









MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	PH	PERMIT COMMENTS	01/18/2023
2	PH	CUSTOMER COMMENTS	1/18/2023
3	PH	CHANGE ORDER	2/25/2023



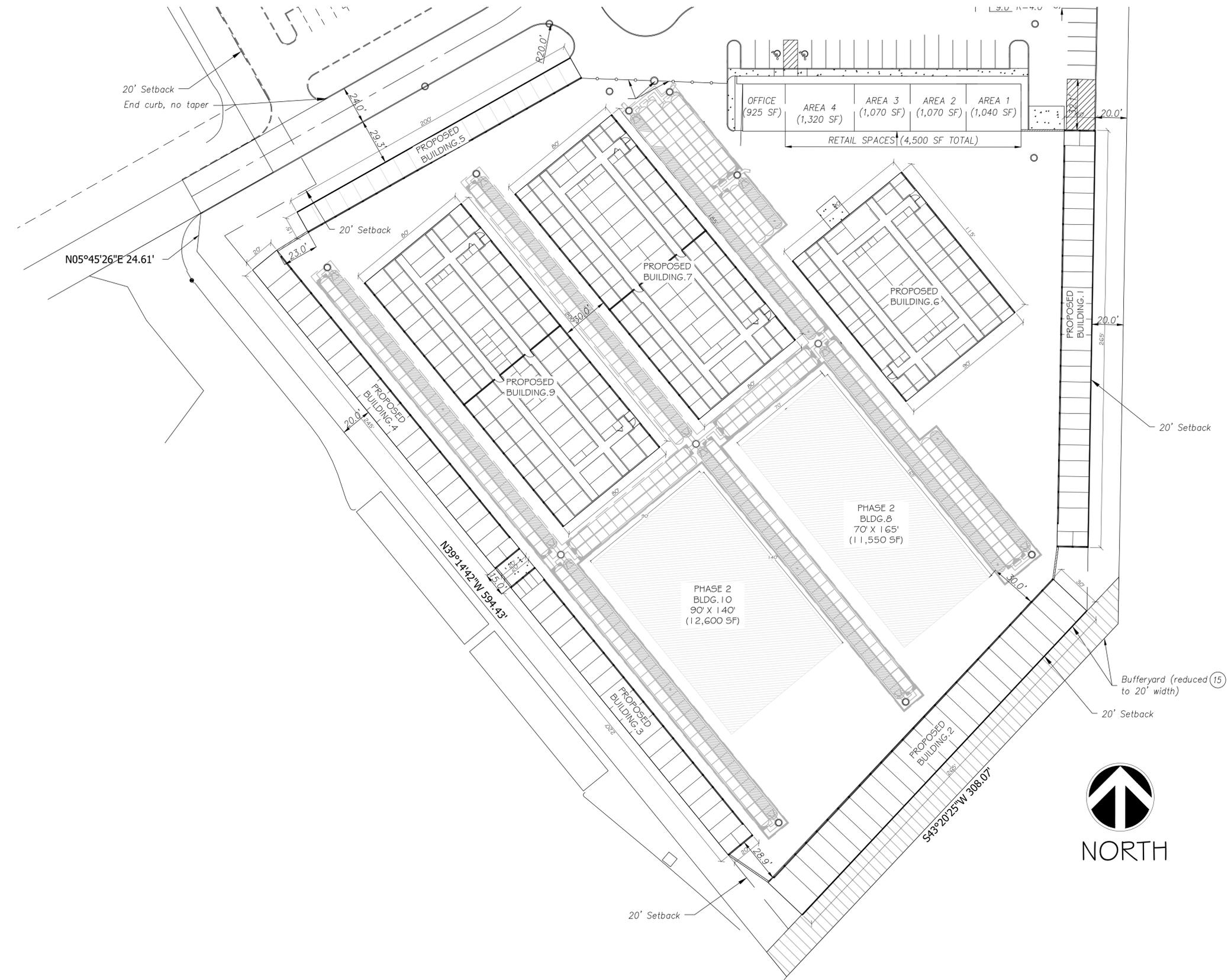
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**STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
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ROBERT M. BEATTIE, PE  
 1000 WEST WASHINGTON STREET, SUITE 200, INDIANAPOLIS, IN 46202  
 (317) 441-1111  
 RMB@MAKORABCO.COM

SHEET TITLE  
**SITE PLAN**  
 DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET



SCALE: 1/32" = 1'





MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



**STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055**

ENGINEER STAMP

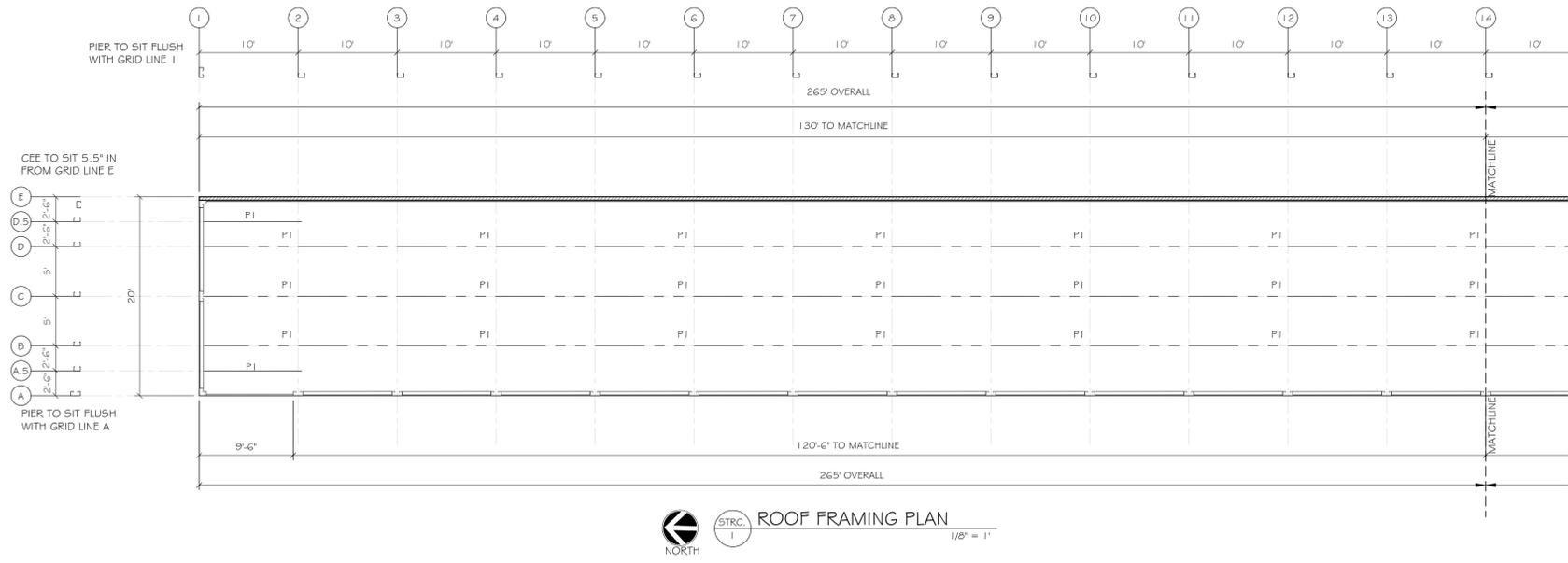
ENGINEER  
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 (317) 432-1111  
 www.makorabco.com

SHEET TITLE  
**STRC. 1**  
ROOF FRAMING PLANS  
 DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

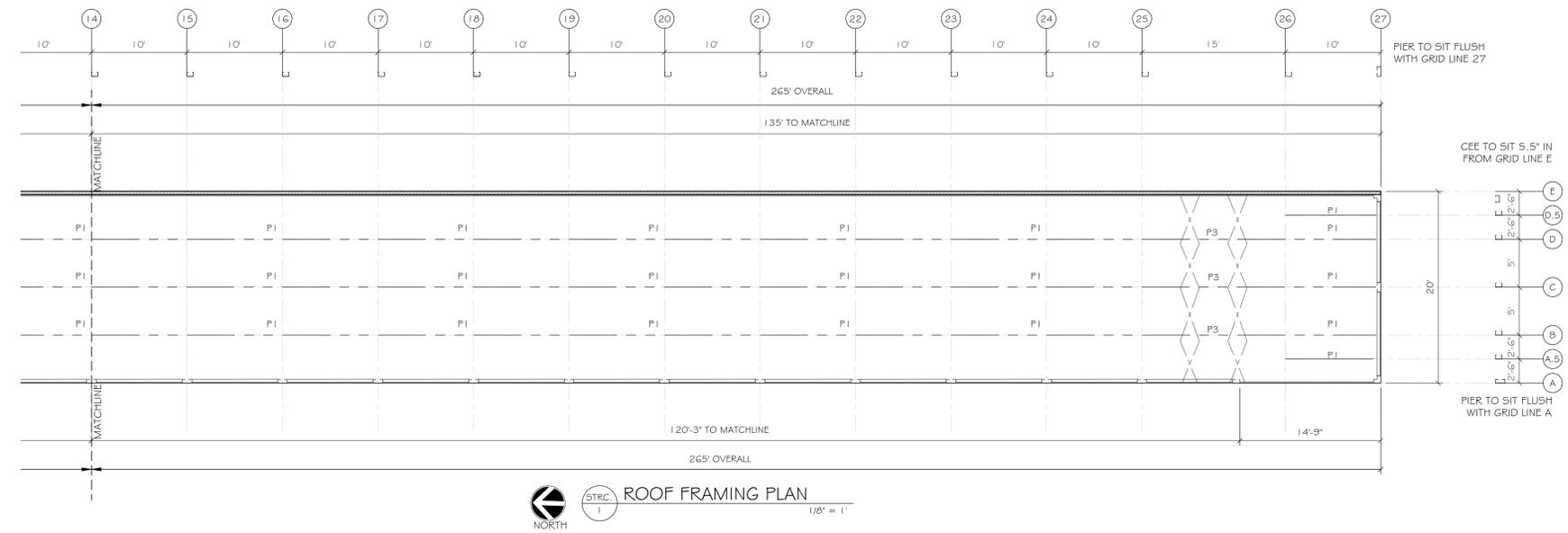
S-1.2

TYPICAL COLUMNS 4 BEAMS UNLESS NOTED OTHERWISE	
COLUMN : MS1	= 4C16 - 4'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS2	= 6C16 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS3	= 6C14 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS4	= 6C12 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
PURLIN : P1	= 4Z16 - 4'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P2	= 6Z16 - 6'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P3	= 6Z12 - 6'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)

LINE KEY	
	CORNER PIER, HEADER, PIER
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND 26GA VERTICAL PANEL EXTERIOR
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	4" BRICK WALL (BY OTHERS)
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING



**STRC. 1**  
ROOF FRAMING PLAN  
1/8" = 1'



**STRC. 1**  
ROOF FRAMING PLAN  
1/8" = 1'

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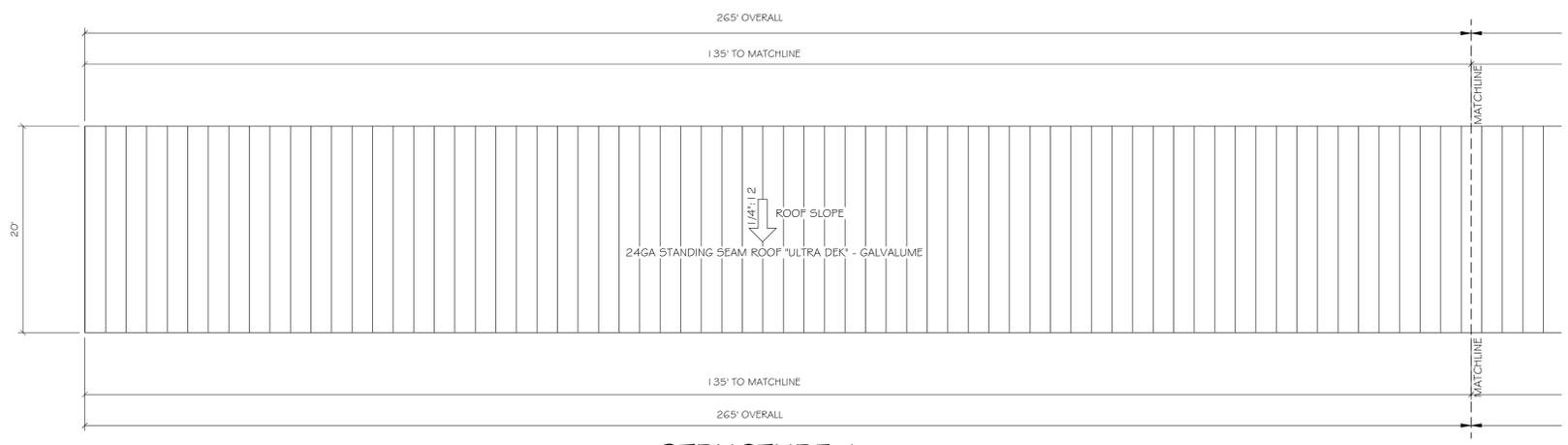
**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**

ENGINEER STAMP

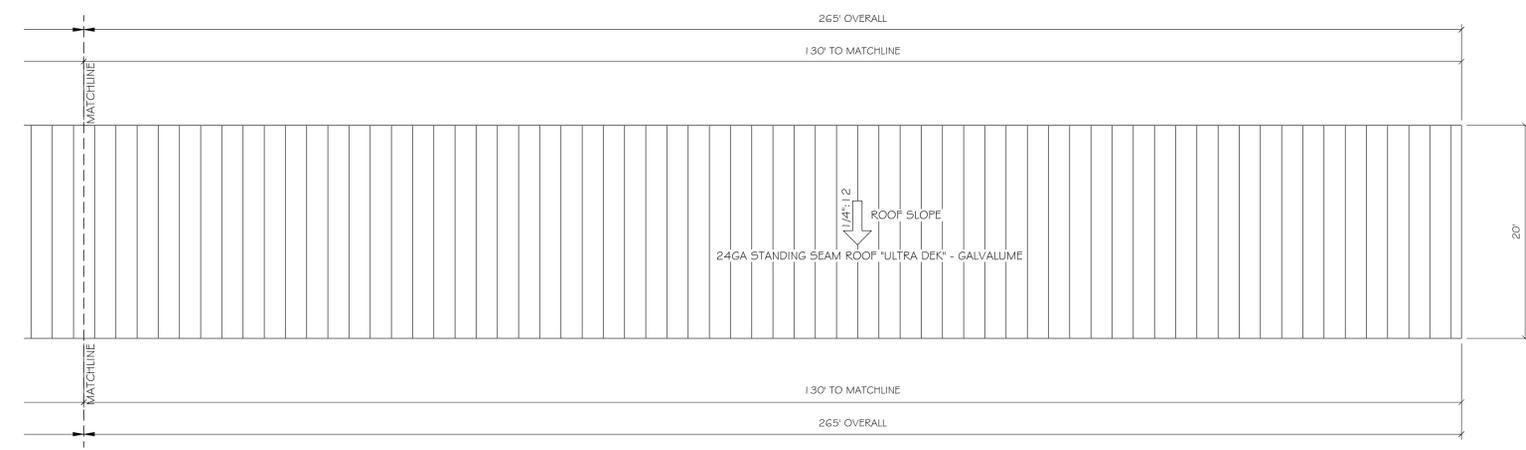
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 (317) 434-1111  
 www.beattiepe.com

SHEET TITLE  
**STRC. 1**  
**ROOF PLANS**  
 DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

S-1.3



**STRUCTURE 1**  
**ROOF PLAN**  
 SCALE: 1/8" = 1'



**STRUCTURE 1**  
**ROOF PLAN**  
 SCALE: 1/8" = 1'

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**MAKORABCO**  
 EAST COAST OFFICE: 1041 CROWN PARK CIRCLE WATER GARDEN FL 34727 PHONE: (800) 989-0230  
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**STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055**

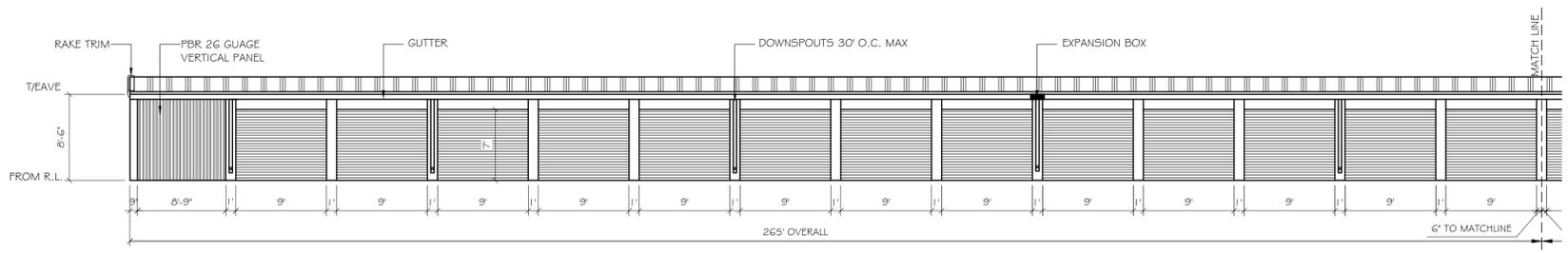
ENGINEER STAMP

ENGINEER  
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 INDIANAPOLIS, IN 46240  
 (317) 552-1111  
 WWW.RMBENGINEERING.COM

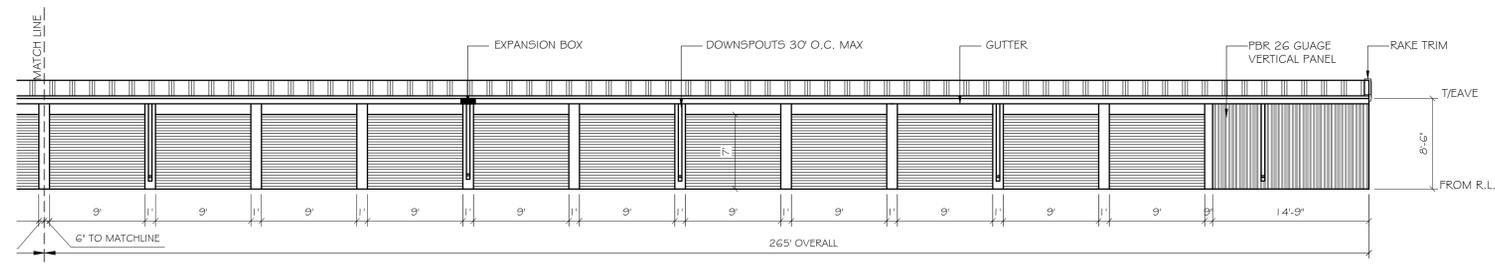
SHEET TITLE  
**STRC. 1**  
 ELEVATIONS & SECTION

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: XXX  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

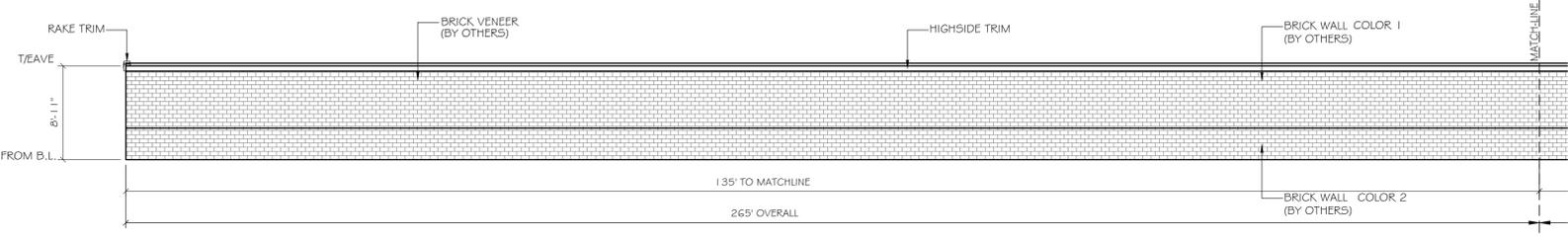
S-1.4



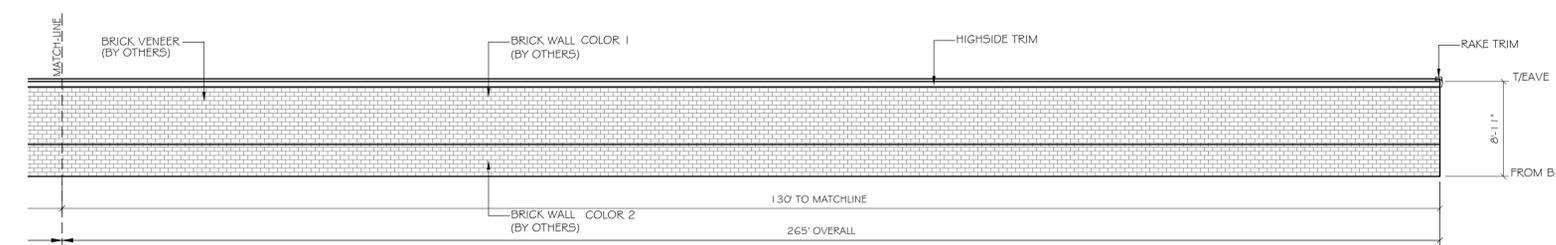
STRC. 1 WEST ELEVATION  
 1/8" = 1'



STRC. 1 WEST ELEVATION  
 1/8" = 1'



STRC. 1 EAST ELEVATION  
 1/8" = 1'



STRC. 1 EAST ELEVATION  
 1/8" = 1'

NOTES:  
 ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT/PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

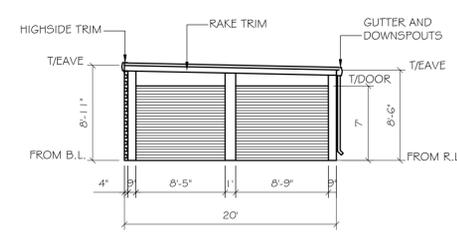
NOTE:  
 GC SHALL COORDINATE ALL TCMU WALL HEIGHTS WITH RABCO ENTERPRISES, LLC PRIOR TO CONSTRUCTION TO ENSURE PROPER FIT OF THE METAL BUILDING COMPONENTS. FAILURE TO GET WRITTEN APPROVAL PRIOR TO ERRECTING THE CMU WALLS MAY RESULT IN NEEDED MODIFICATIONS TO EITHER THE CMU WALL AND/OR THE METAL BUILDING COMPONENTS AT THE G.C.'S EXPENSE.

TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE

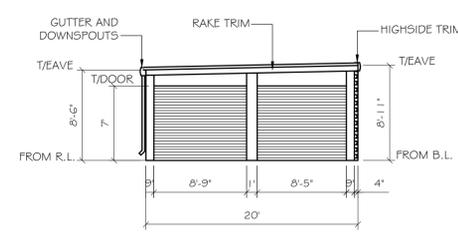
PIER TEX COTE	- 12" X 16ga
CORNER PIER	- 9" X 9" X 16ga
SIDE WALL HEADER	- 18" X 16ga

24ga STANDING SEAM ROOF  
 "ULTRA DEK" - GALVALUME

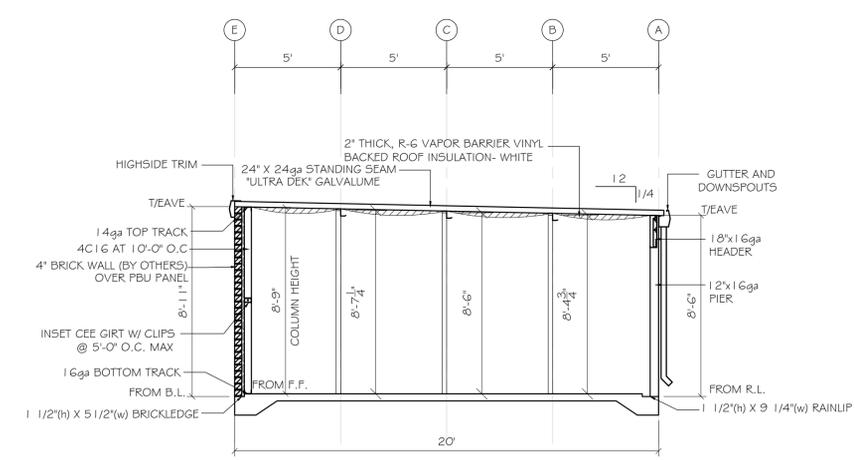
DOWNSPOUTS 30' O.C. MAX.  
 GUTTER EXP. BOX 90' O.C. MAX.



STRC. 1 NORTH ELEVATION  
 1/8" = 1'



STRC. 1 SOUTH ELEVATION  
 1/8" = 1'



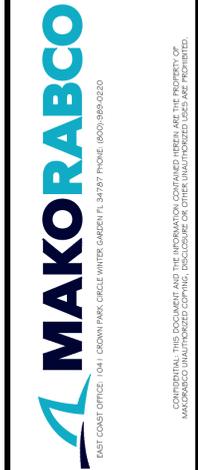
SECTION A-A  
 SCALE: 1/4" = 1'

NOTE:  
 VERTICAL COLUMN DIMENSION IS ACTUAL LENGTH OF CEE FROM F.F. (U.N.O.)

NOTES:  
 1. UNLESS NOTED OTHERWISE ON THE PLANS, THE FOLLOWING OUTLINES STANDARD PARTITION HEIGHTS USED FOR DESIGN PURPOSES.  
 2. NON-CLIMATE CONTROLLED SINGLE STORY BUILDINGS HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 8" OF THE BOTTOM OF THE ROOF DECK.  
 3. CLIMATE CONTROLLED SINGLE STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE ROOF DECK.  
 4. CLIMATE CONTROLLED MULTI-STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE FLOOR/ROOF DECK.  
 5. SHOULD THE PARTITION PANELS NEED TO BE HELD DOWN FURTHER THAN 18" FROM THE BOTTOM OF THE FLOOR/ROOF DECK, THE REQUEST SHALL BE SUBMITTED IN WRITING AND A FORMAL WRITTEN RESPONSE PROVIDED PRIOR TO FABRICATION AND/OR INSTALLATION.



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STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055

ENGINEER STAMP

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WWW.MAKORABCO.COM

SHEET TITLE  
**STRC. 2**  
COLUMN FRAMING  
PLANS

DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: XXX  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

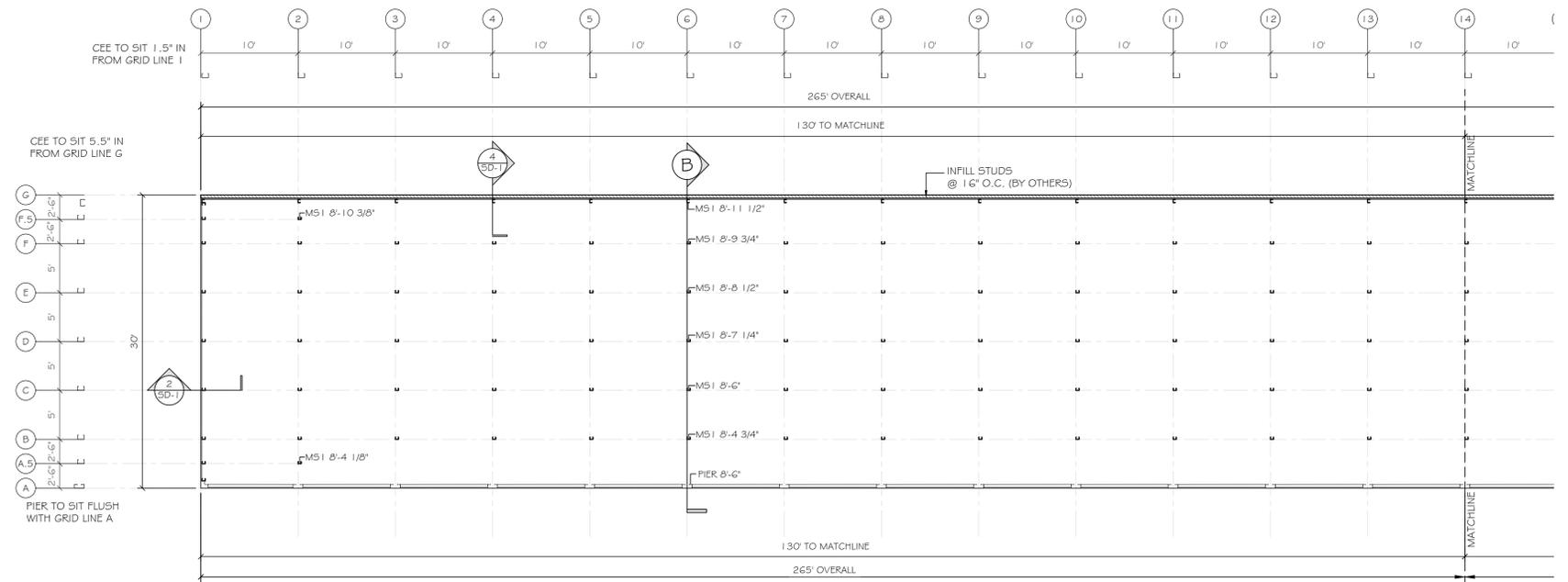
S-2.1

TYPICAL COLUMNS 4 BEAMS UNLESS NOTED OTHERWISE

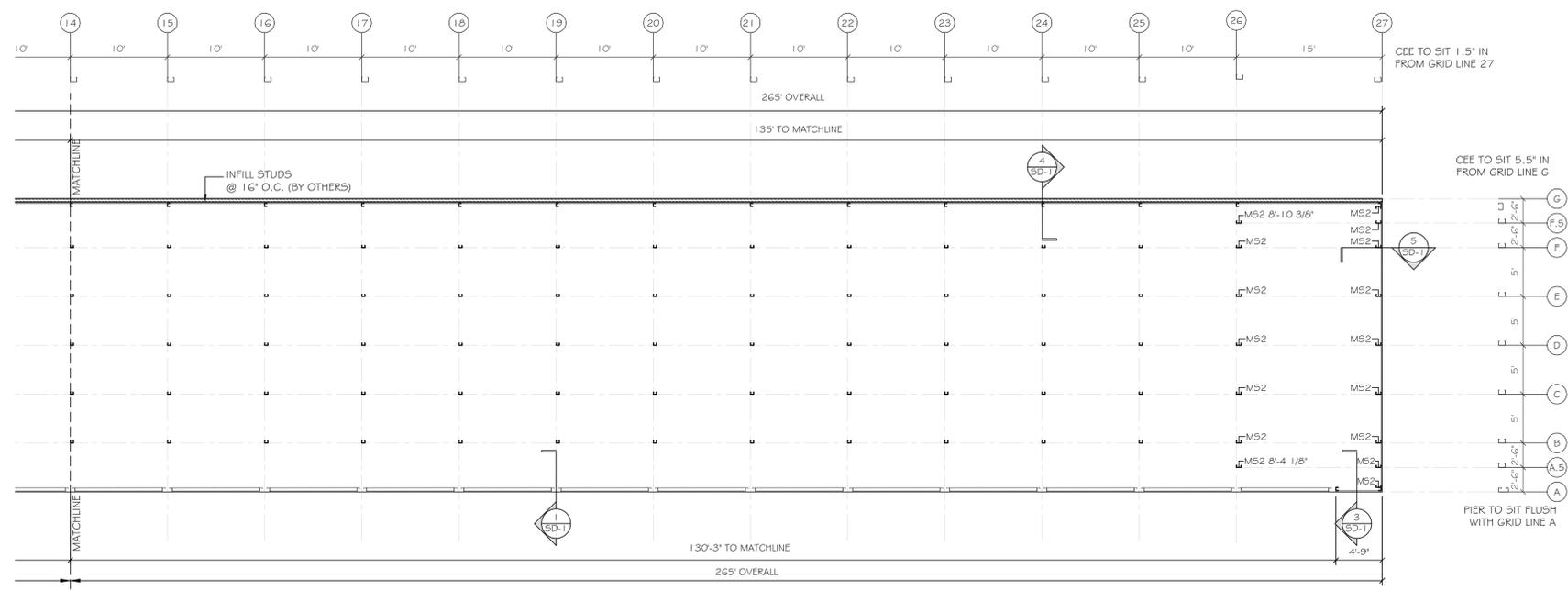
COLUMN : MS1 = 4C16 - 4'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS2 = 6C16 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
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COLUMN : MS4 = 6C12 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
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LINE KEY

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	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	4" BRICK WALL (BY OTHERS)
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING



STRC. 2 COLUMN FRAMING PLAN  
1/8" = 1"  
NORTH



STRC. 2 COLUMN FRAMING PLAN  
1/8" = 1"  
NORTH

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

SINGLE STORY BUILDINGS

**BASE CLIP INSTALLATION**  
1/2"x3" DeWALT SCREW BOLT+ (OR EQUAL) 1 3/4" EFFECTIVE EMBEDMENT

**BASE TRACK INSTALLATION**  
1/2"x3" DeWALT SCREW BOLT+ (OR EQUAL) SPACING 3' O.C. (1 3/4" EFFECTIVE EMBEDMENT)

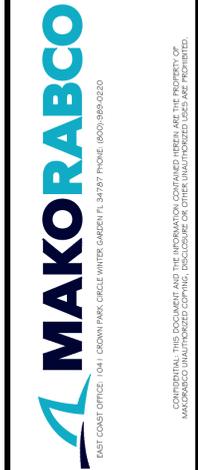
**PIER INSTALLATION**  
1/2"x3" DeWALT SCREW BOLT+ (OR EQUAL) @ EA. PIER (1 3/4" EFFECTIVE EMBEDMENT)

ANCHOR SCHEDULE

FASTENERS AND ANCHORS  
ALL FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS

ANCHOR TYPE	ANCHOR NAME	ICC-ES #	ANCHOR DIA. (IN)	MIN BASE MATERIAL THICKNESS (IN)	(MIN. OR NOM.) / MAX. OR REF. EMBEDMENT (IN.)	MIN ANCHOR SPACING (IN)	MIN EDGE / END DISTANCE (IN)	ALLOWABLE BASE MATERIAL								
								CONC.	LW CONC.	CONC. OVER STEEL DECK	GF CMU	HOLLOW CMU W/ SCREEN TUBES	SOLID BRICK	STEEL		
EPOXY	AC108+GOLD	ESR-2582 [CONC]	1/2" dia.	4" [CONC]	2-3/4" (MIN) / 6" MAX	2-1/2"	2-1/2"	X	X			X				
			3/4" dia.	5-3/4" [CONC]	3-1/2" (MIN) / 9" MAX	3-3/4"	3-3/4"									
			1/2" dia.	8" GF CMU	4" (MIN)	(1) PER CELL	4"									
			3/4" dia.	8" GF CMU	6" (MIN)	(1) PER CELL	4"									
MECHANICAL	POWER STUD +501	ESR-2816 [CONC]	1/2" dia.	4" [CONC]	2-1/2" (NOM) / 2" (EFF)	4-1/2"	6"	X	X	X						
			3/4" dia.	6" [CONC]	4" (NOM) / 2" (EFF)	6"	6"									
			3/8" dia.	8" GF CMU	2-1/2" (MIN)	(1) PER CELL	4"									
			1/2" dia.	8" GF CMU	4-3/4" (MIN)	(1) PER CELL	12"									
			POWER STUD +502	ESR-2502 [CONC]	1/2" dia.	4-1/2" [CONC]	2-1/2" (NOM) / 2" (EFF)	6"	8"	X	X	X				
					3/4" dia.	7" [CONC]	4-1/2" (NOM) / 3-3/4" (EFF)	6"	12"							
	3/8" dia.	2" [CONC OVER STL DECK]			2-3/8" (NOM) / 2" (EFF)	1-1/2"	4"									
	1/2" dia.	2" [CONC OVER STL DECK]			2-1/2" (NOM) / 2" (EFF)	8"	4"									
	SCREW-BOLT+	ESR-3889 [CONC]			1/4" dia.	8" GF [CONC]	2-1/2" (MIN.)	4"	2"							
					1/2" dia.	8" GF [CONC]	3-1/4" (MIN.)	6"	3"							
			3/4" dia.	3" [CONC]	1-5/8" (NOM) / 1.2" (EFF)	1-1/2"	1-1/2"	X	X	X	X		X			
			3/8" dia.	3" [CONC]	2" (NOM) / 1-1/3" (EFF)	2"	1-1/2"									
3/8" dia.			3" [CONC]	2-1/2" (NOM) / 1-3/4" (EFF)	2-3/4"	1-3/4"										
1/2" dia.			3-3/4" [CONC]	4-1/4" (NOM) / 3.08" (EFF)	3"	1-3/4"										
DIRECT FASTEN	CSI SPIRAL DRIVE PINS	ESR-2024 [CMU]	0157.dia	3/16" (STEEL)	FASTENER POINT MUST PENETRATE STEEL MEMBER	1-1/2"	1/2"	X	X	X	X	X	X			
			0157.dia	2-1/4" [CONC]	3/4" (MIN)	4"	3-1/2"									
			0157.dia	3" [CONC]	1" (MIN)	4"	3-1/2"									
			0157.dia	3-3/4" [CONC]	1-1/4" (MIN)	4"	3-1/2"									
			0157.dia	8" GF CMU	1" (MIN)	4"	3-3/4"									
			0157.dia	8" HOLLOW CMU	1" (MIN)	8"	3-3/4"									
			1/2" dia.	8" GF CMU	4-1/4" (MIN)	(1) PER CELL	4"									
			3/4" dia.	8" GF CMU	6-1/4" (MIN)	(1) PER CELL	4"									
			1/2" dia.	2" [CONC OVER STL DECK]	2-1/2" (NOM) / 1-3/4" (EFF)	2-1/2"	2-1/2"									
			3/8" dia.	2" [CONC OVER STL DECK]	2" (NOM) / 1.33" (EFF)	2"	2"									
			1/2" dia.	2" [CONC OVER STL DECK]	2-1/2" (NOM) / 1-3/4" (EFF)	2-1/2"	2-1/2"									

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ENGINEER STAMP

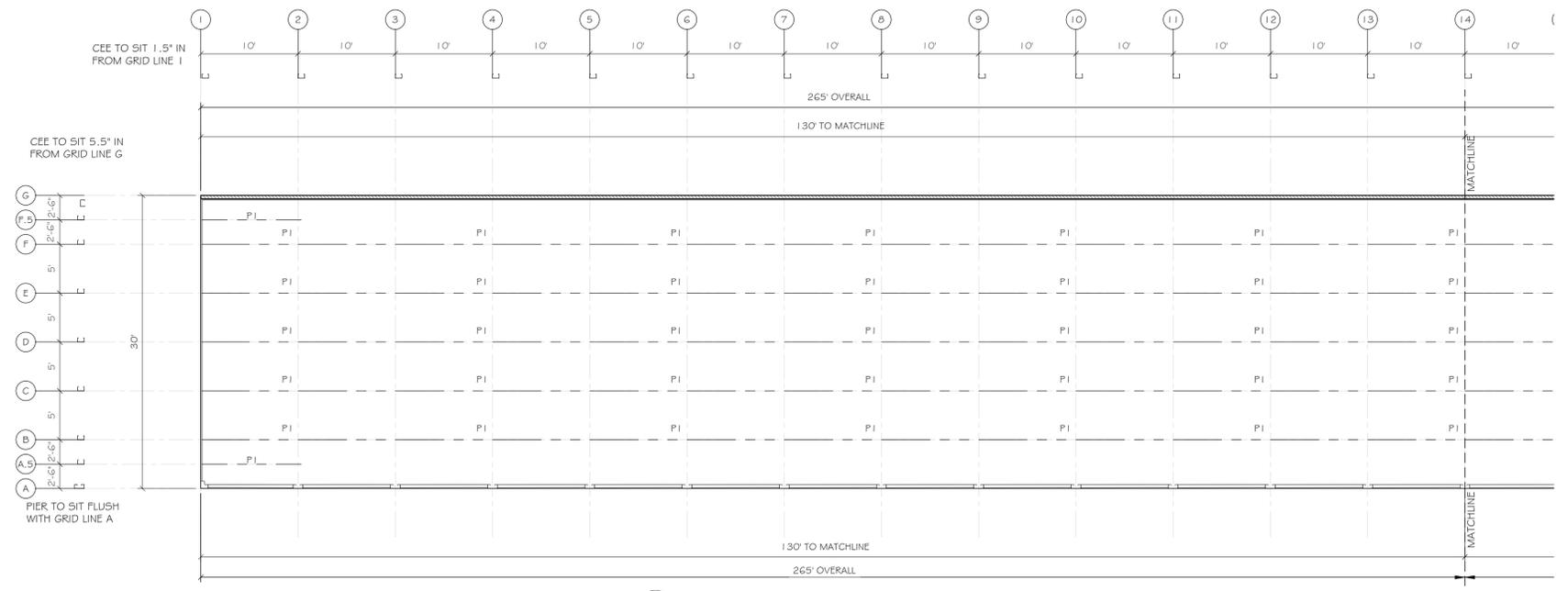
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FAX: (317) 438-1112  
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SYSTEMS WITHOUT THE WRITTEN PERMISSION OF  
MAKORABCO.

SHEET TITLE  
**STRC. 2**  
ROOF FRAMING PLANS  
DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: xxx  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

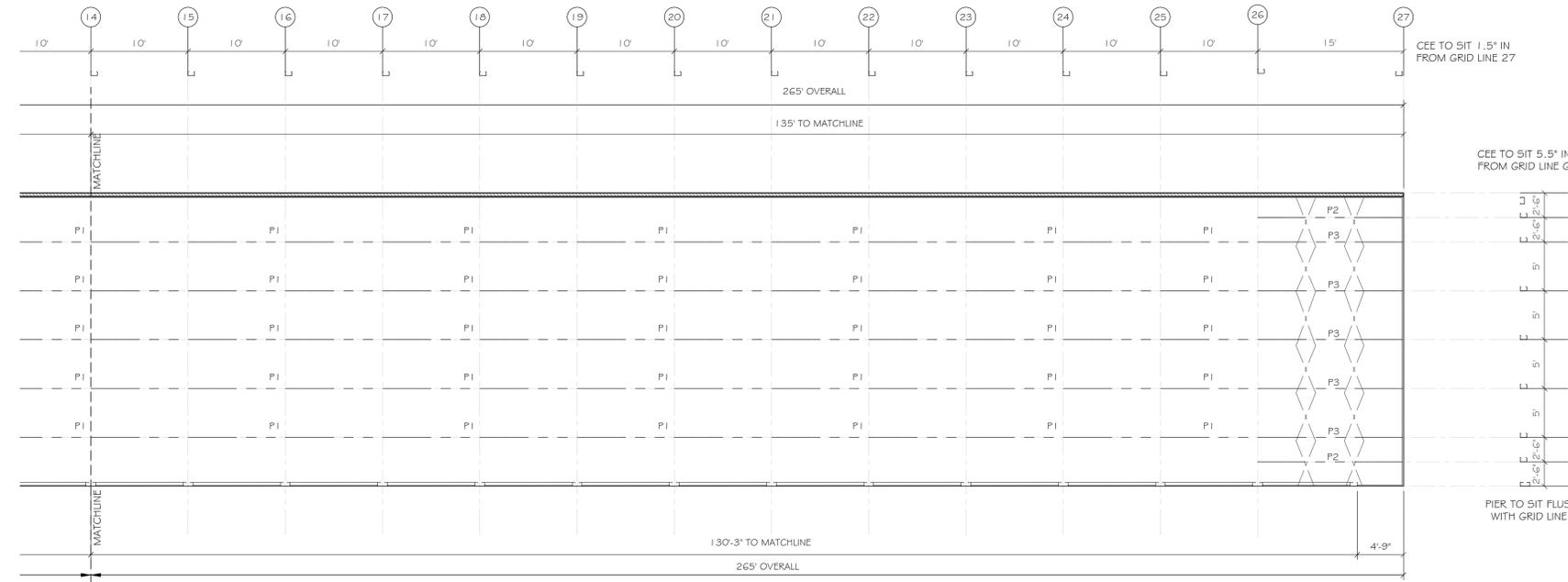
S-2.2

TYPICAL COLUMNS 4 BEAMS UNLESS NOTED OTHERWISE	
COLUMN : MS1 =	4C16 - 4'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS2 =	6C16 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS3 =	6C14 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
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LINE KEY	
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	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	4" BRICK WALL (BY OTHERS)
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE 'U'
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING



**STRC. 2**  
ROOF FRAMING PLAN  
1/8" = 1'  
NORTH



**STRC. 2**  
ROOF FRAMING PLAN  
1/8" = 1'  
NORTH



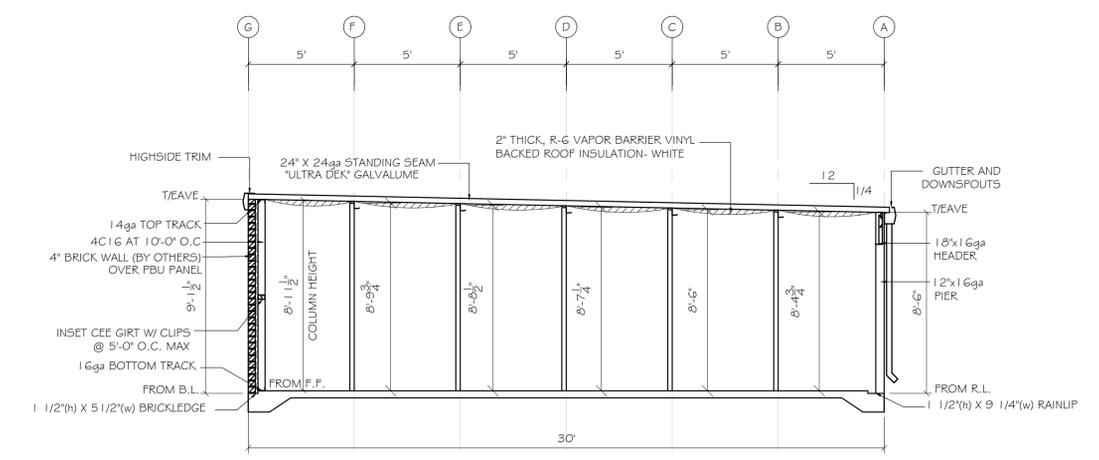
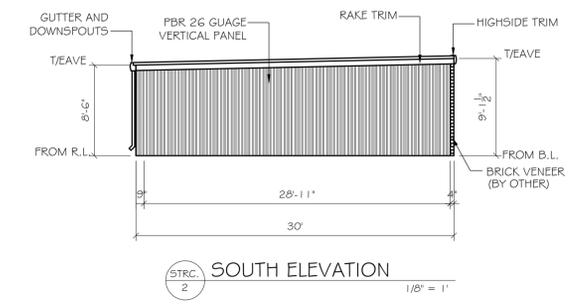
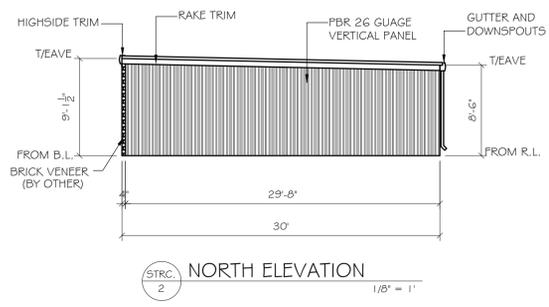
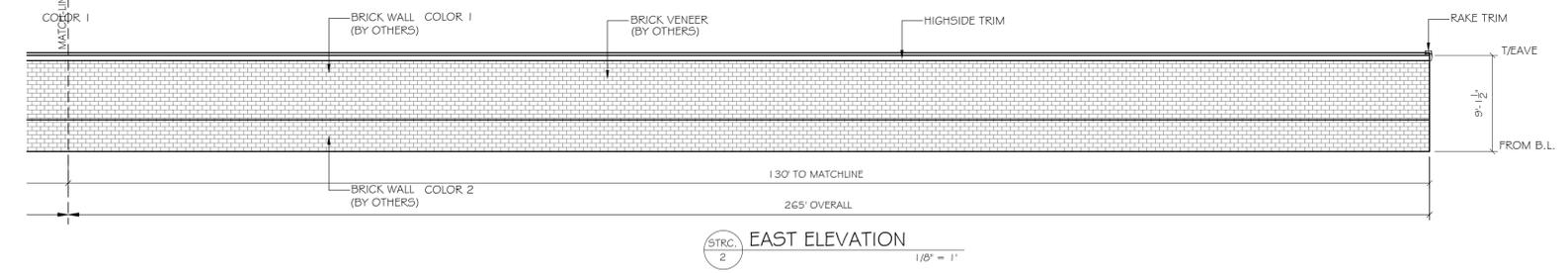
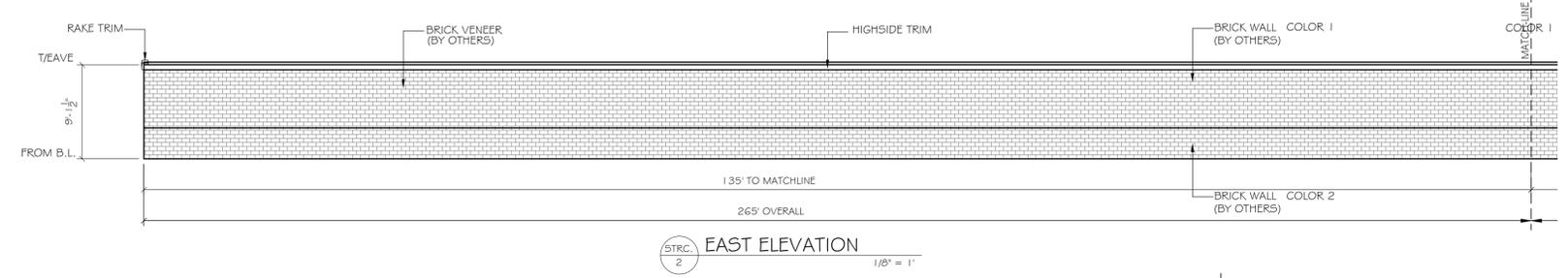
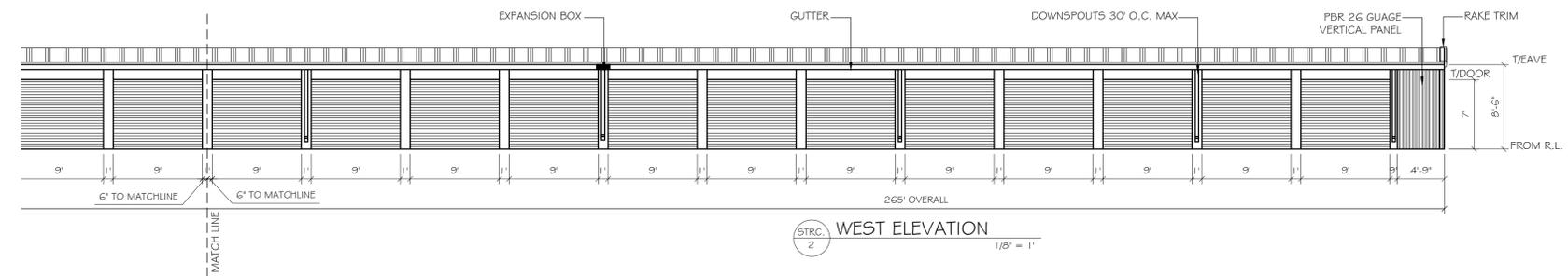
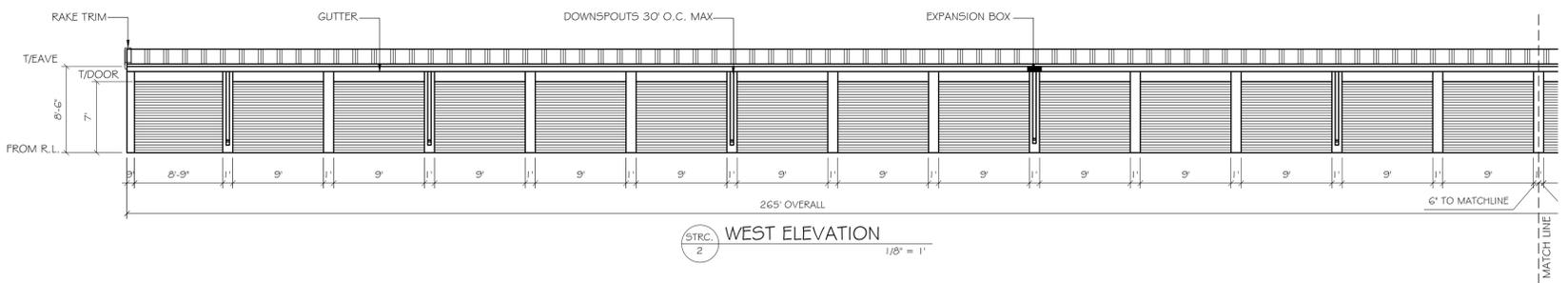
MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FORS	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

**STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
 STATE OF INDIANA LICENSE NO. 12120  
 REGISTERED PROFESSIONAL ENGINEER  
 MECHANICAL, ELECTRICAL, PLUMBING, AND REFRIGERATION  
 10000 N. STATE ST., #1000  
 INDIANAPOLIS, IN 46260  
 (317) 552-1100  
 www.rmbeattie.com

SHEET TITLE  
**STRC. 2**  
**ELEVATIONS & SECTION**  
 DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: XXX  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET



NOTES:  
 ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./ SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT/PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

NOTE:  
 GC SHALL COORDINATE ALL TCMU WALL HEIGHTS WITH RABCO ENTERPRISES, LLC PRIOR TO CONSTRUCTION TO ENSURE PROPER FIT OF THE METAL BUILDING COMPONENTS. FAILURE TO GET WRITTEN APPROVAL PRIOR TO ERRECTING THE CMU WALLS MAY RESULT IN NEEDED MODIFICATIONS TO EITHER THE CMU WALL AND/OR THE METAL BUILDING COMPONENTS AT THE G.C.'S EXPENSE.

TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE	
PIER TEX COTE	- 12" X 16ga
CORNER PIER	- 9" X 9" X 16ga
SIDE WALL HEADER	- 18" X 16ga
24ga STANDING SEAM ROOF "ULTRA DEK" - GALVALUME	
DOWNSPOUTS 30" O.C. MAX. GUTTER EXP. BOX 90" O.C. MAX.	

NOTES:  
 1. UNLESS NOTED OTHERWISE ON THE PLANS, THE FOLLOWING OUTLINES STANDARD PARTITION HEIGHTS USED FOR DESIGN PURPOSES.  
 2. NON-CLIMATE CONTROLLED SINGLE STORY BUILDINGS HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 8" OF THE BOTTOM OF THE ROOF DECK.  
 3. CLIMATE CONTROLLED SINGLE STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE ROOF DECK.  
 4. CLIMATE CONTROLLED MULTI-STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE FLOOR/ROOF DECK.  
 5. SHOULD THE PARTITION PANELS NEED TO BE HELD DOWN FURTHER THAN 18" FROM THE BOTTOM OF THE FLOOR/ROOF DECK, THE REQUEST SHALL BE SUBMITTED IN WRITING AND A FORMAL WRITTEN RESPONSE PROVIDED PRIOR TO FABRICATION AND/OR INSTALLATION.

NOTE:  
 VERTICAL COLUMN DIMENSION IS ACTUAL LENGTH OF CEE FROM F.F. (U.N.O.)

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FORS	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



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**STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
ROBERT M. BEATTIE, PE  
 1000 WEST WASHINGTON STREET, SUITE 200  
 INDIANAPOLIS, IN 46204  
 (317) 434-1111  
 www.rmbeattie.com

SHEET TITLE  
**STRC. 3  
PARTITION PLAN**  
 DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

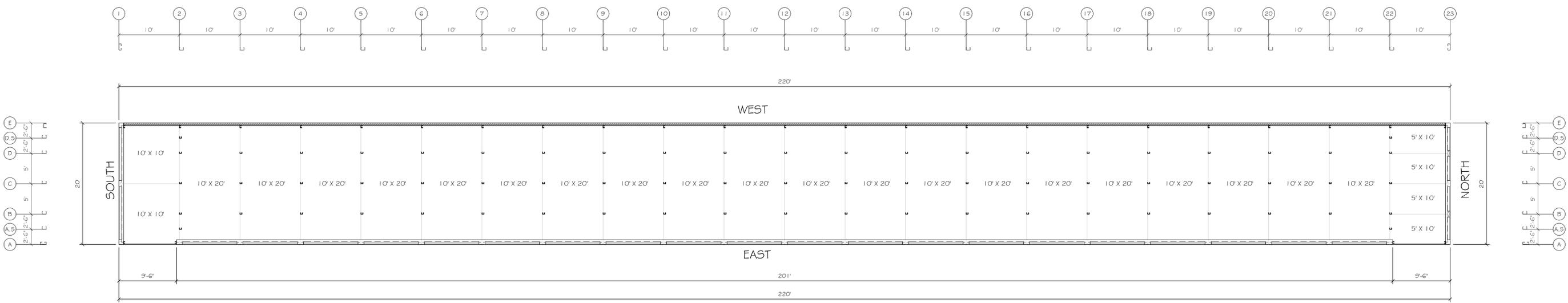
S-3.0

**PIER 4 HEADER FINISHES:**  
 GALVANNEAL PIER 4 HEADERS REQUIRING FIELD PAINTING.  
 • VERIFY PAINT COLOR WITH COLOR REQ'D IN LABOR CONTRACT.  
 • CAULK PIERS TO HEADERS AND HEADERS TO HEADERS IF STACKED.  
 • PRIME ALL EXPOSED SURFACES OF PIERS 4 HEADERS.  
 • PAINT ALL EXPOSED SURFACES OF PIERS 4 HEADERS WITH PAINT SPECIFIED IN LABOR CONTRACT EVENLY SO PRIMER CAN NOT BE SEEN THROUGH TOP COAT.  
 • IF TEXTURED, ROLL OUT TO ACHIEVE AND SAND FINISH STUCCO LIKE LOOK.

**LINE KEY**

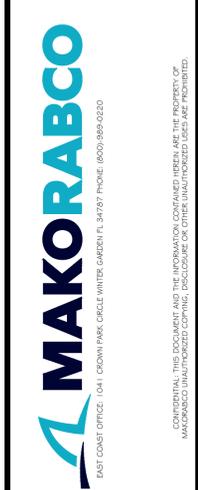
	FBR, 26GA VERTICAL PERIMETER WALL PANEL
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE 'U'

**NOTE:**  
 GC/CUSTOMER TO PROVIDE DISTANCE TO HOLD DOWN PARTITIONS FROM BOTTOM OF ROOF DECK BEFORE ANY MATERIALS CAN BE ORDERED.



**STRC. 3 PARTITION PLAN**  
 1/8" = 1'  
 NORTH

NO.	BY	ISSUE	DATE
1	FORS	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



**STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055**

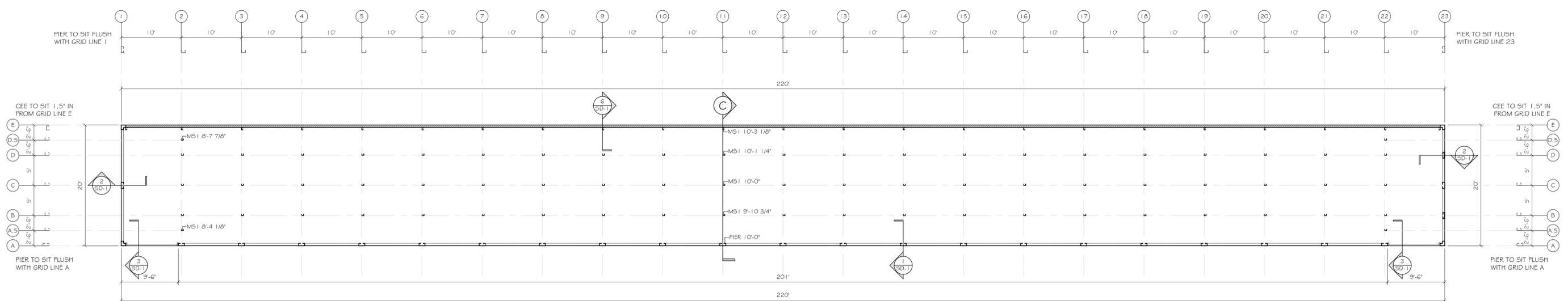
ENGINEER STAMP

**ENGINEER**  
ROBERT M. BEATTIE, PE  
PROFESSIONAL ENGINEER  
STATE OF INDIANA  
LICENSE NO. 12573  
ISSUED 08/15/2017  
RENEWED 08/15/2023  
EXPIRES 08/15/2026  
OFFICE: 1041 KRONA PARK, CIRCLE WATER GARDEN, FL 34727  
PHONE: (800) 999-0220  
WWW.MAKORABCO.COM

**SHEET TITLE**  
**STRC. 3**  
**COLUMN FRAMING PLAN**

DATE: 09-21-23  
DRAWN BY: FOR S  
CHECKED BY: XXX  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

S-3.1



**COLUMN FRAMING PLAN**  
1/8" = 1'

LINE KEY	
	CORNER PIER, HEADER, PIER
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND 26GA VERTICAL PANEL EXTERIOR
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	4" BRICK WALL (BY OTHERS)
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING

TYPICAL COLUMNS & BEAMS UNLESS NOTED OTHERWISE	
COLUMN : MS1 = 4C16 - 4'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)	
COLUMN : MS2 = 6C16 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)	
COLUMN : MS3 = 6C14 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)	
COLUMN : MS4 = 6C12 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)	
PURLIN : P1 = 4Z16 - 4'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)	
PURLIN : P2 = 6Z16 - 6'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)	
PURLIN : P3 = 6Z12 - 6'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)	

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE	
SINGLE STORY BUILDINGS	
BASE CLIP INSTALLATION 1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) 1 3/4" EFFECTIVE EMBEDMENT	
BASE TRACK INSTALLATION 1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) SPACING 3' O.C. (1 3/4" EFFECTIVE EMBEDMENT)	
PIER INSTALLATION 1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) @ EA. PIER (1 3/4" EFFECTIVE EMBEDMENT)	

ANCHOR SCHEDULE		FASTENERS AND ANCHORS ALL FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS													
BRAND: DeWALT (OR EQUAL)		ALLOWABLE BASE MATERIAL													
ANCHOR TYPE	ANCHOR NAME	ICC-ES #	ANCHOR DIA. (IN)	MIN. BASE MATERIAL THICKNESS (IN)	(MIN. OR NOM.) / MAX. OR REF.) EMBEDMENT (IN.)	MIN. ANCHOR SPACING (IN)	MIN. EDGE / END DISTANCE (IN)	CONC.	LW CONC.	CONC. OVER STEEL DECK	GF CMU	HOLLOW CMU W/ SCREEN TUBES	SOLID BRICK	STEEL	
EPOXY	AC108+GOLD	ESR-2582 [CONC]	1/2" dia.	4" [CONC]	2-3/4"(MIN) / 6" MAX	2-1/2"	2-1/2"	X	X			X	X		
			3/4" dia.	5-3/4" [CONC]	3-1/2"(MIN) / 9" MAX	3-3/4"	3-3/4"								
			1/2" dia. [CMU]	6" GF CMU	4" (MIN)	(1) PER CELL	4"								
MECHANICAL	POWER STUD +501	ESR-2818 [CONC]	1/2" dia.	4" [CONC]	2-1/2"(NOM) / 2" (EFF)	4-1/2"	6"	X	X	X					
			3/4" dia.	6" [CONC]	4"(NOM) / 2" (EFF)	6"	6"								
			ESR-2966 [CONC]	3/8" dia.	8" GF CMU	2-1/2"(MIN)	(1) PER CELL	4"							
MECHANICAL	POWER STUD +502	ESR-2502 [CONC]	1/2" dia.	4-1/2" [CONC]	2-1/2"(NOM) / 2" (EFF)	6"	8"	X	X	X					
			3/4" dia.	7" [CONC]	4-1/2"(NOM) / 3-3/4" (EFF)	6"	12"								
			3/8" dia.	2" [CONC OVER STL DECK]	2-3/8"(NOM) / 2" (EFF)	1-1/2"	4"								
SCREW-BOLT+	ESR-3889 [CONC]	ESR-3889 [CONC]	1/4" dia.	8" GF [CONC]	2-1/2" (MIN.)	4"	2"								
			1/2" dia.	8" GF [CONC]	3-1/4" (MIN.)	6"	3"								
			1/2" dia.	3" [CONC]	1-5/8"(NOM) / 1.2" (EFF)	1-1/2"	1-1/2"	X	X	X	X			X	
			3/4" dia.	3" [CONC]	2"(NOM) / 1-1/3" (EFF)	2"	1-1/2"								
			3/8" dia.	3" [CONC]	2-1/2"(NOM) / 1-3/4" (EFF)	2-3/4"	1-3/4"								
			1/2" dia.	3-3/4" [CONC]	4-1/4"(NOM) / 3.08" (EFF)	3"	1-3/4"								
			1/4" dia.	2" [CONC OVER STL DECK]	1-5/8"(NOM) / 1.2" (EFF)	1-1/2"	1-1/2"								
			3/8" dia.	2" [CONC OVER STL DECK]	2"(NOM) / 1.33" (EFF)	2"	2"								
			1/2" dia.	2" [CONC OVER STL DECK]	2-1/2"(NOM) / 1-3/4" (EFF)	2-1/2"	2-1/2"								
			ESR-4042 [CMU]	1/2" dia.	8" GF CMU	4-1/4"(MIN)	(1) PER CELL	4"							
DIRECT FASTEN	CSH SPIRAL DRIVE PWS	ESR-2024	0157.dia	3/16" (STEEL)	FASTENER POINT MUST PENETRATE STEEL MEMBER	1-1/2"	1/2"	X	X	X	X	X	X	X	
			0157.dia	2-1/4" [CONC]	3/4"(MIN)	4"	3-1/2"								
			0157.dia	3" [CONC]	1"(MIN)	4"	3-1/2"								
			0157.dia	3-3/4" [CONC]	1-1/4"(MIN)	4"	3-1/2"								
			0157.dia	8" GF CMU	1"(MIN)	4"	3-3/4"								

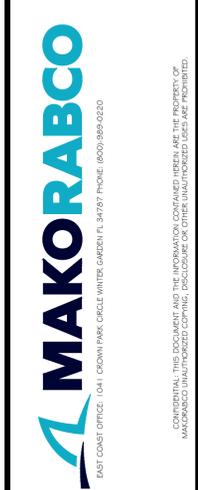
S-3.1







MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



**STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
MEMBER OF THE PROFESSIONAL ENGINEERS OF THE STATE OF INDIANA  
LICENSE NO. 12573  
EXPIRES 12/31/2025  
OFFICE: 1041 CROWN PARK CIRCLE WATER GARDEN FL 34727 PHONE: (800) 989-0230  
FAX: (800) 989-0230  
WWW.MAKORABCO.COM

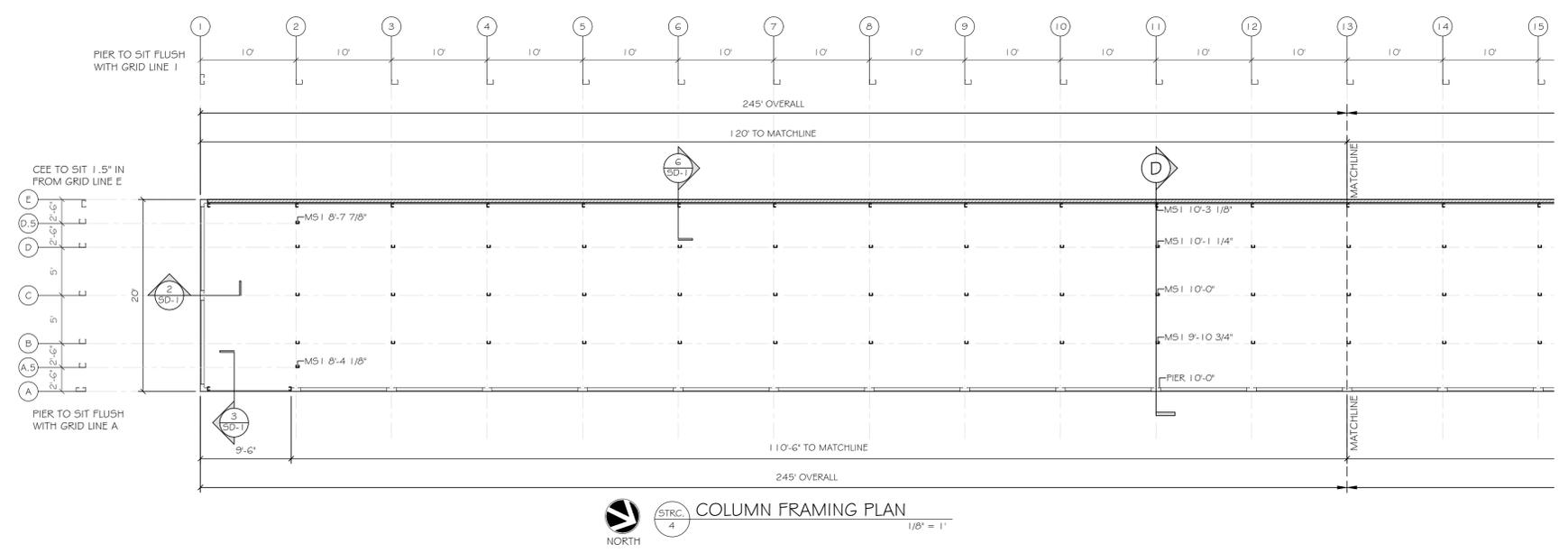
SHEET TITLE  
**STRC. 4  
COLUMN FRAMING PLAN**

DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: XXX  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

**S-4.1**

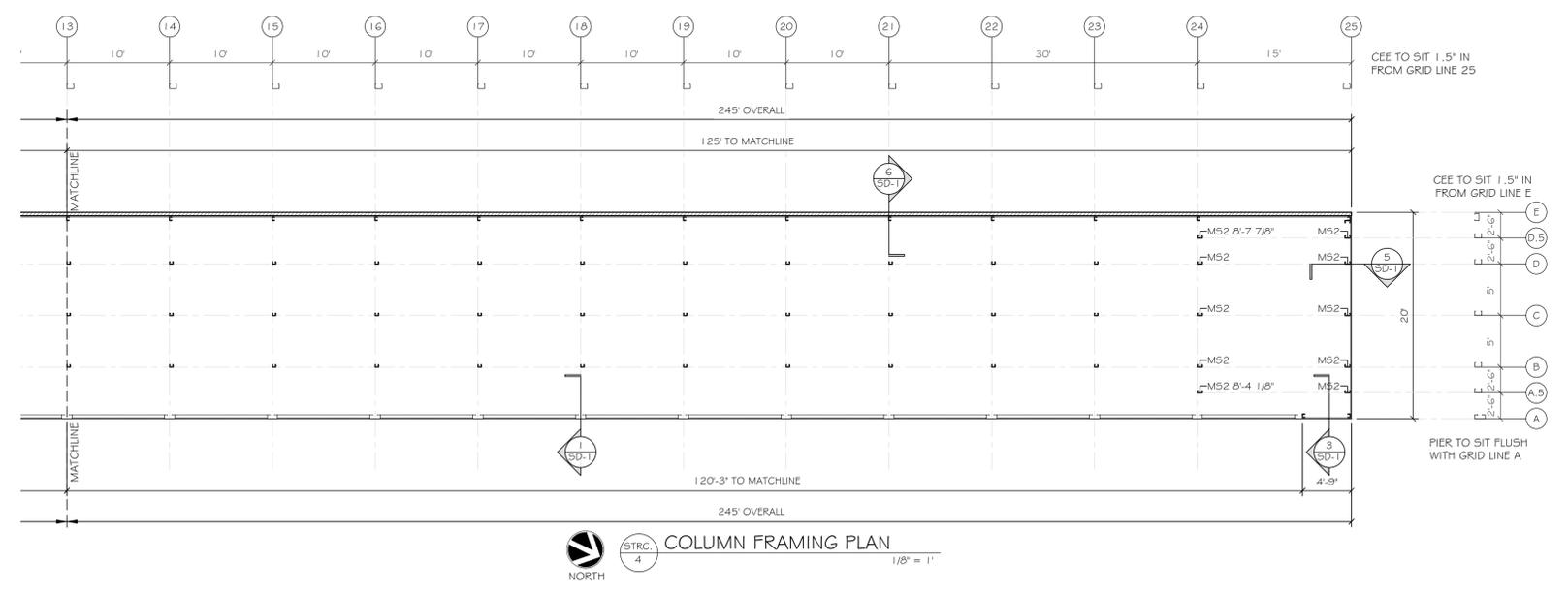
TYPICAL COLUMNS 4 BEAMS UNLESS NOTED OTHERWISE	
COLUMN : MS1	= 4C16 - 4'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS2	= 6C16 - 6'X2 1/2" X 1 GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS3	= 6C14 - 6'X2 1/2" X 1 4GA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS4	= 6C12 - 6'X2 1/2" X 1 2GA CEE PRIME PAINTED (RED OXIDE)
PURLIN : P1	= 4Z16 - 4'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P2	= 6Z16 - 6'X2 1/2" X 1 GGA ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P3	= 6Z12 - 6'X2 1/2" X 1 2GA ZEE PRIME PAINTED (RED OXIDE)

LINE KEY	
	CORNER PIER, HEADER, PIER
	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND 26GA VERTICAL PANEL EXTERIOR
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	4" BRICK WALL (BY OTHERS)
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING



ANCHOR SCHEDULE UNLESS NOTED OTHERWISE	
SINGLE STORY BUILDINGS	
BASE CLIP INSTALLATION	
1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) 1 3/4" EFFECTIVE EMBEDMENT	
BASE TRACK INSTALLATION	
1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) SPACING 3' O.C. (1 3/4" EFFECTIVE EMBEDMENT)	
PIER INSTALLATION	
1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) @ EA. PIER (1 3/4" EFFECTIVE EMBEDMENT)	

ANCHOR SCHEDULE		FASTENERS AND ANCHORS ALL FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS												
BRAND: DeWALT (OR EQUAL)		ALLOWABLE BASE MATERIAL												
ANCHOR TYPE	ANCHOR NAME	ICC-ES #	ANCHOR DIA. (IN)	MIN. BASE MATERIAL THICKNESS (IN)	(MIN. OR NOM.) / MAX. OR REF. EMBEDMENT (IN.)	MIN. ANCHOR SPACING (IN)	MIN. EDGE / END DISTANCE (IN)	CONC.	LIV. CONC.	CONC. OVER STEEL DECK	G.F. CMU	HOLLOW CMU W/ SCREEN TUBES	SOLID BRICK	STEEL
EPOXY	AC108+GOLD	ESR-2582 [CONC]	1/2" dia.	4" [CONC]	2-3/4"(MIN) / 6" MAX	2-1/2"	2-1/2"	X	X		X			
		ESR-3200 [CMU]	1/2" dia.	5-3/4" [CONC]	3-1/2"(MIN) / 9" MAX	3-3/4"	3-3/4"							
		ESR-2966 [CONC]	3/4" dia.	8" G.F. CMU	4" (MIN)	(1) PER CELL	4"							
MECHANICAL	POWER STUD +SD1	ESR-2816 [CONC]	1/2" dia.	4" [CONC]	2-1/2"(NOM) / 2" (EFF)	4-1/2"	6"	X	X	X				
		ESR-2966 [CONC]	3/8" dia.	8" G.F. CMU	2-1/2"(MIN)	(1) PER CELL	4"							
		ESR-2966 [CONC]	1/2" dia.	8" G.F. CMU	4-3/4"(MIN)	(1) PER CELL	12"							
		ESR-2502 [CONC]	1/2" dia.	4-1/2" [CONC]	2-1/2"(NOM) / 2" (EFF)	6"	8"	X	X	X				
		ESR-2502 [CONC]	3/4" dia.	7" [CONC]	4-1/2"(NOM) / 3-3/4" (EFF)	6"	12"							
	SCREW-BOLT+	ESR-3089 [CONC]	1/4" dia.	8" G.F. [CONC]	2-1/2" (MIN.)	4"	2"							
		ESR-3089 [CONC]	1/2" dia.	8" G.F. [CONC]	3-1/4" (MIN.)	6"	3"							
		ESR-3089 [CONC]	1/2" dia.	3" [CONC]	1-5/8"(NOM) / 1-2" (EFF)	1-1/2"	1-1/2"	X	X	X	X			X
		ESR-3089 [CONC]	3/4" dia.	3" [CONC]	2"(NOM) / 1-1/2" (EFF)	2"	1-1/2"							
		ESR-3089 [CONC]	3/8" dia.	3" [CONC]	2-1/2"(NOM) / 1-3/4" (EFF)	2-3/4"	1-3/4"							
DIRECT FASTEN	CSI SPIRAL DRIVE PINS	ESR-4042 [CMU]	1/2" dia.	8" G.F. CMU	4-1/4"(MIN)	(1) PER CELL	4"							
		ESR-2024 [CMU]	0.157 dia.	3/16" (STEEL)	FASTENER POINT MUST PENETRATE STEEL MEMBER	1-1/2"	1/2"	X	X	X	X	X	X	X
		ESR-2024 [CMU]	0.157 dia.	2-1/4" [CONC]	3/4" (MIN)	4"	3-1/2"							
		ESR-2024 [CMU]	0.157 dia.	3" [CONC]	1" (MIN)	4"	3-1/2"							
		ESR-2024 [CMU]	0.157 dia.	3-3/4" [CONC]	1-1/4" (MIN)	4"	3-1/2"							
		ESR-2024 [CMU]	0.157 dia.	8" G.F. CMU	1" (MIN)	4"	3-3/4"							
		ESR-2024 [CMU]	0.157 dia.	8" HOLLOW CMU	1" (MIN)	8"	3-3/4"							
		ESR-2024 [CMU]	0.157 dia.	8" HOLLOW CMU	1" (MIN)	8"	3-3/4"							
		ESR-2024 [CMU]	0.157 dia.	8" HOLLOW CMU	1" (MIN)	8"	3-3/4"							
		ESR-2024 [CMU]	0.157 dia.	8" HOLLOW CMU	1" (MIN)	8"	3-3/4"							





MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

**MAKORABCO**  
 EAST COAST OFFICE: 1041 CROWN PARK CIRCLE WATER GARDEN, FL 34707 PHONE: (800) 989-0220

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**STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055**

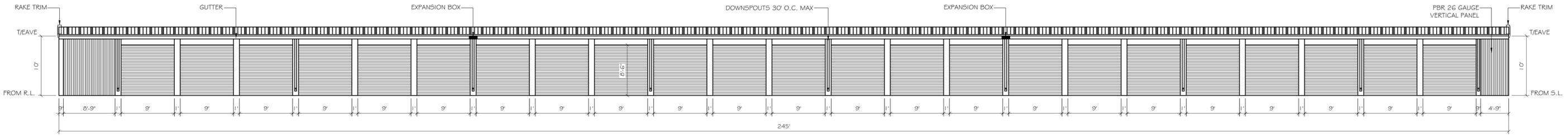
ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
 STATE OF INDIANA LICENSE NO. 12123  
 PROFESSIONAL SEAL

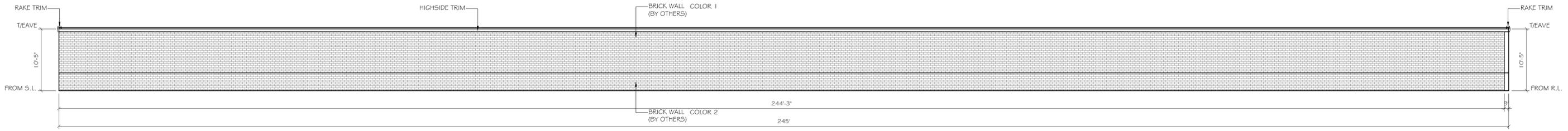
SHEET TITLE  
**STRC. 4**  
 ELEVATIONS & SECTION

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: XXX  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

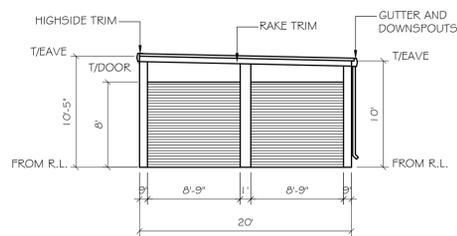
**S-4.3**



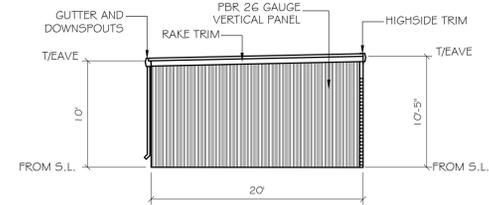
**STRC. 4 EAST ELEVATION**  
 1/8" = 1"



**STRC. 4 WEST ELEVATION**  
 1/8" = 1"



**STRC. 4 SOUTH ELEVATION**  
 1/8" = 1"



**STRC. 4 NORTH ELEVATION**  
 1/8" = 1"

**NOTES:**  
 ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT/PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

**NOTE:**  
 GC SHALL COORDINATE ALL T/CMU WALL HEIGHTS WITH RABCO ENTERPRISES, LLC PRIOR TO CONSTRUCTION TO ENSURE PROPER FIT OF THE METAL BUILDING COMPONENTS. FAILURE TO GET WRITTEN APPROVAL PRIOR TO ERRECTING THE CMU WALLS MAY RESULT IN NEEDED MODIFICATIONS TO EITHER THE CMU WALL AND/OR THE METAL BUILDING COMPONENTS AT THE G.C.'S EXPENSE.

TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE

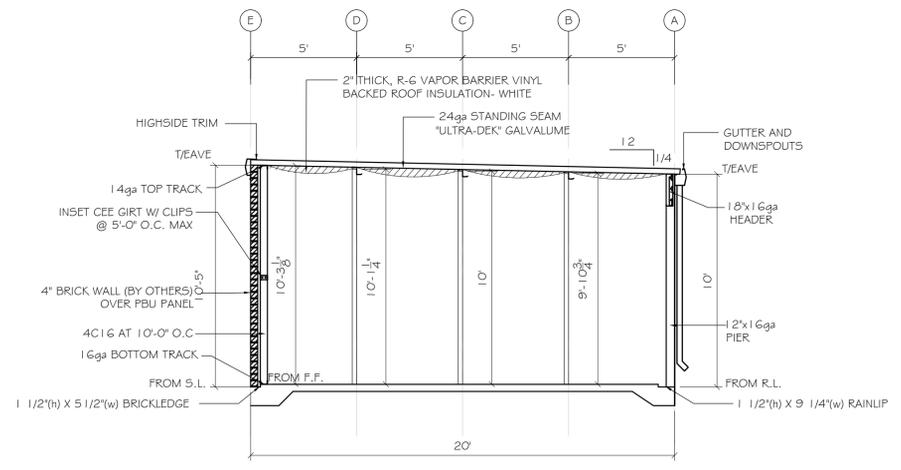
PIER TEX COTE	- 12' X 16ga
CORNER PIER	- 9' X 9' X 16ga
SIDE WALL HEADER	- 18' X 16ga

24ga STANDING SEAM ROOF  
 \*ULTRA DEK\* - GALVALUME

DOWNSPOUTS 30' O.C. MAX.  
 GUTTER EXP. BOX 90' O.C. MAX.

**NOTES:**

- UNLESS NOTED OTHERWISE ON THE PLANS, THE FOLLOWING OUTLINES STANDARD PARTITION HEIGHTS USED FOR DESIGN PURPOSES.
- NON-CLIMATE CONTROLLED SINGLE STORY BUILDINGS HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 8" OF THE BOTTOM OF THE ROOF DECK.
- CLIMATE CONTROLLED SINGLE STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE ROOF DECK.
- CLIMATE CONTROLLED MULTI-STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE FLOOR/ROOF DECK.
- SHOULD THE PARTITION PANELS NEED TO BE HELD DOWN FURTHER THAN 18" FROM THE BOTTOM OF THE FLOOR/ROOF DECK, THE REQUEST SHALL BE SUBMITTED IN WRITING AND A FORMAL WRITTEN RESPONSE PROVIDED PRIOR TO FABRICATION AND/OR INSTALLATION.



**SECTION D-D**  
 SCALE: 1/4" = 1"

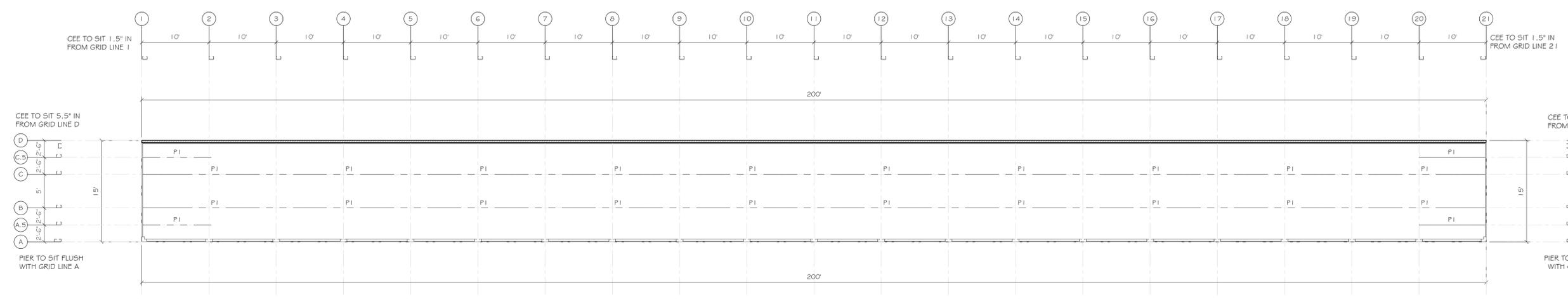
**NOTE:**  
 VERTICAL COLUMN DIMENSION IS ACTUAL LENGTH OF CEE FROM F.F. (U.N.O.)



MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

**MAKORABCO**  
 EAST COAST OFFICE: 1041 CROWN PARK, CIRCLE WATER GARDEN FL 34727 PHONE: (800) 999-0220

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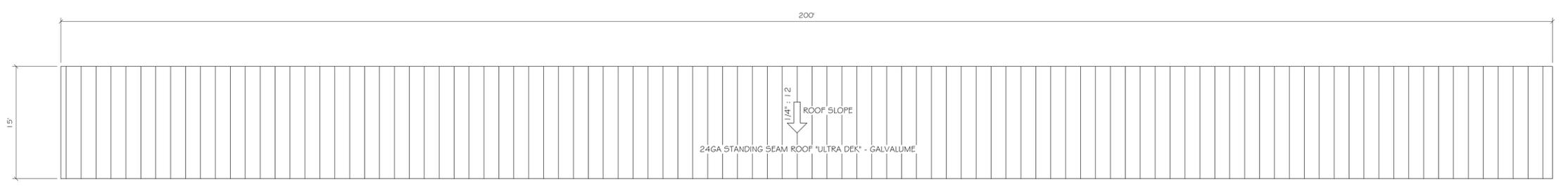
**STRC. 5** ROOF FRAMING PLAN  
 1/8" = 1'

TYPICAL COLUMNS & BEAMS UNLESS NOTED OTHERWISE

COLUMN : MS1 = 4C16 - 4X2 1/2" X 16GA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS2 = 6C16 - 6X2 1/2" X 16GA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS3 = 6C14 - 6X2 1/2" X 14GA CEE PRIME PAINTED (RED OXIDE)
COLUMN : MS4 = 6C12 - 6X2 1/2" X 12GA CEE PRIME PAINTED (RED OXIDE)
FURLIN : P1 = 4Z16 - 4X2 1/2" X 16GA ZEE PRIME PAINTED (RED OXIDE)
FURLIN : P2 = 6Z16 - 6X2 1/2" X 16GA ZEE PRIME PAINTED (RED OXIDE)
FURLIN : P3 = 6Z12 - 6X2 1/2" X 12GA ZEE PRIME PAINTED (RED OXIDE)

LINE KEY

	CORNER PIER, HEADER, PIER
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING



**STRUCTURE 5**  
 ROOF PLAN  
 SCALE: 1/8" = 1'

**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
ROBERT M. BEATTIE, PE  
 1000 WEST WASHINGTON STREET, SUITE 200  
 MARIETTA, GA 30067  
 (770) 426-2777  
 www.rmbeattie.com

SHEET TITLE  
**STRC. 5**  
 ROOF FRAMING PLAN &  
 ROOF PLAN

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

S-5.1

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

**MAKORABCO**  
 EAST COAST OFFICE: 1041 CROWN PINE CIRCLE WATER GARDEN FL 34727 PHONE: (800) 989-0220

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**STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055**

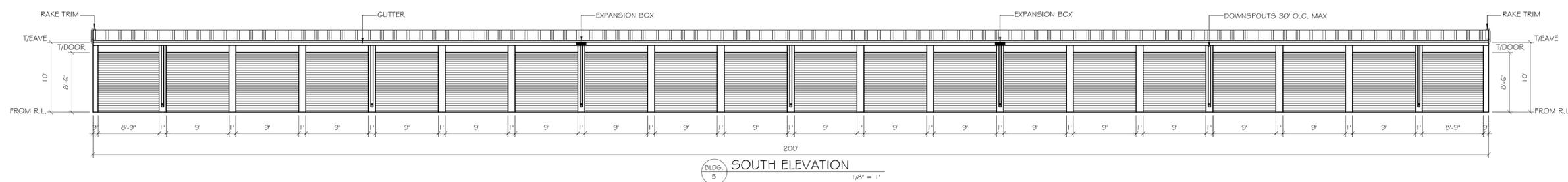
ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
MEMBER IN GOOD STANDING - LICENSE NO. 12345  
 STATE OF INDIANA - EXPIRES 12/31/2026  
 ADDRESS: 1000 N. WASHINGTON ST., SUITE 200, MARIETTA, IN 47556  
 PHONE: (317) 438-1234  
 FAX: (317) 438-5678  
 E-MAIL: RBEATTIE@MAKORABCO.COM

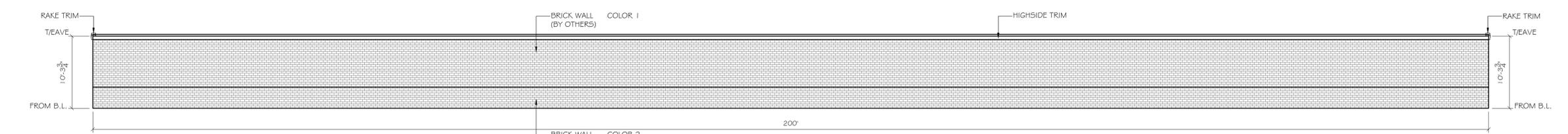
SHEET TITLE  
**STRC. 5**  
**ELEVATIONS & SECTION**

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: XXX  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

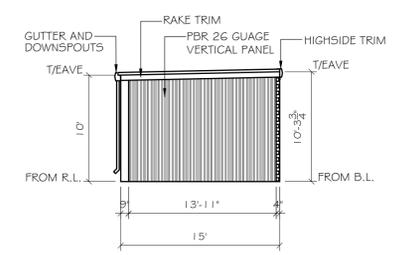
S-5.2



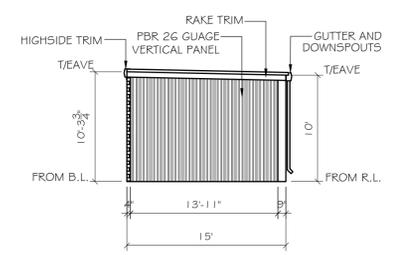
**SOUTH ELEVATION**  
 BLDG. 5  
 1/8" = 1'



**NORTH ELEVATION**  
 BLDG. 5  
 1/8" = 1'



**WEST ELEVATION**  
 BLDG. 5  
 1/8" = 1'



**EAST ELEVATION**  
 BLDG. 5  
 1/8" = 1'

**NOTES:**  
 ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT/PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

**NOTE:**  
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TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE

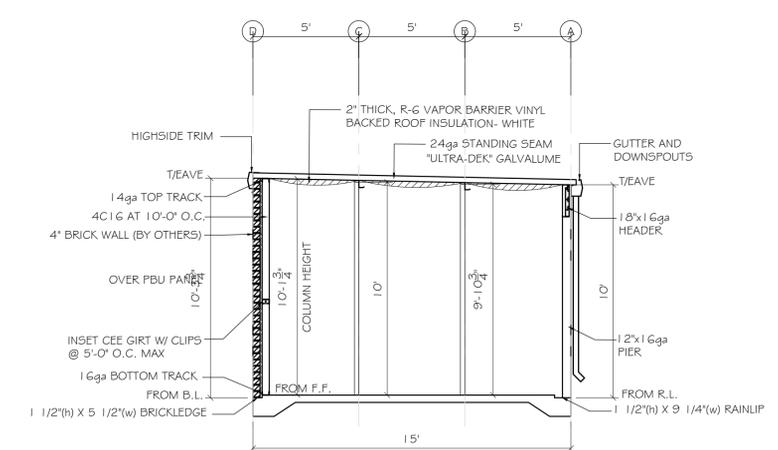
PIER TEX COTE	- 12" X 16ga
CORNER PIER	- 9" X 9" X 16ga
SIDE WALL HEADER	- 18" X 16ga

24ga STANDING SEAM ROOF  
 "ULTRA DEK" - GALVALUME

DOWNSPOUTS 30' O.C. MAX.  
 GUTTER EXP. BOX 90' O.C. MAX.

**NOTES:**

- UNLESS NOTED OTHERWISE ON THE PLANS, THE FOLLOWING OUTLINES STANDARD PARTITION HEIGHTS USED FOR DESIGN PURPOSES.
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**SECTION E-E**  
 NOTE: VERTICAL COLUMN DIMENSION IS ACTUAL LENGTH OF CEE FROM F.F. (U.N.O.)  
 SCALE: 1/4" = 1'





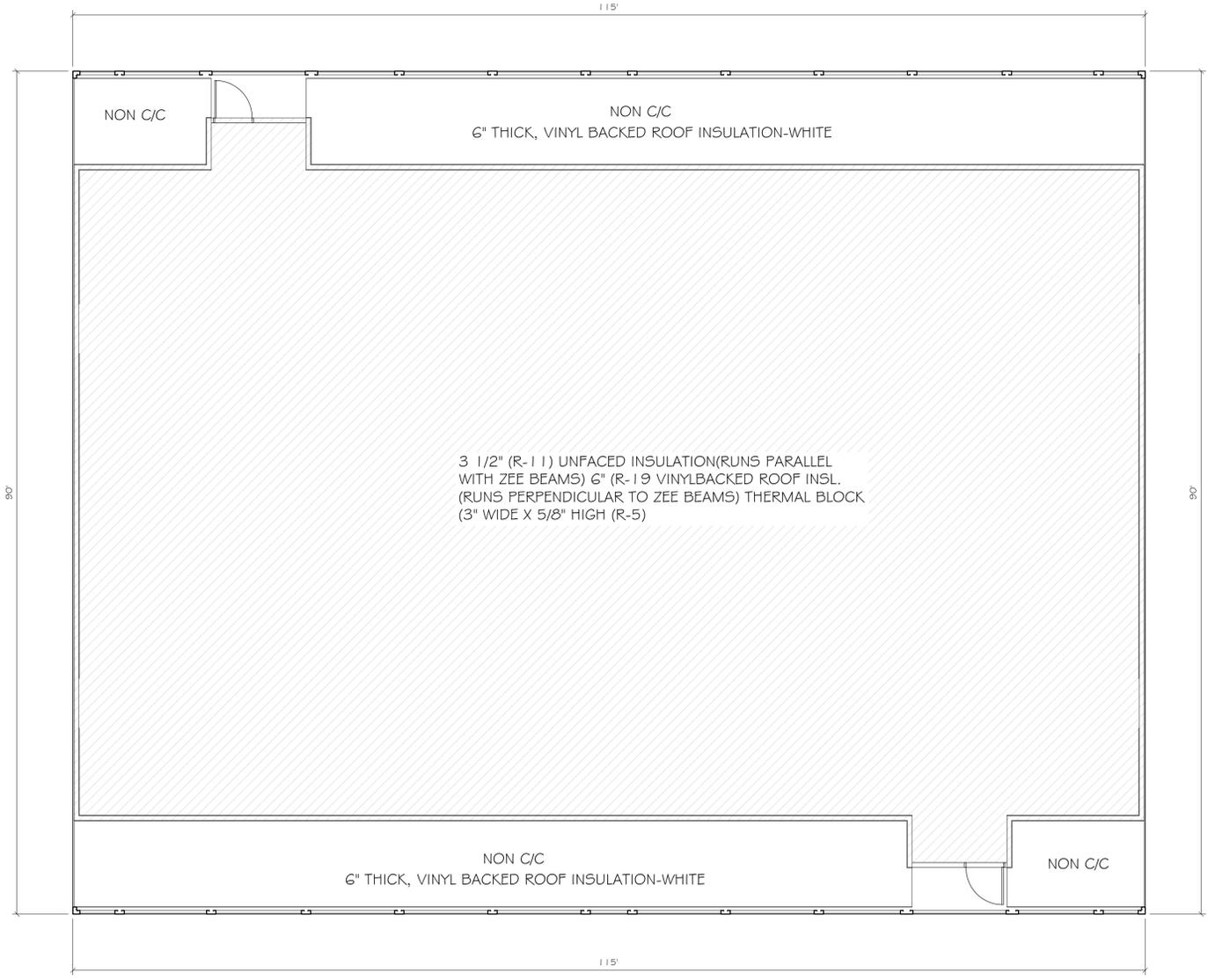


MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2023
3	PH	CHANGE ORDER	2/25/2023



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**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**



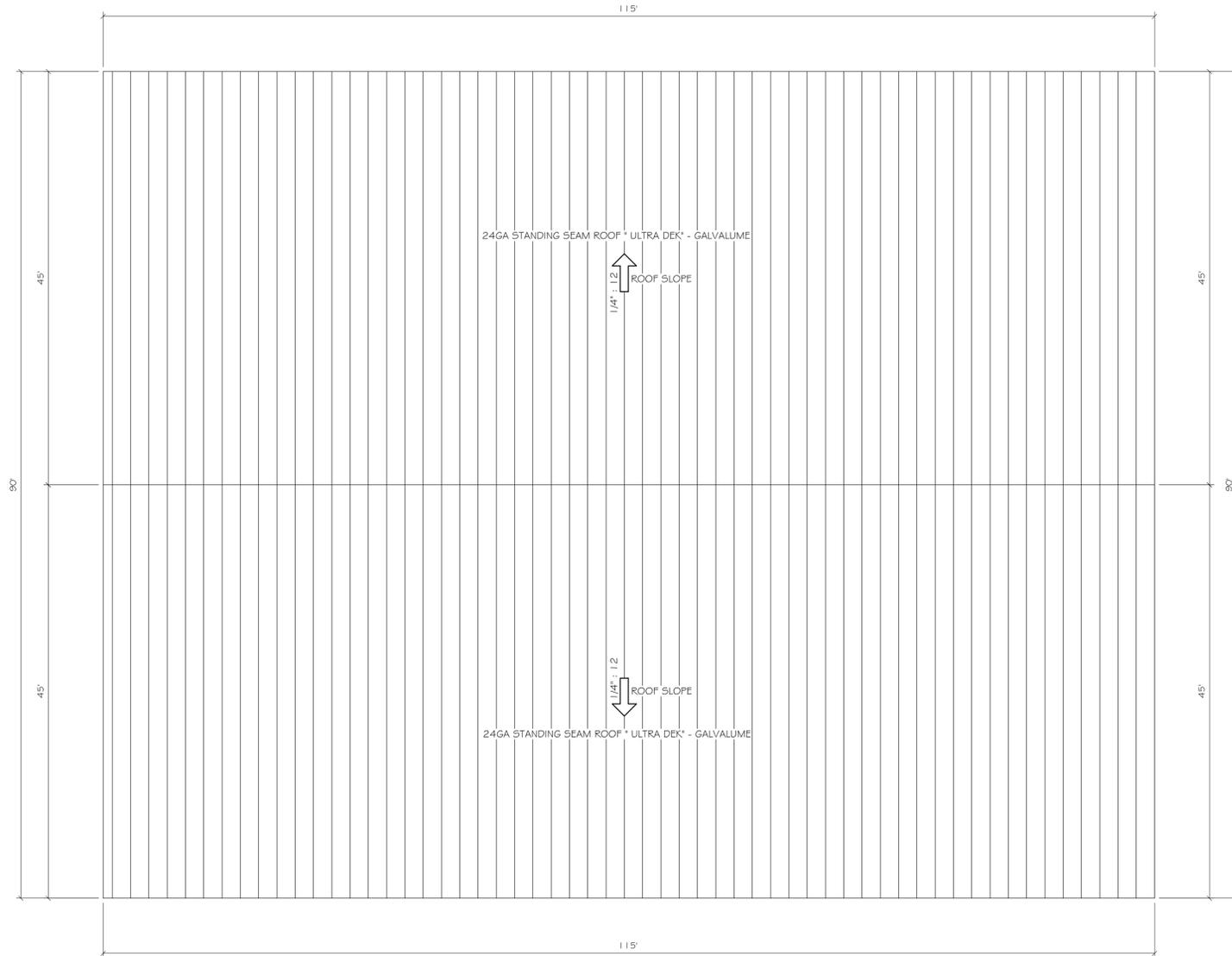
**STRUCTURE 6**  
**INSULATION PLAN**  
 SCALE: 1/8" = 1'

NOTE:  
 INSULATION BACKING SHALL BE INSTALLED ON THE INTERIOR SIDE OF FRAMED WALLS IN CLIMATE ZONES 5, 6, 7, 8 AND MARINE 4 AS DEFINED IN CHAPTER #3 OF THE INTERNATIONAL ENERGY CONSERVATION CODE.

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
ROBERT M. BEATTIE, PE  
 1000 WEST WASHINGTON STREET, SUITE 200  
 INDIANAPOLIS, IN 46202  
 (317) 444-1111  
 www.makorabco.com  
ROBERT M. BEATTIE, PE  
 1000 WEST WASHINGTON STREET, SUITE 200  
 INDIANAPOLIS, IN 46202  
 (317) 444-1111  
 www.makorabco.com

SHEET TITLE  
**STRC. 6**  
**INSULATION PLAN**  
 DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET



STRUCTURE 6  
ROOF PLAN  
SCALE: 1/8" = 1'

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



STORAMERICA - MCCORDSVILLE  
MCCORDSVILLE, IN 46055

ENGINEER STAMP

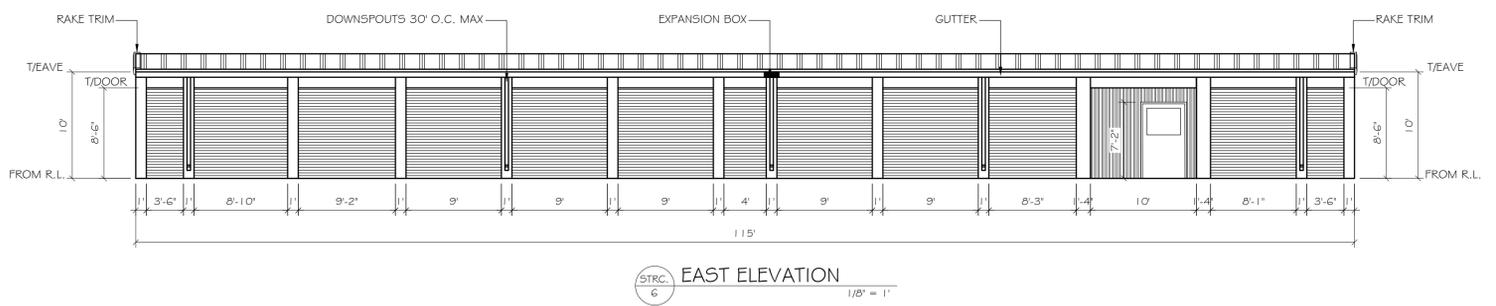
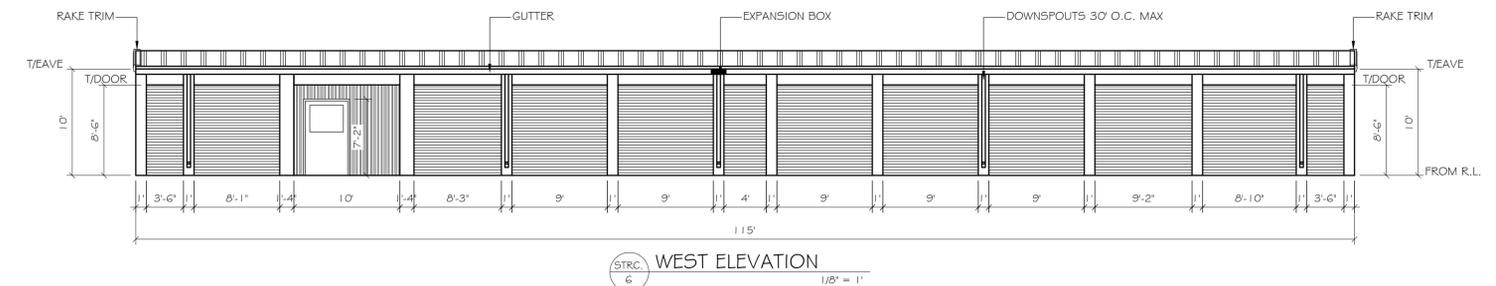
ENGINEER  
ROBERT M. BEATTIE, PE  
MEMBER OF THE PROFESSION OF PROFESSIONAL ENGINEERS OF THE STATE OF INDIANA  
LICENSE NO. 123456789  
EXPIRES 12/31/2024  
ADDRESS: 10000 N. STATE ST., SUITE 100, INDIANAPOLIS, IN 46260  
OFFICE: 10000 N. STATE ST., SUITE 100, INDIANAPOLIS, IN 46260  
PHONE: (317) 555-1234  
FAX: (317) 555-5678  
WWW: WWW.MAKORABCO.COM  
E-MAIL: INFO@MAKORABCO.COM

SHEET TITLE  
STRC. 6  
ROOF PLAN

DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: xxx  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

S-6.4

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



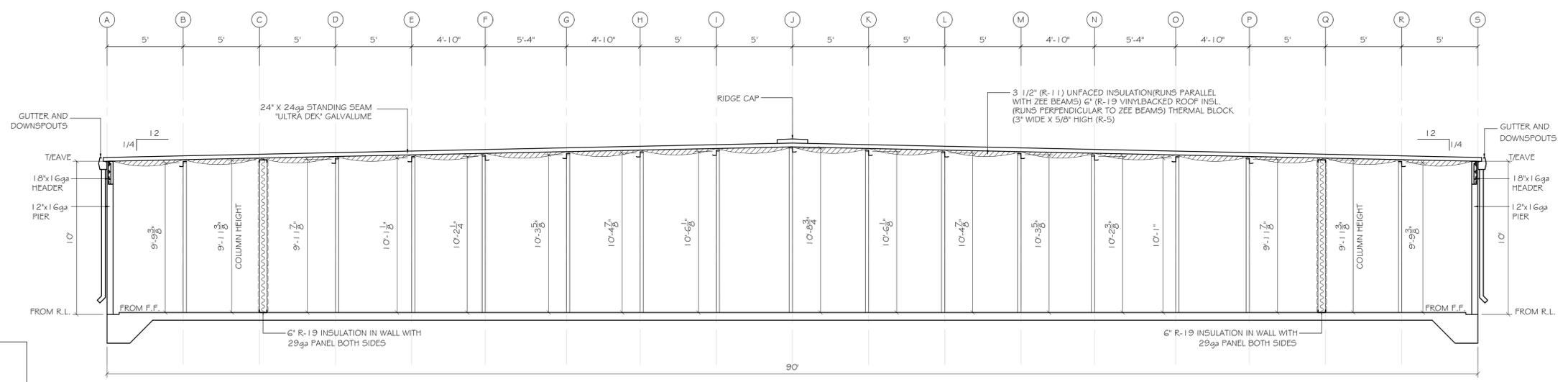
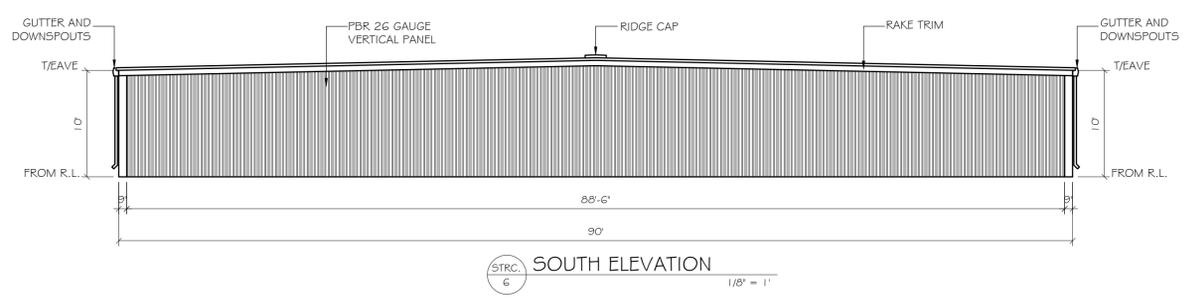
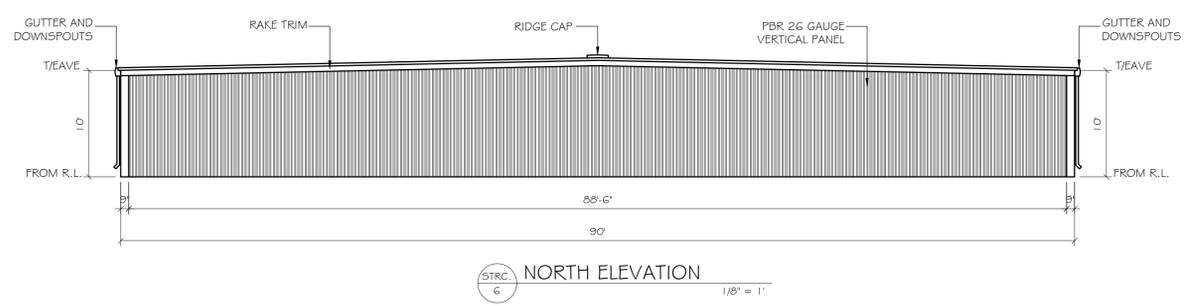
NOTES:  
ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT/PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

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TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE  
 PIER TEX COTE - 12" X 16ga  
 CORNER PIER - 9" X 9" X 16ga  
 SIDE WALL HEADER - 18" X 16ga

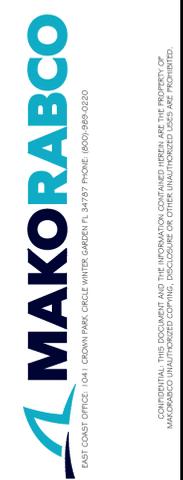
24ga STANDING SEAM ROOF  
 "ULTRA DEK" - GALVALUME

DOWNSPOUTS 30' O.C. MAX.  
 GUTTER EXP. BOX 90' O.C. MAX.



NOTES:  
 1. UNLESS NOTED OTHERWISE ON THE PLANS, THE FOLLOWING OUTLINES STANDARD PARTITION HEIGHTS USED FOR DESIGN PURPOSES.  
 2. NON-CLIMATE CONTROLLED SINGLE STORY BUILDINGS HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 8" OF THE BOTTOM OF THE ROOF DECK.  
 3. CLIMATE CONTROLLED SINGLE STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE ROOF DECK.  
 4. CLIMATE CONTROLLED MULTI-STORY BUILDING HAVE BEEN DESIGNED BASED ON THE TOP OF ALL INTERIOR PARTITION PANELS BEING HELD TO WITHIN 18" OF THE BOTTOM OF THE FLOOR/ROOF DECK.  
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NOTE:  
 VERTICAL COLUMN DIMENSION IS ACTUAL LENGTH OF CEE FROM F.F. (U.N.O.)



STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055

ENGINEER STAMP

ENGINEER  
 ROBERT M. BEATTIE, PE  
 STATE OF INDIANA LICENSE NO. 12123  
 PROFESSIONAL SEAL

SHEET TITLE  
**STRC. 6**  
 ELEVATIONS & SECTION  
 DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: XXX  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

NOTE:  
 GC/CUSTOMER TO PROVIDE DISTANCE TO HOLD  
 DOWN PARTITIONS FROM BOTTOM OF ROOF  
 DECK BEFORE ANY MATERIALS CAN BE ORDERED.

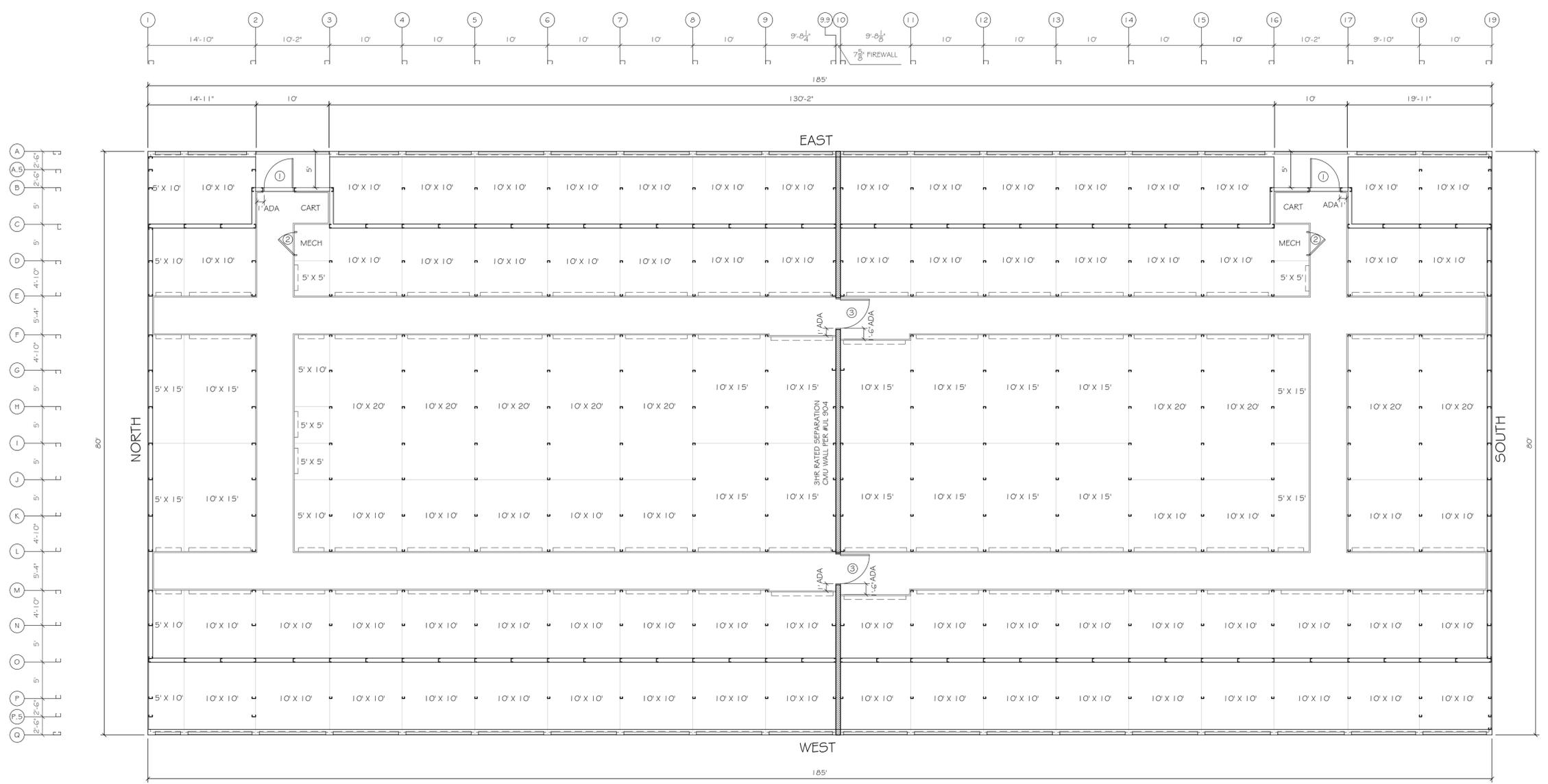
- PIER & HEADER FINISHES:**
- GALVANEAL PIERS & HEADERS REQUIRING FIELD PAINTING.
- VERIFY PAINT COLOR WITH COLOR REQ'D IN LABOR CONTRACT.
  - CAULK PIERS TO HEADERS AND HEADERS TO HEADERS IF STACKED.
  - PRIME ALL EXPOSED SURFACES OF PIERS & HEADERS.
  - PAINT ALL EXPOSED SURFACES OF PIERS & HEADERS WITH PAINT SPECIFIED IN LABOR CONTRACT EVENLY SO PRIMER CAN NOT BE SEEN THROUGH TOP COAT. IF TEXTURED, ROLL OUT TO ACHIEVE AND SAND FINISH - STUCCO LIKE LOOK.

**DOOR SCHEDULE**

①	4'-0" x 7'-0" PERSONNEL DOOR W/ STANDARD HARDWARE GLASS KIT (BY RABCO)
②	3'-0" x 7'-0" MECH ROOM DOOR (NOT BY RABCO)
③	4'-0" x 7'-0" INTERIOR 3 HOUR FIRE-RATED DOOR (NOT BY RABCO)

**LINE KEY**

	6" R-19 INSULATION IN PERIMETER WALL 29GA LINER PANEL INTERIOR AND 26GA VERTICAL PANEL EXTERIOR
	6" R-19 INSULATION IN WALL WITH 29GA LINER PANEL BOTH SIDES
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	HALL WAY SYSTEM
	THREE HOUR RATED SEPARATION CMU WALL UL # U904



**STRC. 7 PARTITION PLAN**  
 1/8" = 1"

**MAKORABCO**  
 EAST COAST OFFICE: 1041 KRONA PARK CIRCLE WATER GARDEN FL 34707 PHONE: (800) 989-0220

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**STORAMERICA - MCCORDSVILLE**  
 MCCORDSVILLE, IN 46055

ENGINEER STAMP

ENGINEER  
 ROBERT M. BEATTIE, PE  
 10000 W. STATE ST. SUITE 200  
 WEST BEND, WI 53091  
 (608) 835-1100  
 WWW.RMBSPE.COM

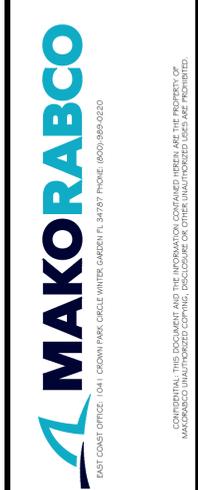
PROFESSIONAL SEAL OF ROBERT M. BEATTIE, PE  
 STATE OF WISCONSIN  
 NO. 10000  
 EXPIRES 12/31/2025

SHEET TITLE  
**STRC. 7**  
 PARTITION PLAN

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

S-7.0

MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



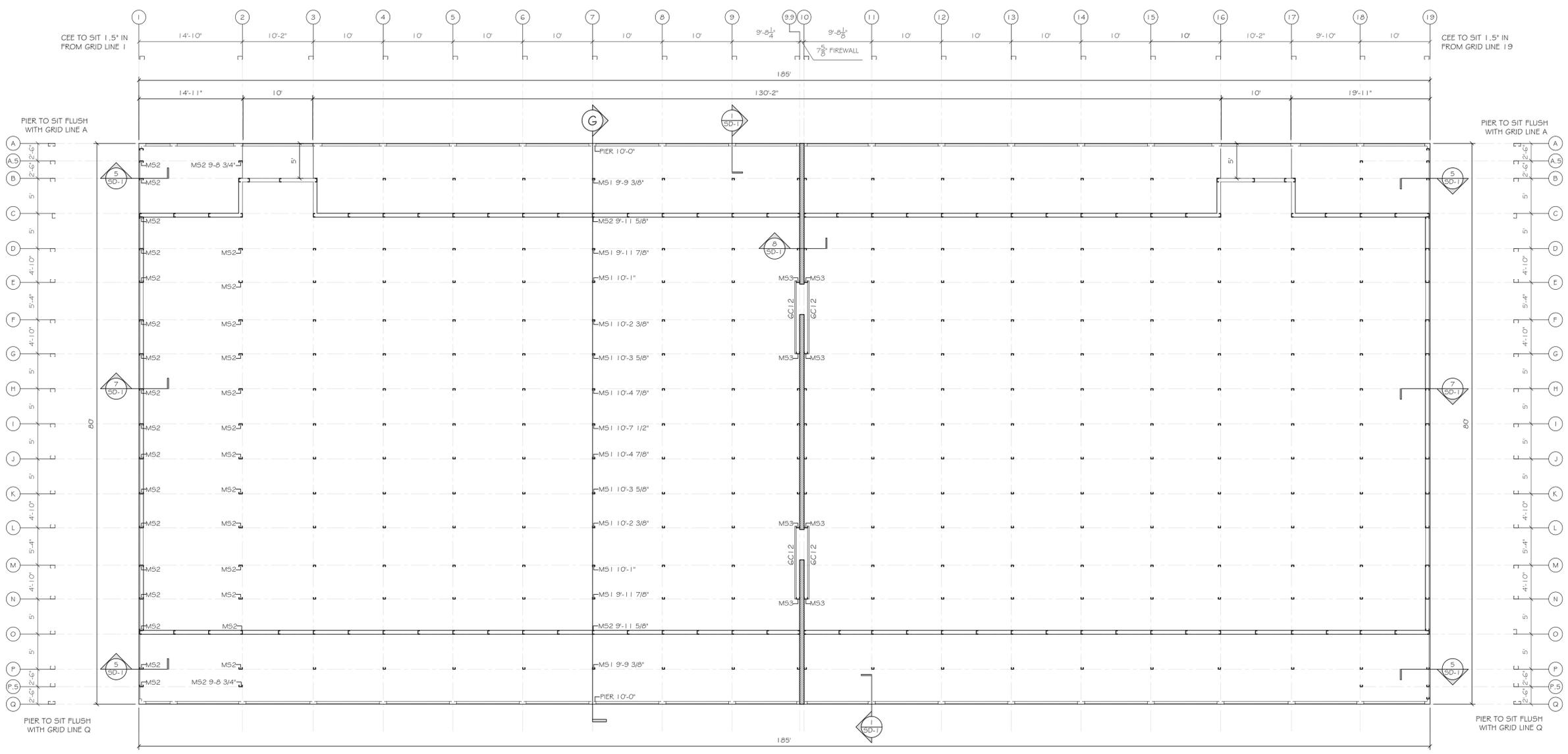
**STORAMERICA - MCCORDSVILLE**  
MCCORDSVILLE, IN 46055

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
MEMBER OF THE PROFESSION OF PROFESSIONAL ENGINEERS REGISTERED IN THE STATE OF INDIANA  
LICENSE NO. 49726  
EXPIRES 12/31/2026  
INDIANA, OFFICE: 4770 N. STATE ST., SUITE 200, TERRE HAUTE, IN 47787  
OFFICE: 1041 CROWN PARK CIRCLE, WATER GARDEN, FL 34707  
OFFICE: 1041 CROWN PARK CIRCLE, WATER GARDEN, FL 34707  
OFFICE: 1041 CROWN PARK CIRCLE, WATER GARDEN, FL 34707  
OFFICE: 1041 CROWN PARK CIRCLE, WATER GARDEN, FL 34707

SHEET TITLE  
**STRC. 7**  
COLUMN FRAMING PLAN  
DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: XXX  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

S-7.1



**STRC. 7 COLUMN FRAMING PLAN**  
1/8" = 1'

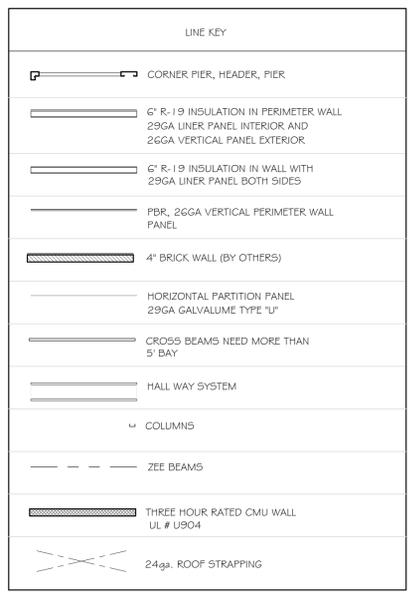
**ANCHOR SCHEDULE**  
FASTENERS AND ANCHORS  
ALL FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS

ANCHOR TYPE	ANCHOR NAME	ICC-ES #	ANCHOR DIA. (IN)	MIN. BASE MATERIAL THICKNESS (IN)	(MIN. OR NOM.) / MAX. OR REF. EMBEDMENT (IN.)	MIN. ANCHOR SPACING (IN)	MIN. EDGE / END DISTANCE (IN)	ALLOWABLE BASE MATERIAL								
								CONC.	LW CONC.	CONC. OVER STEEL DECK	GF CMU	HOLLOW CMU W/ SCREEN TUBES	SOLID BRICK	STEEL		
EPOXY	AC108+GOLD	ESR-2582	1/2" dia.	4" [CONC]	2-3/4"(MIN) / 6" MAX	2-1/2"	2-1/2"	X	X							
		[CONC]	3/4" dia.	5-3/4" [CONC]	3-1/2"(MIN) / 9" MAX	3-3/4"	3-3/4"									
		ESR-3200	1/2" dia.	8" GF CMU	4" (MIN)	(1) PER CELL	4"									
		[CMU]	3/4" dia.	8" GF CMU	6" (MIN)	(1) PER CELL	4"									
MECHANICAL	POWER STUD +S01	ESR-2818	1/2" dia.	4" [CONC]	2-1/2"(NOM) / 2" (EFF)	4-1/2"	6"	X	X	X						
		[CONC]	3/4" dia.	6" [CONC]	4"(NOM) / 2" (EFF)	6"	6"									
		ESR-2966	3/8" dia.	8" GF CMU	2-1/2"(MIN)	(1) PER CELL	4"									
		[CONC]	1/2" dia.	8" GF CMU	4-3/4"(MIN)	(1) PER CELL	12"									
		ESR-2502	1/2" dia.	4-1/2" [CONC]	2-1/2"(NOM) / 2" (EFF)	6"	8"	X	X	X						
		[CONC]	3/4" dia.	7" [CONC]	4-1/2"(NOM) / 3-3/4" (EFF)	6"	12"									
	POWER STUD +S02	[CONC]	3/8" dia.	2" [CONC OVER STL DECK]	2-3/8"(NOM) / 2" (EFF)	1-1/2"	4"									
			1/2" dia.	2" [CONC OVER STL DECK]	2-1/2"(NOM) / 2" (EFF)	8"	4"									
			1/4" dia.	8" GF [CONC]	2-1/2" (MIN.)	4"	2"									
			1/2" dia.	8" GF [CONC]	3-1/4" (MIN.)	6"	3"									
			1/2" dia.	3" [CONC]	1-5/8"(NOM) / 1-2" (EFF)	1-1/2"	1-1/2"	X	X	X	X					
			3/4" dia.	3" [CONC]	2"(NOM) / 1-1/3" (EFF)	2"	1-1/2"									
SCREW BOLT +	ESR-3889	[CONC]	3/8" dia.	3" [CONC]	2-1/2"(NOM) / 1-3/4" (EFF)	2-3/4"	1-3/4"									
			1/2" dia.	3-3/4" [CONC]	4-1/4"(NOM) / 3.08" (EFF)	3"	1-3/4"									
			1/4" dia.	2" [CONC OVER STL DECK]	1-5/8"(NOM) / 1-2" (EFF)	1-1/2"	1-1/2"									
			3/8" dia.	2" [CONC OVER STL DECK]	2"(NOM) / 1-3/8" (EFF)	2"	2"									
			1/2" dia.	2" [CONC OVER STL DECK]	2-1/2"(NOM) / 1-3/4" (EFF)	2-1/2"	2-1/2"									
			ESR-4042	1/2" dia.	8" GF CMU	4-1/4"(MIN)	(1) PER CELL	4"								
			[CMU]	3/4" dia.	8" GF CMU	6-1/4"(MIN)	(1) PER CELL	4"								
			DIRECT FASTEN	CSI SPIRAL DRIVE PINS	ESR-2024	0157.dia	3/16" (STEEL)	FASTENER POINT MUST PENETRATE STEEL MEMBER	1-1/2"	1/2"	X	X	X	X	X	X
						0157.dia	2-1/4" [CONC]	3/4" (MIN)	4"	3-1/2"						
						0157.dia	3" [CONC]	1" (MIN)	4"	3-1/2"						
0157.dia	3-3/4" [CONC]	1-1/4" (MIN)				4"	3-1/2"									

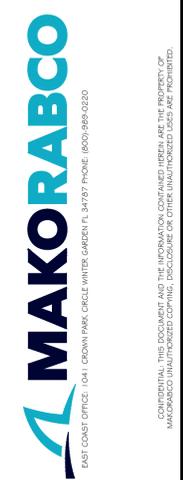
TYPICAL COLUMNS & BEAMS UNLESS NOTED OTHERWISE  
 COLUMN : MS1 = 4C16 - 4'X2 1/2" X 16GA CEE PRIME PAINTED (RED OXIDE)  
 COLUMN : MS2 = 6C16 - 6'X2 1/2" X 16GA CEE PRIME PAINTED (RED OXIDE)  
 COLUMN : MS3 = 6C14 - 6'X2 1/2" X 14GA CEE PRIME PAINTED (RED OXIDE)  
 COLUMN : MS4 = 6C12 - 6'X2 1/2" X 12GA CEE PRIME PAINTED (RED OXIDE)  
 PURLIN : P1 = 421G - 4'X2 1/2" X 16GA ZEE PRIME PAINTED (RED OXIDE)  
 PURLIN : P2 = 621G - 6'X2 1/2" X 16GA ZEE PRIME PAINTED (RED OXIDE)  
 PURLIN : P3 = 621G - 6'X2 1/2" X 12GA ZEE PRIME PAINTED (RED OXIDE)

ANCHOR SCHEDULE UNLESS NOTED OTHERWISE

SINGLE STORY BUILDINGS	
BASE CLIP INSTALLATION	1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) @ 3/4" EFFECTIVE EMBEDMENT
BASE TRACK INSTALLATION	1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) SPACING 3' O.C. (1 3/4" EFFECTIVE EMBEDMENT)
PIER INSTALLATION	1/2"X3" DeWALT SCREW BOLT+ (OR EQUAL) @ EA. PIER (1 3/4" EFFECTIVE EMBEDMENT)



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3	PH	CHANGE ORDER	2/25/2025



**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**

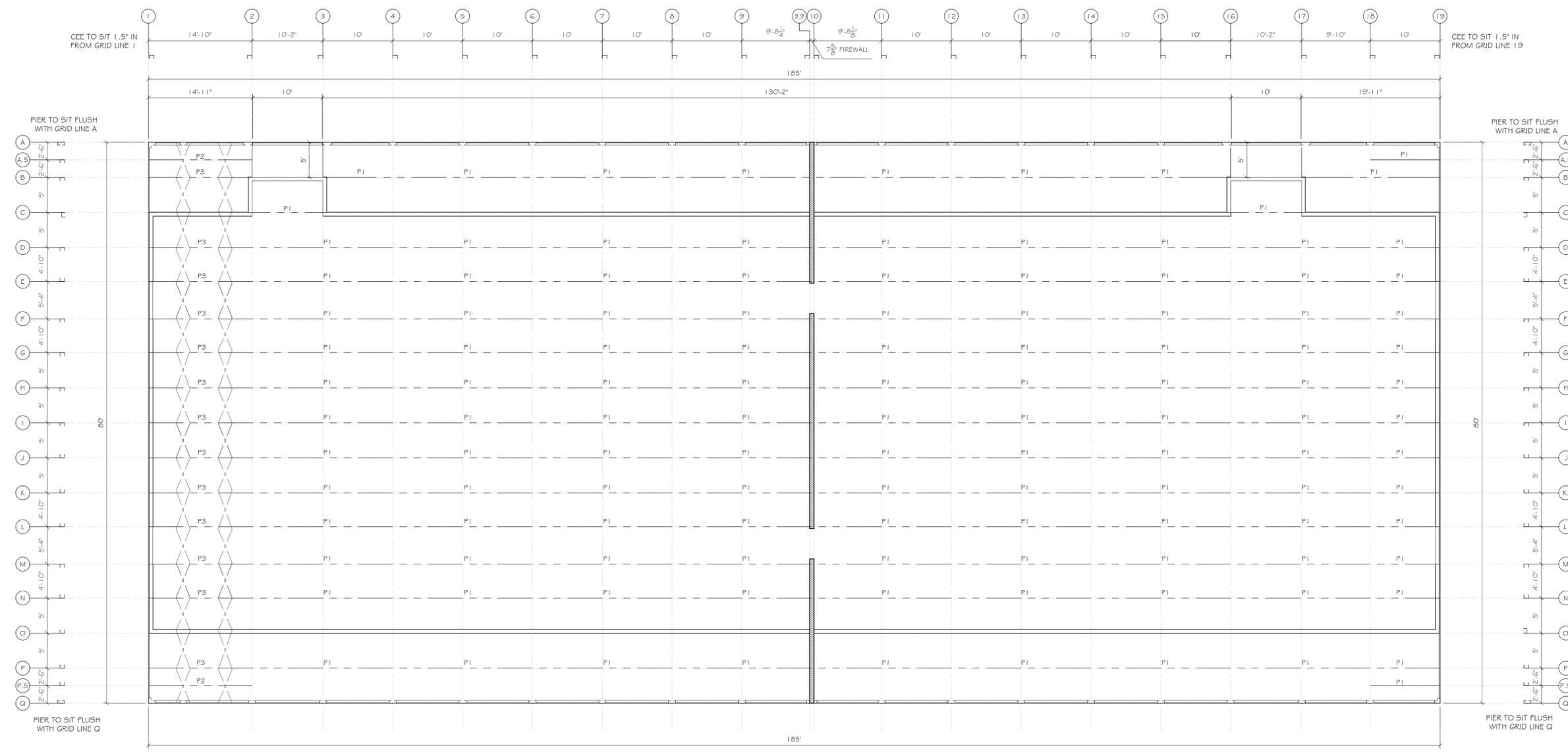
ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
ROBERT M. BEATTIE, PE  
 10000 N. STATE ROAD 100, SUITE 100, INDIANAPOLIS, IN 46240  
 (317) 552-1111  
 www.makorabco.com

SHEET TITLE  
**STRC. 7**  
**ROOF FRAMING PLAN**

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

S-7.2



**STRC. 7** ROOF FRAMING PLAN  
 1/8" = 1'

LINE KEY	
	CORNER PIER, HEADER, PIER
	PBR, 26GA VERTICAL PERIMETER WALL PANEL
	HORIZONTAL PARTITION PANEL 29GA GALVALUME TYPE "U"
	CROSS BEAMS NEED MORE THAN 5' BAY
	HALL WAY SYSTEM
	COLUMNS
	ZEE BEAMS
	THREE HOUR RATED CMU WALL UL # U904
	24ga. ROOF STRAPPING

TYPICAL COLUMNS & BEAMS UNLESS NOTED OTHERWISE	
COLUMN : M51	= 4C16 - 4'X2 1/2" X 1 1/2" GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : M52	= 6C16 - 6'X2 1/2" X 1 1/2" GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : M53	= 6C14 - 6'X2 1/2" X 1 1/2" GGA CEE PRIME PAINTED (RED OXIDE)
COLUMN : M54	= 6C12 - 6'X2 1/2" X 1 1/2" GGA CEE PRIME PAINTED (RED OXIDE)
PURLIN : P1	= 4Z16 - 4'X2 1/2" X 1 1/2" ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P2	= 6Z16 - 6'X2 1/2" X 1 1/2" ZEE PRIME PAINTED (RED OXIDE)
PURLIN : P3	= 6Z12 - 6'X2 1/2" X 1 1/2" ZEE PRIME PAINTED (RED OXIDE)



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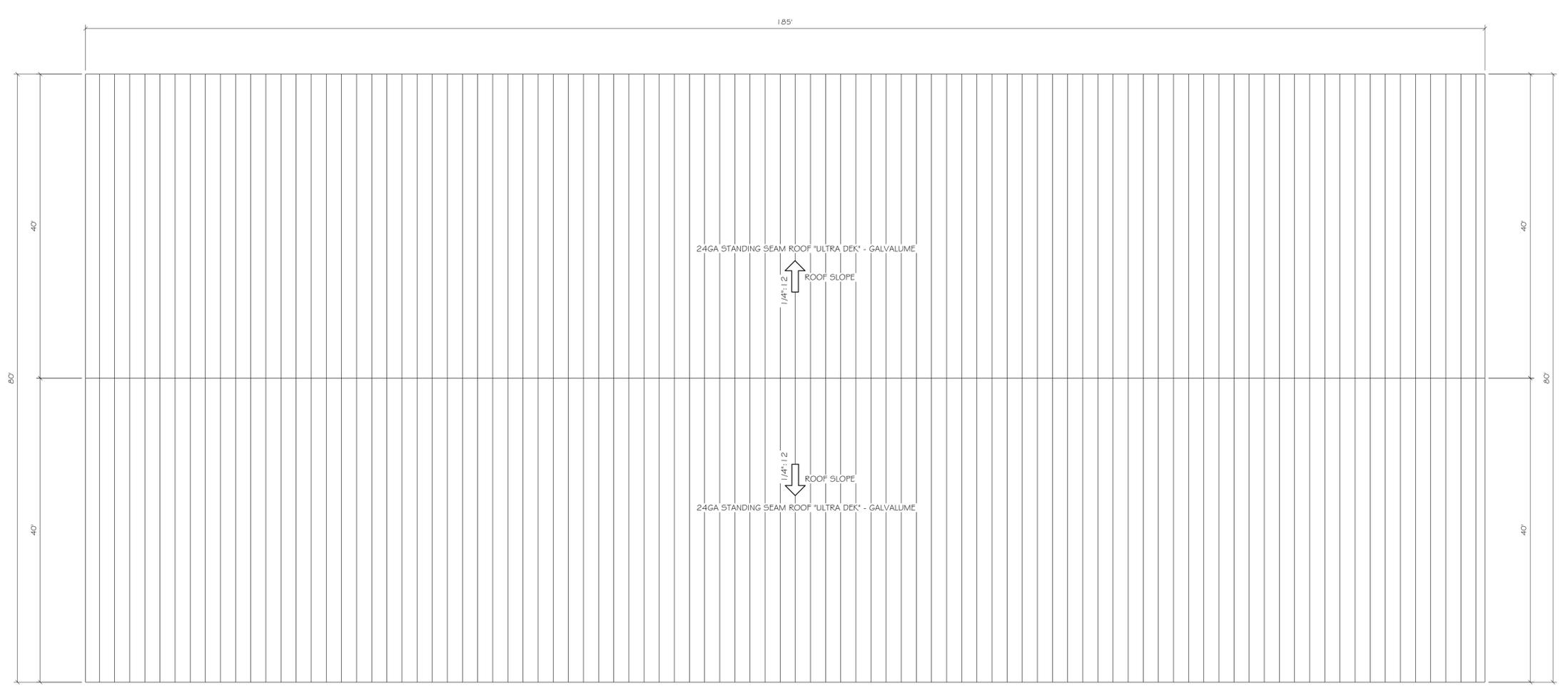
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**SHEET TITLE**  
**STRC. 7**  
**ROOF PLAN**

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

**S-7.4**



**STRUCTURE 7**  
**ROOF PLAN**  
 SCALE: 1/8" = 1'











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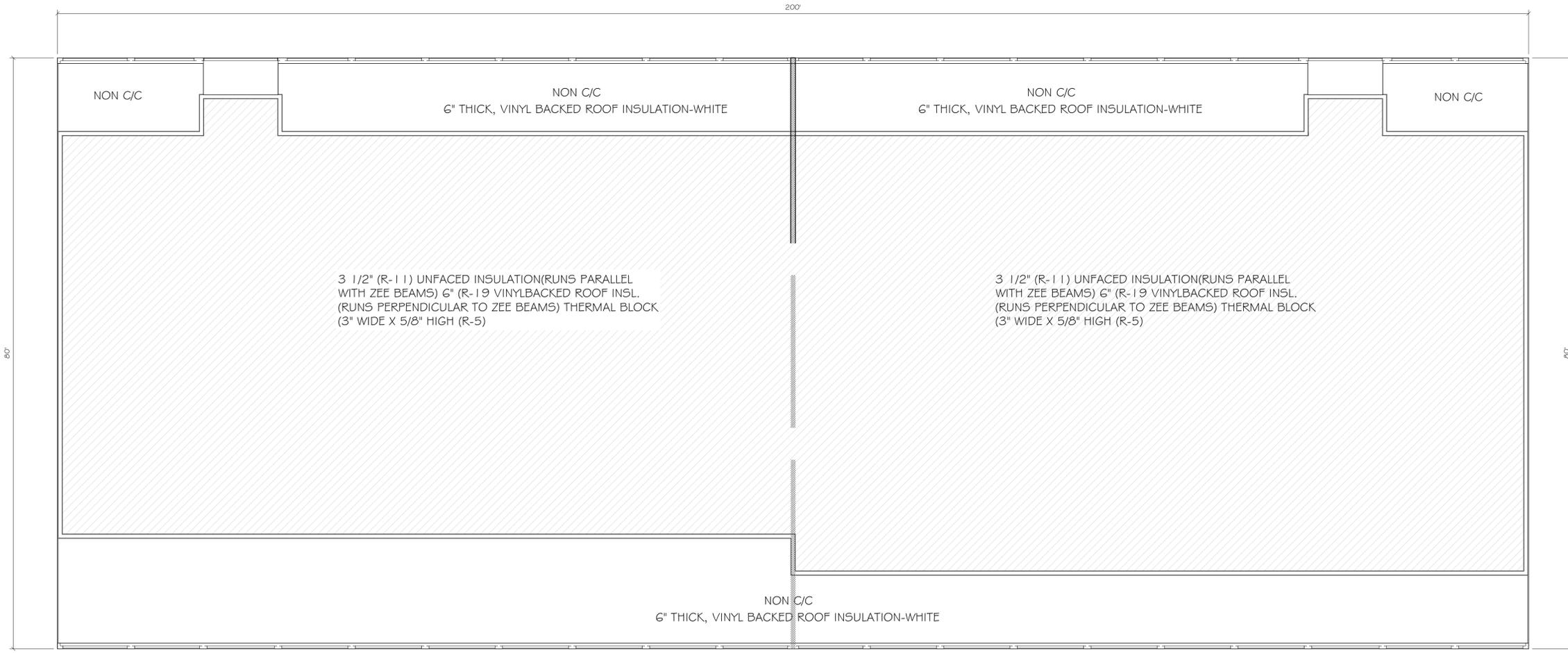
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 INDIANAPOLIS, IN 46202  
 (317) 434-1111  
 www.robertmbeattie.com

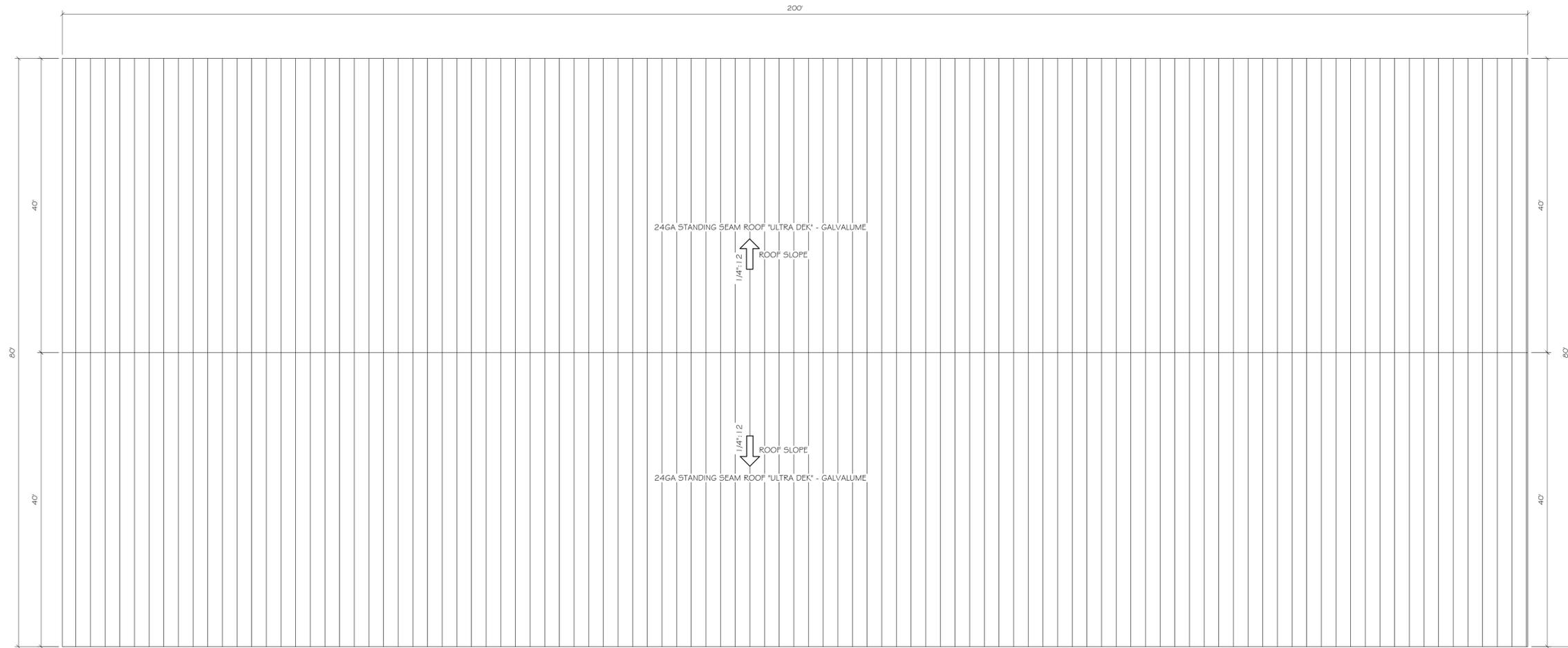
SHEET TITLE  
**STRC. 9**  
**INSULATION PLAN**  
 DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY XXX  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

**S-8.3**



**STRUCTURE 9**  
**INSULATION PLAN**  
 SCALE: 1/8" = 1'

NOTE:  
 INSULATION BACKING SHALL BE INSTALLED ON THE INTERIOR SIDE OF FRAMED WALLS IN CLIMATE ZONES 5, 6, 7, 8 AND MARINE 4 AS DEFINED IN CHAPTER #3 OF THE INTERNATIONAL ENERGY CONSERVATION CODE.



STRUCTURE 9  
 ROOF PLAN  
 SCALE: 1/8" = 1'

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 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA, LICENSE NO. 12512  
 EXPIRES 12/31/2024

SHEET TITLE  
**STRC. 9**  
 ROOF PLAN  
 DATE 09-21-23  
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TYPICAL PIER AND HEADER UNLESS INDICATED OTHERWISE

PIER TEX COTE - 1 2" X 1 6ga  
 CORNER PIER - 9" X 9" X 1 6ga  
 SIDE WALL HEADER - 1 8" X 1 6ga

24ga STANDING SEAM ROOF  
 "ULTRA DEK" - GALVALUME

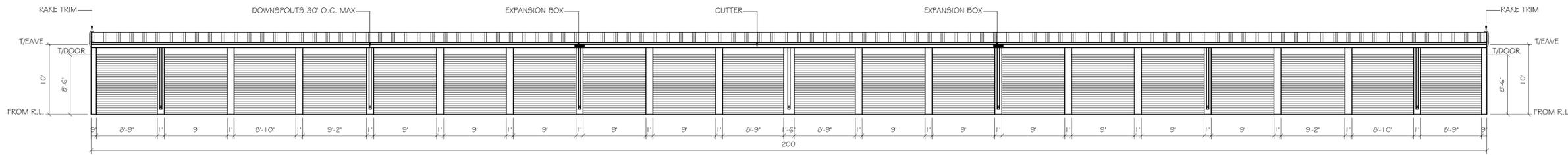
DOWNSPOUTS 30' O.C. MAX.  
 GUTTER EXP. BOX 90' O.C. MAX.

NOTES:

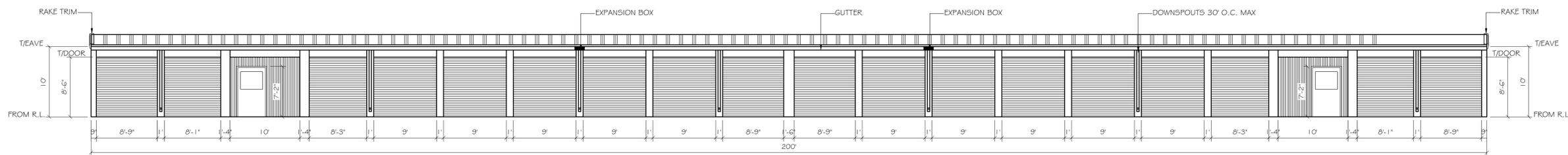
ALL MAN DOORS, ROLL-UP DOORS, SLIDING GLASS DOORS, WINDOWS AND TRANSOMS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER FIT. G.C./SUBCONTRACTOR SHALL NOT FABRICATE FROM THE CONSTRUCTION DOCUMENTS. SHOULD THE G.C./SUBCONTRACTOR CHOOSE TO FABRICATE THE PREVIOUSLY REFERENCED ITEMS FROM THE CONTRACT PROPOSAL DOCUMENTS AND NOT FROM THE FIELD THEY DO SO AT THEIR OWN RISK AND ANY AND ALL MODIFICATIONS REQUIRED AS A RESULT SHALL BE AT THEIR OWN EXPENSE.

NOTE:

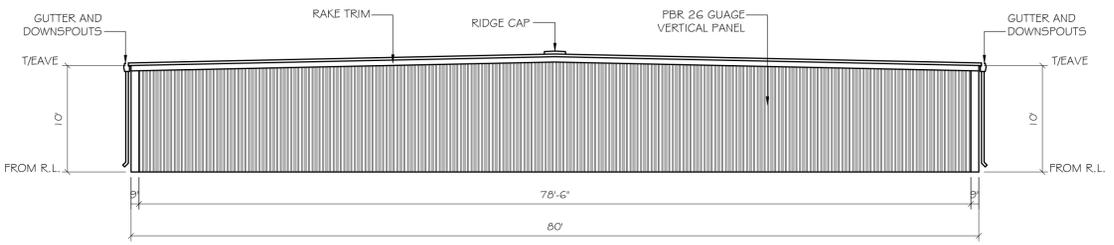
GC SHALL COORDINATE ALL T/CMU WALL HEIGHTS WITH RABCO ENTERPRISES, LLC PRIOR TO CONSTRUCTION TO ENSURE PROPER FIT OF THE METAL BUILDING COMPONENTS. FAILURE TO GET WRITTEN APPROVAL PRIOR TO ERRECTING THE CMU WALLS MAY RESULT IN NEEDED MODIFICATIONS TO EITHER THE CMU WALL AND/OR THE METAL BUILDING COMPONENTS AT THE G.C.'S EXPENSE.



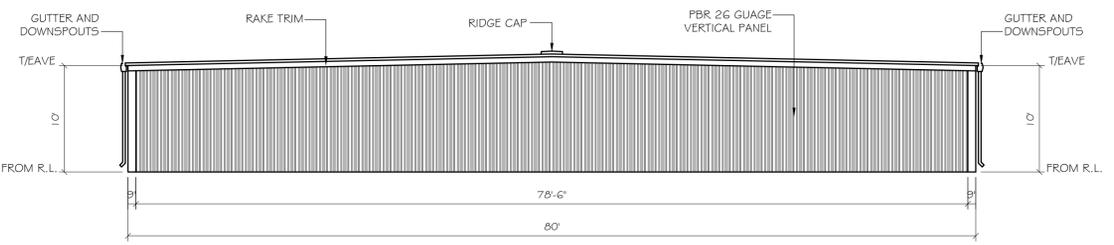
STRC. 9 WEST ELEVATION  
1/8" = 1'



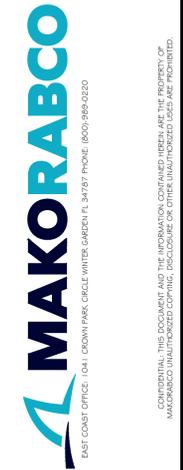
STRC. 9 EAST ELEVATION  
1/8" = 1'



STRC. 9 NORTH ELEVATION  
1/8" = 1'



STRC. 9 SOUTH ELEVATION  
1/8" = 1'



STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055

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 EXPIRES 12/31/2026  
 REGISTERED PROFESSIONAL ENGINEER  
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 STATE OF INDIANA PROFESSIONAL ENGINEER NO. 12543  
 EXPIRES 12/31/2026

SHEET TITLE  
**STRC. 9**  
 ELEVATIONS

DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

S-8.5





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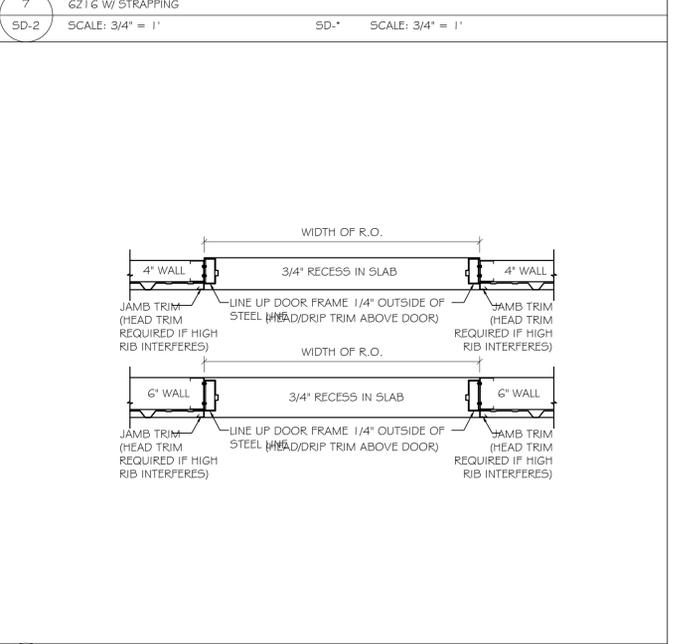
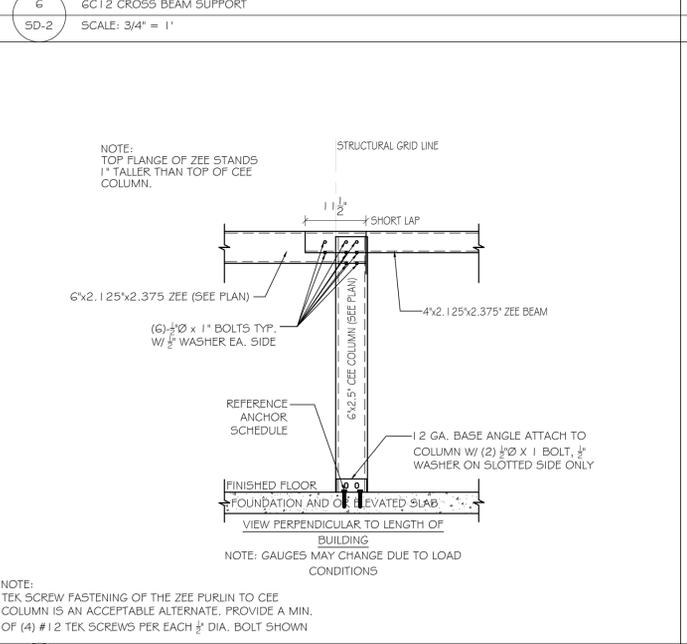
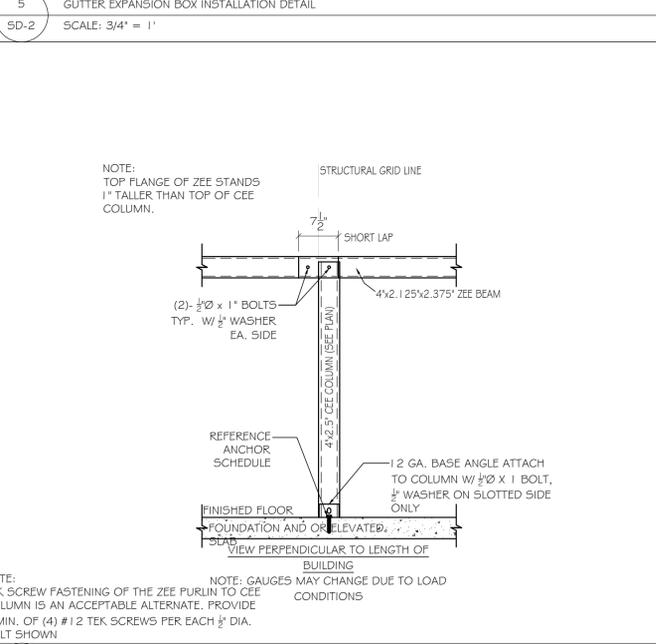
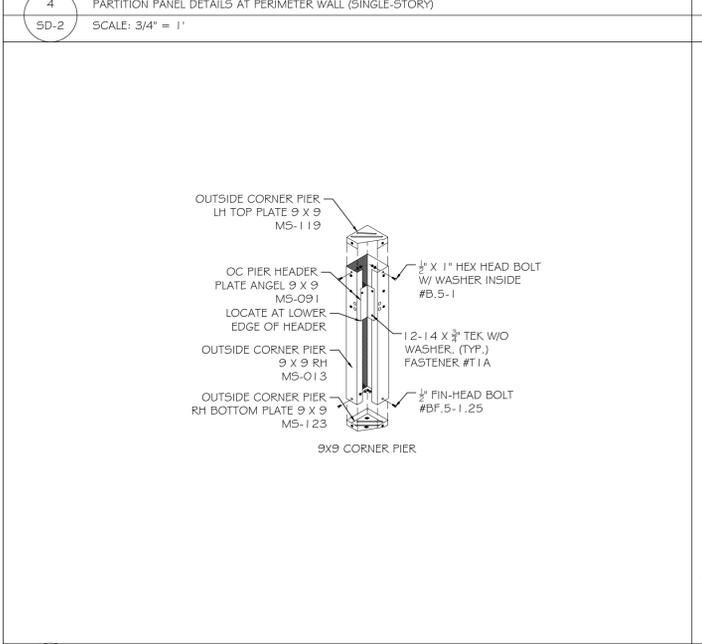
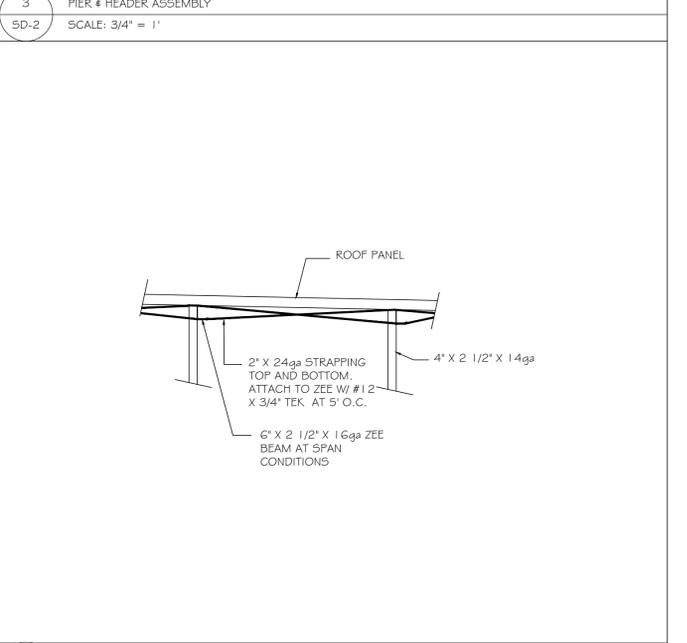
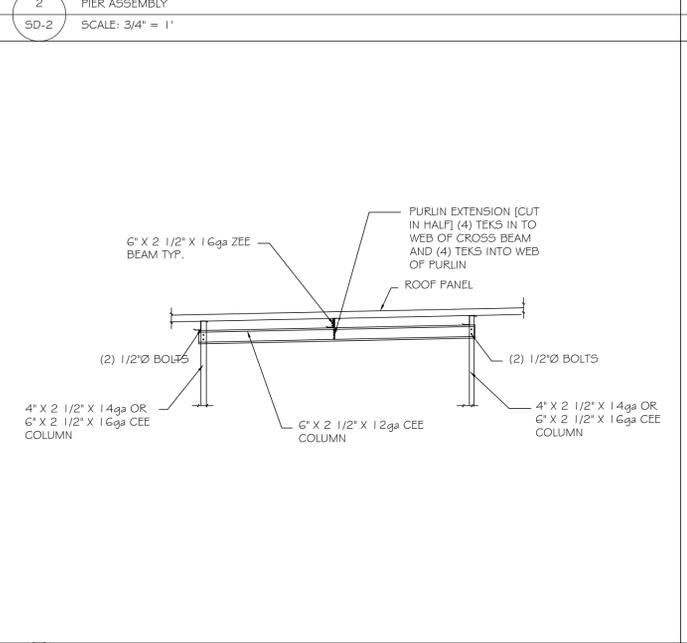
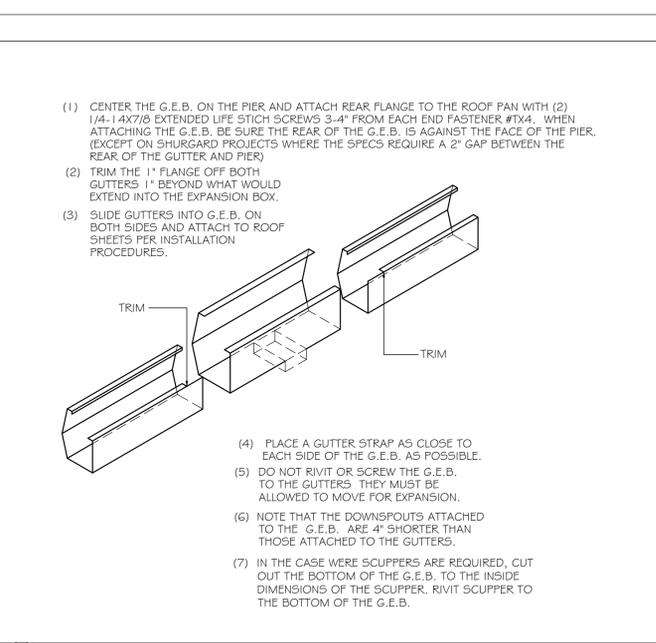
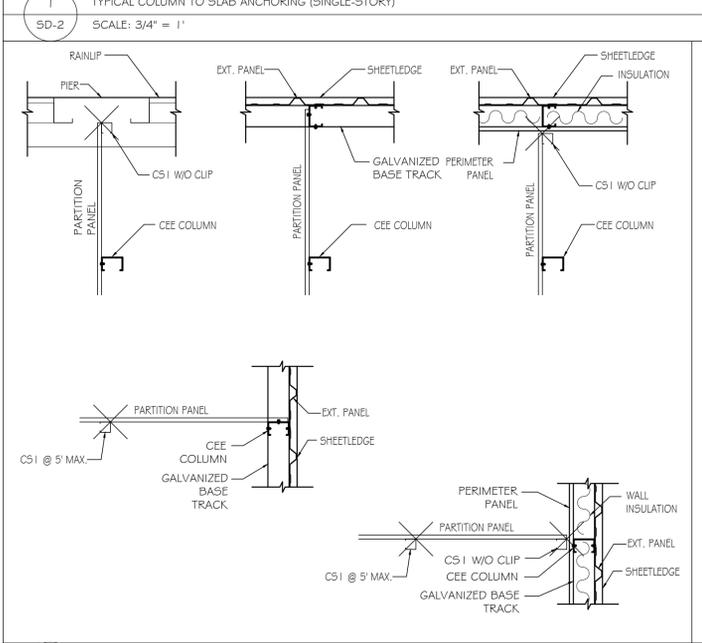
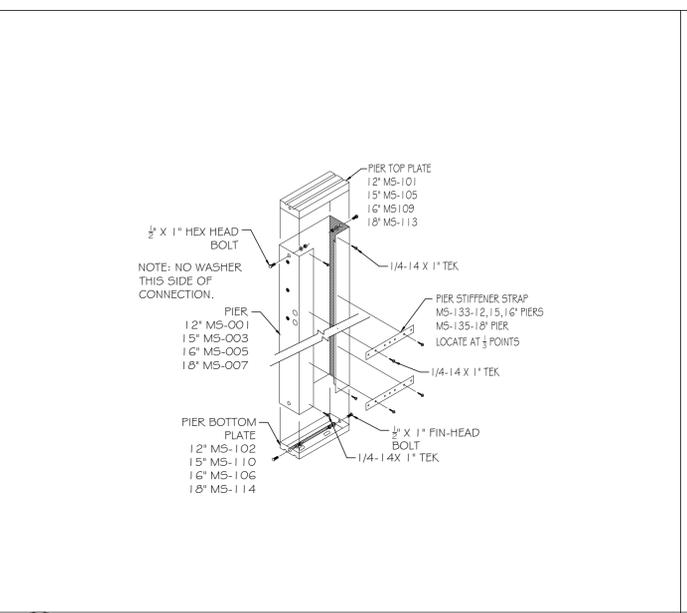
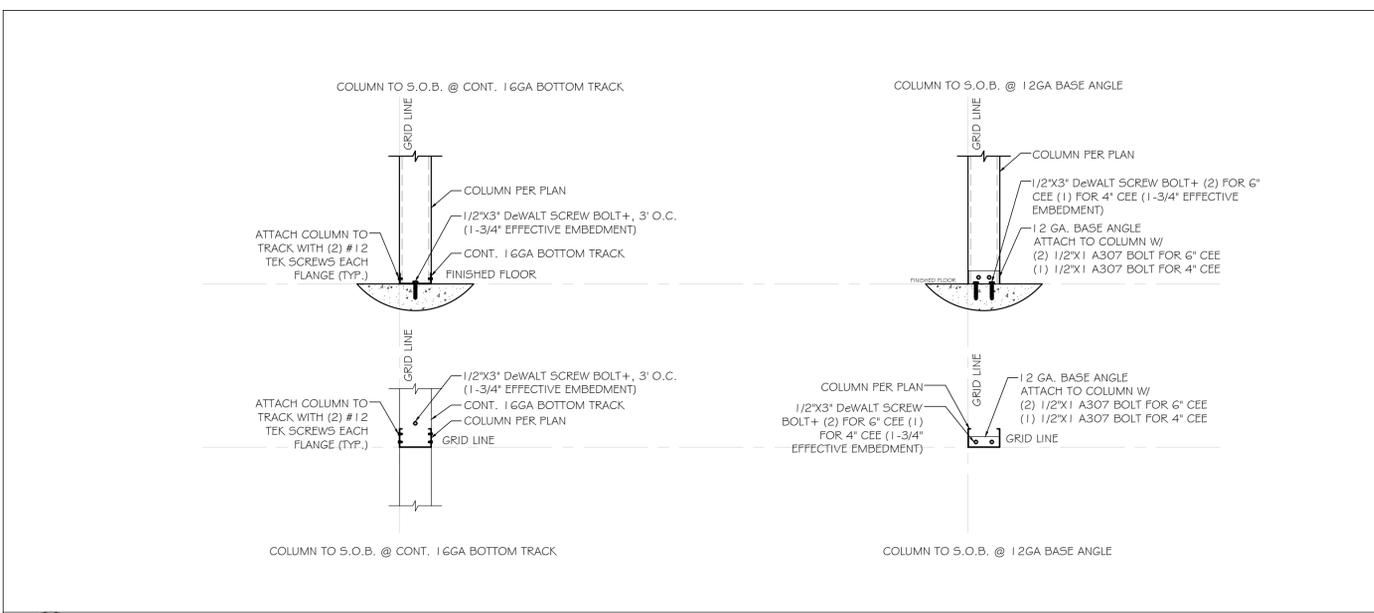
ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
 STATE OF INDIANA LICENSE NO. 12512  
 REGISTERED PROFESSIONAL ENGINEER  
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 REFRIGERATION  
 10000 N. STATE ST., SUITE 100  
 INDIANAPOLIS, IN 46240  
 (317) 432-1111  
 www.rmbeattie.com

SHEET TITLE  
**STRC.**  
**DETAILS**

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 SCALE: AS NOTED  
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**SD-2**



MARKUPS / REVISIONS			
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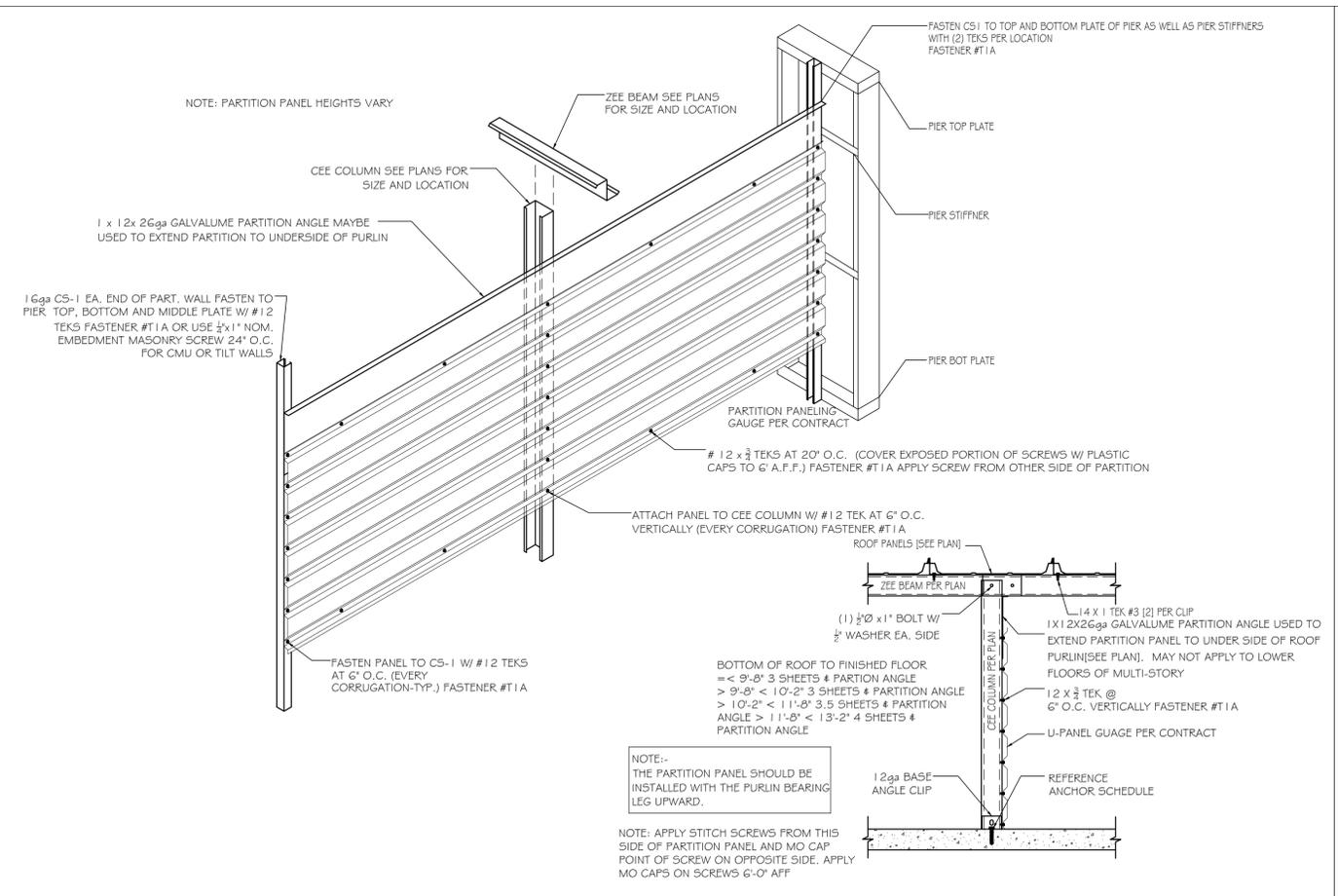
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 STATE OF INDIANA LICENSE NO. 12345  
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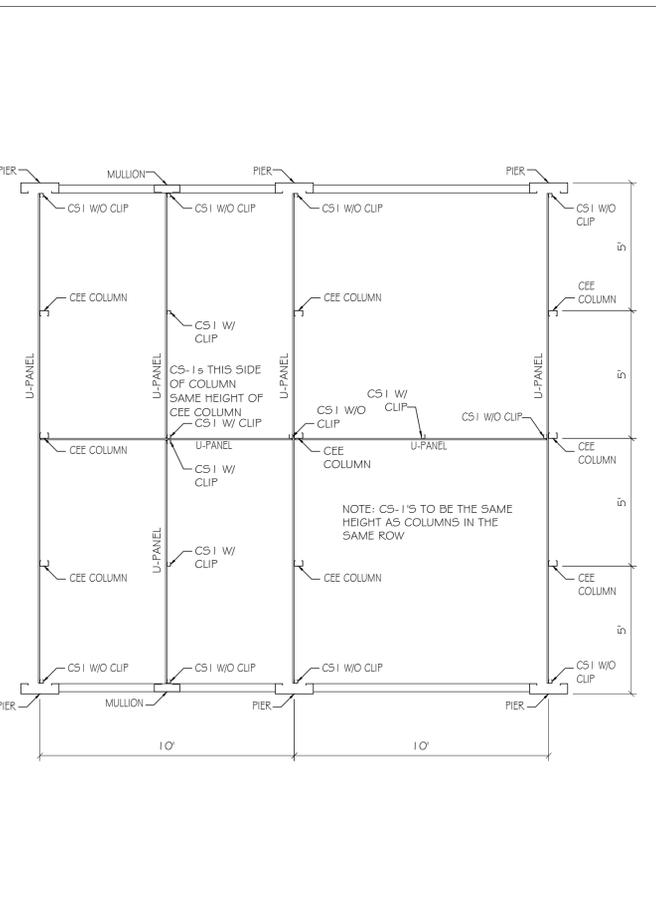
SHEET TITLE  
**STRC.**  
**DETAILS**

DATE: 09-21-23  
 DRAWN BY: FOR 5  
 CHECKED BY: xxx  
 JOB NO.: E-2726  
 SCALE: AS NOTED  
 SHEET

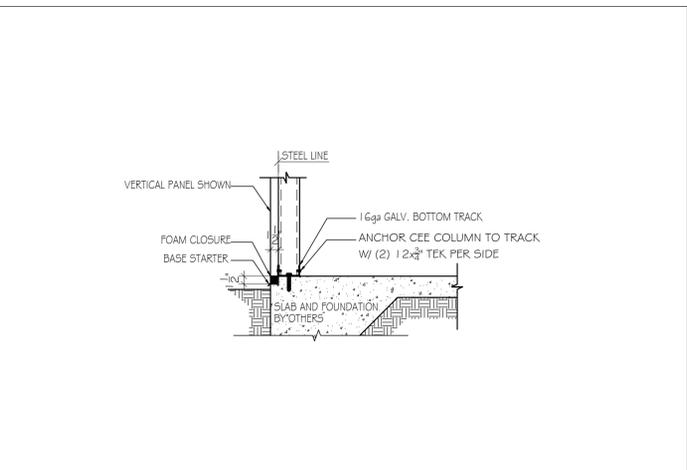
SD-3



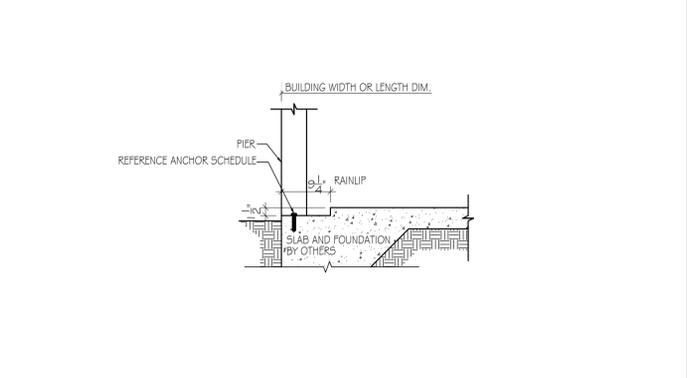
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 SD-3 SCALE: 3/4" = 1'



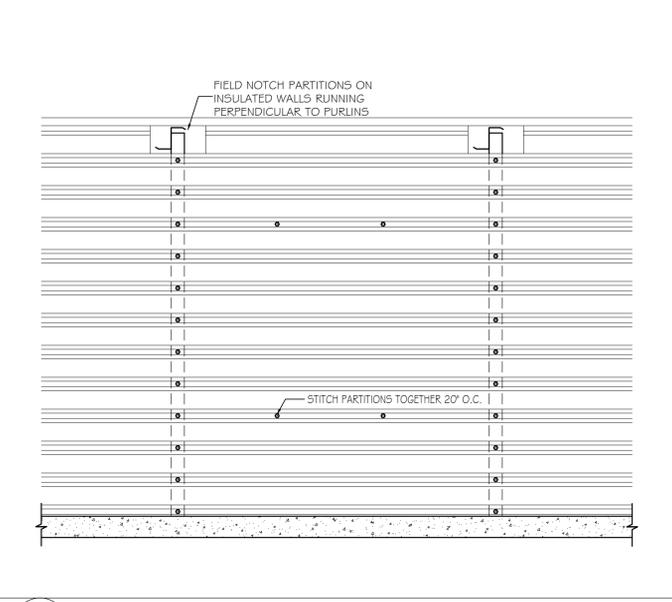
2 GENERIC FRAMING FOR PARTITIONS WITH CROSS PARTITIONS (N.T.S.)  
 SD-3 SCALE: 3/4" = 1'



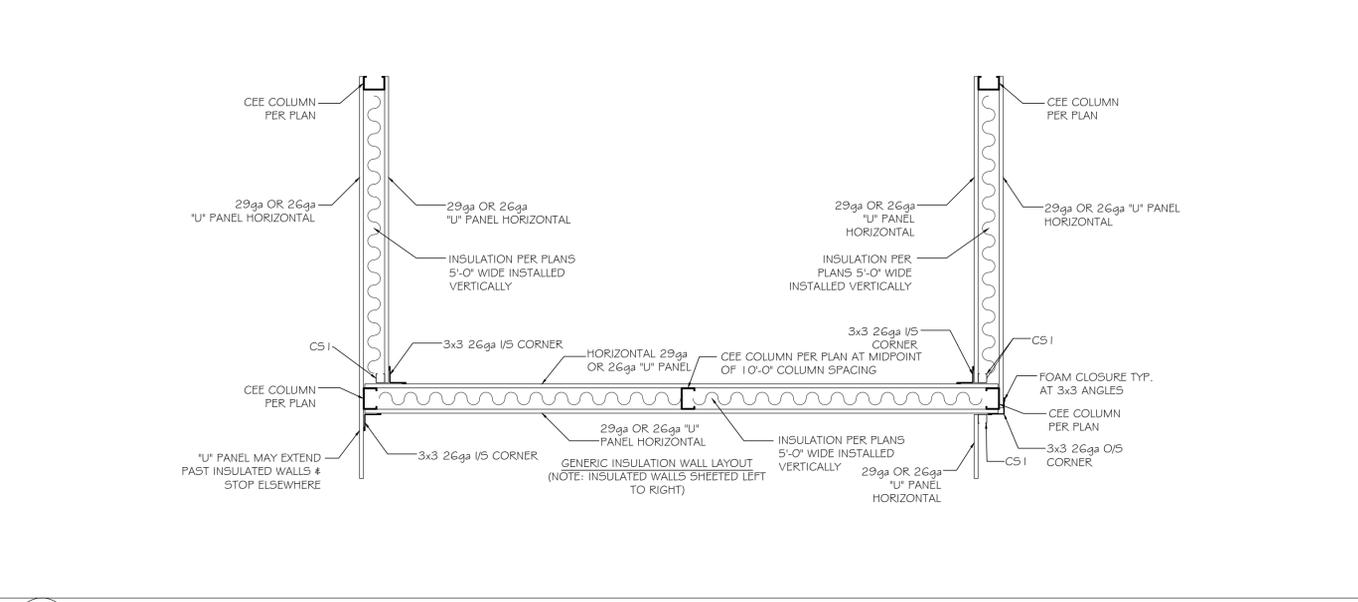
3 PANEL TO SLAB CONNECTION  
 SD-3 SCALE: 3/4" = 1'



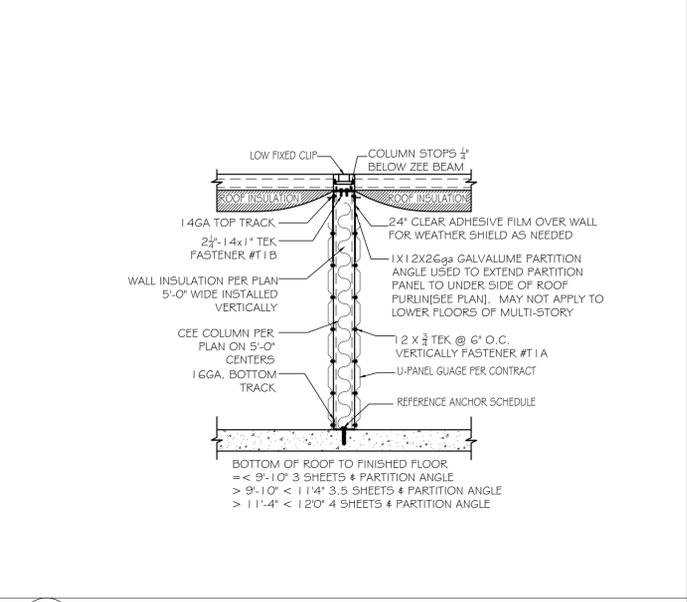
4 PIER TO FOUNDATION DETAIL  
 SD-3 SCALE: 3/4" = 1'



5 INTERIOR INSULATED WALL RUNNING PERPENDICULAR TO PURLINS  
 SD-3 SCALE: 3/4" = 1'



6 INSULATED WALL FRAMING  
 SD-3 SCALE: 3/4" = 1'



7 INTERIOR INSULATED WALL RUNNING WITH PURLINS  
 SD-3 SCALE: 3/4" = 1'



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NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025



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**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**

ENGINEER STAMP

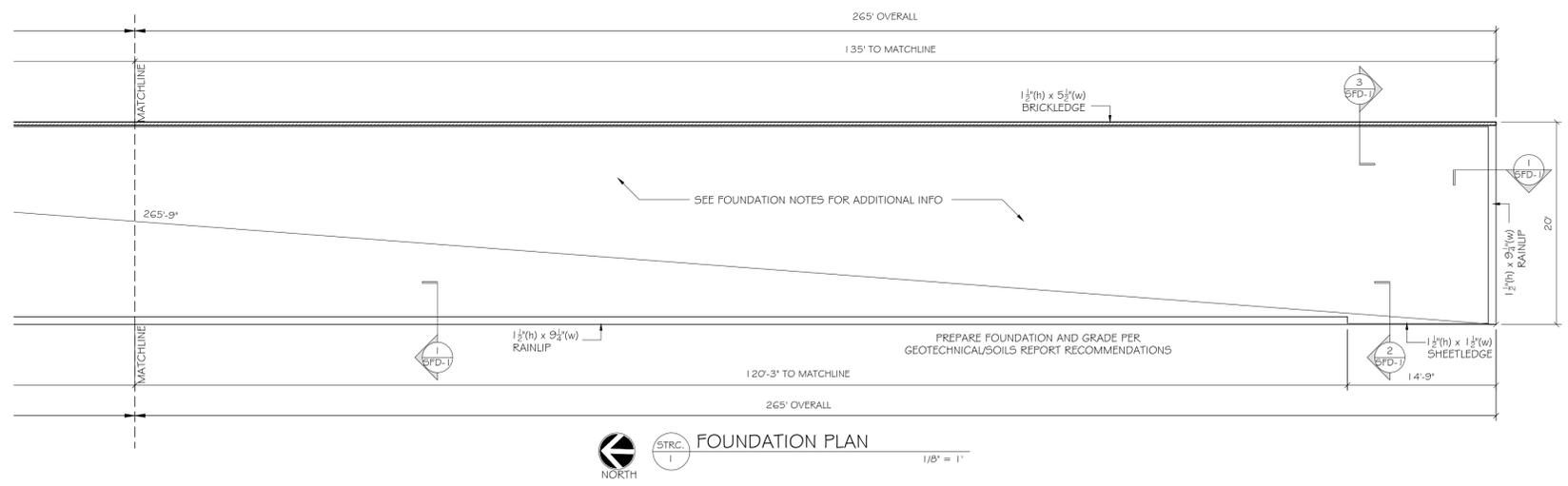
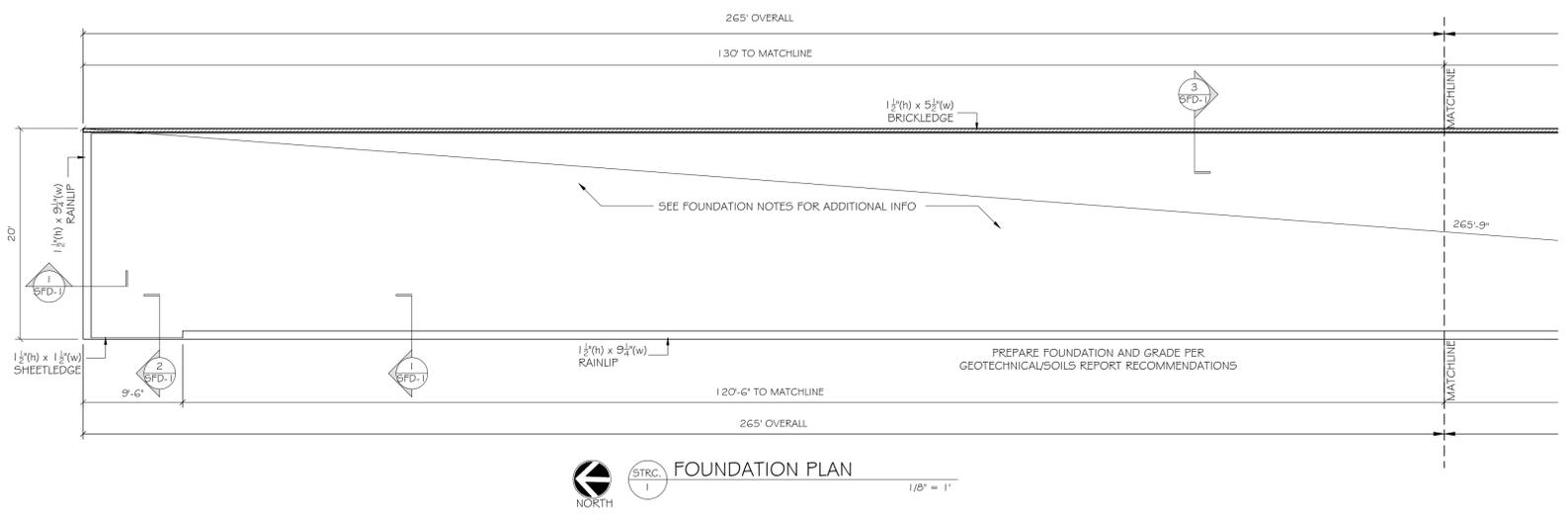
ENGINEER  
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 (317) 438-1199  
 (317) 438-1200

SHEET TITLE

**STRC. 1**  
**FOUNDATION PLAN**

DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

SF-1.0



- NOTES:
- WITHOUT EXCEPTION, ALL RAINLIP, SHEETLEDGE AND BLOCKEDGE SHALL BE 1 - 1/2" DOWN FROM THE FINISHED FLOOR ELEVATION.
  - WITHOUT EXCEPTION, ALL DOOR THRESHOLD SHALL BE 3/4" DOWN FROM THE FINISHED FLOOR ELEVATION. G.C. SHALL VERIFY WIDTH OF RAINLIP, SHEETLEDGE, BLOCKEDGE AND DOOR THRESHOLD WITH CONTRACT DOCUMENTS PRIOR TO FORMING SLAB EDGE.
  - IN THE ABSENCE OF RAINLIP, SHEETLEDGE, BLOCKEDGE OR DOOR THRESHOLD BEING SPECIFIED ON THE PLANS, THE G.C. SHALL VERIFY IN WRITING WITH THE STEEL CONTRACTOR THE INTENT PRIOR TO FORMING SLAB EDGE.
  - RAINLIP, SHEETLEDGE, BLOCKEDGE AND DOOR THRESHOLD ARE VITAL TO THE PROPER FIT OF THE STEEL CONSTRUCTION.
  - G.C. SHALL FIELD VERIFY THE RAINLIP, SHEETLEDGE, AND BLOCKEDGE HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH CONTRACT DOCUMENTS BEFORE STEEL CONSTRUCTION BEGINS.

**SINGLE STORY FOUNDATION PLAN NOTES:**

- FLOOR SLAB SHALL BE 4" THICK,  $F_c = 3,000 \text{ psi}$  CONCRETE REINF W/  $6 \times 6$  W/ 1.4KW 1.4 WWF OVER 10 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. (SEE SLAB ON GRADE DETAILS FOR PLACEMENT OF REINF)
- FIBER REINFORCED CONCRETE IS AN ACCEPTABLE ALTERNATIVE TO WELDED WIRE FABRIC. REINFORCED CONCRETE FIBERS SHALL BE 100% VIRGIN POLYPROPYLENE, FIBRILLATED FIBERS AS MANUFACTURED BY FIBER MESH CO. OR APPROVED EQUAL APPLIED AT A RATE OF 1 1/2 lbs/cy.
- 1/4" SLAB EL = 0'-0", UNO (REFERENCE ONLY) SEE CIVIL DWGS FOR ACTUAL ELEVATION.
- ALL CMU BRG WALLS ARE 8", TYP UNO.
- STEP FTG WHERE SHOWN AND AS REQUIRED TO AVOID INTERFERENCE W/ OTHER TRADES. SEE TYP STEPPED FTG DETAIL.
- ALL FTGS ARE CENTERED BENEATH BEARING WALLS AND COLUMNS, TYP UNO.
- REINF CMU WALLS WITH VERT BAR CENTERED IN GROUT FILLED CELL AT ENDS, CORNERS AND AT MAX SPACING OF #5 VERT. BAR @ 48" o.c. MAX.
- SEE "TYP FILLED CELL PARTIAL PLAN" FOR ADDITIONAL INFORMATION.
- TYPICAL SPACING OF FILLED CELLS SHALL APPLY ABOVE AND BELOW OPENINGS ALSO.  
SEE GENERAL NOTES SHEETS FOR ADDITIONAL INFORMATION.
- (2) #4 x 4'-0" LONG @ 3" C/C PLACED 2" CLEAR FROM CORNER, CENTERED IN SLAB, TYP.
- MAINTAIN STRUCTURAL SLAB THICKNESS AT ALL FLOOR SLOPES AND DEPRESSIONS.
- SEE FOUNDATION DETAIL SHEET FOR MIN. SPACING REQUIRED OF CONTROL JOINTS ON SLAB ON GRADE.

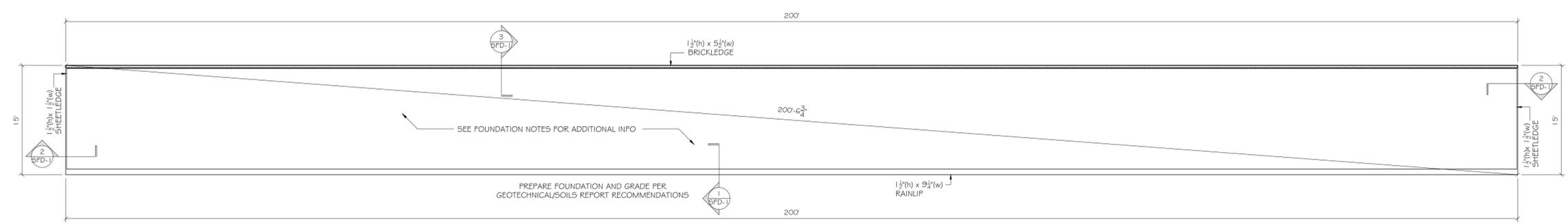




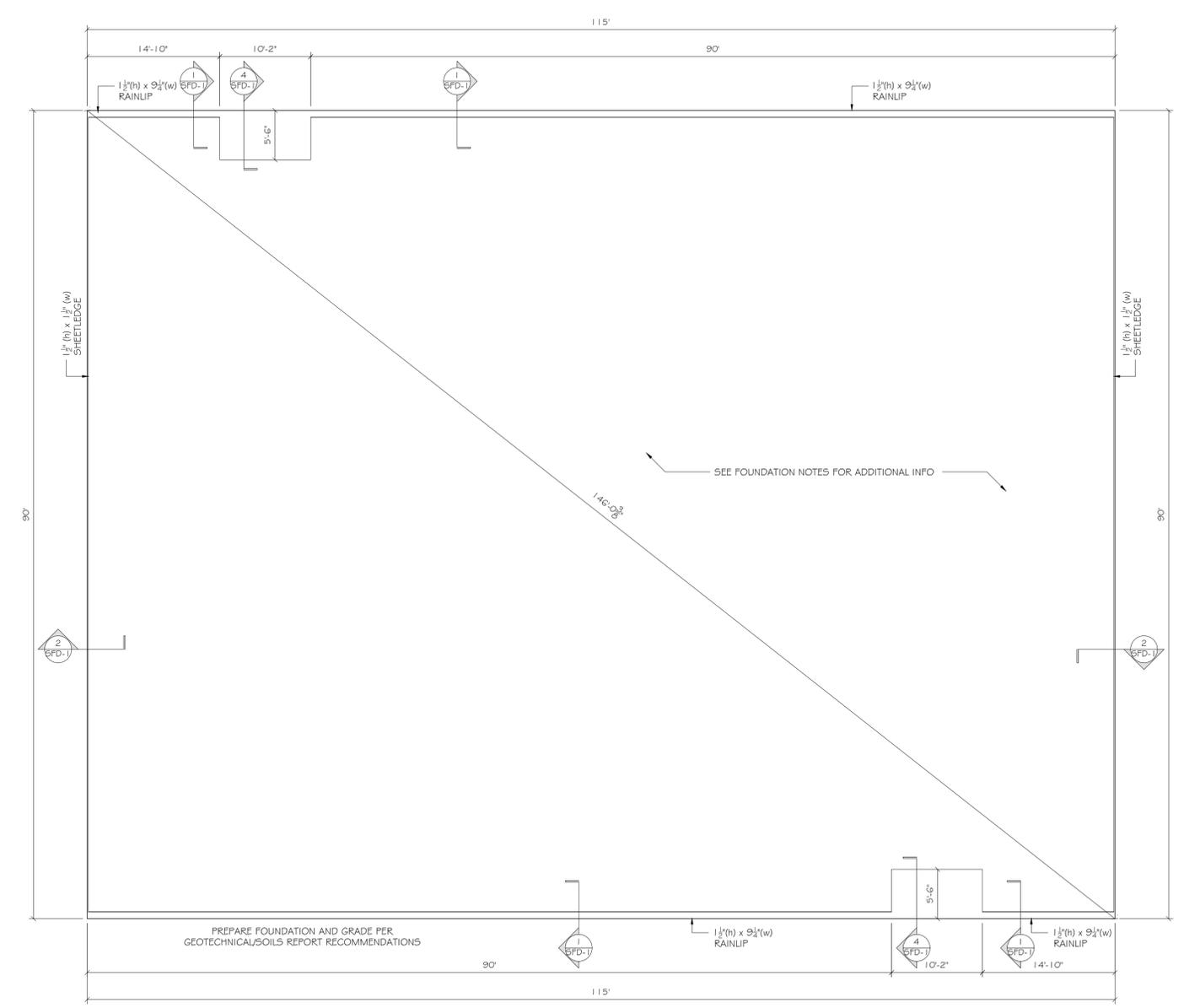
MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FORS	PERMIT COMMENTS	1/4/2024
2	PH	CUSTOMER COMMENTS	1/4/2025
3	PH	CHANGE ORDER	2/25/2025

**MAKORABCO**  
 EAST COAST OFFICE: 1041 CROWN PARK CIRCLE WATER GARDEN FL 34727 PHONE: (800) 989-0220

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**FOUNDATION PLAN**  
 STRC. 5  
 1/8" = 1'



**FOUNDATION PLAN**  
 STRC. 6  
 1/8" = 1'

- NOTES:**
- WITHOUT EXCEPTION, ALL RAINLIP, SHEETLEDGE AND BLOCKEDGE SHALL BE 1-1/2" DOWN FROM THE FINISHED FLOOR ELEVATION.
  - WITHOUT EXCEPTION, ALL DOOR THRESHOLD SHALL BE 3" DOWN FROM THE FINISHED FLOOR ELEVATION.
  - G.C. SHALL VERIFY WIDTH OF RAINLIP, SHEETLEDGE, BLOCKEDGE AND DOOR THRESHOLD WITH CONTRACT DOCUMENTS PRIOR TO FORMING SLAB EDGE.
  - IN THE ABSENCE OF RAINLIP, SHEETLEDGE, BLOCKEDGE OR DOOR THRESHOLD BEING SPECIFIED ON THE PLANS, THE G.C. SHALL VERIFY IN WRITING WITH THE STEEL CONTRACTOR THE INTENT PRIOR TO FORMING SLAB EDGE.
  - RAINLIP, SHEETLEDGE, BLOCKEDGE AND DOOR THRESHOLD ARE VITAL TO THE PROPER FIT OF THE STEEL CONSTRUCTION.
  - G.C. SHALL FIELD VERIFY THE RAINLIP, SHEETLEDGE, AND BLOCKEDGE HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH CONTRACT DOCUMENTS BEFORE STEEL CONSTRUCTION BEGINS.

**SINGLE STORY FOUNDATION PLAN NOTES:**

- FLOOR SLAB SHALL BE 4" THICK,  $F_c = 3,000 \text{ psi}$  CONCRETE REINF W/ #6 @ 1.4w/1.4 WWF OVER 1.0 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. (SEE SLAB ON GRADE DETAILS FOR PLACEMENT OF REINF)
- FIBER REINFORCED CONCRETE IS AN ACCEPTABLE ALTERNATIVE TO WELDED WIRE FABRIC. REINFORCED CONCRETE FIBERS SHALL BE 100% VIRGIN POLYPROPYLENE, FIBRILLATED FIBERS AS MANUFACTURED BY FIBER MESH CO, OR APPROVED EQUAL APPLIED AT A RATE OF 1 1/2 lbs/cy.
- TJ SLAB EL = 0'-0"; UNO (REFERENCE ONLY) SEE CIVIL DWGS FOR ACTUAL ELEVATION.
- ALL CMU BRG WALLS ARE 8", TYP UNO.
- STEP FTG WHERE SHOWN AND AS REQUIRED TO AVOID INTERFERENCE W/ OTHER TRADES. SEE TYP STEPPED FTG DETAIL.
- ALL FTGS ARE CENTERED BENEATH BEARING WALLS AND COLUMNS, TYP UNO.
- REINF CMU WALLS WITH VERT BAR CENTERED IN GROUT FILLED CELL AT ENDS, CORNERS AND AT MAX SPACING OF #5 VERT, BAR @ 48" o.c. MAX.
- SEE "TYP FILLED CELL PARTIAL PLAN" FOR ADDITIONAL INFORMATION.
- TYPICAL SPACING OF FILLED CELLS SHALL APPLY ABOVE AND BELOW OPENINGS ALSO.
- SEE GENERAL NOTES SHEETS FOR ADDITIONAL INFORMATION.
- (2) #4 x 4'-0" LONG @ 3' C/C PLACED 2" CLEAR FROM CORNER, CENTERED IN SLAB, TYP.
- MAINTAIN STRUCTURAL SLAB THICKNESS AT ALL FLOOR SLOPES AND DEPRESSIONS.
- SEE FOUNDATION DETAIL SHEET FOR MIN. SPACING REQUIRED OF CONTROL JOINTS ON SLAB ON GRADE.

**STORAMERICA - MCCORDSVILLE  
 MCCORDSVILLE, IN 46055**

ENGINEER STAMP

ENGINEER  
**ROBERT M. BEATTIE, PE**  
 STATE OF INDIANA PROFESSIONAL ENGINEER NO. 12345  
 EXPIRES 12/31/2026  
 10000 N. STATE ST. #1000  
 INDIANAPOLIS, IN 46203  
 (317) 555-1234  
 www.makorabco.com

SHEET TITLE  
**STRC. 5 & 6**  
 FOUNDATION PLAN

DATE 09-21-23  
 DRAWN BY FOR 5  
 CHECKED BY xxx  
 JOB NO. E-2726  
 SCALE AS NOTED  
 SHEET

SF-4.0

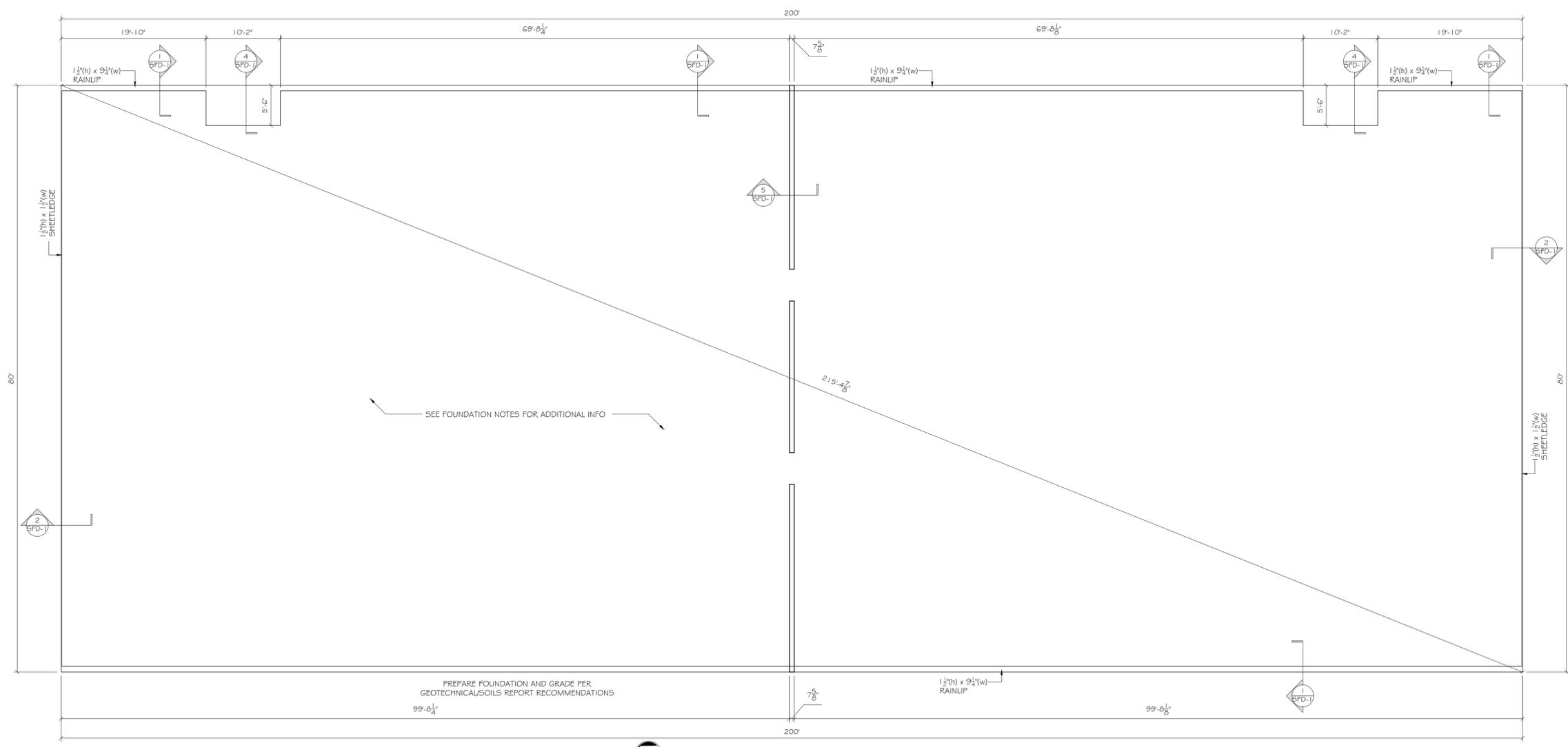


MARKUPS / REVISIONS			
NO.	BY	ISSUE	DATE
1	FOR	PERMIT COMMENTS	1/4/2024
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- NOTES:**
- WITHOUT EXCEPTION, ALL RAINLIP, SHEETLEDGE AND BLOCKEDGE SHALL BE 1-1/2" DOWN FROM THE TYPICAL FINISHED FLOOR ELEVATION.
  - WITHOUT EXCEPTION, ALL DOOR THRESHOLD SHALL BE 3/4" DOWN FROM THE TYPICAL FINISHED FLOOR ELEVATION.
  - G.C. SHALL VERIFY WIDTH OF RAINLIP, SHEETLEDGE, BLOCKEDGE AND DOOR THRESHOLD WITH CONTRACT DOCUMENTS PRIOR TO FORMING SLAB EDGE.
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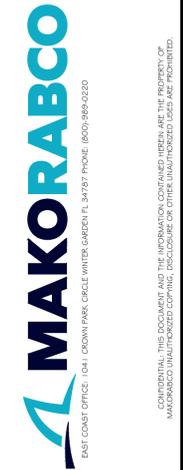
**SINGLE STORY FOUNDATION PLAN NOTES:**

- FLOOR SLAB SHALL BE 4" THICK,  $F_c=3,000\text{psi}$  CONCRETE REINF W/ 6#6 W/ 4#11 4 W/F OVER 10 MIL VAPOR BARRIER ON COMPACTED SUBGRADE. (SEE SLAB ON GRADE DETAILS FOR PLACEMENT OF REINF)
- FIBER REINFORCED CONCRETE IS AN ACCEPTABLE ALTERNATIVE TO WELDED WIRE FABRIC. REINFORCED CONCRETE FIBERS SHALL BE 100% VIRGIN POLYPROPYLENE, FIBRILLATED FIBERS AS MANUFACTURED BY FIBER MESH CO. OR APPROVED EQUAL APPLIED AT A RATE OF 1 1/2lb/cy.
- T/ SLAB EL = 0'-0", UNO (REFERENCE ONLY) SEE CIVIL DWGS FOR ACTUAL ELEVATION.
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- SEE FOUNDATION DETAIL SHEET FOR MIN. SPACING REQUIRED OF CONTROL JOINTS ON SLAB ON GRADE.



PREPARE FOUNDATION AND GRADE PER GEOTECHNICAL/SOILS REPORT RECOMMENDATIONS

**FOUNDATION PLAN**  
1/8" = 1'



**STORAMERICA - MCCORDSVILLE**  
**MCCORDSVILLE, IN 46055**

ENGINEER STAMP

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**SHEET TITLE**  
**STRC. 9**  
**FOUNDATION PLAN**

DATE: 09-21-23  
DRAWN BY: FOR 5  
CHECKED BY: xxx  
JOB NO.: E-2726  
SCALE: AS NOTED  
SHEET

**SF-6.0**

