

DESCRIPTION COVER PAGE				SIZE REFER TO C1			
OWNER OR PROJECT Boyer Garage				CUSTOMER CONRAD DEVELOPMENT AND CONSTRUCTION			
JOB SITE LOCATION 725 SW 15TH CIRCLE				ADDRESS 5045 NE DUNCAN RD			
LEES SUMMIT, MO 64081				BLUE SPRINGS, MO 64014			
CAD BY	ENR'D BY	DATE	SCALE	JOB NO.	PI	BUILDING PERM.	SHEET NO.
127	EMR	4/22/01	N.T.S.	171625			C1 of 2
							ISSUE 1

DSN. APR 1 2022

STATE OF MISSOURI

JEFFERY BRENT HICKS

NUMBER PE-2013038972

PROFESSIONAL ENGINEER

05/24/2022

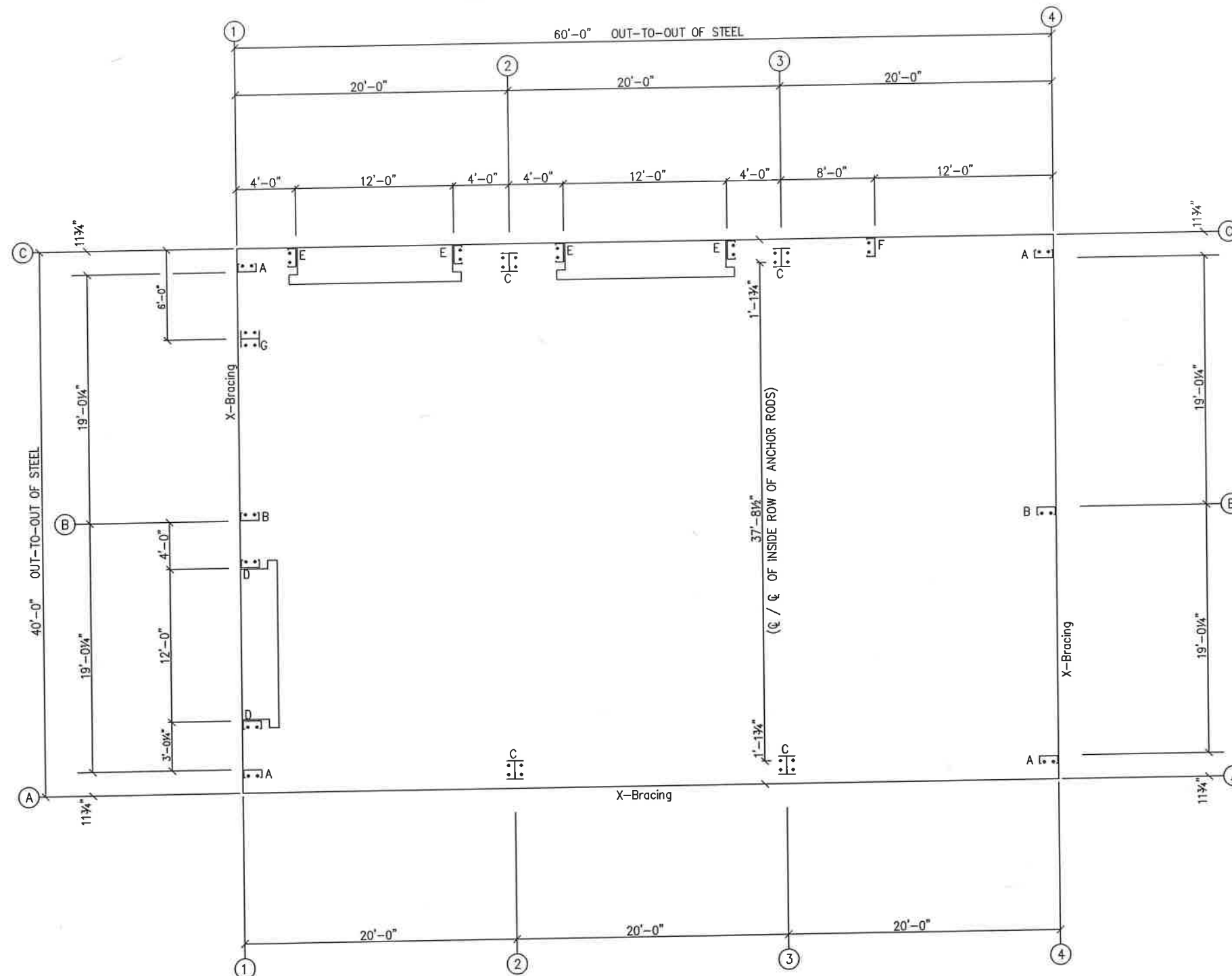
SECTION "A"
BASE SECTION

SECTION "B"
OVERHEAD DOOR BASE SECTION

SECTION "C"
F.O. JAMB BASE SECTION

WALKDOOR BASE PLATE DETAIL

Get Width	Walk Door Frame	Dim.	Ramp Width
8"	8"	2 1/2"	11 1/2"
10"	10"	3 1/2"	1'-1 1/2"
12"	12"	4 1/2"	1'-3 1/2"



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

DETAIL F

DETAIL A

DETAIL G

DETAIL C

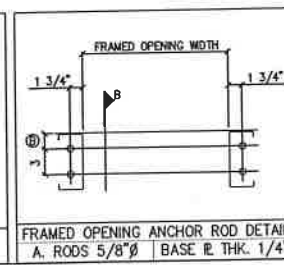
DETAIL E

ANCHOR RODS HAVE BEEN DESIGNED FOR SHEAR AND TENSION LOADS ONLY, PER APPENDIX D OF ACI 318-08.

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

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

ANCHOR RODS (BY OTHERS)



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 PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

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☒ FOR CONSTRUCTION: FINAL DRAWINGS.

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ

SBS SCHULTE BUILDING SYSTEMS

17600 Battie Road - Hockley, Texas 77447
PHONE: 281.304.6111 877.257.2534
FAX: 281.304.6113
www.SchulteBuildingSystems.com

DESCRIPTION	SIZE	REFER TO
ANCHOR ROD PLAN	REFER TO C1	

CUSTOMER	CONRAD DEVELOPMENT AND CONSTRUCTION
725 SW 15TH CIRCLE	505 NE DUNCAN RD
LEES SUMMIT, MO 64081	BLUE SPRINGS, MO 64014

CD BY	ENGR BY	DATE	SCALE	JOB NO.	SHEET NO.	TOTAL SHEETS
JZ	JL	4/22/21	N.T.S.	171625	1	1

DSN. APR

STATE OF MISSOURI

JEFFERY BRENT HICKS

NUMBER

PE-2013038972

PROFESSIONAL ENGINEER

05/24/2022

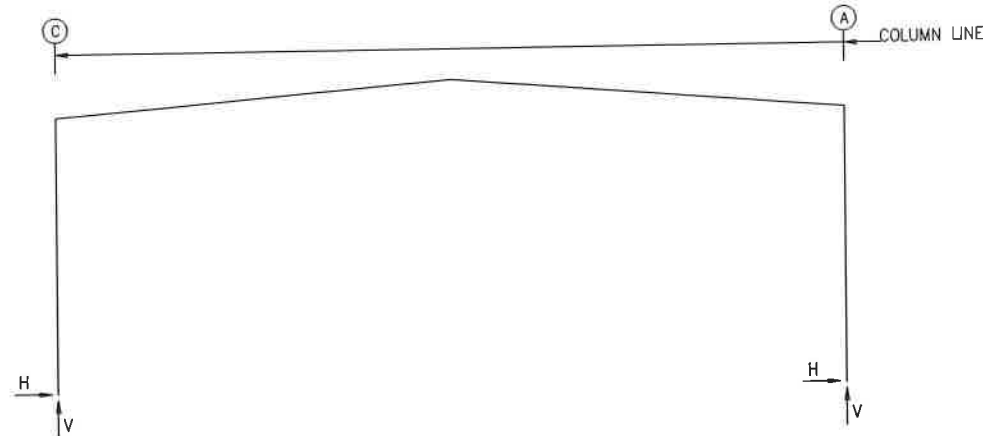
RELEASE FOR CONSTRUCTION

AS NOTED FOR PLAN REVIEW DEVELOPMENT SERVICES

LEE'S SUMMIT, MISSOURI

06/07/2022

FRAME LINES: 2 3



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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)	Base_Plate(in)			
		Load Id	Hmax	V	Load Id	Hmin	Vmin		Width	Length	Thick	Grout (in)
2*	C	5	3.6	9.7	1	-2.3	-1.8	4	0.750	6.000	12.00	0.500
					3	-1.3	-3.9					
2*	A	2	2.3	-1.8	5	-3.6	9.7	4	0.750	6.000	12.00	0.500
		5	-3.6	9.7	4	1.3	-5.6					
2* Frame lines: 2 3												

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	40.0
Length (ft)	=	60.0
Eave Height (ft)	=	14.0/ 14.0
Roof Slope (rise/12)	=	1.0/ 1.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	1.0
Roof Live Load(psf)	=	20.0
Frame Live Load(psf)	=	12.0
Snow Load (psf)	=	14.0
Wind Speed (mph)	=	115.0
Wind Code	=	IBC 2018
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	N/A
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa+Fs)	=	0.18

ID Description

1	0.6Dead+0.6Wind_Left2
2	0.6Dead+0.6Wind_Right2
3	0.6Dead+0.6Wind_Long1R
4	0.6Dead+0.6Wind_Long2L
5	Dead+Collateral+MIN_SNOW
6	0.6Dead+0.6Wind_Left1+0.6Wind_Suction
7	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
8	0.6Dead+0.6Wind_Right1+0.6Wind_Suction
9	0.6Dead+0.6Wind_Suction+0.6Wind_Long2L
10	0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

BUILDING BRACING REACTIONS

Wall Loc	Col Line	Reactions(k)				Panel_Shear (lb/ft)	
		Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Wind	Seis
L_EW	1	C,B	1.3	0.9	0.1	0.1	
F_SW	A	2,3	4.5	2.8	0.6	0.4	
R_EW	4	A,B	1.3	0.9	0.1	0.1	
B_SW	C	Torsional Bracing Used					

RIGID FRAME: BASIC COLUMN REACTIONS (k)

ROOF FRAME													
Frame Line	Column Line	-----Dead-----		--Collateral--		-----Live-----		-----Snow-----		--Wind_Left1--		-Wind_Right1-	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	C	0.4	1.3	0.2	0.4	1.8	4.8	2.1	5.6	-4.1	-7.2	0.7	-4.2
2*	A	-0.4	1.3	-0.2	0.4	-1.8	4.8	-2.1	5.6	-0.7	-4.2	4.1	-7.2
Frame Line	Column Line	--Wind_Left2--		-Wind_Right2-		--Wind_Long1-		--Wind_Long2-		-Seismic_Left		Seismic_Right	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	C	-4.2	-4.3	0.5	-1.3	-2.6	-7.9	1.7	-3.6	-0.1	-0.1	0.1	0.1
2*	A	-0.5	-1.3	4.2	-4.3	-1.7	-6.4	2.6	-10.7	-0.1	0.1	0.1	-0.1
Frame Line	Column Line	-Seismic_Long		-MIN_SNOW--		F1UNB_SL_L-		F1UNB_SL_R-					
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert				
2*	C	-0.3	-0.2	3.0	8.0	1.7	5.5	1.7	3.1				
2*	A	-0.3	-0.2	-3.0	8.0	-1.7	3.1	-1.7	5.5				
2*	Frame lines:		2	3									

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horiz	
1	C	0.3	0.1	1.6	1.1	-1.3	-2.8	0.0	0.0	-1.3	-2.2	0.0	0.7	-1.2	
1	B	0.8	0.2	4.9	3.4	0.0	-3.4	1.3	-5.4	0.0	-1.7	1.3	-3.7	-2.4	
1	A	0.3	0.1	1.6	1.1	0.0	-1.0	0.0	-1.9	0.0	-0.4	0.0	-1.2	-1.2	
Frm Line	Col Line	Wind Suct Horiz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		-MIN_SNOW--		E1UNB_SL_L-		
1	C	1.3	0.0	-1.9	-0.2	-1.1	-0.1	-0.1	0.0	0.1	0.0	1.6	0.0	1.4	
1	B	2.7	0.2	-4.3	0.0	-4.1	0.0	0.1	0.1	-0.1	0.0	4.9	0.0	2.8	
1	A	1.3	0.0	-1.0	0.0	-2.0	0.0	0.0	0.0	0.0	1.6	0.0	0.2		
Frm Line	Col Line	E1UNB_SL_R-													
1	C	Horz	Vert	0.0	0.2										
1	B	Horz	Vert	0.0	2.8										
1	A	Horz	Vert	0.0	1.4										
Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horiz	
4	A	0.3	0.1	1.6	1.1	-1.3	-2.8	0.0	0.0	-1.3	-2.2	0.0	0.7	-1.2	
4	B	0.8	0.2	4.9	3.4	0.0	-3.4	1.3	-5.4	0.0	-1.7	1.3	-3.7	-2.4	
4	C	0.3	0.1	1.6	1.1	0.0	-1.0	0.0	-1.9	0.0	-0.4	0.0	-1.2	-1.2	
Frm Line	Col Line	Wind Suct Horiz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		-MIN_SNOW--		E2UNB_SL_L-		
4	A	1.3	0.0	-1.9	-0.2	-1.1	-0.1	-0.1	0.0	0.1	0.0	1.6	0.0	1.4	
4	B	2.7	0.2	-4.3	0.0	-4.1	0.0	0.1	0.1	-0.1	0.0	4.9	0.0	2.8	
4	C	1.3	0.0	-1.0	0.0	-2.0	0.0	0.0	0.0	0.0	1.6	0.0	0.2		
Frm Line	Col Line	E2UNB_SL_R-													
4	A	Horz	Vert	0.0	0.2										
4	B	Horz	Vert	0.0	2.8										
4	C	Horz	Vert	0.0	1.4										

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)	Base_Plate(in)			
		Load Id	Hmax	V	Load Id	Hmin	Vmin		Width	Length	Thick	Grout (in)
1	C	6	0.8	-1.5	7	-0.7	-1.0	2	0.625	3.500	8.000	0.375
		5	0.0	2.0	6	0.8	-1.5					
1	B	8	1.6	-2.7	7	-1.5	-2.1	2	0.625	3.500	8.000	0.375
		5	0.0	6.0	8	1.6	-2.7					
1	A	9	0.8	-1.0	10	-0.7	-1.0	2	0.625	3.500	8.000	0.375
		5	0.0	2.0	9	0.8	-1.0					
4	A	6	0.8	-1.5	7	-0.7	-1.0	2	0.625	3.500	8.000	0.375
		5	0.0	2.0	6	0.8	-1.5					
4	B	8	1.6	-2.7	7	-1.5	-2.1	2	0.625	3.500	8.000	0.375
		5	0.0	6.0	8	1.6	-2.7					
4	C	9	0.8	-1.0	10	-0.7	-1.0	2	0.625	3.500	8.000	0.375
		5	0.0	2.0	9	0.8	-1.0					

DRAWING STATUS

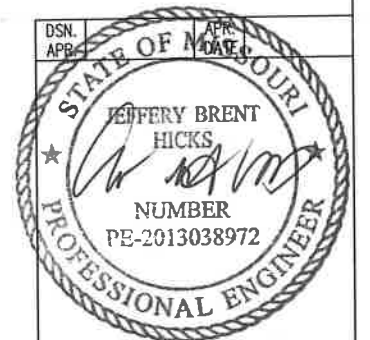
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<input checked="" type="checkbox"/> FOR CONSTRUCTION: FINAL DRAWINGS.	1	5/24/22	REVISED PERMIT FOR CONSTRUCTION	JZ	JZ

REVISIONS					
NO.	DATE	DESCRIPTION	BY	CHK'D	
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	
1	5/24/22	REVISED PERMIT FOR CONSTRUCTION	JZ	JZ	



SCHULTE BUILDING SYSTEMS
17600 Badtke Road - Hookley, Texas 77447
PHONE: 281.304.6111 877.257.2534
FAX: 281.304.8113
www.SchulteBuildingSystems.com

DESCRIPTION REACTIONS				SITE REFER TO C1			
OWNER OR PROJECT Bayer Garage				CUSTOMER CONRAD DEVELOPMENT AND CONSTRUCTION			
JOB SITE LOCATION 725 SW 15TH CIRCLE				ADDRESS 505 NE DUNCAN RD			
LEES SUMMIT, MO 64081				BLUE SPRINGS, MO 64014			
CAV BY 17	ENR'D BY JZ	DATE 4/22/21	SCALE N.T.S.	JOB NO. 171625	PI	PI	PI
RELEASE FOR CONST							



05/24/2022

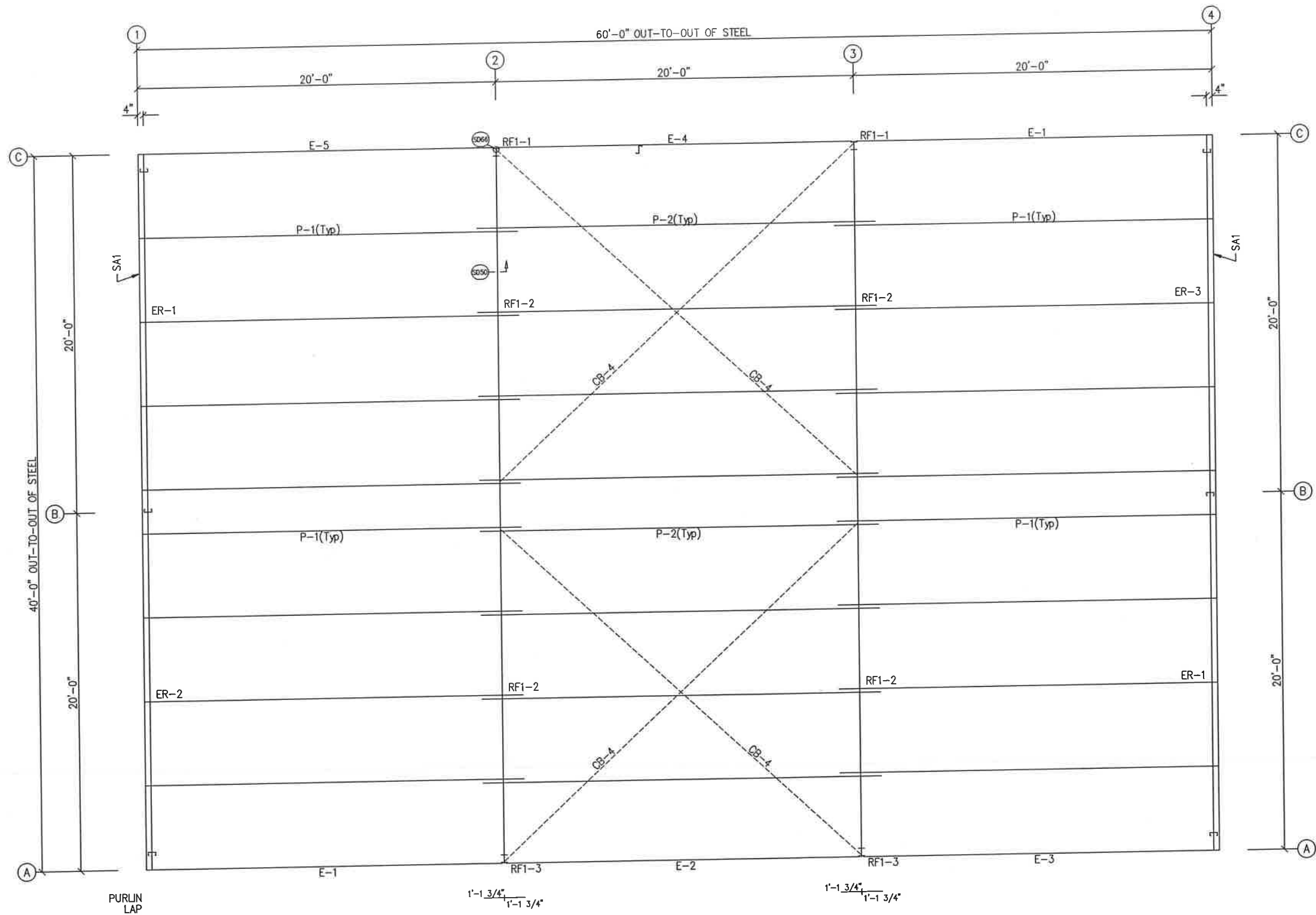
RELEASE FOR CONSTRUCTION

AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES

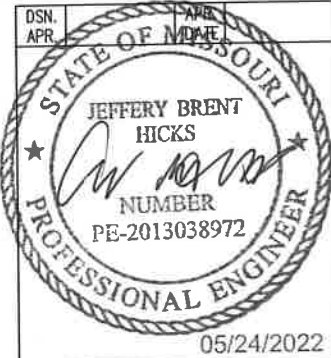
LEE'S SUMMIT, MISSOURI

06/07/2022

MEMBER TABLE	
ROOF PLAN	
MARK	PART
P-1	8X25Z16
P-2	8X25Z16
E-1	8E14
E-2	8E14
E-3	8E14
E-4	8E14
E-5	8E14
CB-4	CB0250



ROOF FRAMING PLAN



MISCELLANEOUS ACCESSORIES			FRAMED DOORS			FRAMED OPENINGS			VENTILATORS			
MC	NO.	DESCRIPTION	MC	NO.	DESCRIPTION	MC	NO.	SIZE	DESCRIPTION	MC	NO.	DESCRIPTION
	0	N/A		1	3070 HD H. DOOR/WHITE/LEADER LOCK		3	12'-0" X 12'-0"	OUL. DOOR		0	N/A
							3	4'-0" X 3'-0"	WINDOW			

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

SCHULTE BUILDING SYSTEMS					
17600 Badtke Road - Hockley, Texas 77447			CUSTOMER: CONRAD DEVELOPMENT AND CONSTRUCTION		
PHONE: 281.304.6111 877.257.2534			ADDRESS: 505 NE DUNCAN RD		
FAX: 281.304.6113			BLUE SPRINGS, MO 64014		
www.SchulteBuildingSystems.com			JOB NO. 171625		
DESCRIPTION: ROOF FRAMING			REFER TO: C1		
OWNER OR PROJECT: Boyer Garage			SHEET NO. 0		
JOB SITE LOCATION: 725 SW 15TH CIRCLE			DATE: 4/22/21		
CAD BY: JZ			SCALE: N.T.S.		
ENGR BY: JL			ISSUE: 0		

RELEASE FOR CONSTRUCTION

AS NOTED FOR PLAN REVIEW

DEVELOPMENT SERVICES

LEE'S SUMMIT, MISSOURI

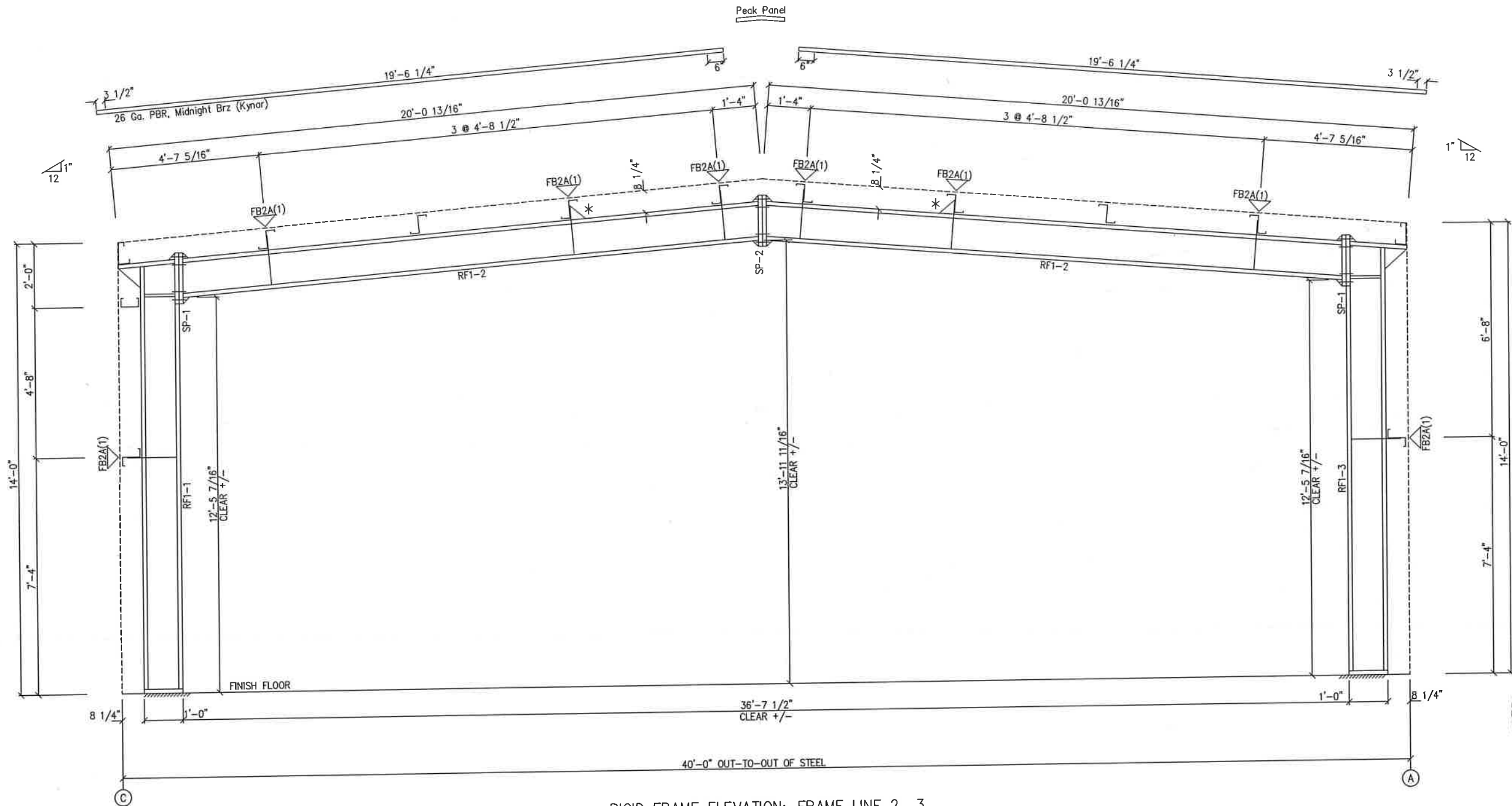
06/07/2022

SPlice PLATE & BOLT TABLE									
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	5/8"	2"	6"	3/8"	1'-6 1/4"
SP-2	4	4	0	A325	5/8"	1 3/4"	6"	3/8"	1'-6 1/4"

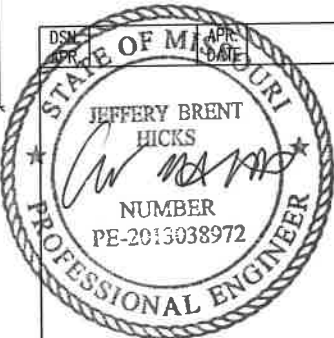
FLANGE BRACES: FBxx (1 or 2)
xx=length(in)
(1) One Side; (2) Two Sides
A - 2X2X14Ga

*ANT-ROLL CLIP
((SD115))

MEMBER SIZE TABLE	
MARK	MEMBER
RF1-1	W12X16
RF1-2	W12X16
RF1-3	W12X16



RIGID FRAME ELEVATION: FRAME LINE 2 3



05/24/2022

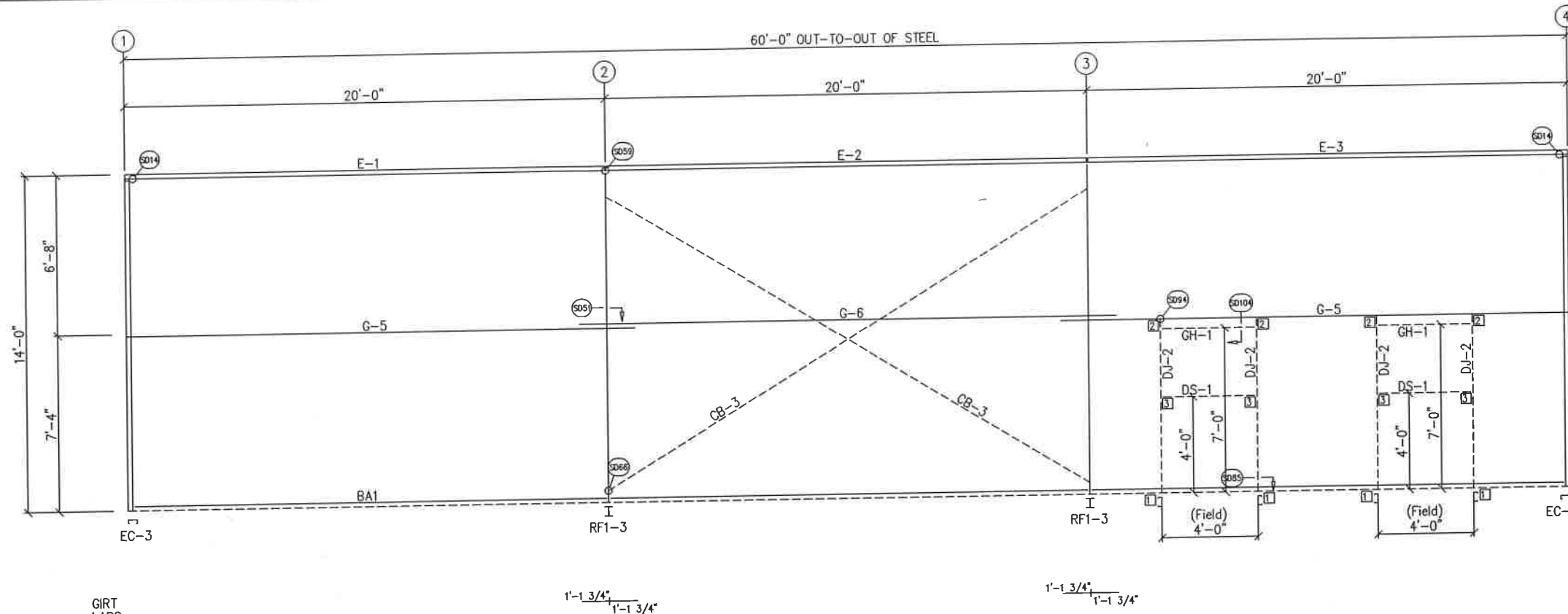
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<input type="checkbox"/> FINAL DRAWINGS					

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DESCRIPTION	CROSS SECTION	SIZE	REFER TO C1
OWNER OR PROJECT	Boyer Garage	CUSTOMER	CONRAD DEVELOPMENT AND CONSTRUCTION
LOCATION	725 SW 15TH CIRCLE	ADDRESS	505 NE DUNCAN RD
DATE	LEES SUMMIT, MO 64081	BLUE SPRINGS, MO 64014	
CAI BY	JL	SCALE	N.T.S.
ENR'D BY	JL	DATE	4/22/21
NO.	171625	SCALE	N.T.S.

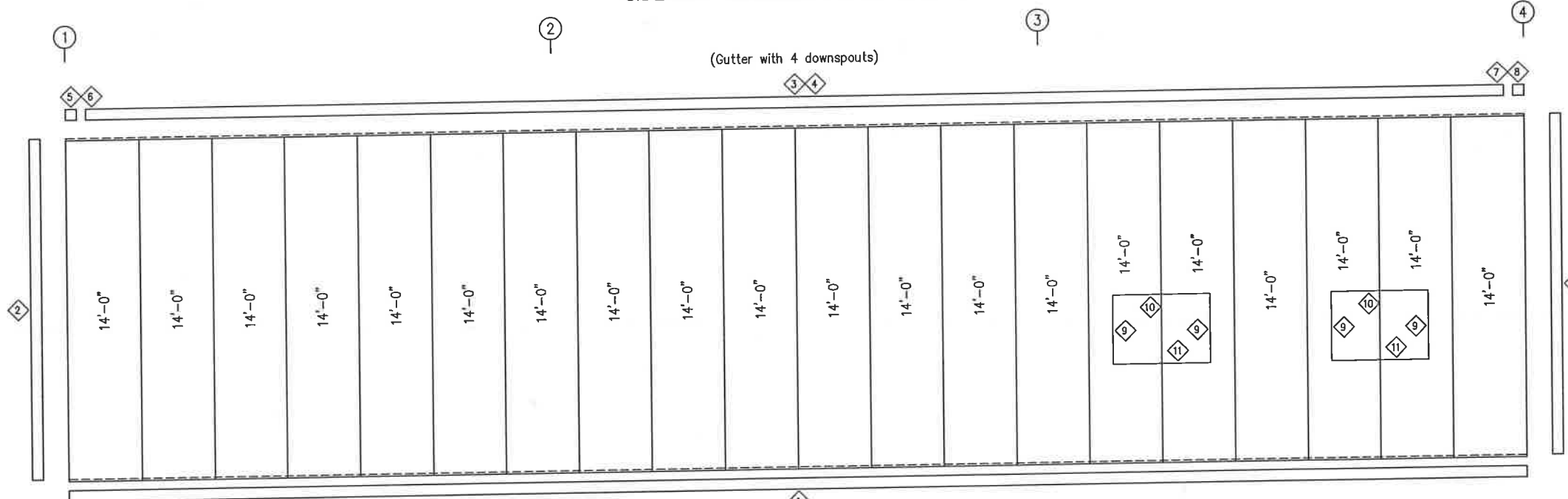
GENERAL NOTES:
SEE ROOF FRAMING PLAN AND SIDEWALL ELEVATIONS FOR MAIN FRAME PIECE MARKS.

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

06/07/2022



SIDEWALL FRAMING: FRAME LINE A



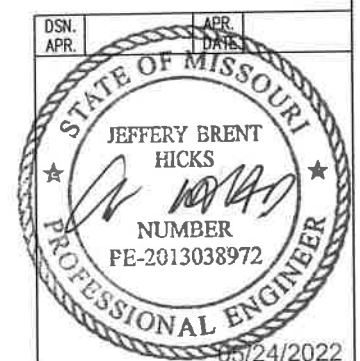
SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Ash Gray

TRIM TABLE				
ID	QUAN	PART	LENGTH	DETAIL
1	3	FL-59	20'-2"	SD74
2	1	FL-110	14'-0"	TD040
3	2	FL-32	20'-2"	TD15
4	3	FL-31	20'-2"	
5	1	FL-32L	11'-2"	TD085
6	1	FL-33L	8"	TD095
7	1	FL-32R	11'-2"	
8	1	FL-33R	8"	TD051
9	1	FL-48	3'-3"	TD052
10	1	FL-52	4'-4"	
11	1	FL-53	4'-4"	

MEMBER TABLE	
MARK	PART
DJ-2	8X35C16
CH-1	17 1/8"X14
DS-1	8X25C16
E-1	8E14
E-2	8E14
E-3	8E14
G-5	8X25Z16
G-6	8X25Z16
CB-3	CB0250

CONNECTION PLATES	
ID	MARK/PART
1	CL-104
2	CL-103
3	CL-100

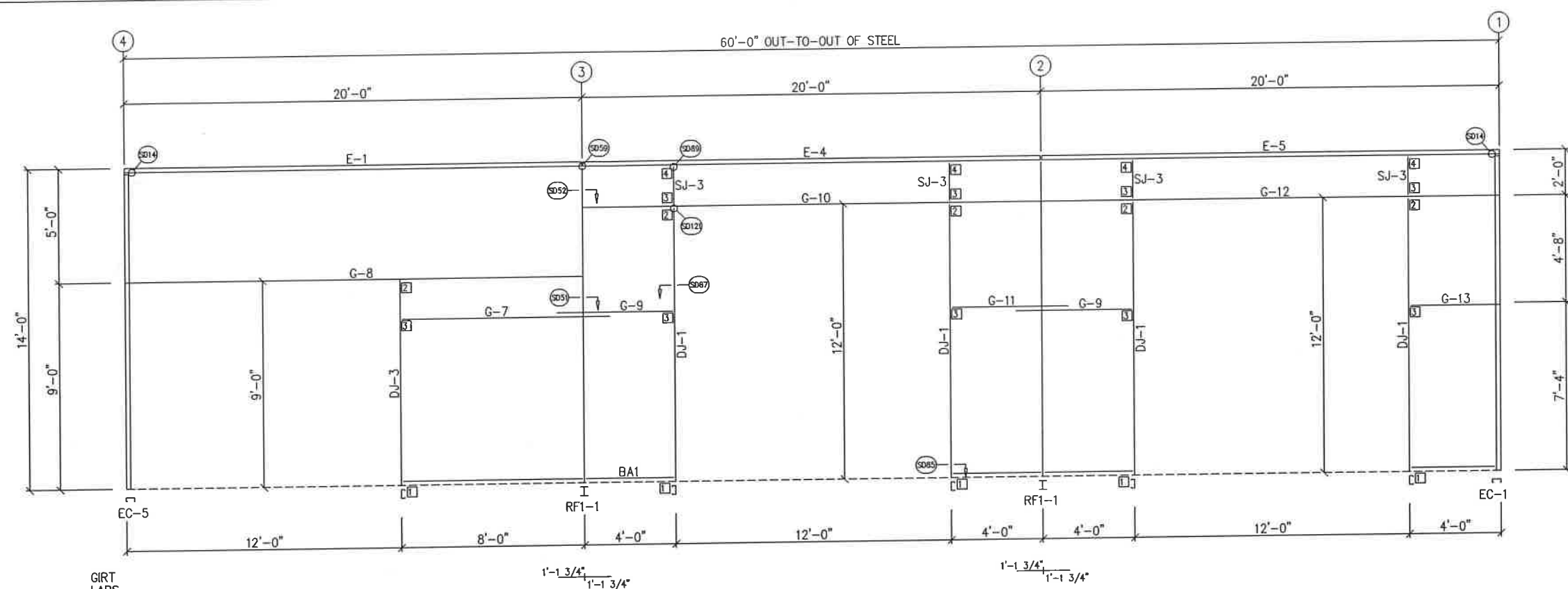


GENERAL NOTES:
 TRIM IS FIGURED WITH 2" TRIM LAP UNLESS NOTED ON A DETAIL.
 FIELD CUT PANELS AT FRAMED OPENINGS, WALKDOORS, AND WINDOWS.
 FORMED BASE TRIM (IF USED) TO BE FIELD MITERED AT CORNERS.
 FIELD SLOT GIRTS AS REQUIRED FOR CABLE BRACE CLEARANCE.

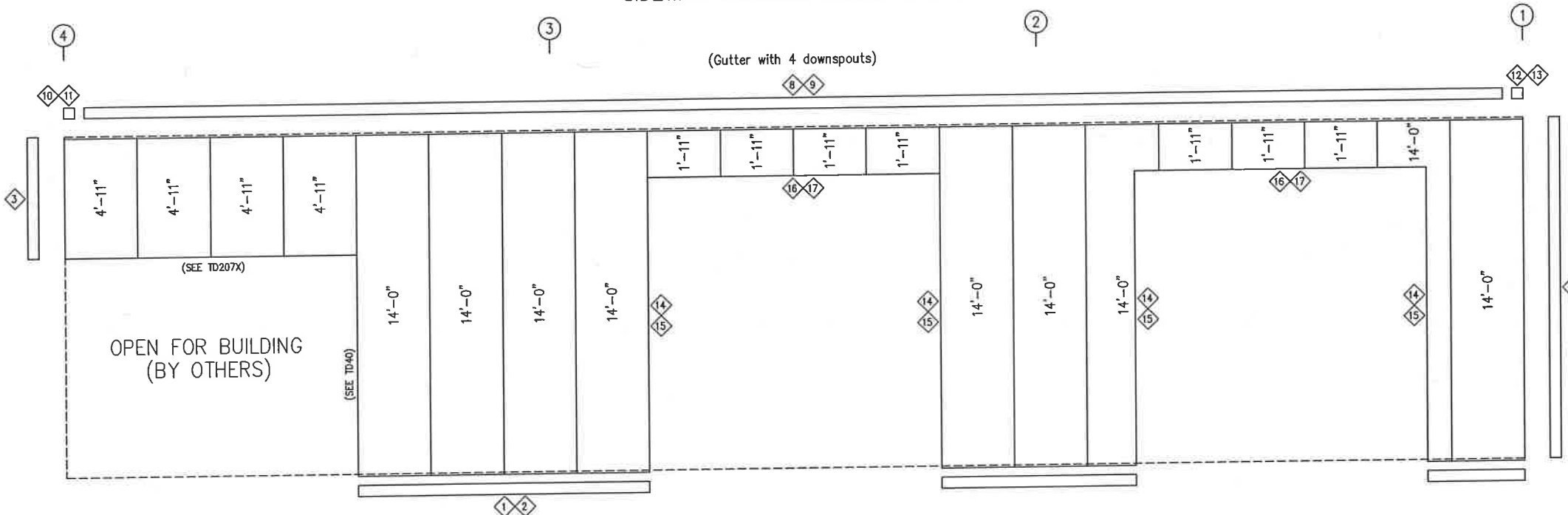
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<input checked="" type="checkbox"/> FOR CONSTRUCTION			
FINAL DRAWINGS.			

SCHULTE BUILDING SYSTEMS	
17600 Baddeley Road - Hockley, Texas 77447	PHONE: 281.304.6111 877.257.2534
FAX: 281.304.8113	www.SchulteBuildingSystems.com
DESCRIPTION	SIDEWALL ELEVATION
OWNER OR PROJECT	Boyer Garage
LOCATION	725 SW 15TH CIRCLE
LEES SUMMIT, MO 64081	BLUE SPRINGS, MO 64014
CAD BY	JL
DATE	4/22/21
SCALE	N.T.S.
REV. NO.	171625

RELEASE FOR CONSTRUCTION
 AS NOTED FOR PLAN REVIEW
 DEVELOPMENT SERVICES
 LEE'S SUMMIT, MISSOURI
06/07/2022



SIDEWALL FRAMING: FRAME LINE C

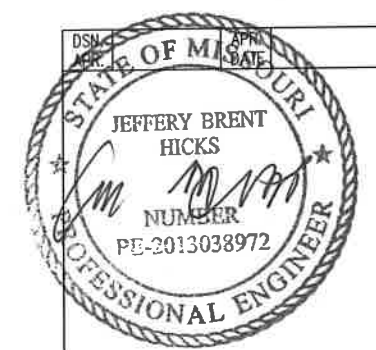


SIDEWALL SHEETING & TRIM: FRAME LINE C
PANELS: 26 Ga. PBR - Ash Gray

TRIM TABLE				
FRAME LINE C				
ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-59	20'-2"	SD74
2	1	FL-59	20'-2"	SD74
3	1	FL-110	5'-0"	TD040
4	1	FL-110	14'-0"	TD040
8	2	FL-32	20'-2"	TD15
9	3	FL-31	20'-2"	
10	1	FL-32L	11'-2"	
11	1	FL-33L	8"	TD085
12	1	FL-32R	11'-2"	TD095
13	1	FL-33R	8"	
14	1	FL-55	12'-2"	
15	1	FL-48	12'-3"	TD051
16	1	FL-55	12'-4"	
17	1	FL-52	12'-4"	TD052

MEMBER TABLE	
FRAME LINE C	
MARK	PART
DJ-1	8X35C16
DJ-3	8X35C16
E-1	8E14
E-4	8E14
E-5	8E14
G-7	8X25Z16
G-8	8X35C16
G-9	8X25Z16
G-10	8X25C16
G-11	8X25Z16
G-12	8X25C16
G-13	8X25Z16
SJ-3	8X35C16

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



05/24/2022

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

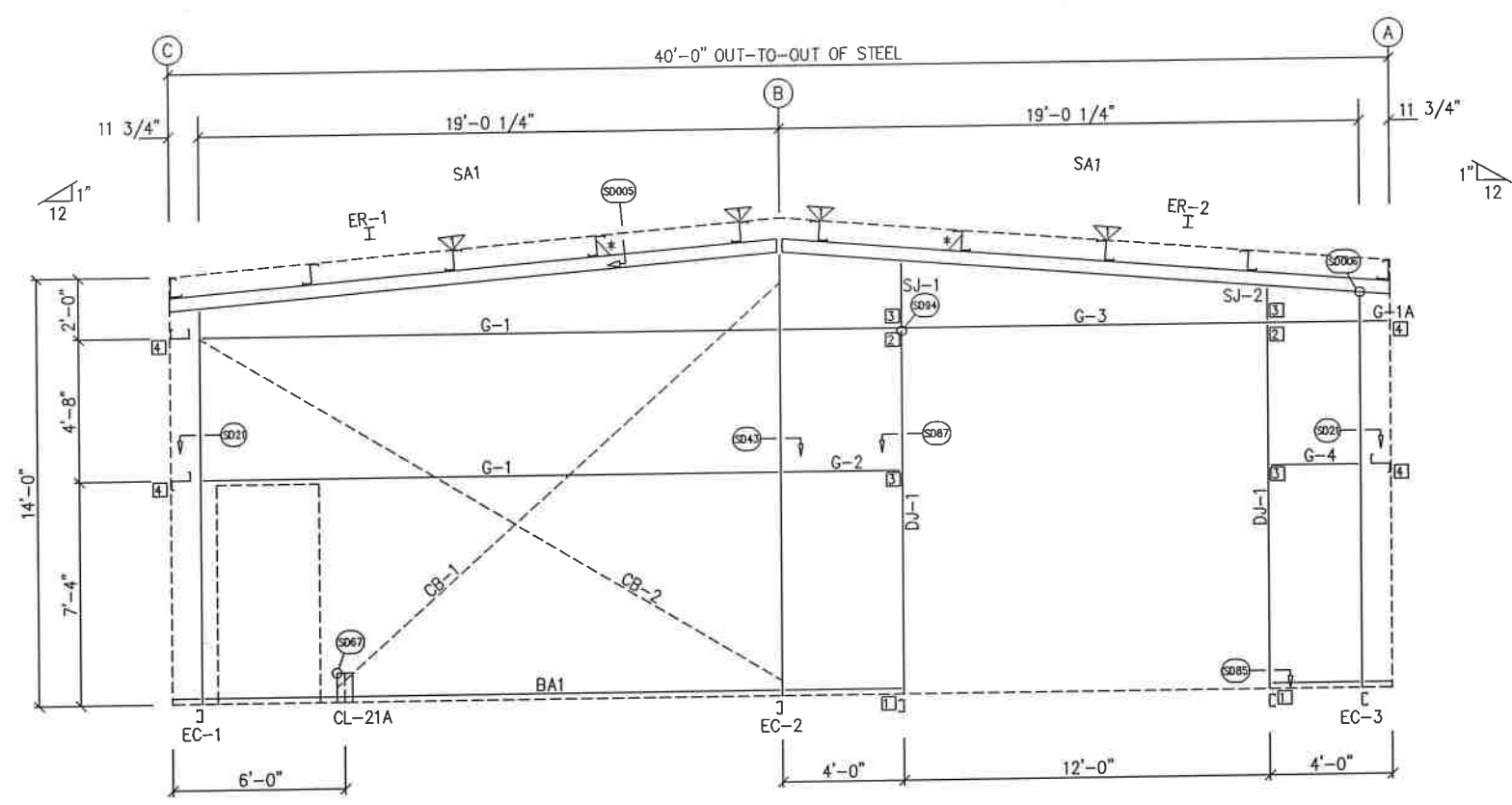
DRAWING STATUS		REVISIONS		BY		CHK'D	
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<input type="checkbox"/>	FOR PERMIT	0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	
<input type="checkbox"/>	FOR CONSTRUCTION						
<input checked="" type="checkbox"/>	FINAL DRAWINGS						

OWNER OR PROJECT		CUSTOMER		SIZE		REFER TO C1	
Boyer Garage		CONRAD DEVELOPMENT AND CONSTRUCTION		725 SW 15TH CIRCLE		505 NE DUNCAN RD	
JOB SITE LOCATION		LEES SUMMIT, MO 64081		ADDRESS		BLUE SPRINGS, MO 64014	
CAD BY		ENGR BY		DATE		JOB NO.	
JZ		JL		4/22/21		171625	
SCALE		N.T.S.		JOB NO.		171625	

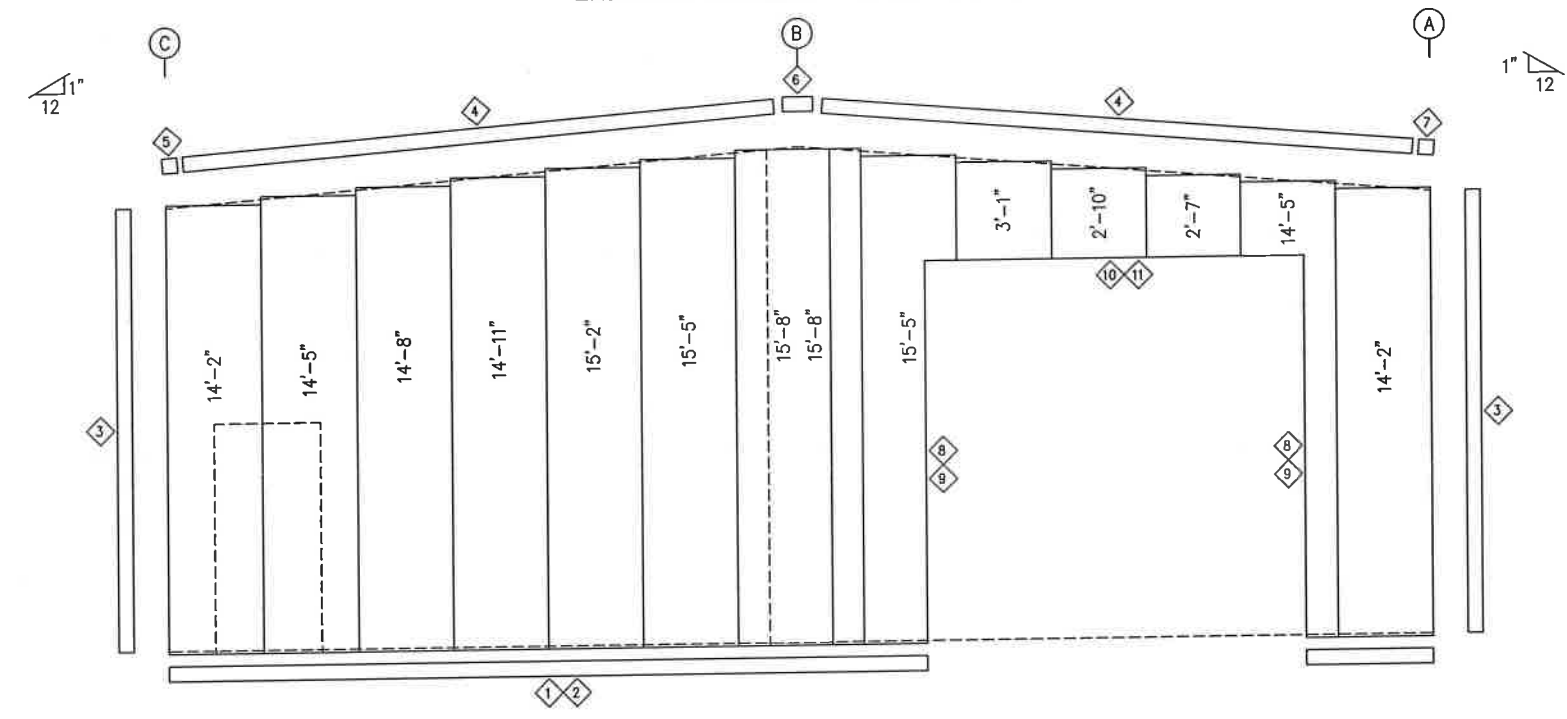
SBS		SCHULTE BUILDING SYSTEMS	
17800 Badlike Road - Hockley, Texas 77447		PHONE: 281.304.6111 877.257.2534	
FAX: 281.304.6113		www.SchulteBuildingSystems.com	

RELEASE FOR CONSTRUCTION
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022

*ANT-ROLL CLIP
((SD115))



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PBR - Ash Gray

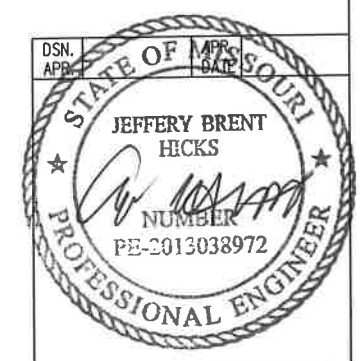
TRIM TABLE FRAME LINE 1				
QID	QUAN	PART	LENGTH	DETAIL
1	2	FL-59	20'-2"	SD74
2	*	FL-59	SCRAP	SD74
3	1	FL-110	14'-0"	TD040
4	1	FL-21	10'-2"	TD035
5	1	FL-21L	11'-2"	TD013
6	1	FL-23	1'-4"	
7	1	FL-21R	11'-2"	TD085
8	1	FL-55	12'-2"	
9	1	FL-48	12'-3"	TD051
10	1	FL-55	12'-4"	
11	1	FL-52	12'-4"	TD052

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

FLANGE BRACE TABLE FRAME LINE 1		
QID	MARK	LENGTH
1	FB1A	2'-9 3/4"

CONNECTION PLATES FRAME LINE 1	
QID	MARK/PART
1	CL-104
2	CL-100
3	CL-103

MEMBER TABLE FRAME LINE 1	
MARK	PART
EC-1	8X35C16
EC-2	8X35C12
EC-3	8X35C16
ER-1	W8X10
ER-2	W8X10
DJ-1	8X35C16
G-1	8X25Z14
G-1A	8X25Z14
G-2	8X25Z16
G-3	8X25C16
G-4	8X25Z16
CB-1	CB0250
CB-2	CB0250
SJ-1	8X35C16
SJ-2	8X35C16



05/24/2022

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

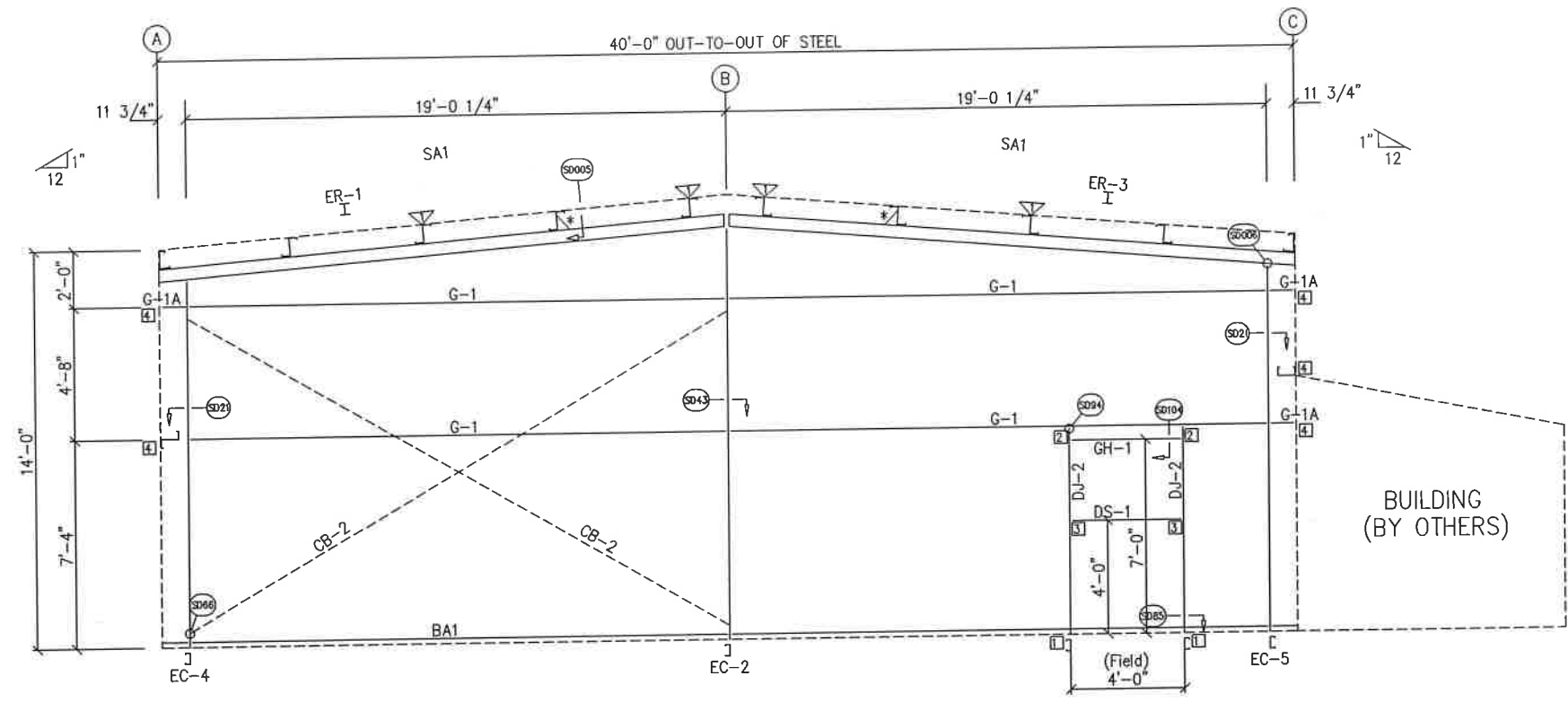
DRAWING STATUS		REVISIONS		BY		CHK'D	
<input type="checkbox"/> FOR APPROVAL:	THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	NO.	DATE	DESCRIPTION			
<input type="checkbox"/> FOR PERMIT:	THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.	0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	
<input checked="" type="checkbox"/> FOR CONSTRUCTION:	THESE DRAWINGS, BEING FOR CONSTRUCTION, ARE BY DEFINITION NOT FINAL. IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.						
<input type="checkbox"/> FINAL DRAWINGS:							

OWNER OR PROJECT		CUSTOMER		SIZE	
Boyer Garage		CONRAD DEVELOPMENT AND CONSTRUCTION		REFER TO C1	
JOB SITE LOCATION		ADDRESS			
725 SW 15TH CIRCLE		505 NE DUNCAN RD			
LEES SUMMIT, MO 64081		BLUE SPRINGS, MO 64014			
CAU BY	JZ	ENGR BY	JL	DATE	4/22/21
SCALE	N.T.S.	200 NO.	171625	DATE	4/22/21

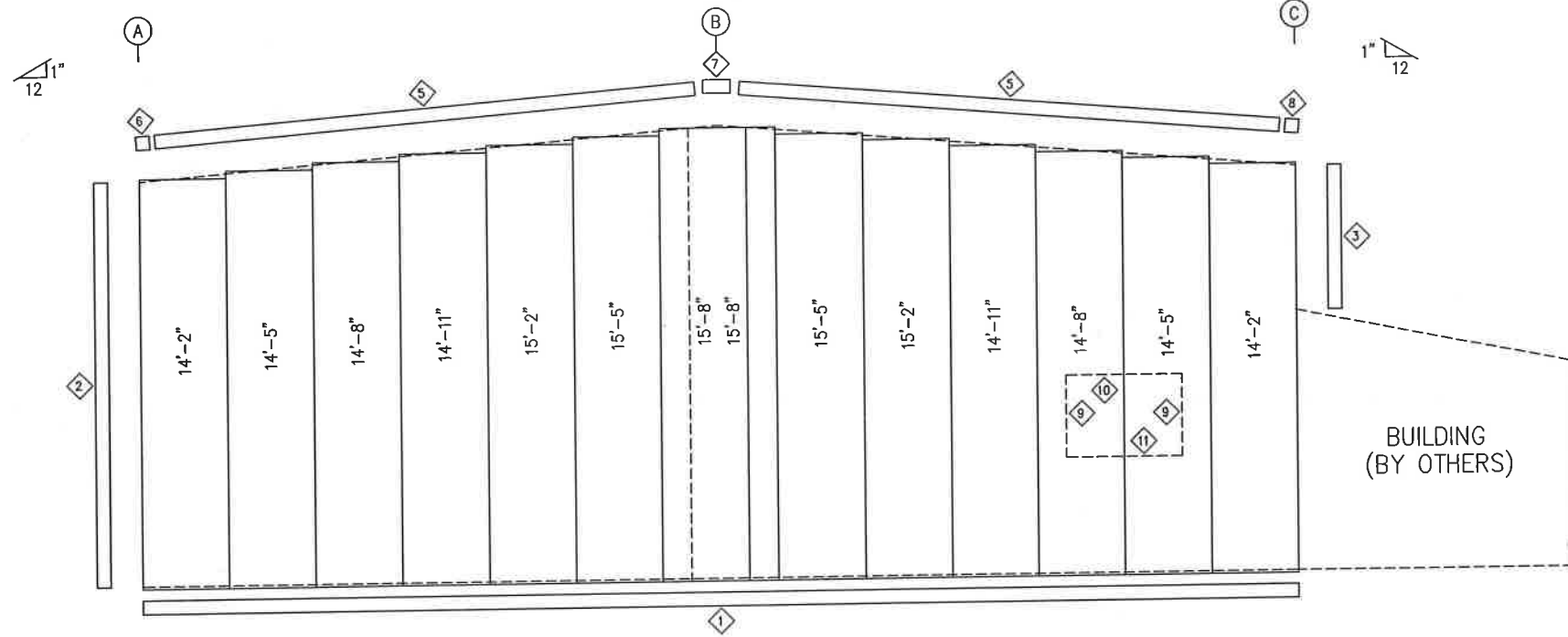
SCHULTE BUILDING SYSTEMS		17600 Bodtke Road - Hockley, Texas 77447	
PHONE: 281.304.6111 877.257.2534		FAX: 281.304.8113	
www.SchulteBuildingSystems.com			

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022

*ANT-ROLL CLIP
((SD115))



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 Ga. PBR - Ash Gray

TRIM TABLE FRAME LINE 4				
ID	QUAN	PART	LENGTH	DETAIL
1	2	FL-59	20'-2"	SD74
2	1	FL-110	14'-0"	TD040
3	1	FL-110	5'-0"	TD040
5	1	FL-21	10'-2"	TD035
6	1	FL-21L	11'-2"	TD013
7	1	FL-23	1'-4"	
8	1	FL-21R	11'-2"	TD085
9	1	FL-48	3'-3"	TD051
10	1	FL-52	4'-4"	TD052
11	1	FL-53	4'-4"	

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

FLANGE BRACE TABLE FRAME LINE 4		
ID	MARK	LENGTH
1	FB1A	2'-9 3/4"

CONNECTION PLATES FRAME LINE 4	
ID	MARK/PART
1	CL-104
2	CL-103
3	CL-100
4	CL-5

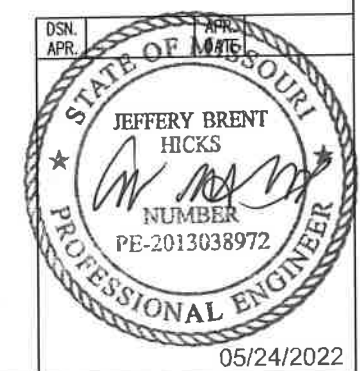
MEMBER TABLE FRAME LINE 4	
MARK	PART
EC-2	8X35C12
EC-4	8X35C16
EC-5	8X35C16
ER-1	W8X10
ER-3	W8X10
DJ-2	8X35C16
GH-1	17 1/2"X14
DS-1	8X25C16
G-1	8X25Z14
G-1A	8X25Z14
CB-1	CB0250
CB-2	CB0250

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

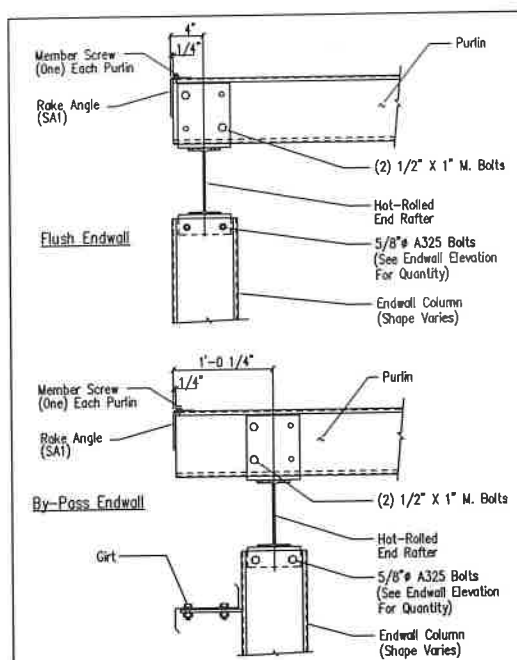
DRAWING STATUS		REVISIONS			
NO.	DATE	DESCRIPTION	BY	CHKD	
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	

SCHULTE BUILDING SYSTEMS
17600 Badtke Road - Hoodley, Texas 77447
PHONE: 281.304.6111 877.257.2534
FAX: 281.304.6113
www.SchulteBuildingSystems.com

OWNER OR PROJECT	Boyer Garage	CUSTOMER	CONRAD DEVELOPMENT AND CONSTRUCTION
JOB SITE LOCATION	725 SW 15TH CIRCLE LEES SUMMIT, MO 64081	ADDRESS	505 NE DUNCAN RD BLUE SPRINGS, MO 64014
CAD BY	JZ	ENGR BY	JL
DATE	4/22/21	SCALE	N.T.S.
JOB NO.	171625	TH	

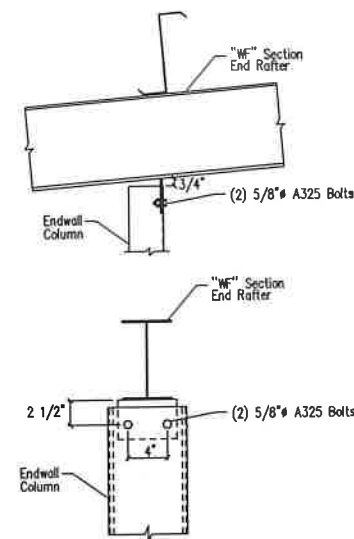


RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022



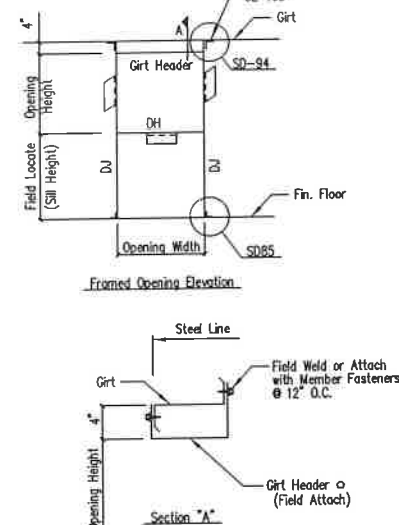
Section Thru Rake w/Hot Rolled Rafter

DRAWING NO.
SD5



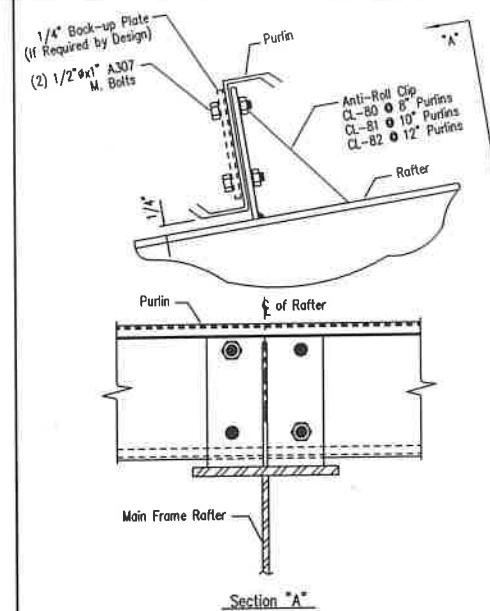
Cold Form Column to Hot Rolled Rafter

DRAWING NO.
SD6



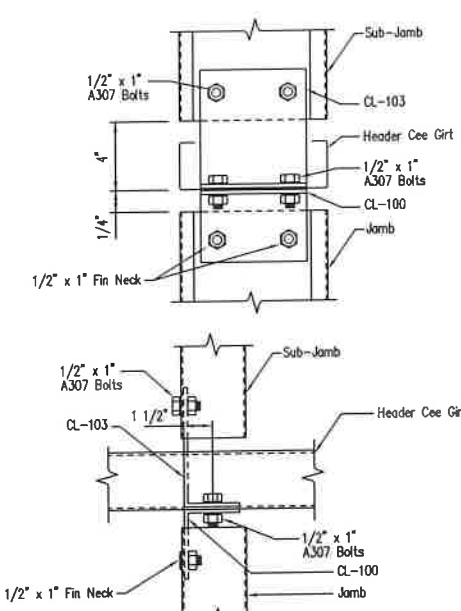
Framed Opening w/ Girt Header

DRAWING NO.
SD104



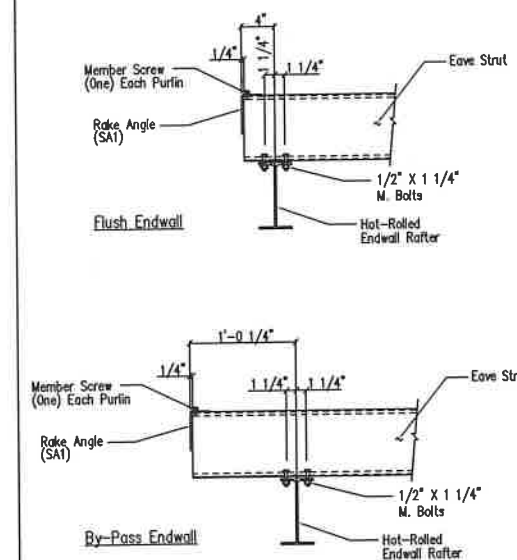
Purlin to Anti-Roll Clip Connection

DRAWING NO.
SD115



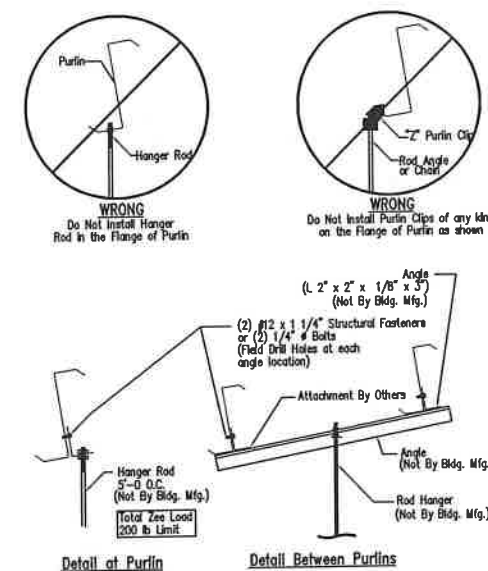
Jamb to Header Girt with Sub-Jambs

DRAWING NO.
SD121



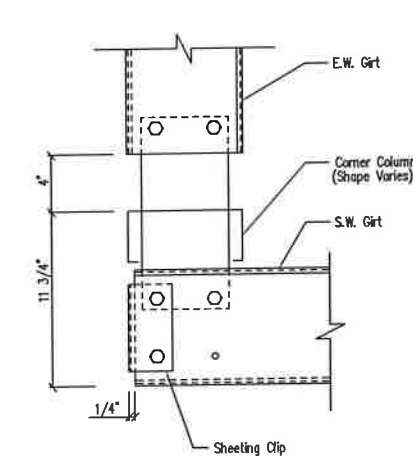
Eave Strut to Hot Rolled Rafter Connection

DRAWING NO.
SD14



Collateral Material Hanger Detail

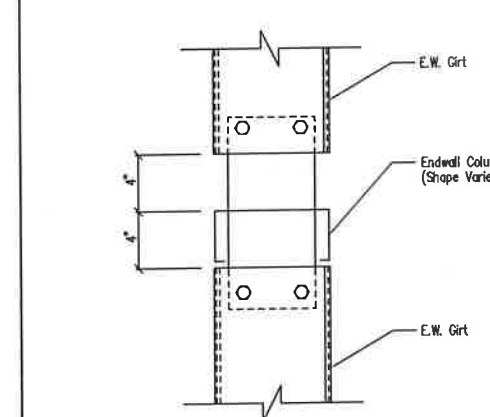
DRAWING NO.
SD160



Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Section at "C" Corner Column

DRAWING NO.
SD21



Note: All connection bolts are 1/2" x 1" machine bolts unless noted.

Girt to "C" Endwall Column Connection

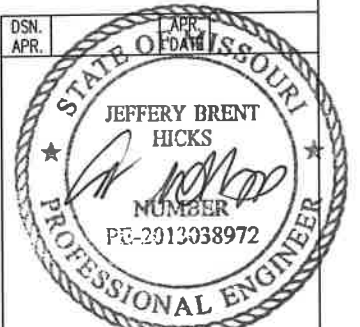
DRAWING NO.
SD43

GENERAL NOTES:
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.
4 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
• TRIM PROFILE MAY VARY.

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

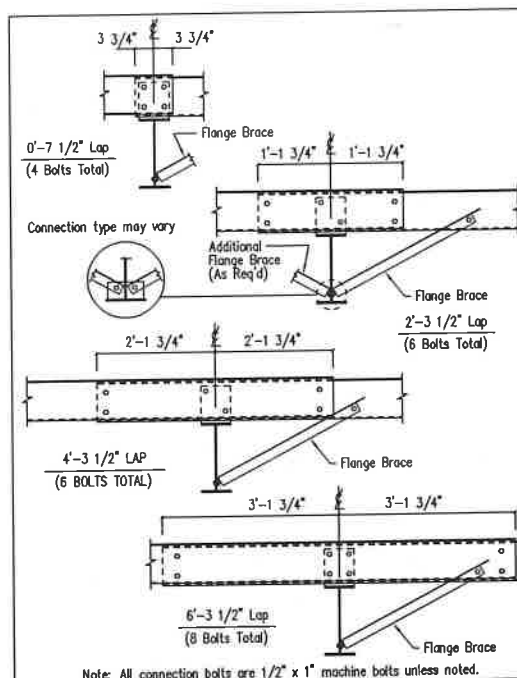
REVISIONS			
NO.	DATE	DESCRIPTION	BY
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ

SCHULTE BUILDING SYSTEMS			
17800 Badlake Road - Hackley, Texas 77447 PHONE: 281.304.6111 877.257.2534 FAX: 281.304.6113 www.SchulteBuildingSystems.com			
DESCRIPTION	DETAIL DRAWINGS	SIZE	REFER TO C1
OWNER OR PROJECT	Boyer Garage	CUSTOMER	CONRAD DEVELOPMENT AND CONSTRUCTION
JOB SITE LOCATION	725 SW 15TH CIRCLE	ADDRESS	SOS NE DUNCAN RD
CAO BY	JZ	DATE	4/22/21
ENGR BY	JL	SCALE	N.T.S.
JOB NO.	171625	PH	BLD. MFG.
SHEET NO.	1536	ISSUE	



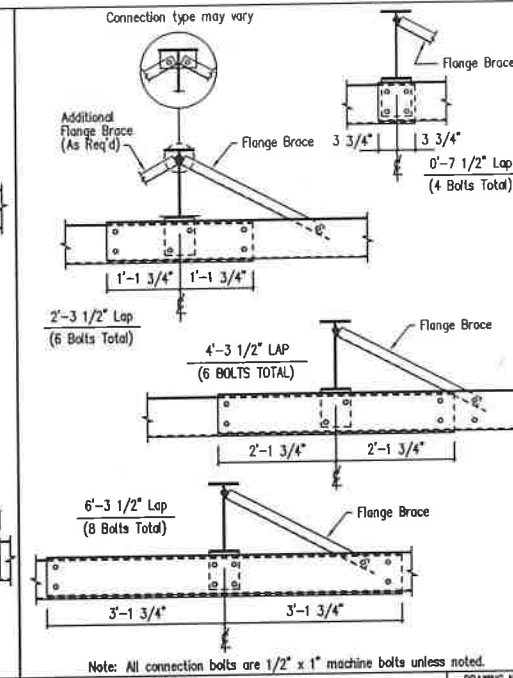
05/24/2022

RELEASED FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022



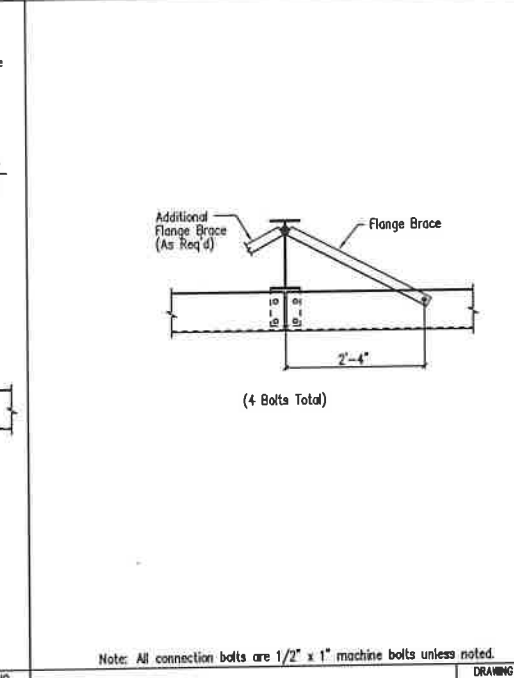
Interior Bay Purlin Framing

DRAWING NO.
SD50



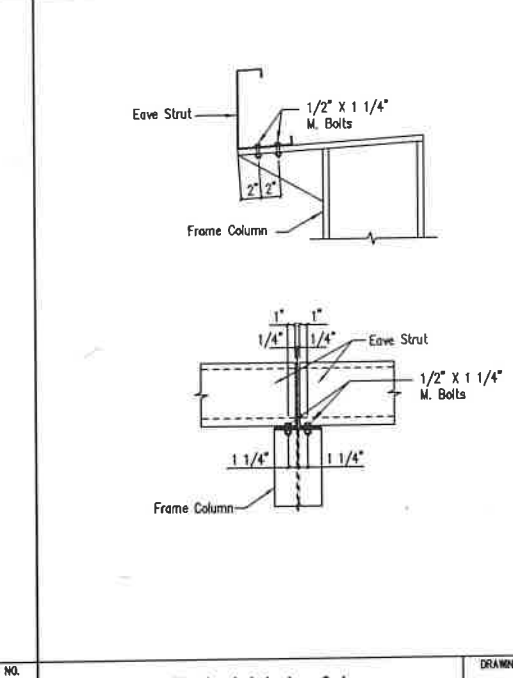
Interior Bay Girt Framing

DRAWING NO.
SD51



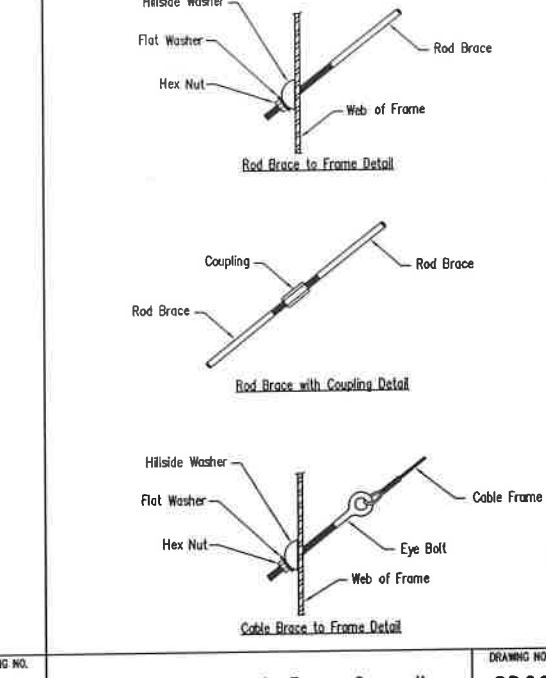
Simple Span Girt Framing

DRAWING NO.
SD52



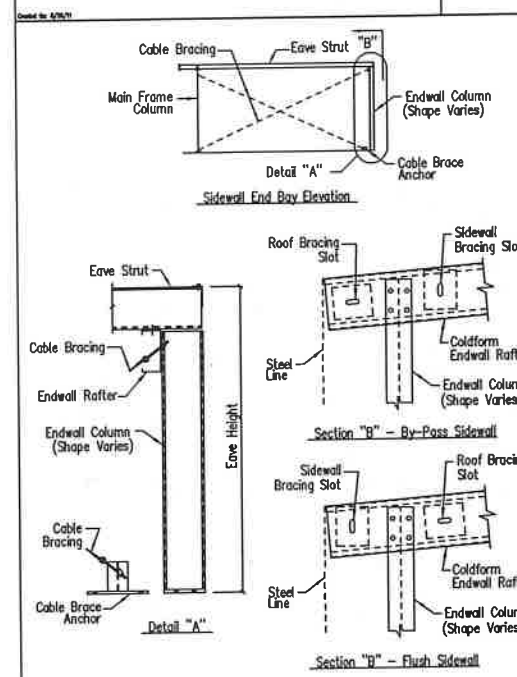
Eave Strut at Interior Column
By-Pass Sidewall

DRAWING NO.
SD59



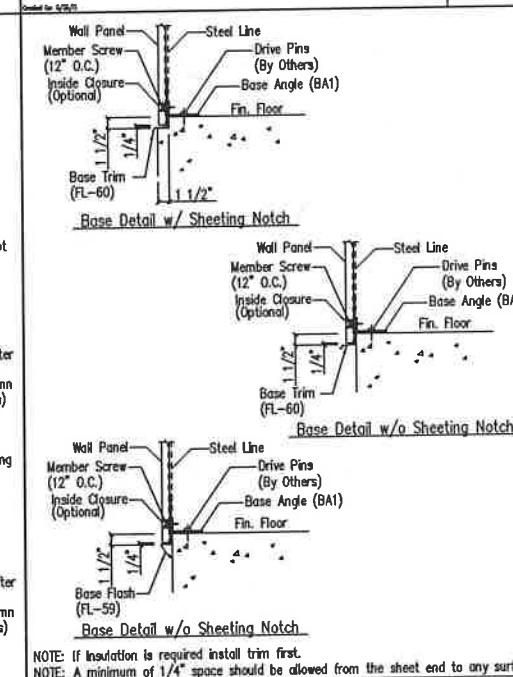
Cable or Rod Brace to Frame Connection

DRAWING NO.
SD66



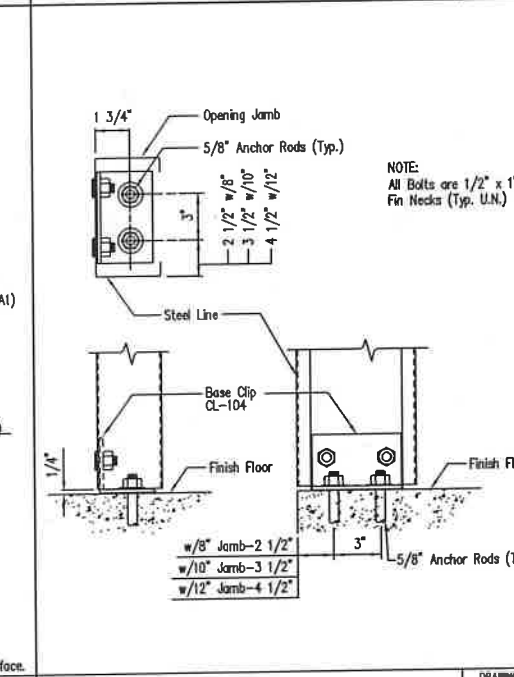
End Bay Bracing

DRAWING NO.
SD67



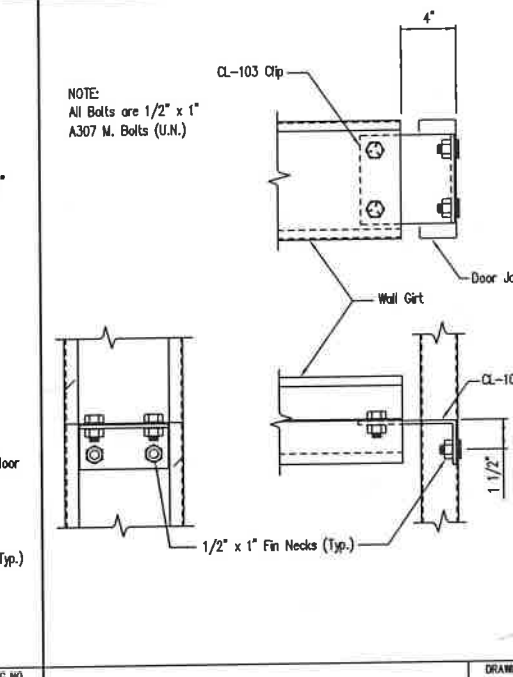
Base Angle w/Trim

DRAWING NO.
SD74



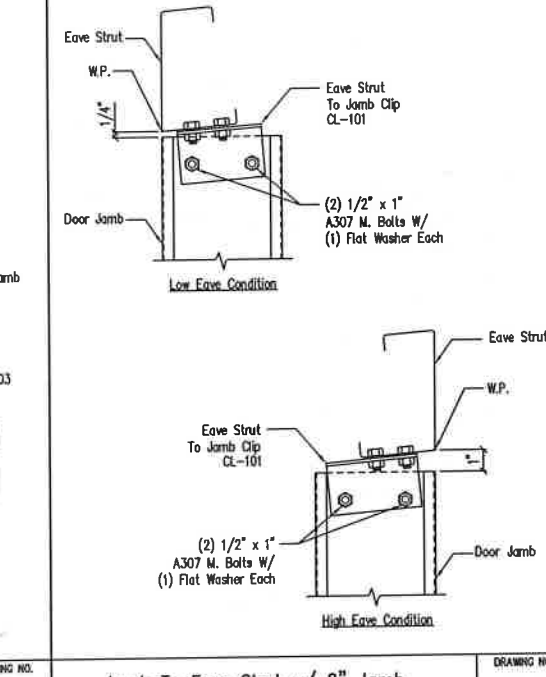
Jamb to Floor

DRAWING NO.
SD85



Girt to Jamb (Bolted Clips)

DRAWING NO.
SD87



Jamb To Eave Strut w/ 8" Jamb
1:12 Roof Pitch and Lower

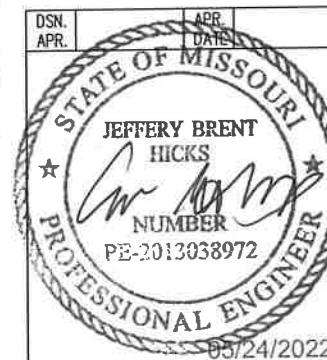
DRAWING NO.
SD89

GENERAL NOTES:
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.
1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
* TRIM PROFILE MAY VARY.

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

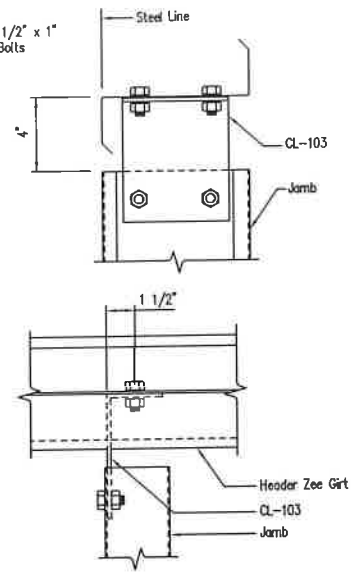
REVISIONS	
NO.	DATE
0	4/22/21
	PERMIT FOR CONSTRUCTION
	JZ JZ

SCHULTE BUILDING SYSTEMS	
17600 Bodlike Road - Hockley, Texas 77447	PHONE: 281.304.6111 877.257.2534
FAX: 281.304.6113	www.SchulteBuildingSystems.com
DETAIL DRAWINGS	
OWNER OR PROJECT	BOYER GARAGE
LOCATION	725 SW 15TH CIRCLE
LEES SUMMIT, MO 64081	BLUE SPRINGS, MO 64014
CAD BY	JZ
ENGR BY	JL
DATE	4/22/21
SCALE	N.T.S.
JOB NO.	171625

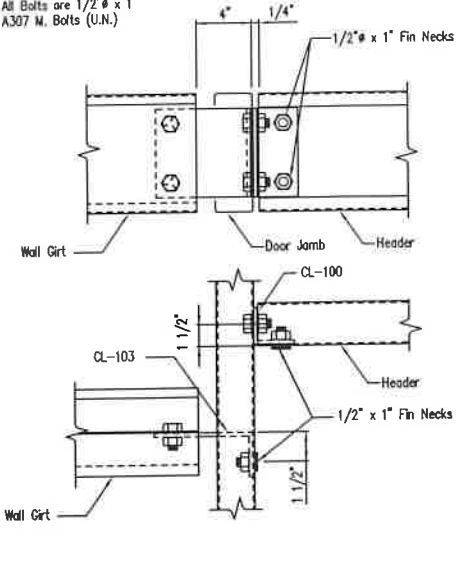


RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022

NOTE:
All Bolts are 1/2" x 1"
A307 Mach. Bolts



NOTE:
All Bolts are 1/2" x 1"
A307 M. Bolts (U.N.)



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

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

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

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

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

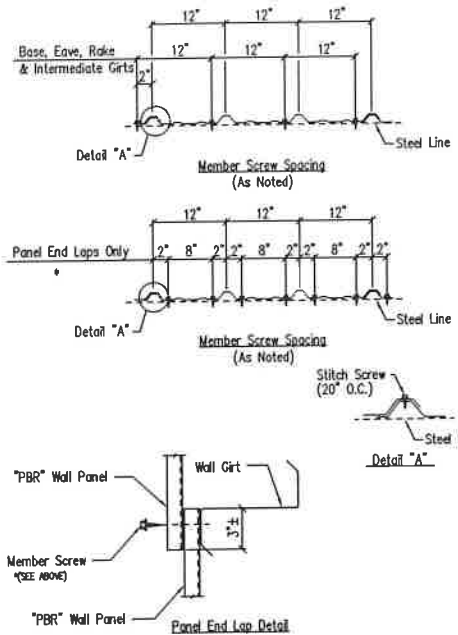
Soffit Fasteners: #14 x 7/8" Self Drilling Screw Laptek - Stitch Screw
Long Life Fasteners #12 x 1 1/4" Self Drilling Screw - Member Screw

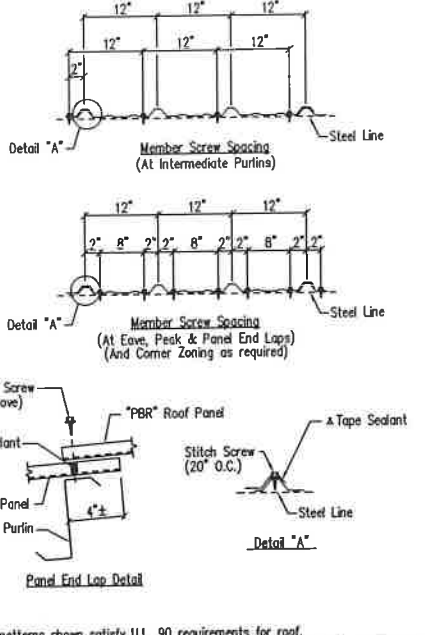
Steel to Steel Fasteners: #12 x 1" Self Drilling Screw W/O Washer - Member Screw (WS1)

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

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

ΔTape Sealant 1/2" x 3/32" x 45'-0" (RSH45-H)
ΔTape Sealant 1" x 3/32" x 45'-0" (RSH45-1)





Jamb to Header Girt

SD94

Girt/Header to Jamb (Bolted Clips)

SD95

Screw Size Note

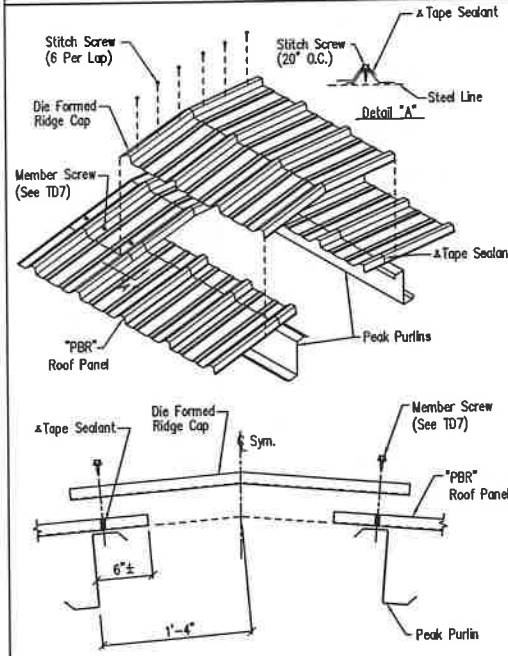
TD000

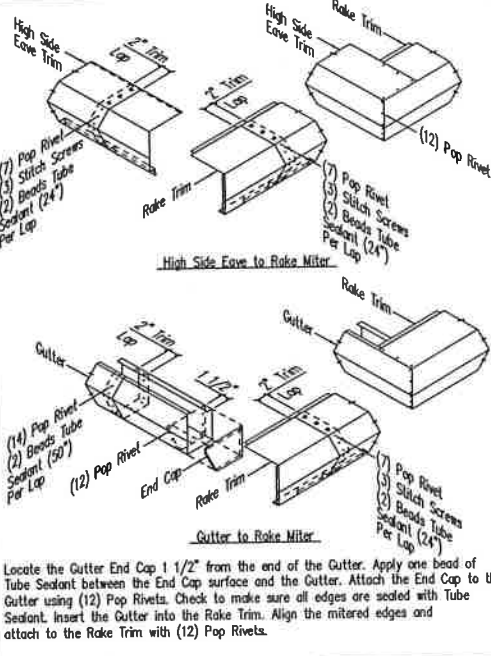
Fastener Location "PBR" Panel at Wall

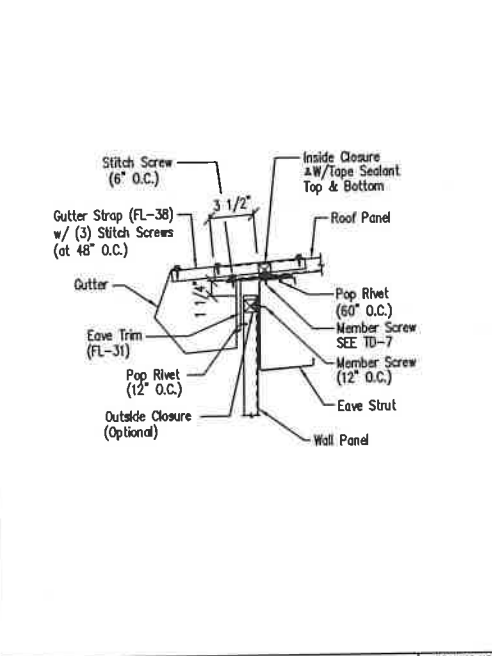
TD1

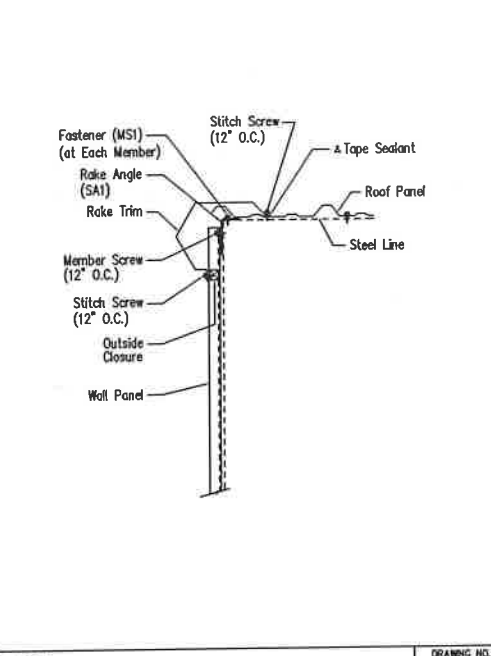
Fastener Location "PBR" Panel at Roof

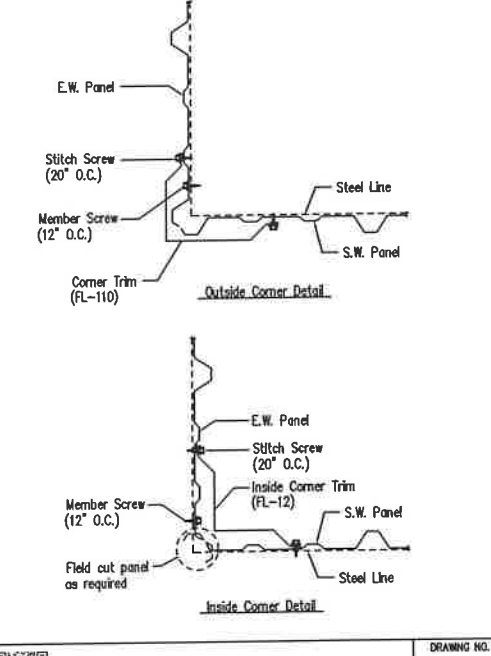
TD7











Die Formed Ridge Detail - PBR

Up to a 3:12 Roof Slope

TD8

PBR Standard Trim Detail

TD13

Low Eave Detail - PBR

Standard Gutter - Sheeted Wall

TD15

Rake Detail - PBR

Standard Rake - Sheeted Wall

TD35

Section at Corner - PBR

TD40

GENERAL NOTES:
SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.
ALL TAPE SEALANT IS CONTINUOUS UNLESS NOTED.
WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.
FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.
Δ 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.
* TRIM PROFILE MAY VARY.

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 PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.

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☒ FINAL DRAWINGS.

NO.		DATE	DESCRIPTION	BY	CHKD
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	

NO.		DATE	DESCRIPTION	BY	CHKD
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ	

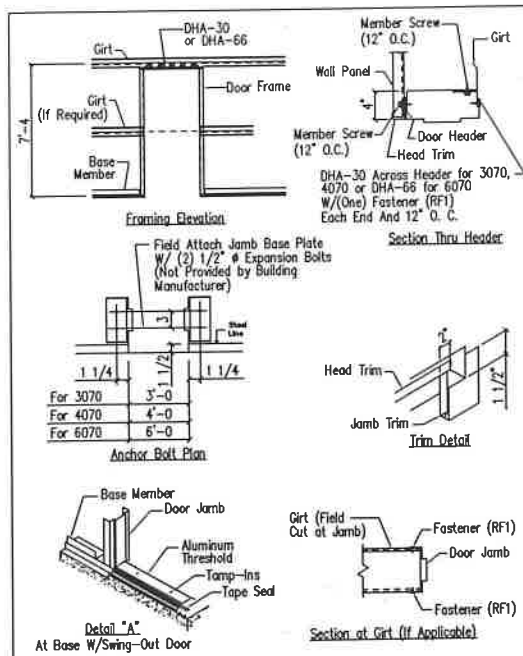
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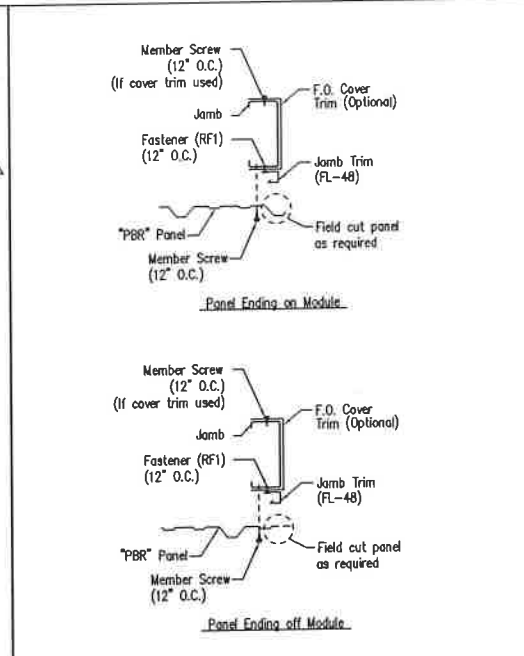
DESCRIPTION		DETAIL DRAWINGS	SIZE	REFER TO C1	
DRAWN OR PROJECT	Boyer Garage				
JOB SITE LOCATION	725 SW 15TH CIRCLE				
LEES SUMMIT, MO 64081					
CAO BY	JZ	DATE	4/22/21	SCALE	N.T.S.
ENGR BY	JL	DATE	4/22/21	SCALE	N.T.S.
JOB NO.	171625				

PH (BUD. DES.) SHEET NO. 1554
RELEASED FOR CONSTRUCTION

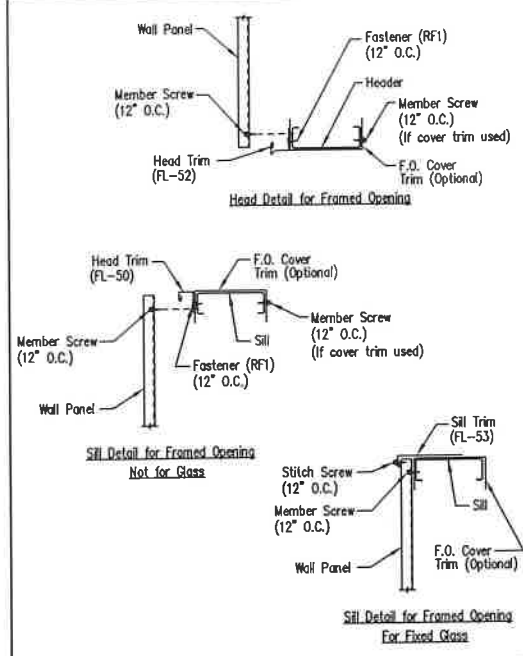
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/07/2022



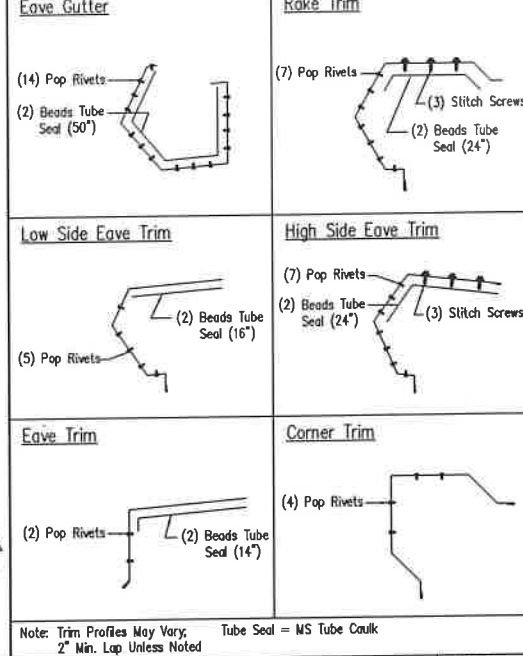
Personnel Doors (Walk Door Sections) TD50



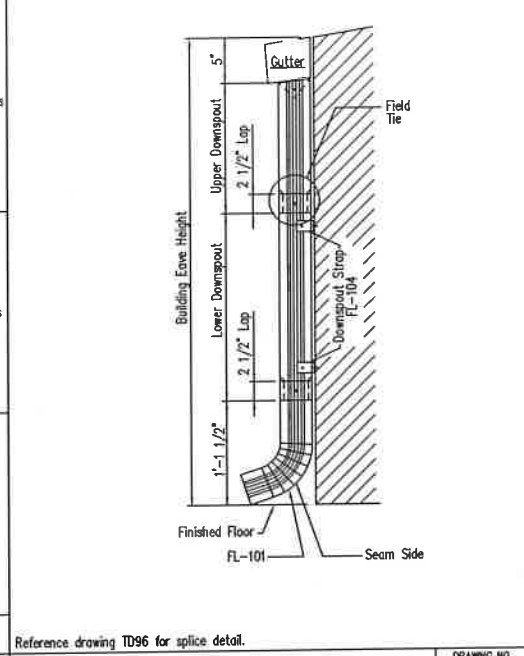
Jamb Detail For Framed Opening TD51



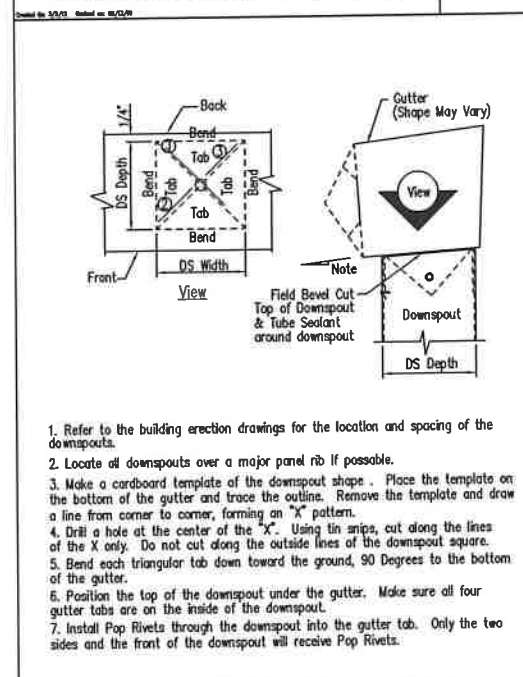
Framed Opening Head and Sill Details TD52



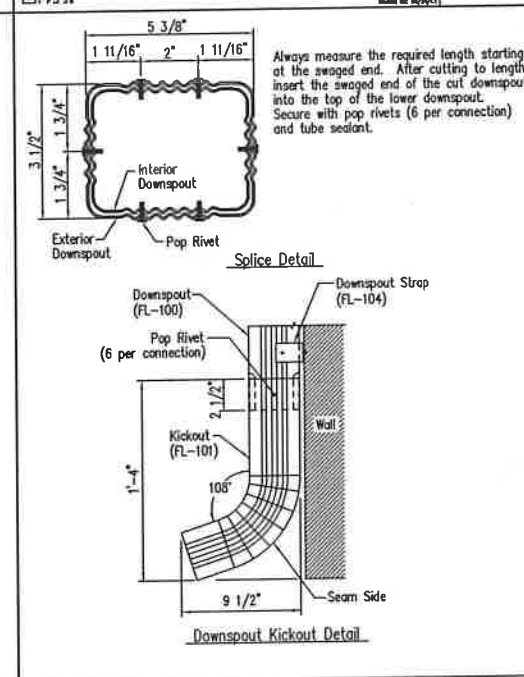
Trim Laps - Standard Profile TD55



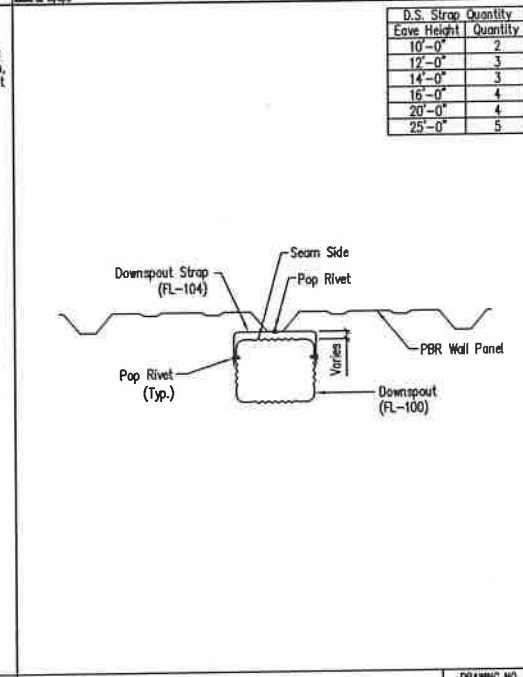
Downspout Elevation TD90



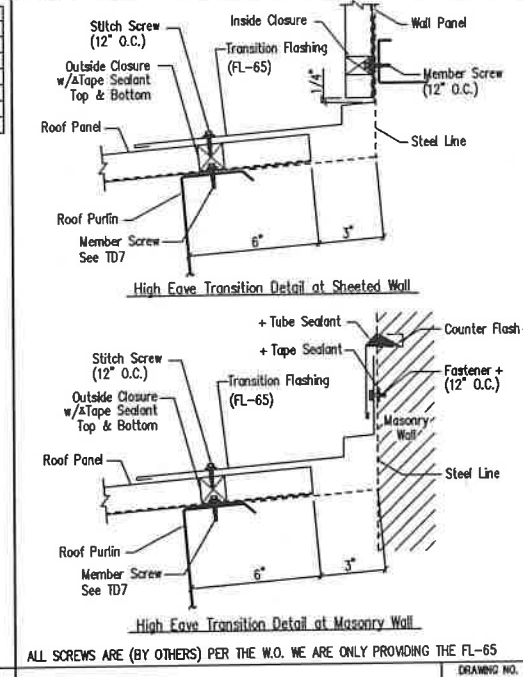
Downspout to Gutter Attachment Detail TD95



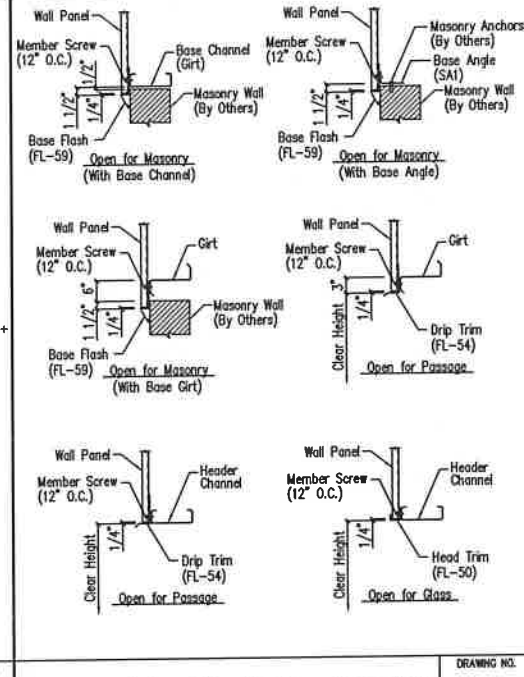
Downspout Kickout and Splice Detail TD96



Downspout Strap Attachment Detail - PBR TD98



High Eave Transition Detail - PBR TD207X



Masonry and Open Trim Details - Below Eave TD240

GENERAL NOTES:

SEE ELEVATIONS FOR TRIM MARKS, LENGTHS, LOCATION, AND QUANTITY.

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WALL PANELS, POP RIVETS, AND EAVE TRIM TO BE INSTALLED BEFORE ROOF INSULATION.

FOR CLARITY OF DETAIL, ROOF INSULATION IS NOT SHOWN.

* 1" WIDE x 3/32" TAPE SEAL (OPTIONAL) MUST BE SPECIFIED ON THE WORK ORDER.

* TRIM PROFILE MAY VARY.

1. Refer to the building erection drawings for the location and spacing of the downspouts.

2. Locate all downspouts over a major panel rib if possible.

3. Make a cardboard template of the downspout shape. Place the template on the bottom of the gutter and trace the outline. Remove the template and draw a line from corner to corner, forming an "X" pattern.

4. Drill a hole at the center of the "X". Using tin snips, cut along the lines of the X only. Do not cut along the outside lines of the downspout square.

5. Bend each triangular tab down toward the ground, 90 Degrees to the bottom of the gutter.

6. Position the top of the downspout under the gutter. Make sure all four gutter tabs are on the inside of the downspout.

7. Install Pop Rivets through the downspout into the gutter tab. Only the two sides and the front of the downspout will receive Pop Rivets.

D.S. Strap Quantity

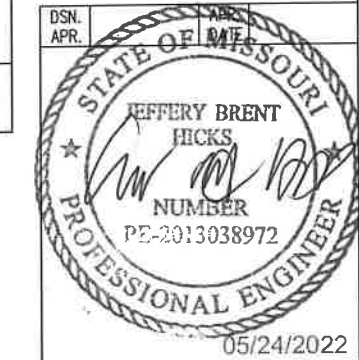
Eave Height	Quantity
10'-0"	2
12'-0"	3
14'-0"	3
16'-0"	4
20'-0"	4
25'-0"	5

DRAWING STATUS

NO.	DATE	DESCRIPTION	BY	CHK'D
0	4/22/21	PERMIT FOR CONSTRUCTION	JZ	JZ

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D
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JOB NO.	171625
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ISSUE	

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AS NOTED FOR PLANS

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