UNION LASTEEL
METAL BUILDINGS
PO BOX 537 Lake Bulter, FL 32054
(386) 496-0681 (386) 496-4705 (fax)

BUILDING LOADS / DESCRIPTION:

WIDTH: 71.25 LENGTH: 93.33 HEIGHT: 18 /18
(BUILDING DIMENSIONS ARE NOMINAL. REFER TO PLANS).

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY : FBC 23 .

SITE CLASS: d

OCCUPANCY CATEGORY: II – Normal

SEISMIC DESIGN CATEGORY: B

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

ROOF DEAD LOAD:	2.00	PSF (ROOF PANELS & PURLINS)			
COLLATERAL LOAD:	1.00	PSF	SNOW EXPOSURE:	1.0000	
ROOF LIVE LOAD:	20.00	PSF	WIND EXPOSURE:	B	
ROOF SNOW LOAD:	0.00	PSF	INTERNAL PRESSURE COEFF.:		
GROUND SNOW LOAD:	0	PSF	0.18 / −0.18		
BASIC WIND SPEED:	120	MPH	SPECTRAL RESPONSE COEFF.		MAPPED SPECTRAL RESPONSE ACC.
SEISMIC ZONE:	B		Sds	0.09	Ss 0.09
THERMAL FACTOR:	1.00		Sd1	0.08	St 0.05

IMPORTANCE FACTORS:

WIND LOAD	1.00	EXPANDED FORMULA	0.667*Ie*Fa*Ss*W/R
SNOW LOAD	1.0000	LONGITUDINAL	2.37
SEISMIC LOAD	1.00	TRANSVERSE	1.60

GENERAL NOTES:

1) MATERIALS :

	MINIMUM YIELD:
HOT ROLLED BAR	Fy = 50.0000 ksi MIN.
STRUCTURAL STEEL SHEET	Fy = 55.0000 ksi MIN.
STRUCTURAL STEEL PLATE	Fy = 50.0000 ksi MIN.
COLD FORMED SHAPES	Fy = 57.0000 ksi MIN.
WALL SHEETING	Fy = 60.0000 ksi MIN.
ROOF SHEETING	Fy = 60.0000 ksi MIN.
BOLTS	A307 & A325

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

2) BOLT TIGHTENING REQUIREMENTS:
ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE. 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 STRUCTUAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

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ROOF PANELS:

COLOR: Galvalume Plus

WALL PANELS:

COLOR: Ash Gray (SMP)

TRIM COLORS:

CABLE: Polar White (POL)

CORNER: Polar White (POL)

EAVE: Polar White (POL)

FRAMED OPENINGS: Polar White (POL)

LINER PANELS:

COLOR: N/A

LINER TRIM:

COLOR: N/A

DEFLECTION LIMTS:

EW COL:	180
EW RAF LIVE:	180
EW RAF WIND:	180
WALL GIRT:	90
PURL LIVE:	180
PURL WIND:	150
WALL PANEL:	60
ROOF PANEL LIVE:	60
ROOF PANEL WIND:	60
RF HORIZONTAL:	60
RF VERTICAL:	180
WIND BENT:	60
RF CRANE:	60
RF SEIS:	50
WIND BENT SEIS:	50

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.

THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS 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 RESPONSIBILE 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 ASSEMBLIED 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. 7.9.1 AISC CODE OF STANDARD PRACTICE, 9TH ED.)

WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.

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 MANUFAACTURER 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 THHE DRAWINGS NOT IN COMFORMANCE 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 RECONGNIZES 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 CONTRACTURAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILIAR INDICATIOIN 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 ALTERNATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS 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.

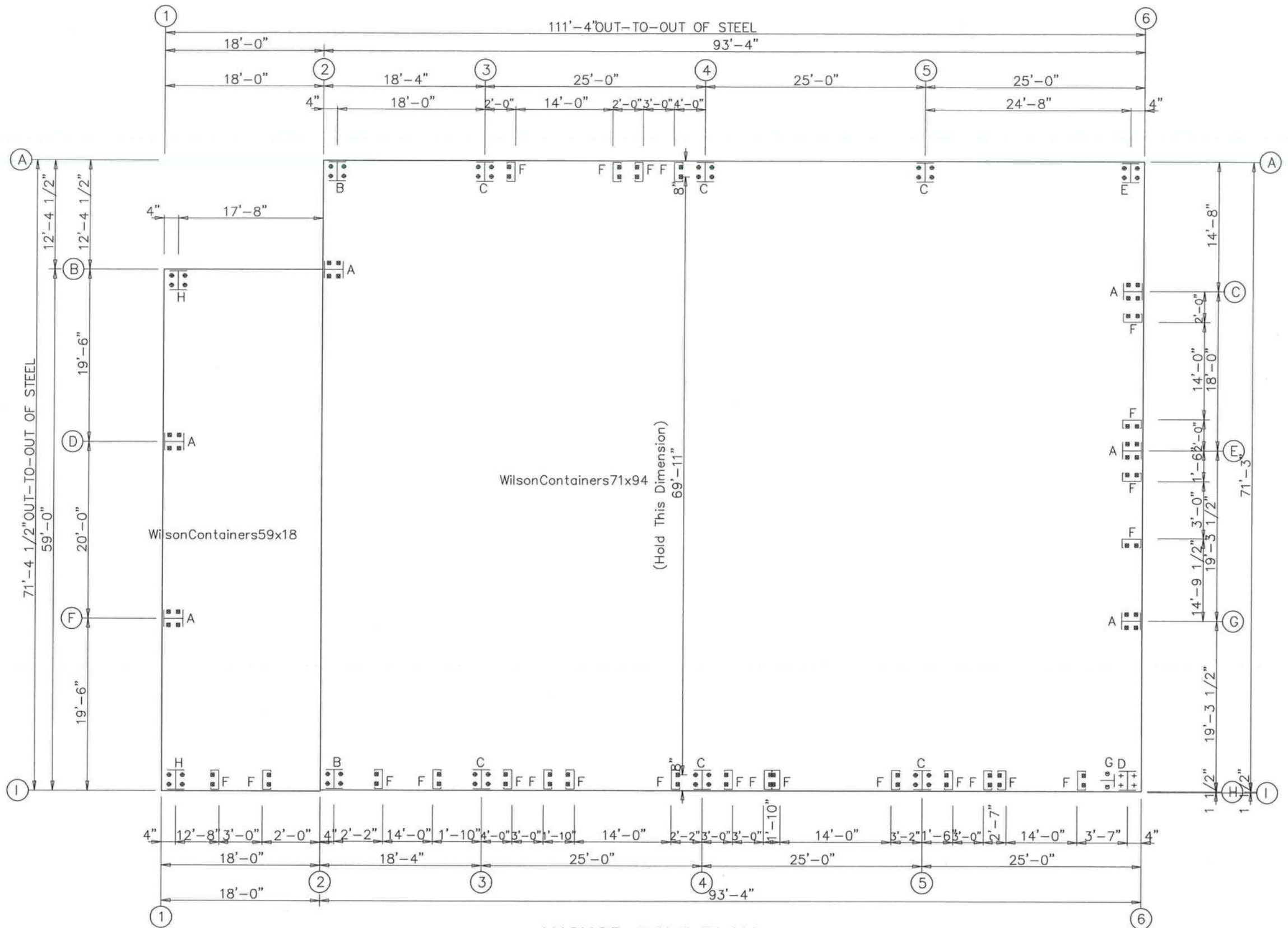
1291 SE Baya Drive
Lake City, Fl. 32025

REV.	DATE	REVISION
△	07/02/24	FOR PERMIT

PURCHASER: Wilson Containers
PROJECT: Warehouse
JOB NUMBER: WilsonContainers71x94

66212

⊠ Dia= 5/8"
⊕ Dia= 3/4"
+ Dia=1"
⊗ Dia=1 1/4"



ANCHOR BOLT PLAN

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

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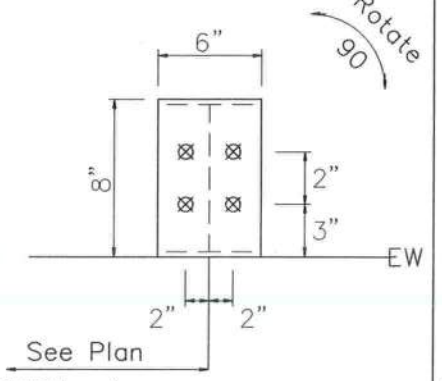
7-2-24

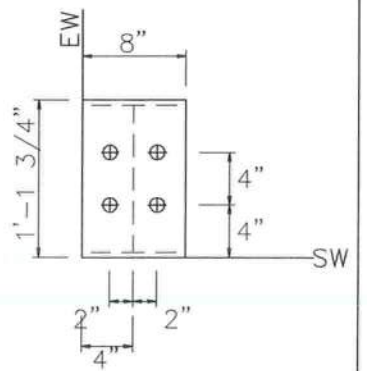
Union LaSteel				
PROJECT	Shop	ANCHOR BOLT PLAN		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 2 OF 21	

Dia= 5/8"



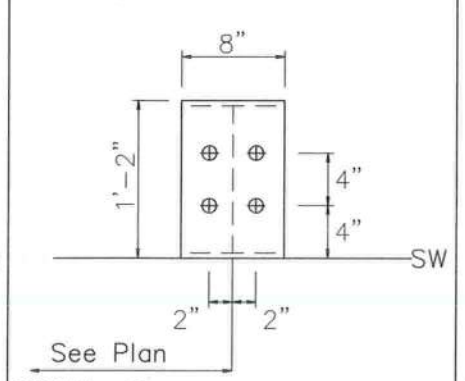
DETAIL A

Dia= 3/4"



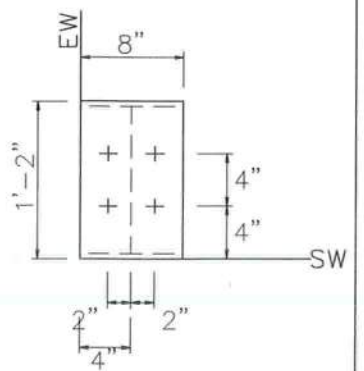
DETAIL B

Dia= 3/4"



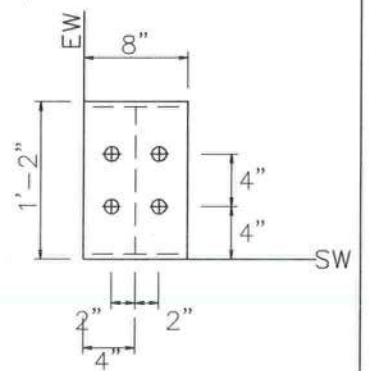
DETAIL C

Dia= 1"



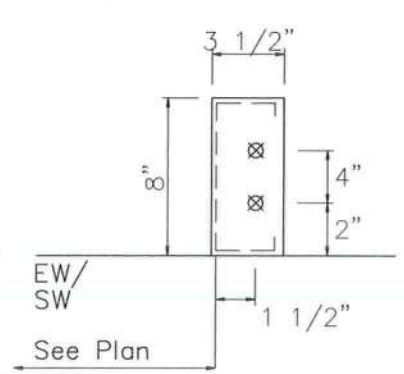
DETAIL D

Dia= 3/4"



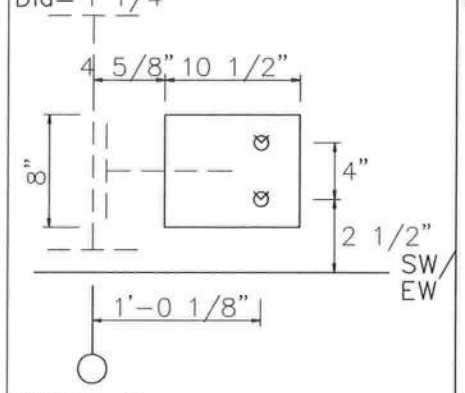
DETAIL E

Dia= 5/8"



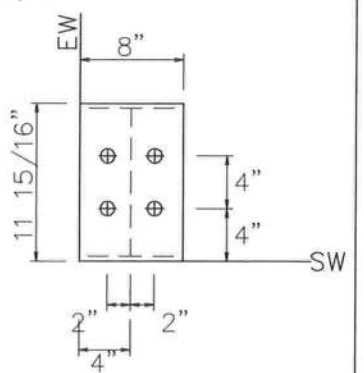
DETAIL F

Dia= 1 1/4"



DETAIL G

Dia= 3/4"



DETAIL H

GENERAL NOTES

1. FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF ABC METAL BUILDINGS.
2. THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION.
3. ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
4. COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED A BEARING PRESSURE OF 1125 POUNDS PER SQUARE INCH.

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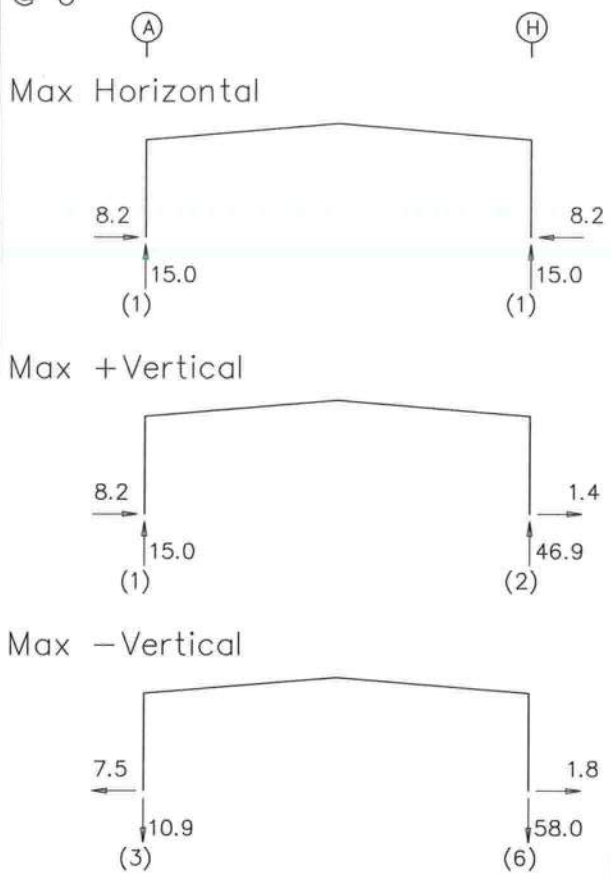
7-2-24

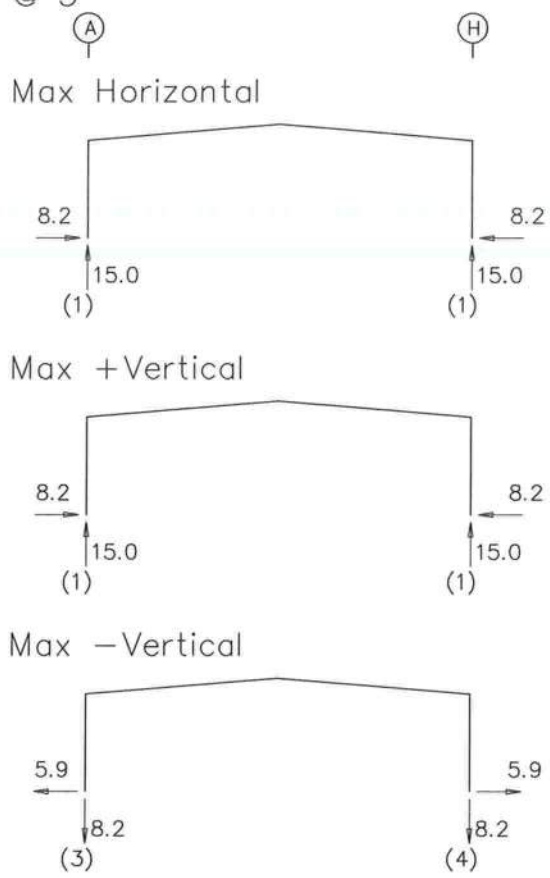
Union LaSteel				
PROJECT	Shop	ANCHOR BOLT DETAILS		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 3 OF 21	

RIGID FRAME REACTIONS (k) @ 6



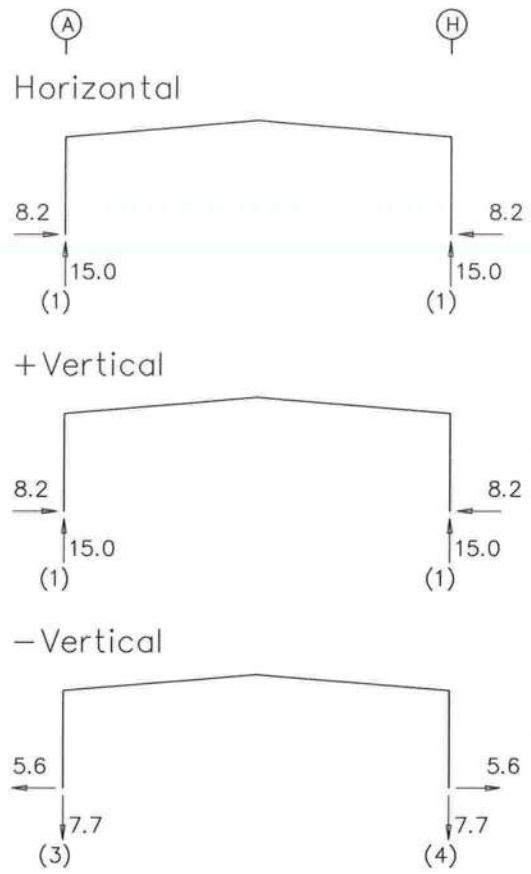
(1)Dead+Collateral+Live
(2)Dead+0.6Wind_Long1R
(3)0.6Dead+0.6Wind_Left1
(6)0.6Dead+0.6Wind_Long2L

RIGID FRAME REACTIONS (k) @ 5



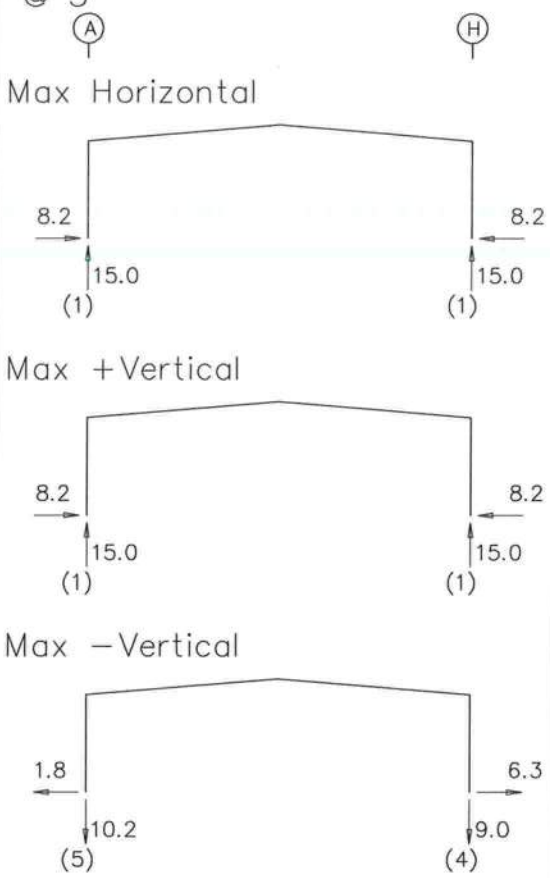
(1)Dead+Collateral+Live
(3)0.6Dead+0.6Wind_Left1
(4)0.6Dead+0.6Wind_Right1

RIGID FRAME REACTIONS (k) @ 4



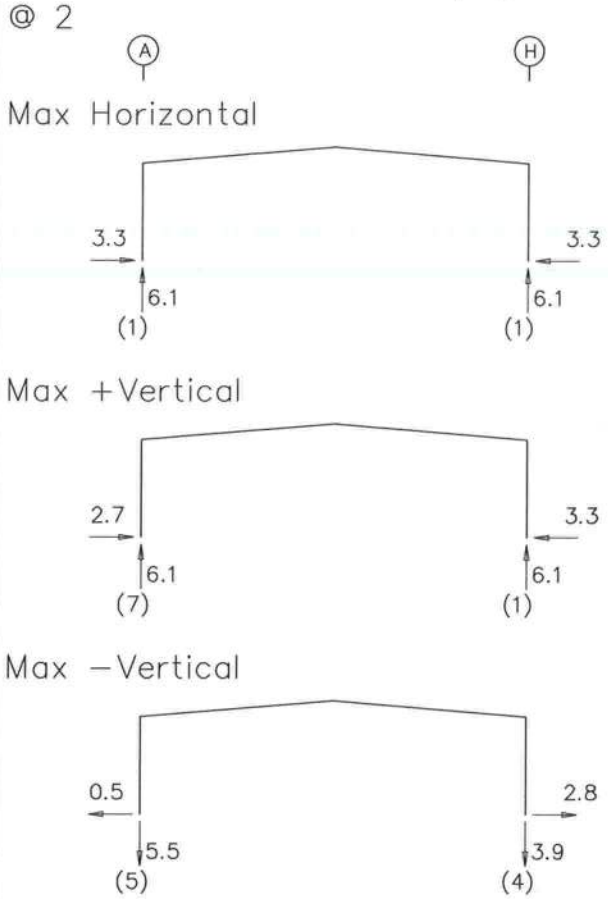
(1)Dead+Collateral+Live
(3)0.6Dead+0.6Wind_Left1
(4)0.6Dead+0.6Wind_Right1

RIGID FRAME REACTIONS (k) @ 3



(1)Dead+Collateral+Live
(4)0.6Dead+0.6Wind_Right1
(5)0.6Dead+0.6Wind_Long1L

RIGID FRAME REACTIONS (k) @ 2



(1)Dead+Collateral+Live
(4)0.6Dead+0.6Wind_Right1
(5)0.6Dead+0.6Wind_Long1L
(7)1.01Dead+1.01Collateral+0.75Live+0.53Seismic_LongR

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	2								(h)
F_SW	H	6							(g)
R_EW	6								(h)
B_SW	A	3,2	5.7	5.2	2.1	1.9			

(g)Wind column at column line
(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	71.3
Length (ft)	=	93.3
Eave Height (ft)	=	18.0/ 18.0
Roof Slope (rise/12)	=	1.0/ 1.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	1.0
Roof Live Load(psf)	=	20.0
Frame Live Load(psf)	=	12.0
Wind Speed (mph)	=	120.0
Wind Code	=	FBC 23 (IBC 18)
Exposure	=	B
Closure	=	Enclosed
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.14

ENDWALL COLUMN REACTIONS(k)

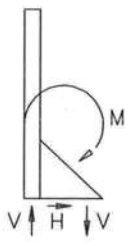
Frame Line	Col Line							Load Id
6	E	Max Horz	=	1.9	Vert =	0.1		(8)
6	E	Max +Vert	=	0.2	Horz =	1.9		(10)
6	C	Max −Vert	=	0.0	Horz =	0.0		(a)

(a)Load combinations do not produce a max for this direction
(8)0.6Dead+0.6Wind_Right2+0.6Wind_Suction
(10)Dead+0.6Wind_Right2+0.6Wind_Suction

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
⊠ 44	Jamb	5/8"	A307	3.00
⊠ 16	Endwall	5/8"	A307	3.00
⊕ 36	Frame	3/4"	A307	3.00
+ 4	Frame	1"	A307	3.00
⊗ 2	WindCol	1 1/4"	A307	3.00

WIND COLUMN REACTIONS



Loc	Wall Line	Col Line	R/L	Load_ID	± Reactions Horz (k)	Vert (k)	Moment (f−k)	Anc_Bolt Qty	Dia	Base_Plate(in) Width	Length	Thick
F_SW	H	6	L	Wind	5.7	84.8	99.0	2	1.250	8.000	10.500	1.000
				Seismic	2.1	31.0	36.1					

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Union LaSteel			
PROJECT	Shop	ANCHOR BOLT REACTIONS	
ID	WilsonContainersWarehouse	DESIGN: DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 4 OF 21

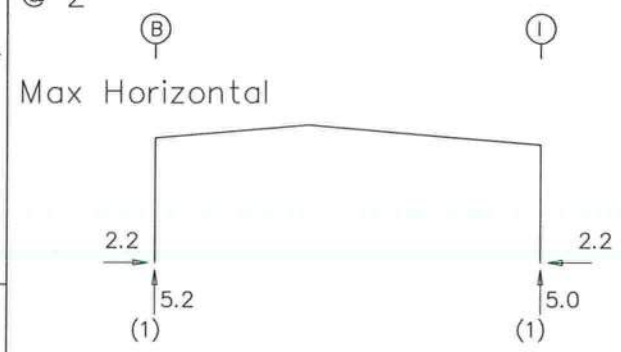
BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel_Shear (lb/ft) Wind	Seis	Note
L_EW	1								(h)
F_SW	I	Bracing Not Used					0	0	
R_EW	2								(h)
B_SW	B	Bracing Not Used					0	0	

(h)Rigid frame at endwall

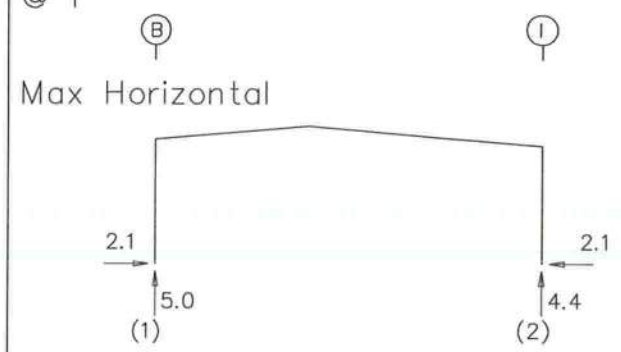
Reactions for seismic represent shear force, Eh

RIGID FRAME REACTIONS (k)
@ 2



(1)Dead+Collateral+Live
(83)0.6Dead+0.6Wind_Long1L

RIGID FRAME REACTIONS (k)
@ 1



(1)Dead+Collateral+Live
(2)Dead+Collateral+0.75Live+0.45Wind_Left4
(83)0.6Dead+0.6Wind_Long1L

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	= 59.0
Length (ft)	= 18.0
Eave Height (ft)	= 19.0/ 18.0
Roof Slope (rise/12)	= 1.0/ 1.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 1.0
Roof Live Load(psf)	= 20.0
Frame Live Load(psf)	= 13.4
Wind Speed (mph)	= 120.0
Wind Code	= FBC 23 (IBC 18)
Exposure	= B
Closure	= Enclosed
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= B
Seismic Coeff (Fa*Ss)	= 0.14

ENDWALL COLUMN REACTIONS(k)

Frame Line	Col Line						Load Id
1	D	Max Horz =	2.0	Vert =	0.1		(6)
1	D	Max +Vert =	0.2	Horz =	2.0		(8)
1	D	Max −Vert =	0.0	Horz =	0.0		(a)

(a)Load combinations do not produce a max for this direction
(6)0.6Dead+0.6Wind_Right2+0.6Wind_Suction
(8)Dead+0.6Wind_Right2+0.6Wind_Suction

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
⊠ 4	Jamb	5/8"	A307	3.00
⊠ 8	Endwall	5/8"	A307	3.00
⊕ 16	Frame	3/4"	A307	3.00

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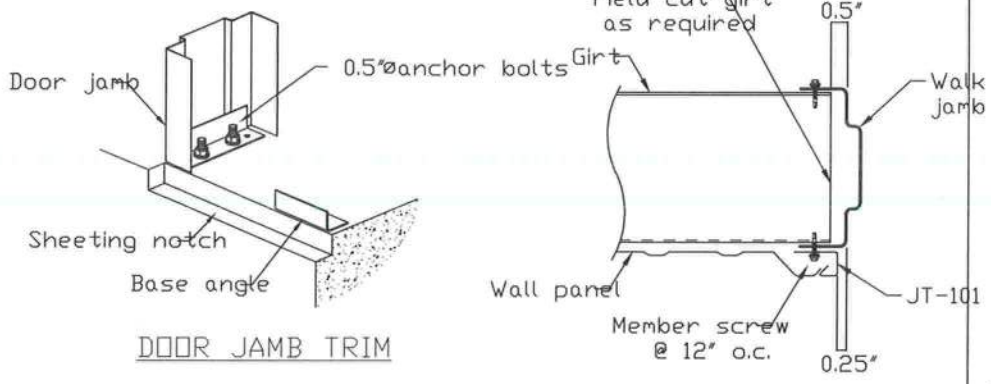
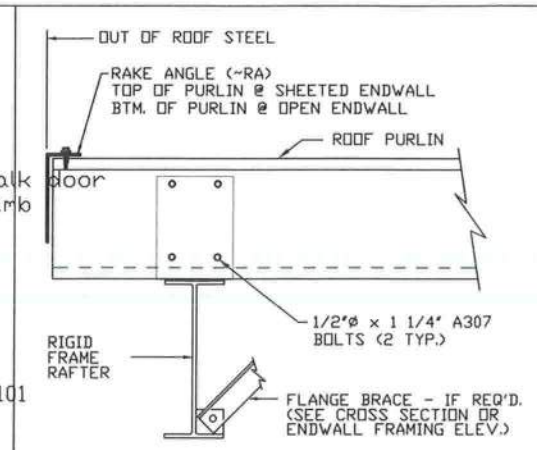
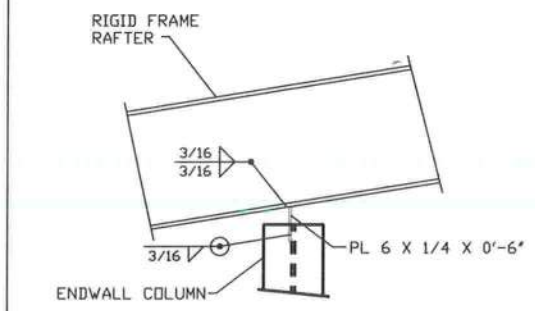
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 5 OF 21	



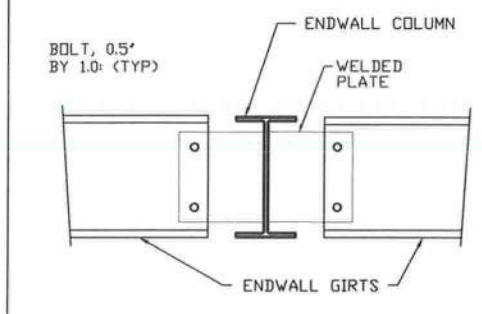
DOOR JAMB TRIM



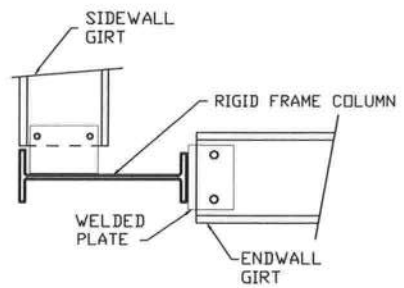
A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME



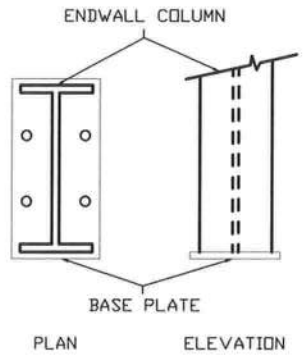
B19 RIGID FRAME RAFTER TO ENDWALL COLUMN



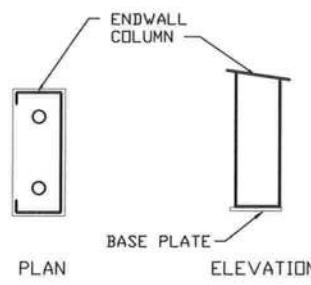
C6 ENDWALL COLUMN TO WALL GIRT



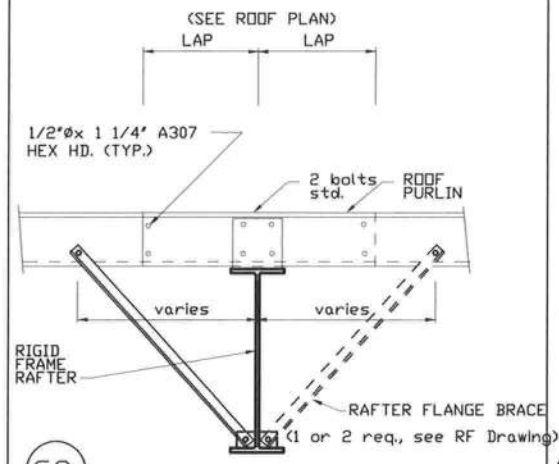
D13 CORNER COLUMN TO WALL GIRT



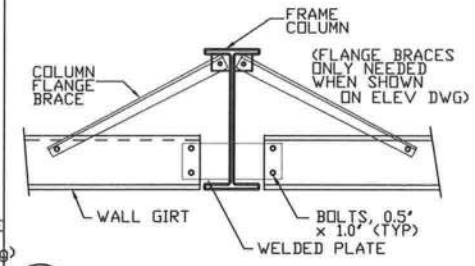
E3 BASE PLATE FOR ENDWALL COLUMN



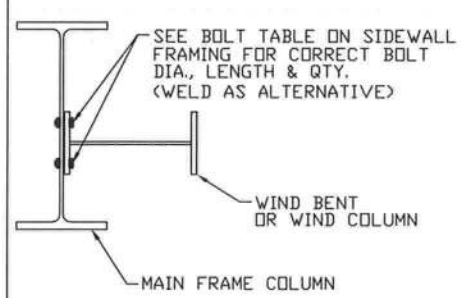
E5 BASE PLATE TO ENDWALL COLUMN OR DOOR JAMB



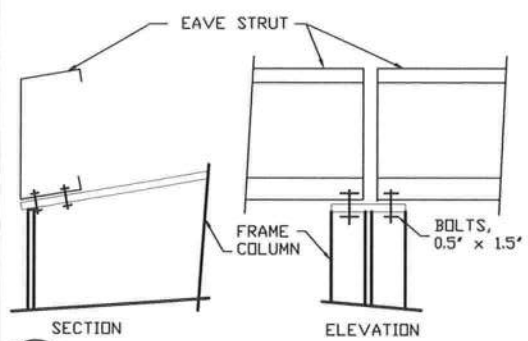
G2 TYPICAL SECTION THROUGH PURLIN LAP



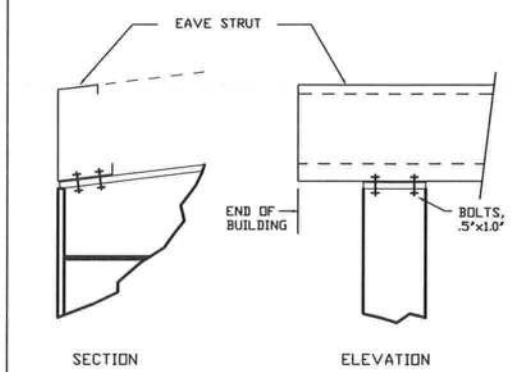
H6 WALL GIRT TO FRAME COLUMN



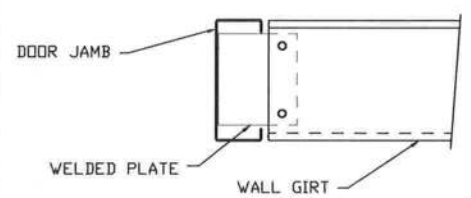
H9 PORTAL COLUMN TO MAIN FRAME COLUMN CONNECTION



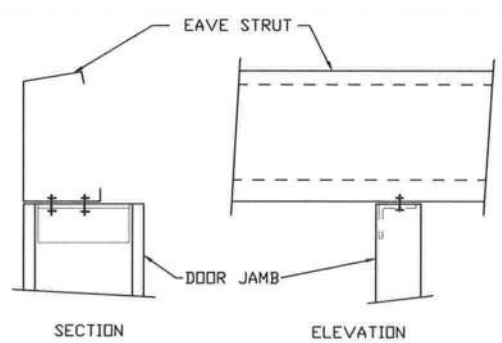
J1 EAVE STRUT TO RIGID FRAME



J23 EAVE STRUT TO RIGID FRAME



K3 WALL GIRT TO DOOR JAMB



L3 DOOR JAMB TO EAVE STRUT

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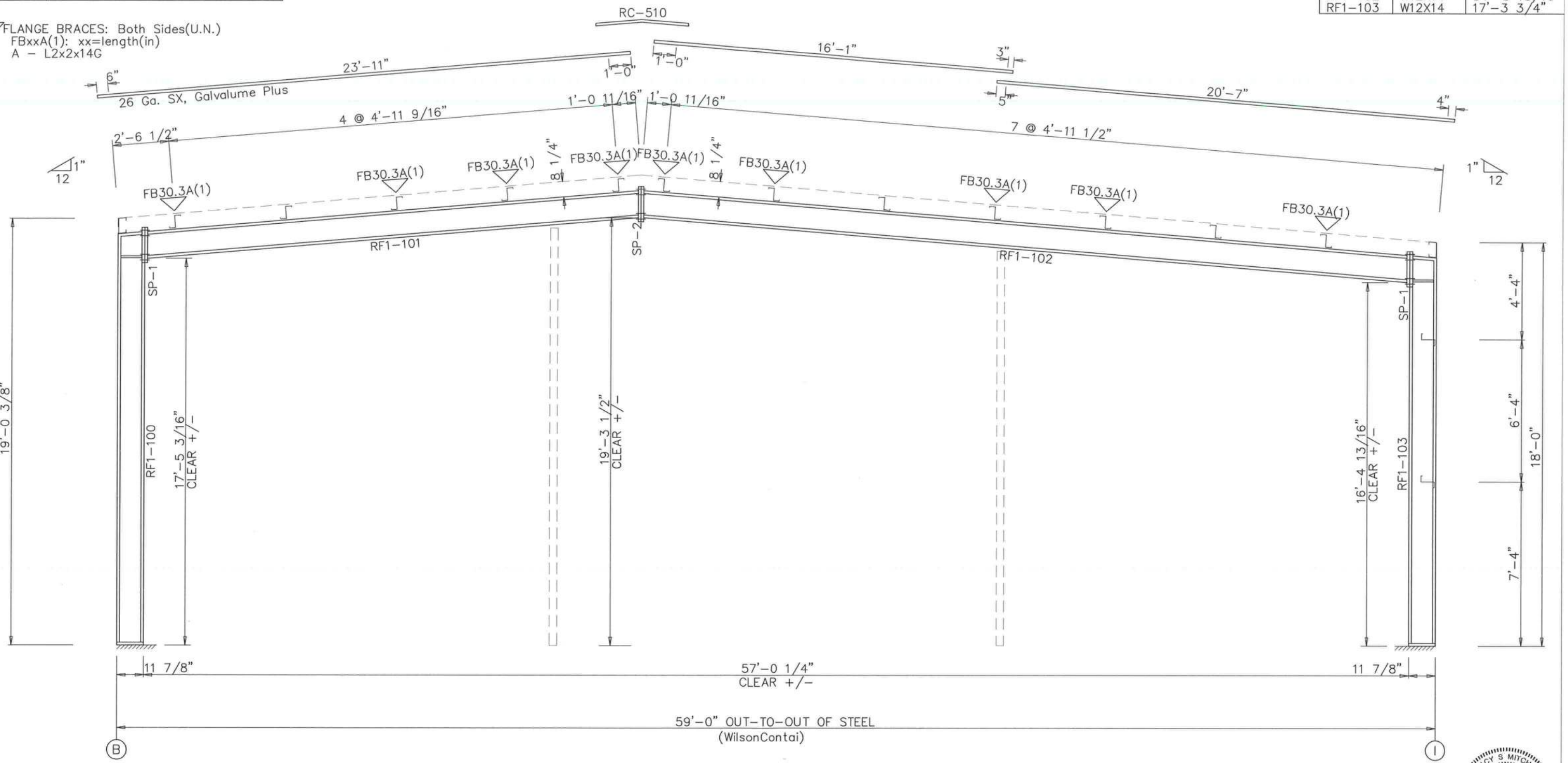
Union LaSteel				
PROJECT	Shop	STRUCTURAL DETAILS		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 6 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	0.750	2.00
SP-2	4	4	0	A325	0.750	1.75

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-100	W12X14	18'-4 1/8"
RF1-101	W12X14	22'-5 1/4"
RF1-102	W12X14	34'-8 13/16"
RF1-103	W12X14	17'-3 3/4"

▽FLANGE BRACES: Both Sides(U.N.)
FBxxA(1): xx=length(in)
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 1

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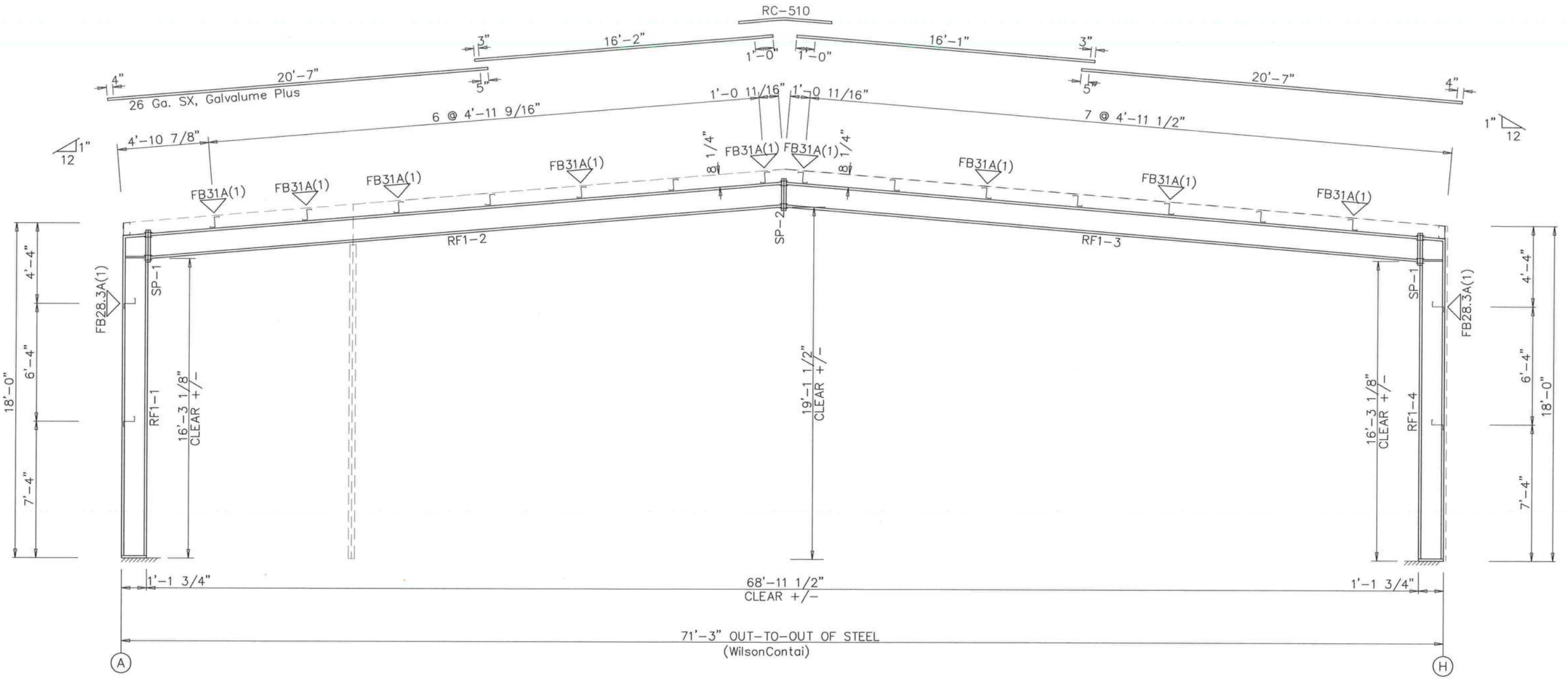
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 7 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	0.750	2.00
SP-2	4	4	0	A325	0.750	1.75

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W14X22	17'-3 3/4"
RF1-2	W14X22	34'-7"
RF1-3	W14X22	34'-7"
RF1-4	W14X22	17'-3 3/4"

▽FLANGE BRACES: Both Sides(U.N.)
FBxxA(1): xx=length(in)
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 2

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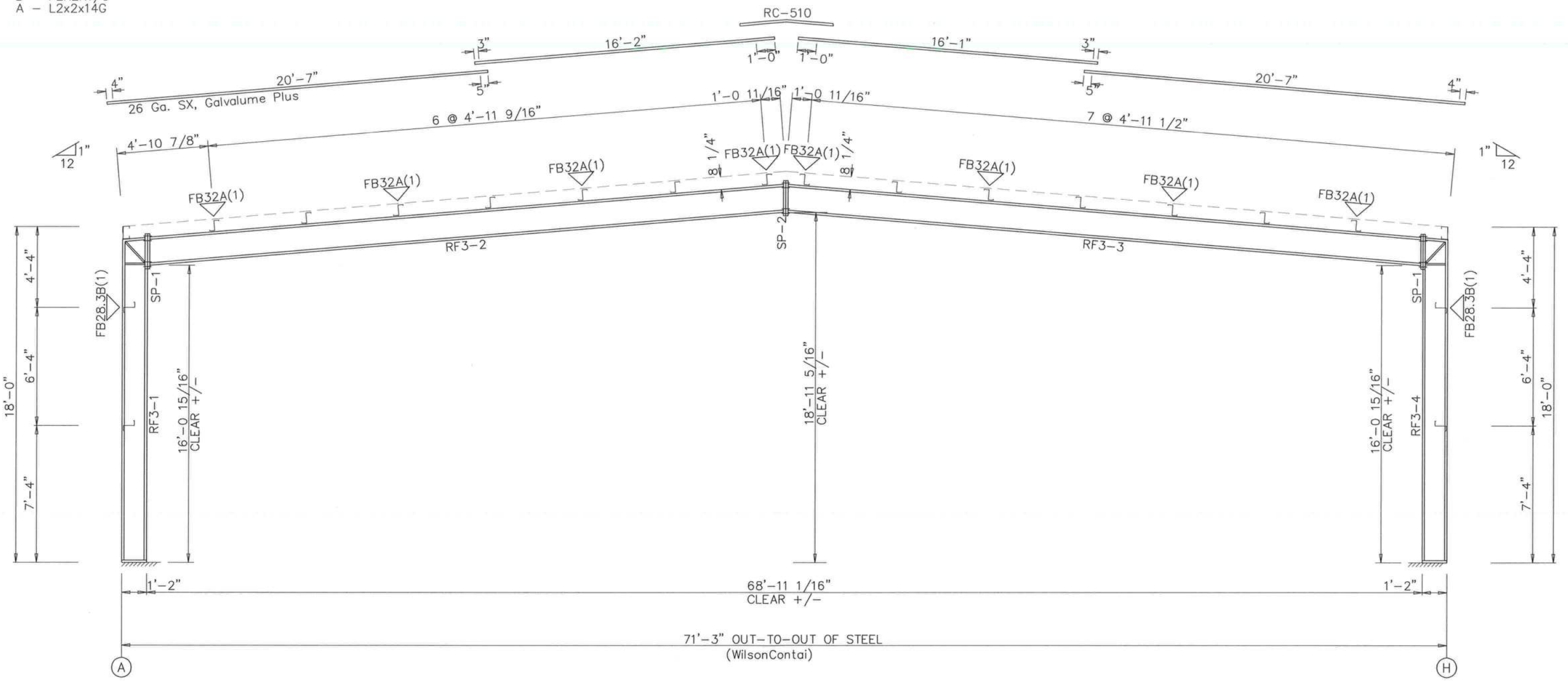
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 8 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	1.000	2.50
SP-2	4	4	0	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF3-1	W14X34	17'-3 3/4"
RF3-2	W16X31	34'-6 13/16"
RF3-3	W16X31	34'-6 13/16"
RF3-4	W14X34	17'-3 3/4"

FLANGE BRACES: Both Sides(U.N.)
FBxxB(1): xx=length(in)
B - F2X2X1/8
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 3

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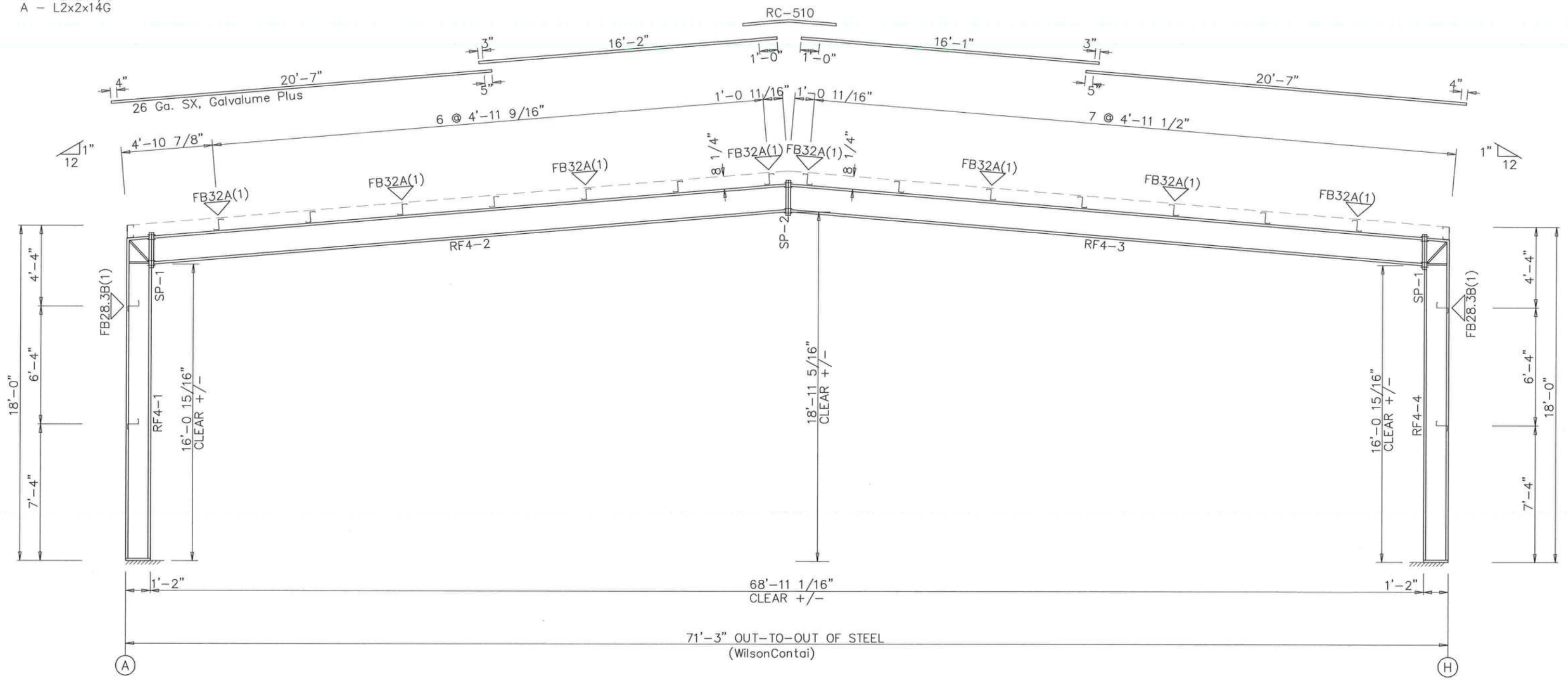
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 9 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	1.000	2.50
SP-2	4	4	0	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF4-1	W14X34	17'-3 3/4"
RF4-2	W16X31	34'-6 13/16"
RF4-3	W16X31	34'-6 13/16"
RF4-4	W14X34	17'-3 3/4"

▽FLANGE BRACES: Both Sides(U.N.)
FBxxB(1): xx=length(in)
B - F2X2X1/8
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 4

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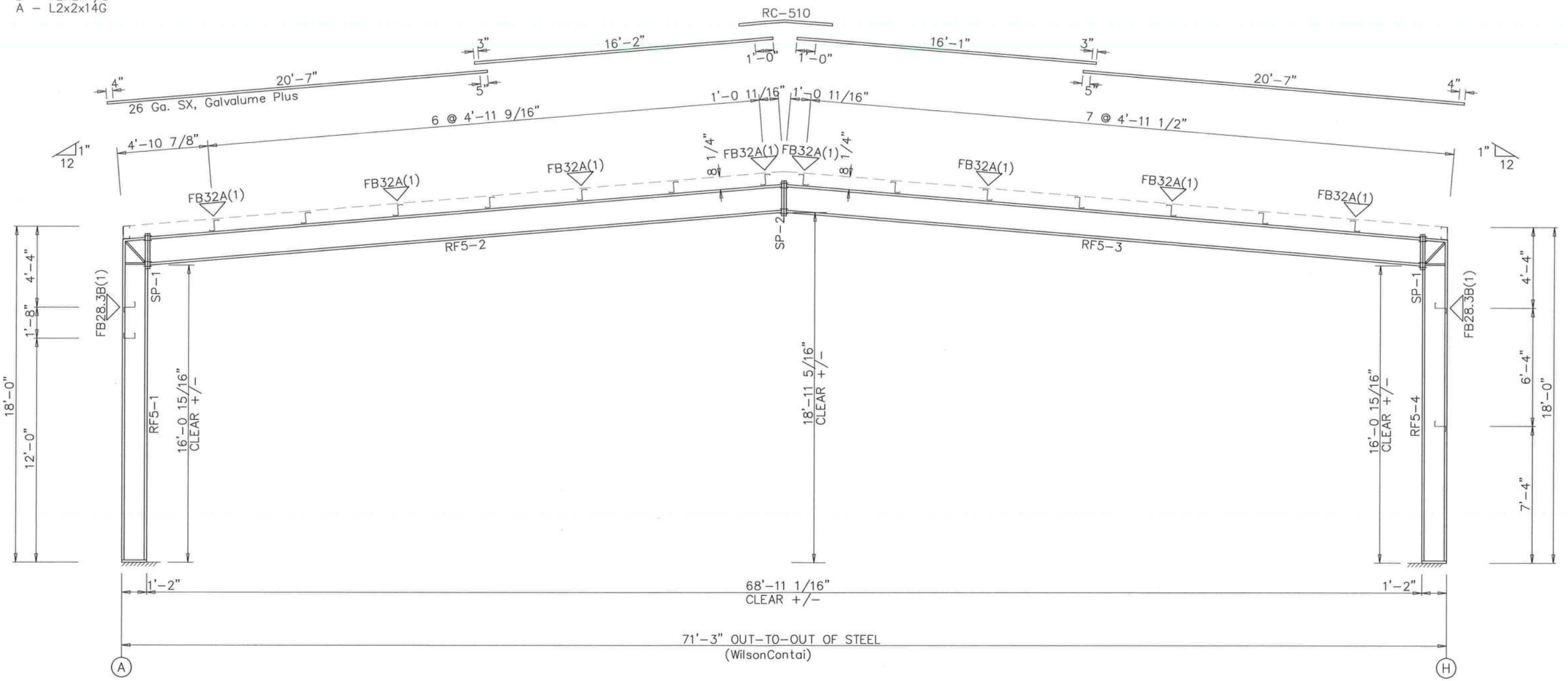
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 10 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	1.000	2.50
SP-2	4	4	0	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF5-1	W14X34	17'-3 3/4"
RF5-2	W16X31	34'-6 13/16"
RF5-3	W16X31	34'-6 13/16"
RF5-4	W14X34	17'-3 3/4"

▽FLANGE BRACES: Both Sides(U.N.)
FBxxB(1): xx=length(in)
B - F2X2X1/8
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 5

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Tracy Mitchell 7-3-24

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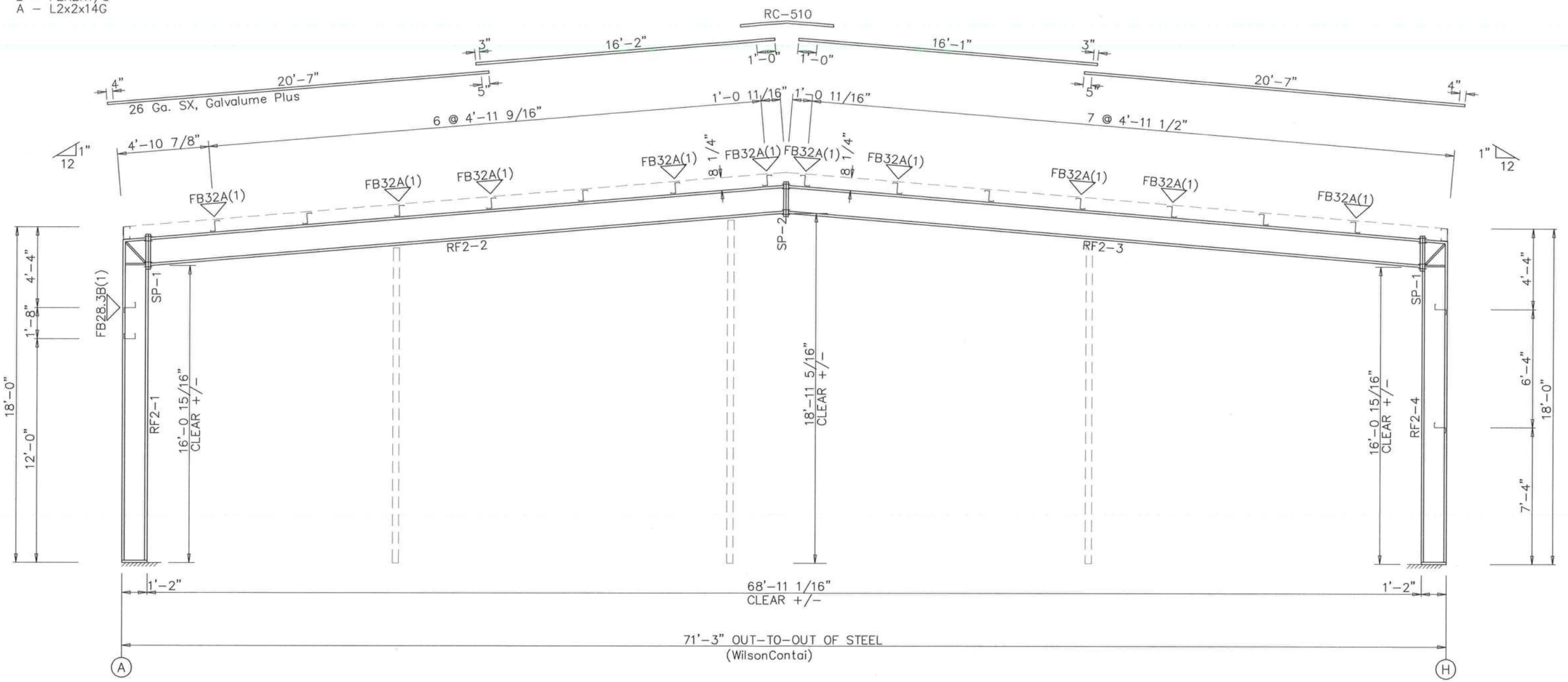
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 11 OF 21	

SPLICE BOLT TABLE						
Mark	Qty Top	Bot	Int	Type	Dia	Length
SP-1	4	4	0	A325	1.000	2.50
SP-2	4	4	0	A325	0.750	2.25

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF2-1	W14X34	17'-3 3/4"
RF2-2	W16X31	34'-6 13/16"
RF2-3	W16X31	34'-6 13/16"
RF2-4	W14X34	17'-3 3/4"

▽FLANGE BRACES: Both Sides(U.N.)
FBxxB(1): xx=length(in)
B - F2X2X1/8
A - L2x2x14G



RIGID FRAME ELEVATION: FRAME LINE 6

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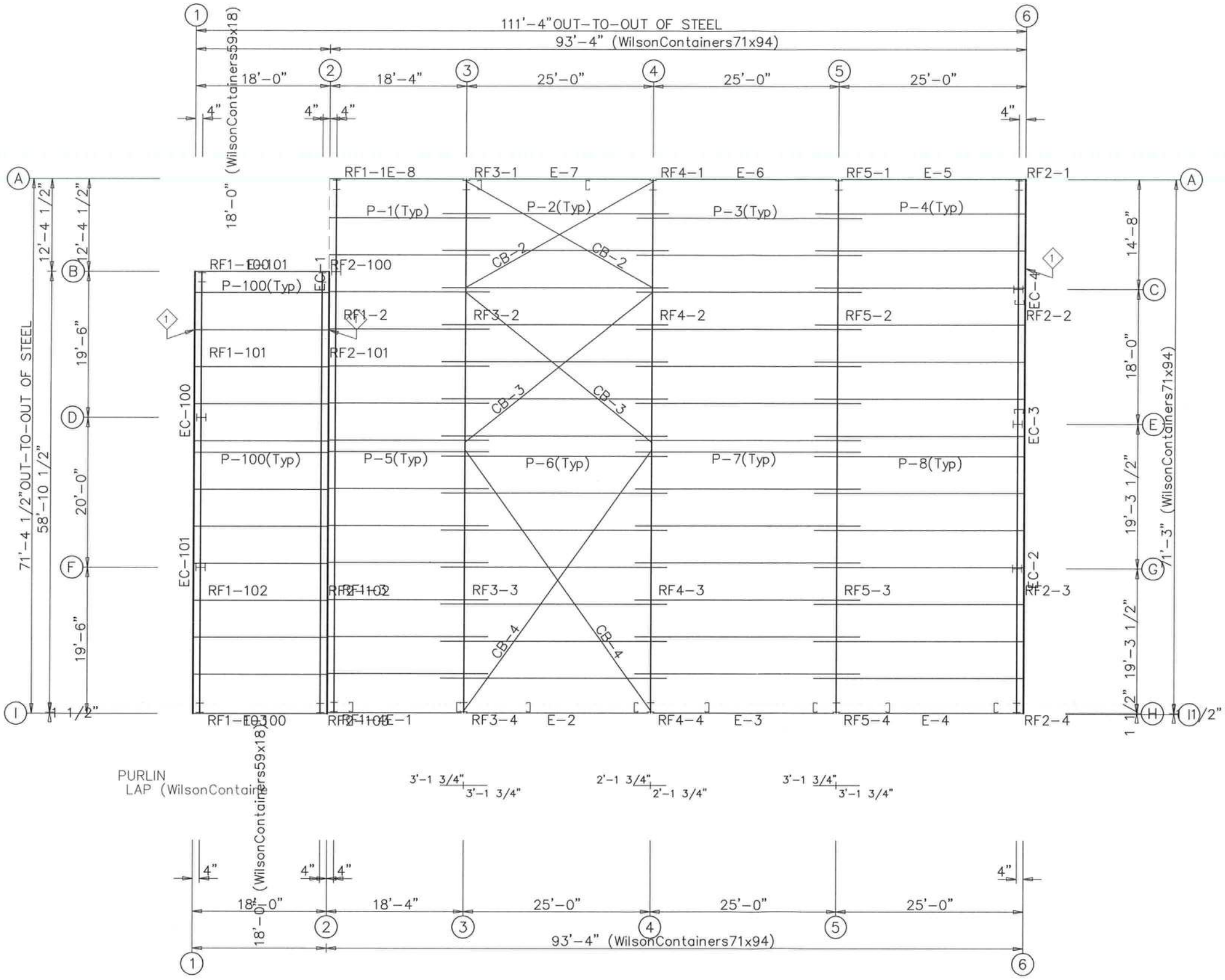
PROJECT	Shop	RIGID FRAME ELEVATION		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 12 OF 21	



ROOF FRAMING PLAN

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
WilsonContainers71x94		
P-1	8X25Z16	21'-5 1/2"
P-2	8X25Z16	30'-3 1/2"
P-3	8X25Z14	30'-3 1/2"
P-4	8X25Z12	28'-1 1/2"
P-5	8X25Z16	21'-5 1/2"
P-6	8X25Z16	30'-3 1/2"
P-7	8X25Z14	30'-3 1/2"
P-8	8X25Z12	28'-1 1/2"
E-1	E085341L	18'-3 1/2"
E-2	E085341L	24'-11 1/2"
E-3	E085341L	24'-11 1/2"
E-4	E085341L	24'-11 1/2"
E-5	E085341L	24'-11 1/2"
E-6	E085341L	24'-11 1/2"
E-7	E085341L	24'-11 1/2"
E-8	E085341L	18'-3 1/2"
CB-2	0.25_CBL	27'-3"
CB-3	0.25_CBL	30'-7"
CB-4	0.25_CBL	41'-5 1/4"
WilsonContainers59x18		
P-100	8X25Z14	17'-11 1/2"
E-100	E085341L	17'-11 1/2"
E-101	E085341L	17'-11 1/2"

ANGLE TABLE ROOF PLAN		
◇ID	MARK	LENGTH
1	Rake L	20'-0"

GENERAL NOTES:
ROOF DRAWING TEST NOTES
A
B
B
C
C

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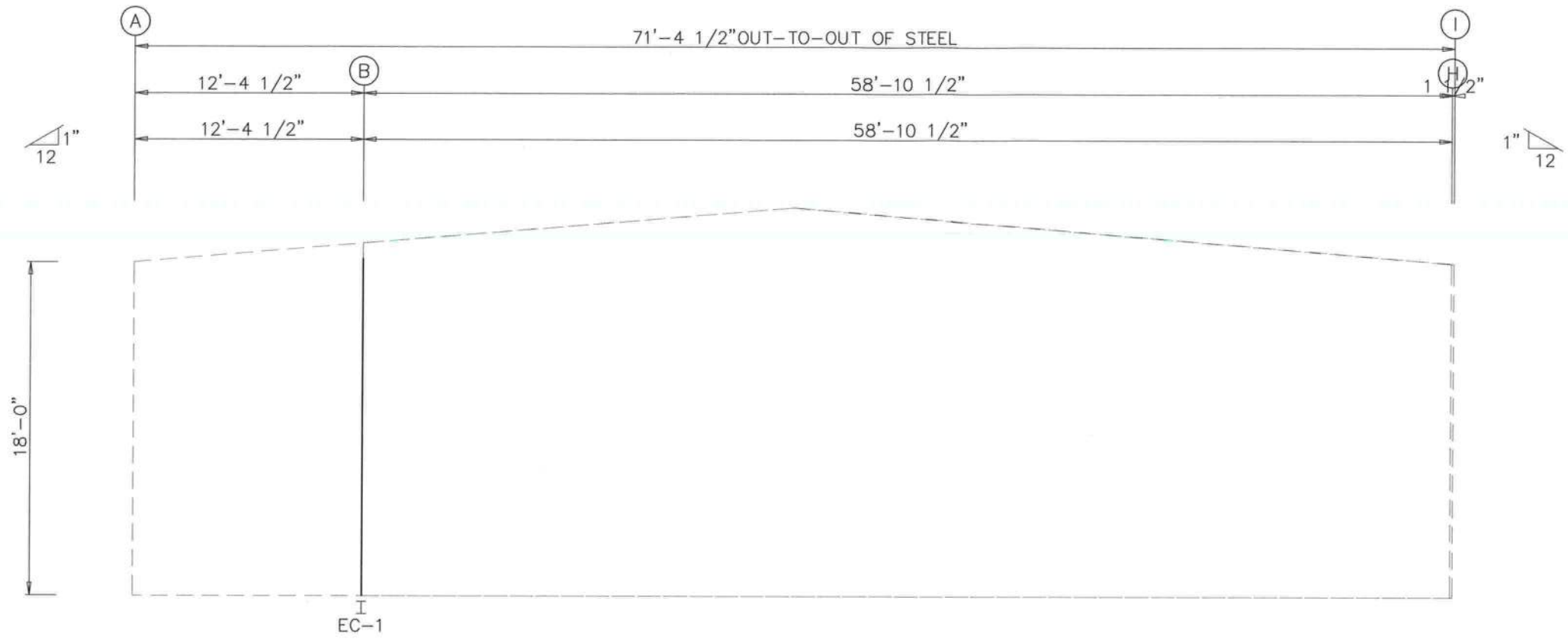
PROJECT		ROOF FRAMING		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 13 OF 21	



ENDWALL FRAMING: FRAME LINE 2

ENDWALL SHEETING & TRIM: FRAME LINE 2

BOLT TABLE
FRAME LINE 2

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"

TRIM TABLE
FRAME LINE 2

◇ID	MARK	LENGTH	DETAIL
1	JT-101	10'-3"	TRIM_301

MEMBER TABLE
FRAME LINE 2

MARK	PART	LENGTH
EC-1	W8X10	17'-2"

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ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
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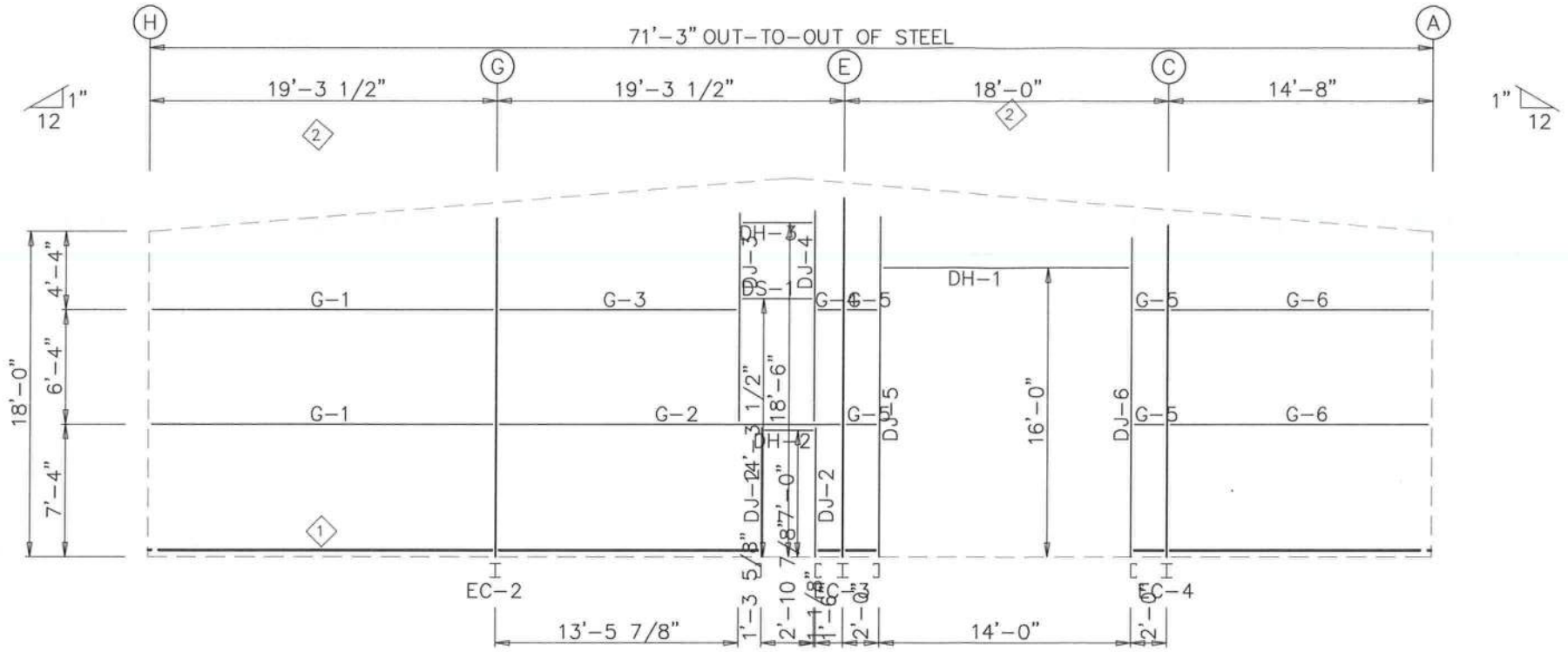
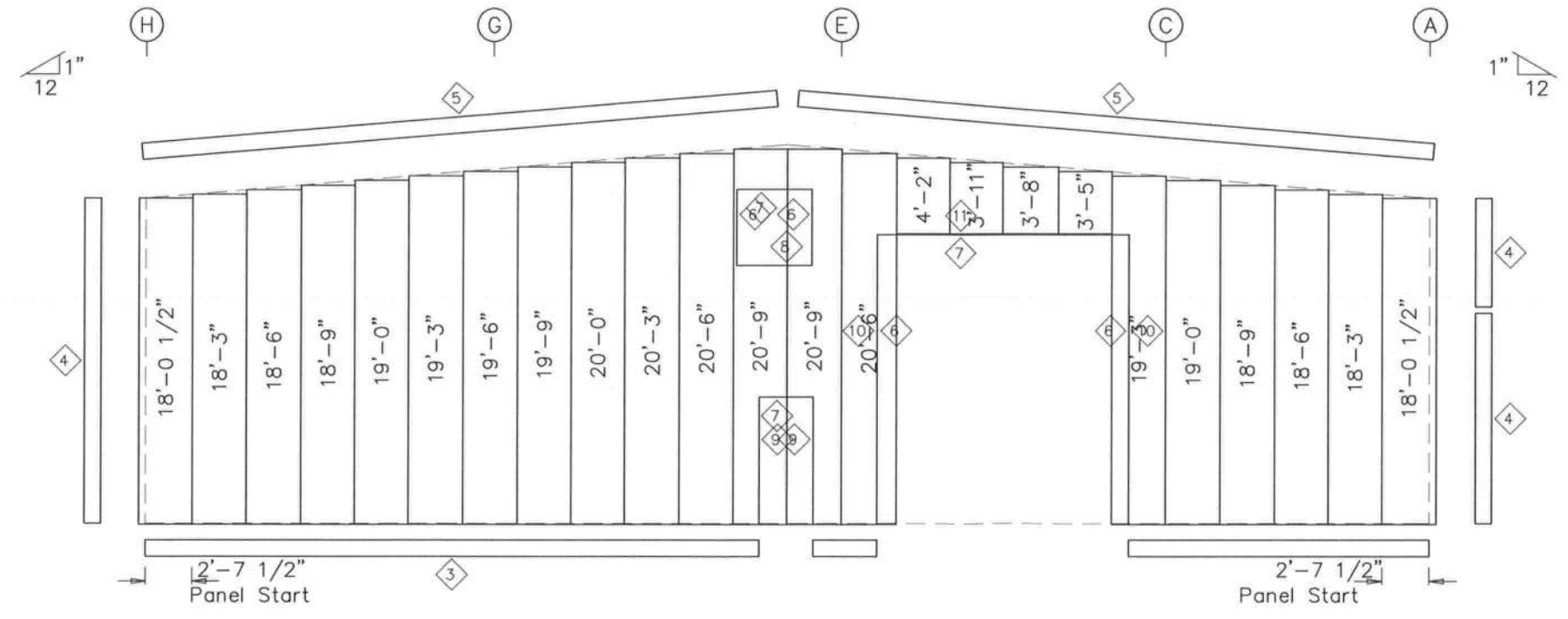


ENDWALL FRAMING: FRAME LINE 6



ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. SX – Ash Gray (SMP)

BOLT TABLE
FRAME LINE 6

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"
Jamb	2	A325	1/2"	1 1/4"

TRIM TABLE
FRAME LINE 6

◇ID	MARK	LENGTH	DETAIL
3	BT-102	10'-3"	TRIM_68
4	CT-102	10'-3"	TRIM_323
5	RT-101	10'-3"	TRIM_229
6	JT-101	10'-3"	TRIM_239
7	HT-101	10'-3"	TRIM_232
8	MT-113	10'-3"	TRIM_261
9	JT-101	10'-3"	TRIM_401
10	MT-116	10'-3"	TRIM_242
11	MT-116	10'-3"	TRIM_235

MEMBER TABLE
FRAME LINE 6

MARK	PART	LENGTH
EC-2	W8X10	17'-6 3/4"
EC-3	W8X10	18'-8 1/8"
EC-4	W8X10	17'-2 1/8"
DJ-2	8X35C16	7'-4"
DJ-3	8X35C16	11'-4 1/4"
DJ-4	8X35C16	11'-5 3/4"
DJ-5	8X35C16	18'-6 1/8"
DJ-6	8X35C16	17'-4 1/8"
DH-1	8X35C16	14'-0"
DH-2	8X35C16	3'-0"
DH-3	8X35C16	4'-2 1/2"
DS-1	8X35C16	4'-2 1/2"
G-1	8X25Z16	17'-9 1/4"
G-2	8X25Z12	18'-7 1/2"
G-3	8X25Z16	12'-9 5/8"
G-4	8X25Z16	10 7/8"
G-5	8X25Z16	1'-3 3/4"
G-6	8X25Z16	13'-1 3/4"

ANGLE TABLE
FRAME LINE 6

◇ID	MARK	LENGTH
1	Base L	20'-0"
2	Rake L	20'-0"

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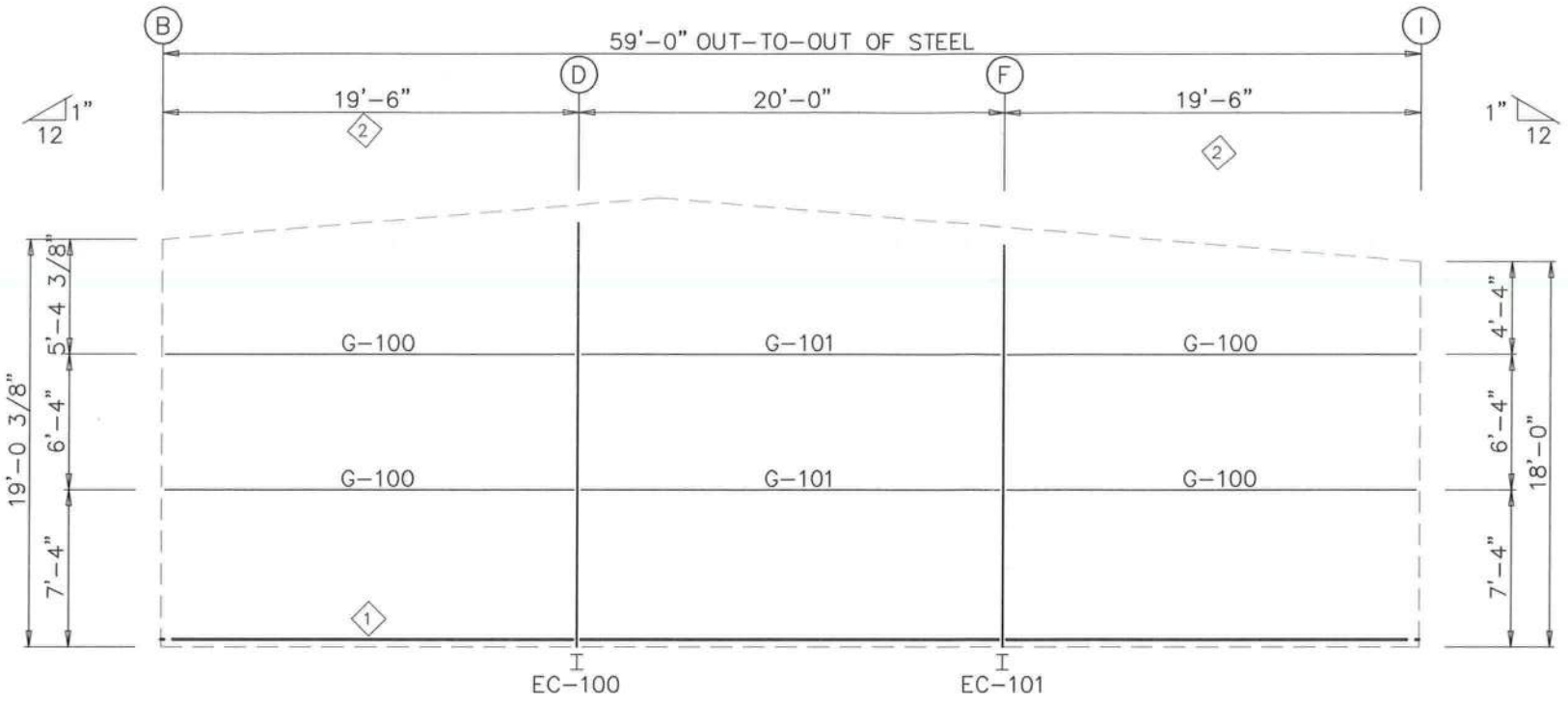
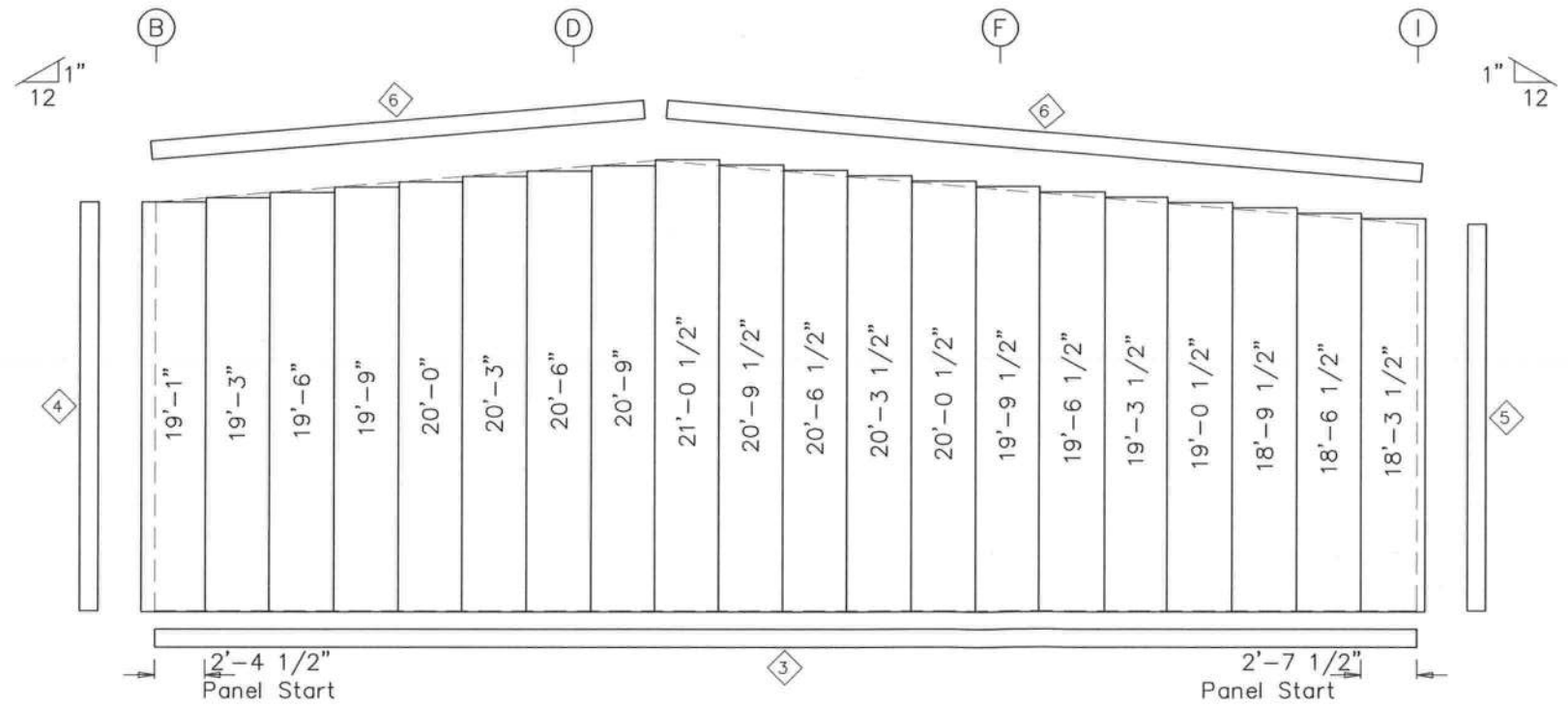
PROJECT	Shop	ENDWALL FRAMING		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/13/24	SHEET 15 OF 21	



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. SX – Need Sill Poly Color

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	5/8"	1 1/2"

TRIM TABLE
FRAME LINE 1

◇ID	MARK	LENGTH	DETAIL
3	BT-102	10'-3"	TRIM_68
4	JT-101	10'-3"	TRIM_301
5	CT-102	10'-3"	TRIM_323
6	RT-101	10'-3"	TRIM_229

MEMBER TABLE
FRAME LINE 1

MARK	PART	LENGTH
EC-100	W8X10	18'-11 3/8"
EC-101	W8X10	17'-11 1/16"
G-100	8X25Z16	18'-1 7/8"
G-101	8X25Z14	19'-4"

ANGLE TABLE
FRAME LINE 1

◇ID	MARK	LENGTH
1	Base L	20'-0"
2	Rake L	20'-0"

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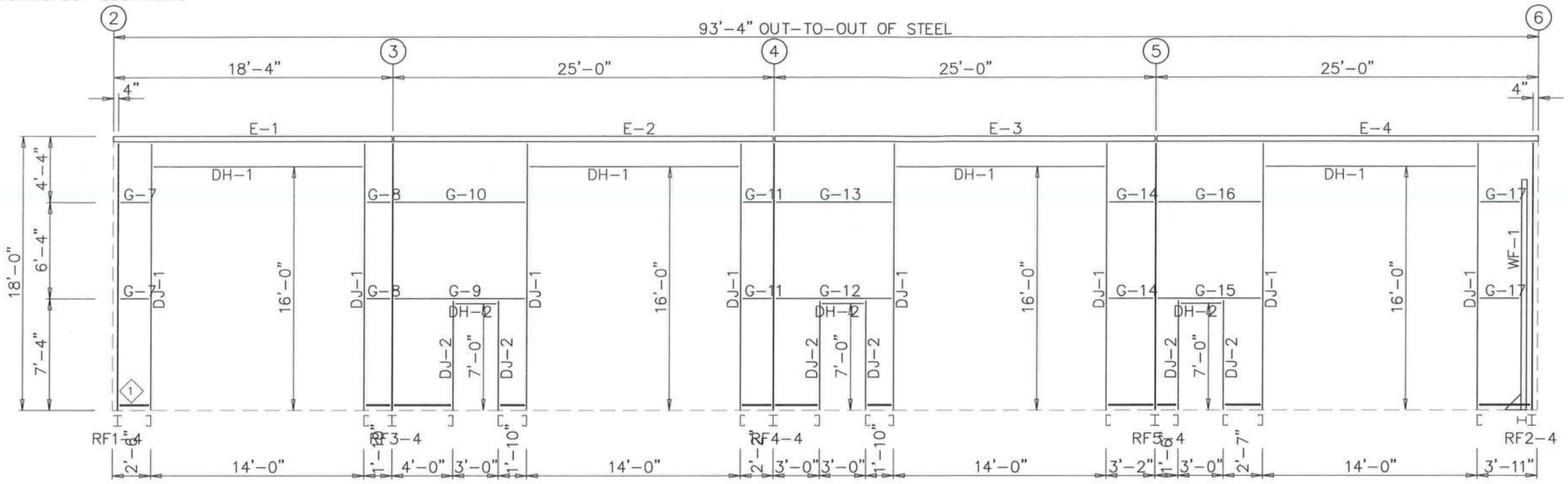
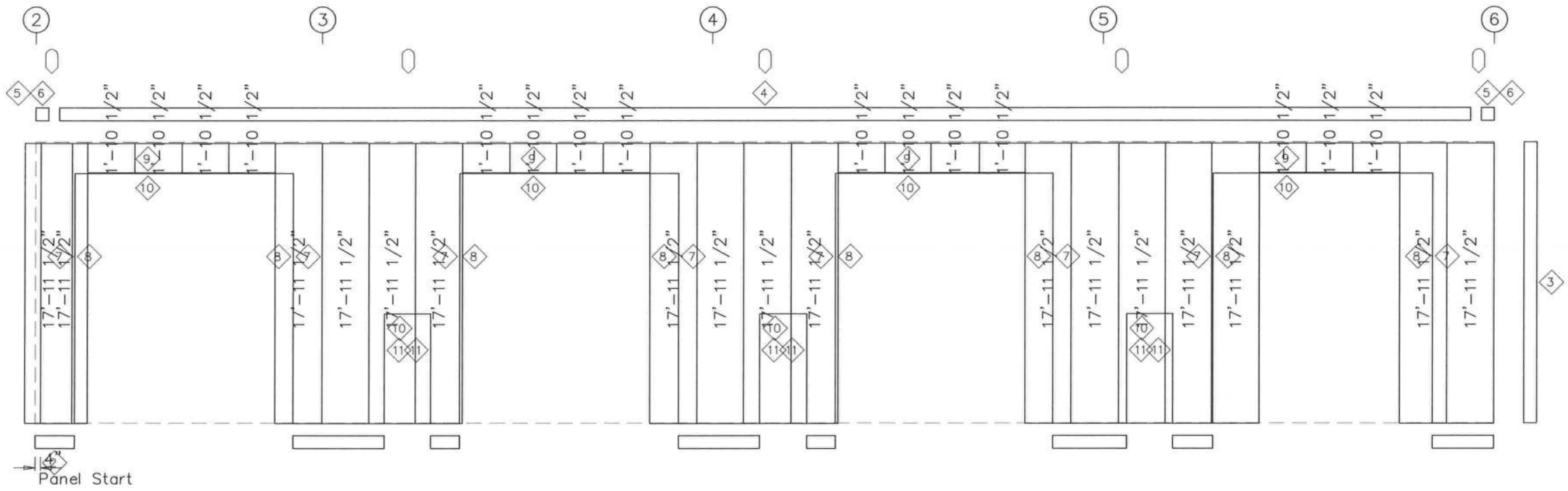
Union LaSteel				
PROJECT	Shop	ENDWALL FRAMING		
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 16 OF 21	

DOWNSPOUT LOCATIONS



SIDEWALL FRAMING: FRAME LINE H



SIDEWALL SHEETING & TRIM: FRAME LINE H

PANELS: 26 Ga. SX – Ash Gray (SMP)

TRIM TABLE
FRAME LINE H

◇ID	MARK	LENGTH	DETAIL
2	BT-102	10'-3"	TRIM_68
3	CT-102	10'-3"	TRIM_323
4	GU-121	20'-3"	
5	EC-121	6"	
6	SCB	6"	
7	MT-116	10'-3"	TRIM_242
8	JT-101	10'-3"	TRIM_239
9	MT-116	10'-3"	TRIM_235
10	HT-101	10'-3"	TRIM_232
11	JT-101	10'-3"	TRIM_401

MEMBER TABLE
FRAME LINE H

MARK	PART	LENGTH
WF-1	W08582	15'-6"
DJ-1	8X35C16	17'-4 5/8"
DJ-2	8X35C16	7'-4"
DH-1	8X35C16	14'-0"
DH-2	8X35C16	3'-0"
E-1	E085341L	18'-3 1/2"
E-2	E085341L	24'-11 1/2"
E-3	E085341L	24'-11 1/2"
E-4	E085341L	24'-11 1/2"
G-7	8X25Z16	1'-6 3/8"
G-8	8X25Z16	1'-2 1/8"
G-9	8X25Z16	8'-2 1/8"
G-10	8X25Z16	8'-2 1/8"
G-11	8X25Z16	1'-6 1/8"
G-12	8X25Z16	7'-2 1/8"
G-13	8X25Z16	7'-2 1/8"
G-14	8X25Z16	2'-6 1/8"
G-15	8X25Z16	6'-5 1/8"
G-16	8X25Z16	6'-5 1/8"
G-17	8X25Z16	2'-6 1/2"

ANGLE TABLE
FRAME LINE H

◇ID	MARK	LENGTH
1	Base L	20'-0"

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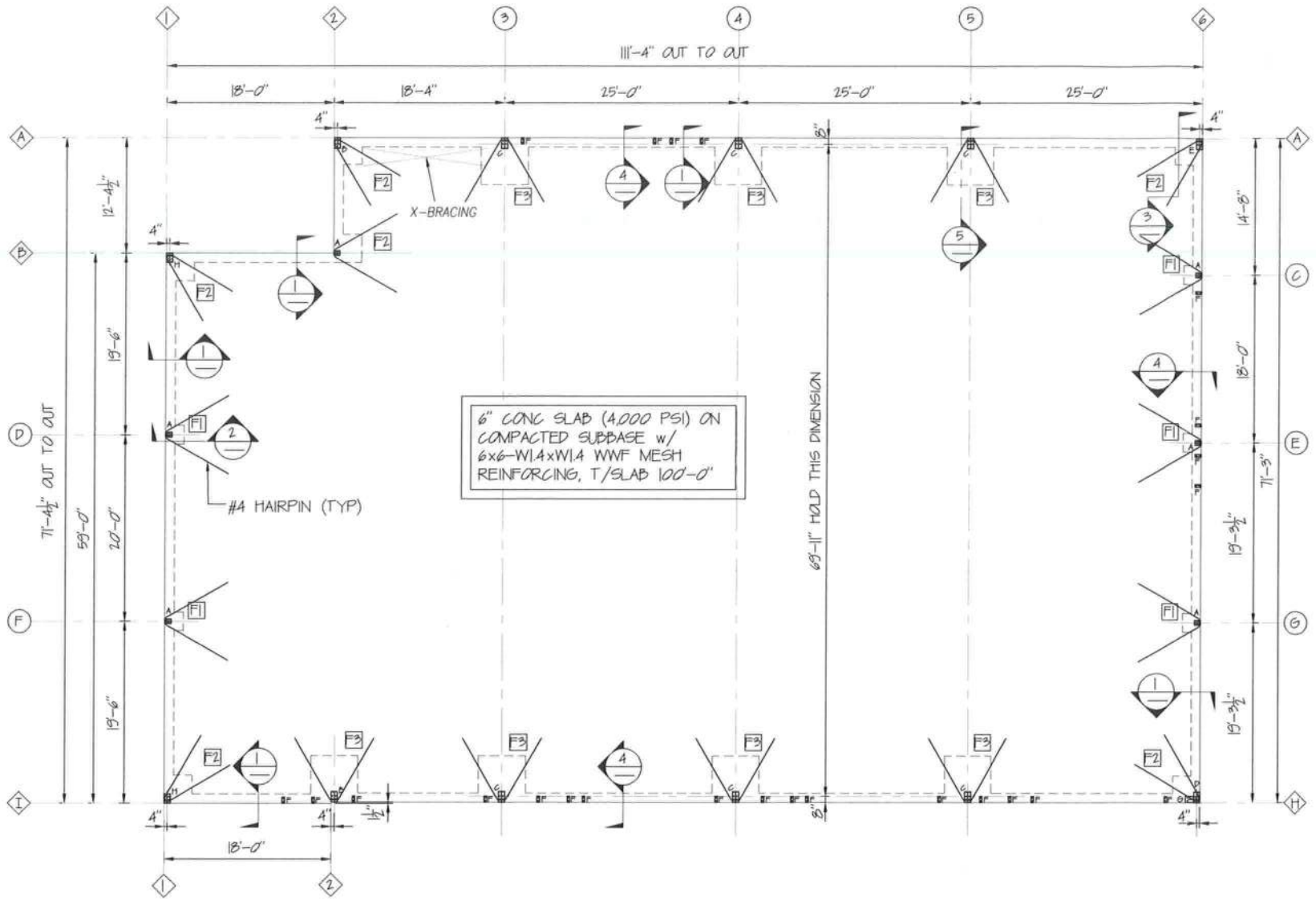
ID	WilsonContainersWarehouse	DESIGN:	DRAFT:	CHECK:
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 6/12/24	SHEET 17 OF 21	



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

FOOTING SCHEDULE				
FND MARK	FND SIZE (L x B x D)	REINFORCING TOP, E.W.	REINFORCING BOTT, E.W.	TOP OF FOOTING
F1	2'-0"x2'-0"x2'-0"	NA	(3)-#5	100'-0"
F2	3'-0"x3'-0"x2'-0"	NA	(4)-#5	100'-0"
F3	5'-0"x5'-0"x2'-0"	NA	(6)-#5	100'-0"

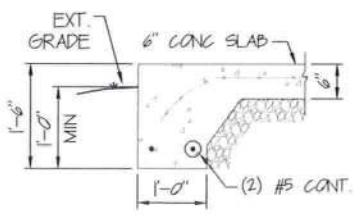
THE SOIL BEARING PRESSURE IS ASSUMED TO BE 1500 PSF MAXIMUM. UPON ENCOUNTERING SOILS LESS THAN THIS CONTACT THE ENGINEER.

CONCRETE

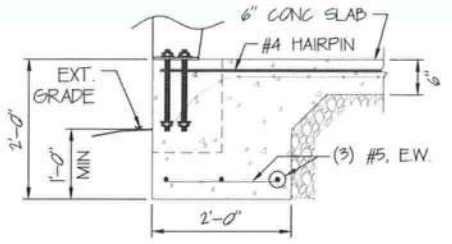
1. ALL CONCRETE WORK SHALL CONFORM TO ACI 301-16, "SPECIFICATIONS FOR BUILDINGS", EXCEPT AS NOTED BELOW. REFER TO CHAPTER 16 OF ACI 301 FOR REPORTS FROM TESTS THAT SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER, ARCHITECT, OWNER, ANY APPLICABLE CONTRACTORS, CONCRETE SUPPLIER, AND BUILDING OFFICIAL.
2. CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306R-16 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306R-16 "COLD WEATHER CONCRETING".
3. CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305R-10 "HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND VELOCITY SHALL BE ENTERED INTO NOMOGRAPH FIG. 2.1.5 TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
4. REBAR FABRICATION, PLACEMENT, SPLICING, ETC. SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 318, THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) HANDBOOK AND ANY OTHER APPLICABLE PUBLICATIONS.
5. A SLUMP TEST SHALL BE PERFORMED BEFORE ANY HRWR IS ADDED.
6. CONCRETE MATERIAL SPECIFICATION: 3000 PSF f'c BASED ON 28 DAYS STRENGTH.
7. UNLESS OTHERWISE NOTED, REINFORCEMENT BARS TO HAVE MINIMUM CONCRETE COVER AS SHOWN BELOW:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#5 BARS AND SMALLER	1½ INCHES
OTHER	2 INCHES
CONCRETE NOT EXPOSED TO EARTH OR WEATHER: BEAM AND COLUMN BARS INCLUDING TIES, STIRRUPS AND SPIRALS	1½ INCHES
SLABS, WALLS, AND JOISTS:	
#11 BARS AND SMALLERS	¾ INCHES
OTHERS	1½ INCHES

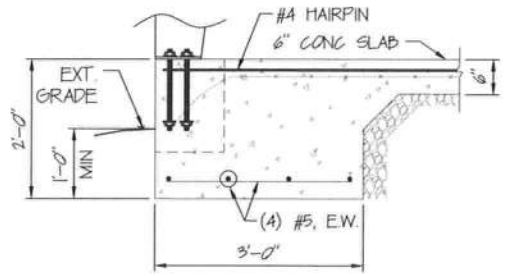
8. ALL EXPOSED EDGES ARE TO BE CHAMFERED ¾ INCH, U.N.O.
9. LAP SPLICE LENGTHS TO BE OF CLASS "B" PER ACI.
10. CONCRETE REINFORCEMENT SHALL CONFORM TO ASTM A615 OR A616, GRADE 60.
11. ISOLATED COLUMN FOOTINGS HAVE BEEN DESIGNED WITH AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF, UPON ENCOUNTERING ANY ADVERSE SOIL CONDITIONS CONTACT THE STRUCTURAL ENGINEER.
12. DO NOT CAST CONCRETE AGAINST WATER OR FROZEN WATER.



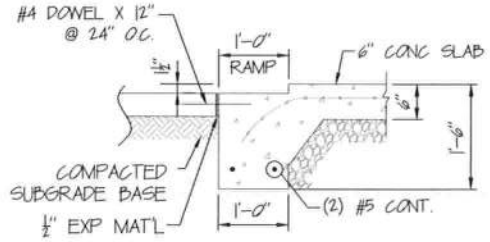
SECTION 1 N.T.S.



SECTION 2 N.T.S.



SECTION 3 N.T.S.



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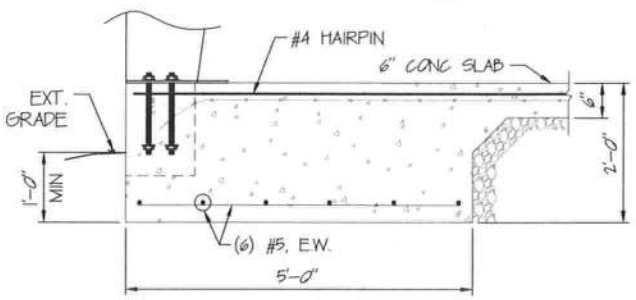

SECTION 5 N.T.S.

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Union LaSteel			
PROJECT	Shop	FOUNDATION PLAN & DETAILS	
ID	WilsonContainersWarehouse	DESIGN: TSM | DRAFT: GSM	CHECK: TSM
PROJECT ADDRESS	1291 SE Baya Drive Lake City, Fl. 32025	DATE: 07/02/24	SHEET 21 OF 21