

PROJECT INFORMATION:
FLORIDA EXPANSION
BUILDING B

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

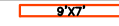
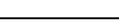
Zoning : Light Industrial

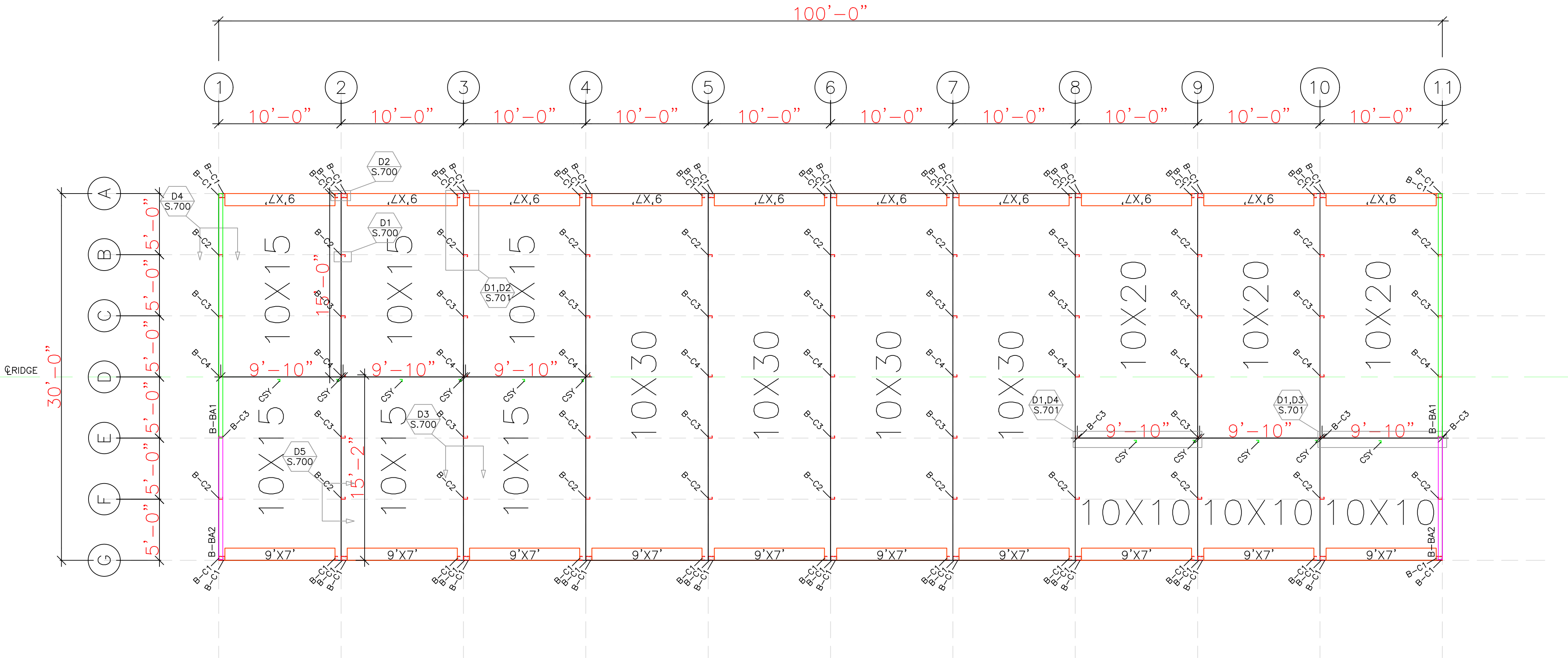
SHEET INDEX

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

DATE	ISSUE/REVISION
##/##/20##	REVISION #
Gregory S Barfield	
Digitally signed by Gregory S Barfield Date: 2021.11.11 14:48:56 -05'00'	

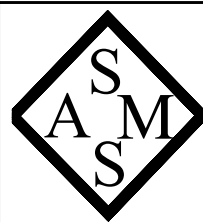
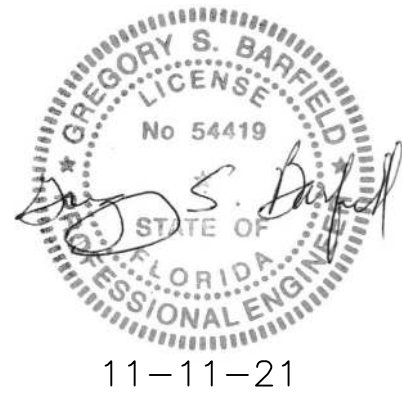
DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY.
B-C1	4X2.5X16GA CEE	8'-4"	62
B-C2	4X2X16GA CEE	8'-3.25'	22
B-C3	4X2X16GA CEE	8'-4.5'	22
B-C4	4X2X16GA CEE	8'-5.75'	11
	9X7 ROLLUP DOOR	-	20
	CSY	PARTITION HEIGHT	11
	BASE ANGLE (B-BA1) - 4X2	20'-0"	2
	BASE ANGLE (B-BA2) - 4X2	10'-0"	2



LICENSED ENGINEER
Gregory S. Barfield
2149 Nell Purvis Rd.
Adel, GA 31620

LICENSE NO.: 54419



STEEL & METAL SYSTEMS, INC.
505 MAIN ST.
BLACKSHEAR, GA 31516
www.steelandsystems.com
888-820-0309

BUILDING CODES:

CODE: FBC2020

WIND LOAD: 118 MPH

LIVE LOAD: 20 PSF

SCALE: ##"=#'

CHUCK STRINGHAM

FLORIDA EXPANSION
BUILDING B

1143 LAKE JEFFREY RD
LAKE CITY, FL 32055

PROJECT NO. J21-498

DATE 10/13/2021

DRAWN BY E. EVORS

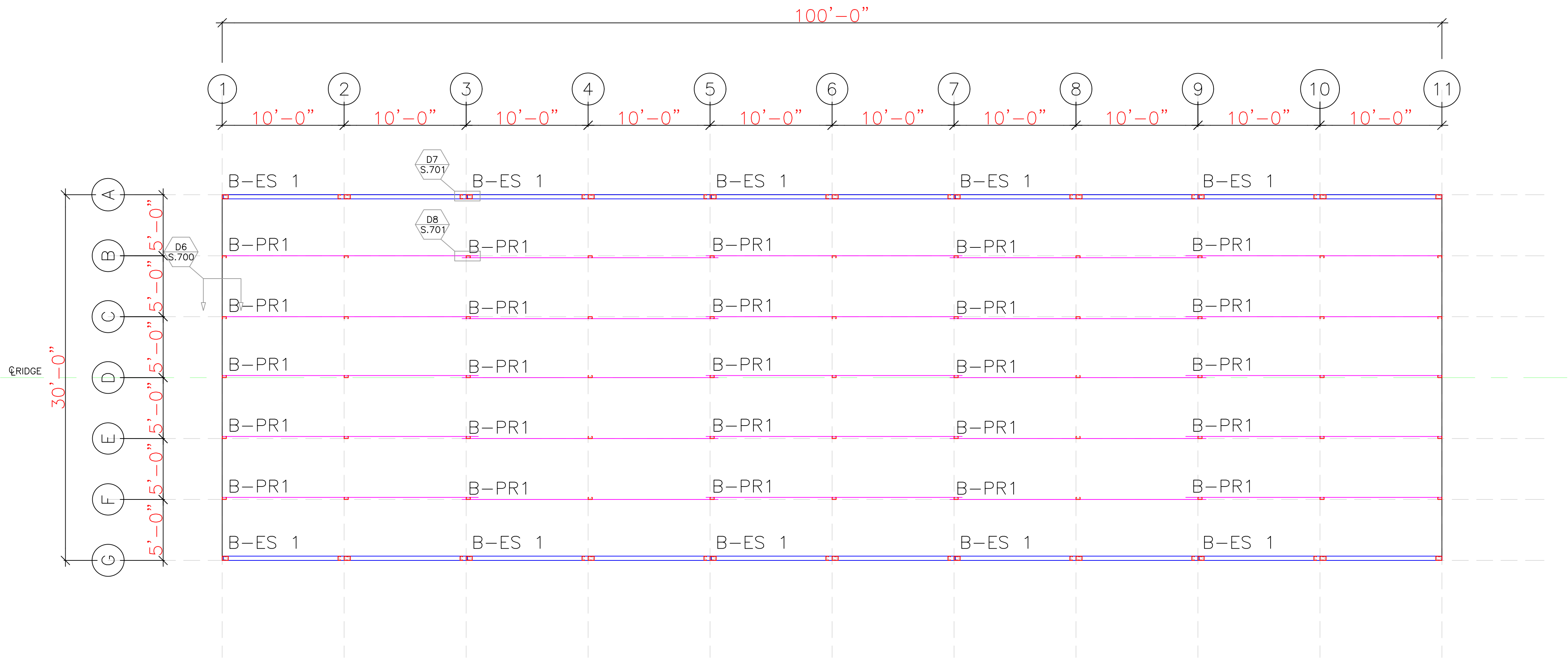
CHECKED BY K. WEAVER

COLUMN LAYOUT
SHEET DESCRIPTION

S200
SHEET NUMBER

DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
B-ES 1	EAVE STRUT CB-ES 1 - 4X2X16GA	20'-0"	10
B-PR1	PURLIN CB-PR 1 - 4X2X16GA ZEE	21'-0"	25



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CHECKED BY	K. WEAVER

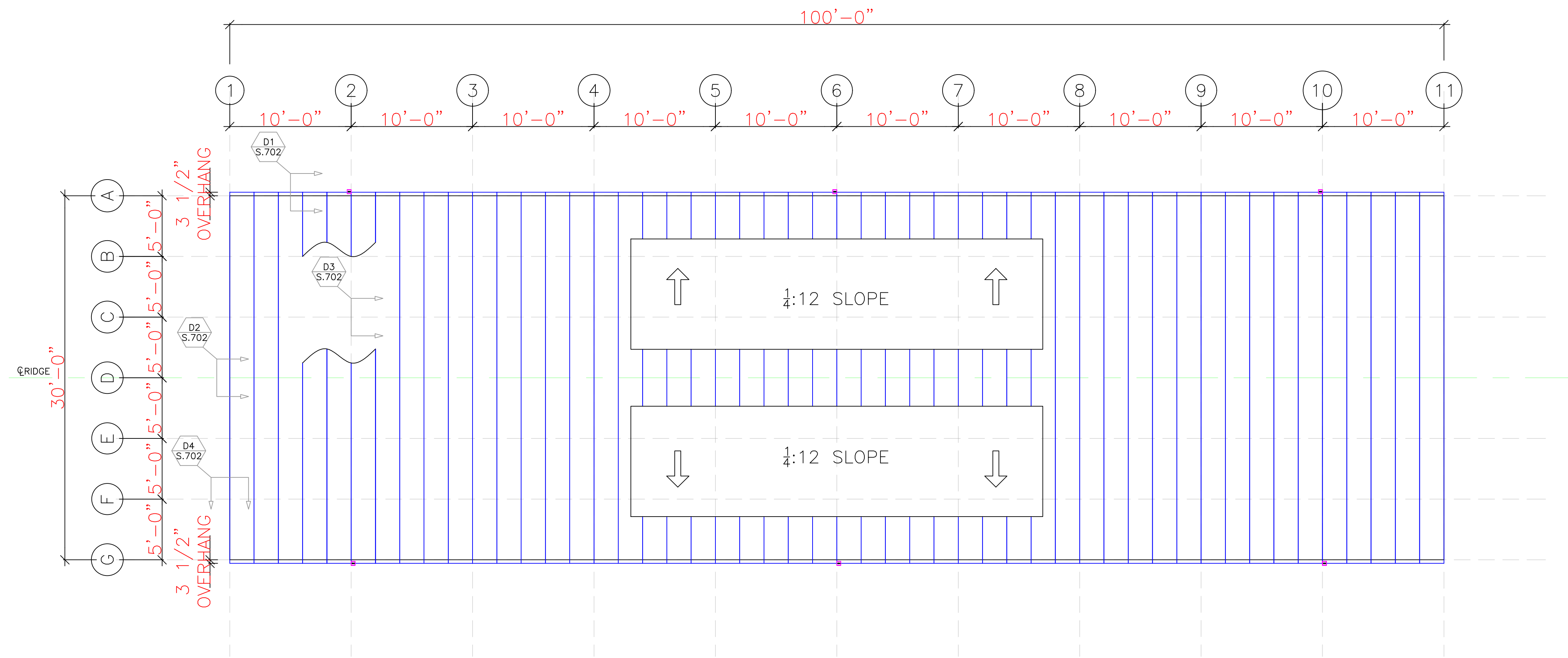
ROOF FRAMING
SHEET DESCRIPTION

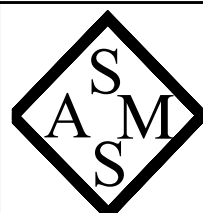
S300
SHEET NUMBER

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

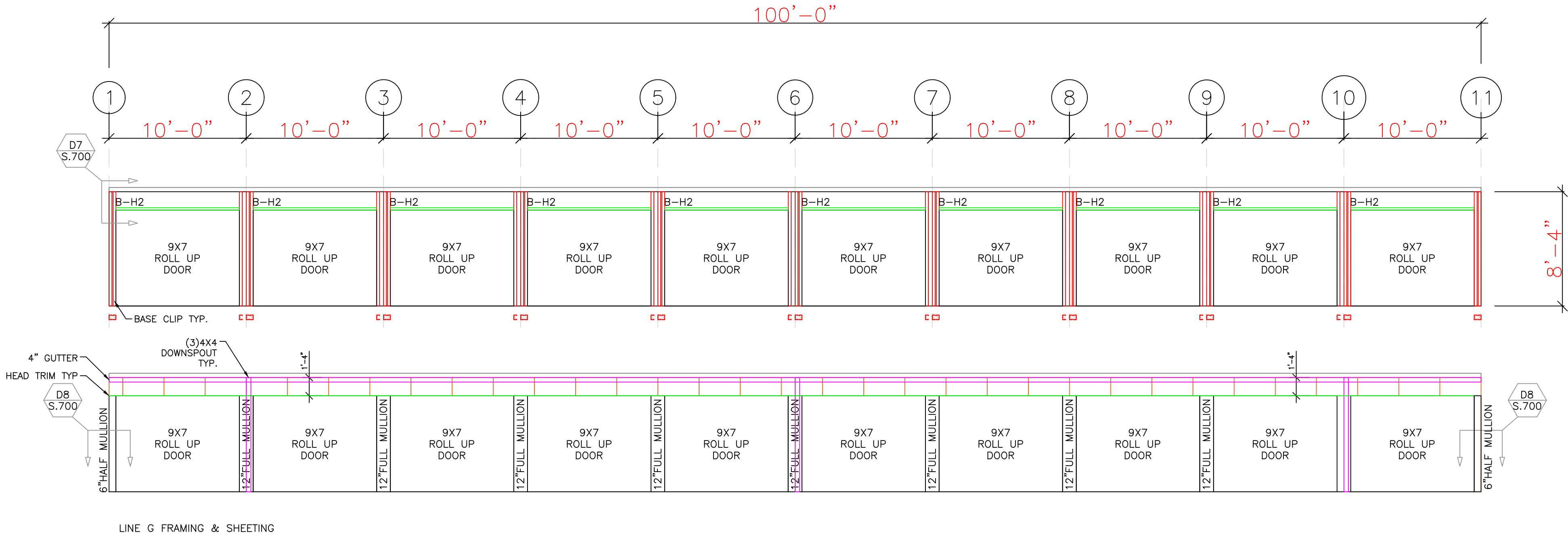
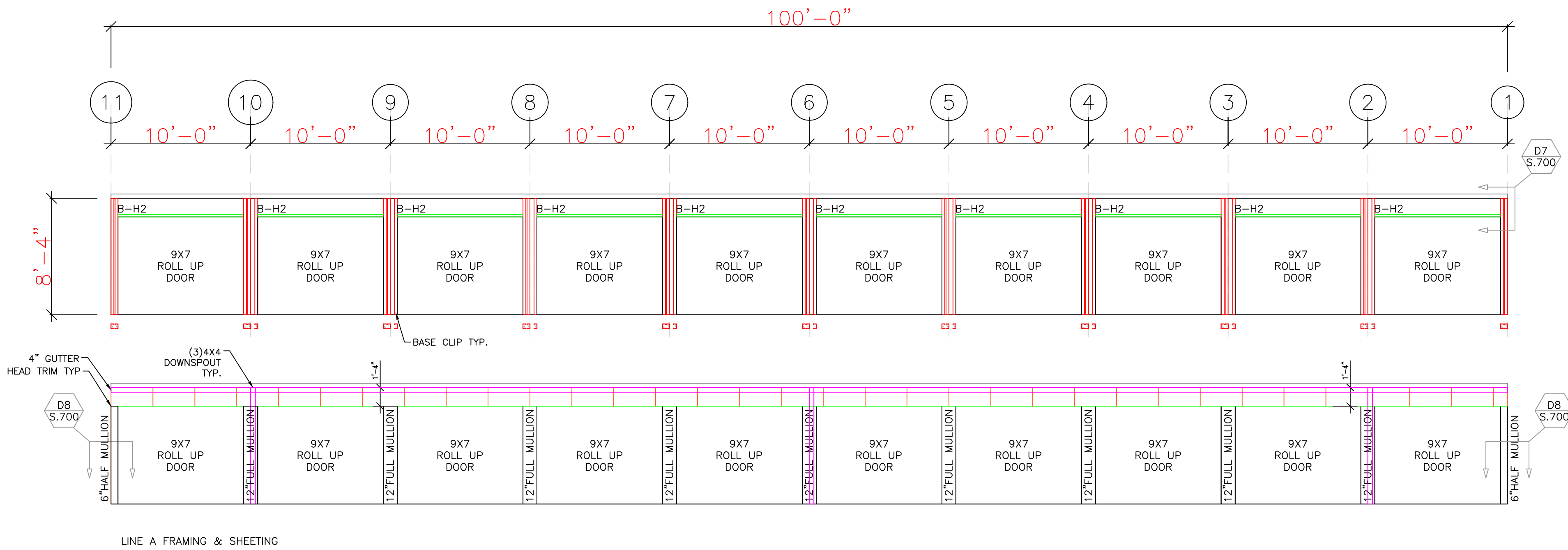
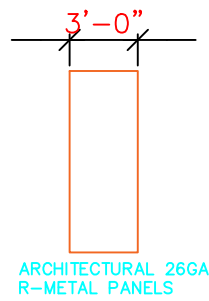
NOTES:
1. 24GA GALVALUME STANDING SEAM ROOF PANELS



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
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		SCALE:	##"=#'
		PROJECT NO. J21-498	
		DATE 10/13/2021	
		DRAWN BY E. EVORS	
		CHECKED BY K. WEAVER	
		ROOF SHEETING	
SHEET DESCRIPTION		SHEET NUMBER	

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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
B-H	HEADER (B-H 2) -4X2X16GA	8'-11	20



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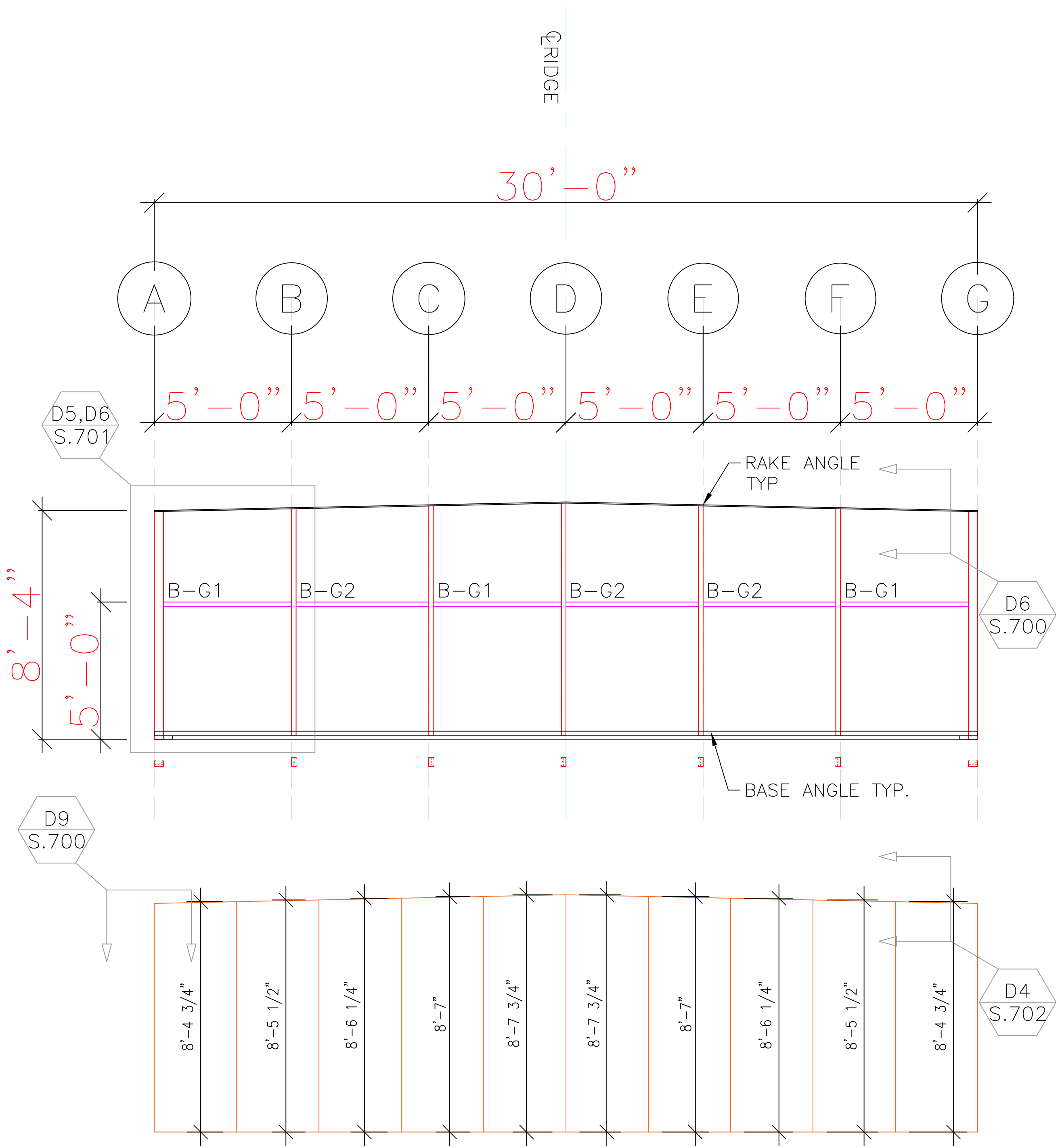
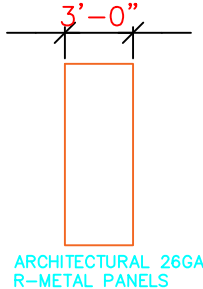
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SIDEWALL FRAMING
SHEET DESCRIPTION AND SHEETING

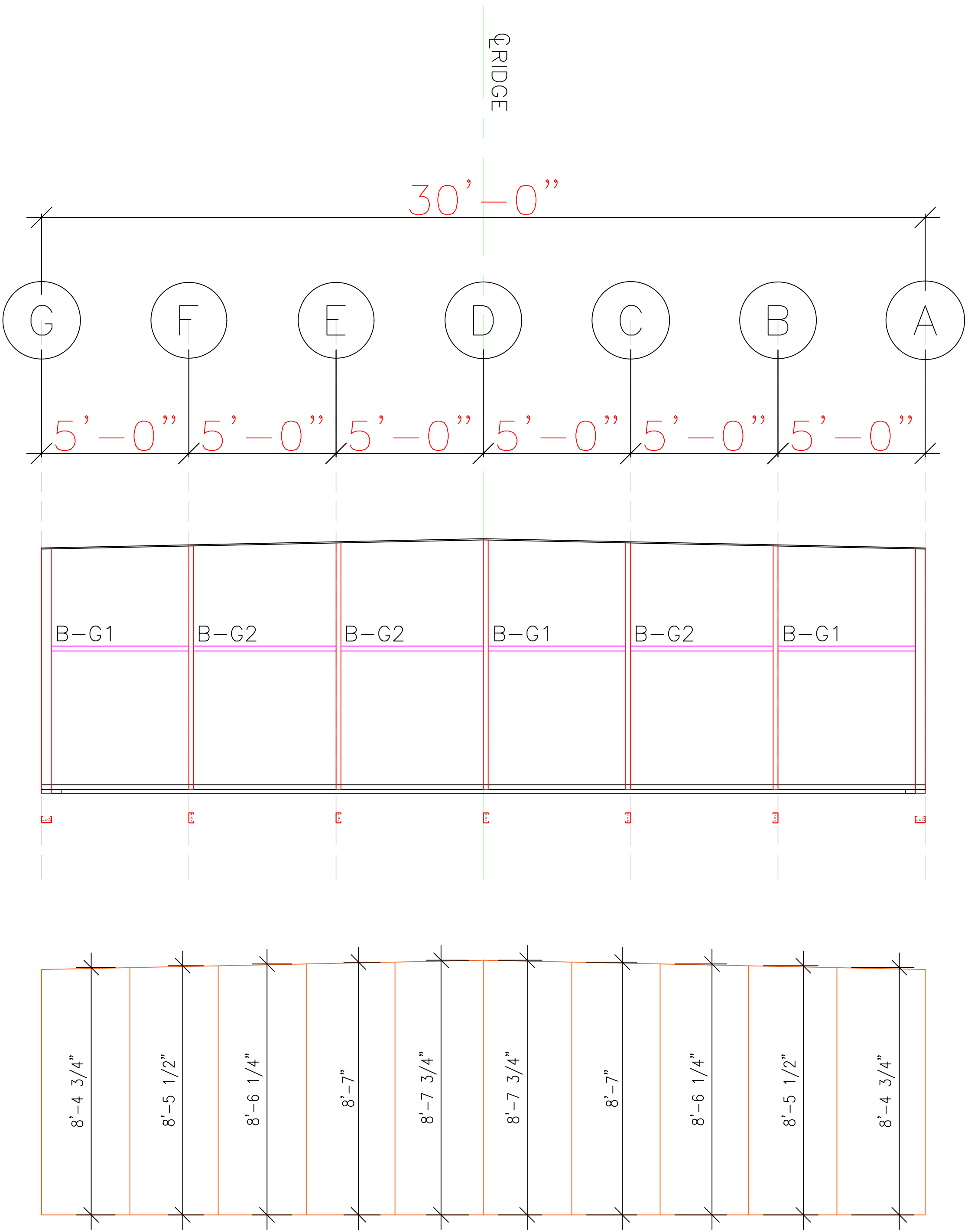
S500
SHEET NUMBER

DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY.
B-G1	GIRT (B-G 1) - 4X2X16GA	4'-7"	6
B-G2	GIRT (B-G 2) - 4X2X16GA	4'-9"	6



LINE 1 FRAMING & SHEETING



LINE 11 FRAMING & SHEETING

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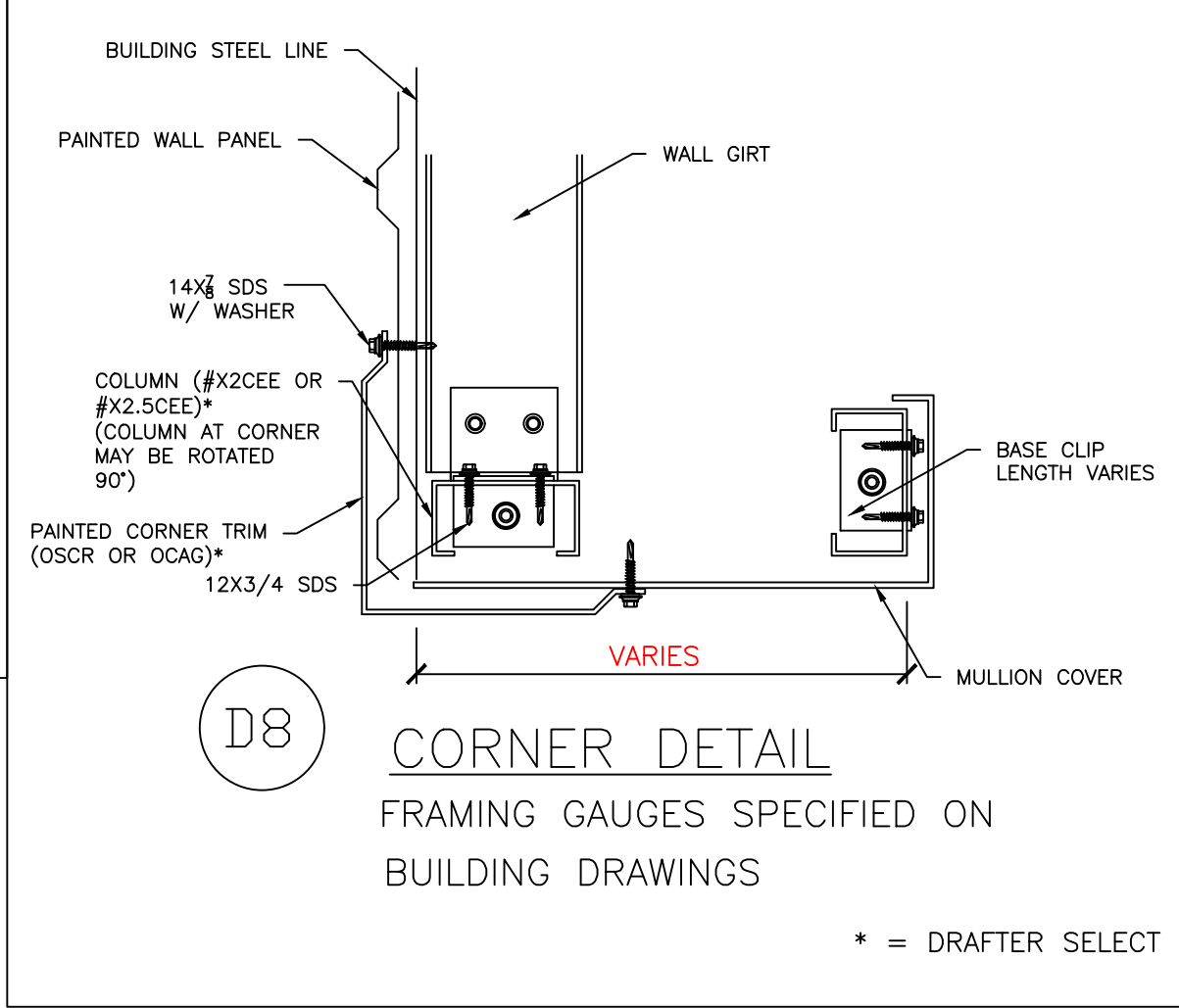
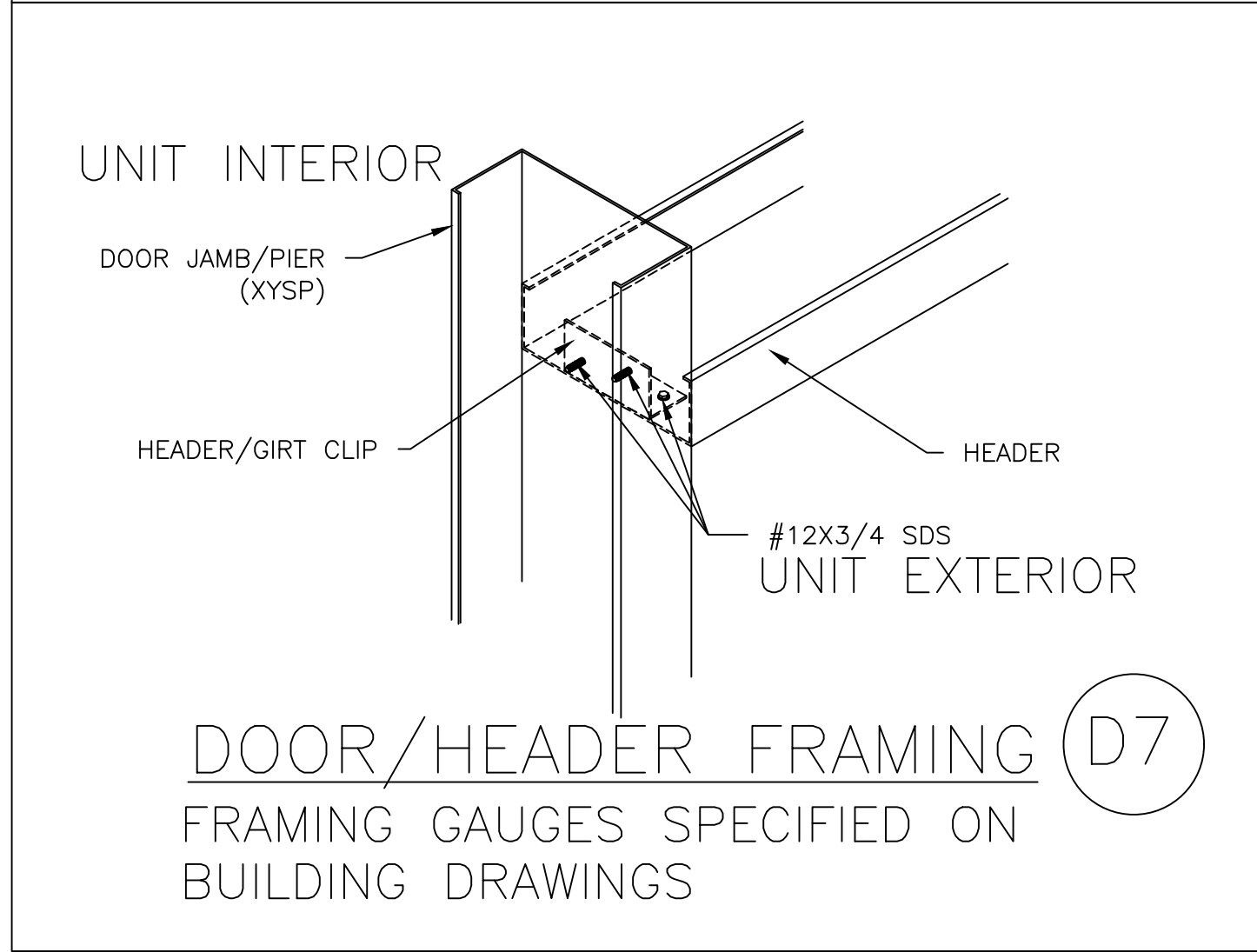
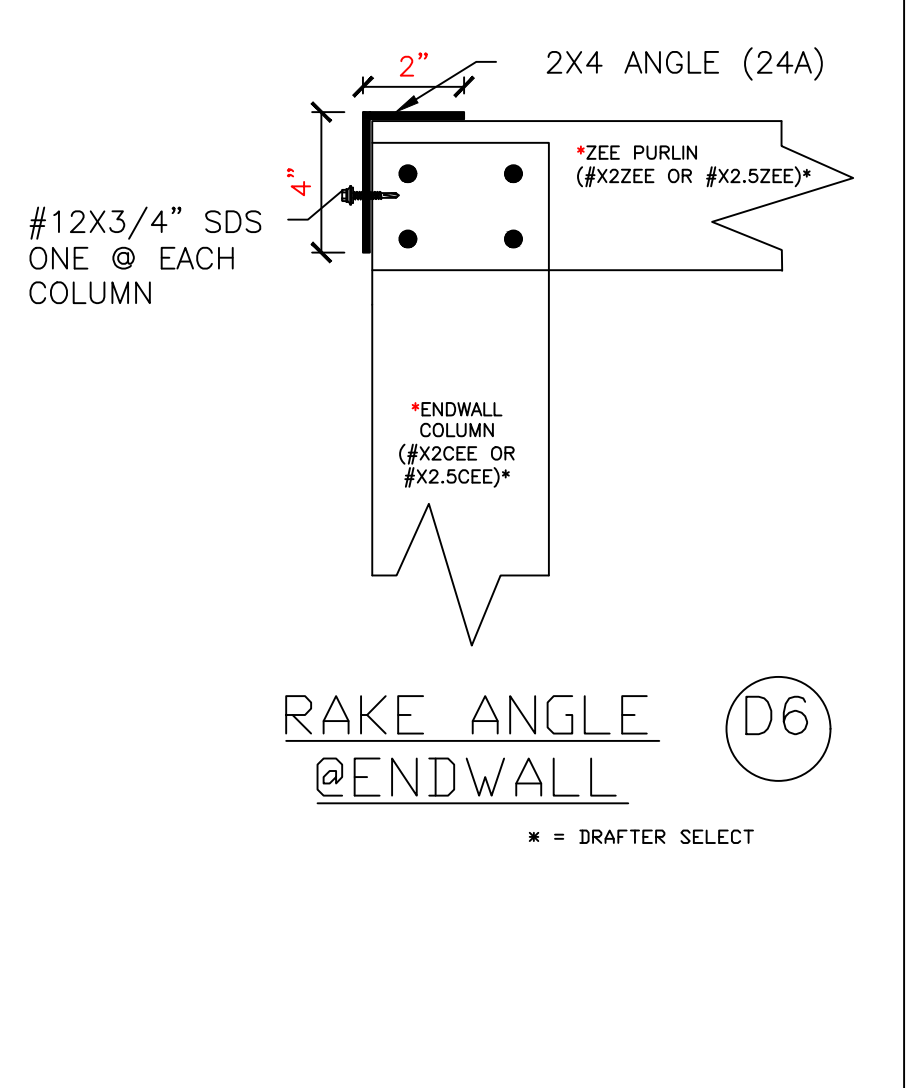
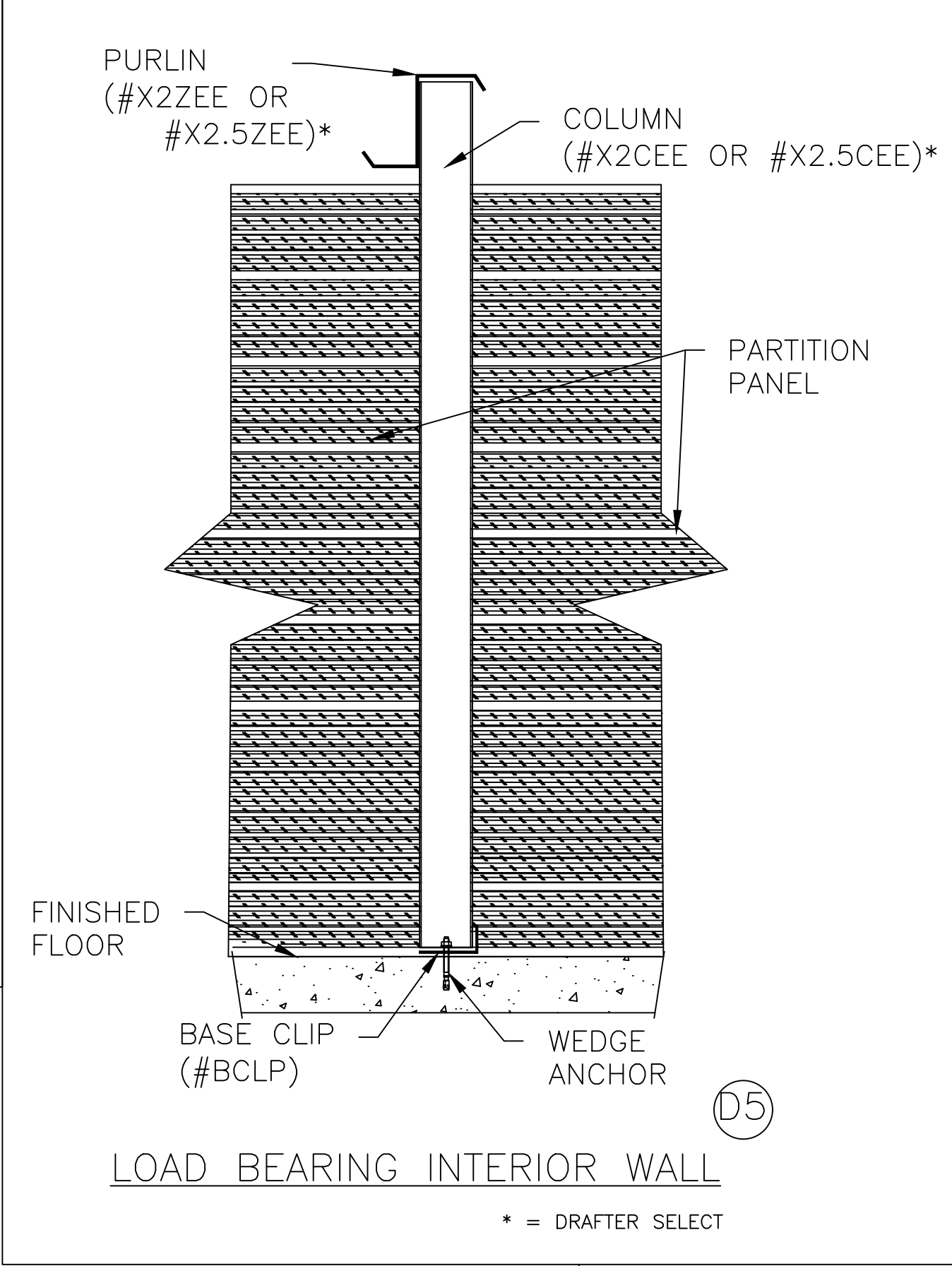
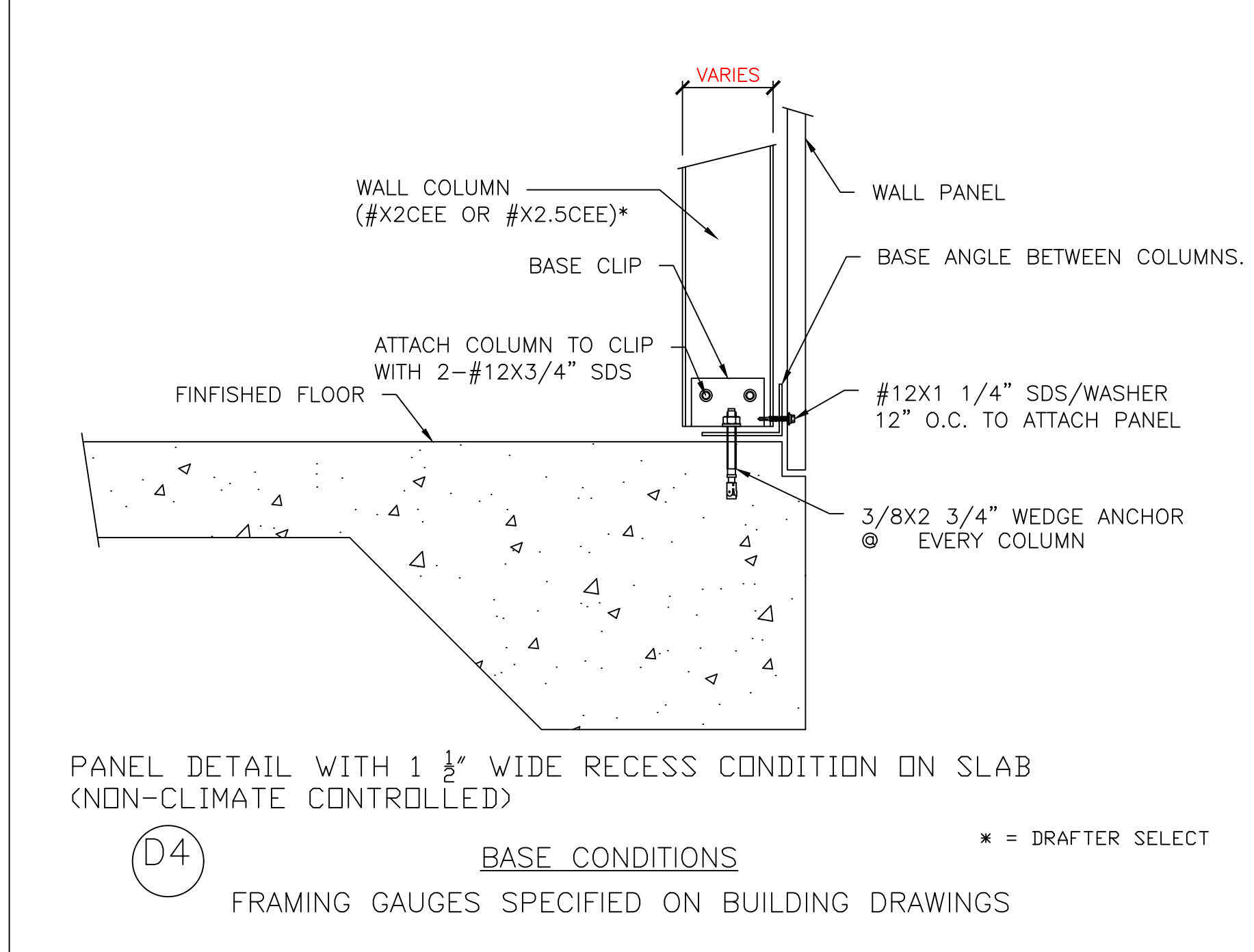
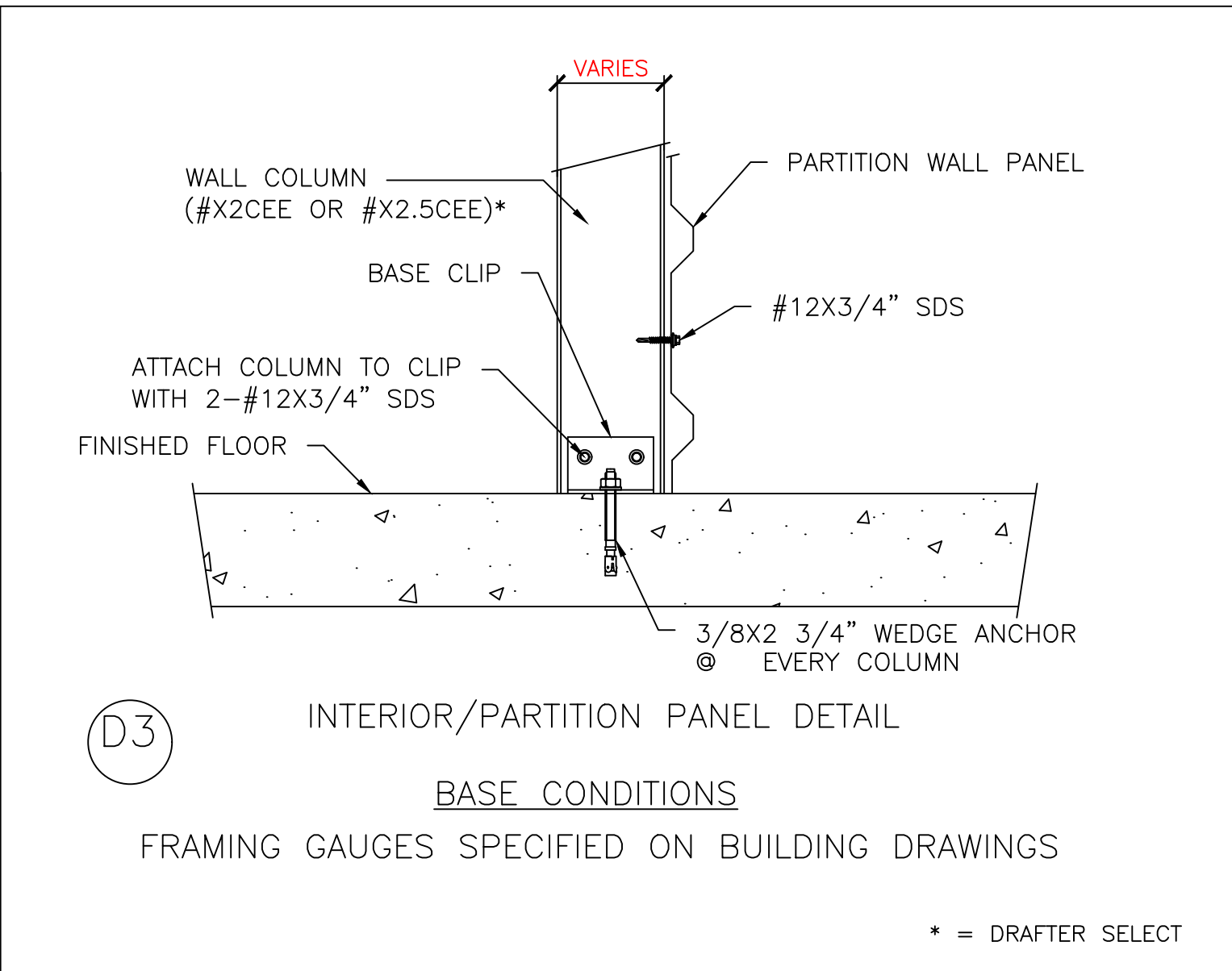
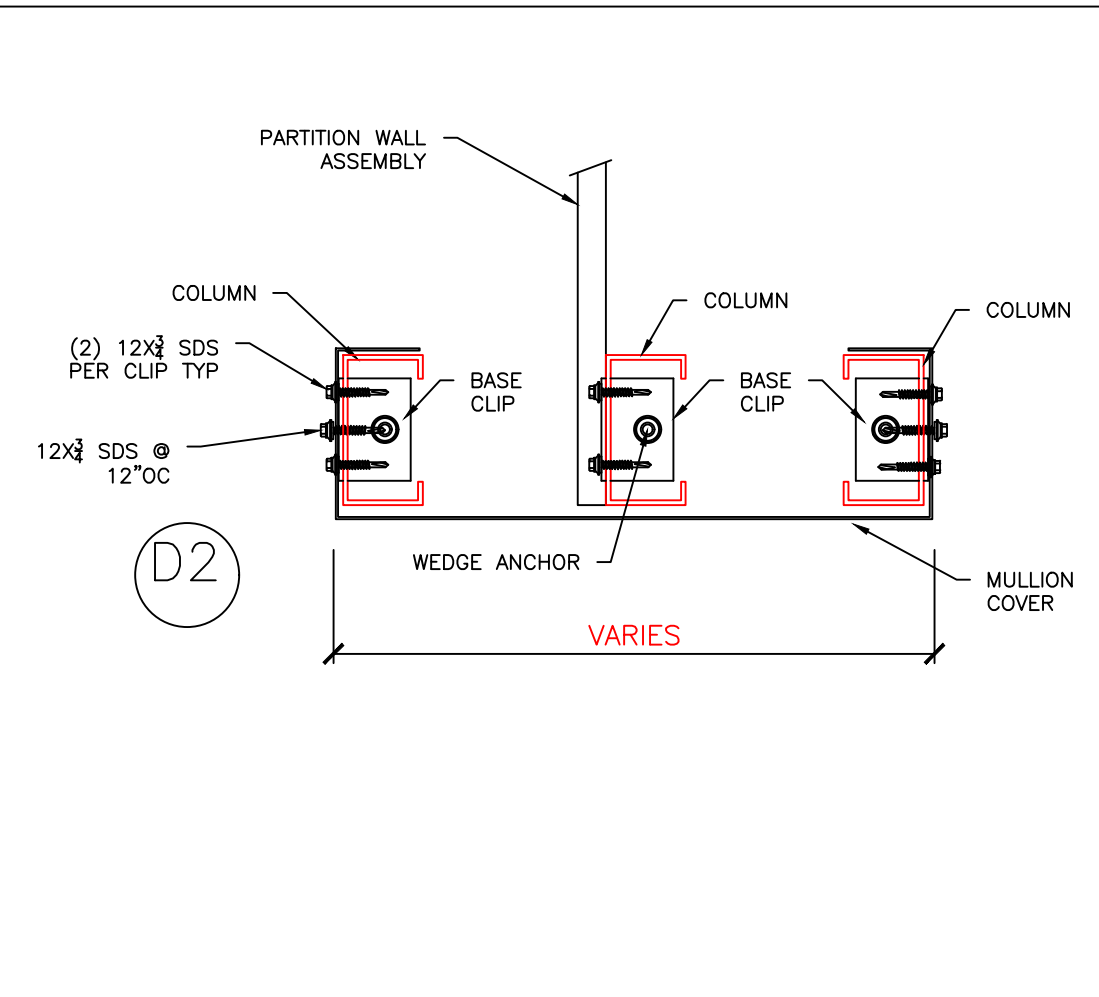
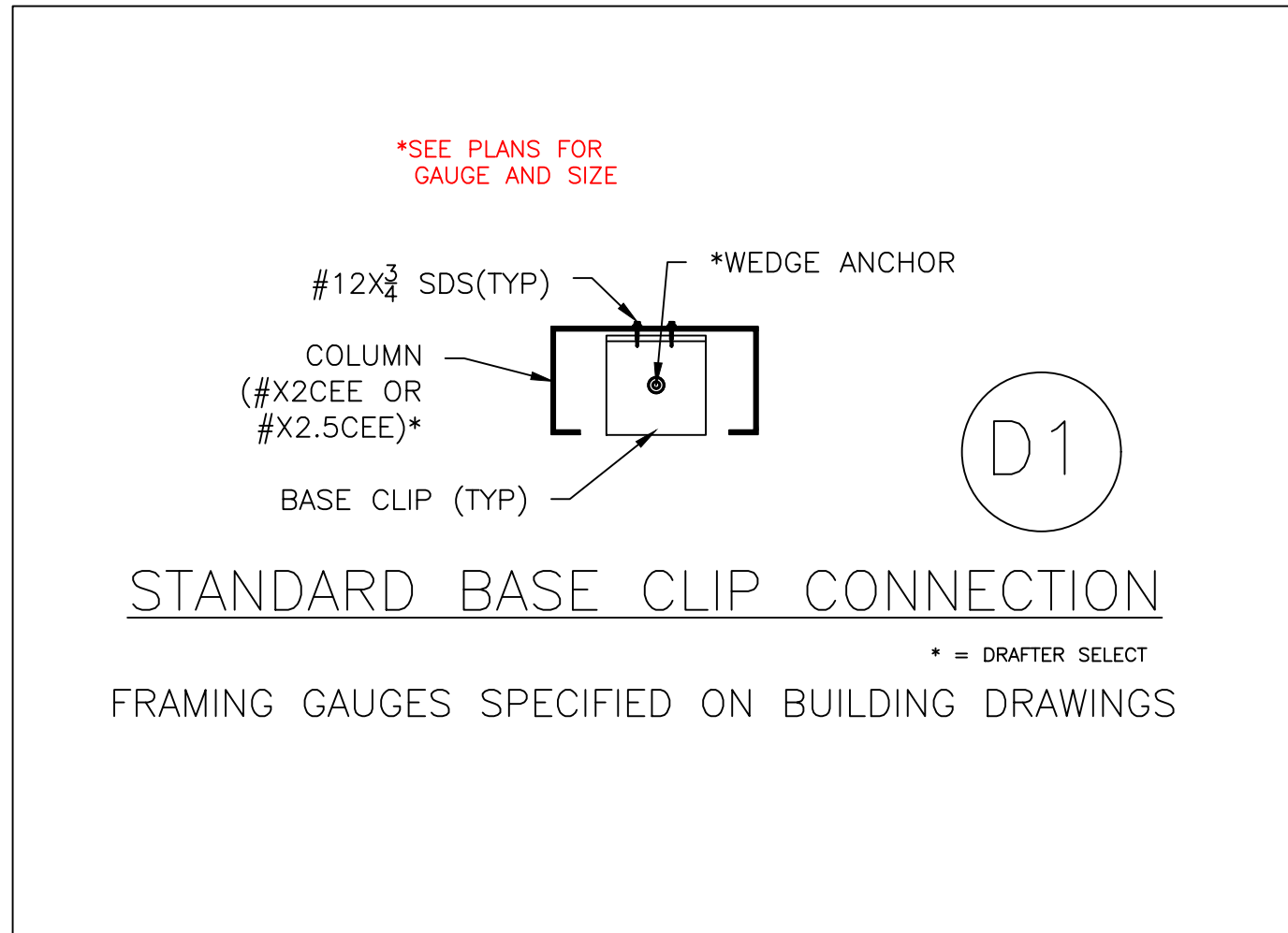
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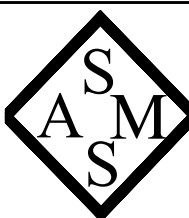
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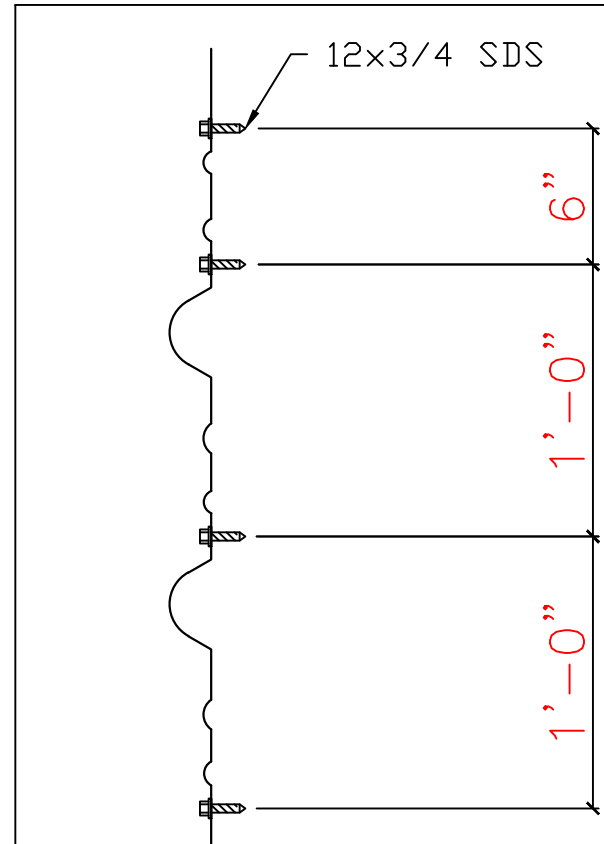
ENDWALL FRAMING
SHEET DESCRIPTION AND SHEETING

S600
SHEET NUMBER

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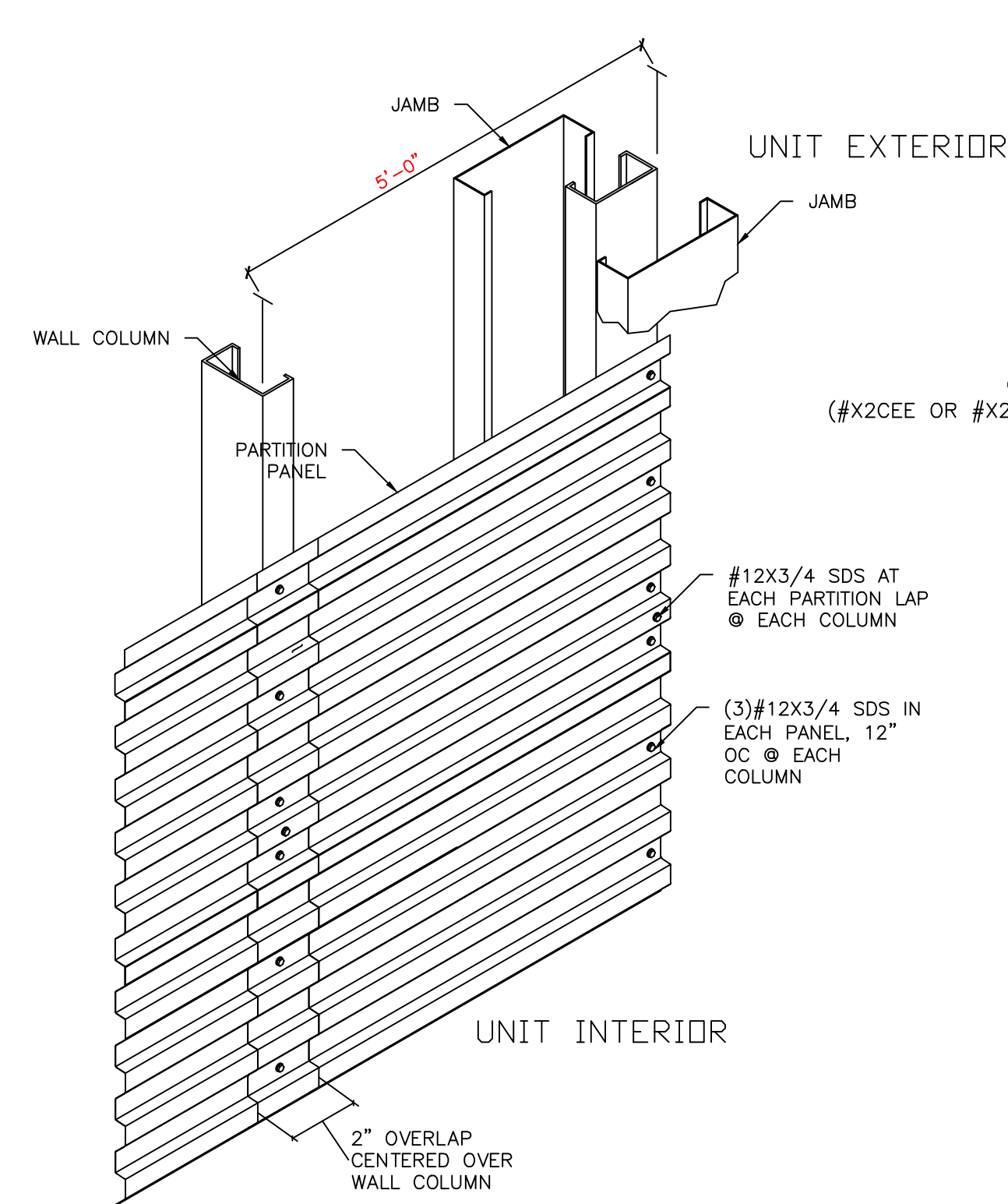


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			DRAWN BY E. EVORS	
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	DETAILS		S700	
SHEET DESCRIPTION		SHEET NUMBER		



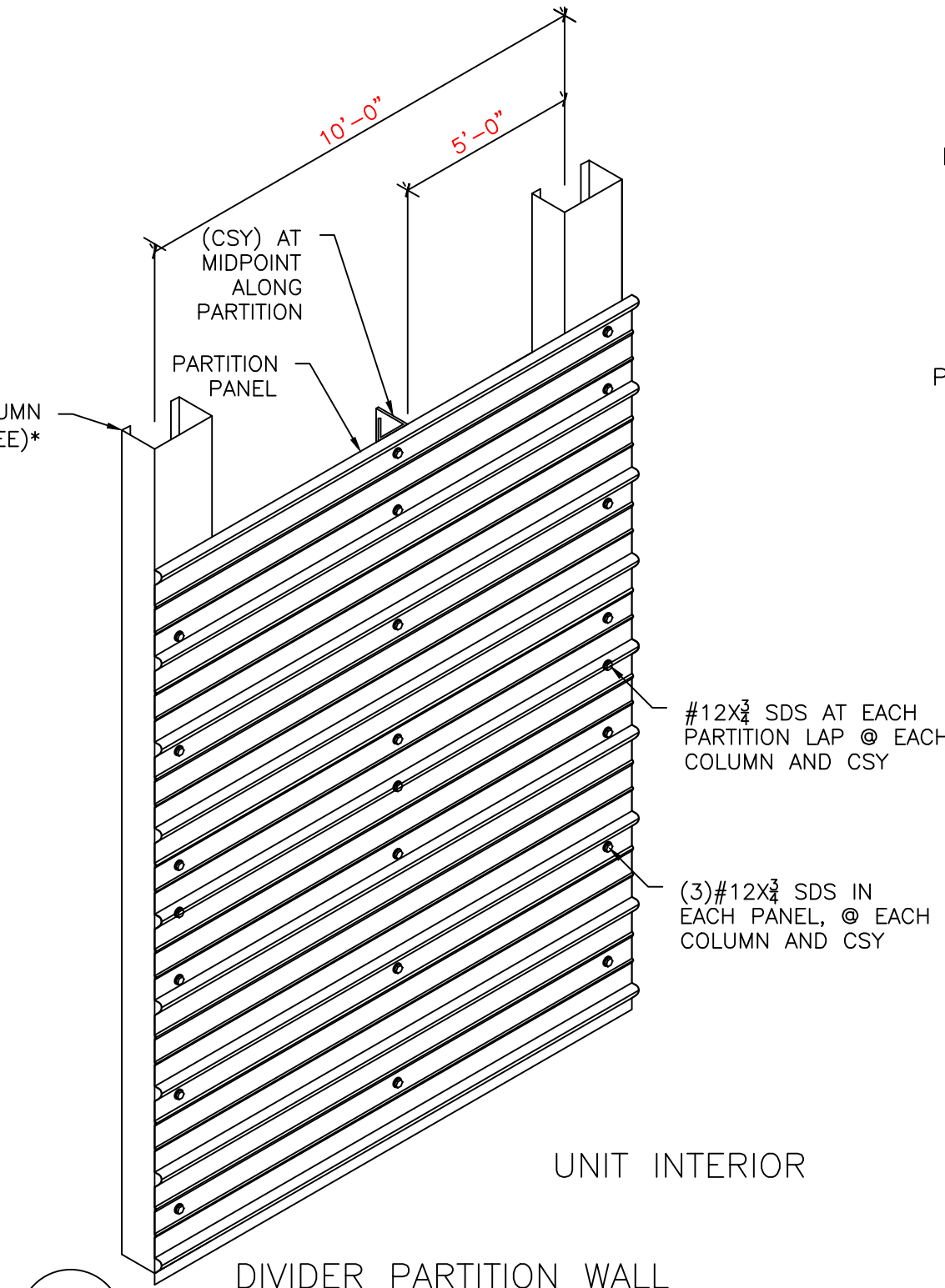
TYP. PARTITION FASTENER PATTERN
PARTITION FASTENER PATTERN FOR TYPICAL INTERIOR
SUPPORT CONNECTION

D1



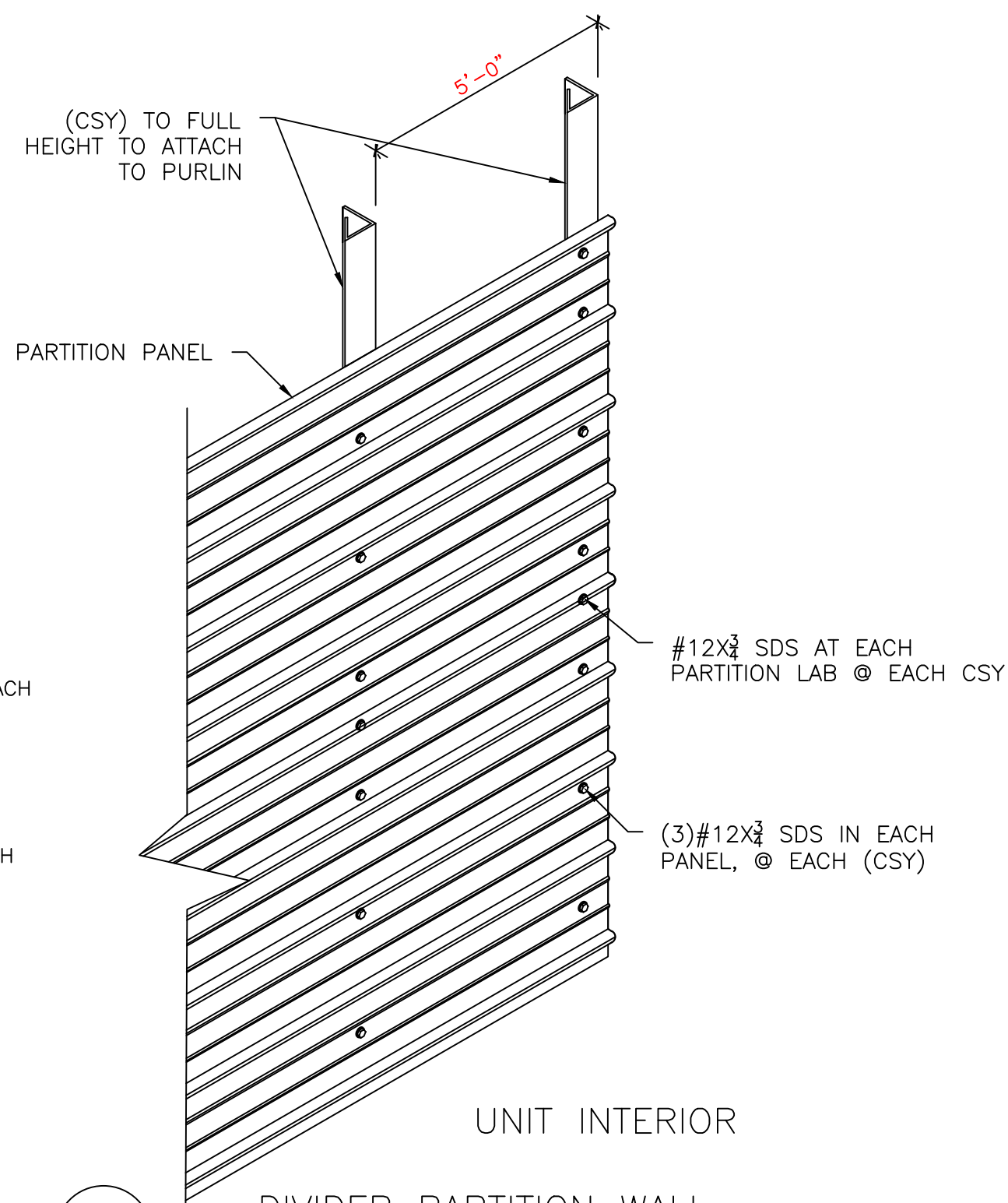
PARTITION WALL FRAMING @ EXTERIOR DOOR DETAIL
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

D2



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

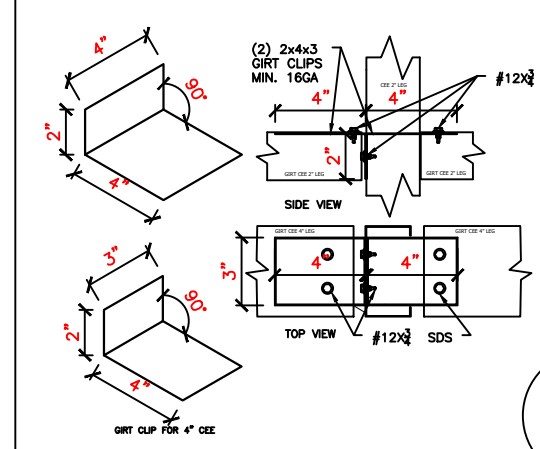
D3



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

D4

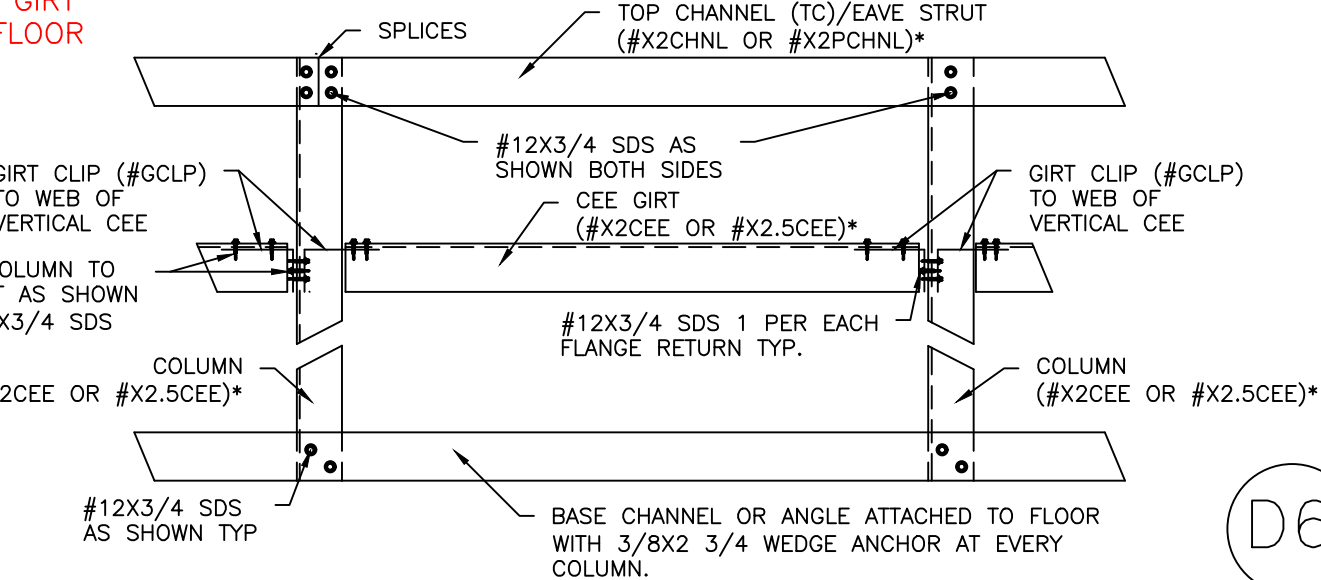
* = DRAFTER SELECT



GIRT CONNECTION DETAIL
(#GCLP)

D5

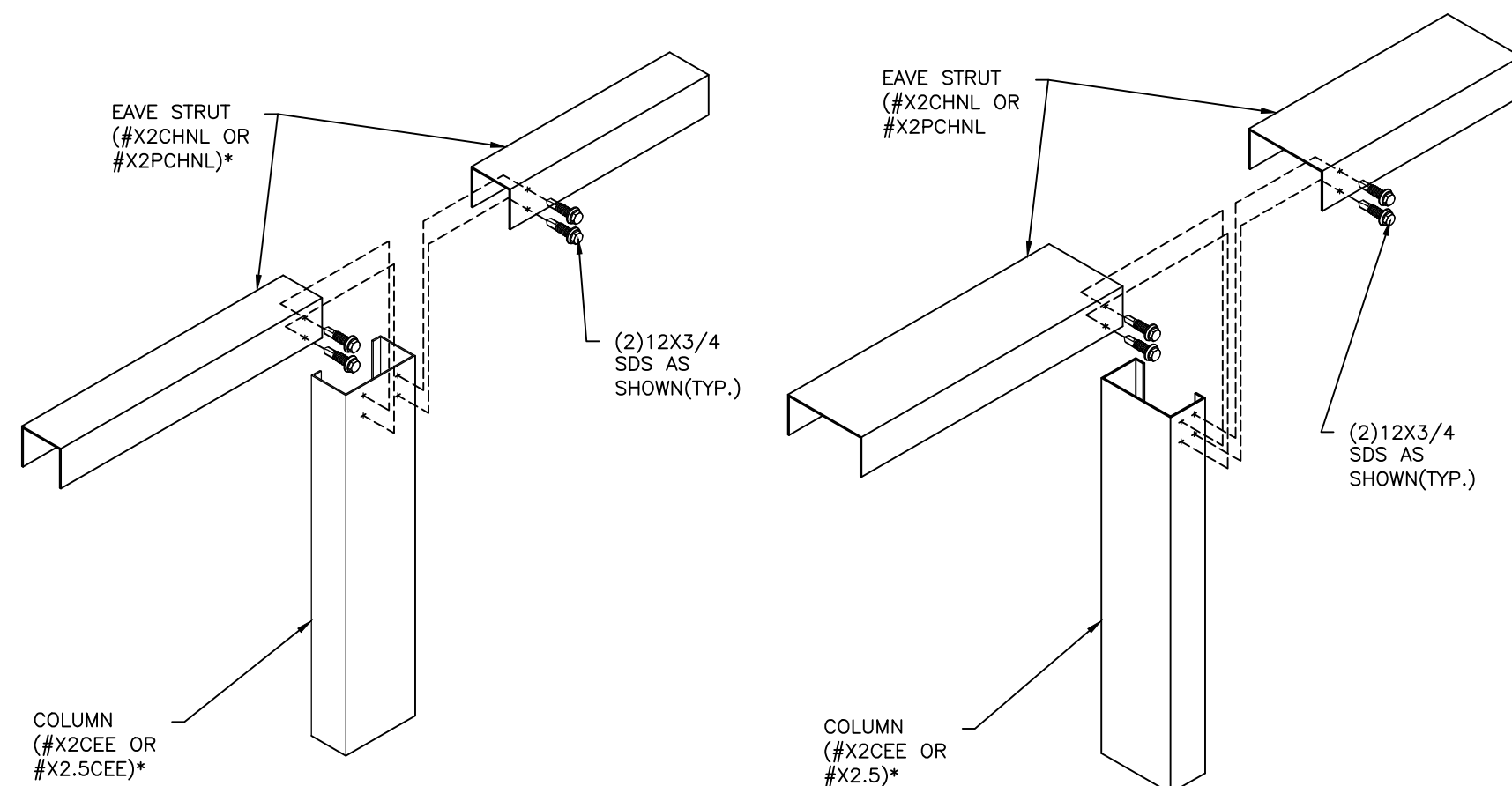
NOTE: OPEN SIDE
OF CEE GIRT
FACES FLOOR



SIDEWALL FRAMING AND ENDWALL CONDITION

FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS * = DRAFTER SELECT

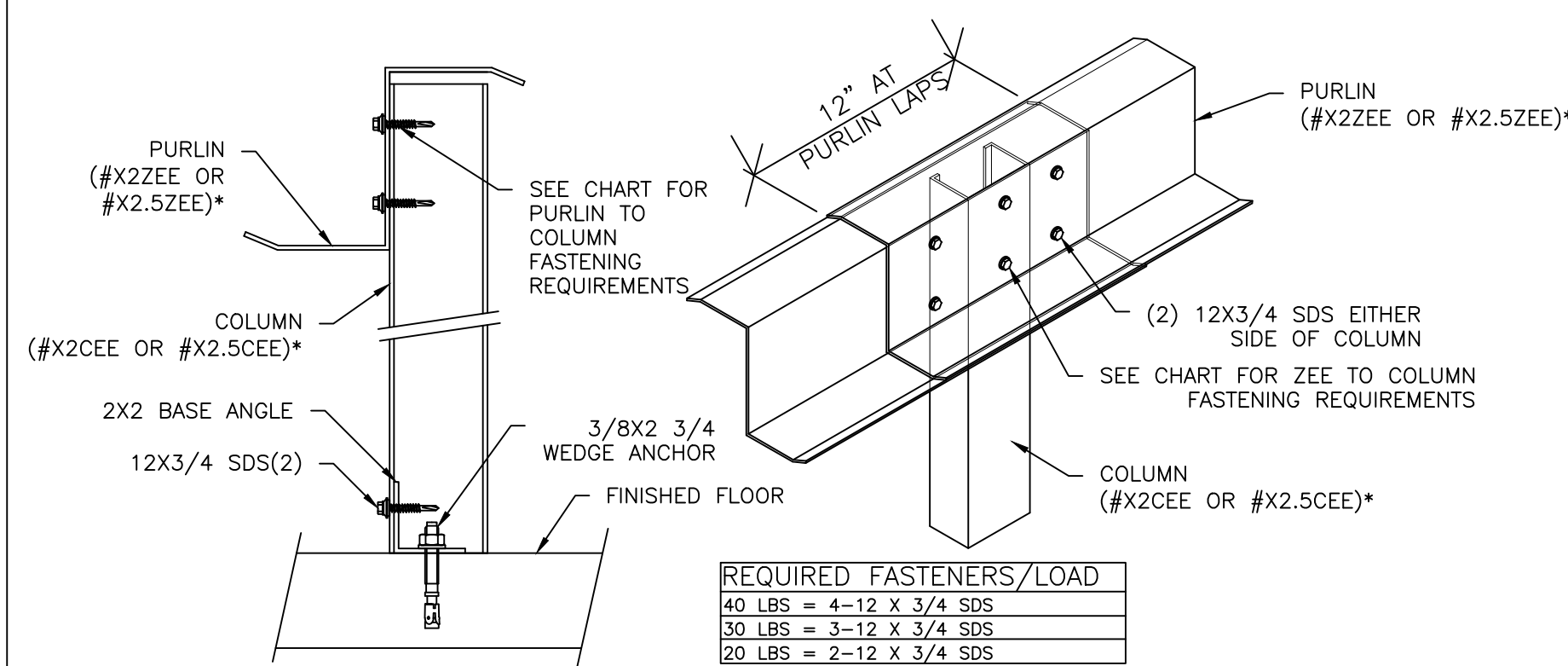
D6



EAVE STRUT END CONNECTION
NTS

* = DRAFTER SELECT

D7



COLUMN FRAMING CONDITION

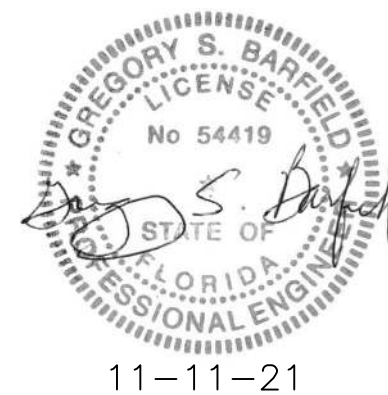
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

* = DRAFTER SELECT

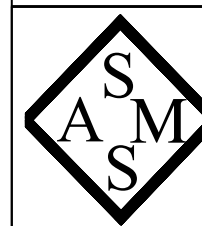
D8

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CHUCK STRINGHAM

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DETAILS
SHEET DESCRIPTION

S701
SHEET NUMBER

