

PROJECT INFORMATION:
FLORIDA EXPANSION
BUILDING C

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

PROJECT:
NEW BUILDING

BUILDING DATA:

Building Description: NEW SINGLE STORY BUILDING

Building Size: 30X80X8'4"(LS) (2,400sq. 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

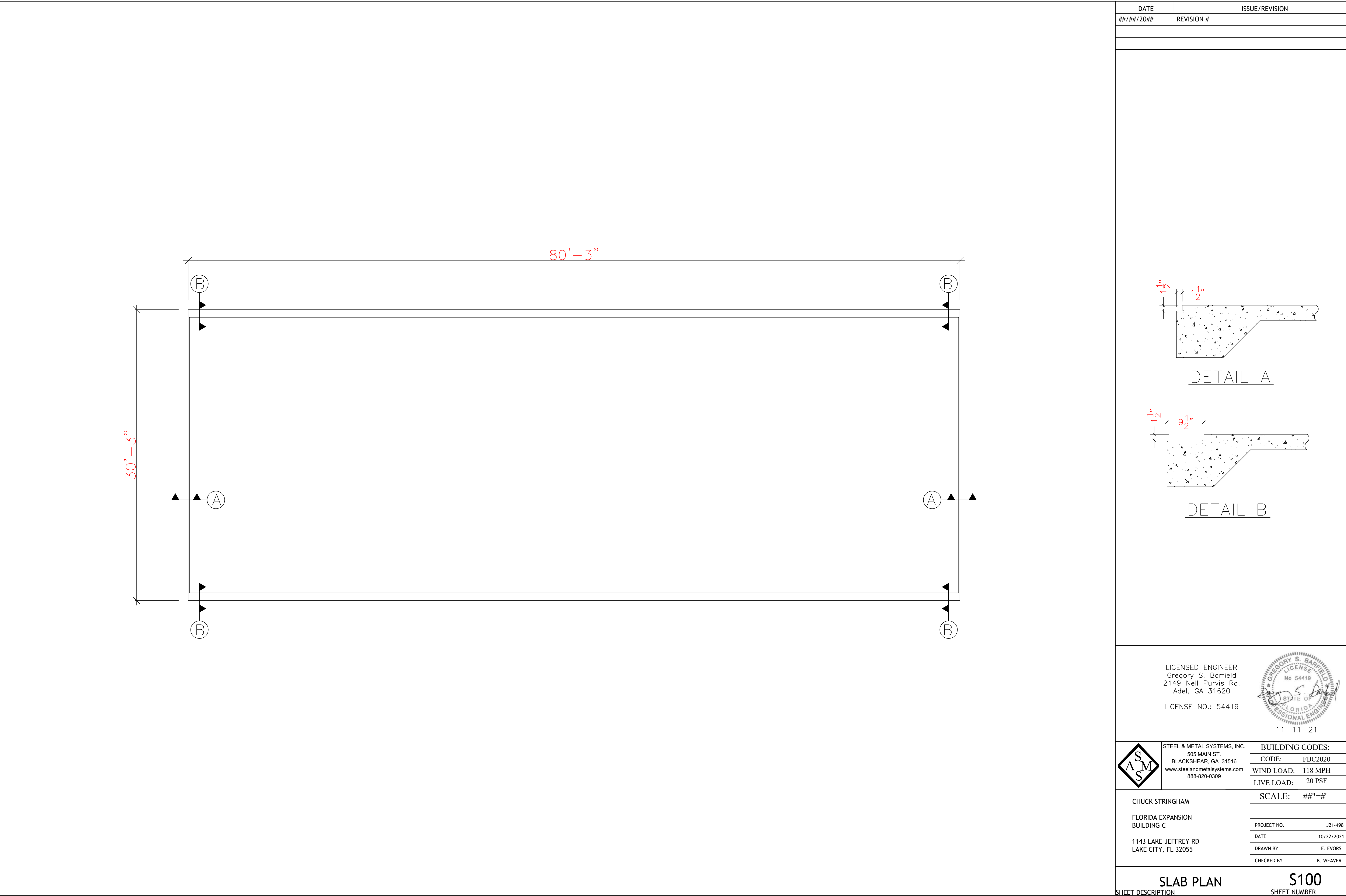
Enclosed Building : Internal Pressure Coefficient = + / - .18

Zoning : Light Industrial

SHEET INDEX

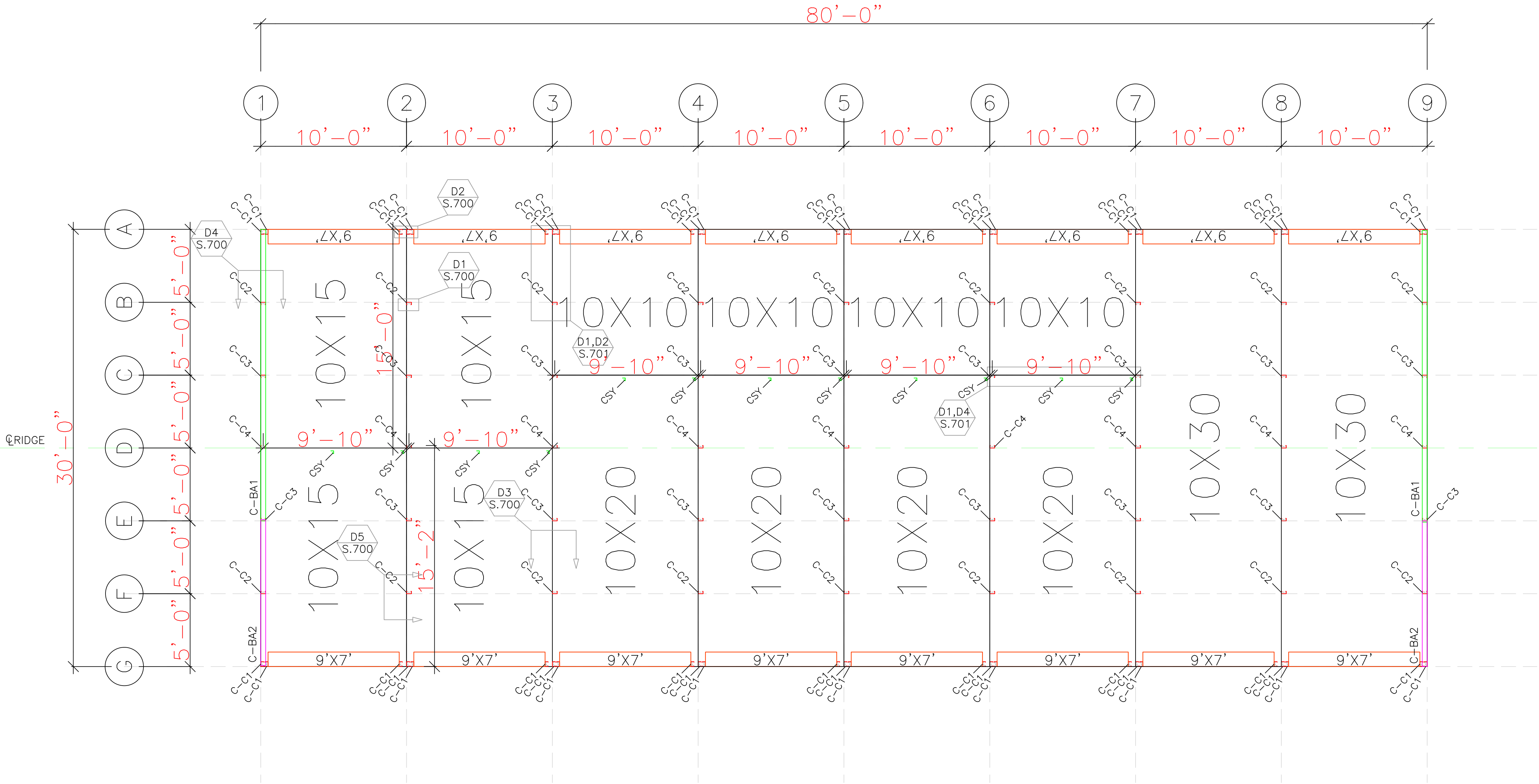
- S100 - SLAB PLAN
- S200 - COLUMN LAYOUT
- S300 - ROOF FRAMING LAYOUT
- S400 - ROOF SHEETING LAYOUT
- S500 - SIDEWALL FRAMING & SHEETING
- S600 - ENDWALL FRAMING & SHEETING
- S700 - DETAILS
- S701 - DETAILS
- S702 - DETAILS

DATE		ISSUE/REVISION	
##/##/20##		REVISION #	
LICENSED ENGINEER Gregory S. Barfield 2149 Nell Purvis Rd. Adel, GA 31620 LICENSE NO.: 54419		Gregory S. Barfield No 54419 STATE OF FLORIDA PROFESSIONAL ENGINEER 11-11-21	
S M A S	STEEL & METAL SYSTEMS, INC. 505 MAIN ST. BLACKSHEAR, GA 31516 www.steelandsmetalsystems.com 888-820-0309		
	BUILDING CODES:		
	CODE:	FBC2020	
WIND LOAD:		118 MPH	
LIVE LOAD:		20 PSF	
CHUCK STRINGHAM FLORIDA EXPANSION BUILDING C 1143 LAKE JEFFREY RD LAKE CITY, FL 32055		SCALE:	##"=##'
		PROJECT NO. J21-498	
		DATE 10/22/2021	
		DRAWN BY E. EVORS	
		CHECKED BY K. WEAVER	
TITLE		S000	
SHEET DESCRIPTION		SHEET NUMBER	

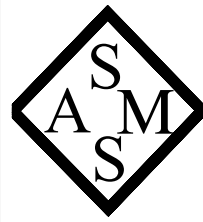
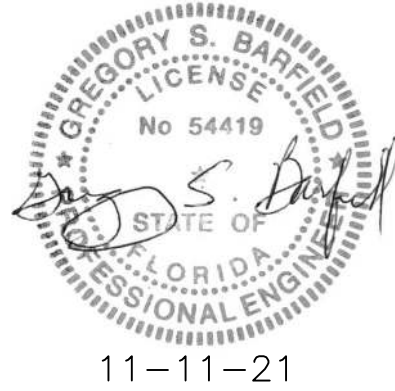


DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY.
C-C1	4X2.5X16GA CEE	8'-4"	50
C-C2	4X2X16GA CEE	8'-3.25'	18
C-C3	4X2X16GA CEE	8'-4.5'	18
C-C4	4X2X16GA CEE	8'-5.75'	9
9'X7'	9X7 ROLLUP DOOR	-	16
CSY	CSY	PARTITION HEIGHT	12
C-BA1	BASE ANGLE (C-BA1) - 4X2	20'-0"	2
C-BA2	BASE ANGLE (C-BA2) - 4X2	10'-0"	2



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FLORIDA EXPANSION
BUILDING C

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SCALE: #1"=10'

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COLUMN LAYOUT
SHEET DESCRIPTION

S200
SHEET NUMBER

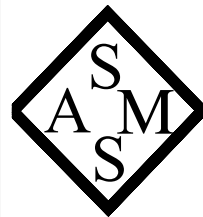
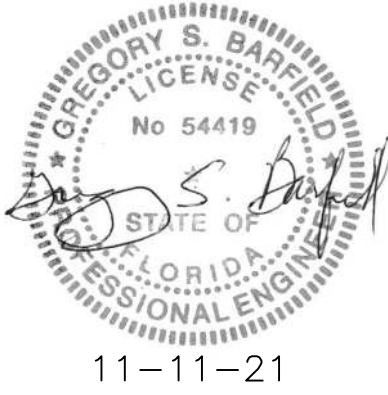
DATE	ISSUE/REVISION
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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
C-ES 1	EAVE STRUT (C-ES 1) - 4X2X16GA	20'-0"	8
C-PR1	PURLIN (C-PR 1) - 4X2X16GA ZEE	21'-0"	20



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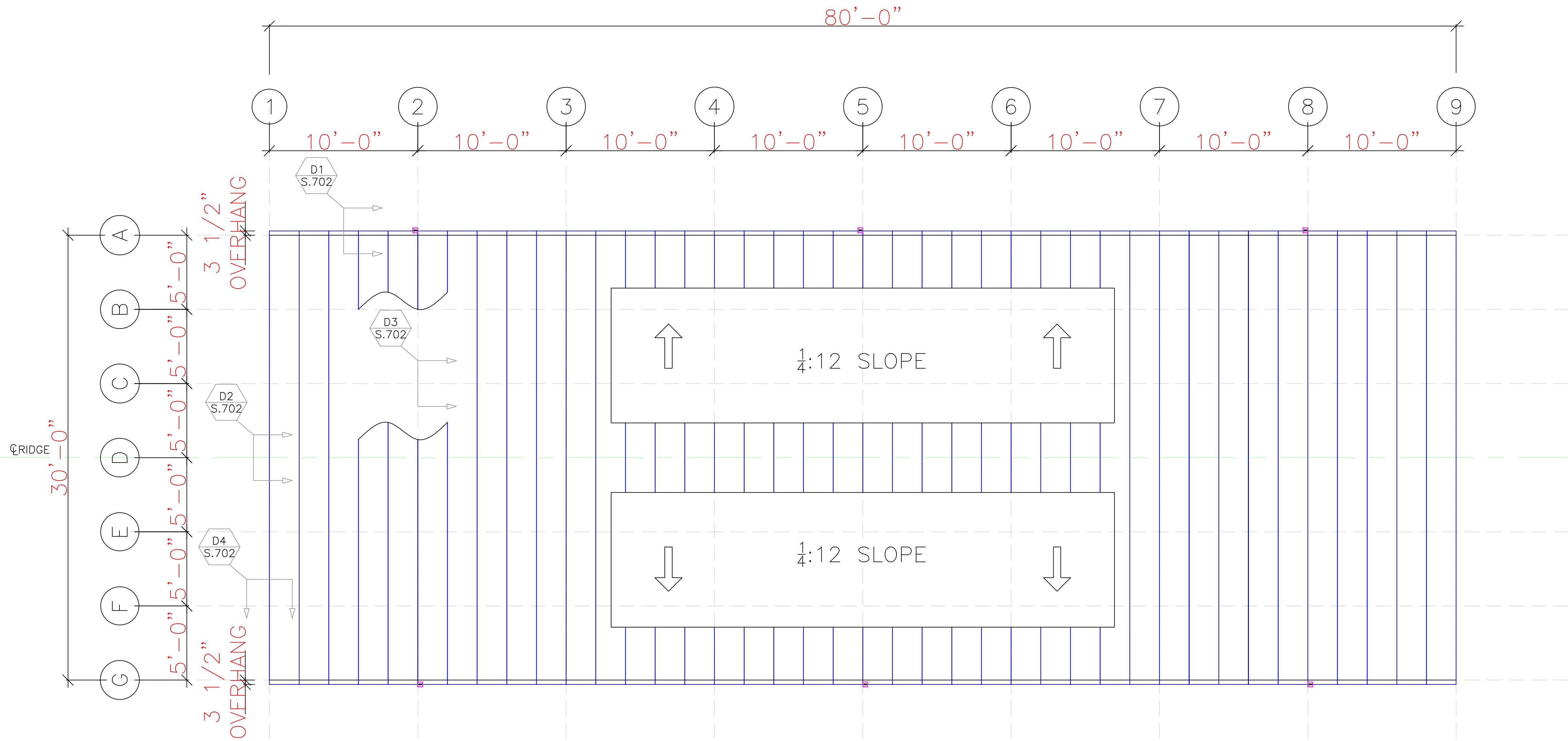
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ROOF FRAMING
SHEET DESCRIPTION

S300
SHEET NUMBER



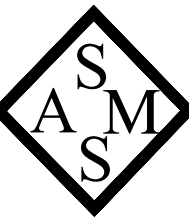
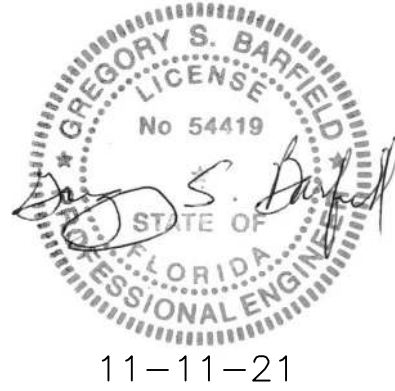
DATE	ISSUE/REVISION
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PARTS LIST		
LABEL	PART COUNT	QTY.
4x4	4X4 DOWNSPOUT	6

NOTES:
1. 24GA GALVALUME STANDING SEAM ROOF PANELS

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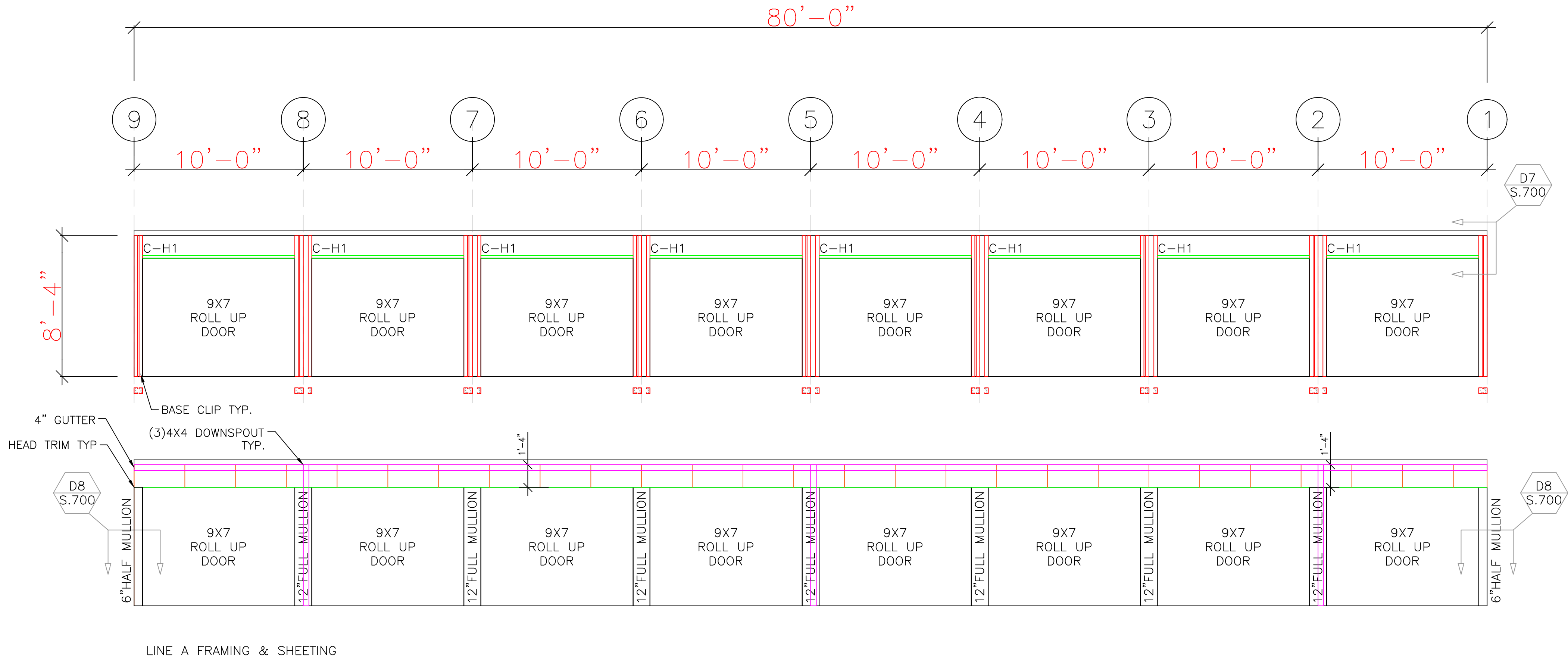
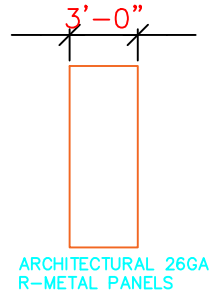
CHECKED BY K. WEAVER

ROOF SHEETING
SHEET DESCRIPTION

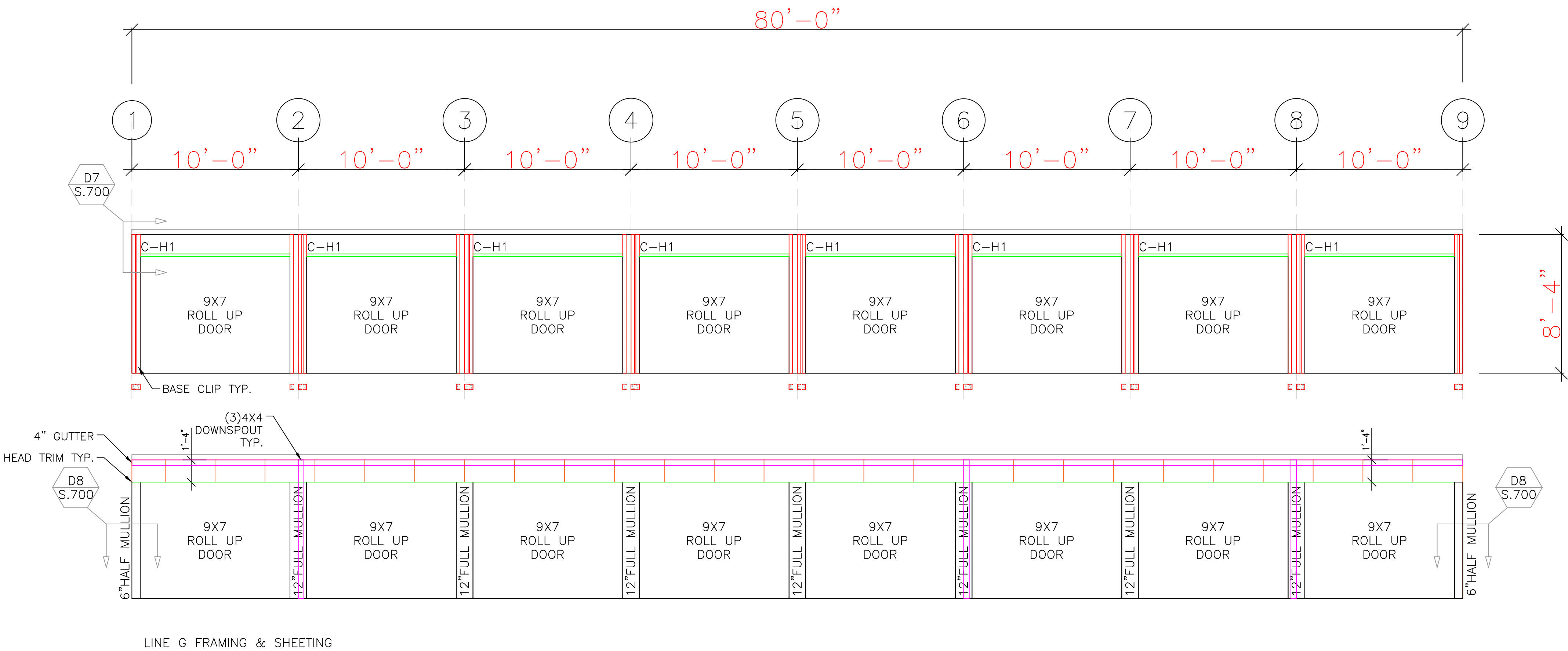
S400
SHEET NUMBER

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PARTS LIST			
LABEL	PART NAME	LENGTH	QTY
D7	HEADER (C-H 1) -4X2X16GA	8'-11	16



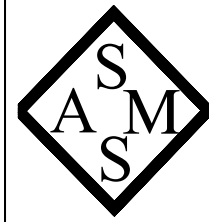
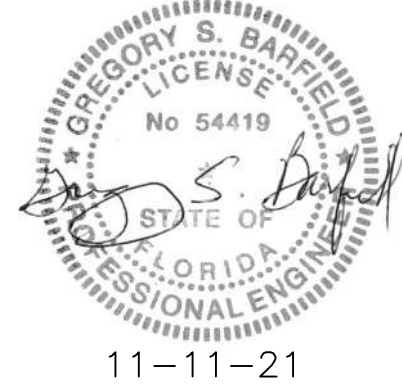
LINE A FRAMING & SHEETING



LINE G FRAMING & SHEETING

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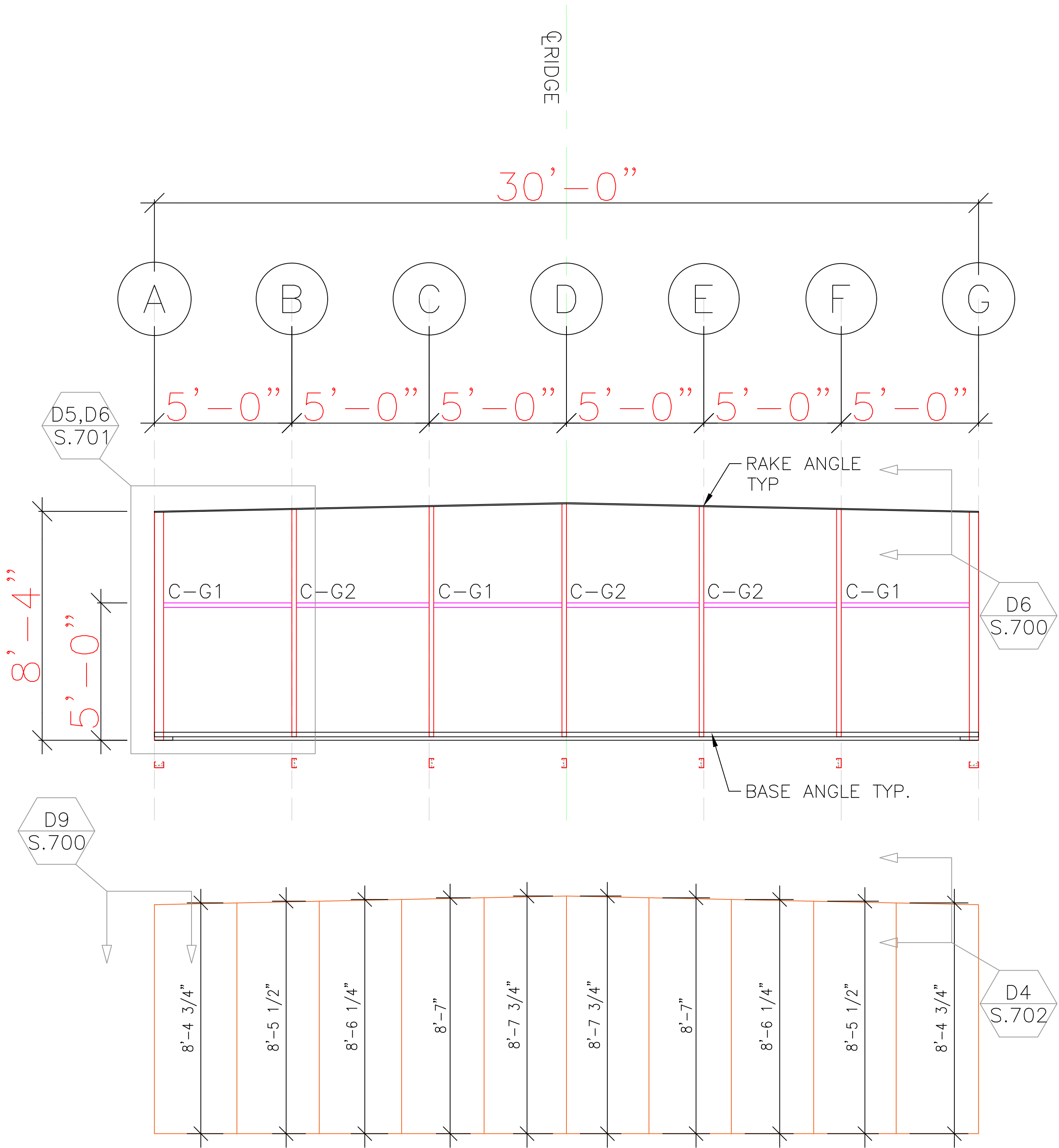
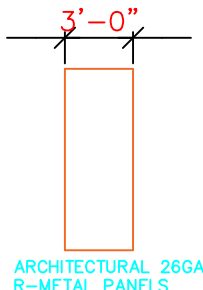
CHECKED BY K. WEAVER

SIDEWALL FRAMING
SHEET DESCRIPTION AND SHEETING

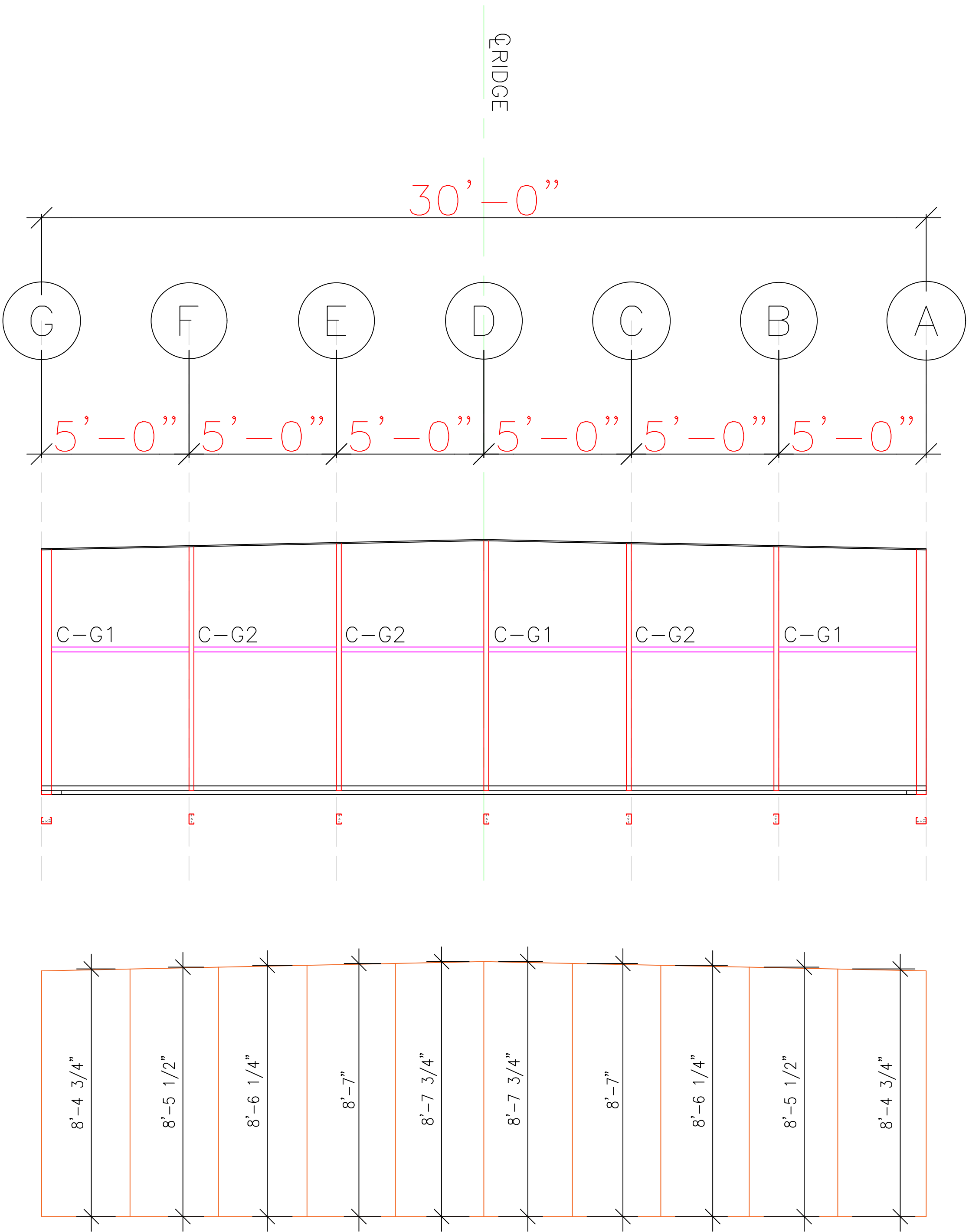
S500
SHEET NUMBER

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



LINE 1 FRAMING & SHEETING



LINE 9 FRAMING & SHEETING

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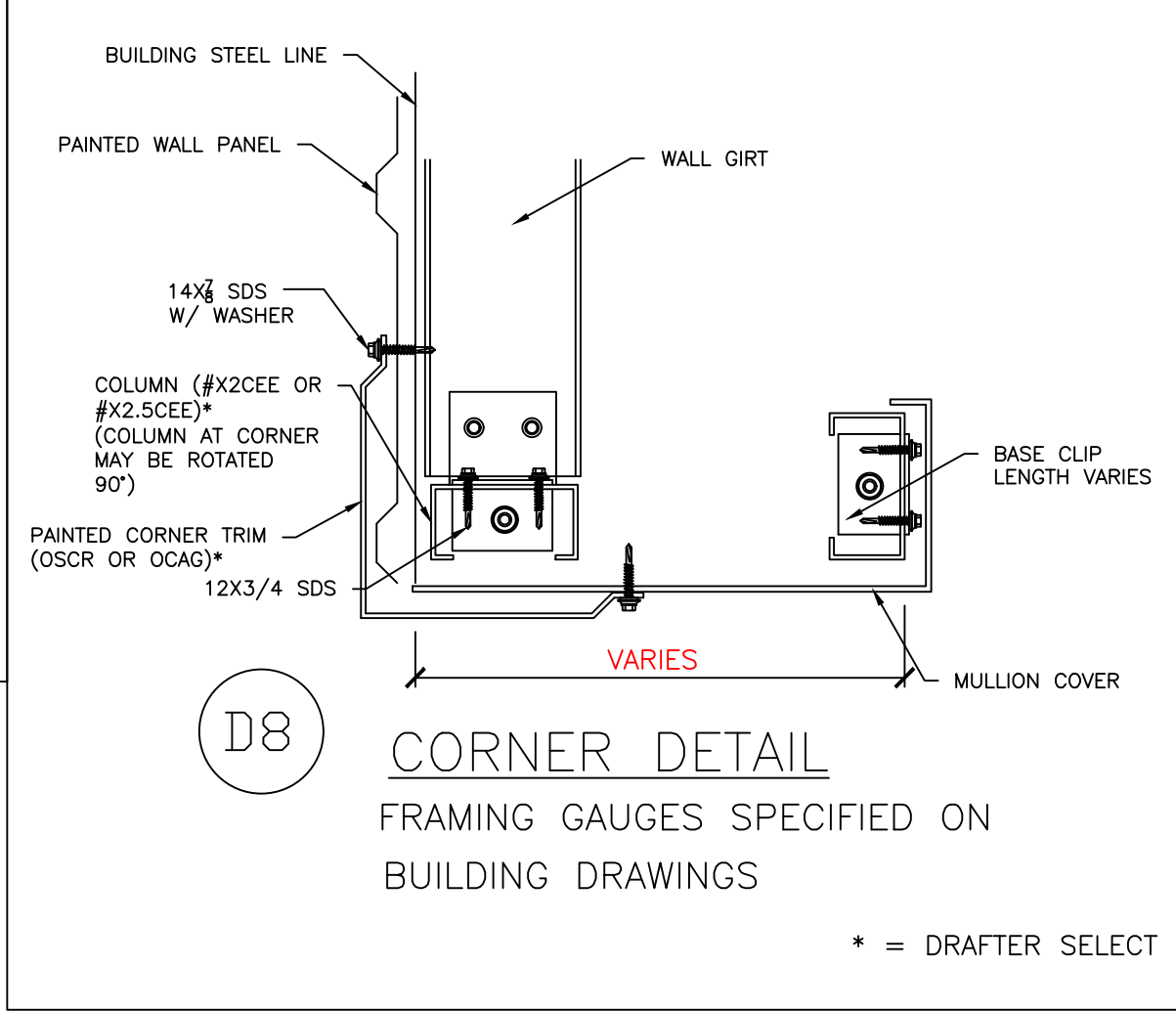
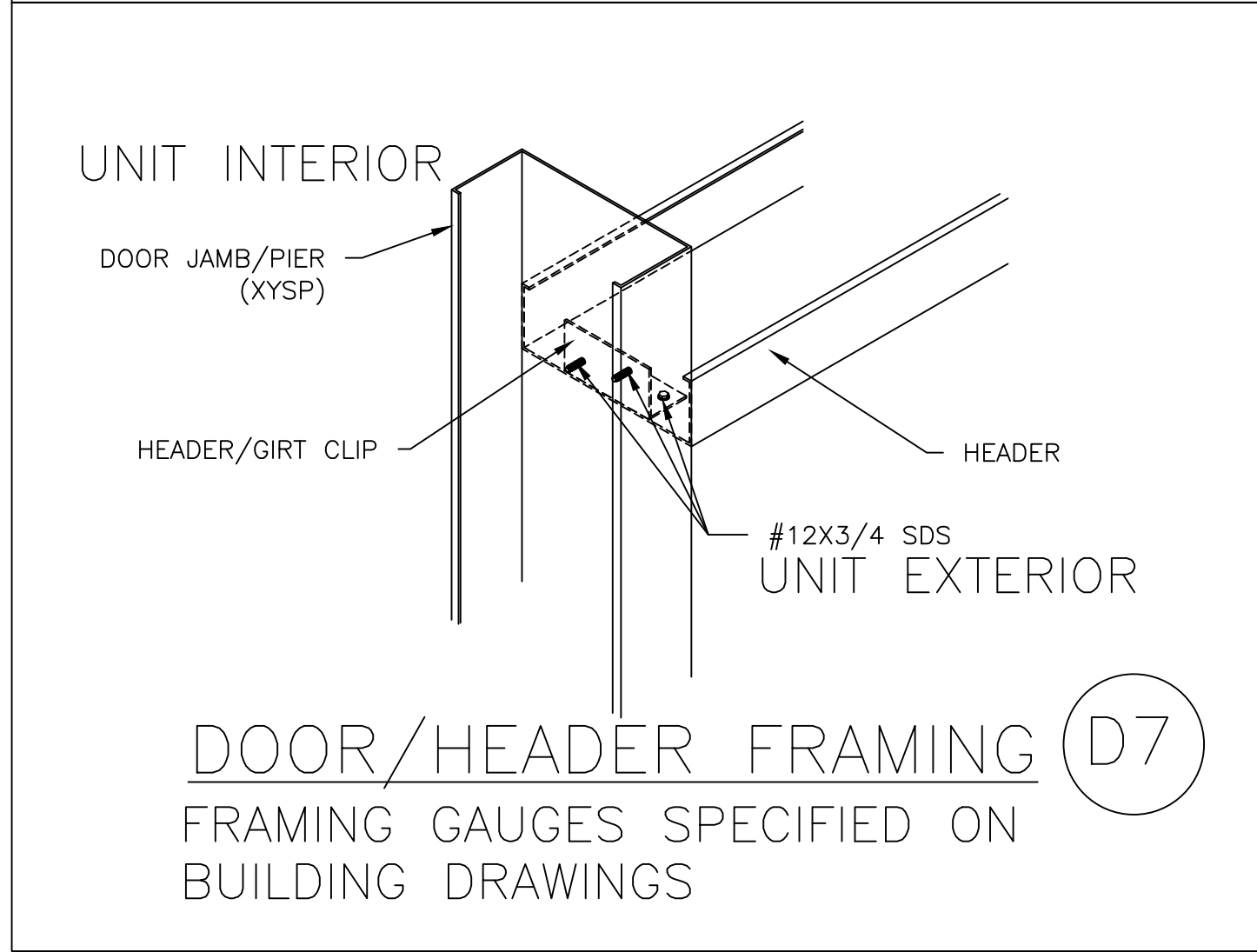
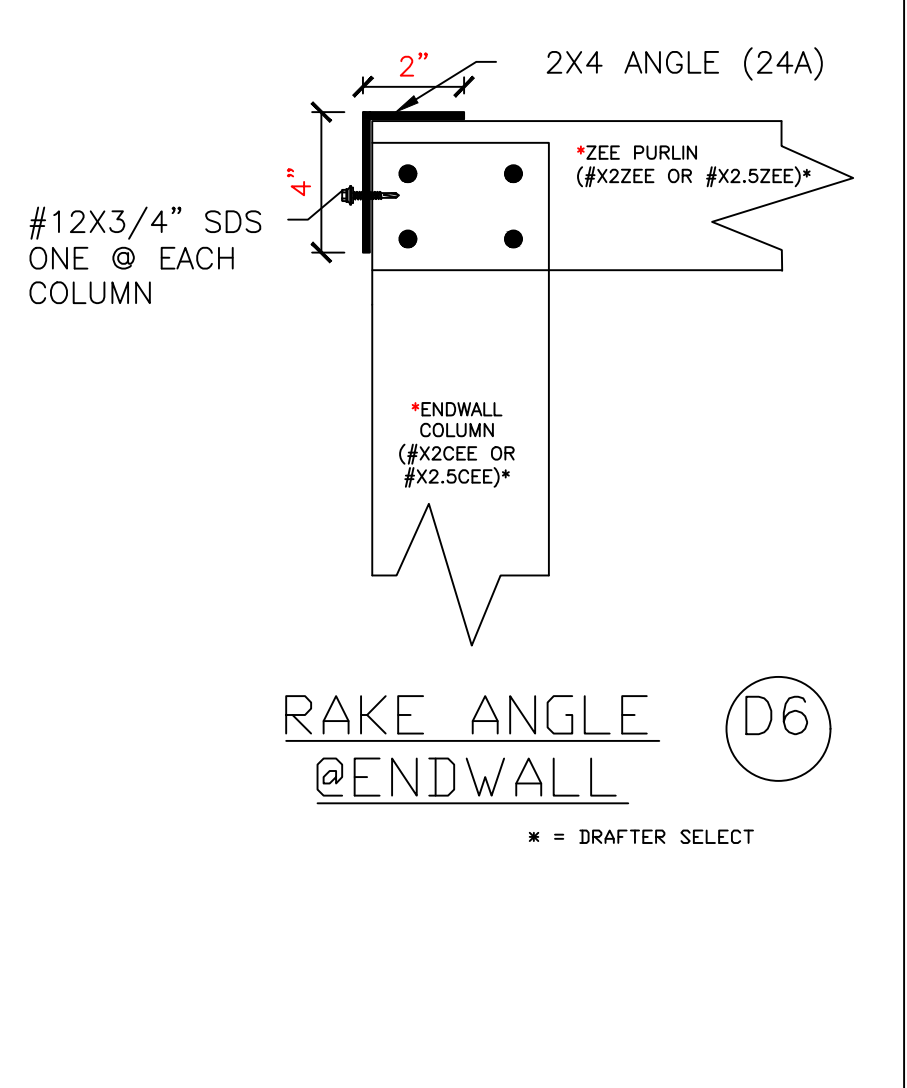
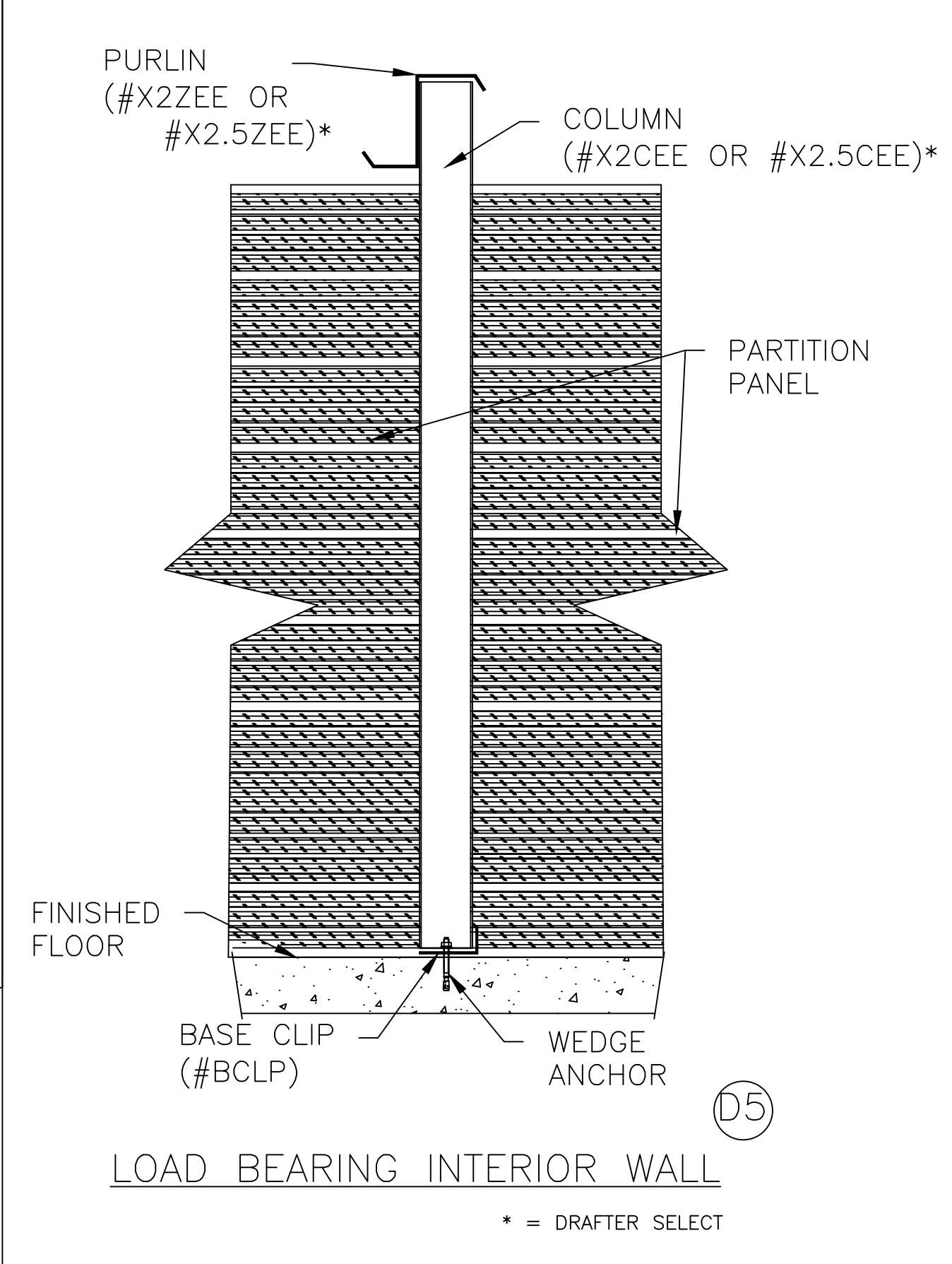
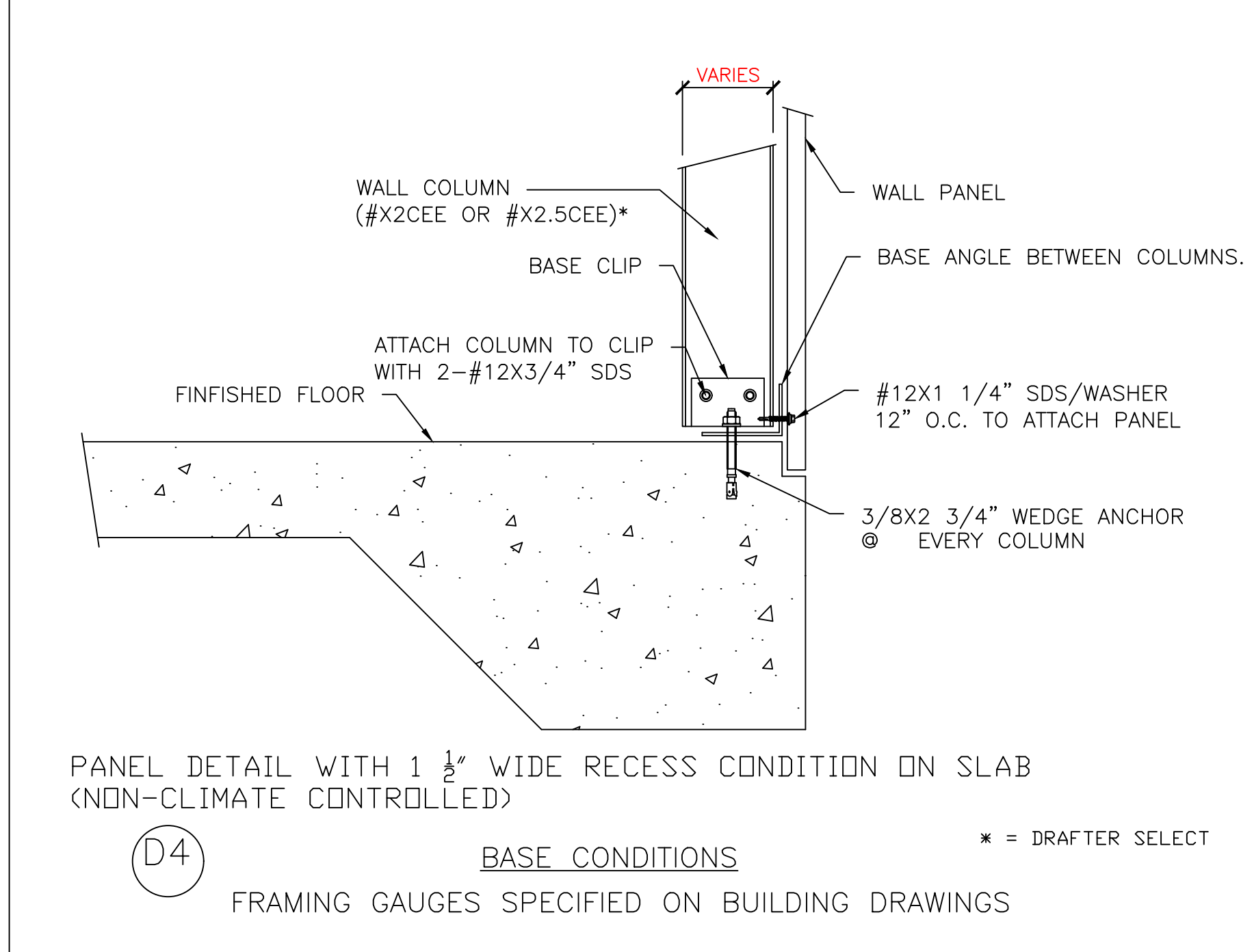
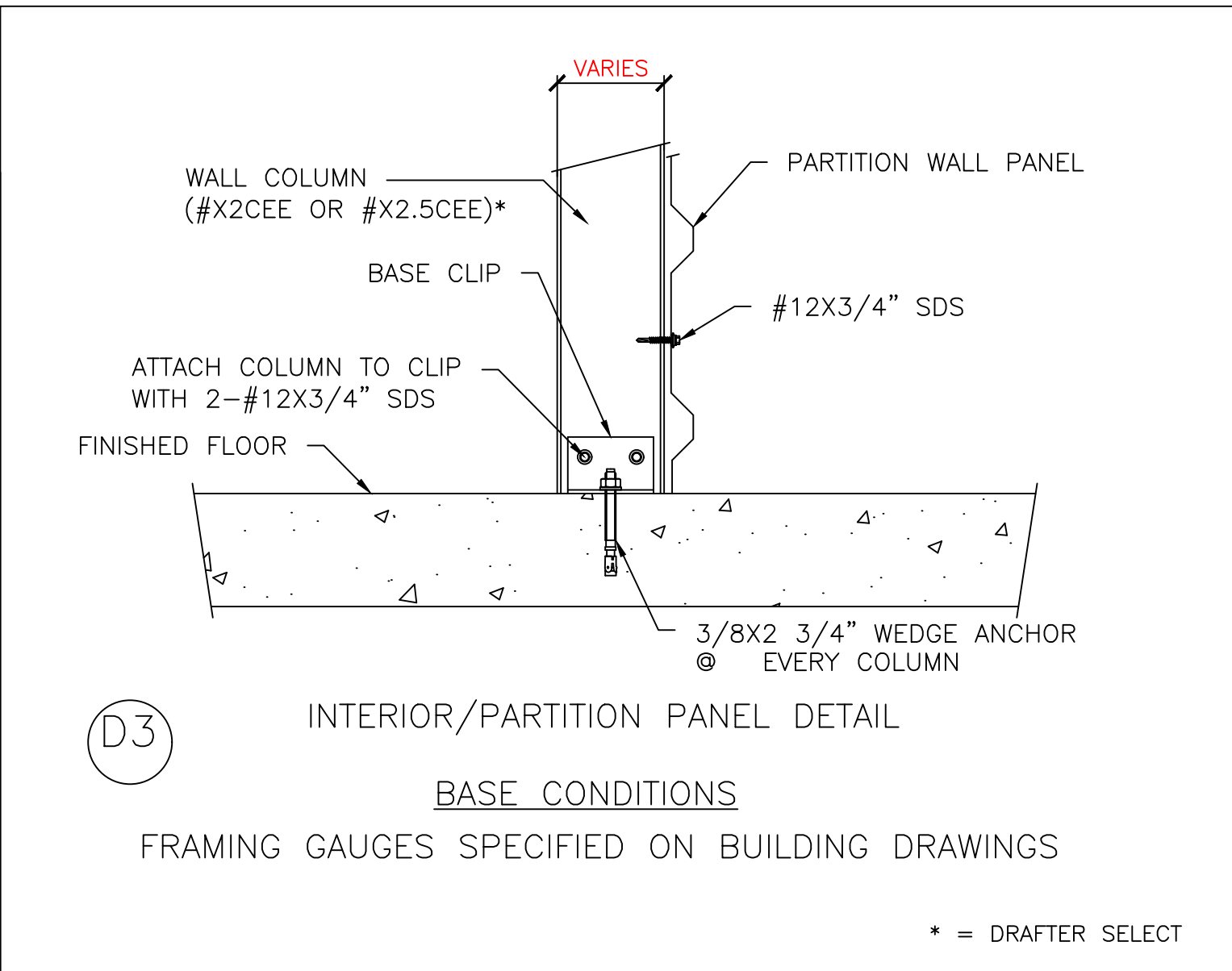
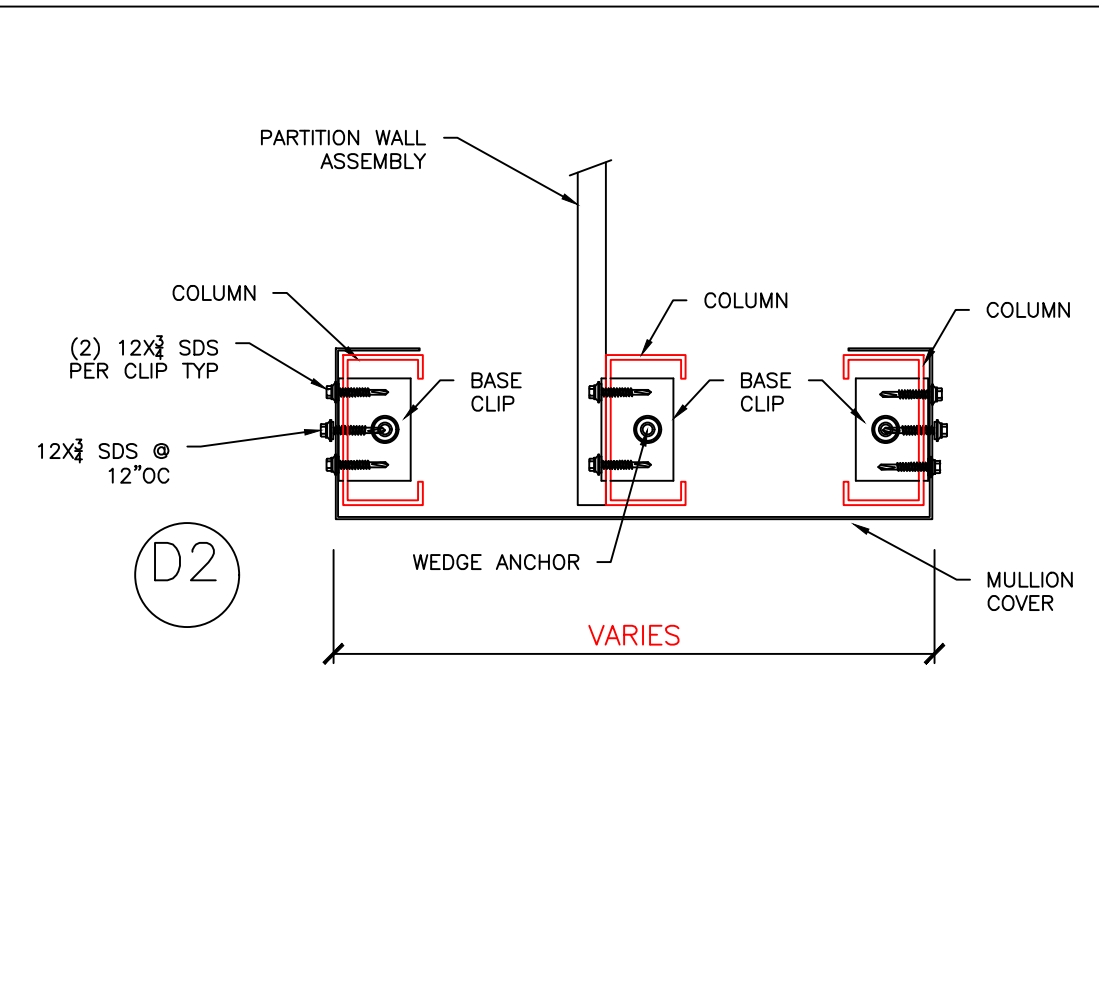
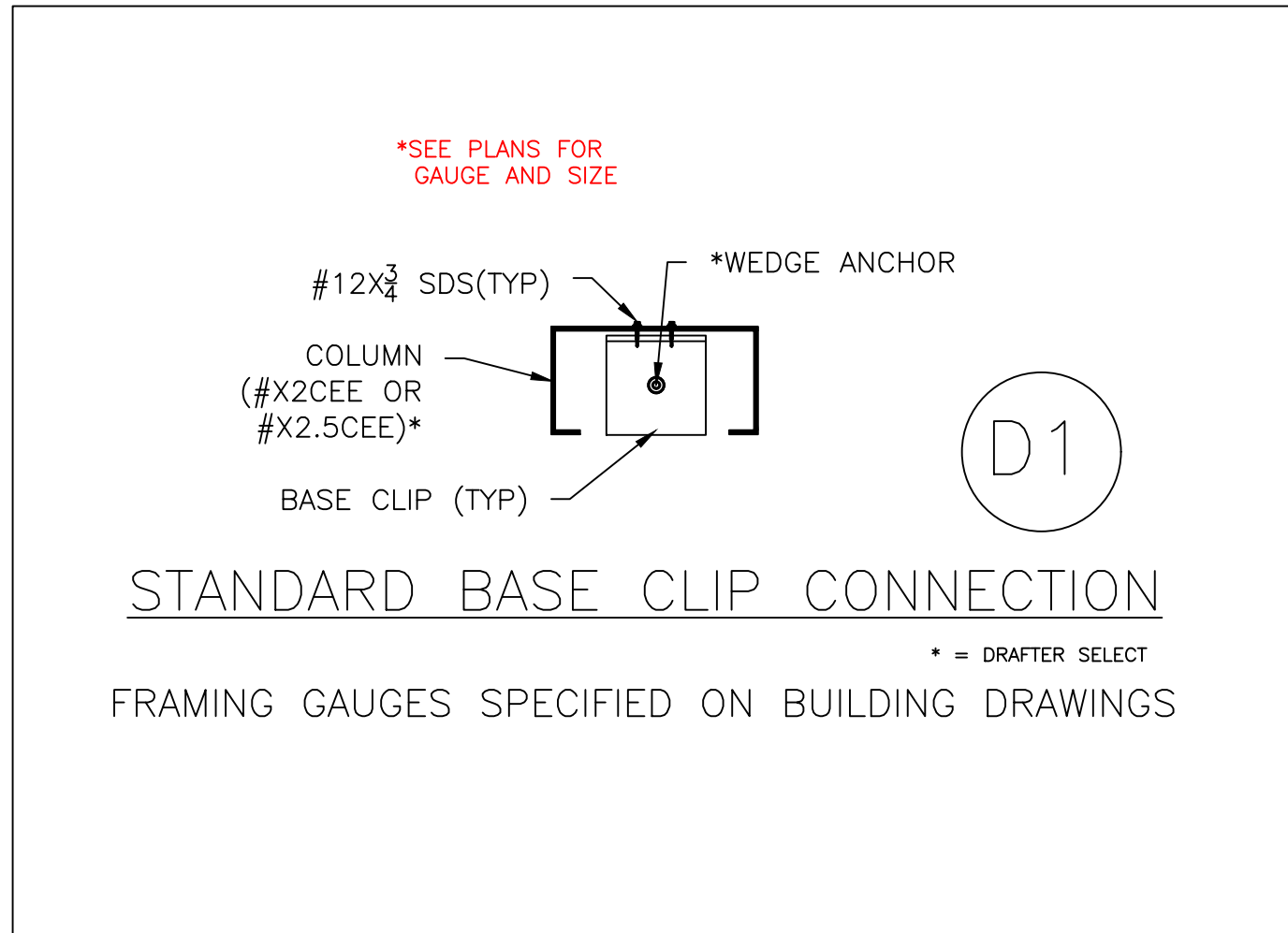
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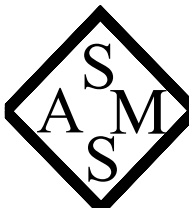
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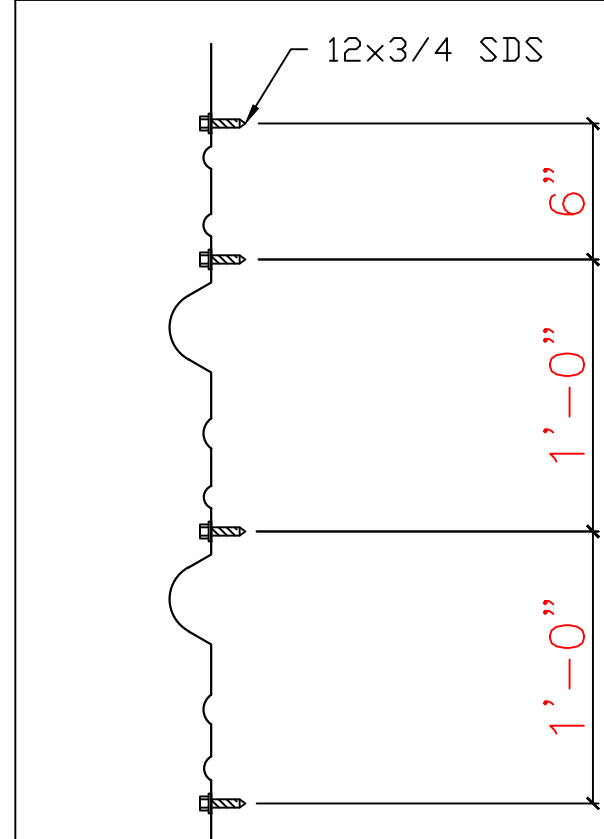
**ENDWALL FRAMING
AND SHEETING**

S600
SHEET NUMBER

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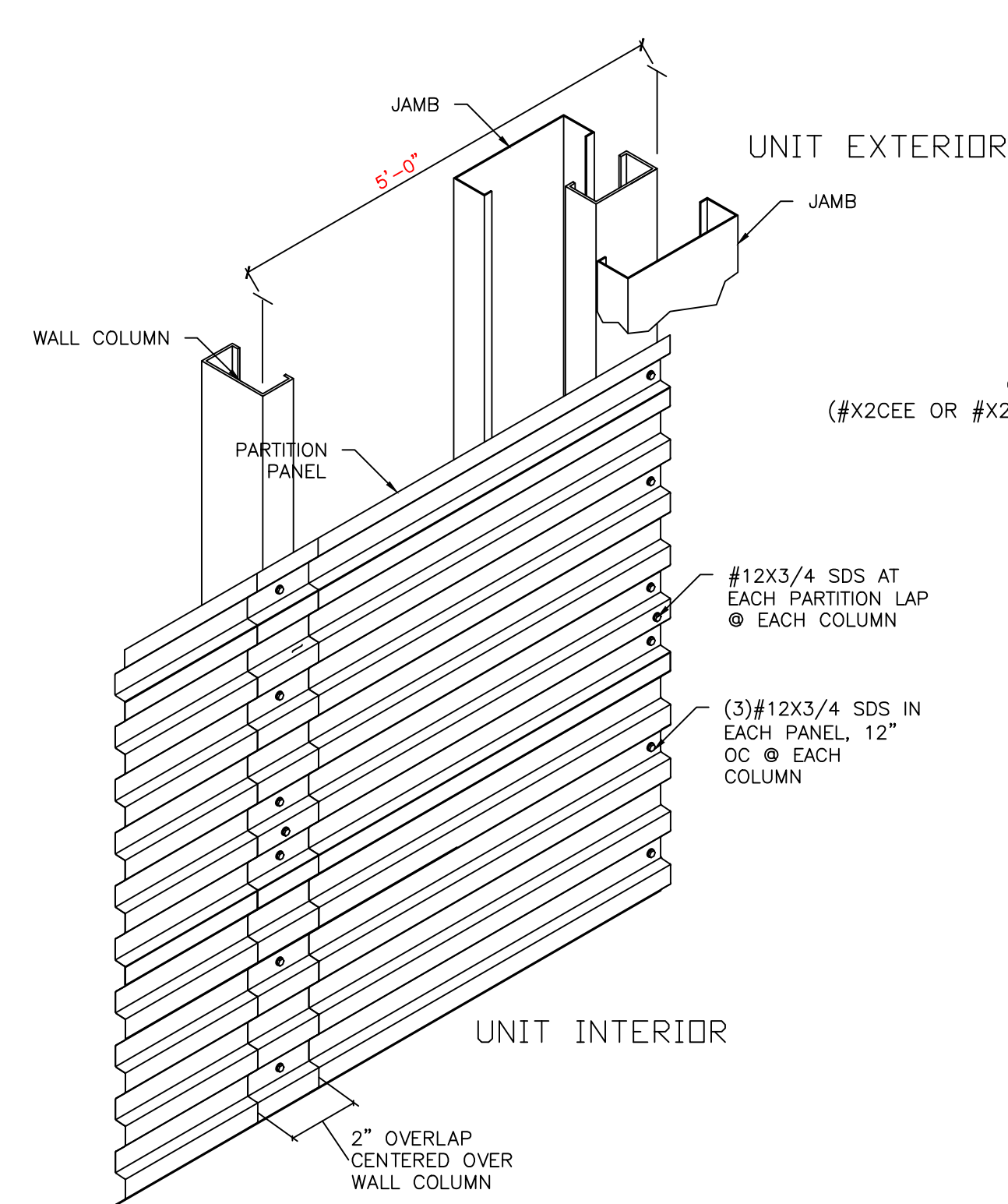


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	LIVE LOAD:		20 PSF	
	SCALE:		##/##/##	
	PROJECT NO.		J21-498	
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	DRAWN BY		E. EVORS	
	CHECKED BY		K. WEAVER	
	DETAILS		S700	
SHEET DESCRIPTION		SHEET NUMBER		



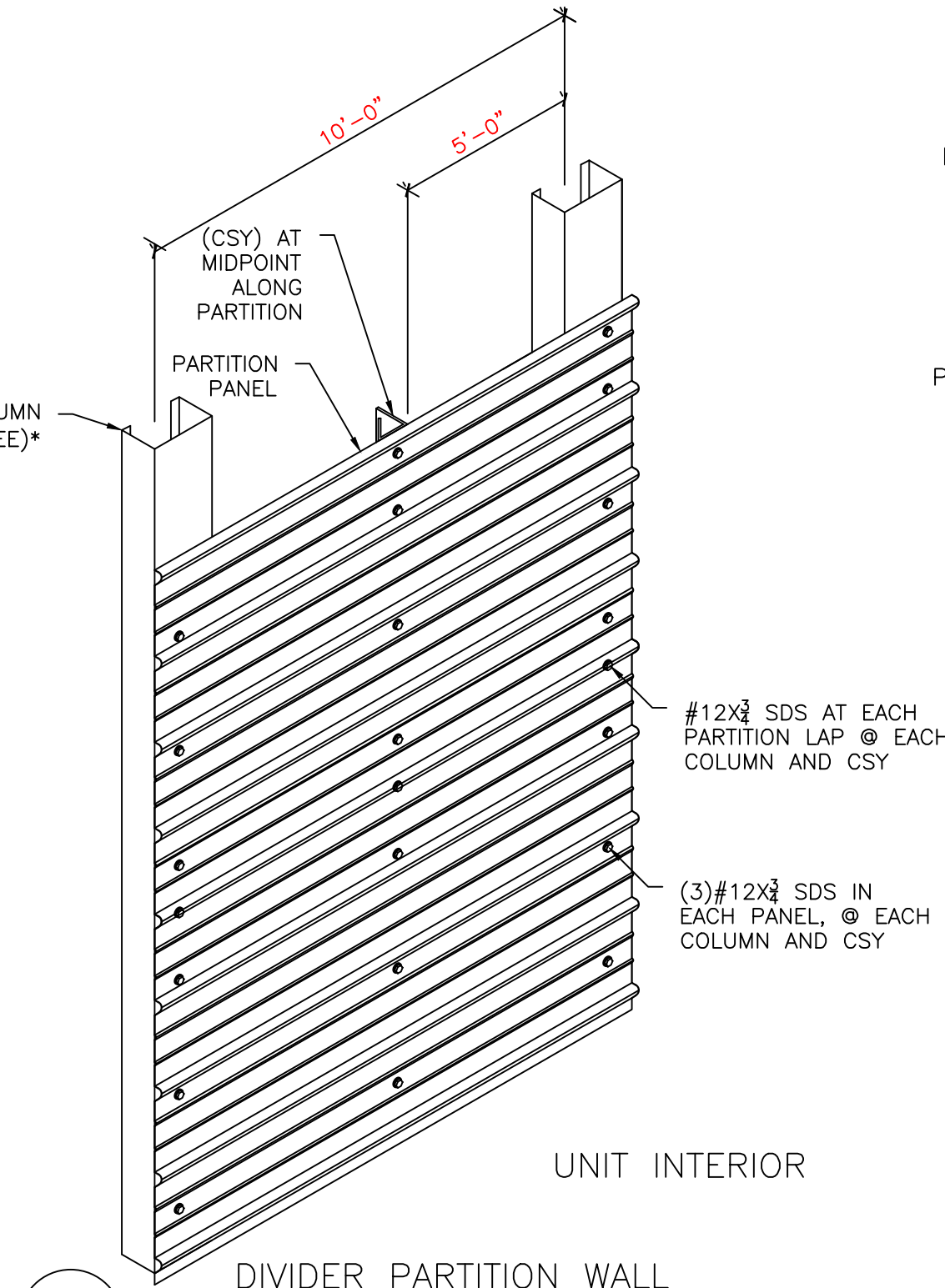
TYP. PARTITION FASTENER PATTERN
PARTITION FASTENER PATTERN FOR TYPICAL INTERIOR
SUPPORT CONNECTION

D1



D2

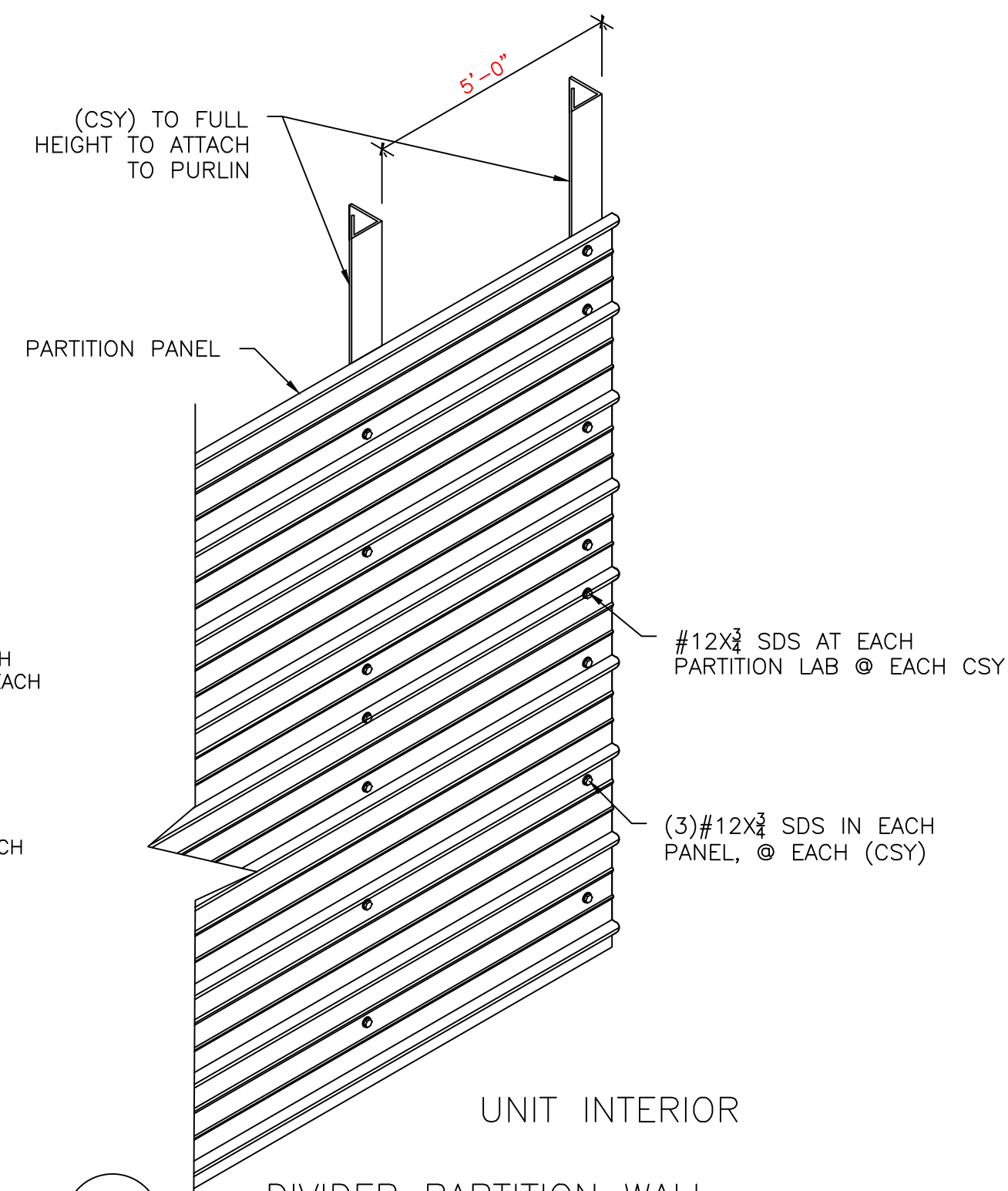
PARTITION WALL FRAMING @ EXTERIOR DOOR DETAIL
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS



D3

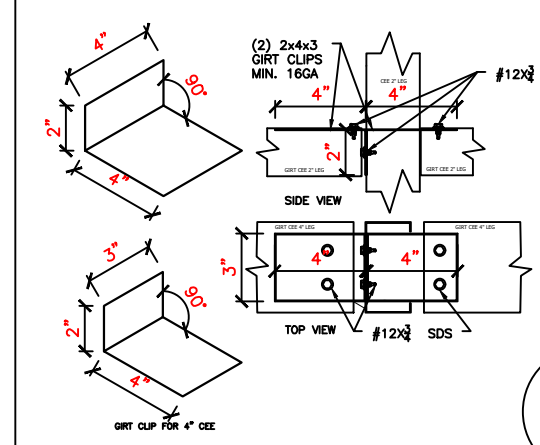
DIVIDER PARTITION WALL
FRAMING DETAIL CONDITION 1
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

* = DRAFTER SELECT



D4

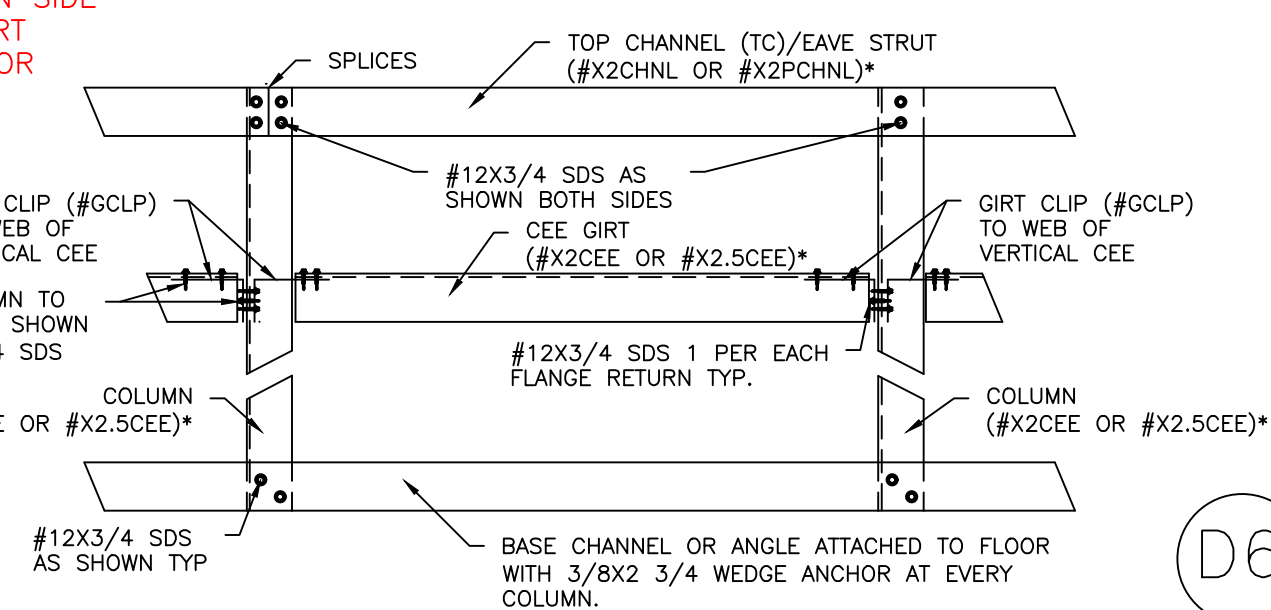
DIVIDER PARTITION WALL
FRAMING DETAIL CONDITION 2
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS



D5

GIRT CONNECTION DETAIL
(#GCLP)

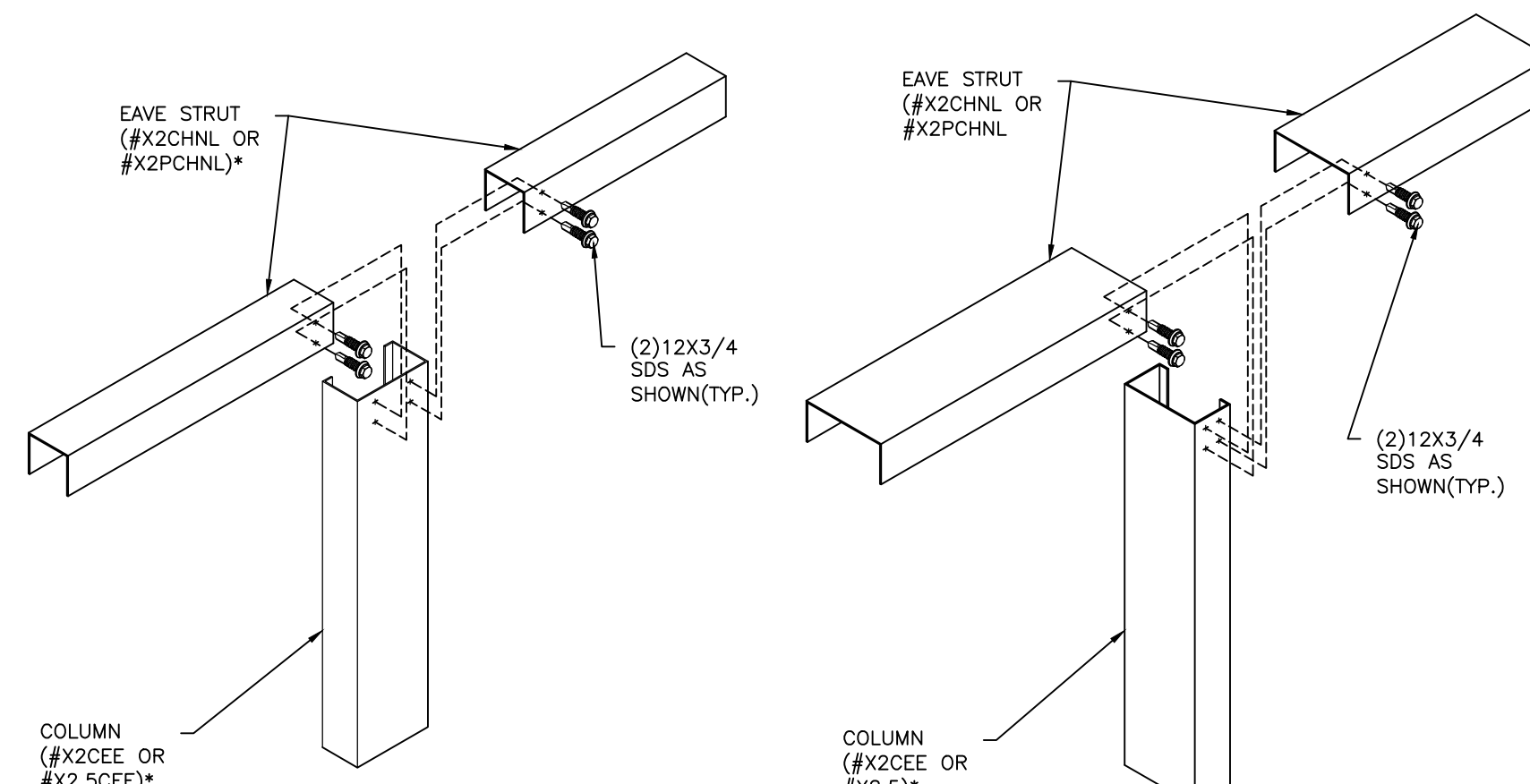
NOTE: OPEN SIDE
OF CEE GIRT
FACES FLOOR



D6

SIDEWALL FRAMING AND ENDWALL CONDITION

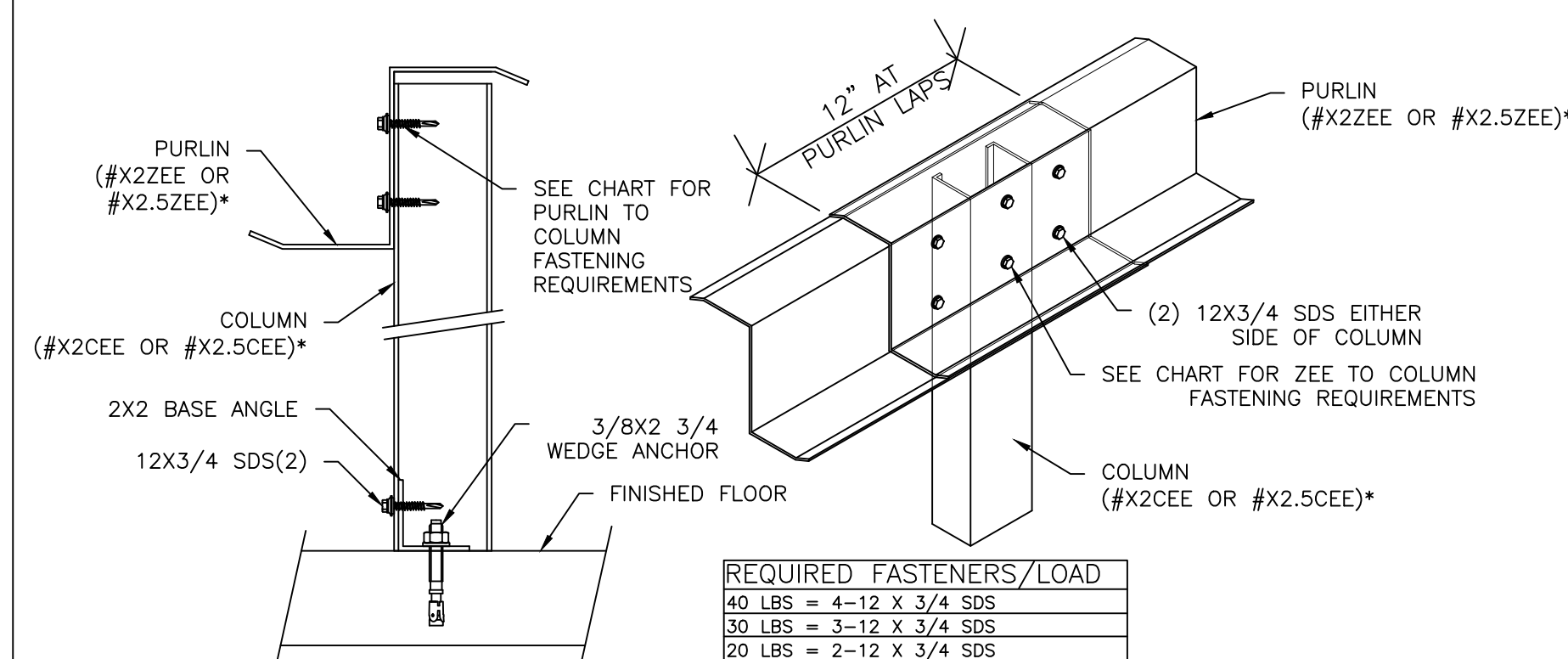
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS * = DRAFTER SELECT



D7

EAVE STRUT END CONNECTION
NTS

* = DRAFTER SELECT



D8

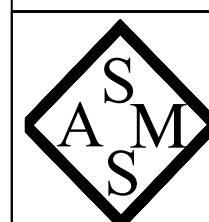
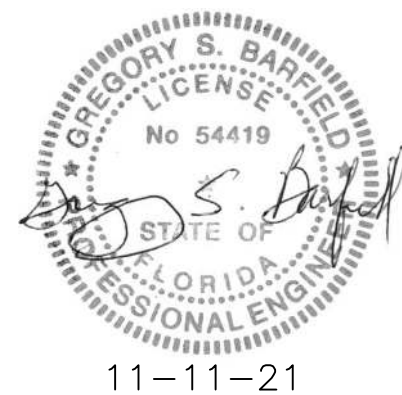
COLUMN FRAMING CONDITION
FRAMING GAUGES SPECIFIED ON BUILDING DRAWINGS

* = DRAFTER SELECT

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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DETAILS
SHEET DESCRIPTION

S701
SHEET NUMBER

