

BUILDING QUOTE

Package Steel Systems, Inc.
 15 Harback Rd.
 Sutton, MA 01590

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 1/16/21 8:11 AM

CSR: dgf

GENERAL INFORMATION

Builder: **Regional Builders**
 Address: **6 Eames Rd.**
 City, State, Zip: **Worcester, MA 01606**

Contact: **Steve Lemon**
 Ph: **508-856-0255**
 Fax: **1-508-852-6454**
 Email: **steve@regional-builders.com**

Project: **Boat Showroom**
 Address:
 City, State, Zip: **Leicester, MA 01524**
 County: **Worcester**

Complexity: **5**
 Quote Number: **q2101-0030**

DRAWINGS INCLUDED

Anchor Bolt Plans: **3**
 Preliminary Plans: **3**
 Approval Plans: **0**

Erection Drawings: **3**
 Design Calcs: **0**
 Letter of Cert: **3**

NOTE: If Approval Plans are required, fabrication will be held pending receipt of signed copies.

WARRANTIES INCLUDED

Standard Galvalume Warranty: **Yes**
 Standard Twenty Year Paint Warranty: **Yes**
 Twenty Year Weather Tightness Warranty: **No**

DESIGN CODES & LOADS

Governing Code: **IBC 15**
 Building Risk Category: **II - Normal**
 Occupancy Classification:

Dead and Collateral Loads

Dead: **5.00** psf
 Collateral: **5.00** psf
 Roof Live Load: **20.00** psf

Seismic Loads

Seismic Importance, ie: **1.00**
 Seismic Design Category: **B**
 Soil Site Class: **D**
 Seismic Response Coeff., Ss: **0.178**
 Seismic Response Coeff., S1: **0.066**

Wind Loads

Velocity, V: **123** mph
 Wind Exposure: **C**
 Enclosure Type: **Closed**
 Importance, Iw: **1.00**

Snow Loads

Ground Snow, Pg: **50.00** psf
 Design Roof Snow, Pf: **35.00** psf
 Minimum Uniform Snow: **35.00** psf
 Snow Exposure Factor, Ce: **1.00**
 Thermal Factor, Ct: **1.00**
 Roof Slope Factor, Cs: **1.00**
 Snow Importance, Is: **1.00**

Deflections

Endwall Column: 180	Roof Panel (Uplift): 150
Endwall Rafter (Gravity): 240	Rigid Frame (Horz): 60
Endwall Rafter (Uplift): 180	Rigid Frame (Vert): 240
Wall Girt: 180	Wind Framing: 60
Roof Purlin (Gravity): 180	Partition Column: 120
Roof Purlin (Uplift): 150	Partition Girt: 90
Wall Panel: 120	Partition Panel: 90
Roof Panel (Gravity): 180	

Project: Boat Showroom		Quote Number: q2101-0030				
City, State, Zip: Leicester, MA 01524						
BUILDING DESCRIPTION						
Width (FT): 60'-0"		Length (FT): 125'-0"				
Left Eave Height (FT): 24'-6"		Right Eave Height (FT): 24'-6"				
Peak Offset (FT): 30'-0"		Back Roof Slope: 1.0:12				
Left Endwall Bay Spacing: 3 at 20'-0"		Front Roof Slope: 1.0:12				
Right Endwall Bay Spacing: 3 at 20'-0"						
Sidewall Bay Spacing: 5 at 25'-0"						
RIGID FRAMING #1						
Frame Type: RF-		Rigid Frames				
Frame Load Width: 25		Frame Line(s): 2 3 4 5				
Back Column Type: tapered depth		Back Column Elevation: 0"				
Front Column Type: tapered depth		Front Column Elevation: 0"				
Interior Column Location: N/A		Interior Column Elevation: 0"				
Finish: Grey Primer						
RIGID FRAMING #2						
Frame Type: RF-		Rigid Frames				
Frame Load Width: 13		Frame Line(s): 6				
Back Column Type: constant depth		Back Column Elevation: 0"				
Front Column Type: constant depth		Front Column Elevation: 0"				
Interior Column Location: 20'-0" 40'-0"		Interior Column Elevation: 0"				
Finish: Grey Primer						
ENDWALL FRAMING						
Left Endwall Frame Type: Post and Beam Frame		Left Endwall Column Elevation: 0"				
Right Endwall Frame Type: Rigid Frame		Right Endwall Column Elevation: 0"				
Finish: Grey Primer						
ROOF AND WALL FRAMING						
Type	Depth	Offset	Projection			
Roof Purlins Surface 2: Z Bypass	Optimize	0"	0"			
Roof Purlins Surface 3: Z Bypass	Optimize	0"	0"			
Left Endwall Girts: Z Bypass	8"	0"	0"			
Front Sidewall Girts: Z Bypass	8"	0"	0"			
Right Endwall Girts: Z Bypass	8"	0"	0"			
Back Sidewall Girts: Z Bypass	8"	0"	0"			
Base Type: Base Channel						
Finish G-90 Galvanized						
OPEN WALL AREAS						
Location	#Sets	Bay Start	Bay End	Wall Height	Full Load	Base Type
Left Endwall:	0			0'-0"		
Front Sidewall:	1	3	5	10'-0"		
Right Endwall:	1	1	3	10'-0"		
Back Sidewall:	0			0'-0"		

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BRACING

	Bay ID Number
Roof: Cable Diagonal Bracing	2
Left Endwall: Tier X-Bracing	2
Front Sidewall: Rod Diagonal Bracing	2
Right Endwall: Rigid Frame	
Back Sidewall: Rod Diagonal Bracing	4

FACTORY LOCATED FRAMED OPENINGS

	Qty	Bay	Width	Height	Offset	Type	Sill	Base	Remove Panel
Left Endwall:	2	1	3.3333	7.1667	12.0000	10	0.0000	0.0000	'F'
		3	12.0000	16.0000	4.0000	42	0.0000	0.0000	'Y'
Front Sidewall:									0
Right Endwall:									0
Back Sidewall:									0

ROOF AND WALL SHEETING

Roof Panel Type: PBR	36" MBCI Standard Roll	Gauge: 26	
Clip Type:		Color: Galvalume Plus	
Clip Height (in):		Insulation Blocks:	
Machine Seamed:		Thickness (in):	
Panel Type:		Gauge:	
Left Endwall: PBR	36" MBCI Standard Roll	26	Color: Signature 200 Need Color
Front Sidewall: PBR	36" MBCI Standard Roll	26	Color: Signature 200 Need Color
Right Endwall: PBR	36" MBCI Standard Roll	26	Color: Signature 200 Need Color
Back Sidewall: PBR	36" MBCI Standard Roll	26	Color: Signature 200 Need Color

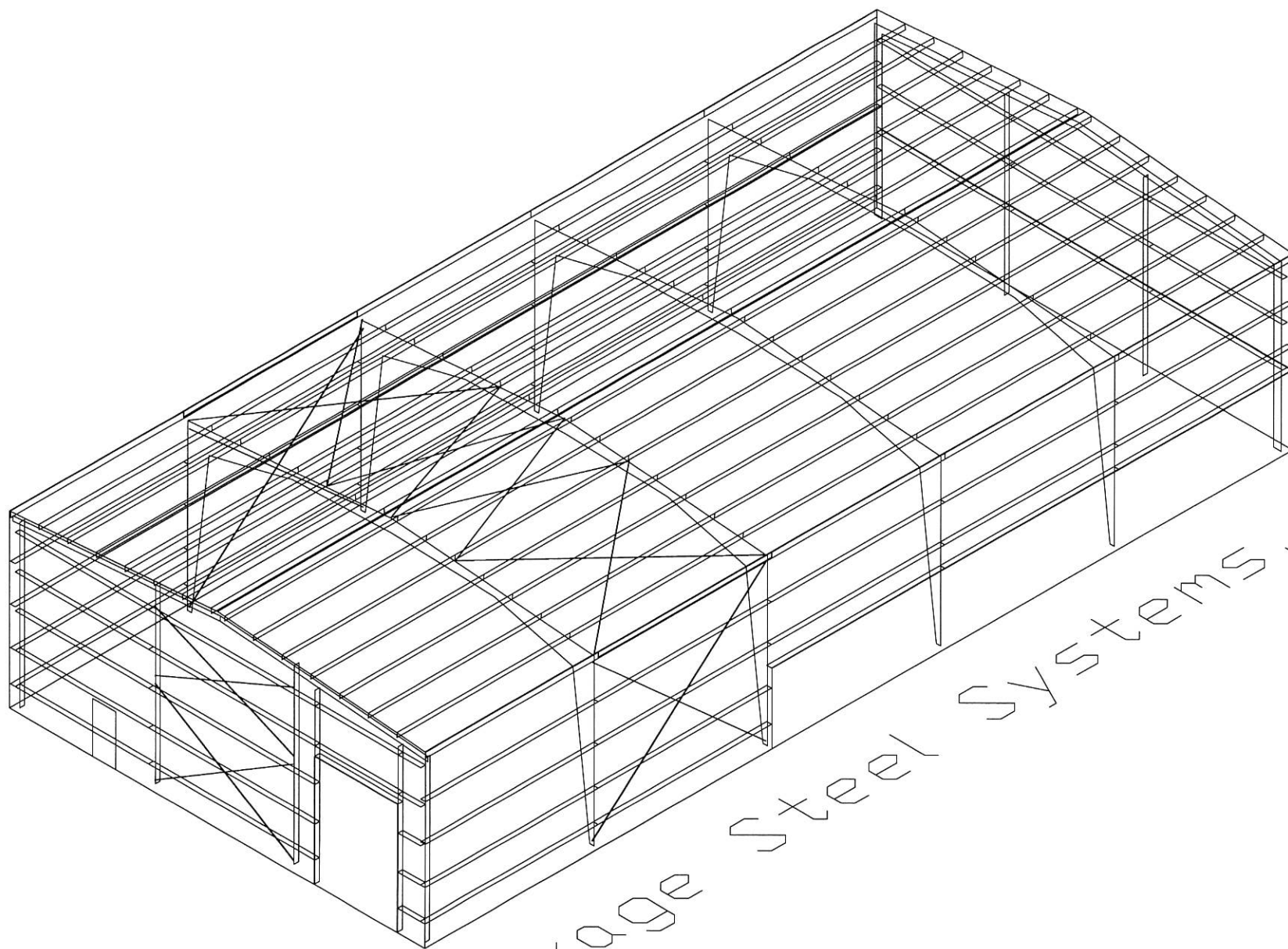
TRIM COLORS

Eave Trim Color: 200 Need Color	Style: Package Trim
Gable Trim Color: 200 Need Color	Style: Package Trim
Corner Trim Color: 200 Need Color	Style: Package Trim
Opening Trim Color: 200 Need Color	Style: Package Trim
Base Trim Color: 200 Need Color	Style: Package Trim

GUTTERS AND DOWNSPOUTS

Front Sidewall Gutter (Ft): 125'-0"	Downspout (Qty): 6
Back Sidewall Gutter (Ft): 125'-0"	Downspout (Qty): 6
Gutter Trim Color: 200 Need Color	Style: Package Trim
Downspout Trim Color: 200 Need Color	Style: MBCI Trim

Project: Boat Showroom		Quote Number: q2101-0030	
City, State, Zip: Leicester, MA 01524			
INSULATION			
Roof Type: Energy Saver R-38			
Wall Type: Energy Saver R-30			
PSS is not responsible for meeting the Energy Code. It is recommended to have an energy audit performed.			
ACCESSORIES			
(1) 3070 Pre assembled pass door with closer, lockset, and 8" subframe			
(1) Lot of flange brace clips for roof and walls			
QUALIFICATIONS			
No Anchor Bolts, Leveling Plates or Concrete Re-Enforcement by PSS			
Building Installation not Included			
No Foundation Design by PSS			
Standard Building System Specifications are Utilized Unless Specifically Described on this Document			
Any Deviation from the Described Building will not be Supplied by PSS			
COST SUMMARY			
Building Cost: \$90,522.00		Net Plant	
Insulation: \$26,547.00		Net Jobsite	
Freight: \$1,200.00			
Tax: \$7,316.81		6.25 %	
Total: \$125,585.81		Net Jobsite With Tax	
This price is valid for a period of 20 days from the date of this quote. After that time, prices are subject to review.			
Current lead time for this project is 10-12 weeks. Standards terms are 25% deposit and balance due upon delivery.			
ALTERNATE PRICING OPTIONS			
1. Add 5psf Additional Collateral Load to Roof Add \$3,857.00 Net With Tax			



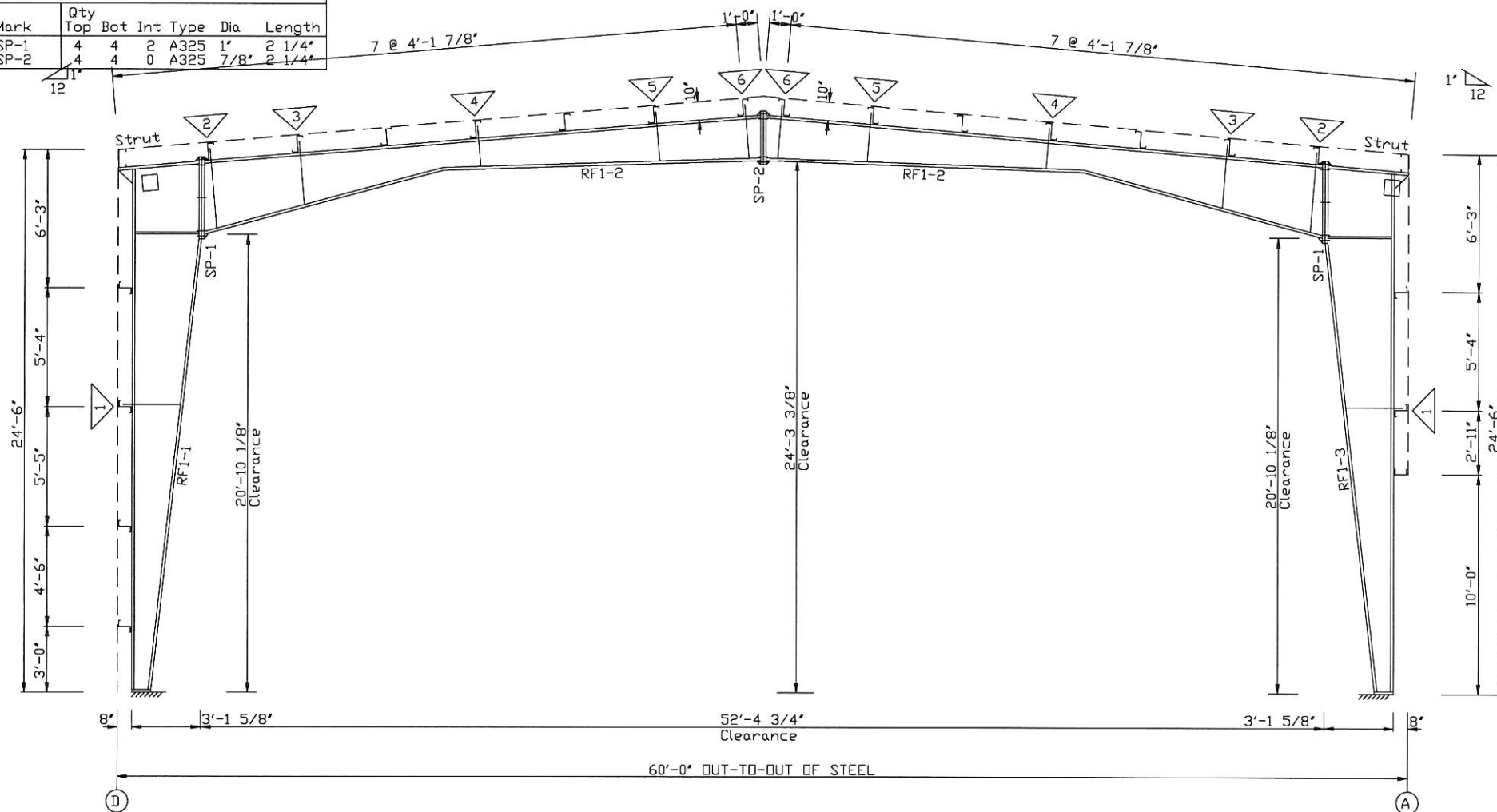
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FLANGE BRACE TABLE						
▽ ID	MARK	LENGTH	SIDES	DETAIL	CLIP1	CLIP2
1	FB41.8B	3'-5 3/4"	1	G26	CL 208	CL 200
2	FB57A	4'-9"	1	G26	CL 210	CL 200
3	FB42.1A	3'-6 1/8"	2	G26	CL 210	CL 200
4	FB25.3A	2'-1 1/4"	1	G26	CL 210	CL 200
5	FB28A	2'-4"	1	G26	CL 210	CL 200
6	FB29.6A	2'-5 5/8"	1	G26	CL 210	CL 200

FBxA - 1-1/2"x1-1/2"x1/8"
 FBxB - 2"x2"x1/8"
 FBxC - 2-1/2"x2-1/2"x3/16"

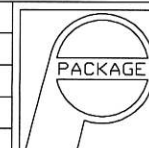
MEMBER TABLE						
Mark	Weight	Web Depth	Web Plate		Outside Flange	
		Start/End	Thick	Length	W x Thk x Length	Inside Flange W x Thk x Length
RF1-1	1008	7.5/36.3	0.250	240.0	8 x 1/4" x 284.0	8 x 3/8" x 247.5
		36.3/37.0	0.250	5.8	8 x 1/4" x 45.4	
RF1-2	947	37.0/37.0	0.313	41.3	8 x 1/4" x 128.3	8 x 5/16" x 139.5
		13.0/22.0	0.188	180.0	8 x 3/8" x 186.0	8 x 1/4" x 178.4
RF1-3	1010	37.0/37.0	0.313	41.3	8 x 1/4" x 45.4	8 x 3/8" x 247.5
		37.0/36.3	0.250	5.8	8 x 1/4" x 284.0	
		36.3/ 7.5	0.250	240.0		

SPLICE BOLT TABLE						
Mark	Qty	Top	Bot	Int	Type	Dia
SP-1	4	4	2	A325	1"	2 1/4"
SP-2	4	4	0	A325	7/8"	2 1/4"



RIGID FRAME ELEVATION: FRAME LINE 2 3 4 5

PACKAGE STEEL SYSTEMS, INC.		Regional Builders	
PROJECT	Boat Showroom	FRAME CROSS SECTION	
ID	q2101-0030	PRELIMINARY - NOT FOR CONSTRUCTION	
PROJECT		CSR:TMZ	
ADDRESS	Leicester, MA 01524	DATE: 1/16/21	DRAWING: FRXS-1

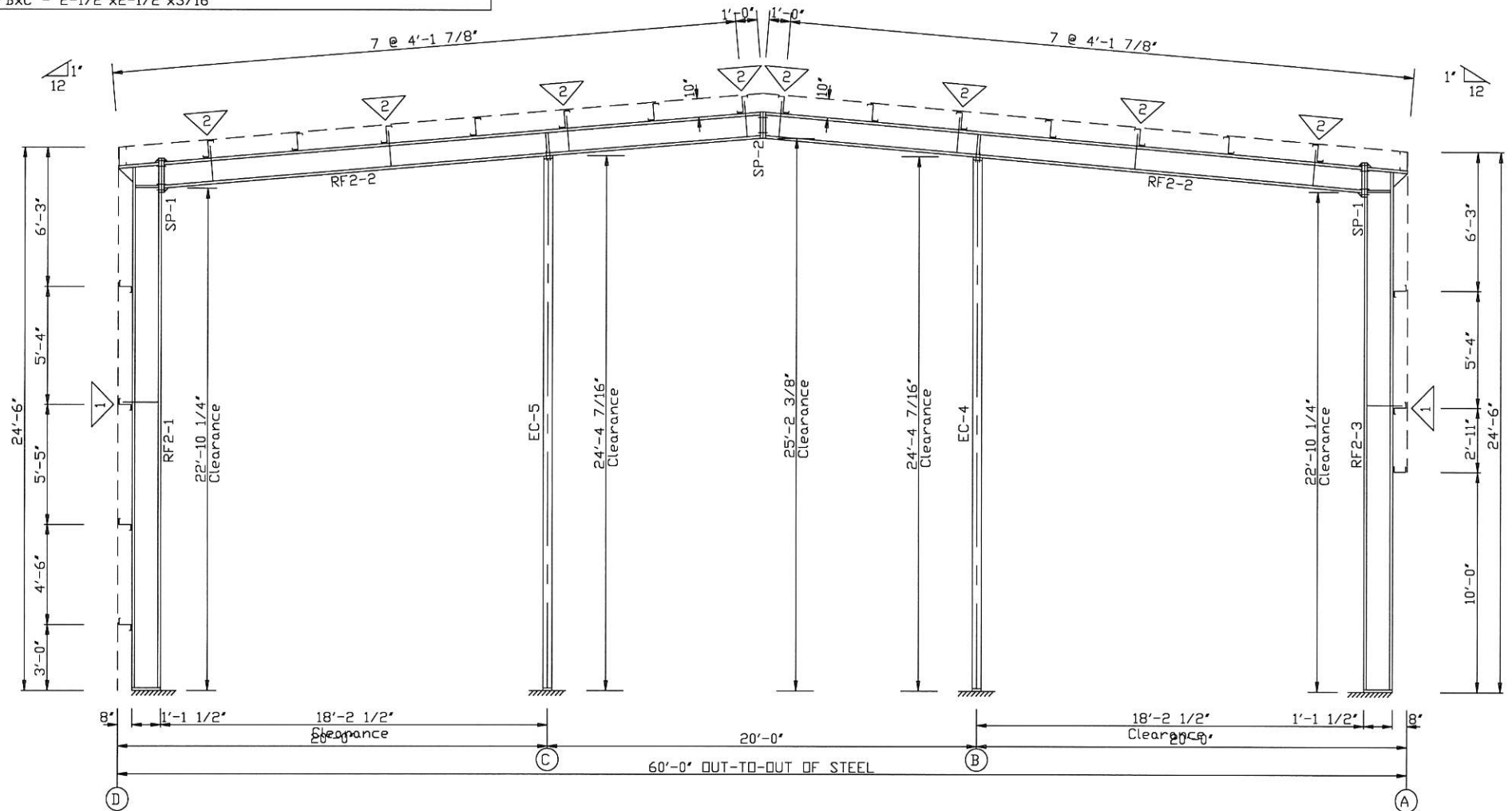


SPLICE BOLT TABLE								CAP PLATE BOLTS				
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	0	A325	5/8"	1 3/4"	EC-5	4	A325	5/8"	1 1/2"
SP-2	2	2	0	0	A325	5/8"	1 3/4"	EC-4	4	A325	5/8"	1 1/2"

FLANGE BRACE TABLE						
▽ ID	MARK	LENGTH	SIDES	DETAIL	CLIP1	CLIP2
1	FB24.8A	2'-0 3/4"	1	G26	CL 208	CL 200
2	FB24A	2'-0"	1	G26	CL 210	CL 200

FBxA - 1-1/2"x1-1/2"x1/8"
 FBxB - 2"x2"x1/8"
 FBxC - 2-1/2"x2-1/2"x3/16"

MEMBER TABLE								Outside Flange			Inside Flange		
Mark	Weight	Web Depth	Web Plate	Start/End	Thick	Length		W	x Thk	x Length	W	x Thk	x Length
RF2-1	439	13.0/13.0	0.188	240.0				5	x 1/4"	x 284.0	5	x 1/4"	x 270.0
RF2-2	482	13.0/13.0	0.188	45.1				5	x 1/4"	x 21.3	5	x 1/4"	x 338.8
RF2-3	436	11.0/11.0	0.188	99.7				5	x 1/4"	x 338.8	5	x 1/4"	x 270.0
EC-5	384	13.0/13.0	0.188	240.0				5	x 1/4"	x 21.3	5	x 1/4"	x 270.0
EC-4	384	13.0/13.0	0.188	45.1				5	x 1/4"	x 284.0	5	x 1/4"	x 270.0
		W10X15											
		W10X15											



RIGID FRAME ELEVATION: FRAME LINE 6

PACKAGE STEEL SYSTEMS, INC.		Regional Builders	
PROJECT	Boat Showroom	FRAME CROSS SECTION	
ID	q2101-0030	PRELIMINARY - NOT FOR CONSTRUCTION	
PROJECT		CSR:TMZ	
ADDRESS	Leicester, MA 01524	DATE: 1/16/21	DRAWING: FRXS-2

