

ClearSpan's Bolt Up Buildings

FREE SHIPPING and delivered in under 4 weeks



Affordable, *easy to assemble*, and fast turnaround time!

ClearSpan's Bolt Up Buildings go up quickly and only require a few tools. They are engineered for easy assembly with no welding. Your order is shipped in under 4 weeks. Choose the perfect size, order from your representative, and a complete package with easy-to-follow instructions will be quickly delivered. It's really that simple.



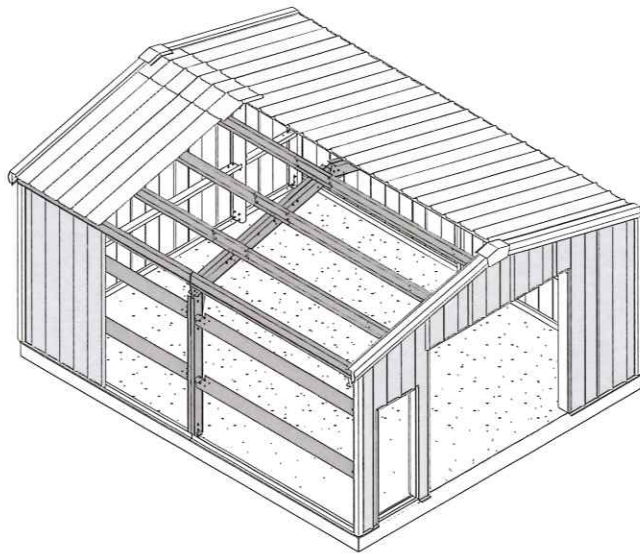
- **FREE SHIPPING** in under 4 weeks
- Easy-to-follow assembly instructions and step-by-step video guide
- No welding required
- Walk door w/ lever lockset
- Framed opening height at 10'
- Many options and accessories

ClearSpan

Visit www.ClearSpan.com or call
1.866.643.1010 to place your order today!



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CentralGuard® is a trademark of Central States® Manufacturing, Inc.
Galvalume® is a registered trademark of BIEC International, Inc.



Pick the perfect package for your dream building.

Choose your building size:

- 20_W X 24_L X 12_H 30_W X 40_L X 12_H
- 24_W X 30_L X 12_H 30_W X 52_L X 12_H

Color options: Charcoal (C), Polar (P), Hunter (H), Crimson (CR) or Light Stone (LS).



Find more information at
www.ClearSpan.com

STANDARD BUILDING PACKAGE INCLUDES

INSTALLATION GUIDE

Easy to follow assembly instructions and construction plans

FRAMING (MINIMUM)

- 8" 16-gauge, red iron roof purlin, flush wall girts, eave struts, and endwall columns
- 8" 14-gauge, red iron sidewall column and rafter
- 14-gauge, red iron base angle
- 3/8" thick steel structural plates
- Universal bolt package for simple installation

ROOF

Prime, 26-gauge acrylic Galvalume® R-Loc™ with CentralGuard Protection—3:12 pitch in your choice of 5 colors

WALLS

Prime, 26-gauge painted R-Loc with CentralGuard Protection in your choice of 5 colors

TRIM

Painted 26-gauge trim package includes base, rake, formed ridge cap, corners, eave, and peak box trims

OPENING

- 10' W x 10' H framed openings at both endwalls*
- Door trim package includes painted jamb/header and jamb cover trim

ACCESSORIES**

- Roof and wall closures
- Butyl tape
- Clear sealant
- 1 1/2" structural A325 bolts and nuts
- 1 1/4" masonry drive-in anchor for base condition
- 1 1/4" self-drilling fasteners
- 1 1/4" A307 fin neck bolts and nuts
- 7/8" lap fasteners
- Pop rivets
- Steel walk door, jamb and lever lockset
- 10' x 10' Steel Roll-Up Door

WARRANTY

Lifetime limited paint adhesion
30-yr. chalk and fade
20-yr. perforation on painted panels
25-yr. perforation on unpainted panels

PREMIUM BUILDING PACKAGE INCLUDES

ACCESSORIES

- All standard options are included
- Gutters and downspouts
- DripX condensation barrier

DESIGN CRITERIA

- IBC 2012 & 2015
- Wind exposure C
- 145 mph wind
- 20 lb reducible roof live load
- 25 lb roof / 30 lb ground snow load
- 1 lb collateral
- Category II occupancy
- Standard deflections
- Seismic Zone D





ClearSpan's Bolt Up Building

**No welding.
No sweat.**

It's really that simple.

- Multiple Sizes.
- Choose your colors.
- Package delivers in days.
- Build it quick.
- Install with simple tools.

*Visit www.ClearSpan.com or
call 1.866.643.1010 to place
your order today!*





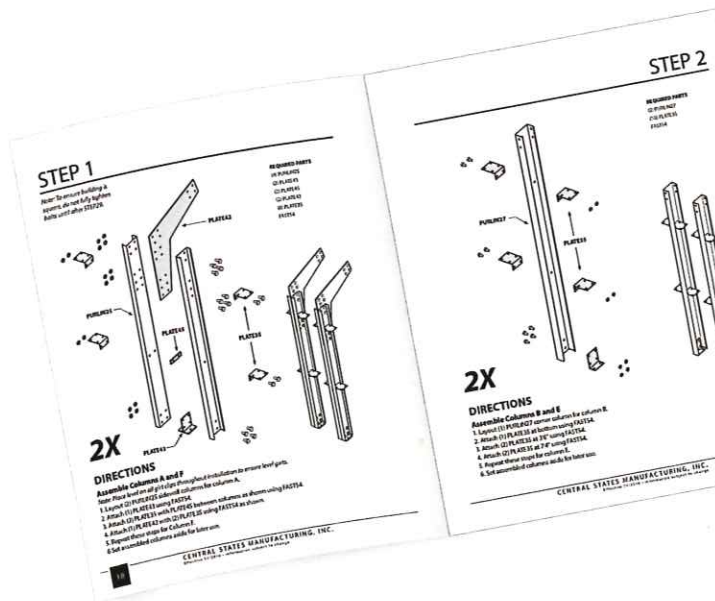
If you can use a wrench, you can build a Bolt Up Building!

Seriously...it's that simple.

Just follow our step-by-step instructions using wrenches, ladders and screw guns and you can have a new building in just a few days.



Engineered cees and zeos
bolt together with solid steel
 plates to give its strength.

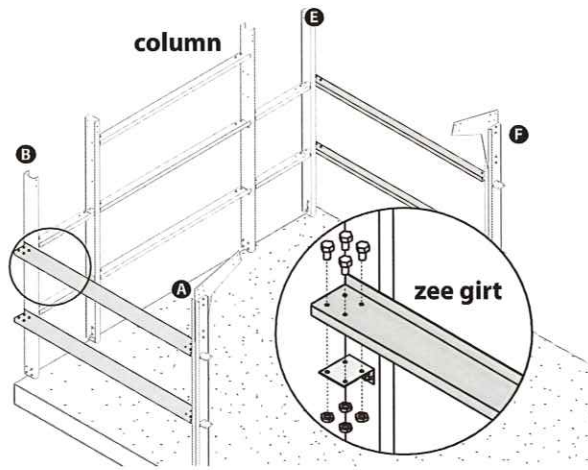




Adding **zee girts** between the columns make the walls strong.

DAY 1:

- Assemble columns - approx. 4 hours
- Stand columns - approx. 1 hour
- Attach zee girts - approx. 3 hours
- Assemble rafters - approx. 2 hours

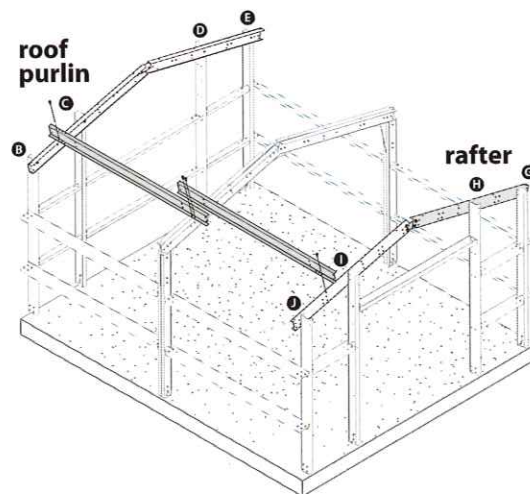




*A group of friends and a few **ladders** make raising the center rafters quick.*

DAY 2:

- Raise and install rafters - approx. 3 hours
- Install roof purlins - approx. 2 hours

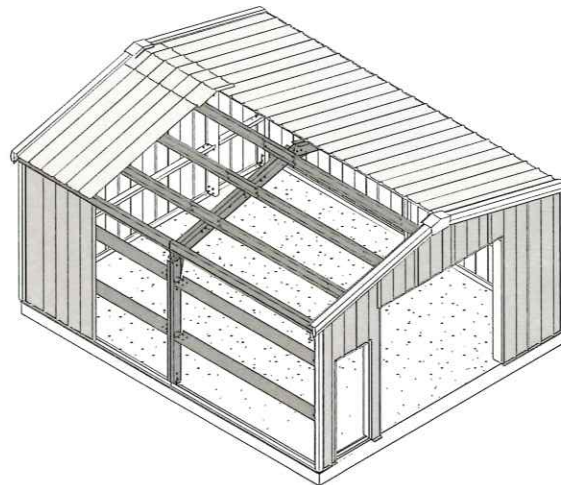




All you need is a **power drill** to attach the roof and wall panels.

DAY 3:

- Install siding - approx. 2 hours
- Install roofing - approx. 2 hours
- Install trim - approx. 2 hours



Planning:

- Check local zoning regulations
- Obtain a building permit, if required
- Plan and grade site
- Frame and pour concrete foundation with embedded anchor bolts, concrete foundation specialist recommended

Required tools:

- PPE (safety glasses, hard hat, gloves)
- Socket w/ratchet, 1" and 3/4"
- Nut driver, 1/4" and 5/16"
- Open/closed end wrench, 3/4"
- Power drill
- Ladder(s)
- Ratchet straps, 3" x 30'
- Metal snips/shear
- Level, 4' magnetic
- Sledgehammer, small 3lbs
- Three good friends + beverages

Make your life easier:

These items are not required, but can make installation easier or quicker.

- Crescent spud wrench, 3/4"
- Impact driver/hammer drill
- Turbo shear for cutting panels
- Scaffolding, scissor lift, or tractor for raising roof purlin



www.ClearSpan.com • 1.866.643.1010

Central States MFG
302 Jane Place
Lowell, AR 72745

CENTRA SERIES™

BOLT-UP STEEL BUILDINGS

800-356-2733

FRAME COLOR: Red Oxide
 COMPONENT COLOR: Red Oxide
 ROOF PANELS: RL 26 GAUGE
 COLOR: Galvalume Plus
 WALL PANELS: RL 26 GAUGE
 COLOR: Central Guard 40 YR Paint
 TRIM COLORS: _____
 GABLE: Central Guard 40 YR Paint
 CORNER: Central Guard 40 YR Paint
 EAVE: Central Guard 40 YR Paint
 FRAMED OPENINGS: Central Guard 40 YR Paint
 LINER COLOR: _____
 LEFT ENDWALL: _____
 RIGHT ENDWALL: _____
 FRONT SIDEWALL: _____
 BACK SIDEWALL: _____
 ROOF: _____

BUILDING LOADS / DESCRIPTION:
 WIDTH: 30 LENGTH: 57 HEIGHT: 12
 (BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY NATIONAL CODE : IBC12 and IBC15 AND STATE BUILDING CODE (IF APPLICABLE) : IBC12 and IBC15

BUILDING OCCUPANCY: II - Normal

ROOF DEAD LOAD: 2.200 PSF (ROOF PANELS & PURLINS)
 COLLATERAL LOAD: 1 PSF
 ROOF LIVE LOAD: 20.00 PSF
 REDUCTION ALLOWED: Yes
 ROOF SNOW LOAD: 25.2 PSF GROUND SNOW LOAD: 30 PSF
 BASIC WIND SPEED: 145 MPH WIND EXPOSURE: C
 WIND SERVICEABILITY: 135.00 MPH BUILDING CLOSURE: Closed
 SEISMIC ZONE: D SEISMIC SITE CLASS: D

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

IMPORTANCE FACTORS:
 WIND LOAD: 1.00
 SNOW LOAD: 1.0000
 SEISMIC LOAD: 1.00

EW COL:	180	ROOF PANEL WIND:	120
EW RAFL LIVE:	180	RF HORIZONTAL:	60
WALL LIVE:	180	WIND BENT:	60
WALL GIRT:	90	RF CRANE:	120
PURL LIVE:	180	RF SEIS:	65
PURL WIND:	120	WIND BENT SEIS:	65
WALL PANEL:	90		
WALL SHEETING:	180		
ROOF PANEL LIVE:	180		

DEFLECTION LIMITS:

MINIMUM YIELD:	Fy = 36,0000 ksi MIN
HOT ROLLED BAR:	Fy = 50,0000 ksi MN
STRUCTURAL STEEL SHEET:	Fy = 50,0000 ksi MN
STRUCTURAL STEEL PLATE:	Fy = 57,0000 ksi MN
COLD FORMED SHAPES:	Fy = 60,0000 ksi MIN
WALL SHEETING:	Fy = 60,0000 ksi MIN
ROOF SHEETING:	A307 & A325
BOLTS:	A307 & A325

THE METAL BUILDING MANUFACTURER RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS WITH EQUAL OR BETTER MATERIAL.

2) BOLT TIGHTENING REQUIREMENTS:
 HIGH STRENGTH BOLTS SHALL BE TIGHTENED BY THE TURN OF THE NUT METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. A325 BOLTS SHALL BE INSTALLED WITH OUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT" METHOD. ALL BOLTED CONNECTIONS, FOR SHEAR/BEARING CONNECTION TYPE WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE SHALL BE SNUG TIGHT ONLY.

3) ALL STRUCTURAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

4) THE UNDERSIGNED PROFESSIONAL ENGINEER IS NOT THE ENGINEER OF THE RECORD FOR THE OVERALL PROJECT. THIS CERTIFICATION COVERS PARTS MANUFACTURED AND DELIVERED BY THE MANUFACTURER ONLY, AND EXCLUDES PARTS SUCH AS DOOR, WINDOWS, FOUNDATION DESIGN AND ERECTION OF THE STRUCTURE.

BUILDER / CONTRACTOR RESPONSIBILITIES
 IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE METAL BUILDING SYSTEM MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT. APPROVAL OF THE METAL BUILDING SYSTEM MANUFACTURER'S DRAWINGS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED. APPROVAL OF THE METAL BUILDING SYSTEM MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE METAL BUILDING SYSTEM MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICES, 9TH ED.)

WHERE DISCREPANCIES EXIST BETWEEN THE METAL BUILDING SYSTEM MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE 9TH ED.)
 DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE METAL BUILDING SYSTEM MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE METAL BUILDING SYSTEM MANUFACTURER'S ENGINEER UNLESS SPECIFICALLY INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE METAL BUILDING SYSTEM MANUFACTURER "FOR CONSTRUCTION" DRAWINGS.

ALL BRACING AS SHOWN AND PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS; BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION, OR COLLISION. (SECT. 7.5.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

APPROVAL NOTES

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS: IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS BE MADE IN CONTRASTING INK (PREFERABLY RED INK), HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED, AND BE LEGIBLE AND UNAMBIGUOUS. A SIGNATURE AND DATE IS REQUIRED ON ALL PAGES.

MANUFACTURER RESERVES THE RIGHT TO RE-SUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE. APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE METAL BUILDING SYSTEM MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.

ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION.

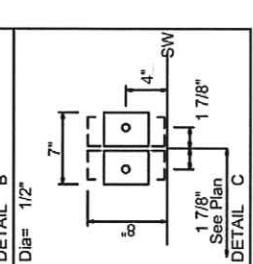
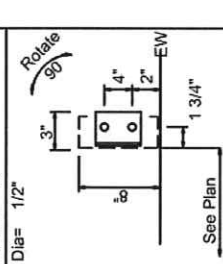
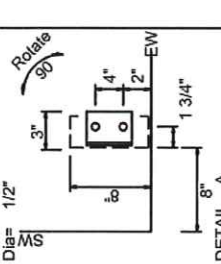
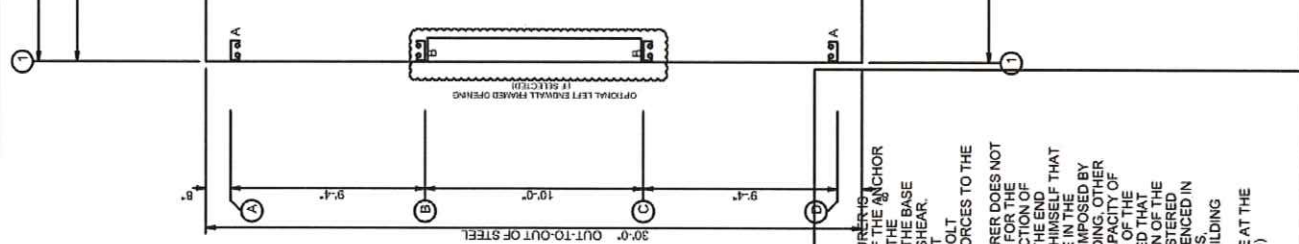
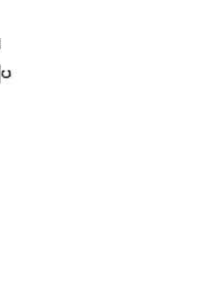
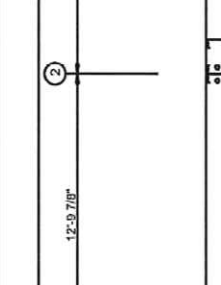
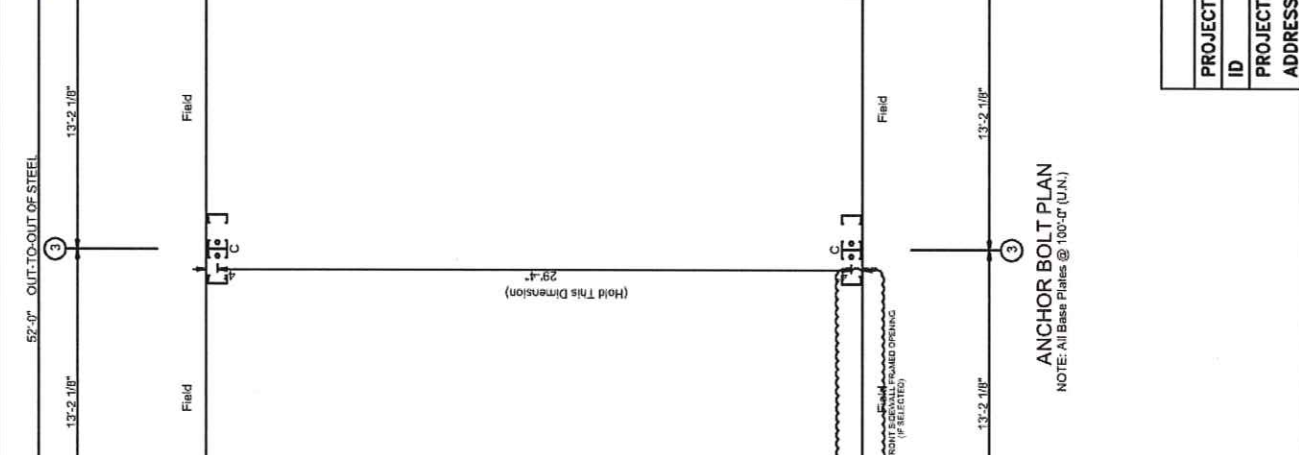
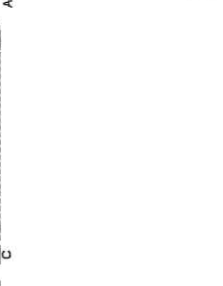
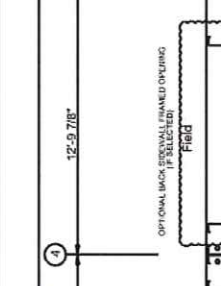
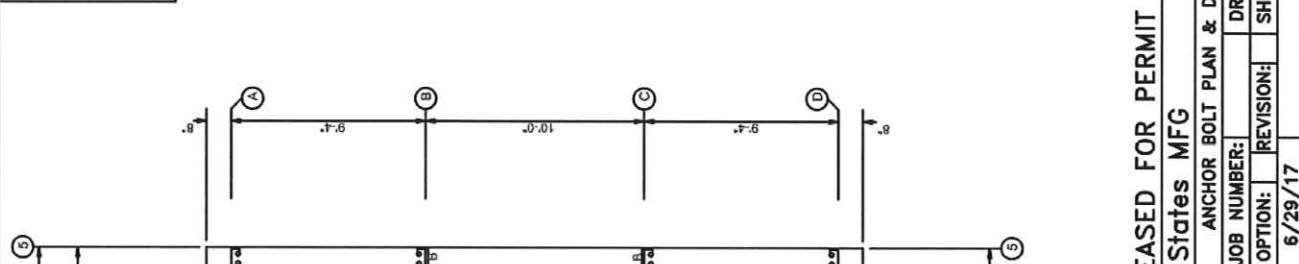
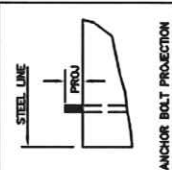
MANUFACTURER RECOGNIZES THAT "RUBBER STAMPS" ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERNATIVES TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND HIS CUSTOMER.

IMPORTANT NOTE: FINAL DETAILING, FABRICATION, AND DELIVERY DATE OF THIS PROJECT CANNOT BE COMPLETED UNTIL THE SIGNED APPROVALS ARE RETURNED TO THE METAL BUILDING MANUFACTURER.

DRAWINGS RELEASED FOR PERMIT

BUILDING STATUS AND DESCRIPTION

PRELIMINARY	EARLY QUOTE OR PRELIMINARY DESIGN. BUILDING DESIGN AND DETAILING MAY CHANGE DRASTICALLY. APPROVAL DRAWINGS TO FOLLOW UPON PRELIMINARY APPROVAL. NOT FOR PERMIT OR ERECTION
AWAITING APPROVAL	DRAWINGS REQUESTING FINAL APPROVAL FROM CONTRACTOR. PLEASE SIGN AND RETURN ALL DRAWINGS OR NOTE MODIFICATIONS. PENDING APPROVAL, CONTRACT AND INVOICE TO FOLLOW. NOT FOR PERMIT OR ERECTION.
RELEASED FOR PERMIT	RELEASED FOR BUILDING PERMIT. MINOR DETAILING CHANGES (PART NUMBER, DETAILS, CLARIFICATION) MAY OCCUR BEFORE PRODUCTION. NOT FOR ERECTION
FINAL DRAWINGS	FINAL DRAWINGS RELEASED FOR CONSTRUCTION; THESE CAN ALSO BE CONSIDERED "FOR PERMIT"
△	PURCHASER: Central States MFG
△	APPROVED FOR CONSTRUCTION
△	PROJECT: 30x52x12
△	RELEASER FOR PERMIT
△	JOB NUMBER: 30x52x12 25.2
△	SENT FOR APPROVAL
REV	6/29/17 REVISION



GENERAL NOTES

1. THE METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLT DIAMETER ONLY TO PERMIT THE TRANSFER OF FORCES BETWEEN THE BASE PLATE AND THE ANCHOR BOLT IN SHEAR, TENSION AND COMBINATION THEREOF. THE ANCHOR BOLT IS NOT RESPONSIBLE FOR THE ANCHOR BOLT EMBEDMENT FOR TRANSFER OF FORCES TO THE FOUNDATION.
2. THE METAL BUILDING MANUFACTURER DOES NOT DESIGN AND IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND CONSTRUCTION OF THE ANCHOR BOLT. THE ANCHOR BOLT IS THE PROPERTY OF THE CUSTOMER. THE ANCHOR BOLT IS TO BE USED IN ACCORDANCE WITH THE ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPOSED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE. IT IS RECOMMENDED THAT THE ANCHORAGE AND FOUNDATION OF THE BUILDING BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF SUCH STRUCTURES.
3. ALL ANCHOR BOLTS SHALL BE METAL BUILDING SYSTEMS MANUFACTURED BY THE SAME MANUFACTURER AS THE ANCHOR BOLTS. THE BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED)

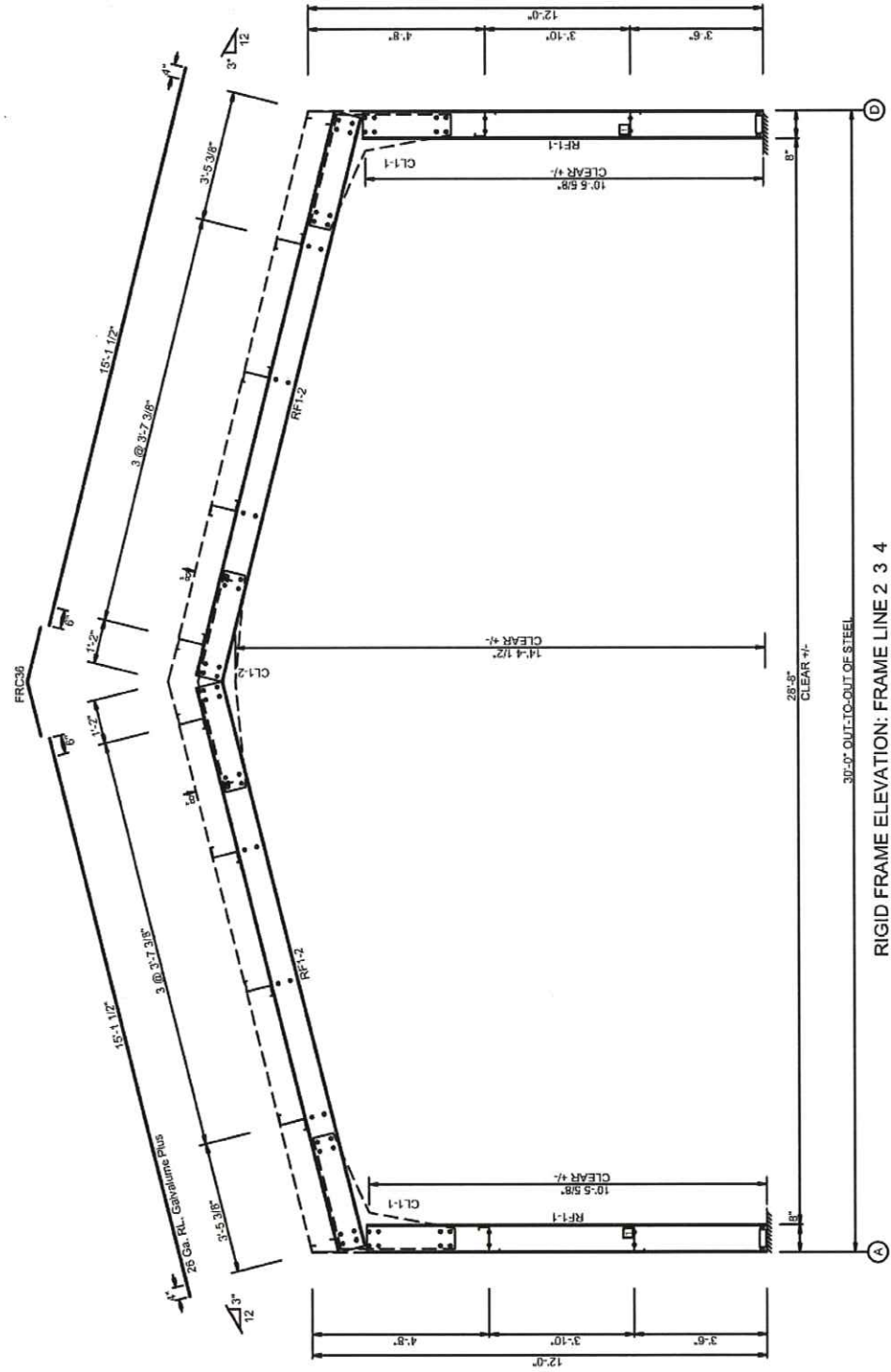
ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)

DRAWINGS RELEASED FOR PERMIT

Central States MFG			
PROJECT	30x52x12 IBC12/15 EXP C	ANCHOR BOLT PLAN & DETAILS	
ID		JOB NUMBER:	
PROJECT	30x52x12 25.2/30 145MPH	OPTION:	DRAFT: WTC
ADDRESS		REVISION:	SHEET 2 OF 11
			6/29/17

CONNECTION PLATES	
ID	MARK/PART
1	GIRT CLIP

SPICE BOLT TABLE							
Mark	Qty	Top	Bot	Int	Type	Dia	Length
CL1-1	8	8	0	A325	0.500	1.50	



DRAWINGS RELEASED FOR PERMIT
Central States MFG

PROJECT ID	30x52x12 IBC12/15 EXP C	RIGID FRAME ELEVATION
PROJECT ADDRESS	30x52x12 25.2/30 145MPH	JOB NUMBER: 6/29/17
		DRAFT: WTC
		REVISION: SHEET 4_ OF 11_

GENERAL NOTES:
 1. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED WITH A325 H. S. BOLTS AND INSTALLED BY THE 'SNUG-TIGHTENED JOINTS' METHOD.
 2. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
 3. INSTALL ALL FLANGE BRACES ON COLUMN AND RAFTER AS SHOWN.

BOLT TABLE
FRAME LINE: 1

LOCATION	QUAN	GRADE	DIA	LEN
ER-1ER-2	4	A325	1/2"	1 1/2"
ColumnsRef	2	A325	1/2"	1 1/2"

MEMBER TABLE
FRAME LINE 1

MARK	PART	LENGTH
EC-1	C82514	11'-9 9/16"
EC-2	C83514	13'-8 13/16"
ER-1	C82512	15'-3"
ER-2	C82512	15'-3"
DH-1	C82516	9'-11 1/2"
G-1	Z82516	8'-7 1/2"
G-2	Z82516	9'-11 1/2"

SEE DETAILS FOR CONNECTIONS.
COLD FORMED COMPONENTS
CONNECT WITH "GIRTCLOIP" (U.N.)

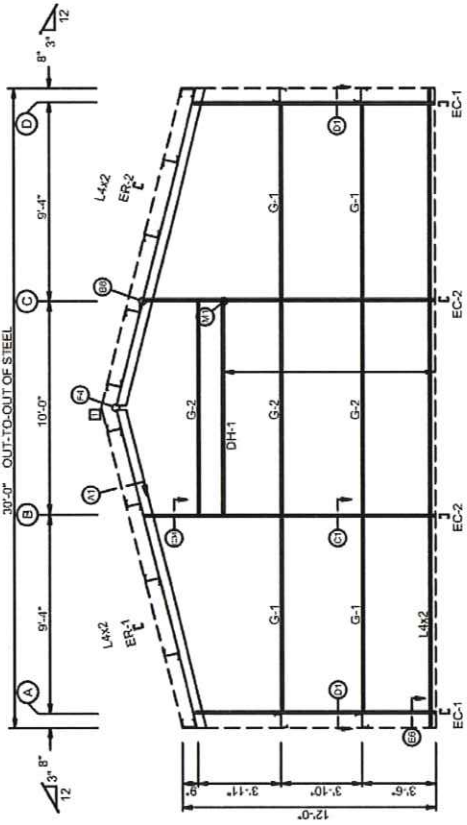
TRIM TABLE
FRAME LINE 1

QID	MARK	LENGTH	DETAIL
1	RG142	14'-2"	TRIM_501
2	RG162	16'-2"	TRIM_501
3	OJ122	12'-2"	TRIM_26
4	RA162	16'-2"	TRIM_16
5	REND	1'-0"	
6	PBOXF	1'-0"	
7	JH102	10'-2"	
8	JA102	10'-2"	TRIM_31
9	HE103	10'-3"	TRIM_33

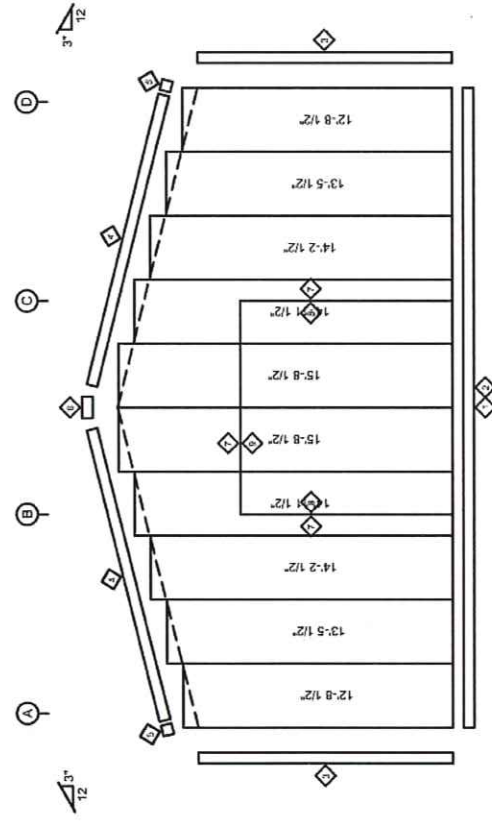
SEE DETAILS FOR OPENING TRIM

CONNECTION PLATES
FRAME LINE 1

ID	MARK/PART
1	EWP/peak



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. RL - Central Guard 40 YR Paint

DRAWINGS RELEASED FOR PERMIT

Central States MFG

PROJECT	30x52x12 IBC12/15 EXP C	ENDWALL FRAMING
ID		JOB NUMBER:
PROJECT	30x52x12 25.2/30 145MPH	OPTION:
ADDRESS		REVISION:
		6/29/17
		DRAFT: WTC
		SHEET 5_ OF 11_

GENERAL NOTES:

1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. CONTRACTOR TO CHECK ADDITIONAL WALL OPENINGS WITH THE CONTRACTOR DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
4. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

BOLT TABLE
FRAME LINE: 5

LOCATION	QUAN	GRADE	DIA	LEN
ER-1/ER-2	4	A325	1/2"	1 1/2"
Columns/Ref	2	A325	1/2"	1 1/2"

MEMBER TABLE
FRAME LINE 5

MARK	PART	LENGTH
EC-1	C82514	11'-5 9/16"
EC-2	C83514	13'-8 13/16"
ER-1	C82512	15'-3"
ER-2	C82512	15'-3"
DH-1	C82516	9'-11 1/2"
G-1	Z82516	8'-7 1/2"
G-2	Z82516	9'-11 1/2"

SEE DETAILS FOR CONNECTIONS.
COLD FORMED COMPONENTS
CONNECT WITH "GIRTLCLIP" (U.N.)

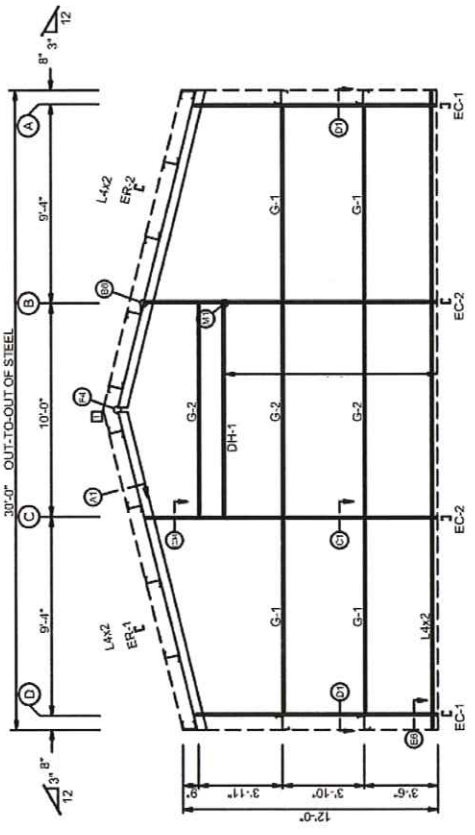
TRIM TABLE
FRAME LINE 5

ID	MARK	LENGTH	DETAIL
1	RG142	14'-2"	TRIM 501
2	RG162	16'-2"	TRIM 501
3	OU122	12'-2"	TRIM 26
4	RA162	18'-2"	TRIM 18
5	REND	1'-0"	
6	PBOXF	1'-0"	
7	JH102	10'-2"	
8	JA102	10'-2"	TRIM 31
9	HE103	10'-3"	TRIM 33

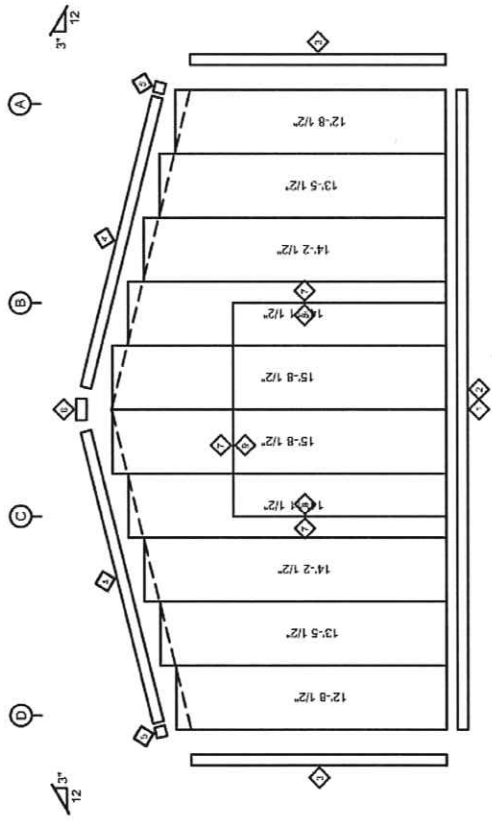
SEE DETAILS FOR OPENING TRIM

CONNECTION PLATES
FRAME LINE 5

ID	MARK/PART
1	EWPeak



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. RL - Central Guard 40 YR Paint

DRAWINGS RELEASED FOR PERMIT

Central States MFG

PROJECT ID	30x52x12 IBC12/15 EXP C	ENDWALL FRAMING
PROJECT ADDRESS	30x52x12 25.2/30 145MPH	JOB NUMBER: 6/29/17
		REVISION: SHEET 6 OF 11
		DRAFT: WTC

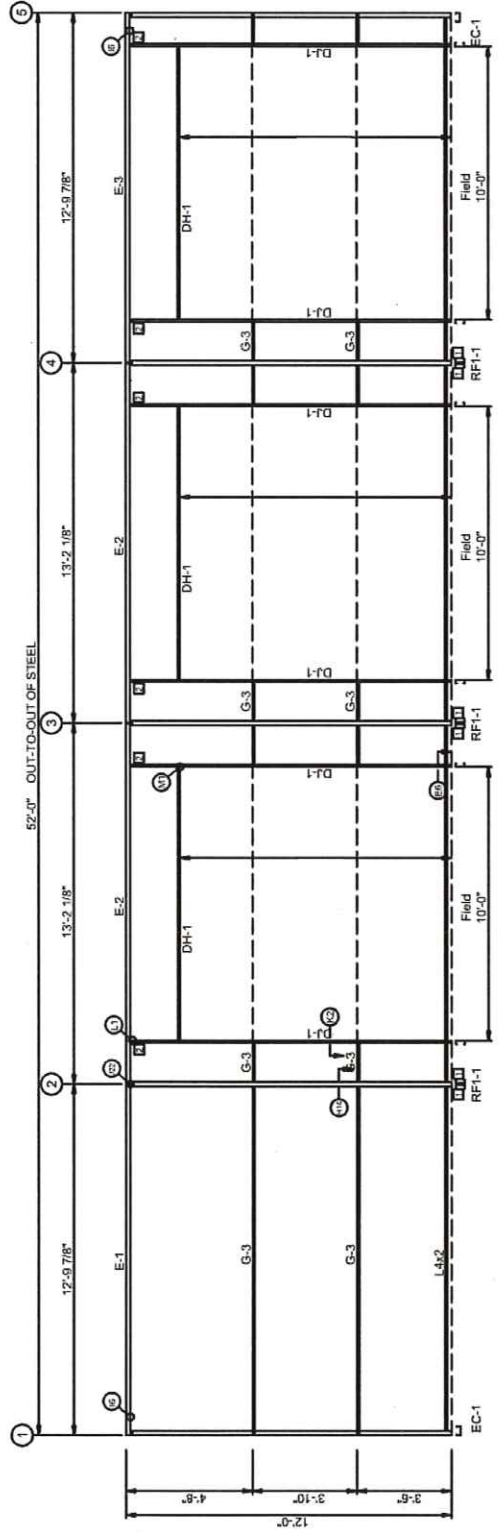
GENERAL NOTES:

1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE CONTRACT, DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
4. AFTER INS FALLATION, WIPE ALL PANELS CLEAN OF METAL SPRAWINGS CAUSED BY DRILLING.

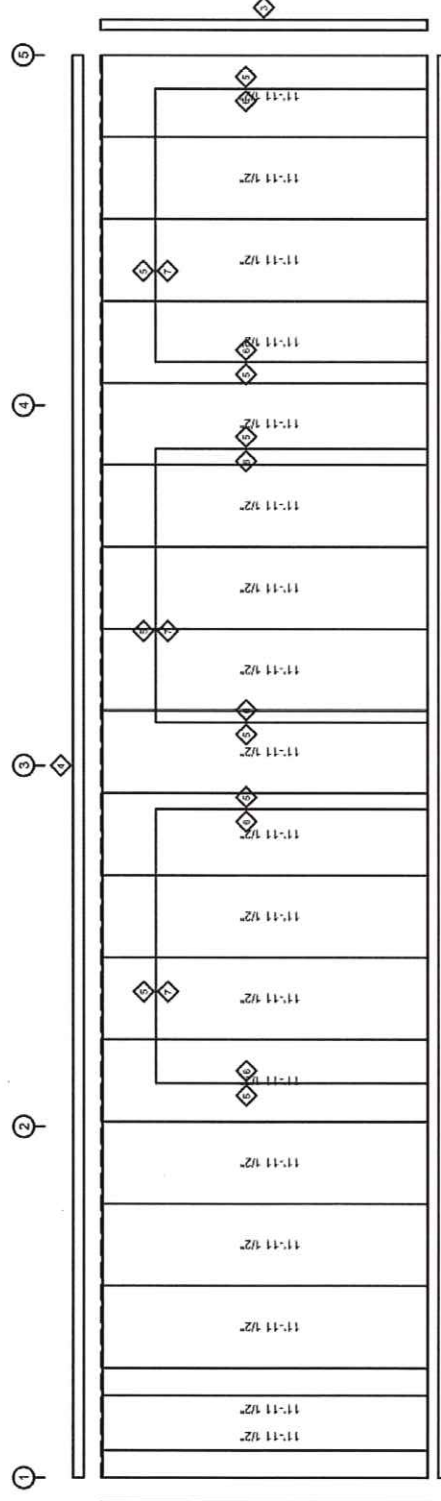
MEMBER TABLE		
FRAME LINE	D	
MARK	PART	LENGTH
DJ-1	CR3516	11'-3 1/4"
DH-1	CR2516	9'-11 1/2"
E-1	08436DU3	12'-9 3/8"
E-2	08436DU3	13'-1 5/8"
E-3	08436DU3	12'-9 3/8"
G-3	Z82516	12'-5 1/8"

TRIM TABLE		
FRAME LINE	D	
Ø/D	MARK	LENGTH
1	RG162	16'-2"
2	RG162	18'-2"
3	OU122	12'-2"
4	LEA182	18'-2"
5	JH102	10'-2"
6	JA102	10'-2"
7	HE103	10'-3"

CONNECTION PLATES	
FRAME LINE	D
Ø/D	MARK/PART
1	R
2	DJC01030



SIDEWALL FRAMING: FRAME LINE D



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. RL - Central Guard 40 YR Paint

DRAWINGS RELEASED FOR PERMIT

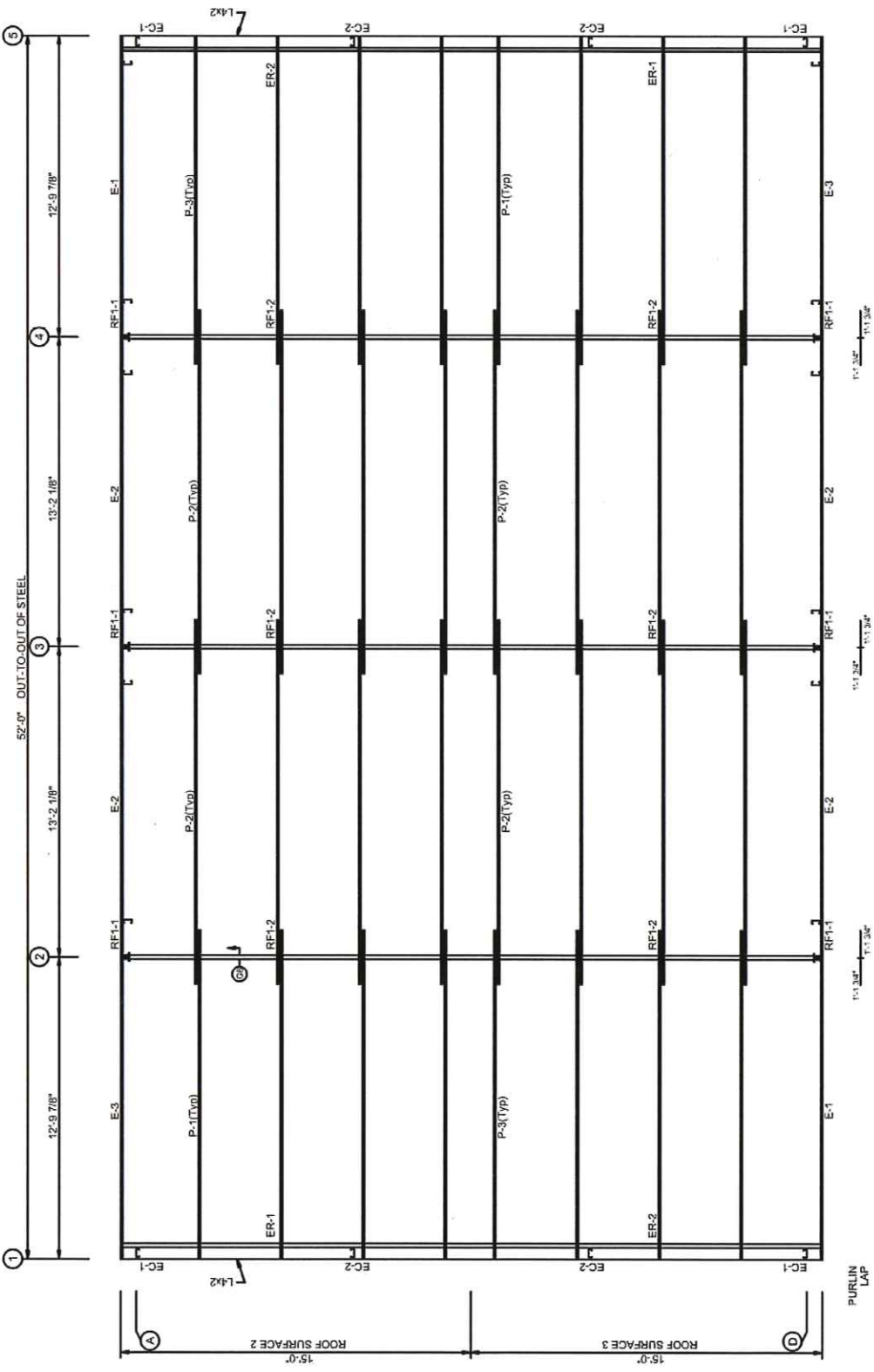
Central States MFG

PROJECT	30x52x12 IBC12/15 EXP C	SIDEWALL FRAMING
ID		JOB NUMBER:
PROJECT	30x52x12 25.2/30 1.45MPH	OPTION:
ADDRESS		REVISION:
		6/29/17

GENERAL NOTES:

1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE DRAWING, DO NOT ADD ADDITIONAL OPENINGS WITHOUT APPROVAL OF BUILDING DEPARTMENT OR PROFESSIONAL ENGINEER.
4. AFTER INSTALLATION, MAKE PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

MEMBER TABLE: ROOF		
MARK	PART	LENGTH
P-1	Z62516	13'-11.3/8"
P-2	Z62516	15'-5.5/8"
P-3	Z62516	13'-11.3/8"
E-1	06438DU3	12'-9.3/8"
E-2	06438DU3	13'-1.5/8"
E-3	06438DU3	12'-9.3/8"



ROOF FRAMING PLAN

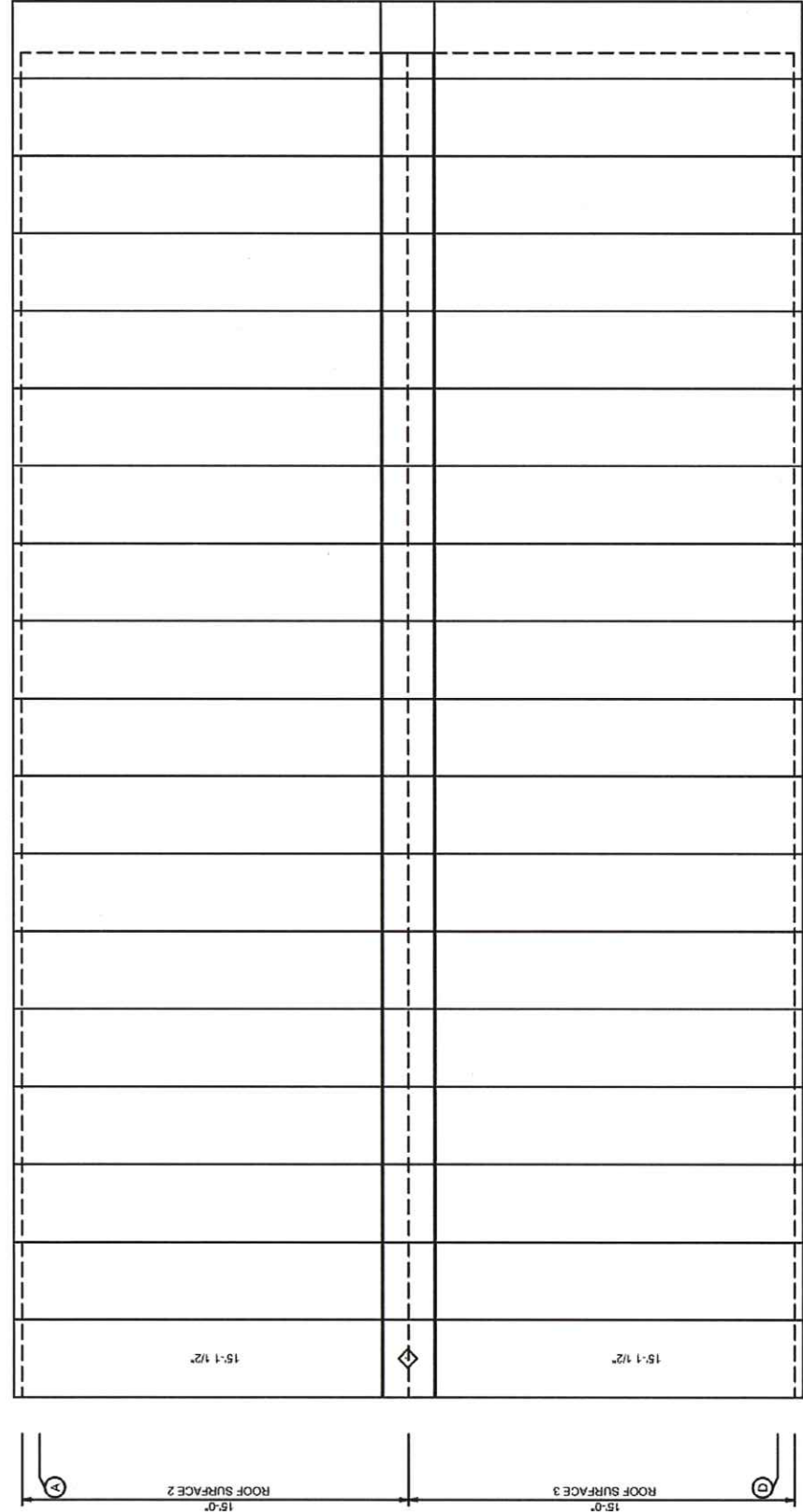
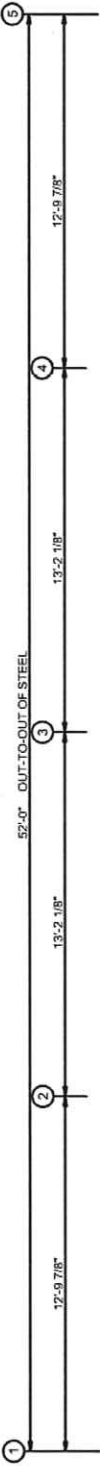
- GENERAL NOTES:**
1. INSTALL ALL PURLIN AND FLANGE BRACES (FB) AS SHOWN.
 2. ROOF PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
 3. STRUT PURLINS OR BRACES MUST BE FASTENED AND FASTENED TO ROOF SHEETING PER "PRO" PANEL JOINT DETAIL.
 4. DO NOT ADD ANY ADDITIONAL ROOF OPENINGS WITHOUT BUILDING MANUFACTURER APPROVAL OR PROFESSIONAL ENGINEER APPROVAL.
 5. DO NOT STACK SHEET BUNDLES ON ROOF. ONLY RAISE INDIVIDUAL SHEETS AS NEEDED.
 6. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

DRAWINGS RELEASED FOR PERMIT

Central States MFG		ROOF FRAMING	
PROJECT ID	30x52x12 IBC12/15 EXP C	JOB NUMBER:	
PROJECT ADDRESS	30x52x12 25.2/30 145MPH	OPTION:	
		REVISION:	
			6/29/17

DRAFT: WTC
SHEET _9_ OF 11_

TRIM TABLE: ROOF			
QID	MARK	LENGTH	DETAIL
1	FRC36	3'-0"	TRIM 23



ROOF SHEETING PLAN
 PANELS: 28 Ga. RL - Galvalume Plus

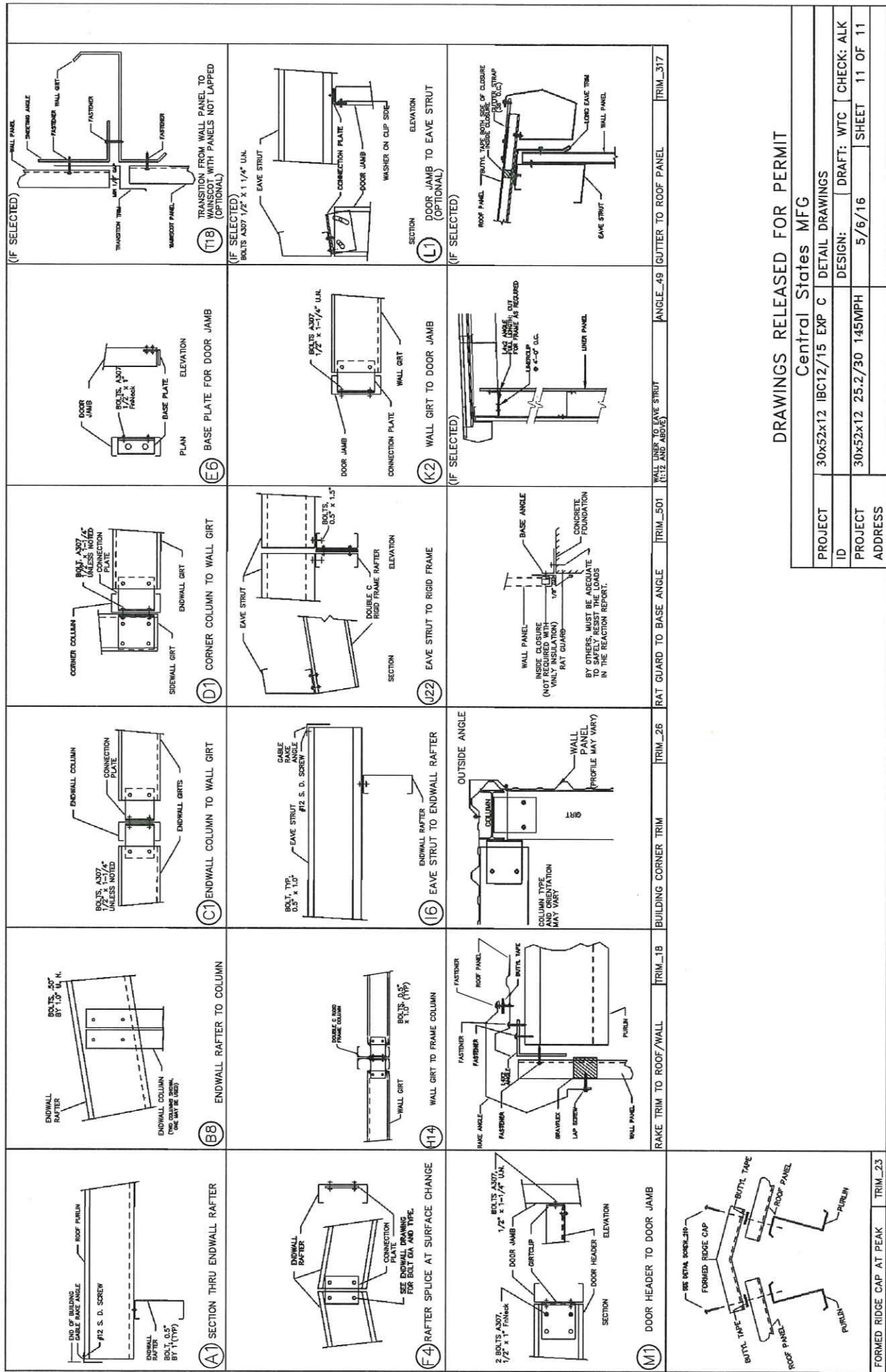
GENERAL NOTES:

1. INSTALL ALL PURLIN AND FLANGE BRACES (FB) AS SHOWN.
2. ROOF PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. STRUT PURLINS, IF PROVIDED, MUST BE INSTALLED AND FASTENED TO ROOF SHEETING PER "PBR" PANEL ROOF DETAIL.
4. DO NOT ADD ANY ADDITIONAL ROOF OPENINGS WITHOUT BUILDING MANUFACTURER'S APPROVAL OR PROFESSIONAL ENGINEER APPROVAL.
5. ROOF PANELS ARE TO BE INSTALLED AS SHOWN. ONLY RAISE INDIVIDUAL SHEETS AS SPECIFIED.
6. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

DRAWINGS RELEASED FOR PERMIT
 Central States MFG

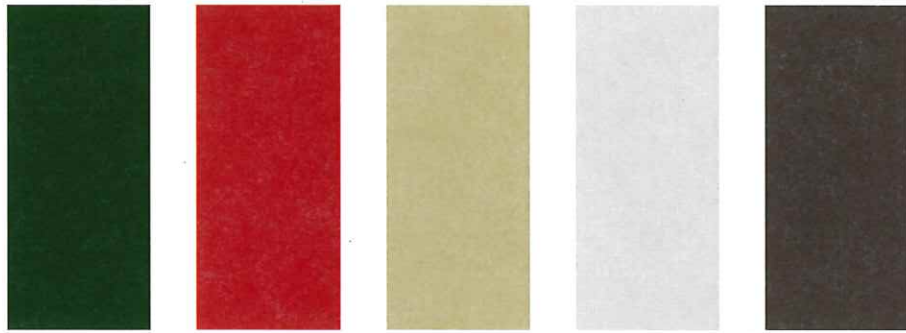
PROJECT	30x52x12 IBC12/15 EXP C	ROOF SHEETING
ID		JOB NUMBER:
PROJECT	30x52x12 25.2/30 145MPH	OPTION:
ADDRESS		REVISION:
		6/29/17

DRAFT: WTC
 SHEET 10_ OF 11_



DRAWINGS RELEASED FOR PERMIT
Central States MFG

PROJECT	30x52x12 IBC12/15 EXP C	DETAIL DRAWINGS
ID	DESIGN:	DRAFT: WTC
PROJECT ADDRESS	30x52x12 25.2/30 145MPH	CHECK: ALK
	5/6/16	SHEET 11 OF 11



Hunter
THRIFTY | PRIME

Crimson
PRIME

Light Stone
THRIFTY | PRIME

Polar
THRIFTY | PRIME

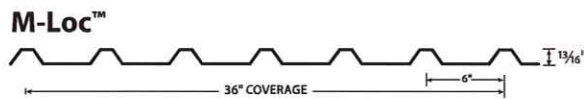
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