

BOM	
Item	Description
1	1.875" OD Peak
2	1.625" OD Truss
3	1.625" OD Arc
4	1.625" OD Post
5	2" x 2" Metal Framing
6	6'x7' Bay Door
7	1"x2" Roll-Up Board
8	Dual Bay Door Bottom Header
9	1.375" OD Purlin
10	1.875" OD Swedge Post
11	2' x 2' Air Vent

WIND LOAD - 65 MPH
 SNOW LOAD - 30 PSF

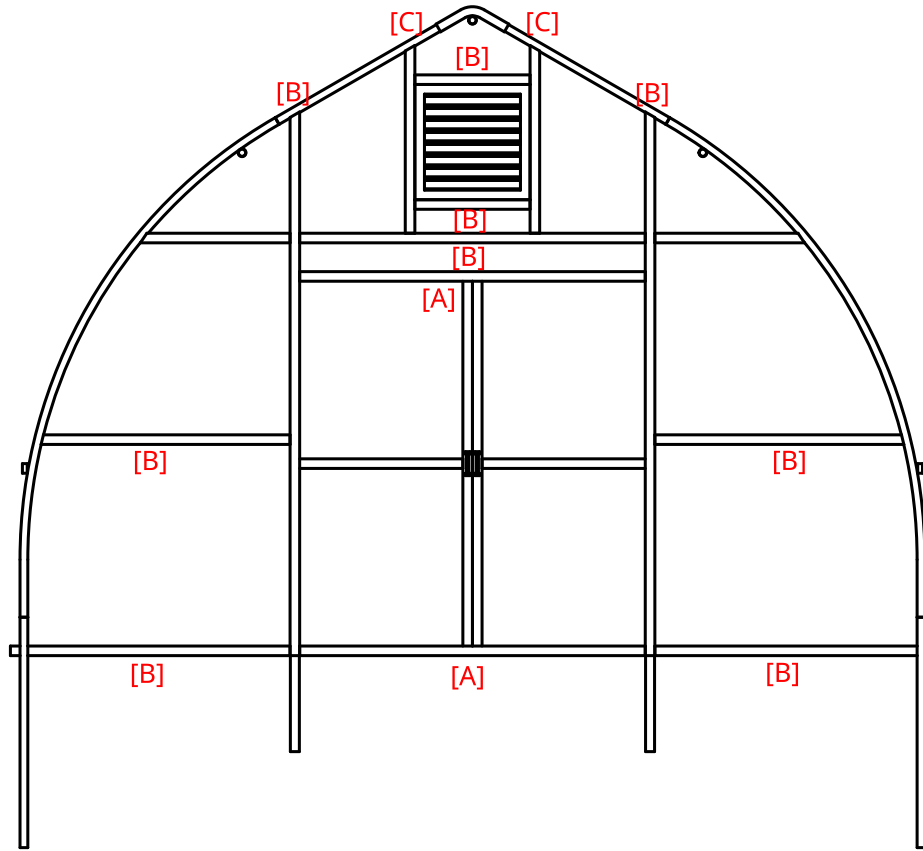
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- SURFACE FINISH		NAME	DATE	Roberts Ranch Hoophouses	
DO NOT SCALE DRAWING	DRAWN	Rica Abing	10/15/2024	TITLE	
BREAK ALL SHARP EDGES AND REMOVE BURRS	CHECKED	Kevin Roberts		16' Wide Gothic Hightunnel Front View (Metal Framing-New Design)	
THIRD ANGLE PROJECTION	APPROVED			SIZE	REV. C
	MATERIAL	Galvanized Steel		DWG NO.	G16-1
	FINISH			SCALE	1:40
				WEIGHT	
				SHEET	1 of 9

2

1

Metal Framing Detail

Item	Description
A, B	2"x2" Horizontal Stud
A, B	2"x2" Base Frame
B	2"x2" Vertical Stud
B, C	2"x2" Air Vent Frame



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES

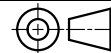
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SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
REMOVE BURRS

THIRD ANGLE PROJECTION



	NAME	DATE
DRAWN	Rica Abing	10/15/2024
CHECKED	Kevin Roberts	
APPROVED		

MATERIAL	FINISH
Galvanized Steel	

Roberts Ranch Hoophouses

TITLE
16' Wide Gothic Hightunnel Front
View (Metal Framing-New Design)

SIZE	DWG NO.	REV.
A	G16-2	C
SCALE 1:40	WEIGHT	SHEET 2 of 9

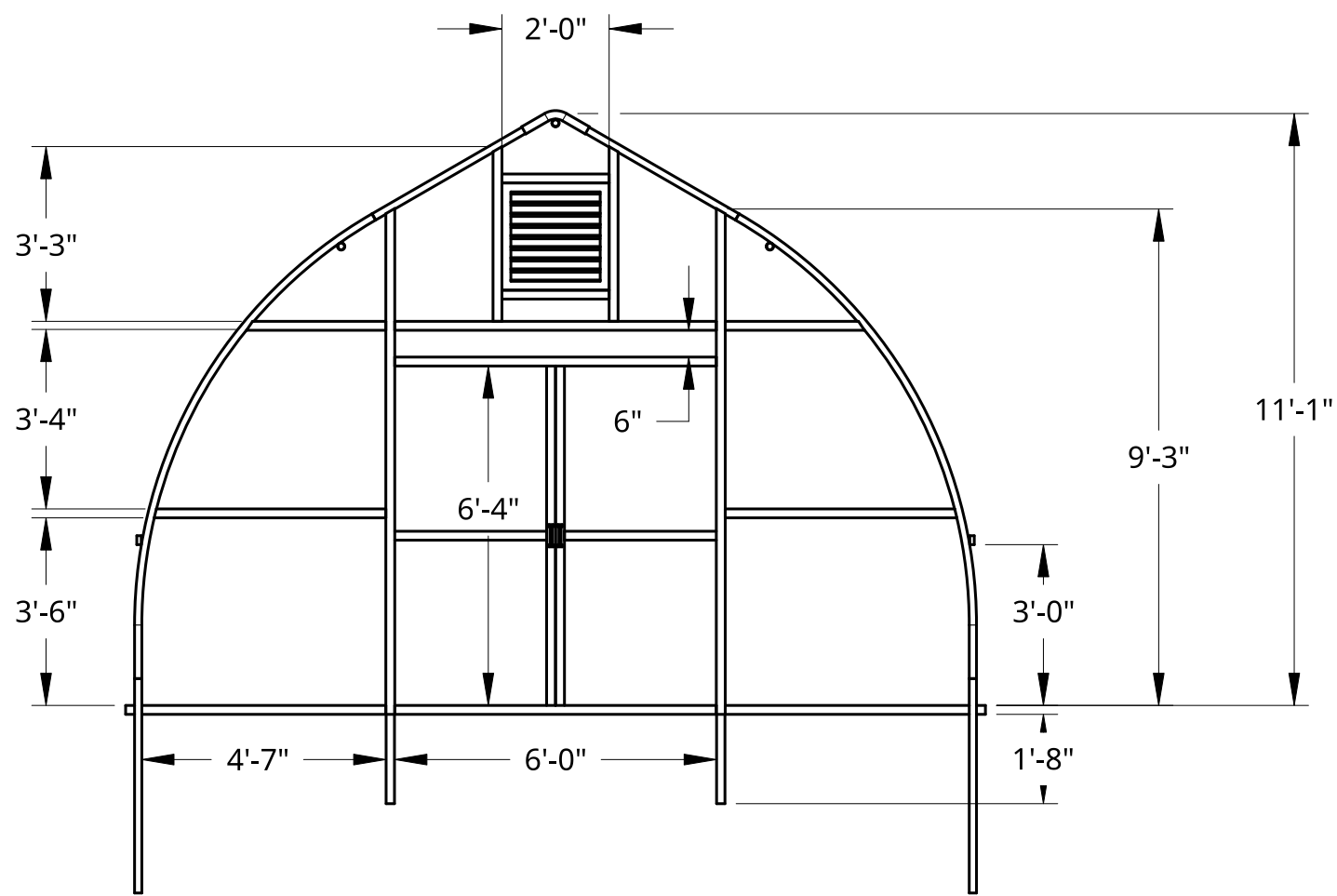
WIND LOAD - 65 MPH
SNOW LOAD - 30 PSF

2

1

B

B



A

A

WIND LOAD - 65 MPH
 SNOW LOAD - 30 PSF

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN INCHES

.XX = ±.0-
 .XXX = ±.00-
 .XXXX = ±.000-

ANGULAR = ± °
 FRACTIONAL = ±

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
 REMOVE BURRS

THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	Rica Abing	10/15/2024
CHECKED	Kevin Roberts	
APPROVED		
MATERIAL	FINISH	
Galvanized Steel		

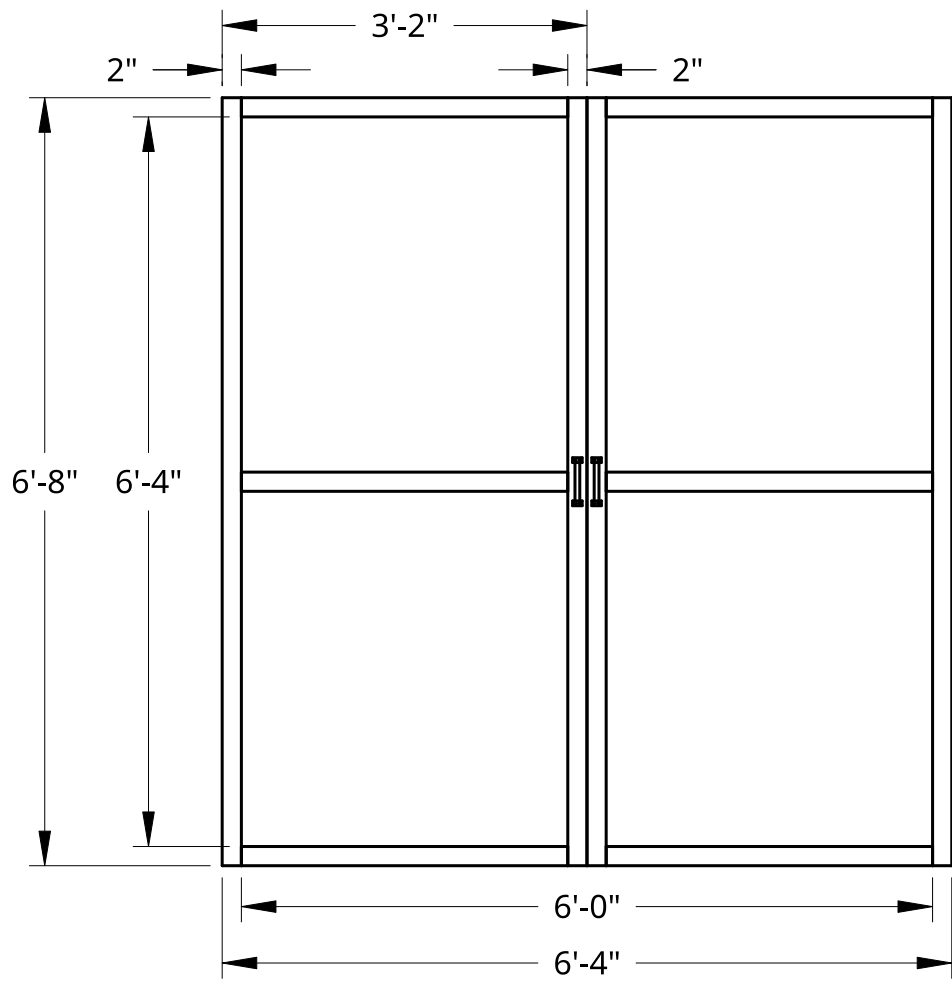
Roberts Ranch Hoophouses		
TITLE 16' Wide Gothic Hightunnel Dimensional Front View (Metal Framing - New Design)		
SIZE A	DWG NO. G16-3	REV. C
SCALE 1:40	WEIGHT	SHEET 3 of 9

2

1

2

1



B

B

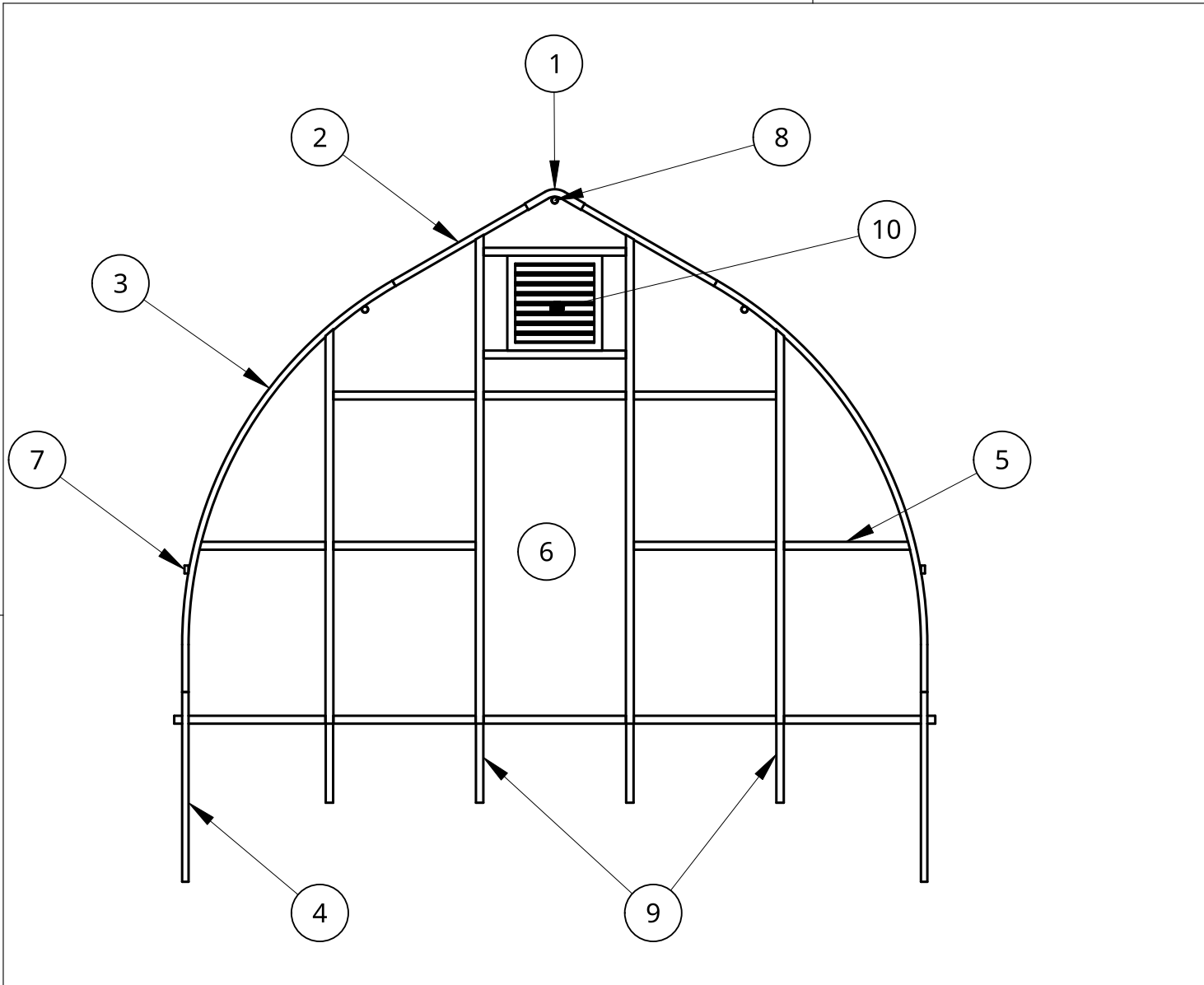
A

A

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000-		NAME	DATE	Roberts Ranch Hoophouses	
ANGULAR = ± ° FRACTIONAL = ±		DRAWN	Rica Abing	08/07/2024	TITLE 6' x 7' Dual Bay Door Plan Details
SURFACE FINISH		CHECKED	Kevin Roberts		
DO NOT SCALE DRAWING		APPROVED			
BREAK ALL SHARP EDGES AND REMOVE BURRS					SIZE A
THIRD ANGLE PROJECTION 		MATERIAL	FINISH		DWG NO. G16-4
		Galvanized Steel			REV. C
			SCALE	1:20	WEIGHT
					SHEET 4 of 9

2

1



Wall Details	
Item	Description
1	1.875" OD Peak
2	1.625" OD Truss
3	1.625" OD Arc
4	1.625" OD Post
5	2" x 2" Metal Framing
6	36"x80" Man Door
7	1"x2" Roll-Up Board
8	1.375" OD Purlin
9	1.875" OD Swedge Post
10	2' x 2' Air Vent

WIND LOAD - 65 MPH
 SNOW LOAD - 30 PSF

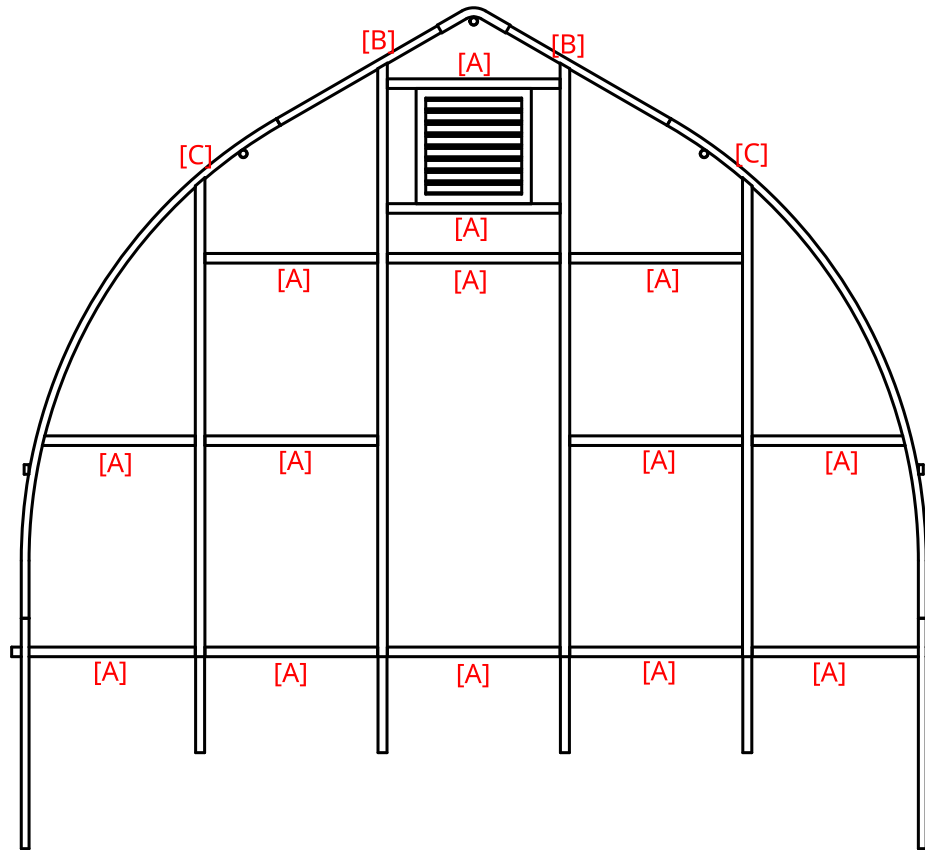
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DO NOT SCALE DRAWING	DRAWN	Rica Abing	10/10/2024		
BREAK ALL SHARP EDGES AND REMOVE BURRS	CHECKED	Kevin Roberts		TITLE	
THIRD ANGLE PROJECTION	APPROVED			16' Wide Gothic Hightunnel Back View (Metal Framing - New Design)	
	MATERIAL	FINISH		SIZE	REV.
	Galvanized Steel			A	C
				DWG NO.	
				G16-5	
				SCALE	SHEET
				1:40	5 of 9

2

1

Metal Framing Detail

Item	Description
A	2"x2" Horizontal Stud
A	2"x2" Air Vent Frame
A	2"x2" Base Frame
B, C	2"x2" Vertical Stud



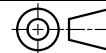
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.XXX = ±.00-
.XXXX = ±.000-
ANGULAR = ± °
FRACTIONAL = ±

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
REMOVE BURRS

THIRD ANGLE PROJECTION



	NAME	DATE
DRAWN	Rica Abing	10/15/2024
CHECKED	Kevin Roberts	
APPROVED		

MATERIAL
Galvanized Steel

FINISH

Roberts Ranch Hoophouses

TITLE
16' Wide Gothic Hightunnel Back
View (Metal Framing - New Design)

SIZE	DWG NO.	REV.
A	G16-6	C
SCALE 1:40	WEIGHT	SHEET 6 of 9

WIND LOAD - 65 MPH
SNOW LOAD - 30 PSF

2

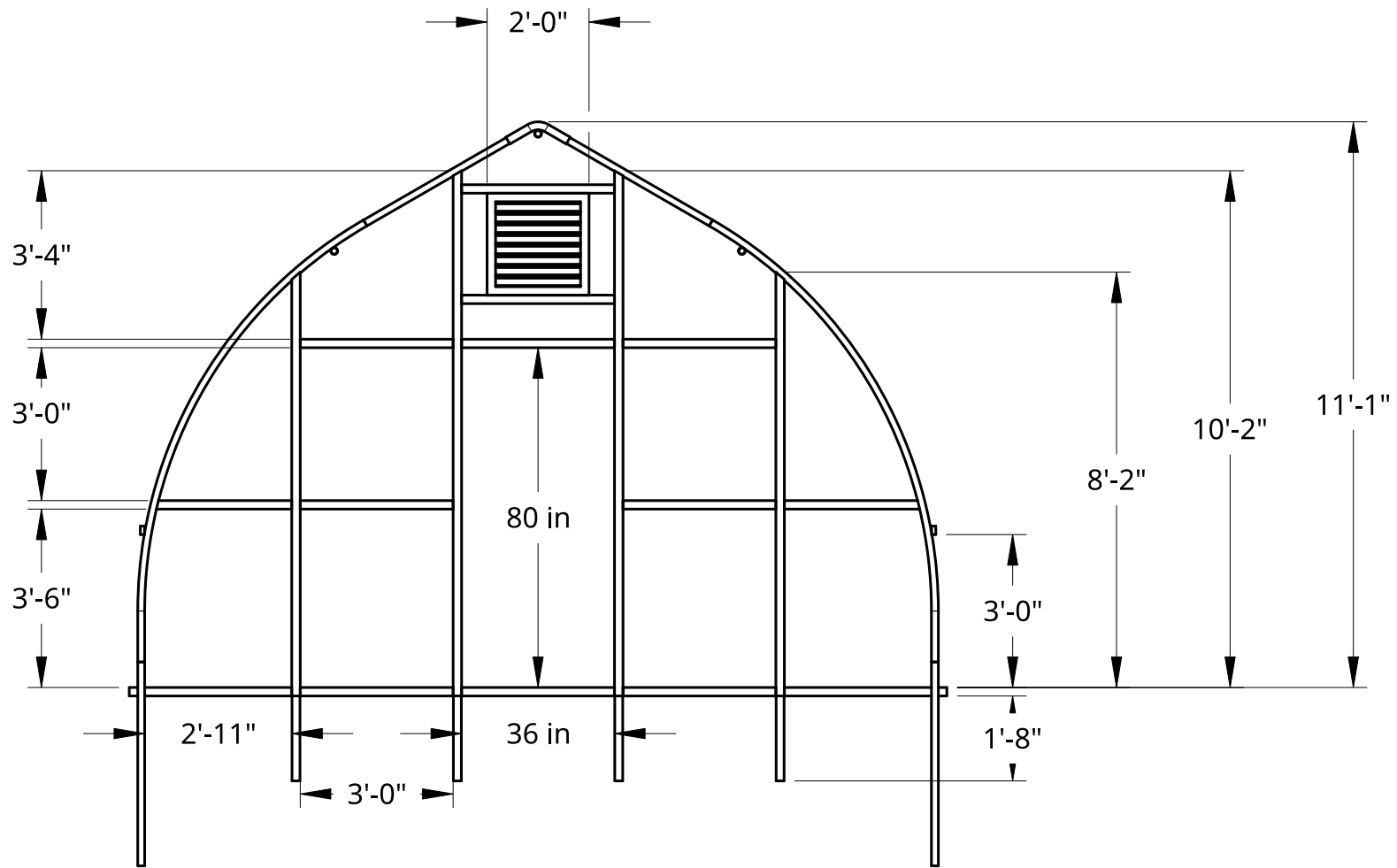
1

B

A

B


B



A

A

WIND LOAD - 65 MPH
 SNOW LOAD - 30 PSF

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- SURFACE FINISH ✓ DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS THIRD ANGLE PROJECTION		NAME Rica Abing	DATE 10/10/2024	Roberts Ranch Hoophouses	
DRAWN		CHECKED Kevin Roberts	APPROVED	TITLE 16' Wide Gothic Hightunnel Dimensional Back View (Metal Framing - New Design)	
MATERIAL Galvanized Steel		FINISH		SIZE A	DWG NO. G16-7
		SCALE 1:40		WEIGHT	SHEET 7 of 9
				REV. C	

2

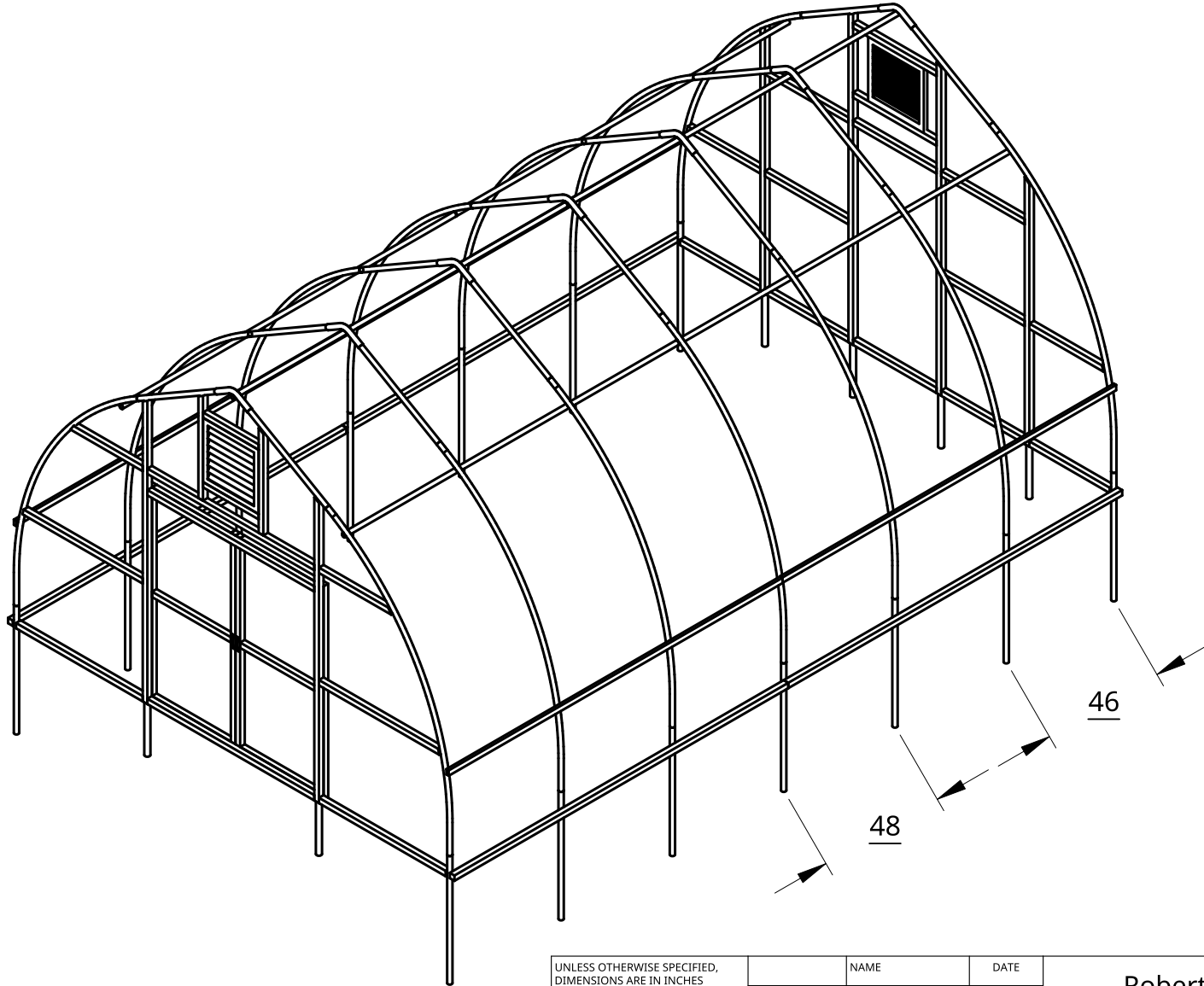
1

B

A

B

A



WIND LOAD - 65 MPH
 SNOW LOAD - 30 PSF

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000- SURFACE FINISH		NAME	DATE	Roberts Ranch Hoophouses	
DO NOT SCALE DRAWING	DRAWN	Rica Abing	10/15/2024	TITLE	
BREAK ALL SHARP EDGES AND REMOVE BURRS	CHECKED	Kevin Roberts		16' Wide Gothic Hightunnel Isometric View (Metal Framing - New Design)	
THIRD ANGLE PROJECTION 	APPROVED			SIZE	REV.
	MATERIAL	Galvanized Steel		A	C
	FINISH			DWG NO.	G16-8
		SCALE	1:50	WEIGHT	SHEET 8 of 9

2

1

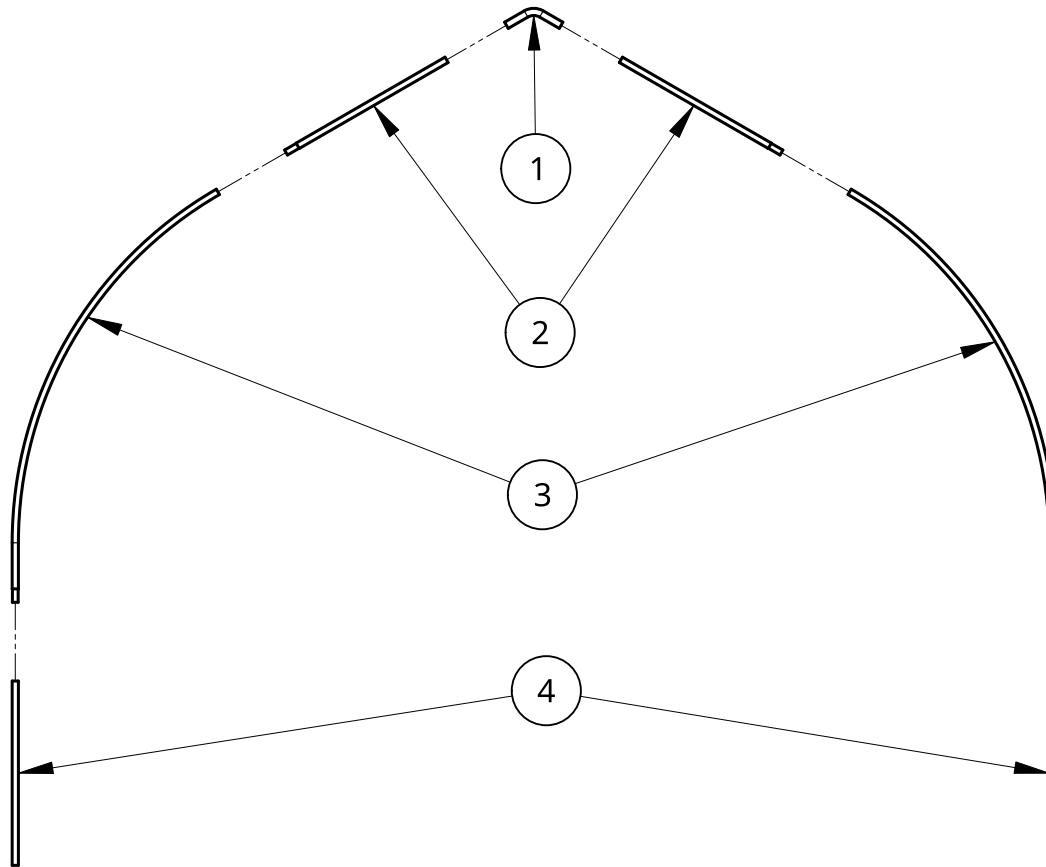
2

1

2

1

Item	Quantity	Description
1	1	1.875" OD Peak
2	2	1.625" OD Truss
3	2	1.625" OD Arc
4	2	1.625" OD Post



B

B

A

A

2

1

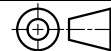
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.XX = ±.0-
.XXX = ±.00-
.XXXX = ±.000-
ANGULAR = ± °
FRACTIONAL = ±

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
REMOVE BURRS

THIRD ANGLE PROJECTION



	NAME	DATE
DRAWN	Rica Abing	10/08/2024
CHECKED	Kevin Roberts	
APPROVED		

MATERIAL	FINISH
Galvanized Steel	

Roberts Ranch Hoophouses

TITLE
16' Wide Gothic Hightunnel
Arch Exploded View (New Design)

SIZE	DWG NO.	REV.
A	G16-9	C
SCALE 1:50	WEIGHT	SHEET 9 of 9