



**KIRBY
BUILDING
SYSTEMS**

A NUCOR Company

124 KIRBY DRIVE, PORTLAND, TN 37148



METAL BUILDING MANUFACTURERS ASSOCIATION
MEMBER



ACCREDITED
Metal Building Systems
AC 472

GENERAL NOTES:

- | | | | |
|---|--|--|---|
| <p>1. MATERIALS
STRUCTURAL STEEL PLATE
HOT ROLLED MILL SHAPES
COLD FORM SHAPES</p> | <p>ASTM DESCRIPTION
A529 / A572 / A1011
A36 / A529 / A572 / A500
A653 / A1011</p> | <p>1. MATERIALS
ROOF AND WALL SHEETING
BOLTS
CABLE
RODS</p> | <p>ASTM DESCRIPTION
A653 / A792
A307 / A325
A475
A572 / A108</p> |
|---|--|--|---|
2. A325 & A490 BOLT TIGHTENING REQUIREMENTS
BOLTED JOINTS SHALL BE CONNECTED AND INSPECTED IN ACCORDANCE WITH THE "RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS" UNLESS NOTED OTHERWISE ON THE KIRBY ERECTION DRAWINGS. ALL A490 BOLTS SHALL BE PRE-TENSIONED AND ALL A325 BOLTS IN SECONDARY MEMBERS (PURLINS, GIRTS, FRAMED OPENINGS, ETC.) AND ALL FLANGE BRACES MUST BE SNUG TIGHT. PRIMARY FRAMING (RIGID FRAMING AND BRACING) MUST BE SNUG TIGHT EXCEPT AS FOLLOWS:
 - I. BUILDING SUPPORTS A CRANE SYSTEM WITH A CAPACITY GREATER THAN 5 TONS.
 - II. BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT OR STRESS-REVERSALS ON THE CONNECTIONS. THE ENGINEER-OF-RECORD FOR THE PROJECT SHOULD BE CONSULTED TO EVALUATE FOR THIS CONDITION.
 - III. THE PROJECT SITE IS LOCATED IN A HIGH SEISMIC AREA. FOR IBC BASED CODES, "HIGH SEISMIC AREA" IS DEFINED AS A SEISMIC DESIGN CATEGORY OF D, E OR F.
 - IV. ANY CONNECTION DESIGNATED IN THESE DRAWINGS AS A SLIP-CRITICAL CONNECTION MUST BE FREE OF PAINT, OIL, OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY RUSTED SURFACES ARE ACCEPTABLE.
 3. STRUCTURAL SHOP COAT PAINT
THE COAT OF SHOP PRIMER IS INTENDED TO PROTECT THE STEEL FRAMING FOR ONLY A SHORT PERIOD OF EXPOSURE TO ATMOSPHERIC CONDITIONS. SHOP COAT PRIMER DOES NOT PROVIDE THE APPEARANCE, DURABILITY AND/OR PROTECTION OF AN APPROPRIATE FIELD APPLIED FINISH. KIRBY STANDARD SHOP COAT PAINT SHALL MEET OR EXCEED THE REQUIREMENTS OF FEDERAL SPECIFICATION TTP-636.
 4. TEMPORARY PANEL STORAGE
PAINTED BUILDING PANELS WITH FLUOROPOLYMER FINISH ARE HIGH-QUALITY CONSTRUCTION MATERIALS. WHILE IN THE BUNDLE, PANELS SHOULD BE PROTECTED FROM HIGH TEMPERATURE, HUMIDITY AND MOISTURE. OTHERWISE, DAMAGE CAN OCCUR TO THE PAINTED SURFACE OF THE PANEL. PLEASE REFER TO THE "WARNING LABEL" THAT KIRBY APPLIES TO EACH BUNDLE OF FLUOROPOLYMER FINISHED PANELS FOR PROPER STORAGE PROCEDURES.
 5. TEMPORARY BRACING
BUILDER/CUSTOMER SHALL SPECIFICALLY NOTE THAT BRACING FURNISHED BY KIRBY IS INTENDED TO BE USED FOR THE COMPLETED BUILDING. KIRBY DOES NOT REPRESENT OR GUARANTEE THAT THE BRACING WILL BE ADEQUATE AS TEMPORARY BRACING DURING ERECTION OF THE BUILDING.
 6. PANEL HANDLING
METAL BUILDING PANELS ARE WAXED OR OILED FOR FINISH PROTECTION DURING SHIPPING AND STORAGE. THE WAX OR OIL MAKES THE PANELS SLIPPERY AND HAZARDOUS TO WALK ON OR STAND ON. THE WAX OR OIL CAN BUILD UP ON SHOES, GLOVES, AND CLOTHING MAKING CLIMBING OR WALKING ON OTHER COMPONENTS HAZARDOUS.
 7. ERECTION NOTES
THE BUILDING MUST BE ERECTED ACCORDING TO THE FRAMING PLANS, STANDARD DETAILS, SPECIAL DETAILS, AND NOTES TO ASSURE COMPLIANCE WITH DESIGN LOADS AND BUILDING CODE REQUIREMENTS. FIELD MODIFICATION OF THE BUILDINGS OR BUILDING COMPONENTS WHICH WILL AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY AN AUTHORIZED REPRESENTATIVE OF KIRBY BUILDING SYSTEMS.
 8. WELDING SPECIFICATIONS
ALL SHOP WELDS ON MATERIALS GREATER THAN OR EQUAL TO 0.125" IN THICKNESS WERE PRODUCED IN ACCORDANCE WITH THE 2010 AWS D1.1 STRUCTURAL WELDING CODE - STEEL. THE REMAINING WELDS ON OTHER THINNER MATERIALS WERE PRODUCED IN ACCORDANCE WITH THE 2008 AWS D1.3 STRUCTURAL WELDING CODE - SHEET STEEL. ALL WELDING WAS PERFORMED BY AWS CERTIFIED WELDERS.
 9. BUILDING MAINTENANCE MANUAL
AVAILABLE AT http://www.kirbybuildingsystems.com/for_metal_building_systems_builders.asp

JOB NUMBER: K19U0659A
BUYER: MTD ERECTORS, INC.
PROJECT: ALPHA RIDGE - STORAGE SHED
LOCATION: COLUMBIA, MD 21046

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E1	ANCHOR BOLT PLAN
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E4	ROOF FRAMING/SHEETING PLAN
E5	SIDEWALL FRAMING / SHEETING: LINE A
E6	SIDEWALL FRAMING / SHEETING: LINE C
E7	ENDWALL FRAMING: LINE 1
E8	ENDWALL SHEETING: LINE 1
E9	ENDWALL FRAMING: LINE 5
E10	ENDWALL SHEETING: LINE 5

BUILDING LOADS / DESCRIPTION:

CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS, INC., IF ERECTED AS INDICATED. NOTE THAT KIRBY'S ENGINEER IS NOT ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT. DESIGN LOADS HAVE BEEN APPLIED IN ACCORDANCE WITH THE FOLLOWING.

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY: IBC 18

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

ROOF DEAD LOAD: 2.500 PSF (ROOF PANELS & PURLINS)
RISK CATEGORY: II - Normal

COLLATERAL LOAD: 3.000 PSF
GROUND SNOW LOAD: 30.000 PSF
ROOF SNOW LOAD: 23.630 PSF
RAIN ON SNOW SURCHARGE: N/A
ROOF LIVE LOAD: 40.000 PSF
FRAME LIVE LOAD: 40.000 PSF
ULTIMATE WIND SPEED V_{ult}: 115 MPH
NOMINAL WIND SPEED V_{nom}: 89 MPH
SEISMIC CRITERIA: Ss: 0.180 S1: 0.050 SDS: 0.171 SD1: 0.050
SEISMIC USE GROUP: N/A
SEISMIC DESIGN CATEGORY: B

WIND EXPOSURE: C
WIND HEIGHT: 1.000
WIND GUST COEFFICIENT: GC_{pi} +/- 0.180
WIND COMPONENTS & CLADDING: + 31 PSF, - 42 PSF

SEISMIC DESIGN CATEGORY: B

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
STRUCTURAL SYSTEM: NOT DETAILED FOR SEISMIC
LATERAL DIRECTION - BASE SHEAR: 2.340 KIPS R: 3.000 CS: 0.057
LONGITUDINAL DIRECTION - BASE SHEAR: 2.280 KIPS R: 3.000 CS: 0.057

THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE DESIGN CODE LISTED ABOVE. ALL EXTERIOR COMPONENTS (WINDOWS, DOORS, ETC) MUST MEET WIND LOADING REQUIREMENTS FOR THE BUILDING CODE LISTED ABOVE OR MUST BE ADEQUATELY PROTECTED DURING A HIGH WIND EVENT. ALL GLAZING AND OTHER APPLICABLE OPENINGS IN WINDBORNE DEBRIS REGIONS MUST BE IMPACT-RESISTANT OR PROTECTED WITH AN IMPACT-RESISTANT COVERING. IMPACT RESISTANT MATERIALS MUST MEET THE LARGE AND/OR SMALL MISSILE TEST OF ASTM E 1996 AND ASTM E 1886.

THE DESIGN OF STRUCTURAL MEMBERS SUPPORTING GRAVITY LOADS IS CONTROLLED BY THE MORE CRITICAL EFFECT OF ROOF LIVE LOAD OR ROOF SNOW LOAD, AS DETERMINED BY THE APPLICABLE CODE.

DEAD LOAD: NORMAL WEIGHT OF METAL BUILDING COMPONENTS AS SUPPLIED BY THE MANUFACTURER
MINIMUM SNOW LOAD IS BASED ON THE MINIMUM ROOF SNOW LOAD CALCULATED PER BUILDING CODE OR THE CONTRACT-SPECIFIED ROOF SNOW LOAD, WHICHEVER IS GREATER. THIS VALUE FOR THE MINIMUM SNOW LOAD IS ONLY APPLIED IN COMBINATION WITH DEAD AND COLLATERAL LOADS. ROOF SNOW IN OTHER LOADING CONDITIONS IS DETERMINED PER THE SPECIFIC BUILDING CODE.
FOR OCCUPANCY CATEGORY I OR II BUILDINGS, IBC ALLOWS FOR SINGLE STORY BUILDINGS TO HAVE NO LIMIT FOR SEISMIC STORY DRIFT. PLEASE NOTE THAT ANY INTERIOR WALLS, PARTITIONS, CEILINGS, AND EXTERIOR WALLS SHOULD BE DETAILED (BY OTHERS) TO ACCOMMODATE THIS STORY DRIFT.

OTHER LOADS:

ENGINEER NOTES:

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MAR 13 2020

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PROFESSIONAL CERTIFICATION: I HAROLD W. GREGORY, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 20895, EXPIRATION DATE: 1/8/2021

PRIMER:
STRUCTURAL FRAMING: GP - GRAY PRIMER
WALL SECONDARY: GP - GRAY PRIMER
ROOF SECONDARY: GP - GRAY PRIMER

ROOF PANELS:
TYPE: 24 Ga. STANDING SEAM 390 (SS3)
LOW SYSTEM, NO THERMAL SPACERS
COLOR: TBK

WALL PANELS:
TYPE: 26 Ga. KIRBY RIB (KR2)
COLOR: TBK

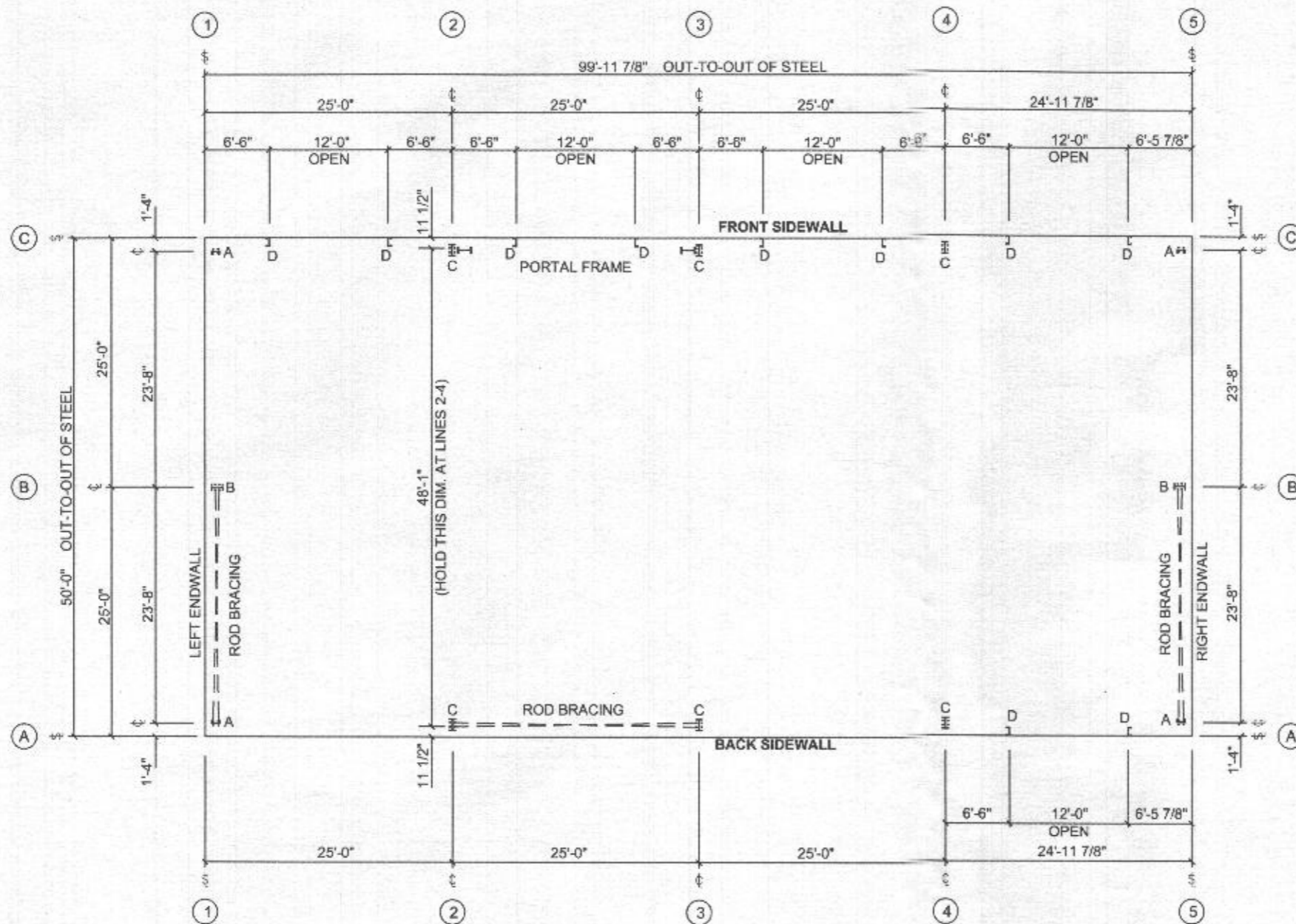
TRIM COLORS:
ROOF LINE TRIM: TBK
DOWNSPOUTS: TBK
WALL CORNER TRIM: TBK
BASE TRIM: TBK
FRAMED OPENING TRIM: TBK

NOTE: ANY VARIANCE FROM THE PANEL TYPES OR COLORS LISTED HERE WILL BE NOTED ON THE ELEVATION DRAWINGS.

PERMIT DRAWINGS

THESE DRAWINGS ACCURATELY DEPICT THE FINAL DESIGN OF THIS PROJECT AND MAY BE USED TO VERIFY THE SCOPE OF WORK. PRIOR TO THE DELIVERY OF THIS PROJECT, A SET OF DRAWINGS WILL BE ISSUED WITH THE PIECE-MARKS AND ADDITIONAL DETAIL NECESSARY FOR THE CONSTRUCTION OF THIS METAL BUILDING SYSTEM. NOTE: THESE DRAWINGS ARE NOT TO BE USED AS APPROVAL DRAWINGS AND ANY CHANGES MADE MAY DELAY THE DELIVERY OF THIS PROJECT.



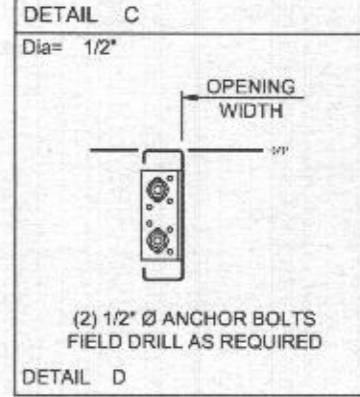
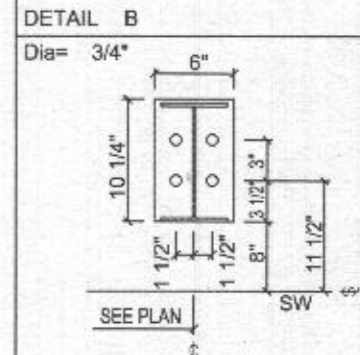
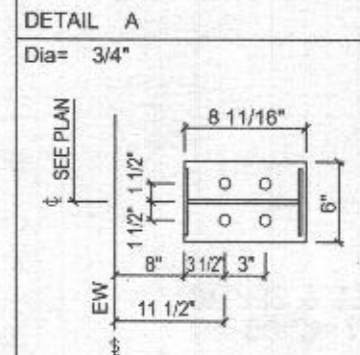
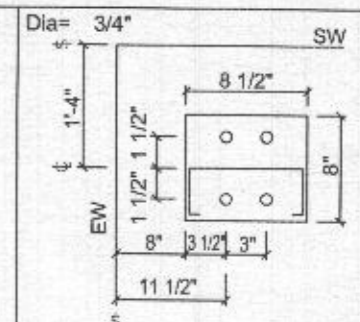


ANCHOR BOLT PLAN
 NOTE: ALL BASE PLATES @ 100'-0" (U.N.)
 FINISHED FLOOR @ 100'-0"

GENERAL NOTES:

AN1. ALL DIMENSIONS ARE OUT TO OUT OF STEEL. IF CONCRETE NOTCH IS REQUIRED, THEN THE REQ'D DIMENSIONS SHOULD BE ADDED TO OBTAIN THE OUT TO OUT OF CONCRETE DIMENSIONS.
 AN2. THIS DRAWING INDICATES WHERE THE ANCHOR BOLTS ARE TO BE PLACED AS WELL AS THE FOOTPRINT OF THE METAL BUILDING. IT IS ESSENTIAL THAT THESE BOLT PATTERNS BE FOLLOWED. IF THESE SETTINGS DIFFER FROM THE ARCHITECTURAL FOUNDATION PLANS, THE METAL BUILDING MANUFACTURER MUST BE CONTACTED IMMEDIATELY, BEFORE CONCRETE IS PLACED.
 AN3. EACH SPECIFIED ANCHOR BOLT DIAMETER ASSUMES F1554 GRADE 35 UNLESS NOTED OTHERWISE. ANCHOR BOLTS OF EQUAL DIAMETER THAT EXCEED THE F1554-35 STRENGTH REQUIREMENT MAY BE USED AT THE DISCRETION OF THE FOUNDATION ENGINEER.

AN4. PROJECT FOUNDATION DESIGN SHALL BE THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER FAMILIAR WITH LOCAL SITE CONDITIONS, NOT THE METAL BUILDING MANUFACTURER.
 AN5. THE METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR ANCHOR BOLTS INCLUDING WASHERS AND NUTS, EXPANSION BOLTS, EMBEDMENT PLATES, NOR ANY OTHER MATERIALS THAT MAY BE CONSIDERED PART OF THE FOUNDATION.
 AN6. THE ANCHOR BOLT LOCATIONS SHOWN SATISFY PERMITS REQUIREMENTS OF THE DESIGN OF THE METAL BUILDING. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR ALL ANCHOR BOLTS.
 AN7. DRAWINGS ARE NOT TO SCALE. SEE DETAILS FOR COLUMN ORIENTATION.



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 METAL BUILDING FABRICATORS ASSOCIATION

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 615-325-4165

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TITLE: ANCHOR BOLT PLAN
 BUYER: MTD ERECTIONS
 PROJECT: ALPHA ROAD - RECYCLING STORAGE SHED
 LOCATION: COLUMBIA, MD 21046
 DATE: _____
 DATE: _____
 DATE: _____
 DWG. NO.: E1 OF 10

DATE	BY	DESCRIPTION	ISSUE	DETAIL KEY
10/25/18 <td>BAL <td>APPROVAL <td>A <td>EXAMPLE PAGE</td> </td></td></td>	BAL <td>APPROVAL <td>A <td>EXAMPLE PAGE</td> </td></td>	APPROVAL <td>A <td>EXAMPLE PAGE</td> </td>	A <td>EXAMPLE PAGE</td>	EXAMPLE PAGE
1/8/20 <td>BAL <td>APPROVAL <td>A1 <td>CALLOUT</td> </td></td></td>	BAL <td>APPROVAL <td>A1 <td>CALLOUT</td> </td></td>	APPROVAL <td>A1 <td>CALLOUT</td> </td>	A1 <td>CALLOUT</td>	CALLOUT
				DETAIL NAME
				ADDENDUM

IF NO PAGE IS CALLED OUT, SEE D-PAGES AT END OF DRAWING SET.

PERMIT DRAWINGS

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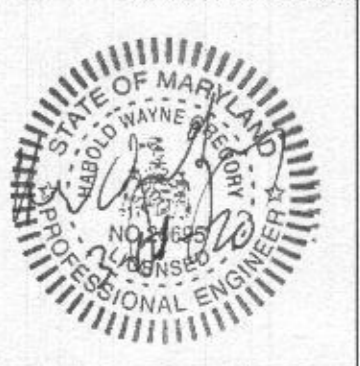
CERTIFICATION DATUMS ONLY FOR THE LOADS SPECIFIED ON PERMITS. THE PERMITS COMPONENTS OF THE METAL BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS, IF ERRECTED AS INDICATED, NOTE THAT KIRBY'S ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT.

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A.B. SIZE AND PROJECTION	ANCHOR BOLT QUANTITY		PROJECTION
	QTY.	BOLT DIA.	(* P)
AS REQ'D	48	1/2"	N/A
		3/4"	2-1/2"
		1"	3"
		1-1/4"	3-1/2"
		1-1/2"	3-1/2"

ANCHOR BOLT SHAPE IS TO BE DETERMINED BY THE FOUNDATION ENGINEER.

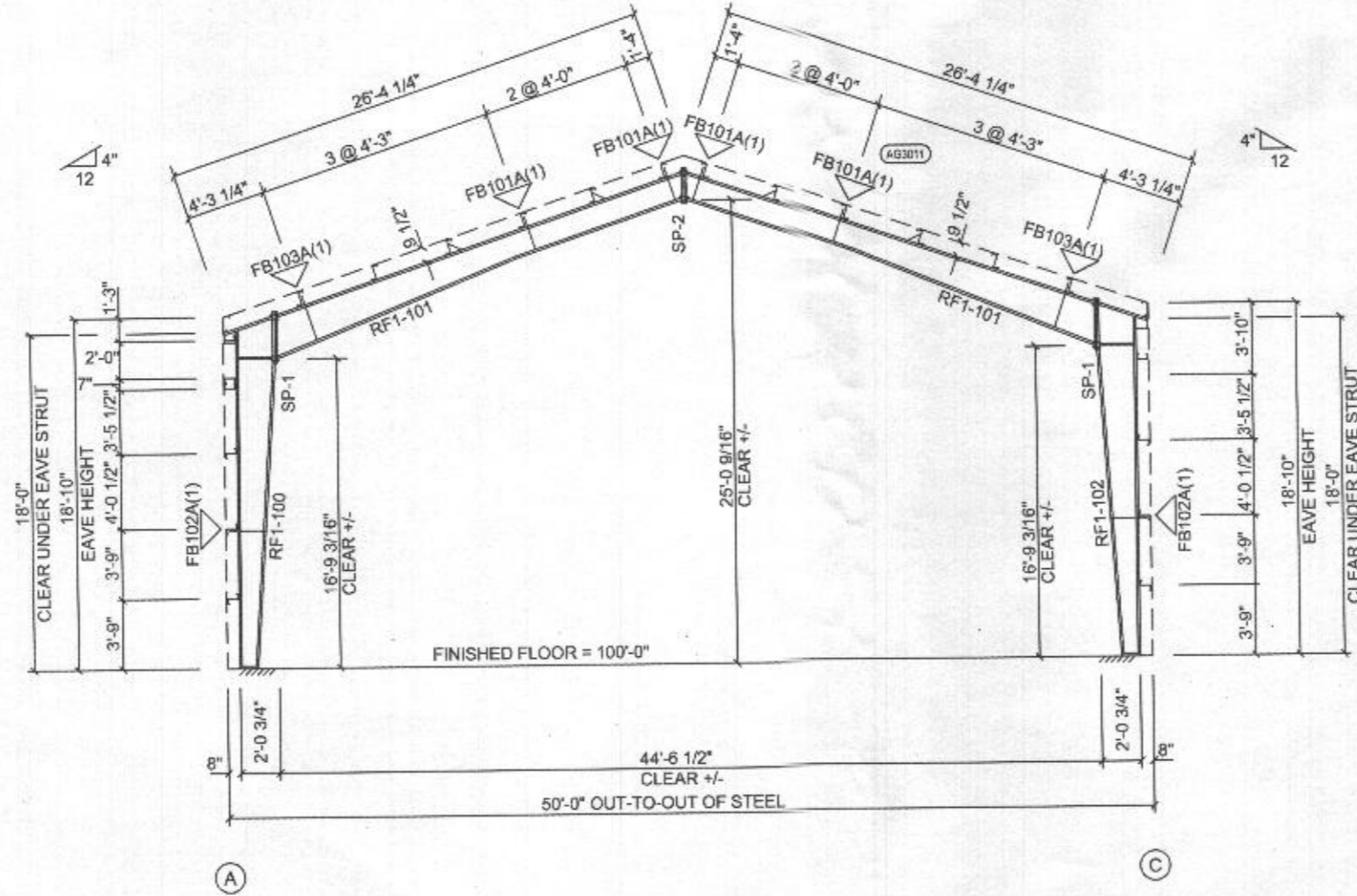
BOLT MATERIAL IS TO BE ASTM F1554-36.
 ** ANCHOR BOLT EMBEDMENT LENGTH 'D' IS TO BE DETERMINED BY THE FOUNDATION ENGINEER.



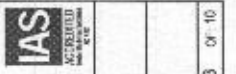
SPLICE PLATE & BOLT TABLE

Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	3"	6"	5/8"	2'-8 5/8"
SP-2	4	4	0	A325	3/4"	3"	6"	3/8"	1'-10"

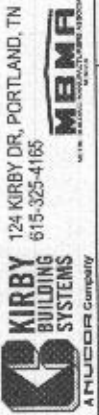
▽ FLANGE BRACES: (1) One Side; (2) Two Sides
 FBxxA(1)
 A - L2525105



RIGID FRAME ELEVATION: FRAME LINE 4



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DATE	BY	DESCRIPTION	ISSUE	DETAIL KEY
10/25/19	BAL	APPROVAL	A	EXAMPLE
11/20	BAL	APPROVAL	A1	PAGE
2/24/20	ASD	APPROVAL	A2	CALLOUT
3/4/20	ASD	PERMIT	P	DETAIL NAME

PERMIT DRAWINGS

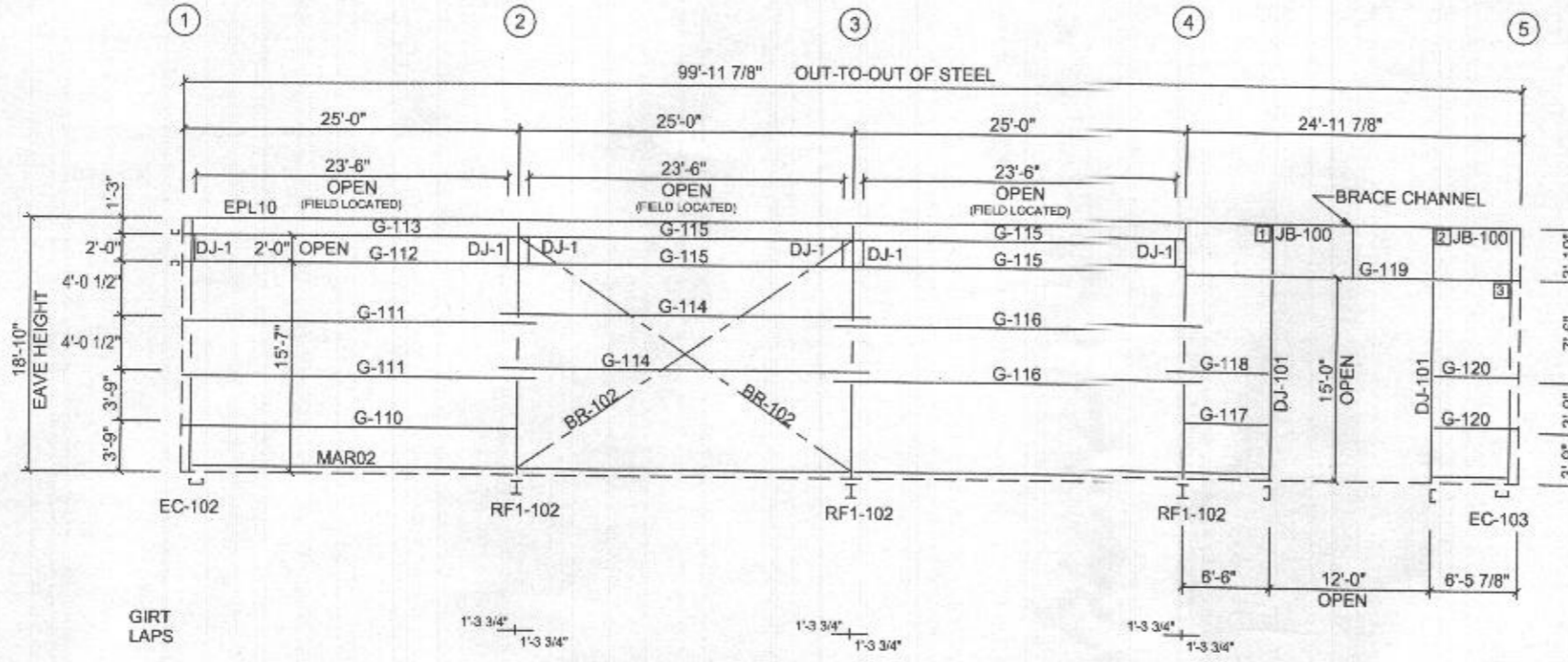
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 DIVISION

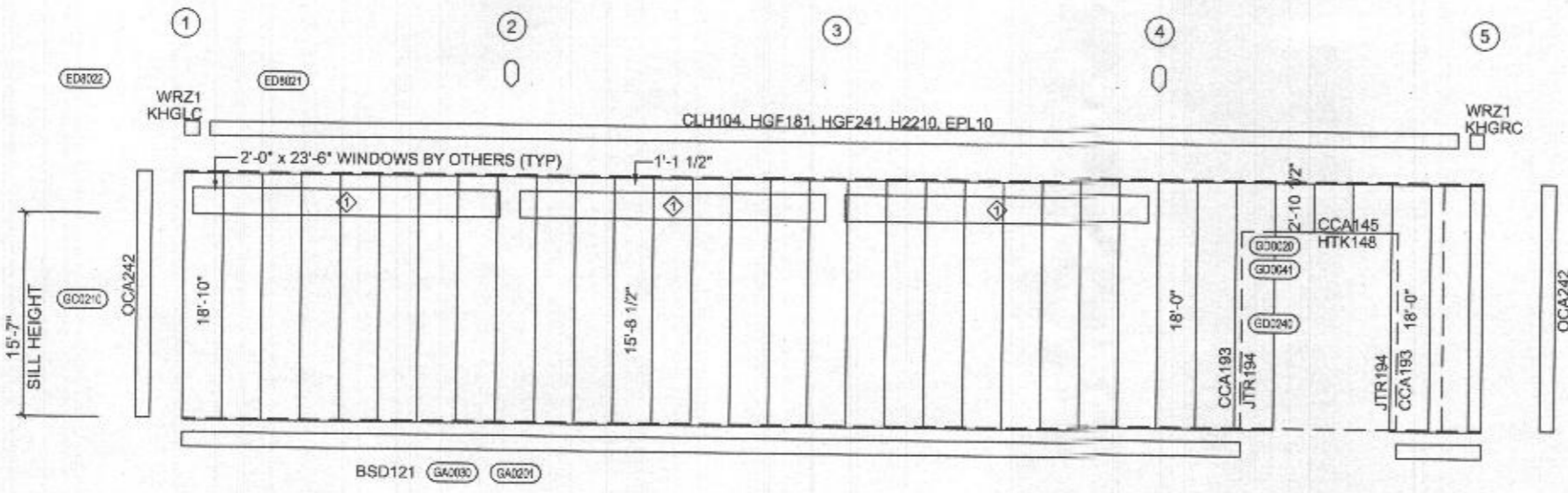


CONNECTION PLATES		
FRAME LINE C		
ID	QUAN	MARK/PART
1	2	KAC01
2	1	GCC51 + GCB60 + KAC01

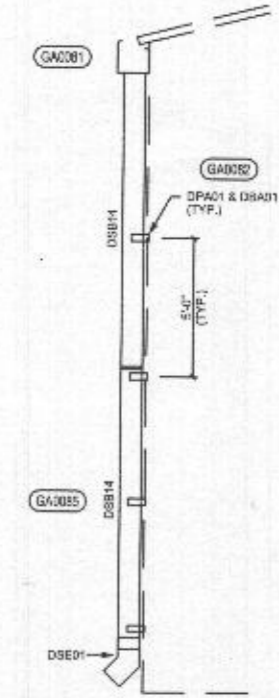


NOTE: THIS GIRT SPACING IS FOR BAY #4 ONLY

BACK SIDEWALL FRAMING: FRAME LINE A



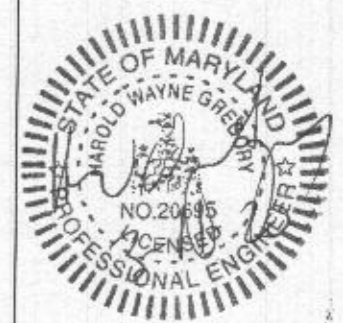
BACK SIDEWALL SHEETING & TRIM: FRAME LINE A



DOWNSPOUT @ SHEETED WALL

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DESIGN & CONSTRUCTION DIVISION



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IF NO PAGE IS CALLED OUT, SEE CHANGES AT END OF DRAWING SET.

ISSUE	DESCRIPTION	BY	DATE
A	APPROVAL	BAL	10/26/19
A1	APPROVAL	BAL	10/20
A2	APPROVAL	ASD	2/24/20
P	PERMIT	ASD	3/4/20

DETAIL KEY	EXAMPLE
PAGE	CALLOUT
NAME	AG001

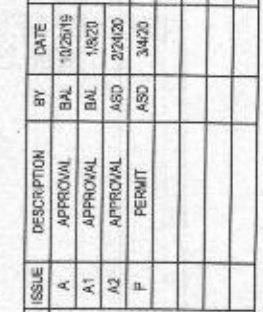
TITLE	BY	DATE
SIDEWALL FRAMING / SHEETING: LINE A	MTD	3/4/20

PROJECT	LOCATION
ALPHA-RIDE RECYCLING STORAGE SHED	COLUMBIA, MD 21046

JOB NO.	DWG NO.	DATE
K'190659A	E5	03/10

FINAL BY: DATE: MTD
 PROJECT: ALPHA-RIDE RECYCLING STORAGE SHED
 LOCATION: COLUMBIA, MD 21046
 JOB NO: K'190659A
 DWG NO: E5
 DATE: 03/10

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BOLT TABLE			
FRAME LINE 1			
LOCATION	QUAN	TYPE	LENGTH
ER 1/ER 2	8	A325	5/8" 2 1/4"
Columns/Raf	4	A325	1/2" 2"

CONNECTION PLATES		
FRAME LINE 1		
ID	QUAN	MARK/PART
1	2	JCP02 + GCB74
2	4	GCC22 + GCB60 + MAG01 + KAC01
3	2	GCB60 + KAC01

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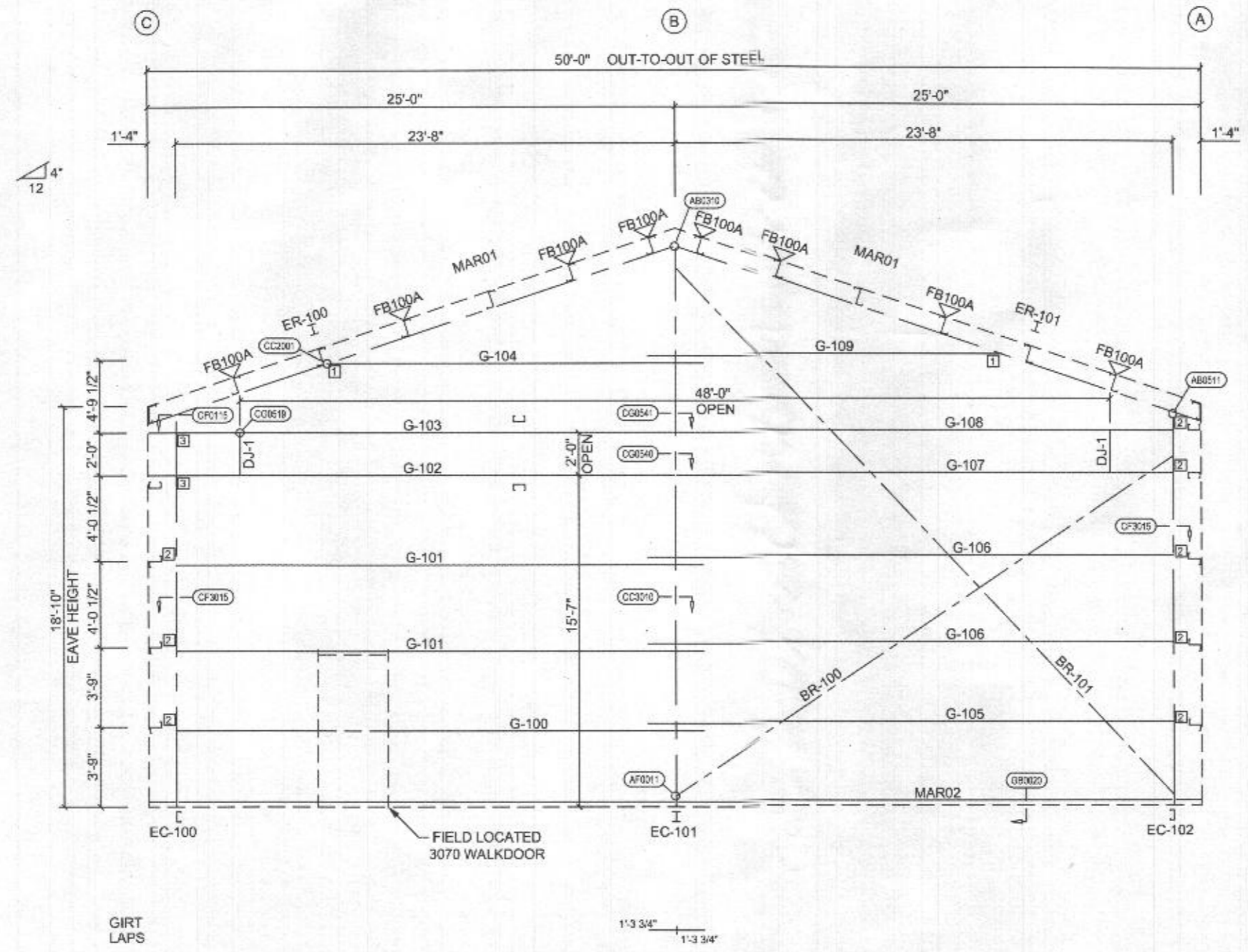
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DATE: 10/25/19
BY: BAL
APPROVAL: BAL
DATE: 1/8/20
BY: ASD
APPROVAL: ASD
DATE: 2/24/20
BY: ASD
PERMIT: ASD
DATE: 3/4/20

FINAL BY: DATE:
BUYER: MTD Erectors
PROJECT: A-PA-RIDGE - RECYCLING STORAGE SHED
LOCATION: COLUMBIA, MD 21046
JOB NO: KTR0588A
DWG. NO: E7 OF 10



LEFT ENDWALL FRAMING: FRAME LINE 1

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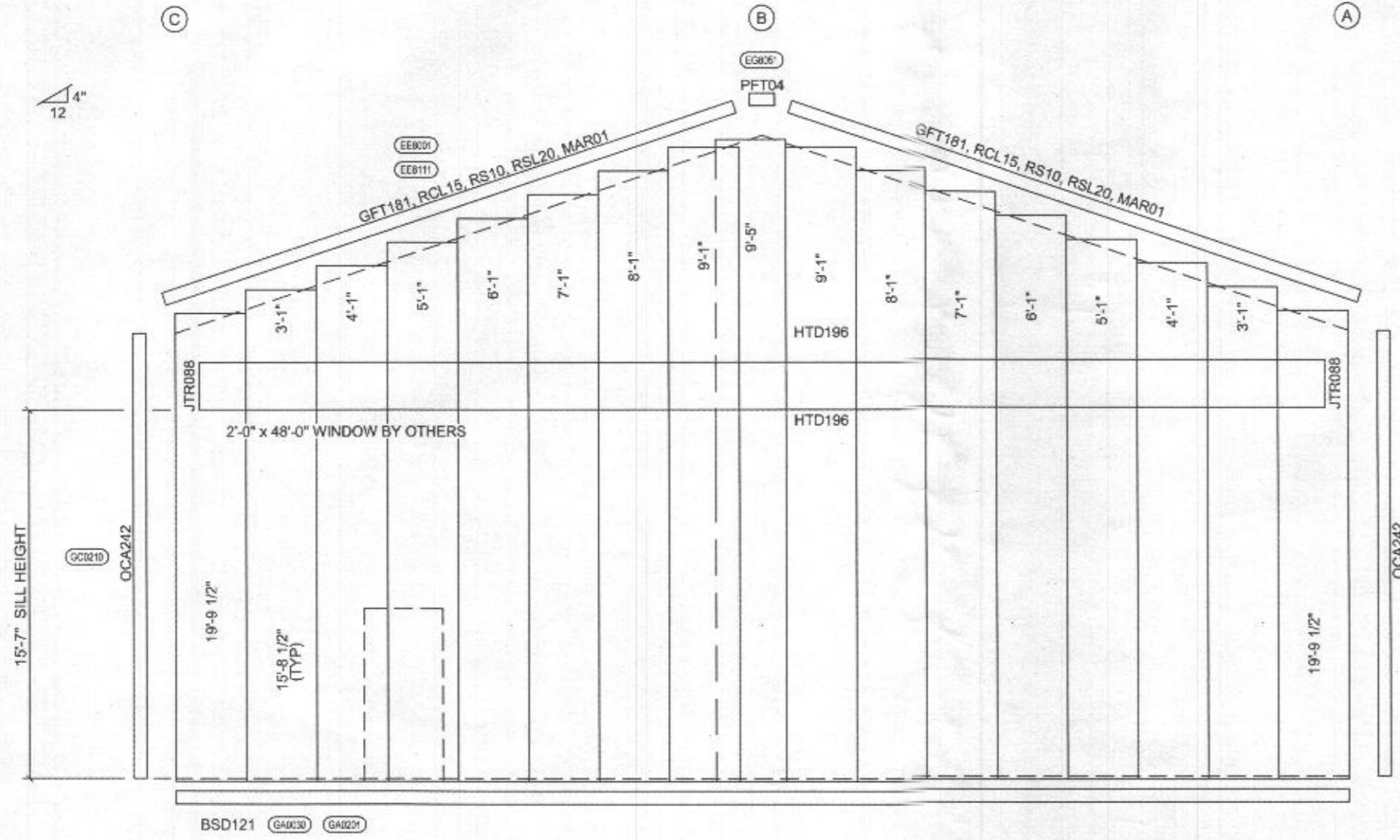
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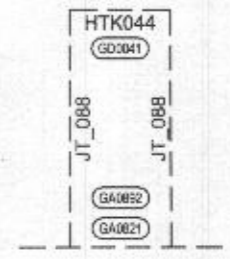
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ISSUE	DESCRIPTION	BY	DATE
A	APPROVAL	BAL	10/25/19
A1	APPROVAL	BAL	1/8/20
A2	APPROVAL	ASD	2/24/20
P	PERMIT	ASD	3/4/20



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1

FIELD LOCATED ACCESSORIES:
 (1) PRE-ASSEMBLED WALK DOORS: PA3070



IAS
KIRBY BUILDING SYSTEMS
 124 KIRBY DR, PORTLAND, TN
 615-325-4165
MBMA
 A MFCOR COMPANY

BUYER: MTD ERECTORS
 PROJECT: ALPHA HOGE - RECYCLING STORAGE SHED
 LOCATION: COLUMBIA, MD 21046
 JOB NO: K18068A

DATE: 10/25/19
 BY: BAL
 APPROVAL: BAL
 DATE: 1/8/20
 BY: ASD
 APPROVAL: ASD
 DATE: 2/26/20
 BY: ASD
 APPROVAL: ASD
 DATE: 3/4/20

TITLE: ENDWALL SHEETING: LINE 1
 FINALS BY: DATE:
 BUYER: MTD ERECTORS
 DATE:
 PROJECT: ALPHA HOGE - RECYCLING STORAGE SHED
 CAD BY: DATE:
 LOCATION: COLUMBIA, MD 21046
 DATE:
 JOB NO: K18068A
 DWS: E8 OF 10

ISSUE	DESCRIPTION	BY	DATE
A	APPROVAL	BAL	10/25/19
A1	APPROVAL	BAL	1/8/20
A2	APPROVAL	ASD	2/26/20
P	PERMIT	ASD	3/4/20

DETAIL KEY
 EXAMPLE: HTK044 (GD3041)
 JT_068 (GA0052)
 JT_088 (GA0021)
 E7 (AG0081)

IF NO PAGE IS CALLED OUT, SEE D-PAGES AT END OF DRAWING SET.

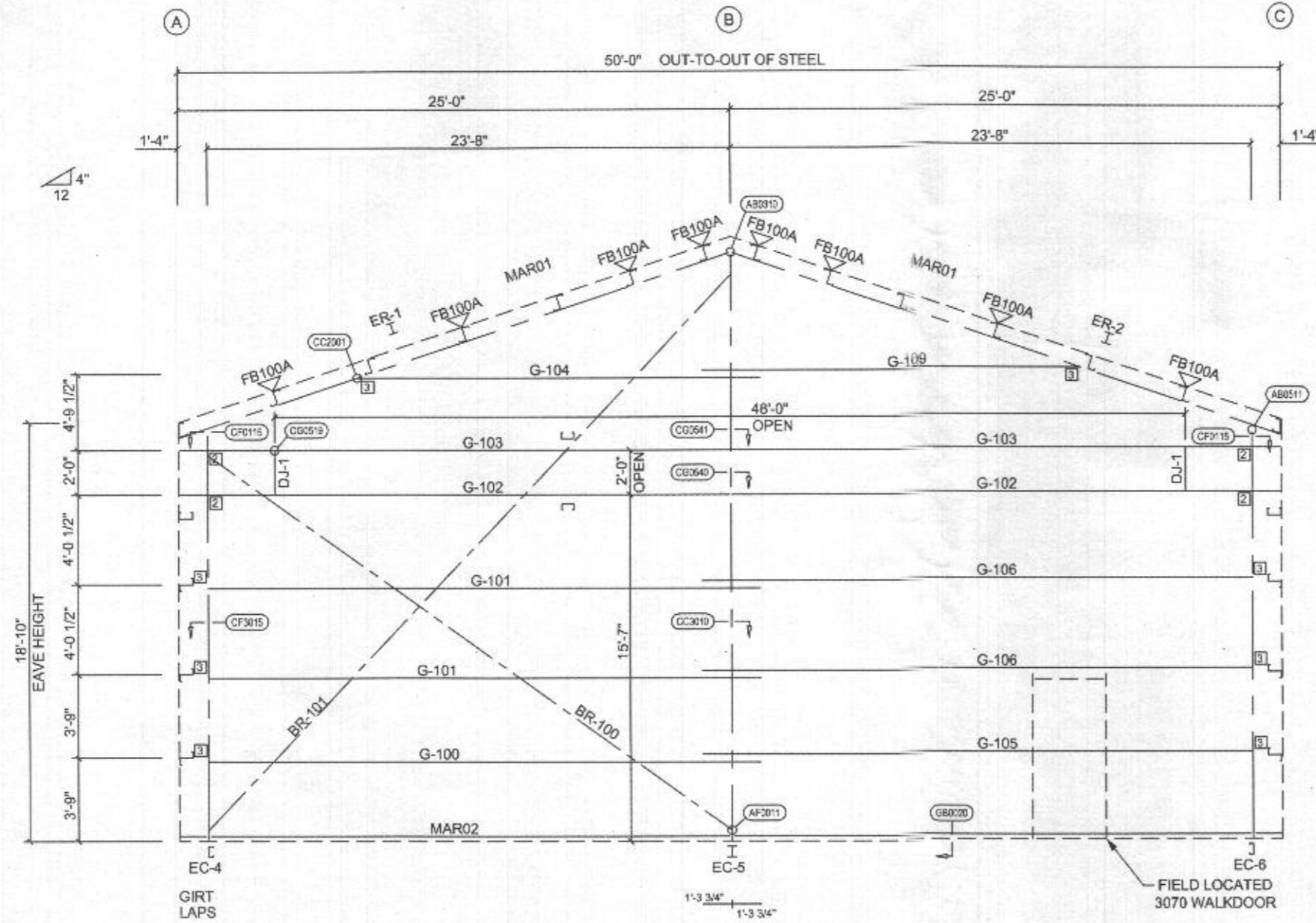
PERMIT DRAWINGS

THESE DRAWINGS ACCURATELY DEPICT THE FINAL DESIGN OF THIS PROJECT AND MAY BE USED TO VERIFY THE SCOPE OF WORK. PRIOR TO THE DELIVERY OF THIS PROJECT, A SET OF DRAWINGS WILL BE ISSUED WITH THE PERMITS AND ADDITIONAL DETAIL NECESSARY FOR THE CONSTRUCTION OF THIS METAL BUILDING SYSTEM. NOTE: THESE DRAWINGS ARE NOT TO BE USED AS APPROVAL DRAWINGS AND ANY CHANGES MADE MAY DELAY THE DELIVERY OF THIS PROJECT.

CERTIFICATION EXTENDS ONLY TO THE LOADS SPECIFIED ON KIRBY'S DRAWINGS AND DOES NOT APPLY TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS. IF DIRECTED AS INDICATED, NOTE THAT KIRBY'S ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THE CONSTRUCTION PROJECT.

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RIGHT ENDWALL FRAMING: FRAME LINE 5

BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER 1/ER 2	8	A325	5/8"	2 1/4"
Columns/Raf	4	A325	1/2"	2"

CONNECTION PLATES		
FRAME LINE 5		
ID	QUAN	MARK/PART
1	2	JCP02 + GCB74
2	4	GCC51 + GCB60 + KAC01
3	4	GCC22 + MAG01 + GCB60 + KAC01

IAS
124 KIRBY DR. PORTLAND, TN
615-325-4165

KIRBY BUILDING SYSTEMS
A HULCO COMPANY

MEMFR
MEMBER OF THE MFR GROUP

FINAL BY: DATE:
 BUTER: MTD ERECTORS
 PROJECT: A 9A RDGE - RECYCLING STORAGE SHED
 LOCATION: COLUMBIA, MD 21046
 JOB NO: K18U658A

DATE	BY	DESCRIPTION
10/25/19	BAL	APPROVAL
1/8/20	BAL	APPROVAL
2/24/20	ASD	APPROVAL
3/4/20	ASD	PERMIT

ISSUE	DESCRIPTION
A	ISSUE
A1	APPROVAL
A2	APPROVAL
P	PERMIT

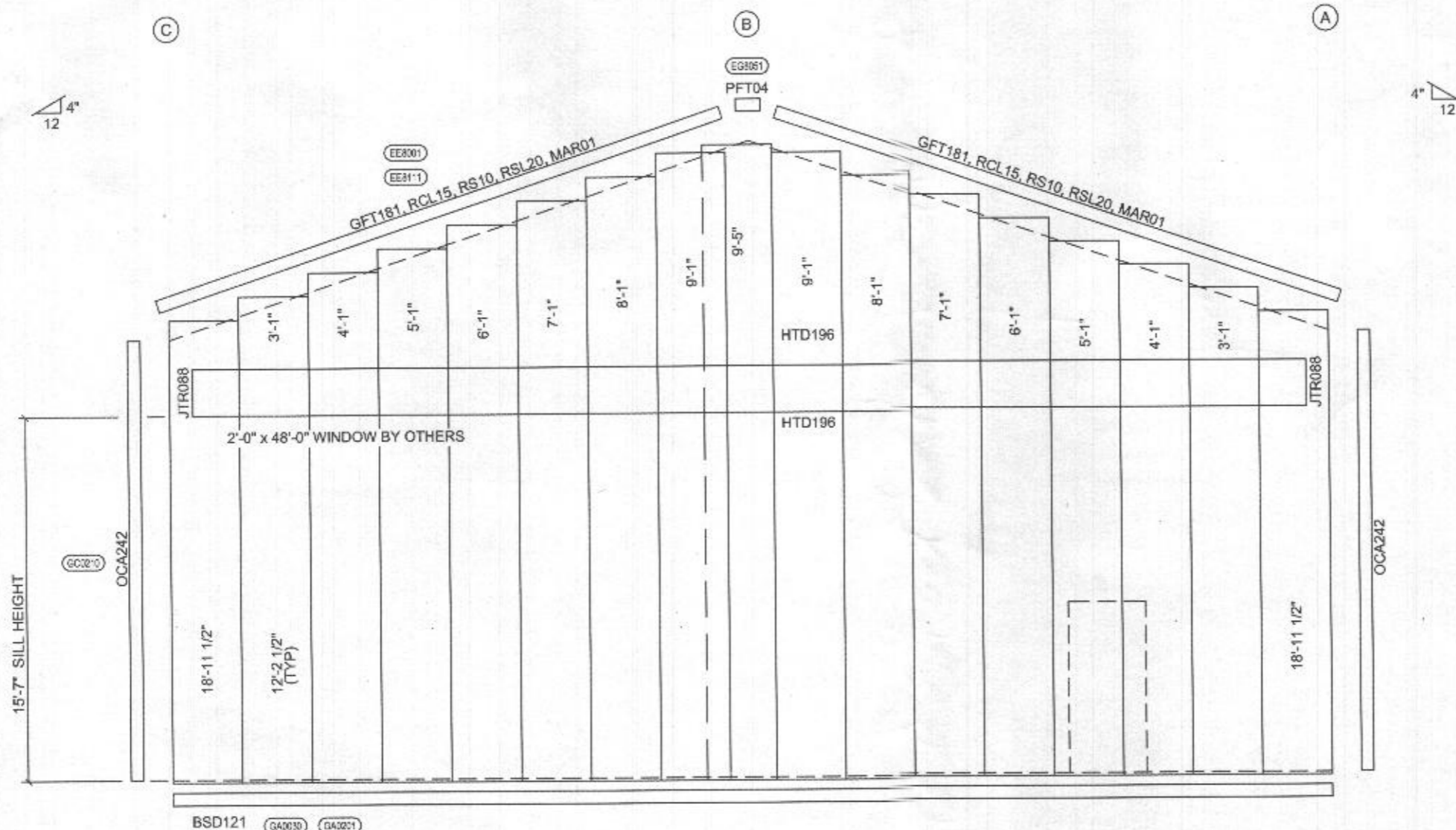
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CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER AS APPLIED TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS. IF ERECTED AS PER THE ENGINEER'S RECORD DRAWINGS, THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT.

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RIGHT ENDWALL SHEETING & TRIM: FRAME LINE 5

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 A NUCOR Company
 124 KIRBY DR, PORTLAND, TN
 615-325-4165
MEMA
 MEMBER SINCE 1997

DATE	BY	DESCRIPTION
1/26/19	BAL	APPROVAL
1/30/20	BAL	APPROVAL
2/24/20	ASD	APPROVAL
3/4/20	ASD	PERMIT

ISSUE	DESCRIPTION
A	APPROVAL
A1	APPROVAL
A2	APPROVAL
P	PERMIT

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CERTIFICATION EXTENDS ONLY FOR THE WORK SPECIFIED ON THESE DRAWINGS AND DOES NOT APPLY TO THE STRUCTURAL COMPONENTS OF THE BUILDING OR TO THE SUPPLIES OR MATERIALS PROVIDED BY OTHERS. THE ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF ANY SYSTEMS, IF ENLARGED AS INDICATED, NOR FOR THE DESIGN OF ANY SYSTEMS, IF ENLARGED AS INDICATED. THE ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THE CONSTRUCTION PROJECT.



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