

## DRAWING NOTE

APPROVAL OF THESE DRAWINGS INDICATES THAT THEY HAVE BEEN INTERPRETED CORRECTLY AND HAVE APPLIED THE REQUIREMENTS OF THE CONTRACTS DRAWINGS AND SPECIFICATIONS. WHERE DISCREPANCIES EXIST BETWEEN THESE DRAWINGS AND THE DRAWINGS FOR OTHER TRADES, THE STRUCTURAL STEEL DRAWINGS SHALL GOVERN.

## DESIGN NOTE

DESIGN OF ANY MATERIALS IN THE STRUCTURE, WHICH ARE NOT FURNISHED BY THE MANUFACTURER, ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ENGINEERS OTHER THAN THE MANUFACTURER, UNLESS SPECIFICALLY INDICATED.

## INSTALLATION NOTES

- \* FIELD CUTTING OF COMPONENTS IS REQUIRED FOR FITMENT.
- \* ROOF PANEL LAPS MUST BE SEALED WITH MASTIC TAPE (PROVIDED).
- \* PANELS AND TRIM ARE RECOMMENDED TO BE SET 1/8" ABOVE CONCRETE SURFACE.
- \* FLASHING MUST BE LAPPED A MINIMUM 2" AND SEALED AS NEEDED FOR WATER RESISTANCE.
- \* ALLOW 1/2" TOLERANCE FOR GIRTS AND HEADERS

## BUILDING LAYOUT

WIDTH (ft.): 40  
 LENGTH (ft.): 325  
 EAVE HEIGHT (ft.): 16 HS  
 ROOF SLOPE (Rise/12): 0.5

## PANEL SELECTION

ROOF: SS-II 24 Ga. Steel Gray.  
 WALL: SSX 26 Ga. Hawaiian Blue.  
 PARTITION: REVERSE-LRX 29 Ga. Galv.  
 LINER: None

## STANDARD ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	EOS	EDGE OF SLAB	OA	OVERALL
APPR	APPROXIMATE	FBO	FURNISHED BY OTHERS	OC	ON CENTER
BLDG	BUILDING	FND	FOUNDATION	OD	OUTSIDE DIAMETER
BLK	BLOCK	FOB	FACE OF BLOCK / BRICK	OPP	OPPOSITE
BM	BEAM	FOS	FACE OF STEEL	PTN	PARTITION
BOT	BOTTOM	FT	FOOT / FEET	RAD	RADIUS
BLK	BLOCK	FTG	FOOTING	REF	REFERENCE
C/L	CENTERLINE	GA	GAUGE	REQD	REQUIRED
CJ	CAULK JOINT	GALV	GALVANIZED	REINF	REINFORCED
CLG	CEILING	GC	GENERAL CONTRACTOR	RO	ROUGH OPENING
COL	COLUMN	GRND	GROUND	SECT	SECTION
CONC	CONCRETE	GR	GRADE	SF	SQUARE FOOTAGE
CTR	CENTER	GYP	GYPSONUM WALL BOARD	SIM	SIMILAR
DBL	DOUBLE	HORIZ	HORIZONTAL	SQ	SQUARE
DET	DETAIL	HT	HEIGHT	STD	STANDARD
DIA	DIAMETER	INS	INSULATION	STL	STEEL
DWG	DRAWING	INT	INTERIOR	TOB	TOP OF BEAM
DIM	DIMENSION	INFO	INFORMATION	TOC	TOP OF CONCRETE
DR	DOOR	JT	JOINT	TOS	TOP OF STEEL
EA	EACH	MAX	MAXIMUM	TOW	TOP OF WALL
ET	ERECTION TOLERANCE	MIN	MINIMUM	TYP	TYPICAL
EJ	EXPANSION JOINT	MISC	MISCELLANEOUS	UNO	UNLESS NOTED OTHERWISE
EL	ELEVATION	MTL	METAL	VAR	VARIES
EXIST	EXISTING	NIC	NOT IN CONTRACT	VERT	VERTICAL
EXP	EXPANSION	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
EXT	EXTERIOR	NA	NOT APPLICABLE	WO	WITHOUT
		NO	NUMBER	WT	WEIGHT

## RESPONSIBILITIES

1. THE BUILDING MANUFACTURER'S CUSTOMER, HEREAFTER REFERRED TO AS THE "CUSTOMER", OBTAINS AND PAYS FOR ALL BUILDING PERMITS, LICENSES, PUBLIC ASSESSMENTS, PAVING OR UTILITY PRO RATA, UTILITY CONNECTIONS, OCCUPANCY FEES AND OTHER FEES REQUIRED BY ANY GOVERNMENTAL AUTHORITY OR UTILITY IN CONNECTION WITH THE WORK PROVIDED FOR IN THE CONTRACT DOCUMENTS. THE CUSTOMER PROVIDES AT HIS EXPENSE ALL PLANS AND SPECIFICATIONS REQUIRED TO OBTAIN A BUILDING PERMIT. IT IS THE CUSTOMER'S RESPONSIBILITY TO ENSURE THAT ALL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES

2. THE CUSTOMER IS RESPONSIBLE FOR IDENTIFYING ALL APPLICABLE BUILDING CODES, ZONING CODES, OR OTHER REGULATIONS APPLICABLE TO THE CONSTRUCTION PROJECT, INCLUDING THE METAL BUILDING SYSTEM

3. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO INTERPRET ALL ASPECTS OF THE END USER'S SPECIFICATIONS AND INCORPORATE THE APPROPRIATE SPECIFICATION, DESIGN CRITERIA, AND DESIGN LOADS INTO THE ORDER DOCUMENTS SUBMITTED TO THE BUILDING MANUFACTURER

4. IT IS THE RESPONSIBILITY OF THE BUILDING MANUFACTURER TO FURNISH THE METAL BUILDING SYSTEM TO MEET THE SPECIFICATIONS INCLUDING THE DESIGN CRITERIA AND DESIGN LOADS INCORPORATED BY THE CONTRACTOR INTO THE ORDER DOCUMENTS. THE BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR MAKING AN INDEPENDENT DETERMINATION OF ANY LOCAL CODES OR ANY OTHER REQUIREMENTS NOT PART OF THE ORDER DOCUMENTS

5. THE BUILDING MANUFACTURER'S STANDARD SPECIFICATIONS APPLY UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS. THE BUILDING MANUFACTURER'S DESIGN, FABRICATION, QUALITY CRITERIA, STANDARDS, PRACTICE, METHODS AND TOLERANCES SHALL GOVERN THE WORK ANY OTHER INTERPRETATIONS TO THE CONTRARY NOTWITHSTANDING. IT IS UNDERSTOOD BY BOTH PARTIES THAT THE CUSTOMER IS RESPONSIBLE FOR CLARIFICATIONS OF INCLUSIONS OR EXCLUSIONS FROM THE ARCHITECTURAL PLANS.

6. IN CASE OF DISCREPANCIES BETWEEN BUILDING MANUFACTURER'S STRUCTURAL STEEL PLANS AND PLANS FOR OTHER TRADES, THE BUILDING MANUFACTURER'S SHALL GOVERN PER CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES IN THE AISC 330-10; SECTION 3.3.

7. THE CUSTOMER IS RESPONSIBLE FOR OVERALL PROJECT COORDINATION. ALL INTERFACE, COMPATIBILITY AND DESIGN CONSIDERATIONS CONCERNING ANY MATERIALS NOT FURNISHED BY BUILDING MANUFACTURER AND THE BUILDING MANUFACTURER'S STEEL SYSTEM ARE TO BE CONSIDERED AND COORDINATED BY THE CUSTOMER. SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS MUST BE FURNISHED BEFORE THE RELEASE FOR FABRICATION OR THE BUILDING MANUFACTURER'S ASSUMPTIONS WILL GOVERN.

8. ANCHOR RODS AND FOUNDATION EMBEDMENT ARE DESIGNED, FURNISHED, AND SET BY THE CUSTOMER IN ACCORDANCE WITH AN APPROVED DRAWING. DIMENSIONAL ACCURACY SHALL SATISFY THE REQUIREMENT OF SECTIONS 7.5.1 OF CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES IN THE AISC 330-10.

9. ALL OTHER EMBEDDED ITEMS OR CONNECTION MATERIALS BETWEEN THE STRUCTURAL STEEL AND THE WORK OF OTHER TRADES ARE LOCATED AND SET BY THE CUSTOMER IN ACCORDANCE WITH APPROVED LOCATION ON ERECTION DRAWINGS. ACCURACY OF THESE ITEMS MUST SATISFY THE ERECTION TOLERANCE REQUIREMENTS.

10. THE BUILDING MANUFACTURER DOES NOT INVESTIGATE THE INFLUENCE OF THE METAL BUILDING SYSTEMS ON EXISTING BUILDINGS OR STRUCTURES. THE END CUSTOMER ASSURES THAT SUCH BUILDINGS AND STRUCTURES ARE ADEQUATE TO RESIST SNOW DRIFTS, WIND LOADS, OR OTHER CONDITIONS AS A RESULT OF THE PRESENCE OF THE METAL BUILDING SYSTEMS

## DRAWING SCHEDULE

1	LEAD SHEET, GENERAL NOTES, SCHEDULES
2	EXTERIOR ELEVATION PLAN
3	SLAB PLAN
4	FLOOR PLAN
5	FRAMING PLAN
5A	GIRT SPACING
6	PARTITION PLAN
7	RAFTER PLAN
7.1	RAFTER DETAILS
8	ROOF PLAN

## BUILDING LOADS

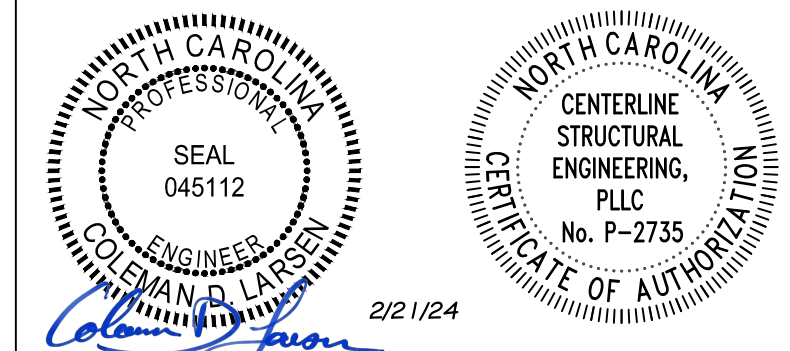
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 DEAD LOAD: 2.0 psf.  
 COLLATERAL LOAD: 1.0 psf.  
 LIVE LOAD: 20.0 psf. (MAX)  
 GROUND SNOW LOAD: 15.0 psf. (MAX)  
 ROOF SNOW LOAD: 12.6 psf. (MAX)  
 WIND SPEED: 117 mph.  
 CLOSED / OPEN: Closed  
 EXPOSURE: C  
 IMPORTANCE - WIND: 1.00  
 IMPORTANCE - SEISMIC: 1.00  
 IMPORTANCE - SNOW: 1.00  
 SEISMIC CATEGORY: C  
 SEISMIC COEFFICIENT: 0.28  
 SEISMIC S1: 0.084  
 SEISMIC Sds: 0.187  
 SEISMIC Sd1: 0.134  
 SEISMIC BASE SHEAR: 0.667\*le\*Fa\*Ss\*W/R  
 INTERNAL WIND COEFFICIENT: -0.18 / +0.18  
 OCCUPANCY: II - Normal

# FUQUAY VARINA, NC 27526 (BUILDING-BR1)

## CONFIDENTIAL AND PROPRIETARY INFORMATION

THE INFORMATION AND DESIGNS CONTAINED IN THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. NEITHER THIS DESIGN NOR ANY INFORMATION CONTAINED IN THIS DRAWING MAY BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT EXPRESS WRITTEN CONSENT.

Notes:



REV: DESCRIPTION: BY: DATE:  
 STATUS: CONSTRUCTION ISSUE

12226-33770-BR1



SITE: FUQUAY VARINA  
 NC 27526  
 TITLE: 40' x 325' x 16"-0" HS  
 SIZE: 1 of 8  
 DATE: 02/16/24  
 DRAWN: NMB  
 CHECKED: ALI  
 SHEET NO: 12226-33770-BR1  
 REVISION:

## SHEET ABBREVIATIONS

RL	29 Ga. SSX LINER PANEL
RR	26 Ga. SSX ROOF PANEL
RW	26 Ga. SSX WALL PANEL
ML	29 Ga. LRX LINER PANEL
MW	26 Ga. LRX WALL PANEL
RML	29 Ga. REVERSE LR PARTITION PANEL
RMW	26 Ga. REVERSE LRX WALL PANEL
SSR	SSII 24 Ga. SSR PANEL

## SSR ABBREVIATIONS

SS2BUP 24"	24" BACK UP PLATE
SS2ED 24"	24" OUTSIDE CLOSURE
EP7600	EAVE PLATE - LOW
HW-7616	EAVE PLATE - HIGH
HW-200	FIXED CLIP - LOW
HW-204	FIXED CLIP - HIGH
HW-426	INSIDE CLOSURE
CS324	CINCH STRAP
GS501	GUTTER STRAP
SS2RSLG	RAKE PLATE - LOW
SS2RSLG	RAKE PLATE - HIGH

## TRIM ABBREVIATIONS

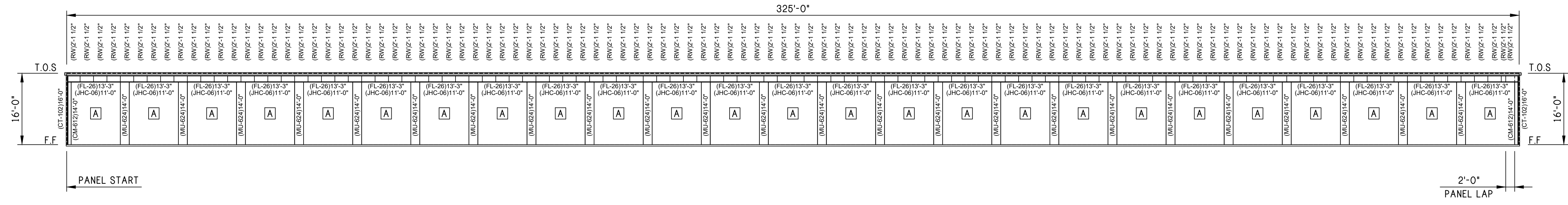
DFR	DIE FORMED RIDGE CAP
MT-134	DOOR JAMB COVER
DS-101	DOWNSPOUT WITH DIVERTER
DSS-105	DOWNSPOUT STRAP
JHC-06	DOOR HEADER COVER
ET-80	EAVE TRIM
FL-134	RAKE END
GS-501	GUTTER STRAP
CM-406	HALF MULLION COVER
FL-17	HIGH SIDE EAVE TRIM
FL-26	HEAD TRIM
IA	INSIDE ANGLE
ICT-801	INSIDE CORNER
ICB	INSIDE CORNER BOX
ISCL	INSIDE CLOSURE
JT-101	JAMB TRIM
MU-412	12" MULLION COVER
MU-424	24" MULLION COVER
OA	OUTSIDE ANGLE
CT-102	OUTSIDE CORNER
FL-16C	OUTSIDE CORNER BOX
OSCL	OUTSIDE CLOSURE
FL-125	PEAK BOX
MT-139	PARTITION TOP TRIM
FL-240A	GUTTER
FL-110	RAKE TRIM
SSC	SILICONE SEALANT CAULK
MT-101	RAKE PLATE - LOW
WT-101	RAKE PLATE - HIGH
	WAINSCOT TRIM

## FASTENER ABBREVIATIONS

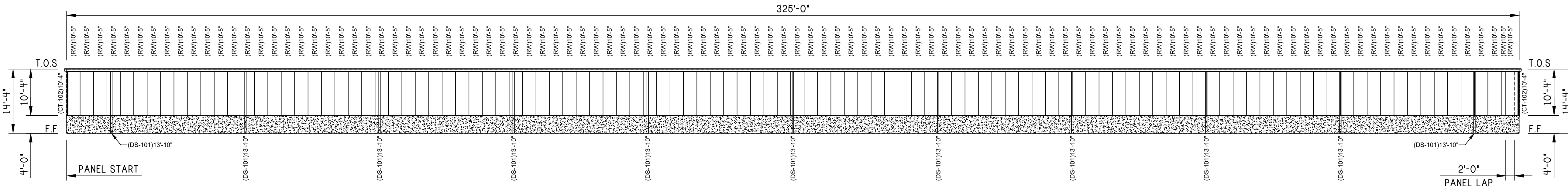
SB	1/2" x 3" SCREW BOLT - DeWalt SCREW-BOLT + (PFM1411380)	BASE TO SLAB CONNECTIONS
DP	1/4" x 1 1/4" DRIVE PIN	BASE TO SLAB CONNECTIONS
MFS058NW	*10 x 5/8" SD NO WASHER	SPECIAL TRIM CONNECTIONS
SD100NW	*12 x 1" SD	STRUCTURAL STEEL CONNECTIONS
MFS114	*12 x 1 1/4" SD	WALL SHEETING
MFSZAC114	*12 x 1 1/4" LONG LIFE SD	ROOF SHEETING
LS078	*14 x 7/8" LAP SCREW	WALL PANEL LAP
LSZAC078	*14 x 7/8" LONG LIFE LAP SCREW	ROOF PANEL LAP
PR	1/8" POP RIVET	TRIM CONNECTIONS
MFS0100	*17-14 x 1" SELF TAPPING	SS-II END LAP ATTACHMENT
MFS0112	1/4"-14 x 1 1/2" SD	SS-II CLIP ATTACHMENT

Notes:

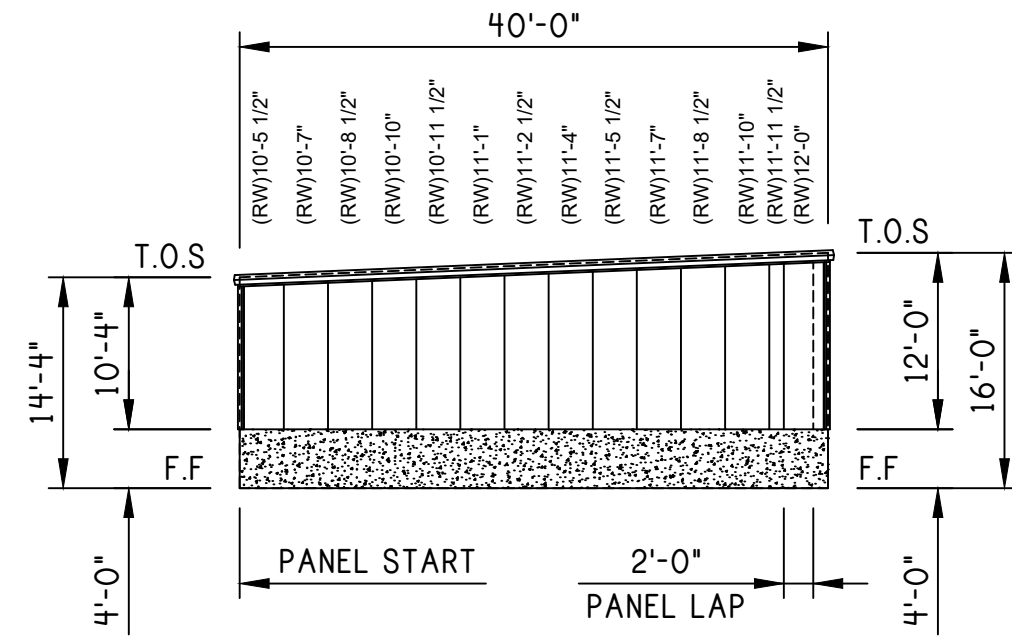
DOOR SCHEDULE
A (25) 11'-0" X 14'-0" FRAMED OPENINGS.



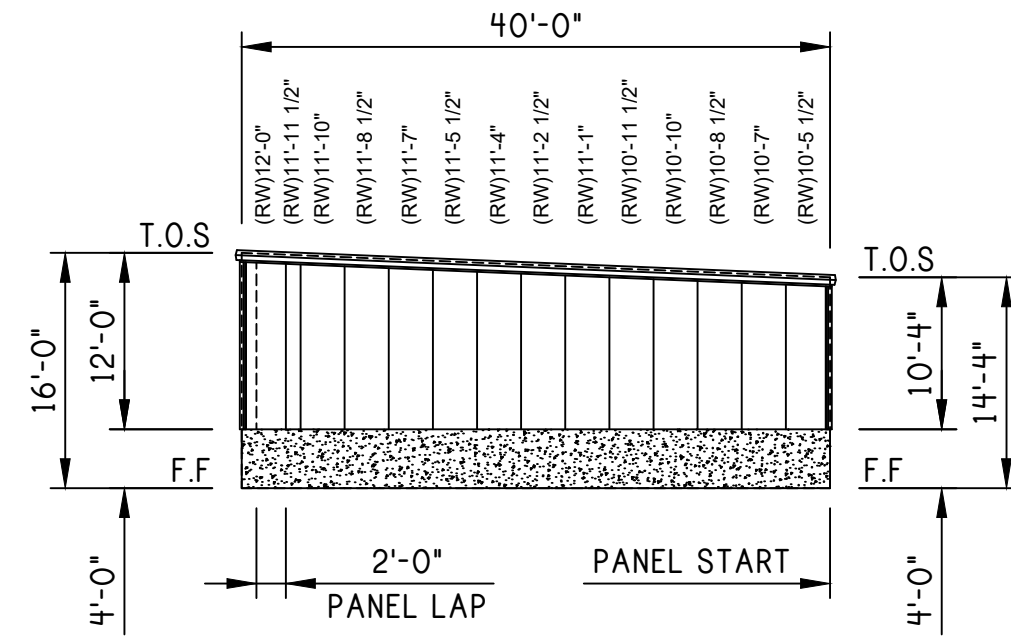
FRONT ELEVATION



REAR ELEVATION

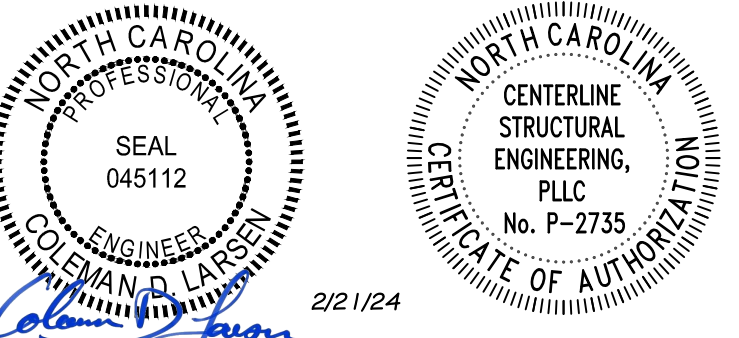


LEFT ELEVATION



RIGHT ELEVATION

EXTERIOR ELEVATIONS



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12226-33770-BR1



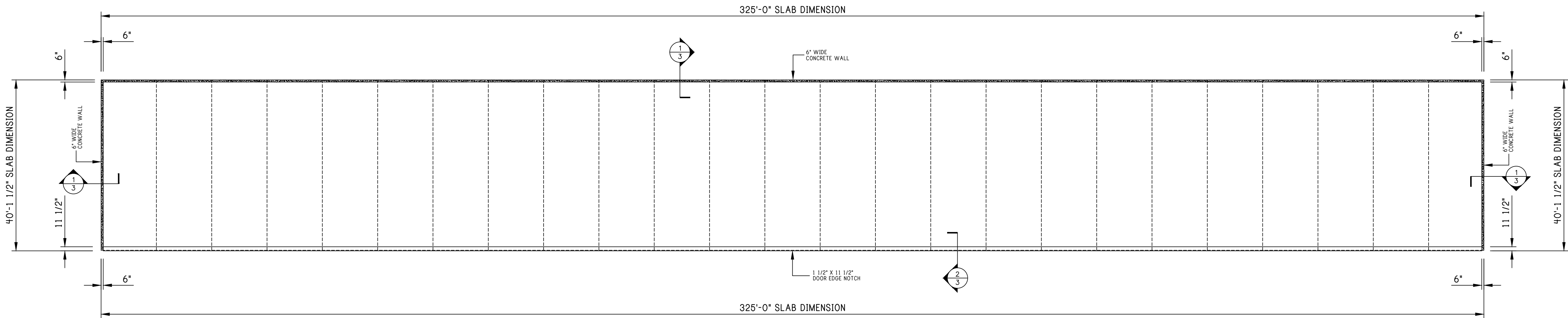
SITE: FUQUAY VARINA NC 27526

TITLE: 40' x 325' x 16"-0" HS

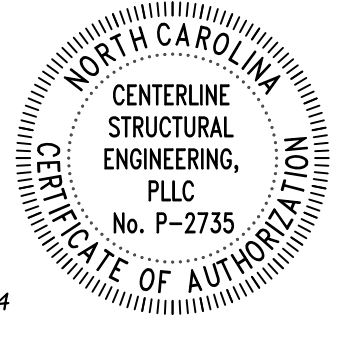
SIZE:	DATE: 02/16/24	DRAWN: NMB	CHECKED: ALI
SHEET NO: 2 of 8	DRAWING NO: 12226-33770-BR1	REVISION:	

Notes:

1. FOUNDATION DESIGN AND CONSTRUCTION ARE NOT RESPONSIBILITY OF THE BUILDING MANUFACTURER.
2. THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES UPON THE FOUNDATION.



SLAB PLAN



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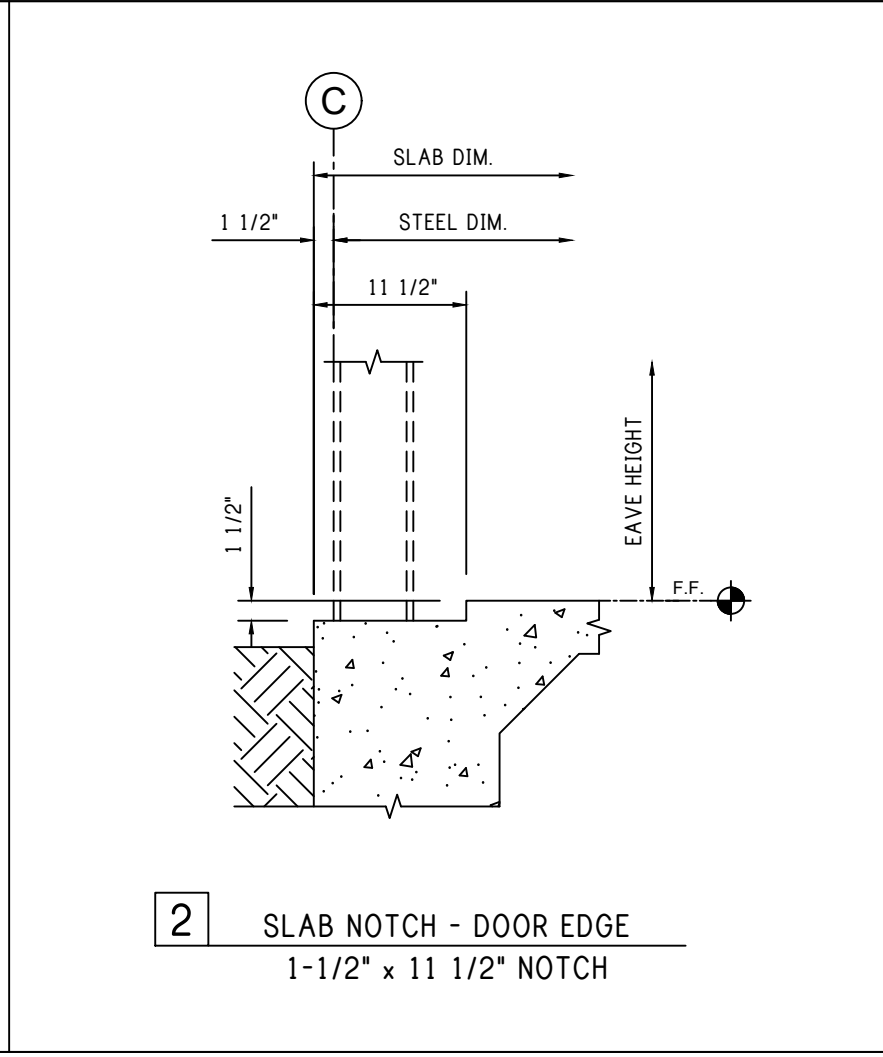
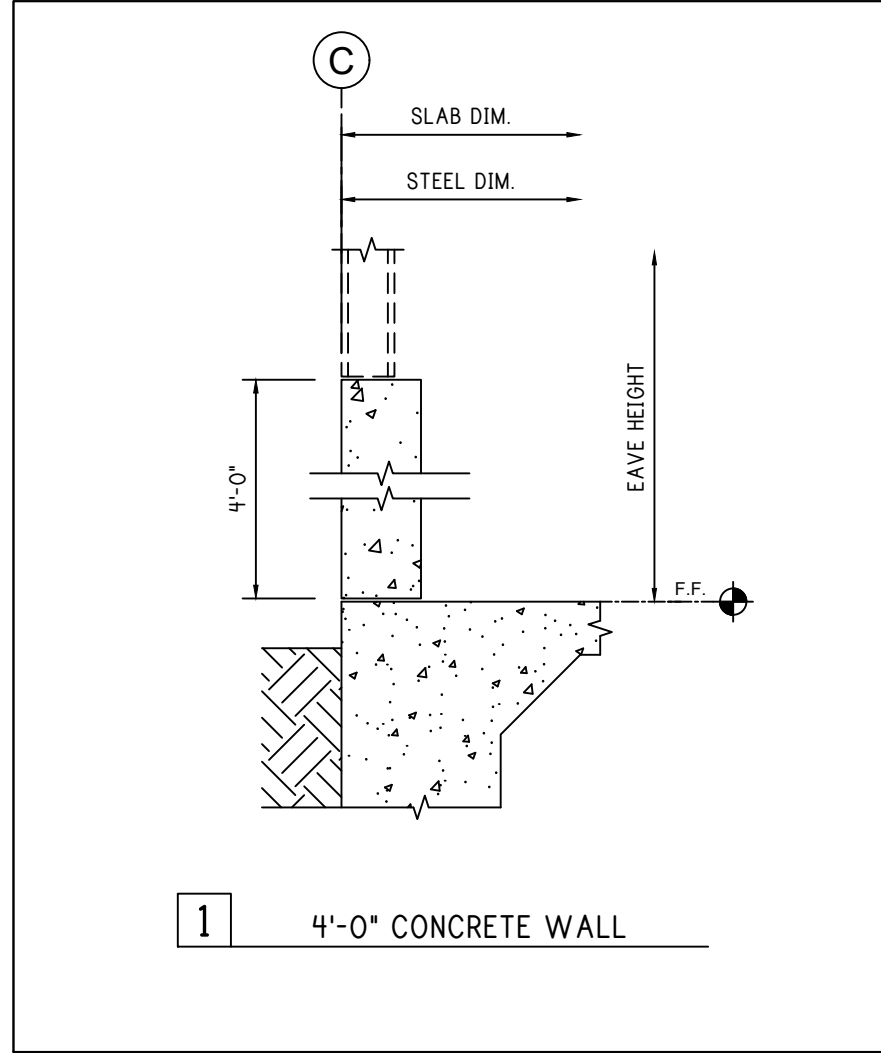
12226-33770-BR1

**PEAK STEEL**  
 CLIENT: P.O. BOX 1275  
 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

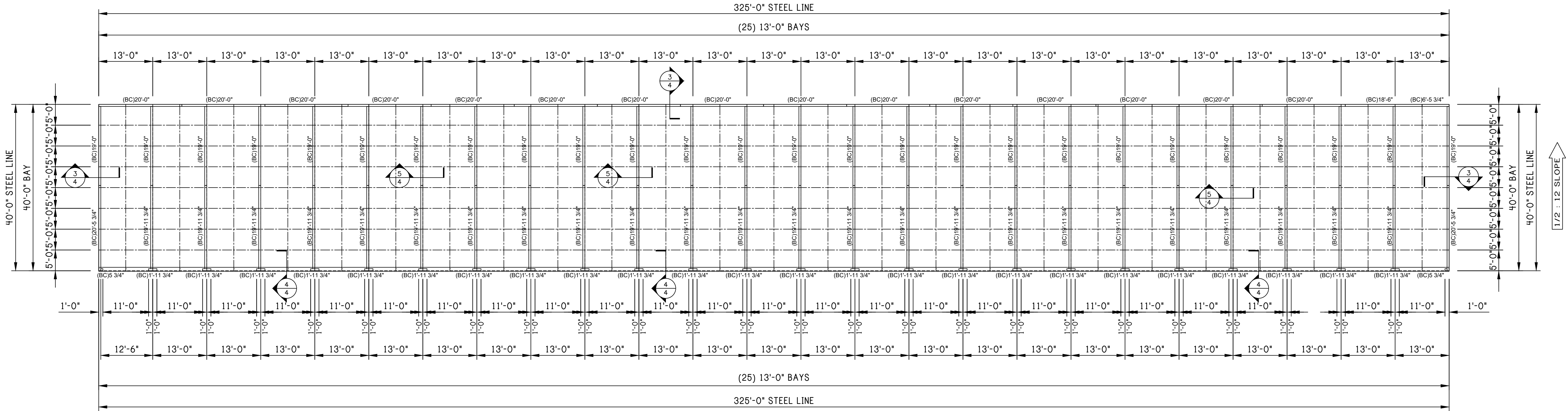
SITE: FUQUAY VARINA  
 NC 27526

TITLE: 40' x 325' x 16"-0" HS

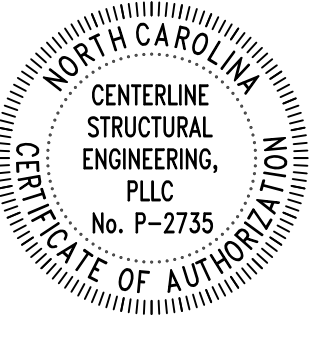
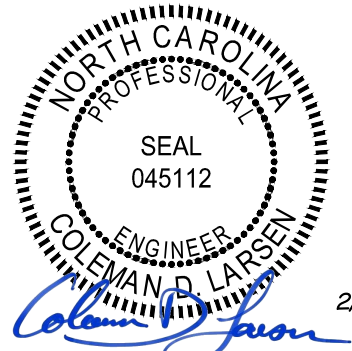
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Notes:



### FLOOR PLAN



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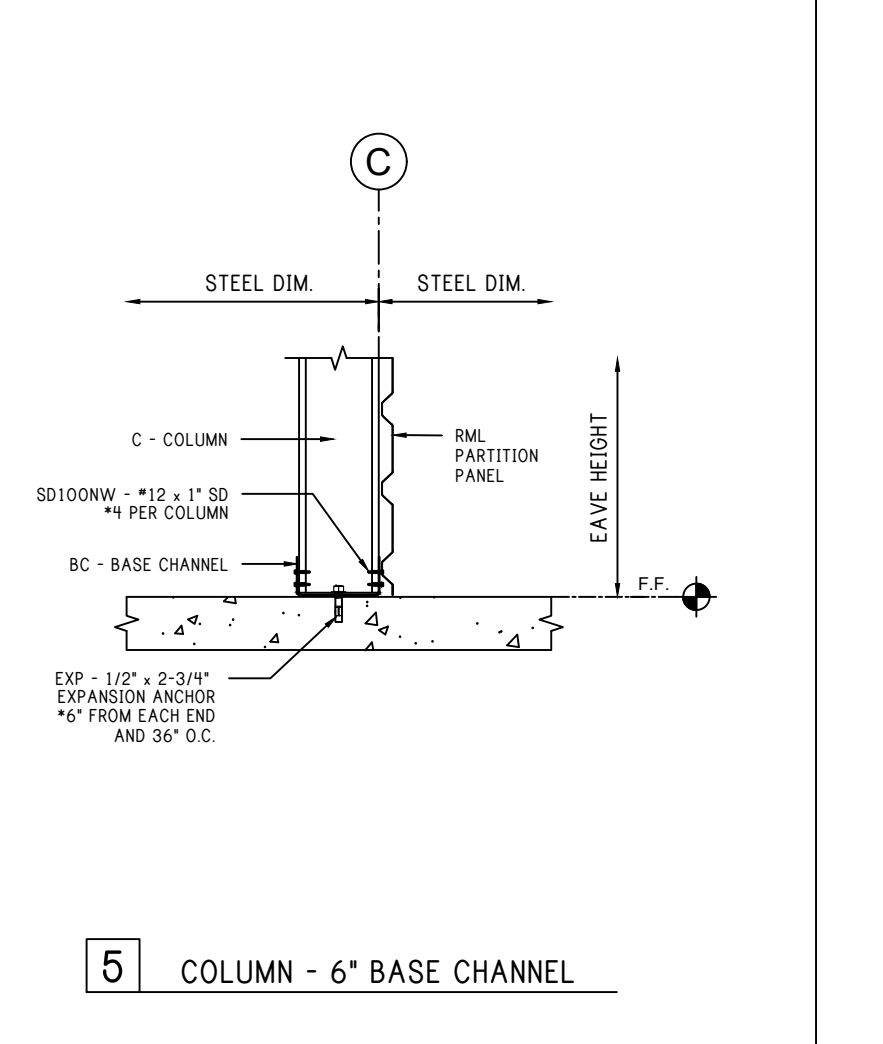
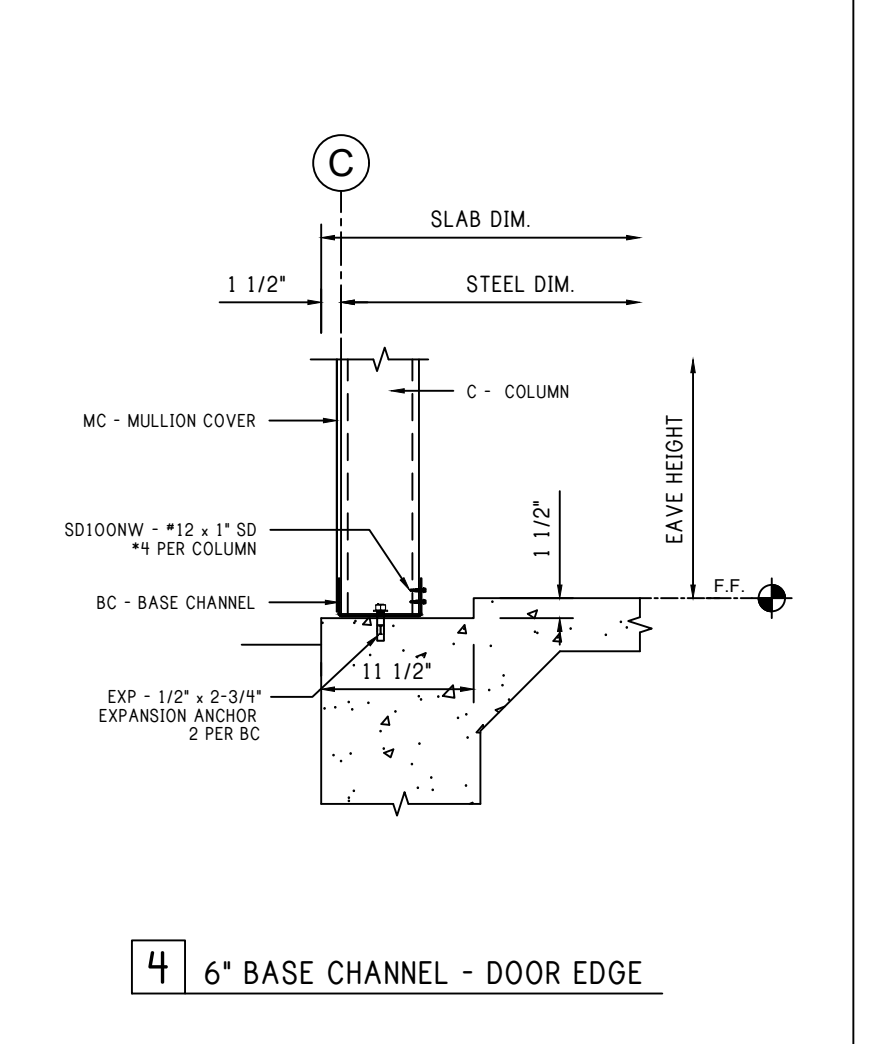
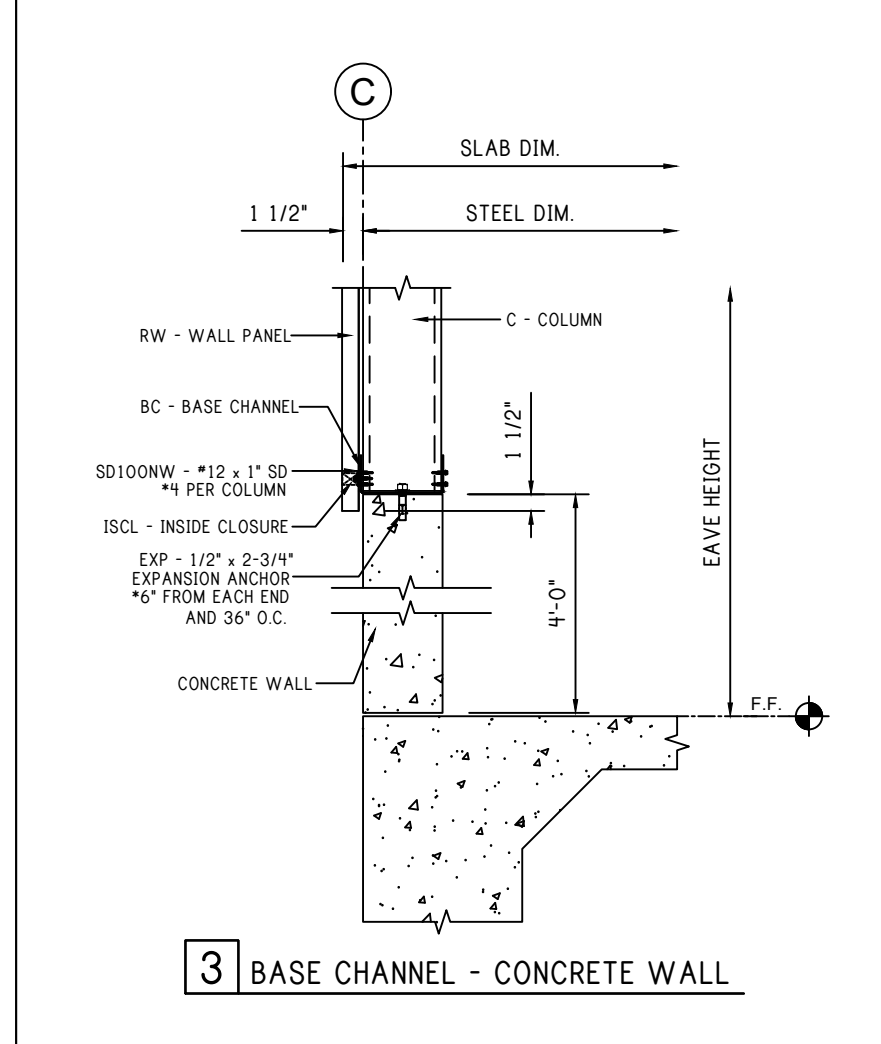


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Fax: (706) 343-1968

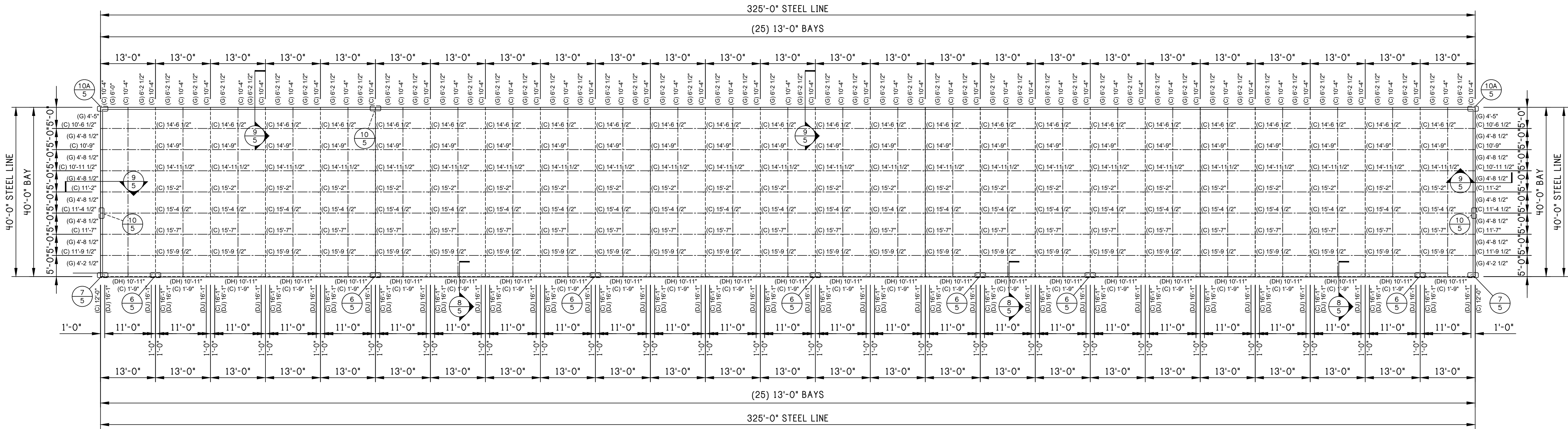
SITE: FUQUAY VARINA  
NC 27526

TITLE: 40' x 325' x 16"-0" HS

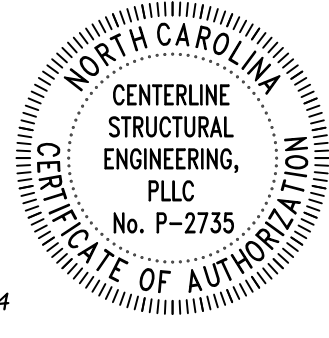
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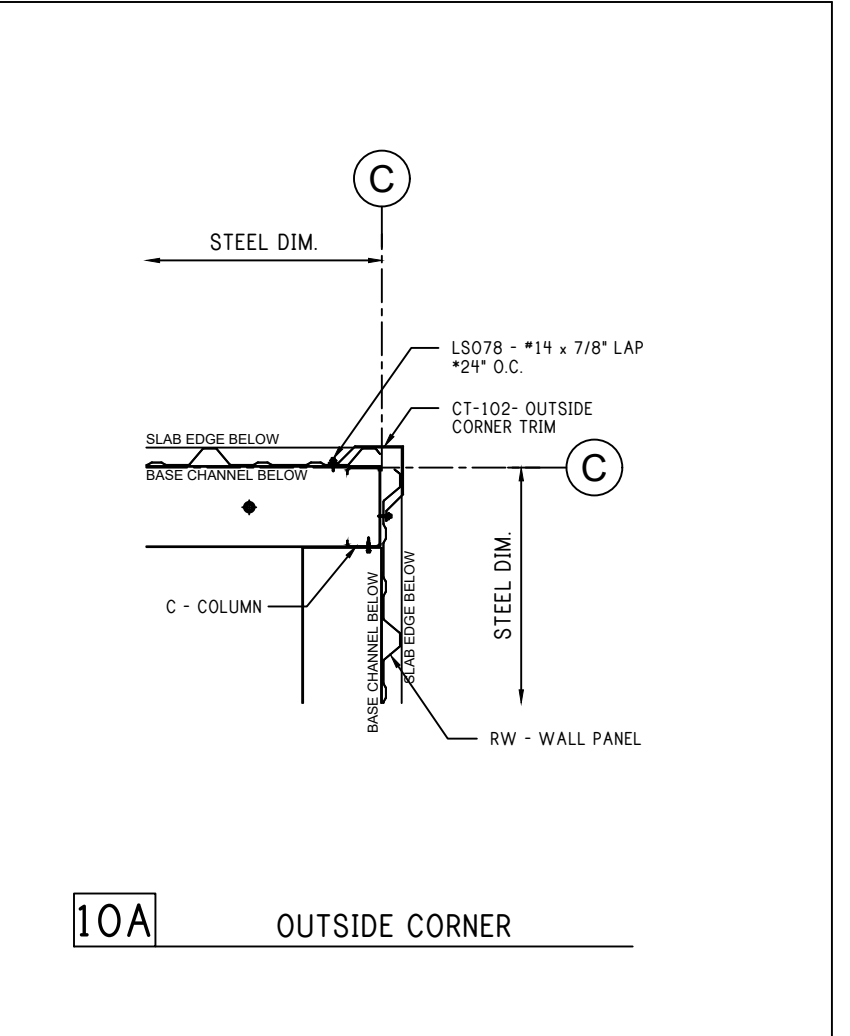
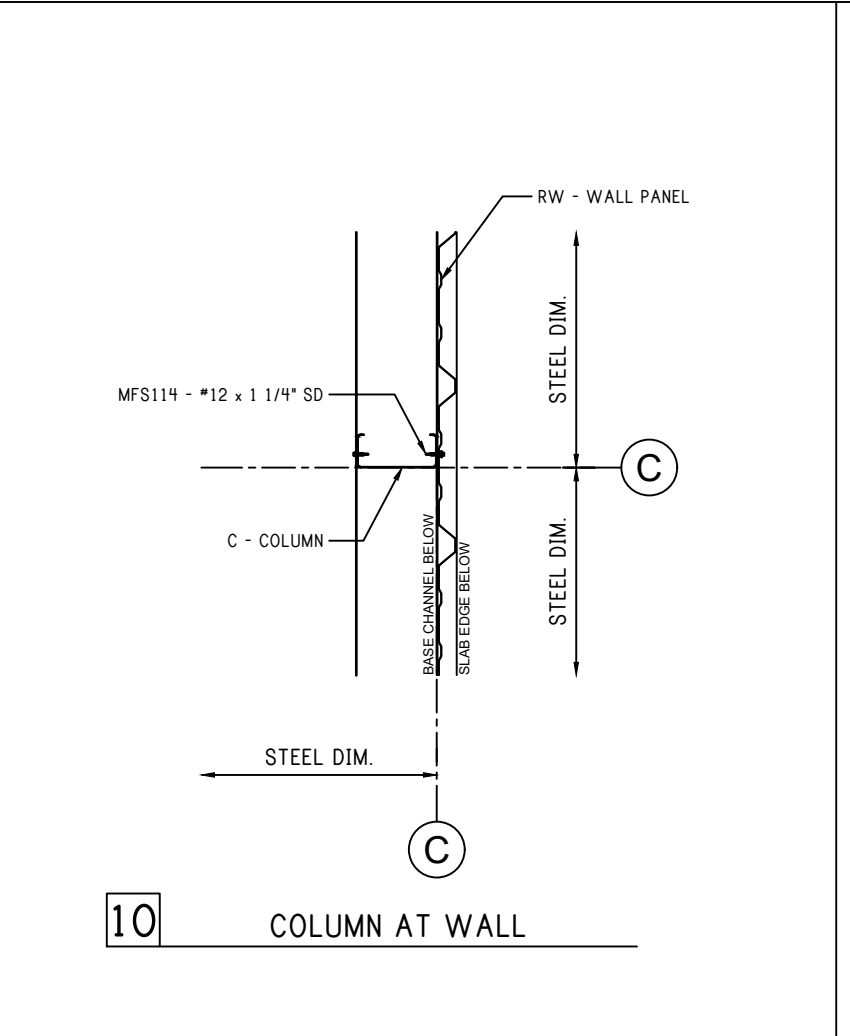
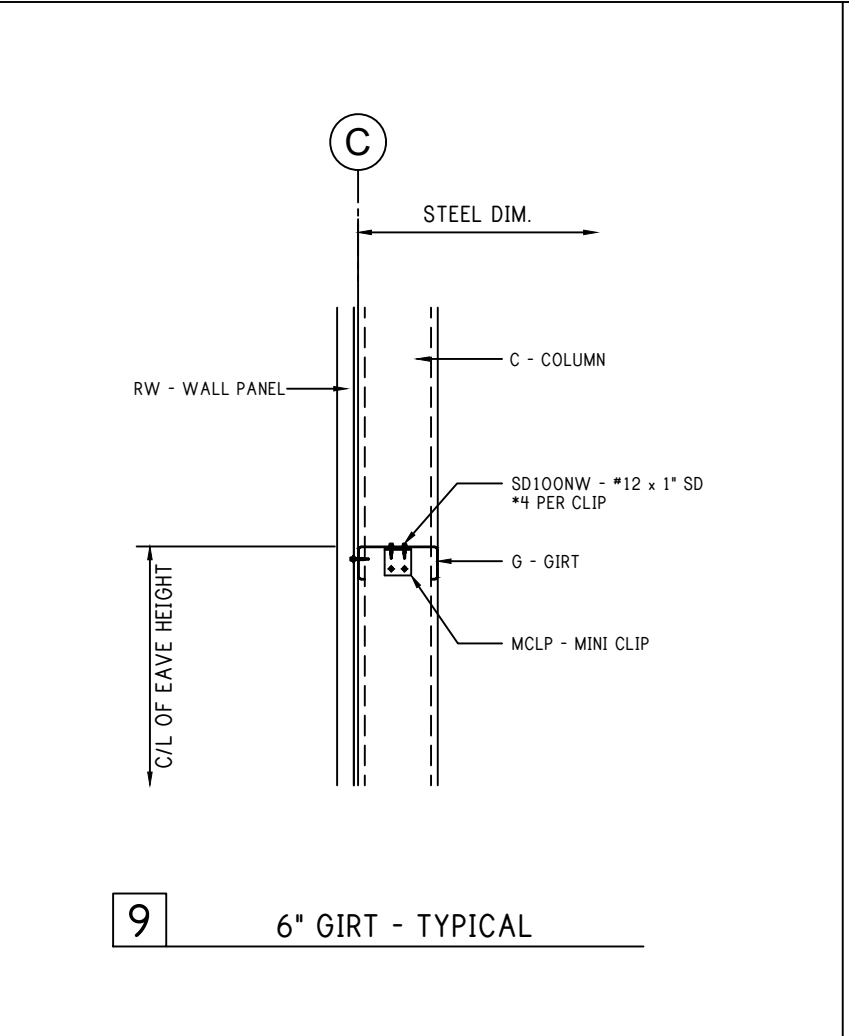
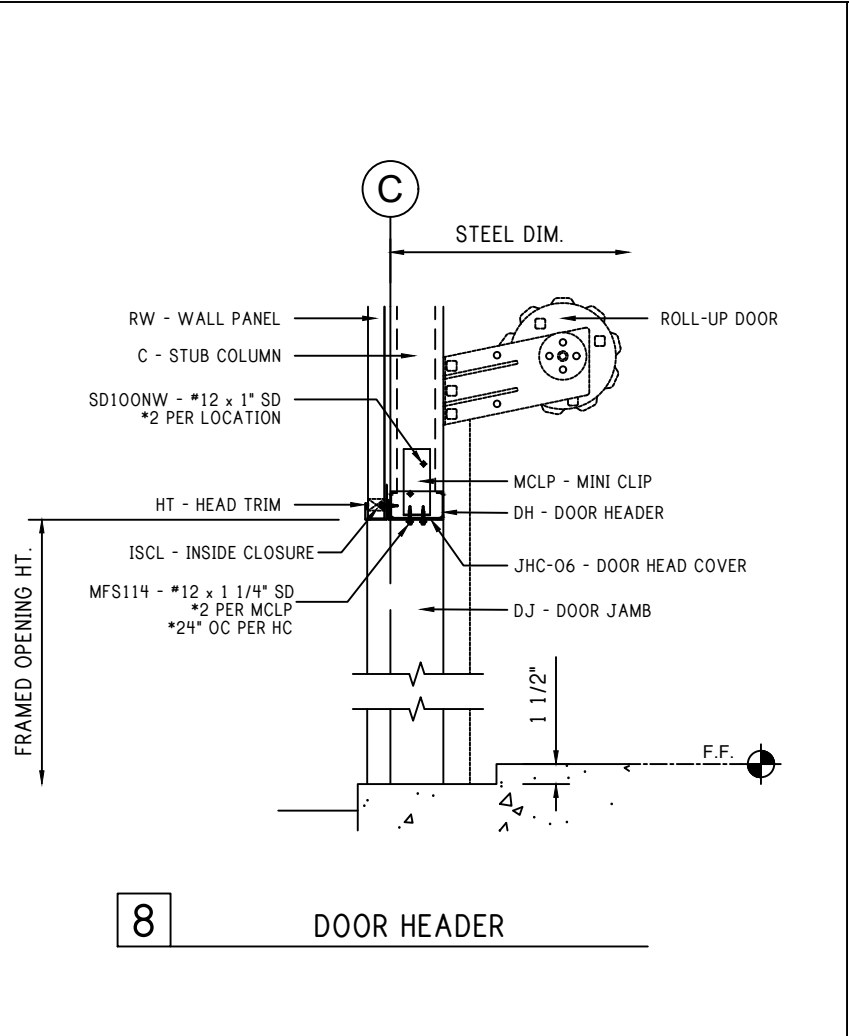
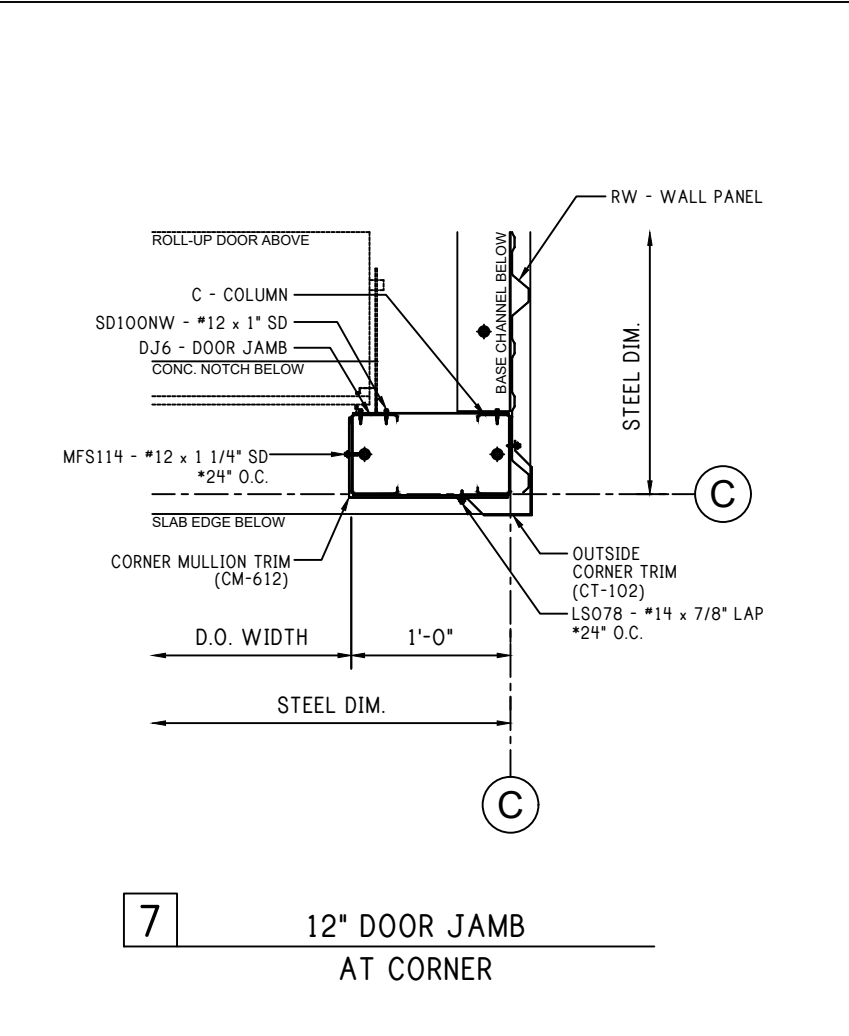
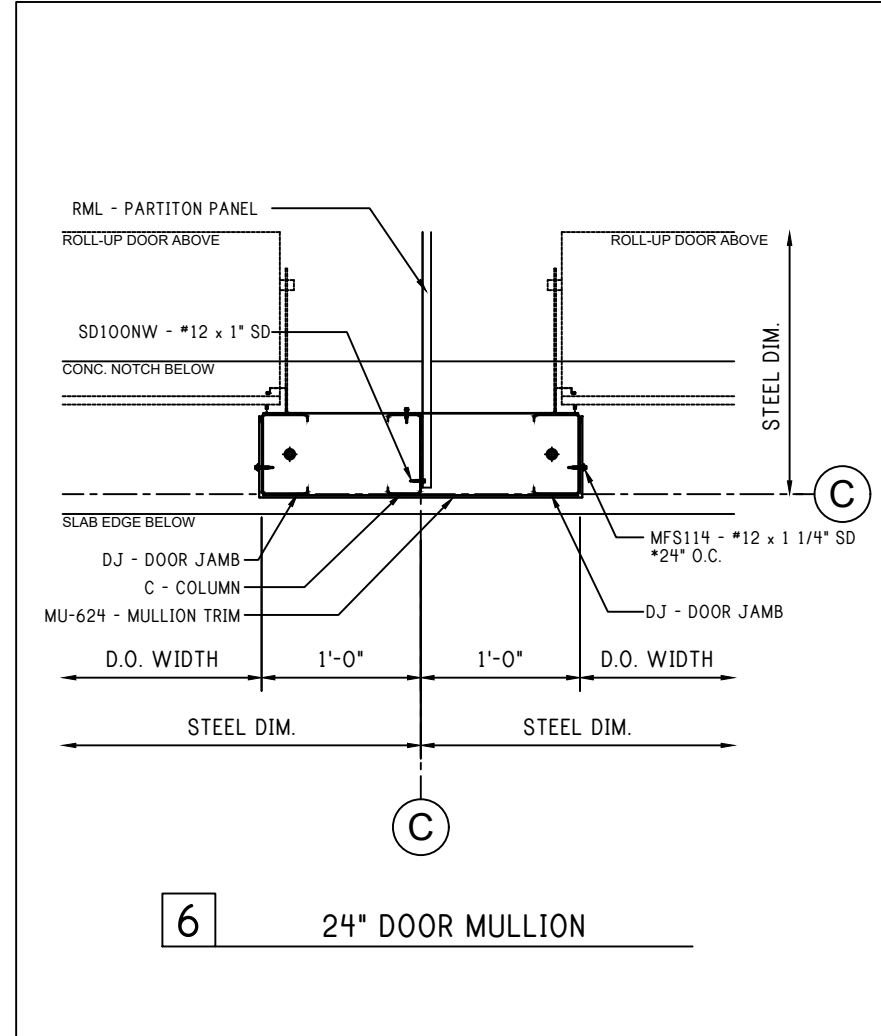
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# FRAMING PLAN



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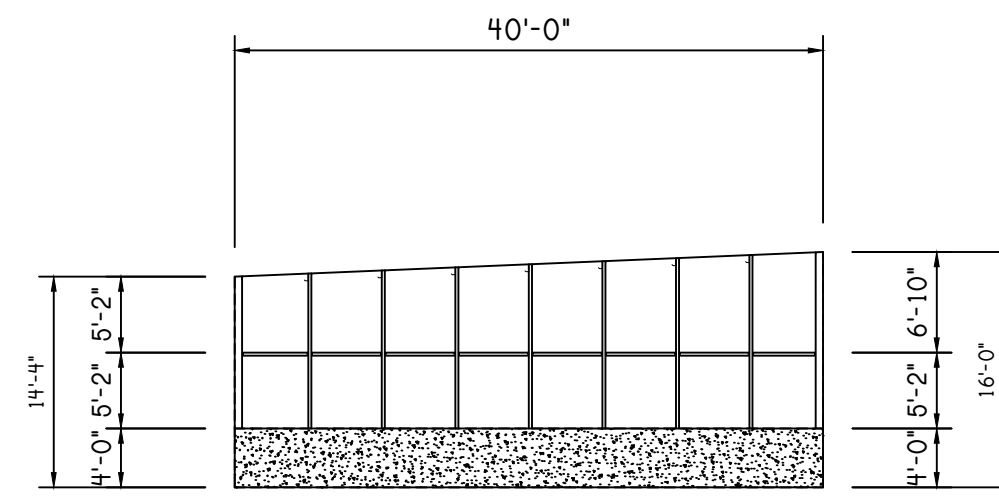
CLIENT: P.O. BOX 1275  
 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

SITE: FUQUAY VARINA  
 NC 27526

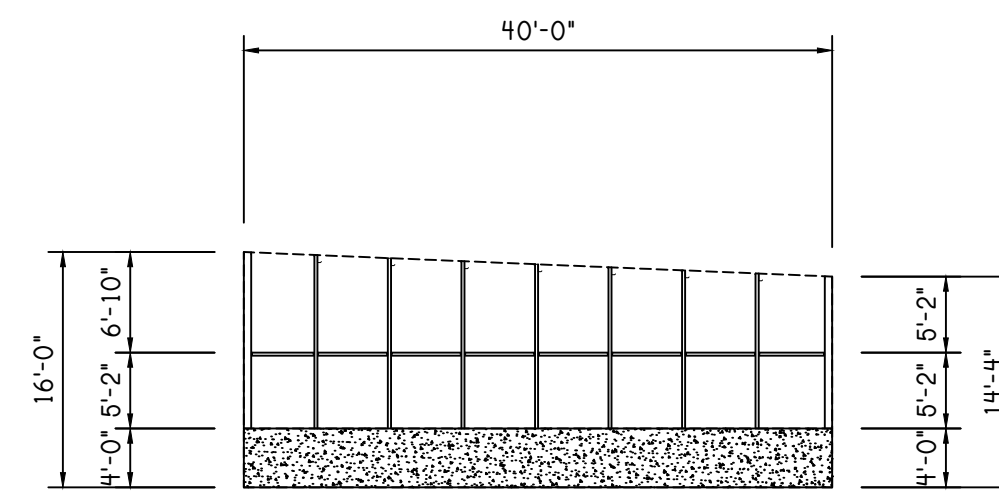
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 SHEET NO: 5 of 8 DRAWING NO: 12226-33770-BR1 REVISION:

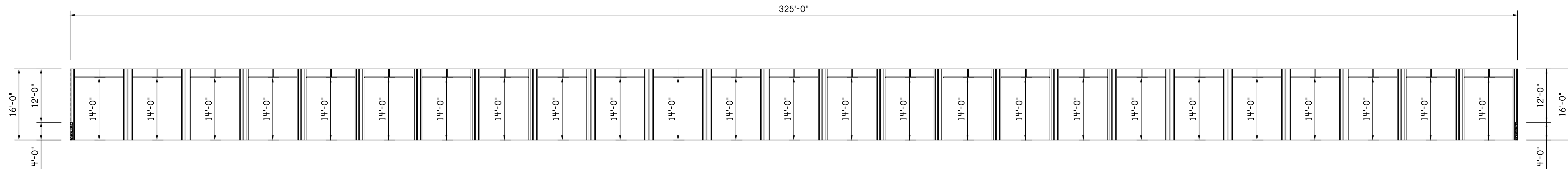
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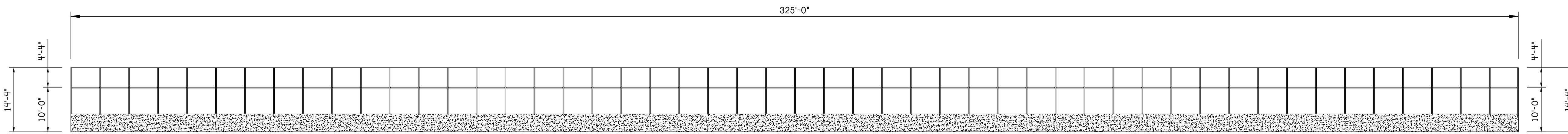
LEFT ELEVATION



RIGHT ELEVATION

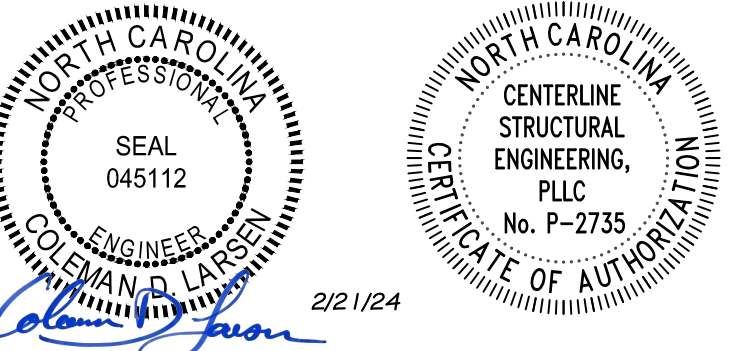


FRONT ELEVATION



REAR ELEVATION

GIRT SPACING



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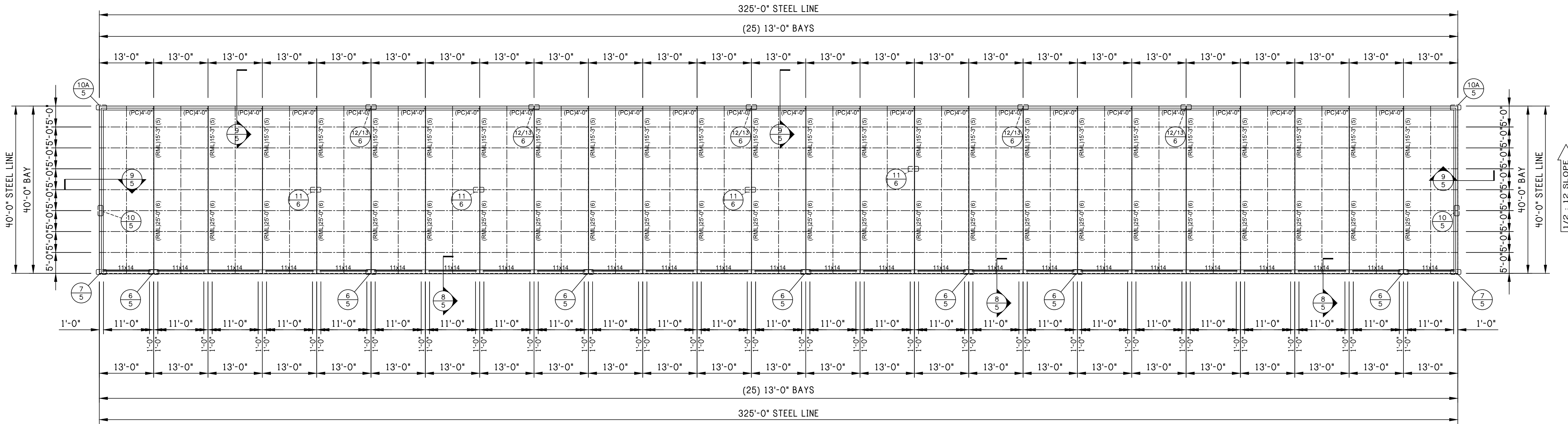
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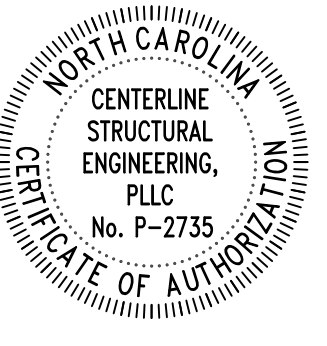
TITLE: 40' x 325' x 16"-0" HS

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SHEET NO:	DRAWING NO:	REVISION:	
5A of 8	12226-33770-BR1		

Notes:



### PARTITION PLAN



REV: DESCRIPTION: BY: DATE:

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12226-33770-BR1



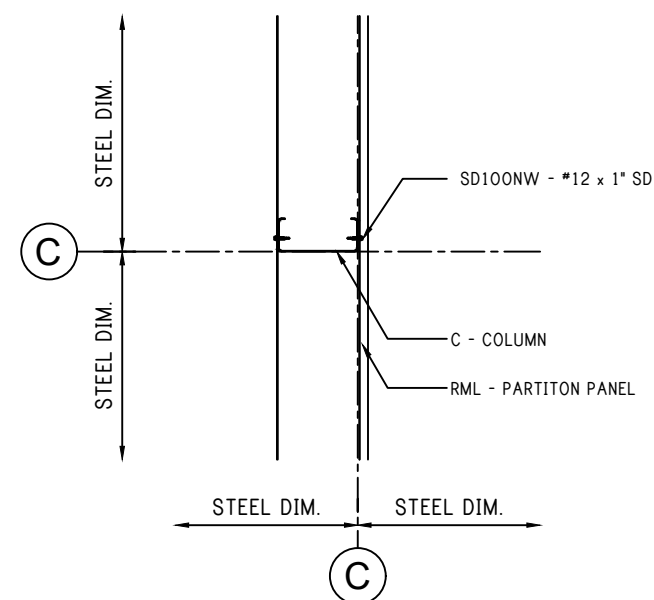
CLIENT: P.O. BOX 1275  
Madison, GA 30650  
Phone: (844) 333-7325  
Fax: (706) 343-1968

SITE: FUQUAY VARINA  
NC 27526

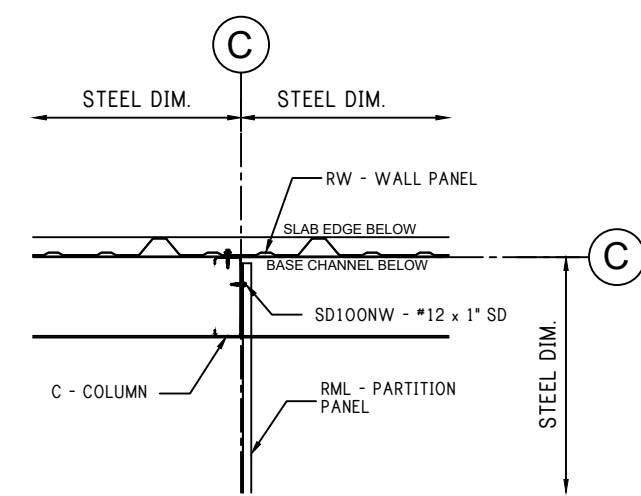
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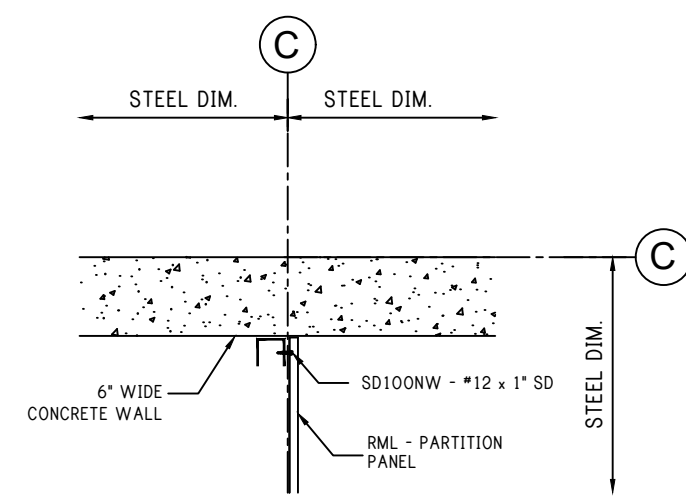
SHEET NO: 6 of 8 DRAWING NO: 12226-33770-BR1 REVISION:



11 CHANNEL AT COLUMN

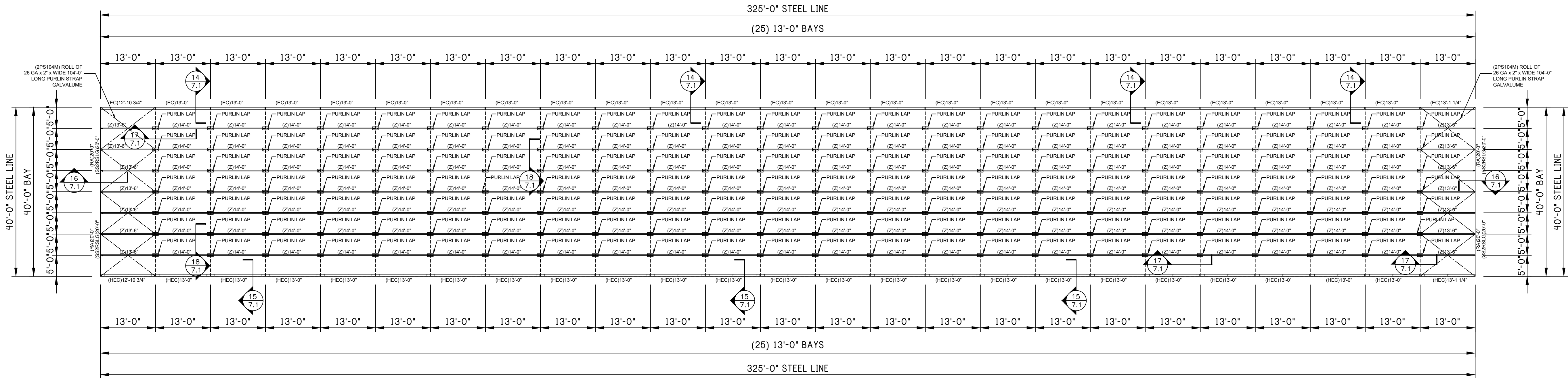


12 PARTITION AT WALL



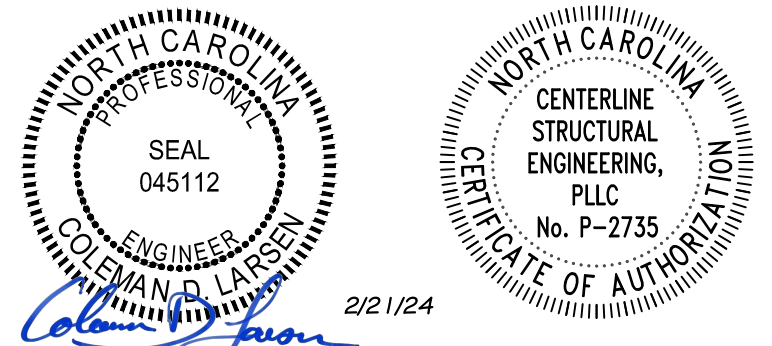
13 PARTITION AT WALL

Notes:



### RAFTER PLAN

NOTE : ADD STRAPPING (502PS104M) IN EACH 25'-0" BAY FROM FRONT SIDE WALL TO BACK SIDE WALL. SEE STRAPPING DETAIL BELOW (PAGE 7.1) USE THE SAME STRAPPING TO CREATE X-BRACING THAT WILL TERMINATE INTO THE SHEAR WALLS. THE X CAN TIE IN EVERY OTHER PURLIN SPACE EXCEPT THAT IT WILL NEED TO TERMINATE A AN INTERIOR WALL AS SHOWN.



REV:	DESCRIPTION:	BY:	DATE:
STATUS:	CONSTRUCTION ISSUE		

12226-33770-BR1

**PEAK STEEL**  
 CLIENT: P.O. BOX 1275  
 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

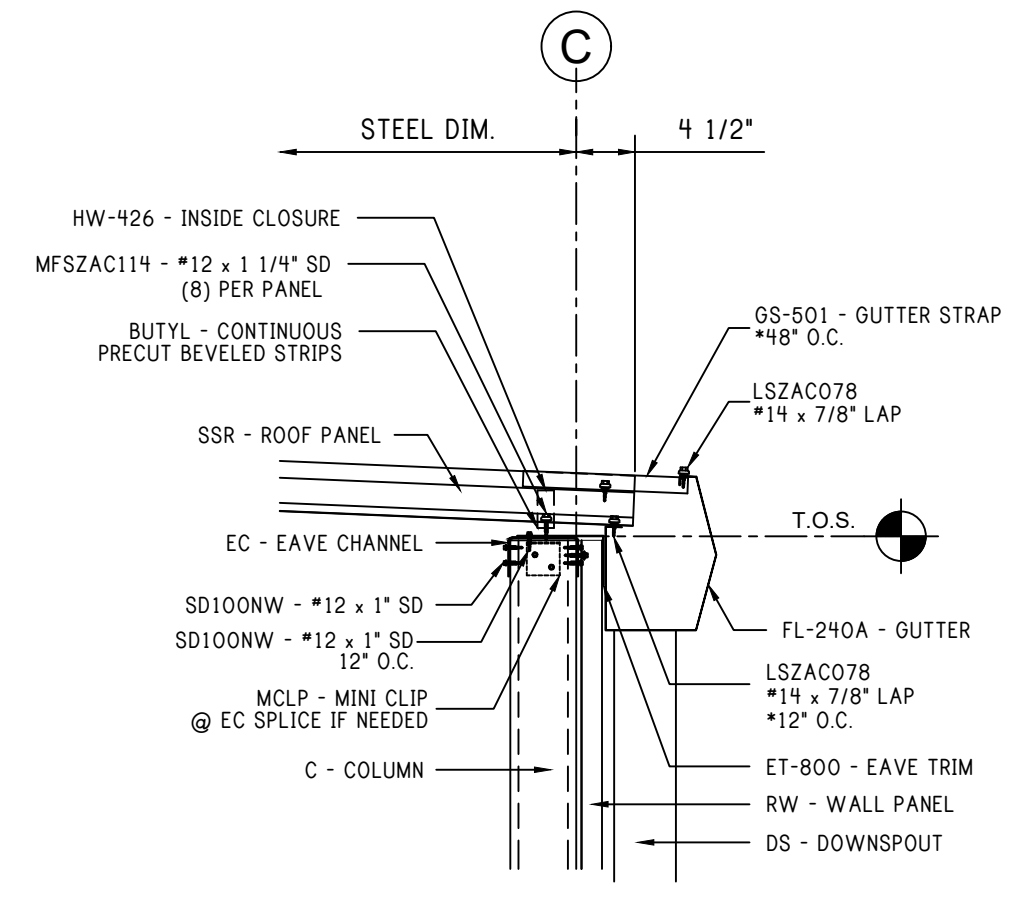
SITE: FUQUAY VARINA  
 NC 27526

TITLE: 40' x 325' x 16"-0" HS

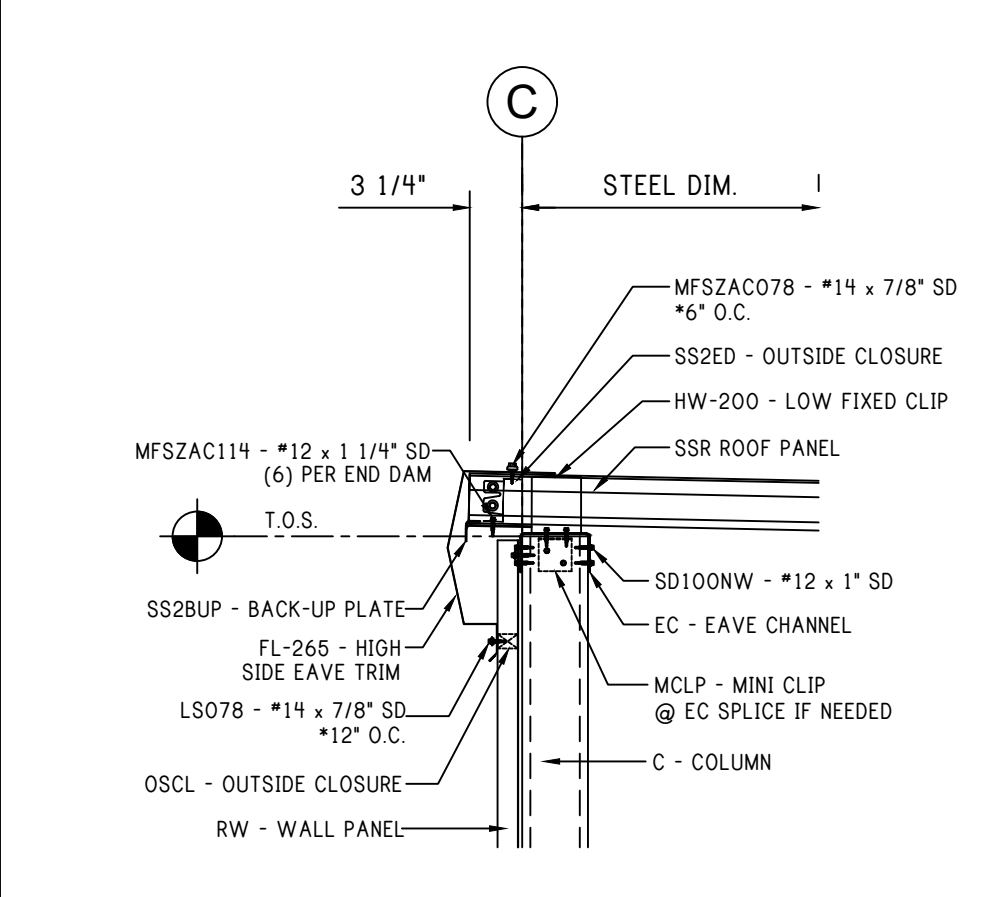
SIZE:	DATE:	DRAWN:	CHECKED:
	02/16/24	NMB	ALI
SHEET NO:	DRAWING NO:	REVISION:	
7 of 8	12226-33770-BR1		



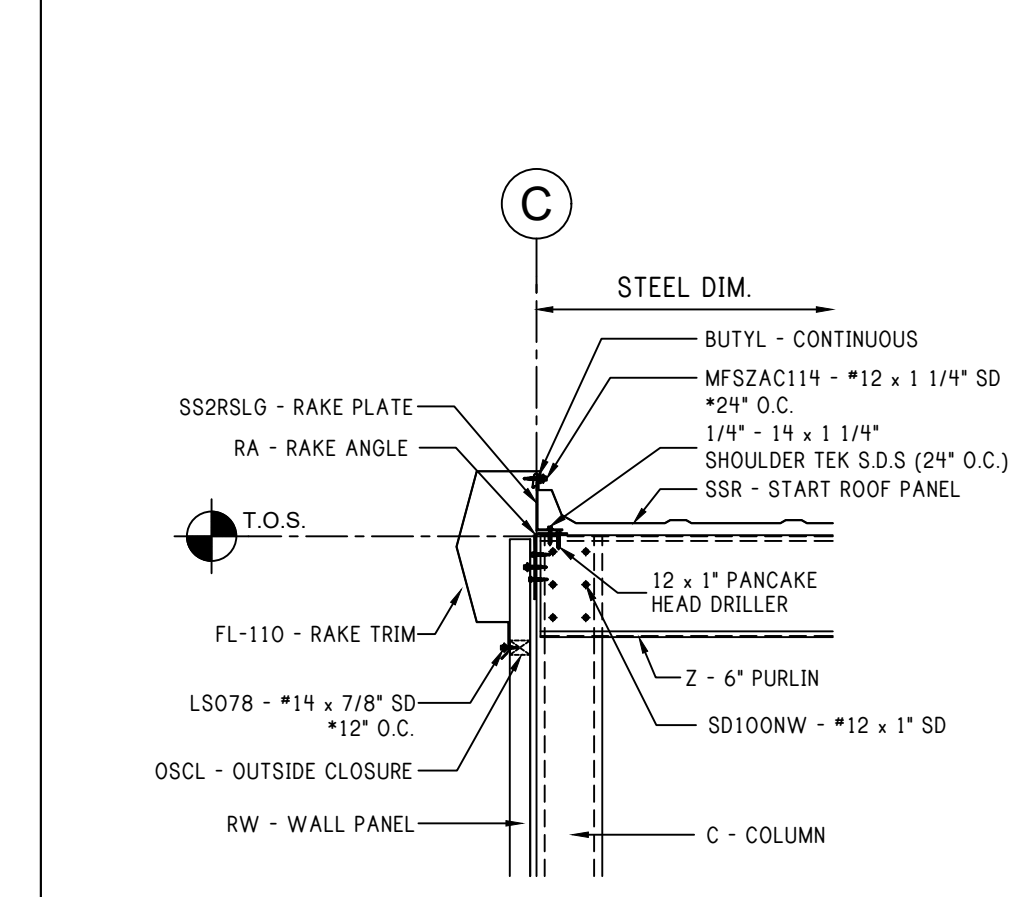
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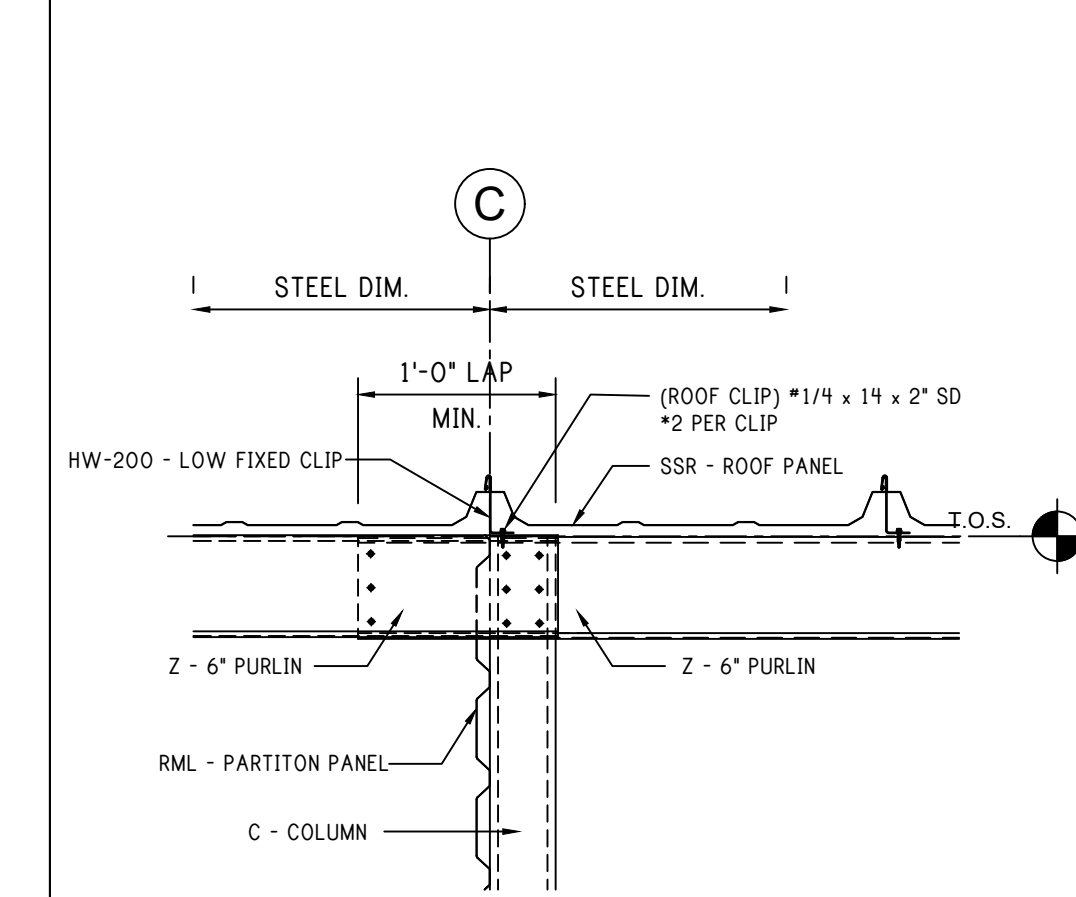
14 LOW EAVE w/ GUTTER



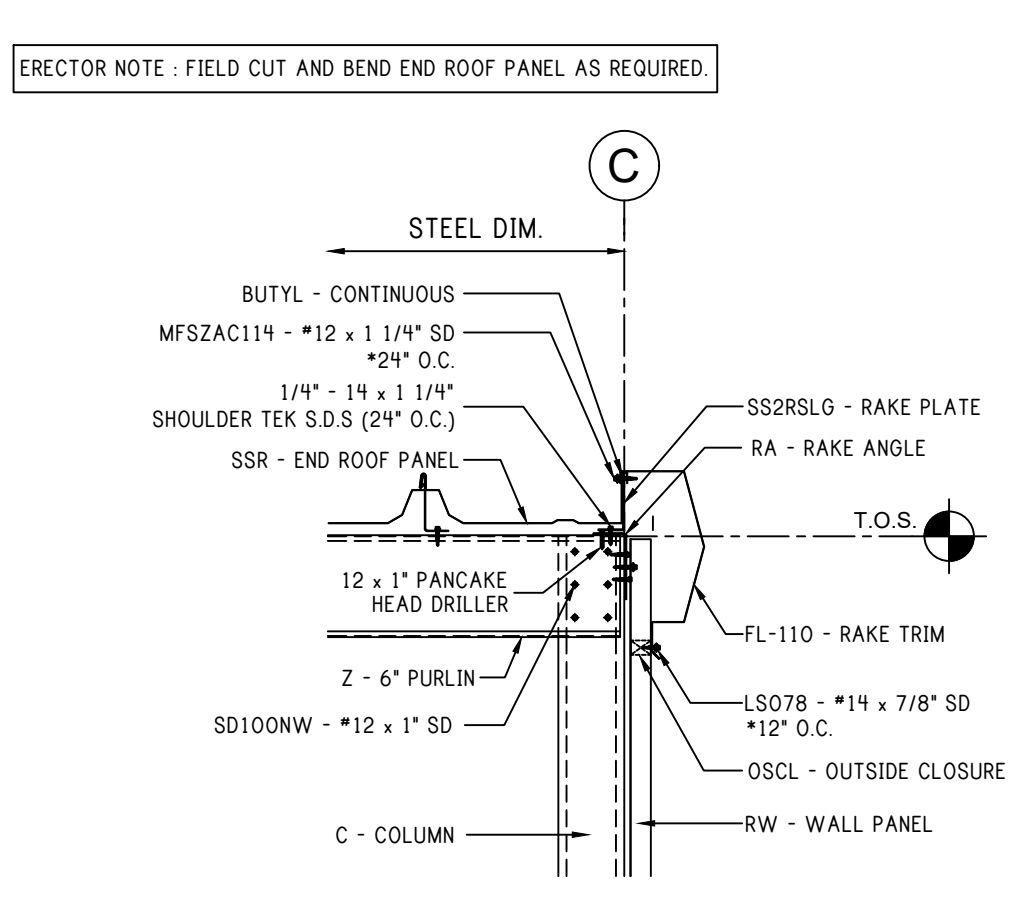
15 HIGH EAVE



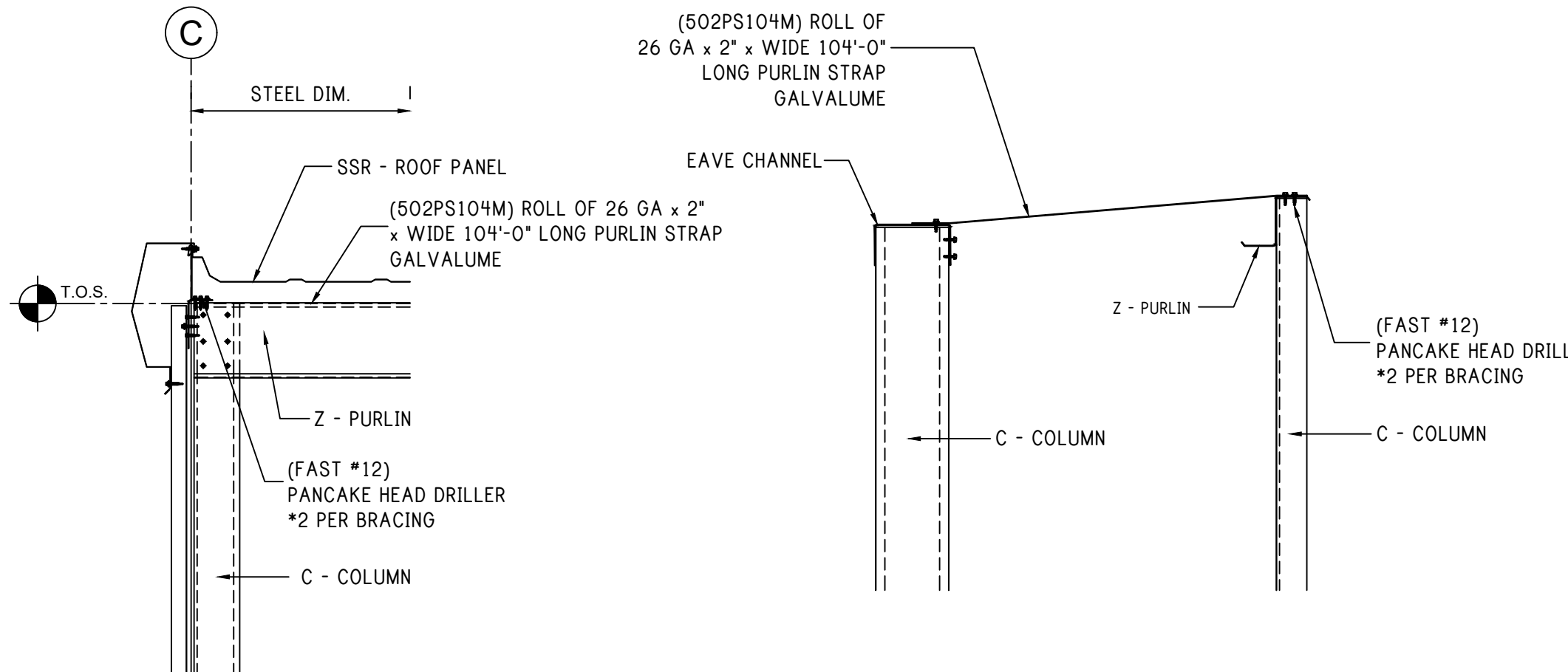
16 RAKE AT 6" PURLIN



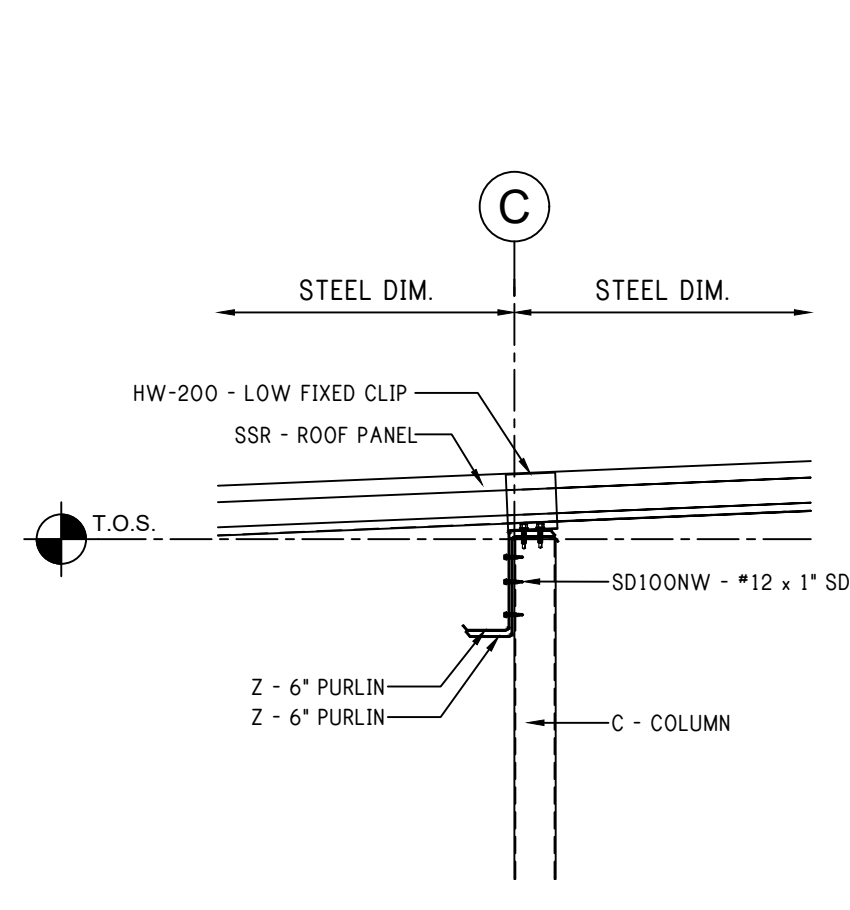
17 6" PURLIN LAP SIDE VIEW



16 RAKE AT 6" PURLIN

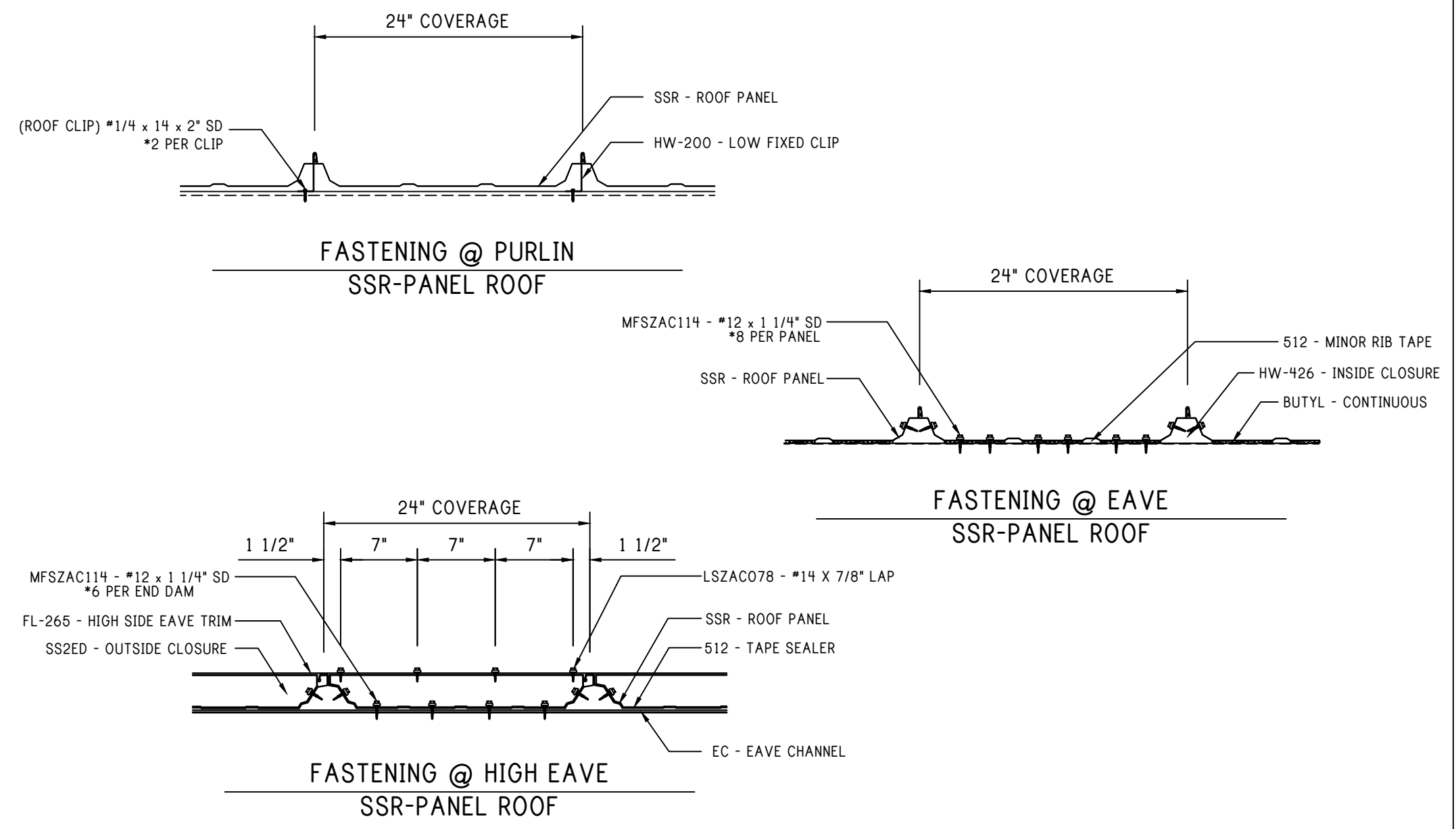
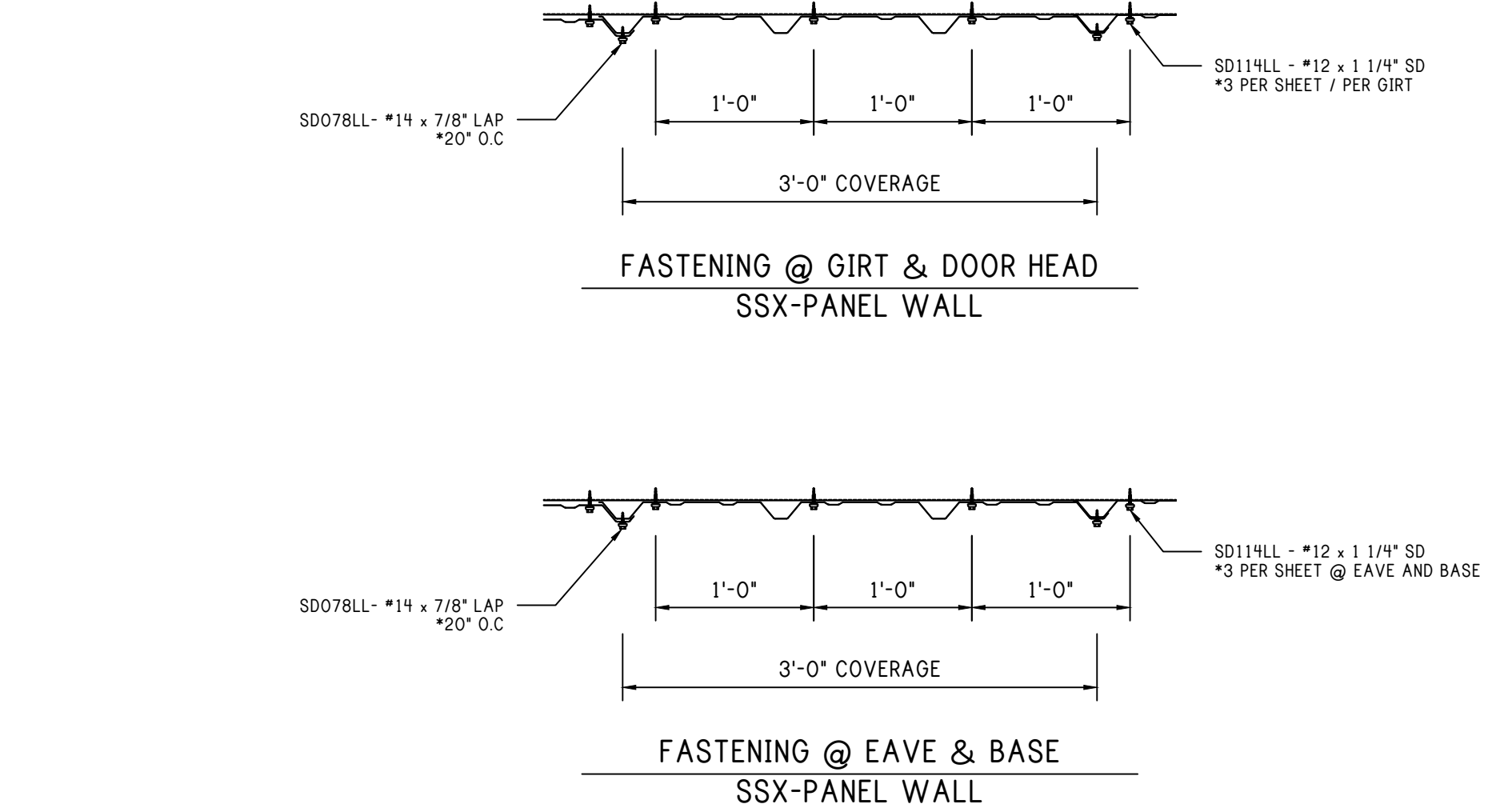
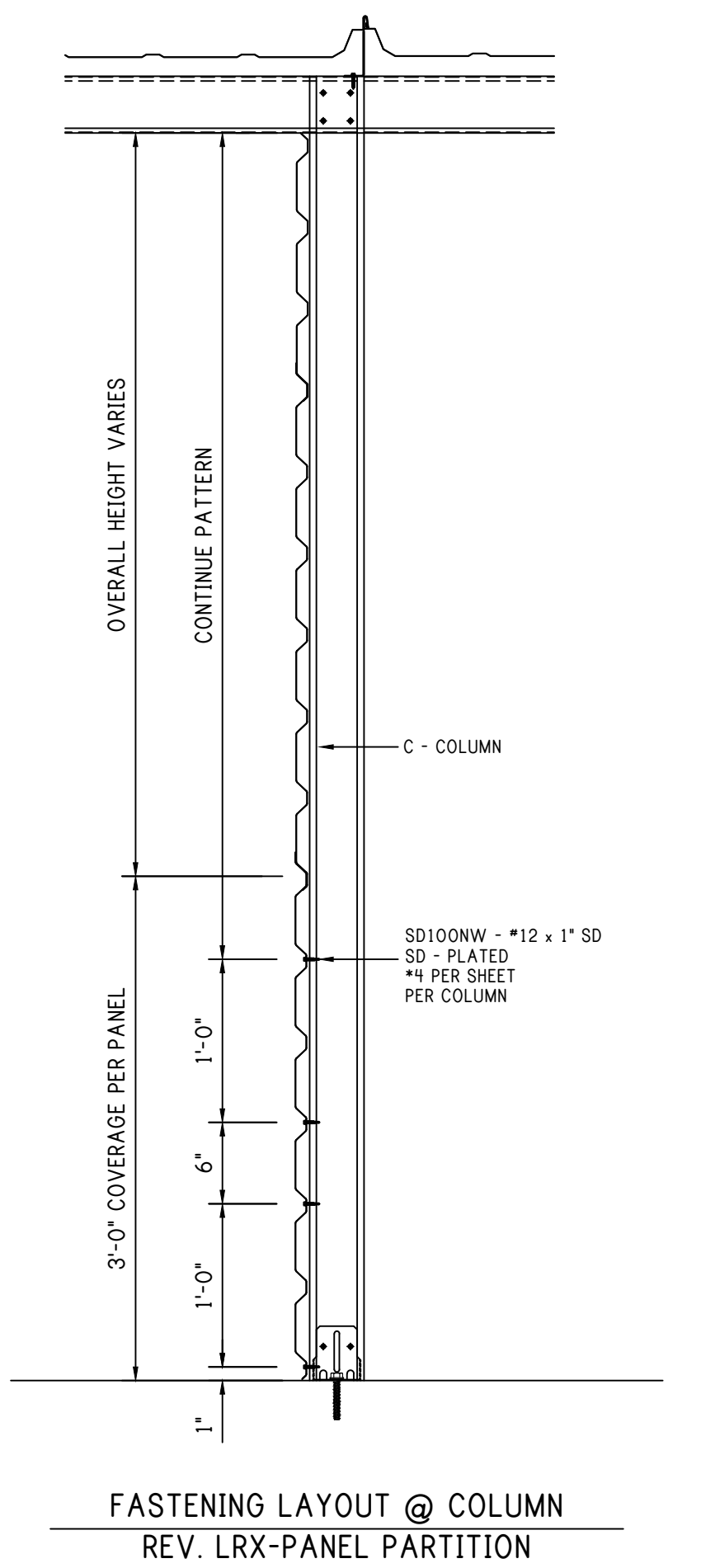


STRAPPING AT RAKE SECTION VIEW

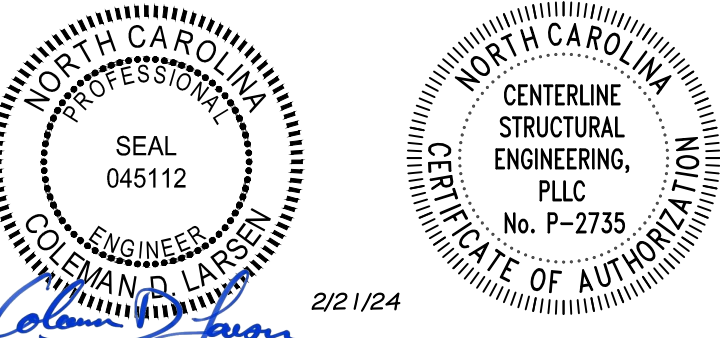


18 6" PURLIN LAP SECTION VIEW

**ERECTOR NOTE**  
TOP PARTITION PANEL MAY BE BACK LAPPED AS NEEDED.



RAFTER & ATTACHMENT DETAILS



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Madison, GA 30650  
Phone: (844) 333-7325  
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SITE: FUQUAY VARINA  
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TITLE: 40' x 325' x 16"-0" HS

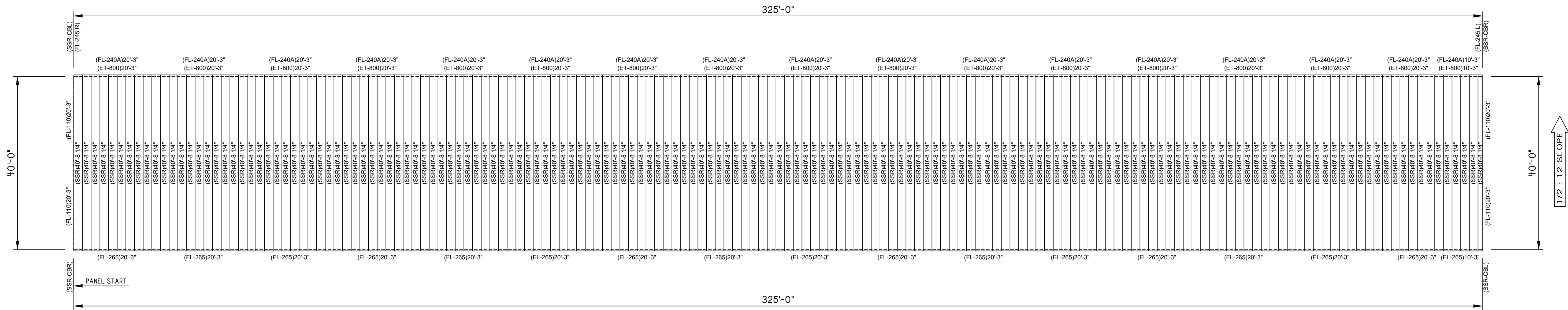
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7.1 of 8 12226-33770-BR1

Notes:

- REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR SS-II ROOF INFORMATION AND INSTALLATION INSTRUCTIONS.

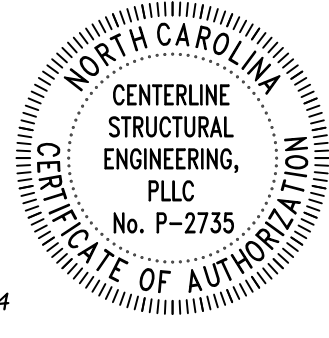
CLOSURES

(246) INSIDE CLOSURES INCLUDED FOR BASE OF EXTERIOR WALL PANELS  
(137) OUTSIDE CLOSURES INCLUDED FOR RAKE AND HIGH EAVE.



# ROOF PLAN

NOTE : FIELD CUT AND BEND PANEL AS REQUIRED.



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SHEET NO:	DRAWING NO:	REVISION:	
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