The Hickman County Finance Office will be accepting bids for a Metal Equipment Storage Building.

All bidders must have a TN business license, carry a 1 million liability insurance and worker compensation insurance and must attach copies of certificates to bid. Bidders must also meet all Local, State, and Federal laws regarding working on school properties as outlined in TCA 49-5-406.

All bidders will be required to submit a conflict of interest disclosure form that can be obtained at www.hickmank12.org/request-for-proposal.

Specifications can be found at: www.hickmank12.org/request-for-proposal or contact the Building Maintenance Office at 931 -729-3391 Ext. 3.

All sealed bids must be mailed or hand delivered to the Hickman County Finance Office, 114 North Central Ave, Suite 203, Centerville TN 37033 and clearly marked on the outside of the mailing envelope "Metal Equipment Storage Building". Sealed bids will be opened on Wednesday, June 2, 2021 at 10:00 a.m. in the Finance Office.

The Hickman County Board of Ed reserves the right to accept, or reject, any and all bids or parts of bids, and to waive any informalities that would prevent its acceptance of a better bid.

Present Penny Mayberry
Candi Dan

Conder Construction 85000.00
Quinn Construction 117,700.00

Conder Construction
Greg Conder
Licensed Contractor
Residential & Commercial
License #41362
3225 Carolina Avenue
Centerville, Tennessee 37033
931-209-6918

BID for Metal Equipment Storage Building
Hickman County Schools
115 Murphree Avenue
Centerville, Tennessee 37033
June 1, 2021

Description of Work
60 x 40 x 18 red iron building with 24 gauge metal
5 inch concrete slab
4 - 12 x 12 side garage doors
1 steel 3070 side entry, no glass, no windows
On slab with red iron and 3 foot lead in poured aprons at each door
3 inch R+W insulation in the roof structure
Grade work included
Commercial gutters

Total BID Price: $85,000.00

*BID price subject to change with rising cost of material



QUINN
CONSTRUCTION
CORPORATION

2282 Old Decaturville Road
P.O. Box 220
Parsons, TN 38363
Phone: 731-847-6313
Cell: 731-549-4796
Fax: 731-847-6315
E-mail: minuteman3@tds.net

June 2, 2021

Quinn CC Project Number: 21127

Hickman County Schools
115 Murphree Avenue
Centerville, TN 37033

RE: Proposal for 40' x 60' x 18' (Top of Ridge) Storage Building

We propose to furnish labor, equipment, and materials to construct a 2,400 SF storage building per the attached (owner furnished) building specifications and the following general description:

01 General Requirements

- Travel to Job Site
- Job-Site Supervision
- Temporary Toilet
- Final Cleaning of Facility Before Move-In
- Weekly Clean-Up of Construction Debris
- Temporary Electrical for Construction Purposes
- Temporary Water for Construction Purposes
- *Builders Risk Insurance by Owner*
- *Building Permit by Owner (If Required)*
- Quinn Construction Corp. - General Liability and Workers Compensation Insurance Included (See Attached Sample Certificate for Included Limits – Additional Coverage Can be Provided Upon Request at An Additional Charge)
- Quinn Construction Corp. - Equipment Floater Coverage with Maximum Item Limit of $150,000.00 Included in Proposal Amount
- Quinn Construction Corp. – Environmental/Pollution Coverage with a Limit of $1,000,000.00 Included in Proposal AmountQuinn Construction Corp. – Commercial Builder's Risk/Installation Coverage with Location Limit of $200,000.00, Transit Limit of $200,000.00, and Maximum Paid for Any One (1) Loss/Occurrence of $200,000.00 Included in Proposal Amount

01 General Requirements Continued

- Quinn Construction Corp. – Automobile Liability Coverage with Limit of $1,000,000.00 and Umbrella of $5,000,000.00
- Quinn Construction Corp. – Commercial General Liability Coverage with Limits of $1,000,000.00 Per Occurrence, $2,000,000.00 General Aggregate, and $5,000,000.00 Umbrella Included in Proposal Amount
- Quinn Construction Corp. – Workers Compensation Insurance with Limit of $500,000.00 Included in Proposal Amount
- Quinn Construction Corp. – Excess Liability/Umbrella Coverage with $5,000,000.00 Limit
- All Subcontractors to Have Workers Compensation and General Liability Coverage (Certificates Can be Provided Upon Request – Limits May Not Match General Contractor's Limits – Additional Coverage Can be Provided Upon Request at An Additional Charge)
- One-Year Total Project Warranty by Contractor *(Excludes Misc. Typical Maintenance Items)*
- *Payment and Performance Bond Not Included in Proposal Amount (Add 2.5 % to Estimate Amount if Required)*
- State and Local Sales Tax Included for Materials Furnished by Contractor
- *Soil Testing Not Included in Proposal Amount (If Required)*
- Contractor to Take Concrete Cylinders with Strength Testing by Independent Construction Materials Laboratory
- *Site Surveys and PE Stamped Civil Drawings Not Included (If Required)*
- Color Chip Samples for Selection of Wall and Trim Colors
- PE-Stamped Foundation Drawings
- Non-PE Stamped Building System Submittal Drawings and Product Information (To Confirm Order Details Prior to Submittal)
- Three (3) Copies of PE Stamped Pre-Engineered Building System Erection Drawings
- Layout of Building Location by Contractor with Approval by Owner Prior to Footing Excavation

02 Site Work

- *Rough/General Grading for Building by Others*
- 4" Compacted Granular Fill Below Slab
- Excavation for Footings and Perimeter Turndown
- *Site Restoration, Seed and Straw Disturbed Areas Upon Completion of Project by Others*

03 Concrete

- Reinforced Footings and Turndown (4,000 PSI Design Mix)
- 6 Mil Vapor Barrier Below Slab
- 6/6 10/10 WWM Supported by Plastic Chairs
- 40' x 60' - 4" Thick Machine Troweled Concrete Slab (4,000 PSI Design Mix)
- One (1) 4' x 3' x 6" Broom Finish Pad at Personnel Door
- Four (4) 13' x 3' x 6" Broom Finish Pads at 12' x 12' OH Doors
- Wet-Cut Saw/Control Joints
- Curing of Above Concrete Pads (Cure and Seal)
- *Joint Filler Not Included (If Required)*
- *Floor Sealer or Other Floor Coatings Not Included (If Required)*

05 Metals

- Anchor Bolts

07 Thermal & Moisture Protection

- 3" Fiberglass Roof Insulation with PSK Standard Duty Facer
- *Wall Insulation Not Included (Per Project Specifications)*

08 Doors & Windows

- Four (4) 12' x 12' Coiling Doors (Subcontract Allowance of $1,500.00 Per Door Included in Proposal Amount)
- One (1) Exterior 3 x 7 Pre-Assembled Hollow Metal Personnel Door with Lever Hardware and Closer

13 Special Construction

- 40' x 60' x 18' (Top of Ridge at Roof Height) Tier I Classic II Building System by Butler Manufacturing Co.
  - 24 GA BR-II Roof System with Alzyn/Galvalume Finish
  - 24 GA BR-II Wall Panel System with Kynar Finish – Standard Color Selection

13 Special Construction Continued

- Gutters and Downspouts
- Freight to Job Site
- Professional Unloading and Erection of the Above Building System
- See attached Drawings, Unit Summary Report, and Product Information for More Details

For the lump sum contract amount of:

One Hundred Seventeen Thousand Seven Hundred and No/100 Dollars ----------

----------($ 117,700.00)

Notes:

1. Pricing is good for 30 days from date of proposal (clear order with color selections must be submitted to Butler Manufacturing within 30 days)
2. *Removal and replacement of poor soil conditions not included (if required)*
3. *Work not listed above is not included in proposal scope*

We appreciate the opportunity to offer this proposal.

Feel free to contact me at any time if you need any further information.

Sincerely,

Will Quinn, Vice-President
Quinn Construction Corporation

Part B

Metal Equipment Storage Building Specifications

Scope:

This project is being proposed as follows:

Provide and build a Pre-Engineered Building (requires 3 sets cad engineered stamped drawings before construction by the supplier of the steel building kit. (Schools 1, Site Construction 1, codes 1)

To turnkey build inclusive as follows:

To **turnkey build** a storage Building 60 foot long x 40 foot deep and 18 feet center height **red iron** building with minimum **24 gauge** metal skin. To include enclosure of all 4 sides and 4-side entry rollup 12 x 12 garage entry doors, and one 3.0 x 7.0 side entry door. (NO windows) Roof shall have 3 inch vinyl/fiberglass rolled insulation to prevent sweating and rusting of the structure. Side walls –non-insulated. Building shall include a 4 inch slab with to code depth in ground piers support for iron columns, and or footers. Each entry door shall have a minimum 3 ft concrete sloped apron for entry and exit. Building shall have standard box, commercial gutters to shed ground water away from slab and building.

We reserve the right for the location of door placements that best suits the lot and our use for entry and exit, and will be decided with the awarded bidder upon notification of bid acceptance.

Please **Attach** any rendered drawings, brochures, and photos with the bid, as well as documents specified in the bid announcement. Also if bid is accepted a time line for the materials and construction thereof.

State of Tennessee

36650 2078780

BOARD FOR LICENSING CONTRACTORS

CONTRACTOR

QUINN CONSTRUCTION CORPORATION

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 13678
LIC STATUS: ACTIVE
EXPIRATION DATE: May 31, 2022
UNLIMITED; BC; CE; CMC-A; CMC-C; HRA-A; HRA-C; MU-A.2; MU-A.3; MU-B

IN-1313
DEPARTMENT OF
COMMERCE AND INSURANCE

Client#: 613036 22QUINNCON

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 2/16/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Wendy Nowlin	
McGriff Insurance Services 3322 West End Ave., Suite 300 Nashville, TN 37203	PHONE (A/C, No, Ext): 615-346-0323	FAX (A/C, No): 8777677417
	E-MAIL ADDRESS: wmnowlin@mcgriff.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : National Trust Insurance Company	20141
INSURED Quinn Construction Corp. 2282 Old Decaturville Road P. O. Box 220 Parsons, TN 38363-0220	INSURER B : FCCI Insurance Company	10178
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			CPP10003996202	02/15/2021	02/15/2022	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$100,000
	X PD Ded:500						MED EXP (Any one person)	$5,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT X LOC						PRODUCTS - COMP/OP AGG	$2,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY			CA10001050804	02/15/2021	02/15/2022	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR			UMB10002255803	02/15/2021	02/15/2022	EACH OCCURRENCE	$5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$5,000,000
	DED X RETENTION $10000							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N			WC0100066606	02/15/2021	02/15/2022	X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N	N/A					E.L. EACH ACCIDENT	$500,000
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	$500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mason Le Pape

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WMN

Tennessee Bureau of Workers' Compensation
220 French Landing Drive, I-B
Nashville, TN 37243-1002
Phone: 615-532-1321 FAX: 615-253-5265 Email: DFW.Program@tn.gov
https://www.tn.gov/workforce/injuries-at-work/employers/employers/drug-free-workplace-program.html

TN BUREAU OF WORKERS' COMPENSATION
AUG 12 2020
DRUG FREE WORKPLACE PROGRAM

20200732 45

DRUG FREE WORKPLACE PROGRAM APPLICATION

1. **This application must be complete, legible and signed or it will be RETURNED.**
2. **This application must be resubmitted anytime the employer changes insurance carriers.**
3. **This form must be submitted to the Bureau. Please include the completed original copy of this form plus one photocopy, a copy of PROOF OF COVERAGE and two pre-addressed, stamped envelopes:**
   a. **One addressed to your Workers' Compensation Insurance Carrier and**
   b. **One addressed to the employer named below.**
4. **THIS APPLICATION MUST BE RENEWED ANNUALLY.**

Check One: **New application** ☐ **Renewal application** ☑ **Changed Insurance Carrier** ☐

Company Name Quinn Construction Corporation FEIN: 62-088-5033

Mailing Address PO Box 220 City Parsons State & Zip TN 38363

Business Address 2282 Old Decaturville Road City Parsons State & Zip TN 38363

Primary Contact (Name and Title) Will Quinn / Vice-President

Phone #731-847-6313 Fax #731-847-6315 Email minuteman3@tds.net

Nature of Business General Contractor Total # of FT & PT employees 27

Workers' Compensation Insurance Carrier FCCI

Lab Certification (circle one): **SAMHSA** **CAP-FUDTAP** **Other** _____

Name of Testing Laboratory Alere Toxicology City Gretna State LA ZIP 70053

Name of Medical Review Officer (MRO) Dr. David Nahin Phone # 877-295-3381

Have all employees hired prior to the date of this application been provided at least one hour of substance abuse training? Yes ☑ No ☐

Have all employees hired prior to the date of this application been informed of your company's drug free program policies? Yes ☑ No ☐

Effective date of your program 12/14/1998

Renewal applicants only:

Number of tests performed in past 12 months for each of the following:

Job Applicants:	Total 5	Positive 1	Routine Fitness for Duty:	Total 0	Positive 0
Post work accident:	Total 1	Positive 0	EAP Follow-up:	Total 0	Positive 0
Random (optional):	Total 2	Positive 0	Reasonable Suspicion	Total 0	Positive 0

Have all employees that have undergone substance abuse training acknowledged, in writing, their attendance at that training and the existence of your company's drug free program policies? (Yes) No

I hereby certify that all provisions and requirements of the Tennessee Drug-Free Workplace Program as established by T.C.A. have been met and implemented. (To be signed by all applicants)

VICE-PRESIDENT — Will Quinn — 8-10-20
Owner/Officer's Signature and title — Printed name — Date

W. Lance Wheaton — 8/12/2020
Bureau of Workers' Compensation Representative Signature — Title — Accepted Date

LB-1111 (REV 8/16) RDA 10183

MEMORANDUM

TO: Quinn Construction Corporation
Attention: Will Quinn

FROM: Lance Wheaton, Tennessee Drug-Free Workplace Program

SUBJECT: Drug-Free Workplace Application

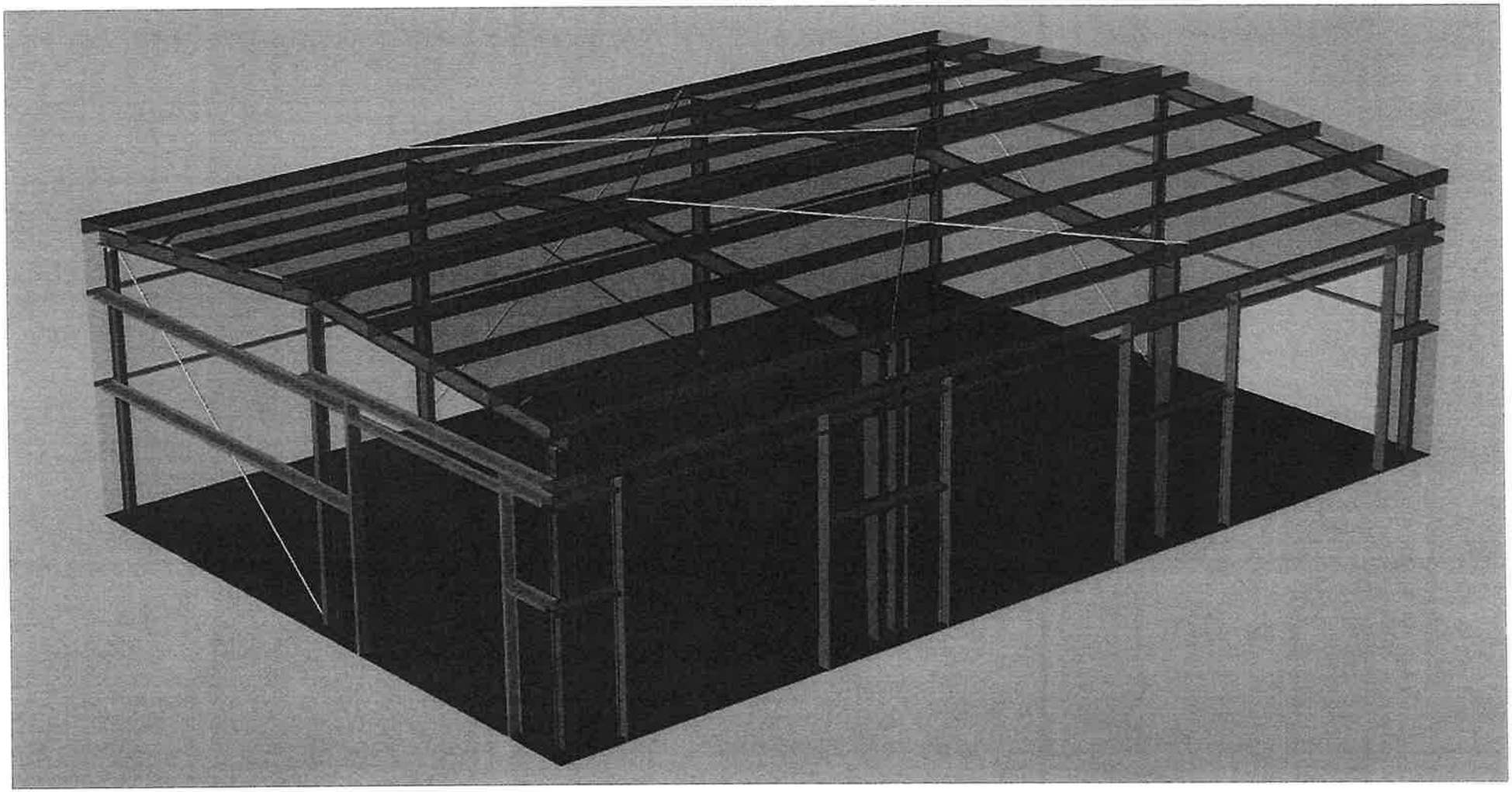
DATE: Aug 12, 2020

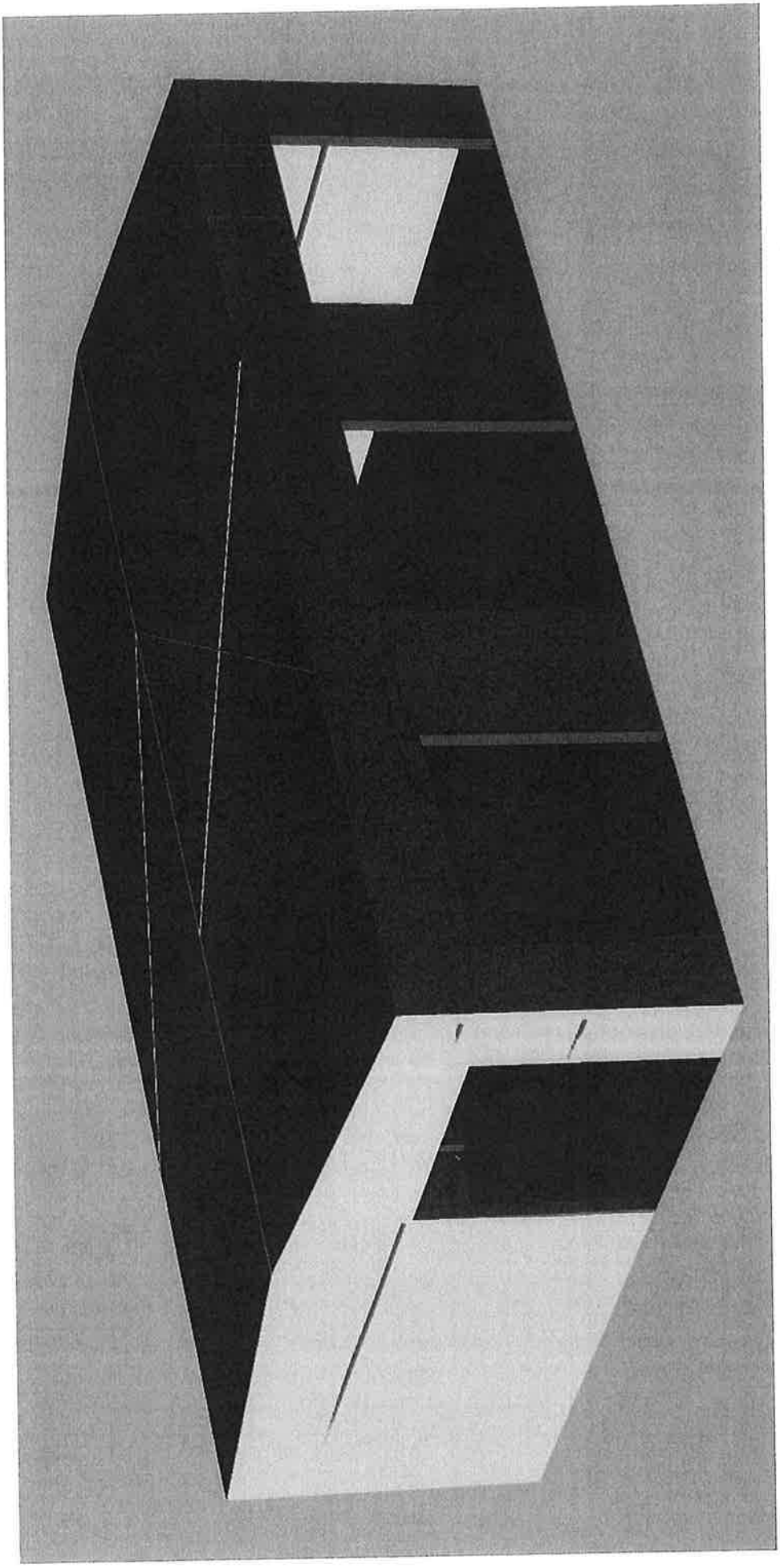
This is to notify you that your application for participation in the Tennessee Drug-Free Workplace Program has been received and accepted. Pursuant to T.C.A. 50-6-418 and T.C.A. 50-9-101, et sequentia, you are entitled to a five percent (5%) premium credit on your workers' compensation insurance policy. You will begin to accrue the premium discount on a pro rata basis as of the date of our acceptance of your application; this is the date on the application next to the signature of the Commissioner or his designee.

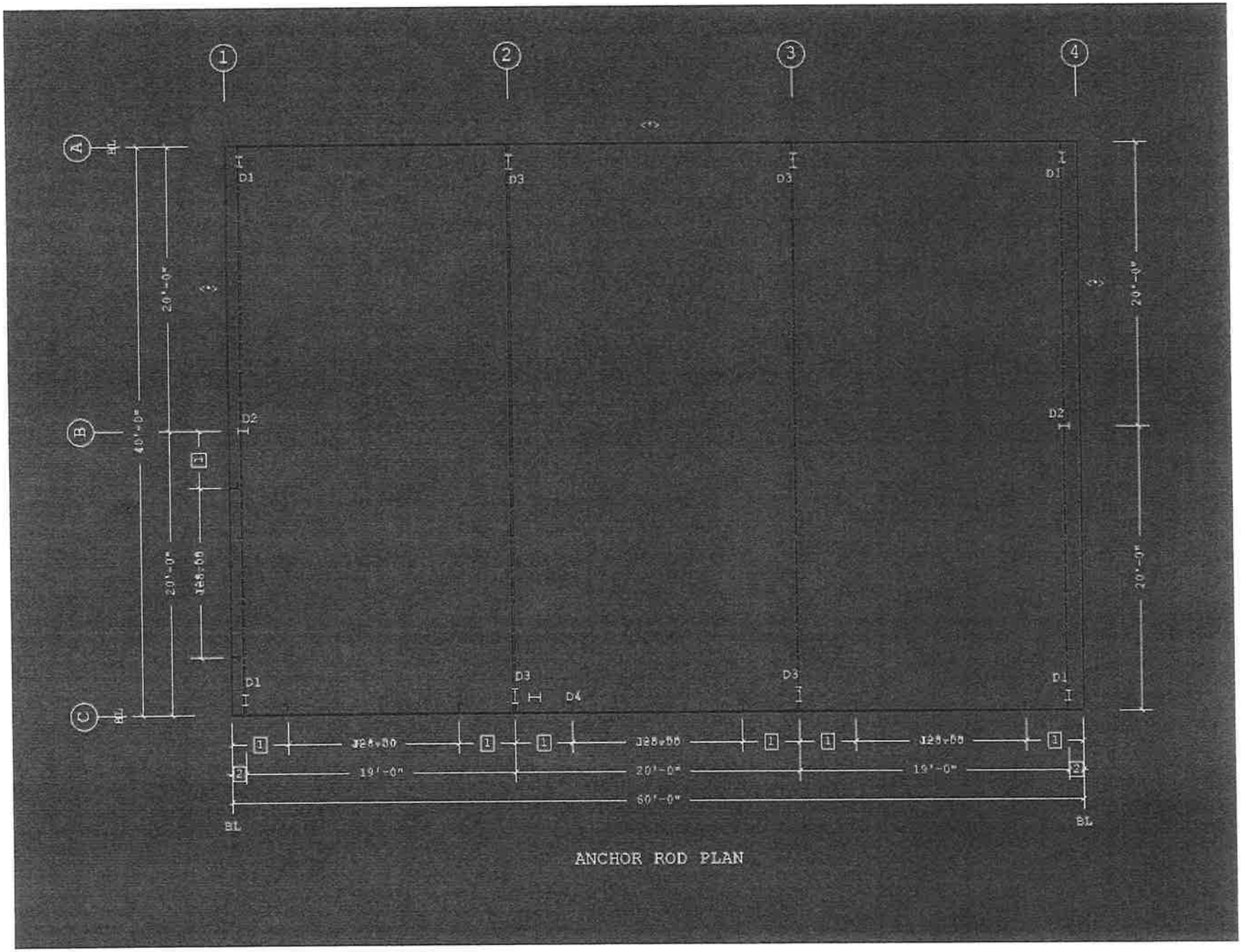
Your workers' compensation insurance provider is being notified of your participation and must apply to your policy the premium credit granted under this program directly upon receipt of notification or make payment for such credit effective after the annual final premium audit has been completed DFWP Rules and Regulations, Chapter 0800-2-12-.02(5)].

By accepting this application, the State of Tennessee is not certifying the accuracy or completeness of either your application or your Drug-Free Workplace Program. We are acknowledging receipt of your certification, attested by your signature, that all provisions and requirements of the Tennessee Drug-Free Workplace Program as established by T.C.A. 50-9-101, et sequentia, have been met and implemented. We further acknowledge that you may have "made a good faith effort" and may have "complied substantially" with Program requirements and are, therefore, "rebuttably presumed to be entitled" to the benefits of the Program.

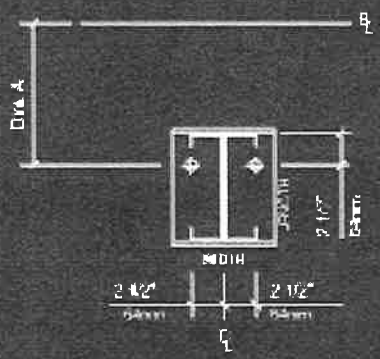
A copy of your application is enclosed for your review and records. If you have any questions or need any other information, please contact us at 1-800-332-2667 or 1-615-741-2395. Thank you for your participation in the effort to promote drug-free workplaces in Tennessee.



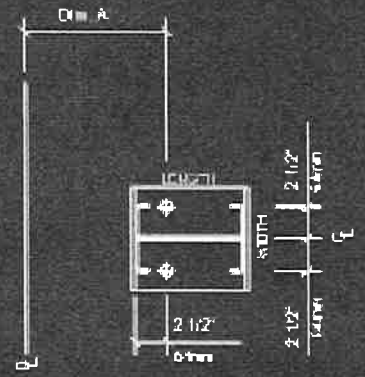




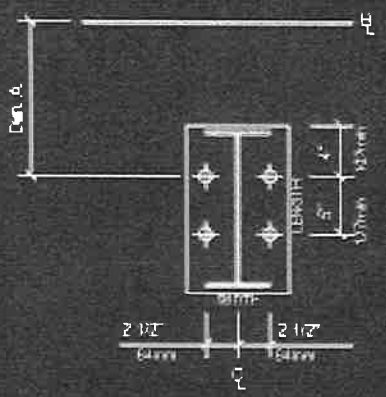
ANCHOR ROD PLAN



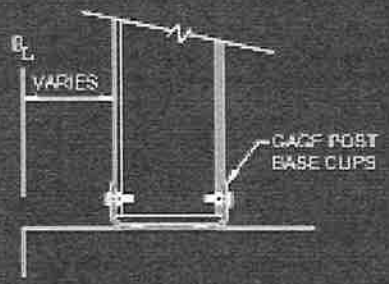
D1 (2)3/4" Dia. GR36 Anchor Rods
Plate W=6" L=8 1/2"
Dim: A=11"
Elev.-100'-0"



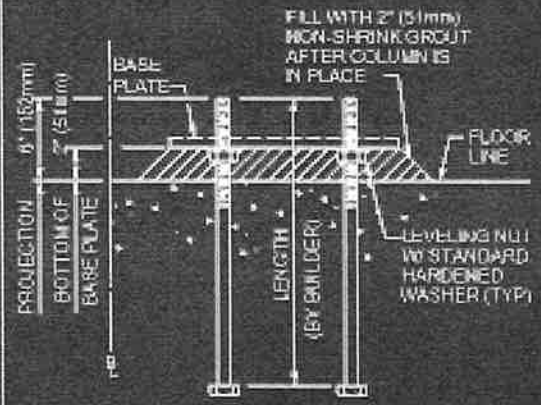
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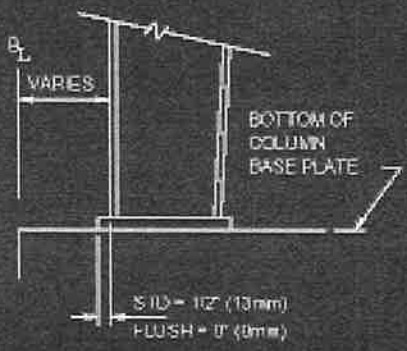
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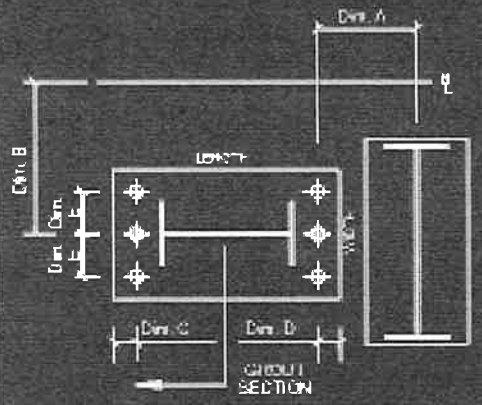
TYPICAL GAGE POST
BASE PLATE DETAIL



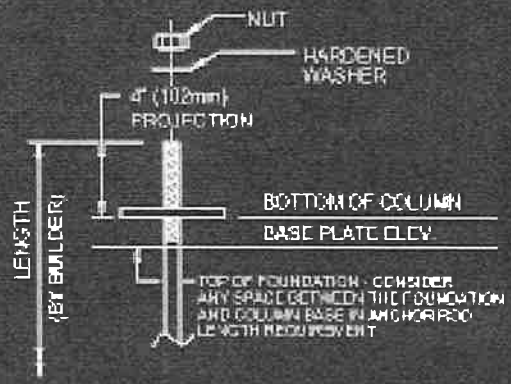
GROUTED BASE REQUIREMENT



TYPICAL COLUMN
BASE PLATE DETAIL



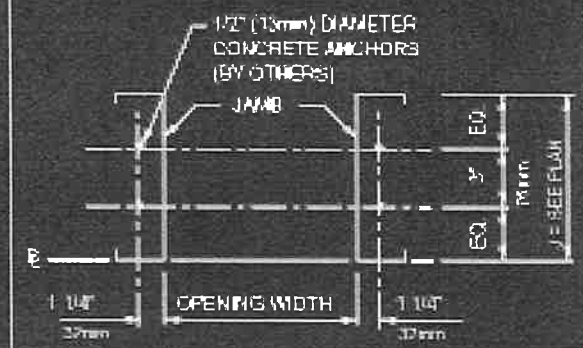
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Plate W=1'-0" L=1'-5"
Dim: A=9 5/8" B=1'-1"
C=1 5/8" D=1 5/8" E=4"
Elev.-100'-2"



THE 4" PROJECTION ABOVE THE BOTTOM OF THE BASE PLATE IS A SUGGESTED MINIMUM TO ENSURE SUFFICIENT ANCHOR ROD LENGTH. A DIFFERENT PROJECTION MAY BE REQUIRED BY THE FOUNDATION DESIGNER.

THE ANCHOR ROD PROJECTION MAY NEED TO BE CUT OFF IF THERE IS INTERFERENCE WITH OTHER PARTS.

SUGGESTED ANCHOR ROD PROJECTION



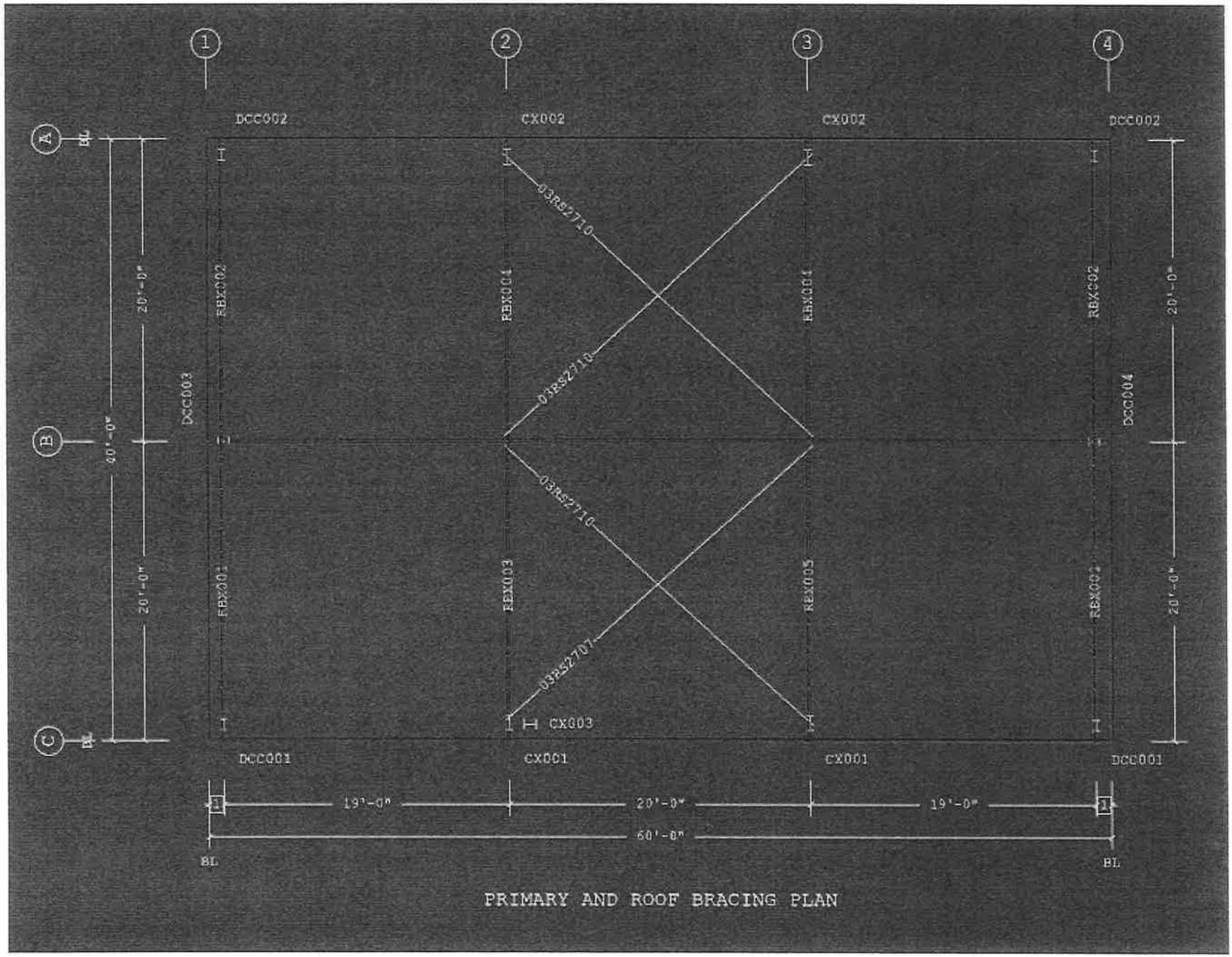
NOTE: 1" (25mm) PROJECTION ABOVE BOTTOM OF JAMB CLIP
SEE PLAN FOR JAMB SIZES - J = SIZE

JAMB TED 'J' VALUES

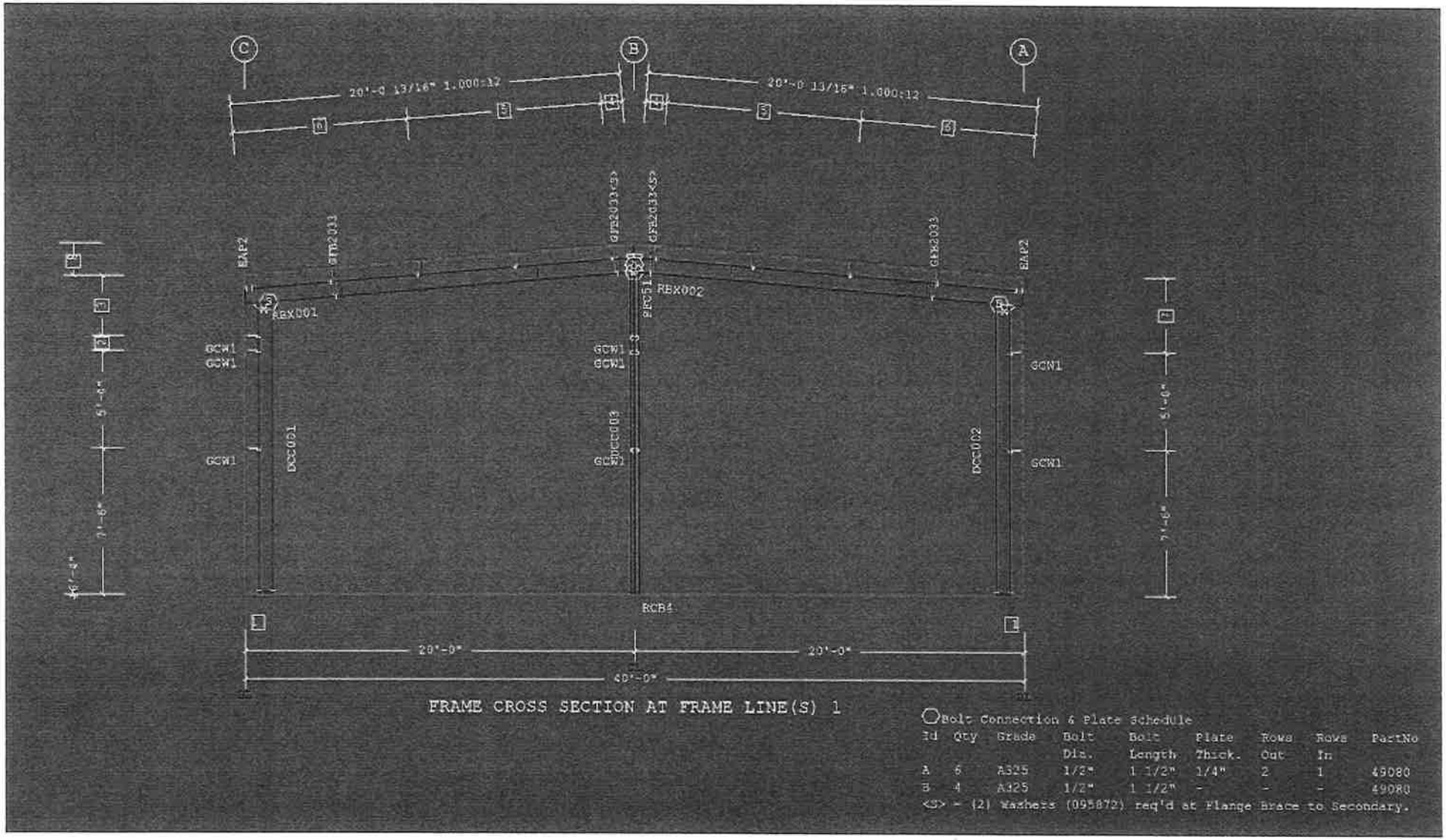
7 EQ - 2" 51mm 8.5 EQ - 3 3/4" 95mm
10 EQ - 3 1/2" 89mm 11.5 EQ - 4 1/4" 108mm

FRAMED OPENING DETAIL

1. ANCHOR RODS, NUTS, HARDENED WASHERS AND ANY OTHER PARTS NOT SHOWN ARE TO BE FURNISHED BY CONTRACTOR.
2. ANCHOR ROD DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TORSION PER AISC 9TH EDITION ASD WITH A SAFETY FACTOR OF 2.0 ON ANCHOR ROD TENSILE STRESS. EFFECTS OF EMBEDDED ANCHOR ROD DISTANCE FROM EDGE AND NET SECTION OF THE PERPENDICULAR ANCHOR ROD ARE TO BE DETERMINED BY OTHERS.
3. UNLESS OTHERWISE SPECIFIED, ANCHOR RODS ARE DESIGNED AND INSTALLED AS "CAST-IN-PLACE" ANCHOR RODS WITH "SNUG TIGHT" CONNECTIONS.
4. FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH AND ANCHOR RODS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT. THE BUILDER IS RESPONSIBLE FOR ACCURATE SETTING OF ANCHOR RODS PER AISC CODE OF STANDARD PRACTICE SECTION 7.5. VARIATIONS ARE ILLUSTRATED BELOW.
   a. CENTERS OF ANY TWO ADJACENT ANCHOR RODS WITHIN A COLUMN BASE GROUP: ±1/4"
   b. CENTERS OF ADJACENT ANCHOR GROUPS: ±1/4"
   c. TOPS OF RODS: ±1/2"
   d. ACCUMULATED INCORRECT CENTERS OF ANCHOR GROUPS ALONG COLUMN LINE: ±1/2" PER 100' (±20') TO EXCEED 1" TOTAL
   e. DEV. FROM CENTER OF ANY ANCHOR GROUP FROM COLUMN LINE: ±1/2"
5. DESIGN LOADS AND REACTIONS ARE PUBLISHED IN THE REACTION REPORT.



PRIMARY AND ROOF BRACING PLAN

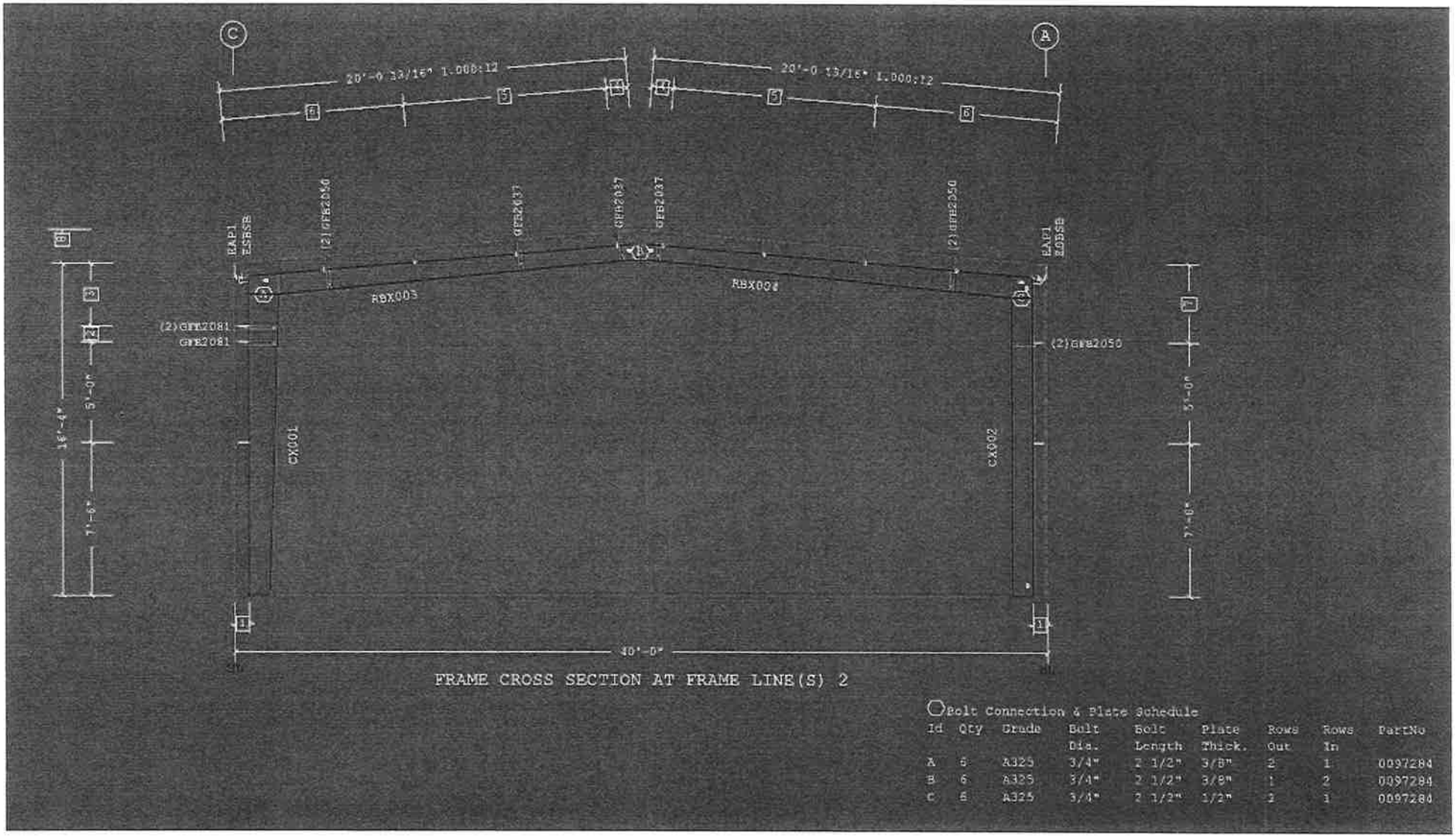


FRAME CROSS SECTION AT FRAME LINE(S) 1

Bolt Connection & Plate Schedule

Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	6	A325	1/2"	1 1/2"	1/4"	2	1	49080
B	4	A325	1/2"	1 1/2"	-	-	-	49080

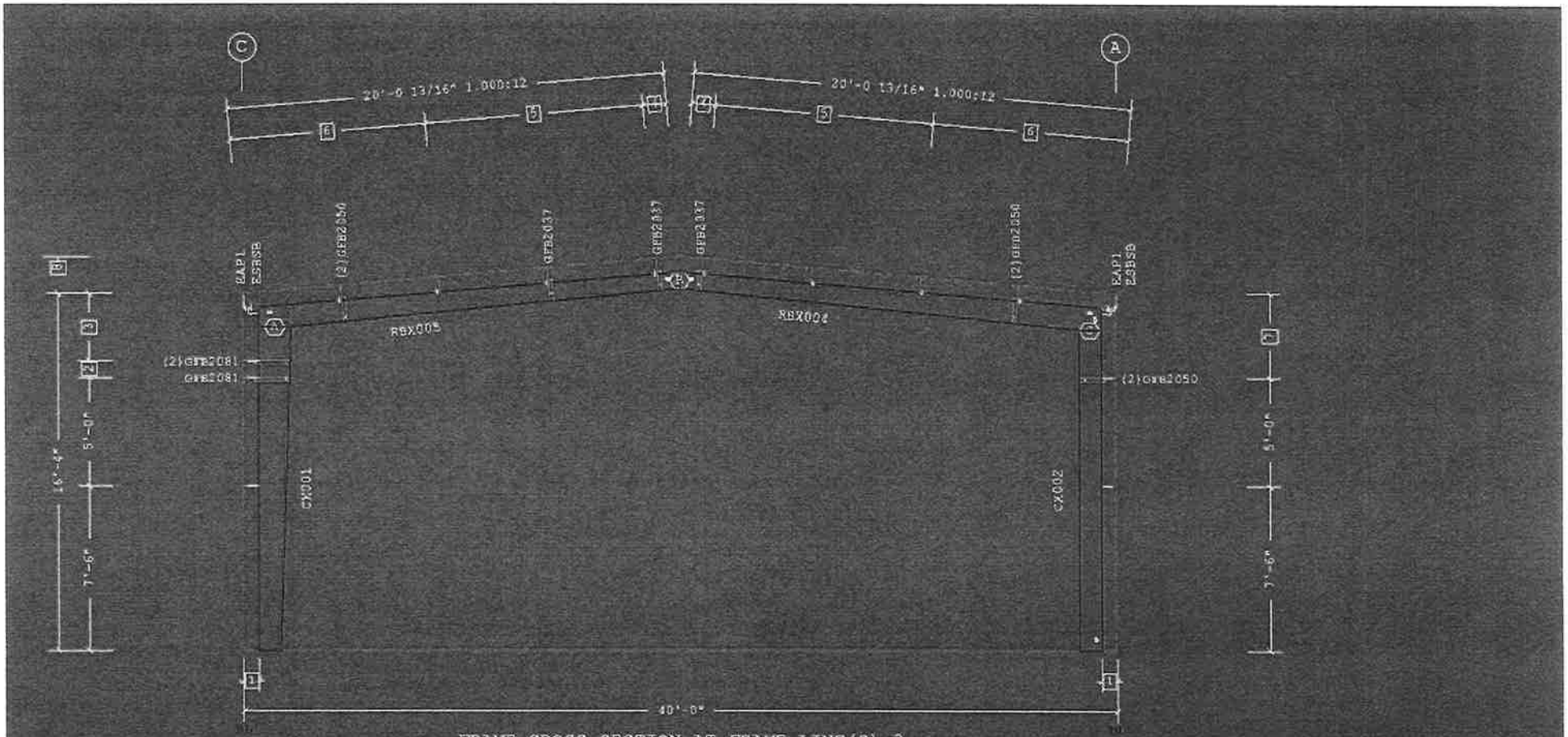
<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.



FRAME CROSS SECTION AT FRAME LINE(S) 2

Bolt Connection & Plate Schedule

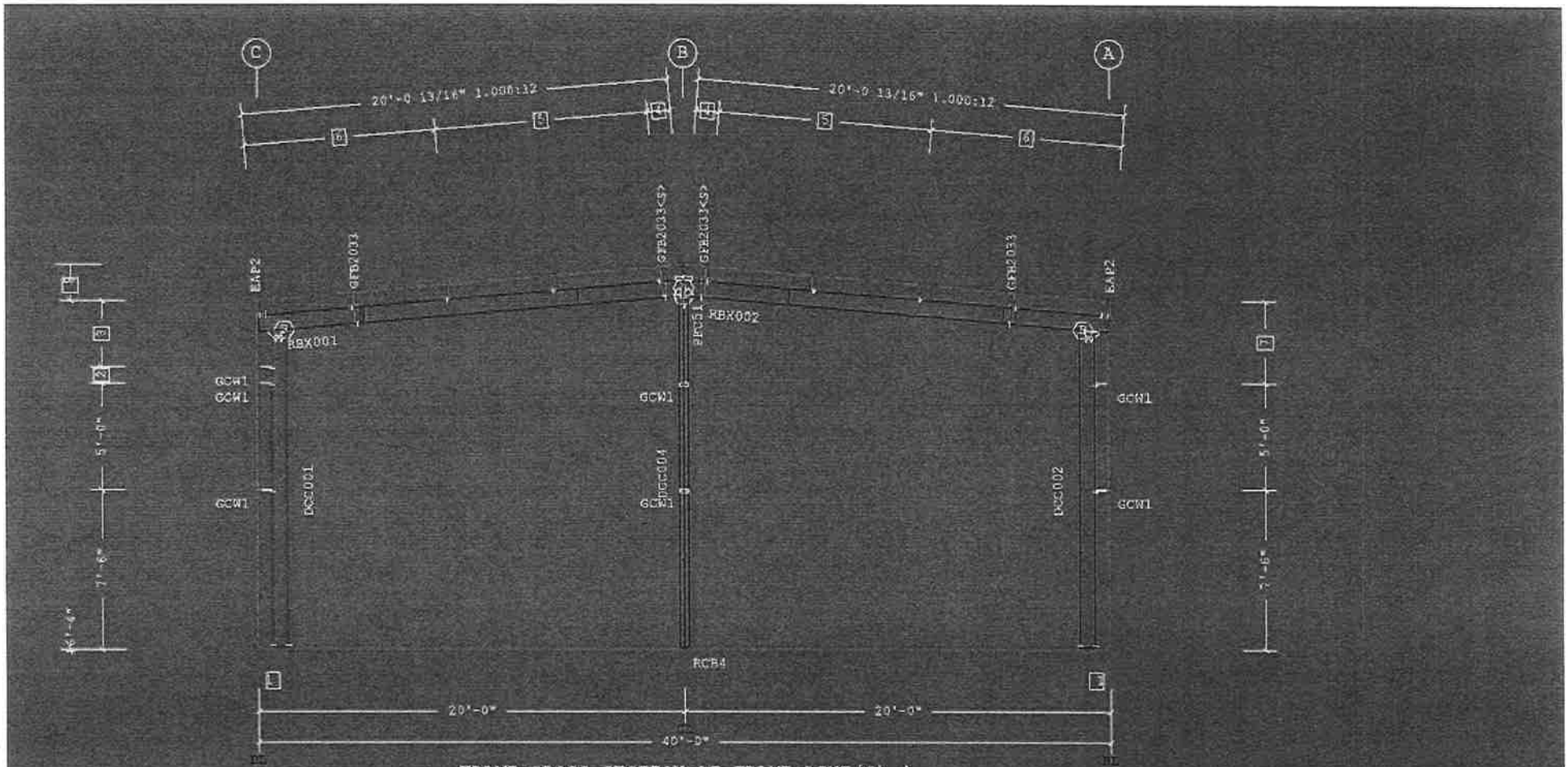
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	6	A325	3/4"	2 1/2"	3/8"	2	1	0097284
B	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284
C	6	A325	3/4"	2 1/2"	1/2"	2	1	0097284



FRAME CROSS SECTION AT FRAME LINE(S) 3

Bolt Connection & Plate Schedule

Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	6	A325	3/4"	2 1/2"	3/8"	2	1	0097284
B	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284
C	6	A325	3/4"	2 1/2"	1/2"	2	1	0097284

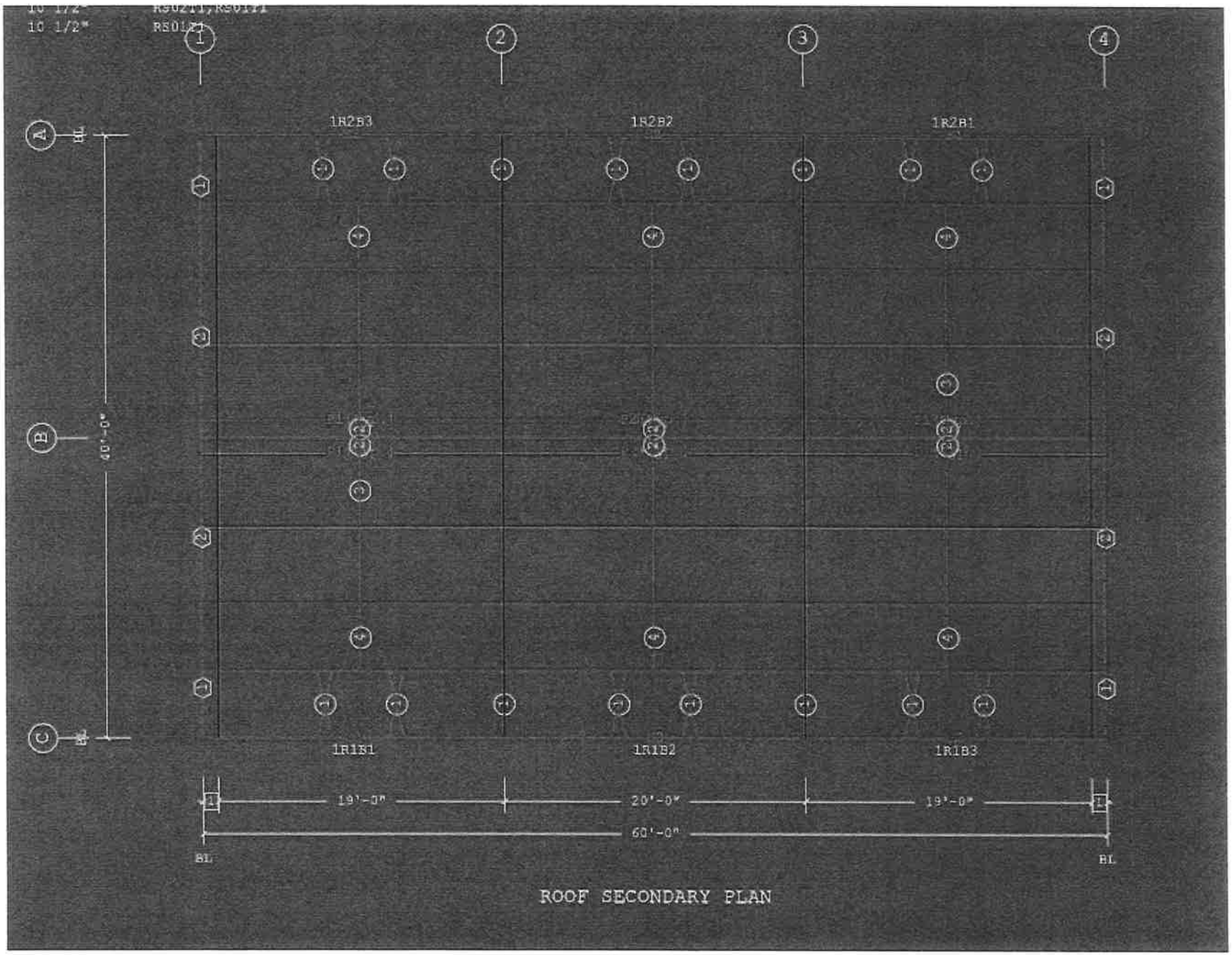


FRAME CROSS SECTION AT FRAME LINE(S) 4

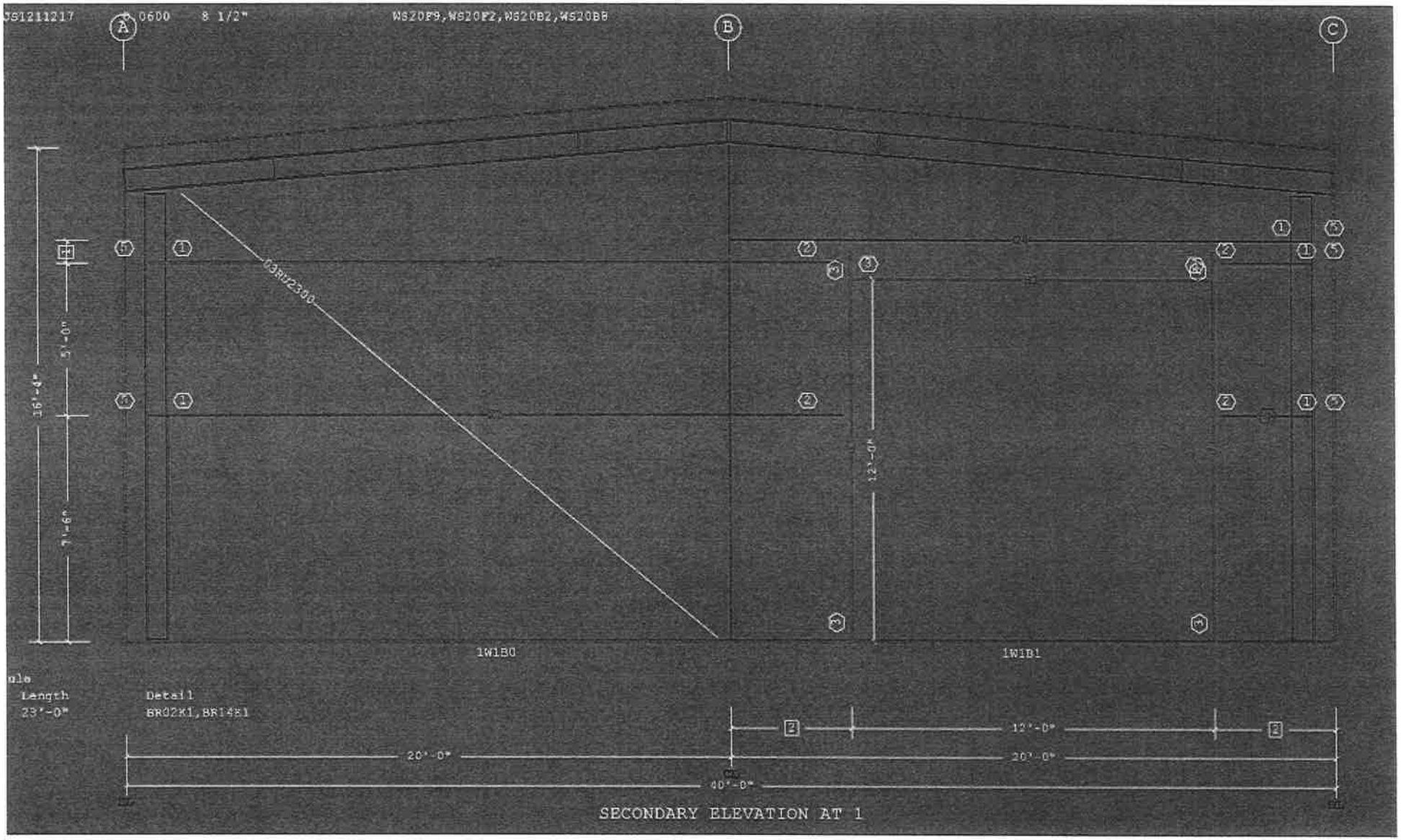
Bolt Connection & Plate Schedule

Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	6	A325	1/2"	1 1/2"	1/4"	2	1	49080
B	4	A325	1/2"	1 1/2"	-	-	-	49080

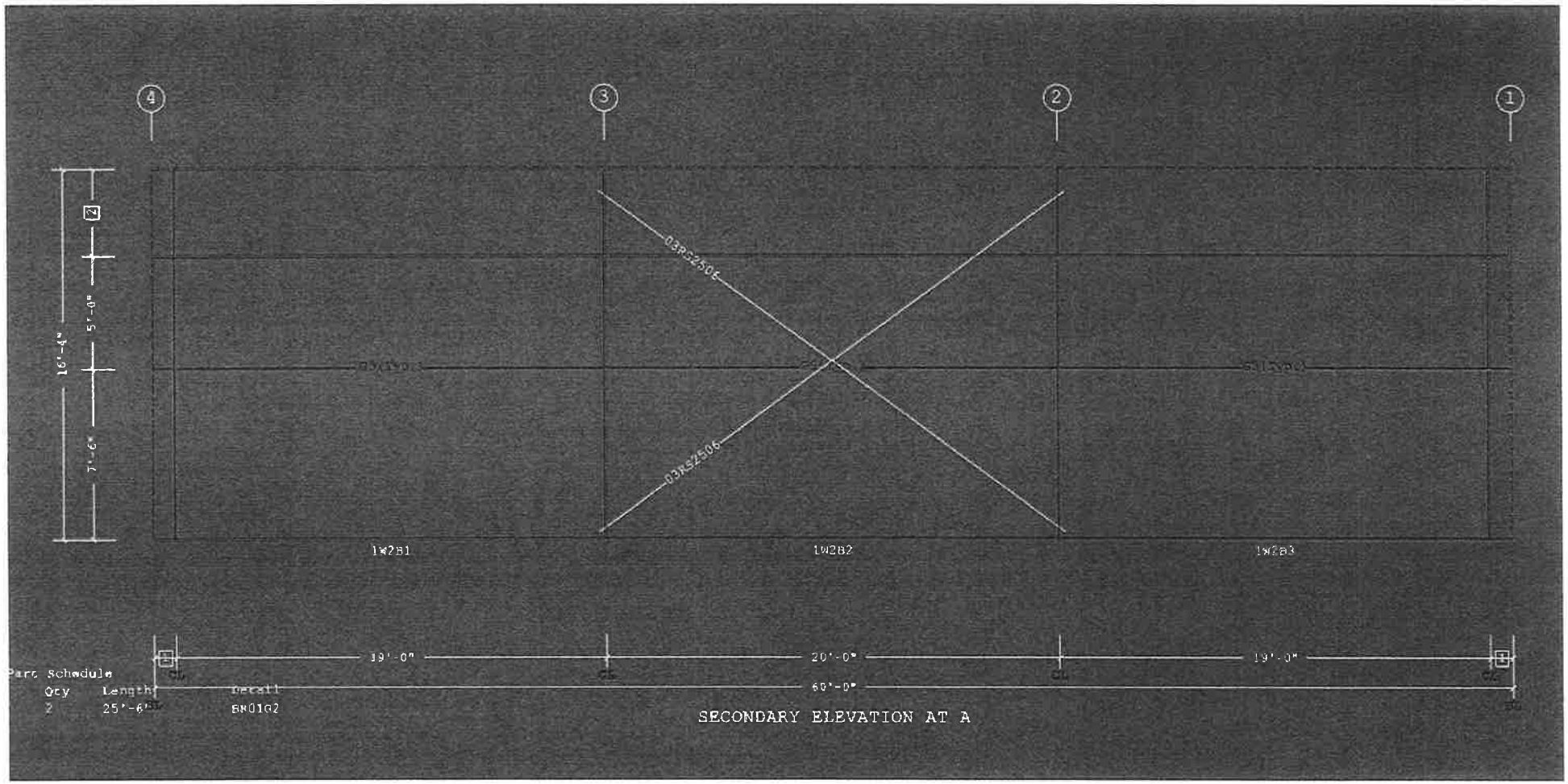
<S> - (2) Washers (095072) req'd at Flange Brace to Secondary.



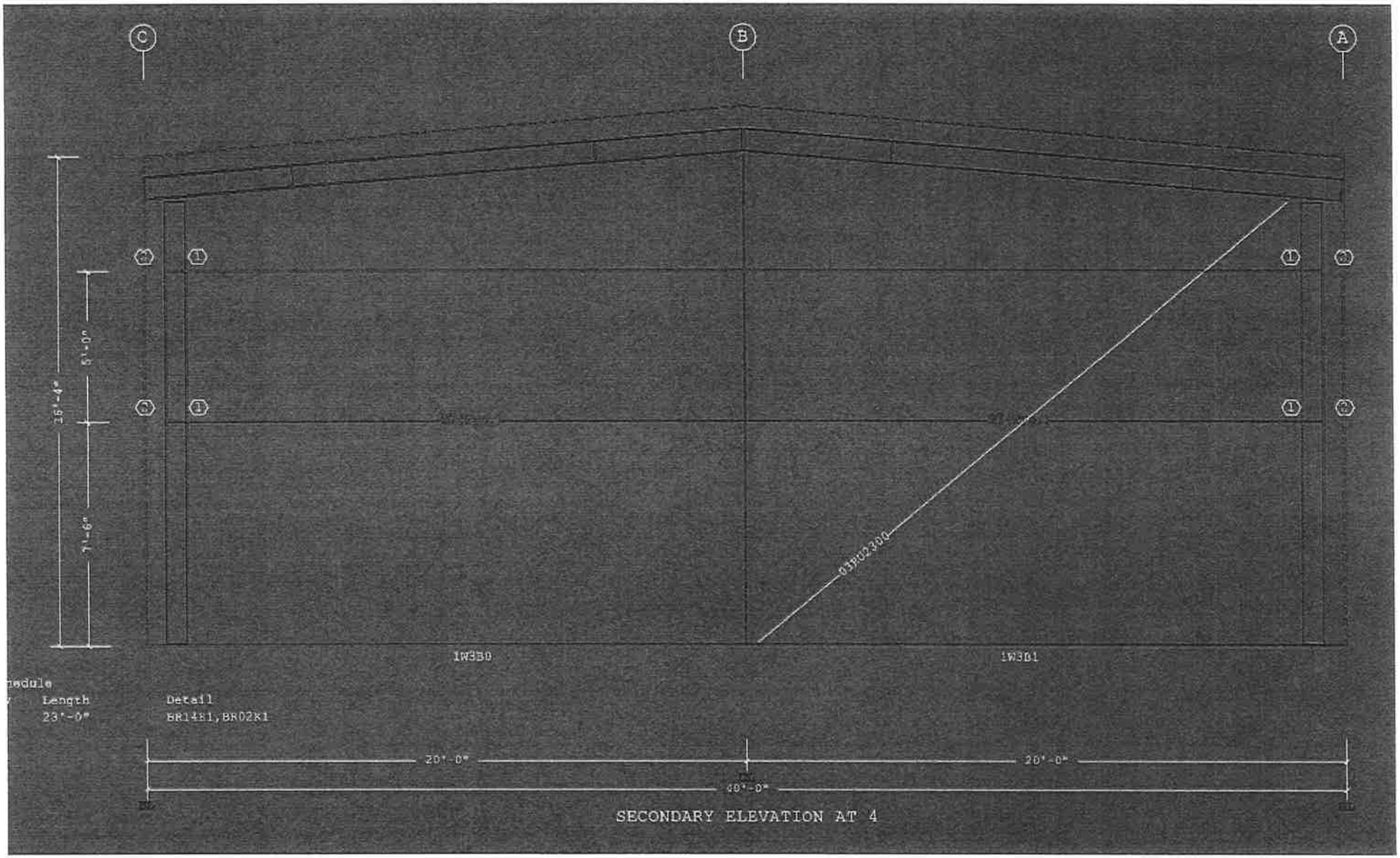
ROOF SECONDARY PLAN



SECONDARY ELEVATION AT 1

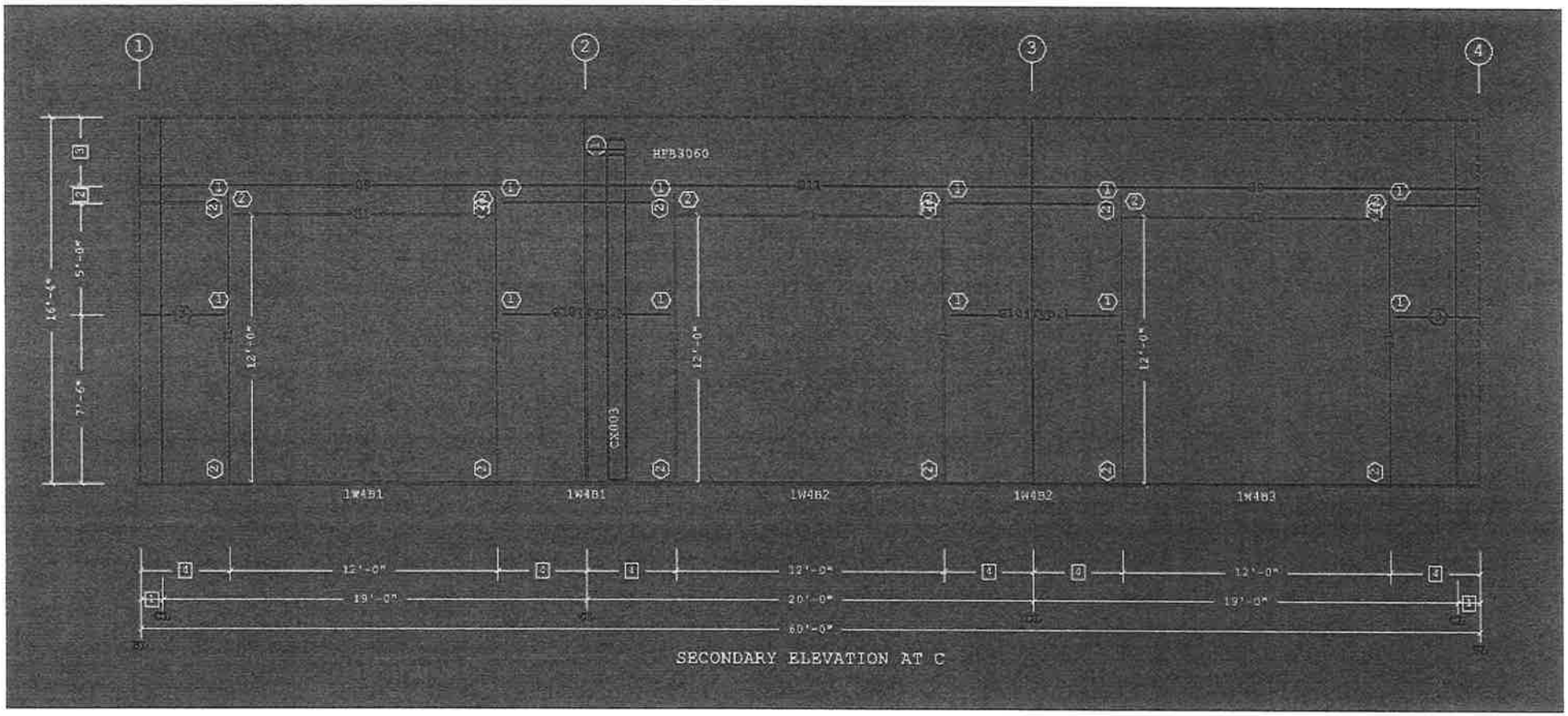


SECONDARY ELEVATION AT A

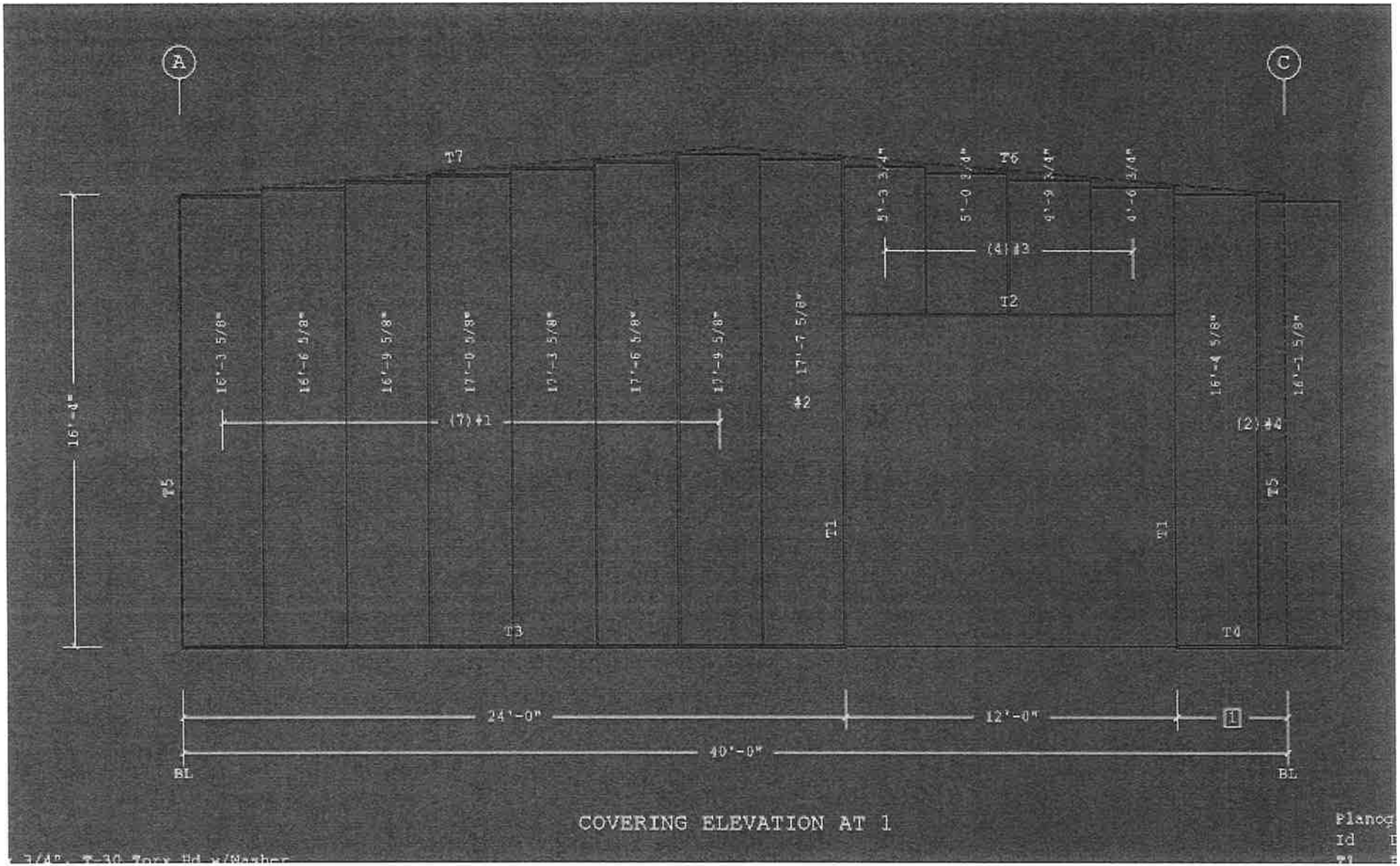


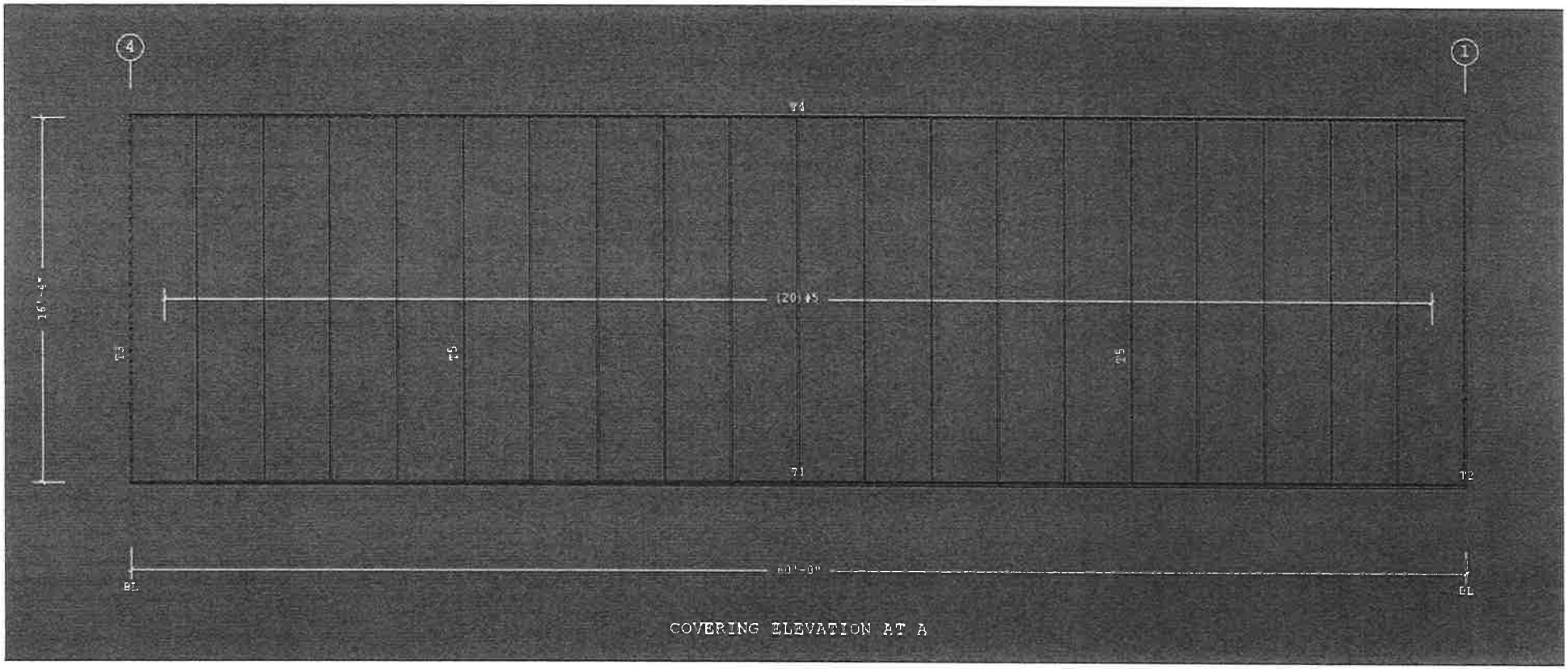
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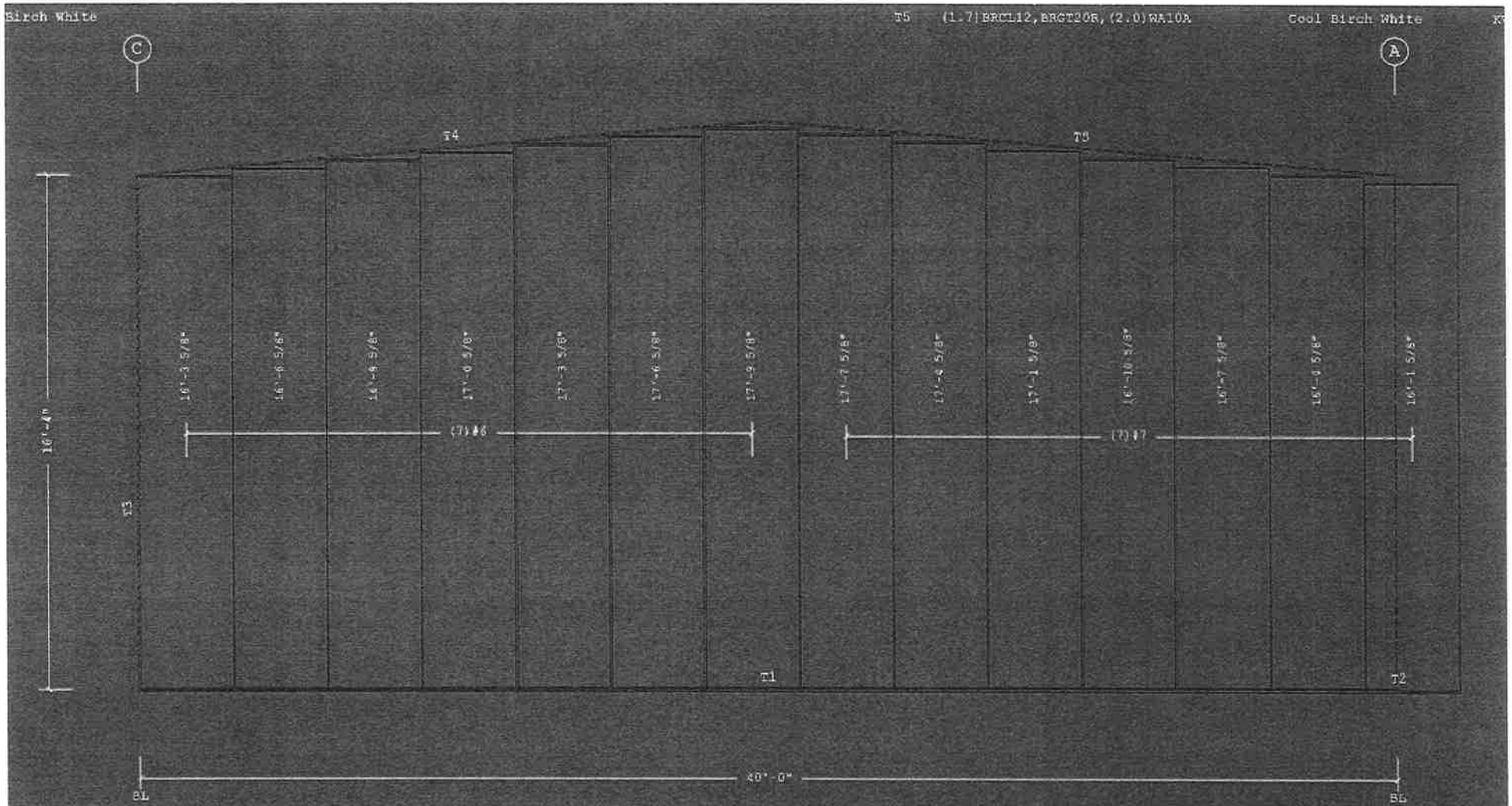
Length	Detail
23'-0"	BR1481, BR02K1



SECONDARY ELEVATION AT C


A
C
T7
T6
5'-3 3/4"
5'-0 3/4"
4'-9 3/4"
4'-6 3/4"
(4) #3
T2
16'-3 5/8"
16'-6 1/8"
16'-9 5/8"
17'-0 1/8"
17'-3 5/8"
17'-6 5/8"
17'-9 5/8"
17'-7 5/8"
#2
16'-4 5/8"
16'-1 5/8"
(2) #4
(7) #1
16'-4"
T5
T1
T3
T4
24'-0"
12'-0"
1
40'-0"
BL
BL
COVERING ELEVATION AT 1


4
1
74
(20) @ 5
45
45
71
72
BL
BL
COVERING ELEVATION AT A

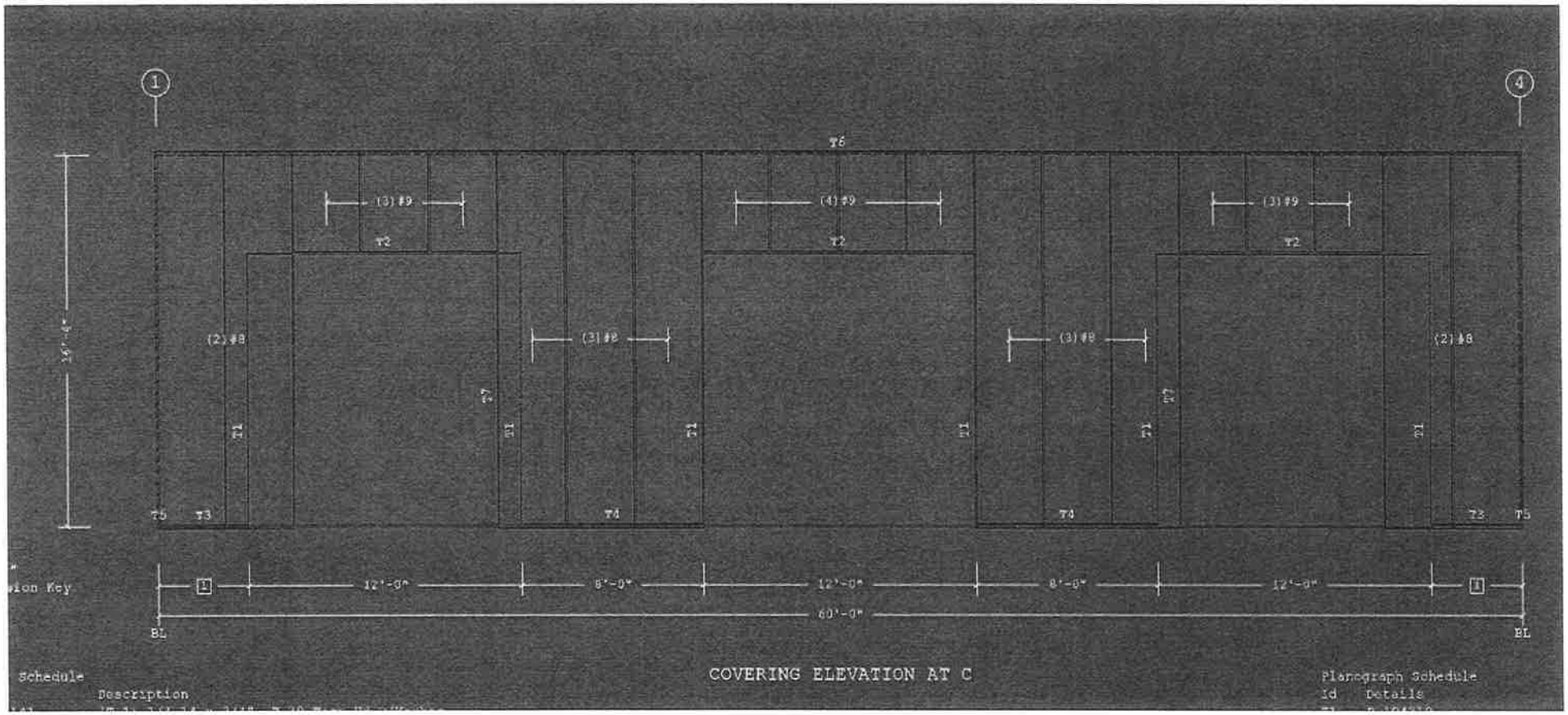


ule

Description
(T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer

COVERING ELEVATION AT 4

Planograph Schedule
Id Details
T1 P-080873,P-081505,P-0


1
4
T6
(3) #9
(4) #9
(3) #9
T2
T2
T2
(2) #8
(3) #8
(3) #8
(2) #8
T1
T7
T1
T1
T1
T1
T7
T1
T5
T3
T4
T4
T3
T5
16'-0"
Elevation Key
1
12'-0"
8'-0"
12'-0"
8'-0"
12'-0"
1
60'-0"
BL
BL
Schedule
Description
COVERING ELEVATION AT C
Planograph Schedule
Id
Details

BUTLER ADVANTAGE NXT

Unit Summary Report : Unit 1 - Storage Building

*** Tier I Classic ***

Date: 6/1/2021
Time: 2:04 PM
Version: 4.5.0.1
File: Hickman County Storage Building.advc

Builder Information

Builder		Contact	
Name:	Quinn Construction Corporation	Name:	Will Quinn
Address:	2282 Old Decaturville Road Parsons, Tennessee 38363 Decatur United States	Phone: Cell: Fax: Estimator: Email:	(731) 847-6313 (731) 549-4796 (731) 847-6315 Will Quinn minuteman3@tds.net
Account Number:	204103901		

Project Information

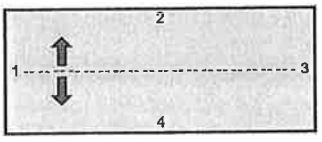
Hickman County Storage Building

Site Location		Region/Plant	
Hwy 100 Centerville, Tennessee 37033 Hickman United States		Region: Shipping Plant:	East Rainsville, AL
		Settings	
		Site Type: Pricing Type: Request Type: Effective Date:	New Construction Tier I Classic Purchase Order 4/12/2021
Elevation		**Warranty Options**	
Finish Floor Elevation:	0"	Material/Finish:	3-Year Standard
Special Requirements		**Suppliers**	
Tension Control Bolts:	No	Insulation Vendor:	Bay

Informational : You have selected Bay as the insulation supplier on this project. This selection only applies to fiberglass blanket insulation and insulation accessories. This selection does not apply to other products that may be ordered on this project such as the CMR-24® roof system panels which do not utilize fiberglass blanket insulation.

Warning Statement : Tier I Classics will not be clarified. The Advantage file will be processed as entered. It is the Builder's responsibility to verify ALL Advantage input for accuracy.

Unit Size

Shape:		Rectangle		
Wall 1:	40' 0"		Finish Floor Elevation:	0"
Wall 2:	60' 0"		Width Extension:	No
Wall 3:	40' 0"			
Wall 4:	60' 0"			
Profile Type:		Double Slope		
Ridge:	20' 0"			
Left Eave:	16' 4"	Wall 1		

Unit Size

Left Slope:	1.0000
Right Eave:	16' 4"
Right Slope:	1.0000

Codes & Loads

Building Code:	IBC15	International Building Code – 2015 Edition	
Pricing Code:	IBC15	International Building Code – 2015 Edition	
General		**Wind Loads**	
Use Category: II (Standard Occupancy Structure)		Ultimate Wind Speed (mph):	115.0
Roof Loads		Nominal Wind Speed (mph):	89.1
Live Load (psf):	20.00 (reducible)	Wind Enclosure:	Enclosed
Ground Snow Load (psf):	0.00	Wind Exposure:	B
Calculated Roof Snow (psf):	0.00	Wind Importance Factor:	1.00
Specified Min. Roof Snow:	No	Basic Wind Pressure (psf):	20.16
Roof Surface Condition:	Unobstructed, Slippery Roof	Hurricane Prone Region:	No
Roof Exposure:	Fully Exposed	Wind-Borne Debris Region:	No
Thermal Condition:	Unheated	Impact Resistant Covering:	No
Snow Importance Factor:	1.00	**Seismic Loads**	
Collateral Load (psf):	3.00	Soil Profile:	Stiff Soil (D,4)
Collateral Load Desc:	Lighting, Misc.	Seismic Ss (%):	37.5
		Seismic S1 (%):	17.1
		Seismic Importance Factor:	1.00
		Seismic Design Category:	C

Frames

Consolidate : No

Wall	Frame	Position	Spacing
4	Pinned Endwall #1	0"	0"
	Clearspan #1	20' 0"	20' 0"
	Clearspan #1	40' 0"	20' 0"
	Pinned Endwall #2	60' 0"	20' 0"

Pinned Endwall #1

Frame

Type:	Pinned Endwall
Span:	40' 0"
Angle:	90

Column, Wall 4		Column, Wall 2	
Offset:	Match Girts	Offset:	Match Girts
Shape:	Straight	Shape:	Straight
Type:	Standard	Type:	Standard
Elevation:	0"	Elevation:	0"

Endwall Posts (Layout from Wall 4 to Wall 2)

Section Widths:

1	20' 0"
2	20' 0"

Endwall Posts:	Required
Setback:	Match Girts
Material:	Determined by System
Depth Constraint:	None
Elevation:	0"

Clearspan #1

Frame

Type:	Clearspan LRF

Span:	40' 0"		
Angle:	90		
Column, Wall 4		**Column, Wall 2**	
Offset:	Match Girts	Offset:	Match Girts
Shape:	Tapered	Shape:	Tapered
Type:	Standard	Type:	Standard
Elevation:	0"	Elevation:	0"
Knee Plate Orientation:	Determined by System	Knee Plate Orientation:	Determined by System

Pinned Endwall #2

Frame

Type:	Pinned Endwall		
Span:	40' 0"		
Angle:	90		
Column, Wall 4		**Column, Wall 2**	
Offset:	Match Girts	Offset:	Match Girts
Shape:	Straight	Shape:	Straight
Type:	Standard	Type:	Standard
Elevation:	0"	Elevation:	0"

Endwall Posts (Layout from Wall 4 to Wall 2)

Section Widths:			
1	20' 0"	Endwall Posts:	Required
2	20' 0"	Setback:	Match Girts
		Material:	Determined by System
		Depth Constraint:	None
		Elevation:	0"

Bracing

Determined by System : No

	Bracing	Locations		
Roof	Roof Rods	Wall	Bays	
		4	1	
			2	X
			3	
Wall 1	Wall Rods		Sections	
			1	X
			2	
Wall 2	Wall Rods	Bay	Sections	
		1	1	
		2	1	X
		3	1	
Wall 3	Wall Rods		Sections	
			1	
			2	X
Wall 4	Windposts	Bay	Sections	
		1	1	
		2	1	L
		3	1	

Roof Structurals

Consolidate : No

Roof Structurals

Purlins

Type:	Zee		
Depth:	8 1/2"	Supply clips at all purlin-to-structural connections:	No
Connection Type:	Continuous	Always supply at least one row of channel purlin braces:	Yes
Clip Type:	Welded (only when design requires clips)		
Spacing:	Standard		
Punched:	No		

Wall Structurals

Consolidate (all walls) : No

Surface	Description			Punched	
Wall 1	All Girts			Sec 1	No
		Shape:	Zee	Sec 2	No
	Consolidate Girts: No	Depth:	8 1/2"		
		Connection Type:	Continuous		
		Clip Type:	Welded		
		Bracing Type:	Channel Bracing		
		Spacing:	Standard		
Wall 2	All Girts			Bay 1	No
		Shape:	Zee	Bay 2	No
	Consolidate Girts: No	Depth:	8 1/2"	Bay 3	No
		Connection Type:	Continuous		
		Clip Type:	Welded		
		Bracing Type:	Channel Bracing		
		Spacing:	Standard		
Wall 3	All Girts			Sec 1	No
		Shape:	Zee	Sec 2	No
	Consolidate Girts: No	Depth:	8 1/2"		
		Connection Type:	Continuous		
		Clip Type:	Welded		
		Bracing Type:	Channel Bracing		
		Spacing:	Standard		
Wall 4	All Girts			Bay 1	No
		Shape:	Zee	Bay 2	No
	Consolidate Girts: No	Depth:	8 1/2"	Bay 3	No
		Connection Type:	Continuous		
		Clip Type:	Welded		
		Bracing Type:	Channel Bracing		
		Spacing:	Standard		

Roof Panels

Definition : Butlerib® II #1
Ridge Assembly : Standard

Butlerib® II #1 — 2408 sq ft

Type:	Butlerib® II		
Gage:	24-gage		
Finish:	Alzn-Plain		
Panel Options			
Clip/Thermal Blocks:	None	Punched Panels:	No
Splice:	Inline	Request UL-90 Rating:	No

Weathertightness:	Not Requested	ThermaLiner Insulation System:	No
Fasteners			
Panel-to-Panel:	SDS (T-1) 1/4"-14 x 7/8", 3/8" Hex Hd SS w/Washer		
Panel-to-Structural:	SDS (T-3) 1/4"-14 x 1-1/4", 3/8" Hex Hd w/Washer		
Painted to Match Roof:	No		
Insulation : Supplied by Butler (Bay)		**Facing**	
Type:Blanket R-Value:Single Layer	R10 (≈3")	Facing Type:	Polypropylene Scrim Kraft, Standard Duty
Between Panel & Purlin:	3"	Facing Tabs:	2 @ 3"
Insulation : Roll Widths		**Fall Protection System**	
Start:	48" Wide	Type:	None
Intermediate:	72" Wide	Installation Sleds:	0
End:	72" Wide	Total Insulation Thickness:	3"

Informational : Panel lengths vary depending on the building width and are furnished to minimize the number of splices. If actual panel dimensions are needed, refer to the standard erection drawings for more information

Informational : Flat stock is not available because raw material is 80 KSI high strength steel and cannot be break formed.

Informational : Ridge and Transition panels : 24 gage ALZN roofs are furnished with 26 gage ALZN ridge and transition panels. 24 gage Butler-Cote® roofs are furnished with 26 gage Butler-Cote® ridge and transition panels.

Informational : When self-drilling panel-to-structural fasteners are ordered, roof secondary's are furnished unpunched. Pre-punched secondary's are provided with punched panels or other fastening systems.

Wall Panels

Wall	Panels	Start	End	Sq Ft
1	Butlerib® II #1	0"	40' 0"	543
2	Butlerib® II #1	0"	60' 0"	980
3	Butlerib® II #1	0"	40' 0"	687
4	Butlerib® II #1	0"	60' 0"	620

Butlerib® II #1			2829 sq ft
Type:	Butlerib® II		
Gage:	24-gage		
Finish:	Butler-Cote		
Color:	Cool Birch White - Stocked		
Panel Options		**Base Condition**	
Punched Panels:	No	Position:	Lapped Foundation
Wall-to-Eave Closure:	Yes	Closure:	Foam
		Trim:	Base
		Option:	Angle
		Base Trim Color:	Match Wall Panel
Fasteners			
Panel-to-Panel:	SDS (T-1) 1/4-14 x 3/4" T-30 Torx Hd w/Washer		
Panel-to-Structural:	SDS (T-3) #12-14 x 1 1/4" T-30 Torx Hd w/Washer		
Scrubolt at Base and Eave:	No		
Insulation : None (Bay)			
R-Value:	(≈0")	Facing Type:	None
Between Panel & Girt:	0"	Facing Tabs:	None
Insulation : Roll Widths			
Start:	None		
Intermediate:	None		
End:	None		

Edge of Roof

Wall	Definition	Type	Start	End	Length
1	Gable Trim #1	Gable Trim	0"	40' 0"	40' 0"
2	Gutter #1 Downspout Qty: 4 | Distance (from eave): 16' 4" | Eave Condition: At Wall	Gutter	0"	60' 0"	60' 0"
3	Gable Trim #1	Gable Trim	0"	40' 0"	40' 0"
4	Gutter #1 Downspout Qty: 4 | Distance (from eave): 16' 4" | Eave Condition: At Wall	Gutter	0"	60' 0"	60' 0"

Gable Trim #1 — 80 In ft

Type:	Gable Trim
Finish:	Butler-Cote
High Wind Clip:	No
Trim Color:	Cool Birch White - Stocked

Gutter #1 — 120 In ft

Type:	Gutter		
Gutter Type:	Exterior		
Finish:	Butler-Cote		
Width:	4 1/2"	Downspout Size:	4"
Weatherseal:	Yes	Supplied By Butler:	Yes
Color:	Cool Birch White - Stocked	Downspout Color:	Match Gutter

Wall Accessories

Wall	Accessory	Type	Position	Details
1	12 x 12 OH Door	Overhead Door Opening	30' 0" Centerline 0" Bottom	
4	12 x 12 OH Door	Overhead Door Opening	10' 0" Centerline 0" Bottom	
	12 x 12 OH Door	Overhead Door Opening	30' 0" Centerline 0" Bottom	
	12 x 12 OH Door	Overhead Door Opening	50' 0" Centerline 0" Bottom	
Qty	**Accessory**	**Type**	**Wall Panel**	**Details**
1	Pre-assembled Personnel Door #1	Pre-assembled Personnel Door	Butlerib® II #1	Mount Type: Flush Frame Depth: 8 1/2" Post Extension Reqd: No Liner Panel Trim Reqd: No

12 x 12 OH Door — Qty : 4

Auto On Module:	No		
Factory Cut Opening:	Yes		
Door Flashing:	No		
Opening		Trim	
Width:	12' 0"	Trim Color:	Match Wall Panel
Height:	12' 0"		
Additional Header:	No		
Vertical Jamb Lift:	No		

High Jamb Lift:	No
Door Part Weight:	0
Door Part Height:	0"
Overhead Clearance:	0"

Pre-assembled Personnel Door #1 Qty : 1

Auto On Module:	No		
Factory Cut Opening:	No		
Series		**Swing**	
Series:	Standard Duty (400 Series)	Swing:	A
Size:	3'0" x 7'0"	Direction:	Out
Trim Color:	Match Wall Panel		
Options			
Fire Rated:	No		
Wind Rated:	No		
Masonry Wall:	No		
Lockset/Exit Device		**Options**	
Type:	Hager Grade 2 Lever	Crash Chains:	None
Latch Guard:	No	Kick Plates:	None
Master Keyed:	No	Weatherseal:	Standard
Keying Group:	Keyed Alike	Hinge:	Chrome
Best Small Format Interchangeable Core:	No	Crating:	Standard
		Closer:	Hager 5400 Medium Duty
		Hold Open Arm:	No
Leaf and Frame		**Glazing**	
Frame Paint:	White Primer	A:	None
Leaf Gage:	20		
Frame Gage:	18		



Warning : If roll-up doors have wind locks, jambs will have to be designed for additional catenary loads. Contact your Regional Engineering Office for a quote on the roll-up door framing

Warning : 12 x 12 OH Door on the Wall 4 of Unit 1 - Storage Building is located in a Bay/Section which contains bracing. Please check for possible interference.

Informational : For accessory openings ordered with the factory cut option, only those panel widths that are entirely spanned by the opening are factory cut to length. Other panels must be field cut.

Informational : The price for overhead door and framed opening structurals is included in the wall structural price. The price for overhead door and framed opening trim is included in the trim price. Butler does not supply the overhead doors.

Wall Liner Panels

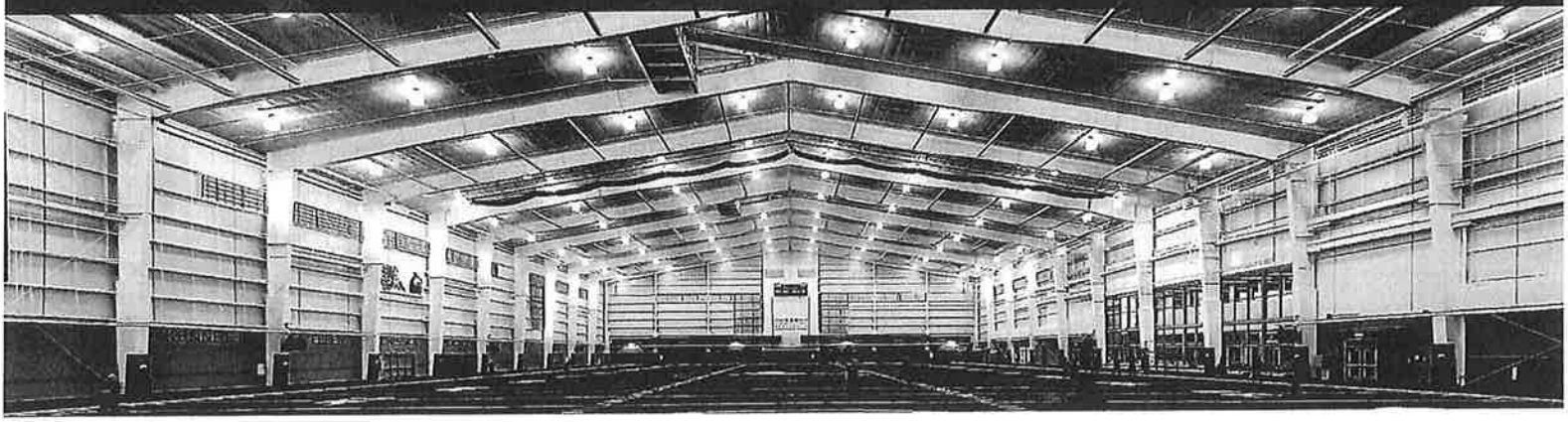
Wall	Panels	Type	Channel Size	Start	End	Sq Ft
1	Open	Open		0"	40' 0"	687
2	Open	Open		0"	60' 0"	980
3	Open	Open		0"	40' 0"	687
4	Open	Open		0"	60' 0"	980

Ceiling Liner Panels

Definition : Open

Widespan™ Structural System

Maximize the functionality and productivity of your building's interior space



A structural system should enhance a building's functionality, not stand in its way. That's the principle upon which the Widespan™ structural system is designed. This versatile rigid frame system assures maximum use of interior space, while also providing virtually unlimited flexibility with regard to building width, height, roof slope, and exterior finish.

Choose the Widespan structural system to create functional uninterrupted space in applications such as warehouses, offices, retail stores, and recreational centers.

Assure Unmatched Functionality

The Widespan structural system is available in three different framing options. Each is designed to complement and enhance your building's intended use. You can also specify straight or tapered columns to meet your budget and performance parameters.

LRF Framing System

The LRF framing system provides a variable roof slope as low as 1/4:12 to 4:12 for a contemporary exterior profile. Buildings can be specified in widths from 30 feet to virtually unlimited lengths, in 6-inch increments, for large clearspan interiors.



MRF Framing System

The MRF framing system is specifically designed for wide buildings using a minimum of interior columns. MRF frame buildings are available in widths from 60 feet to 300 feet, with interior modules from 20 feet to 80 feet.

WX Framing System

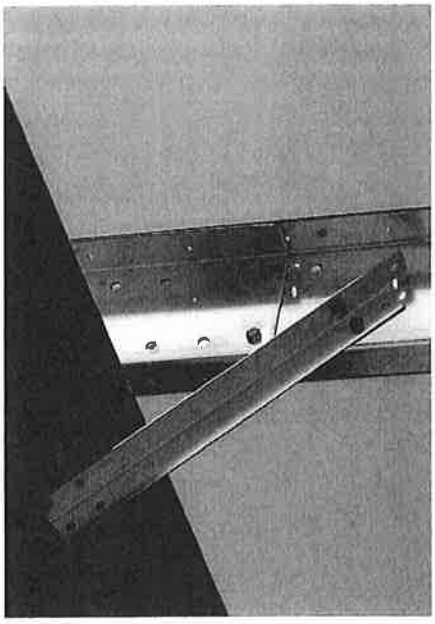
The WX framing system provides additional space for expansions, enabling greater design freedom now or in the future. WX frames are available in widths up to 60 feet.

Save Time And Money In Construction

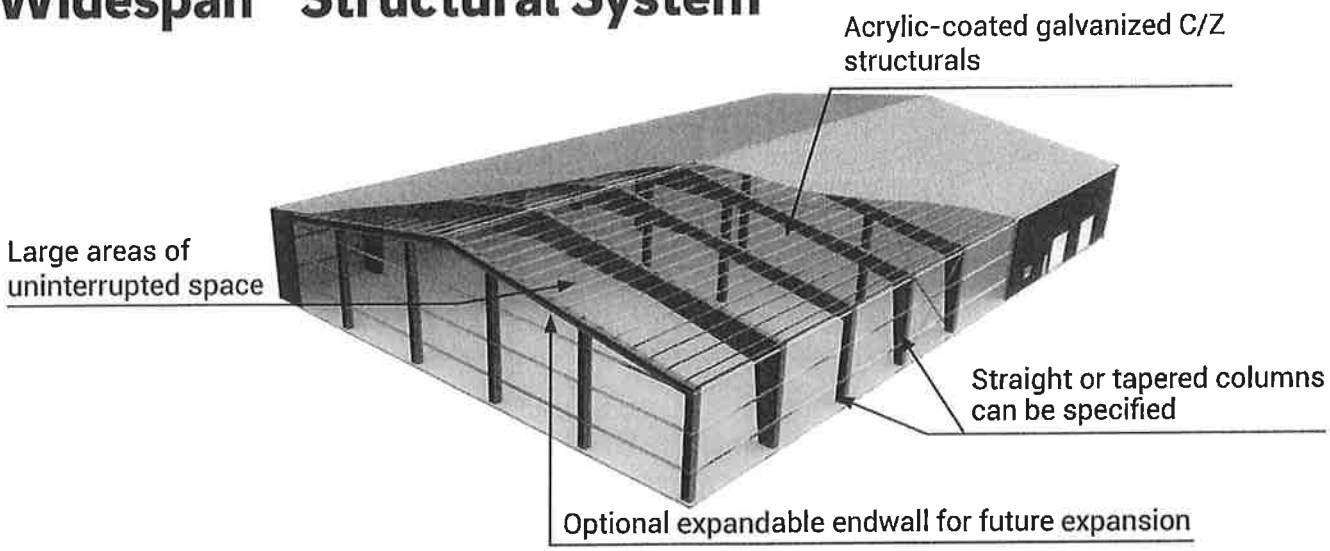
With a systems construction solution from Butler, every Butler component is engineered and manufactured to assemble together. So the entire building—from the structural system to the wall and roof systems—can be built with greater speed and precision than is generally possible with conventional construction methods.

Enhance Protection And Durability

The Widespan structural system features acrylic-coated galvanized C/Z structural members for added durability and reduced maintenance costs over the life of the building. This value-added feature comes standard from Butler at no additional cost.



Widespan™ Structural System



The Butler Difference

Butler Builders provide complete construction services with single-source responsibility

- Reputable professionals with extensive knowledge of local building codes

Maximize your building's performance with a complete Butler® system solution

- Innovative structural, wall and roof systems
- Precision-engineered for seamless integration

BUTLER®

MBMA MEMBER

BUILDING METAL COMPONENT COUNCIL MEMBER

FM APPROVED

IAS ACCREDITED AC472

Key Benefits

- Extensive Widespan framing options maximize use of interior space
- LRF framing system accommodates low-slope roof for contemporary beauty
- MRF framing system reduces interior columns to create uninterrupted space
- WX framing system allows expansions for greater design freedom
- Butler engineering adds precision and speed for cost savings in design and construction
- Acrylic-coated galvanized C/Z structurals come standard for added durability

Butler Manufacturing
Kansas City, MO
816-968-3000 **www.butlermfg.com**

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Form No. 3530 2/21

Butlerib® II Wall System

Create the look and performance you want with outstanding affordability



With an attractive combination of aesthetics, performance, and affordability, the Butlerib® II wall system remains an extremely popular choice for virtually any type of building application. The Butlerib II system can be used either alone or incorporated with other materials such as brick, EIFS, and other Butler® metal wall systems for unlimited design freedom.

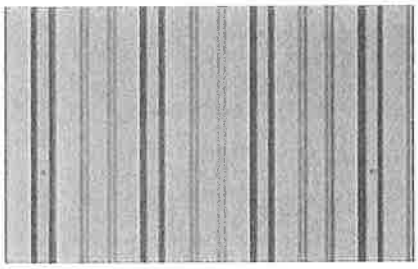
Choose the Butlerib II wall system to add installation speed and long-term performance for your building, whether it's a large-scale warehouse or a small retail center.

Add Beauty And Strength

Butlerib® II wall panels feature a full 1½-inch-deep corrugation for a clean, simple appearance and added strength. The panels are also available in a variety of material thicknesses, enabling you to balance the building's performance requirements with budgetary constraints.



The Butlerib II wall panels feature a 1½" corrugation for additional strength.



The Butlerib II wall panels are 3 feet wide and up to 40 feet in length, so wall installation can be completed quickly—even on large buildings.

Assure Fast And Accurate Installation

ach Butlerib II wall system panel and supporting structure is available factory punched to assure precision and speed in the installation process. A variety of fastener options can be specified depending upon the project's aesthetic and security needs, including the Butler Scrubolt™ with twice the pull-out strength of industry standard fasteners.

Add Strength And Performance

A deep 1-1/2-inch corrugation makes the Butlerib II roof panel one of the strongest standard ribbed panels in the industry. And the exclusive Butlerib II panel purlin bearing "return leg" provides added support at the panel sidelaps to withstand roof traffic.

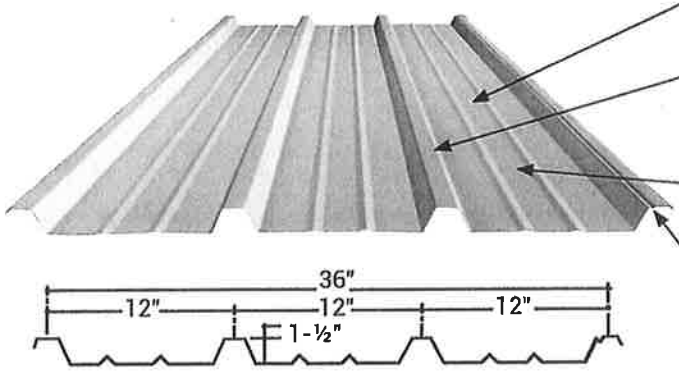
Achieve Unmatched Design Versatility

Predesigned and factory-fabricated transition materials allow you to combine Butlerib II panels with a variety of Butler wall systems, conventional materials, doors, and/or windows without extensive field modifications.

Enhance The Beauty And Durability

All Butlerib II wall panels feature the high-quality Butler-Cote™ premium finish. Made with a 70% Kynar 500® or Hylar 5000® resin, this incredibly durable coating resists fading and chalking to remain vibrant for years, unlike typical silicone polyester paints. Many attractive standard color options are also available. The Butler-Cote finish includes a 25-year warranty against chalking and fading.

Butlerib® II Wall System



The Butler Difference

Butler Builders provide complete construction services with single-source responsibility

- Reputable professionals with extensive knowledge of local building codes

Maximize your building's performance with a complete Butler® system solution

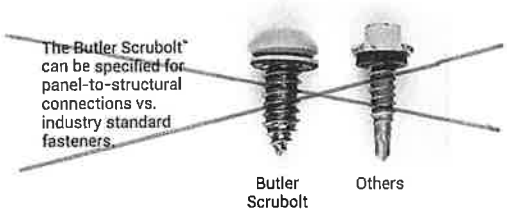
- Innovative structural, wall and roof systems
- Precision-engineered for seamless integration

BUTLER®

MBMA MEMBER · METAL BUILDING CONTRACTOR MEMBER · FM APPROVED · IAS ACCREDITED AC472

Key Benefits

- Deep 1½-inch panel corrugations add beauty and strength
- Available factory punching assures fast and accurate installation
- A variety of fasteners to meet your aesthetic and security needs
- Predesigned transition materials coordinate with other building materials
- Superior-performance Butler-Cote™ finish system (Kynar 500® or Hylar 5000®) adds beauty and protection
- 24-gauge also available in certain colors



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Form No. 4263 2/21

Butlerib® II Roof System

Assure durable roofing performance with unmatched affordability.



Assure Accurate Installation

Butlerib® II roof system panels are available factory cut and punched to assure accurate alignment and easy installation. They're secured to the supporting structural system with Butler's superior Scrubolt™ fastener or Butler's exclusive Lock-Rivet™ fastener, which does not work loose over time.

Extend Performance Life

Available factory-slotted holes allow the Butlerib II roof system's panels to expand and contract during seasonal temperature changes. This reduces stress on the panels and fasteners to extend the life of the entire roof system.

A building's roof system is no place to compromise quality and protection—particularly on projects with heightened budgetary constraints. The Butlerib® II roof system is engineered to provide the ideal option in such instances, offering low installation time and maintenance costs with the assurance of a 10-year weathertightness warranty.

Several features make the Butlerib II roof system the best through-fastened roof system in the industry. Choose this economical option to add weathertight protection to community buildings, churches, storage facilities, and more.

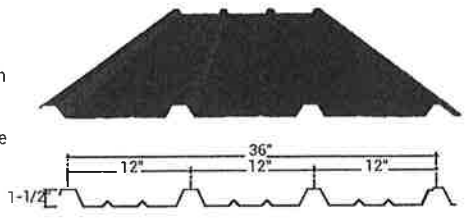
Add Strength And Performance

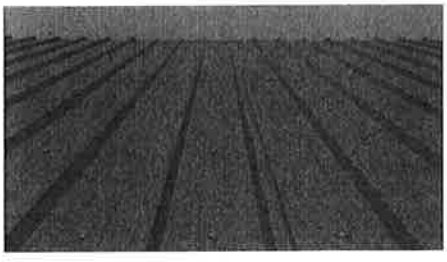
A deep 1-1/2-inch corrugation makes the Butlerib II roof panel one of the strongest standard ribbed panels in the industry. And the exclusive Butlerib II panel purlin bearing "return leg" provides added support at the panel sidelaps to withstand roof traffic.

Enhance And Protect The Beauty

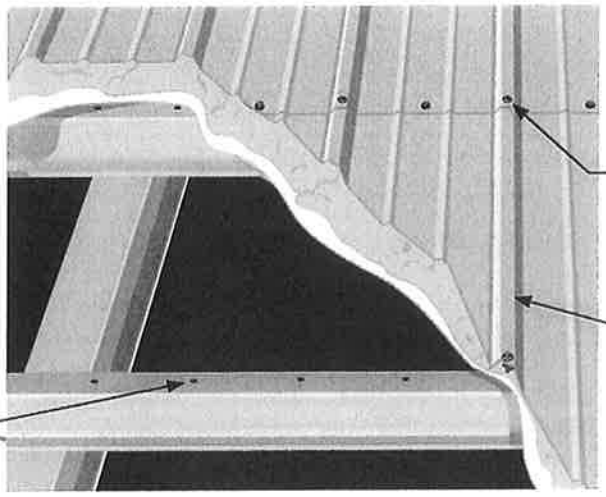
All painted Butlerib II roof panels feature the high-quality Butler-Cote™ premium finish. Made with a 70% Kynar 500® or Hylar 5000® resin, this incredibly durable coating resists fading and chalking to remain vibrant for years. "Cool roof" colors are also available, which may help you qualify for LEED® credits.

Corrugations standing 1-1/2" high provide extreme durability while offering an attractive appearance





Butlerib® II Roof System



The Butler Difference

Butler Builders provide complete construction services with single-source responsibility

- Reputable professionals with extensive knowledge of local building codes

Maximize your building's performance with a complete Butler® system solution

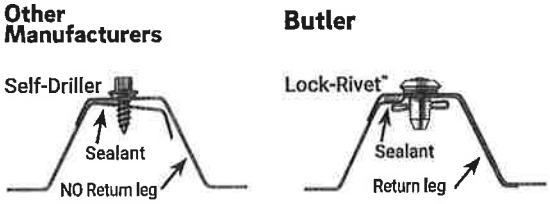
- Innovative structural, wall and roof systems
- Precision-engineered for seamless integration

BUTLER®

MBMA MEMBER

Key Benefits

- Exclusive Lock-Rivet™ fastener does not work loose over time
- Available factory-slotted holes on panels allow for thermal expansion
- Deep 1-1/2-inch corrugation and purlin bearing "return leg" add strength and support
- Kynar 500® or Hylar 5000® Butler-Cote™ finish system resists chalking/fading and is backed by a 25-year warranty on painted panels
- Available 10-year weathertightness warranty underscores the performance

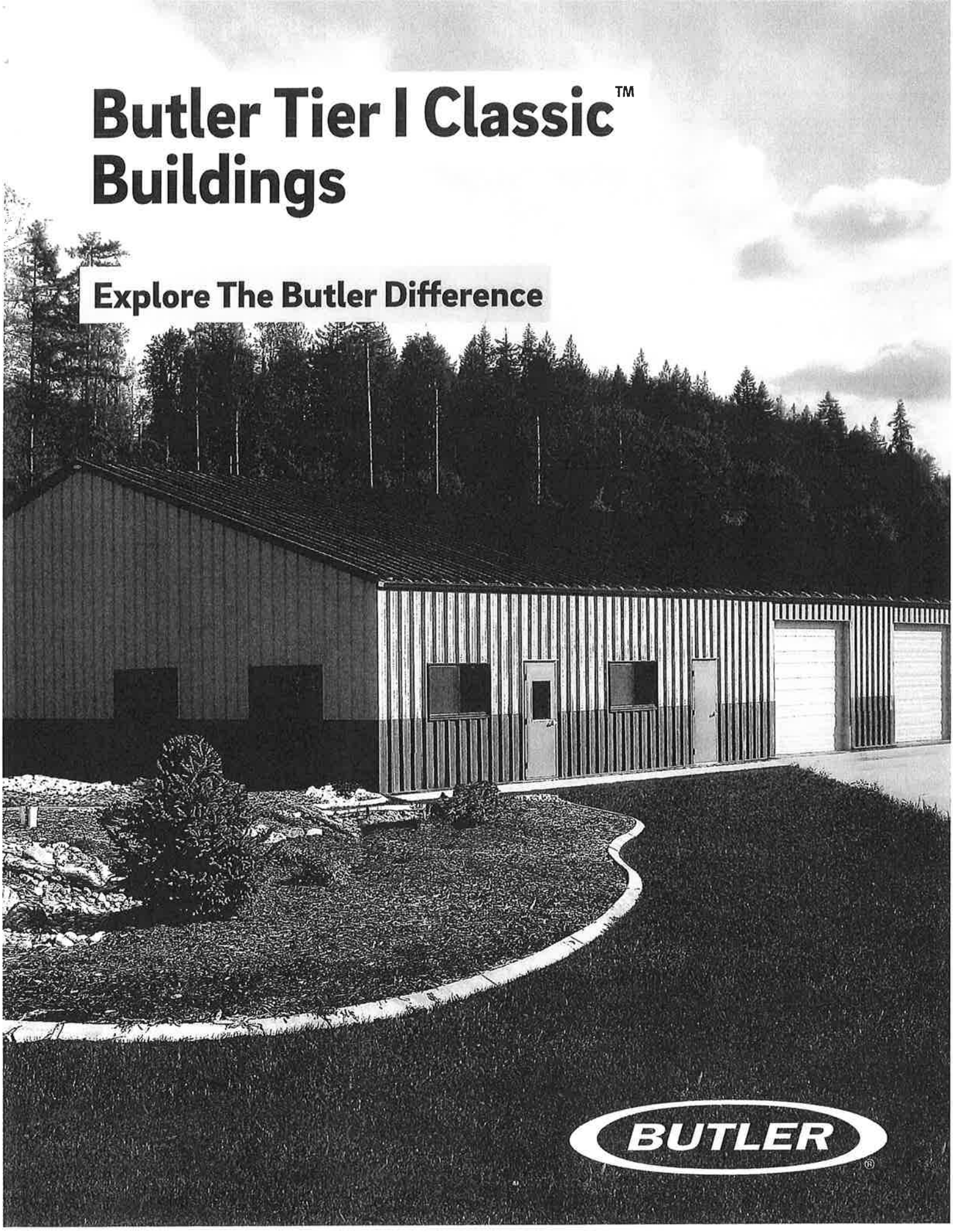


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Form No. 4264 1/21

Butler Tier I Classic™ Buildings

Explore The Butler Difference



PROVEN BUILDING QUALITY.



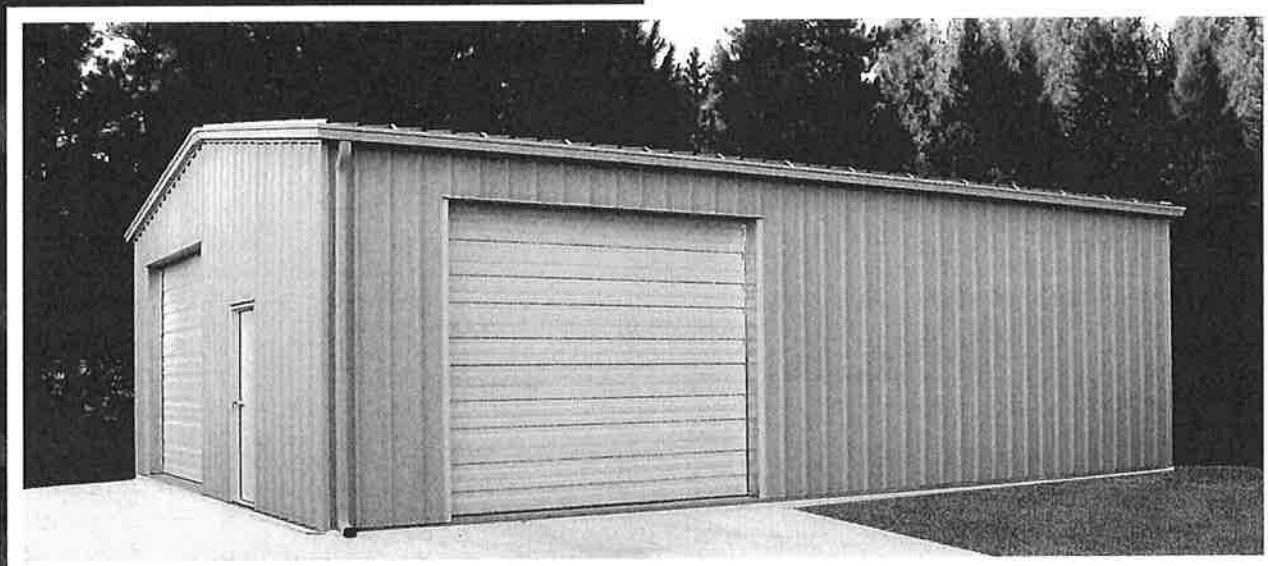
Since 1901, Butler Manufacturing has built a reputation as the leading producer of metal building systems that keep out the weather and look like new years after they are built.

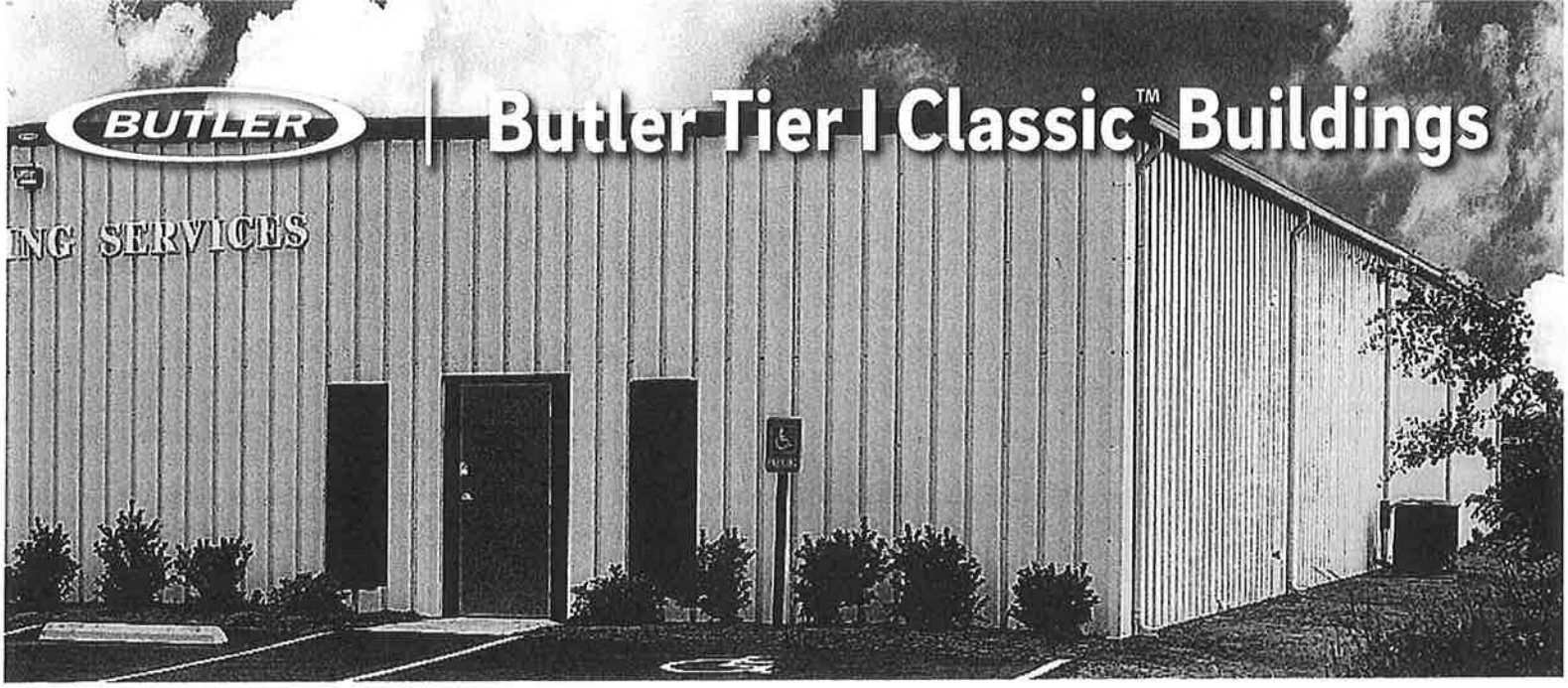
The Tier I Classic™ building system is one of these systems. It offers a competitive price with a short lead time and with the Butler® quality you expect.

Whether you need a building for storage, production processes, or even for retail or commercial use, we can design a Butler building to meet your needs.

Flexible Designs

Butler Tier II Classic building systems are available in a wide variety of slopes, widths, and heights. You may also choose an array of accessories to make your building more functional and attractive. These include: at-eave overhangs and canopies, gutters and downspouts, overhead doors, personnel doors, and interior liner panels.





Butlerib® II



- 3' wide panel
- Corrugations 12" on center
- 1-1/2" high corrugation

Shadowall™

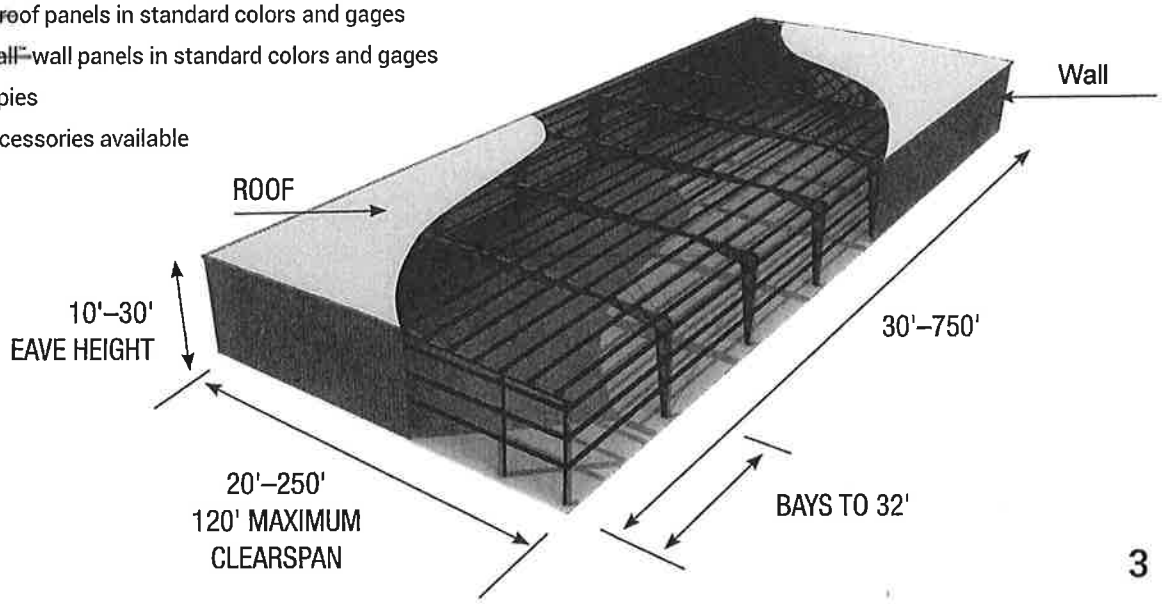


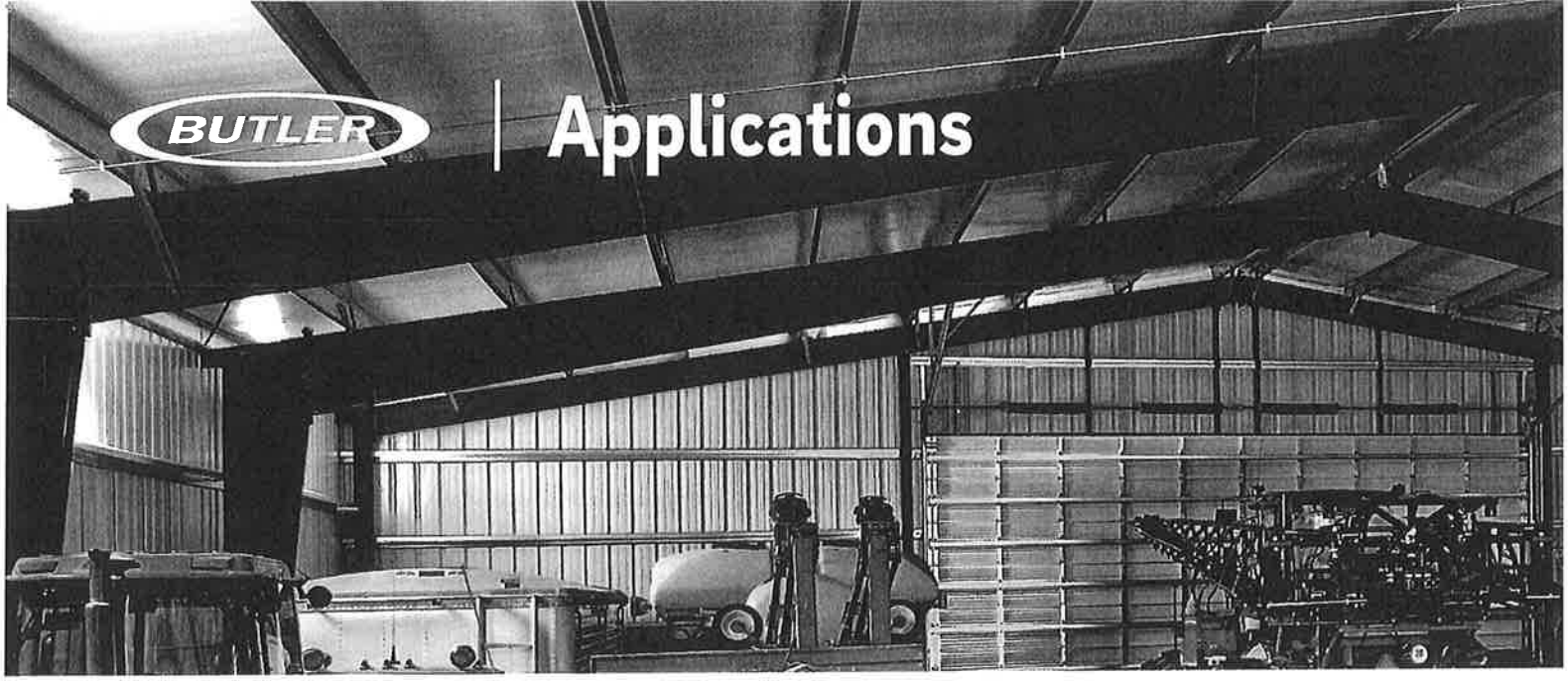
- 3' wide panel
- Corrugations 12" on center
- 1-7/16" high corrugation

Butler Tier I Classic™ Building System

Parameters

- 1/4:12 to 4:12 Roof Slope
- Straight or Tapered columns
- Rod, portal frames, or diaphragm bracing options
- Butlerib® II or MR-24® roof panels in standard colors and gages
- Butlerib® II or Shadowall™ wall panels in standard colors and gages
- At or below eave canopies
- Standard trims and accessories available





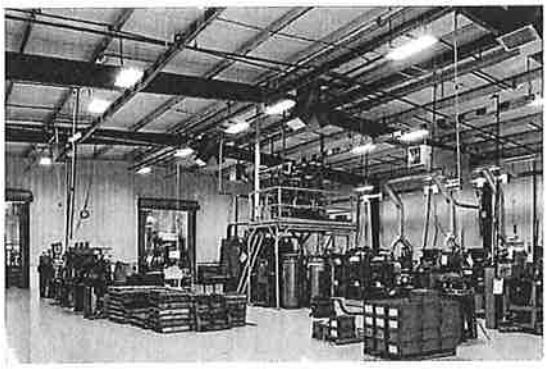
The Ultimate Solution

Each Tier I Classic™ building is engineered and manufactured to meet local building codes, and you can be confident it will provide years of low-maintenance ownership.

Several nationally recognized companies rely on Butler to meet their construction needs. Whether your needs are complex or basic, nationwide or local, a Butler® building system can enhance your operation with an affordable and attractive solution.

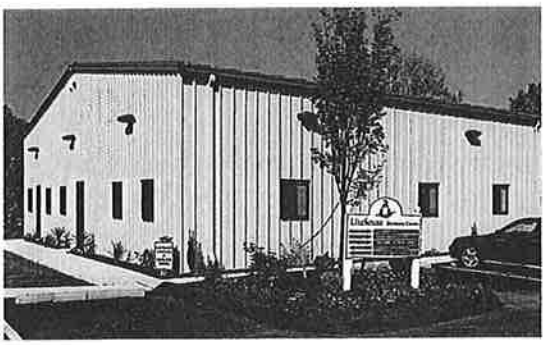
Agricultural/Farm Buildings

Thousands of satisfied customers have built cost-effective pre-engineered Tier I Classic™ buildings. From elaborate dairy and livestock barns to roof-only structures, a Tier I Classic building can be equipped to support your entire agricultural operation. You can even choose a multi-use facility for your specific application to maximize your space and budget. Durable Tier I Classic steel buildings are not susceptible to mold and termite infestation, as found with wood frame buildings.

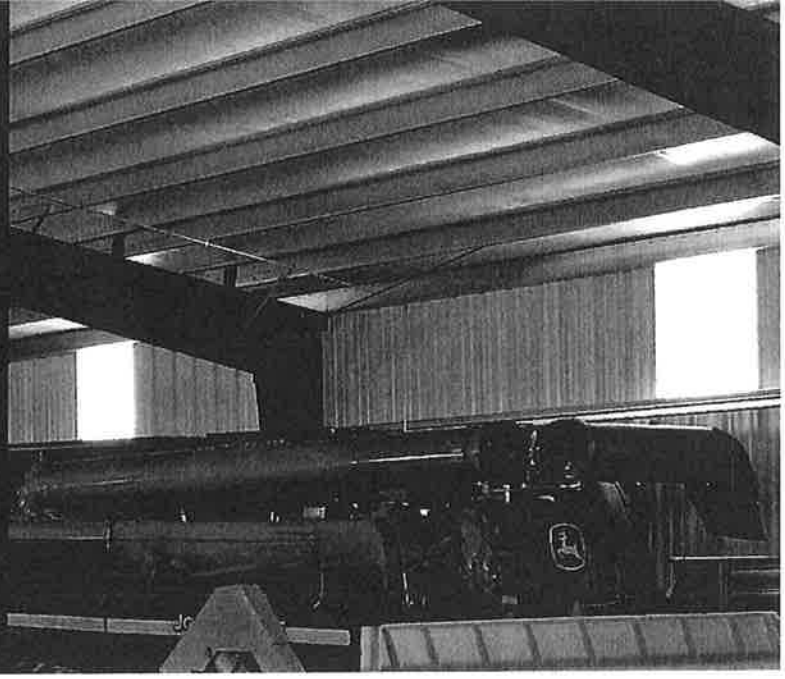


Community Buildings

Tier I Classic community buildings are competitively priced, attractive, low-maintenance solutions for gymnasiums, fire departments, community park shelters and more. Your Butler Builder® can help you design a Tier I Classic building that is uniquely tailored to your specific community building needs.



YOU HAVE IDEAS. WE HAVE SOLUTIONS.



Warehouse/Distribution Buildings

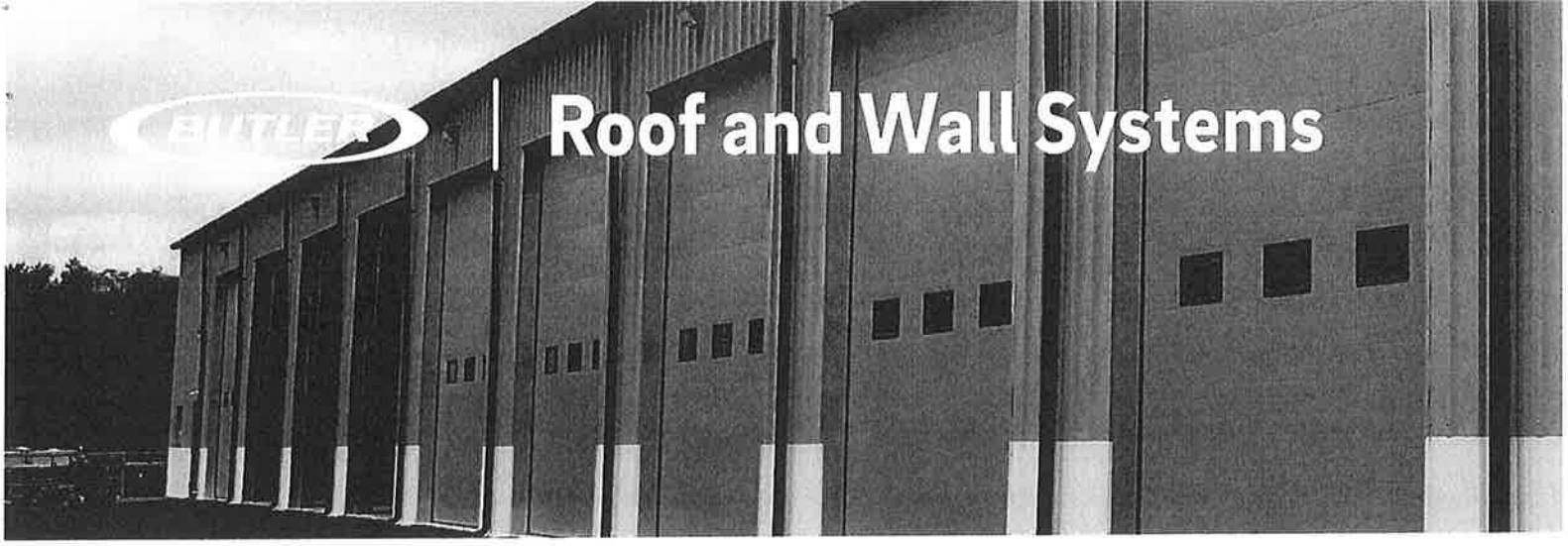
A Tier I Classic building can meet your desired requirements for your warehouse/distribution facility. From a trucking terminal with multiple overhead door bays to product storage space, Tier I Classic is an efficient and economical building solution. A variety of accessories and framing options are also available to accommodate your interior space needs.

Additionally, you can choose from the Butler-Cote™ finish system selection of paint colors to create the perfect image for your company.

Retail/Office Buildings

Tier I Classic commercial building solutions can be specified to meet almost any project requirement. You can incorporate not only metal wall panels into your facility, but also brick, block, stucco, and veneer up to a 8' wainscot.

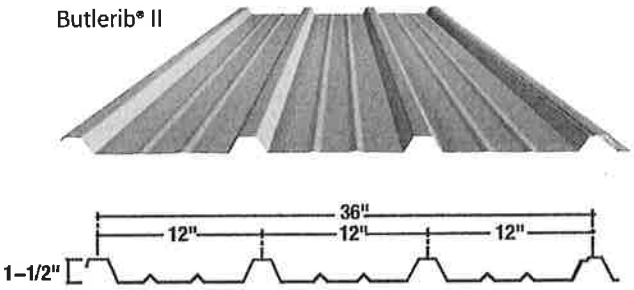




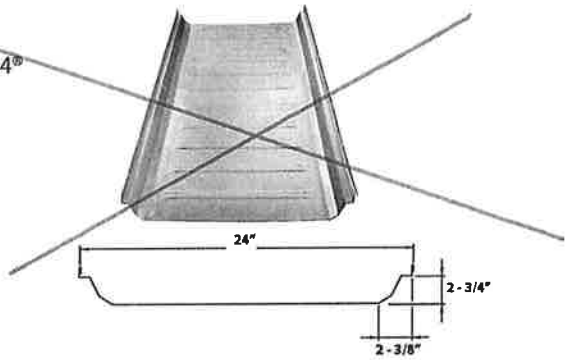
Roof and Wall Systems

Roof Systems

Butlerib® II



MR-24®

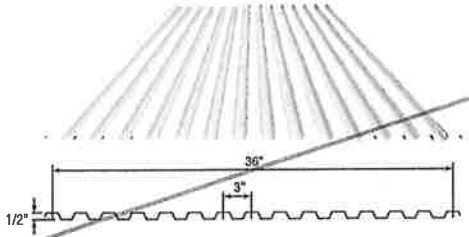


	Butlerib® II	MR-24®
APPLICATIONS	Agricultural, Commercial, Industrial	Commercial, Industrial
SLOPE	Minimum 1/2:12	Minimum 1/4:12, Maximum 4:12
SUBSTRUCTURE	Open framing or solid substrate	Open framing or solid substrate
PANEL COVERAGE	36"	24"
RIB HEIGHT	1-1/2"	2-3/4"
MATERIAL	26-gauge or 24-gauge	24-gauge
FINISH	Galvalume® or Kynar® finish	Galvalume® or Kynar® finish

Liner Panels

Liner Panel

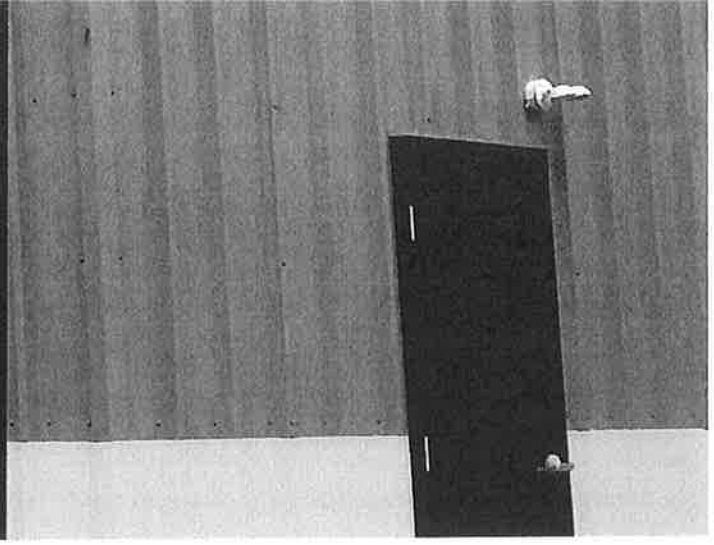
Available in either Butlerib® II or MOD-36 in an 8' standard length, or up to full wall height, with an unpainted Galvalume® or Butler-Cote™ finish. (Interior white color standard for MOD-36)



MOD-36 Liner Panel

	MOD-36 Liner
APPLICATIONS	Interior wall liner
PANEL COVERAGE	36"
PROFILE DEPTH	1/2"
MATERIAL	28-gauge solid steel
FASTENING SYSTEM	Exposed
FINISH	Interior white

FIELD PROVEN DESIGNS BUILT TO LAST



Integrity Means Everything

Butler is known for its design integrity in the building systems industry. We go to great lengths to assure that our buildings are certified to the highest design and manufacturing standards and comply with all applicable codes. You can also take comfort in knowing that all Butler® products are thoroughly tested to assure consistently superior quality.

A Building That Performs

You can count on Butler to provide the best materials available. Our standard exterior finish is Butler-Cote™, a fluoropolymer finish system (a full strength, 70% Kynar 500® or Hylar 5000® finish). The Butler-Cote finish will resist chalking and fading better than industry-standard coatings and is backed by a 25-year warranty.

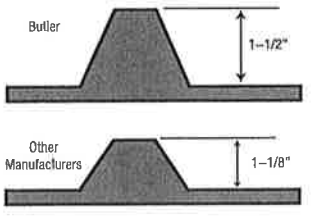
BUTLER FINISH VS. OTHER MANUFACTURERS

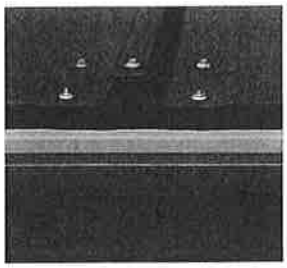


The Industry's Strongest Metal Panels

The deep one-and-one-half-inch corrugation on the Butlerib® II roof panels offer the strongest panel configuration available. This configuration provides substantially more resistance to wind uplift and roof traffic than any other panel.

BUTLER PANELS VS. OTHER MANUFACTURERS





Reliable Roof Protection

The MR-24 and Butlerib II roof systems both offer an attractive combination of protection, beauty, and affordability. The MR-24 roof system is a standing-seam roof system that delivers high-performance and weathertight protection. It acts like a monolithic steel surface covering your entire building. Because the MR-24 roof system is metal and moves freely with the forces of expansion and contraction, additional insulation thicknesses will not cause roof deterioration as commonly happens with conventional built-up roofs. The Butlerib II is the best thru-fastened roof system in the industry.



To provide added support against roof traffic, Butlerib II roof panels incorporate a "return leg" on all sidelap connections. Roof panel systems without a return leg often separate under fastener installation or roof-traffic pressure, increasing the probability of roof failure and leaks. With either roof system, you'll save on roof maintenance costs and headaches.

A Builder You Can Trust

No aspect of The Butler Difference is more important than the Butler Builder®. Today, there are more than 1,000 Butler Builders in North America. Visit www.butlermfg.com to find the Butler Builder near you.

Experience the Butler Difference.

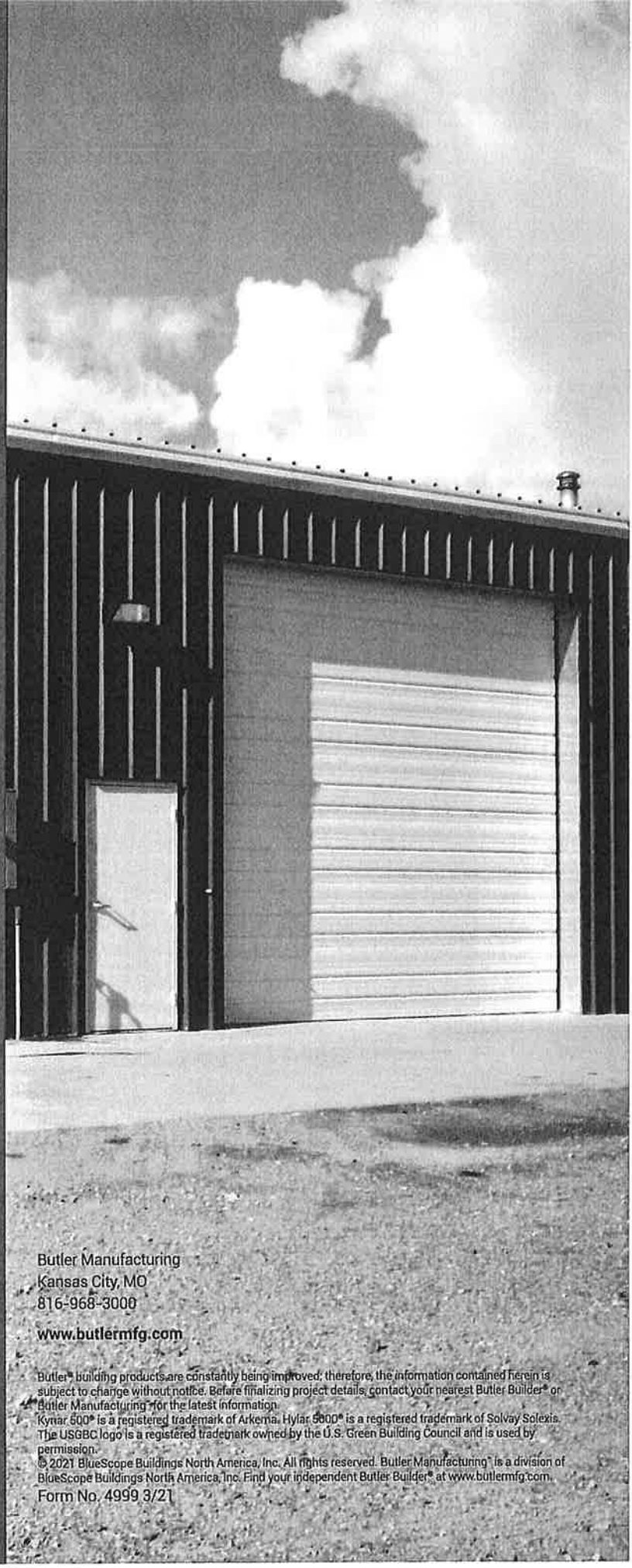
Butler Builders—offering single-source responsibility and complete construction services. Find your local Butler Builder® at **www.butlermfg.com.**

High-performance products—such as acrylic-coated galvanized C/Z purlins and girts, and structural and wall systems that integrate easily with conventional building materials.

Butler-Cote™ finish—only Butler offers this superior full-strength Kynar 500® or Hylar 5000® Fluoropolymer finish system as the standard exterior finish on all painted panels and trim.

BUTLER®

MBMA MEMBER



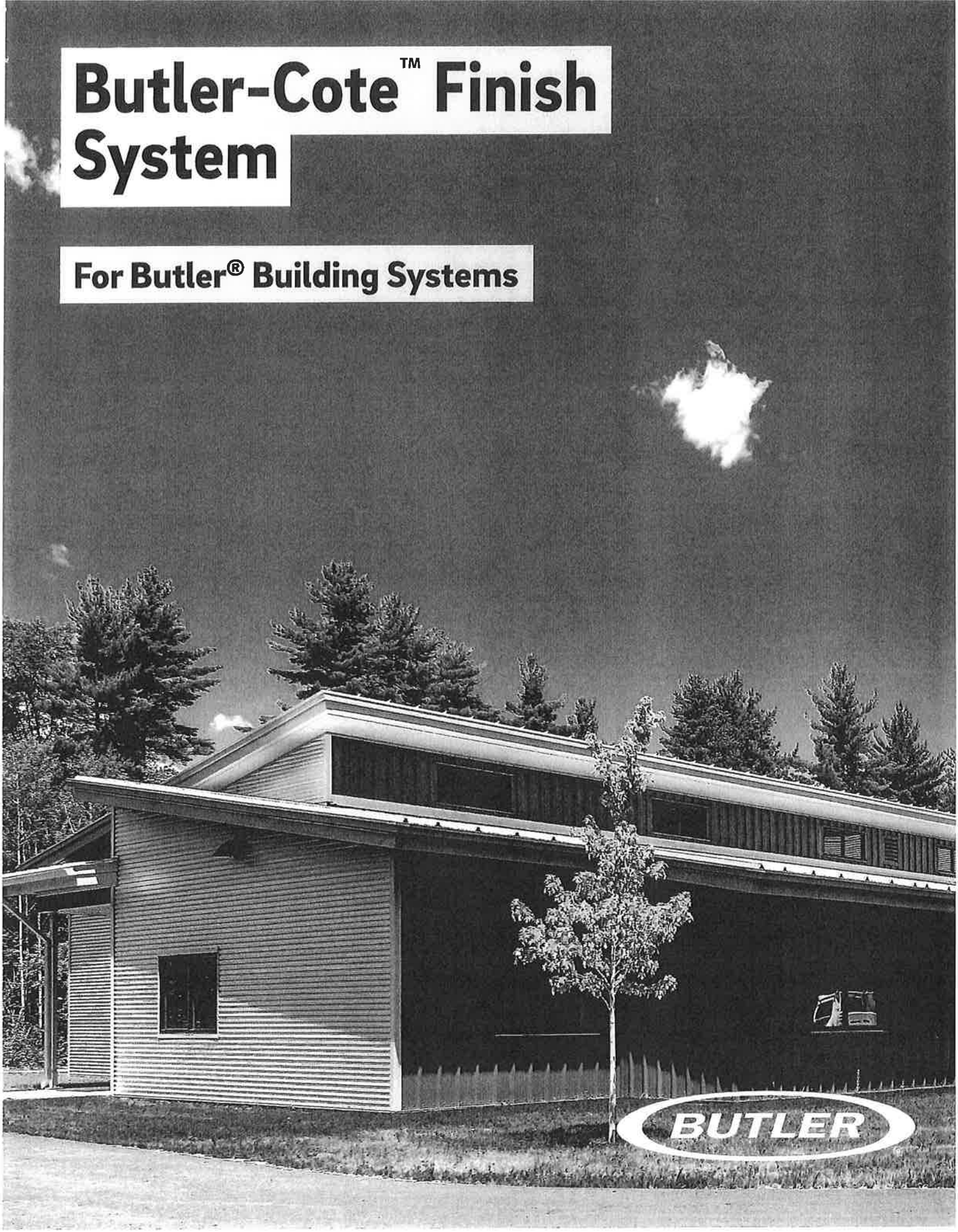
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Form No. 4999 3/21

Butler-Cote™ Finish System

For Butler® Building Systems



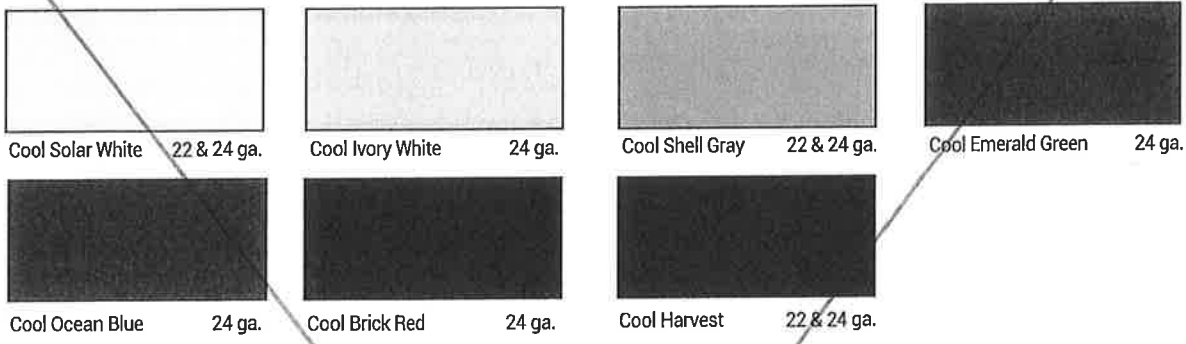
Butler-Cote™ Finish System

for Butler® Building Systems

All Butler-Cote™ fluoropolymer finishes have a Solar Reflectance Index of 29 or greater.

Roof Systems

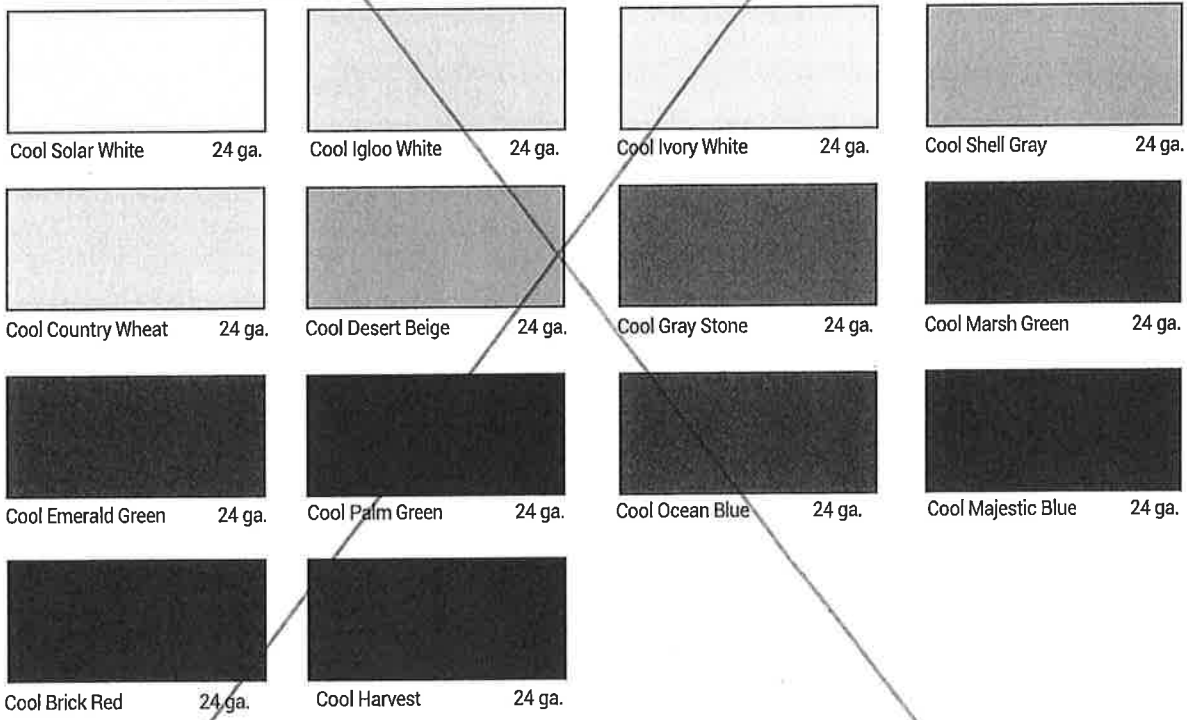
MR-24® AND CMR-24® ROOF SYSTEMS



Cool Solar White 22 & 24 ga. | Cool Ivory White 24 ga. | Cool Shell Gray 22 & 24 ga. | Cool Emerald Green 24 ga.

Cool Ocean Blue 24 ga. | Cool Brick Red 24 ga. | Cool Harvest 22 & 24 ga.

VSR II™ ROOF SYSTEM



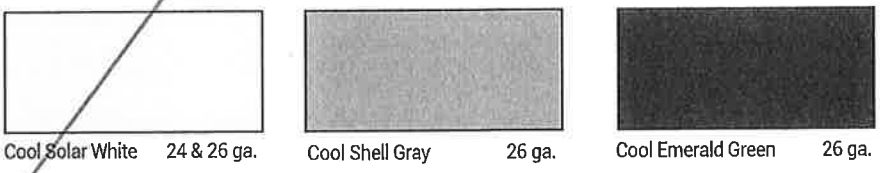
Cool Solar White 24 ga. | Cool Igloo White 24 ga. | Cool Ivory White 24 ga. | Cool Shell Gray 24 ga.

Cool Country Wheat 24 ga. | Cool Desert Beige 24 ga. | Cool Gray Stone 24 ga. | Cool Marsh Green 24 ga.

Cool Emerald Green 24 ga. | Cool Palm Green 24 ga. | Cool Ocean Blue 24 ga. | Cool Majestic Blue 24 ga.

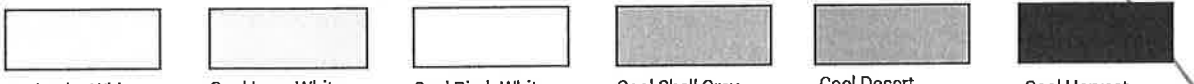
Cool Brick Red 24 ga. | Cool Harvest 24 ga.

BUTLERIB® II ROOF SYSTEM



Cool Solar White 24 & 26 ga. | Cool Shell Gray 26 ga. | Cool Emerald Green 26 ga.

MODULEZE™ II SOFFIT COLORS



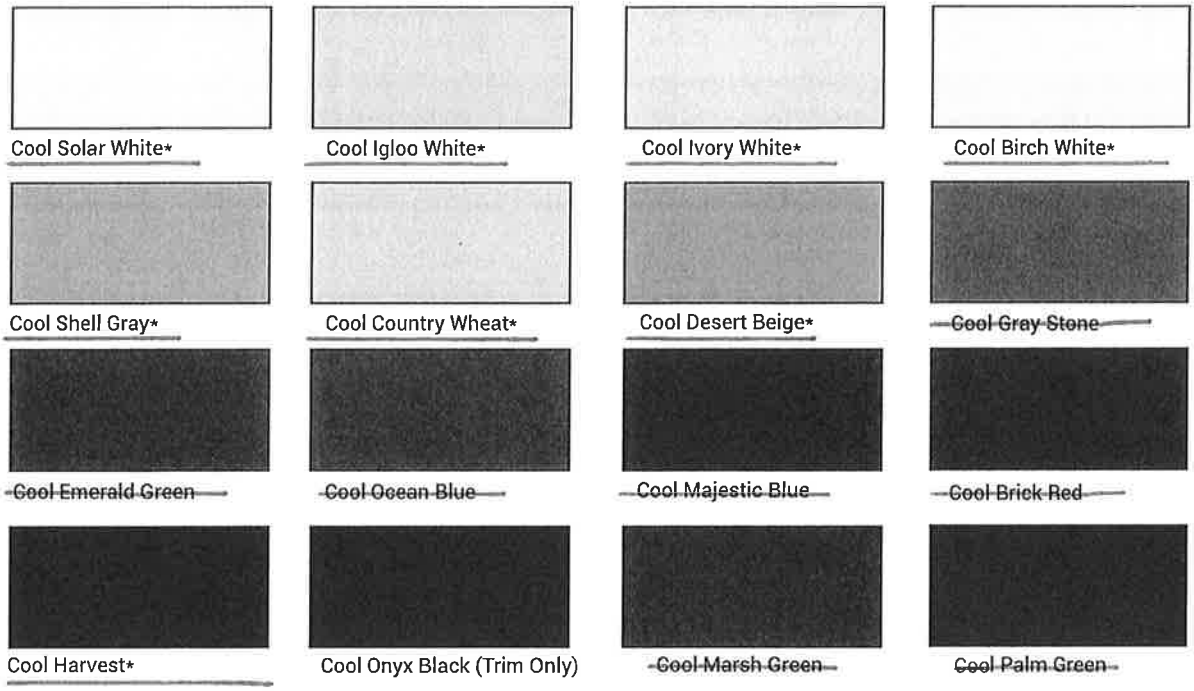
Cool Solar White 24 ga. | Cool Ivory White 24 ga. | Cool Birch White 24 ga. | Cool Shell Gray 24 ga. | Cool Desert Beige 24 ga. | Cool Harvest 24 ga.

For color, gauges, or color/panel combinations not shown, additional charges apply and a minimum order is required.

BUTLER

Wall Systems

SHADOWALL™, BUTLERIB® II, STYLWALL® II FLAT AND FLUTED WALL SYSTEMS, AND MOD-36 (GABLE TRIM, EAVE TRIM, GUTTER AND DOWNSPOUTS)



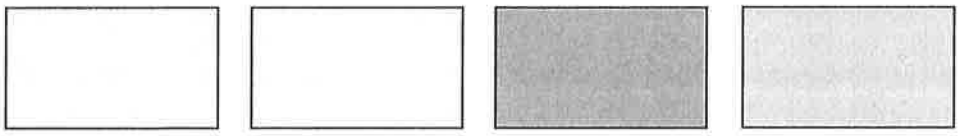
Cool Solar White* | Cool Igloo White* | Cool Ivory White* | Cool Birch White*

Cool Shell Gray* | Cool Country Wheat* | Cool Desert Beige* | Cool Gray Stone

Cool Emerald Green | Cool Ocean Blue | Cool Majestic Blue | Cool Brick Red

Cool Harvest* | Cool Onyx Black (Trim Only) | Cool Marsh Green | Cool Palm Green

BUTLER THERMAWALL™ WALL SYSTEM



Cool Solar White | Cool Birch White | Cool Shell Gray | Cool Country Wheat

INTERIOR FINISH COLORS (NOT FORMULATED FOR EXTERIOR USE)



Light Gray (Butlerib® II roof & wall, StylWall® II Fluted, Shadowall™, MR-24®, VSR II™ and MOD-36)

Igloo White (Butler Thermawall™ & TextureWall™) USDA-approved

Interior White (CMR-24® Liner and MOD-36 in 22 or 28 gauge only)

GAUGE AVAILABILITY

Butlerib® II & Shadowall™ - 26 gauge
StylWall® II Flat - 26 gauge
StylWall® II Fluted - 24 gauge
MOD-36 - 22, 24, 26, and 28 gauge
Trim - 26 gauge
*Also available in 24 gauge for Butlerib® II, Shadowall™ and MOD-36

All color selections are close representations, but are limited by processing and viewing conditions. Lead times may vary by product selection. Contact your Butler Builder® for more information.

A Commitment to Building Green

All standard Butler-Cote™ 25-year fluoropolymer color finishes feature a Solar Reflectance Index (SRI) of 29 or greater.

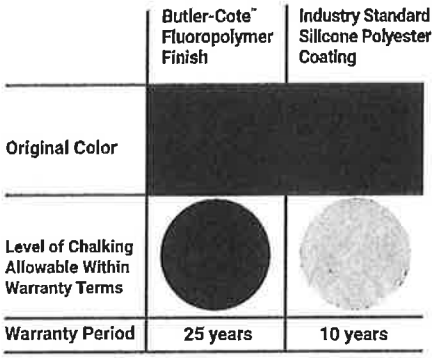
Enhance and Protect the Beauty

The standard exterior paint finish for all Butler panels and trim is the Butler-Cote system, consisting of a full strength 70% Kynar 500® or Hylar 5000® PVDF resin-base fluoropolymer finish.

The Butler-Cote system resists the chalking and fading that often leaves a building looking drab and dated. Our 25-year warranty guarantees that, on roof and wall panel standard colors, chalking will not exceed a rating of #8 and fading will not exceed 5ΔE color difference units. The warranty also covers peeling, cracks, or chipping of the paint finish.

While many manufacturers' warranties are prorated after a certain period of time, we offer our Butler-Cote roof and wall panel warranty for a full 25 years—with no prorating. It's a testament to our high performance standards.

FLUOROPOLYMER FINISH VS. SILICONE POLYESTER AFTER 8 YEARS OF WEATHERING.



BUTLER-COTE™ FINISH SYSTEM SOLAR REFLECTANCE DATA

Available Standard "Cool" Colors	Initial Solar Reflectance	Initial Emittance	Solar Reflectance Index (SRI)
Cool Solar White	0.76	0.84	93
Cool Igloo White	0.64	0.84	76
Cool Ivory White	0.63	0.83	74
Cool Birch White	0.64	0.84	77
Cool Shell Gray	0.55	0.84	63
Cool Country Wheat	0.61	0.84	72
Cool Desert Beige	0.49	0.84	55
Cool Gray Stone	0.37	0.85	39
Cool Marsh Green	0.34	0.85	35
Cool Emerald Green	0.30	0.85	30
Cool Palm Green	0.30	0.84	29
Cool Ocean Blue	0.33	0.84	33
Cool Majestic Blue	0.30	0.84	29
Cool Brick Red	0.34	0.85	35
Cool Harvest	0.32	0.84	32
Cool Onyx Black	0.30	0.84	29
Galvalume® Plus	0.70	0.84	84

BUTLER®

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816-968-3000

www.butlermfg.com

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