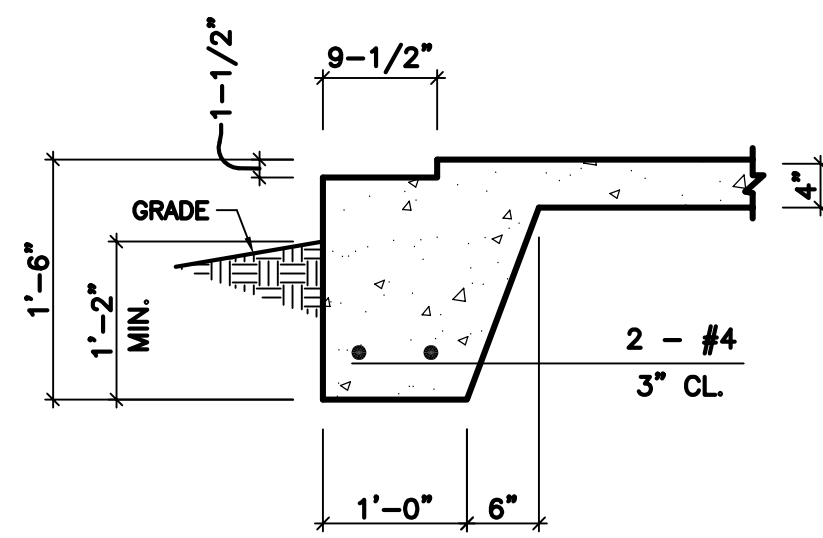
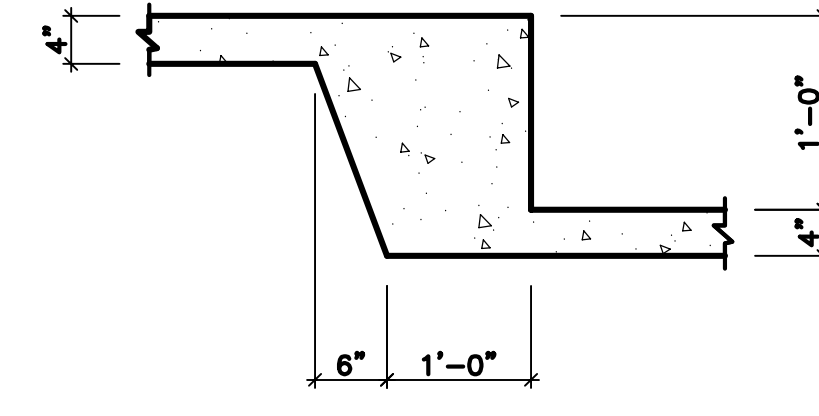


SECTION 1  
SCALE: 3/4" = 1'-0"  
S-1



SECTION 2  
SCALE: 3/4" = 1'-0"  
S-1



SECTION 3  
SCALE: 3/4" = 1'-0"  
S-1

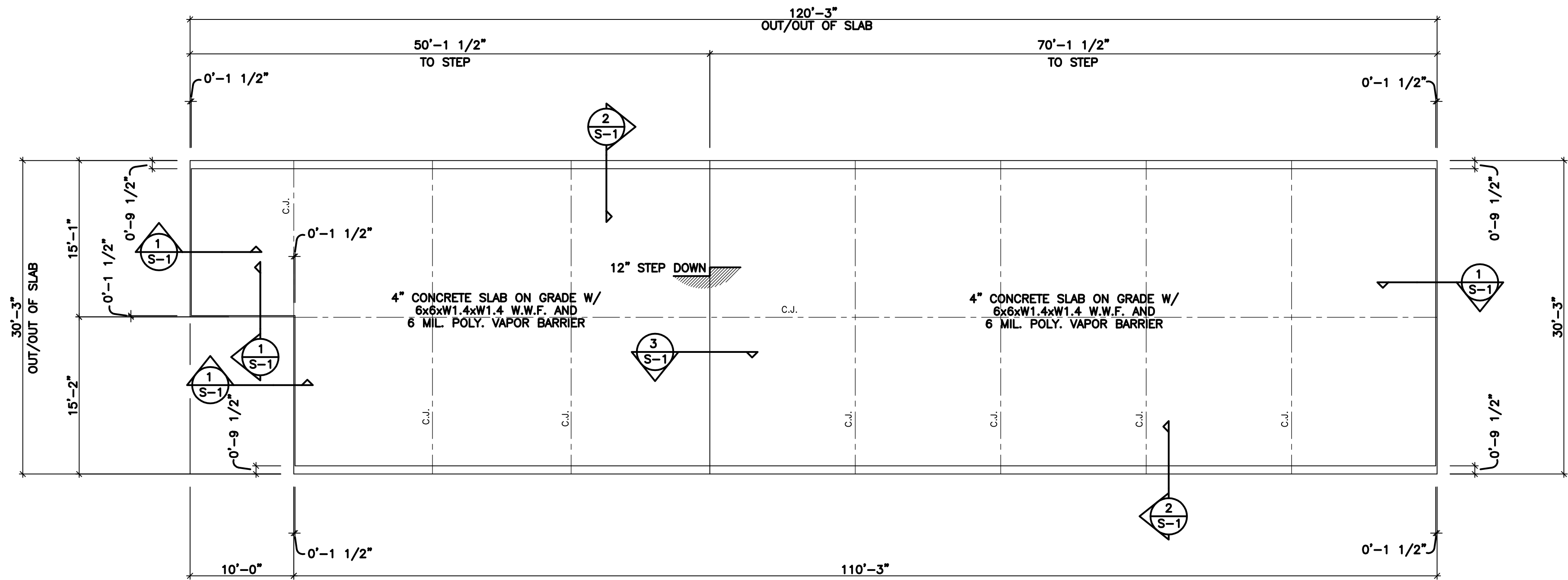
**GENERAL NOTES**

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- FOOTINGS ARE DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 2000 P.S.F.
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  - REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 (TIES MAY BE GRADE 40)
  - W.W.F. SHALL BE ASTM A-185
  - MINIMUM LAP: #4 - 28"
  - #5 - 32"
  - MINIMUM COVER: 3" U.N.O.
- C.J. ON PLANS INDICATE CONTROL JOINT 1/8" x 1" DEEP SAWN WITHIN 24 HOURS AFTER PLACING CONCRETE. METAL JOINT MATERIAL MAY BE USED.
- FOUNDATION BASED ON REACTIONS FURNISHED BY PEAK STEEL BUILDINGS DRAWING NO. RD080A20, DATED 11/4/2020.

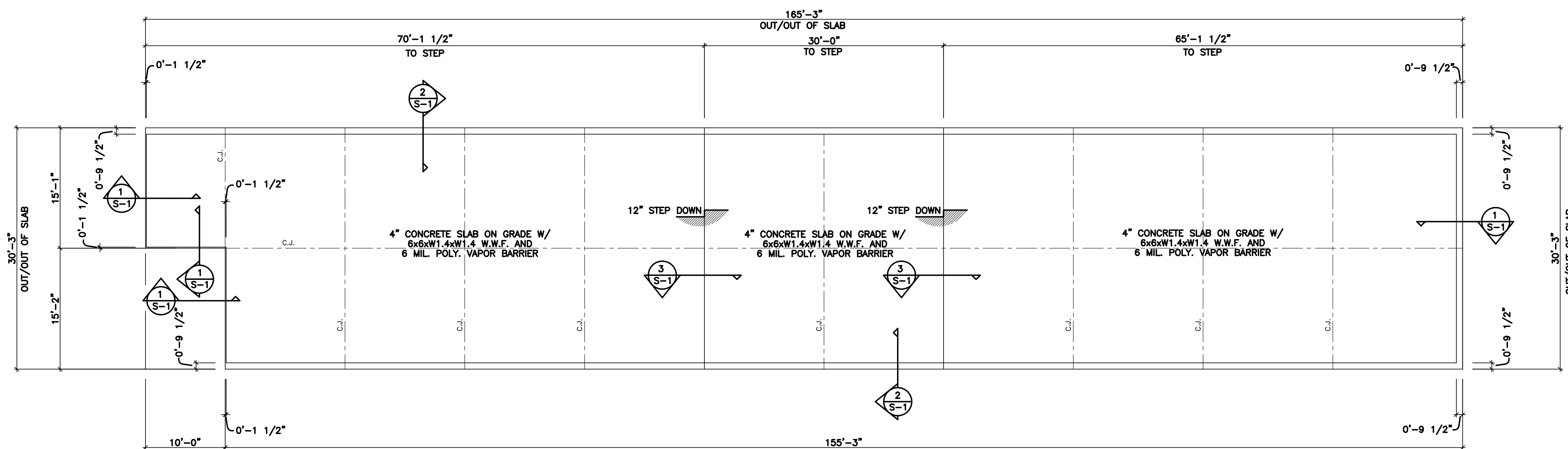
NOTICE TO CONTRACTOR  
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED  
Limited building only review  
Permit holder responsible for full compliance with the code

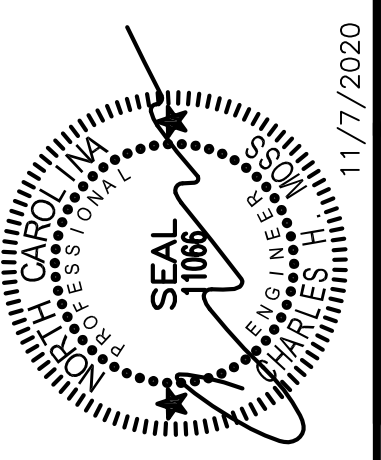
02/02/2021



**FOUNDATION PLAN - BLDG A**  
SCALE: 1/8" = 1'-0"



**FOUNDATION PLAN - BLDG B**  
SCALE: 1/8" = 1'-0"



**C.H. MOSS, P.E.**  
SOLE PROPRIETOR  
P.O. BOX 28  
COVINGTON, GA 30015  
PH: (770) 786-3163

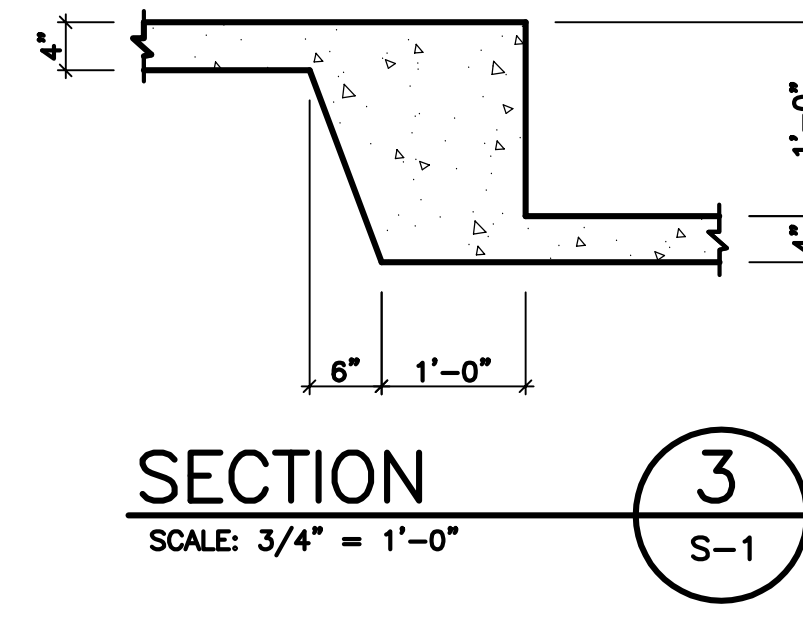
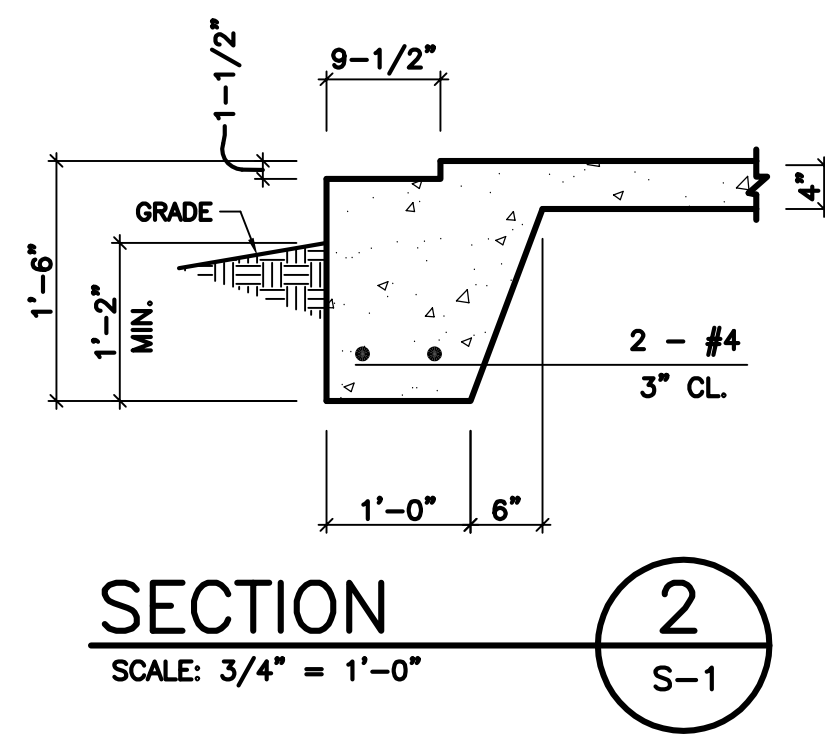
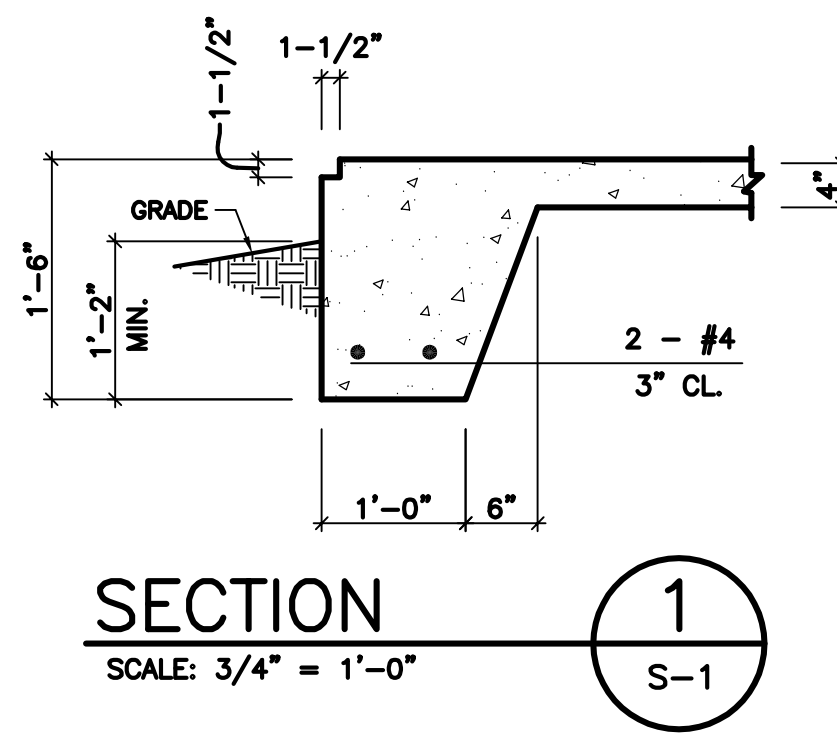
NO	DATE	REVISION	BY
1			
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JOB NO. RD080A20	COMPUTED BY:	NR
DRAWN BY:	CHECKED BY:	HM
DATE: NOVEMBER 7, 2020	SCALE: 1/8" = 1'-0"	

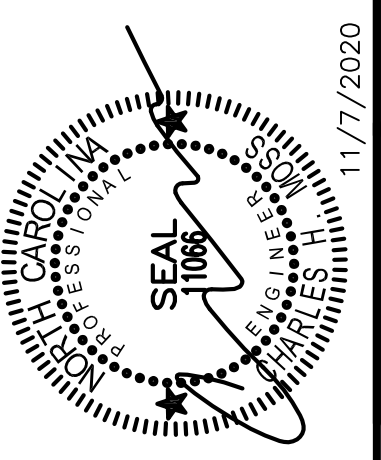
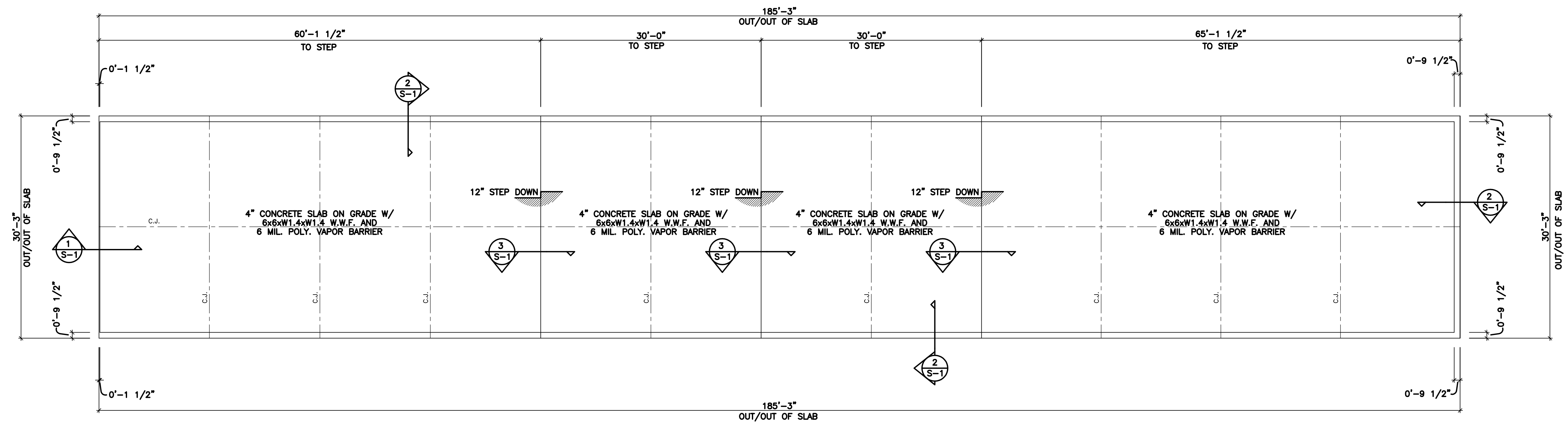
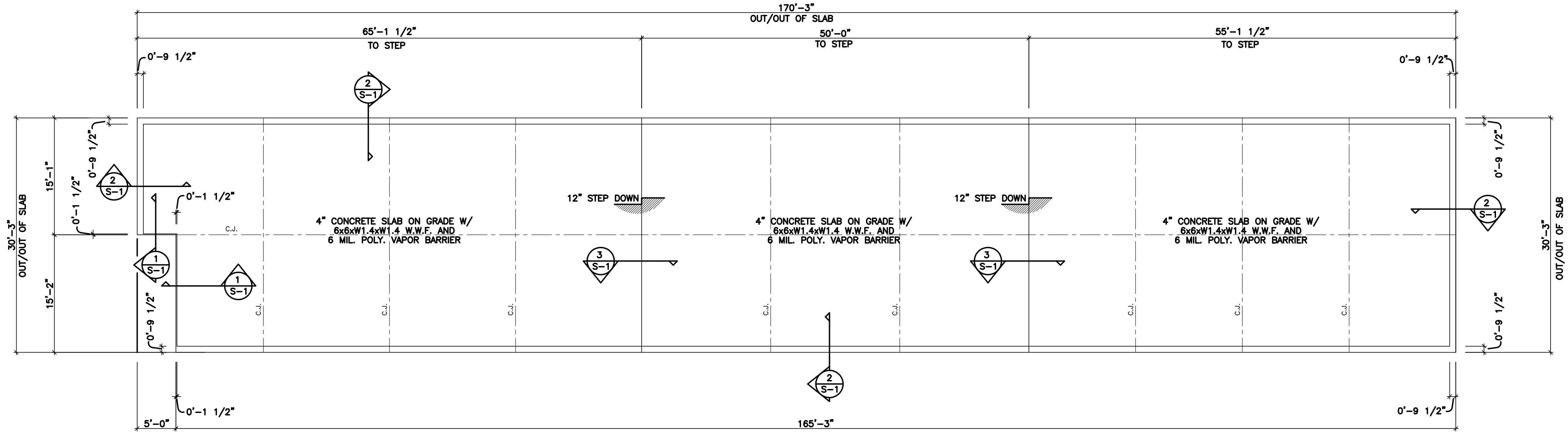
FOUNDATION PLAN FOR:  
**PINEY GROVE STORAGE**  
FUGQUAY VARINA, NC

DRAWING NUMBER	
2364	
SHEET	OF:
S-1	3



**GENERAL NOTES**

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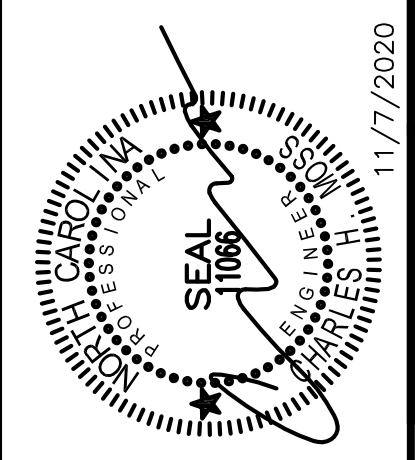
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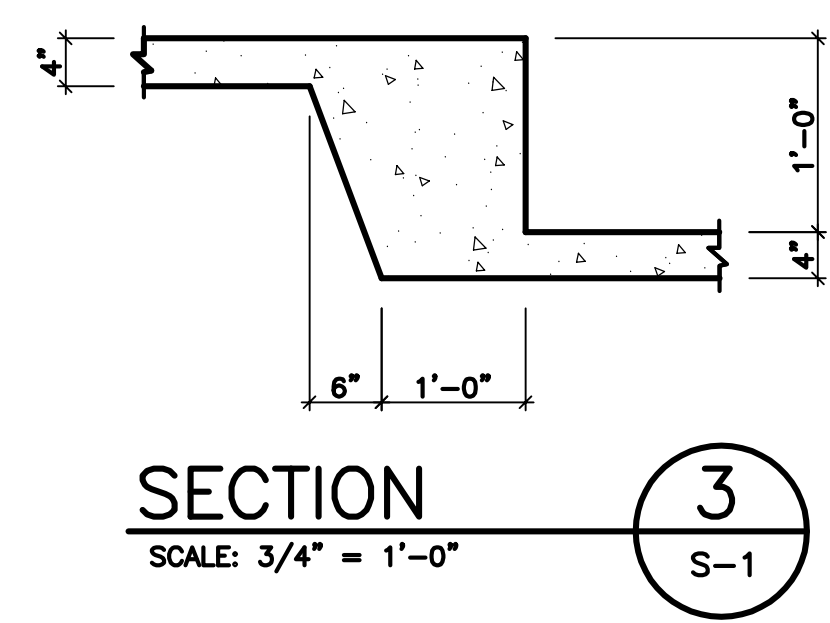
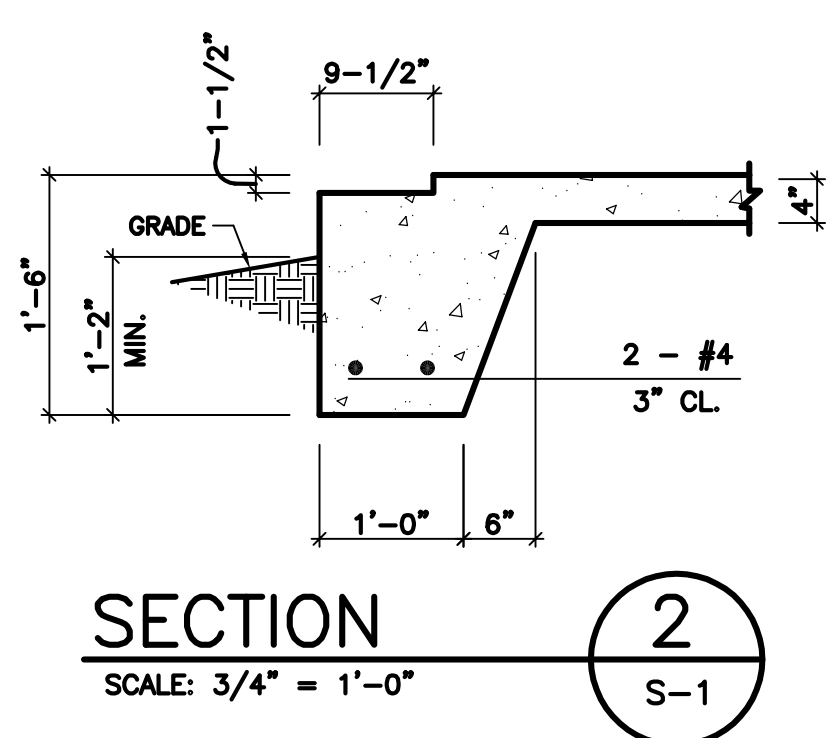
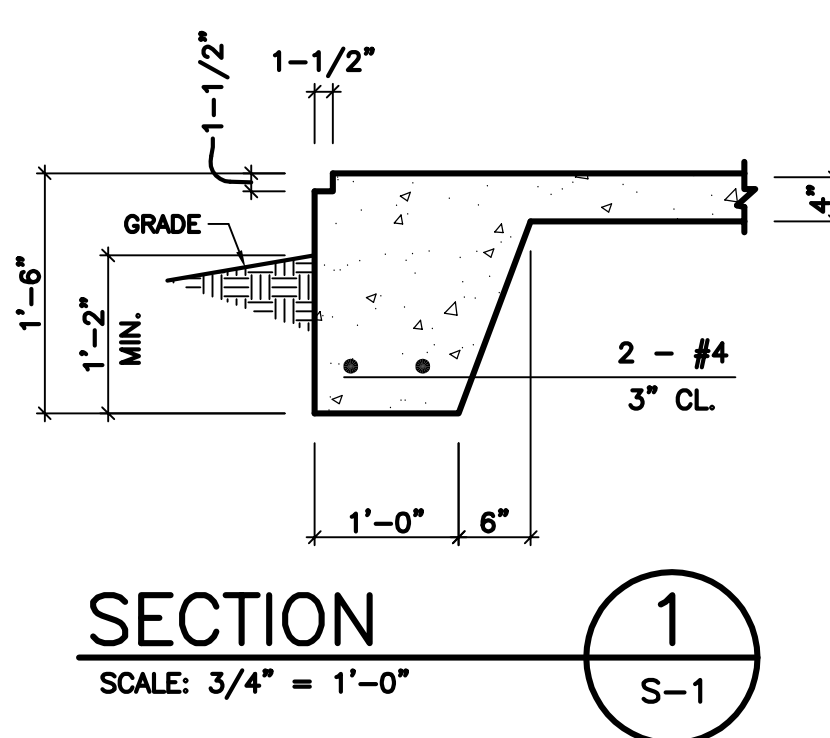
JOB NO. RD080A20	COMPUTED BY:	NR
DRAWN BY:	CHECKED BY:	HM
DATE: NOVEMBER 7, 2020	SCALE: 1/8" = 1'-0"	

FOUNDATION PLAN FOR:  
**PINEY GROVE STORAGE**  
FUGQUAY VARINA, NC

DRAWING NUMBER	
2364	
SHEET	OF:
S-2	3

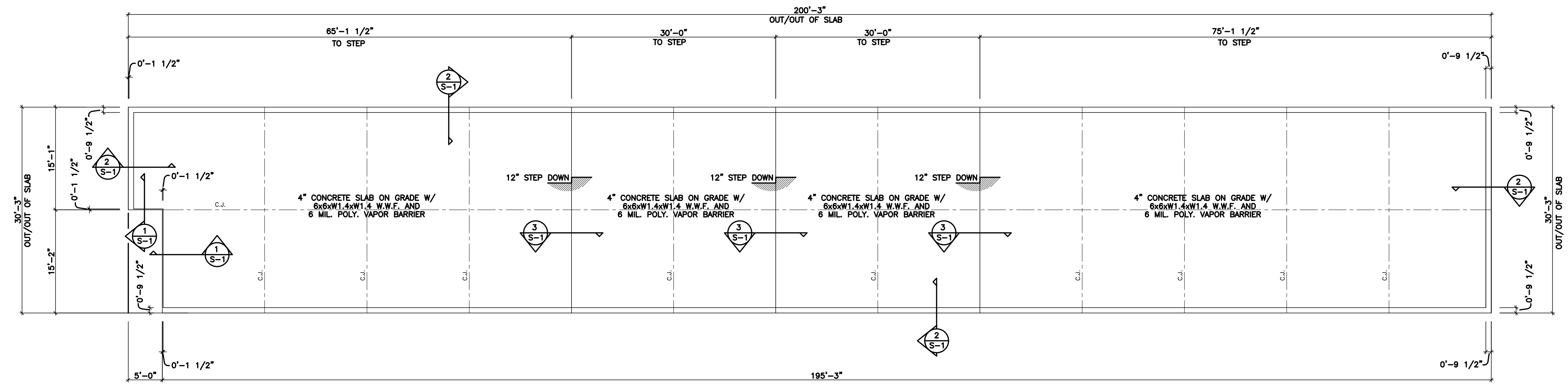


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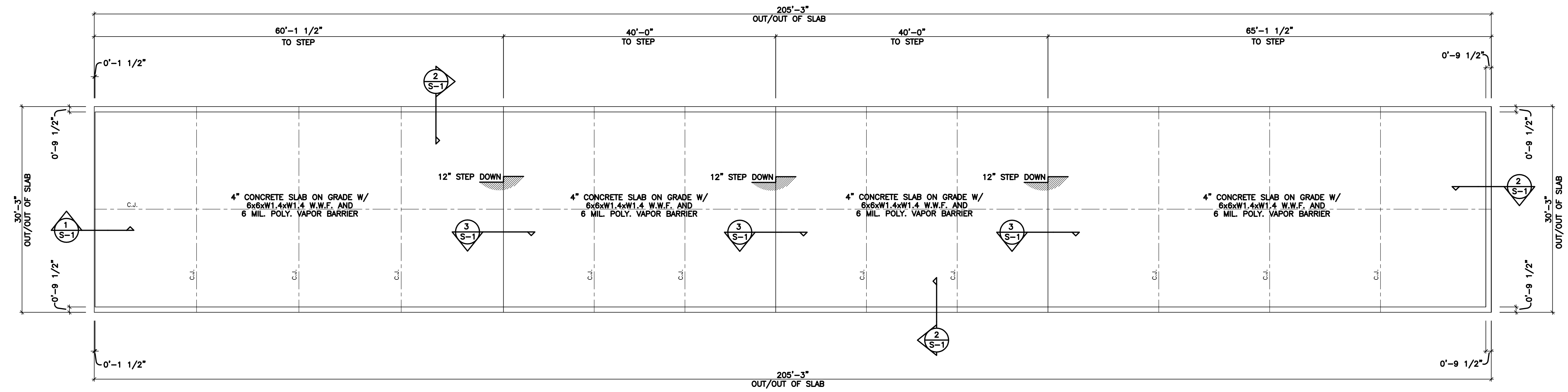


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**FOUNDATION PLAN - BLDG E**  
 SCALE: 1/8" = 1'-0"



**FOUNDATION PLAN - BLDG F**  
 SCALE: 1/8" = 1'-0"

NO	DATE	REVISION	BY
1			
2			
3			
4			
5			

JOB NO. RD080A20	COMPUTED BY:	NR
DRAWN BY:	CHECKED BY:	HM
DATE: NOVEMBER 7, 2020	SCALE: 1/8" = 1'-0"	

FOUNDATION PLAN FOR:  
**PINEY GROVE STORAGE**  
 FUGQUAY VARINA, NC

DRAWING NUMBER	
2364	
SHEET	OF:
S-3	3

## 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.): 30  
 LENGTH (ft.): 185  
 EAVE HEIGHT (ft.): 8.5 / 8.5  
 ROOF SLOPE (Rise/12): 3.00 / 3.00

## PANEL SELECTION

ROOF: SSX 26 Ga. (w/Condenstop)  
 WALL: SSX 26 Ga.  
 PARTITION: LRX 29 Ga.  
 LINER: N/A

## 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	F0B	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	REOD	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	GYPSSUM WALL BOARD	SIM	SIMILAR
DBL	DOUBLE	HORIZ	HORIZONTAL	SO	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	VERIFY	VERIFY IN FIELD
EXT	EXTERIOR	NA	NOT APPLICABLE	WO	WITHOUT
		NO	NUMBER	WT	WEIGHT

## STRUCTURAL ABBREVIATIONS

BA	BASE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
BC	BASE CHANNEL	U42516 - 4 1/8" x 2 5/8" x 16 Ga. Channel
C4	4" COLUMN	C4216 - 4" x 2" x 16 Ga. Cee
C435	4" COLUMN	C43516 - 4" x 3-1/2" 16 Ga. Cee
DH	DOOR HEADER	C4216 - 4" x 2" x 16 Ga. Cee
DJ	DOOR JAMB	C43516 - 4" x 3 1/2" x 16 Ga. Cee
EC	EAVE CHANNEL	U42514 - 4 1/8" x 2 5/8" x 14 Ga. Channel
ES	EAVE STRUT	ES6416 - 6" x 4" x 16 Ga. Strut
FC	FLOOR CLIP	Manufactured Part
G	GIRT	C4216 - 4" x 2" x 16 Ga. Cee
HA	HALL ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
JR	JACK RAFTER	C62516 - 6" x 2 1/2" x 16 Ga. Cee
M	MULLION	C12416 - 12" x 4" x 16 Ga. Cee
MCLP	MINI CLIP	Manufactured Part
PA	PARTITION ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
PC	PARTITION CEE	C2218 - 2" x 2" x 18 Ga. Cee
RA	RAKE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
RC	RAKE CLIP	Manufactured Part
RS	RIDGE STRUT	RS6416 - 6" x 4" x 16 Ga. Strut
SPD	BASE ANGLE	SPD42216 - 4" x 2" x 11 1/2" Angle
Z4	4" Z PURLIN	Z42514 - 4" x 2 1/2" x 14 Ga. Zee
Z6	6" Z PURLIN	Z62516 - 6" x 2 1/2" x 16 Ga. Zee
Z8	8" Z PURLIN	Z82516 - 8" x 2 1/2" x 16 Ga. Zee
Z10	10" Z PURLIN	Z102516 - 10" x 2 1/2" x 16 Ga. Zee
Z12	12" Z PURLIN	Z122516 - 12" x 2 1/2" x 16 Ga. Zee

## 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 LRX LINER PANEL
RMW	26 Ga. REVERSE LRX WALL PANEL
SSR	24 Ga. SSII ROOF PANEL

## SSR ABBREVIATIONS

BP7760	BACK UP PLATE
OC430	OUTSIDE CLOSURE
EP7600	EAVE PLATE - LOW
EP7616	EAVE PLATE - HIGH
FC200	FIXED CLIP - LOW
FC204	FIXED CLIP - HIGH
IC426	INSIDE CLOSURE
CS324	CINCH STRAP
GS246	GUTTER STRAP
RP7710	RAKE PLATE - LOW
RP7720	RAKE PLATE - HIGH

## TRIM ABBREVIATIONS

DFR	DIE FORMED RIDGE CAP
DJC	DOOR JAMB COVER
DS	DOWNSPOUT WITH DIVERTER
DSS	DOWNSPOUT STRAP
HC	DOOR HEADER COVER
ET	EAVE TRIM
REND	RAKE END
GS	GUTTER STRAP
HMC	HALF MULLION COVER
HSET	HIGH SIDE EAVE TRIM
HT	HEAD TRIM
JA	INSIDE ANGLE
IC	INSIDE CORNER
ICB	INSIDE CORNER BOX
ISCL	INSIDE CLOSURE
JT	JAMB TRIM
MC	MULLION COVER
OA	OUTSIDE ANGLE
OC	OUTSIDE CORNER
OCB	OUTSIDE CORNER BOX
OSCL	OUTSIDE CLOSURE
PB	PEAK BOX
PTT	PARTITION TOP TRIM
GU	GUTTER
RT	RAKE TRIM
SSC	SILICONE SEALANT CAULK
SW	SIDEWALL FLASHING
WT	WAINSCOT TRIM

## FASTENER ABBREVIATIONS

SB	1/2" x 3" SCREW BOLT - DeWalt	BASE TO SLAB CONNECTIONS
	SCREW-BOLT + (PFM1411380)	
DP	1/4" x 1 1/4" DRIVE PIN	BASE TO SLAB CONNECTIONS
MFS058NW	"10 x 5/8" SD NO WASHER	SPECIAL TRIM CONNECTIONS
MFS100	"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	TS324 END LAP ATTACHMENT
MFS0112	1/4"-14 x 1 1/2" SD	TS324 CLIP ATTACHMENT

## DRAWING SCHEDULE

1	LEAD SHEET, GENERAL NOTES, SCHEDULES
2	ELEVATION PLAN
3	SLAB PLAN & DETAILS
4	BASE PLAN & DETAILS
5	FRAMING PLAN
5.1	FRAMING DETAILS
6	PARTITION PLAN
7	RAFTER PLAN
7.1	RAFTER DETAILS
8	ROOF PLAN

## BUILDING LOADS

CODE:	IBC 15 - NCBC 18
DEAD LOAD:	2.0 psf.
COLLATERAL LOAD:	0.5 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*1.2*Fa*Ss*W/R
INTERNAL WIND COEFFICIENT:	-0.18 / +0.18
OCCUPANCY:	II - Normal

## 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



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

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

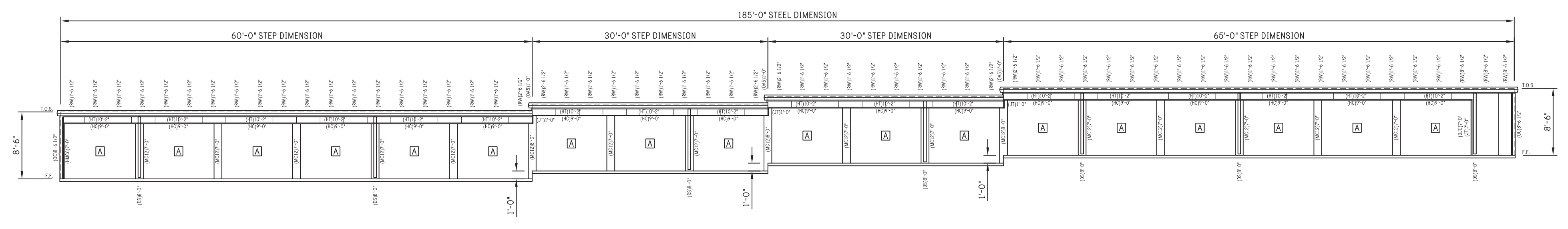
TITLE: 30' x 185' x 8'-6"

JOB NO: 7116-24392	DATE: 11/30/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 1 of 8	DRAWING NO: RD080D20	REVISION:	

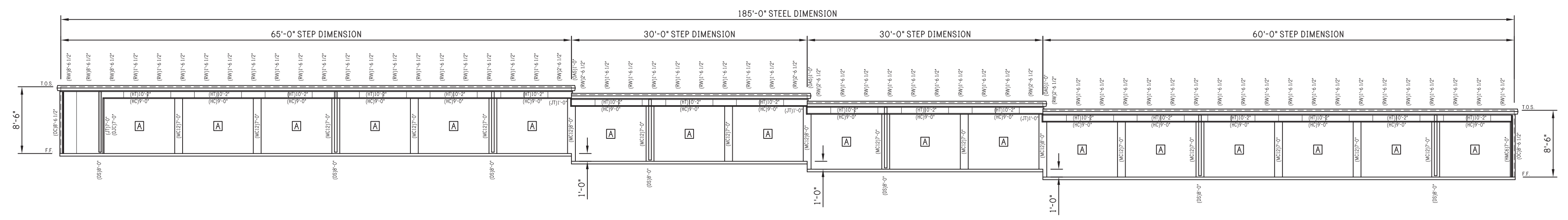
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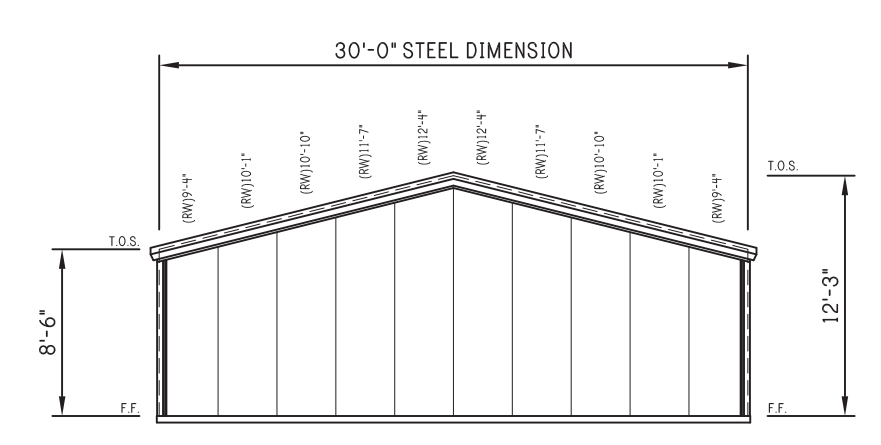
DOOR SCHEDULE	
[A]	(39) EACH 9'-0" X 7'-0" ROLL-UP DOOR



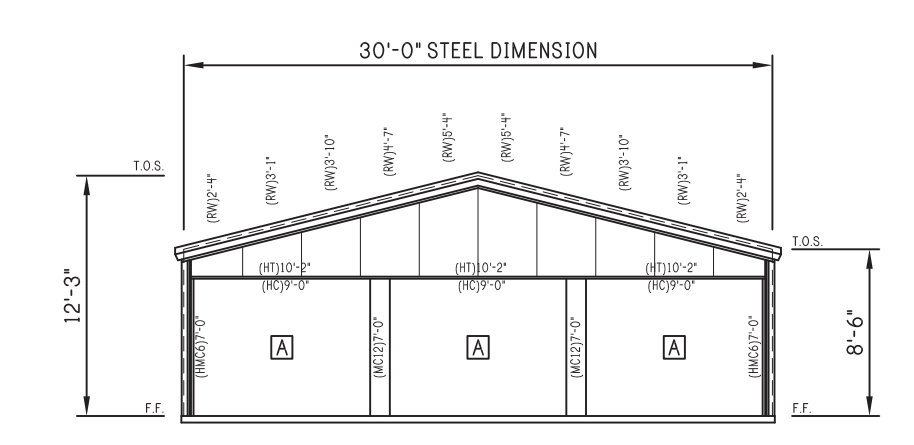
FRONT ELEVATION



REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

ELEVATION PLAN



REV:	DESCRIPTION:	BY:	DATE:
	CONSTRUCTION ISSUE		

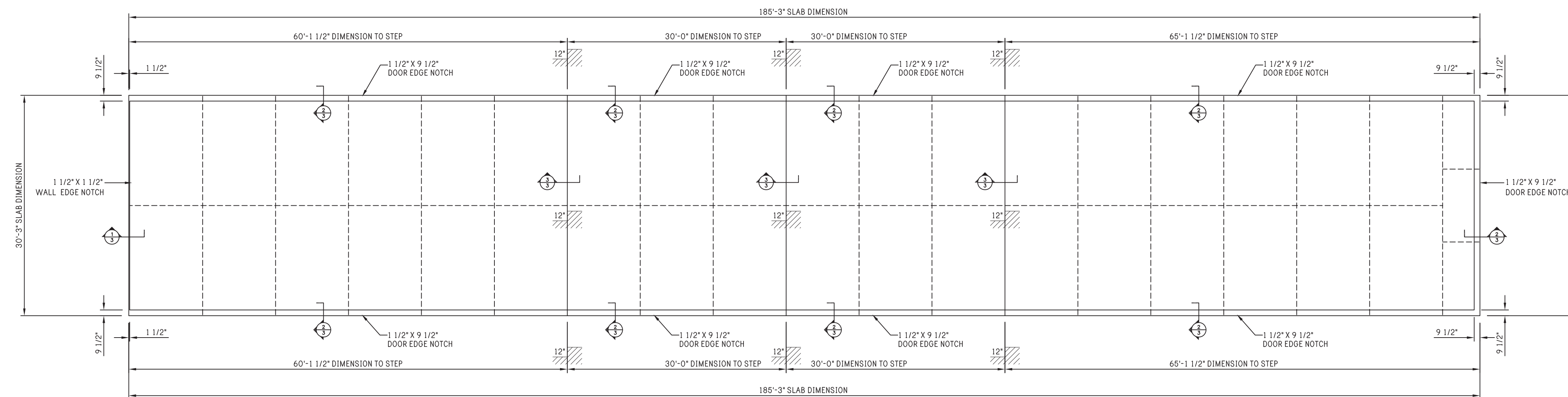
**R & D Drafting, Inc.**  
 42801 S. 654 Rd.  
 Jay, Oklahoma 74346  
 Phone: 918-314-5328

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

SITE: 78 PINEY GROVE RAWLS ROAD FUQUAY VARINA, NC 27526			
TITLE: 30' x 185' x 8'-6"			
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 2 of 8	DRAWING NO: RD080D20	REVISION:	

Notes:

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



SLAB PLAN



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

**R & D Drafting, Inc.**  
 42801 S. 654 Rd.  
 Jay, Oklahoma 74346  
 Phone: 918-314-5328

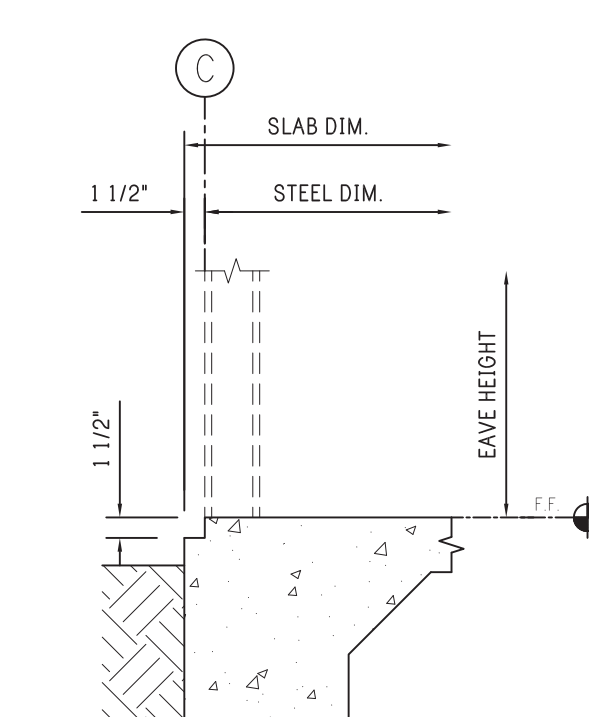


CLIENT:  
 P.O. BOX 1275  
 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

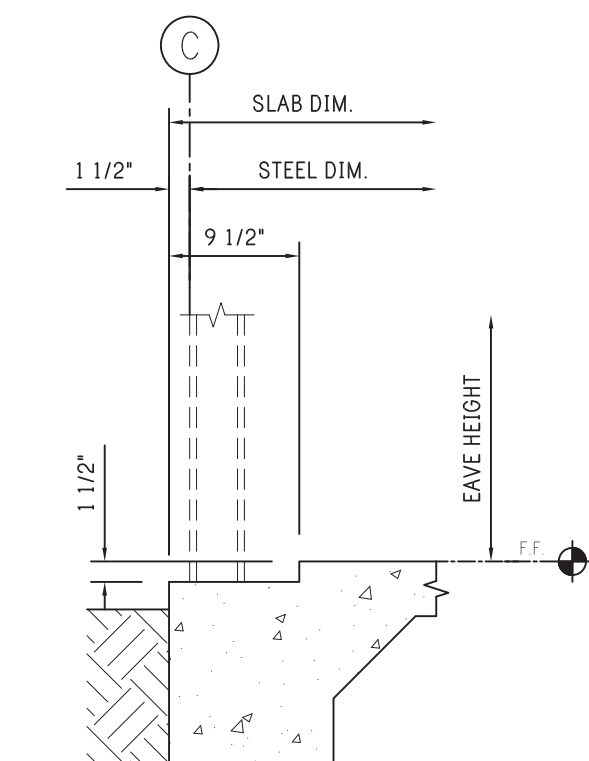
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 185' x 8'-6"

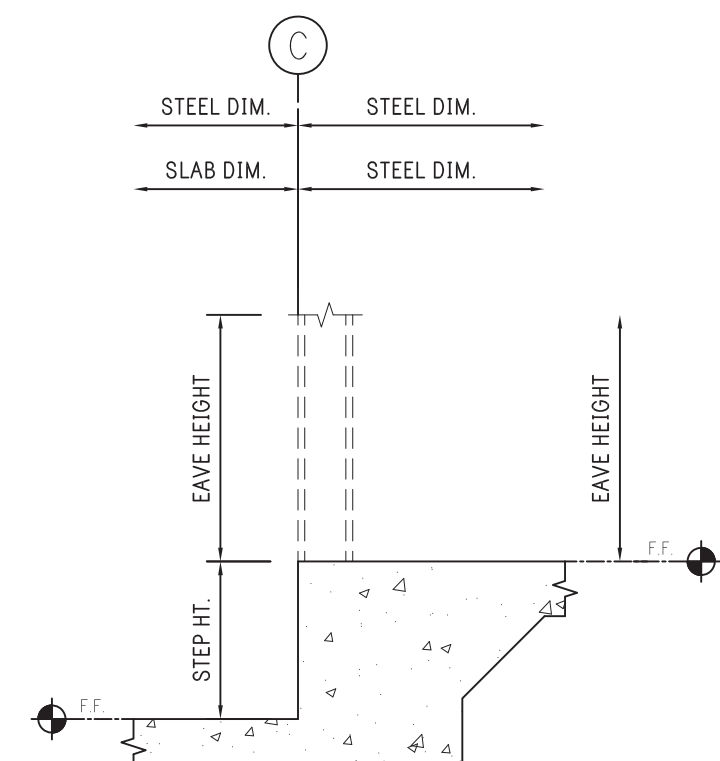
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 3 of 8	DRAWING NO: RD080D20	REVISION:	



1 SLAB NOTCH - WALL EDGE  
 1-1/2" x 1 1/2" NOTCH

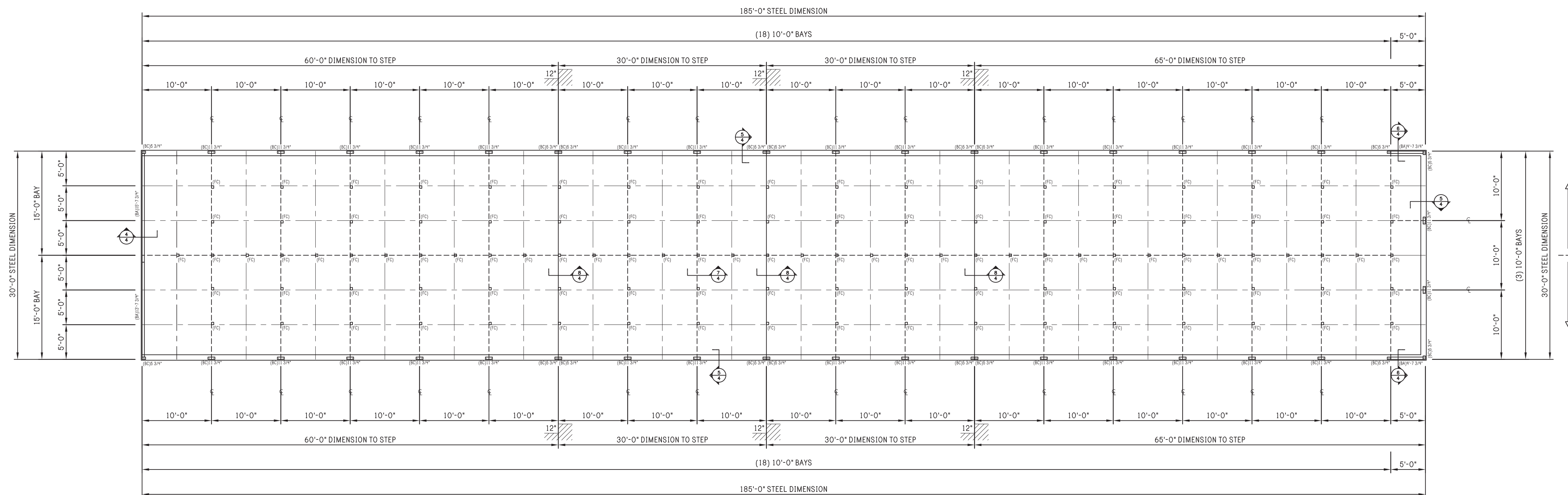


2 SLAB NOTCH - DOOR EDGE  
 1-1/2" x 9 1/2" NOTCH



3 SLAB STEP

Notes:



FLOOR PLAN



REV:	DESCRIPTION:	BY:	DATE:
	CONSTRUCTION ISSUE		

**R & D Drafting, Inc.**  
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 Jay, Oklahoma 74346  
 Phone: 918-314-5328

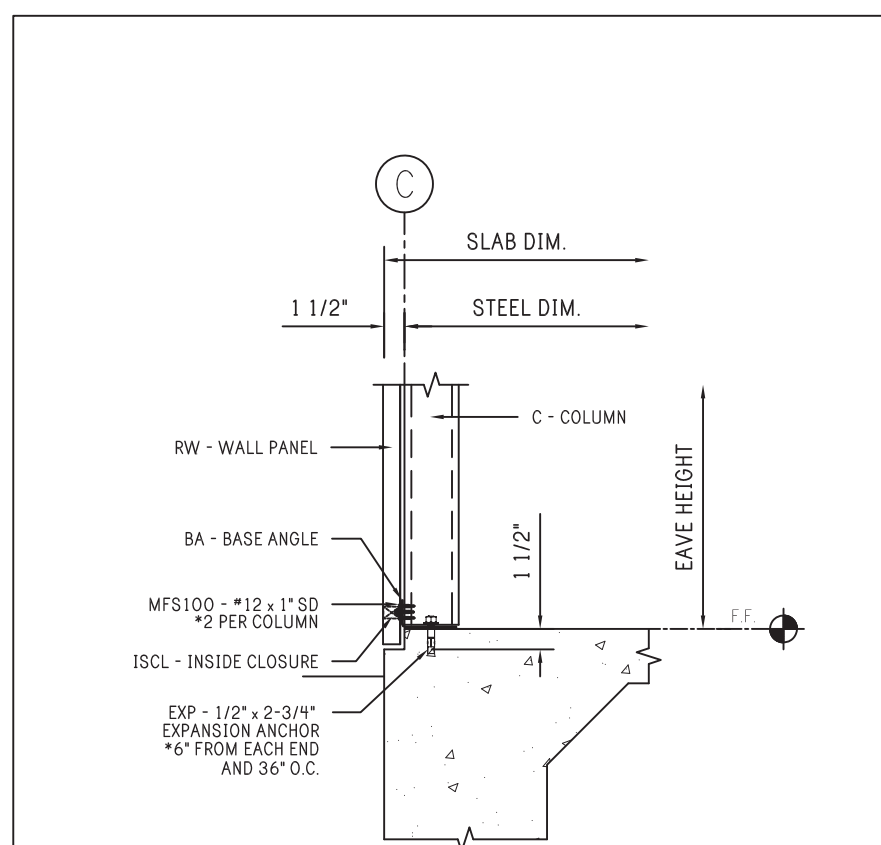


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 Phone: (844) 333-7325  
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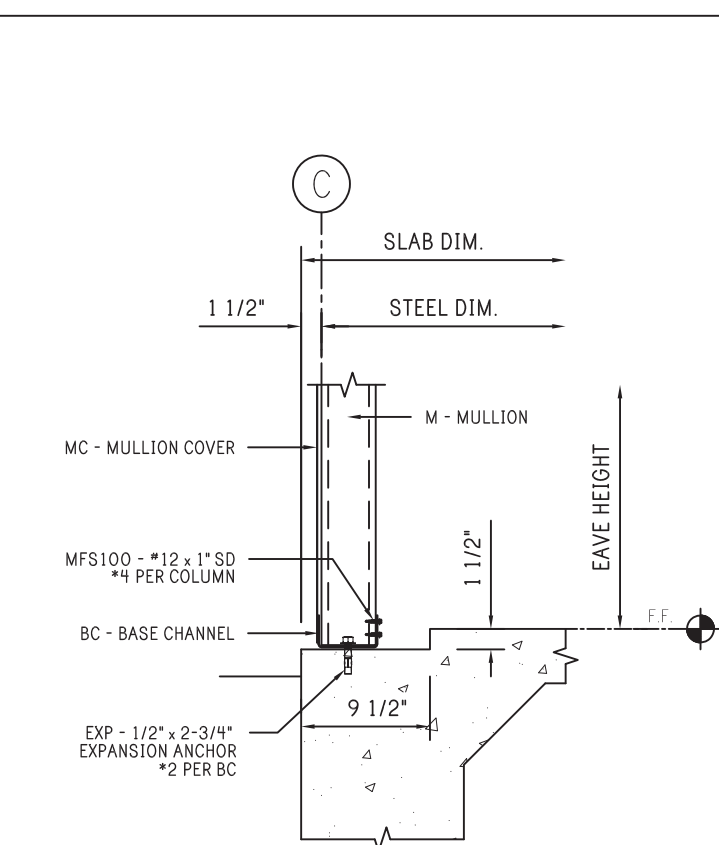
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 185' x 8'-6"

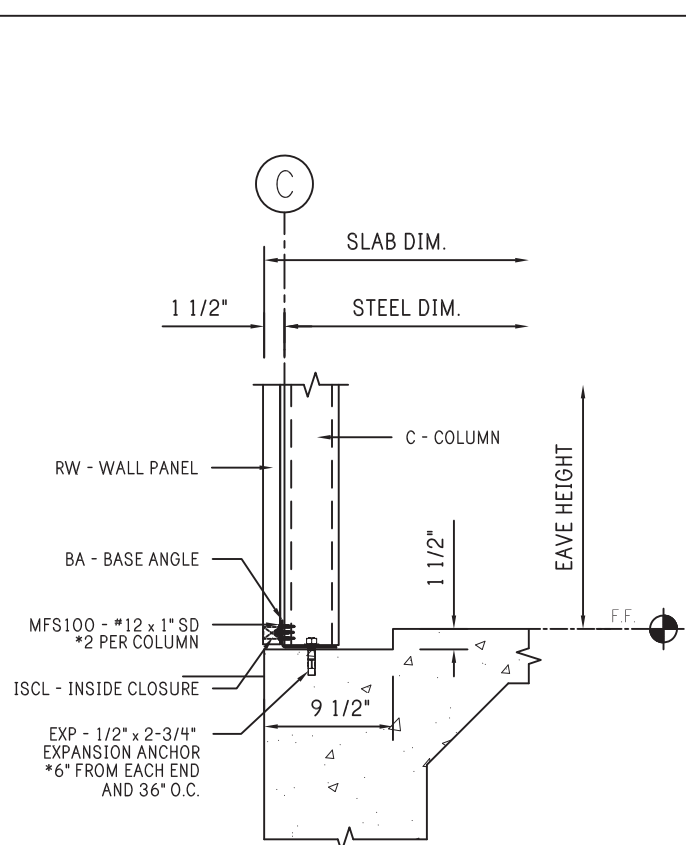
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 4 of 8	DRAWING NO: RD080D20	REVISION:	



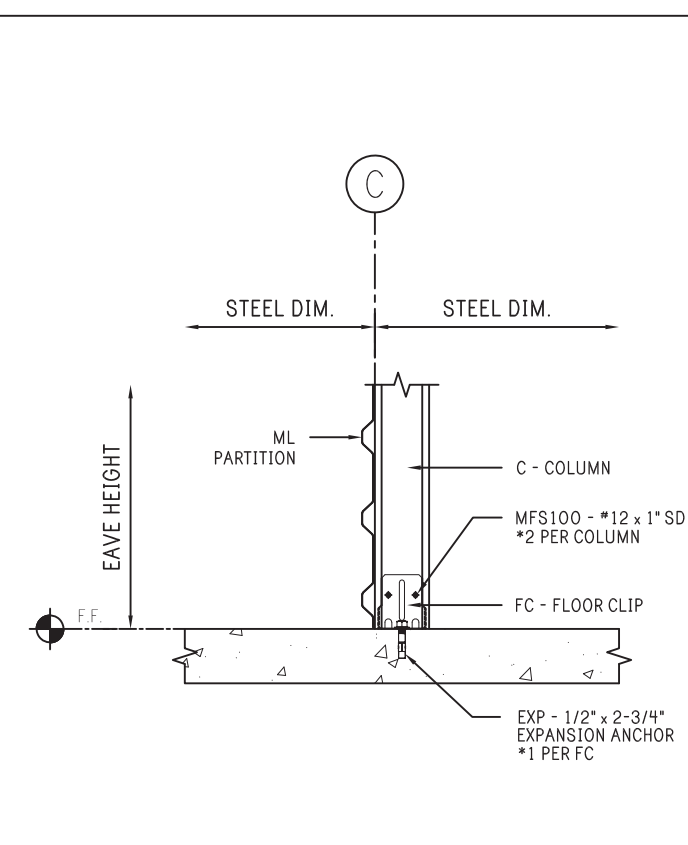
4 BASE ANGLE - WALL EDGE



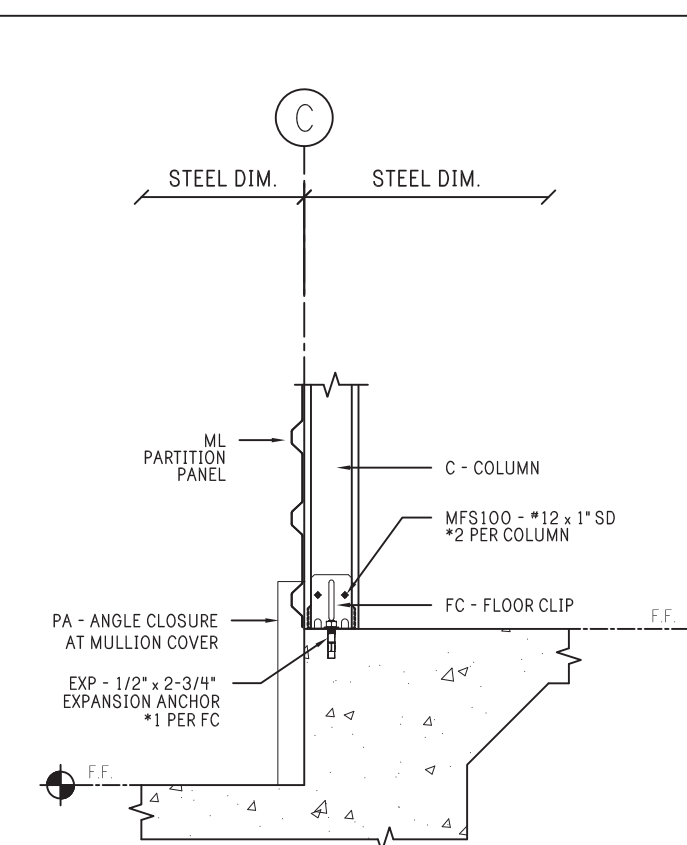
5 BASE CHANNEL - DOOR EDGE



6 BASE ANGLE - DOOR EDGE AT SHEETED WALL



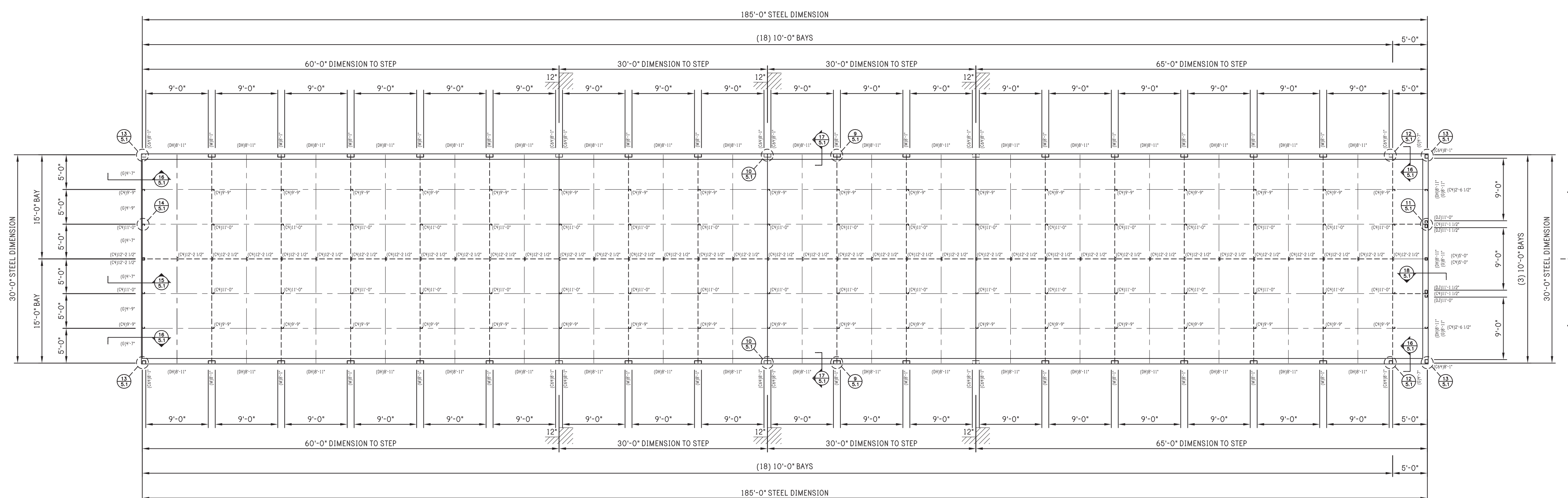
7 COLUMN - FLOOR CLIP



8 FLOOR CLIP - SLAB STEP

Notes:

1. COLUMN SPACING IS ON 5'-0" GRID UNLESS OTHERWISE NOTED. SEE DETAILS FOR COLUMN PLACEMENT.



FRAMING PLAN



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

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 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

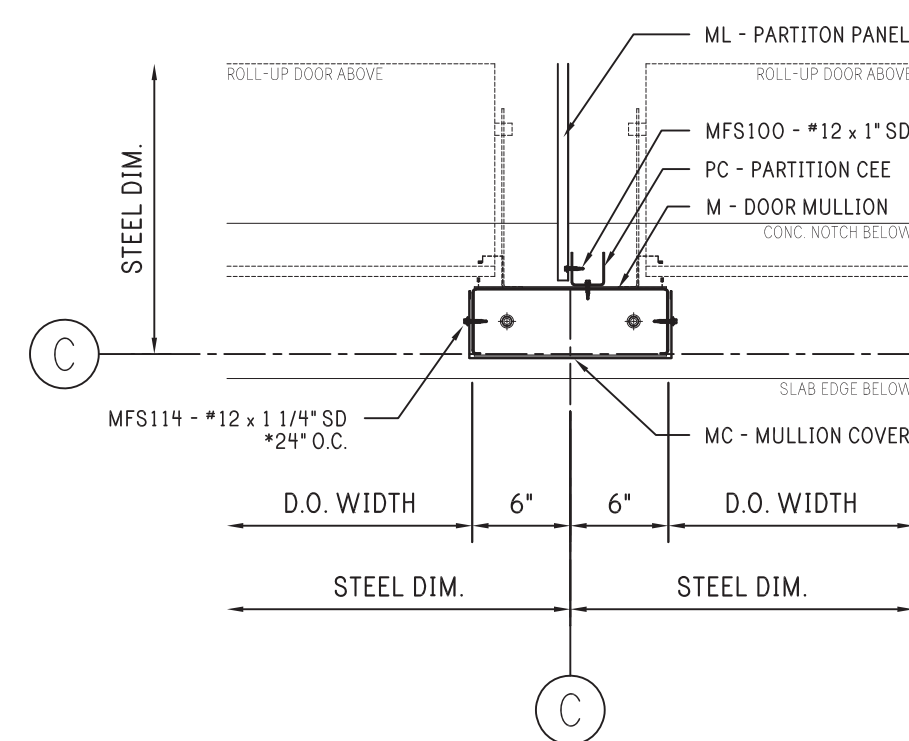
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 185' x 8'-6"

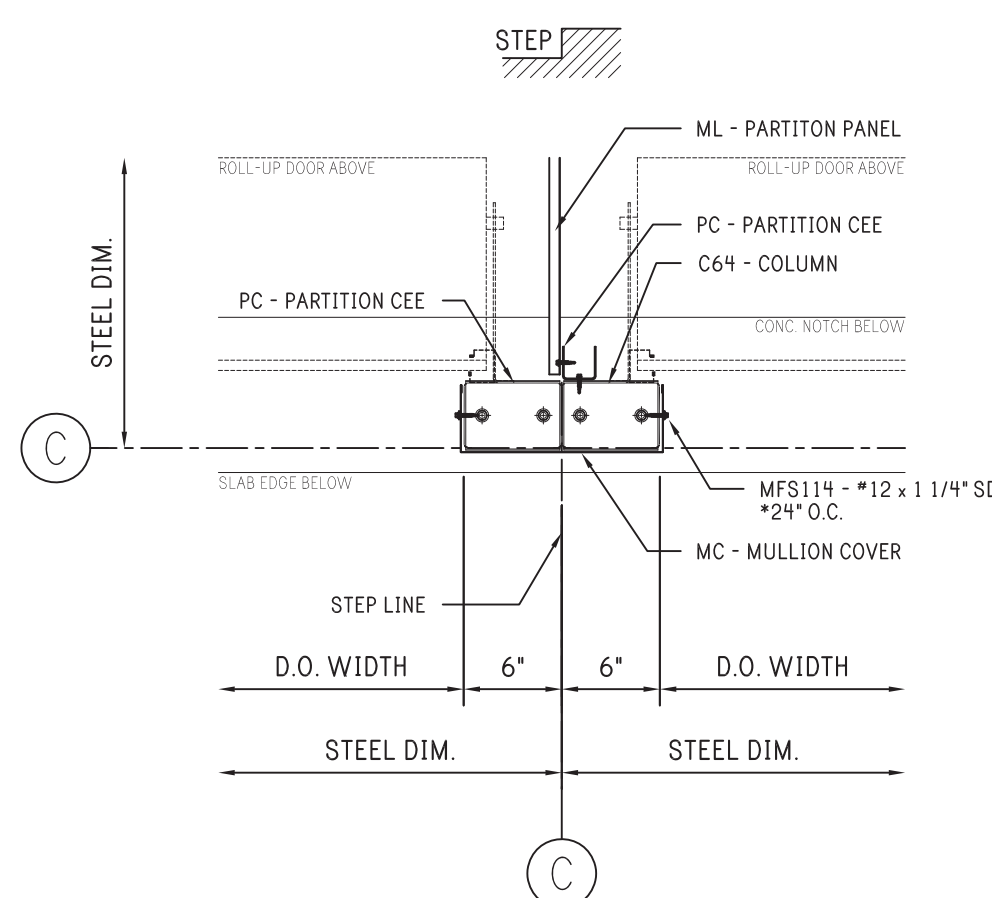
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 5 of 8	DRAWING NO: RDO80D20	REVISION:	



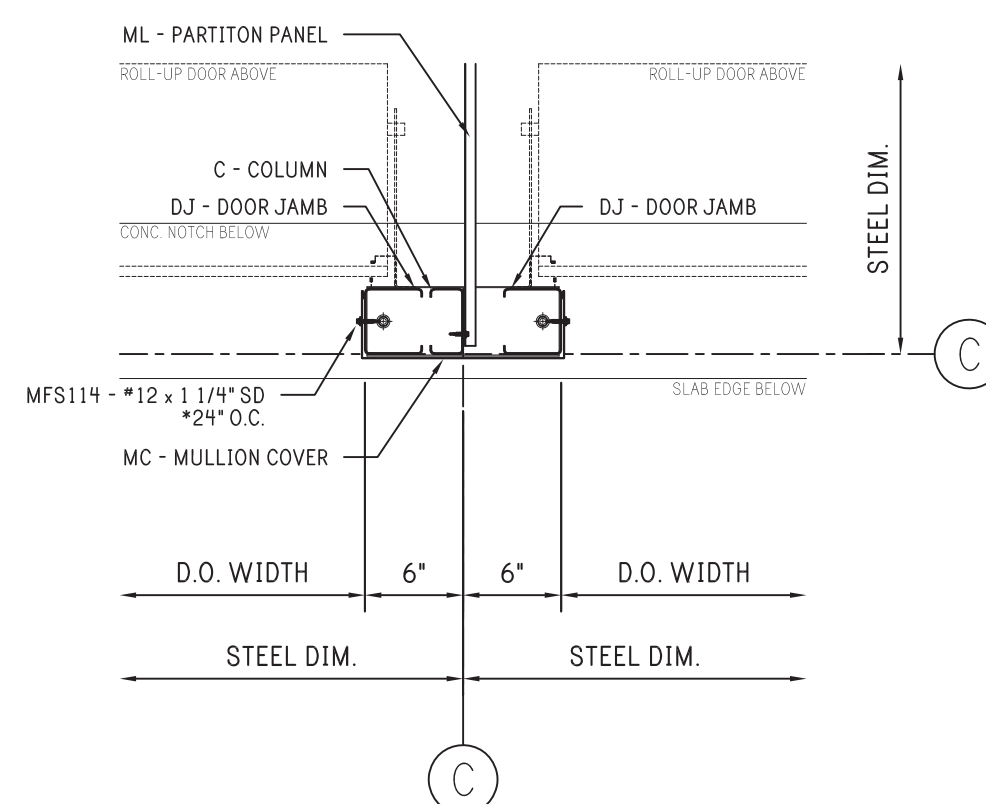
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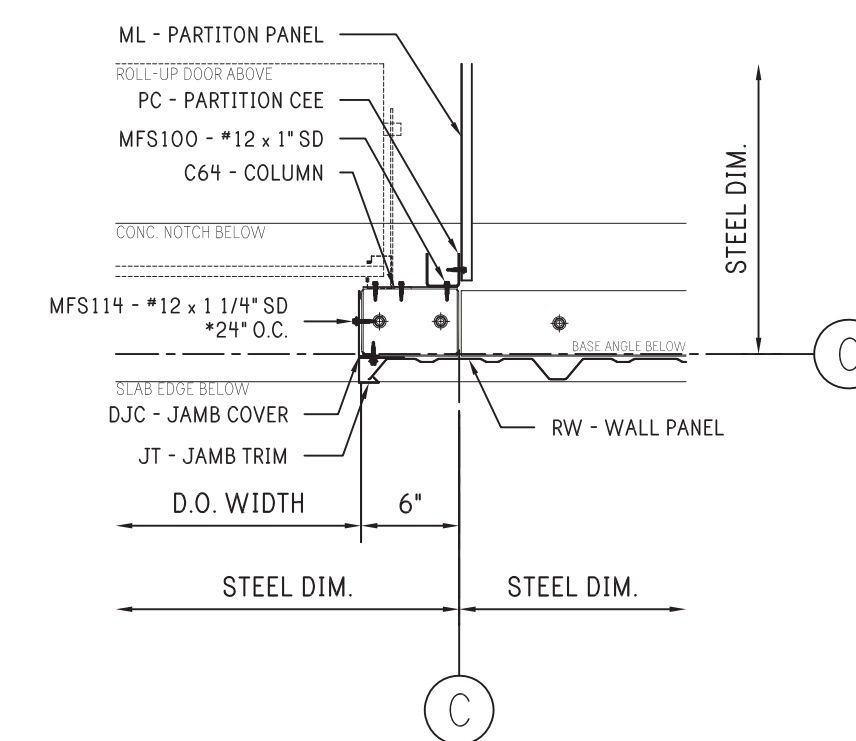
9 12" DOOR MULLION



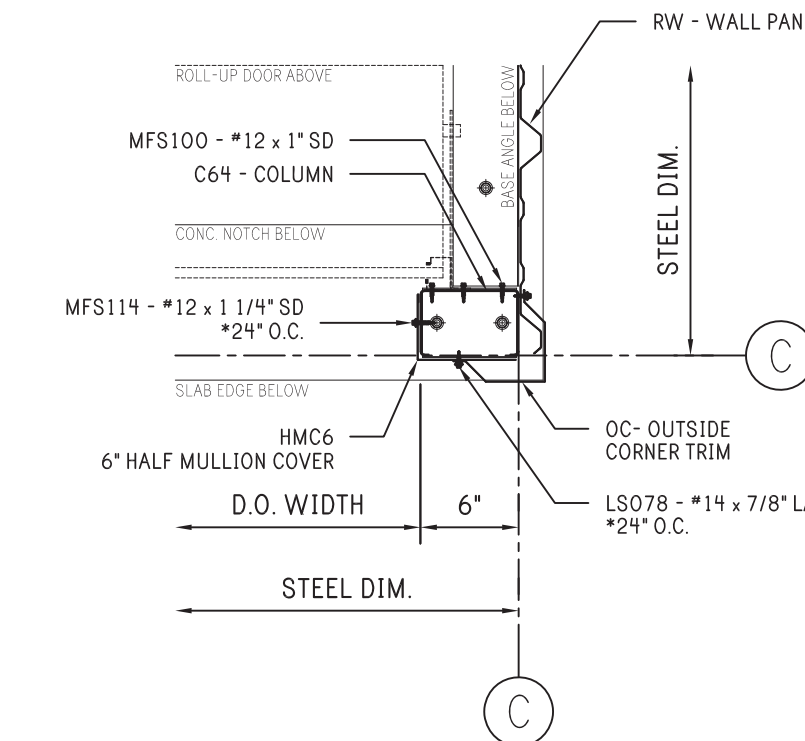
10 12" DOOR MULLION AT SLAB STEP



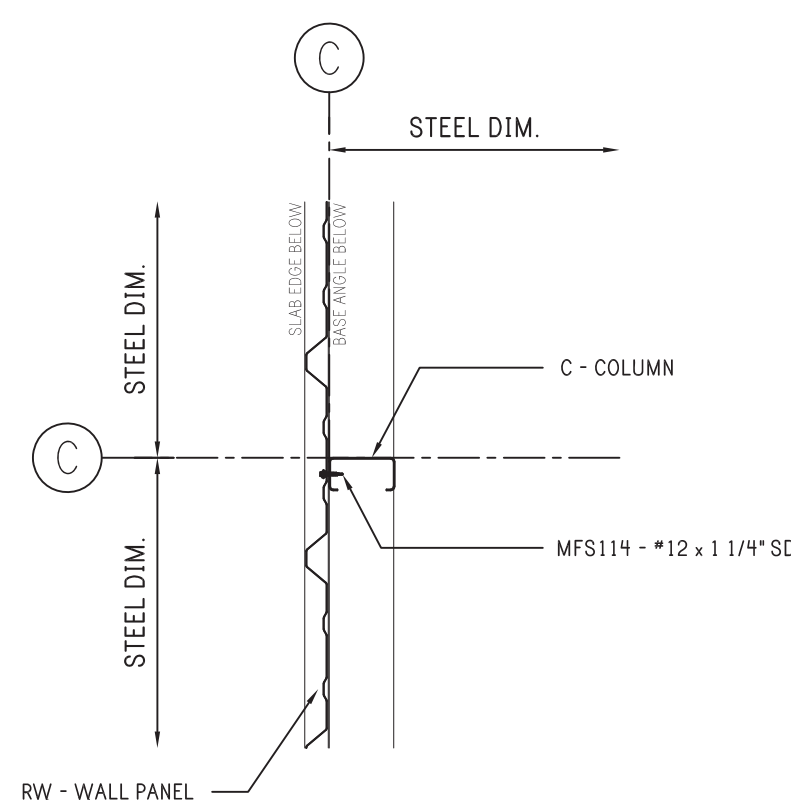
11 12" DOOR MULLION AT END WALL



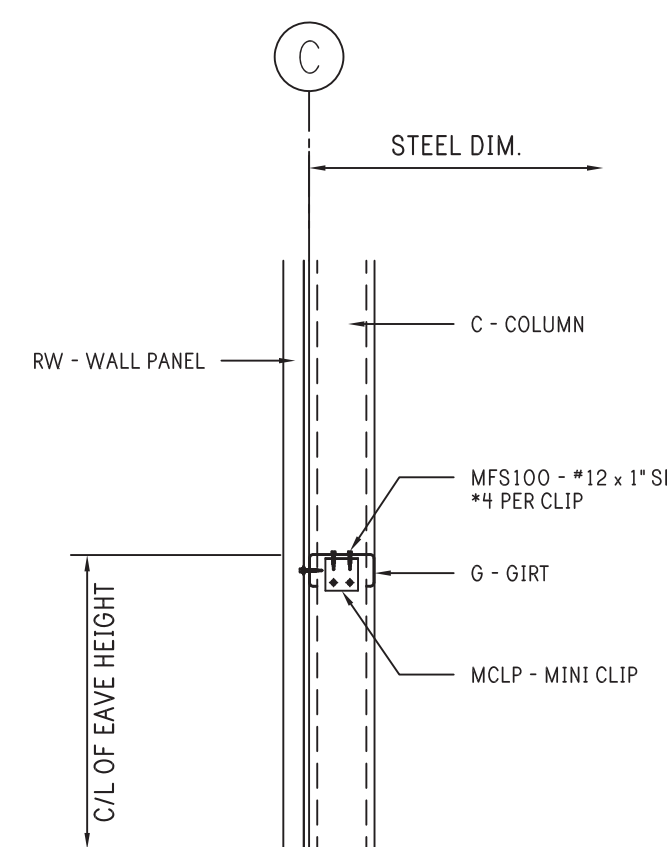
12 6" DOOR JAMB AT PANEL WALL



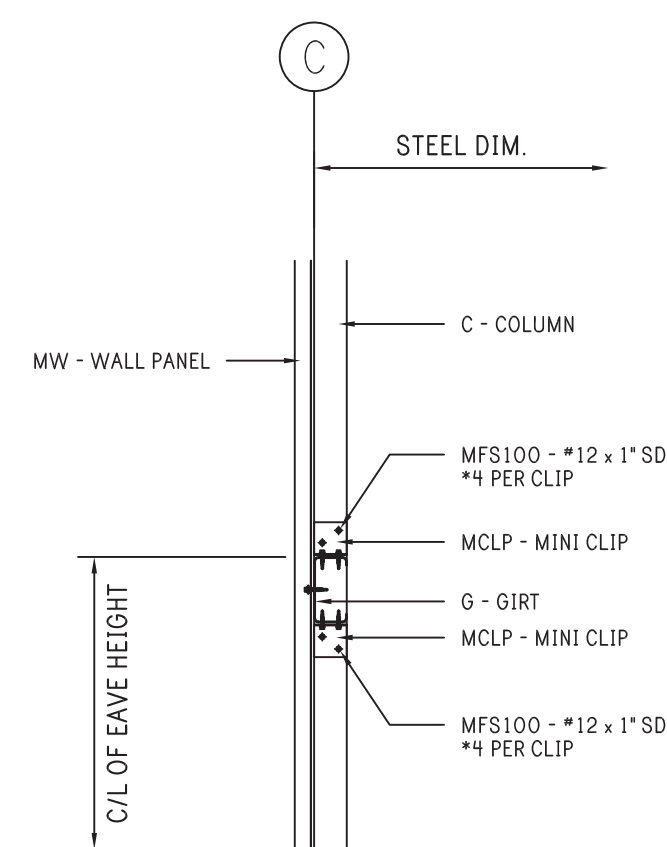
13 6" DOOR JAMB AT CORNER



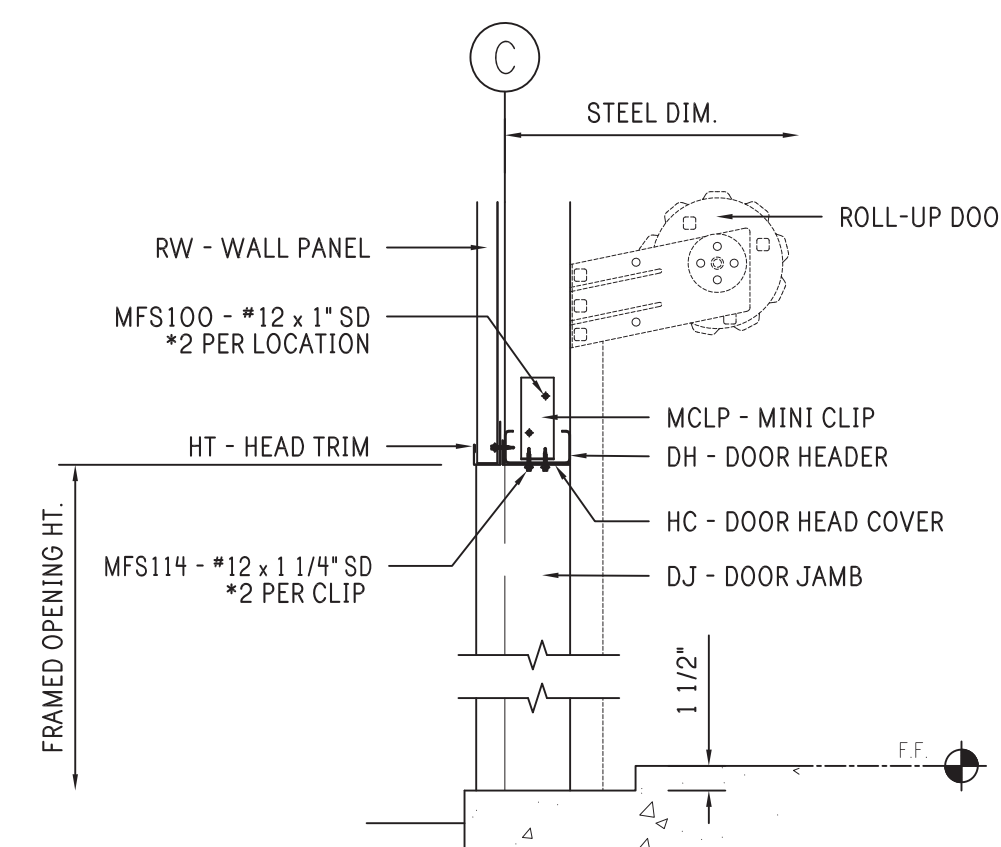
14 COLUMN AT WALL



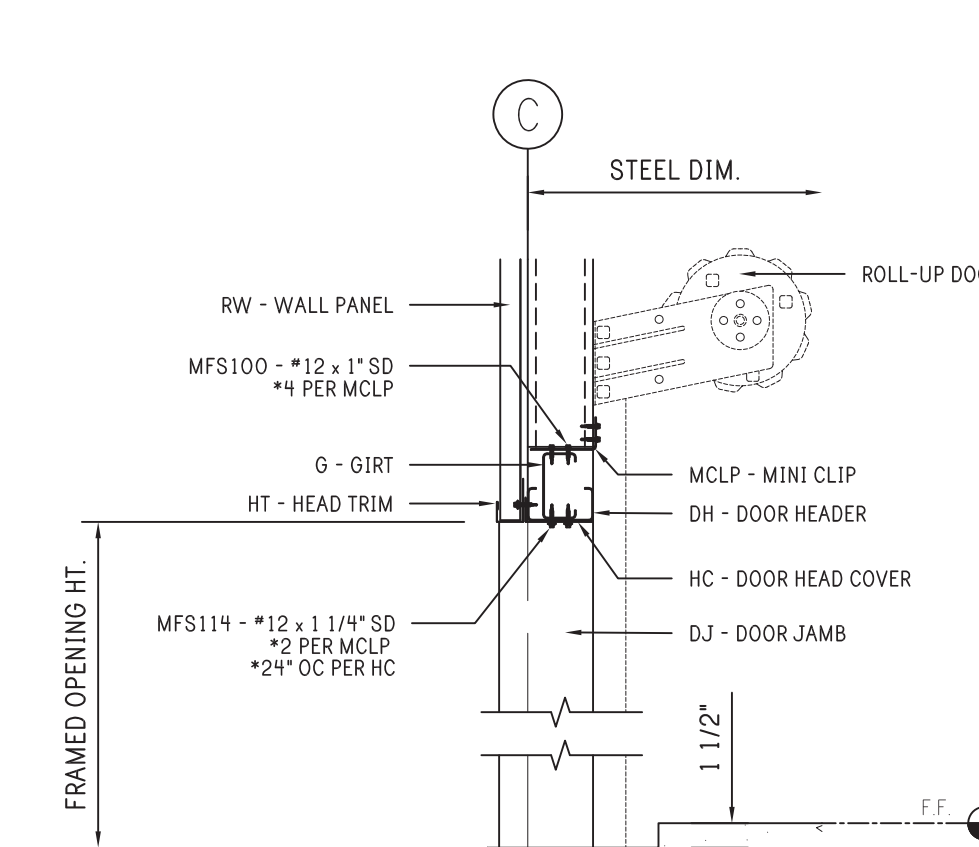
15 GIRT - TYPICAL



16 GIRT - AT 6" JAMB



17 DOOR HEADER



18 DOOR HEADER - ENDWALL PURLIN SUPPORT



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

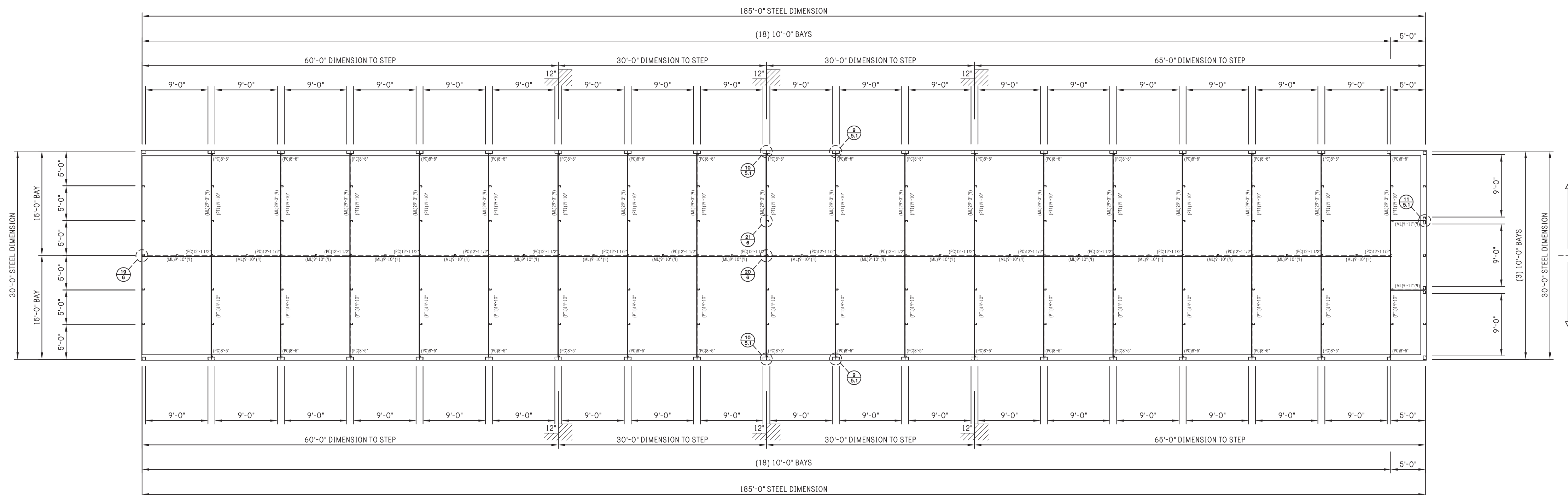
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 Phone: 918-314-5328

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

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUUQUAY VARINA, NC 27526  
 TITLE: 30' x 185' x 8'-6"  
 JOB NO: 7116-24392 DATE: 11/04/20 DRAWN: JSG CHECKED: DSM  
 SHEET NO: 5.1 of 8 DRAWING NO: RD080D20 REVISION:

FRAMING DETAILS

Notes:



PARTITION PLAN



REV:	DESCRIPTION:	BY:	DATE:
	CONSTRUCTION ISSUE		

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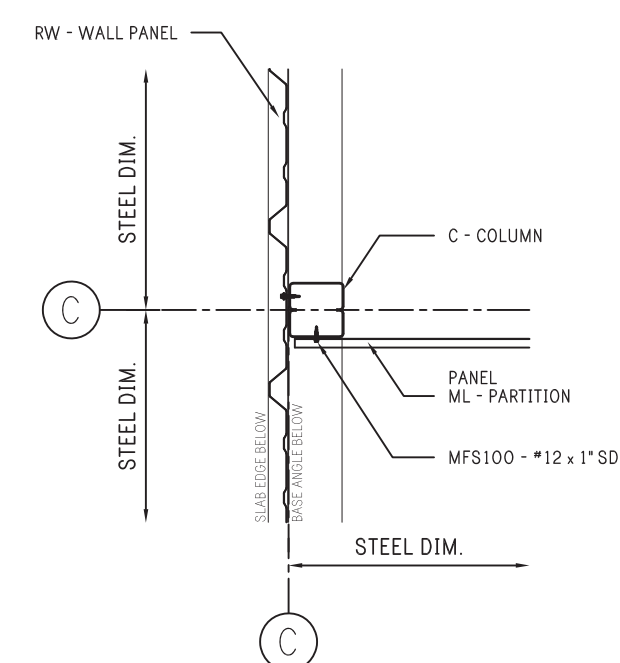


CLIENT:  
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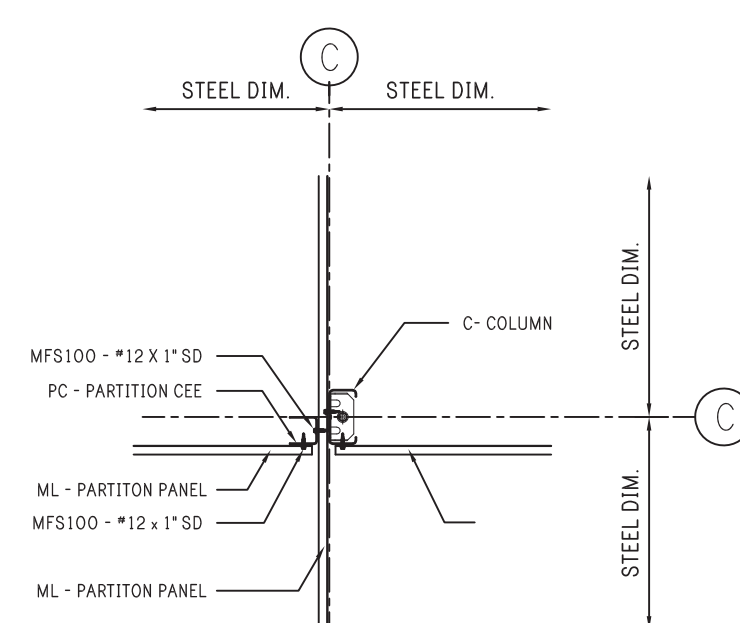
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: **30' x 185' x 8'-6"**

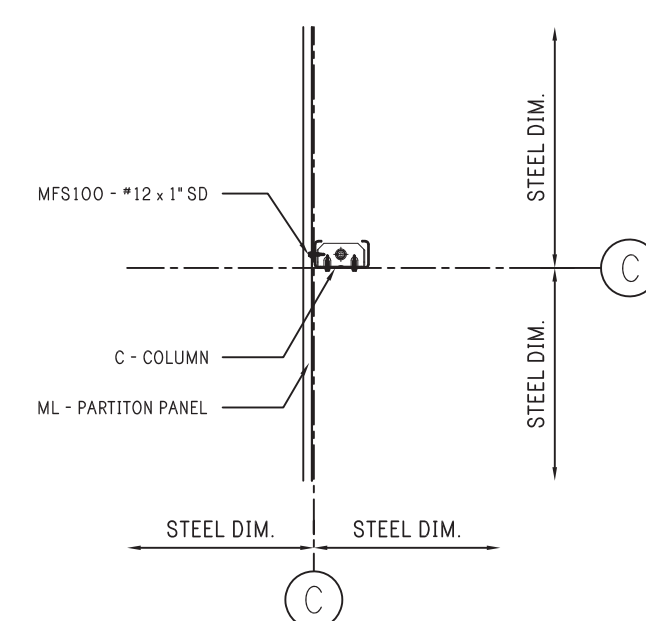
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 6 of 8	DRAWING NO: RD080D20	REVISION:	



19 PARTITION AT WALL AT RIDGE LINE

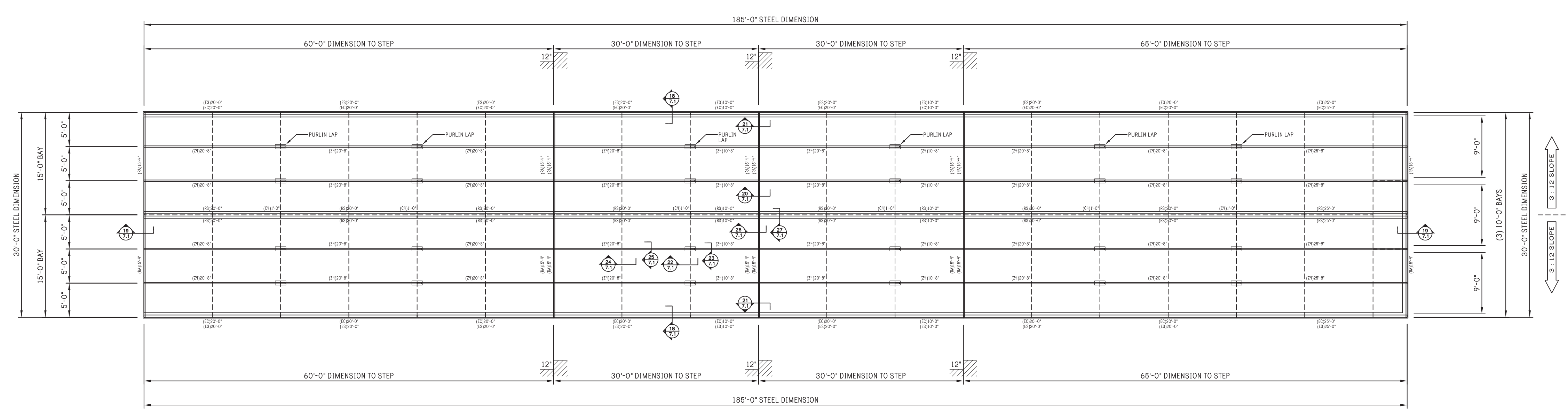


20 PARTITION TEE AT RIDGE LINE



21 CLIP AT COLUMN

Notes:



**RAFTER PLAN**



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

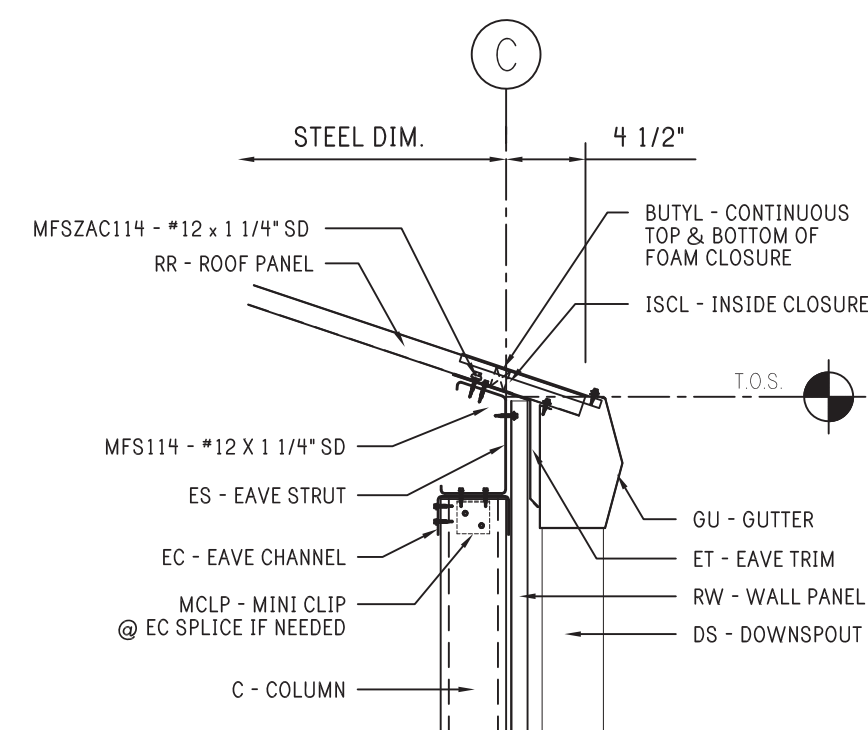
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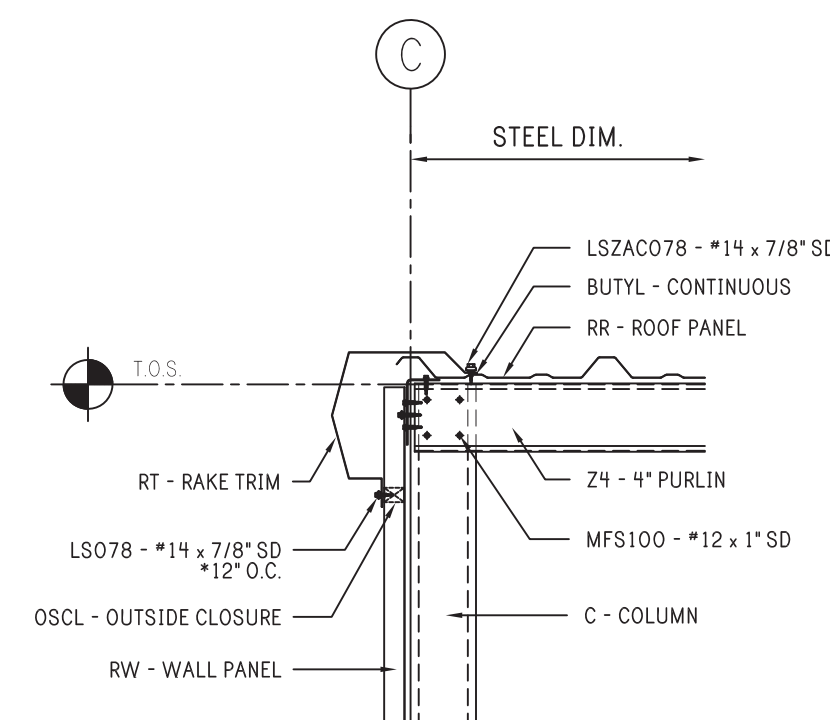
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526  
 TITLE: **30' x 185' x 8'-6"**

JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7 of 8	DRAWING NO: RD080D20	REVISION:	

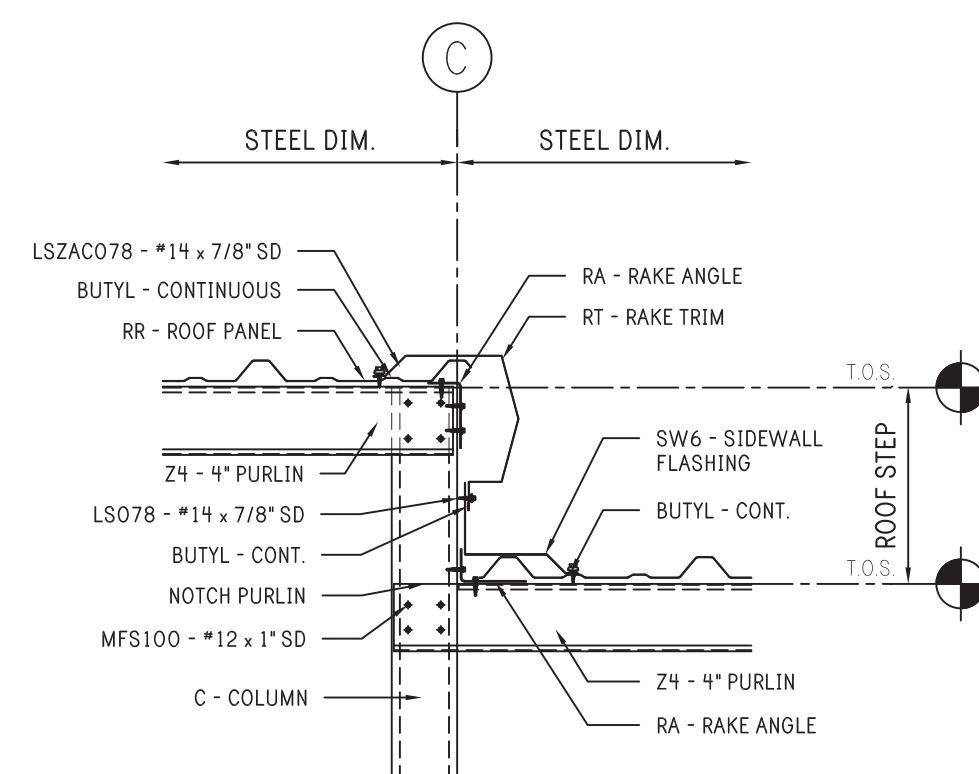
Notes:



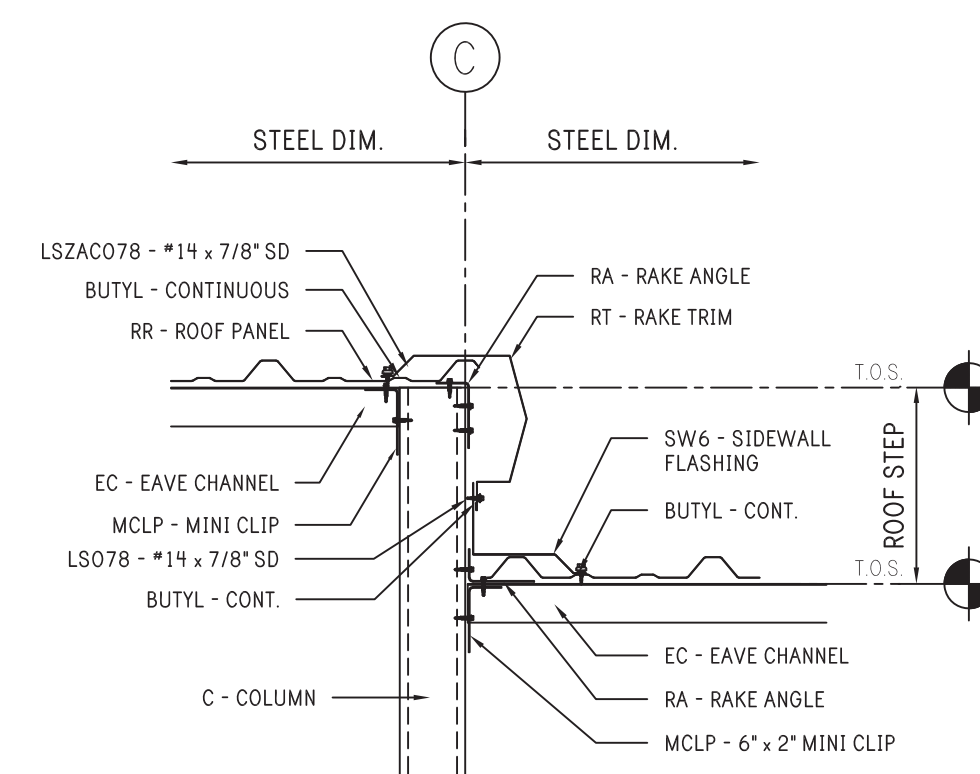
18 LOW EAVE STRUT w/ GUTTER



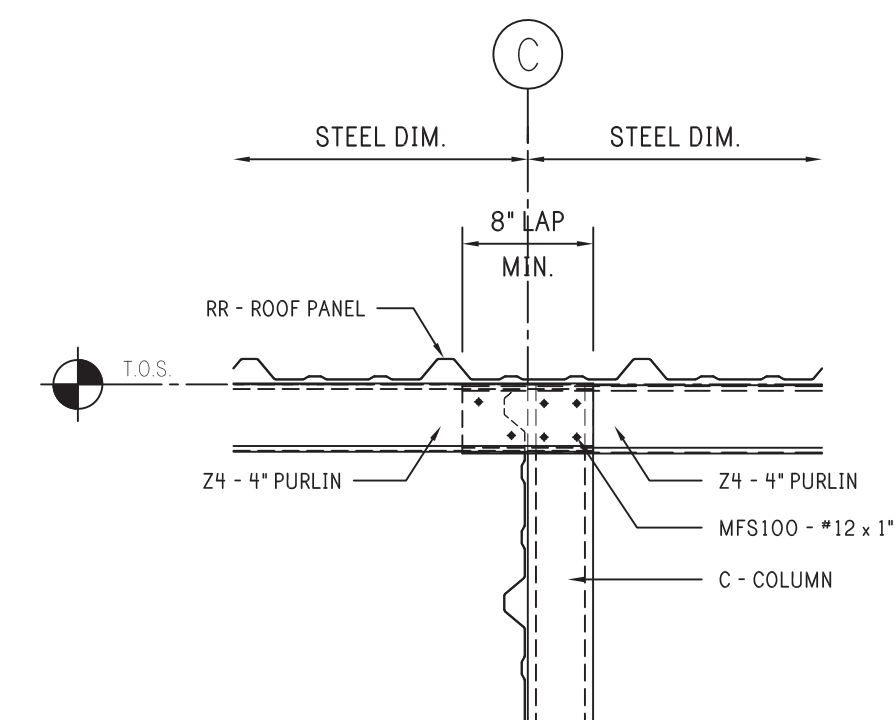
19 RAKE



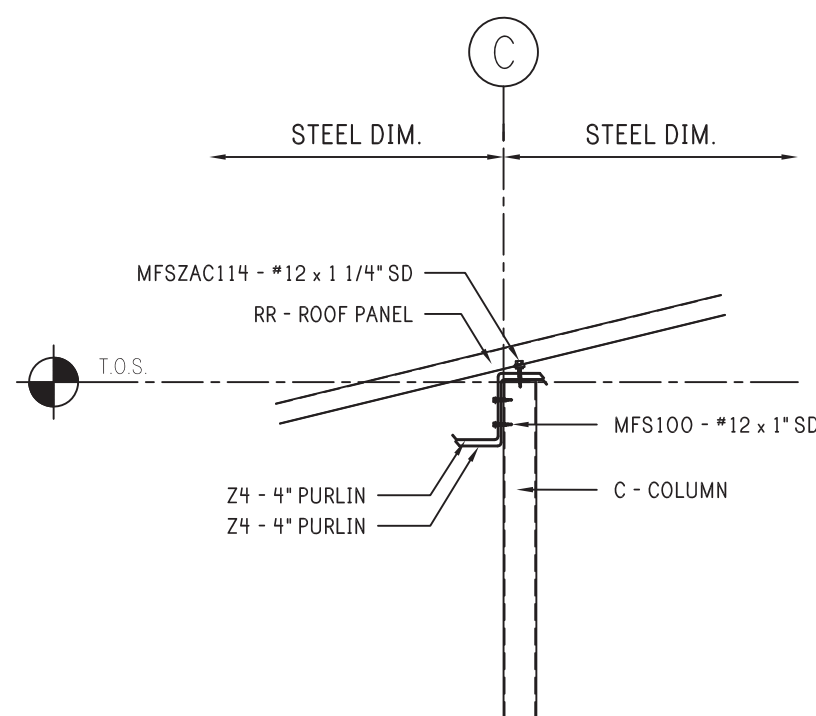
20 12" STEP AT PURLIN



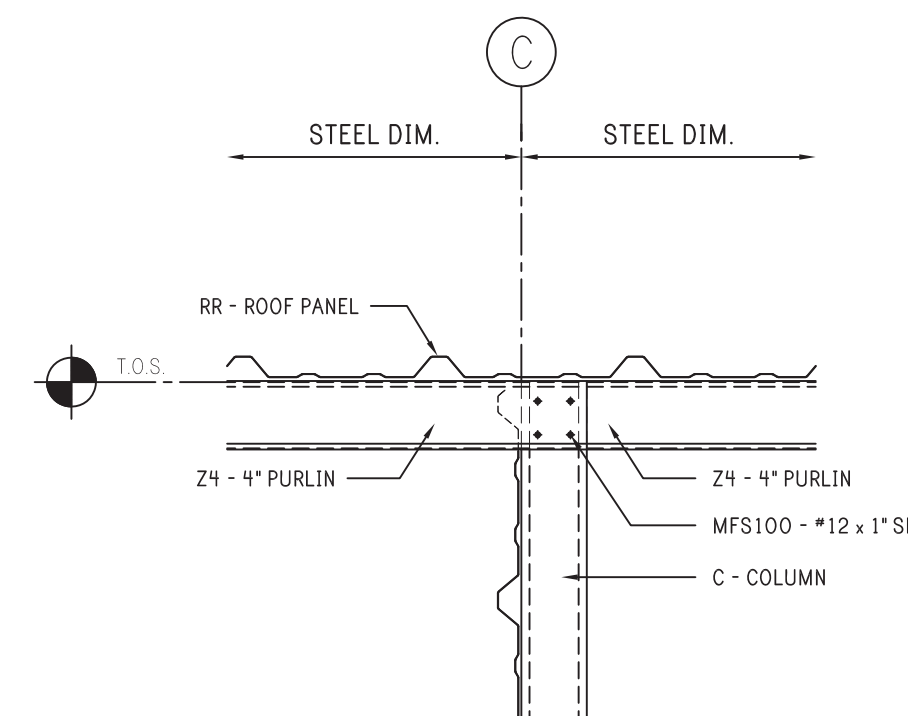
21 12" STEP AT EAVE



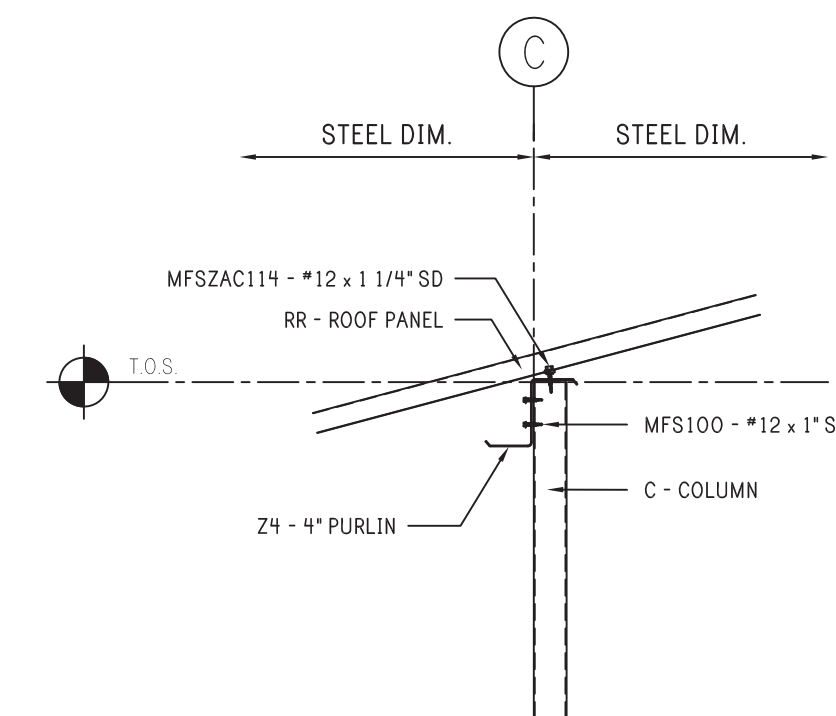
22 4" PURLIN LAP SIDE VIEW



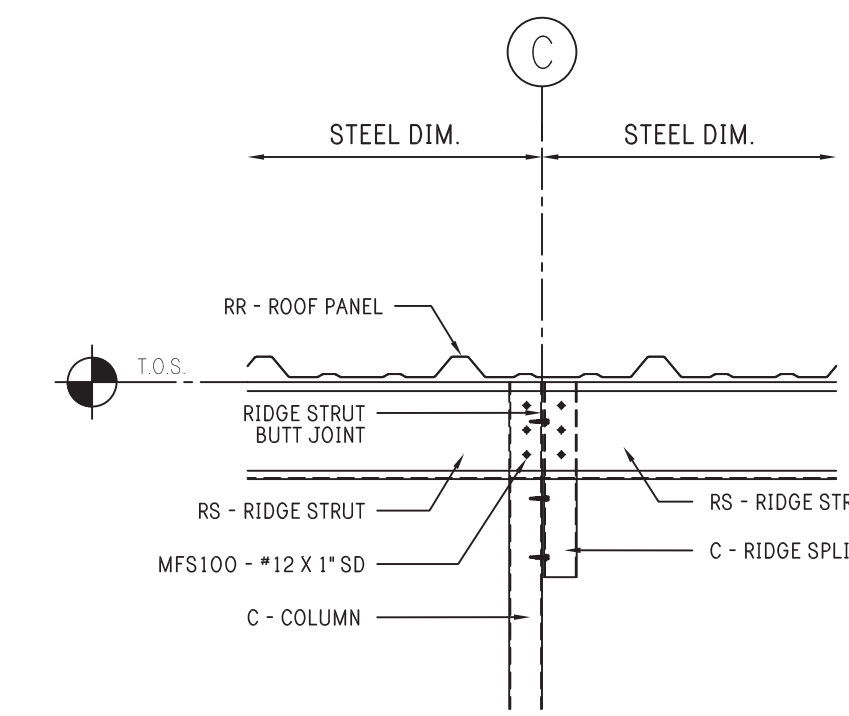
23 4" PURLIN LAP SECTION VIEW



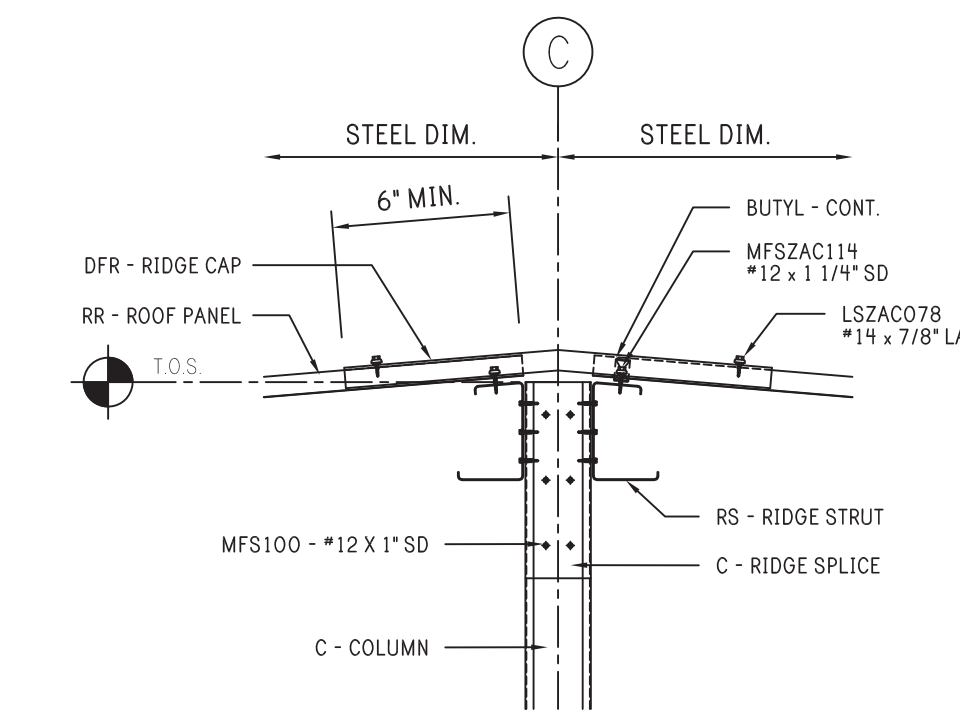
24 4" PURLIN SIDE VIEW



25 4" PURLIN SECTION VIEW



26 STRUT SPLICE - SIDE



27 STRUT SPLICE - SECTION



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 Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUYQUAY VARINA, NC 27526

TITLE: 30' x 185' x 8'-6"

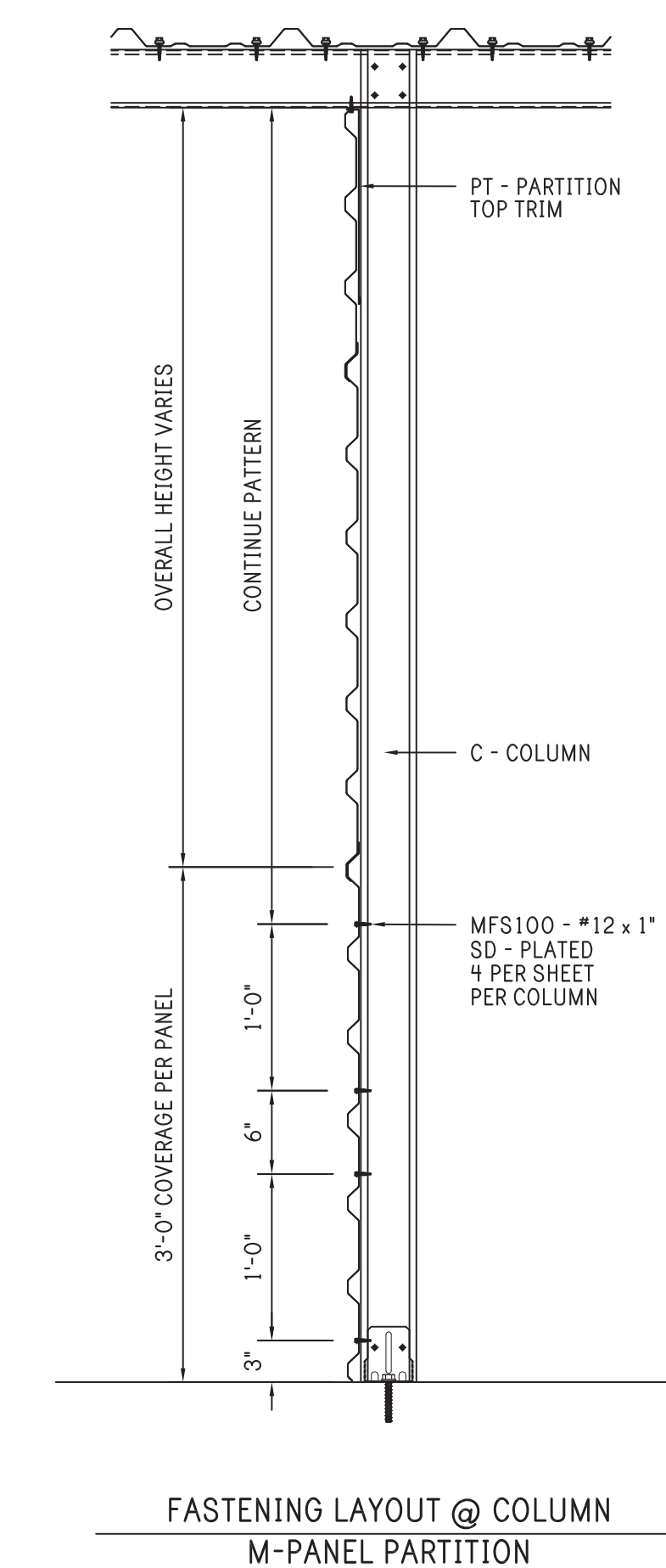
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7.1 of 8	DRAWING NO: RD080D20	REVISION:	

RAFTER DETAILS

Notes:

**ERECTOR NOTE**

TOP PARTITION PANEL MAY BE BACK LAPPED AS NEEDED.  
TOP TRIM IS USED TO FINISH OFF TO THE BOTTOM OF THE PURLIN.



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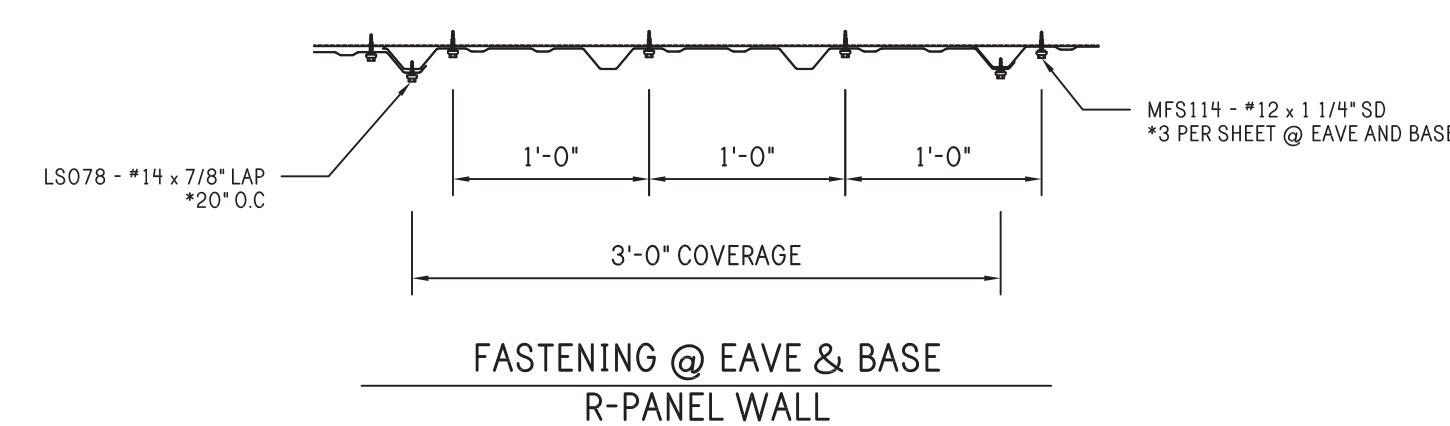
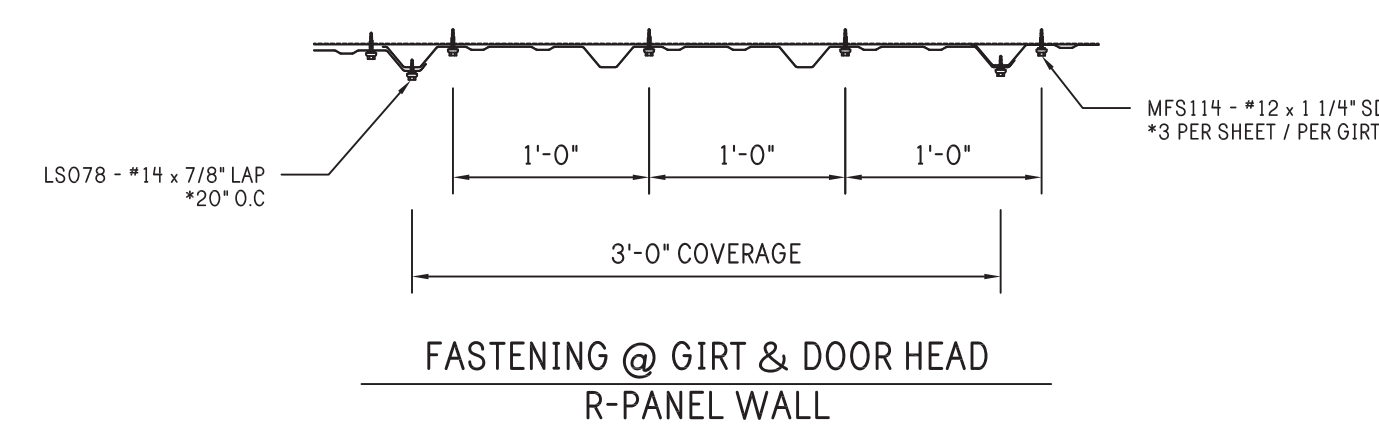
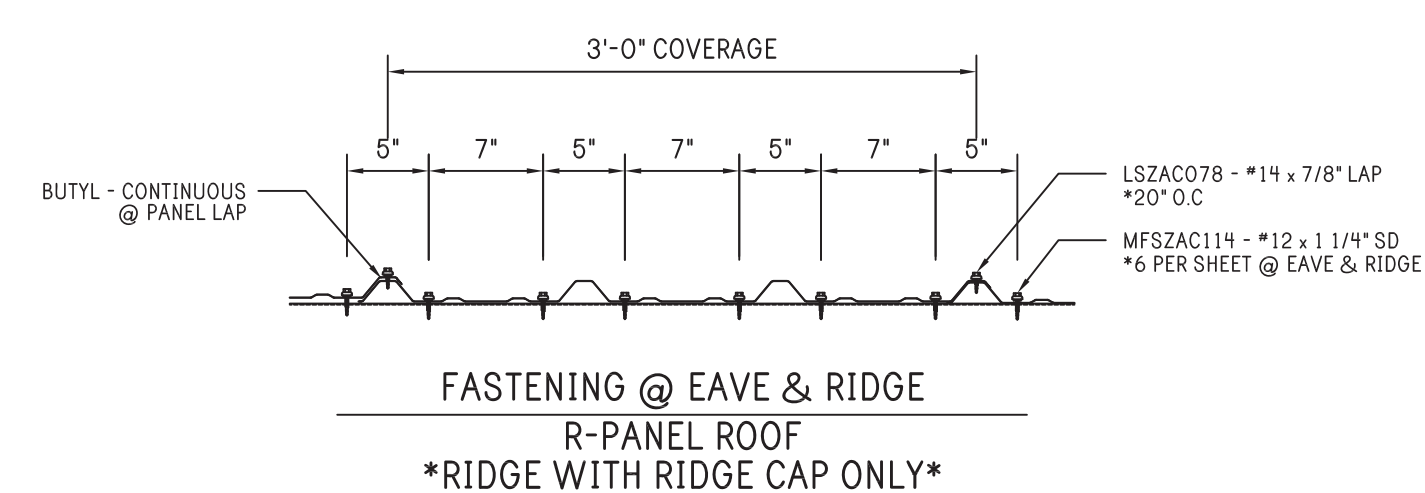
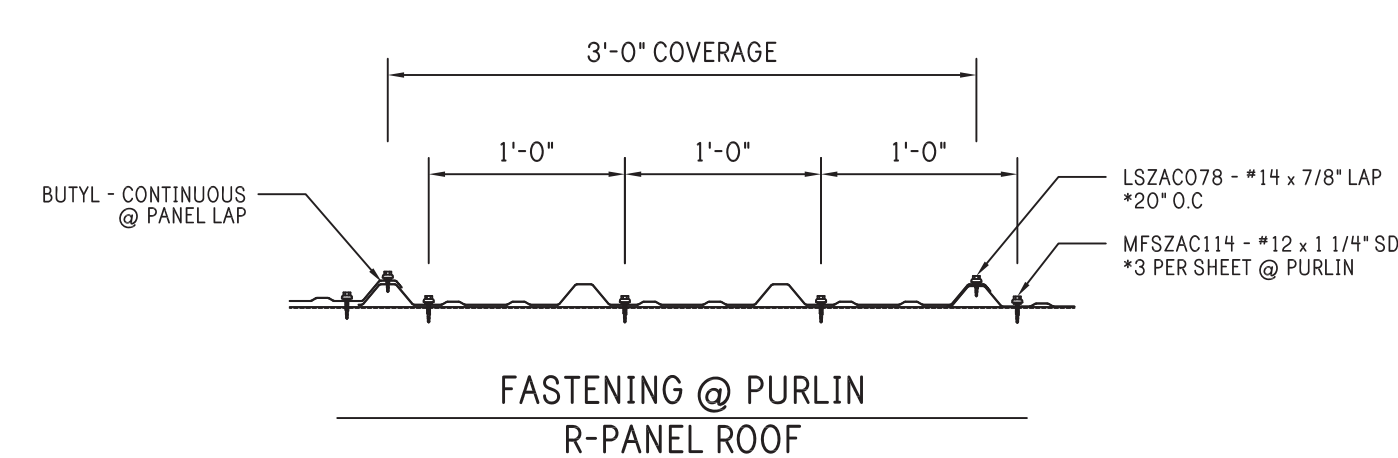


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Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
FUQUAY VARINA, NC 27526

TITLE: **30' x 185' x 8'-6"**

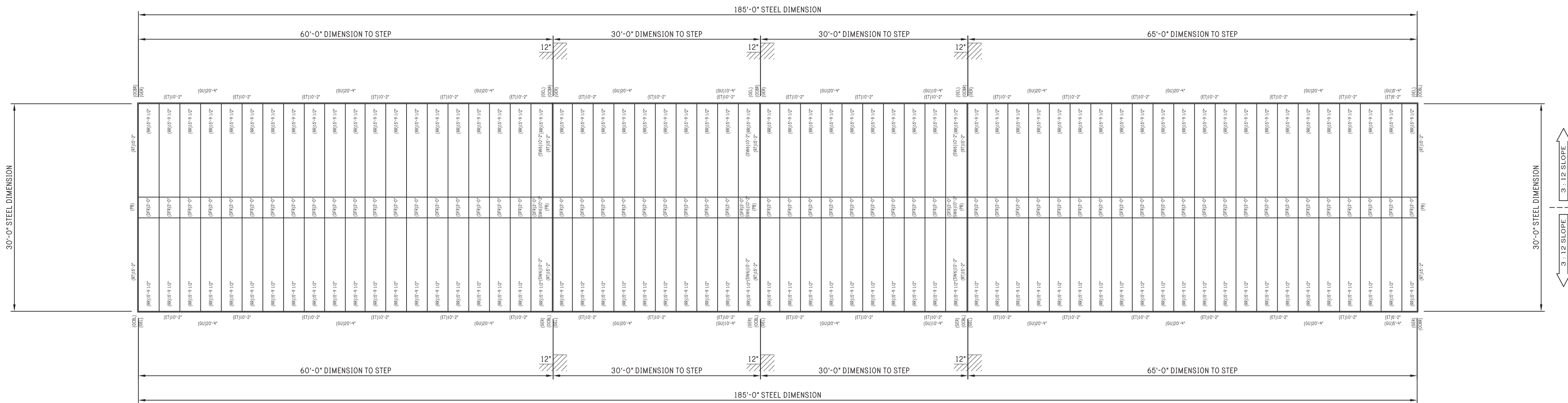
JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7.2 of 8	DRAWING NO: RD080D20	REVISION:	



**ATTACHMENT DETAILS**

Notes:

- CLOSURES**  
 (124) INSIDE CLOSURES INCLUDED FOR LOW EAVE.  
 (16) INSIDE CLOSURES INCLUDED FOR BASE OF EXTERIOR WALL PANELS.  
 (20) OUTSIDE CLOSURES INCLUDED FOR RAKE.



ROOF PLAN



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

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 Phone: (844) 333-7325  
 Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 185' x 8'-6"

JOB NO: 7116-24392	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 8 of 8	DRAWING NO: RD080D20	REVISION:	

## 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.): 30  
 LENGTH (ft.): 200  
 EAVE HEIGHT (ft.): 8.5 / 8.5  
 ROOF SLOPE (Rise/12): 3.00 / 3.00

## PANEL SELECTION

ROOF: SSX 26 Ga. (w/Condenstop)  
 WALL: SSX 26 Ga.  
 PARTITION: LRX 29 Ga.  
 LINER: N/A

# BUILDING E PINEY GROVE STORAGE 78 PINEY GROVE RAWLS ROAD FUQUAY VARINA, WAKE COUNTY NORTH CAROLINA, 27526

## DRAWING SCHEDULE

1	LEAD SHEET, GENERAL NOTES, SCHEDULES
2	ELEVATION PLAN
3	SLAB PLAN & DETAILS
4	BASE PLAN & DETAILS
5	FRAMING PLAN
5.1	FRAMING DETAILS
6	PARTITION PLAN
7	RAFTER PLAN
7.1	RAFTER DETAILS
8	ROOF PLAN

## BUILDING LOADS

CODE: IBC 15 - NCBC 18  
 DEAD LOAD: 2.0 psf.  
 COLLATERAL LOAD: 0.5 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\*1.2\*Fa\*Ss\*W/R  
 INTERNAL WIND COEFFICIENT: -0.18 / +0.18  
 OCCUPANCY: II - Normal

## 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

## 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	POINT
BOT	BOTTOM	FT	FOOT / FEET	RAD	RADIUS
BLK	BLOCK	FTG	FOOTING	REF	REFERENCE
C/L	CENTERLINE	GA	GAUGE	REQD	REQUIRED
COL	COLUMN	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	GYPSUM 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
ETR	ERECTION TOLERANCE	MIN	MINIMUM	TYP	TYPICAL
EJ	EXPANSION JOINT	MISC	MISCELLANEOUS	UNO	UNLESS NOTED OTHERWISE
EL	ELEVATION	MTL	METAL	VAR	VARIABLE
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

## STRUCTURAL ABBREVIATIONS

BA	BASE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
BC	BASE CHANNEL	U42516 - 4 1/8" x 2 5/8" x 16 Ga. Channel
C4	4" COLUMN	C4216 - 4" x 2" x 16 Ga. Cee
C435	4" COLUMN	C43516 - 4" x 3-1/2" x 16 Ga. Cee
DH	DOOR HEADER	C4216 - 4" x 2" x 16 Ga. Cee
DJ	DOOR JAMB	C43516 - 4" x 3 1/2" x 16 Ga. Cee
EC	EAVE CHANNEL	U42514 - 4 1/8" x 2 5/8" x 14 Ga. Channel
ES	EAVE STRUT	ES6416 - 6" x 4" x 16 Ga. Strut
FC	FLOOR CLIP	Manufactured Part
G	GIRT	C4216 - 4" x 2" x 16 Ga. Cee
HA	HALL ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
JR	JACK RAFTER	C62516 - 6" x 2 1/2" x 16 Ga. Cee
M	MULLION	C12416 - 12" x 4" x 16 Ga. Cee
MCLP	MINI CLIP	Manufactured Part
PA	PARTITION ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
PC	PARTITION CEE	C2218 - 2" x 2" x 18 Ga. Cee
RA	RAKE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
RC	RAKE CLIP	Manufactured Part
RS	RIDGE STRUT	RS6416 - 6" x 4" x 16 Ga. Strut
SPD	BASE ANGLE	SPD42216 - 4" x 2" x 1 1/2" Angle
Z4	4" Z PURLIN	Z42514 - 4" x 2 1/2" x 14 Ga. Zee
Z6	6" Z PURLIN	Z62516 - 6" x 2 1/2" x 16 Ga. Zee
Z8	8" Z PURLIN	Z82516 - 8" x 2 1/2" x 16 Ga. Zee
Z10	10" Z PURLIN	Z102516 - 10" x 2 1/2" x 16 Ga. Zee
Z12	12" Z PURLIN	Z122516 - 12" x 2 1/2" x 16 Ga. Zee

## 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 LRX LINER PANEL
RMW	26 Ga. REVERSE LRX WALL PANEL
SSR	24 Ga. SSII ROOF PANEL

## SSR ABBREVIATIONS

BP7760	BACK UP PLATE
OC430	OUTSIDE CLOSURE
EP7600	EAVE PLATE - LOW
EP7616	EAVE PLATE - HIGH
FC200	FIXED CLIP - LOW
FC204	FIXED CLIP - HIGH
IC426	INSIDE CLOSURE
CS324	GUTTER STRAP
GS246	GUTTER STRAP
RP7710	RAKE PLATE - LOW
RP7720	RAKE PLATE - HIGH

## TRIM ABBREVIATIONS

DFR	DIE FORMED RIDGE CAP
DJC	DOOR JAMB COVER
DS	DOWNSPOUT WITH DIVERTER
DSS	DOWNSPOUT STRAP
HC	DOOR HEADER COVER
ET	EAVE TRIM
REND	RAKE END
GS	GUTTER STRAP
HMC	HALF MULLION COVER
HSET	HIGH SIDE EAVE TRIM
HT	HEAD TRIM
IA	INSIDE ANGLE
IC	INSIDE CORNER
ICB	INSIDE CORNER BOX
ISCL	INSIDE CLOSURE
JT	JAMB TRIM
MC	MULLION COVER
OA	OUTSIDE ANGLE
OC	OUTSIDE CORNER
OCB	OUTSIDE CORNER BOX
OSCL	OUTSIDE CLOSURE
PB	PEAK BOX
PTT	PARTITION TOP TRIM
GU	GUTTER
RT	RAKE TRIM
SSC	SILICONE SEALANT CAULK
SW	SIDEWALL FLASHING
WT	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
MFS100	*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	TS324 END LAP ATTACHMENT
MFS0112	1/4"-14 x 1 1/2" SD	TS324 CLIP ATTACHMENT

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 Phone: 918-314-5328

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

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

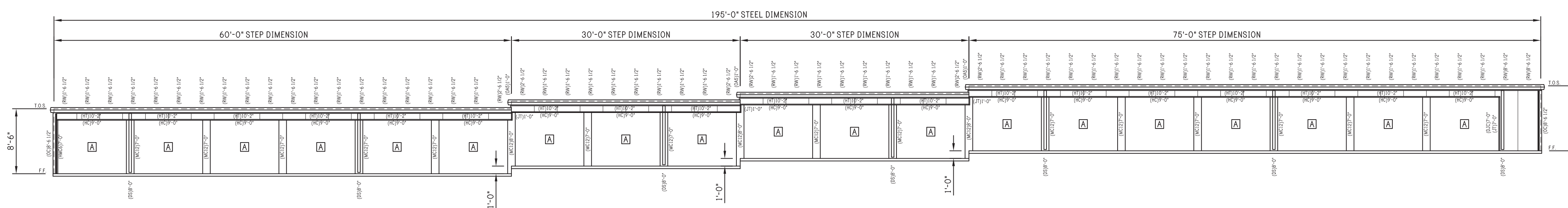
TITLE: **30' x 200' x 8'-6"**

JOB NO:	DATE:	DRAWN:	CHECKED:
7116-24393	12/02/20	JSG	DSM
SHEET NO:	DRAWING NO:	REVISION:	
1 of 8	RDO80E20		

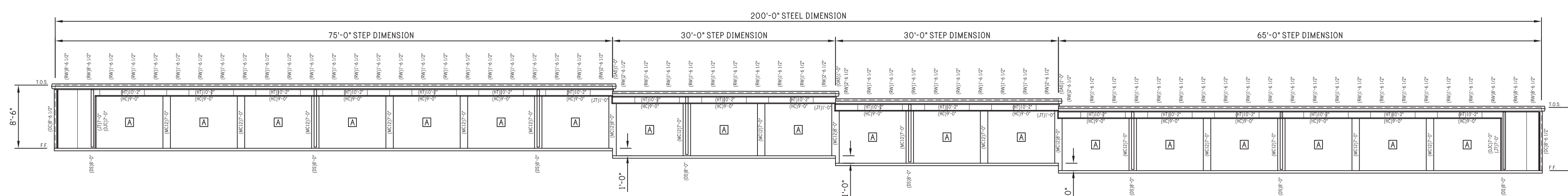
Notes:

DOOR SCHEDULE

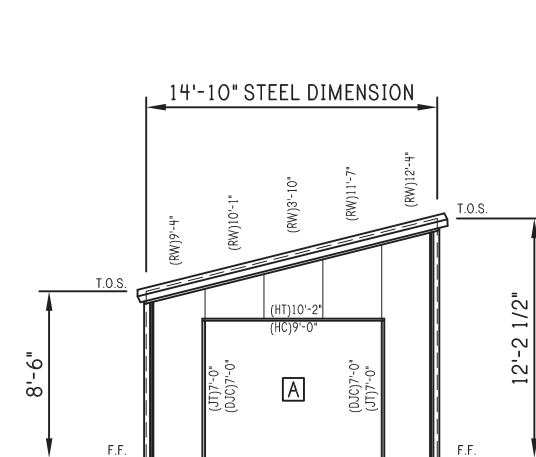
[A] (42) EACH 9'-0" X 7'-0" ROLL-UP DOOR



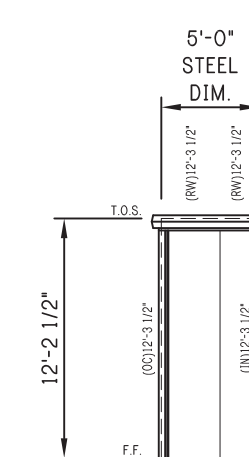
FRONT ELEVATION



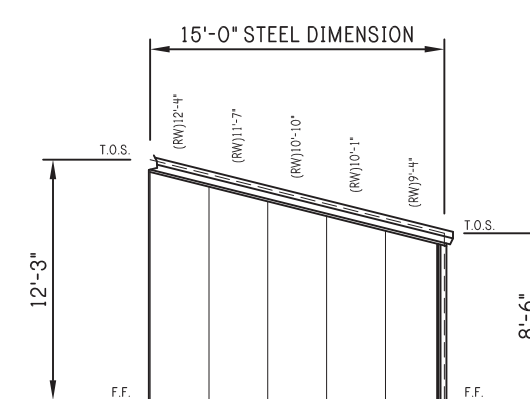
REAR ELEVATION



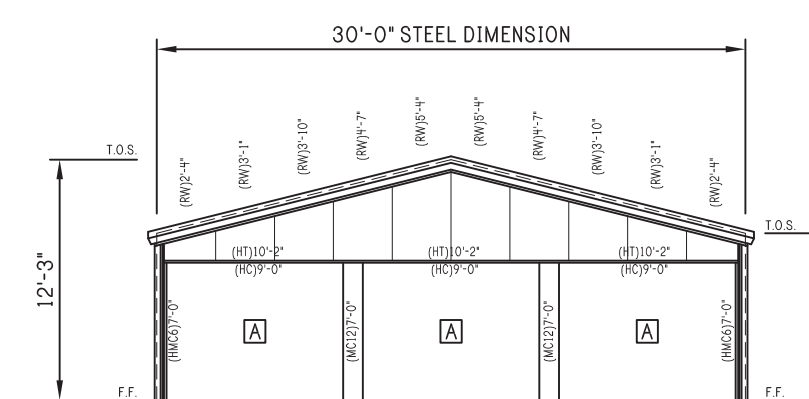
LEFT ELEVATION



FRONT ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

ELEVATION PLAN



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STATUS:	CONSTRUCTION ISSUE		

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 Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

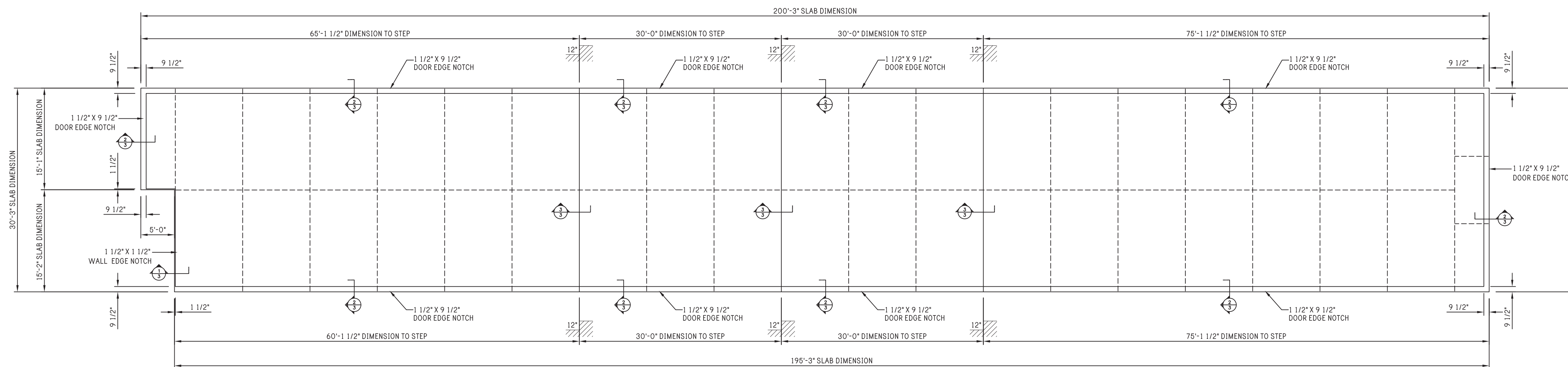
TITLE: 30' x 200' x 8'-6"

JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 2 of 8	DRAWING NO: RD080E20	REVISION:	



Notes:

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



SLAB PLAN



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

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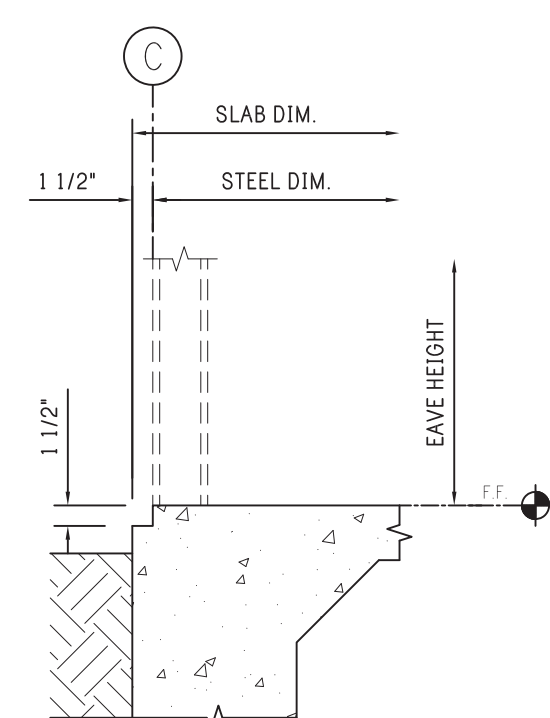


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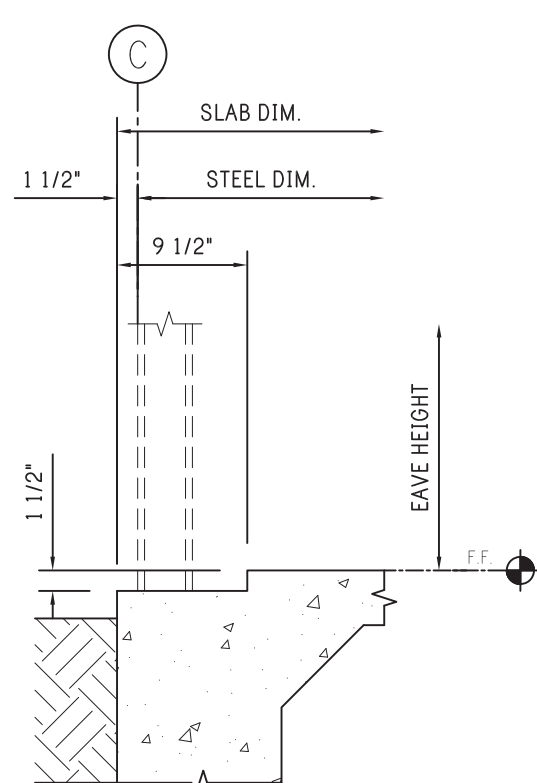
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 200' x 8'-6"

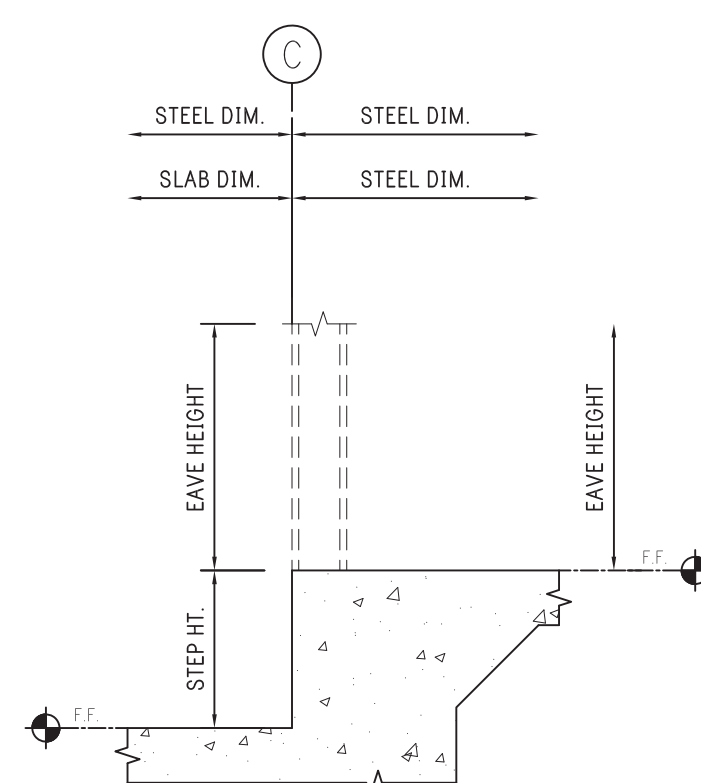
JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 3 of 8	DRAWING NO: RD080E20	REVISION:	



1 SLAB NOTCH - WALL EDGE  
 1-1/2" x 1 1/2" NOTCH

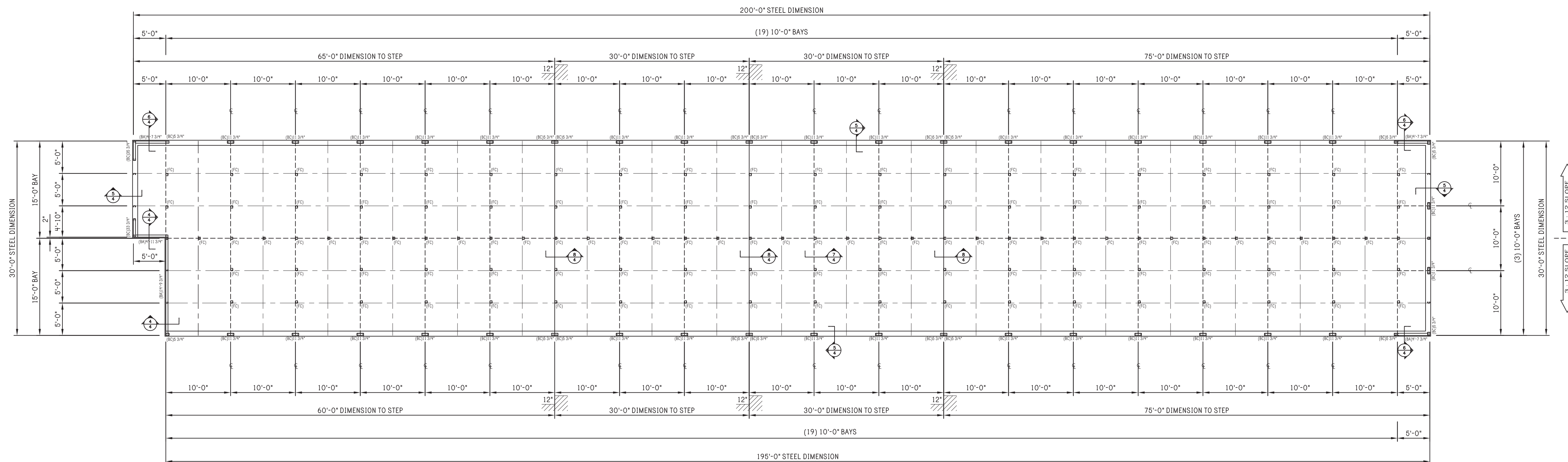


2 SLAB NOTCH - DOOR EDGE  
 1-1/2" x 9 1/2" NOTCH



3 SLAB STEP

Notes:



FLOOR PLAN



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

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SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 200' x 8'-6"

JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 4 of 8	DRAWING NO: RD080E20	REVISION:	

**4** BASE ANGLE - WALL EDGE

**5** BASE CHANNEL - DOOR EDGE

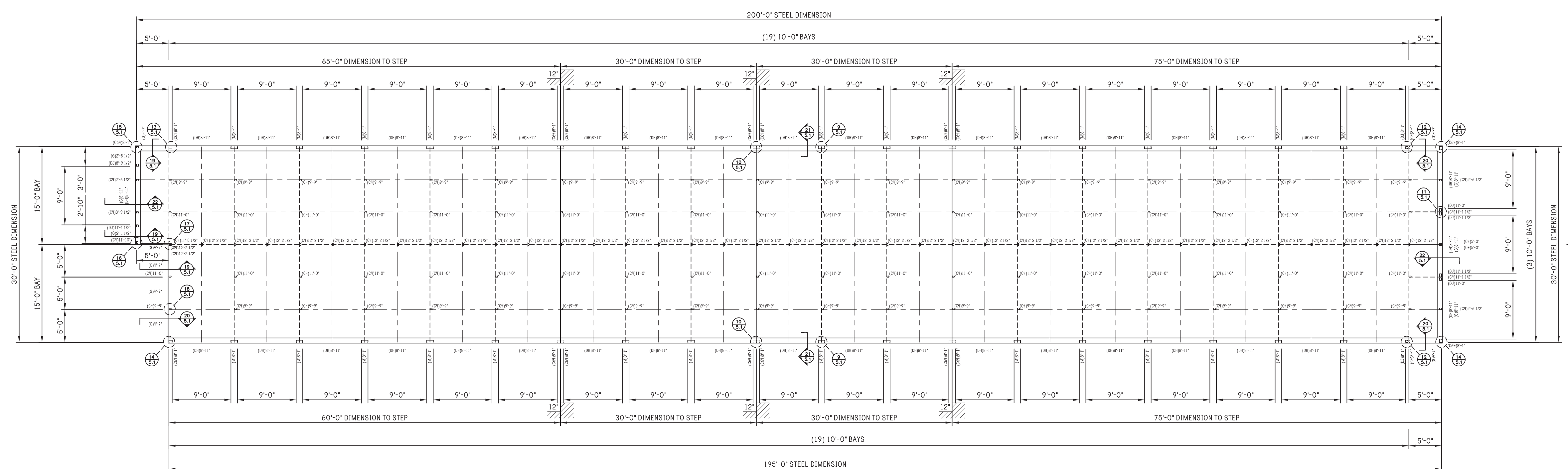
**6** BASE ANGLE - DOOR EDGE AT SHEETED WALL

**7** COLUMN - FLOOR CLIP

**8** FLOOR CLIP - SLAB STEP

Notes:

1. COLUMN SPACING IS ON 5'-0" GRID UNLESS OTHERWISE NOTED. SEE DETAILS FOR COLUMN PLACEMENT.



FRAMING PLAN



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

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 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

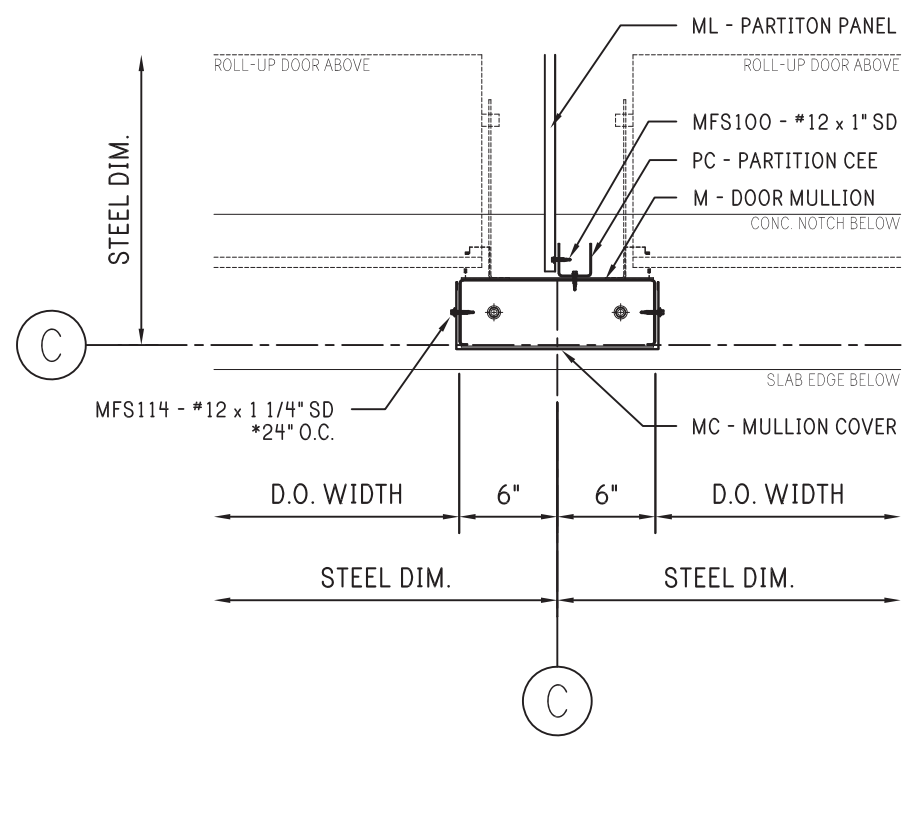
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUYQUAY VARINA, NC 27526

TITLE: 30' x 200' x 8'-6"

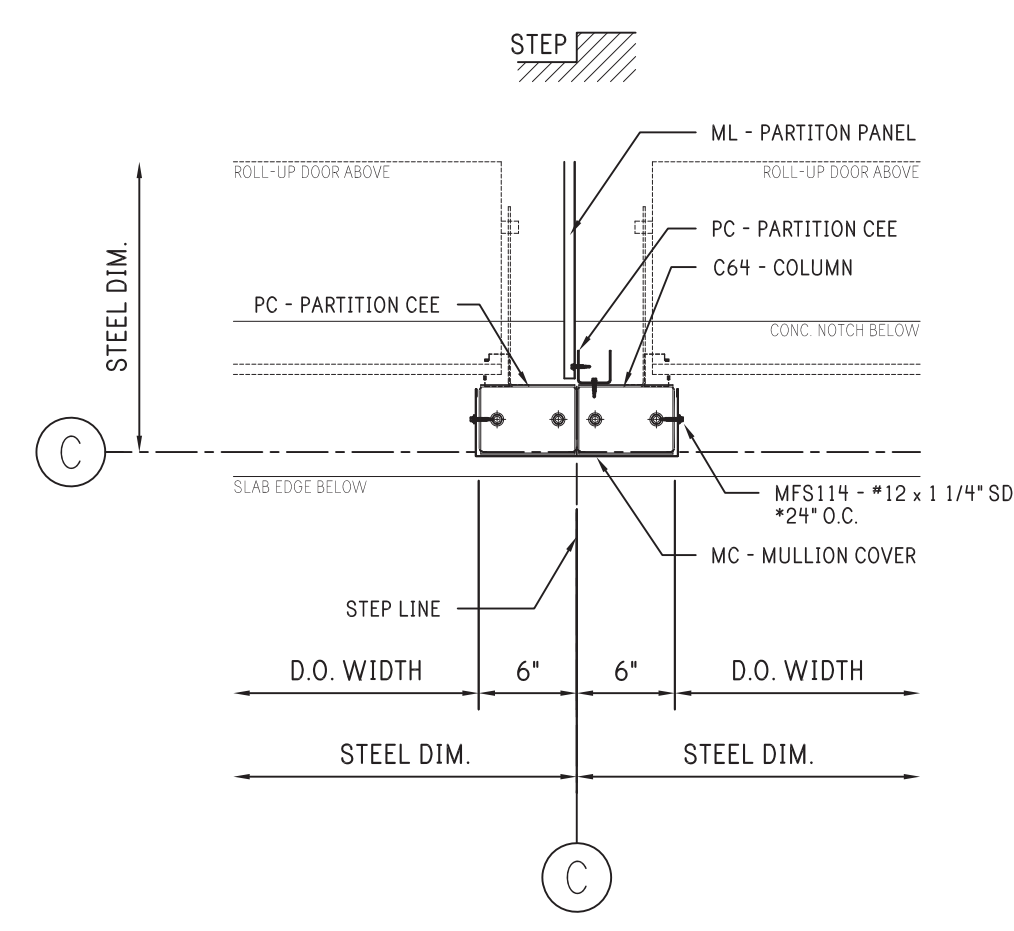
JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 5 of 8	DRAWING NO: RD080E20	REVISION:	

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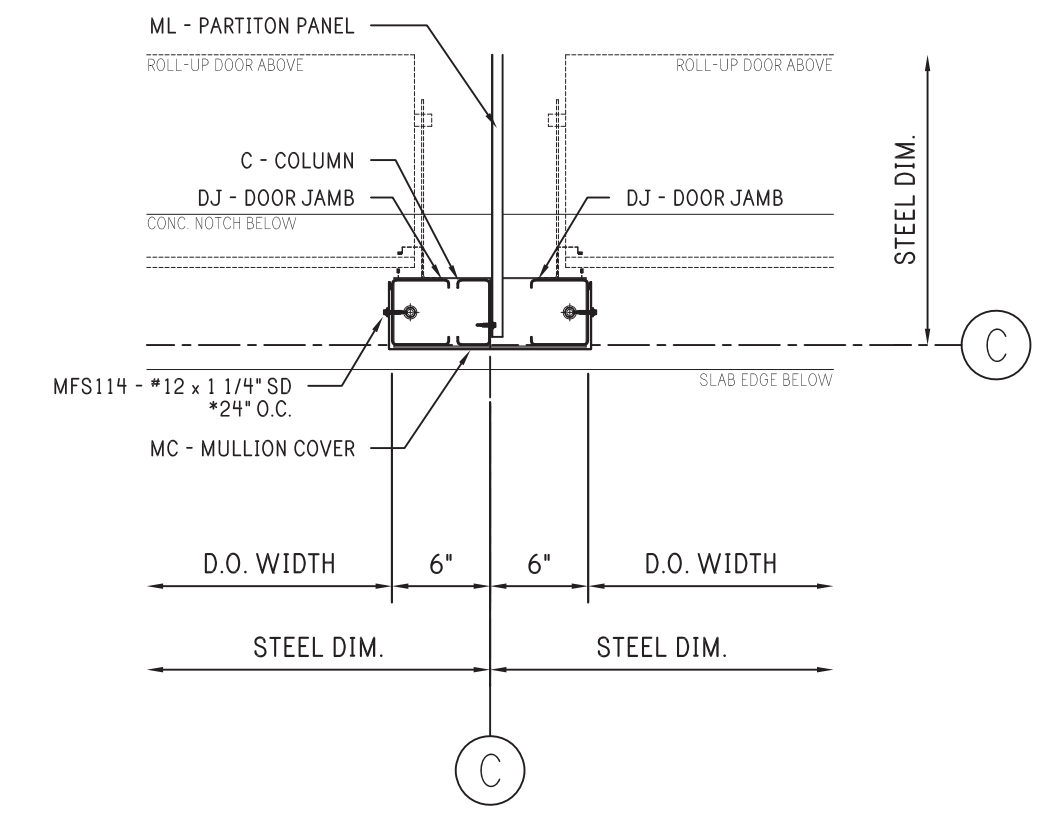
Notes:



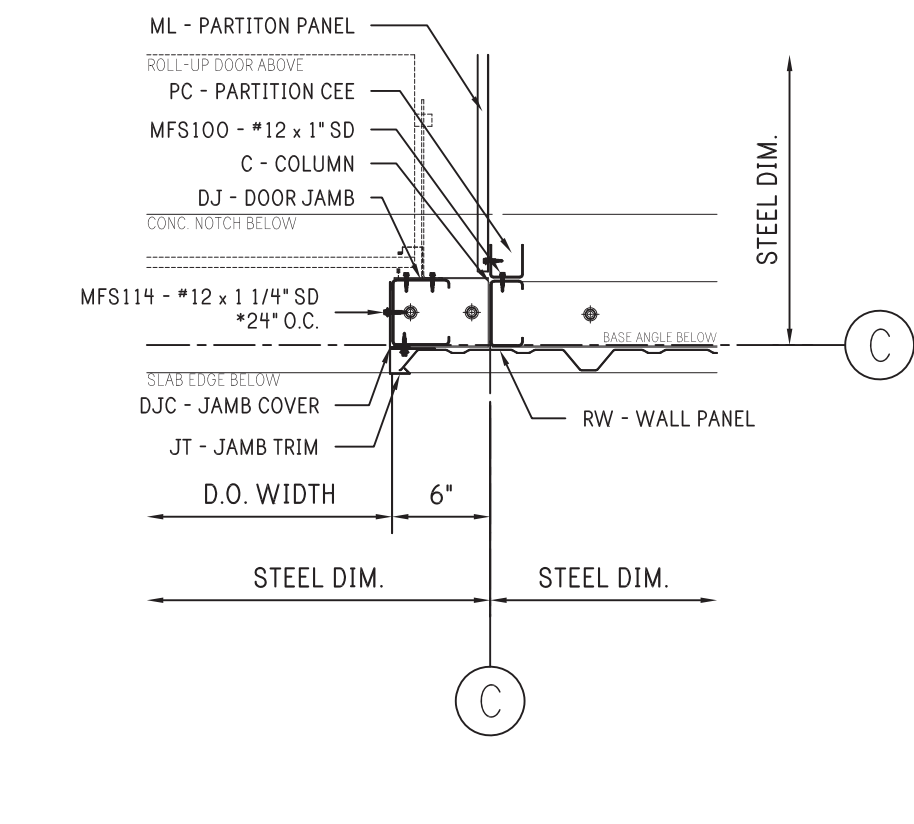
9 12" DOOR MULLION



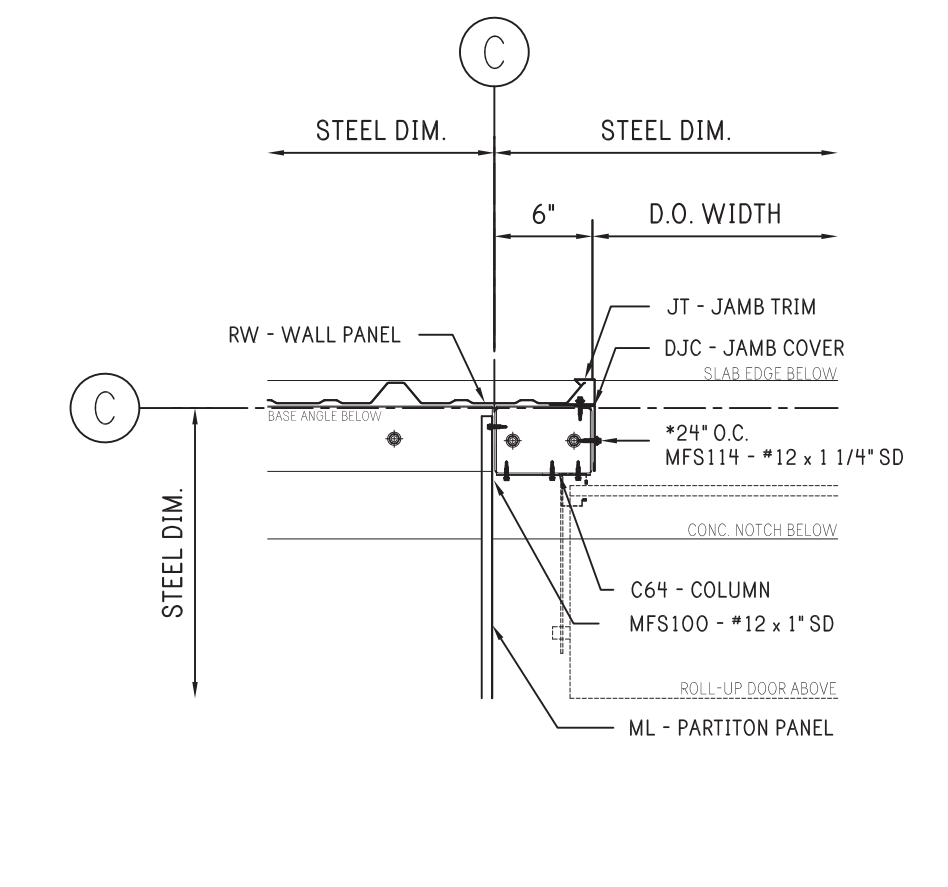
10 12" DOOR MULLION AT SLAB STEP



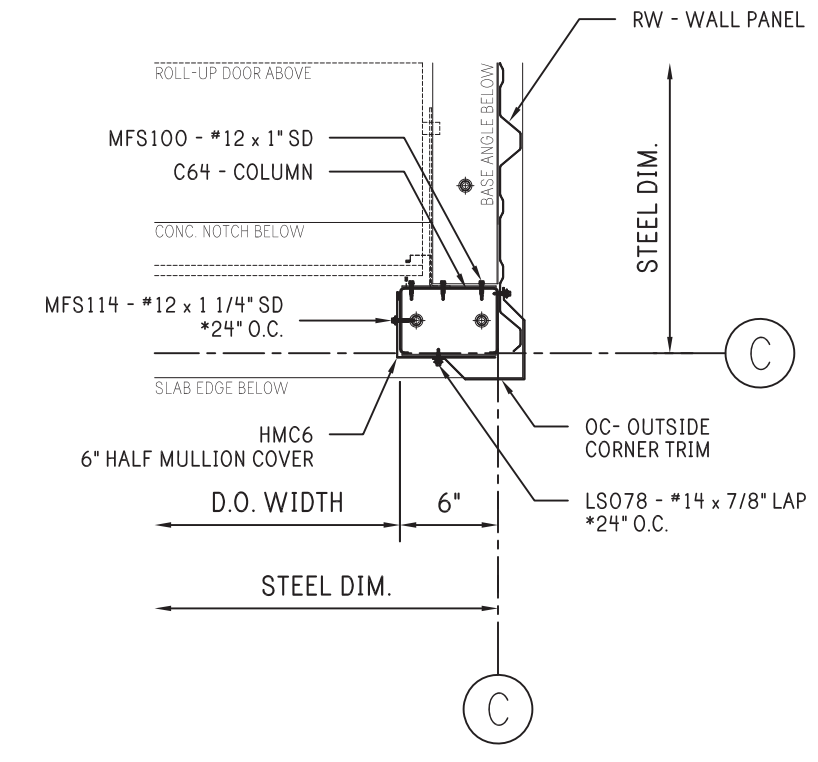
11 12" DOOR MULLION AT END WALL



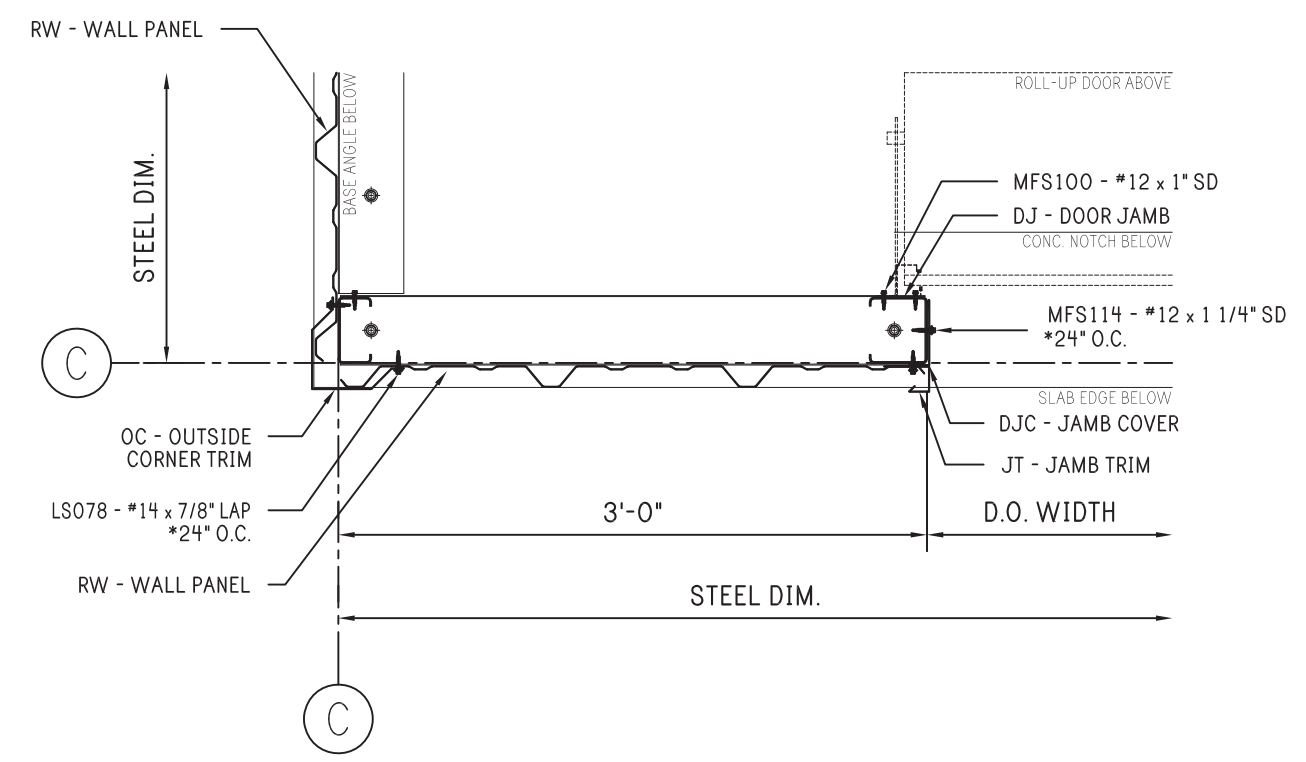
12 6" DOOR JAMB AT PANEL WALL



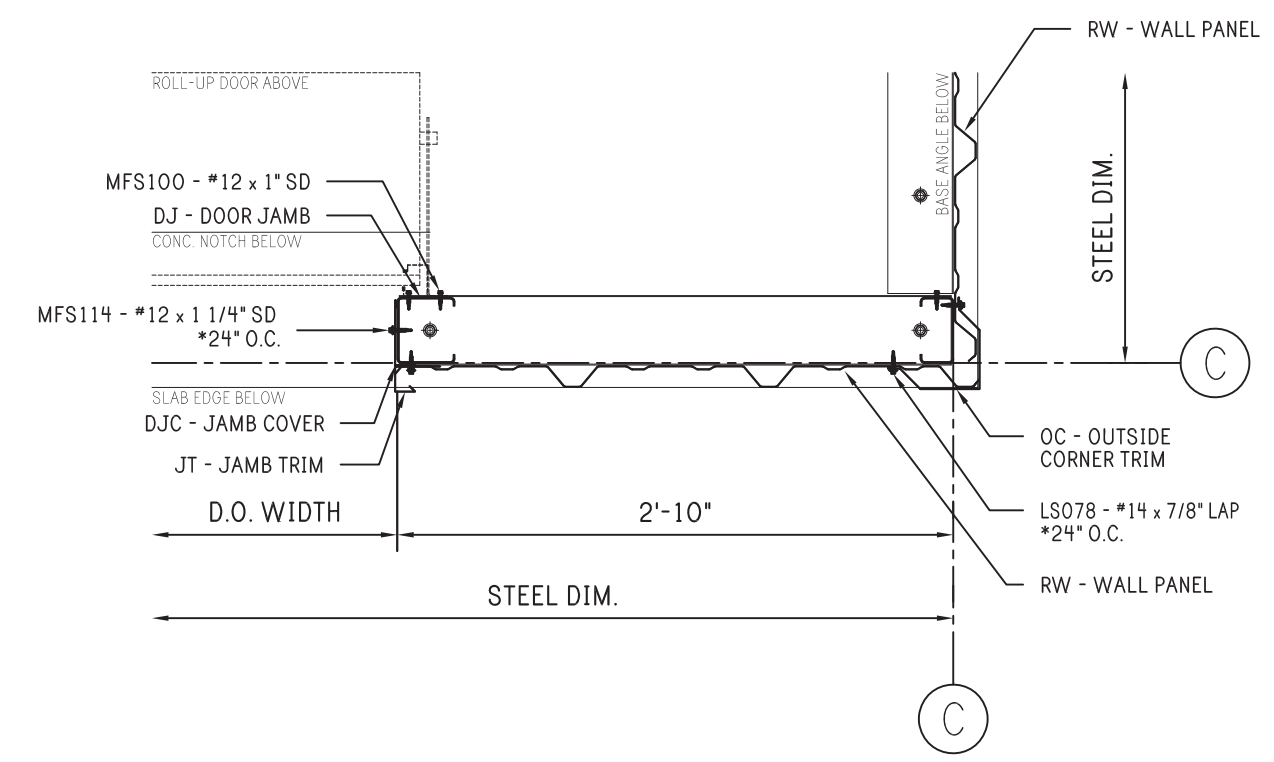
13 6" DOOR JAMB AT PANEL WALL



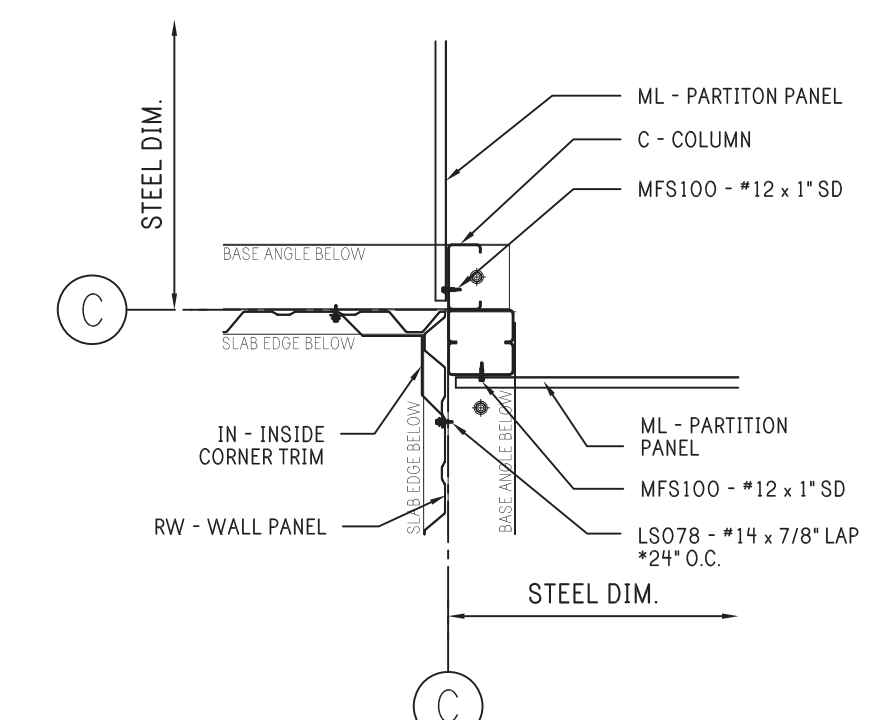
14 6" DOOR JAMB AT CORNER



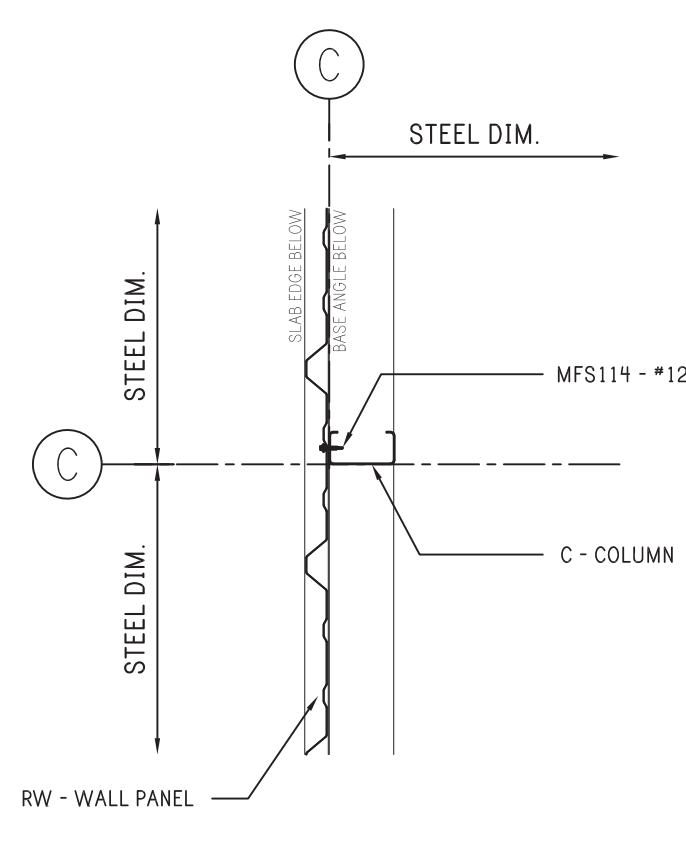
15 36" DOOR JAMB AT CORNER



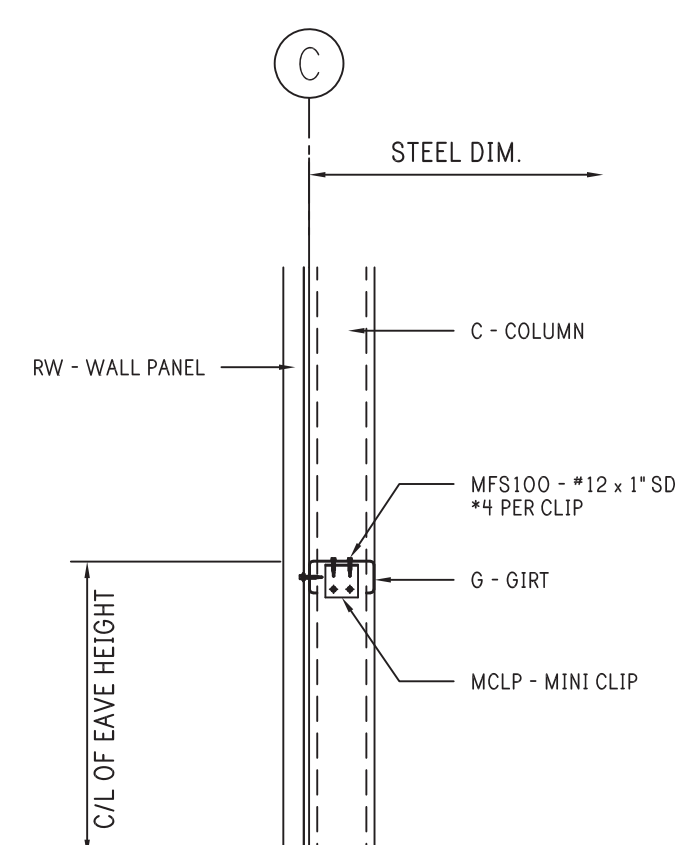
16 34" DOOR JAMB AT CORNER



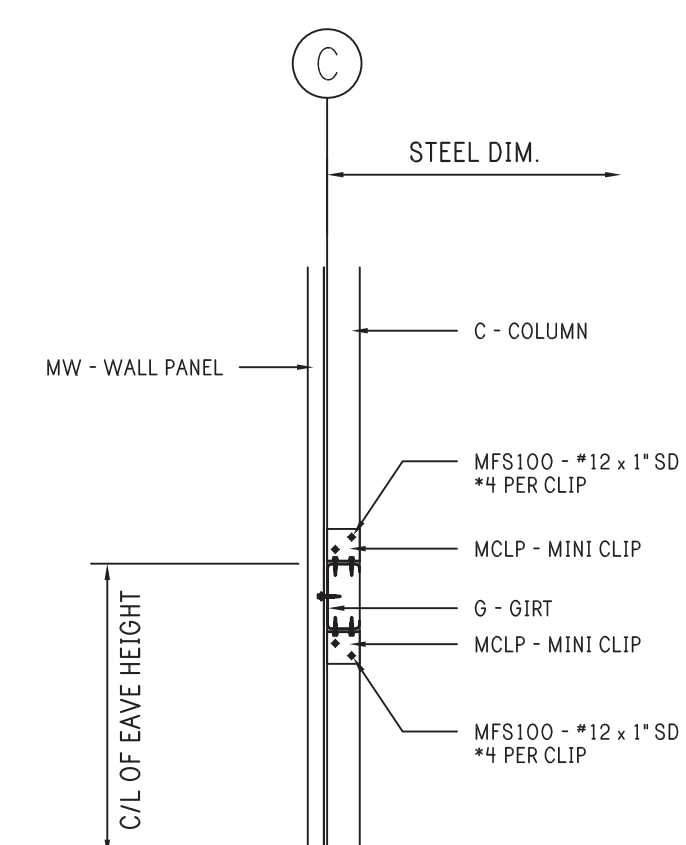
17 INSIDE CORNER



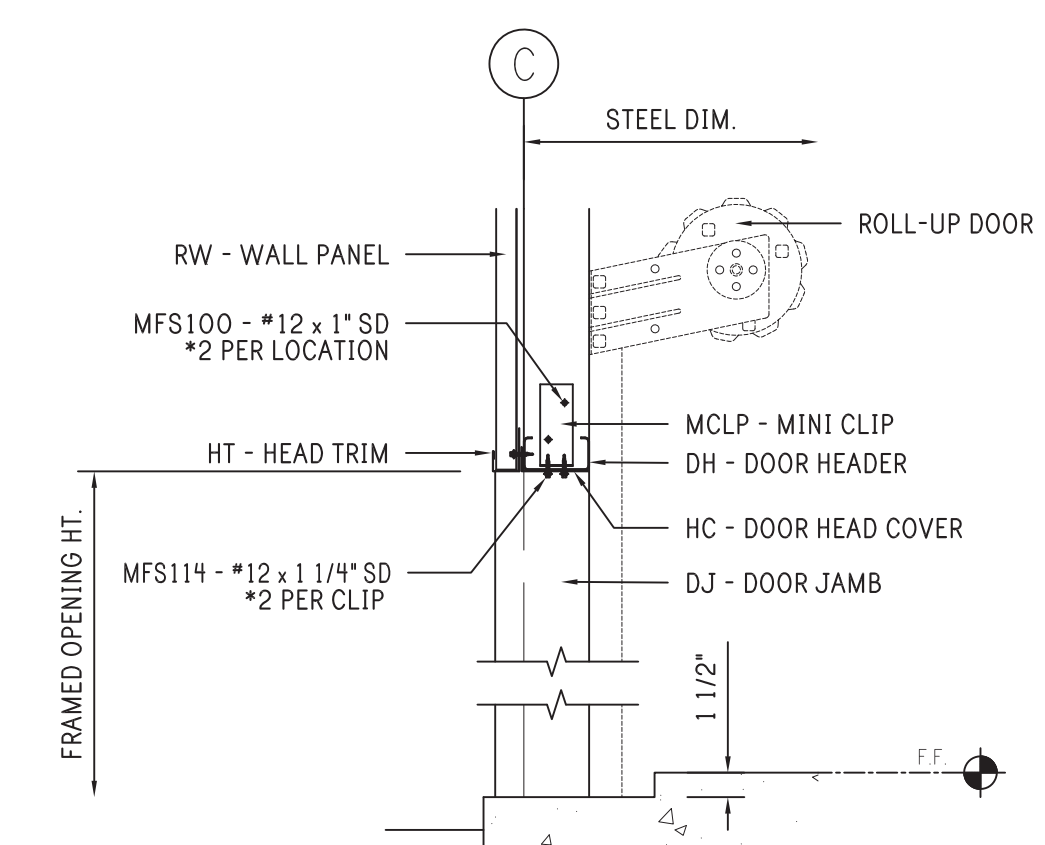
18 COLUMN AT WALL



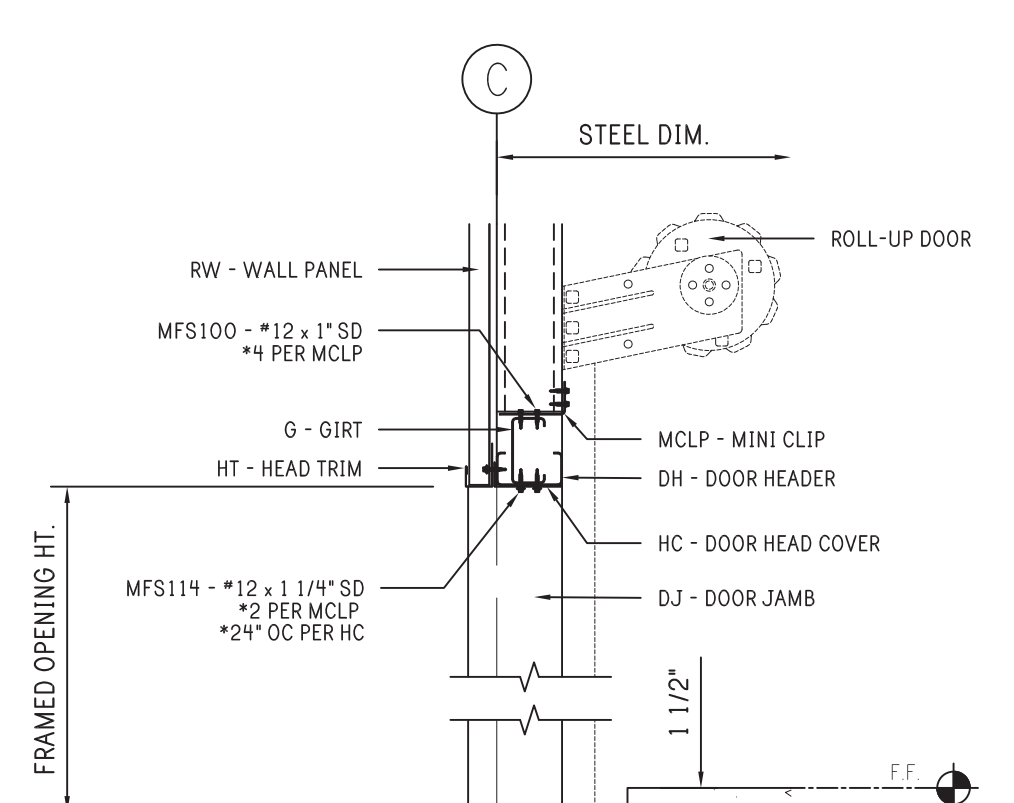
19 GIRT - TYPICAL



20 GIRT - AT 6" JAMB



21 DOOR HEADER



22 DOOR HEADER - ENDWALL PURLIN SUPPORT

FRAMING DETAILS



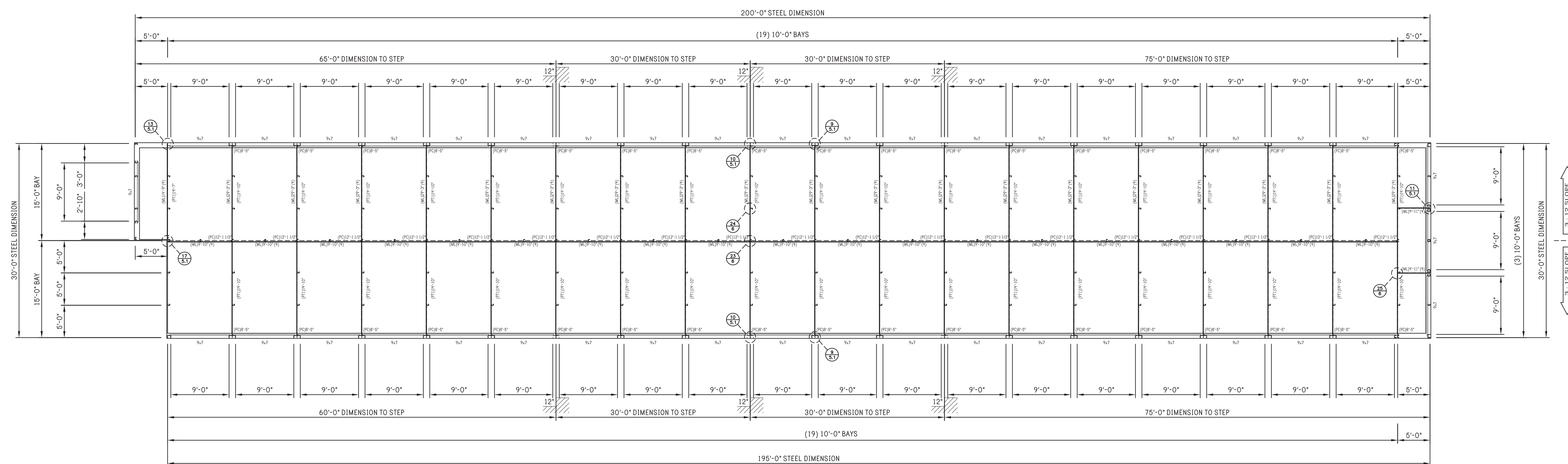
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Phone: (844) 333-7325  
Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
FUQUAY VARINA, NC 27526  
TITLE: 30' x 200' x 8'-6"  
JOB NO: 7116-24393 DATE: 11/04/20 DRAWN: JSG CHECKED: DSM  
SHEET NO: 5.1 of 8 DRAWING NO: RD080E20 REVISION:

Notes:



PARTITION PLAN



REV:	DESCRIPTION:	BY:	DATE:
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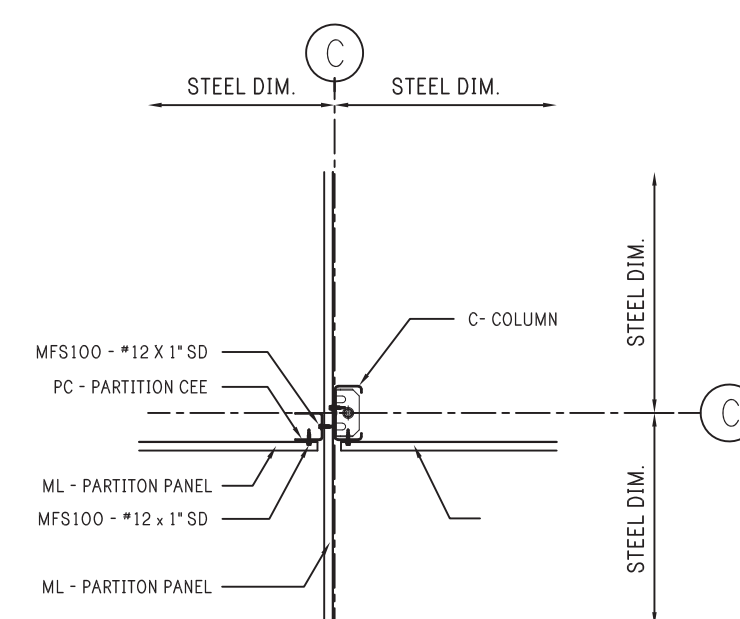


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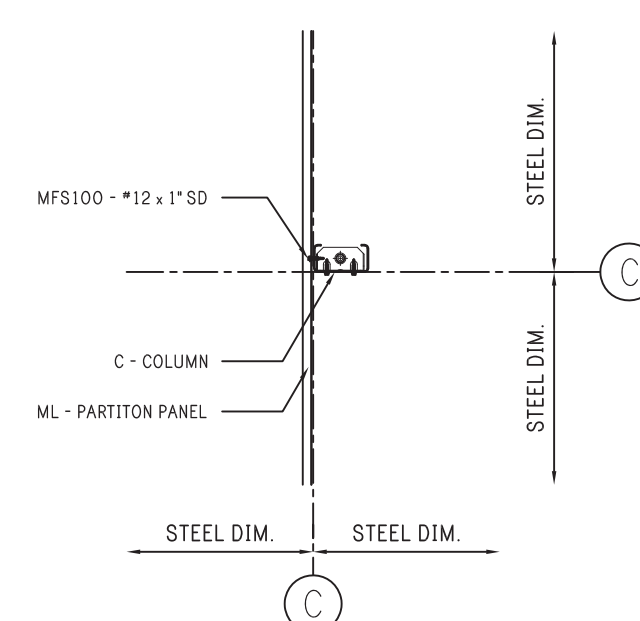
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 200' x 8'-6"

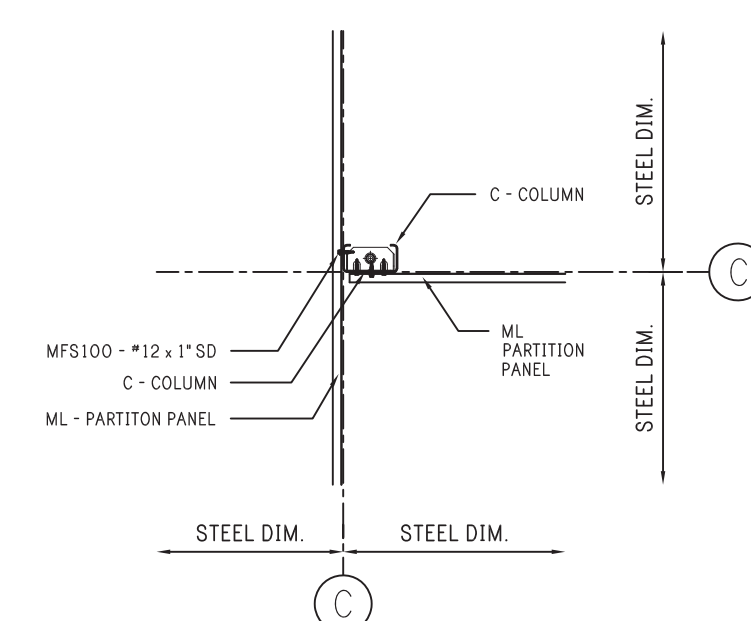
JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 6 of 8	DRAWING NO: RD080E20	REVISION:	



23 PARTITION TEE AT RIDGE LINE

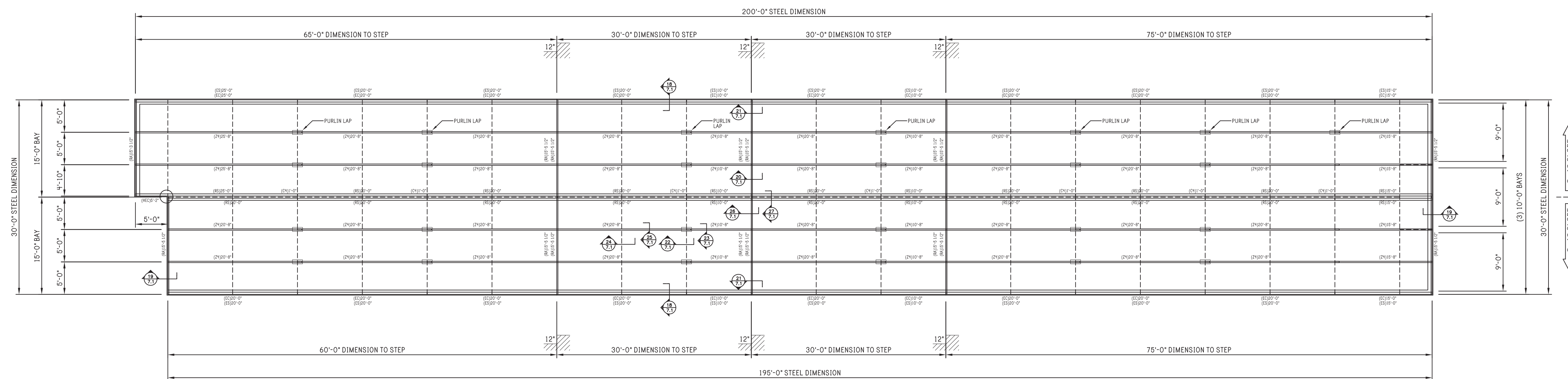


24 CLIP AT COLUMN



25 PARTITION TEE

Notes:



RAFTER PLAN



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

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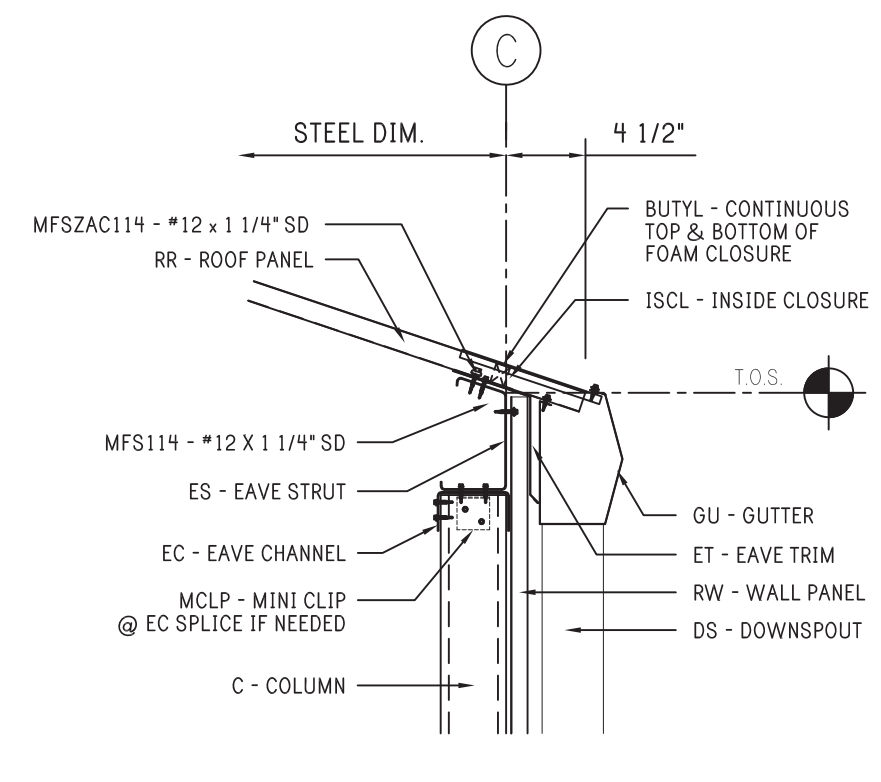
SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: 30' x 200' x 8'-6"

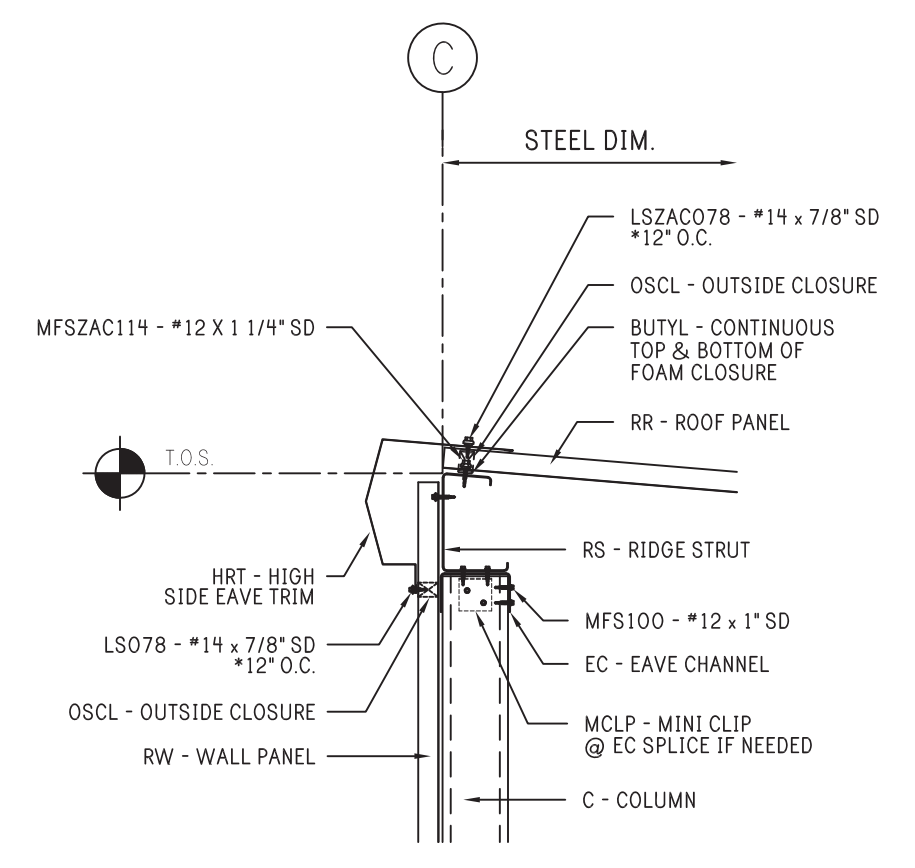
JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7 of 8	DRAWING NO: RD080E20	REVISION:	

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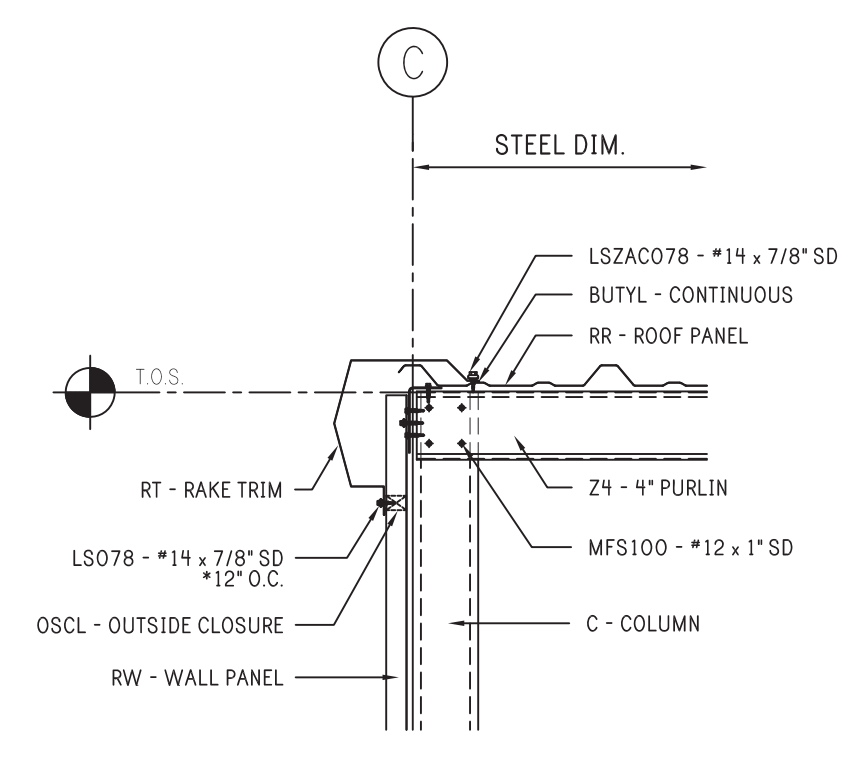
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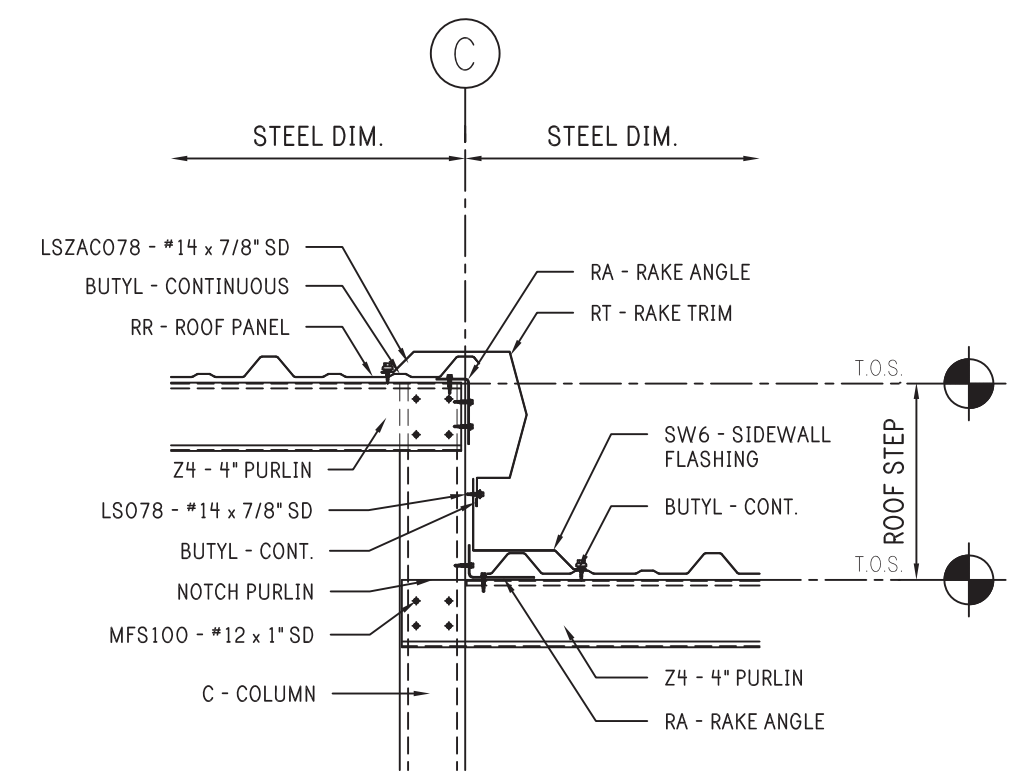
18 LOW EAVE STRUT w/ GUTTER



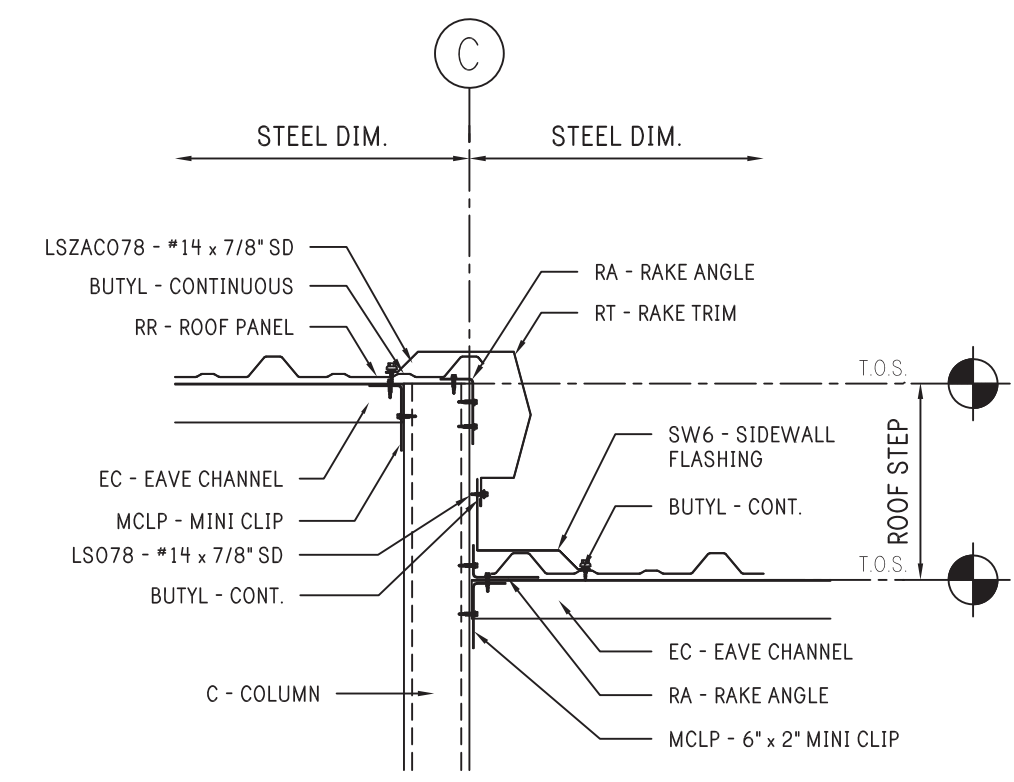
1 HIGH EAVE STRUT



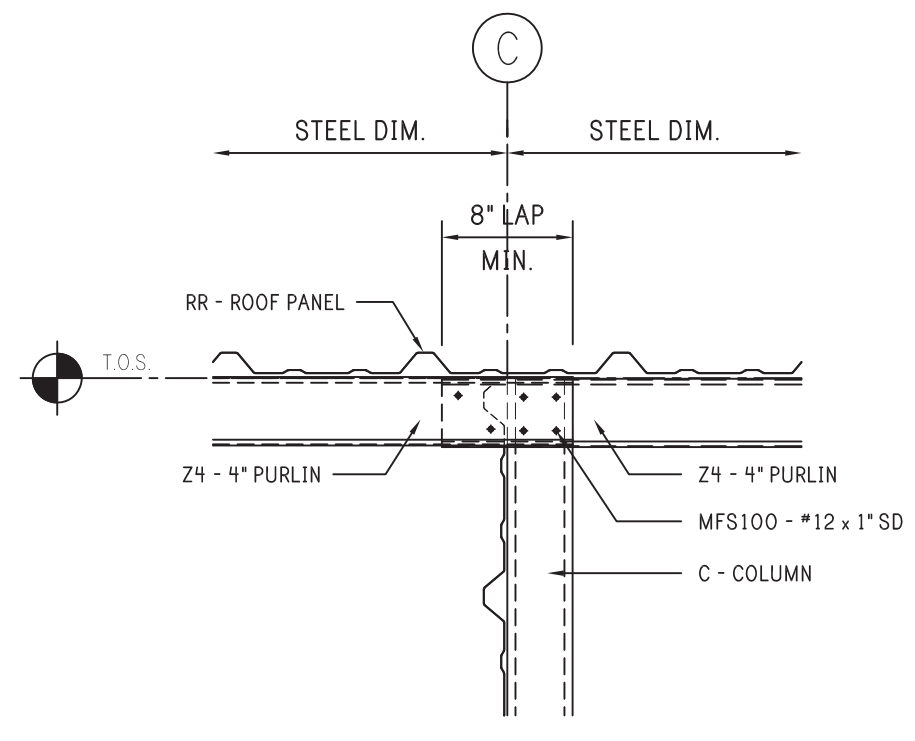
19 RAKE



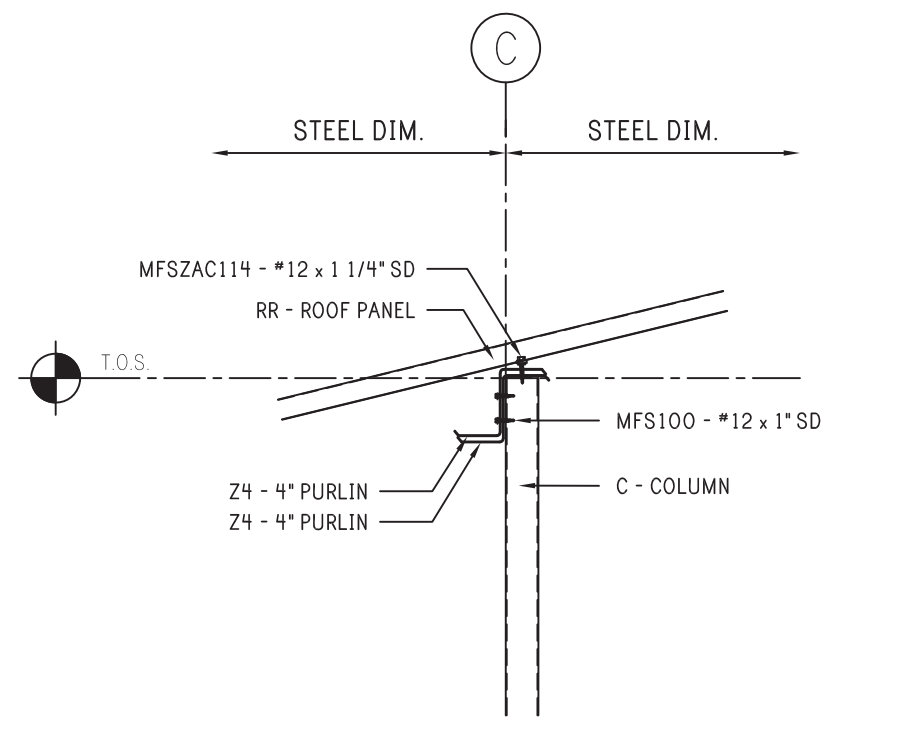
20 12" STEP AT PURLIN



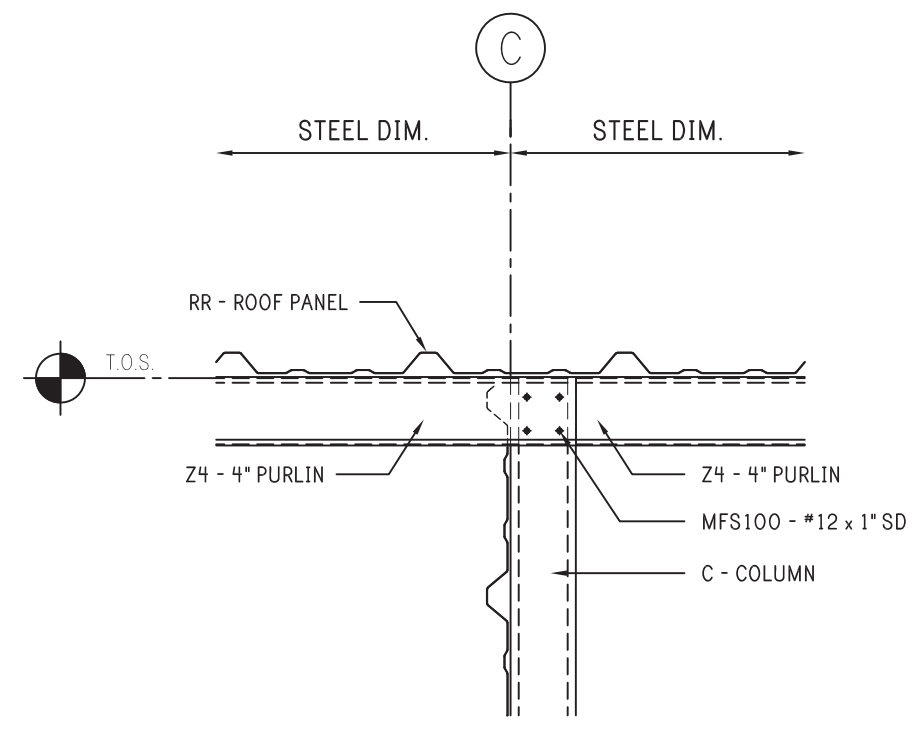
21 12" STEP AT EAVE



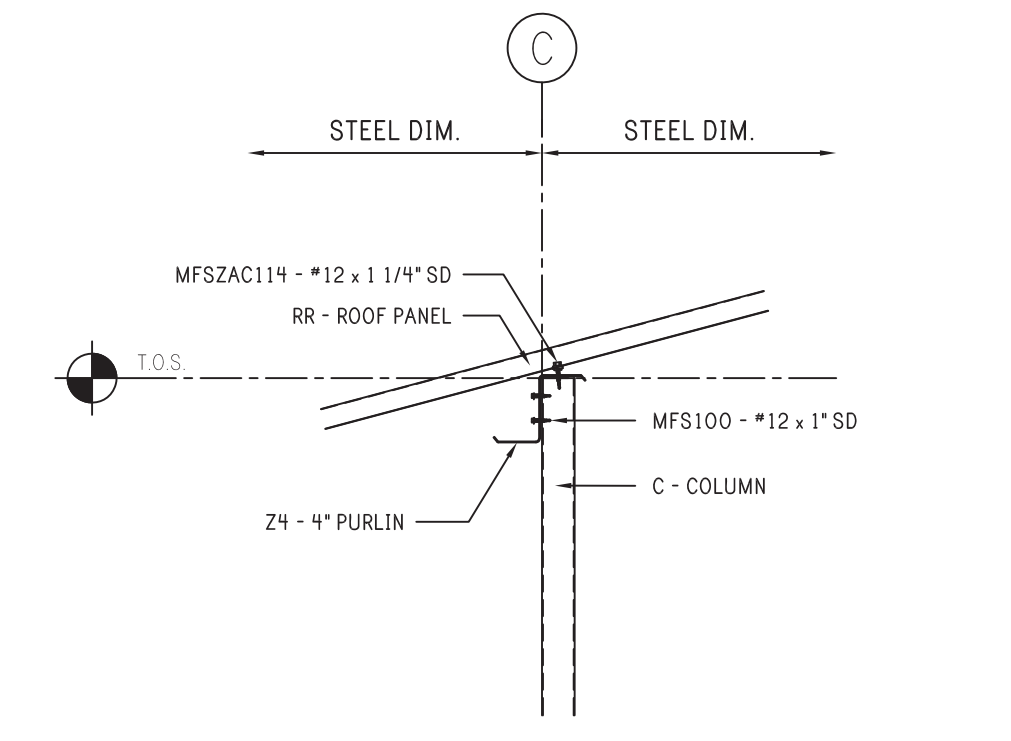
22 4" PURLIN LAP SIDE VIEW



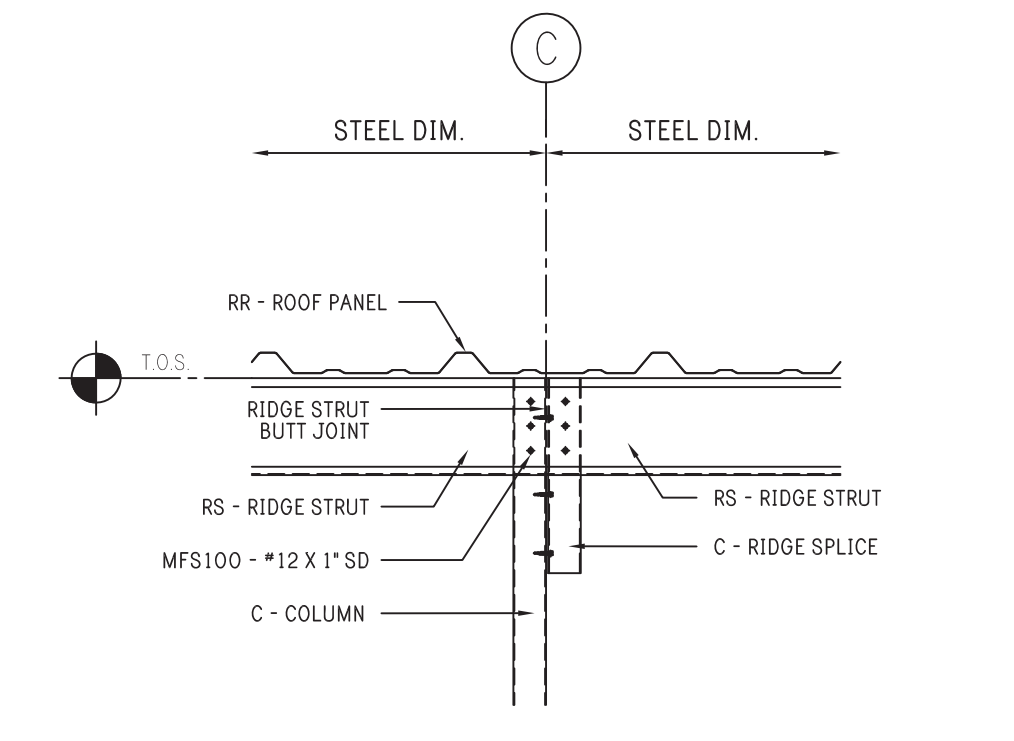
23 4" PURLIN LAP SECTION VIEW



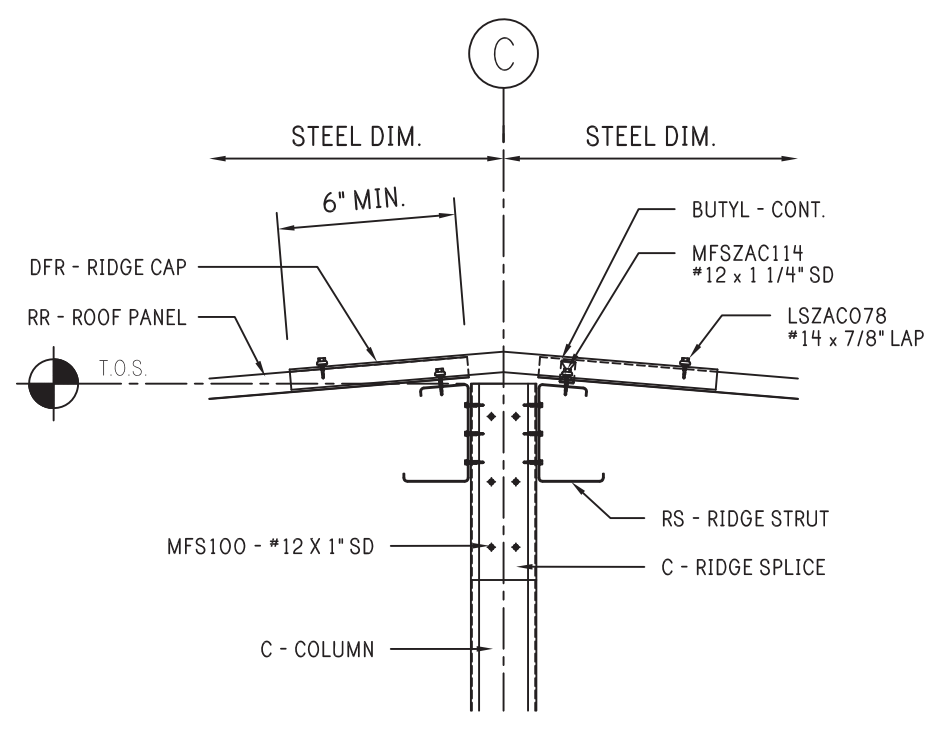
24 4" PURLIN SIDE VIEW



25 4" PURLIN SECTION VIEW



26 STRUT SPLICE - SIDE



27 STRUT SPLICE - SECTION

RAFTER DETAILS



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STATUS:	CONSTRUCTION ISSUE		

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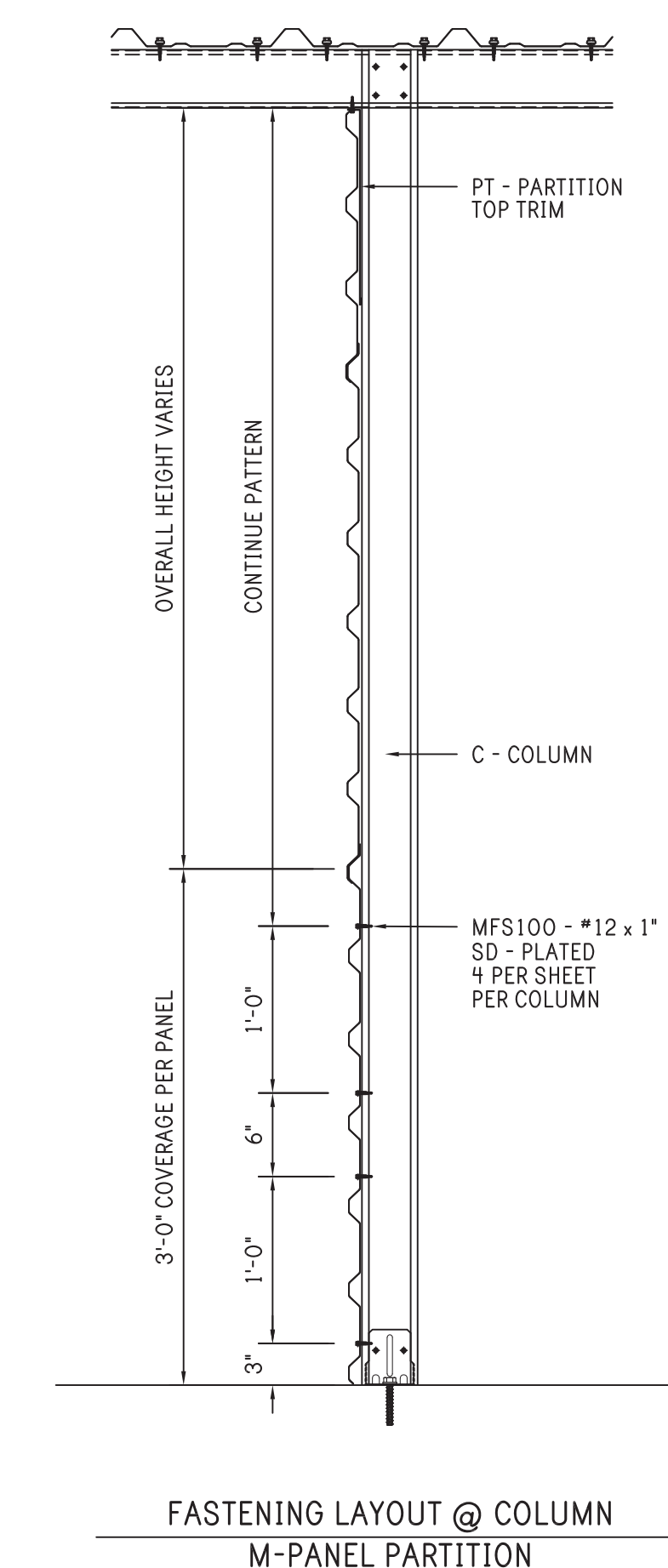
**PEAK STEEL**  
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 Madison, GA 30650  
 Phone: (844) 333-7325  
 Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526  
 TITLE: 30' x 200' x 8'-6"  
 JOB NO: 7116-24393 DATE: 11/04/20 DRAWN: JSG CHECKED: DSM  
 SHEET NO: 7.1 of 8 DRAWING NO: RD080E20 REVISION:

Notes:

**ERECTOR NOTE**

TOP PARTITION PANEL MAY BE BACK LAPPED AS NEEDED.  
TOP TRIM IS USED TO FINISH OFF TO THE BOTTOM OF THE PURLIN.



REV:	DESCRIPTION:	BY:	DATE:
	CONSTRUCTION ISSUE		

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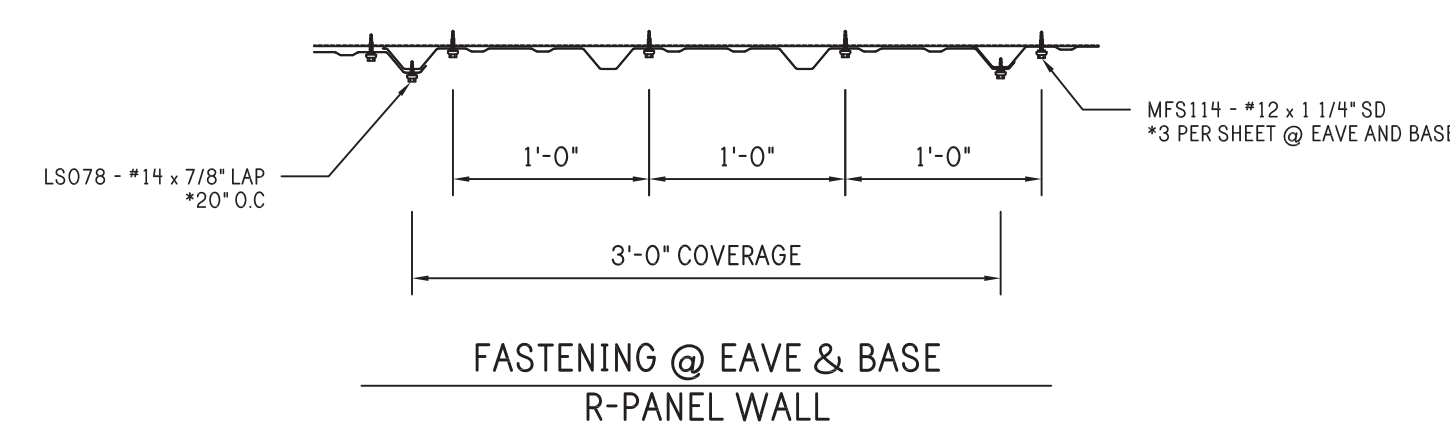
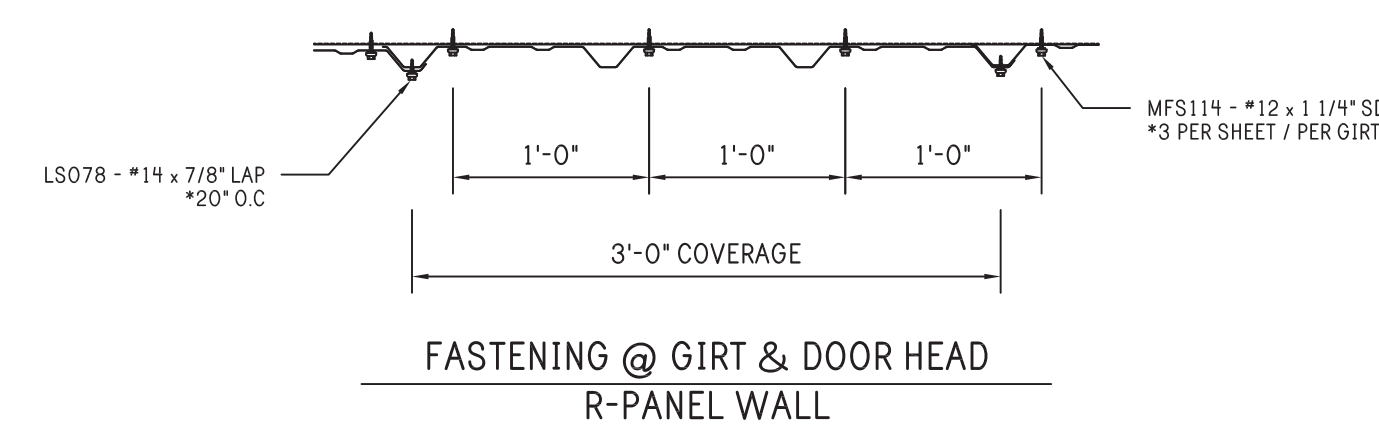
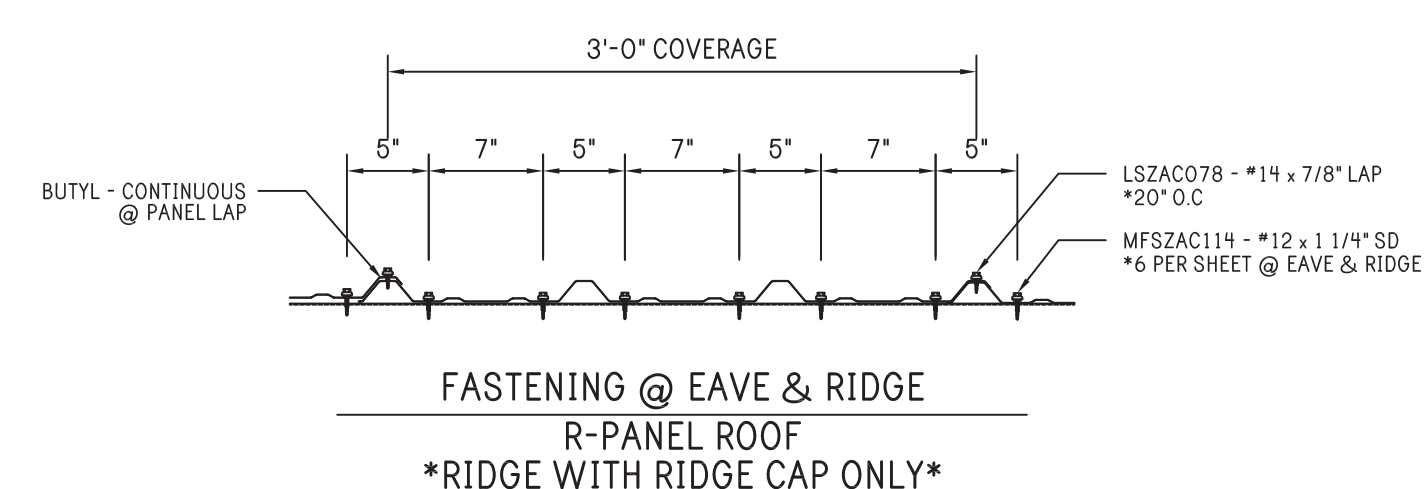
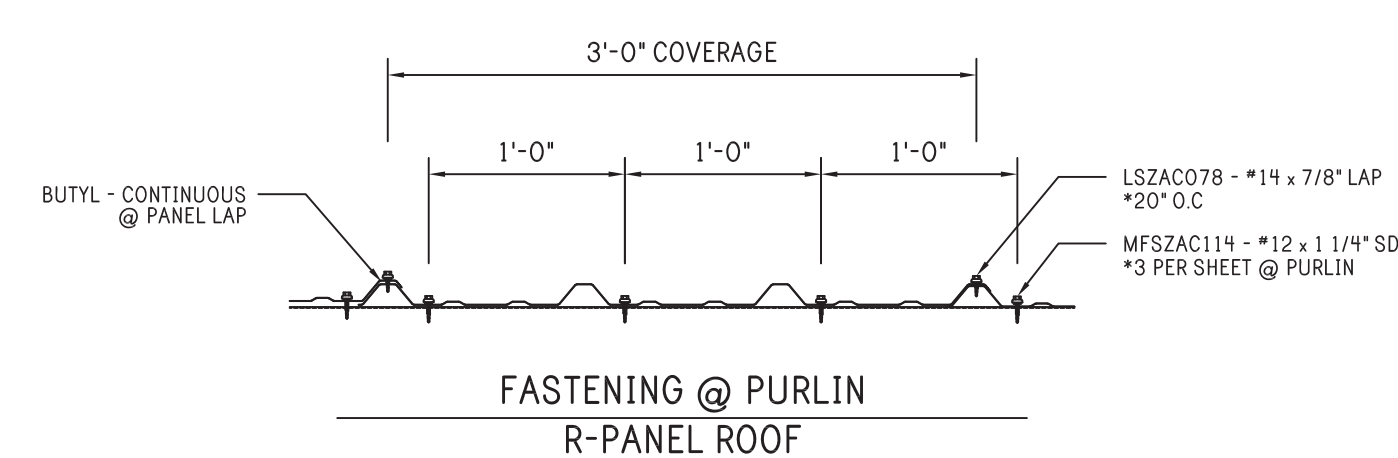


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SITE: 78 PINEY GROVE RAWLS ROAD  
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TITLE: **30' x 200' x 8'-6"**

JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7.2 of 8	DRAWING NO: RD080E20	REVISION:	

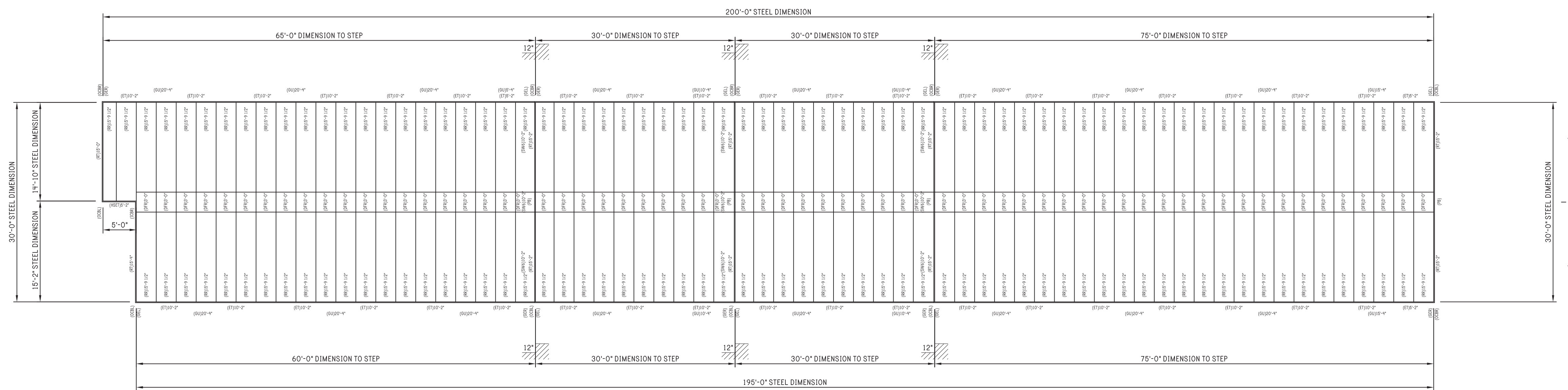


**ATTACHMENT DETAILS**



Notes:

- CLOSURE NOTE**
- (132) INSIDE CLOSURES INCLUDED FOR LOW EAVE.
  - (18) INSIDE CLOSURES INCLUDED FOR BASE OF EXTERIOR WALL PANELS.
  - (20) OUTSIDE CLOSURES INCLUDED FOR RAKE AND WALL OF HIGH EAVE.



ROOF PLAN



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

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

SITE: 78 PINEY GROVE RAWLS ROAD  
 FUQUAY VARINA, NC 27526

TITLE: **30' x 200' x 8'-6"**

JOB NO: 7116-24393	DATE: 11/04/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 8 of 8	DRAWING NO: RD080E20	REVISION:	

## 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.): 30  
LENGTH (ft.): 205  
EAVE HEIGHT (ft.): 8.5 / 8.5  
ROOF SLOPE (Rise/12): 3.00 / 3.00

## PANEL SELECTION

ROOF: SSX 26 Ga. (w/Condenstop)  
WALL: SSX 26 Ga.  
PARTITION: LRX 29 Ga.  
LINER: N/A

# BUILDING F PINEY GROVE STORAGE 78 PINEY GROVE RAWLS ROAD FUQUAY VARINA, WAKE COUNTY NORTH CAROLINA, 27526

## DRAWING SCHEDULE

1	LEAD SHEET, GENERAL NOTES, SCHEDULES
2	ELEVATION PLAN
3	SLAB PLAN & DETAILS
4	BASE PLAN & DETAILS
5	FRAMING PLAN
5.1	FRAMING DETAILS
6	PARTITION PLAN
7	RAFTER PLAN
7.1	RAFTER DETAILS
7.2	ATTACHMENT DETAILS
8	ROOF PLAN

## BUILDING LOADS

CODE: IBC 15 - NCBC 18  
DEAD LOAD: 2.0 psf.  
COLLATERAL LOAD: 0.5 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\*1.2\*F<sub>a</sub>\*S<sub>s</sub>\*W/R  
INTERNAL WIND COEFFICIENT: -0.18 / +0.18  
OCCUPANCY: II - Normal

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Notes:



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## 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
C/J	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	GYPSPUM WALL BOARD	SIM	SIMILAR
DBL	DOUBLE	HORIZ	HORIZONTAL	SO	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	VARIABLE
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

## STRUCTURAL ABBREVIATIONS

BA	BASE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
BC	BASE CHANNEL	U42516 - 4 1/8" x 2 5/8" x 16 Ga. Channel
C4	4" COLUMN	C4216 - 4" x 2" x 16 Ga. Cee
C435	4" COLUMN	C43516 - 4" x 3-1/2" 16 Ga. Cee
DH	DOOR HEADER	C4216 - 4" x 2" x 16 Ga. Cee
DJ	DOOR JAMB	C43516 - 4" x 3 1/2" x 16 Ga. Cee
EC	EAVE CHANNEL	U42514 - 4 1/8" x 2 5/8" x 14 Ga. Channel
ES	EAVE STRUT	ES6416 - 6" x 4" x 16 Ga. Strut
FC	FLOOR CLIP	Manufactured Part
G	GIRT	C4216 - 4" x 2" x 16 Ga. Cee
HA	HALL ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
JR	JACK RAFTER	C62516 - 6" x 2 1/2" x 16 Ga. Cee
M	MULLION	C12416 - 12" x 4" x 16 Ga. Cee
MCLP	MINI CLIP	Manufactured Part
PA	PARTITION ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
PC	PARTITION CEE	C2218 - 2" x 2" x 18 Ga. Cee
RA	RAKE ANGLE	L4216 - 4" x 2" x 16 Ga. Angle
RC	RAKE CLIP	Manufactured Part
RS	RIDGE STRUT	RS6416 - 6" x 4" x 16 Ga. Strut
SPD	BASE ANGLE	SPD42216 - 4" x 2" x 1 1/2" Angle
Z4	4" Z PURLIN	Z42514 - 4" x 2 1/2" x 14 Ga. Zee
Z6	6" Z PURLIN	Z62516 - 6" x 2 1/2" x 16 Ga. Zee
Z8	8" Z PURLIN	Z82516 - 8" x 2 1/2" x 16 Ga. Zee
Z10	10" Z PURLIN	Z102516 - 10" x 2 1/2" x 16 Ga. Zee
Z12	12" Z PURLIN	Z122516 - 12" x 2 1/2" x 16 Ga. Zee

## 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 LRX LINER PANEL
RMW	26 Ga. REVERSE LRX WALL PANEL
SSR	24 Ga. SS11 ROOF PANEL

## SSR ABBREVIATIONS

BP7760	BACK UP PLATE
OC430	OUTSIDE CLOSURE
EP7600	EAVE PLATE - LOW
EP7616	EAVE PLATE - HIGH
FC200	FIXED CLIP - LOW
FC204	FIXED CLIP - HIGH
IC426	INSIDE CLOSURE
CS324	CINCH STRAP
GS246	GUTTER STRAP
RP7710	RAKE PLATE - LOW
RP7720	RAKE PLATE - HIGH

## TRIM ABBREVIATIONS

DFR	DIE FORMED RIDGE CAP
DJC	DOOR JAMB COVER
DS	DOWNSPOUT WITH DIVERTER
DSS	DOWNSPOUT STRAP
HC	DOOR HEADER COVER
ET	EAVE TRIM
REND	RAKE END
GS	GUTTER STRAP
HMC	HALF MULLION COVER
HSET	HIGH SIDE EAVE TRIM
HT	HEAD TRIM
IA	INSIDE ANGLE
IC	INSIDE CORNER
ICB	INSIDE CORNER BOX
ISCL	INSIDE CLOSURE
JT	JAMB TRIM
MC	MULLION COVER
OA	OUTSIDE ANGLE
OC	OUTSIDE CORNER
OCB	OUTSIDE CORNER BOX
OSCL	OUTSIDE CLOSURE
PB	PEAK BOX
PTT	PARTITION TOP TRIM
GU	GUTTER
RT	RAKE TRIM
SSC	SILICONE SEALANT CAULK
SW	SIDEWALL FLASHING
WT	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
MFS100	*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
LSZACO78	*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	TS324 END LAP ATTACHMENT
MFS0112	1/4"-14 x 1 1/2" SD	TS324 CLIP ATTACHMENT



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Madison, GA 30650  
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Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
FUQUAY VARINA, NC 27526

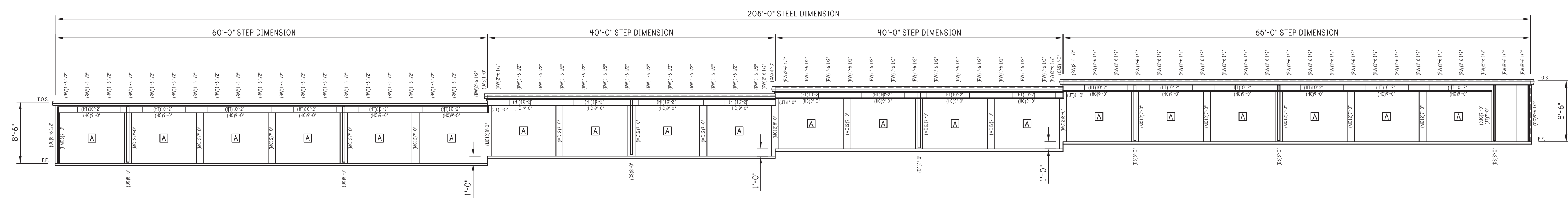
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JOB NO: 7116-24394 DATE: 12/01/20 DRAWN: JSG CHECKED: DSM  
SHEET NO: 1 of 8 DRAWING NO: RD080F20 REVISION:

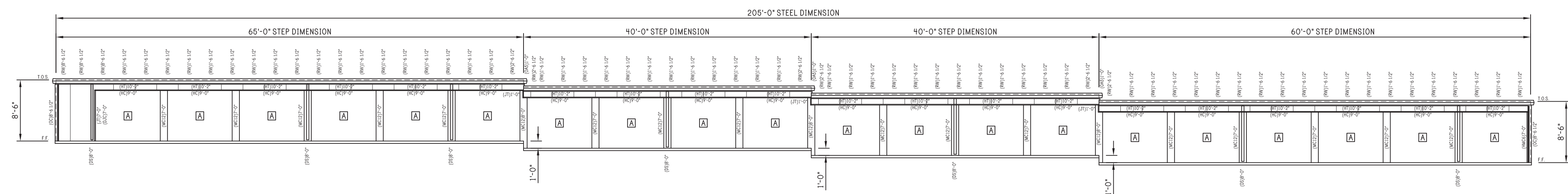
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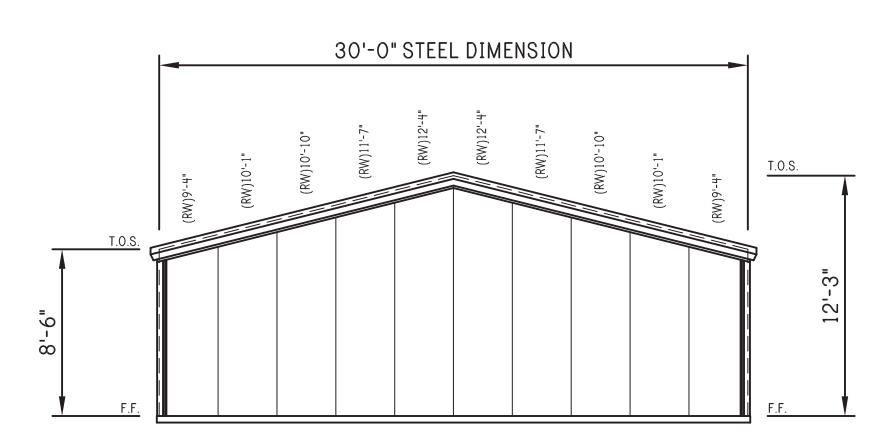
DOOR SCHEDULE	
[A]	(43) EACH 9'-0" X 7'-0" ROLL-UP DOOR



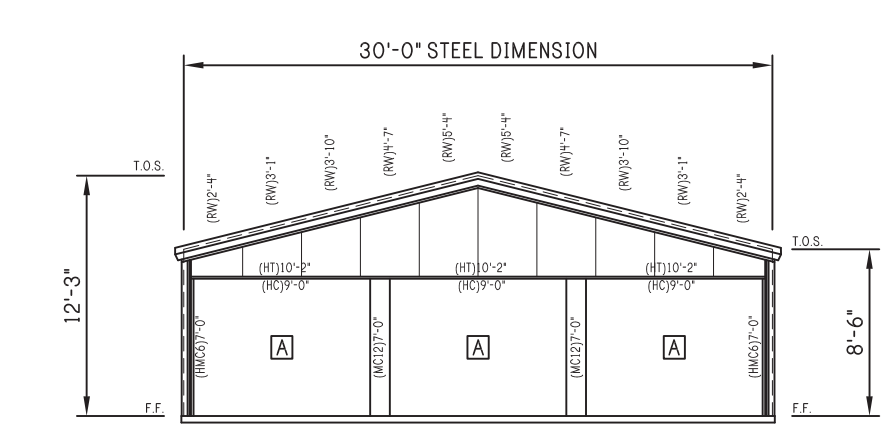
FRONT ELEVATION



REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

ELEVATION PLAN



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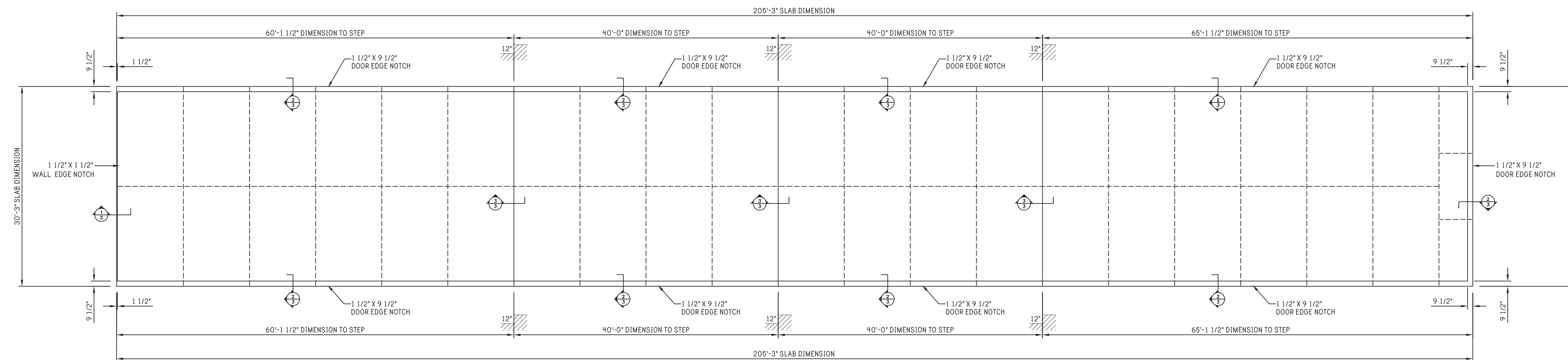
SITE: 78 PINEY GROVE RAWLS ROAD  
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TITLE: **30' x 205' x 8'-6"**

JOB NO:	DATE:	DRAWN:	CHECKED:
7116-24394	12/01/20	JSG	DSM
SHEET NO:	DRAWING NO:	REVISION:	
2 of 8	RD080F20		

Notes:

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



SLAB PLAN



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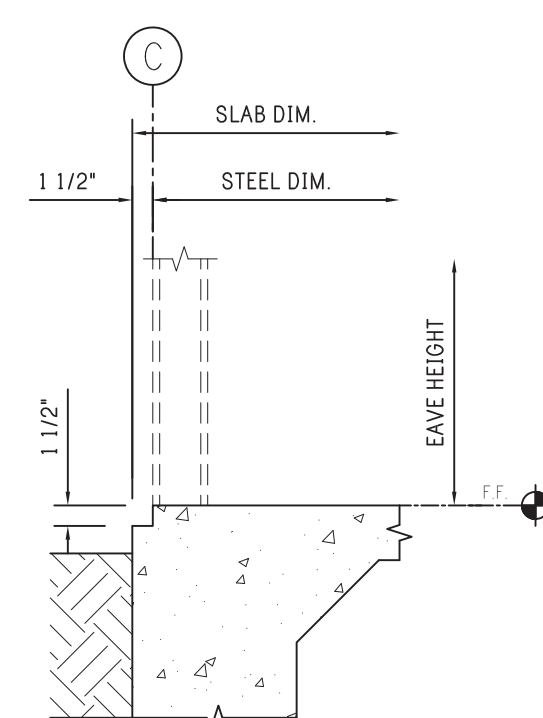


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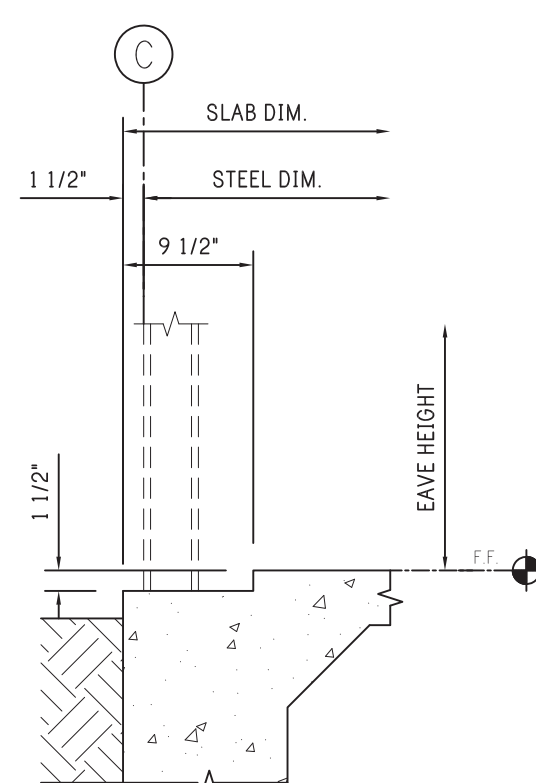
SITE: 78 PINEY GROVE RAWLS ROAD  
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TITLE: 30' x 205' x 8'-6"

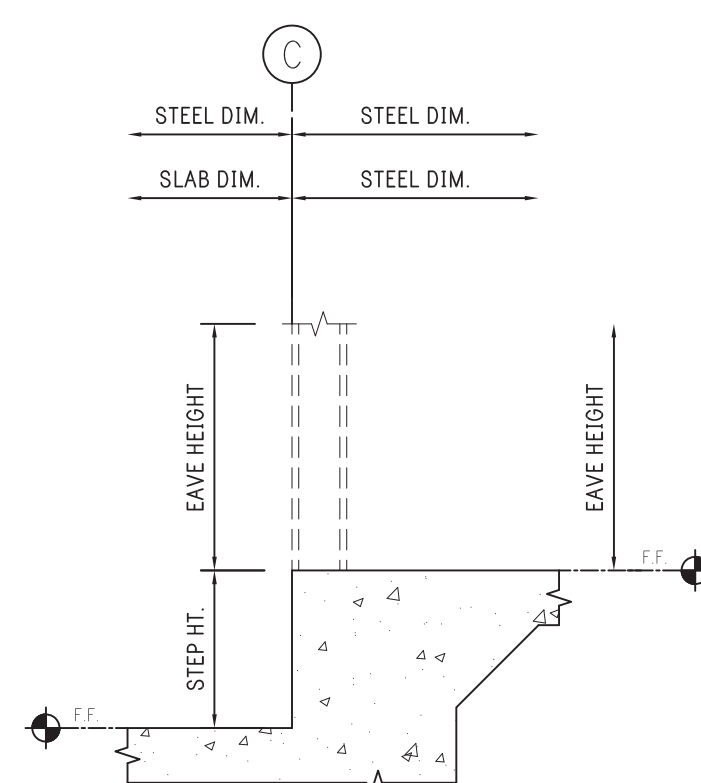
JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 3 of 8	DRAWING NO: RD080F20	REVISION:	



1 SLAB NOTCH - WALL EDGE  
 1-1/2" x 1 1/2" NOTCH

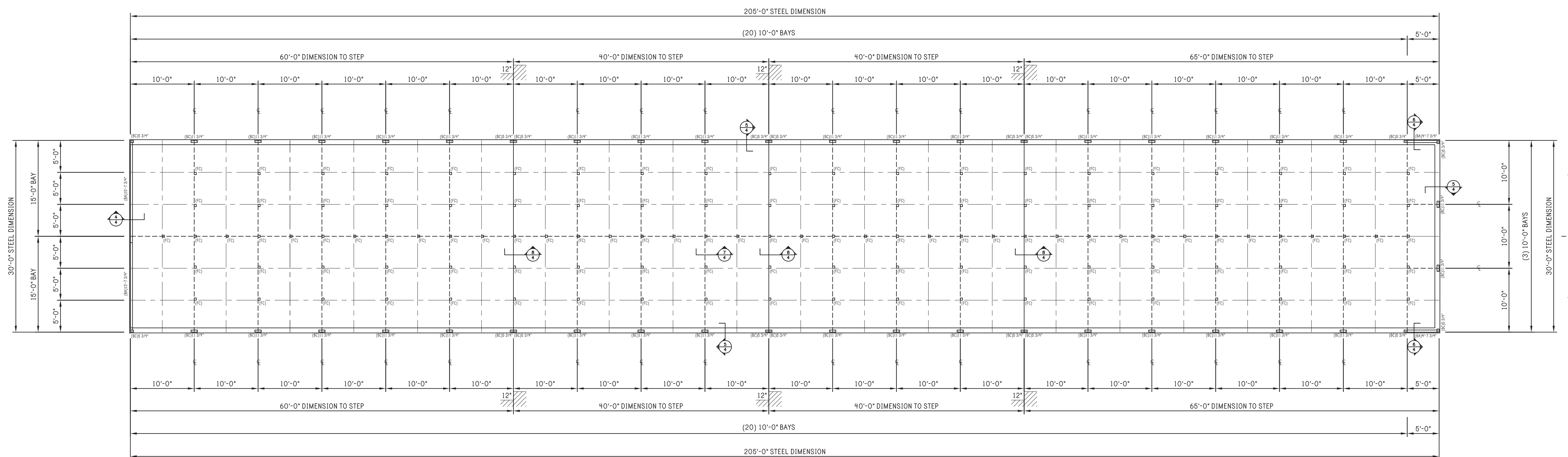


2 SLAB NOTCH - DOOR EDGE  
 1-1/2" x 9 1/2" NOTCH



3 SLAB STEP

Notes:



FLOOR PLAN



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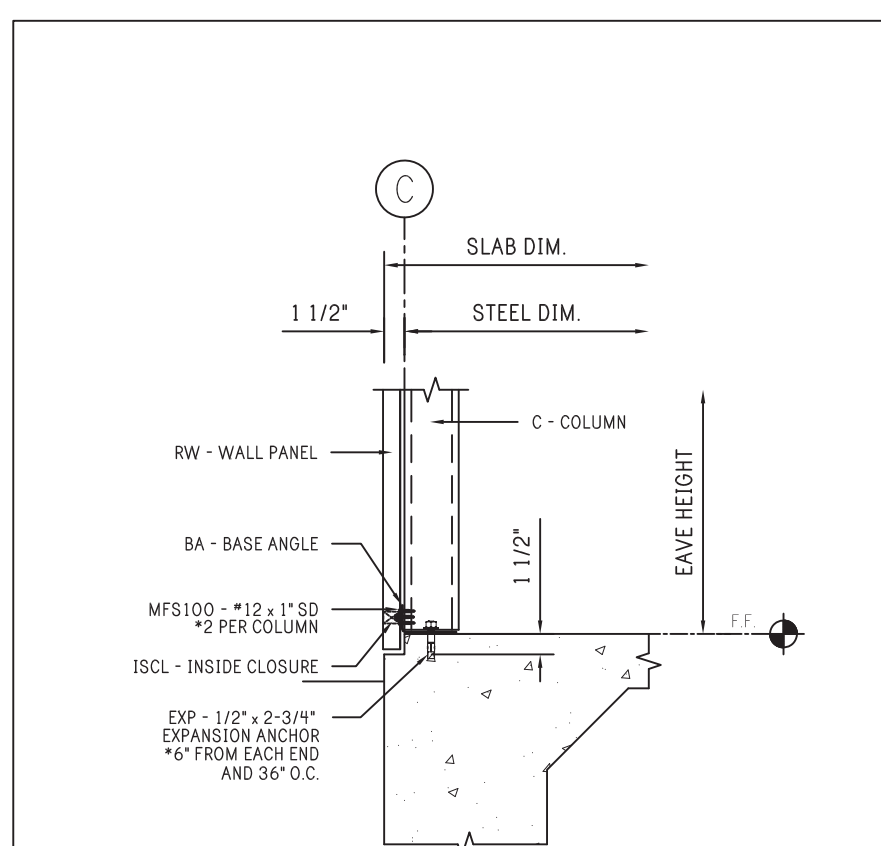


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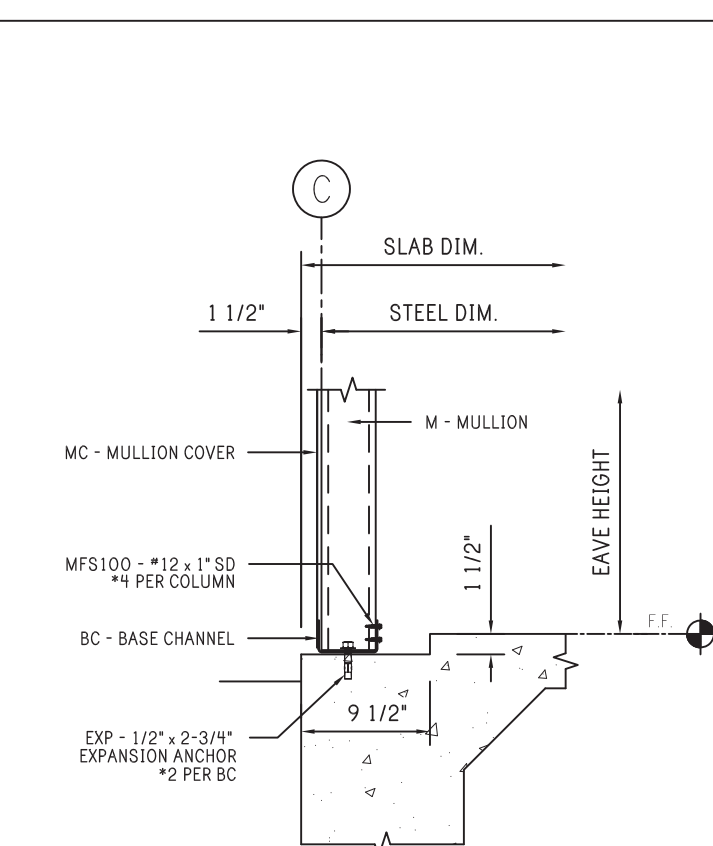
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TITLE: 30' x 205' x 8'-6"

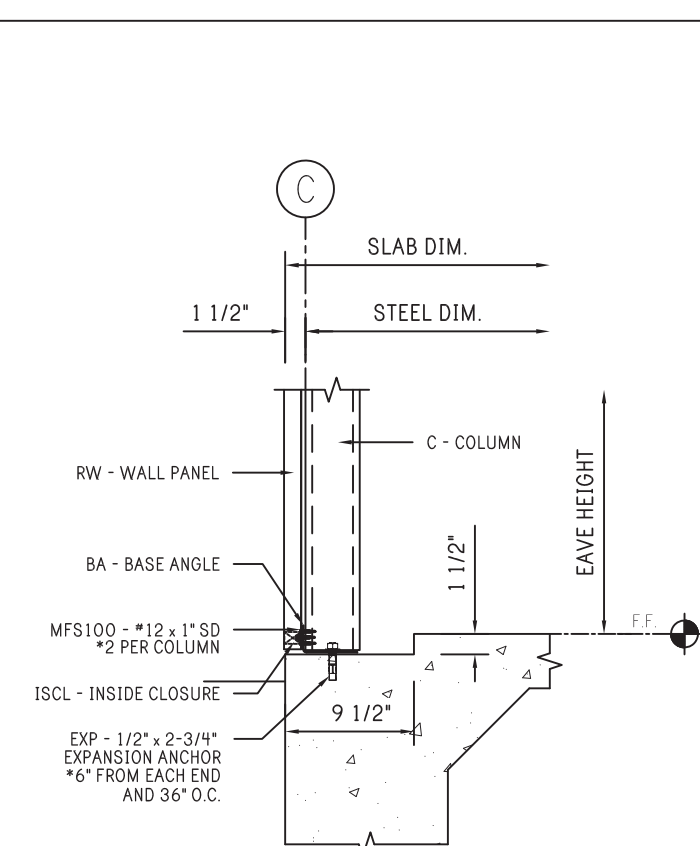
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SHEET NO: 4 of 8	DRAWING NO: RDO80F20	REVISION:	



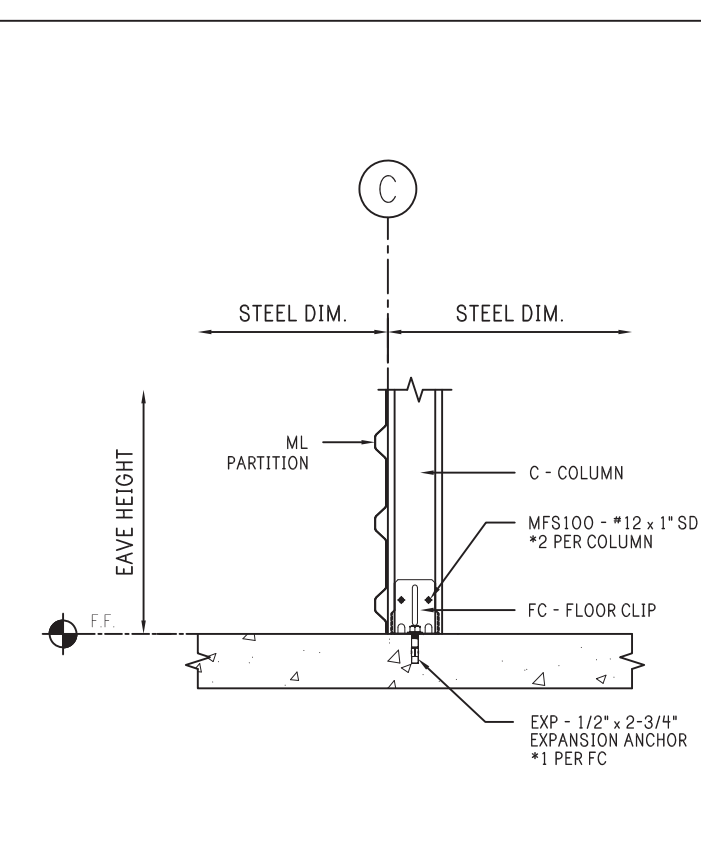
4 BASE ANGLE - WALL EDGE



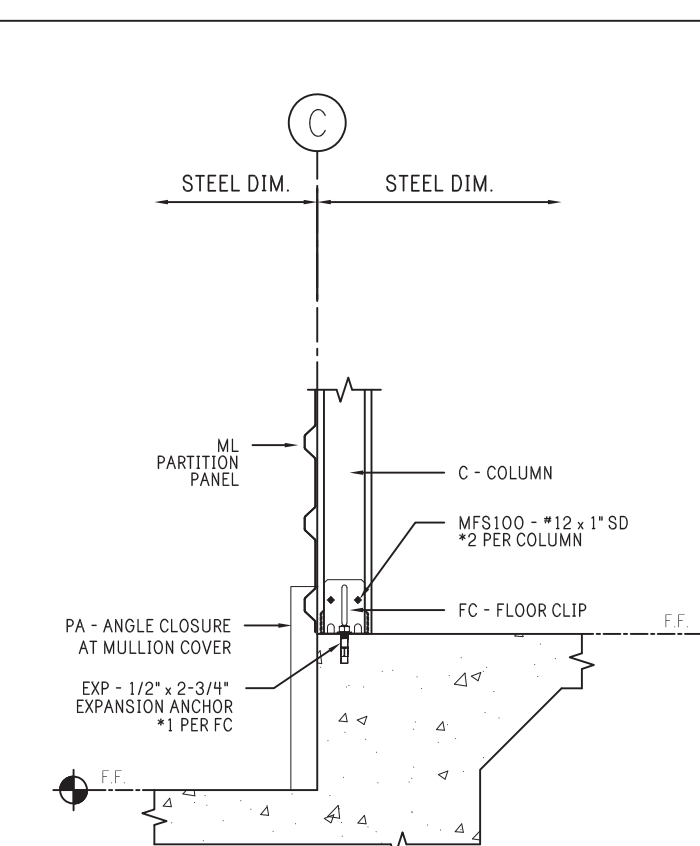
5 BASE CHANNEL - DOOR EDGE



6 BASE ANGLE - DOOR EDGE AT SHEETED WALL



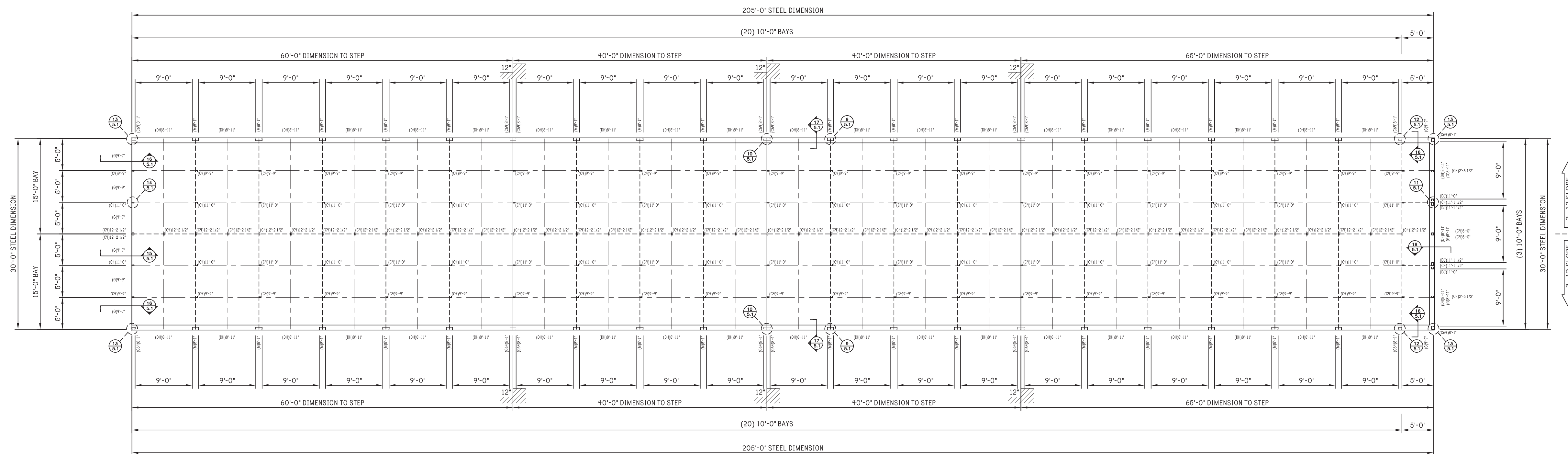
7 COLUMN - FLOOR CLIP



8 FLOOR CLIP - SLAB STEP

Notes:

1. COLUMN SPACING IS ON 5'-0" GRID UNLESS OTHERWISE NOTED. SEE DETAILS FOR COLUMN PLACEMENT.



FRAMING PLAN



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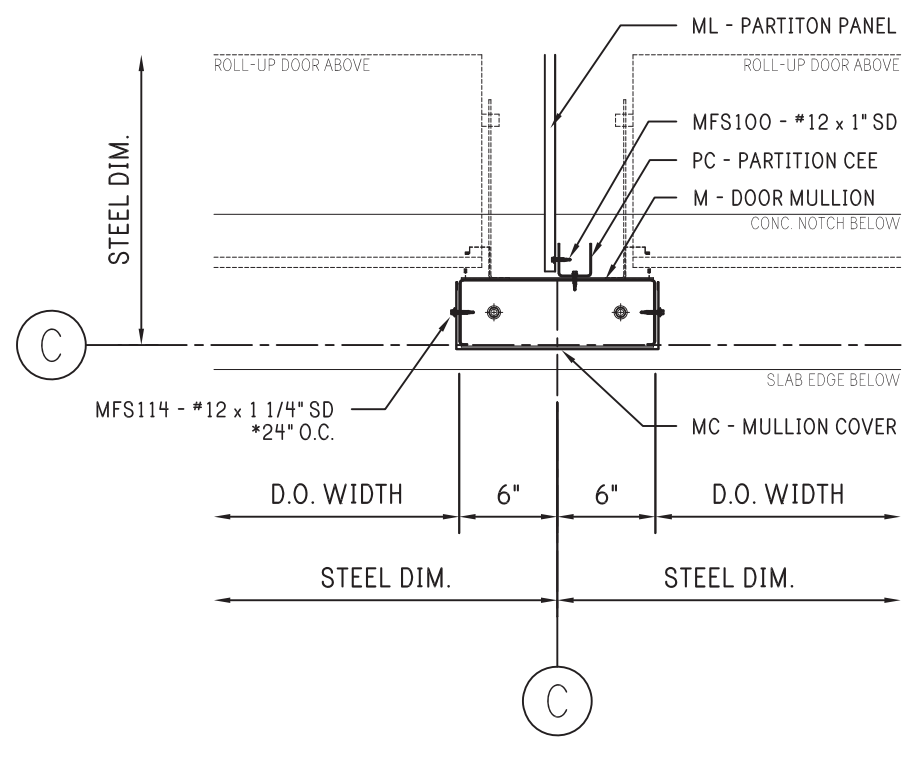
**PEAK STEEL**  
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 Fax: (706) 343-1968

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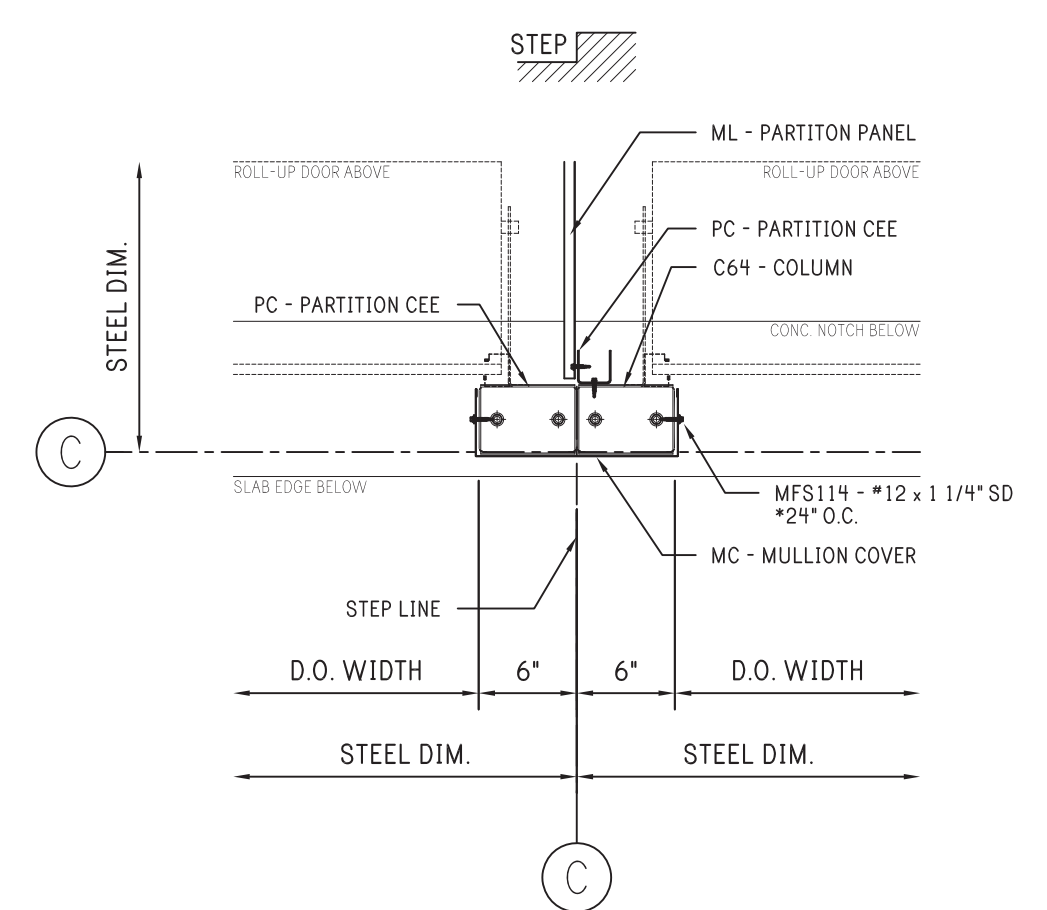
TITLE: 30' x 205' x 8'-6"

JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 5 of 8	DRAWING NO: RD080F20	REVISION:	

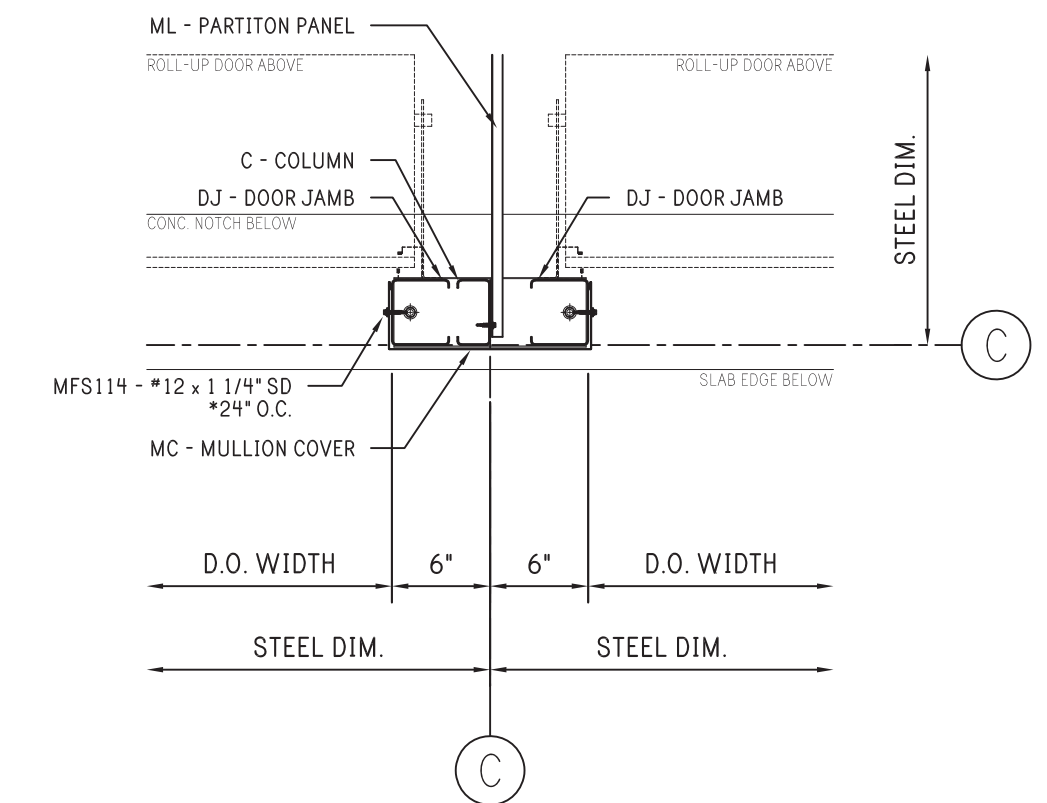
Notes:



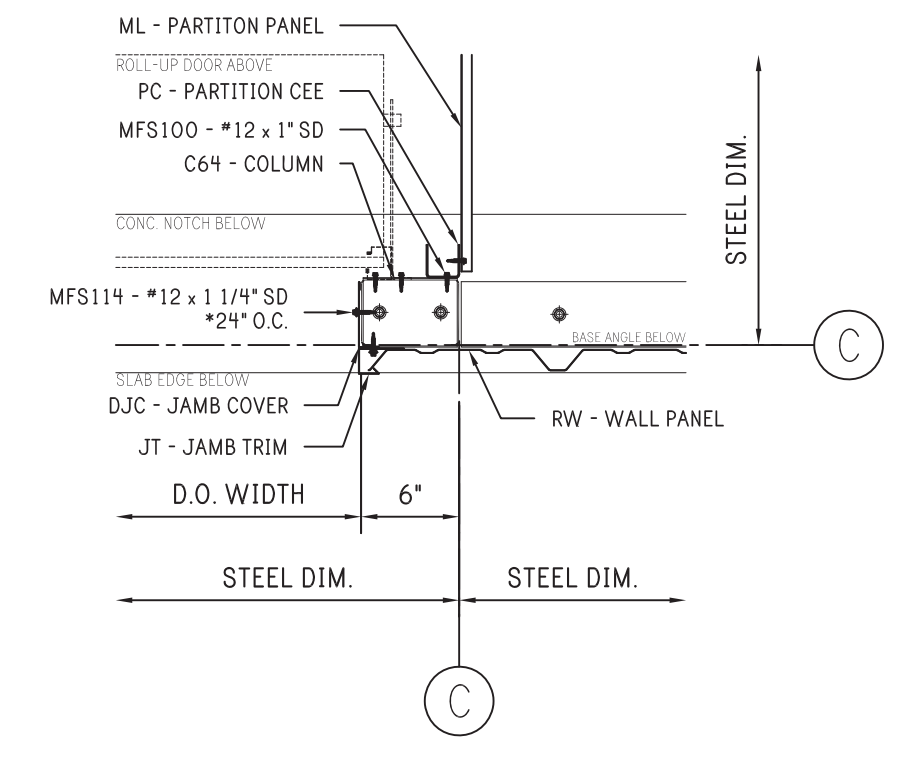
9 12" DOOR MULLION



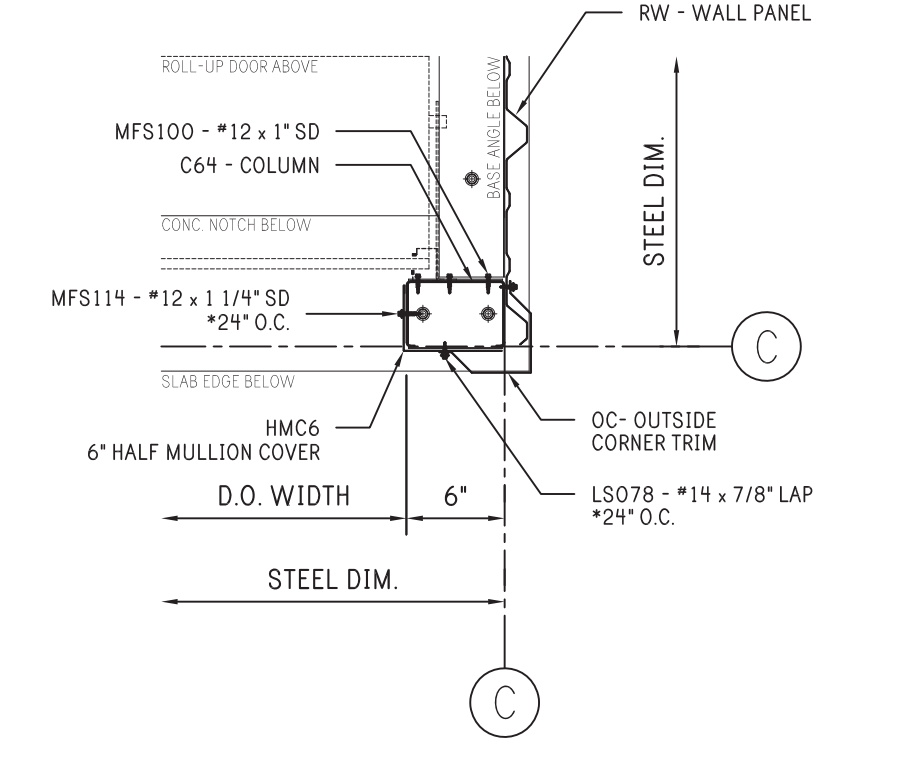
10 12" DOOR MULLION AT SLAB STEP



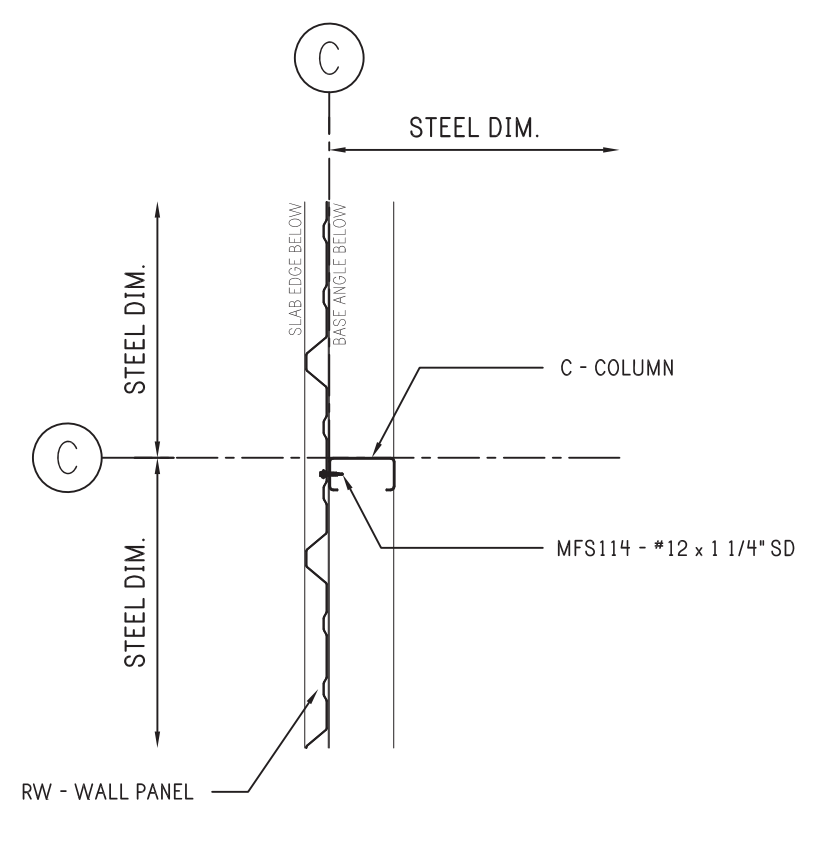
11 12" DOOR MULLION AT END WALL



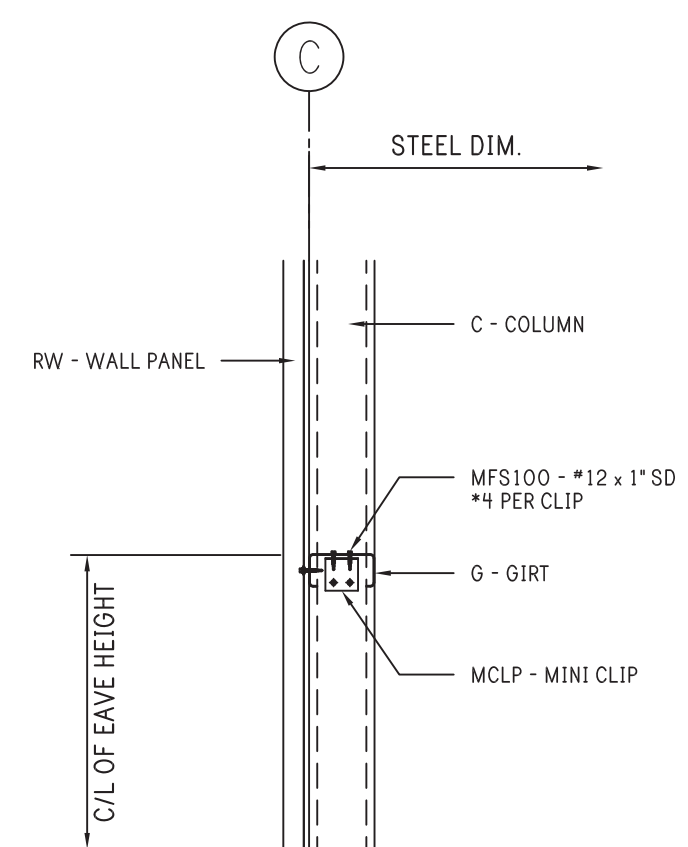
12 6" DOOR JAMB AT PANEL WALL



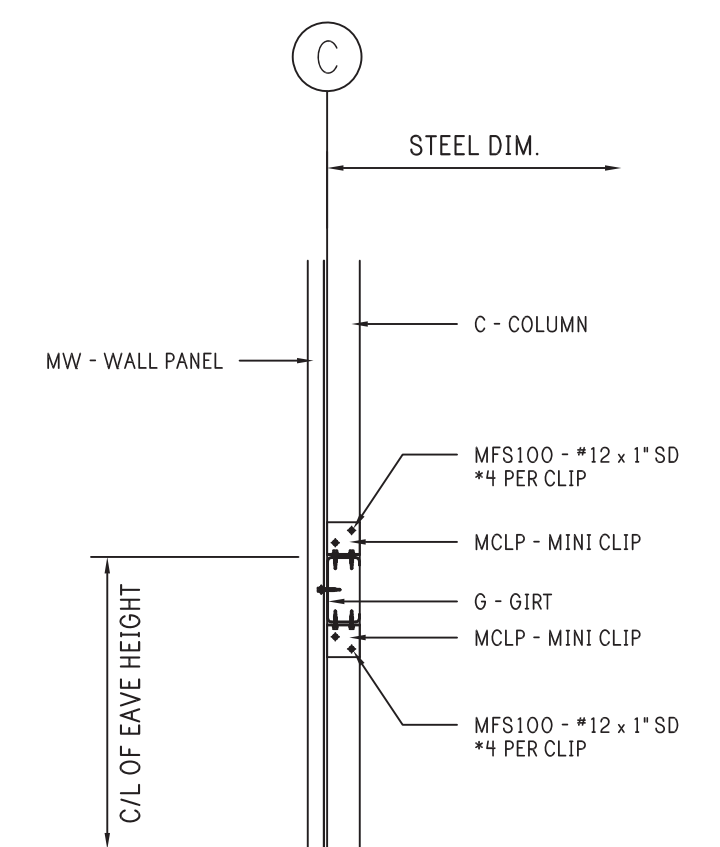
13 6" DOOR JAMB AT CORNER



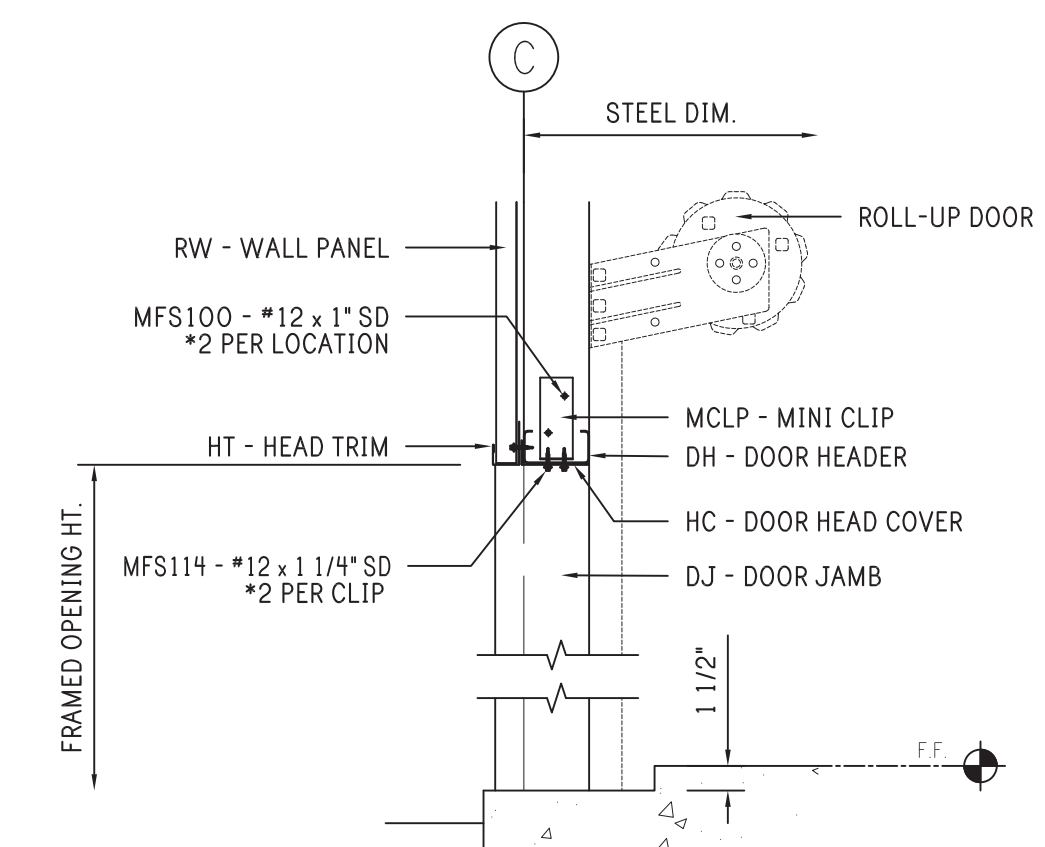
14 COLUMN AT WALL



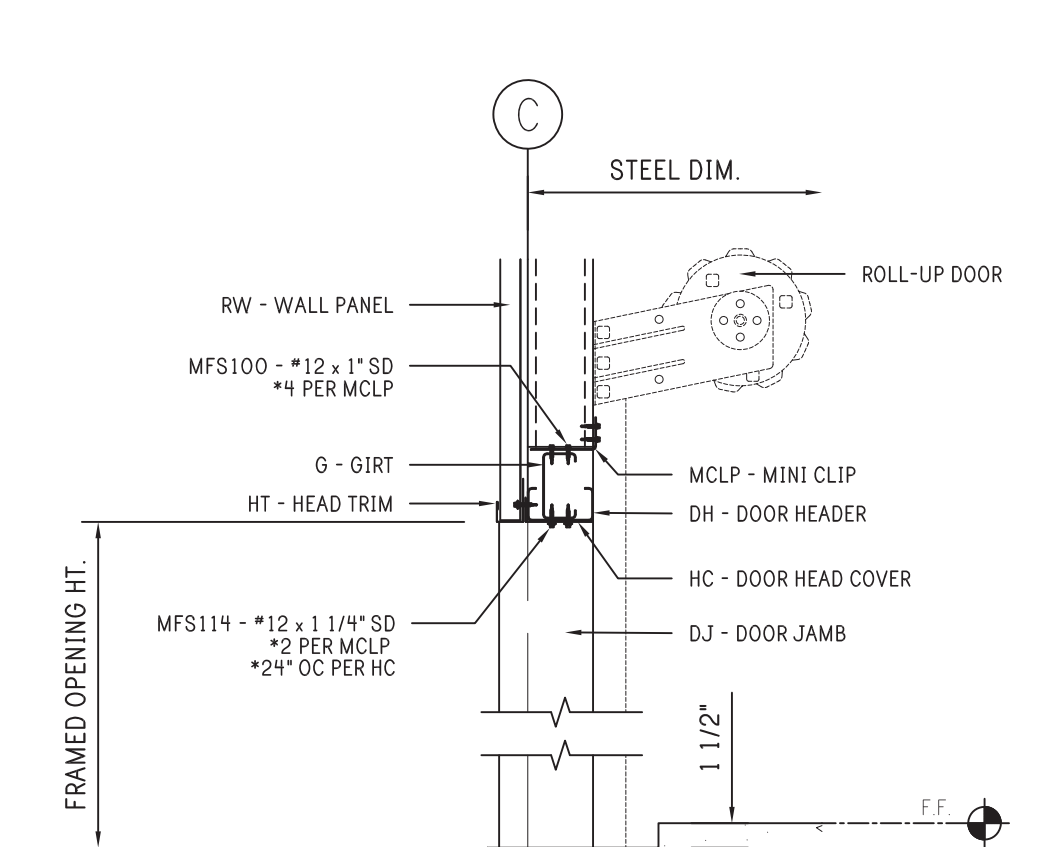
15 GIRT - TYPICAL



16 GIRT - AT 6" JAMB



17 DOOR HEADER



18 DOOR HEADER - ENDWALL PURLIN SUPPORT



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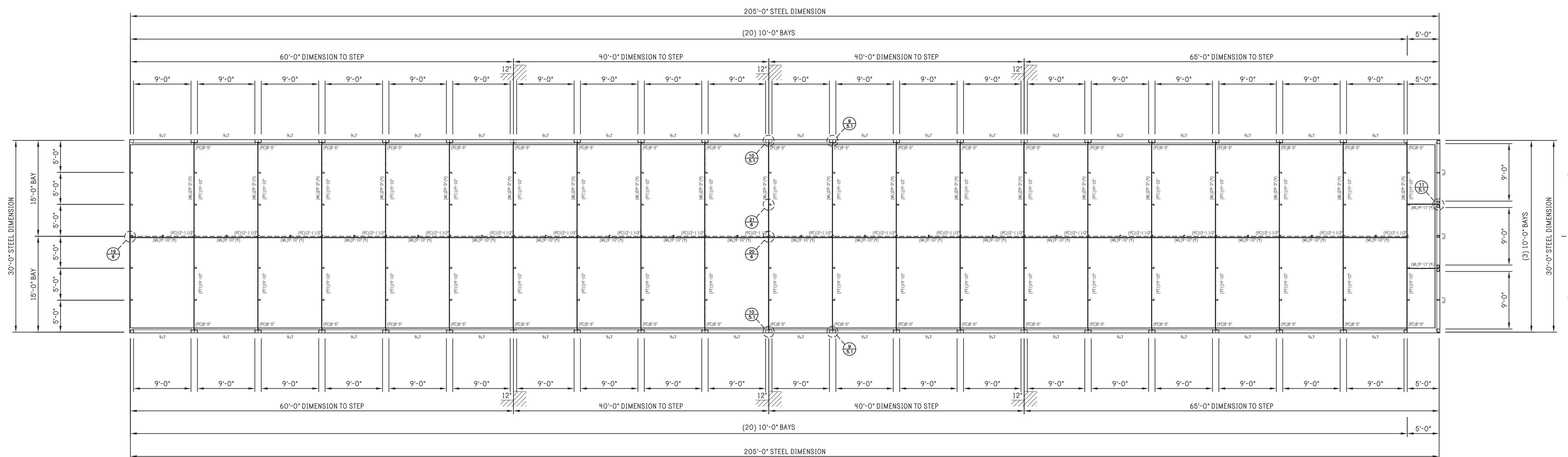
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 FUUQUAY VARINA, NC 27526  
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 JOB NO: 7116-24394 DATE: 12/01/20 DRAWN: JSG CHECKED: DSM  
 SHEET NO: 5.1 of 8 DRAWING NO: RD080F20 REVISION:

FRAMING DETAILS

Notes:



PARTITION PLAN



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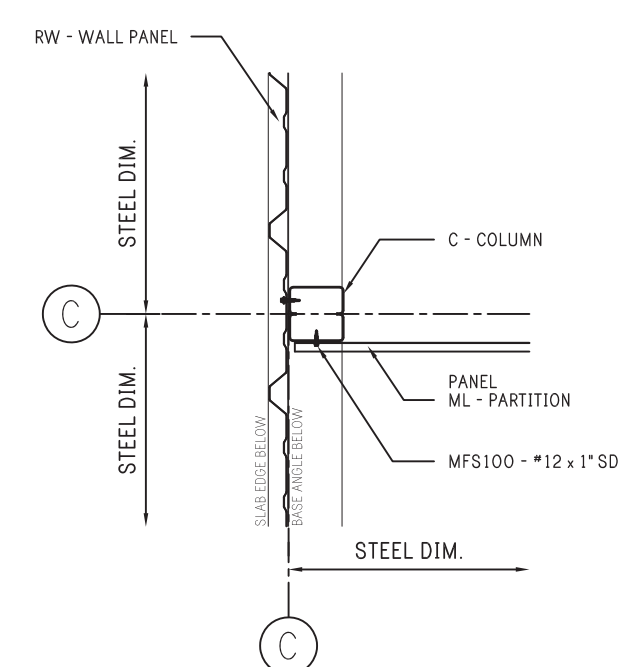


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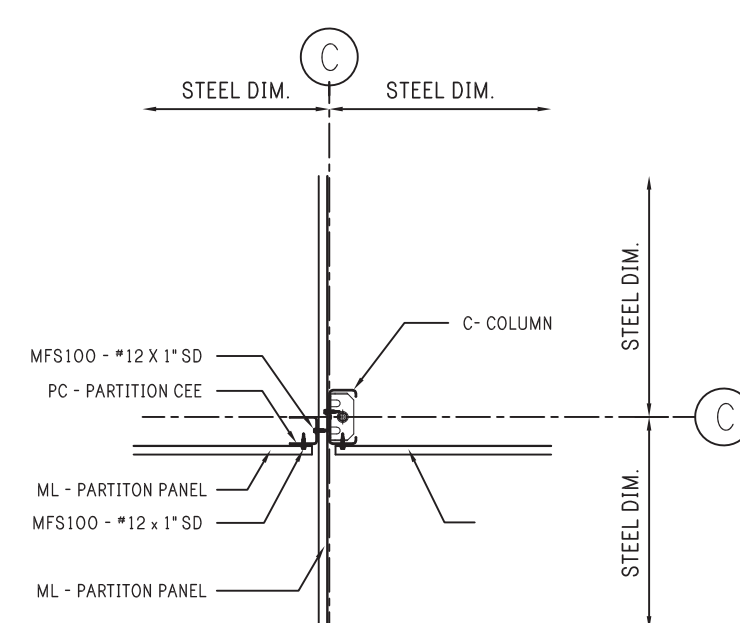
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TITLE: 30' x 205' x 8'-6"

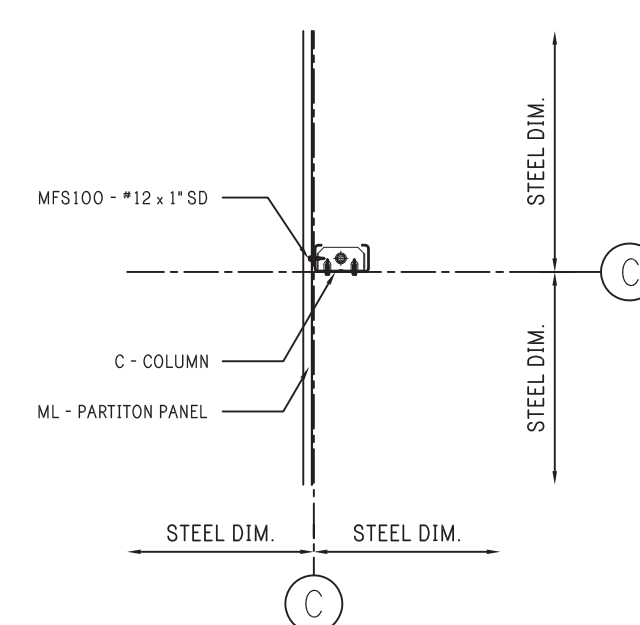
JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 6 of 8	DRAWING NO: RD080F20	REVISION:	



19 PARTITION AT WALL AT RIDGE LINE



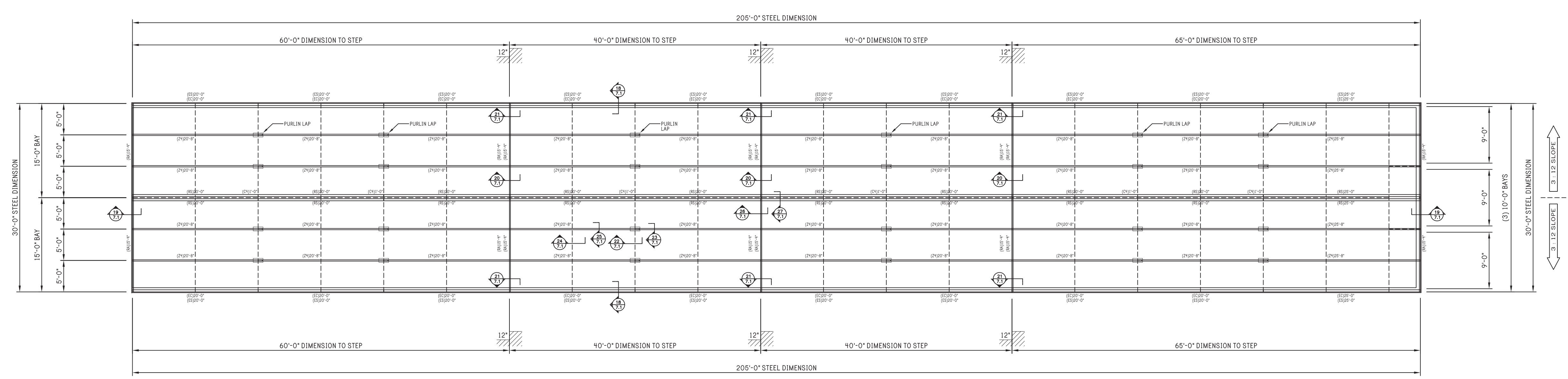
20 PARTITION TEE AT RIDGE LINE



21 CLIP AT COLUMN



Notes:



**RAFTER PLAN**



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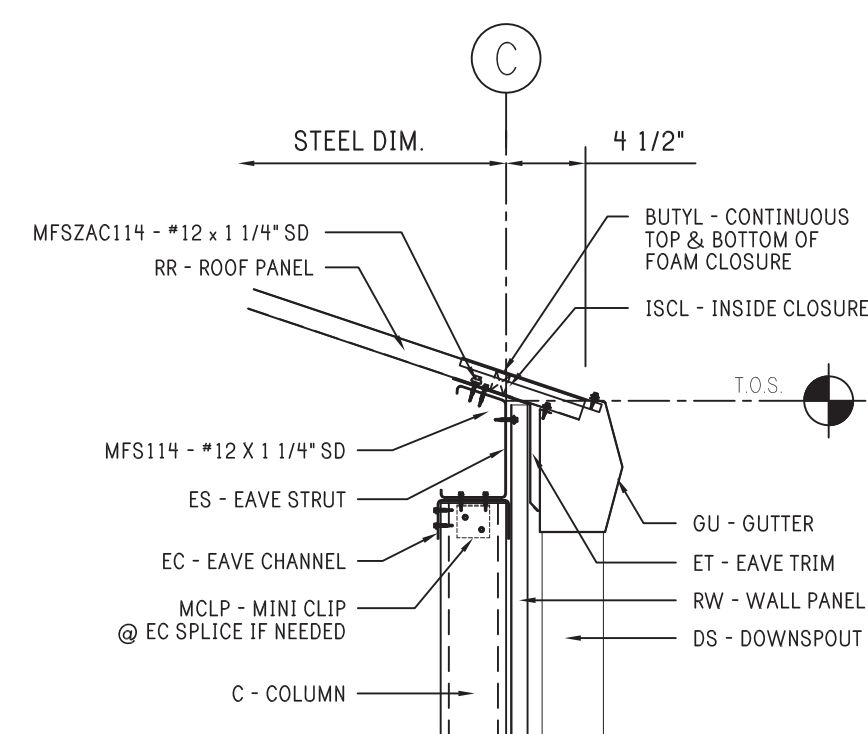
**PEAK STEEL**  
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 Phone: (844) 333-7325  
 Fax: (706) 343-1968

SITE: 78 PINEY GROVE RAWLS ROAD  
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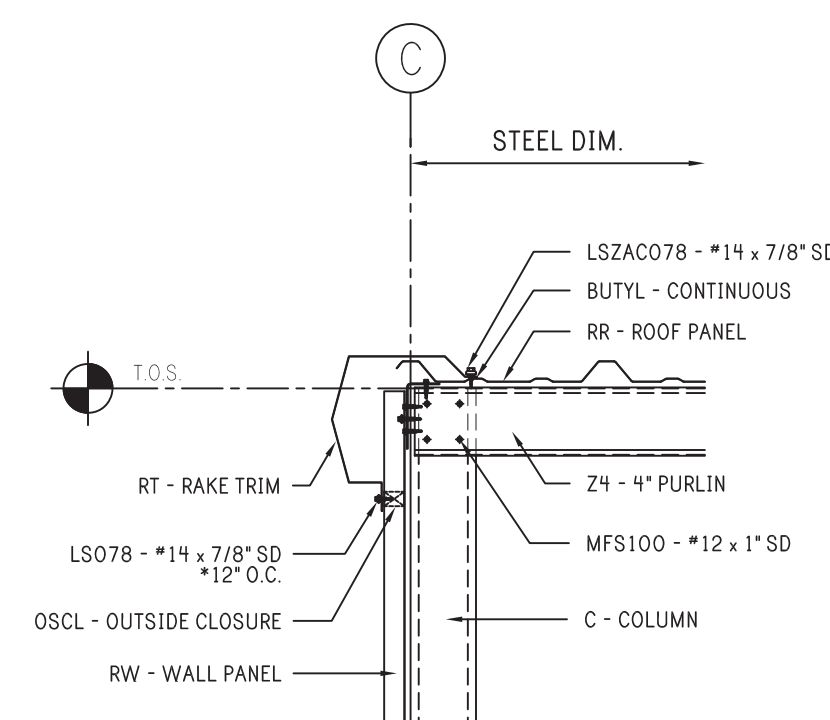
TITLE: **30' x 205' x 8'-6"**

JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7 of 8	DRAWING NO: RD080F20	REVISION:	

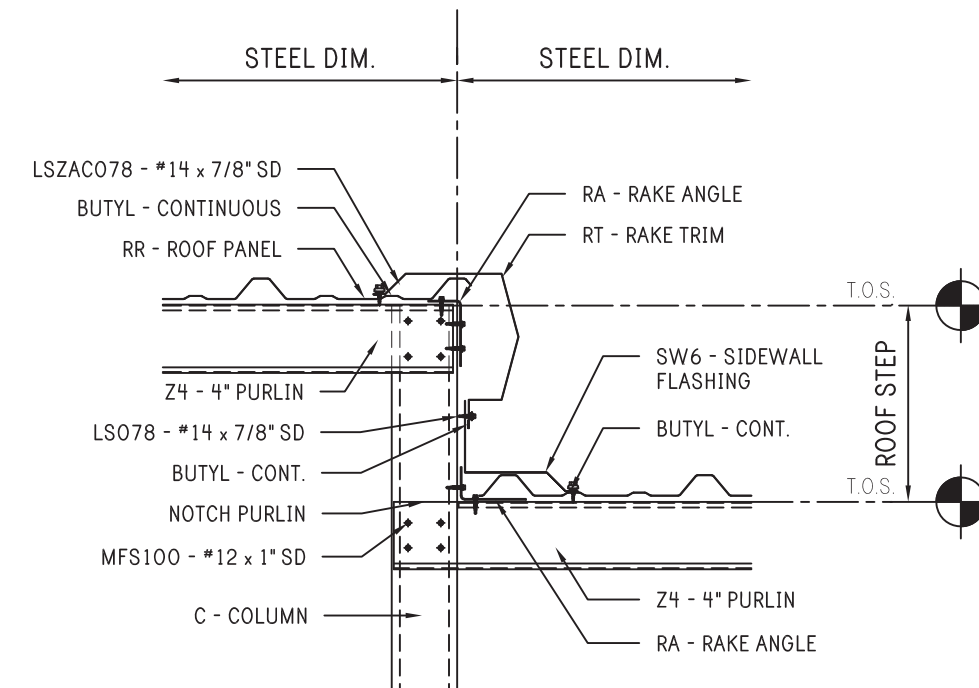
Notes:



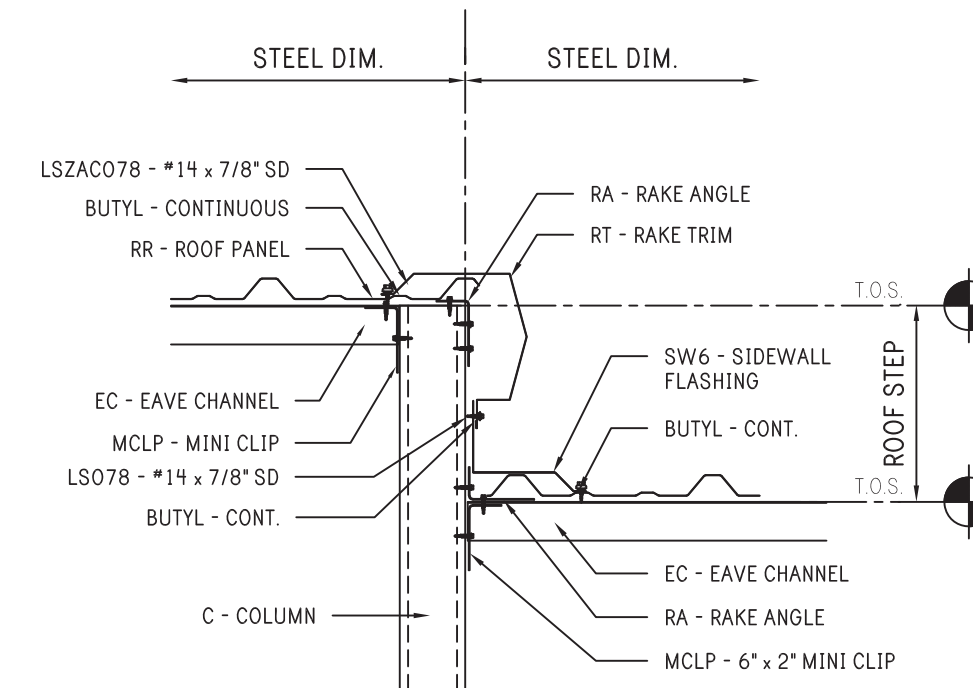
18 LOW EAVE STRUT w/ GUTTER



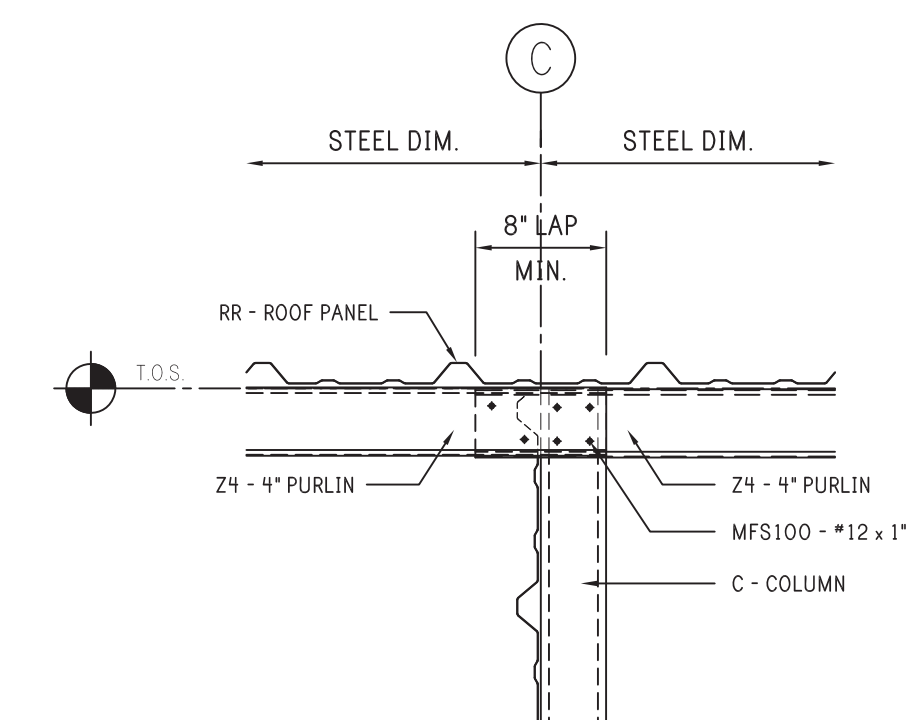
19 RAKE



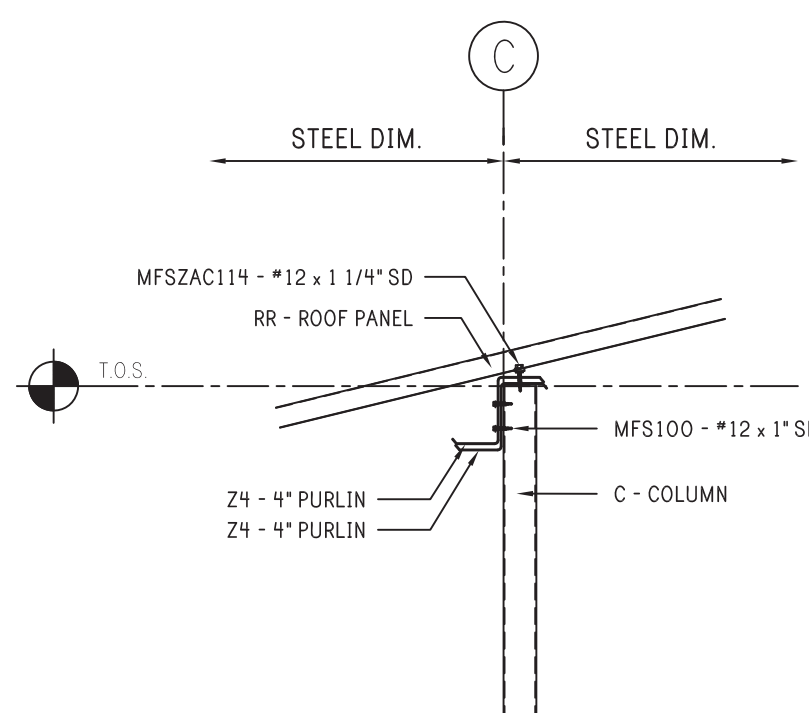
20 12" STEP AT PURLIN



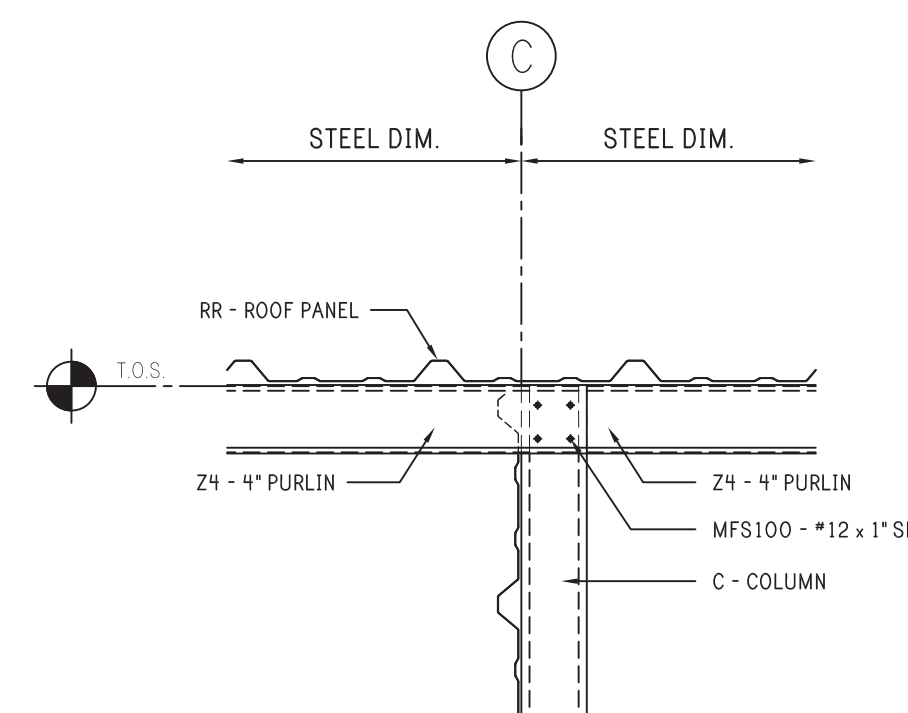
21 12" STEP AT EAVE



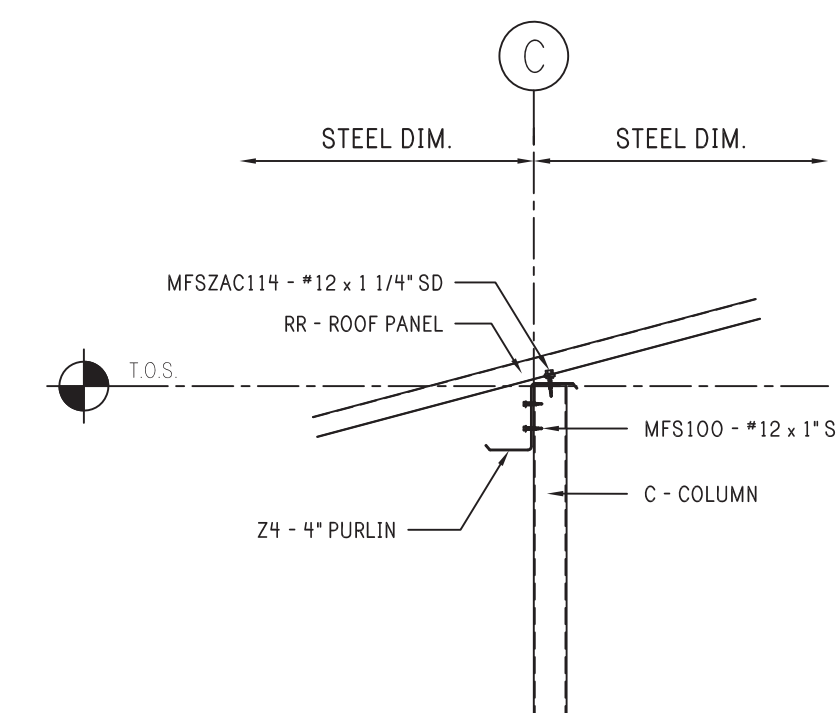
22 4" PURLIN LAP SIDE VIEW



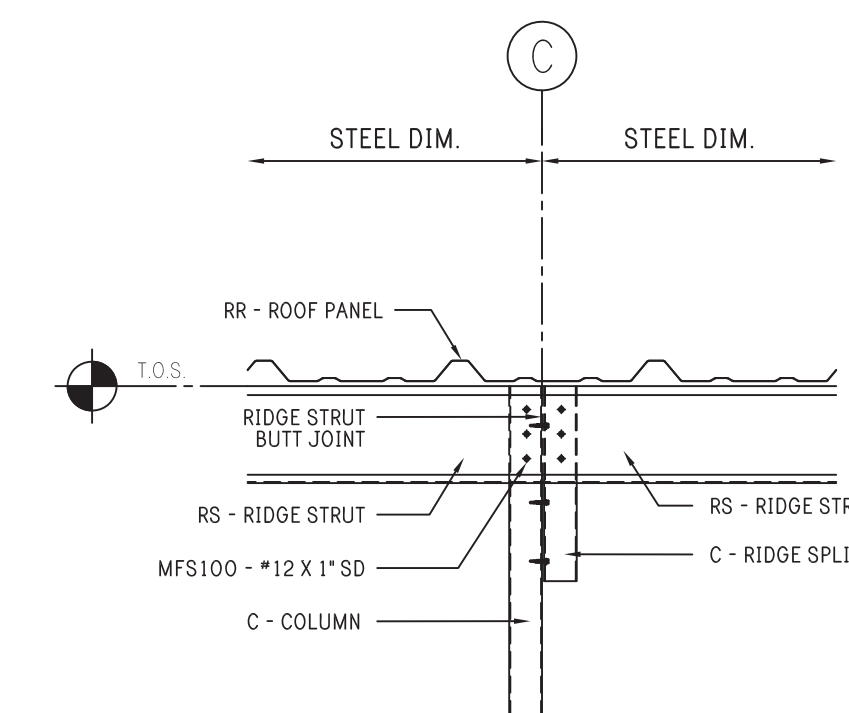
23 4" PURLIN LAP SECTION VIEW



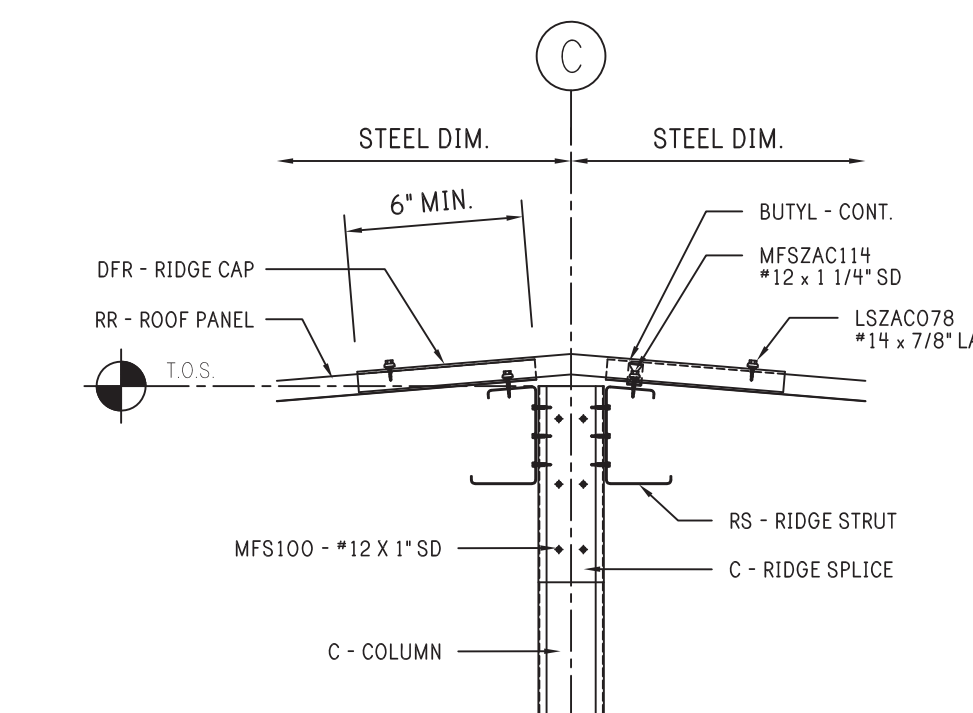
24 4" PURLIN SIDE VIEW



25 4" PURLIN SECTION VIEW



26 STRUT SPLICE - SIDE



27 STRUT SPLICE - SECTION



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SITE: 78 PINEY GROVE RAWLS ROAD  
 FUYQUAY VARINA, NC 27526

TITLE: 30' x 205' x 8'-6"

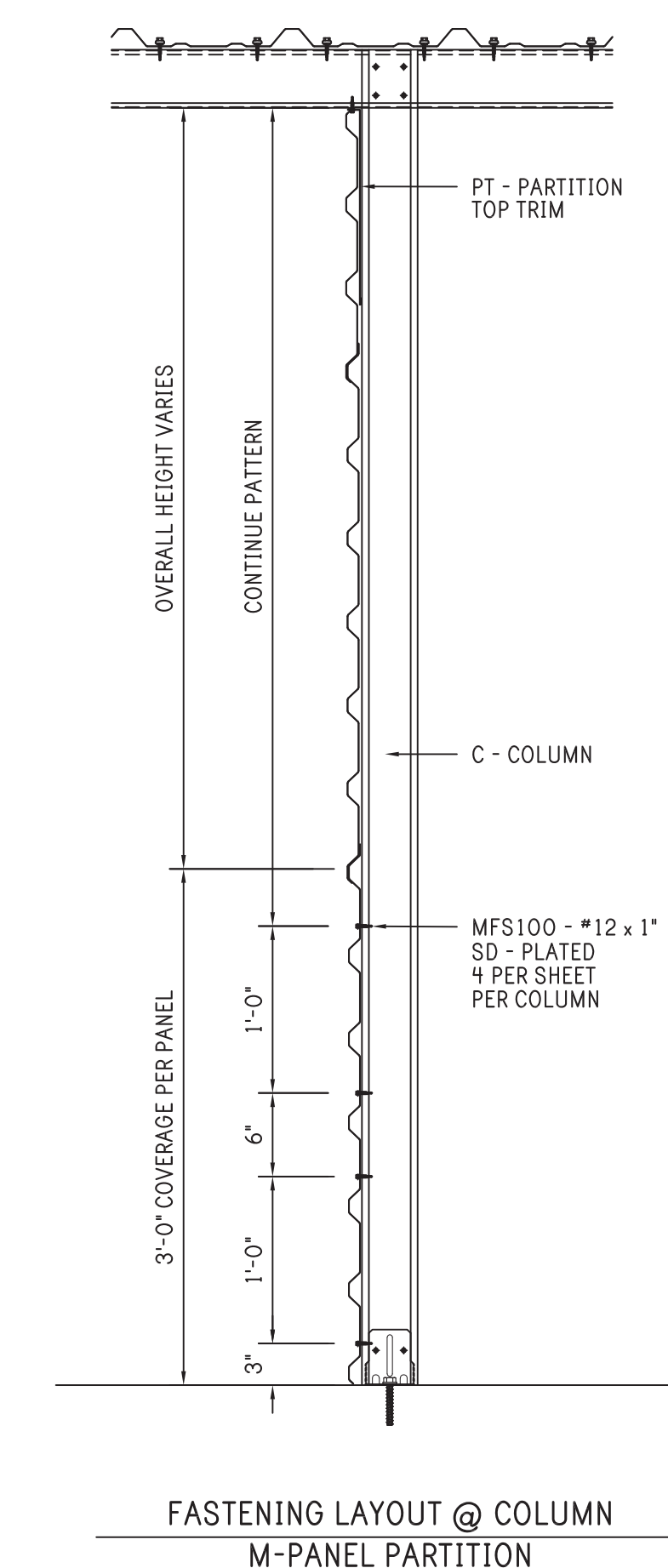
JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7.1 of 8	DRAWING NO: RD080F20	REVISION:	

RAFTER DETAILS

Notes:

**ERECTOR NOTE**

TOP PARTITION PANEL MAY BE BACK LAPPED AS NEEDED.  
TOP TRIM IS USED TO FINISH OFF TO THE BOTTOM OF THE PURLIN.



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	CONSTRUCTION ISSUE		

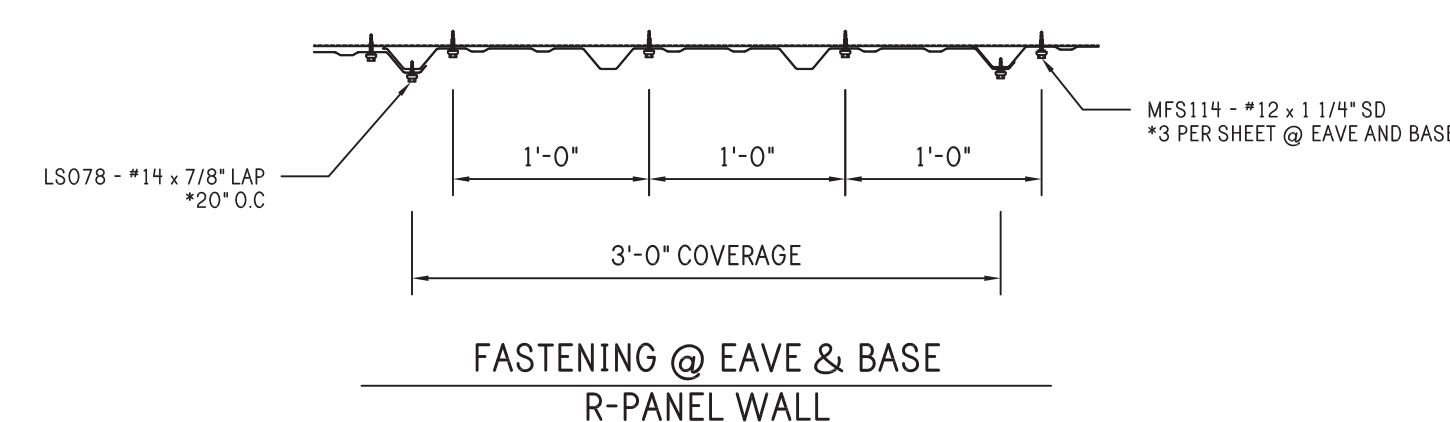
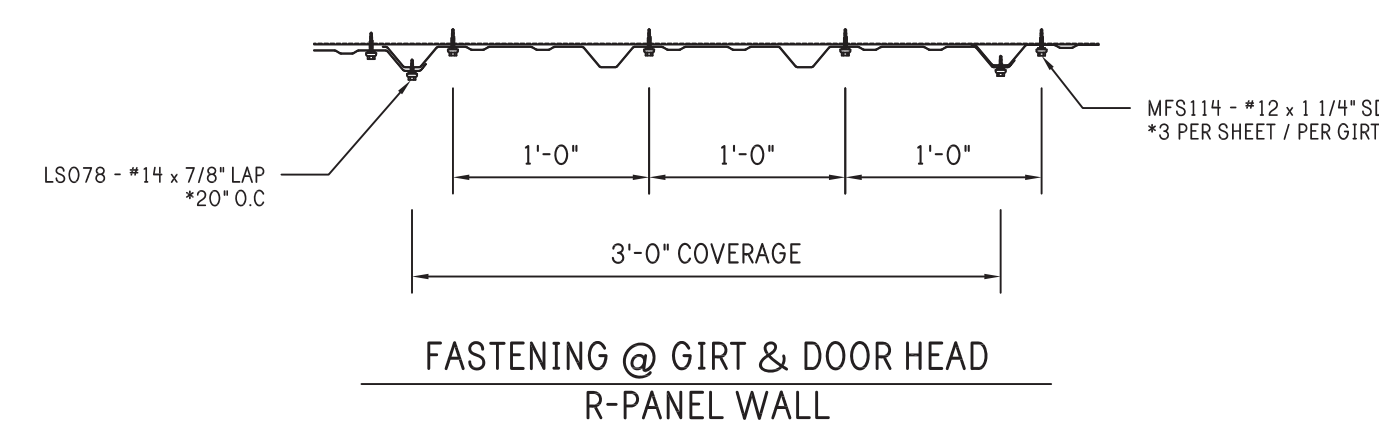
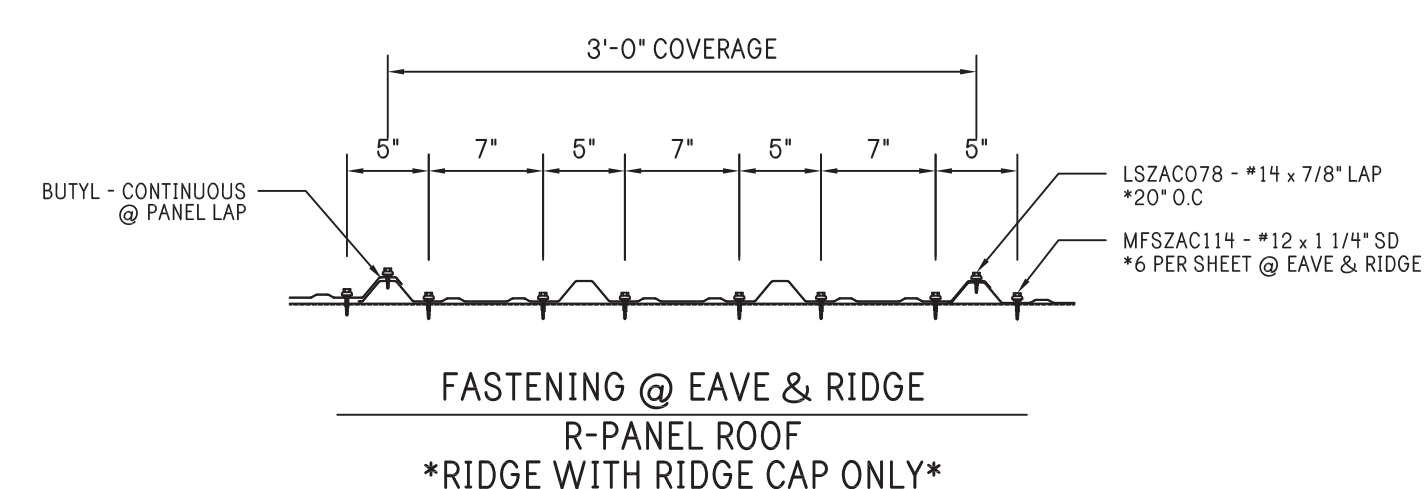
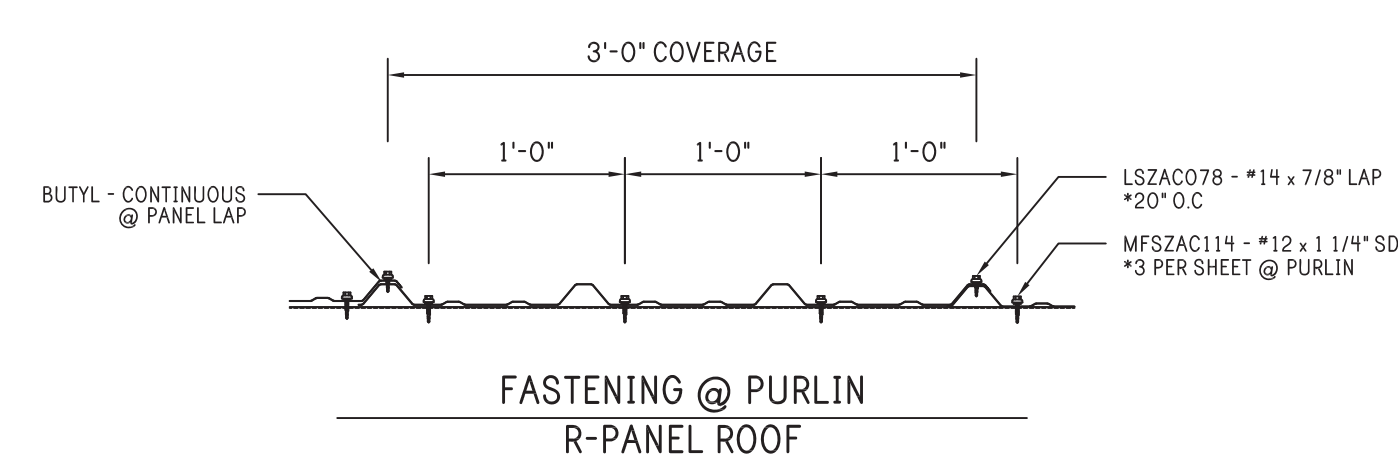
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 FUQUAY VARINA, NC 27526

TITLE: **30' x 205' x 8'-6"**

JOB NO: 7116-24394	DATE: 12/01/20	DRAWN: JSG	CHECKED: DSM
SHEET NO: 7.2 of 8	DRAWING NO: RD080F20	REVISION:	

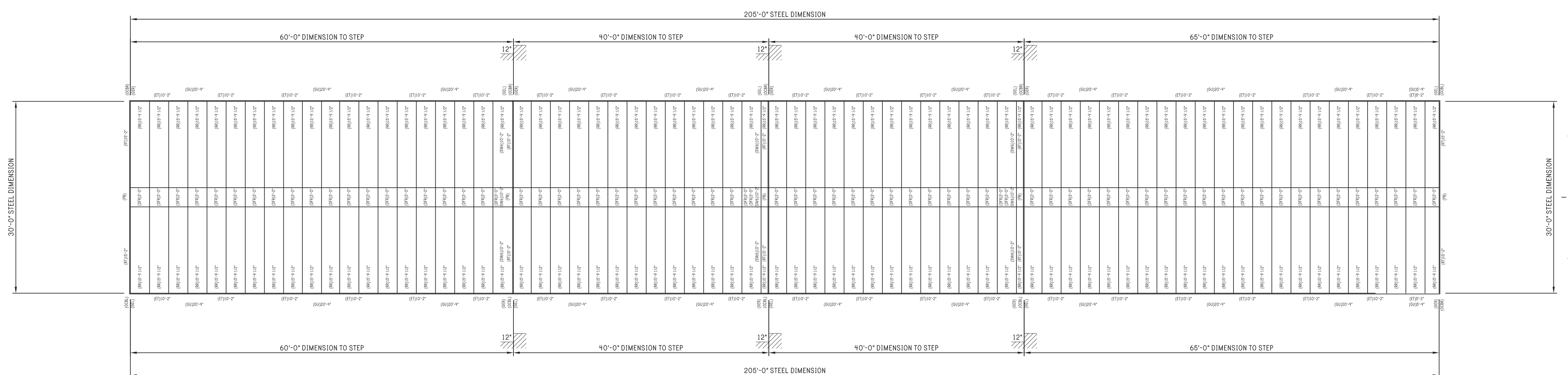


**ATTACHMENT DETAILS**

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Notes:

- CLOSURES**  
 (140) INSIDE CLOSURES INCLUDED FOR LOW EAVE.  
 (16) INSIDE CLOSURES INCLUDED FOR BASE OF EXTERIOR WALL PANELS.  
 (20) OUTSIDE CLOSURES INCLUDED FOR RAKE.



ROOF PLAN



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SHEET NO: 8 of 8	DRAWING NO: RD080F20	REVISION:	