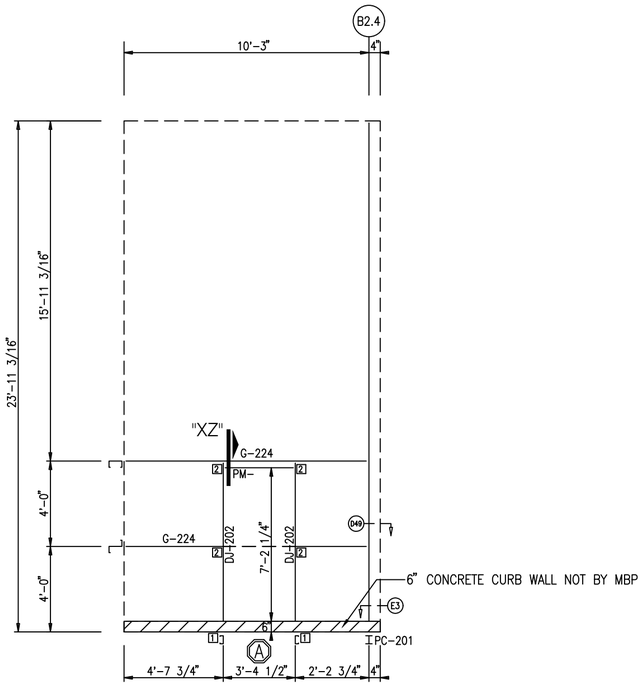
MEMBER TABLE PARTITION 3	
MARK	PART
PC-201	W8X10
DJ-202	8X25C14
DH-201	8X25C14
DS-201	8X25C14
G-224	8X25C16

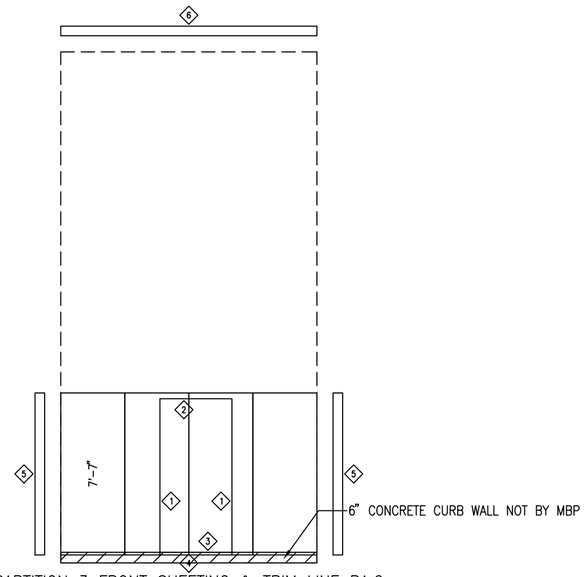
TRIM TABLE – THIS WALL ONLY
FRAME LINE 3

◇ID	PART	LENGTH	QTY
1	FL-22	7'-6"	4
2	HT-101	3'-9"	2
3	FL26	3'-9"	2
4	MT-112	20'-3"	1
5	JT-101	8'-2"	4
6	MT-113	20'-2"	2

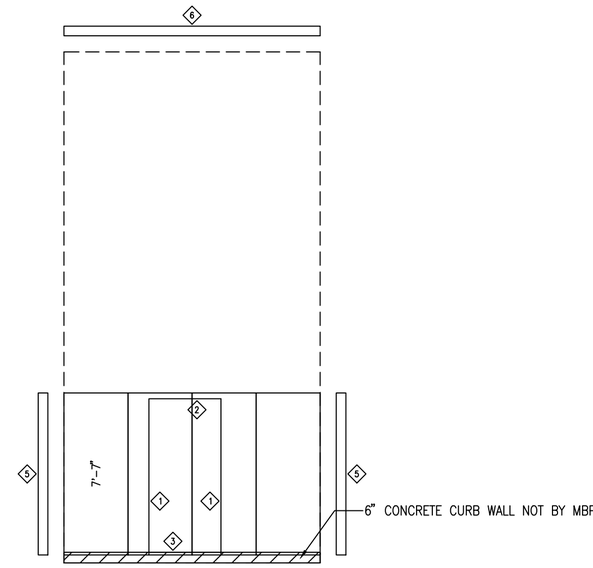
CONNECTION PLATES PARTITION 3	
□ID	MARK/PART
1	AK401
2	AK200
3	AB201



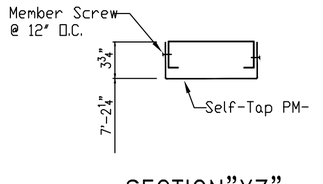
PARTITION 3 FRAMING LINE BA.2
BLDG. "C"



PARTITION 3 FRONT SHEETING & TRIM LINE BA.2
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"



PARTITION 3 BACK SHEETING & TRIM LINE BA.2
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"



SECTION"XZ"

MEMBER TABLE PARTITION 4	
MARK	PART
PC-G-225	W8X10 8X25C16

TRIM TABLE – THIS WALL ONLY
FRAME LINE 4

◇ID	PART	LENGTH	QTY
1	MT-112	20'-3"	1
2	ICT-102	10'-3"	2
3	JT-101	8'-2"	2
4	MT-113	20'-2"	2

PARTITION 4 FRAMING LINE B2.4
BLDG. "C"

PARTITION 4 LEFT SHEETING & TRIM LINE B2.4
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"

PARTITION 4 RIGHT SHEETING & TRIM LINE B2.4
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"

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12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok-16 32".
13. Downspout strap spacing: 4" x 4" 8'-0" o.c. max, larger downspouts 5'-0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
15. Hat-Rolled or Built-Up members must be pre-drilled before attaching members screws.
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18. For clarity, tape sealant, closures, etc. may not be shown. Refer to the appropriate standing seam technical/erection manual or standard pull outs for through-fastened (screw-down) type roof systems for additional installation instructions.

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7. Field slot girts for brace rods or cables.
8. Field locate windows and walk doors.
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    (2) 5/8" x 1-3/4" A325 bolts if (2) AK400 required.
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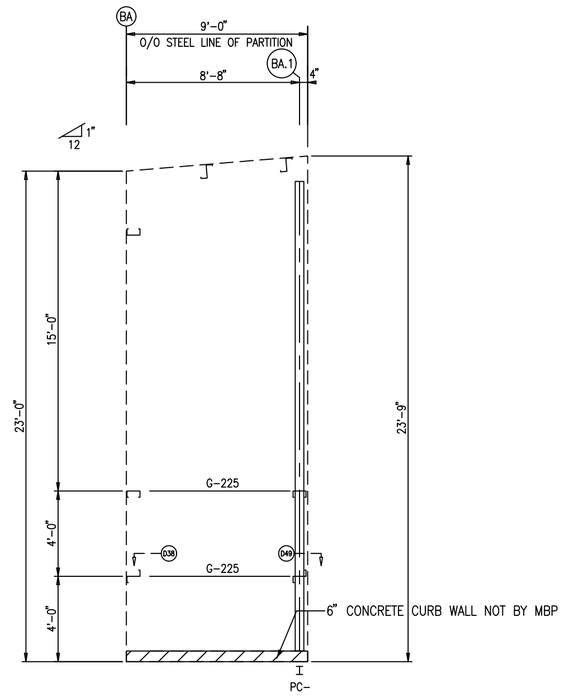
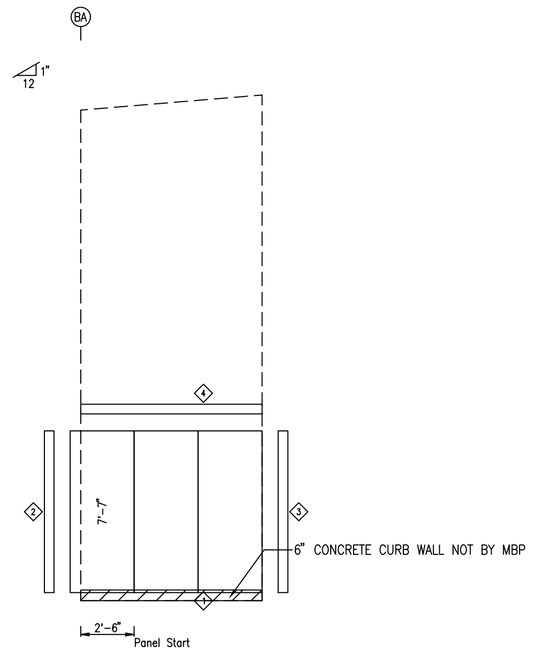
MEMBER TABLE PARTITION 6	
MARK	PART
PC–201	W8X10
PC–202	W8X10
PR–200	8M35C14
G–225	8X25C16

TRIM TABLE – THIS WALL ONLY
FRAME LINE 6

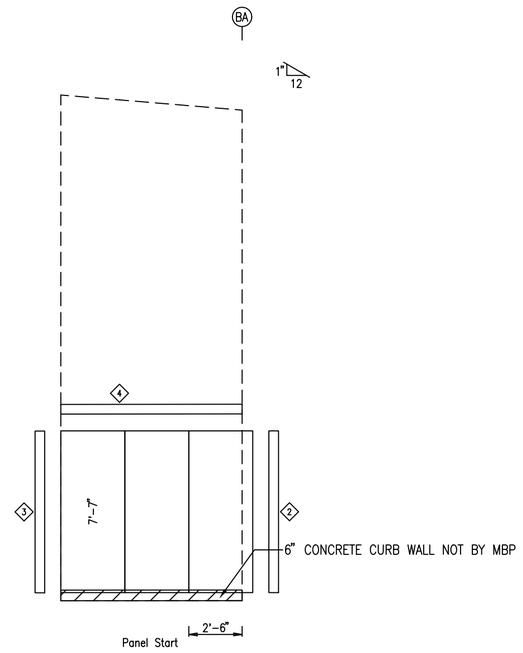
◇ID	PART	LENGTH	QTY
1	MT–112	20'–3"	1
2	ICT–102	10'–3"	2
3	JT–101	8'–2"	2
4	MT–113	20'–2"	2



PARTITION 6 FRAMING LINE B2.3
BLDG. "C"



PARTITION 6LEFT SHEETING & TRIM LINE B2.3
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"

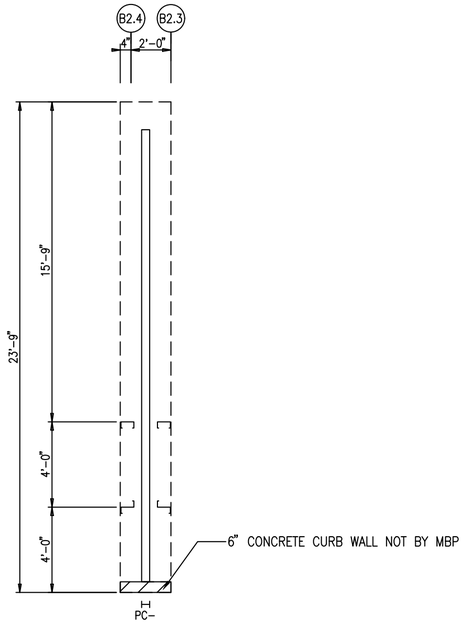


PARTITION 6 RIGHT SHEETING & TRIM LINE B2.3
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"

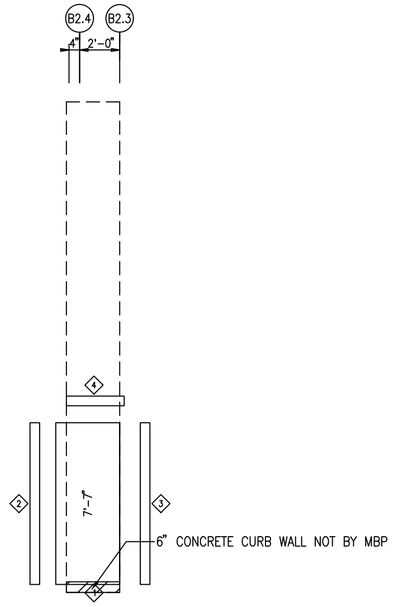
MEMBER TABLE PARTITION 5	
MARK	PART
PC–201	W8X10

TRIM TABLE – THIS WALL ONLY
FRAME LINE 5

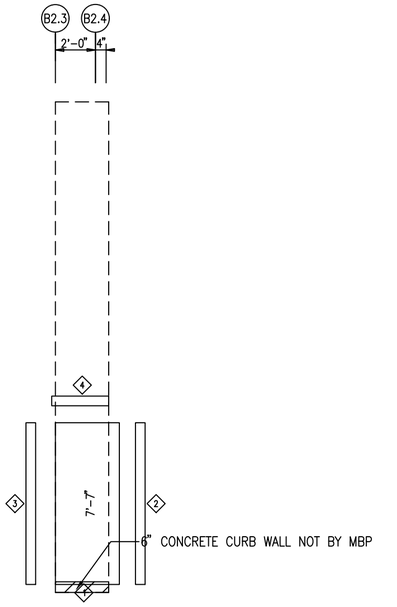
◇ID	PART	LENGTH	QTY
1	MT–112	20'–3"	1
2	ICT–102	10'–3"	2
3	JT–101	8'–2"	2
4	MT–113	20'–2"	2



PARTITION 5 FRAMING LINE BA.1
BLDG. "C"



PARTITION 5 LEFT SHEETING & TRIM LINE BA.1
PANELS: 26 Ga. Super Span X – NEED COLOR
BLDG. "C"



PARTITION 5 RIGHT SHEETING & TRIM LINE BA.1
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12. Gutter support strap spacing: Super Span 36", Super Seam 48", Weather Lok–16 32".
13. Downspout strap spacing: 4" x 4" 8'–0" o.c. max, larger downspouts 5'–0" o.c. max.
14. Corner and/or peak boxes are not furnished with trim profiles. Field miter as required.
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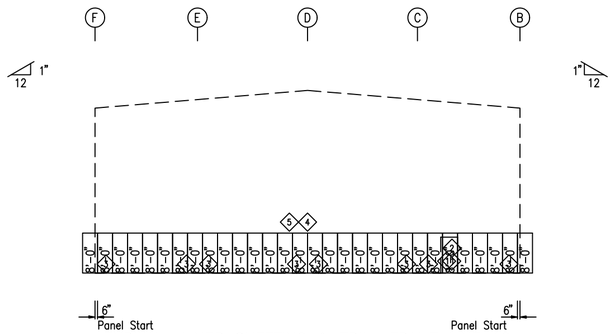
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: FRAME & SHEETING ELEVATION					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: E18	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081



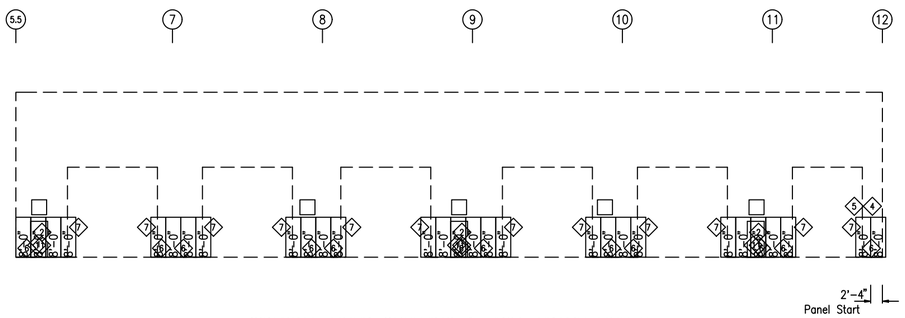
ENDWALL LINER SHEETING & TRIM: FRAME LINE 12

PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "A"

TRIM TABLE FRAME LINE 12 F B			**BLDG. "A"**
◇ID	MARK	LENGTH	DETAIL
1	JT–101	7'–6"	
2	MT–113	3'–8"	
3	MT–109	10'–3"	TRIM_53
4	MT–113	10'–3"	
5	MT–113	20'–2"	
6	MT–109	10'–3"	TRIM_52
7	JT–101	8'–3"	

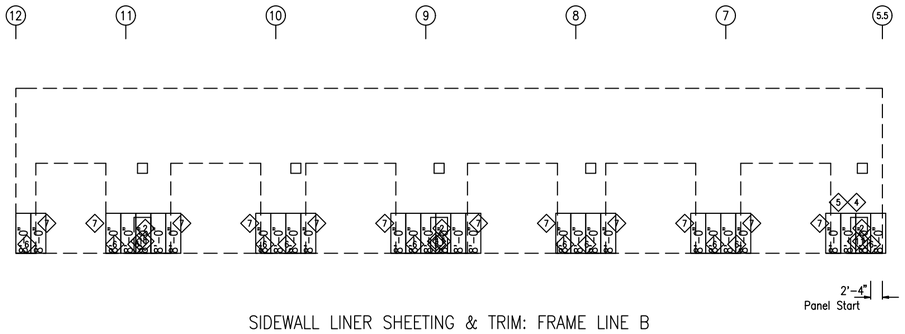


SIDEWALL LINER SHEETING & TRIM: FRAME LINE F

PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "A"



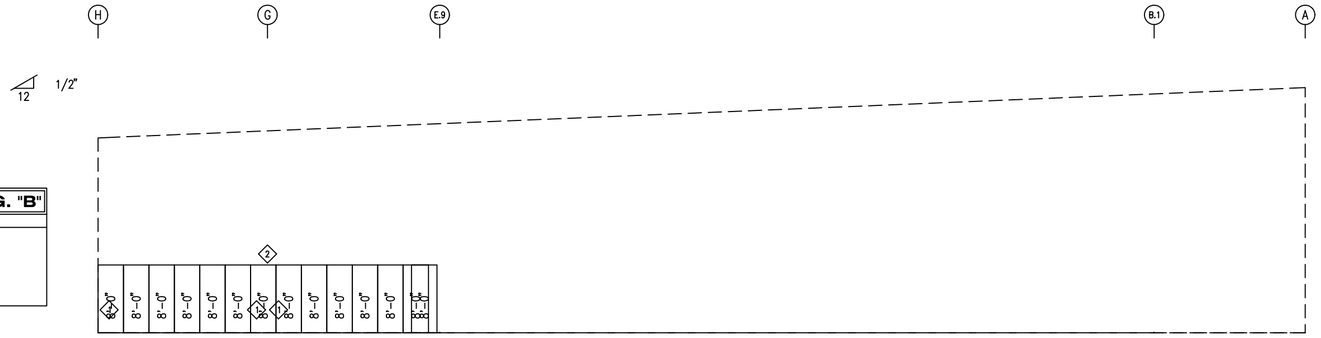
SIDEWALL LINER SHEETING & TRIM: FRAME LINE B

PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "A"

TRIM TABLE FRAME LINE 5.H			**BLDG. "B"**
◇ID	MARK	LENGTH	DETAIL
1	MT–109	10'–3"	TRIM_52
2	MT–113	20'–2"	
3	JT–101	8'–2"	
4	JT–101	7'–6"	
5	MT–113	3'–8"	
6	JT–101	8'–3"	

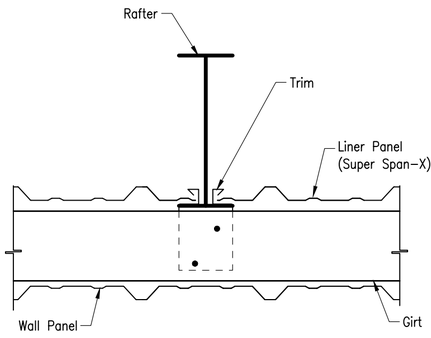


ENDWALL LINER SHEETING & TRIM: FRAME LINE 5.

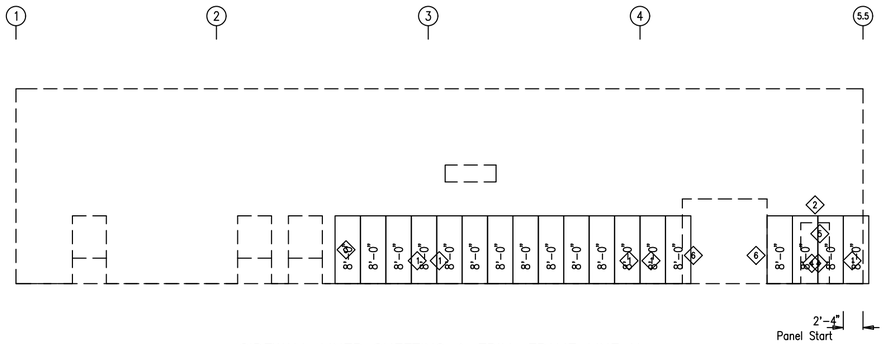
PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "B"



LINER DETAIL AT BY–PASS GIRT

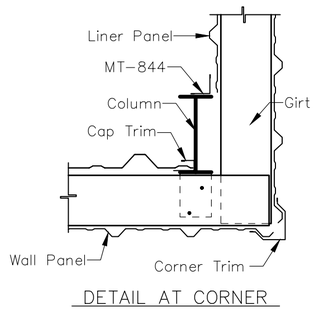


SIDEWALL LINER SHEETING & TRIM: FRAME LINE H

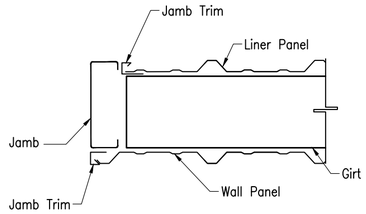
PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

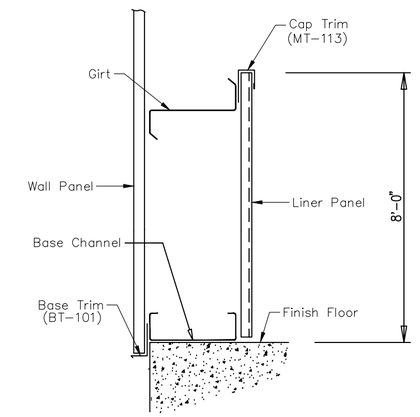
BLDG. "B"



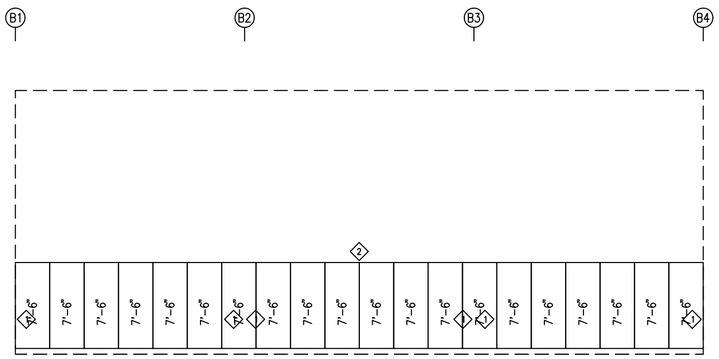
DETAIL AT CORNER



DETAIL AT JAMB



LINER DETAIL AT BASE



SIDEWALL LINER SHEETING & TRIM: FRAME LINE BB

PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "C"

TRIM TABLE FRAME LINE BB BA			**BLDG. "C"**
◇ID	MARK	LENGTH	DETAIL
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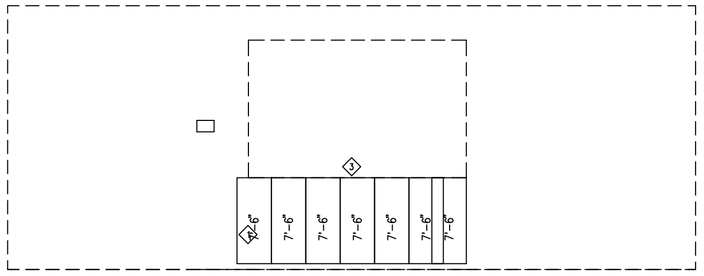
3	MT–113	10'–3"	



SIDEWALL LINER SHEETING & TRIM: FRAME LINE BA

PANELS: 26 Ga. Super Span X – NEED COLOR

(As Viewed From Inside Of Building)

BLDG. "C"

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08/15/2025

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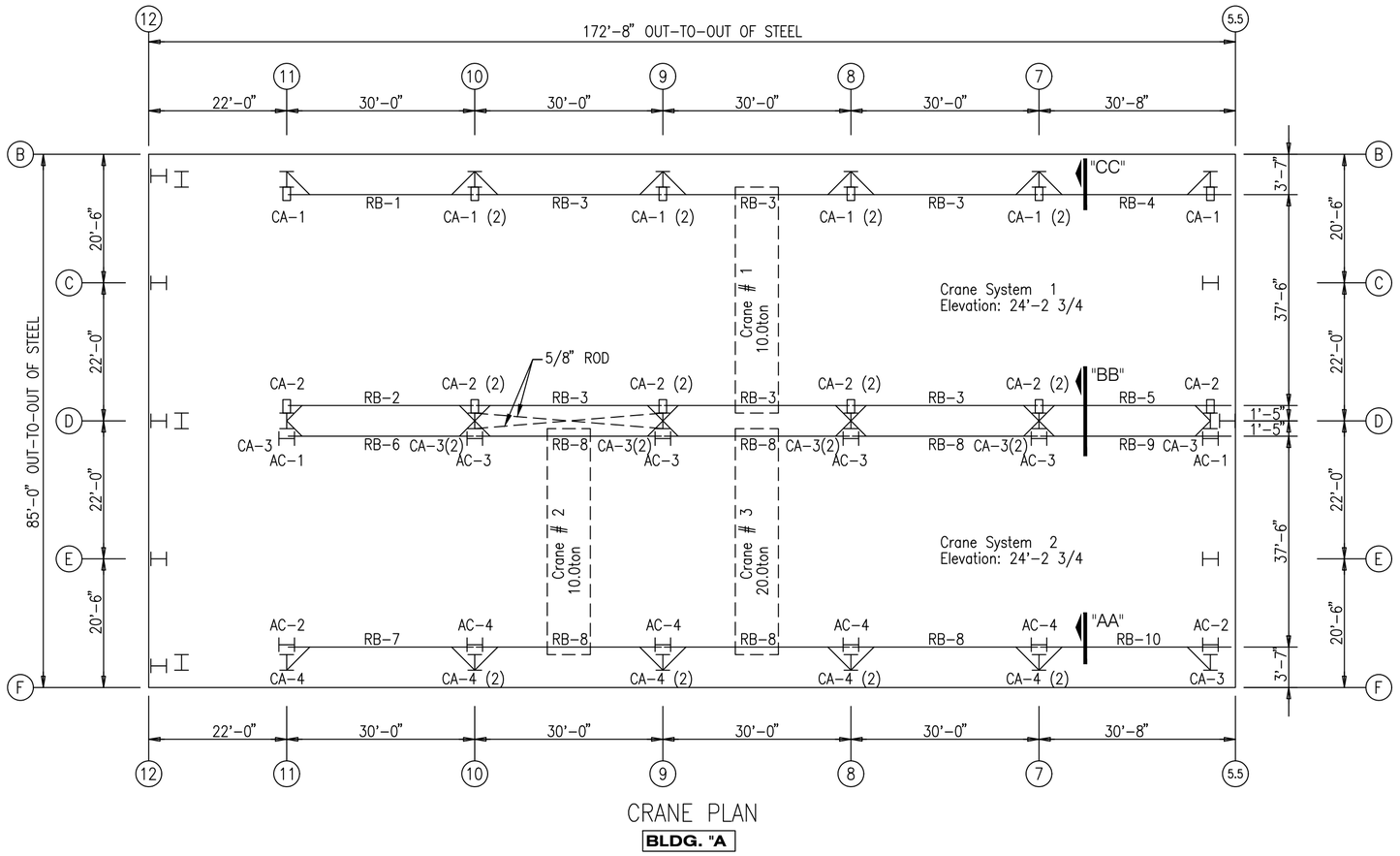
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: LINER SHEETING PLAN					BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882	DWG NO: E19	ISSUE: A1



CRANE PLAN

BLDG. "A

CRANE DATA

Crane Runway System: 1 (Bldg A: B-D/11-5.5)
# of Cranes: 1
Crane Same Bay Same Time: N/A
Distance between cranes: N/A
Capacity: 10 Tons
Type: TRSG
CMAA Service Class: C
Control Type: Remote
Bridge Span: 37'-6"
Bridge Weight: 7,200 lbs
Hoist & Weight: 1,400 lbs
Wheelbase: 8'-2 7/16"
Wheel Load: 12,520 lbs (Does Not Include Impact)
Runway Beam Span: 30'-0"
Runway Length: 150'-8"
Rail Size (ASCE): 60 lbs per yard(Not By MBP)

Crane Runway System: 2(Bldg A: D-F/11-5.5)

# of Cranes: 2
Crane Same Bay Same Time: Y
Distance between cranes: 2'-0" (Center-to Center of Adjacent Crane Wheels)

Crane 1
Capacity: 10 Tons
Type: TRSG
CMAA Service Class: C
Control Type: Remote
Bridge Span: 37'-6"
Bridge Weight: 7,200 lbs
Hoist & Weight: 1,400 lbs
Wheelbase: 8'-2 7/16"
Wheel Load: 12,520 lbs (Does Not Include Impact)
Runway Beam Span: 30'-0"
Runway Length: 150'-8"
Rail Size (ASCE): 60 lbs per yard(Not By MBP)

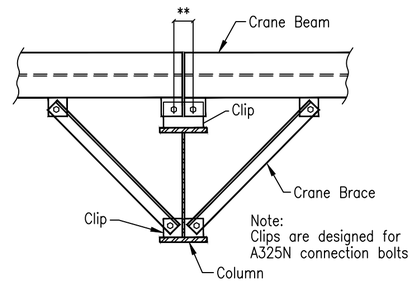
Crane 2
Capacity: 20 Tons
Type: TRDG
CMAA Service Class: C
Control Type: Remote
Bridge Span: 37'-6"
Bridge Weight: 11,800 lbs
Hoist & Weight: 2,000 lbs
Wheelbase: 10'-4"
Wheel Load: 23,950 lbs (Does Not Include Impact)
Runway Beam Span: 30'-0"
Runway Length: 150'-8"
Rail Size (ASCE): 60 lbs per yard(Not By MBP)

CMAA CRANE RUNWAY BEAM ERECTION TOLERANCES

ITEM	FIGURE	OVERALL TOLERANCE	MAXIMUM RATE OF CHANGE
CRANE SPAN (L) MEASURED AT CRANE WHEEL CONTACT SURFACE	max. L = L + A; ℄ OF WEB; SUPPORT POINTS (TYPICAL); min. L = L - A; NOMINAL SPAN L; Lr	L≤50' A=3/16" L>50'≤100' A=1/4" L>100' A=3/8"	1/8" IN 20'-0
STRAIGHTNESS (B)	℄ OF WEB; SUPPORT POINTS (TYPICAL); THEORETICAL ℄; +B; -B	B= 3/8"	1/8" IN 20'-0
ELEVATION (C)	TOP OF BEAM FOR TOP RUNNING CRANE; BOTTOM OF BEAM FOR UNDERHUNG CRANE; SUPPORT POINTS (TYPICAL); THEORETICAL HEIGHT; +C; -C	C= 3/8"	1/8" IN 20'-0
TOP RUNNING TRANSVERSE RAIL TO RAIL ELEVATION (D)	SPAN L; D	L≤50' D=±3/16" L>50'≤100' D=±1/4" L>100' D=±3/8"	1/8" IN 20'-0
CENTER OF RAIL OVER CENTER OF RUNWAY	0.5tw MAXIMUM; tw	Max=3/4 tw	

ERECTOR NOTE:
Bolts for crane systems should be installed with the bolt above and the nut below the connected parts.

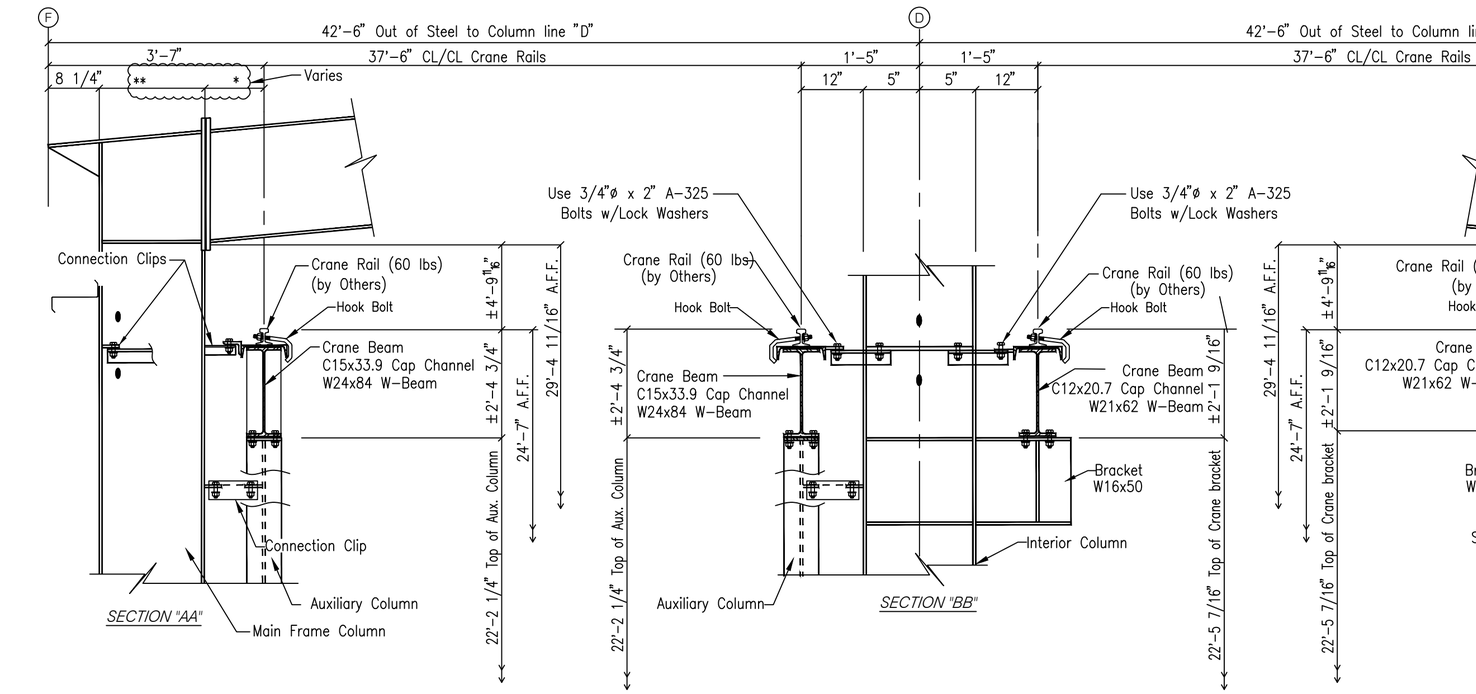
OWNER/ERECTOR NOTE:
Due to the dynamic nature of a crane system, bolts will tend to loosen over time. As a part of periodic maintenance all of the bolts for the crane runway system should be checked for tightness.

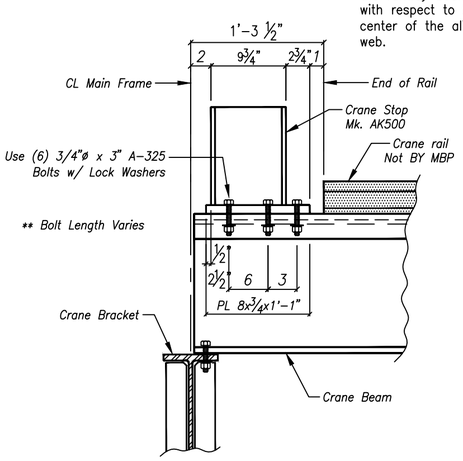


TYPICAL DETAIL @ CRANE BEAM BRACING

Erection tolerances are set forth in AISC Code of Standard Practice 7.11 except that individual members are considered plumb, level and aligned if the deviation does not exceed 1:300. Variations in finished overall dimensions of structural steel framing are deemed within the limits of good practice when they do not exceed the cumulative effect of rolling, fabricating, and erection tolerances.

When crane support systems are part of the metal building system erection tolerances Section 9, Common Industry Practices, 1996 MBMA Low Rise Building Systems Manual shall apply. To achieve the required tolerances grouting of the columns and shimming of the runway beams may be required. The customer shall provide grout if required. The contractor erecting the runway beams is responsible for shimming, plumbing, and leveling of the runway system. When aligning the runway beams the alignment shall be with respect to the beam webs so that the center of the aligned rail is over the runway web.





DETAIL @ CRANE STOP

NOTE:
-If tapered col. bracket needs to be located a min of 1' above taper.
-** Min. center of rail to inside flange shall not be less than 8". Also see OSHA reqs. below
-*6" Col. Flg.-Use 3/8" Plate, *8" Or More-Use C8x11.5
-Per OSHA reqs, an additional 3" shall be added to both vertical clearance at the hanch/crane trolley and side end truck clearance to the inside flange.
-Stiffener sizes: 2"x3/8" for 5&6" flanges, 3-1/2"x1/2" for 8" flanges, flanges>8" use stock flange material.
-Per MBMA max. recommended bracket load not to exceed 50 kips.

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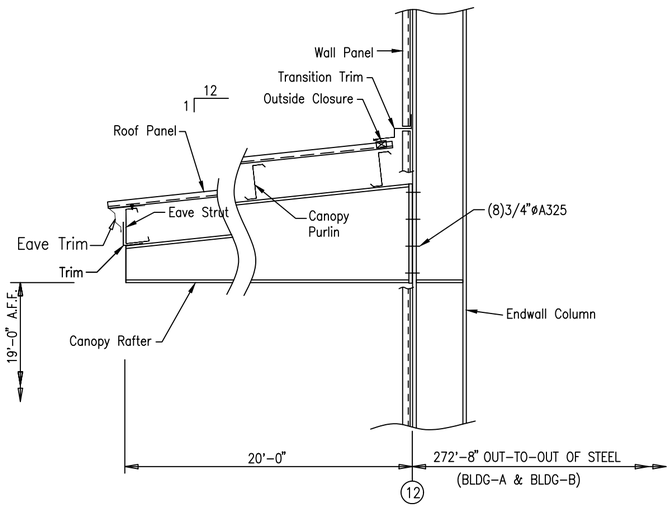
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

SHEET DESCRIPTION: CRANE PLAN & SECTIONS					BLDG SIZE: VARIES		
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street		
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rogue LA 70817					JOBSITE COUNTY: East Baton Rouge		
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E20	ISSUE: A1	



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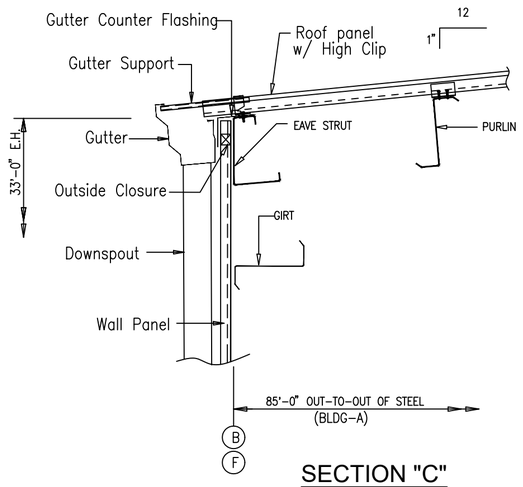

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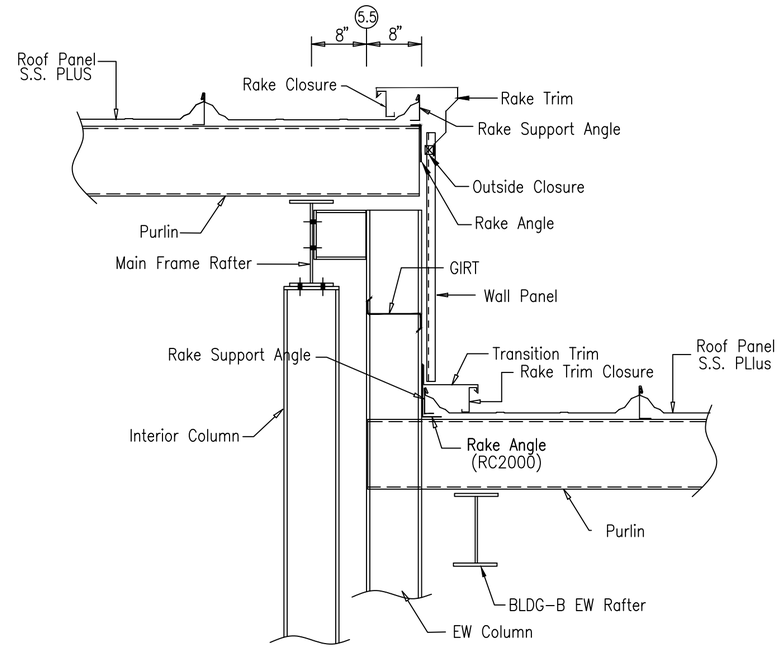

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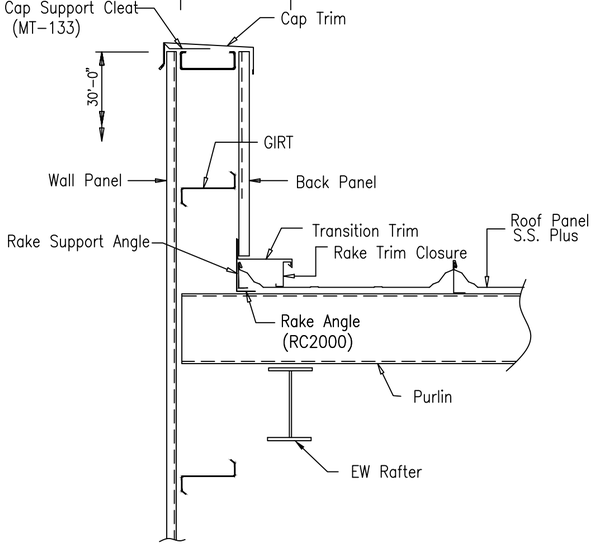

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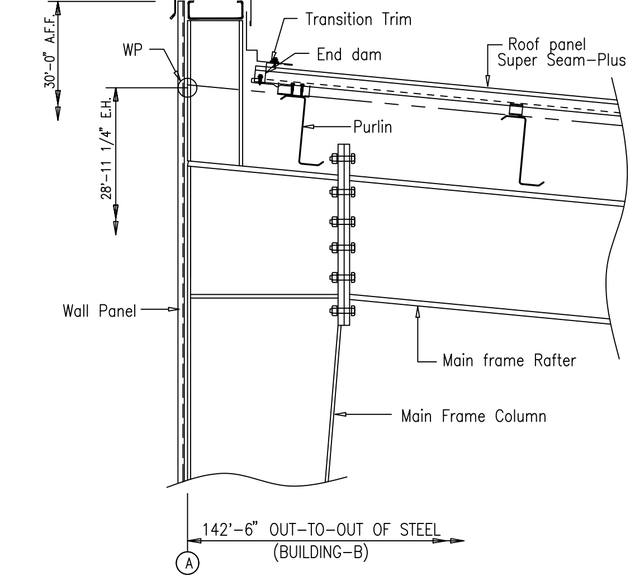

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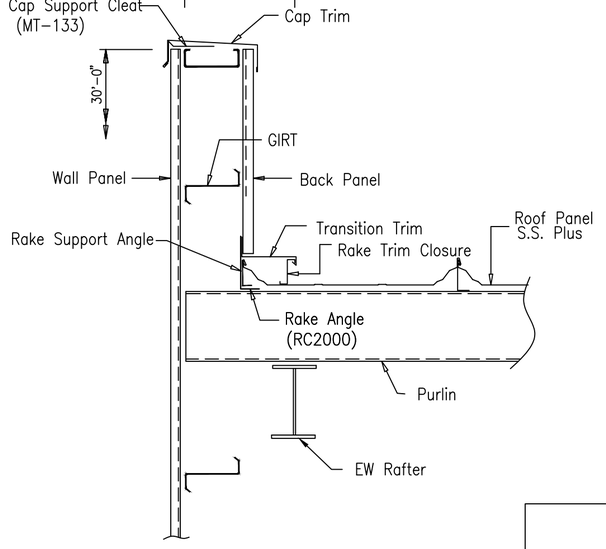

SECTION "G"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
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ISSUE	DATE	DESCRIPTION	BY	CHK
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SHEET DESCRIPTION: BUILDING SECTIONS					BLDG SIZE: VARIES	
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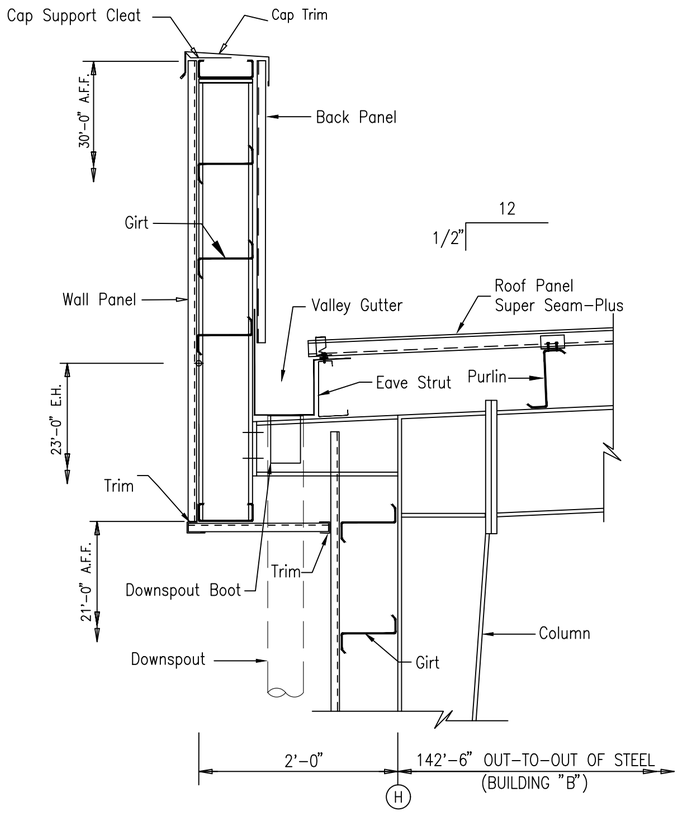
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E21	ISSUE: A1



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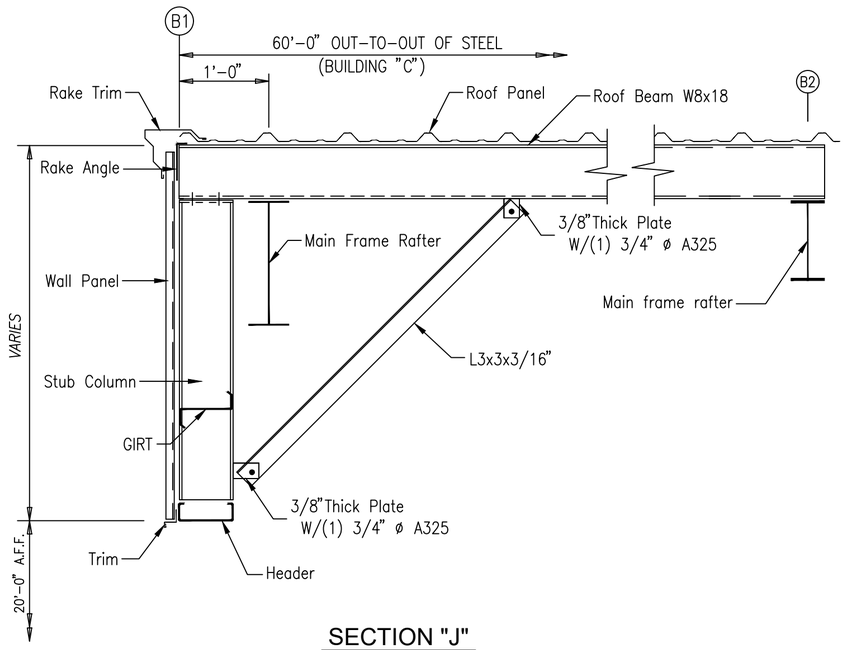

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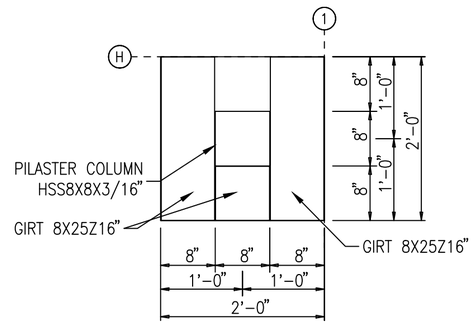
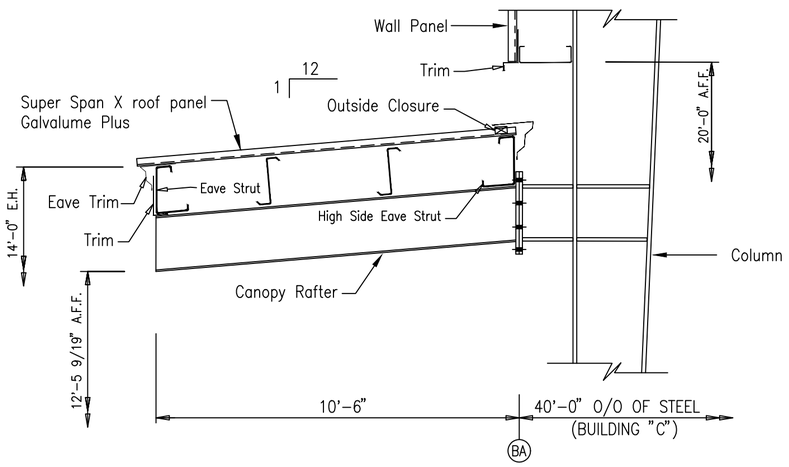
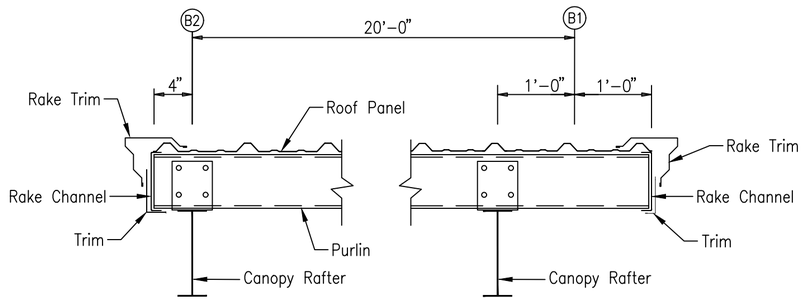


PILASTER DETAIL



SECTION "I"



SECTION "K" SECTION "L"

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

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ERECTOR NOTE: ONLY USE DRAWINGS ISSUED "FOR ERECTION" TO ERECT BUILDING

APPROVAL/REVIEWING AUTHORITY: PLEASE REVIEW APPROVAL DRAWINGS CAREFULLY

UNLESS NOTED OTHERWISE, IT WILL BE ASSUMED THAT ALL INFORMATION SHOWN ON THESE DRAWINGS HAS THE AFFIRMATION OF THE APPROVAL/REVIEW AUTHORITY. FAILURE TO RESPOND TO CLOUDED AREAS AND AREAS TO VERIFY MAY RESULT IN ADDITIONAL COSTS AND/OR SCHEDULE DELAYS FOR WHICH WHIRLWIND WILL NOT BE RESPONSIBLE. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION. ALL SUBSEQUENT CHANGES AFTER THE FIRST SUBMITTAL WILL BE CONSIDERED AS CONTRACTUAL CHANGES.

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- ☐ FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
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HOUSTON, TX 77234
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FAX: 832-553-4600

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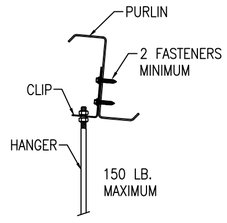
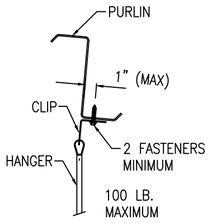
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

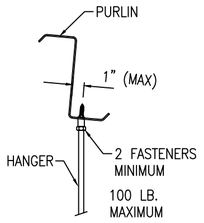
SHEET DESCRIPTION: BUILDING SECTIONS					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: E22	ISSUE: A1



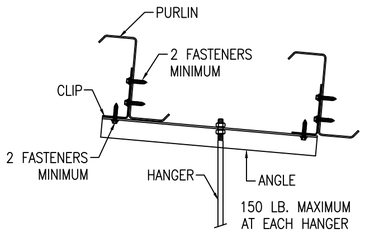
CLIP CONNECTED TO PURLIN WEB



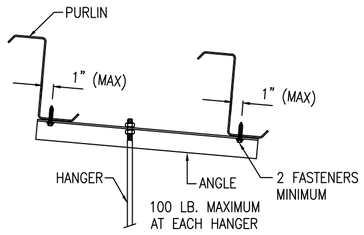
CLIP CONNECTED TO PURLIN FLANGE



FASTENER TYPE ADAPTER TO PURLIN FLANGE



CLIP CONNECTION TO PURLIN WEB



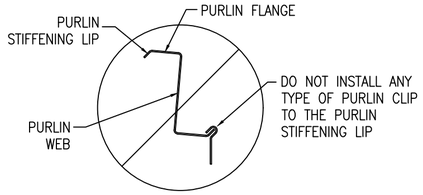
ANGLE CONNECTION TO PURLIN FLANGE

Metal Building Provider is providing the Purlin Only.All other Hardware and Accessories are not by Metal Building Provider.

The total hanger load shall not exceed the Design Collateral Load for the Building.
Example:
5'–0" Purlin Spacing X 5'–0" hanger spacing X
6 Psf Collateral Load = 150 Lbs. Hanger Load

See C1 for the Design Collateral Loads for this Building.

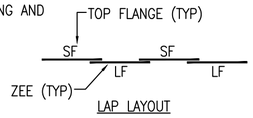
Note: If the building is designed for 0 Psf Collateral then adding any suspended system (i.e. Duct Work, Piping, Lights, Ceiling, Etc..) will correspondingly reduce the Design Live Load.



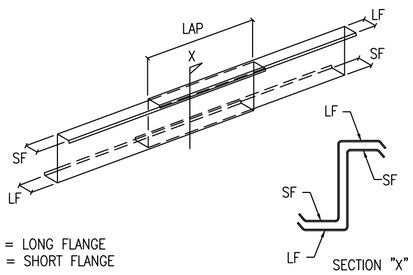
UNDER NO CIRCUMSTANCES CAN THE PURLIN STIFFENING LIP BE FIELD MODIFIED FROM THE FACTORY SUPPLIED CONDITION

ACCEPTABLE CONNECTIONS FOR BUILDING ACCESSORIES TO PURLIN ATTACHMENT

ROTATE EACH ZEE AS REQUIRED TO ALTERNATE BETWEEN THE LONG AND SHORT FLANGE

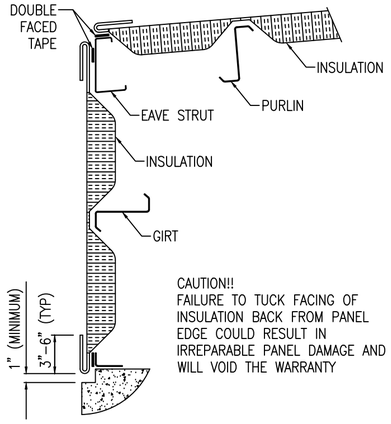


LAP LAYOUT



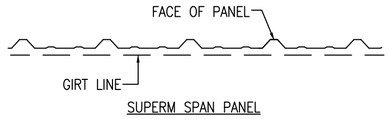
LF = LONG FLANGE
SF = SHORT FLANGE

ZEE LAP AT LONG AND SHORT FLANGES

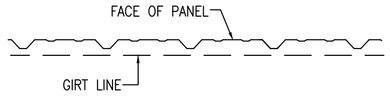


CAUTION!!
FAILURE TO TUCK FACING OF INSULATION BACK FROM PANEL EDGE COULD RESULT IN IRREPARABLE PANEL DAMAGE AND WILL VOID THE WARRANTY

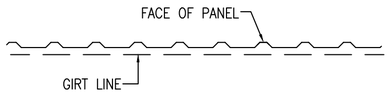
TYPICAL DETAIL AT BLANKET INSULATION



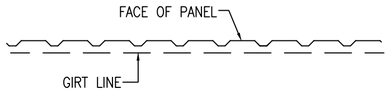
SUPERM SPAN PANEL



REVERSE–ROLL SUPER SPAN PANEL

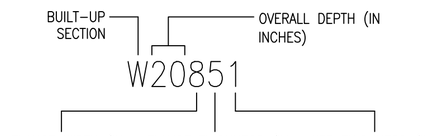


LOW RIB PANEL

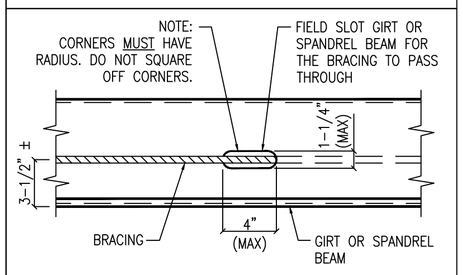


REVERSE–ROLL LOW RIB PANEL

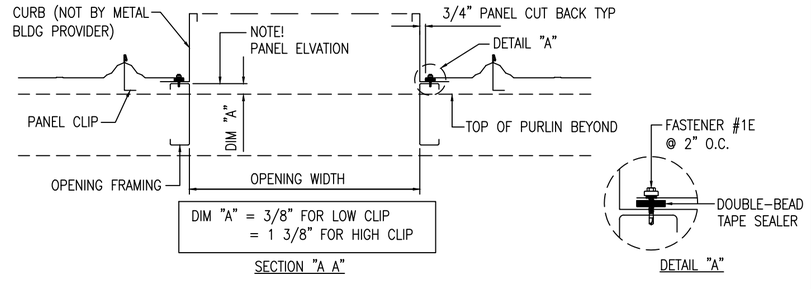
PANEL LAYOUT DETAILS SEE C1 FOR PANEL PROFILES SPECIFIED FOR THIS PROJECT



BUILT–UP SECTION LEGEND



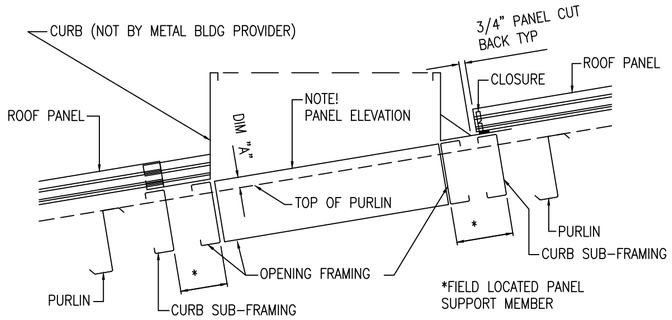
DETAIL @ FIELD LOCATED BRACING SLOT



SECTION "A A"

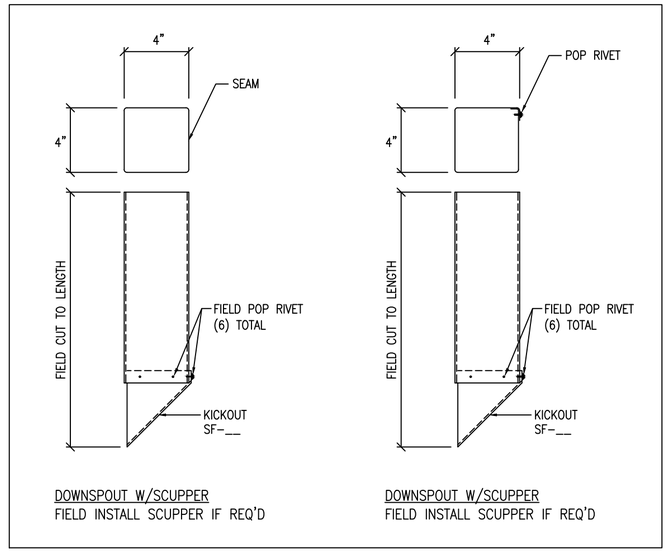
DETAIL "A"

NOTE!
FOR CLARITY, TAPE SEALANT, CLOSURES, CAULKING, ETC. MAY NOT BE SHOWN. REFER TO THE STANDING SEAM ERECTION MANUAL FOR ADDITIONAL INSTALLATION INSTRUCTIONS.



SECTION "BB"

ROOF FRAMED OPENING – STANDING SEAM ROOF SYSTEMS
SUPER SEAM II / SUPER SEAM PLUS / WEATHER LOK 16 ROOF SYSTEMS



DOWNSPOUT W/SCUPPER
FIELD INSTALL SCUPPER IF REQ'D

DOWNSPOUT W/SCUPPER
FIELD INSTALL SCUPPER IF REQ'D

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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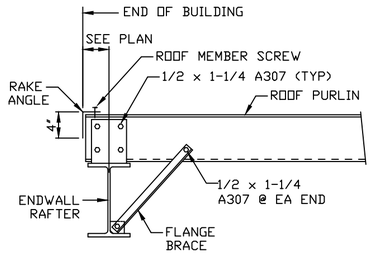
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

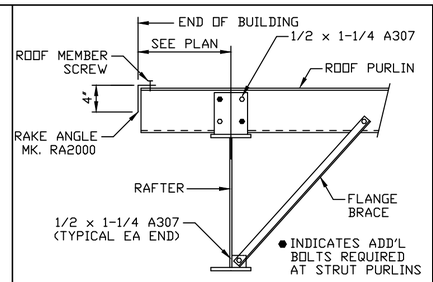
SHEET DESCRIPTION: STANDARD DETAILS PAGE						BLDG SIZE: VARIES	
CUSTOMER: Waukesha–Pearce Industries, LL						CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge							
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817						JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554–37882		DWG NO: D1	ISSUE: A1



IN CERTAIN CONDITIONS DIFFERENT BOLTS SIZES MAY BE REQUIRED. IN THESE INSTANCES THE REQUIRED BOLTS WILL BE SHOWN ON THE ERECTION PLANS.

B-B2

A7 ROOF PURLIN CONNECTION AT I-SHAPE ENDWALL RAFTER

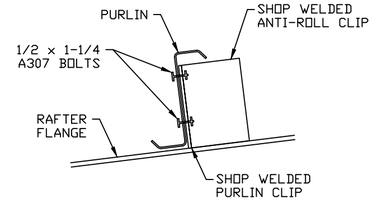


(2) 1/2 x 1-1/4 A307 REQUIRED AT STANDARD LAPS
(4) 1/2 x 1-1/4 A307 REQUIRED AT STRUT MEMBERS

** STRUT PURLIN IS A PURLIN LOCATED AT THE BRACE POINTS SEE PLANS FOR EXCEPTION TO SIZE & QTY OF BOLTS.

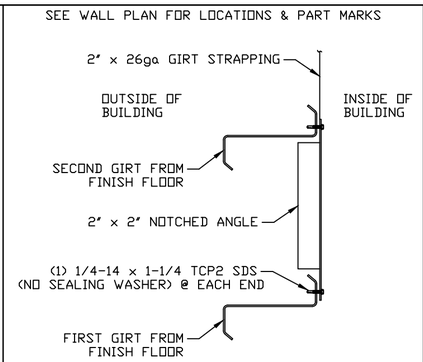
B-C1

A10 ROOF PURLIN CONNECTION AT MAIN FRAME ENDWALL



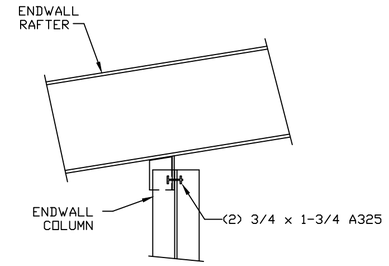
SOME PURLIN CLIPS WILL HAVE AN ADDITIONAL ANTI-ROLL CLIP ATTACHED. THE QUANTITY AND SPACING OF THESE CLIPS IS DETERMINED BY THE DESIGN FOR EACH SPECIFIC BUILDING.

ANTI DETAIL AT ANTI-ROLL CLIP



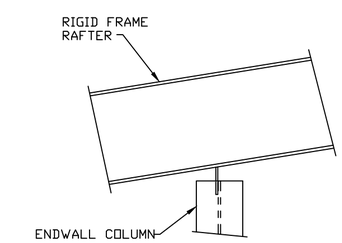
D-J1

ANGLE_2 LOWER GIRT REINFORCEMENT AT WALL STRAPPING



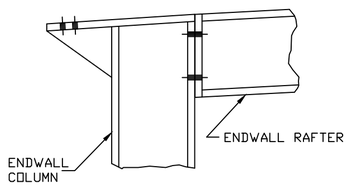
B-B6

B6 ENDWALL RAFTER TO COLUMN



B-C2

B19 COLUMN TO RIGID FRAME RAFTER

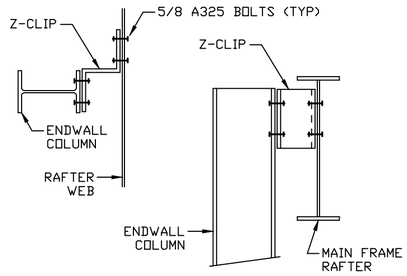


SEE ERECTION DRAWINGS FOR BOLT SIZE.

B-B11

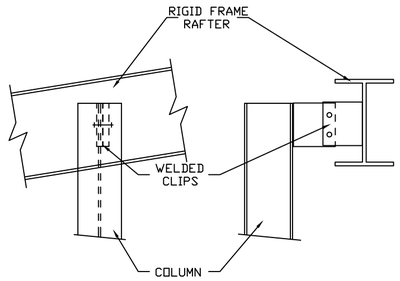
B24 CORNER COLUMN TO ENDWALL RAFTER

SEE PLANS FOR CLIP PART MARK AND REQUIRED BOLT LENGTH



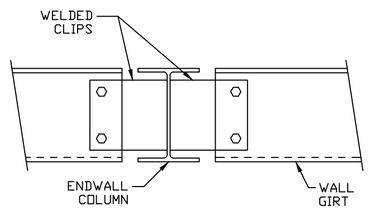
B-C5

B34 I-SHAPED ENDWALL COLUMN TO RIGID FRAME RAFTER



B35 R/W COLUMN TO RIGID FRAME RAFTER

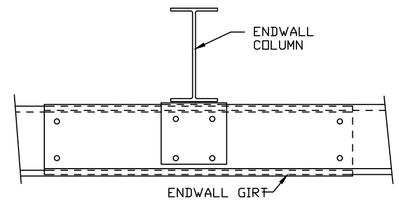
- (4) 1/2" x 1 1/4" A307 BOLTS (UNO)



D-B6

C6 FLUSH ENDWALL GIRT TO HOT-ROLLED or BUILT-UP COLUMN

- USE (8) 1/2" x 1" A307 BOLTS (UNO)

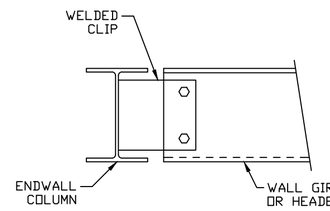


NOTE: FLANGE BRACES MAY BE PRESENT

D-C4

C12 BYPASS ENDWALL GIRT TO HOT-ROLLED or BUILT-UP COLUMN

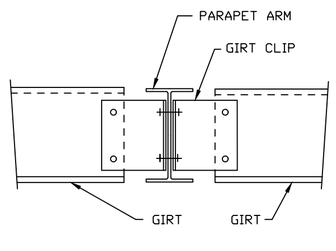
- USE (2) 1/2" x 1 1/4" A307 BOLTS (UNO)



D-B9

C15 GIRT/HEADER TO HOT-ROLLED or BUILT-UP COLUMN

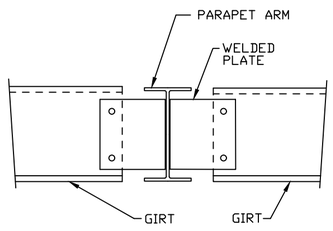
- USE (6) 1/2" x 1" A307 BOLTS (UNO)



D-B16

C29 GIRT TO HOT-ROLLED or BUILT-UP VERTICAL PARAPET BEAM

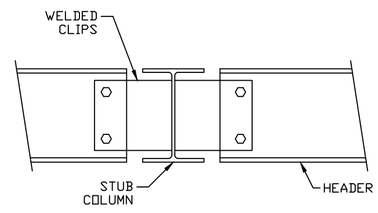
- USE (4) 1/2" x 1" A307 BOLTS (UNO)



D-B19

C32 GIRT TO HOT-ROLLED or BUILT-UP VERTICAL PARAPET BEAM

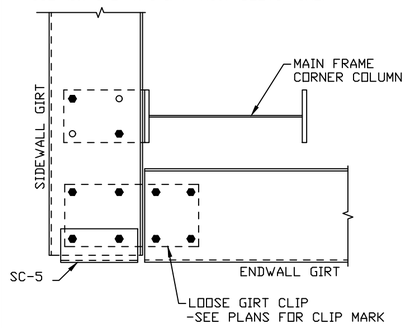
- USE (4) 1/2" x 1 1/4" A307 BOLTS (UNO)



D-B31

C66 GIRT/HEADER TO HOT-ROLLED or BUILT-UP COLUMN

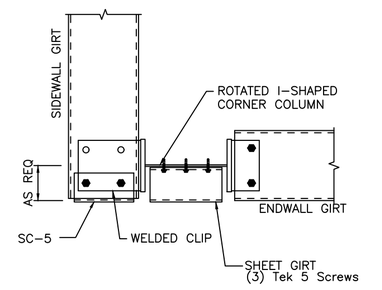
- USE (10) 1/2" x 1 1/4" A307 BOLTS (UNO)



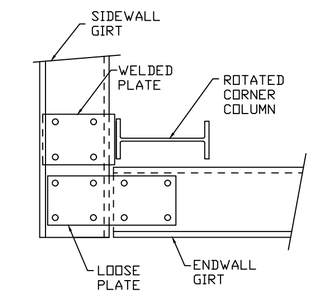
D-F3

D16 BYPASS SIDEWALL GIRT AT RIGID FRAME CORNER

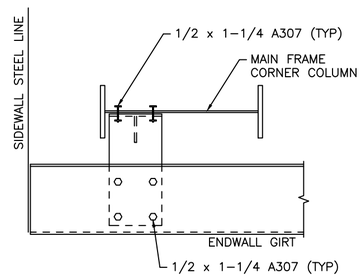
● REQ'D 1/2 x 1 1/4 A307 U.N. ON THE DRAWINGS



D17 CORNER COLUMN TO WALL GIRT

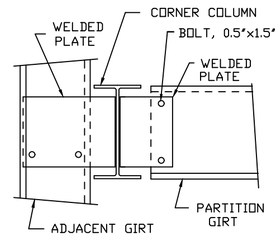


D18 CORNER COLUMN TO WALL GIRT



SEE ERECTION PLANS FOR CLIP PART MARKS

D27 GIRT CONNECTION AT CORNER SW & EW GIRTS AT DIFFERENT ELEVS.



D38 CORNER COLUMN TO WALL GIRT

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WHIRLWIND STEEL BUILDINGS

P.O. BOX 75280
HOUSTON, TX 77234

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FAX: 832-553-4600

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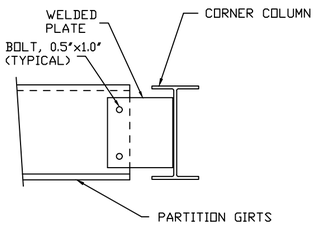
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

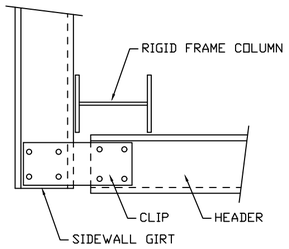
SHEET DESCRIPTION: STANDARD DETAILS PAGE					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: D2	ISSUE: A1

STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

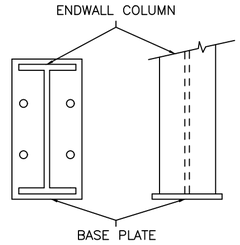
CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081



D49 CORNER COLUMN TO WALL GIRT

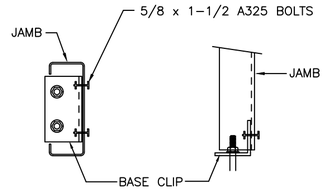


D60 HEADER TO SIDEWALL GIRT



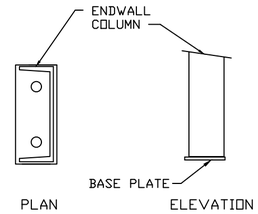
SEE BOLT SETTING PLAN FOR ACTUAL BOLT QTY.

E3 BASE PLATE FOR ENDWALL COLUMN

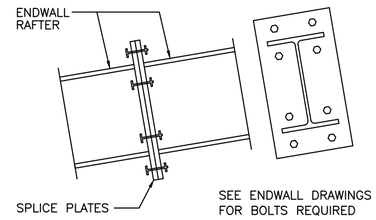


- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.
- SEE ERECTION PLANS FOR CLIP PART MARKS.

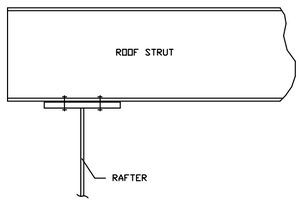
E6 BASE PLATE FOR DOOR JAMB



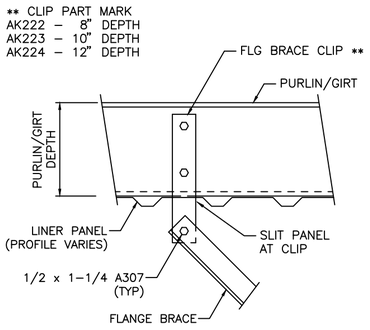
E11 BASE PLATE TO ENDWALL COLUMN OR DOOR JAMB



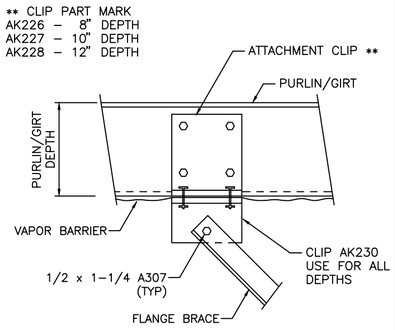
F9 RAFTER SPLICE ALONG SURFACE



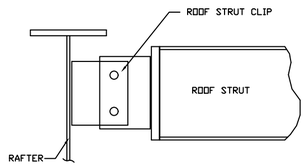
G17 BYPASS ROOF STRUT TO RIGID FRAME RAFTER



G25 FLANGE BRACE TO PURLIN/GIRT CLIP USE WITH LINER PANEL

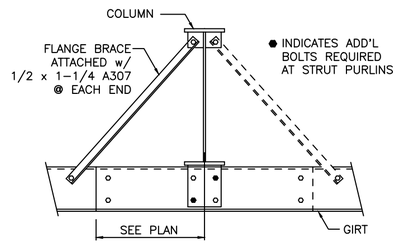


G26 FLANGE BRACE TO PURLIN/GIRT CLIPS OPTIONAL USE WITH VAPOR BARRIER



G31 FLUSH ROOF STRUT TO RIGID FRAME RAFTER

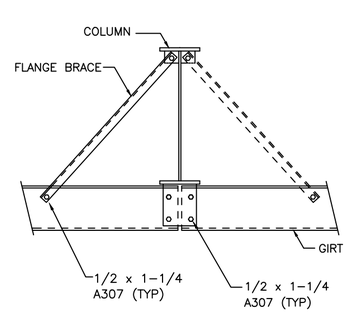
FLANGE BRACES MAY BE ON ONE OR BOTH SIDES
SEE FRAME CROSS-SECTION FOR LOCATIONS



(6) 1/2 x 1-1/4 A307 REQUIRED AT STANDARD LAPS
(8) 1/2 x 1-1/4 A307 REQUIRED AT STRUT MEMBERS
A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS. SEE PLANS FOR EXCEPTION TO SIZE & QTY OF BOLTS.

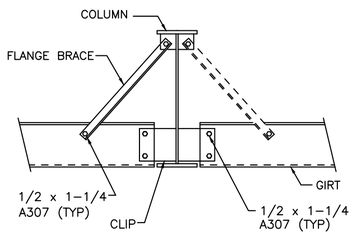
H2 WALL GIRT TO FRAME COLUMN

FLANGE BRACES MAY BE ON ONE OR BOTH SIDES
SEE FRAME CROSS-SECTION FOR LOCATIONS

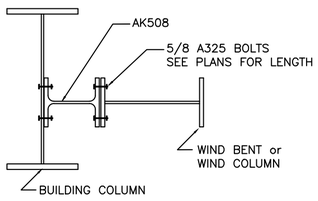


H4 WALL GIRT TO INTERIOR FRAME COLUMN

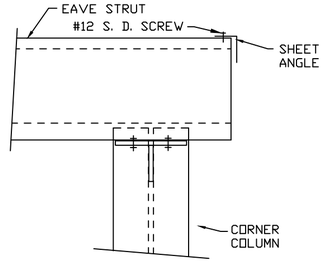
FLANGE BRACES MAY BE ON ONE OR BOTH SIDES
SEE FRAME CROSS-SECTION FOR LOCATIONS



H6 WALL GIRT TO INTERIOR FRAME COLUMN

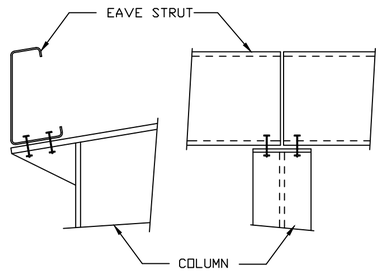


H10 WIND BENT OR WIND COLUMN TO BUILDING COLUMN



I14 EAVE STRUT TO CORNER COLUMN

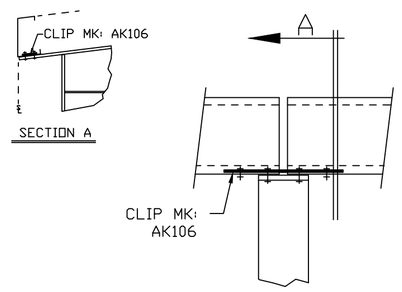
- USE (4) 1/2" x 1 1/4" A307 BOLTS (UNO)



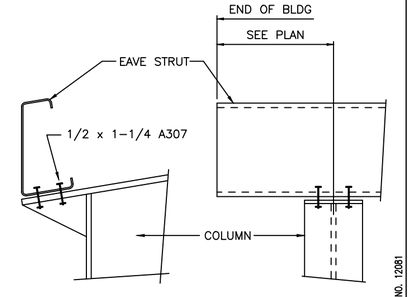
C-B2

J2 EAVE STRUT to RIGID FRAME BYPASS CONDITION

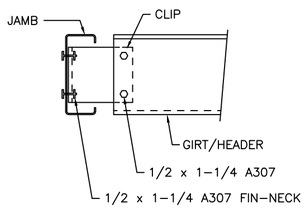
- USE (8) 1/2" x 1 1/2" A307 BOLTS (UNO)



J4 HEAVY LOADING EAVE STRUT BYPASS CONDITION

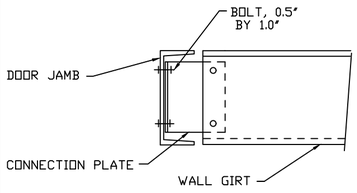


J24 EAVE STRUT TO RIGID FRAME



- CLIP LEG TURN DOWN
- SEE ERECTION PLANS FOR CLIP PART MARKS

K2 WALL GIRT TO DOOR JAMB



K8 WALL GIRT TO DOOR JAMB

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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DENNIS MARSHALL HENSON
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PROFESSIONAL ENGINEER
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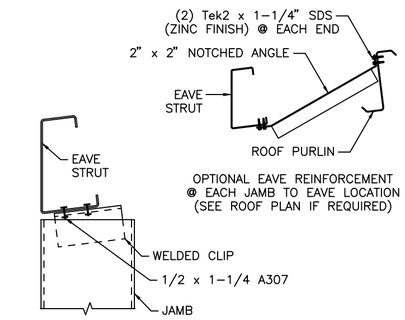
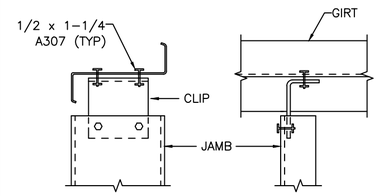
SEE ROOF PLAN FOR LOCATIONS & PART MARKS

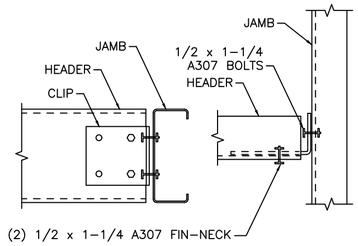


L3 DOOR JAMB TO EAVE STRUT (OPTIONAL REINFORCEMENT SHOWN)



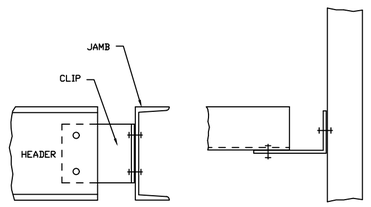
SEE ERECTION PLANS FOR CLIP PART MARKS (TYP)

L6 DOOR JAMB TO WALL GIRT

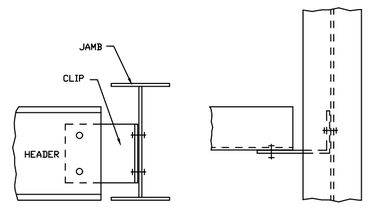


SEE ERECTION PLANS FOR CLIP PART MARKS (TYP)

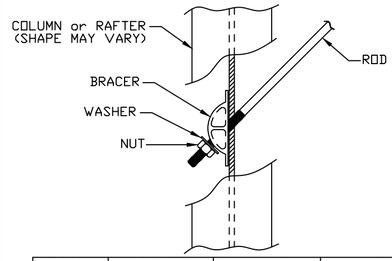
M1 HEADER TO CEE JAMB



M6 HEADER TO U JAMB



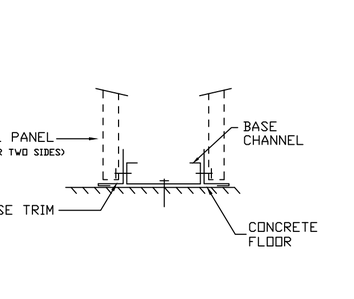
M12 HEADER TO R/W JAMB



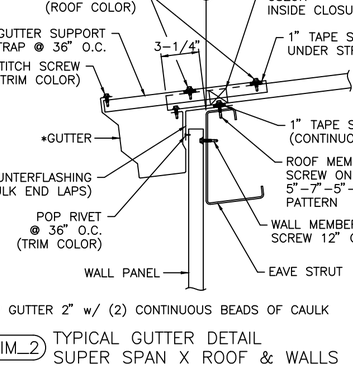
ROD SIZE	BRACER	WASHER	NUT
1/2"	BRACER #1	F844 1/2"	A563 1/2"
5/8"	BRACER #1	F844 5/8"	A563 5/8"
3/4"	BRACER #2	F844 3/4"	A563 3/4"
1"	BRACER #3	F844 1"	A563 1"
1 1/4"	BRACER #4	F844 1 1/4"	A563 1 1/4"

B-F2

Q3 DIAGONAL ROD BRACING INSTALLATION



Q7 BACK BRACE TO R/W STUB COLUMN



Q14 BACK BRACE TO ROOF STRUT

- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.
- SEE BOLT SETTING PLAN FOR ACTUAL BOLT QTY.

R2 ANCHOR RODS AT SIDEWALL COLUMN

- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.
- SEE BOLT SETTING PLAN FOR ACTUAL BOLT QTY.

S1 ANCHOR RODS AT INTERIOR COLUMN

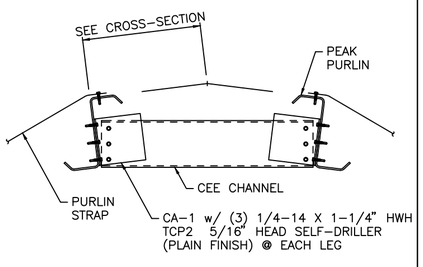
- ALL ANCHOR RODS (BY OTHERS) TO HAVE NUTS AND FLAT WASHERS.
- SEE BOLT SETTING PLAN FOR ACTUAL BOLT QTY.

S5 ANCHOR RODS AT INTERIOR COLUMN

NOTES:
Seating Torque: 30 - 60 in-lbs
Recommended Driving Tool:
1800 RPM screw gun with depth sensing nosepiece to prevent overdriving and stripout

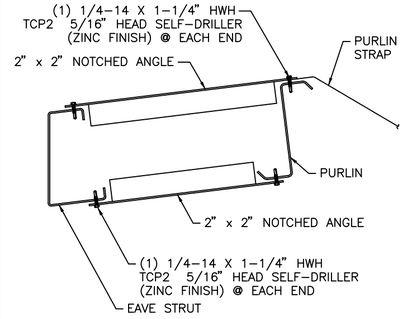
SCREW_3 STANDARD FASTENERS MISCELLANEOUS

SEE ROOF PLAN FOR LOCATIONS & PART MARKS



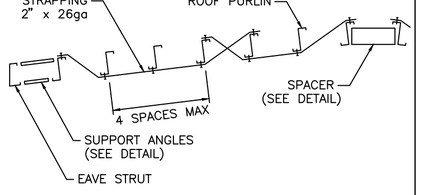
SCREW_5 TYPICAL PEAK SPACER @ STRAP SUPER SPAN X ROOF

SEE ROOF PLAN FOR LOCATIONS & PART MARKS



SCREW_6 EAVE REINFORCEMENT @ STRAP SUPER SPAN X ROOF

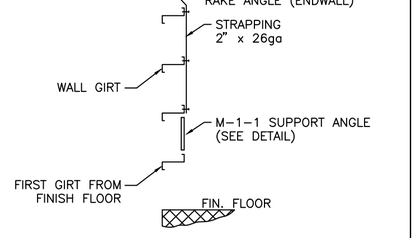
SEE ROOF PLAN FOR LOCATIONS & PART MARKS



- STRAPPING MUST BE PULLED TIGHT BEFORE ATTACHING
- ATTACH STRAP TO EACH PURLIN w/ (1) 1/4-14 X 1-1/4" HWH TCP2 5/16" HEAD SELF-DRILLER (NO SEALING WASHER)

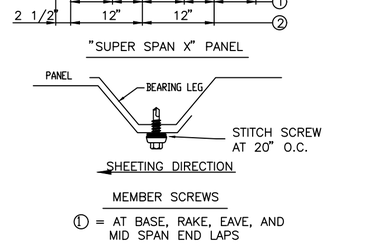
SCREW_7 PURLIN STRAP LAYOUT SUPER SPAN X ROOF - PEAKED

SEE ENDWALL PLAN FOR LOCATIONS & PART MARKS

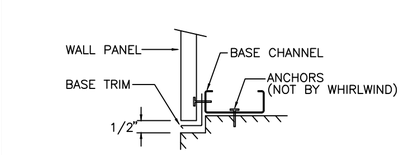


- STRAPPING MUST BE PULLED TIGHT BEFORE ATTACHING
- ATTACH STRAP TO EACH GIRT AND TOP MEMBER w/ (1) 1/4-14 x 1-1/4 TCP2 SDS (NO SEALING WASHER)

SCREW_9 GIRT STRAP ATTACHMENT DETAIL AT WALLS



SCREW_25 FASTENER PATTERN FOR WALL PANEL (SUPER SPAN X)



- PANELS MUST NOT REST ON CONCRETE OR PANEL WARRANTY WILL BE VOID.
- ANCHORS MUST BE ADEQUATE TO SAFELY RESIST THE LOADS IN THE REACTION REPORT.
- WALL MEMBER SCREWS ARE AT 6" O.C AT THE BASE MEMBER.

T2 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION

T12 SECTION THRU PARTITION BASE AND CONCRETE FLOOR

SEE PLANS FOR PART MARKS

*LAP GUTTER 2" w/ (2) CONTINUOUS BEADS OF CAULK

TRIM_2 TYPICAL GUTTER DETAIL SUPER SPAN X ROOF & WALLS

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08/15/2025

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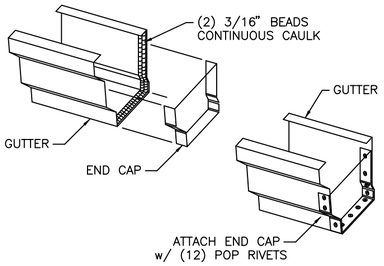
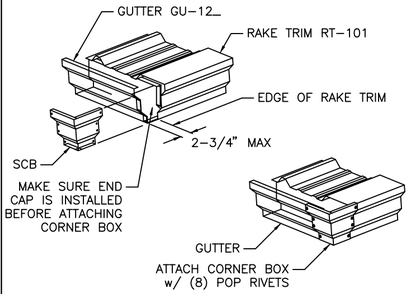
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882		DWG NO: D4	ISSUE: A1

SEE PLANS FOR PART MARKS



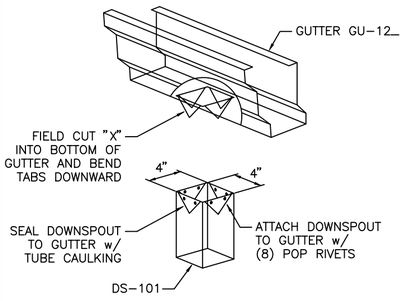
MAKE SURE THE END OF THE GUTTER IS FLUSH WITH THE OUTSIDE FACE OF THE FINISHED END WALL AND THERE ARE NO BREAKS IN THE BEADS OF CAULK

TRIM_4 GUTTER END CAP ATTACHMENT

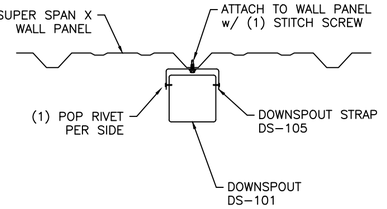


MAKE SURE THE END OF THE GUTTER IS FLUSH WITH THE OUTSIDE FACE OF THE FINISHED END WALL

TRIM_5 CORNER BOX ATTACHMENT



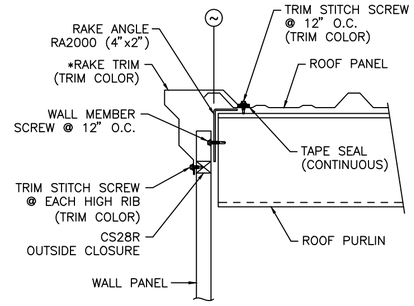
TRIM_6 DOWNSPOUT ATTACHMENT @ GUTTER



ATTACH ONE DS-105 STRAP AT THE BASE OF THE DOWNSPOUT THEN APPROXIMATELY 5'-0" CENTERS (8'-0" MAX.)

TRIM_7 DOWNSPOUT STRAP ATTACHMENT

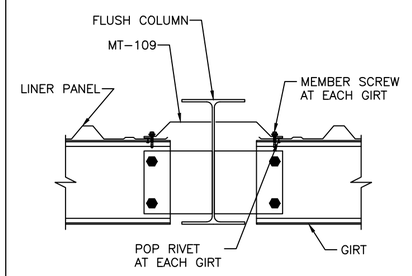
SEE PLANS FOR PART MARKS



*LAP RAKE TRIM 2" w/ (1) CONTINUOUS BEAD OF CAULK

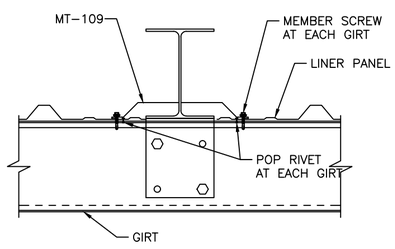
TRIM_18 TYPICAL RAKE DETAIL SUPER SPAN X ROOF & WALLS

LINER PANEL ARE TO BE FIELD CUT AS REQ'D

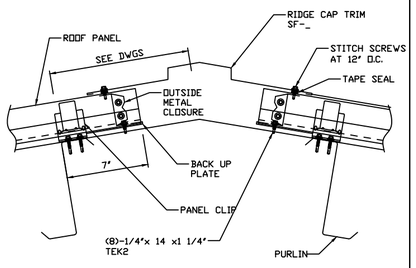


TRIM_52 LINER PANEL FLUSH COL INSTALLATION SUPER SPAN X

LINER PANEL ARE TO BE FIELD CUT AS REQ'D

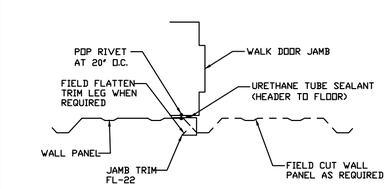


TRIM_53 LINER PANEL BY-PASS COL INSTALLATION SUPER SPAN X

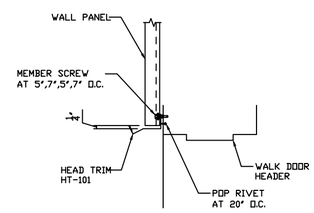


TRIM_56 RIDGE CAP INSTALLATION (SUPER SEAM II AND PLUS)

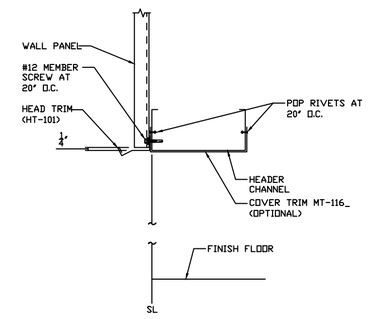
NOTE: ALL TRIM IS TO BE INSTALLED BEFORE BLANKET INSULATION IS APPLIED TO WALLS.



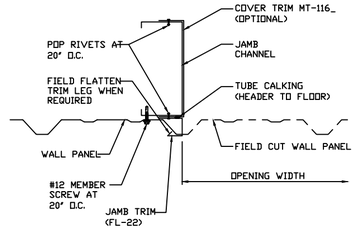
TRIM_64 WALK DOOR STD JAMB TRIM (SUPER SPAN X)



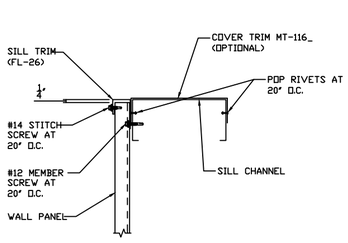
TRIM_65 WALK DOOR STD HEAD TRIM (SUPER SPAN X)



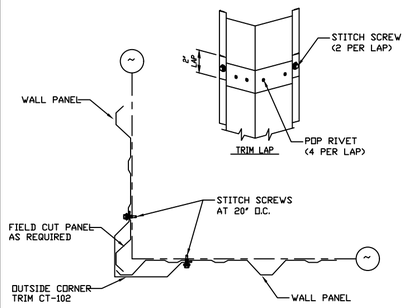
TRIM_178 HEAD TRIM DETAIL (SUPER SPAN X)



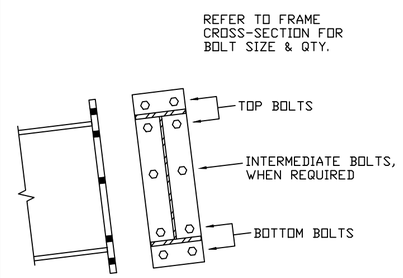
TRIM_179 JAMB TRIM DETAIL (SUPER SPAN X)



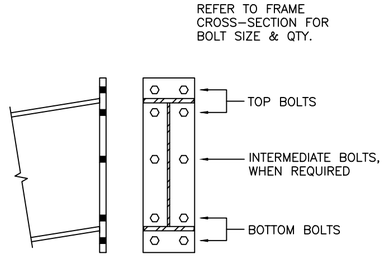
TRIM_180 SILL TRIM DETAIL (SUPER SPAN X)



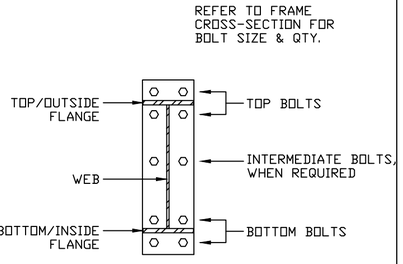
TRIM_203 CORNER TRIM INSTALLATION (SUPER SPAN X)



U1 BOLTED END PLATE RAFTER SPLICE

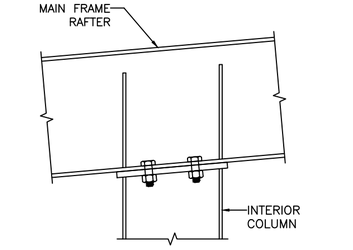


U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



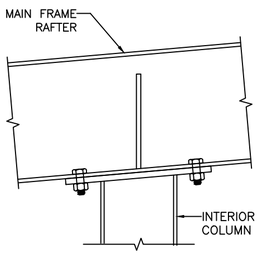
B-A12

U3 BOLTS FOR RAFTER TO COLUMN CONNECTION



- SHAPE OF RAFTER MAY VARY. SEE FRAME CROSS-SECTION FOR ACTUAL PROFILE AND DIMENSIONS.
- SEE CROSS-SECTION FOR CONN. BOLT REQUIREMENTS.

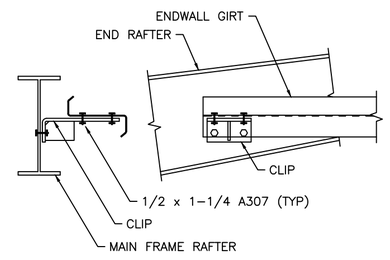
V1 INTERIOR COLUMN TO RAFTER CONN.



- SHAPE OF RAFTER MAY VARY. SEE FRAME CROSS-SECTION FOR ACTUAL PROFILE AND DIMENSIONS.
- SEE CROSS-SECTION FOR CONN. BOLT REQUIREMENTS.

V3 INTERIOR COLUMN TO RAFTER CONN.

SEE PLANS FOR CLIP PART MARK



W8 ENDWALL GIRT TO MAIN FRAME RAFTER

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STATE OF LOUISIANA
DENNIS MARSHALL HENSON
License No. 44173
PROFESSIONAL ENGINEER
08/15/2025

CITY OF HOUSTON REGISTRATION NO. 165 / STATE OF TEXAS FIRM NO. 12081

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- ☐ FOR CONSTRUCTION PERMIT: These drawings, being for permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered complete.
- ☐ FOR ERECTOR INSTALLATION: Final drawings for construction.

WHIRLWIND STEEL BUILDINGS
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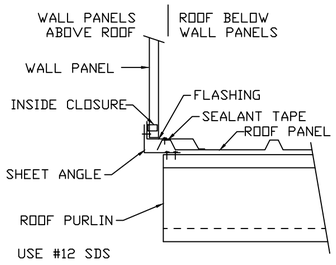
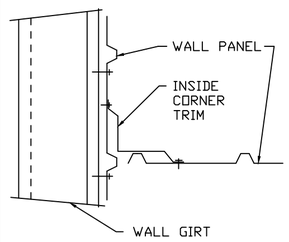
ISSUE	DATE	DESCRIPTION	BY	CHK
A1	08.15.25	FOR APPROVAL	NG	AM

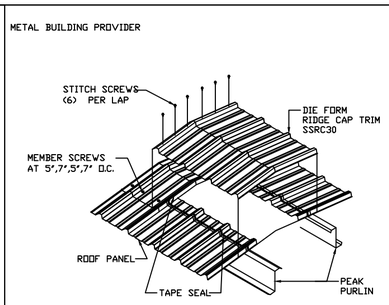
SHEET DESCRIPTION: STANDARD DETAILS PAGE					BLDG SIZE: VARIES	
CUSTOMER: Waukesha-Pearce Industries, LL					CUSTOMER LOCATION: 12320 S. Main Street	
PROJECT REFERENCE: WPI Baton Rouge						
JOBSITE LOCATION: Airline Highway, Baton Rouge LA 70817					JOBSITE COUNTY: East Baton Rouge	
DWN: NG	CHK: AM	DATE: 8/ 7/25	ENG: DMH	JOB NO: 14554-37882	DWG NO: D5	ISSUE: A1



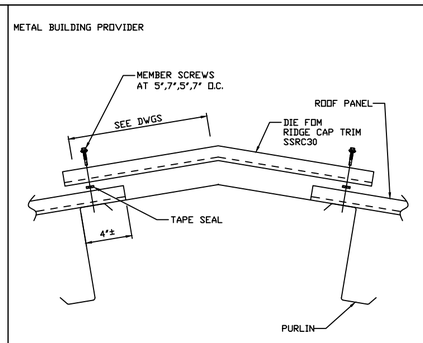
X1 SECTION THRU WALL PANELS ABOVE ROOF



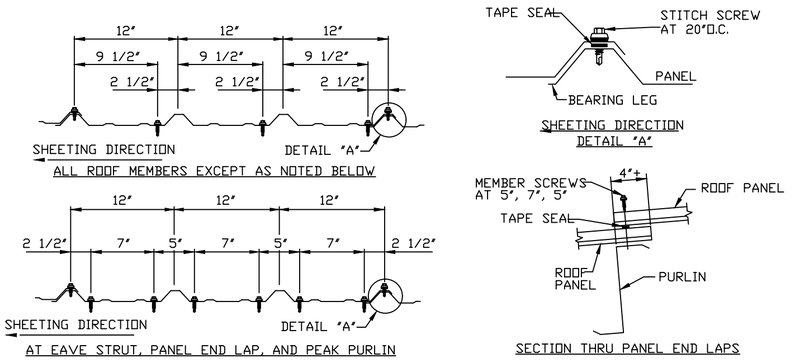
X2 SECTION THRU INSIDE CORNER OF WALL



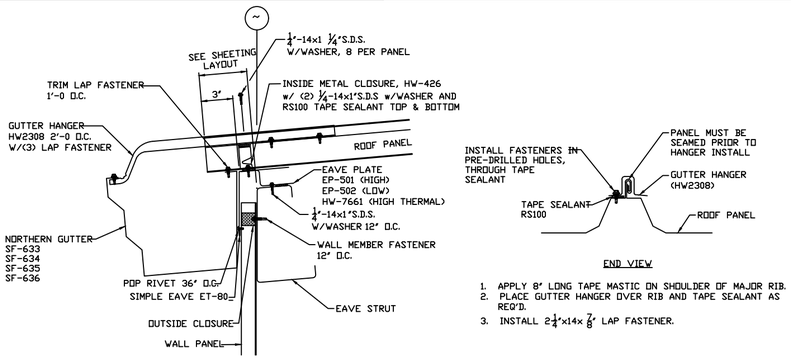
TRIM_54 DIE FORMED RIDGE CAP INSTALLATION (SUPER SPAN X)



TRIM_55 DIE FORM RIDGE CAP INSTALLATION (SUPER SPAN X)



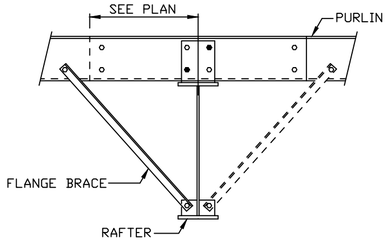
E-A7 FASTENER PATTERN FOR "SUPER SPAN X" ROOF PANEL



1. APPLY 8" LONG TAPE MASTIC ON SHOULDER OF MAJOR RIB.
2. PLACE GUTTER HANGER OVER RIB AND TAPE SEALANT AS REQ'D.
3. INSTALL 2 1/2"x14x 7/8" LAP FASTENER.

TRIM_303 EAVE GUTTER, NORTHERN AT SHEETED WALL, WITH SS-II & SS-PLUS (SW NORTHERN STYLE)

FLANGE BRACES MAY BE ON ONE OR BOTH SIDES
SEE FRAME CROSS-SECTION FOR LOCATIONS



● INDICATES ADD'L BOLTS REQUIRED AT STRUT PURLINS

A STRUT MEMBER IS A PURLIN LOCATED AT THE BRACE POINTS

BOLT REQUIREMENTS

ALL BOLTS ARE 1/2" x 1 1/4" A307 (UNO)

(6) BOLTS ARE REQUIRED AT STANDARD LAPS
(8) BOLTS ARE REQUIRED AT STRUT MEMBERS
(2) BOLTS ARE REQUIRED AT FLANGE BRACES

SEE PLANS FOR EXCEPTIONS TO SIZE & QTY OF BOLTS.

B-E1

G2 ROOF PURLIN TO INTERIOR FRAME RAFTER

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