

PROJECT INFORMATION:
FLORIDA EXPANSION
BUILDING A

SITE ADDRESS:
1143 LAKE JEFFREY RD
LAKE CITY, FL 32055

PROJECT:
NEW BUILDING

BUILDING DATA:
Building Description: NEW SINGLE STORY BUILDING

Building Size: 30X100X8'4"(LS) (3,000sq. ft.)

Building Code: The 2020 FLORIDA Building Code

Design Criteria:
This building has been designed to conform to the 2020 FLORIDA building code with current revisions.
This Building has been designed for the following LIVE LOADS, in addition to the DEAD LOADINGS :

Roof Live Loading : 20 psf
Floor Live Loading : 125 psf
Use Group : S1
Type of Construction : II - B
Basic Wind Speed : 118 Ultimate Wind Speed
Wind Exposure : B

Wind Importance Factor IW = 1
Building Classifications : Category I

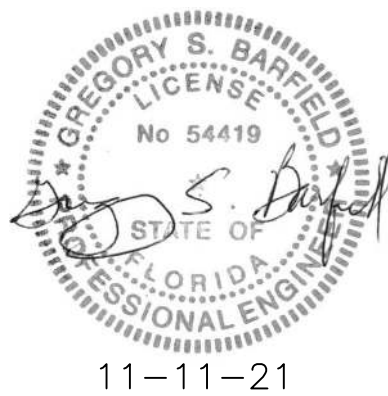
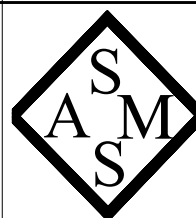
Enclosed Building : Internal Pressure Coefficient = + / - .18

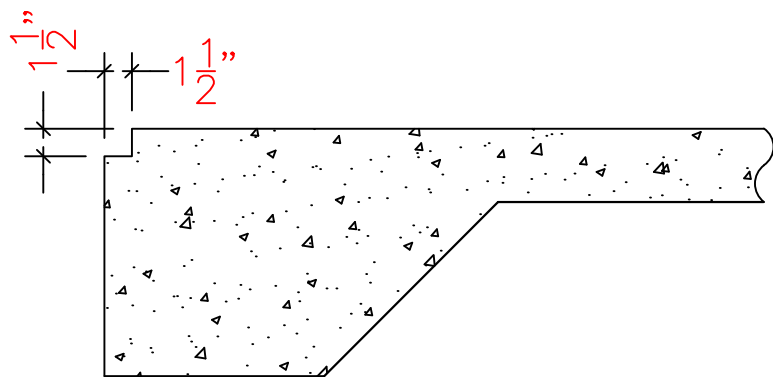
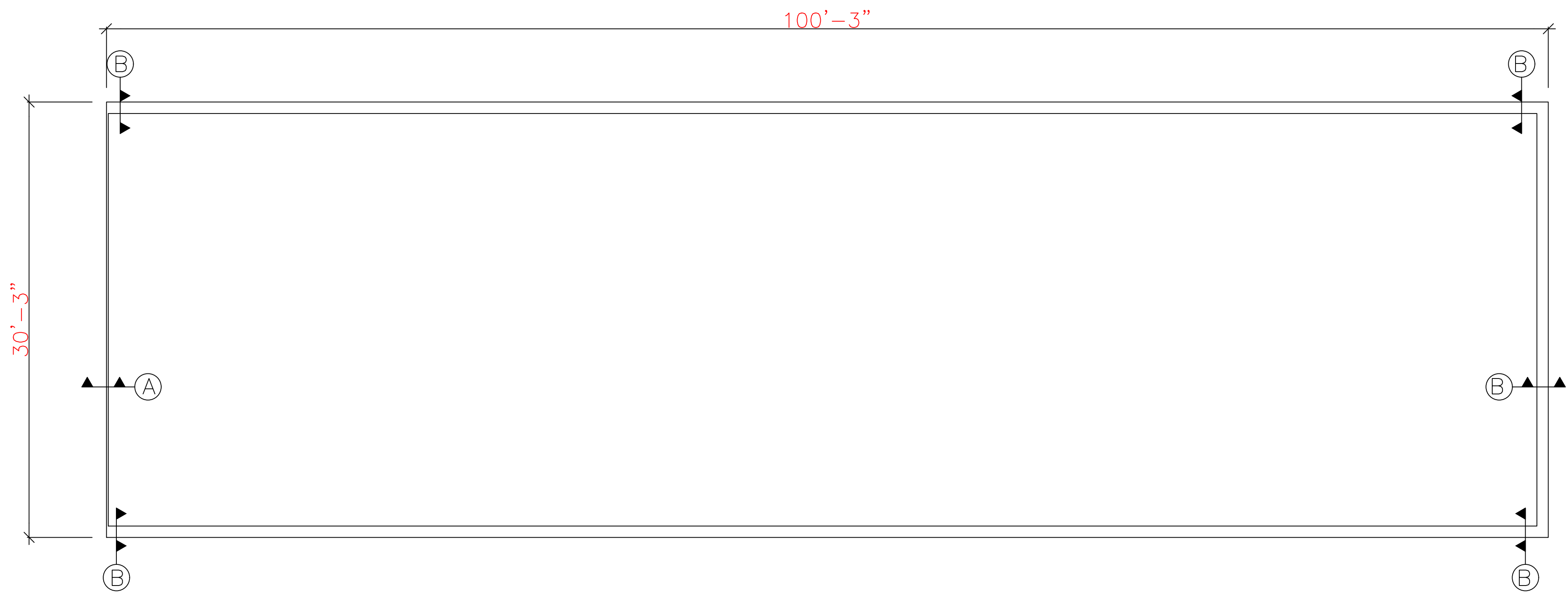
Zoning : Light Industrial

SHEET INDEX
S100 - SLAB PLAN
S200 - COLUMN LAYOUT
S300 - ROOF FRAMING LAYOUT
S400 - ROOF SHEETING LAYOUT
S500 - SIDEWALL FRAMING & SHEETING
S600 - ENDWALL FRAMING & SHEETING
S700 - DETAILS
S701 - DETAILS
S702 - DETAILS

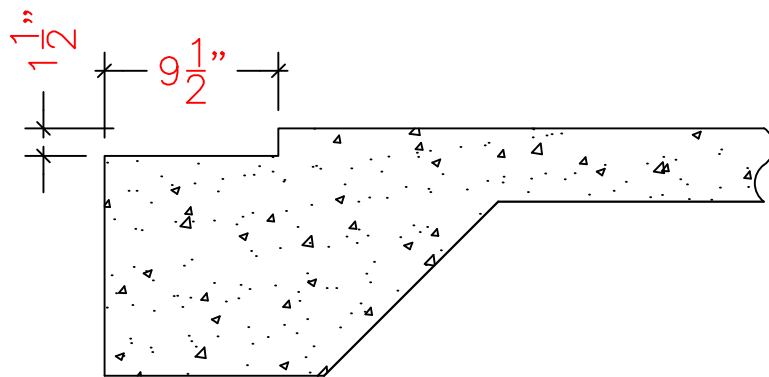


Gregory S Barfield
Digitally signed by Gregory S Barfield
Date: 2021.11.11 14:45:26 -05'00'

LICENSED ENGINEER Gregory S. Barfield 2149 Nell Purvis Dr. Adel, GA 31620 LICENSE NO.: 54419		 11-11-21	
	STEEL & METAL SYSTEMS, INC. 505 MAIN ST. BLACKSHEAR, GA 31516 www.steelandmetalsystems.com 888-820-0309	BUILDING CODES:	
		CODE:	FBC2020
		WIND LOAD:	118 MPH
		LIVE LOAD:	20 PSF
		CHUCK STRINGHAM	
		FLORIDA EXPANSION BUILDING A	
1143 LAKE JEFFREY RD LAKE CITY, FL 32055			
TITLE		SCALE:	##'="#'
		PROJECT NO.	J21-498
		DATE	10/13/2021
		DRAWN BY	E. EVORS
SHEET DESCRIPTION		CHECKED BY	K. WEAVER
		S000	
		SHEET NUMBER	



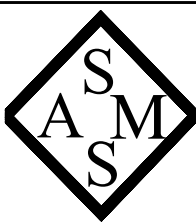
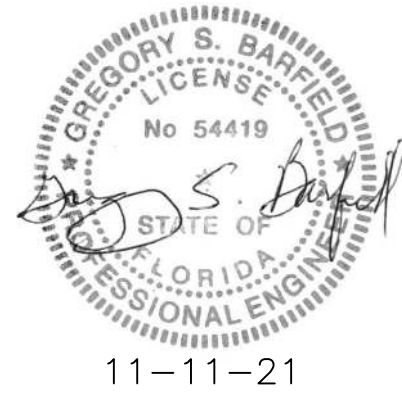
DETAIL A



DETAIL B

LICENSED ENGINEER
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CHUCK STRINGHAM

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CHECKED BY K. WEAVER

SLAB PLAN

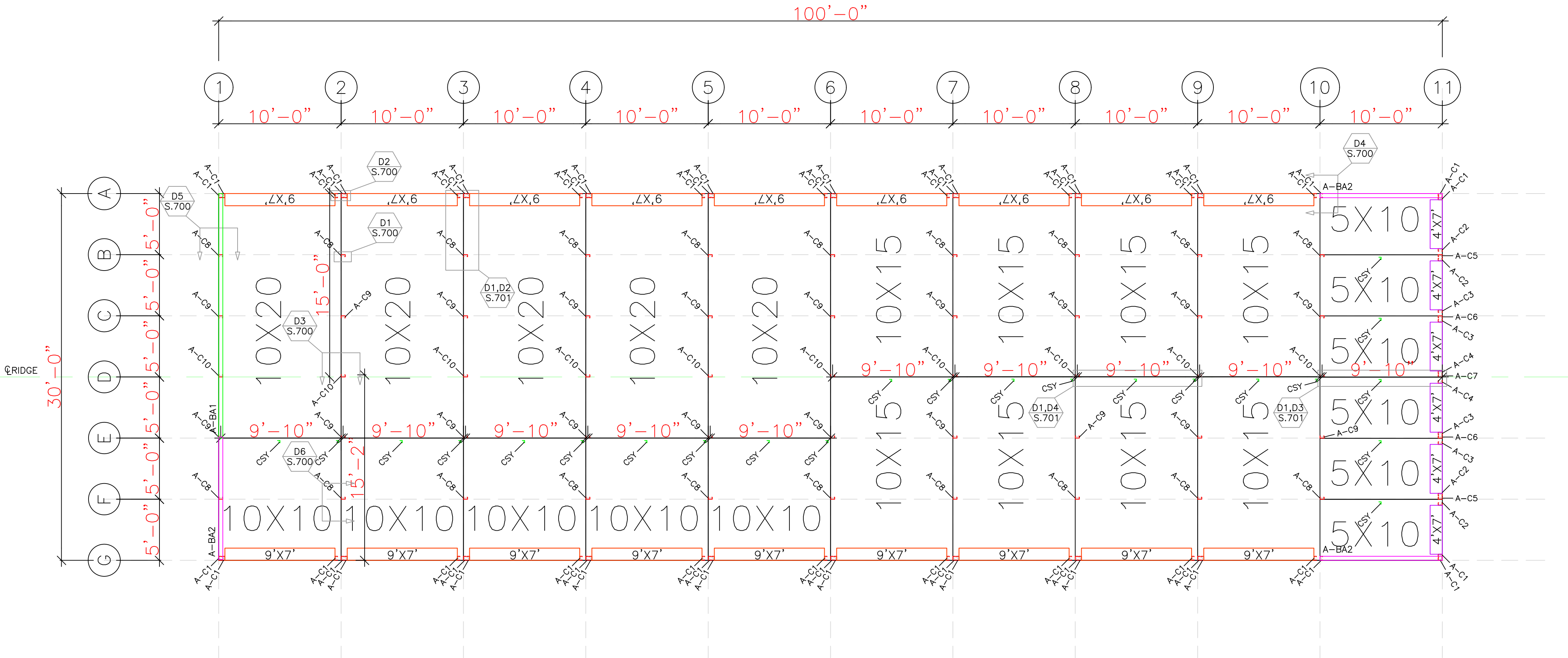
SHEET DESCRIPTION

S100

SHEET NUMBER

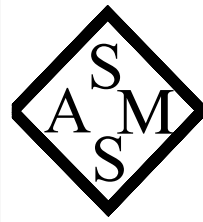
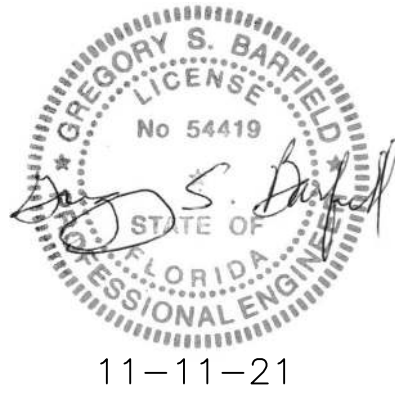
DATE	ISSUE/REVISION
##/##/20##	REVISION #

PARTS LIST			
LABEL	PART NAME	LENGTH	QTY.
A-C1	4X2.5X16GA CEE	8'-4"	60
A-C2	4X2.5X16GA CEE	8'-4.75'	4
A-C3	4X2.5X16GA CEE	8'-6"	4
A-C4	4X2.5X16GA CEE	8'-7.25'	2
A-C5	4X2X16GA CEE	8'-4.75'	2
A-C6	4X2X16GA CEE	8'-6"	2
A-C7	4X2X16GA CEE	8'-7.25'	1
A-C8	4X2X16GA CEE	8'-3.25'	20
A-C9	4X2X16GA CEE	8'-4.5'	20
A-C10	4X2X16GA CEE	8'-5.75'	10
4'X7'	4X7 DOOR	-	6
9'X7'	9X7 RDLLUP DOOR	-	18
CSY	CSY	PARTITION HEIGHT	23
A-BA1	BASE ANGLE (A-BA1) - 4X2	20'-0"	1
A-BA2	BASE ANGLE (A-BA2) - 4X2	10'-0"	3



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SCALE: ##"=#'

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DRAWN BY E. EVORS

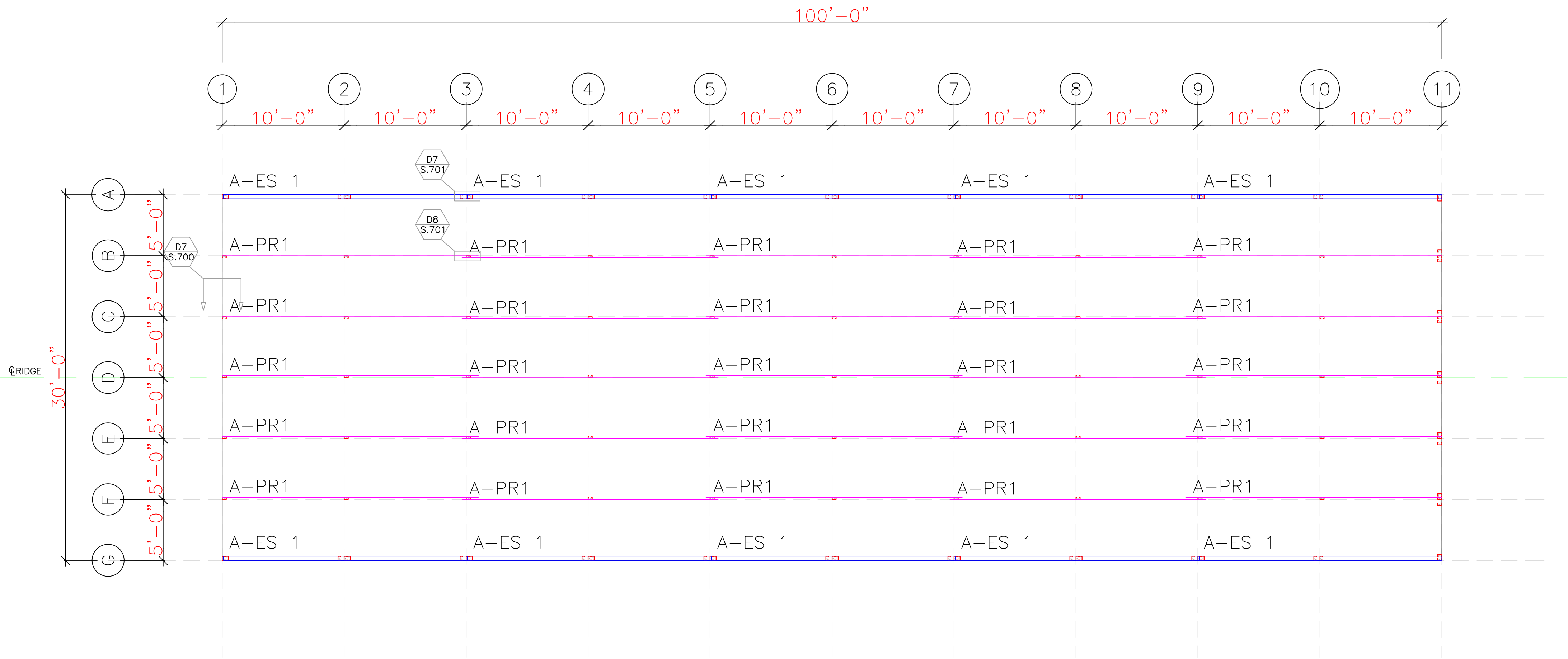
CHECKED BY K. WEAVER

COLUMN LAYOUT
SHEET DESCRIPTION

S200
SHEET NUMBER

DATE	ISSUE/REVISION
##/##/20##	REVISION #

PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
A-ES 1	EAVE STRUT (A-ES 1) - 4X2X16GA	20'-0"	10
A-PR1	PURLIN (A-PR 1) - 4X2X16GA ZEE	21'-0"	25



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ROOF FRAMING
SHEET DESCRIPTION

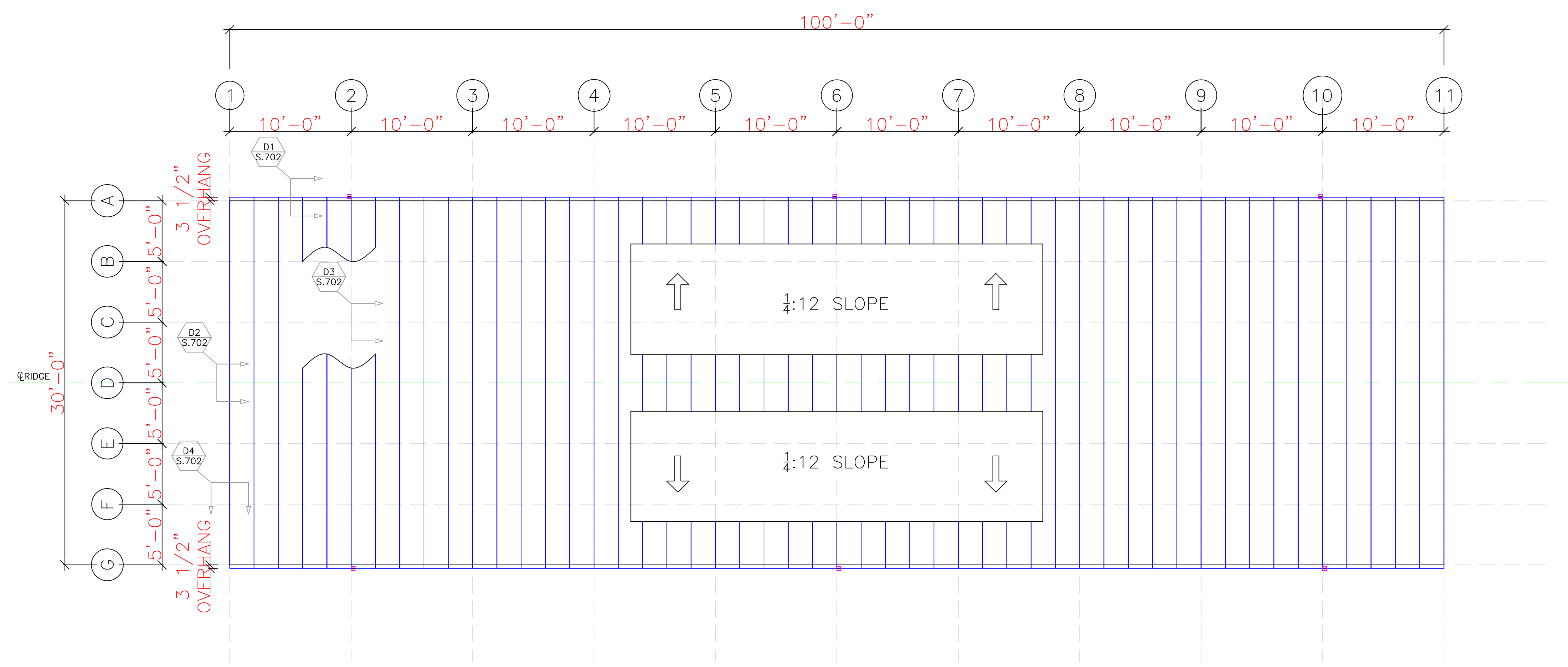
11-11-21

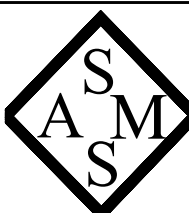
S300
SHEET NUMBER

DATE	ISSUE/REVISION
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PARTS LIST		
LABEL	PART COUNT	QTY.
4x4	4X4 DOWNSPOUT	6

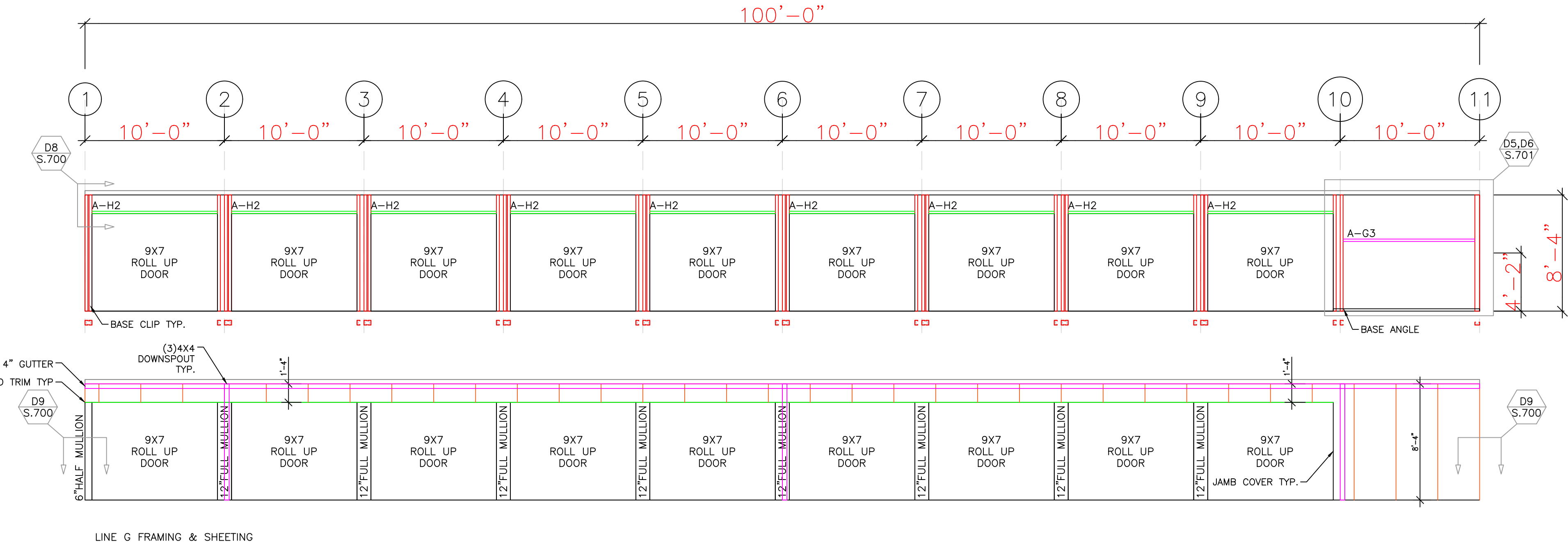
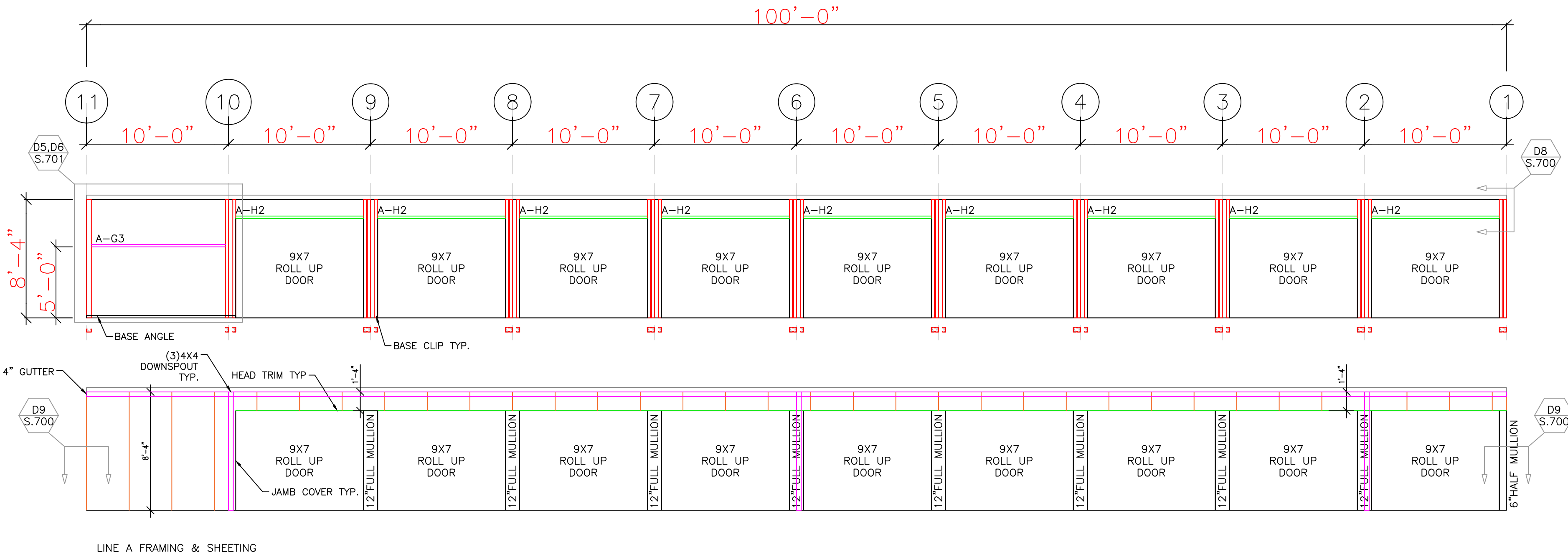
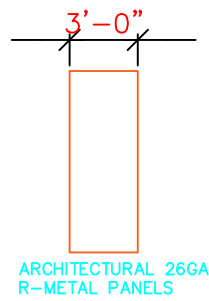
NOTES:
1. 24GA GALVALUME STANDING SEAM ROOF PANELS



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		PROJECT NO. J21-498	
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		DRAWN BY E. EVORS	
		CHECKED BY K. WEAVER	
		ROOF SHEETING	
SHEET DESCRIPTION		SHEET NUMBER	

DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
A-G3	GIRT (A-G 3) - 4X2X16GA	9'-4.5'	2
A-H2	HEADER (A-H 2) - 4X2X16GA	8'-11	18



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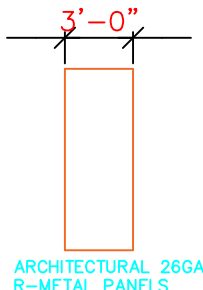
PROJECT NO. J21-498
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CHECKED BY K. WEAVER

SIDEWALL FRAMING
SHEET DESCRIPTION AND SHEETING

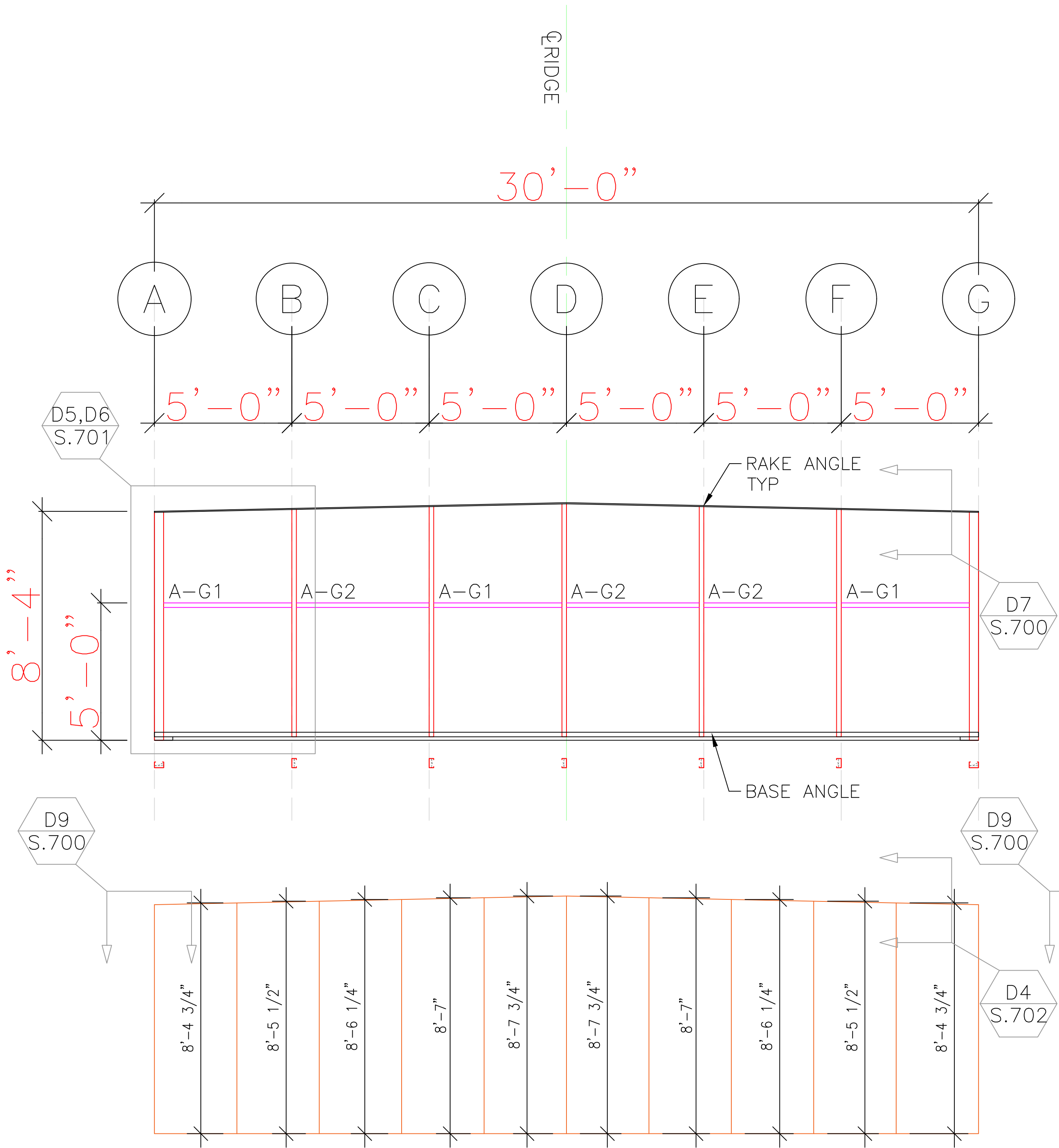
S500
SHEET NUMBER

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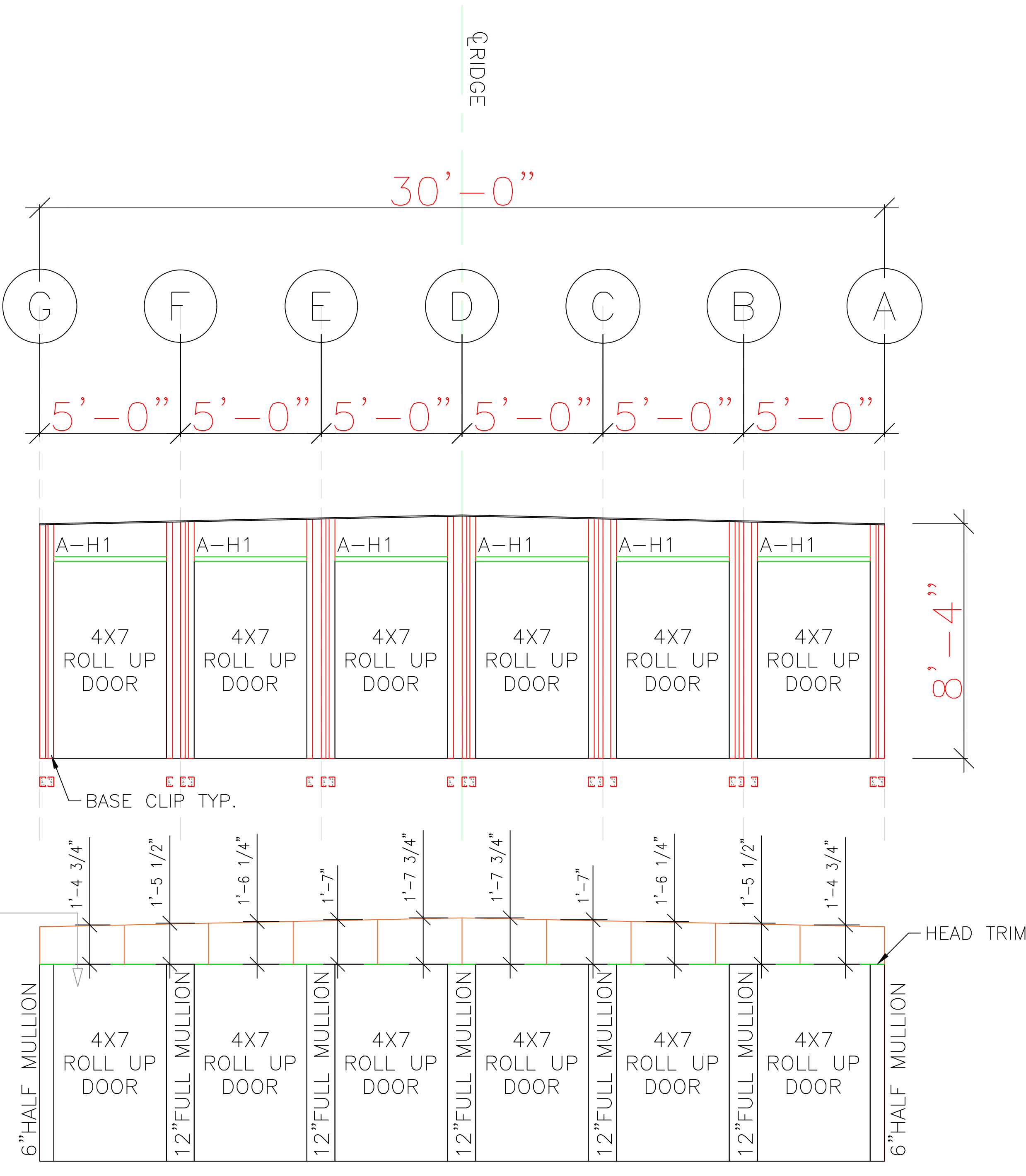
PARTS LIST			
LABEL	PART NAME	LENGTH	QTY.
A-G1	GIRT (A-G 1) - 4X2X16GA	4'-7"	3
A-G2	GIRT (A-G 2) - 4X2X16GA	4'-9"	3
A-H1	HEADER (A-H 1) - 4X2X16GA	3'-11"	6



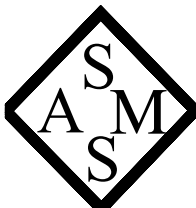
ARCHITECTURAL 26GA
R-METAL PANELS

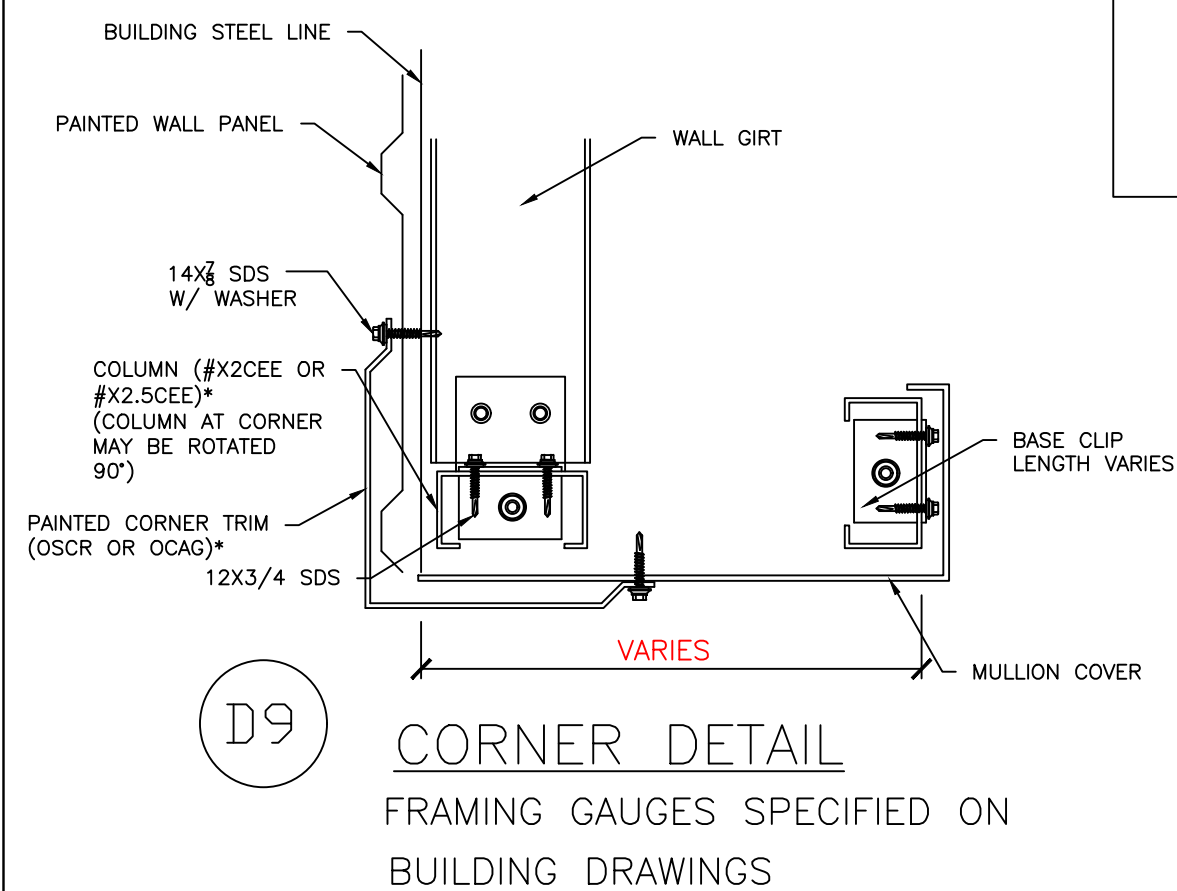
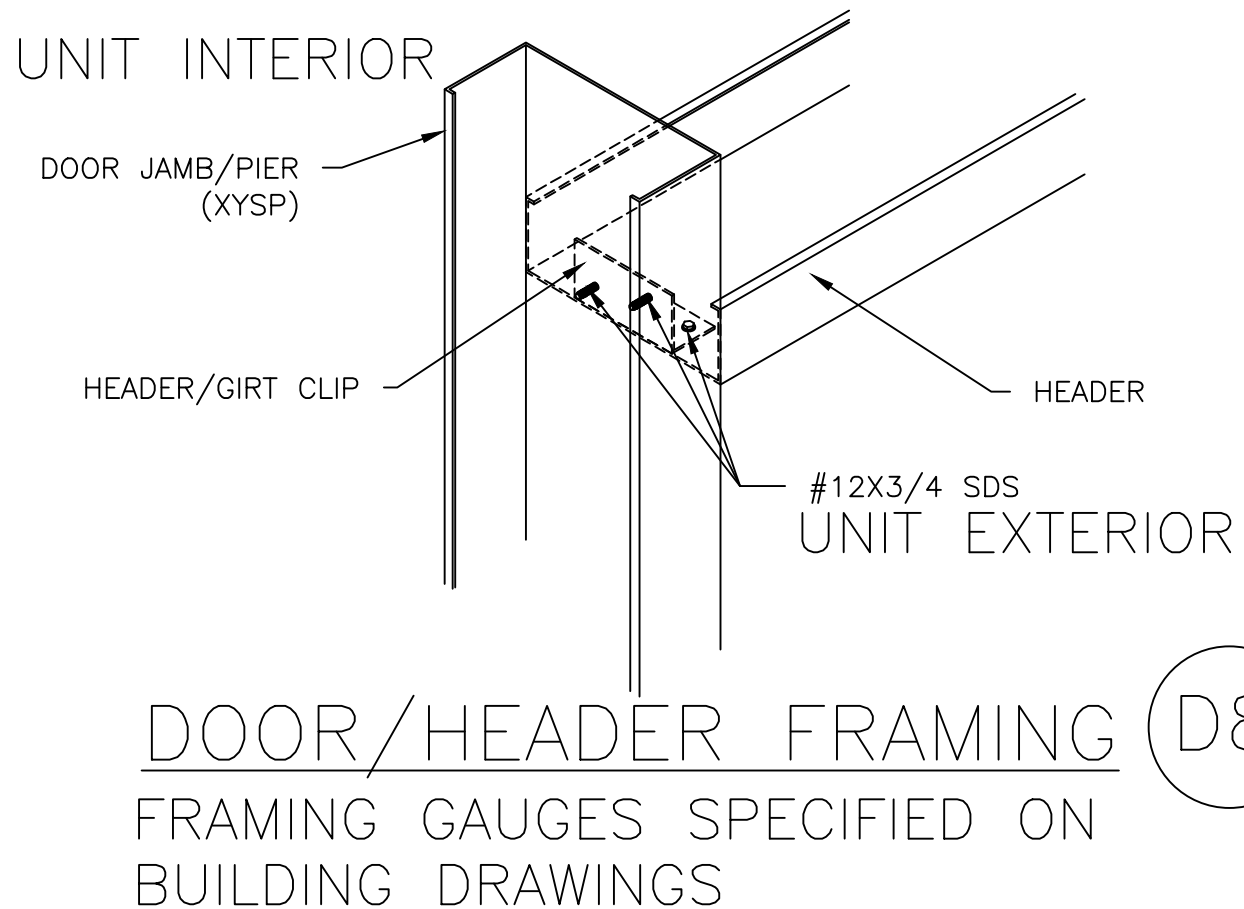
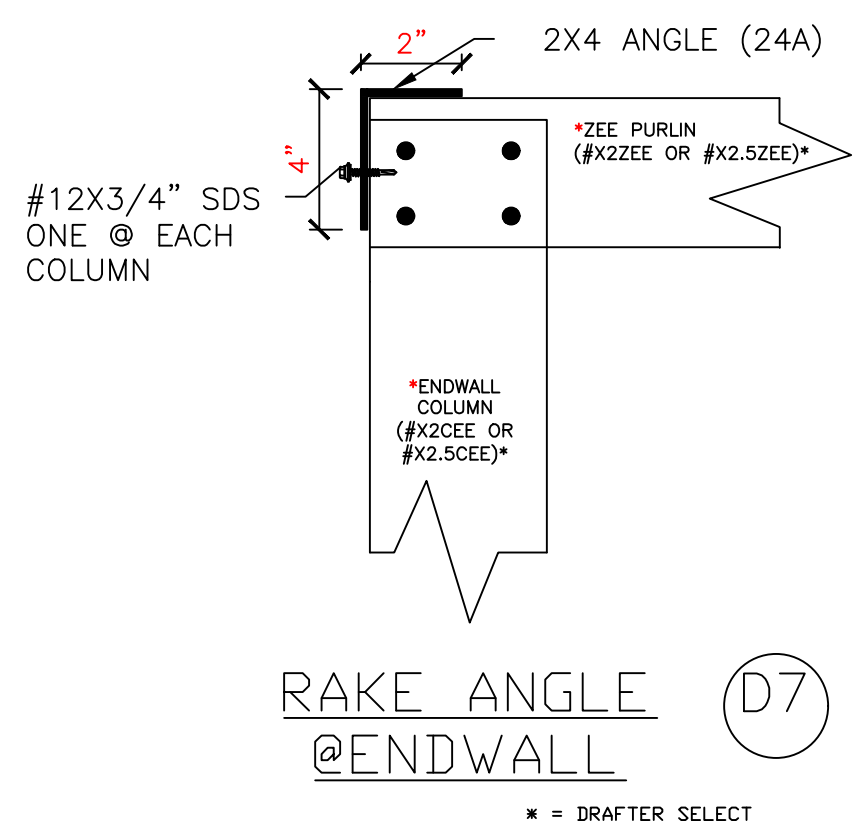
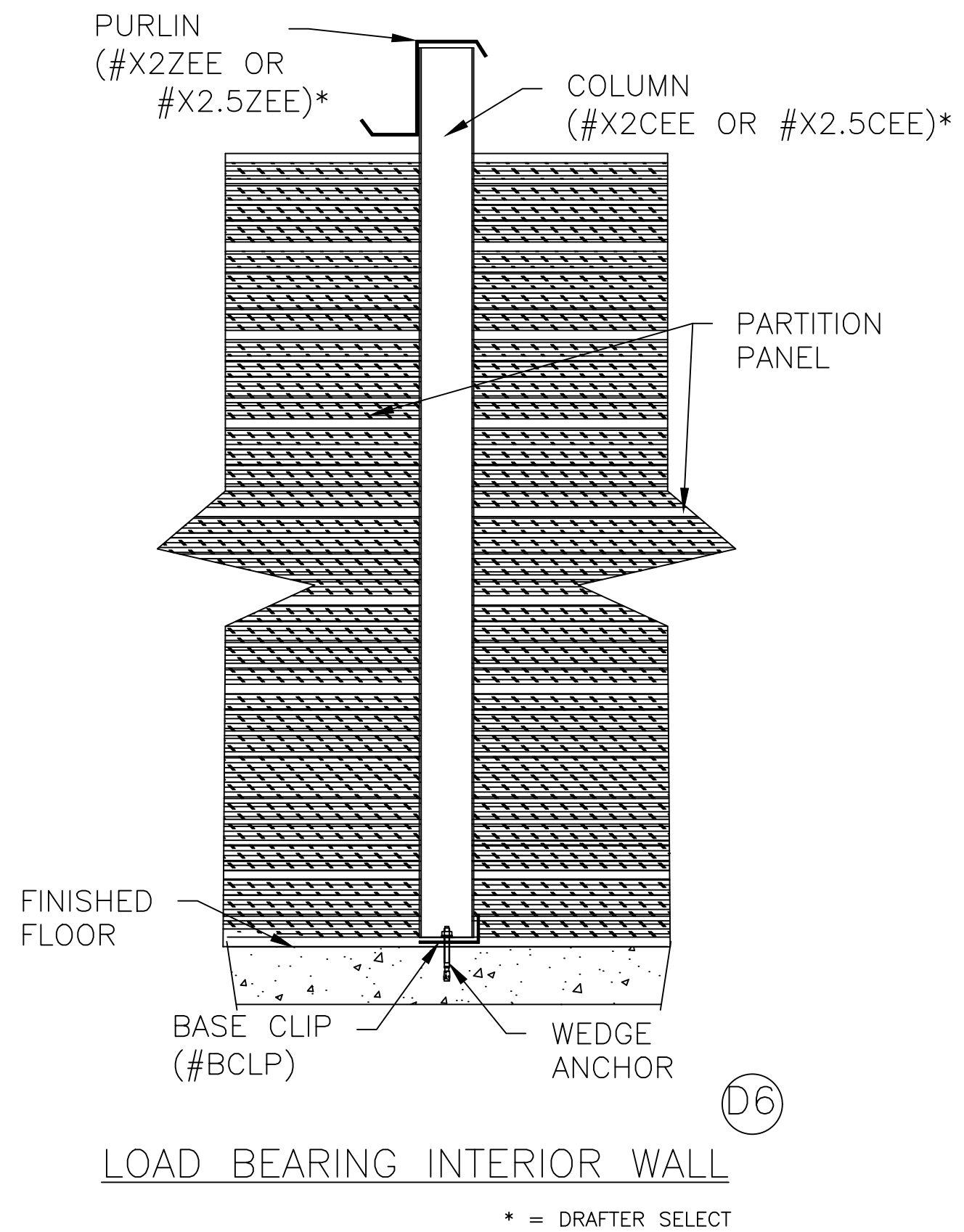
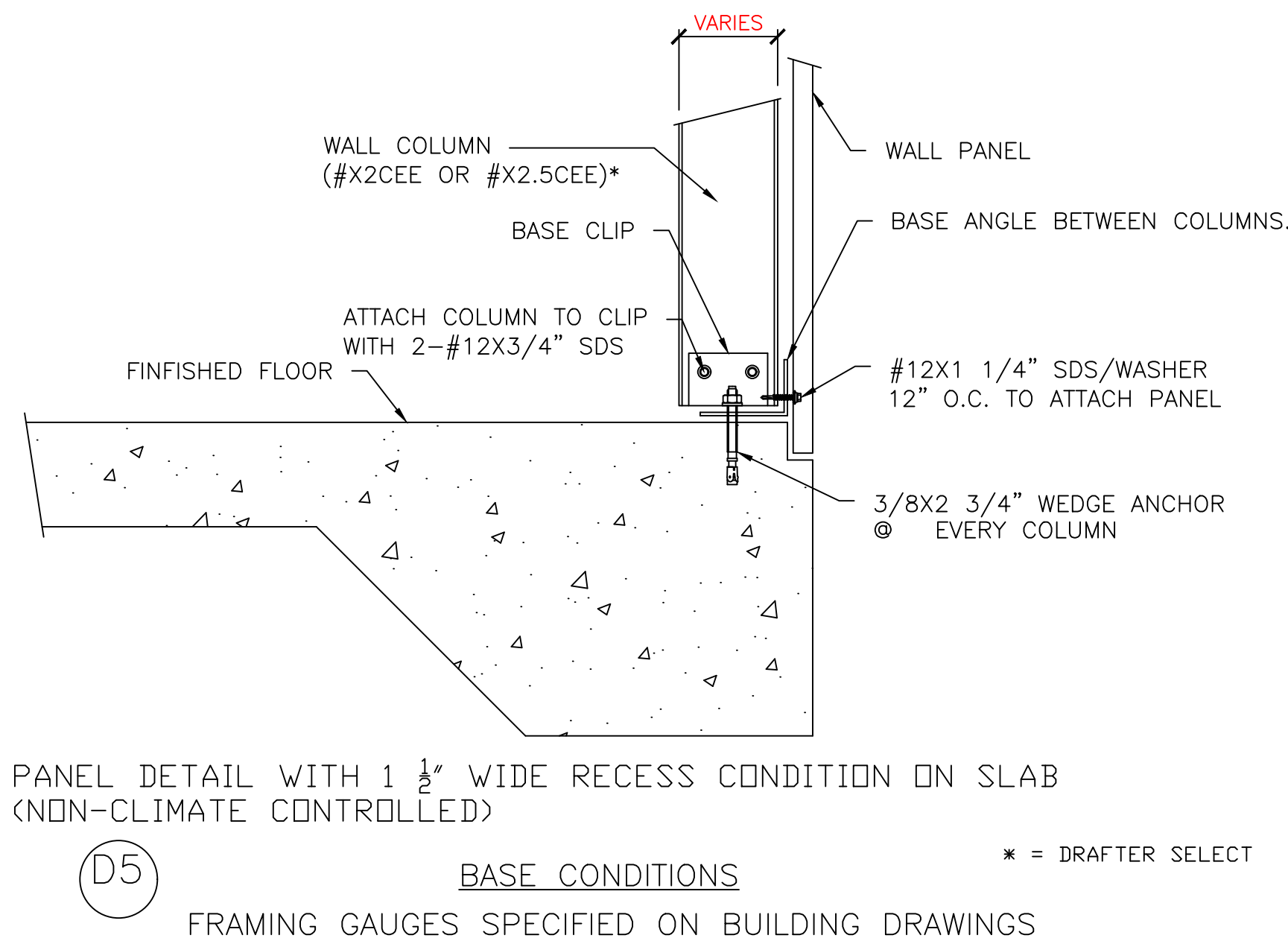
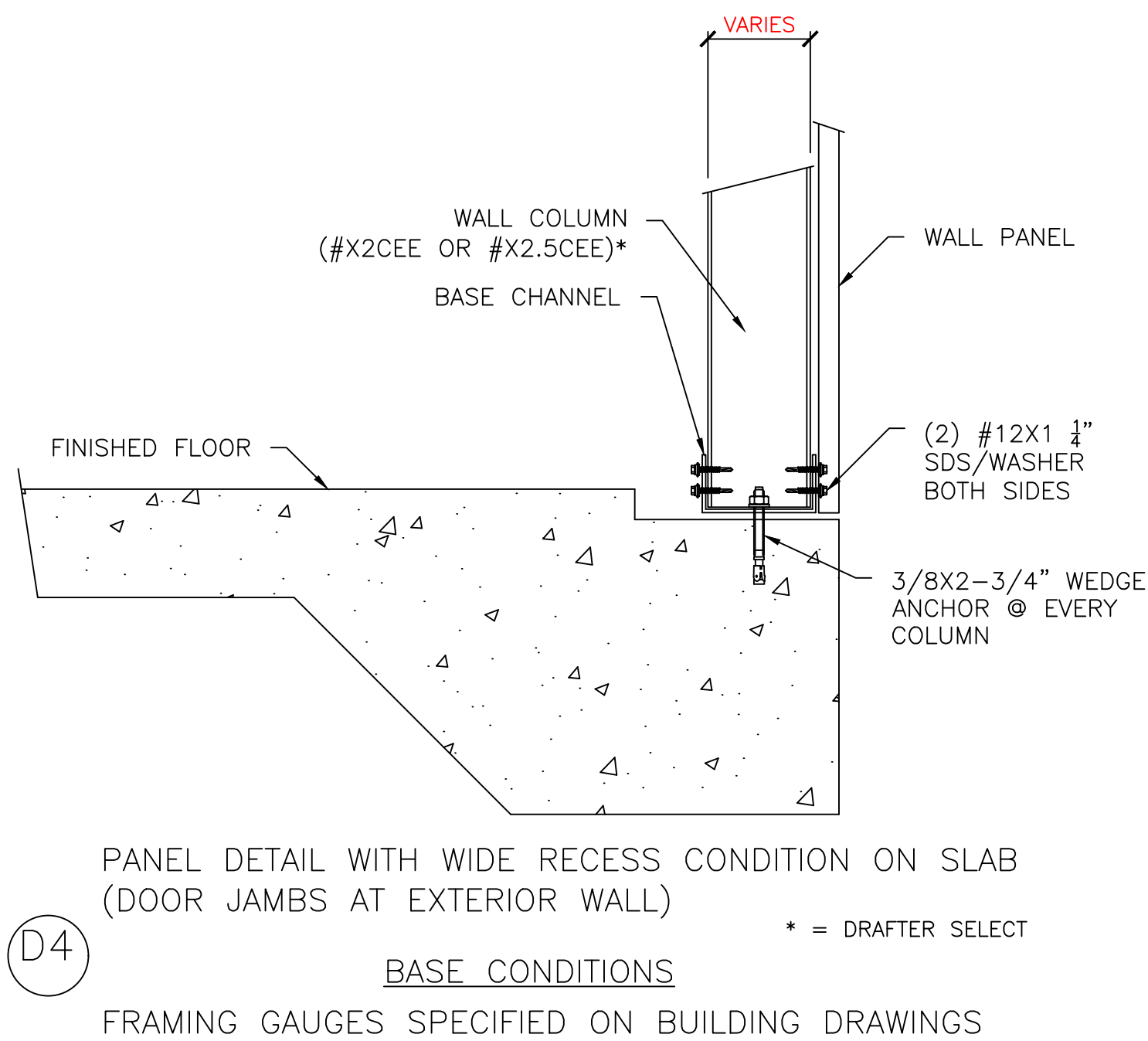
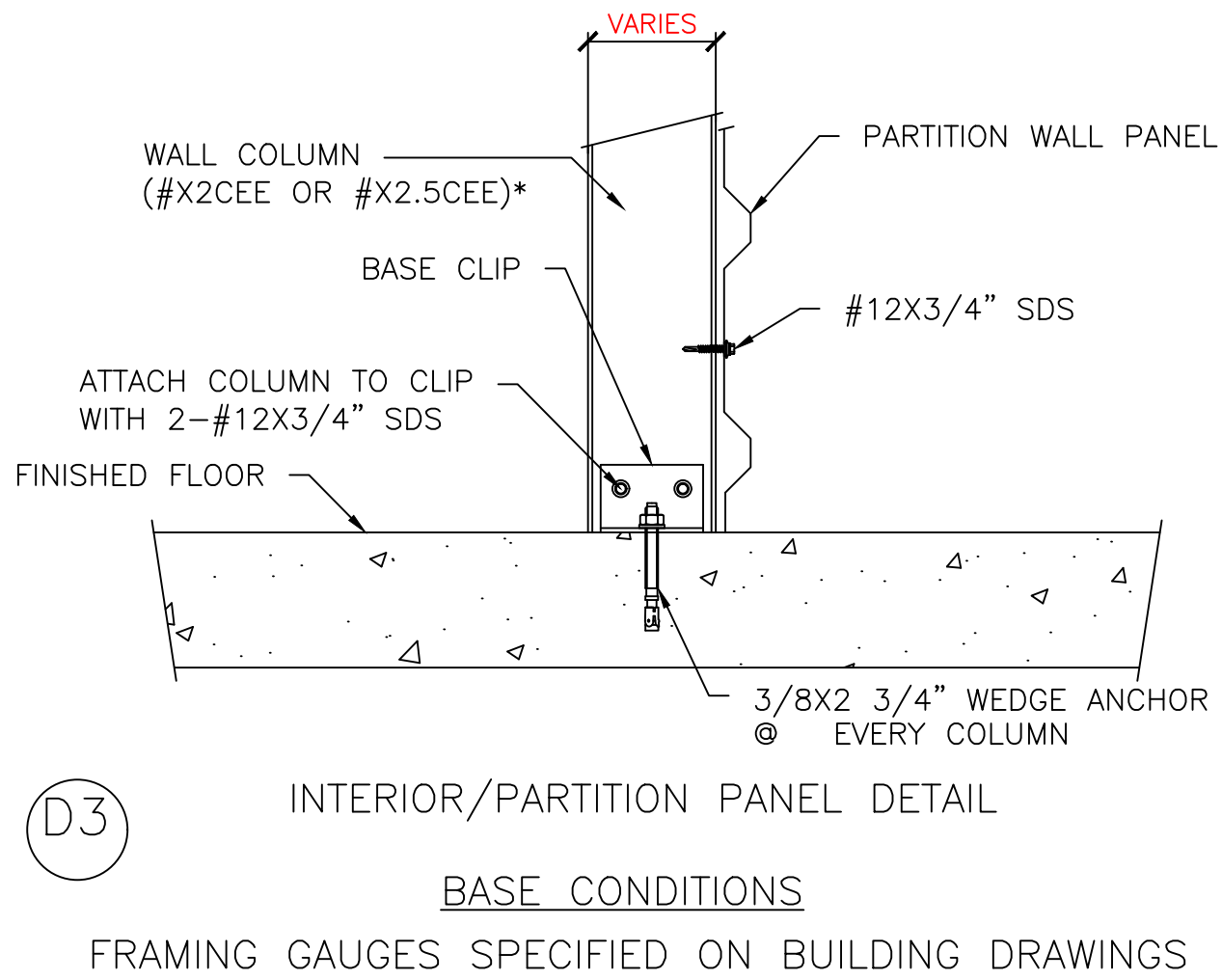
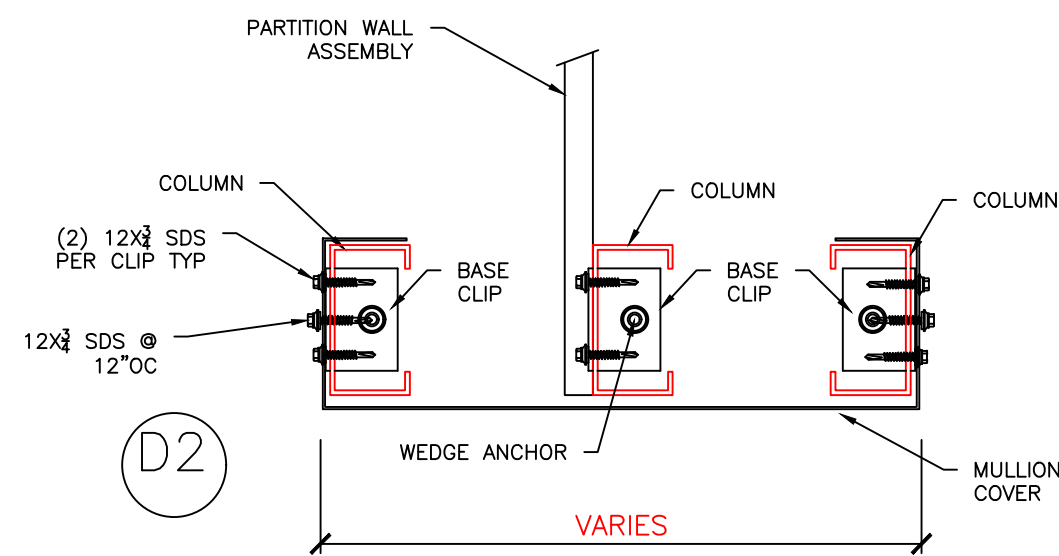
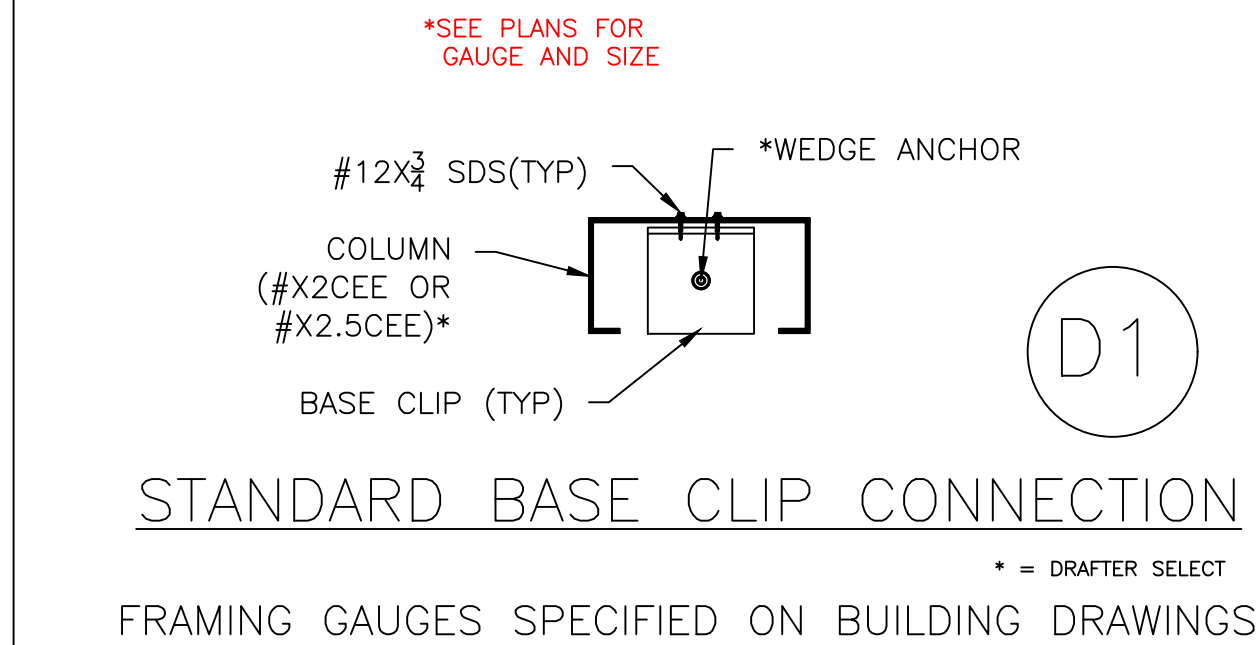


LINE 1 FRAMING & SHEETING

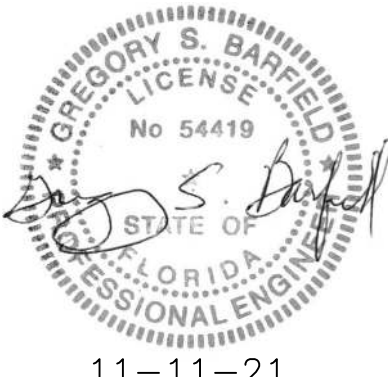
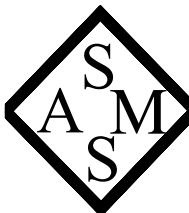


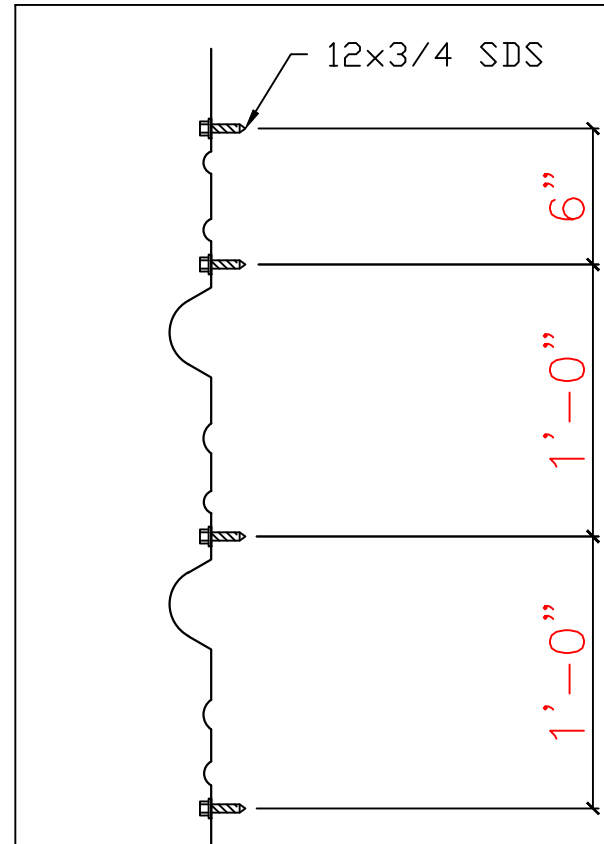
LINE 11 FRAMING & SHEETING

LICENSED ENGINEER Gregory S. Barfield 2149 Nell Purvis RD. Adel, GA 31620 LICENSE NO.: 54419	 11-11-21
 STEEL & METAL SYSTEMS, INC. 505 MAIN ST. BLACKSHEAR, GA 31516 www.steelandmetalsystems.com 888-820-0309	BUILDING CODES: CODE: FBC2020 WIND LOAD: 118 MPH LIVE LOAD: 20 PSF
CHUCK STRINGHAM FLORIDA EXPANSION BUILDING A 1143 LAKE JEFFREY RD LAKE CITY, FL 32055	SCALE: ##"=#' PROJECT NO. J21-498 DATE 10/13/2021 DRAWN BY E. EVORS CHECKED BY K. WEAVER
ENDWALL FRAMING SHEET DESCRIPTION AND SHEETING	S600 SHEET NUMBER



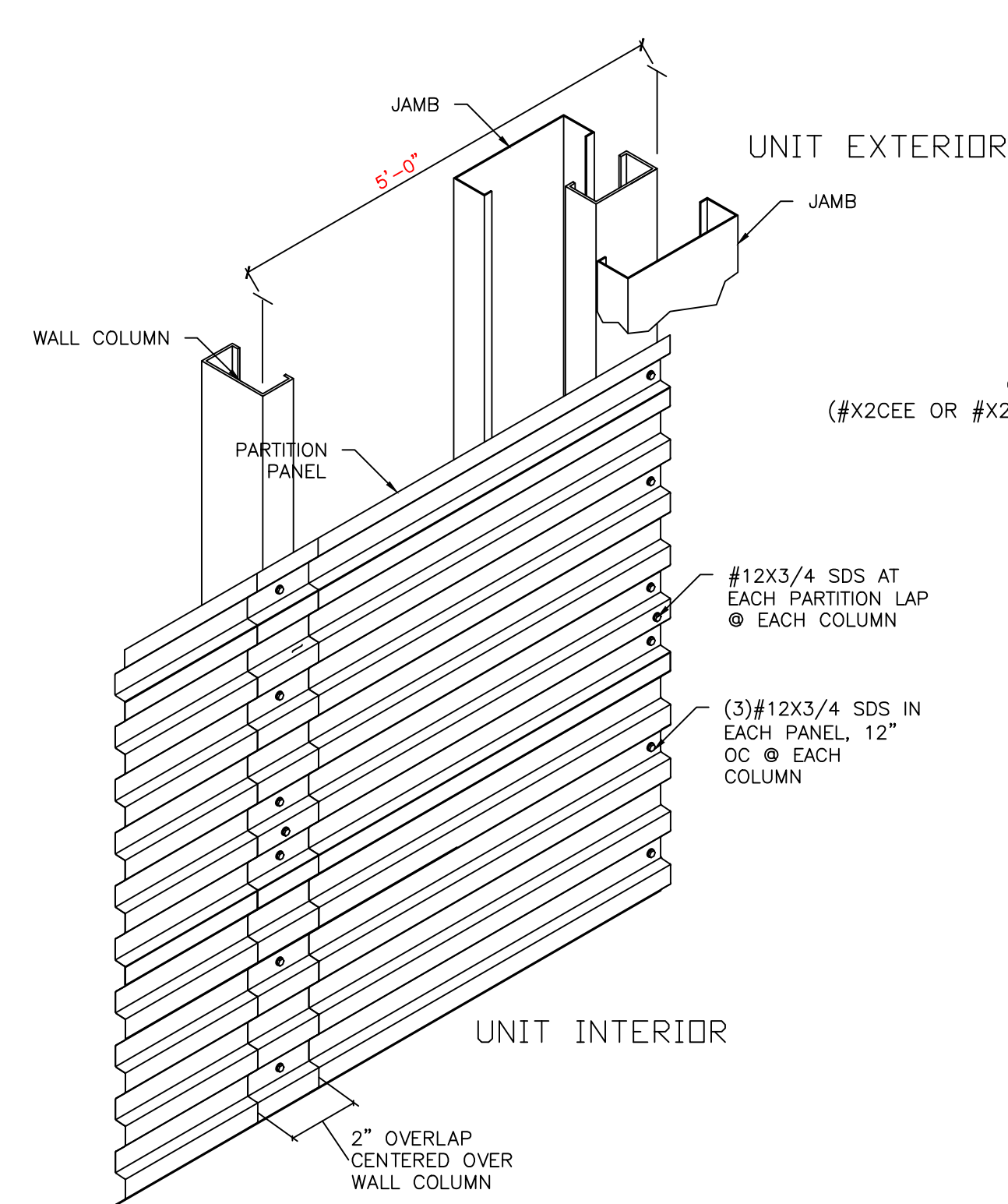
DATE	ISSUE/REVISION
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	CHUCK STRINGHAM		SCALE: ##/##=#"	
	FLORIDA EXPANSION BUILDING A		PROJECT NO. J21-498	
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			DRAWN BY E. EVORS	
			CHECKED BY K. WEAVER	
	DETAILS		S700	
	SHEET DESCRIPTION		SHEET NUMBER	



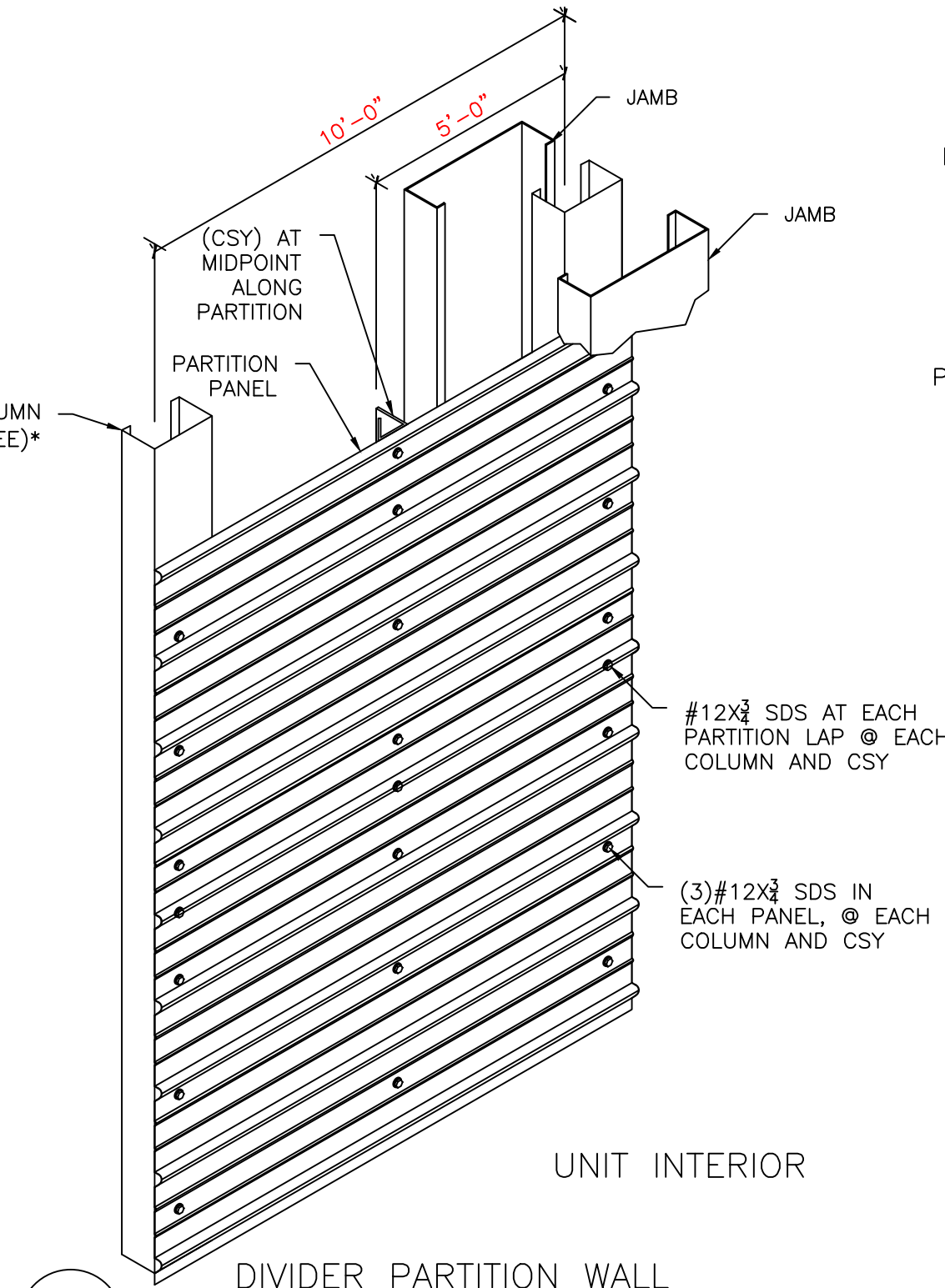
TYP. PARTITION FASTENER PATTERN
PARTITION FASTENER PATTERN FOR TYPICAL INTERIOR
SUPPORT CONNECTION

D1



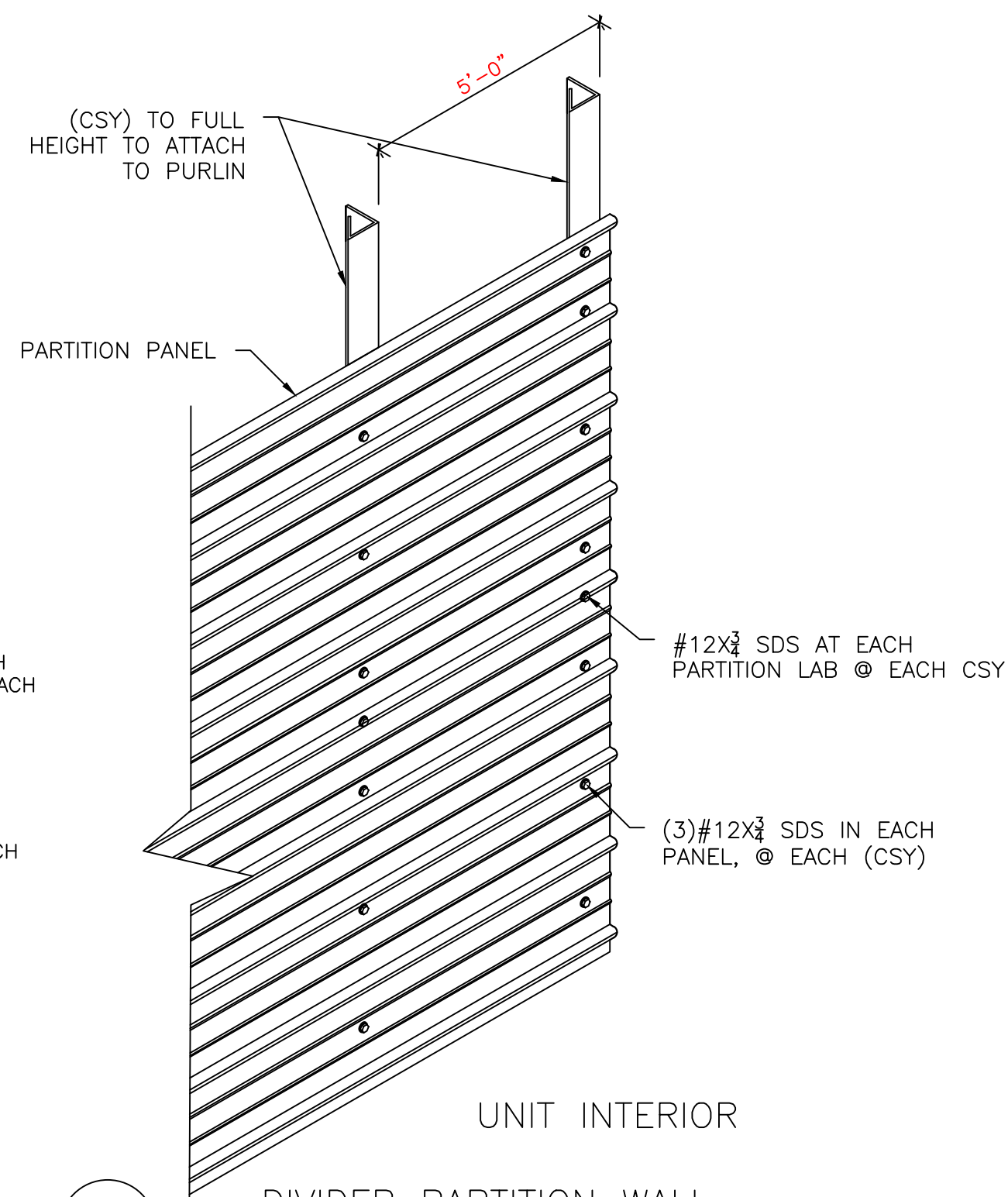
PARTITION WALL FRAMING @ EXTERIOR DOOR DETAIL
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

D2



DIVIDER PARTITION WALL
FRAMING DETAIL CONDITION 1
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

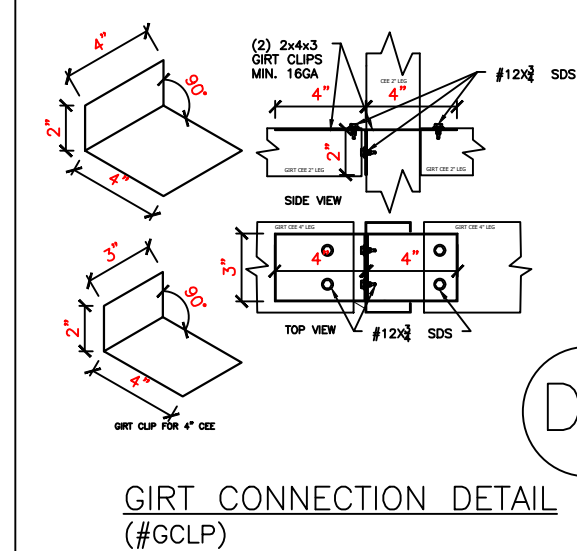
D3



DIVIDER PARTITION WALL
FRAMING DETAIL CONDITION 2
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

D4

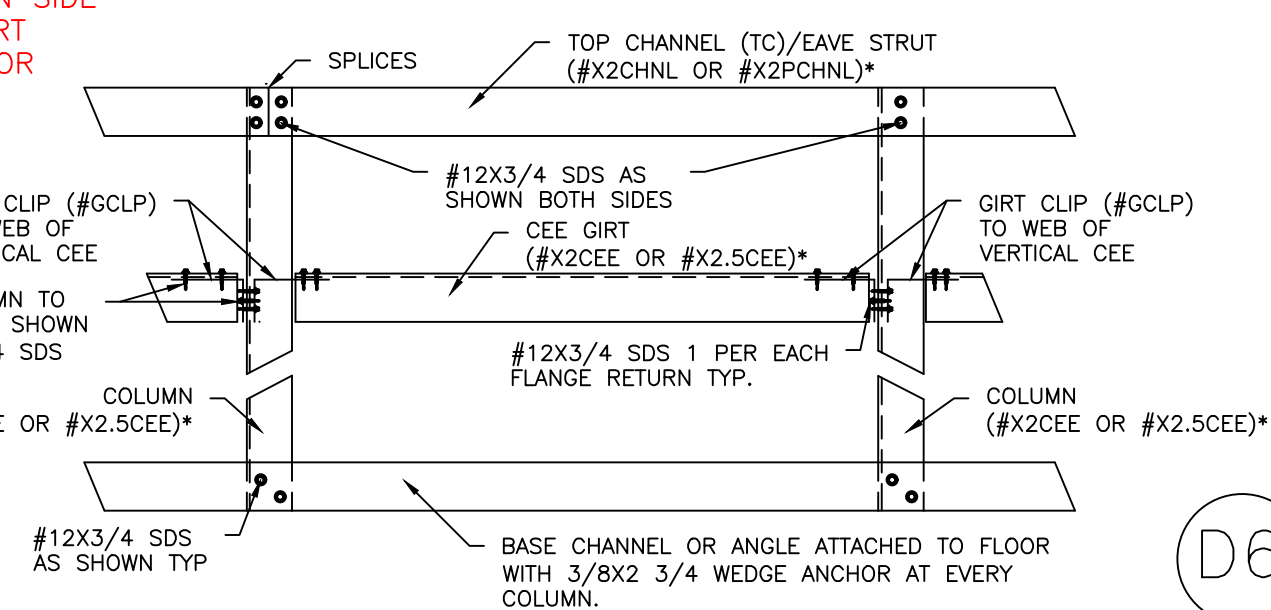
* = DRAFTER SELECT



GIRT CONNECTION DETAIL
(#GCLP)

D5

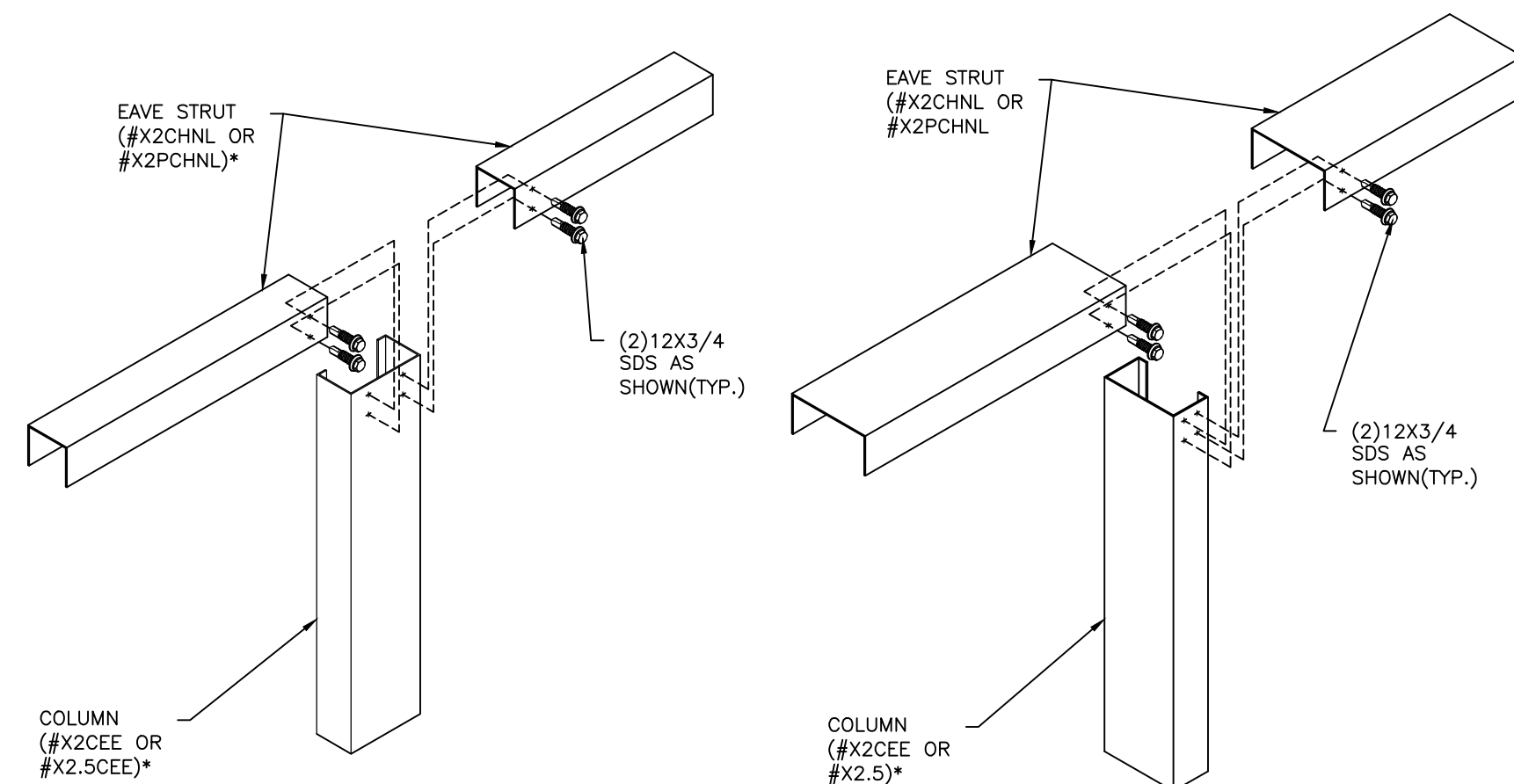
NOTE: OPEN SIDE
OF CEE GIRT
FACES FLOOR



SIDEWALL FRAMING AND ENDWALL CONDITION

FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS * = DRAFTER SELECT

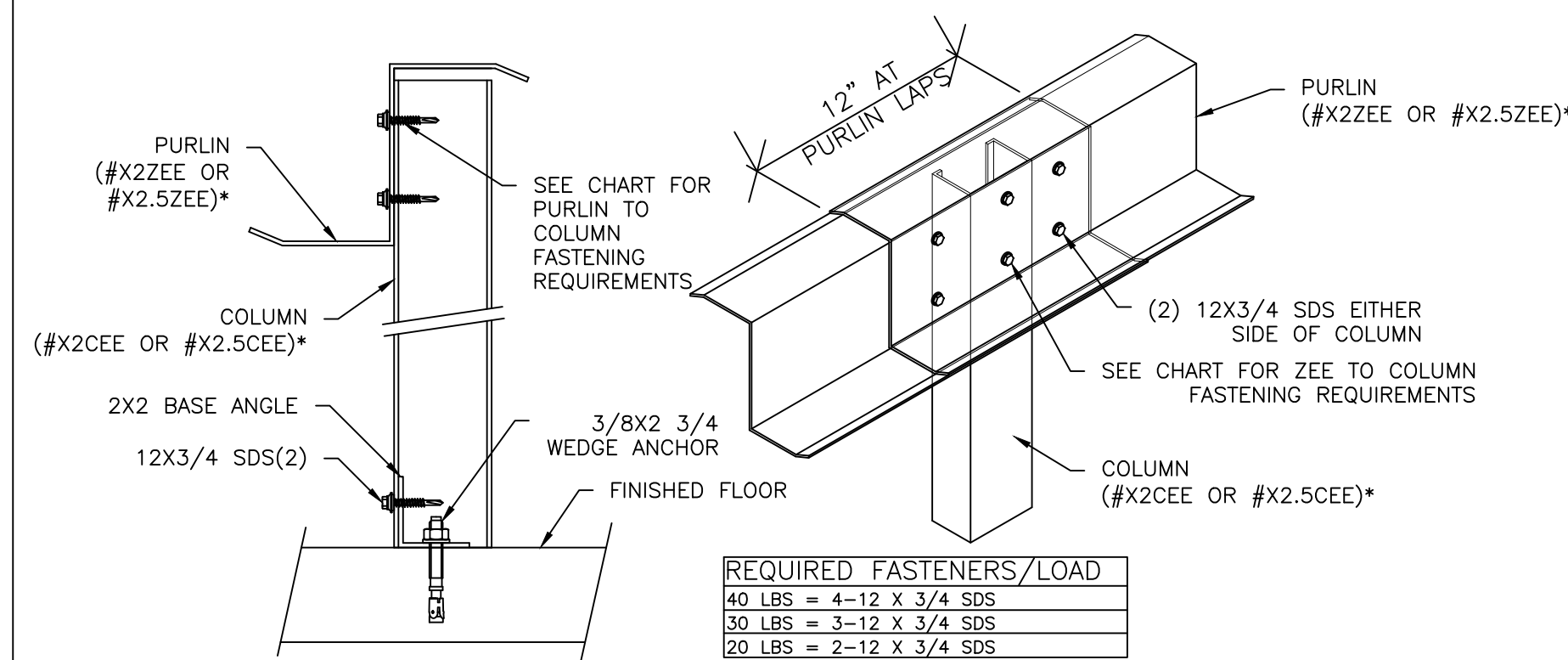
D6



EAVE STRUT END CONNECTION
NTS

* = DRAFTER SELECT

D7



COLUMN FRAMING CONDITION
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

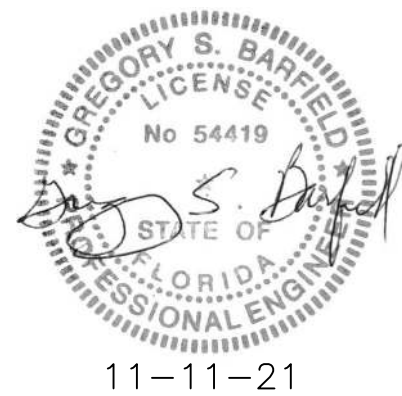
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D8

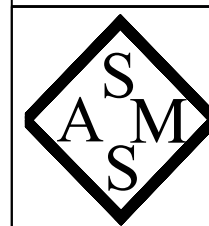
REQUIRED FASTENERS/LOAD	
40 LBS	= 4-12 X 3/4 SDS
30 LBS	= 3-12 X 3/4 SDS
20 LBS	= 2-12 X 3/4 SDS

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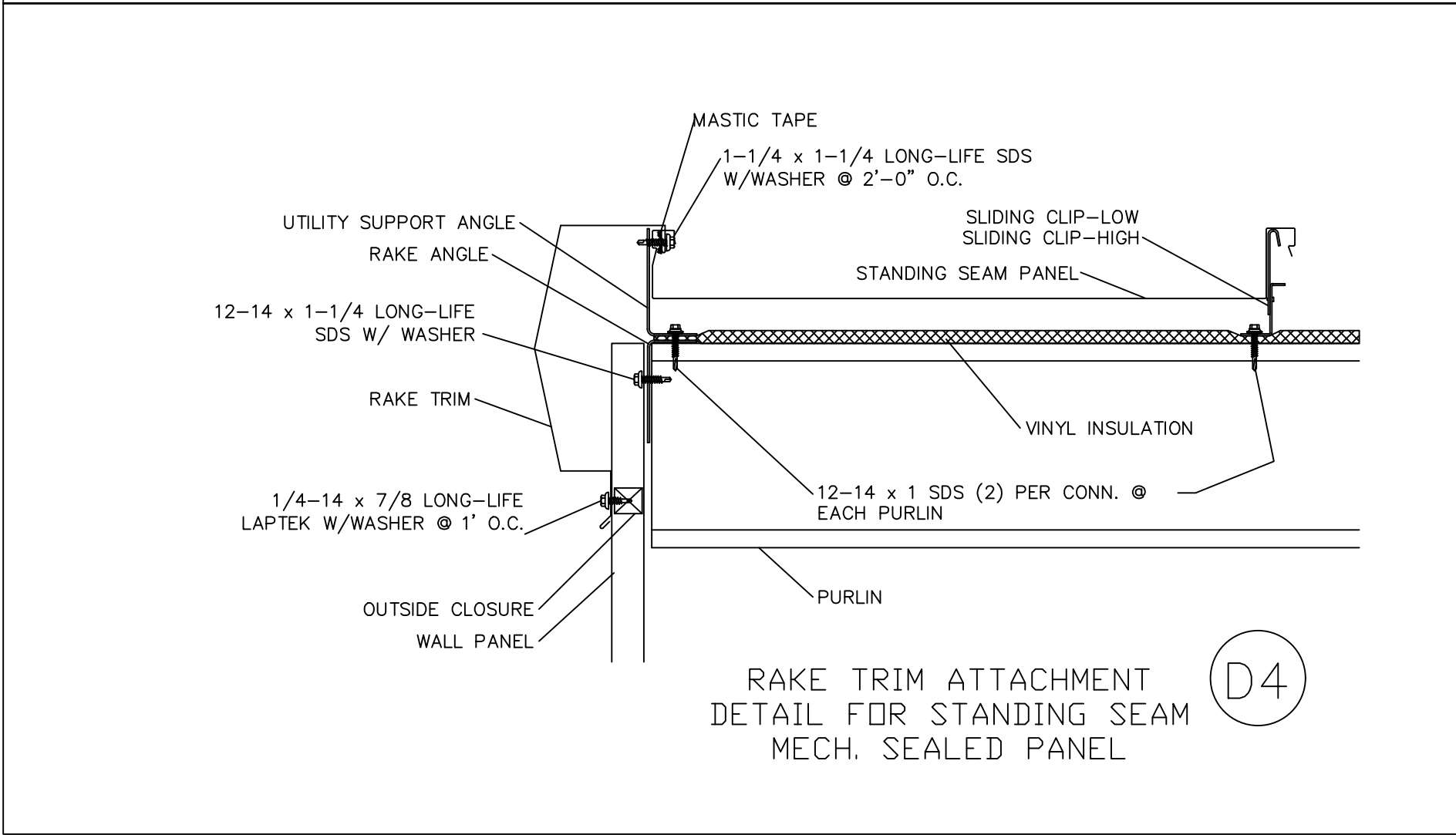
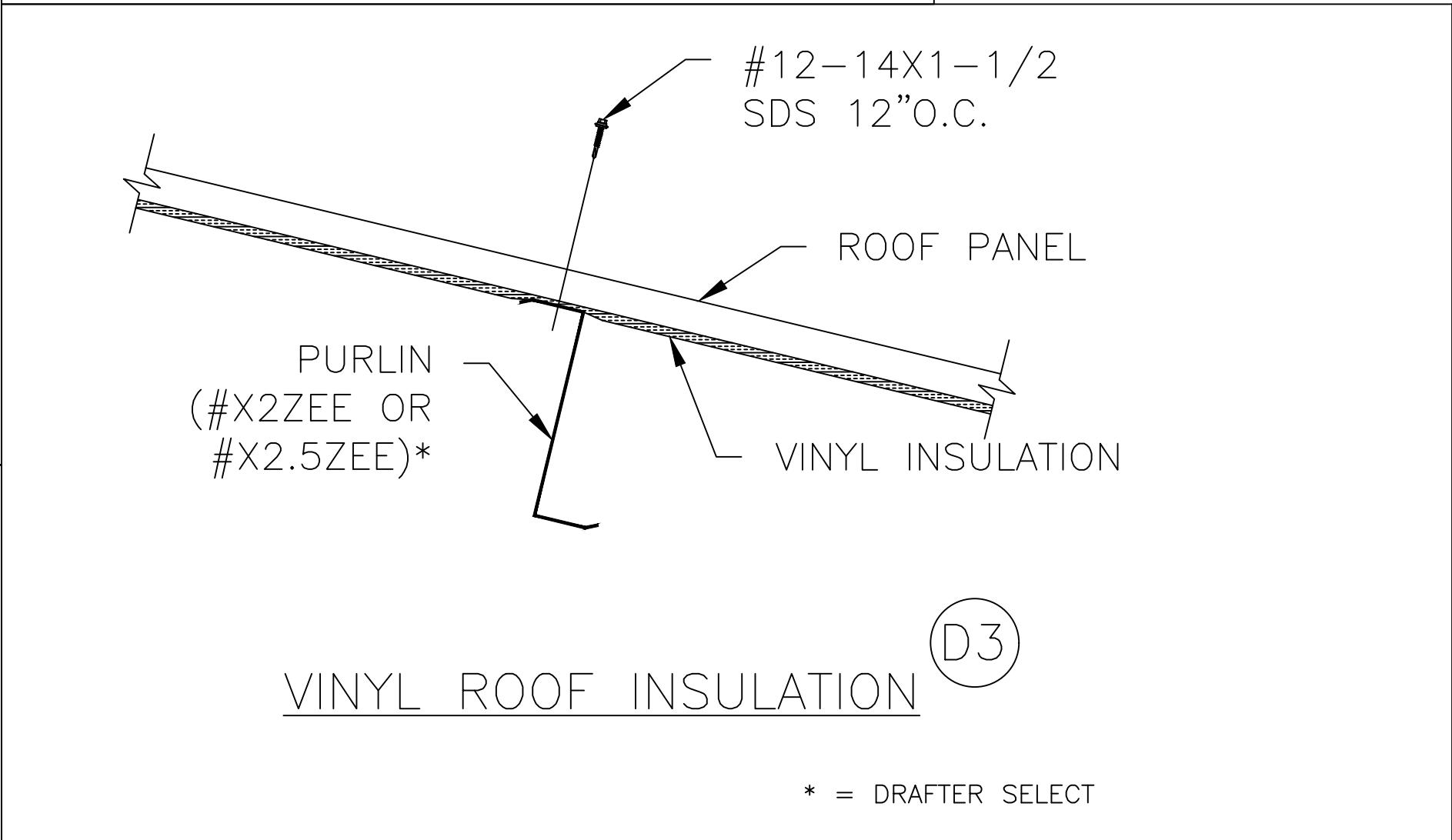
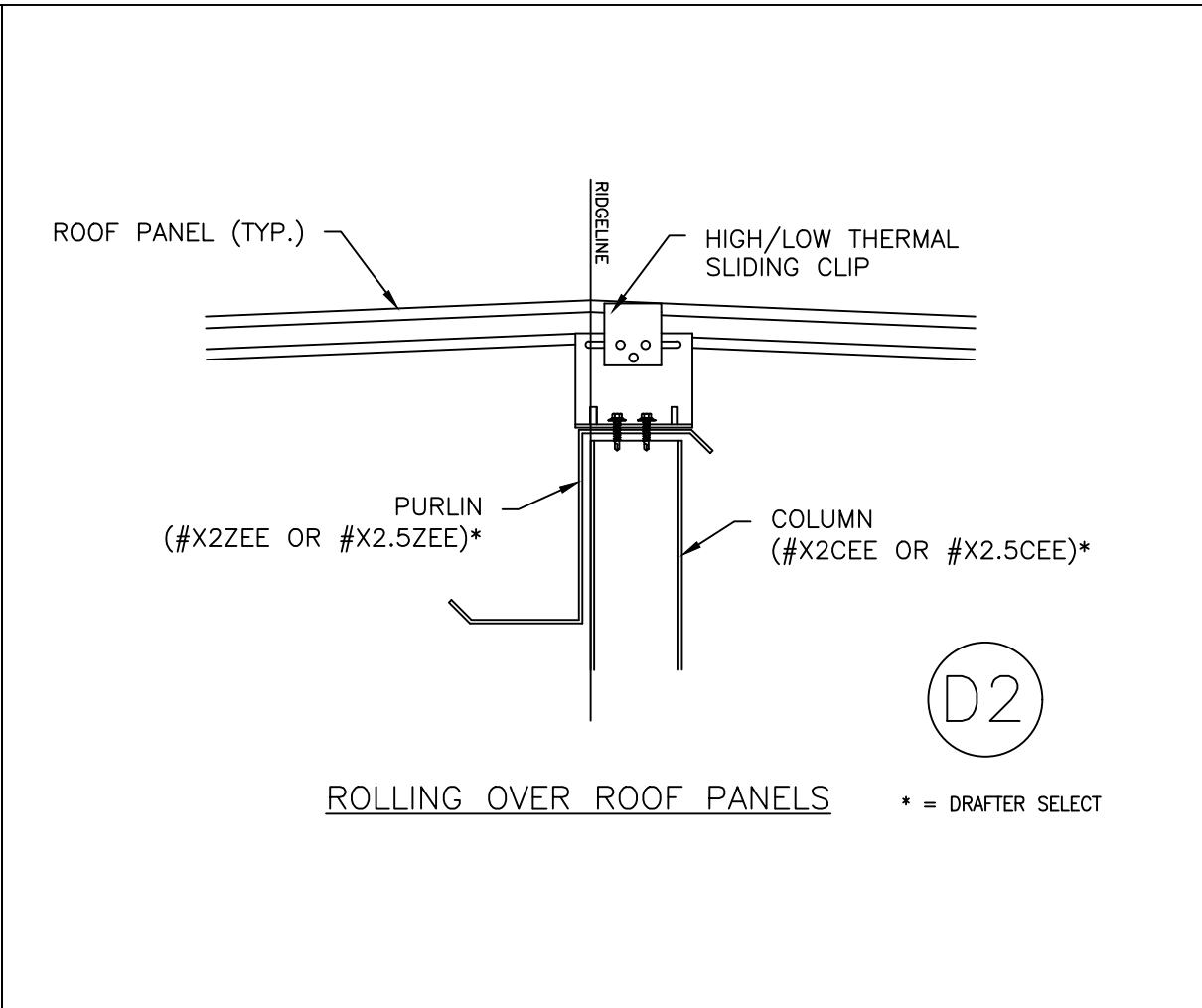
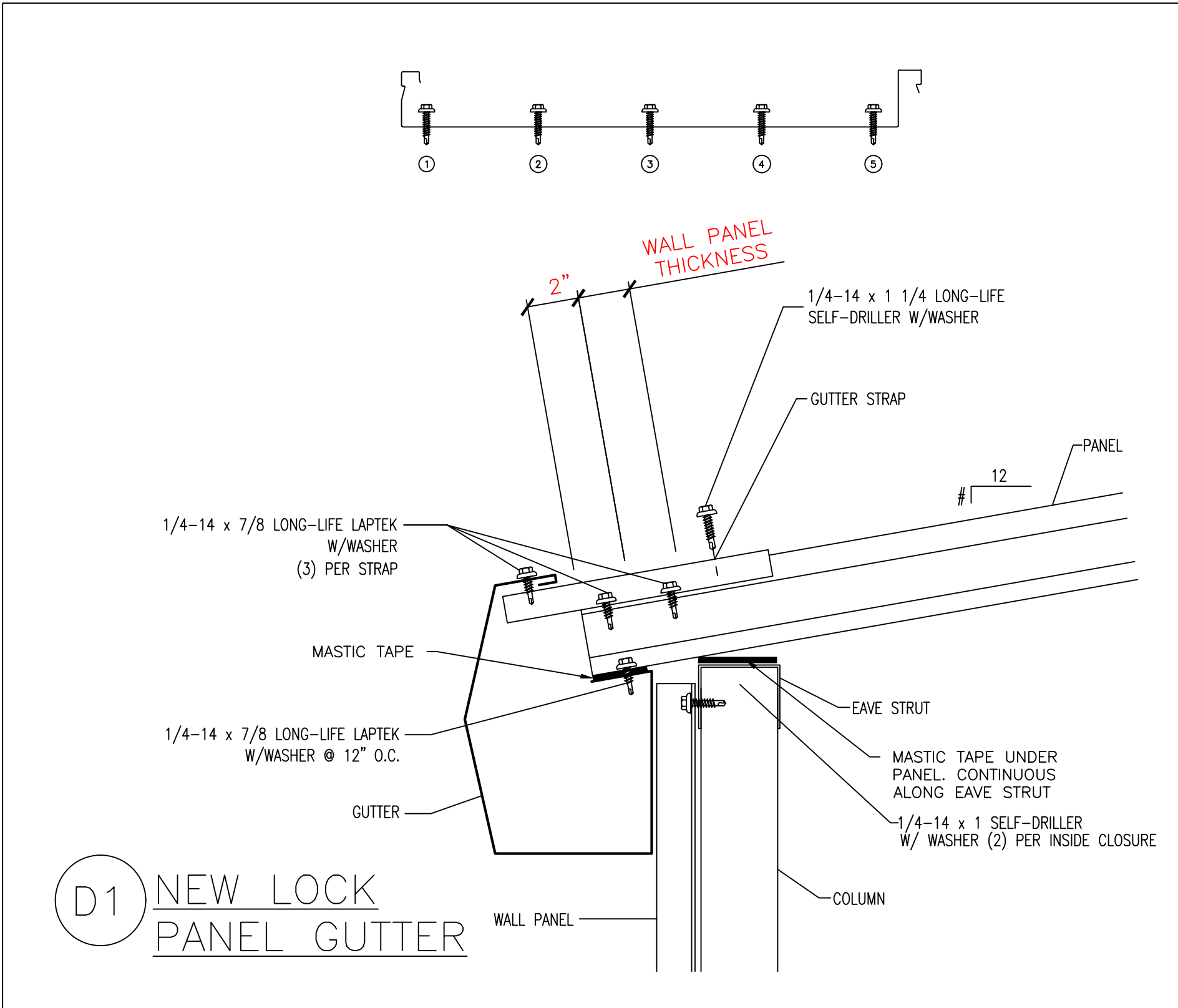
DRAWN BY E. EVORS

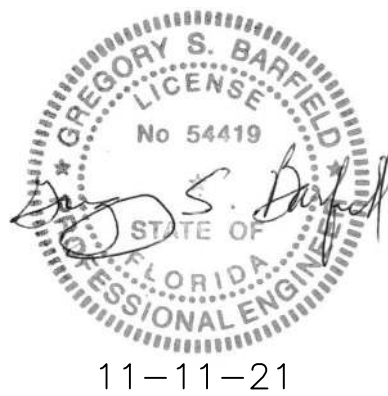
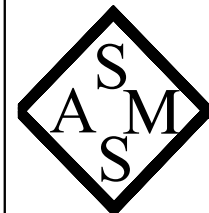
CHECKED BY K. WEAVER

DETAILS
SHEET DESCRIPTION

S701
SHEET NUMBER

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	DRAWN BY		E. EVORS	
	CHECKED BY		K. WEAVER	
	DETAILS		S702	
SHEET DESCRIPTION		SHEET NUMBER		