

Special Use Permit Narrative – Accessory Building

****Applicant / Owner:****

Charles Dombeck

7230 Shady Grove Road

Keller, TX 76248

Phone: (757) 342-9120

Email: [REDACTED]

****Date:**** July 31, 2025

****To:****

City of Keller Community Development Department

Attention: Planning & Zoning Commission

****Re:**** Special Use Permit (SUP) Application —

Accessory Building at 7230 Shady Grove Rd

Dear Planning & Zoning Commissioners:

1. Property & Zoning Information

The subject property consists of a 1.25-acre homesite and an adjacent 5.15-acre vacant lot, for a total of approximately 6.4 acres under single ownership within the SF-36 zoning district in Keller, TX. The main dwelling is a residential structure with associated agricultural and personal storage use across this large combined property.

2. Proposed Accessory Structure

Charles Dombeck proposes construction of an accessory building located behind the main dwelling, situated on the rear portion of the larger combined parcel. The structure will feature a 60-foot by 60-foot enclosed interior footprint, with an additional 60-foot by 20-foot lean-to covered area extending off the southern (rear) side. The proposed peak height is approximately 26 feet. Given the expansive 6.4-acre parcel, the agricultural and vehicle storage intent, and its position fully behind the primary residence, this height is both reasonable and necessary. The structure will accommodate agricultural equipment, shop space, and vehicle clearance needs while remaining non-visible from the public right-of-way.

3. Intended Use & Purpose

- Automobile storage / cleanup: The building will store and shelter a portion of Mr. Dombeck's personal car collection in a neat, organized manner.
- Agricultural support: It will store feed, equipment, and tools to support livestock kept on the rear (agricultural) portion of the 6.4-acre lot—consistent with permitted agricultural accessory uses in SF-36 zoning.
- General workshop and garage use: The structure will serve as a workshop, hobby space, and garage for property maintenance.

4. Zoning Standards Compliance & Justification

- Location: The proposed building will be situated wholly behind the main residence, in compliance with UDC §8.10(A)(5).
- Height: The proposed height is 26 feet at peak. Given the scale of the lot and intended use, the height is justified and within the scope of SUP consideration.
- Setbacks & lot coverage: The building will meet SF-36 district setback requirements (e.g., ≥ 15 ft rear, appropriate side setbacks) and total coverage remains within allowable limits for a parcel of this size.
- Exterior materials: While City requirements call for masonry matching the primary residence, the use of metal siding is appropriate under agricultural exemption provisions for large rural parcels within SF-36 zoning.

5. SUP Criteria & Compatibility

Mr. Dombeck's request meets the SUP decision criteria under UDC §8.02(F)(2)(a):

1. Harmonious & compatible: The property is located in a semi-rural district where accessory agricultural uses and buildings are common.
2. Associated with permitted uses: The activities (vehicle storage, farm maintenance, livestock support) align with residential-agricultural uses allowed in SF-36.
3. Reasonable & appropriate: The overall scale, distance from neighbors, and agricultural context justify the building.
4. Minimal negative impact: The structure will be located behind the home, properly setback, screened if needed, and not visible from the street.
5. District intent upheld: The accessory building preserves open space, supports on-site agriculture, and avoids overbuilt density.

6. Additional Notes / Conditions

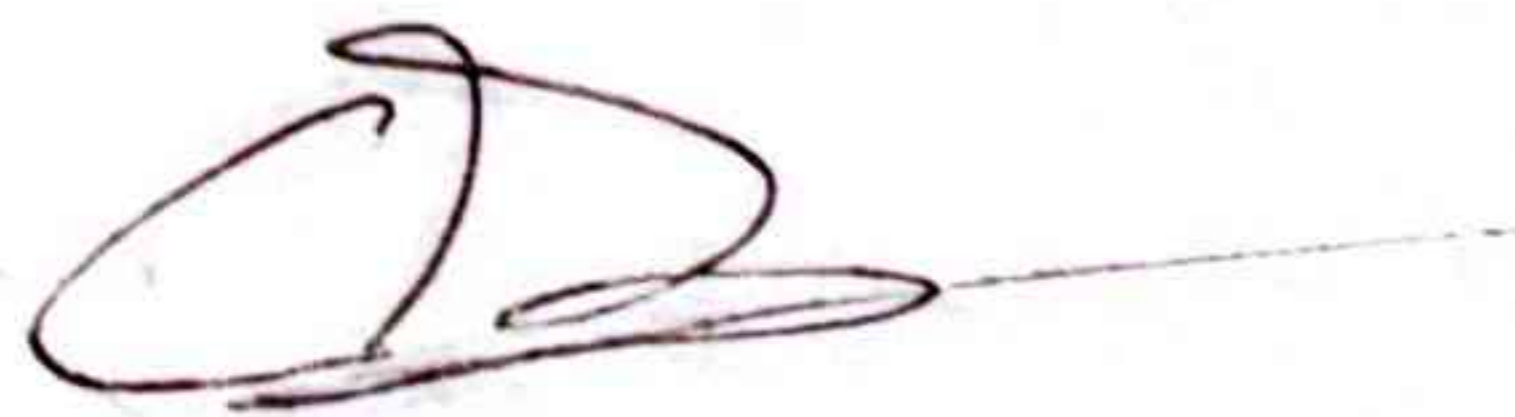
- A formal site plan, building elevations, foundation plan, and framing plan—detailing structure size, location, setbacks, height, materials, and load-bearing plans—will be supplied as required under City accessory building permit application procedures.
- Notifications will be sent to all property owners within 300 ft as required prior to the public hearing.

Conclusion

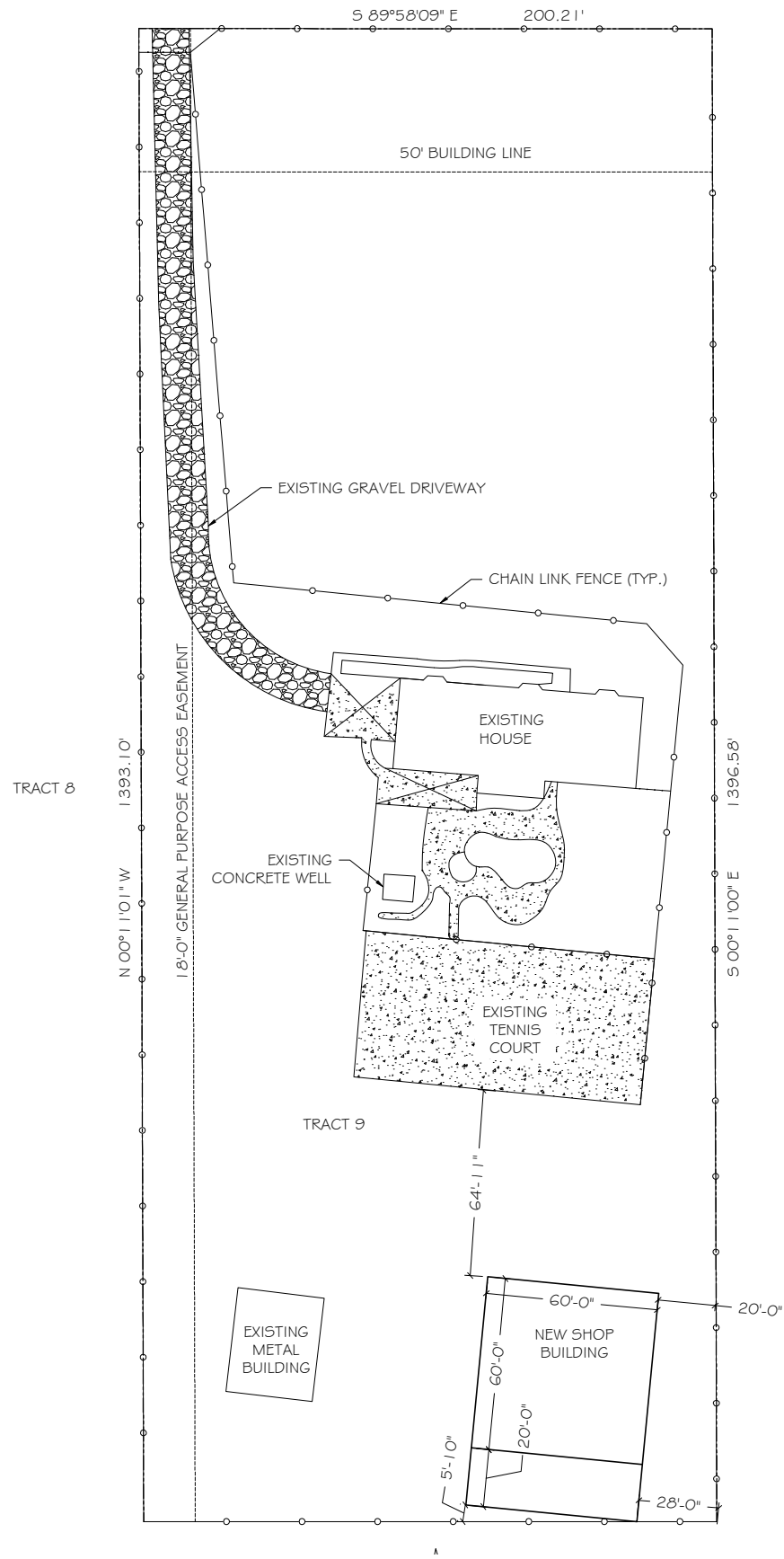
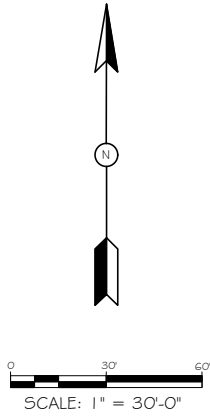
Mr. Dombeck respectfully requests consideration and issuance of a Special Use Permit to allow the proposed accessory building, which exceeds standard size and height limits by right, based on the above narrative demonstrating compliance with zoning code standards and SUP criteria in the SF-36 district.

Thank you for your consideration. Please contact me if additional information is required.

Sincerely,



Charles Dombeck
Owner & Applicant
7230 Shady Grove Road, Keller, TX
(757) 342-9120 [REDACTED]



SITE PLAN

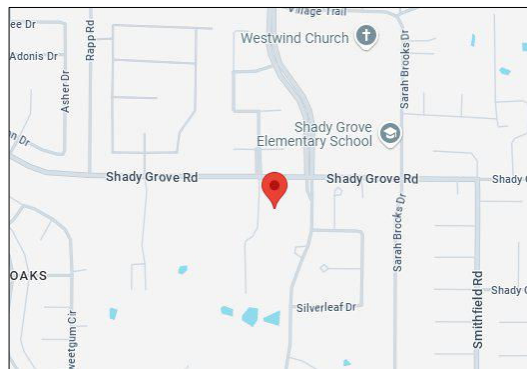
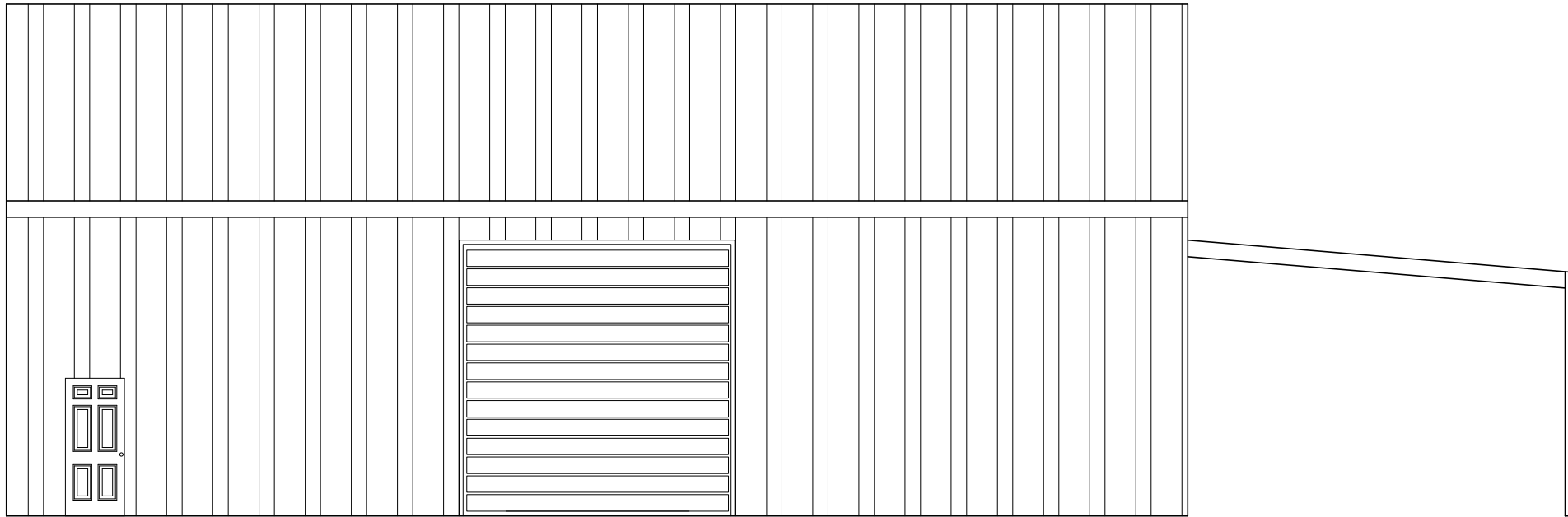


VICINITY MAP



SHEET NUMBER		S-01	
DRAWN		O. ELSAAD	
CHECKED		A. EL-SAAD	
APPLICANT		N/A	
ARCHITECT		N/A	
ENGINEER		O. ELSAAD	
DEVELOPER		N/A	
OWNER		N/A	
PROJECT:		7230 SHADY GROVE SHOP	
SHEET TITLE:		SITE PLAN	
		7230 SHADY GROVE ROAD, KELLER, TX 76248	
		TARRANT COUNTY	
		TRACT 9	
		CITY CASE NO: N/A	
		CCD CRESCENT CONSTRUCTION & DESIGN	
		PHONE: 817-371-0895	
		817-239-6050	
		REVISION OR CHANGE ORDER DESCRIPTION	
		DATE	
		NO.	

NEW SHOP CONSTRUCTION
7230 SHADY GROVE ROAD
KELLER, TX 76248
TRACT 9
TARRANT COUNTY



VICINITY MAP

SHEET INDEX

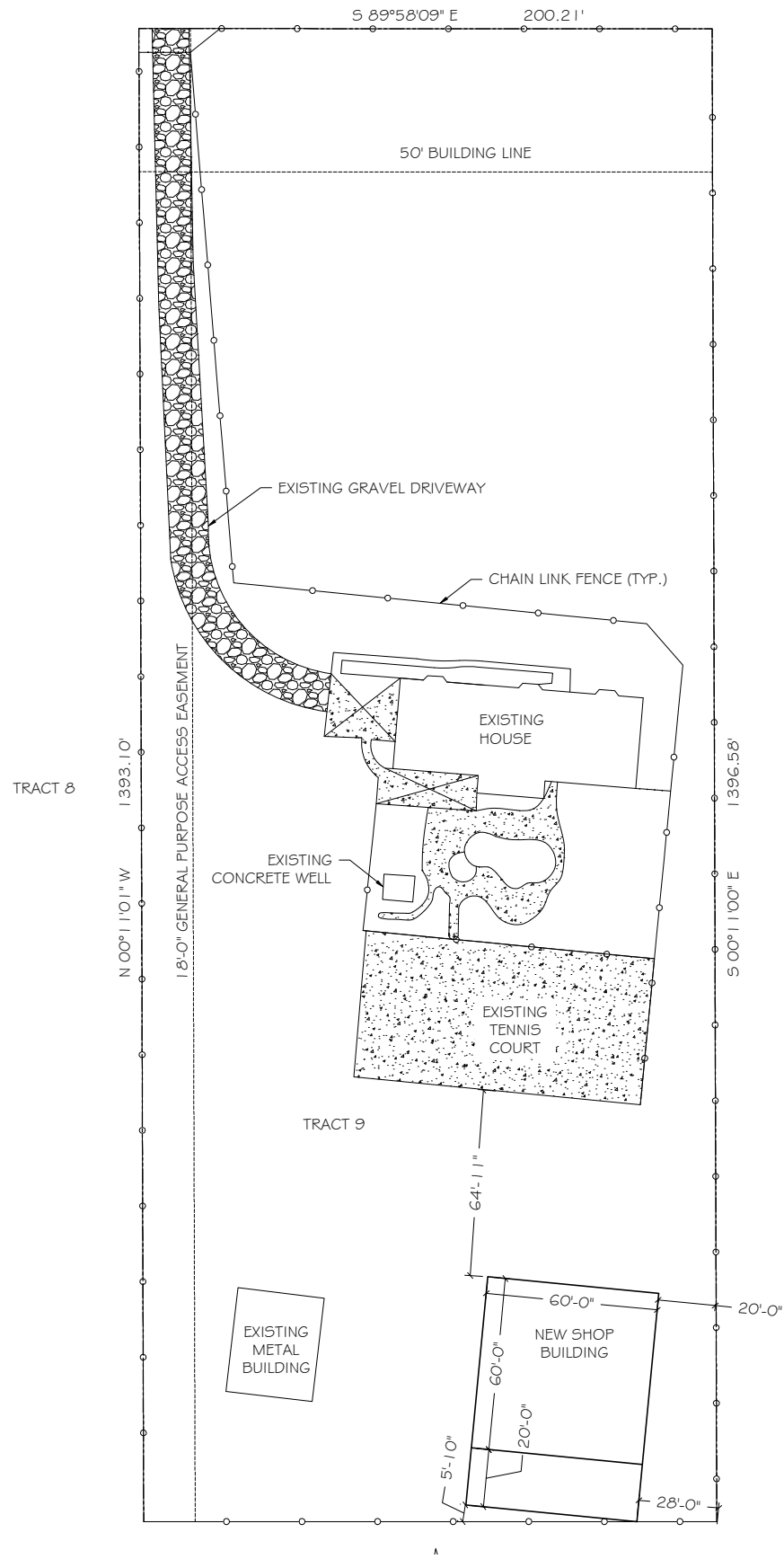
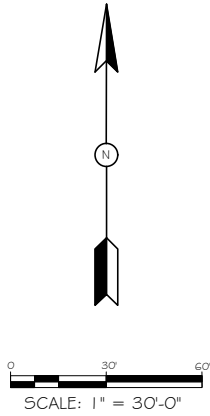
C-01	TITLE SHEET
S-01	SITE PLAN
D-01	DRAINAGE PLAN
F-01	FOUNDATION PLAN
F-02	FOUNDATION DETAILS
A-01	FLOOR PLAN
A-02	ROOF PLAN
A-03	ELECTRICAL PLAN
A-04-05	ELEVATIONS
ST-01	STEEL BUILDING FRAMING LINES
001-005	STEEL BUILDING DRAWINGS

SHEET NUMBER						C-01
 PHONE: 817-371-0895 817-239-6050						
DRAWN	O. ELSAAD					
CHECKED	A. EL-SAAD					
APPLICANT						N/A
ARCHITECT						N/A
ENGINEER						O. ELSAAD
DEVELOPER						N/A
OWNER						N/A
					NO.	DATE
					REVISION OR CHANGE ORDER DESCRIPTION	

PROJECT: 7230 SHADY GROVE SHOP
7230 SHADY GROVE ROAD, KELLER, TX 76248
TARRANT COUNTY
TRACT 9
CITY CASE NO: N/A

SHEET TITLE:

TITLE SHEET



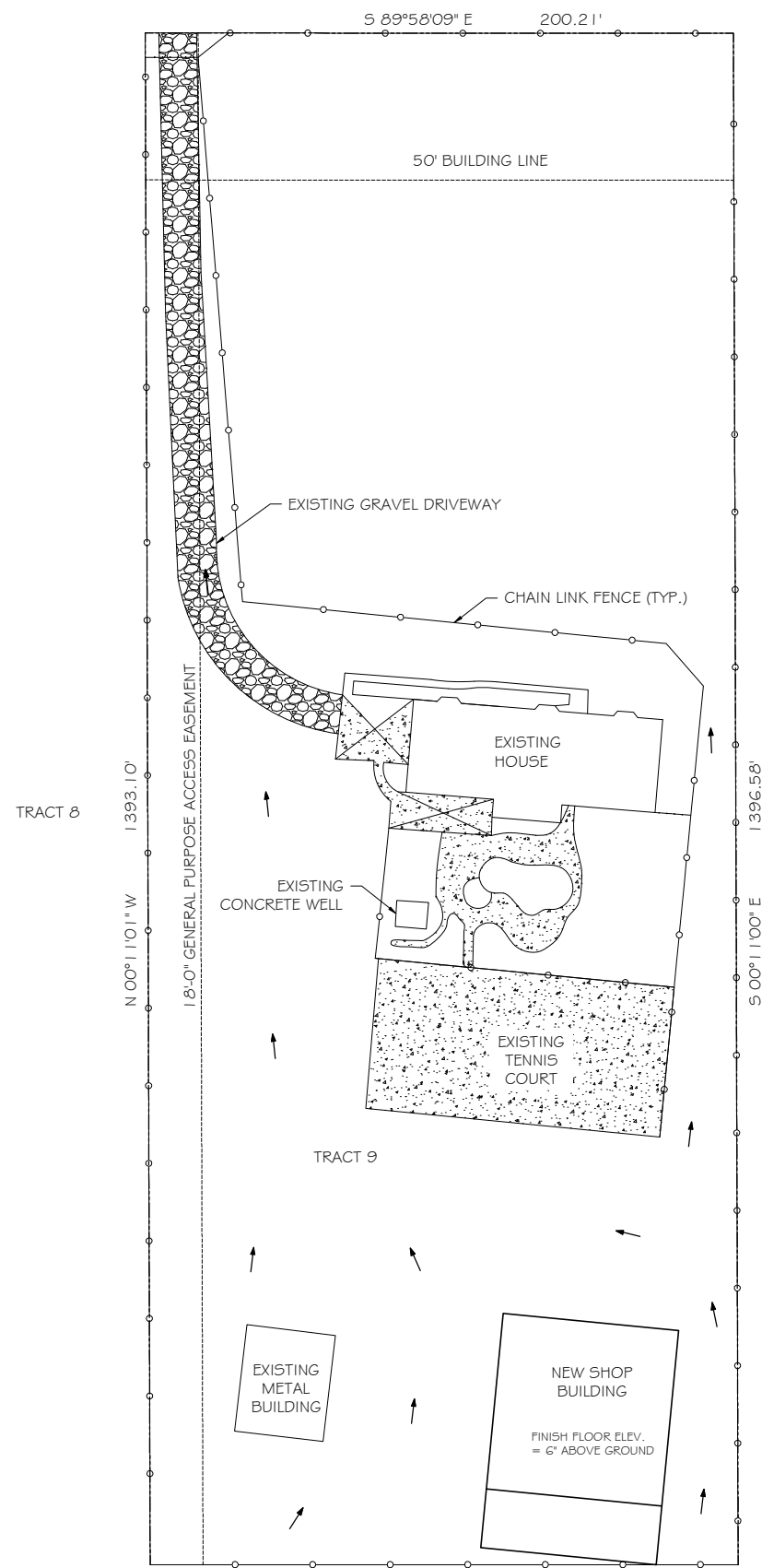
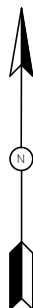
SITE PLAN



VICINITY MAP



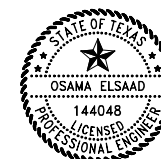
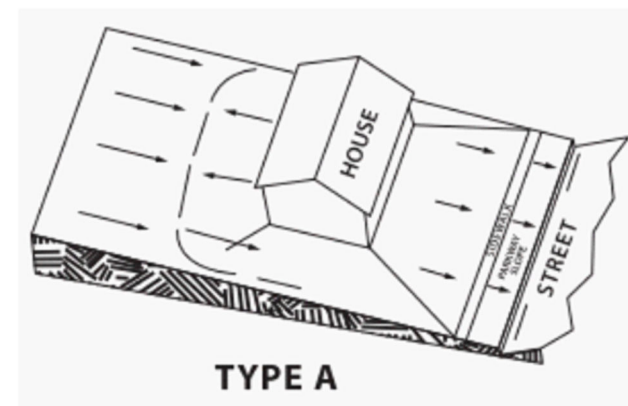
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APPLICANT		N/A	
ARCHITECT		N/A	
ENGINEER		O.ELSAAD	
DEVELOPER		N/A	
OWNER		N/A	
PROJECT:		7230 SHADY GROVE SHOP	
		7230 SHADY GROVE ROAD, KELLER, TX 76248	
		TARRANT COUNTY	
		TRACT 9	
		CITY CASE NO: N/A	
SHEET TITLE:		SITE PLAN	



SITE PLAN

SMITHKELL ACRES
LOT 1

LEGEND:



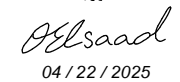
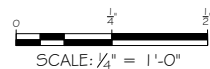
O. Elsaad
04/22/2025

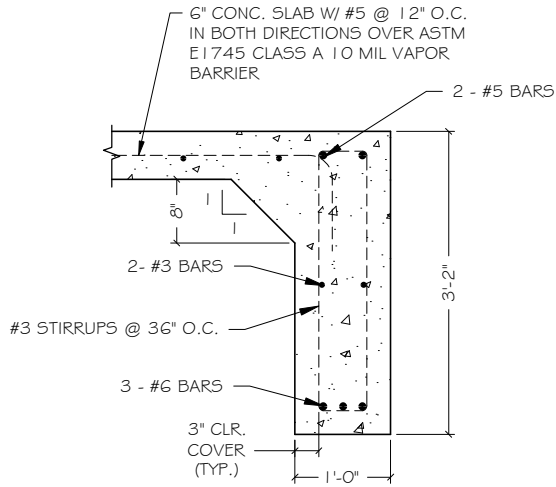
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APPLICANT	N/A
ARCHITECT	N/A
ENGINEER	O.ELSAAD
DEVELOPER	N/A
OWNER	N/A

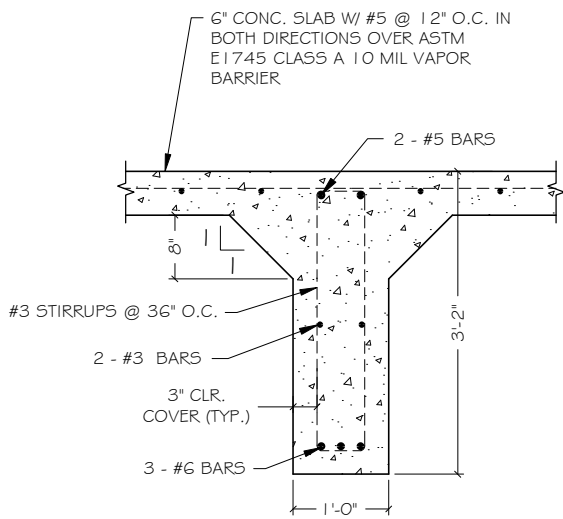
PROJECT: 7230 SHADY GROVE SHOP
7230 SHADY GROVE ROAD, KELLER, TX 76248
TARRANT COUNTY
TRACT 9
CITY CASE NO: N/A

SHEET TITLE: SITE PLAN

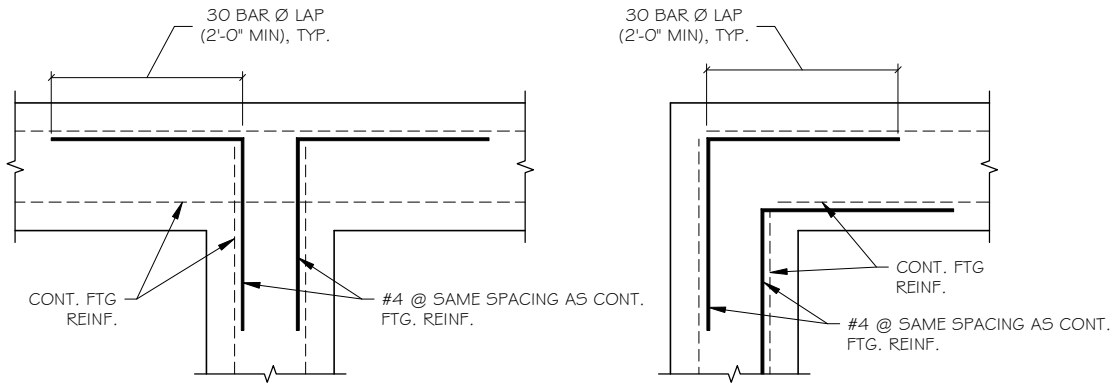




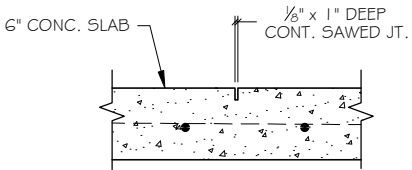
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SECTION B - INTERIOR GRADE BEAM
SCALE: 1" = 1'-0"

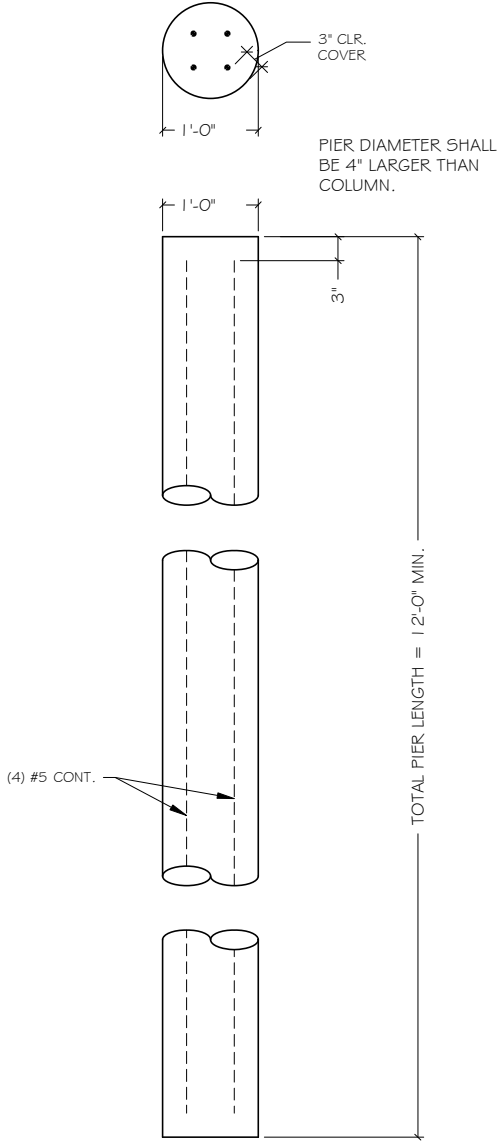


GRADE BEAM REINF. LAP REQ.
SCALE: 1" = 1'-0"



NOTE:
JOINTS SHALL BE CUT IN SLAB
WITHIN 16 HOURS OF POUR.

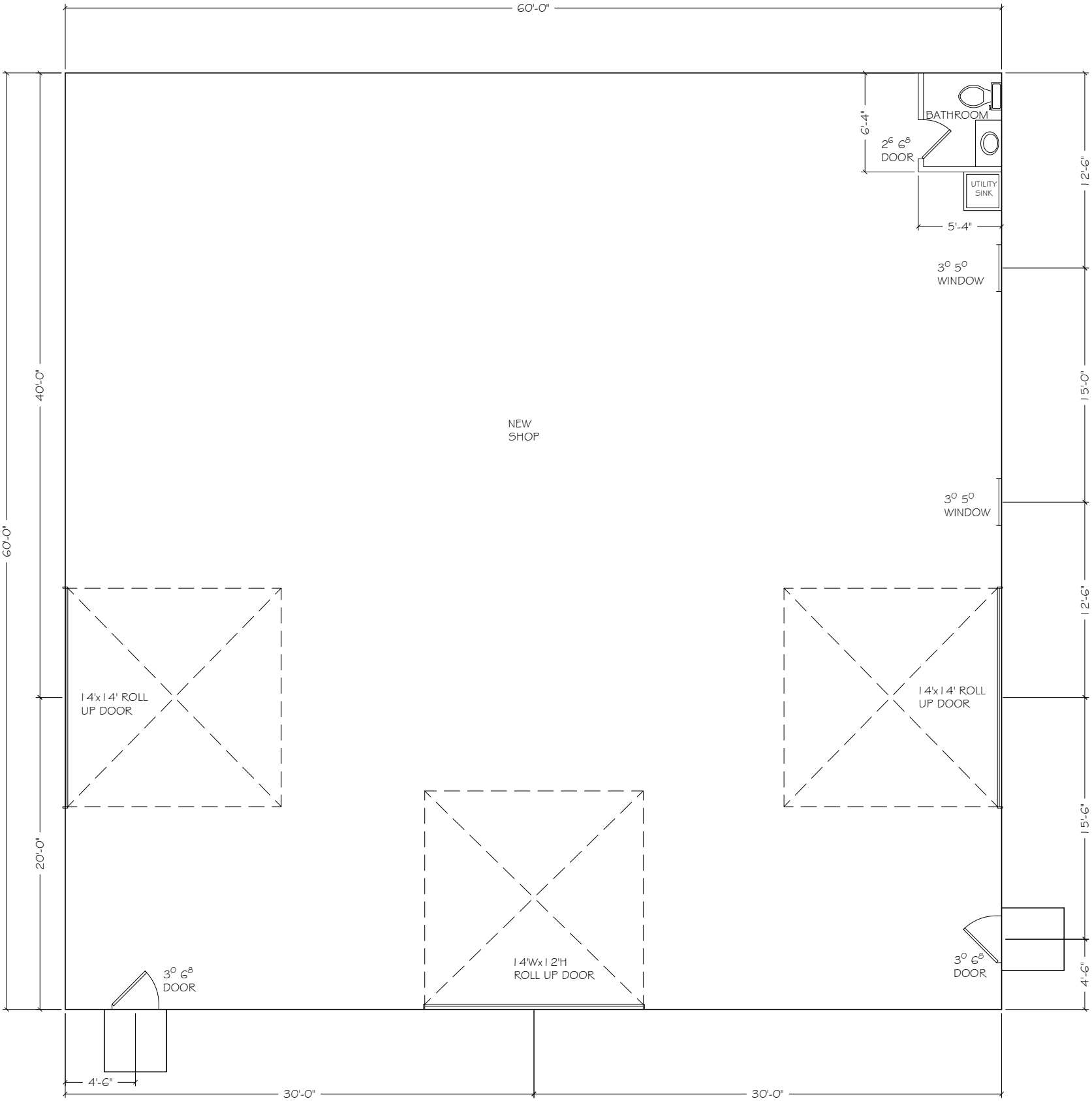
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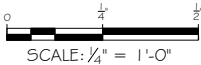
PIER DETAIL
SCALE: 1" = 1'-0"



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CHECKED		A. EL-SAAD	
APPLICANT		N/A	
ARCHITECT		N/A	
ENGINEER		O. ELSAAD	
DEVELOPER		N/A	
OWNER		N/A	
PROJECT:		7230 SHADY GROVE SHOP	
SHEET TITLE:		FOUNDATION DETAILS	
		7230 SHADY GROVE ROAD, KELLER, TX 76248	
		TARRANT COUNTY	
		TRACT 9	
		CITY CASE NO: N/A	
		PHONE: 817-371-0895	
		817-239-6050	



FLOOR PLAN



SHEET NUMBER A-01



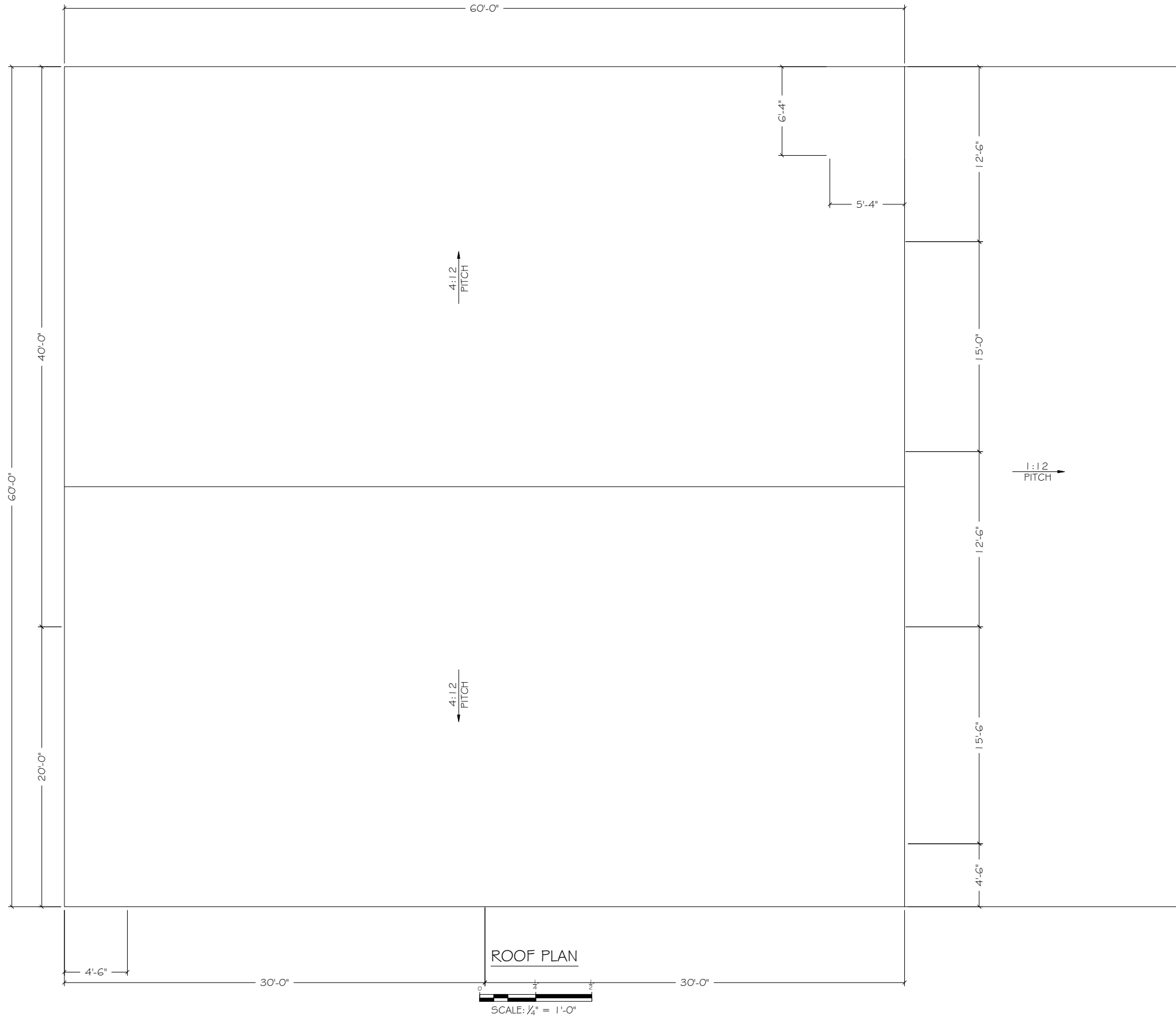
DRAWN O. ELSAAD
CHECKED A. EL-SAAD

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION

APPLICANT	N/A
ARCHITECT	N/A
ENGINEER	O. ELSAAD
DEVELOPER	N/A
OWNER	N/A

PROJECT: 7230 SHADY GROVE SHOP
7230 SHADY GROVE ROAD, KELLER, TX 76248
TARRANT COUNTY
TRACT 9
CITY CASE NO: N/A

SHEET TITLE: FLOOR PLAN



SHEET NUMBER	A-02
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CCD
CRESCENT CONSTRUCTION
& DESIGN

PHONE: 817-371-0895
817-239-6050

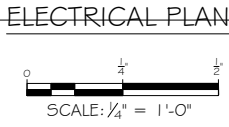
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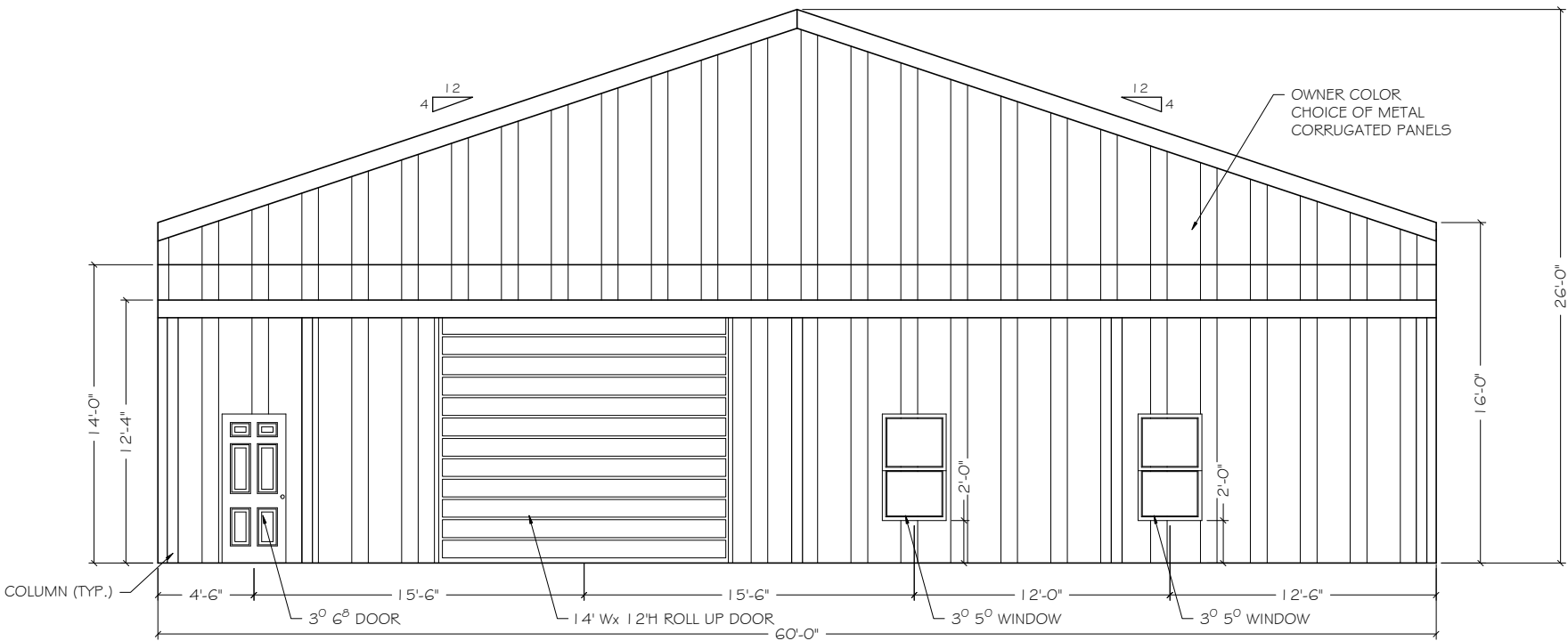
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APPLICANT	N/A
ARCHITECT	N/A
ENGINEER	O.ELSAAD
DEVELOPER	N/A
OWNER	N/A

PROJECT: 7230 SHADY GROVE SHOP
7230 SHADY GROVE ROAD, KELLER, TX 76248
TARRANT COUNTY
TRACT 9
CITY CASE NO: N/A

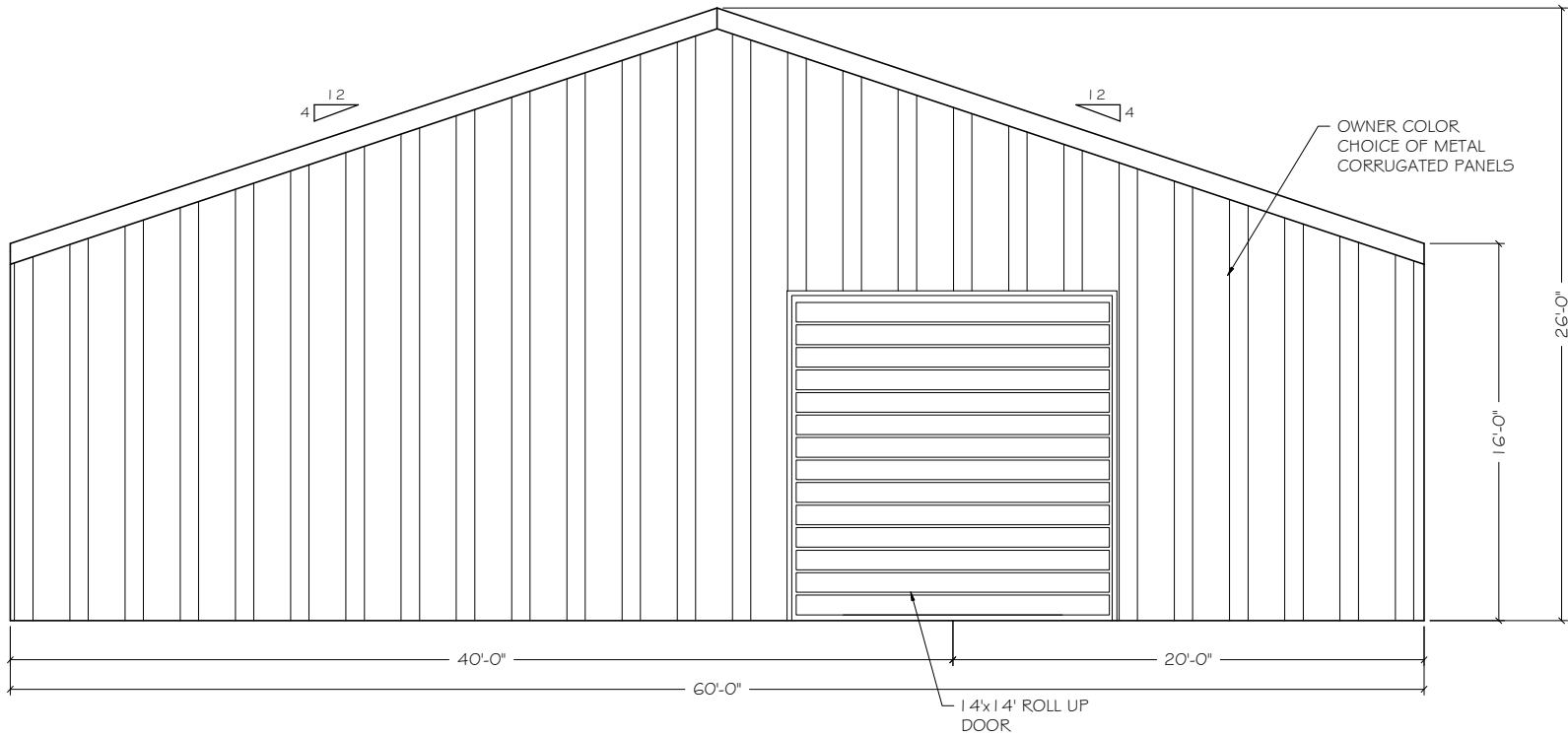
SHEET TITLE: ROOF PLAN

[illegible]



SOUTH ELEVATION

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



NORTH ELEVATION

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

SHEET NUMBER A-05

CCD

CRESCENT CONSTRUCTION & DESIGN

PHONE: 817-371-0895

817-239-6050

DRAWN O. ELSAAD
CHECKED A. EL-SAAD

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION

APPLICANT	N/A
ARCHITECT	N/A
ENGINEER	O.ELSAAD
DEVELOPER	N/A
OWNER	N/A

PROJECT:

7230 SHADY GROVE SHOP

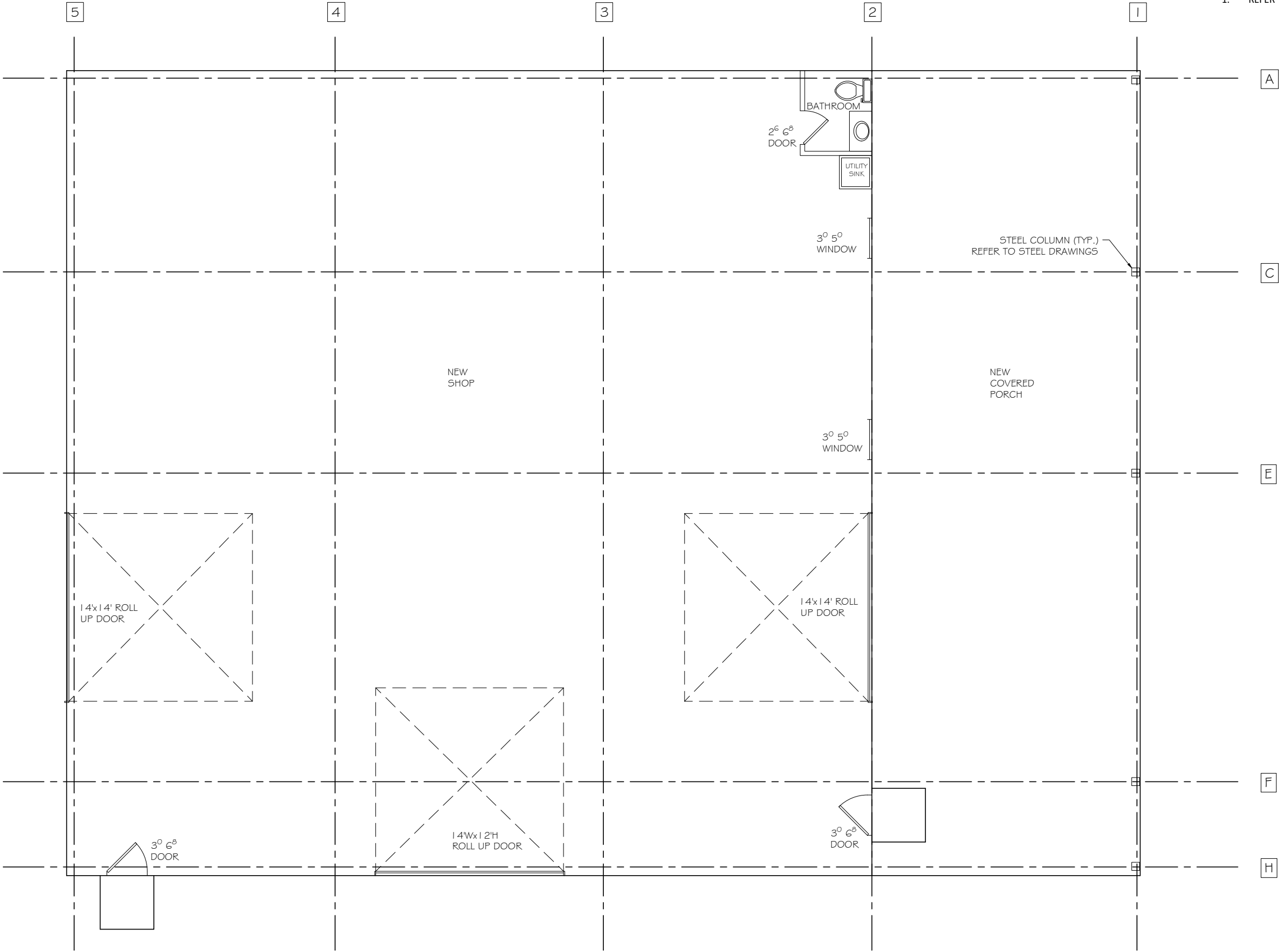
7230 SHADY GROVE ROAD, KELLER, TX 76248

TARRANT COUNTY

TRACT 9

CITY CASE NO: N/A

SHEET TITLE: ELEVATIONS



- NOTES:
- REFER TO STEEL DRAWINGS FOR DETAILS.

SHEET NUMBER ST-01



DRAWN O. ELSAAD
CHECKED A. EL-SAAD

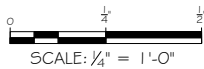
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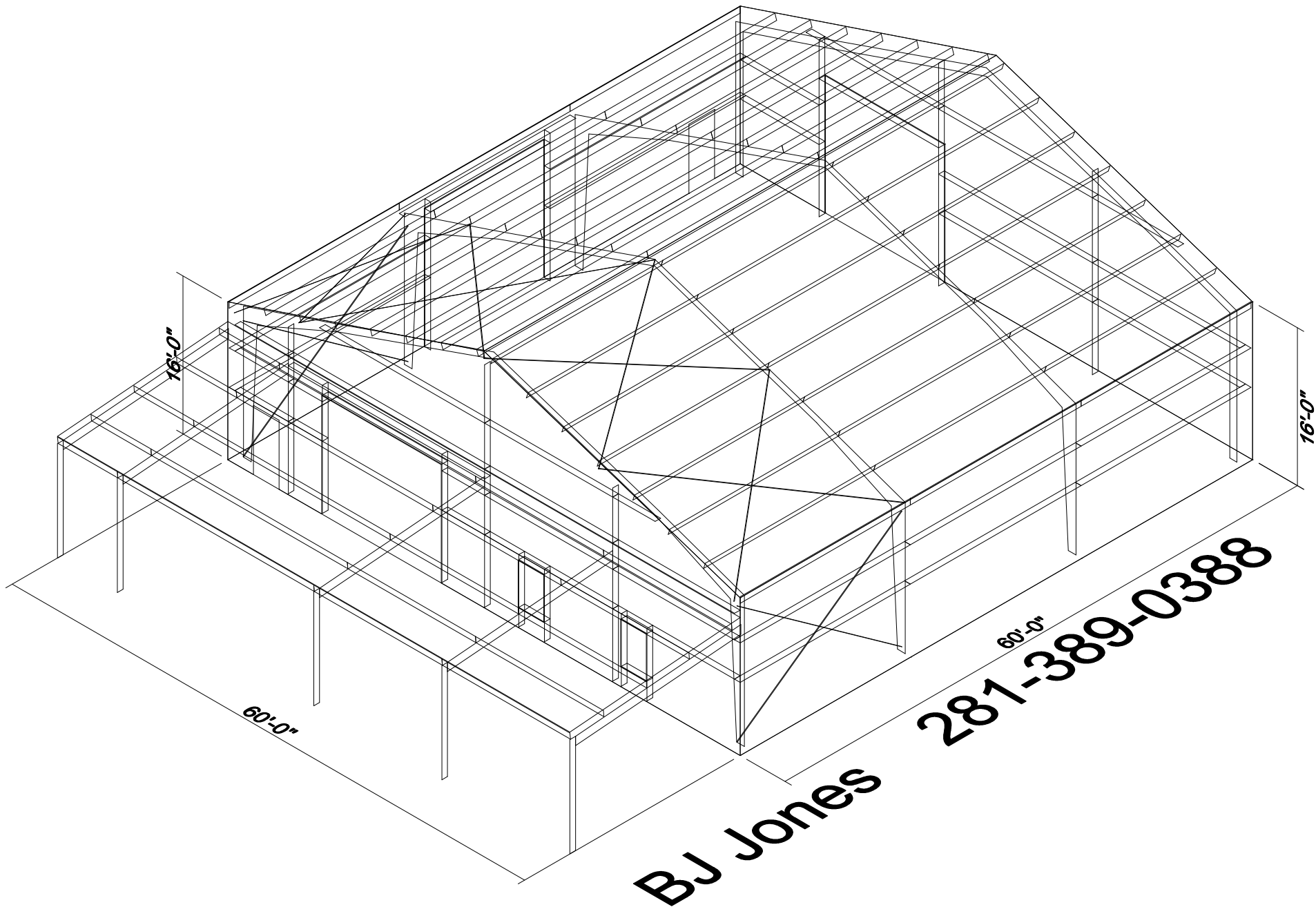
APPLICANT	N/A
ARCHITECT	N/A
ENGINEER	O.ELSAAD
DEVELOPER	N/A
OWNER	N/A

PROJECT: 7230 SHADY GROVE SHOP
7230 SHADY GROVE ROAD, KELLER, TX 76248
TARRANT COUNTY
TRACT 9
CITY CASE NO: N/A

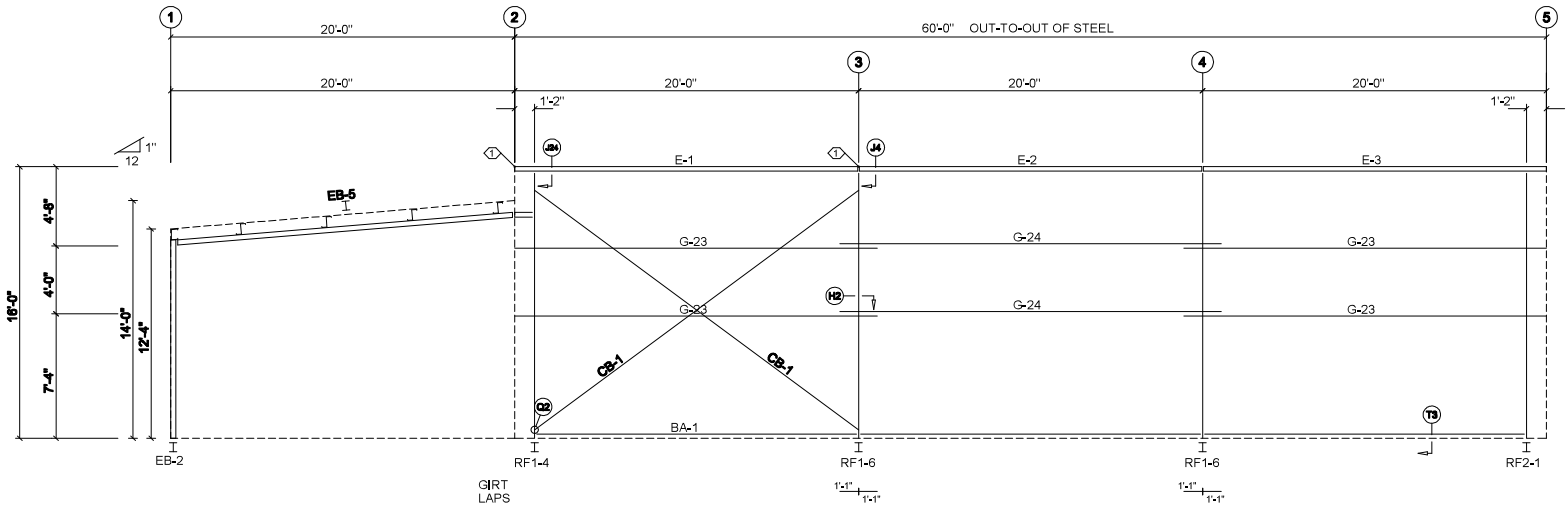
SHEET TITLE: STEEL BUILDING FRAMING LINES

STEEL BUILDING FRAMING LINE

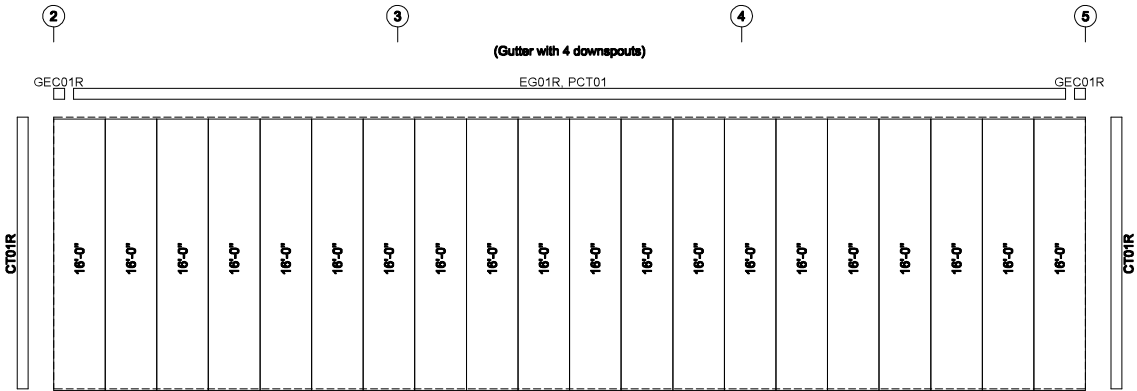




SPECIAL BOLTS					
O	ID	QUAN	TYPE	DIA	LENGTH WASH
1		4	A307	1/2"	1 1/4" 0



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

26 Ga. PR - S2000 Standard

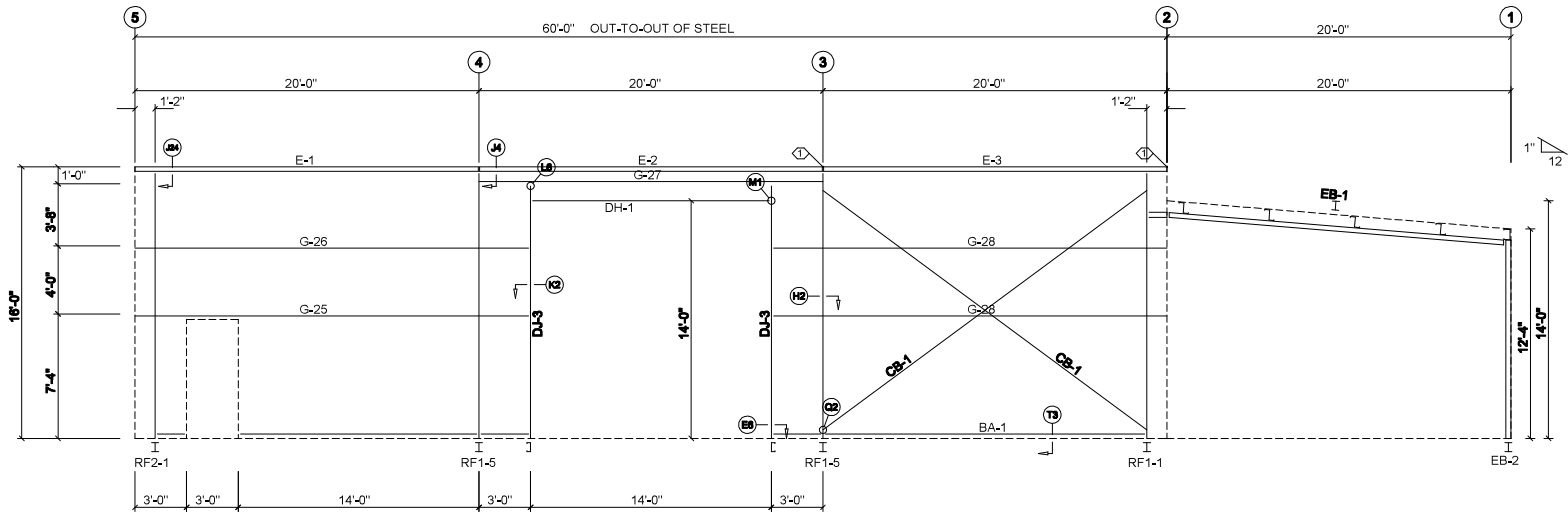
SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	MM/DD/YYYY	MBS	MBS	

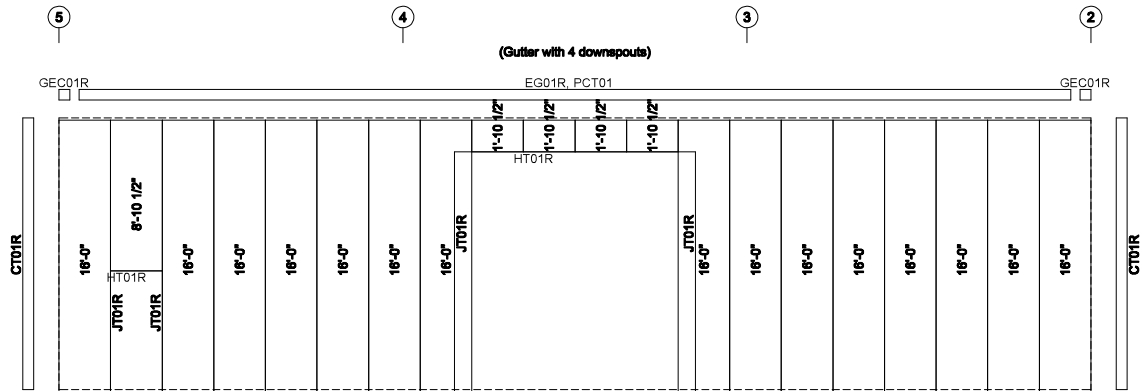


DESCRIPTION	SIDEWALL FRAMING		
CUSTOMER	TCI Construction TX		
END USER			
END USE	Shop	BUILDING	
STREET	7230 Shady Grove Rd.		
CITY ST ZIP	Keller, TX, 76248		
DESIGNED BY	DATE	SCALE	REVISION
	N.T.S.	XXX OF XXX	A

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



SIDEWALL FRAMING: FRAME LINE H



SIDEWALL SHEETING & TRIM: FRAME LINE H

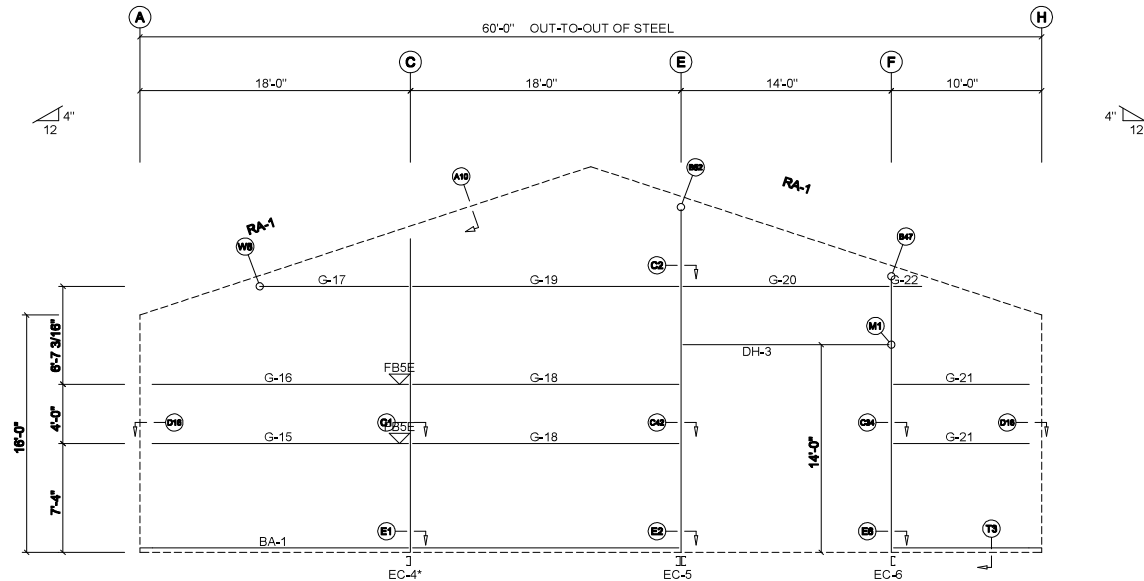
26 Ga. PR - S2000 Standard

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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	MM/DD/YYYY	MBS	MBS	



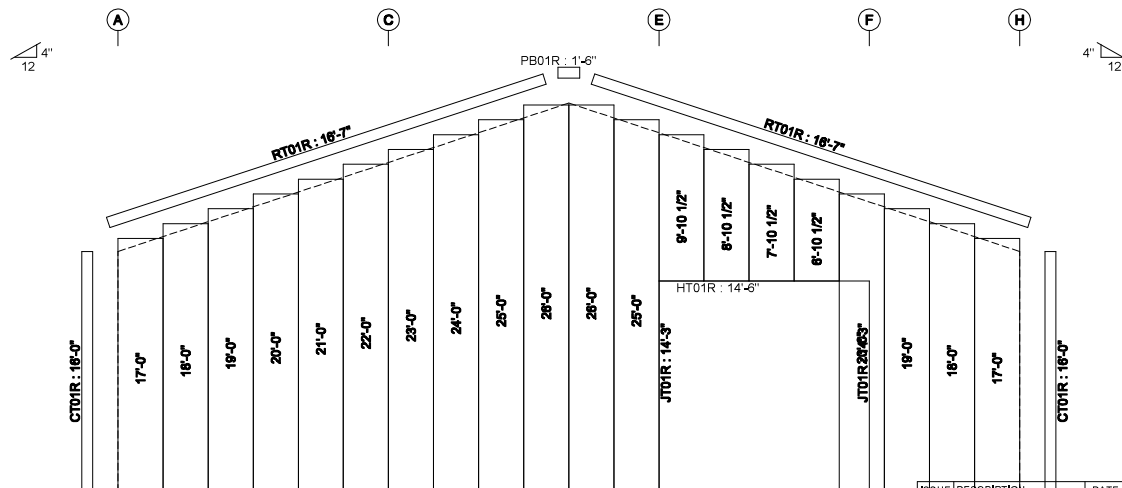
DESCRIPTION	SIDEWALL FRAMING
CUSTOMER	TCI Construction TX
END USER	
END USE	Shop BUILDING
STREET	7230 Shady Grove Rd.
CITY ST ZIP	Keller, TX, 76248
DATE	N.T.S.
SCALE	XXX OF XXX
REV	A



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

FLANGE BRACE TABLE		
FRAME LINE 5		
VID	MARK	LENGTH
1	FB5E	2'-8"

ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5

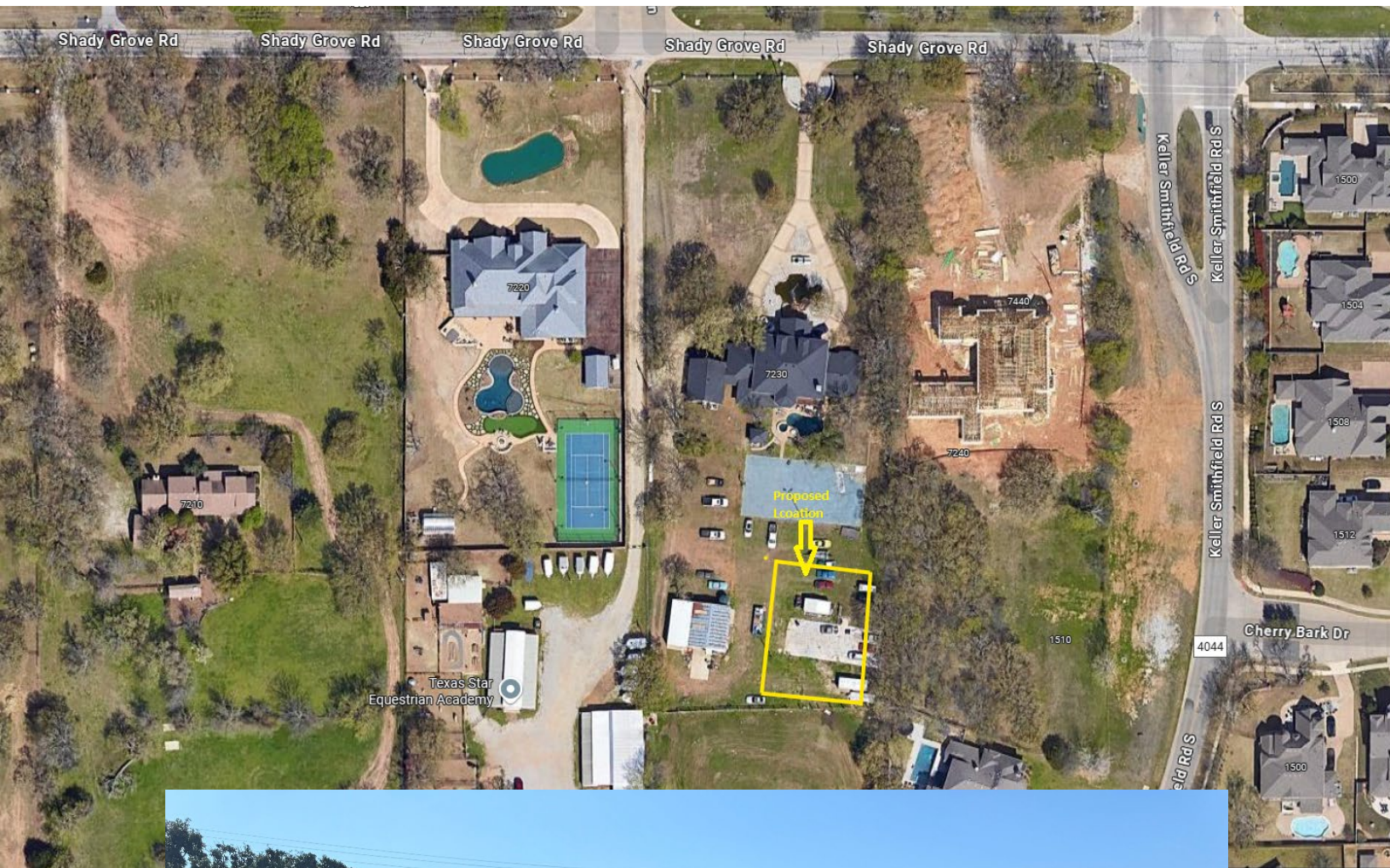
PANELS: 26 Ga. PR - S2000 Standard

Issue Description	DATE	DRN.	CHK.	DES.
A APPROVAL/PERMIT	MM/DD/YYYY	MBS	MBS	



SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.		
DESCRIPTION	ENDWALL FRAMING	
CUSTOMER	TCI Construction TX	
END USER		
END USE	Shop	BUILDING
STREET	7230 Shady Grove Rd.	
CITY ST ZIP	Keller, TX, 76248	
DATE	NTS	DATE
	XXX OF XXX	
		A

NOTE:
FIELD CUT PANEL TO SUIT ROOF SLOPE:



GENERAL NOTES

- 1.1 Fabrication shall be in accordance with R.G.B. standard practices in compliance with the applicable sections, relating to design requirements and allowable stresses of the latest edition of the "AWS Structural Welding Code D1.1 and D1.3". R.G.B. manufacturing procedures are certified by:
- | Reference | Certification numbers |
|-----------|-----------------------|
| Houston | R.G.B. #456 |
- 1.2 **MATERIALS**
- | | ASTM DESIGNATION | MIN. YIELD STRENGTH |
|---------------------------------------|-----------------------|-----------------------|
| Hot Rolled Steel Shapes (W, S, C & L) | A572/A529 | Fy = 50 KSI |
| Hot Rolled Steel Shapes (W) | A992 | Fy = 50 KSI |
| Round Structural Tubing (HSS) | A500 | Fy = 42 KSI |
| Square/Rect. Structural Tubing (HSS) | A500 | Fy = 46 KSI |
| Structural Steel Web Plate | A572/A1011 | Fy = 55 KSI |
| Structural Steel Flange Plates/Bars | A529/A572 | Fy = 55 KSI |
| Cold Formed Light Gage | A653/A1011 | Fy = 55 KSI |
| Roof and Wall Sheets | A792/A653 | Fy = 50, 80 KSI |
| Cable Brace | A475 | Extra High Strength |
| Rod Brace | A36 | Fy = 36 KSI |
| | | MIN. TENSILE STRENGTH |
| Machine Bolts & Nuts | A307 | Fu = 60 KSI |
| High Strength Bolts (1"ø and less) | F3125/Gr. A325-TYPE 1 | Fu = 120 KSI |
| High Strength Bolts (>1"ø to 1 1/2"ø) | F3125/Gr. A325-TYPE 1 | Fu = 105 KSI |
| Anchor Bolts (if supplied) | A36/A307/F1554 Gr.36 | Fu = 58-80 KSI |
- 1.3 **PRIMER**
Shop primer paint is a rust inhibitive primer which meets the end performance of Federal Specification SSPC No. 15 and is R.G.B. Red or Gray Oxide color. This paint is not intended for long term exposure to the elements. R.G.B. is not responsible for any deterioration of the shop primer paint as a result of improper handling and/or jobsite storage. R.G.B. shall not be responsible for any field applied paint and/or coatings. (Section 6.5 AISC Code of Standard Practice, 16th Edition). Nominal thickness of primer will be 1 mil unless otherwise specified in contract documents.
- 1.4 **GALVANIZED OR SPECIAL COATINGS:**
See Contract Documents
- 1.5 **ALL BOLTS ARE 1/2"ø x 0'-1" A307 (snug-tightened) EXCEPT :**
a) Eave strut connection – 1/2"ø x 0'-1 1/4" A307 without washer (unless noted otherwise)
b) Endwall rafter splice – 5/8"ø x 0'-1 3/4" F3125/Gr. A325-N with washer
c) Endwall column to rafter connection – 1/2"ø x 0'-1 1/4" F3125/Gr. A325-N without washer
d) Main frame moment splice connections – F3125/Gr. A325-N with washer,
SEE CROSS SECTION for dimensions.
NOTE: One (01) washer is supplied on main frame moment splice and to A325 bolts unless noted otherwise on drawing
- 1.6 **F3125/Gr. A325 BOLT TIGHTENING REQUIREMENTS**
All high strength bolts are F3125/Gr. A325-N unless specifically noted otherwise. Structural bolts shall be tightened by the turn-of-the-nut or calibrated wrench methods in accordance with the 16th Edition AISC/RCSG "Specification For Structural Joints using ASTM F3125/Gr. A325 or A490 Bolts". Washers are supplied separately from High Strength Bolts, however, assembly with washers are required before erection. Installation inspection is recommended and be based on Section 9.1 and 9.2 of AISC/RCSG.
Snug-tight is permitted EXCEPT for the following conditions:
a) Building located in high seismic areas; Seismic Design Categories D, E, F
b) Building supporting cranes
c) Building supporting machinery that creates vibration, impact or stress reversal
d) Connections using ASTM A490
e) Connections using slip-critical condition
f) or as prohibited in the contracts/specifications
- 1.7 **CLOSURE STRIPS ARE FURNISHED FOR APPLICATION:**
INSIDE– Under roof panels at eave
OUTSIDE – Between endwall panels and rake trim
– Under continuous ridge vent skirts
- 1.8 **ERECTION NOTE:**
All bracing, strapping, & bridging shown and provided by R.G.B. for this building is required and shall be installed by the erector as a permanent part of the structure. If additional bracing is required for stability during erection, it shall be the erector's responsibility to determine the amount of such bracing and to procure and install as needed.
- 1.9 **ERECTION AND UNLOADING NOT BY R.G.B.**
- 1.10 **SHORTAGES**
Any claims or shortages by buyer must be made to R.G.B. within five (5) working days after delivery, or such claims will be considered to have been waived by the customer and disallowed.
- 1.11 **CORRECTIONS OF ERRORS AND REPAIRS (MBMA 6.10)**
Claims for correction of alleged misfits will be disallowed unless R.G.B. shall have received prior notice thereof and allowed reasonable inspection of such misfits. The correction of minor misfits by the use of drift pins to draw the components into line, moderate amounts of reaming, chipping and cutting, and the replacement of minor shortages of material are a normal part of erection and are not subject to claim. No part of the Building may be returned for alleged misfits without the prior approval of R.G.B.
- BUYER/END USE CUSTOMER RESPONSIBILITIES**
- 2.1 It is the responsibility of the BUYER/END USE CUSTOMER to obtain appropriate approvals and secure necessary permits from City, County, State, or Federal Agencies as required, and to advise/release R.G.B. to fabricate upon receiving such.
- 2.2 Rigid Global Buildings (hereafter referred to as R.G.B.) standard specifications apply unless stipulated otherwise in the Contract Documents. R.G.B. design, fabrication, quality criteria, standards, practice, methods and tolerances shall govern the work with any other interpretations to the contrary notwithstanding. It is understood by both Parties that the BUYER/END USE CUSTOMER is responsible for clarification of inclusions or exclusions from the architectural plans and/or specifications.
- 2.3 In case of discrepancies between R.G.B. structural steel plans and plans for other trades, R.G.B. plans shall govern. (Section. 3 AISC Code of Standard Practices, 16th Edition)
- 2.4 Approval of R.G.B. drawings and calculations indicates that R.G.B. has correctly interpreted and applied the Contract Documents. This approval constitutes the contractor/owners acceptance of the R.G.B. design concepts, assumptions, and loading. (Section 4 AISC Code 16th Edition and MBMA 3.3.3)
- 2.5 Once the BUYER/END USE CUSTOMER has signed R.G.B. Approval Package and the project is released for fabrication, changes shall be billed to the BUYER/END USE CUSTOMER including material, engineering and other costs. An additional fee may be charged if the project must be moved from the fabrication and shipping schedule.



DRAWING PACKAGE

SALES NO.	82362	JOB NO.	173445	BUILDING	A
CUSTOMER	Double "H" Construction				
END USER	Charles Dombeck				
END USE	Shop				
STREET	7230 Shady Grove Rd.				
CITY ST ZIP	Keller, TX 76248				
COUNTY	Tarrant				

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED:

DESIGN LOADS:

Design Code	:IBC 21
Dead Load (psf)	:Metal building structure only by RGB
Collateral Load (psf)	:1.00
Wind Load	
Basic Design Wind Speed	:V (3 sec. gust) = 107 mph
Allowable Stress Wind Speed	:Vasd (3 sec. gust) = 82.88 mph
Risk Category	:II – Normal
Wind Exposure	:C
Internal Pressure Coefficient, GCPI	:0.18 /–0.18
Design Wind Pressure For Wall	:Based on Allowable Stress Wind Speed
Components Wind Pressure (psf) asd	: 13.28
Components Wind Suction (psf) asd	:–14.61
Claddings Wind Pressure (psf) asd	: 15.62
Claddings Wind Suction (psf) asd	:–16.94
Enclosure	:Enclosed
Live Load	
Primary Framing (psf)	:20.00
Trib. Area Reduction	:Yes
Secondary Framing (psf)	:20.00
Snow Load	
Ground Snow Load, Pg (psf)	:5.00
Roof Snow Load, Pf (psf)	:4.20
Sloped Roof Snow Load, Ps (psf)	:3.94
Snow Exposure Factor, Ce	:1.00
Snow Importance Factor, Is	:1.00
Thermal Factor, Ct	:1.20
Sloped Factor, Cs	:0.94
Seismic Load	
Seismic Importance Factor, Ie	: 1.00
Seismic Occupancy Category	:II – Normal
Site Class	:D (DEFAULT)
Mapped Spectral Response Acceleration	:Ss = 0.1010 :S1 = 0.0530
Spectral Response Coefficient	:Sds = 0.1080 :Sd1 = 0.0850
Seismic Design Category	:B
Basic Force Resisting Systems Used	:Steel Systems Not Specifically Detailed For Seismic Resistance

Total Design Base Shear, V (kips)	:Longitudinal= 0.93 Transverse= 0.84
Response Modification Factors, R	:Rigid Frames = 3.00
	:SW X–Bracing = 3.00

Seismic Response Coefficients, Cs	:Rigid Frames = 0.0359
	:SW X–Bracing = 0.0359

Analysis Procedure Used	:Equivalent Lateral Force Procedure
Rainfall Intensity (in/hr)	:9.000

BUILDING DESCRIPTION:

Width (ft)	:60
Length (ft)	:60
Eave Ht. at BSW (ft)	:16
Eave Ht. at FSW (ft)	:16
Roof Slope at BSW	:4.0:12
Roof Slope at FSW	:4.0:12
Bay Spacing (ft)	: 3 at 20

COVERING AND TRIMS:

Roof Panels & Trims	
Panel Type	: 26 Ga. PBR (36" Wide) Screw Down
Panel Color	: S2000 Standard
Trim Colors	
Eave Trim	: S2000 Standard
Eave Gutter	: S2000 Standard
Gable Trim	: S2000 Standard
Wall Panel & Trims	
Panel Type	: 26 Ga. PBR (36" Wide) Screw Down
Panel Color	: S2000 Standard
Trim Colors	
Corner Trims	: S2000 Standard
Opening Trims	: S2000 Standard
Downspouts	: S2000 Standard
Base Trim	: N/A
Mas. Flash	: S2000 Standard
Special Requirements	: NONE

DESIGN and DETAIL REQUIREMENTS

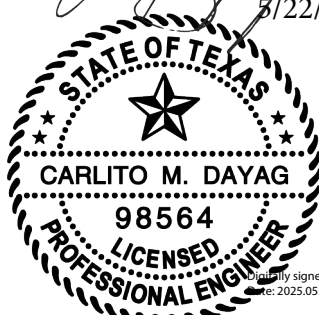
- Expandable Frame at Left Endwall
: 1. Main frame is designed for full tributary bay of 20'-0". Future frames shall be spaced 20'-0" center to center with the present endwall frame.
- Lean-To Canopy
: 1. 20'-0" x 60'-0" canopy extension at left endwall.

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

- 2.6 The BUYER/END USE CUSTOMER is responsible for overall project coordination. All interface, compatibility, and design considerations concerning any materials not furnished by R.G.B. and R.G.B. steel system are to be considered and coordinated by the BUYER/END USE CUSTOMER. Specific design criteria concerning this interface between materials must be furnished before release for fabrication or R.G.B. assumptions will govern (Section 4 and Commentary, AISC Code of Standard Practice, 16th Edition)
- 2.7 It is the responsibility of the BUYER/END USE CUSTOMER to ensure that R.G.B. plans comply with the applicable requirements of any governing building authorities. The supplying of sealed engineering data and drawings for the metal building system does not imply or constitute an agreement that R.G.B. or its design engineers are acting as the engineer of record or design professional for a construction project. These drawings are sealed only to certify the design of the structural components furnished by R.G.B.
- 2.8 The BUYER/END USE CUSTOMER is responsible for setting of anchor bolts and erection of steel in accordance with R.G.B. "For Construction" drawings only. Temporary supports such as guys, braces, falsework, cribbing or other elements required for the erection operation shall be determined furnished and installed by the erector. No items should be purchased from a preliminary set of drawings, including anchor bolts. Use only final "FOR CONSTRUCTION DRAWINGS" for this use. (Section 7 AISC Code of Standard Practice, 16th Edition.)
- 2.9 Rigid Global Buildings is responsible for the design of the anchor bolt to permit the transfer of forces between the base plate and the anchor bolt in shear, bearing and tension, but is not responsible for the transfer of anchor bolt forces to the concrete, anchor bolt embedment or the adequacy of the anchor bolt in relation to the concrete. Unless otherwise provided in the Order Documents, R.G.B. does not design and is not responsible for the design, material and construction of the foundation or foundation embedments. The END USE CUSTOMER should assure himself that adequate provisions are made in the foundation design for loads imposed by column reactions of the building, other imposed loads, and bearing capacity of the soil and other conditions of the building site. It is recommended that the anchorage/anchor bolt embedment and foundation of the building be designed by a Registered Professional Engineer experienced in the design of such structures. (Chapter IV Section 3.2.2 Metal Building Systems Manual 2018 Edition)
- 2.10 Normal erection operations include the corrections of minor misfits by moderate amounts of reaming, chipping, welding or cutting, and the drawing of elements into line through the use of drift pins. Errors which cannot be corrected by the foregoing means or which require major changes in member configuration are to be reported immediately to R.G.B. by the BUYER/END USE 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. (Section 7 AISC Code of Standard Practice, 16th Edition)
- 2.11 Neither the fabricator nor the BUYER/END USE CUSTOMER will cut, drill or otherwise alter his 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 BUYER/END USE CUSTOMER is responsible for furnishing complete information as to materials, size, location and number of alterations prior to preparation of shop drawings. (Section 7 AISC Code of Standard Practice, 16th Edition)
- 2.12 **WARNING:** In no case should Galvalume steel panels be used in conjunction with lead or copper. Both lead and copper have harmful corrosive effects on the Galvalume alloy coating when they are in contact with Galvalume steel panels. Even run-off from copper flashing, wiring, or tubing onto Galvalume should be avoided.
- 2.13 **SAFETY COMMITMENT:** Rigid Global Buildings has a commitment to manufacture quality building components that can be safely erected. However, the safety commitment and job site practices of the erector are beyond the control of R.G.B. It is strongly recommended that safe working conditions and accident prevention practices be the top priority of any job site. Local, State, and Federal safety and health standards should always be followed to help insure workers safety. Make certain all employees know the safest and most productive way of erecting a building. Emergency procedures should be known to all employees. Daily meetings highlighting safety procedures are also recommended. The use of hard hats, rubber sole shoes for roof work, proper equipment for handling material, and safety nets where applicable, are recommended.
- 2.14 Roof drainage systems (gutter, downspouts, etc.) must be free of any obstruction to ensure smooth operation at any given time.
- 2.15 It is recommended by Factory Mutual (Reference: B2.44) that roofs be cleared of snow when half of the maximum snow depth is reached. The maximum snow depth can be estimated based on the design snow load and the density of snow and/or ice buildup. See Chart below.

ROOF SNOW LOAD (IN PSF)	EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES)	RECOMMENDED SNOW HEIGHT WHEN SNOW REMOVAL SHOULD START (IN INCHES)
20	16.60	8.30
30	17.90	8.95
40	19.20	9.60
50	20.50	10.25
60	21.80	10.90
70	23.10	11.55
80	24.40	12.20

NOTE:
For Snow/Ice Removal Procedure, Refer to Metal Building System Manual 2018 Edition, Section A9.4



CUSTOMER Double "H" Construction					
BUYER NO.	82362	JOB NO.	173445	BUILDING	A
				C001	A

LEGENDS & ABBREVIATIONS

DESIGN:

Accel.	Acceleration
Coeff.	Coefficient
CL, Collat	Collateral Load
DL, Dead	Dead Load
H, Horz, Horiz	Horizontal
L	Left
LL, Live	Live Load
LnWnd, LnWind, LWIND	Longitudinal Wind Load
Min, min	Minimum
Max, max	Maximum
R	Right
SL	Snow Load
Slide	Sliding Snow Load
SEIS, Seis	Seismic Load
U_Snow	Unbalance Snow Load
V, Vert	Vertical
WL, Wind_L	Wind Load Left
WR, Wind_R	Wind Load Right
WP, Wind_P	Wind Pressure
WS, Wind_S	Wind Suction

ENGLISH UNITS

Acre	Acres
FT, ft	Feet
GA, Ga, ga	Gage
Gal	Gallons
IN, in	Inches
K, k	Kips
KSI, ksi	Kips Per Square-Inches
lb, #	Pounds
MPH, mph	Miles Per Hour
PLF, plf, lb/ft	Pounds Per Linear-Foot
PSF, psf, lb/ft	Pounds Per Square-Feet
TON, ton	Tons
Yd	Yard

METRIC UNITS

cm	Centimeters
Hec	Hectares
liter	Liters
m	Meters
mm	Millimeters
N	Newtons
km	Kilometers
kN	Kilonewtons
kN/m ²	Kilonewtons Per Square-meter
kPa	Kilopascals
kph	Kilometers Per Hour
Pa	Pascals

USEFUL CONVERSION

English	To	English	Metric	To	Metric
1 mile		1760 Yd	1 km		1000 m
1 Yd		3 Ft	1 m		100 cm
1 Ft		12 in	1 cm		10 mm
1 in		16/16 in	1 kN		1000 N
1 Ton (English)		2 Kips	1 kg		9.8066 N
1 Kip		1000 lb	1 Ton (Metric)		1000 kg
1 lb		16 ounces	1 Hec		10,000 μ n
1 Acre		43560 ft^2	1 m ²		1000 liter
1 ft^2		7.4805 Gal	1 kPa		1 kN/m ²

English	To	Metric	Metric	To	English
1 in		2.54 cm	1 cm		0.3937 in
1 ft		0.3048 m	1 m		3.2808 ft
1 lb		0.4536 kg	1 kg		2.2046 lb
1 Ton (English)		907.18 kg	1 Ton (Metric)		2204.6 lb
1 Kip		4.4482 kN	1 kN		0.2248 kip
1 mile		1.6093 km	1 km		0.6213 mile
1 Acre		0.4046 Hec	1 Hec		2.4715 Acres
1 lb/ft		0.0478 kPa	1 kPa		20.8854 lb/ft

Fraction	To	Decimal	Fraction	To	Decimal
1/16		0.0625	9/16		0.5625
1/8		0.1250	5/8		0.6250
3/16		0.1875	11/16		0.6875
1/4		0.2500	3/4		0.7500
5/16		0.3125	13/16		0.8125
3/8		0.3750	7/8		0.8750
7/16		0.4375	15/16		0.9375
1/2		0.5000	16/16		1.0000

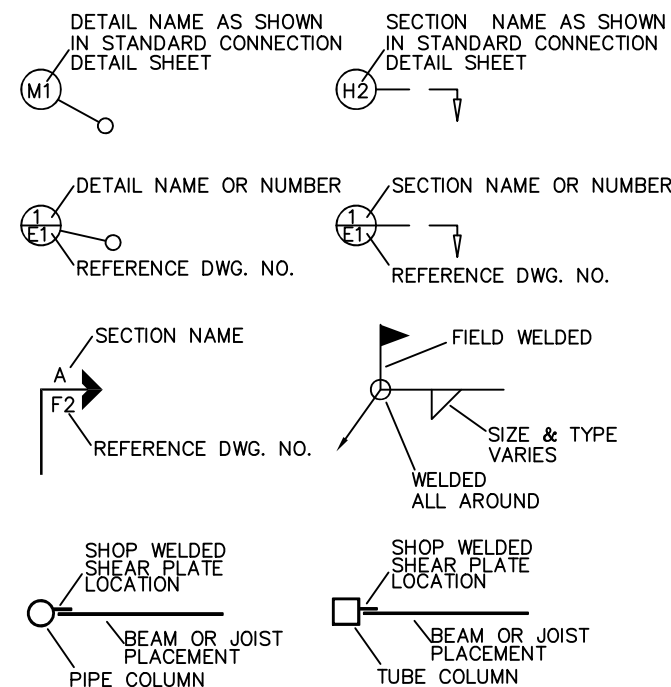
DRAWINGS:

AB, A.B.	Anchor Bolt
AS, As Shown	As Shown
Aux.	Auxiliary
BLDG., Bldg.	Building
B.P., Base PL	Base Plate
BOTT., Bott.	Bottom
Bott. Base PL, B.O.B.P	Bottom Of Base Plate
B.O.S.	Bottom Of Steel
BSW	Back Sidewall
BY OTHERS	By Other Supplier or Not By Rigid
C/C	Center to Center
C.I.P.	Cast-In-Place
CL, C	Center Line
CLR.	Clear, Clearance
CMU	Concrete Masonry Unit
COL., Col.	Column
CONC., Conc.	Concrete
CONT.	Continuous, Continuation
DET.	Detail
DIA., Dia., Ø	Diameter
DIM., Dim.	Dimension
DWG., Dwg.	Drawing
EH, E.H.	Eave Height
EJ, Exp. Jt.	Expansion Joint
EL, Elev.	Elevation
EP	End Plate
ES, E.S.	Eave Strut
EW	Endwall
EW COL, EC	Endwall Column
EW RAF	Endwall Rafter
Exp. Bolt	Expansion Bolt
FFL, Fin. Flr.	Finish Floor Line
FLG., FLGE., Flg., Flge.	Flange
FNB, F.N.B.	Fin Neck Bolt
FO, F.O.	Framed Opening
FRM., Frm.	Frame
FSW	Front Sidewall
GA, Ga.	Gage
GALV., Galv.	Galvanized
G.O.L.	Gage of Outstanding Leg
H, Ht.	Height
HED,HEDS	High Eave Double Slope
HES,HESS	High Eave Single Slope
Horz, Horiz	Horizontal
HSB, H.S.B.	High Strength Bolt
HSS	Hollow Structural Section
INT., Int.	Interior, Intermediate
I/S	Inside
LED,LEDS	Low Eave Double Slope
LES,LESS	Low Eave Single Slope
LEW	Left Endwall
LHI	Left Hand In
LHO	Left Hand Out
LL	Long Life
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LT	Lean-To
LT COL	Lean-To Column
LT RAF	Lean-To Rafter
LG., Lg.	Long
L, Lt.	Length
L x W x H	Length x Width x Height
MAX., max.	Maximum
MIN., min.	Minimum
MKD., MK'D.	Marked
MB, M.B.	Machine Bolt
MEZZ., Mezz.	Mezzanine
N.A., N/A	Not Applicable
NO., No.	Number
NS/FS, NS&FS	Near Side and Far Side
O.C.	On Center
O/S	Outside
OH, Opp Hand	Opposite Hand (Mirror Image)
OHD, O.H.D.	Over-Head Door
O/O	Out to Out
PF COL	Portal Frame Column (Wind Bent
PF RAF	Portal Frame Rafter (Wind Bent R
PL, lP	Plate
QTY., Qty.	Quantity
REF., Ref.	Refer, Reference
REW	Right Endwall

DRAWINGS:

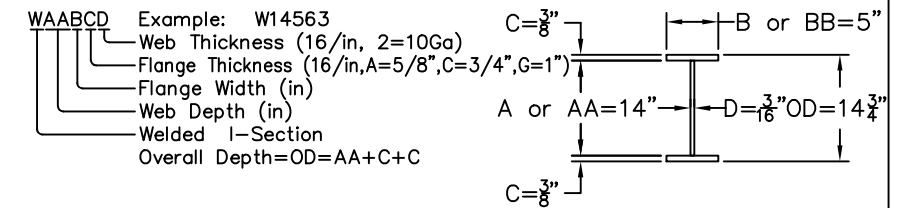
RHB	Round Head Bolt
RHI	Right Hand In
RHO	Right Hand Out
REINF.	Reinforced
REQ'D., REQD.,	Required
REV., Rev.	Revised, Revision
RF, R.F.	Rigid Frame
RF COL	Rigid Frame Column
RF RAF	Rigid Frame Rafter
RUD, R.U.D.	Roll-Up Door
SC	Slip Critical
SDS	Self-Drilling Screws
SECT., Sect.	Section
SHTG., Shtg.	Sheeting
Sol Col	Soldier Column
SP	Splice Plate
SSR	Standing Seam Roof
SST	Stainless Steel
ST COL	Straight Column
STIFF.	Stiffener
STD.	Standard
STS	Self-Tapping Screws
SW	Sidewall
SYM., Sym., SYMM., Symm.	Symmetry, Symmetrical
TBE	To Be Established
TBD	To Be Determined
TC	Tension Control
THK., Thk.	Thick
TOC, T.O.C.	Top Of Concrete
TOS, T.O.S.	Top Of Steel
T & B, TOP & BOTT	Top and Bottom
Typ., Typ., typ.	Typical
UN, U.N.O.	Unless Noted, Unless Noted Otherwise
Vert.	Vertical
WD	Walk Door
W, Wd.	Width
W.P.	Work Point, Working Point

SECTIONS AND DETAILS:

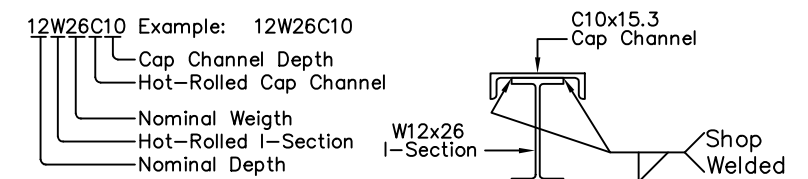


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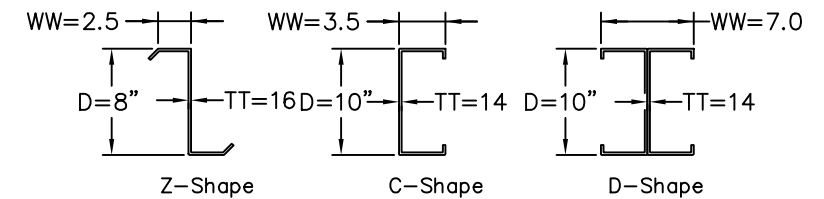
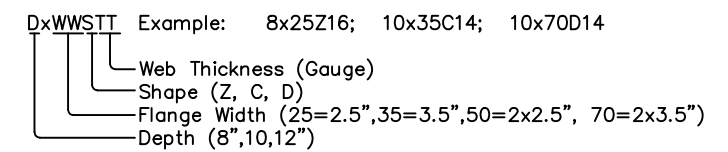
BUILT-UP SECTIONS: USED FOR FRAMES, BEAMS, COLUMNS



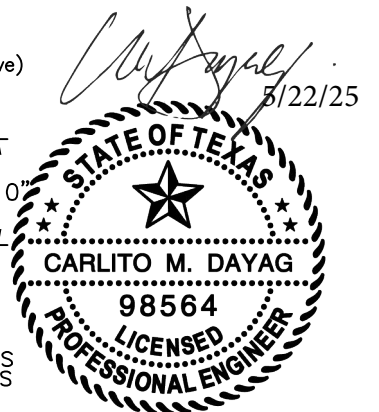
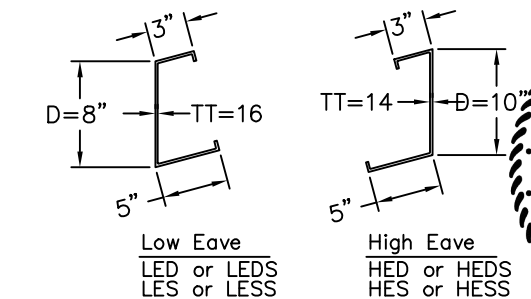
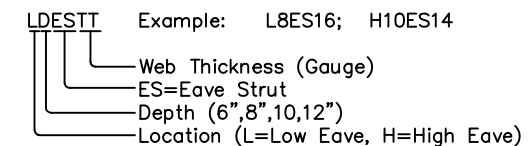
CRANE BEAM SECTIONS: USED FOR RUNWAY BEAMS, MONORAILS



COLD-FORMED SECTIONS Z,C,D: USED FOR PURLINS,GIRTS,JAMBS,JOISTS



COLD-FORMED SECTION ES: USED FOR EAVE STRUTS



SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	IMPLIED.												
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	LEGENDS & ABBREVIATIONS										
							CUSTOMER	Double "H" Construction										
							END USER	Charles Dombeck										
							END USE	Shop					BUILDING	A				
							STREET	7230 Shady Grove Rd.										
						CITY ST ZIP	Keller, TX 76248											
						82362	173445	173445	N.T.S.	CO02	A							

UNLOADING, HANDLING AND STORING OF MATERIALS

STRUCTURAL

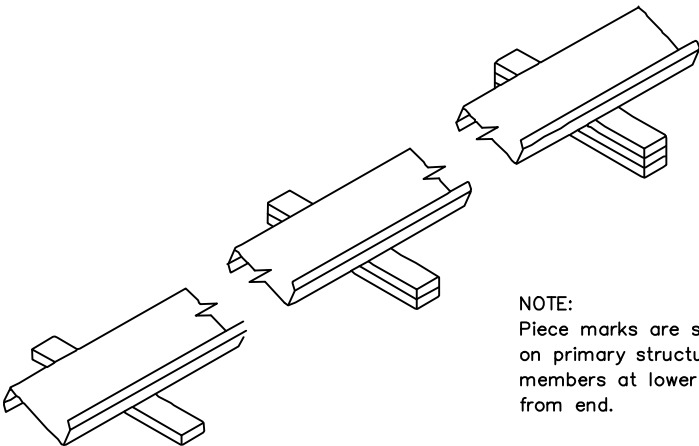
A great amount of time and trouble can be saved if the building site is according to a pre-arranged plan. Proper location and handling of components will eliminate unnecessary handling.

Inspect all shipments prior to releasing the tie-downs for loads that may have shifted during transit, REMEMBER, SAFETY FIRST!

Blocking under the columns and rafters protects the splice plates and the slab from damage during the unloading process. It also facilitates the placing of slings or cables around the members for later lifting and allows members to be bolted together into sub-assemblies while on the ground. Extra care should always be exercised in the unloading operations to prevent injuries from handling the steel and to prevent damage to materials and the concrete slabs.

If water is allowed to remain for extended periods in bundles of primed parts such as girts, purlins etc., the pigment will fade and the paint will gradually soften, reducing the bond to the steel. Therefore, upon receipt of a job, all bundles of primed parts should be stored at an angle to allow any trapped water to drain away and permit air circulation for drying. Puddles of water should not be allowed to collect and remain on columns, rafters or beams for the same reason.

All Primer should be touched up as required before erection!



NOTE:
Piece marks are stenciled
on primary structural
members at lower end, 1'-0"
from end.

WALLS AND ROOF PANELS

RIGID's wall and roof panels including color coated, galvalume and galvanized, provide excellent service under widely varied conditions. All unloading and erection personnel should fully understand that these panels are quality merchandise which merit cautious care in handling.

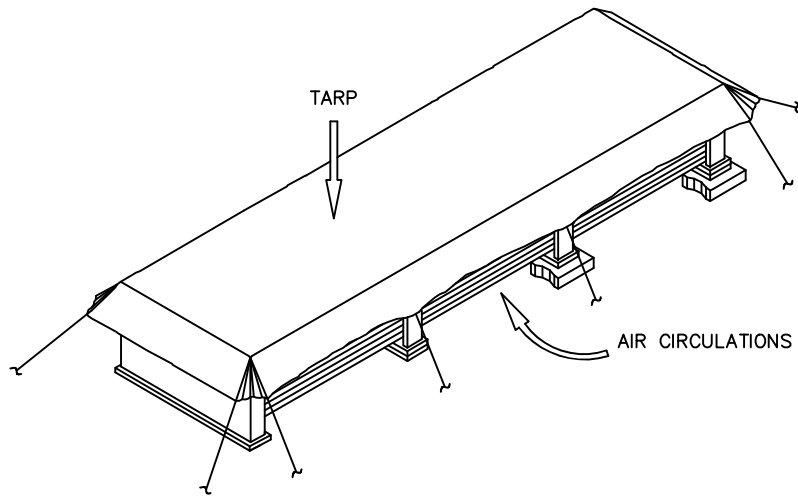
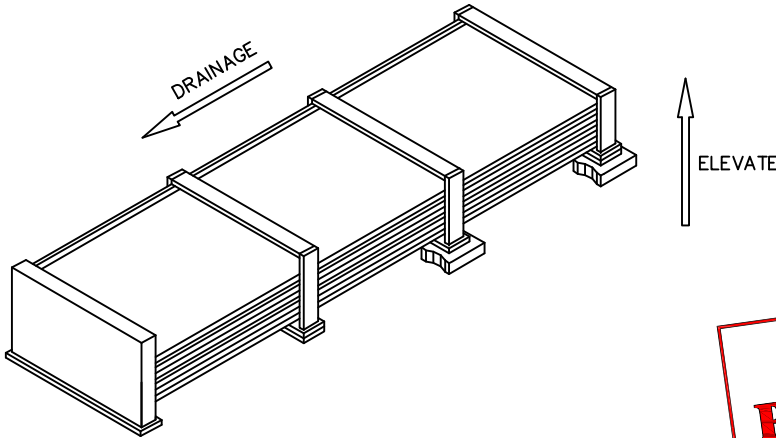
Under no circumstances should panels be handled roughly. Packages of sheets should be lifted off the truck with extreme care taken to insure that no damage occurs to ends of the sheets or to side ribs. The packages should be stored off the ground sufficiently high to allow air circulation underneath the packages. This avoids ground moisture and deters people from walking on the packages. One end of the package should always be elevated to encourage drainage in case of rain.

All stacked metal panels are subject, to some degree, to localized discoloration or stain when water is trapped between their closely nested surfaces. RIGID exercises extreme caution during fabricating and shipping operations to insure that all panel stock is kept dry. However, due to climatic conditions, water formed by condensation of humid air can be trapped between stacked sheets. Water can also be trapped between stacked sheets when exposed to rain. This discoloration caused by trapped moisture is often called wet storage stain.

The stain is usually superficial and has little effect on the appearance or service life of the panels as long as it is not permitted to remain on the panels. However, moisture in contact with the surface of the panels over an extended period can severely attack the finish and reduce the effective service life. Therefore, it is imperative that all panels be inspected for moisture upon receipt of the order. If moisture is present, dry the panels at once and store in a dry, warm place.

CAUTION: Care should always be taken when walking on panels. Use safety lines and nets when necessary! Panels are slippery. Oil or wax applied to the roof and wall panels for protection against weather damage will make them a very slippery surface. Wipe dry any oil that has puddled from bundles stored on a slope. Dew, frost, or other forms of moisture greatly increase the slipperiness of the panels. Always assume panel surface is slippery and act accordingly. Think safety!!

Use wood blocking to elevate and slope the panels in a manner that will allow moisture to drain. Wood blocking placed between bundles will provide additional air circulation. Cover the stacked bundles with a tarp or plastic cover leaving enough opening at the bottom for air to circulate.



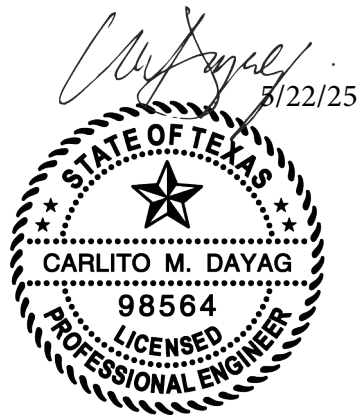
When handling or uncrating the panels, lift, rather than slide, them apart. Burled edges may scratch the coated surfaces when sheets are slid over one another. Never allow panels to be walked on while on the ground.

Rough and improper handling of a panel is inexcusable and a prime example of poor job supervision.

NOTE:
Use gloves when handling metal panels to prevent hand injuries. Be aware, of the dangers of handling panels on a windy day. A large panel can catch enough wind to knock a worker off his feet, even at ground level!! Safety first!!

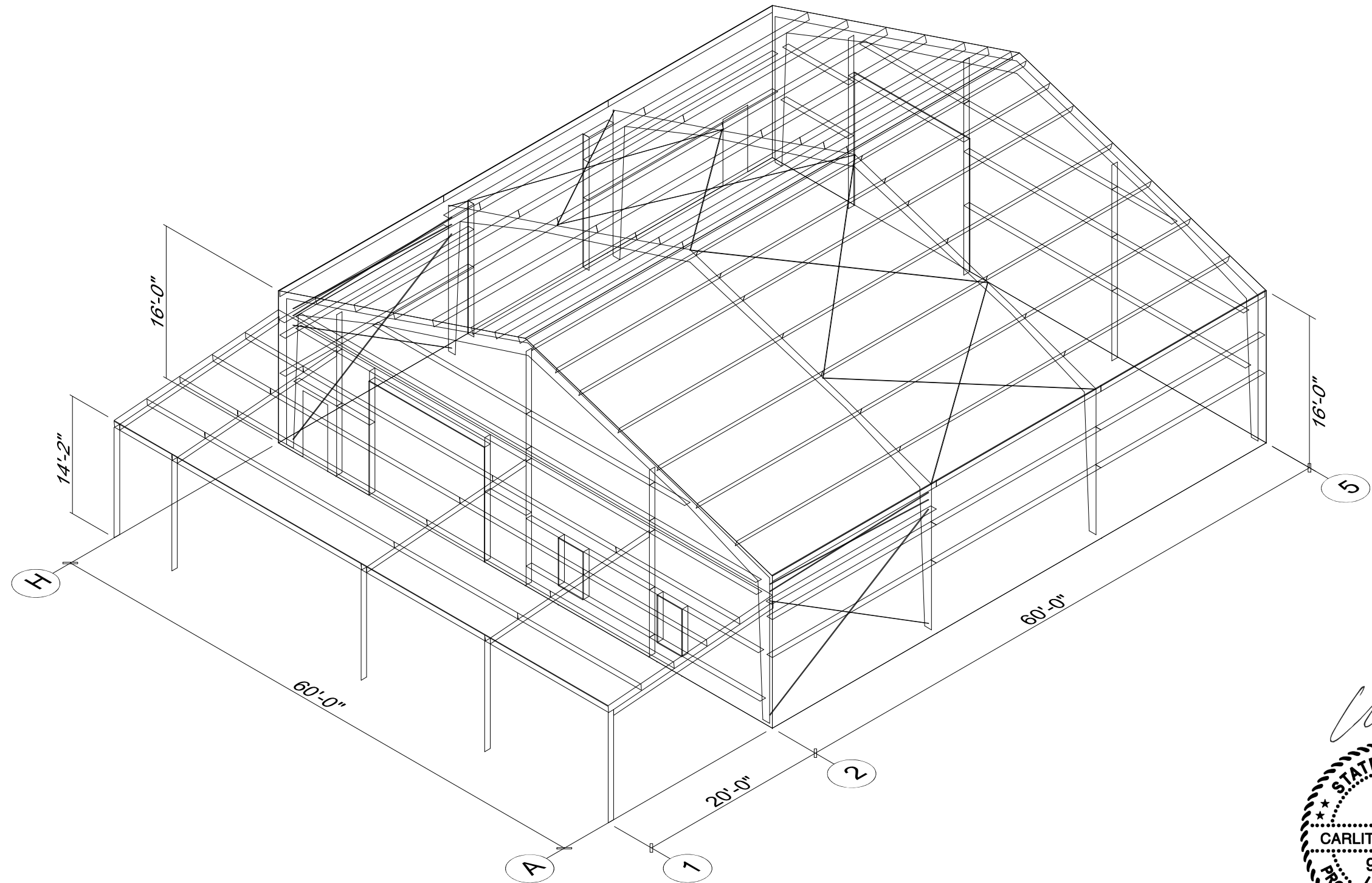
GENERAL NOTE:
1. OIL CANNING OF PANELS IS NOT A CAUSE OF REJECTION.
2. EXTREME CARE MUST BE EXERCISED DURING THE ERECTION OF ROOF PANELS AND TRIMS. FOOT TRAFFIC MAY RESULT IN PERMANENT PANEL DISTORTION AND FINISH ABRASION.

**FOR
PERMIT**



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CUSTOMER				
Double "H" Construction				
ORDER NO.	82362	REV NO.	173445	REVISION
			A	
			C003	
			A	

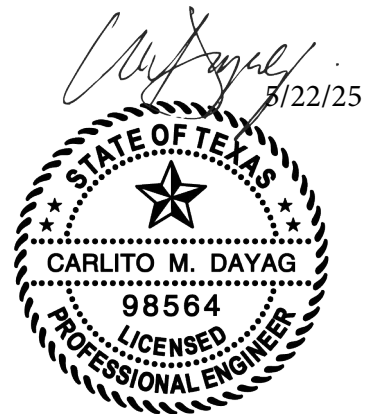


**FOR
PERMIT**



BUILDING ISOMETRIC VIEW

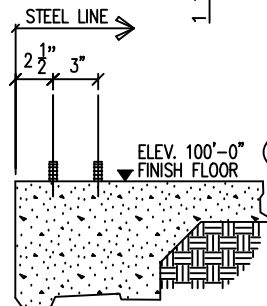
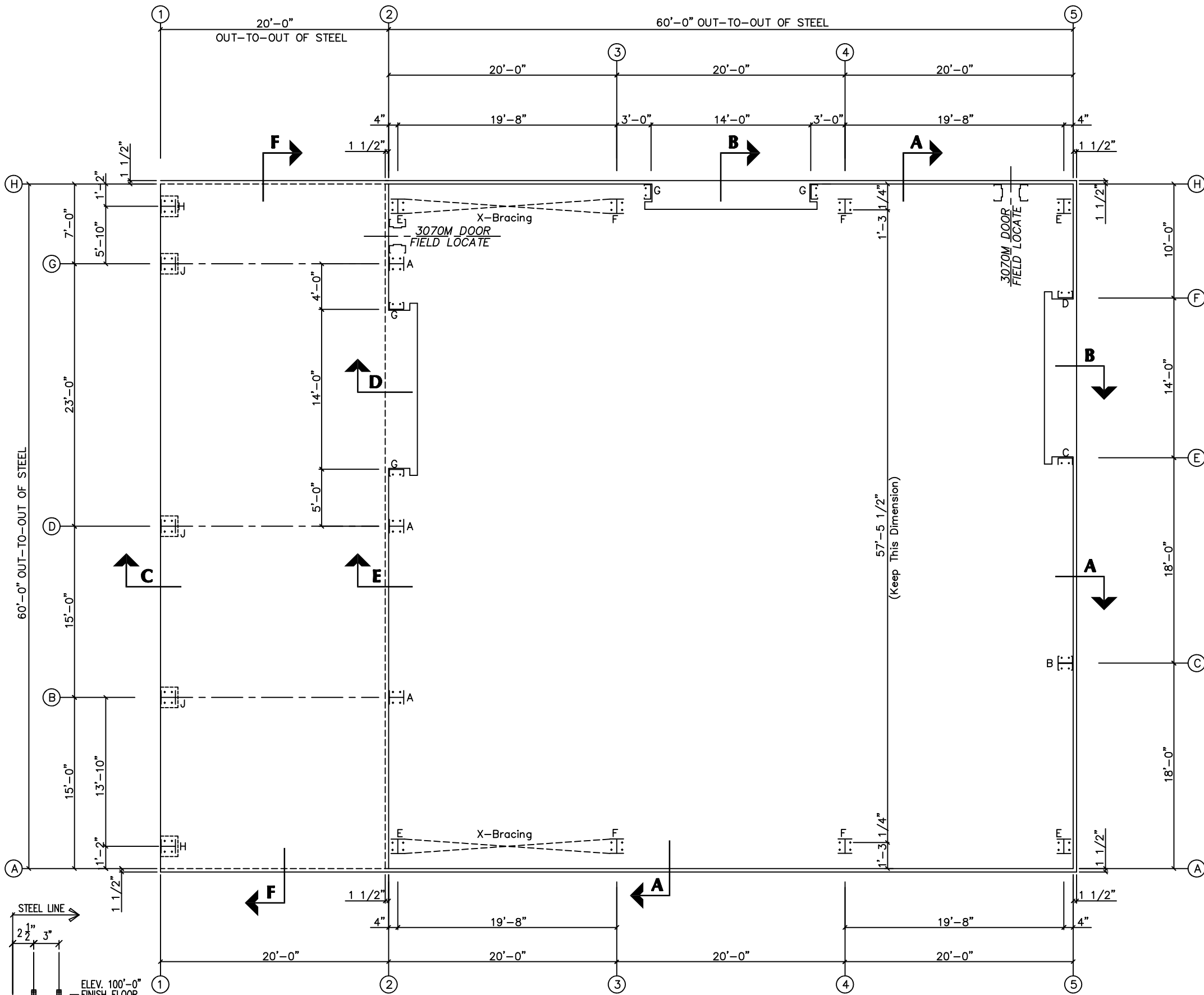
+ FOR GENERAL OVERVIEW ONLY
+ SEE ROOF FRAMING, WALL ELEVATION, FRAME CROSS SECTION FOR DETAILS



SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

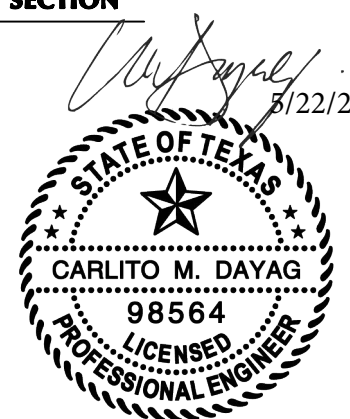
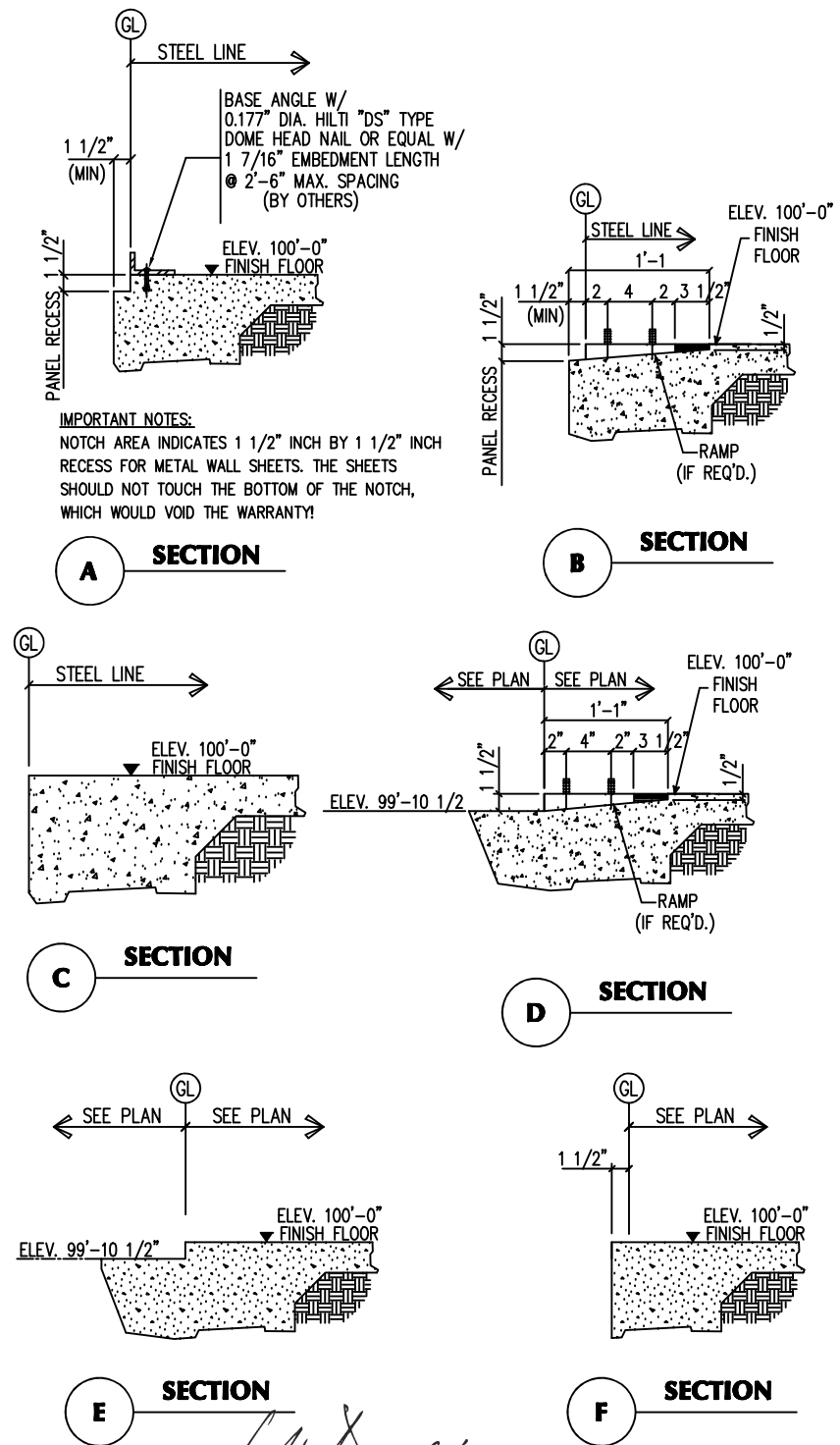
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Aldine Westfield Houston, Tx, 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	BUILDING ISOMETRIC VIEW								
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction								
							END USER	Charles Dombeck								
							END USE	Shop	BUILDING	A						
							STREET	7230 Shady Grove Rd.								
							CITY ST ZIP	Keller, TX 76248								
							SCALE	82362	JOB NO.	173445	SCALE	N.T.S.	DWG. NO.	C005	BLK.	A





FOR PERMIT

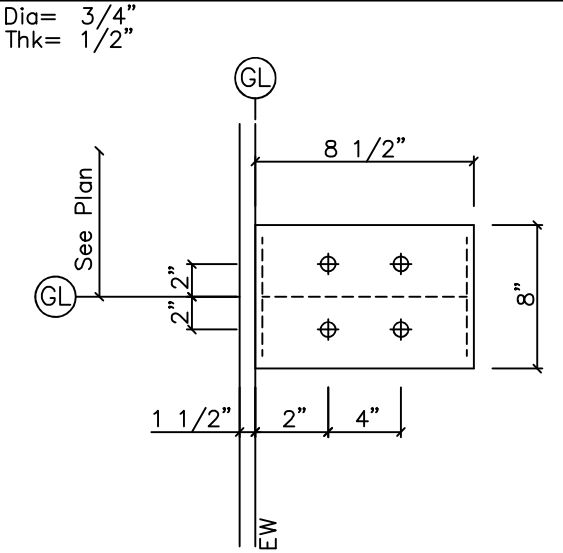
COLUMN LAYOUT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)



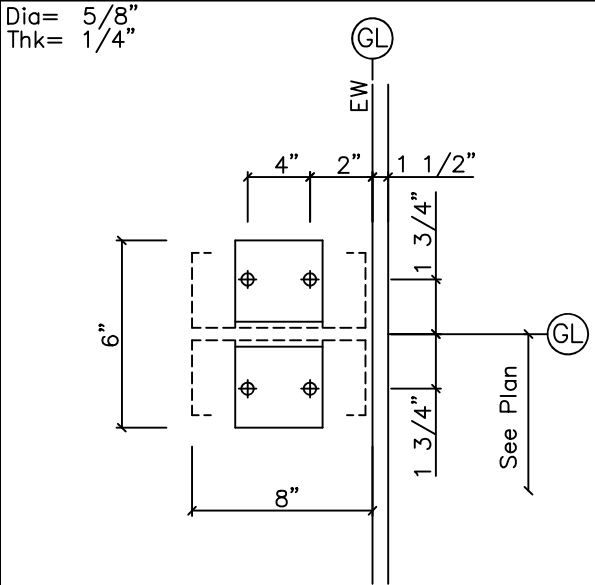
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/16/25	MHR	--	AVC

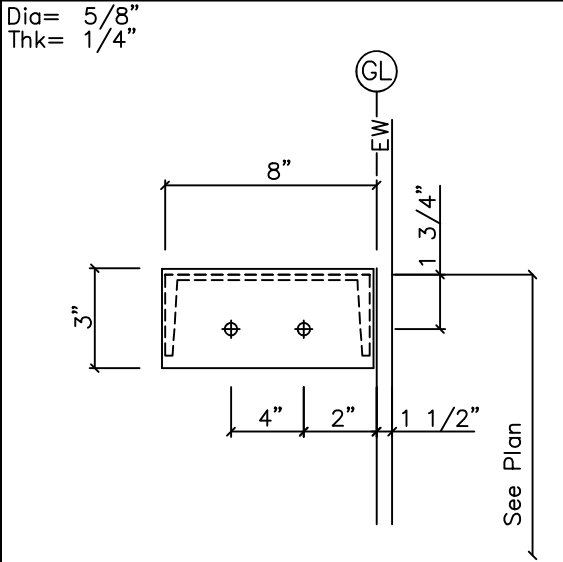
DESCRIPTION	COLUMN LAYOUT PLAN
CUSTOMER	Double "H" Construction
END USER	Charles Dombeck
END USE	Shop
STREET	7230 Shady Grove Rd.
CITY ST ZIP	Keller, TX 76248
82362	173445
N.T.S.	F001
A	



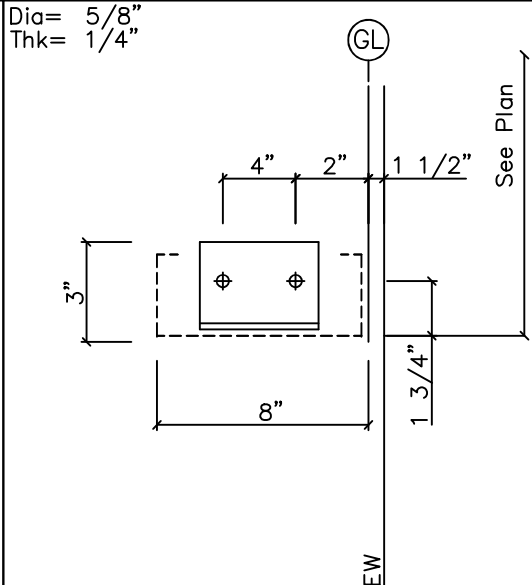
DETAIL A



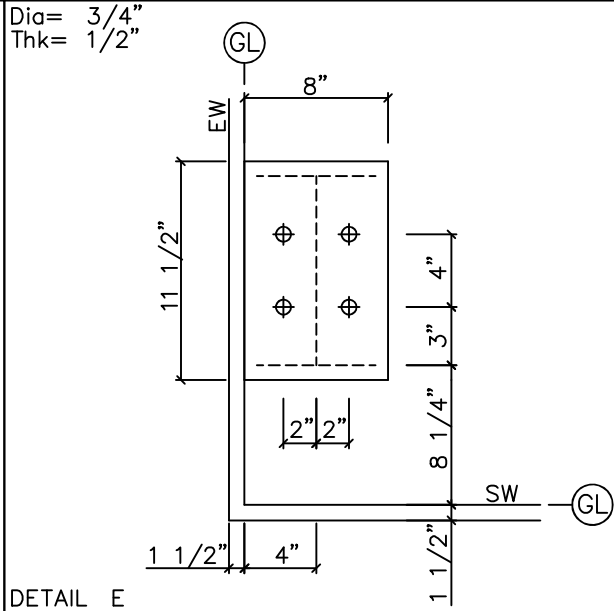
DETAIL B



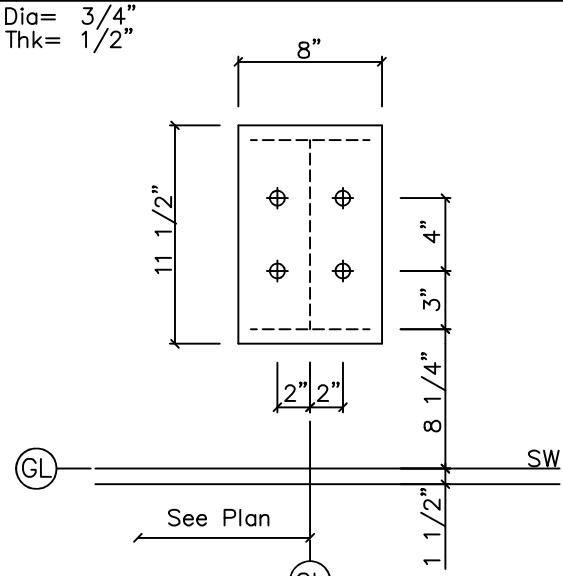
DETAIL C



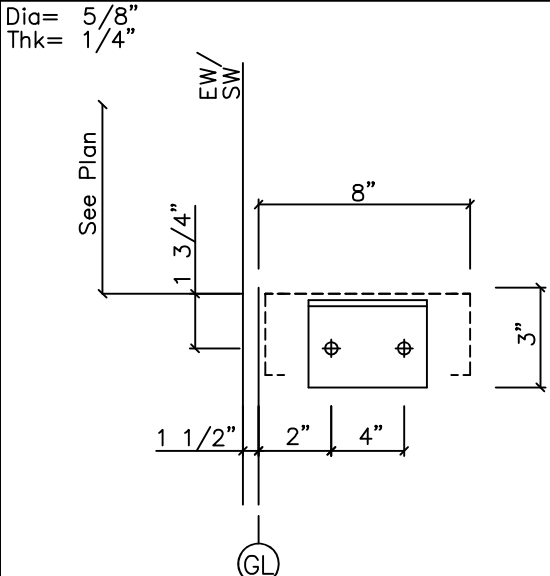
DETAIL D



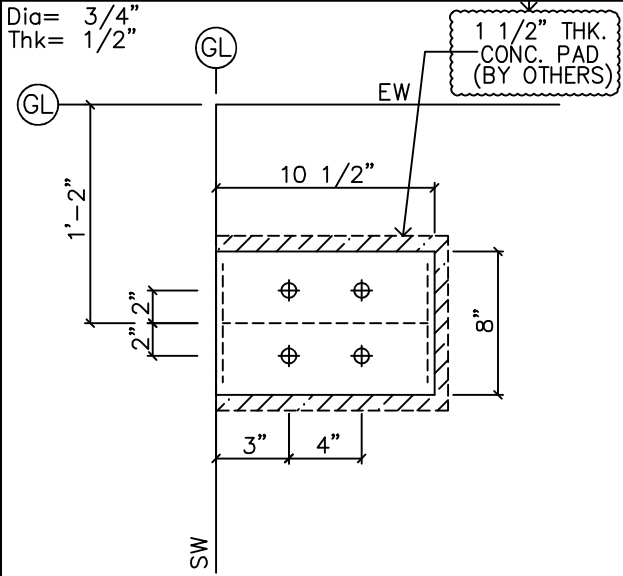
DETAIL E



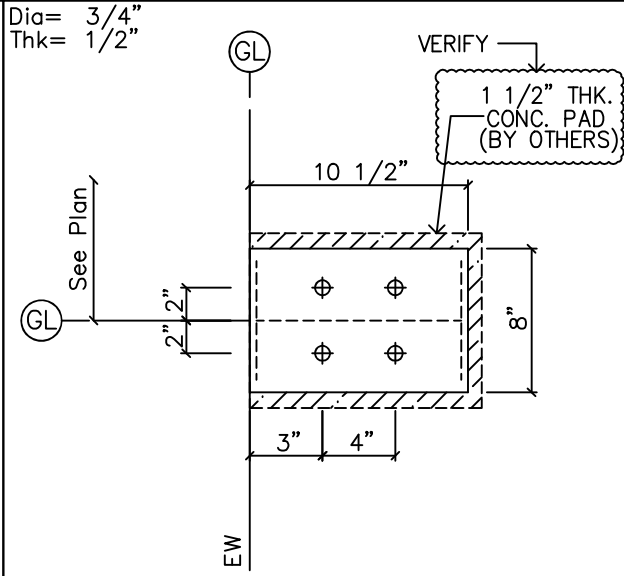
DETAIL F



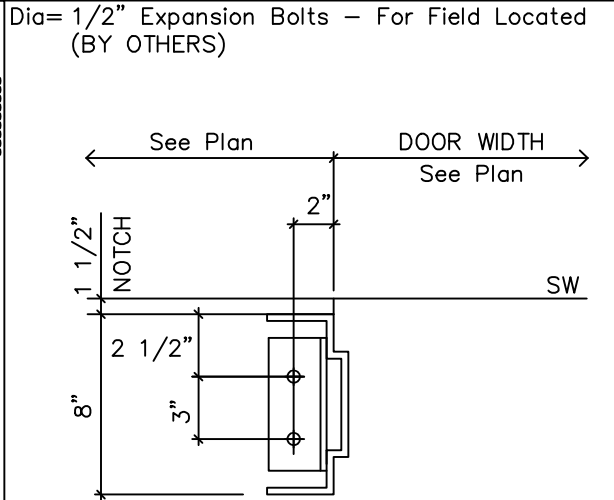
DETAIL G



DETAIL H

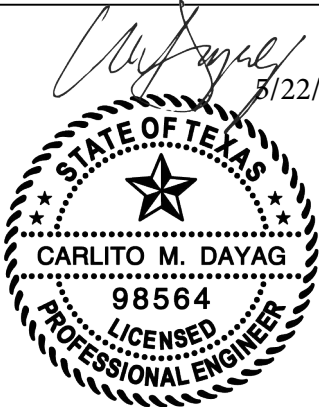


DETAIL J



FIELD LOCATE WALKDOOR

FOR PERMIT



GENERAL NOTES:
① THE ANCHOR BOLT DETAILS SHOWN ON THIS DRAWING LOCATE THE ANCHOR BOLTS IN REFERENCE TO BOTH THE BUILDING STEEL LINE AND THE OUTSIDE OF RIGID'S SUGGESTED PANEL RECESS OF 1-1/2".
② THE ANCHOR BOLT SETTING PLAN LOCATES ANCHOR BOLTS IN REFERENCE TO THE OUTSIDE OF THE PANEL RECESS SHOWN. IF THE ACTUAL PANEL RECESS IS DIFFERENT FROM WHAT IS SHOWN ON THE ANCHOR BOLT SETTING PLAN, THEN ALL REFERENCE DIMENSIONS FROM THE OUTSIDE OF THE PANEL RECESS MUST BE DETERMINED BY THE CUSTOMER.
③ BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED)

NOTE:
ONLY ANCHOR BOLTS SETTING PLAN ISSUED & STAMPED "FOR CONSTRUCTION" SHALL BE USED IN SETTING ANCHOR BOLTS. "RIGID GLOBAL BUILDINGS" SHALL NOT BE RESPONSIBLE FOR ERROR OR DISCREPANCY IF THE DRAWING USED IS NOT VALID FOR CONSTRUCTION.

QTY.	SYMBOL	DIA.	PROJ.	ANCHOR BOLT DETAIL	
0	+	1/2"	1"	ANCHOR BOLT PROJECTION "PROJ." IS MEASURED FROM BOTTOM OF BASE PLATE	DETAIL OF ANCHOR BOLT AS PER THE SUPPLIER
16	+	5/8"	2"		
64	+	3/4"	2 1/2"		
0	+	7/8"	2 3/4"	LENGTH OF "PROJ." SHOWN IS FOR ONE NUT + ONE WASHER	NUTS & WASHERS BY SUPPLIER
0	+	1"	3"		
0	+	1 1/8"	3 1/2"		
0	+	1 1/2"	3 1/2"	ANCHOR BOLTS NOT BY RIGID GLOBAL BUILDINGS	

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC



DESCRIPTION	ANCHOR BOLT DETAILS		
CUSTOMER	Double "H" Construction		
END USER	Charles Dombeck		
END USE	Shop	BUILDING	A
STREET	7230 Shady Grove Rd.		
CITY ST ZIP	Keller, TX 76248		
82362	173445	N.T.S.	F002 A

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Live Vert	Snow Vert	Snow Drift Vert	Wind_Press Horz	Wind_Press Vert	Wind_Suct Horz	Wind_Suct Vert	Seis Long Vert
2	G	0.5	3.0	3.0	1.3	-2.5	-4.6	2.9	-1.2	0.0
2	D	0.7	3.8	3.8	1.6	-4.5	-5.8	5.5	-1.5	0.0
2	B	0.5	3.0	3.0	1.3	-2.8	-4.6	3.4	-1.2	0.0
5	C	0.2	0.0	0.0	0.0	-3.9	0.0	4.3	0.0	0.0
5	E	0.3	0.0	0.0	0.0	-3.8	0.0	4.2	0.0	0.0
5	F	0.1	0.0	0.0	0.0	-2.2	0.0	2.5	0.0	0.0

EXTENSION COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Live Vert	Snow Vert	Snow Drift Vert	Wind1 Vert	Wind2 Vert
1	H	0.3	0.7	0.7	0.0	-1.6	0.6
1	G	0.6	3.0	3.0	0.2	-7.0	2.4
1	D	0.7	3.8	3.8	0.2	-8.8	3.1
1	B	0.6	3.0	3.0	0.2	-7.0	2.4
1	A	0.4	1.5	1.5	0.1	-3.5	1.2

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
2	G	7	1.7	-0.4	8	-1.5	-2.4	4	0.750	8.000	8.500	0.500	0.0
		2	0.0	4.8									
2	D	7	3.3	-0.5	8	-2.7	-3.0	4	0.750	8.000	8.500	0.500	0.0
		2	0.0	6.1									
2	B	7	2.1	-0.4	8	-1.7	-2.4	4	0.750	8.000	8.500	0.500	0.0
		2	0.0	4.8									
5	C	7	2.6	0.1	8	-2.3	0.1	4	0.625	6.000	6.000	0.250	0.0
		9	2.6	0.2									
5	E	7	2.5	0.2	8	-2.3	0.2	2	0.625	3.000	8.000	0.250	0.0
		10	1.9	0.3									
5	F	7	1.5	0.1	8	-1.3	0.1	2	0.625	3.000	6.000	0.250	0.0
		9	1.5	0.1									

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
1	H	11	0.0	-0.7	11	0.0	-0.7	4	0.750	8.000	10.50	0.500	0.0
		12	0.0	1.2									
1	G	11	0.0	-3.7	11	0.0	-3.7	4	0.750	8.000	10.50	0.500	0.0
		12	0.0	4.1									
1	D	11	0.0	-4.8	11	0.0	-4.8	4	0.750	8.000	10.50	0.500	0.0
		12	0.0	5.1									
1	B	11	0.0	-3.7	11	0.0	-3.7	4	0.750	8.000	10.50	0.500	0.0
		12	0.0	4.1									
1	A	11	0.0	-1.7	11	0.0	-1.7	4	0.750	8.000	10.50	0.500	0.0
		12	0.0	2.2									

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. Building reactions are based on the following building data:

Width (ft) = 60.0

Length (ft) = 60.0

Eave Height (ft) = 16.0/ 16.0

Roof Slope (rise/12) = 4.00/ 4.00

Roof Dead Load (psf) = 2.2

Roof Live Load (psf) = 20.0

Frame Live Load (psf) = 12.0

Collateral Load (psf) = 1.0

Snow Load (psf) = 4.2

Basic Design Wind Speed = V (3 sec. gust) = 107.00 mph

Allowable Stress Wind Speed = Vasd (3 sec. gust) = 82.88 mph

Wind Code =IBC 21

Exposure =C

Closure =Enclosed

Internal Wind Coeff =-0.18, +0.18

Risk Category =II - Normal

Importance - Wind = 1.00

Importance - Seismic = 1.00

Seismic Design Category =B

Seismic Coeff (Sms) = 0.16
5. Loading conditions are:

1 Dead+Collateral+Live

2 Dead+Collateral+Snow+Snow_Drift

3 0.6Dead+0.6Wind_Left1

4 0.6Dead+0.6Wind_Right1

5 0.6Dead+0.6Wind_Long1L

6 0.6Dead+0.6Wind_Long2L

7 0.6Dead+0.6Wind_Right2+0.6Wind_Suction

8 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

9 Dead+0.6Wind_Right2+0.6Wind_Suction

10 Dead+Collateral+0.45Wind_Right2+0.45Wind_Suction+0.75E2UNB_SL_R

11 0.6Dead+0.6Wind_Pressure

12 Dead+Collateral+0.75Snow+0.45Wind_Suction+0.75Snow_Drift

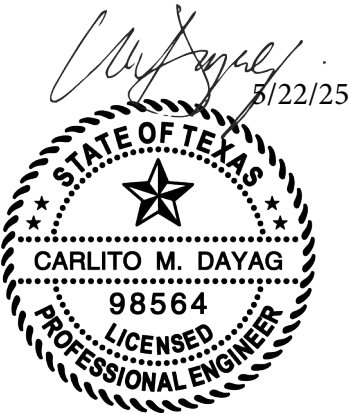
BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	2							(h)
F_SW	A	2,3	10.0	7.3	0.5	0.3		
R_EW	5							(h)
B_SW	H	3,2	10.0	7.3	0.5	0.3		

(h)Rigid frame at endwall

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

FOR PERMIT



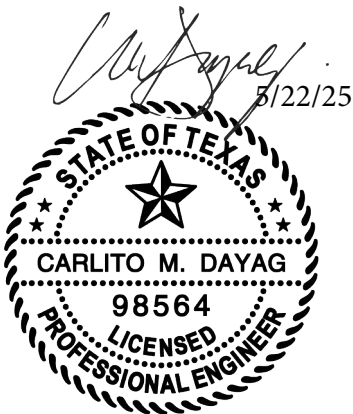
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	ANCHOR BOLT REACTIONS								
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction								
							END USER	Charles Dombeck								
							END USE	Shop	BUILDING	A						
							STREET	7230 Shady Grove Rd.								
							CITY ST ZIP	Keller, TX 76248								
							ANCHOR BOLT	82362	ANCHOR BOLT	173445	ANCHOR BOLT	N.T.S.	ANCHOR BOLT	F004	ANCHOR BOLT	A

EXTENSION/CANOPY BOLTS				
ROOF PLAN				
MARK	QUAN	TYPE	DIA	LENGTH
EB-1	6	A325	5/8"	1"
EB-3	6	A325	5/8"	1"
EB-4	6	A325	5/8"	1"

MEMBER TABLE	
ROOF PLAN	
MARK	PART
EB-1	W08542
EB-2	W10x12
EB-3	W08542
EB-4	W08542
P-1	8x25Z16
P-2	8x25Z16
P-3	8x25Z12
P-4	8x25Z12
P-5	8x25Z14
P-6	8x25Z16
E-1	L8x5x3ES16
E-2	L8x5x3ES16
E-3	L8x5x3ES16
E-4	L8x5x3ES12
E-5	L8x5x3ES16
E-6	L8x5x3ES16
CB-3	CB0375
CB-4	CB0250

FOR PERMIT



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ROOF FRAMING PLAN

NOTE: WITH 6" THK. VRR ROOF INSULATION (BY OTHERS)

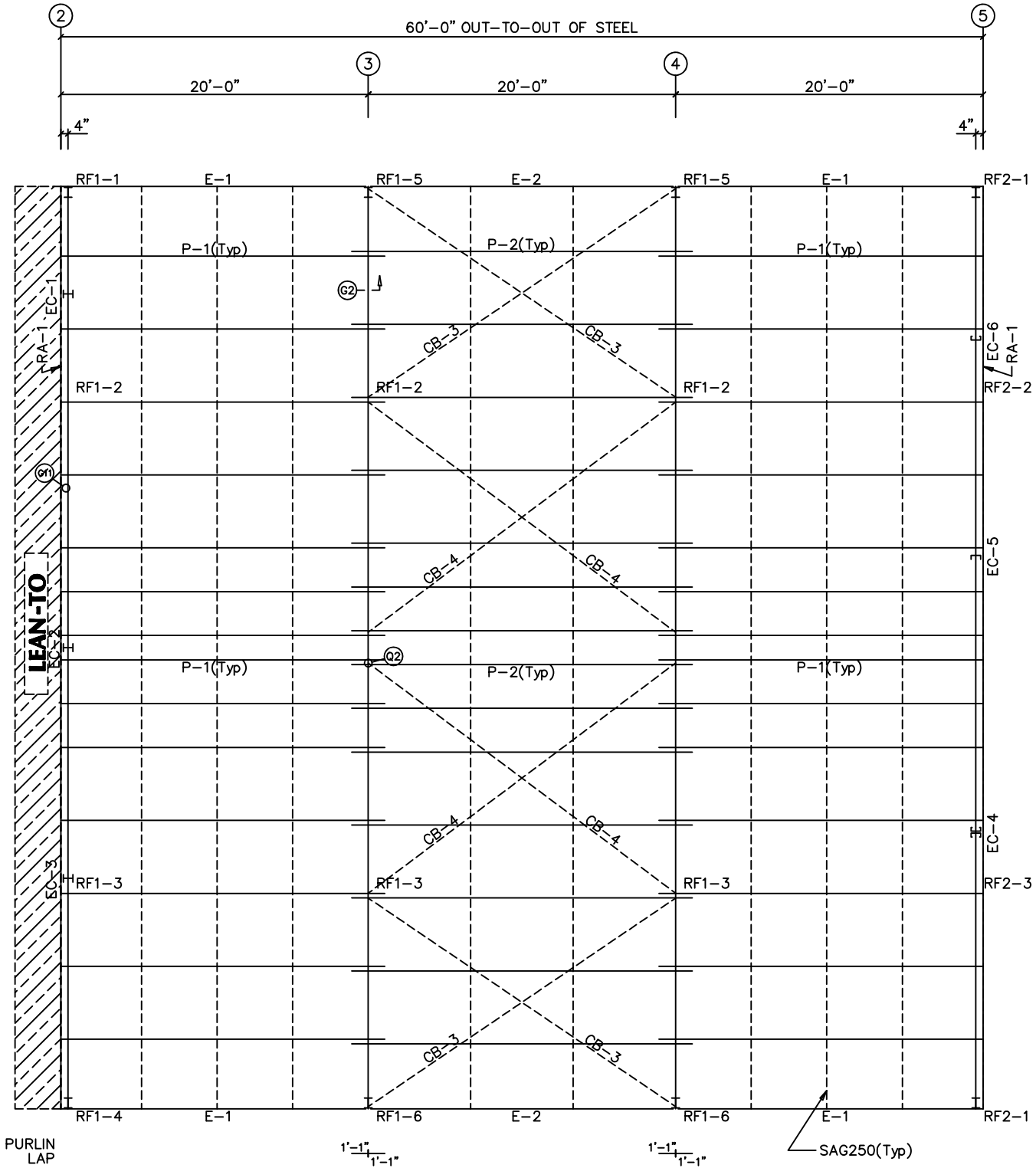
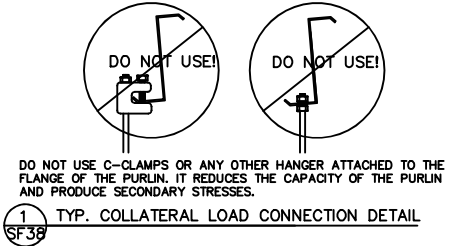
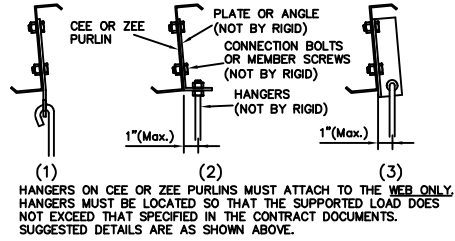
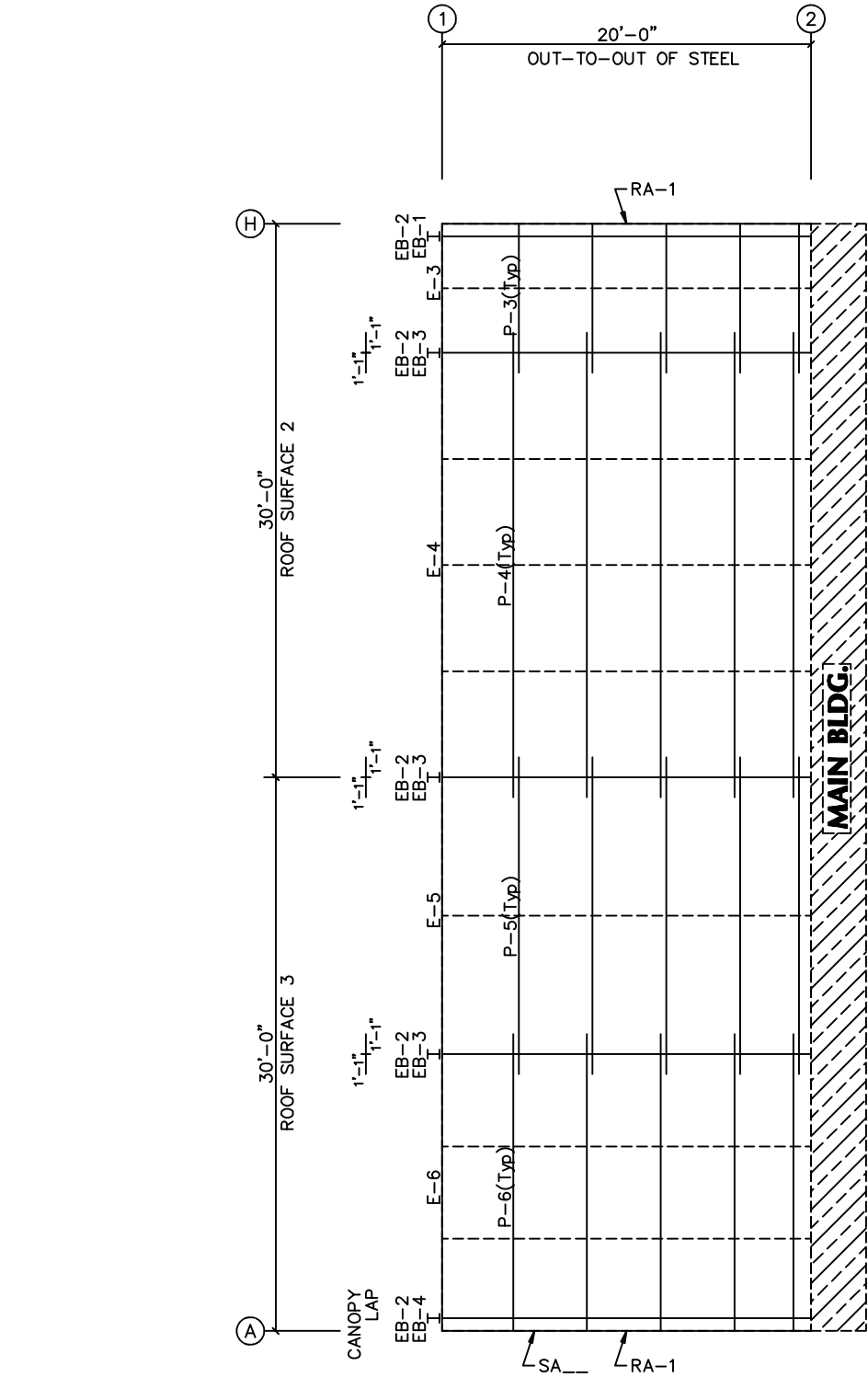
IMPORTANT NOTES:

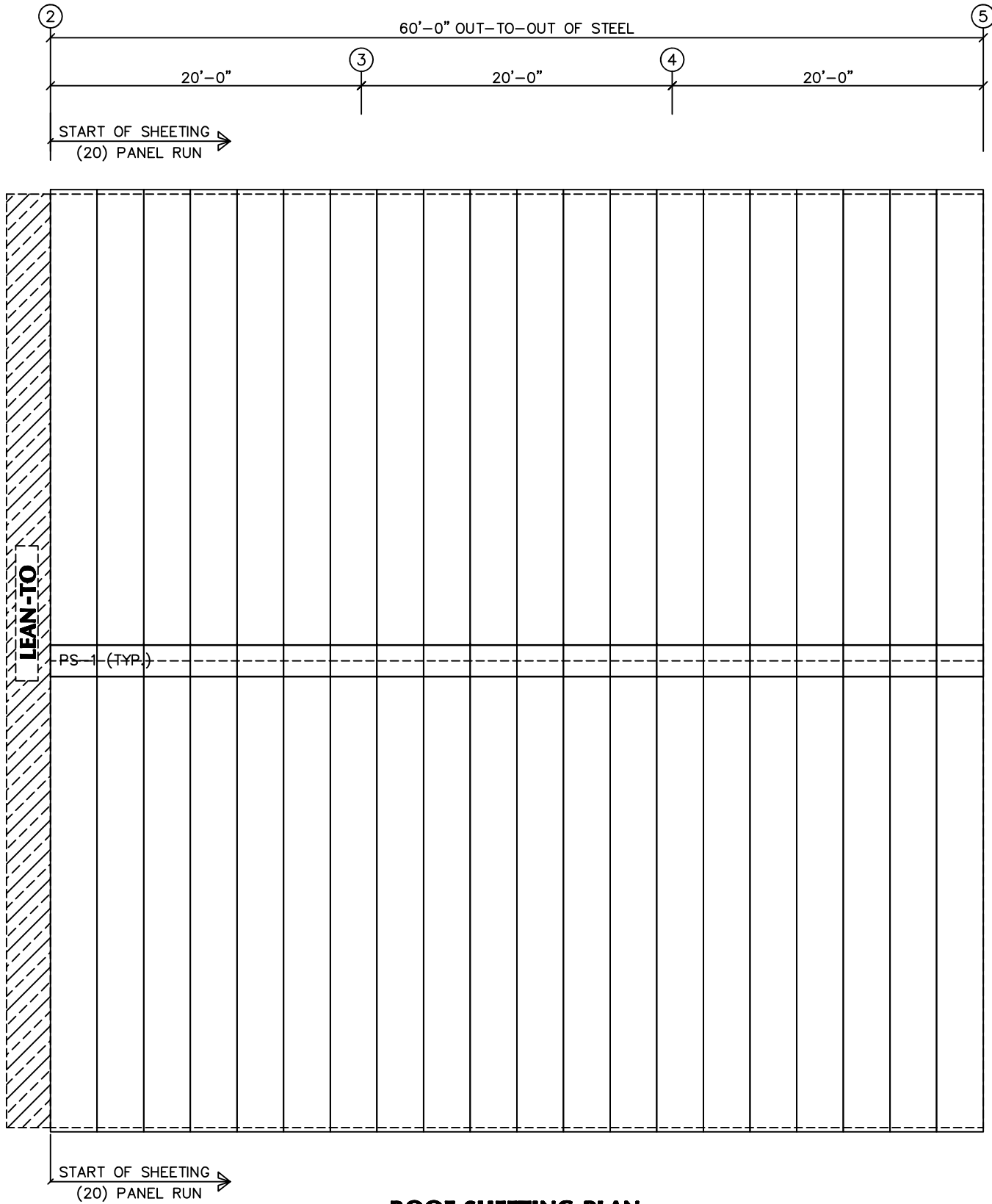
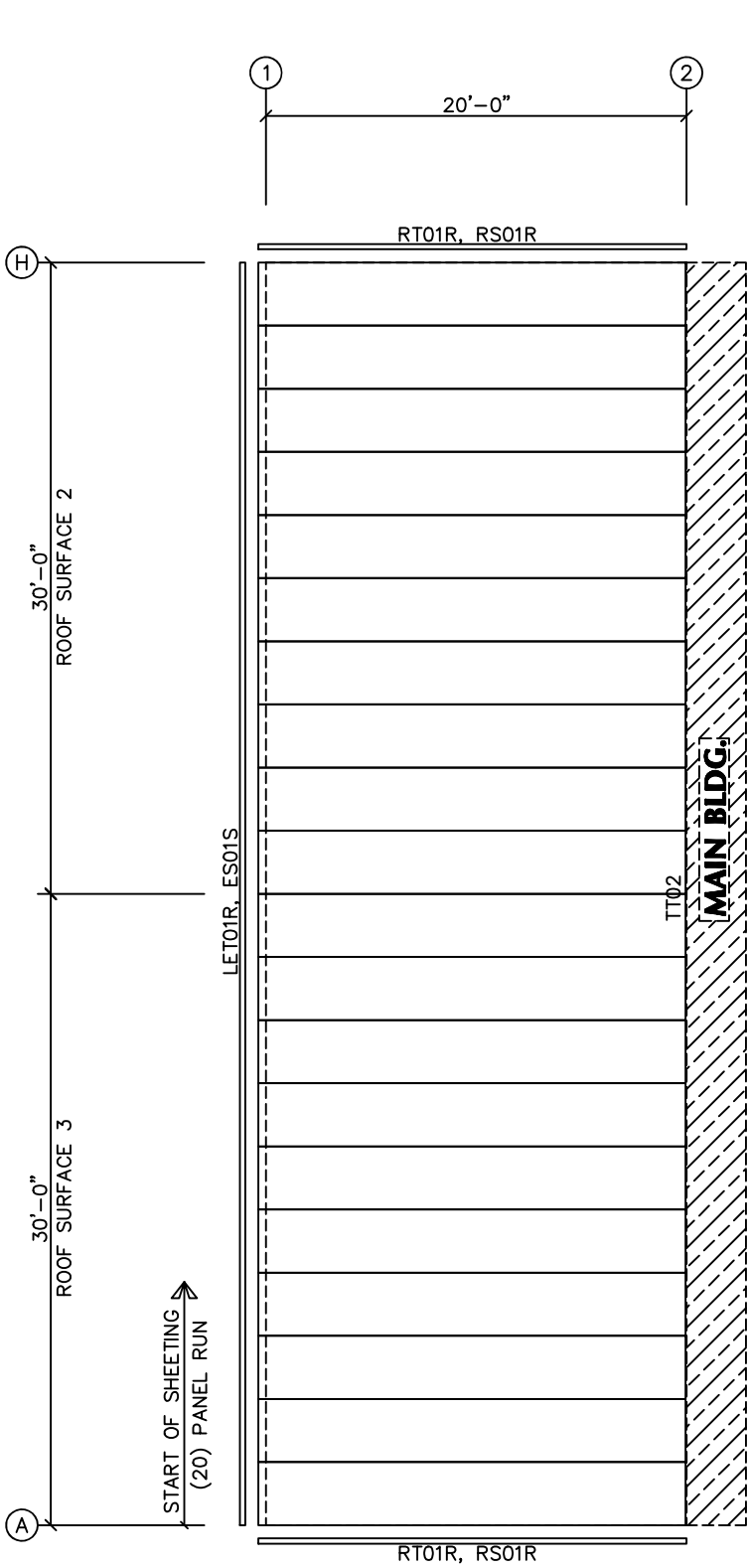
High R-value roof insulation systems require two layers of insulation. The sag straps that prevent purlin roll may conflict with faced roof insulation between purlins. Rigid Global Buildings recommends an unfaced layer between the purlins that can be cut around the required framing.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC



DESCRIPTION	ROOF FRAMING PLAN		
CUSTOMER	Double "H" Construction		
END USER	Charles Dombeck		
END USE	Shop	BUILDING	A
STREET	7230 Shady Grove Rd.		
CITY ST ZIP	Keller, TX 76248		
PLAN NO.	82362	REV.	173445
SCALE	N.T.S.	DATE	E001
BY			A





ROOF SHEETING PLAN
PANELS: 26 Ga. PBR – S2000 Standard

IMPORTANT NOTES:

Additional Panel Information
=====

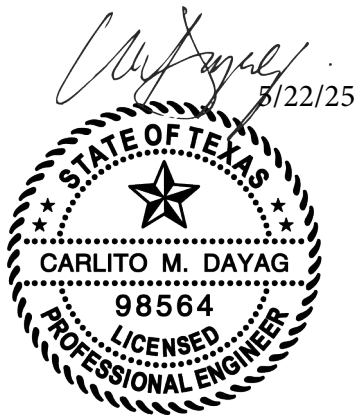
Roof Panel: PBR (36" Wide) Screw Down
Roof Insulation Thickness (in.) Above Purlin: 6
SSR Clip Type: -----
SSR Seam Type: -----

- =====
1. OIL CANNING OF PANELS IS NOT A CAUSE OF REJECTION.
 2. EXTREME CARE MUST BE EXERCISED DURING ERECTION OF ROOF PANELS AND TRIMS. FOOT TRAFFIC MAY RESULT IN PERMANENT PANEL DISTORTION AND FINISH ABRASION.
- =====

ERECTOR'S NOTE
=====

1. INSTALLER OF STANDING SEAM ROOF PANEL MUST STUDY THE INSTALLATION MANUALS PRIOR TO INSTALLATION. MANUALS ARE PROVIDED WITH THE MATERIALS SHIPMENT BUT CAN BE REQUESTED OR DOWNLOADED FROM THE RIGID GLOBAL BUILDINGS WEBSITE AT www.rigidbuilding.com
2. FAILURE TO INSTALL THE ROOF SHEETS IN ACCORDANCE WITH THE SHEETING DIRECTIONAL ARROWS SHOWN ON THESE PLANS MAY RESULT IN IMPROPER FIT-UP OF THE OUTSIDE CLOSURES (END DAMS) AND POSSIBLY OTHER TRIM COMPONENTS WHICH COULD AFFECT THE OVERALL APPEARANCE AND WEATHER TIGHTNESS OF THE BUILDING. RIGID WILL NOT BE HELD RESPONSIBLE FOR THE CHARGES OR ADDITIONAL FIELD WORK DUE TO NOT FOLLOWING SHEETING DIRECTIONAL ARROWS AND OTHER PROCEDURES OUTLINED IN THE ERECTION MANUAL.
3. IN THE EVENT THAT A DISCREPANCY OR ERROR ARISES WITH MATERIALS SHIPPED FOR THIS PROJECT OR ON THESE ERECTION DRAWINGS, THE ERECTOR/INSTALLER MUST NOTIFY RGB PRIOR TO CORRECTING. IF RGB IS NOT NOTIFIED, RGB WILL NOT HONOR BACKCHARGES BY ANY PARTY INVOLVED.
4. MEMBER SCREW AND STITCH SCREW PATTERNS AND LOCATIONS SHALL BE IN ACCORDANCE WITH ROOF AND WALL DETAILS SHOWN ON DWG.# E012
5. RGB SUPPLIES 5% FOR OVERAGE AND ANY CLAIM ON SHORTAGE BECAUSE OF NON-COMPLIANCE WITH THE DRAWINGS SHALL NOT BE RGB'S RESPONSIBILITY.

**FOR
PERMIT**



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	ROOF SHEETING PLAN			
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction			
							END USER	Charles Dombeck			
							END USE	Shop	BUILDING	A	
							STREET	7230 Shady Grove Rd.			
							CITY ST ZIP	Keller, TX 76248			
							82362	173445	N.T.S.	E002	A



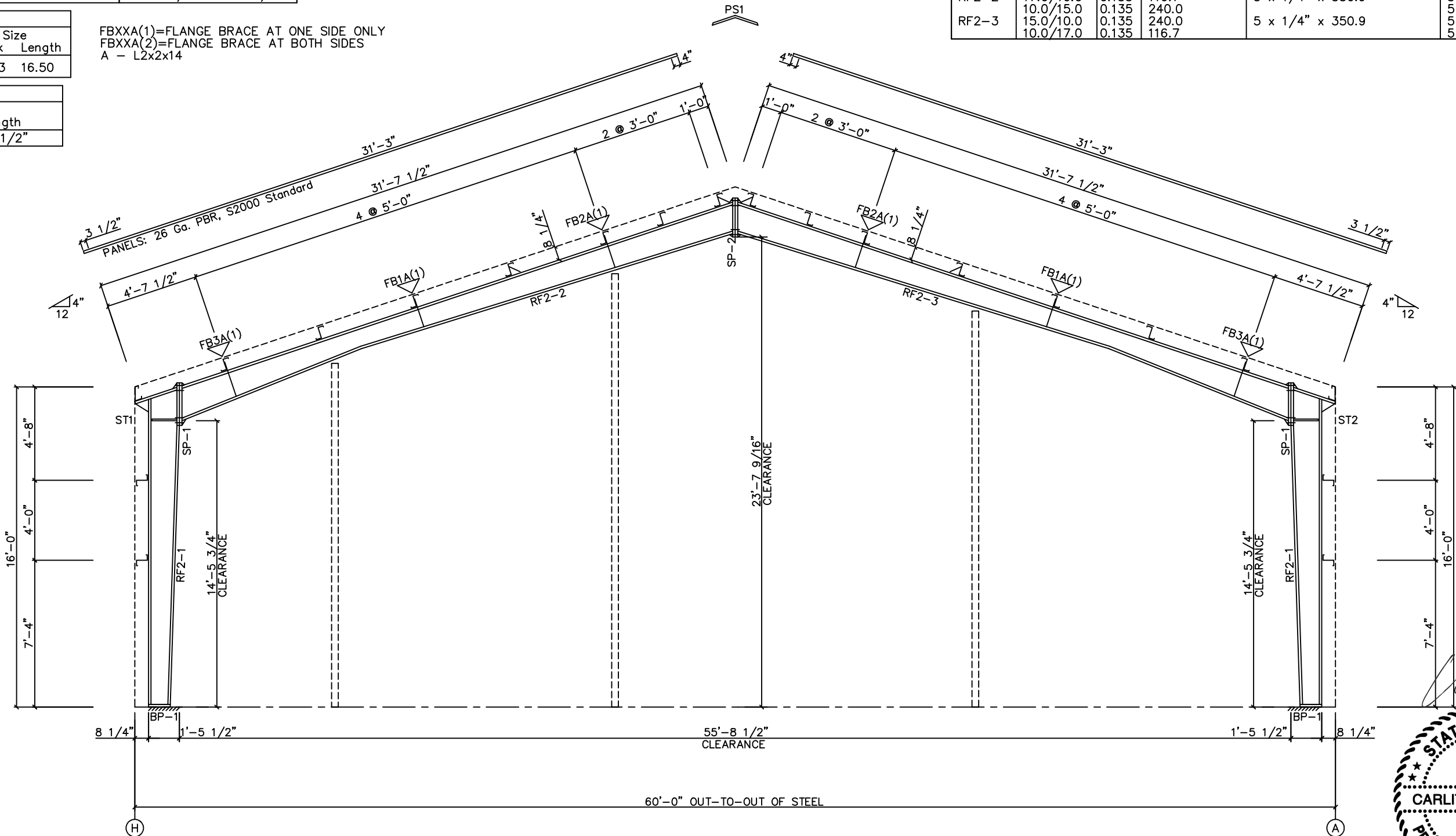
SPLICE PLATE & BOLT TABLE										
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	0	A325	0.625	2.00	6"	1/2"	2'-1 1/4"
SP-2	4	4	0	0	A325	0.625	2.00	6"	1/2"	1'-11 1/16"

STIFFENER TABLE				
Mark	Stiff	Plate Size		
	Mark	Width	Thick	Length
RF2-1	ST1	2.410	0.313	16.50

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

FBXXA(1)=FLANGE BRACE AT ONE SIDE ONLY
FBXXA(2)=FLANGE BRACE AT BOTH SIDES
A - L2x2x14

MEMBER TABLE					
Mark	Web Depth		Web Plate		Outside Flange W x Thk x Length
	Start/End	Thick	Length		
RF2-1	10.0/17.0	0.135	191.0		5 x 1/4" x 185.3 6 x 1/4" x 26.8
RF2-2	17.0/10.0	0.135	116.7		5 x 1/4" x 116.9
RF2-3	10.0/15.0	0.135	240.0		5 x 1/4" x 235.0
	15.0/10.0	0.135	240.0		5 x 1/4" x 235.0
	10.0/17.0	0.135	116.7		5 x 1/4" x 116.9

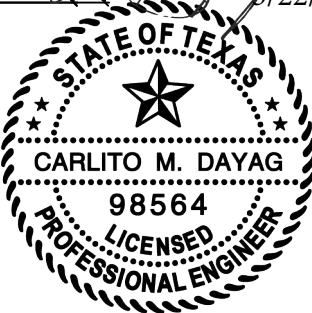


RIGID FRAME ELEVATION: FRAME LINE 5

GENERAL NOTES:

- CONSTRUCTION NOTES FOR THE RIGID FRAMES.
1. ALL PRIMARY STRUCTURAL STEEL SHALL BE FABRICATED FROM 50 OR 55 KSI STEEL.
 2. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED WITH A325 H. S. BOLTS.
 3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
 4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.
 5. A325 High Strength bolt shall be tightened with one washer. Refer to General Notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

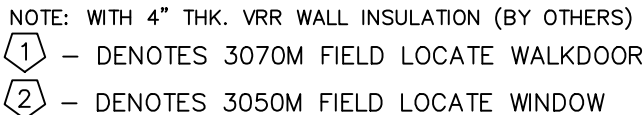
FOR
PERMIT



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Alaine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	RIGID FRAME ELEVATION							
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction							
							END USER	Charles Dombeck							
							END USE	Shop	BUILDING	A					
							STREET	7230 Shady Grove Rd.							
							CITY ST ZIP	Keller, TX 76248							
							DRAWING NO.	82362	DRAWING NO.	173445	SCALE	N.T.S.	REVISION NO.	E004	REVISION

MEMBER TABLE	
FRAME	LINE 2
MARK	PART
EB-1	W08542
EB-2	W10x12
EB-3	W08542
EB-4	W08542
EC-1	W8x10
EC-2	W8x13
EC-3	W8x10
DJ-1	8x25C16
DJ-2	8x25C16
DH-1	8x25C16
G-1	8x25Z16
G-2	8x25Z16
G-3	8x25Z16
G-4	8x25Z16
G-5	8x30Z12
G-6	8x25Z16
G-7	8x25Z12
NG-7	8x25Z16
G-8	8x25Z16
G-9	8x25C16
G-10	8x35C16
G-11	8x25Z16
G-12	8x25C16
G-13	8x25C16
G-14	8x25Z16
G-15	8x25Z16
G-16	8x25Z16



FOR PERMIT

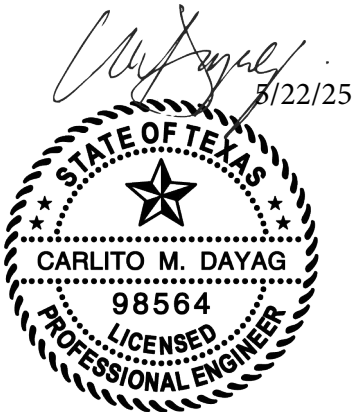
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	CANOPY, ENDWALL FRAMING, SHEETING & TRIM								
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction								
							END USER	Charles Dombeck								
							END USE	Shop			BUILDING	A				
							STREET	7230 Shady Grove Rd.								
							CITY ST ZIP	Keller, TX 76248								
							SALES NO.	82362	DOB NO.	173445	SCALE	N.T.S.	ENCL. NO.	E005	MARK	A

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MEMBER TABLE	
FRAME LINE 5	
MARK	PART
EC-4	8x70D12
EC-5	C8x11.5
EC-6	8x35C12
DH-1	8x25C16
G-17	8x25Z14
G-18	8x25Z14
G-19	8x25Z16
G-20	8x25Z12
G-21	8x25Z14
G-22	8x30Z14
G-23	8x25Z16
G-24	8x25Z16
G-25	8x25Z16



NOTE: WITH 4" THK. VRR WALL INSULATION (BY OTHERS)

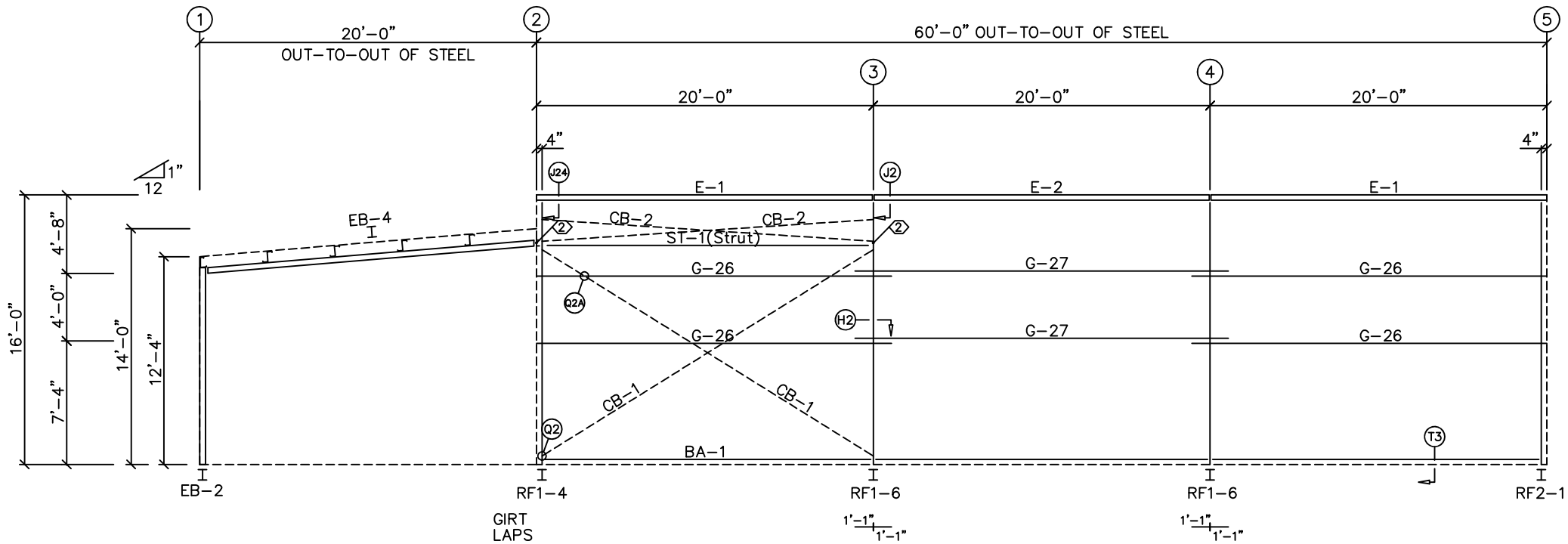


PANELS: 26 Ga. PBR – S2000 Standard

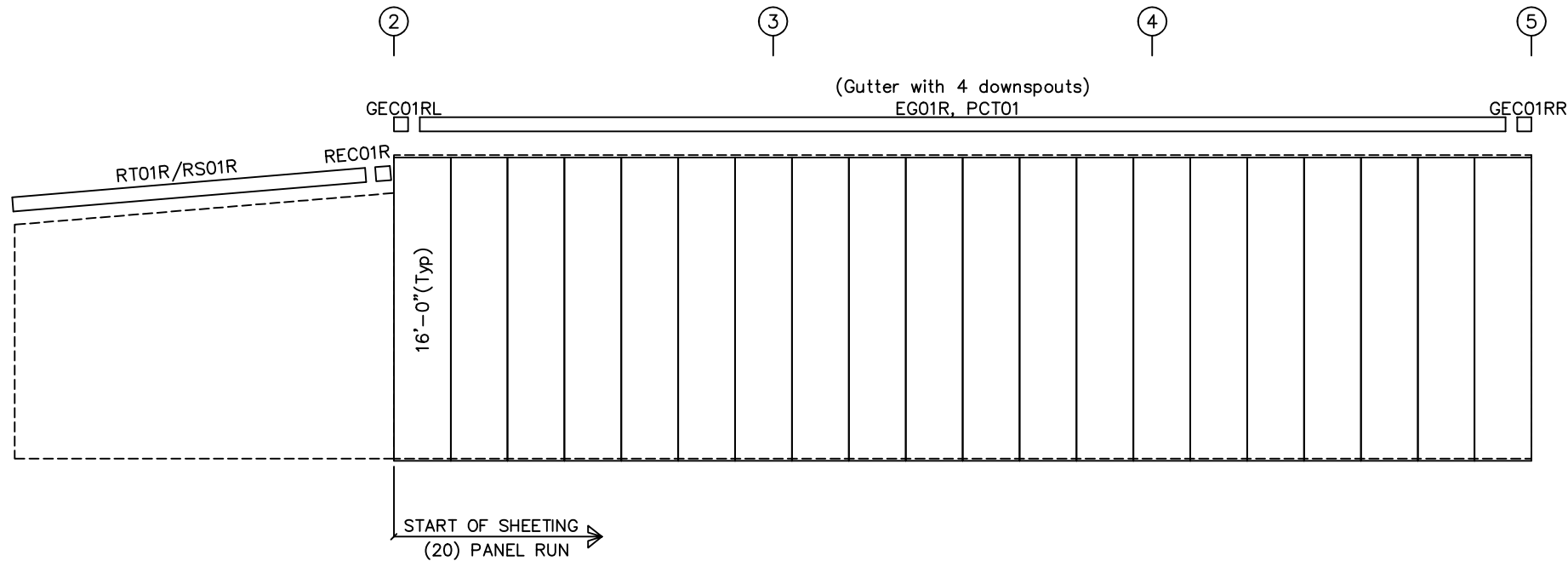
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NOTE: A325 high strength bolt shall be tightened with one washer. Refer to general notes 1.5 and 1.6 on cover sheet for tightening methods and installation inspections.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.						DESCRIPTION ENDWALL FRAMING, SHEETING & TRIMS				
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064					CUSTOMER Double "H" Construction				
						END USER Charles Dombeck					END USE Shop BUILDING A				
						STREET 7230 Shady Grove Rd.					CITY ST ZIP Keller, TX 76248				
						82362 173445 N.T.S. E006 A									



SIDEWALL FRAMING: FRAME LINE A
NOTE: WITH 4" THK. VRR WALL INSULATION (BY OTHERS)



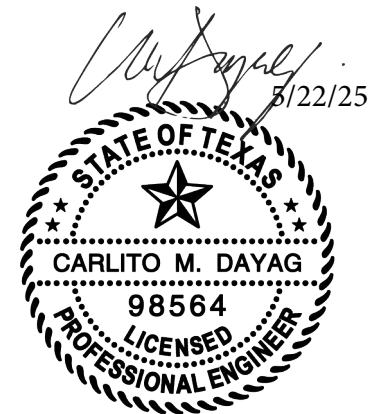
SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. PBR – S2000 Standard

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
Strut	4	A307	1/2"	1 1/4"

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

MEMBER TABLE	
FRAME LINE A	
MARK	PART
EB-2	W10x12
EB-4	W08542
E-1	L8x5x3ES16
E-2	L8x5x3ES16
G-26	8x25Z16
G-27	8x25Z16
ST-1	8x50D14
CB-1	CB0500
CB-2	CB0375

**FOR
PERMIT**



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	DESCRIPTION			
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	SIDEWALL FRAMING, SHEETING & TRIMS			
						CUSTOMER Double "H" Construction			
						END USER Charles Dombeck			
						END USE Shop		BUILDING	A
						STREET 7230 Shady Grove Rd.			
						CITY ST ZIP Keller, TX 76248			
						PLAN NO. 82362	REV. NO. 173445	DESIGNER N.T.S.	ENGINEER E007
									A

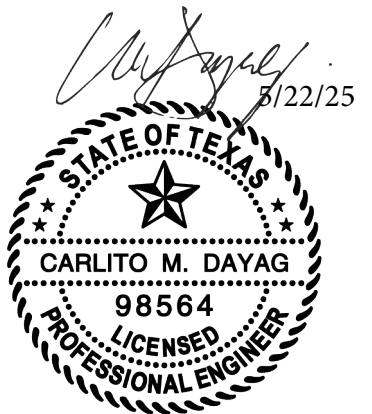


SPECIAL BOLTS					
Ø ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A307	1/2"	1 1/4"	0

MEMBER TABLE	
FRAME LINE H	
MARK	PART
EB-1	W08542
EB-2	W10x12
DJ-3	8x25C16
E-1	L8x5x3ES16
E-2	L8x5x3ES16
G-28	8x25Z16
G-29	8x25C16
G-30	8x25Z16
ST-1	8x50D14
CB-1	CB0500
CB-2	CB0375



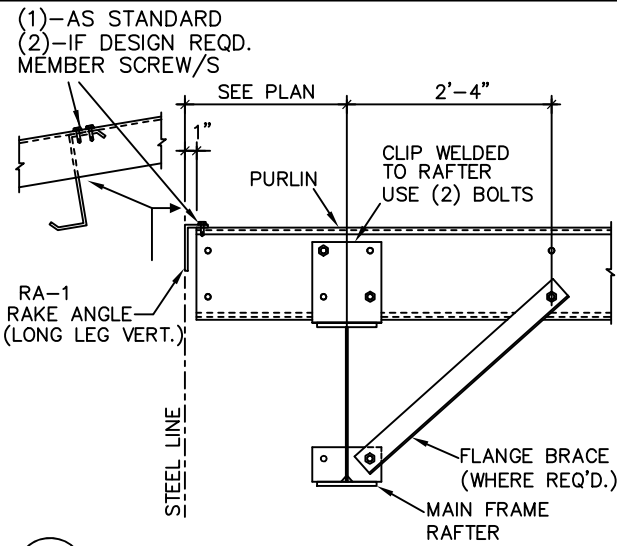
NOTE: WITH 4" THK. VRR WALL INSULATION (BY OTHERS)



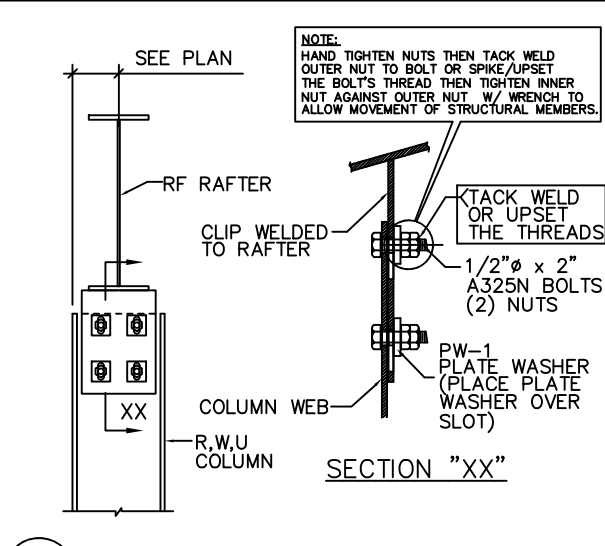
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PANELS: 26 Ga. PBR – S2000 Standard

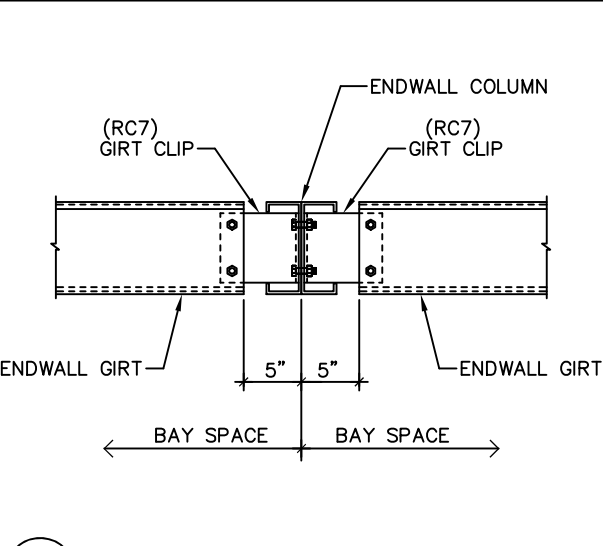
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	RFP FIELD:								
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	SIDEWALL FRAMING, SHEETING & TRIMS						
					CUSTOMER		Double "H" Construction							
					END USER		Charles Dombeck							
					END USE		Shop	BUILDING			A			
					STREET		7230 Shady Grove Rd.							
					CITY ST ZIP		Keller, TX	76248						
						SALES TAX	82362	JOB NO.	173445	N.T.S.	PANEL NO.	E008	REV.	A



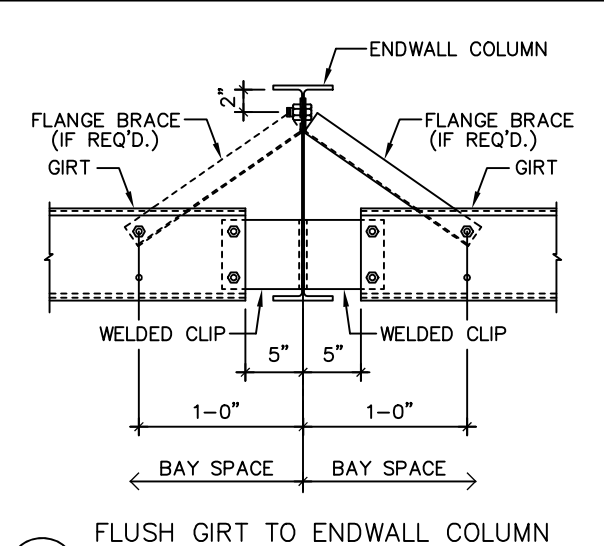
A10 MAIN FRAME ENDWALL
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



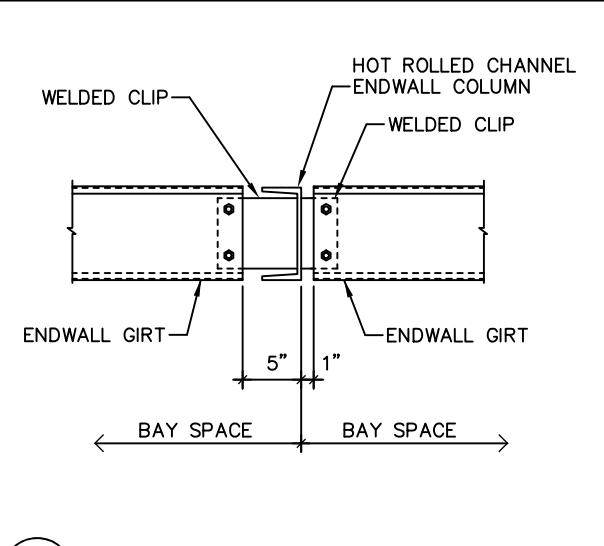
B19 ENDWALL COLUMN TO RF RAFTER
ALL BOLTS ARE 1/2"Ø x 1 1/2" A325 U.N.



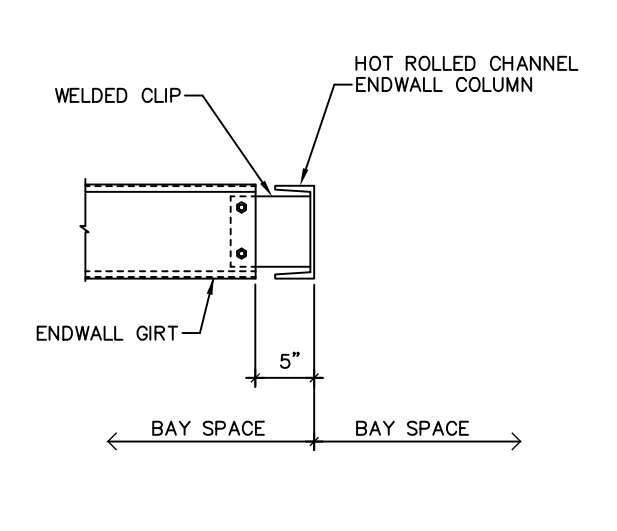
C2 ENDWALL COLUMN TO WALL GIRT
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



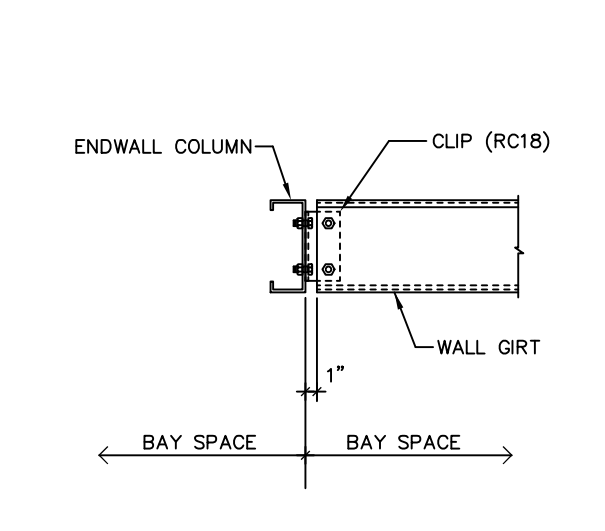
C3 FLUSH GIRT TO ENDWALL COLUMN WITH BOLTED CLIP
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



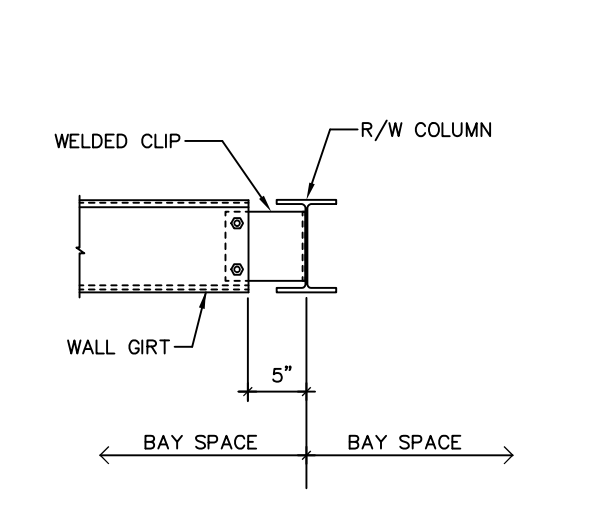
C21 GIRT TO ENDWALL COLUMN
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



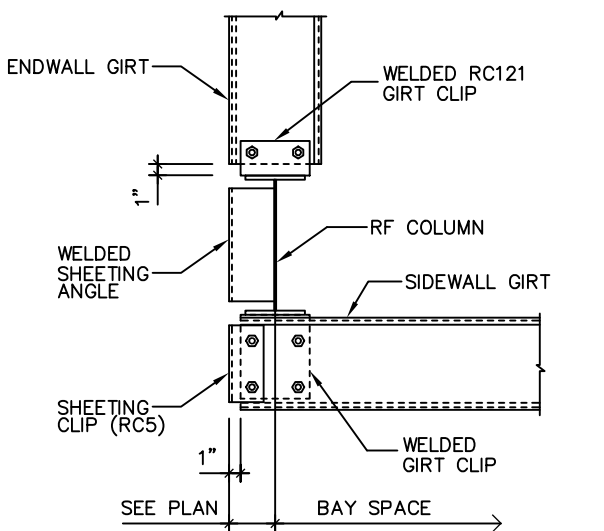
C24 GIRT TO ENDWALL COLUMN
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



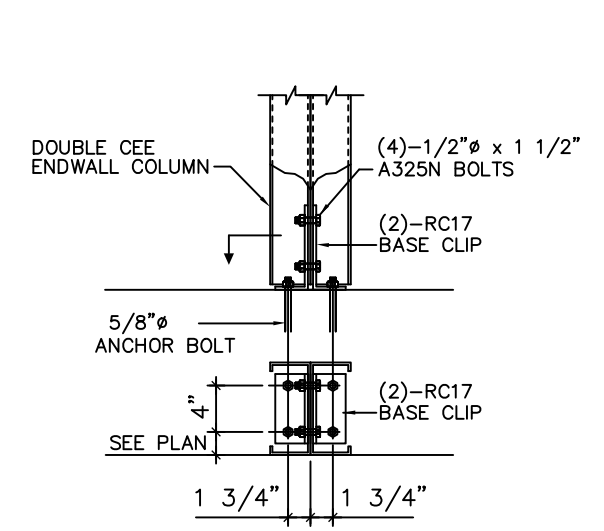
C34 ENDWALL COLUMN TO WALL GIRT
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



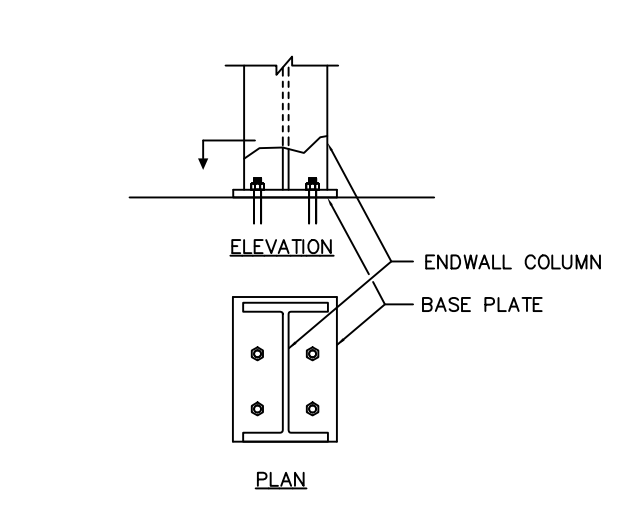
C46 GIRT/HEADER BEAM TO R/W COLUMN
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



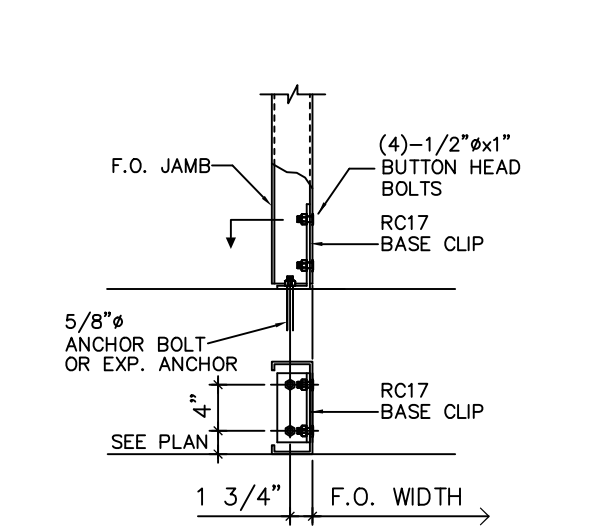
D15 RF CORNER COLUMN TO WALL GIRT
ALL BOLTS ARE 1/2"Ø x 1" A307 U.N.



E2 ENDWALL COLUMN BASE DETAIL
ALL BOLTS AS NOTED

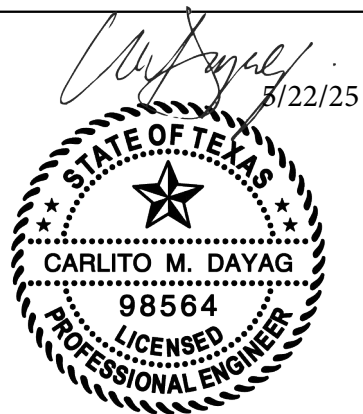


E3 BASE PLATE FOR ENDWALL COLUMN
SEE ANCHOR BOLT PLAN & DETAILS



E6 "FO" JAMB BASE DETAIL WITH BOLTED BASE CLIP

FOR PERMIT

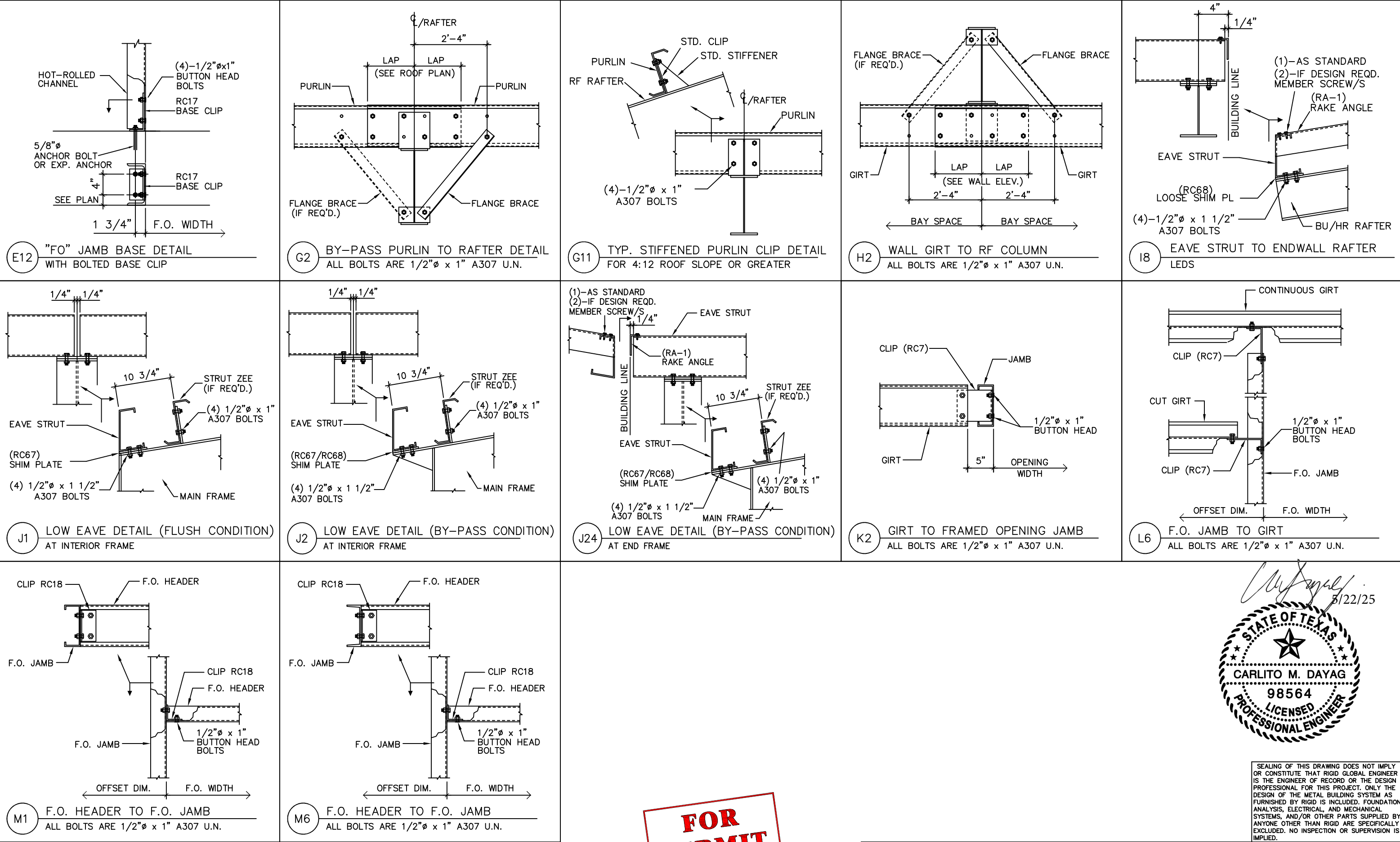


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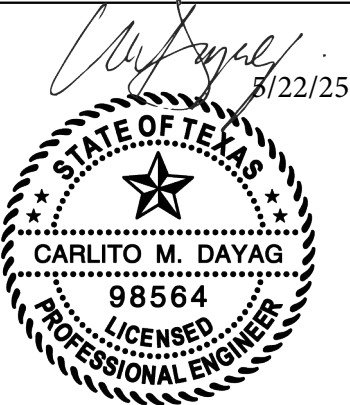
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC

DESCRIPTION	DETAIL DRAWINGS
CUSTOMER	Double "H" Construction
END USER	Charles Dombeck
END USE	Shop BUILDING A
STREET	7230 Shady Grove Rd.
CITY ST ZIP	Keller, TX 76248
82362	173445 N.T.S. E009 A

RIGID
GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9085
Fax : (281) 443-9064



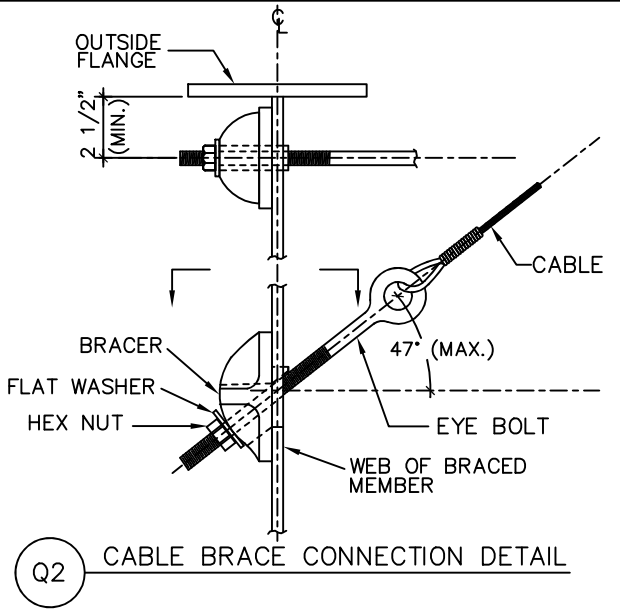
FOR
PERMIT



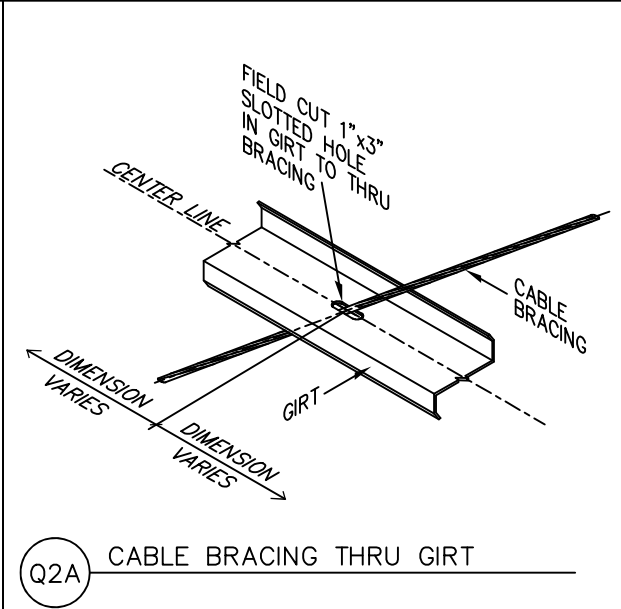
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	DESCRIPTION	DETAIL DRAWINGS
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	CUSTOMER	Double "H" Construction
						END USER	Charles Dombeck
						END USE	Shop BUILDING A
						STREET	7230 Shady Grove Rd.
						CITY ST ZIP	Keller, TX 76248
						82362	173445 N.T.S. E010 A

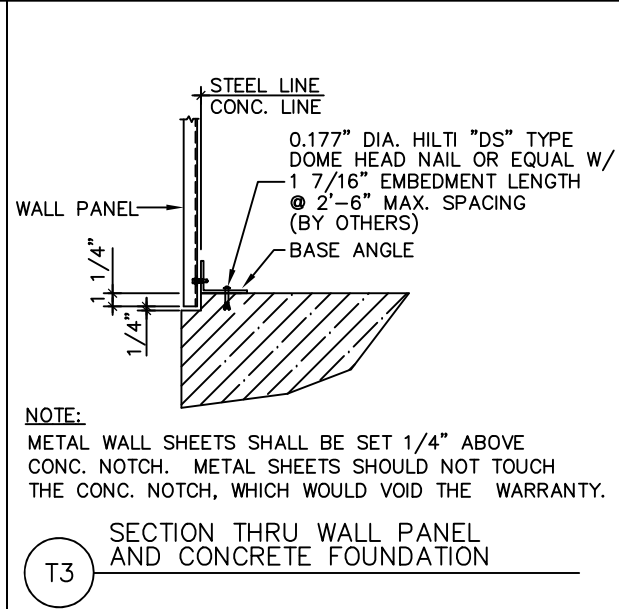




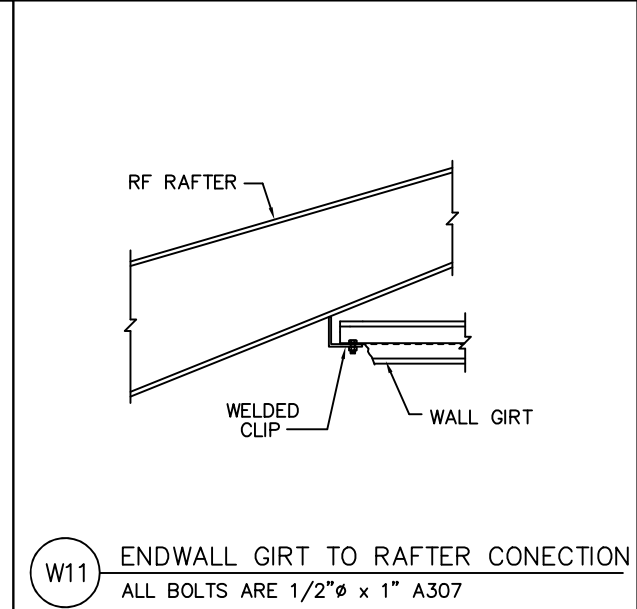
Q2 CABLE BRACE CONNECTION DETAIL



Q2A CABLE BRACING THRU GIRT

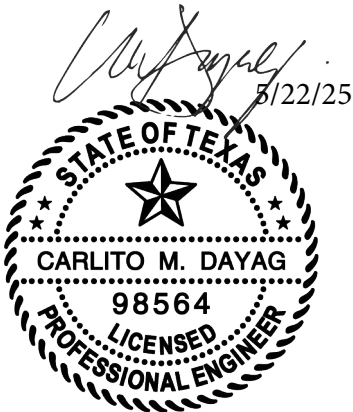


T3 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION



W11 ENDWALL GIRT TO RAFTER CONECTION
ALL BOLTS ARE 1/2"Ø x 1" A307

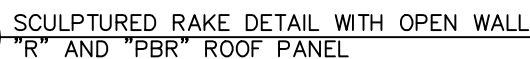
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Alaine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	DETAIL DRAWINGS				
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction				
							END USER	Charles Dombeck				
							END USE	Shop	BUILDING	A		
							STREET	7230 Shady Grove Rd.				
							CITY ST ZIP	Keller, TX 76248				
							82362	173445	N.T.S.	E011	A	

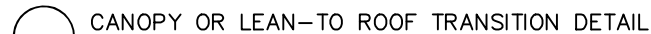
RIGID
GLOBAL BUILDINGS
18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9085
Fax : (281) 443-9064



MEMBER SCREW LOCATION
FOR ALL MEMBERS UNLESS NOTED OTHERWISE
"PBR" BACK PANEL SCREW LAYOUT



"PBR" WALL PANEL SCREW LAYOUT



FOR PERMIT



SCULPTURED GUTTER & RAKE TRIM JOINT DETAIL

WITH "R" AND "PBR" ROOF PANEL

Carlito M. Dayag
5/22/25

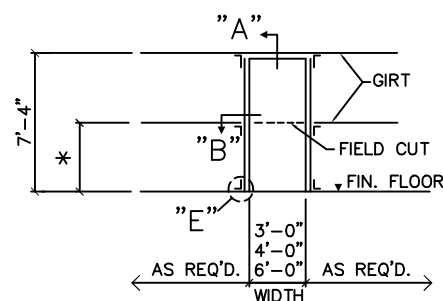
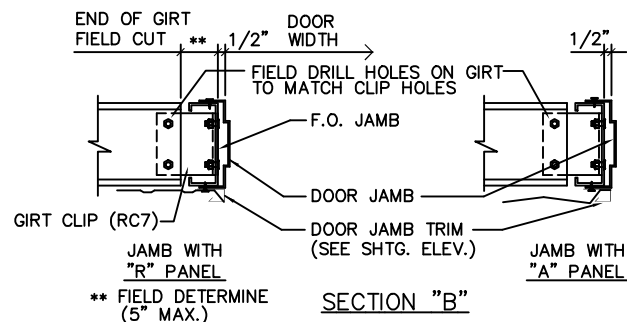
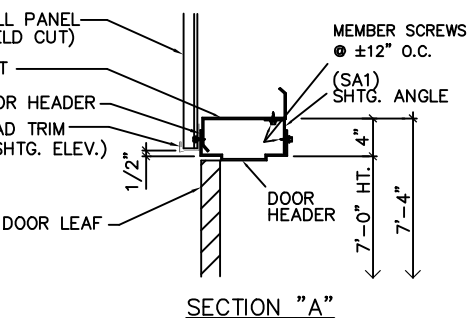


The seal is circular with a decorative border. The outer ring contains the text "STATE OF TEXAS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The center of the seal features a five-pointed star. Below the star, the name "CARLITO M. DAYAG" is printed, followed by the license number "98564". A horizontal dotted line separates the name from the license number. The expiration date "5/22/25" is handwritten in the top right corner, and a signature is written across the top of the seal.

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	 18933 Alaine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	PANEL PROFILE, TRIMS & ACCESSORIES			
A	APPROVAL /PERMIT	05/22/25	MHR	EPJ	AVC		CUSTOMER	Double "H" Construction			
							END USER	Charles Dombeck			
							END USE	Shop	BUILDING	A	
							STREET	7230 Shady Grove Rd.			
							CITY ST ZIP	Keller, TX 76248			
							SIZE NO. 82362	SIZE NO. 173445	SIZE NO. N.T.S.	SCALE NO. E012	SCALE NO. A

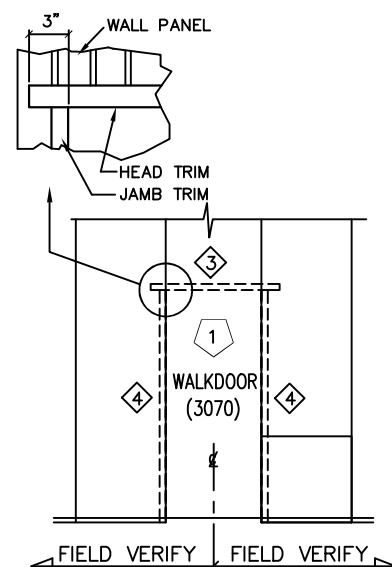
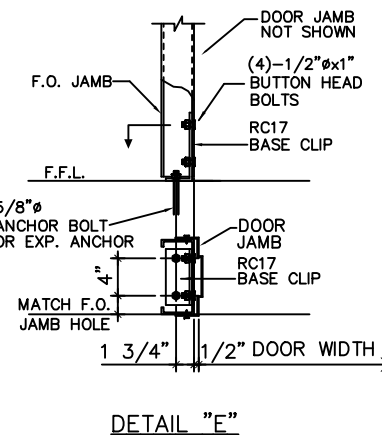
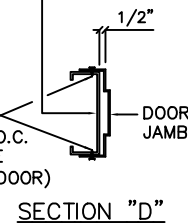
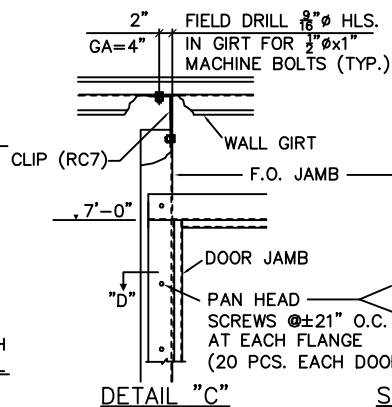
1. FOR 3070, 4070, 6070 WALK DOORS ONLY
2. ALL DOORS ARE FIELD LOCATED UNLESS SHOWN IN A.D.
3. * DIMENSION VARIES. SEE WALL ELEVATION IF REQUIRED



— TYPICAL WALK DOOR DETAIL WITH FRAMED OPENING

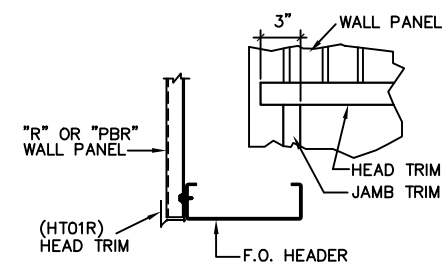
1. Place head section and jams on flat surface (floor) with door side up. Install bolts and nuts connecting head to jamb. Be sure that head is tight to jams so that the proper door opening is obtained.
2. Install door leaf in frame, check for 1/8" clearance at head and 3/32" clearance at striker jamb.
3. Tilt up the entire assembly. Plumb hinge jamb and assembly and then fasten to framed opening jamb.
4. Anchor head and striker jamb to framed opening members. Install optional threshold anchor if desired.
5. Install lockset. Install (optional) weatherstrip, head member first. Adjust so that vinyl just contacts door when in the closed position. Do not force vinyl against door as this will interfere with the latching and will not improve the weather seal.
6. Refer also to Door Manufacturer Installation Manual for more details.

NOTE:
Walkdoor jambs are to be supplied with no welded base clips.

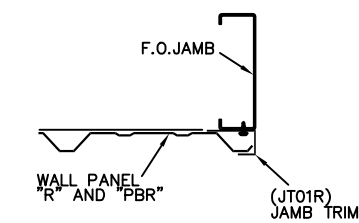


WALKDOOR TRIM DETAILS
(2) 3070M Piece

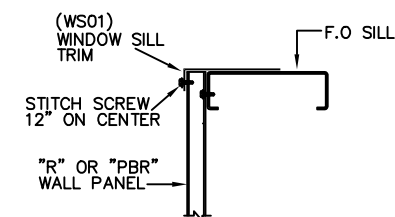
TRIM TABLE FOR 3070M		
◇ID	MARK	LENGTH
3	HT01R	3'-6"
4	JT01R	7'-3"



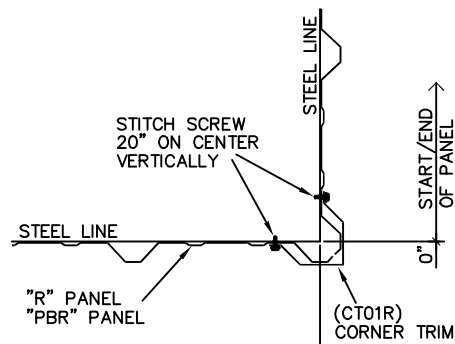
1 F.O. HEADER TRIM DETAIL
ST76



5 F.O. JAMB TRIM DETAIL
ST78



5 F.O. SILL TRIM DETAIL
ST76 FOR GLASS



OUTSIDE CORNER DETAIL
ON MODULE

FOR PERMIT

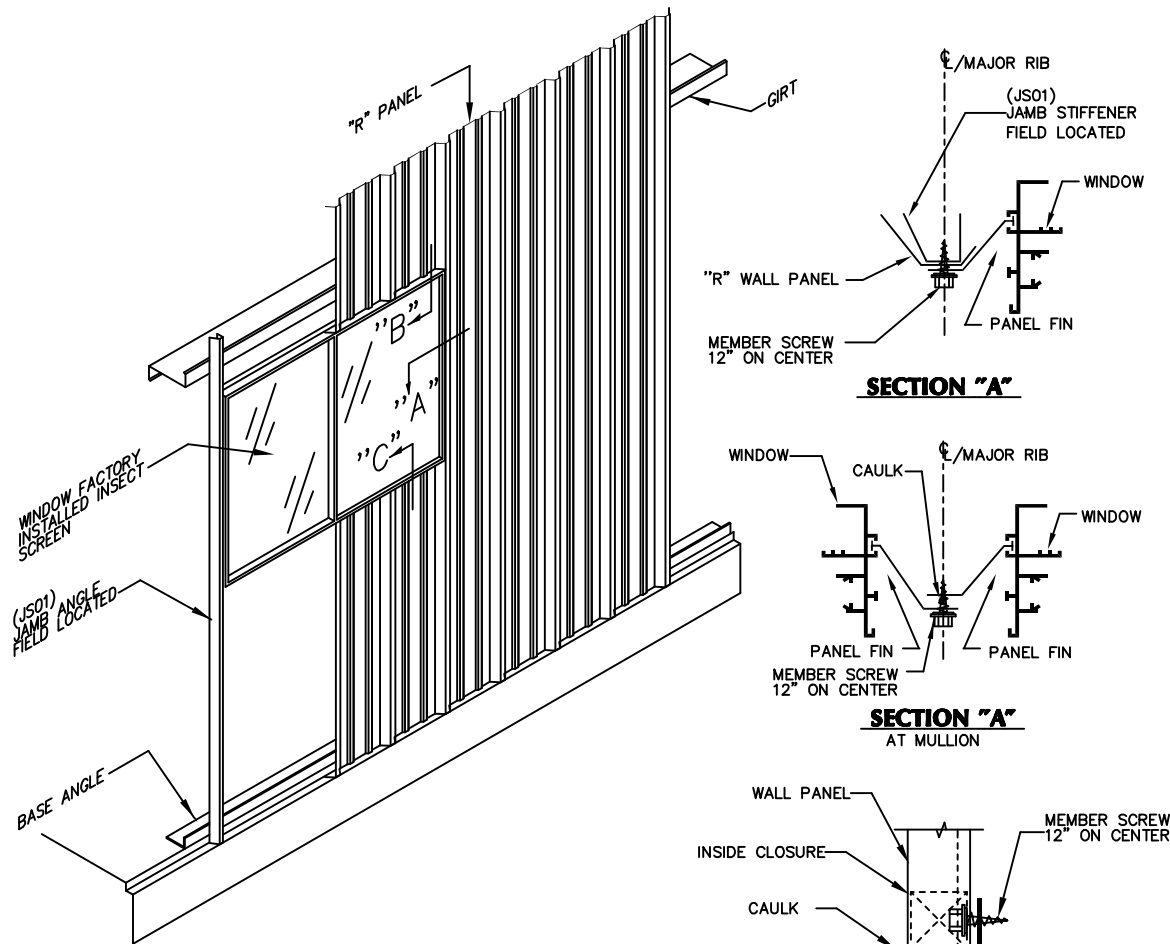
5/22/25



The seal is circular with a decorative border. At the top, it reads "STATE OF TEXAS" with a five-pointed star in the center. Below the star, a horizontal line separates the name "CARLITO M. DAYAG" from the license number "98564". Another horizontal line separates the license number from the words "LICENSED" and "PROFESSIONAL ENGINEER" at the bottom.

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	(IMPLIED.)											
A	APPROVAL /PERMIT	05/16/25	MHR	--	AVC	 18933 Aldine Westfield Houston, Tx. 77073 Phone : (281) 443-9065 Fax : (281) 443-9064	DESCRIPTION	PANEL PROFILE, TRIMS & ACCESSORIES									
							CUSTOMER	Double "H" Construction									
							END USER	Charles Dombeck									
							END USE	Shop								BUILDING	A
							STREET	7230 Shady Grove Rd.									
							CITY ST ZIP	Keller, TX 76248									
							SACS NO:	82362	DOB NO:	173445	MOUL NO:	N.T.S.	DRAW NO:	E013	SCALE:	A	



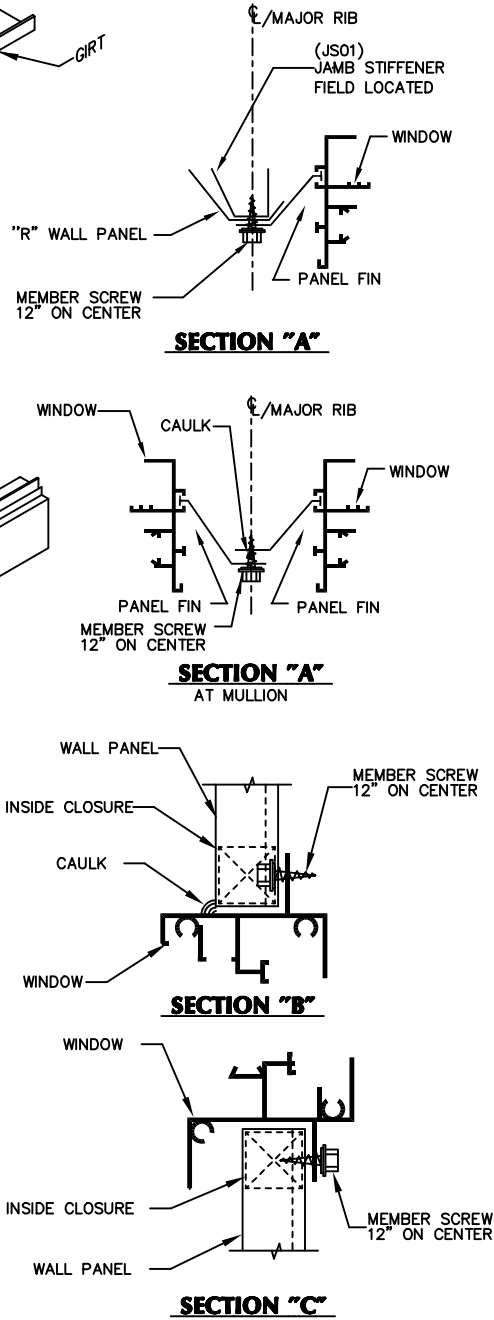
GENERAL NOTES

1. ALUMINUM HORIZONTAL SLIDING WINDOWS ARE SELF-FLASHING UNITS W/PRE-GLAZED DSB CLEAR OR 1/8" OBSCURE (3030-ONLY) OR STORM SASH WITH CLEAR GLASS AND MUST BE SPECIFIED ON PURCHASE ORDER.
2. WINDOWS ARE FURNISHED FOR FIELD LOCATION WITH JAMBS LOCATED AT MAJOR RIBS. PANELS ABOVE AND BELOW WINDOW MUST BE FIELD CUT AND MAY BE CUT FROM A FULL LENGTH PANEL.
3. BUILDINGS WITH A GIRT AT 3'-9 ELEV. THE JAMB ANGLES WILL BE OMITTED.
4. 6030 WINDOWS ARE AVAILABLE WITH OBSCURE GLASS AS AN OPTIONAL EXTRA AND MUST BE SPECIFIED ON PURCHASE ORDER.

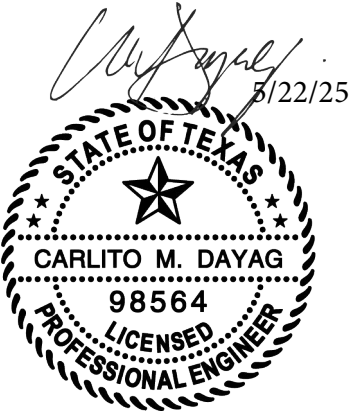
ERECTION PROCEDURE

1. FIELD LOCATE JAMB ANGLES 3'-2 1/2 FROM HEEL TO HEEL OF ANGLES. JAMB ANGLES MUST BE LOCATED SO AS TO OCCUR AT MAJOR RIBS.
2. LOCATE WINDOW AND ATTACH TEMPORARILY WITH POP RIVETS. POP RIVETS ARE NOT INTENDED FOR ANY PURPOSE AFTER INSTALLATION OF WALL PANELS IS COMPLETE.
3. USING STANDARD PROCEDURE, ERECT WALL PANELS UP TO WINDOW LOCATION. CUT A 3'-0 SECTION FROM A FULL LENGTH PANEL AND INSTALL SHORT PANELS ABOVE AND BELOW WINDOW. BE SURE THAT FILLER STRIPS ARE POSITIONED BEFORE ATTACHING PANELS. CONTINUE WITH STANDARD WALL PANEL ERECTION PROCEDURE.
4. CAULK CONTINUOUS ALONG WINDOW HEADER TO INSURE A WEATHER TIGHT INSTALLATION.

SELF-FLASHING WINDOW WITH "R" PANEL



FOR
PERMIT



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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.	DESCRIPTION	DETAIL DRAWINGS
A	APPROVAL/PERMIT	05/22/25	MHR	EPJ	AVC	CUSTOMER	Double "H" Construction
						END USER	Charles Dombeck
						END USE	Shop BUILDING A
						STREET	7230 Shady Grove Rd.
						CITY ST ZIP	Keller, TX 76248
						82362	173445 N.T.S. E014 A

