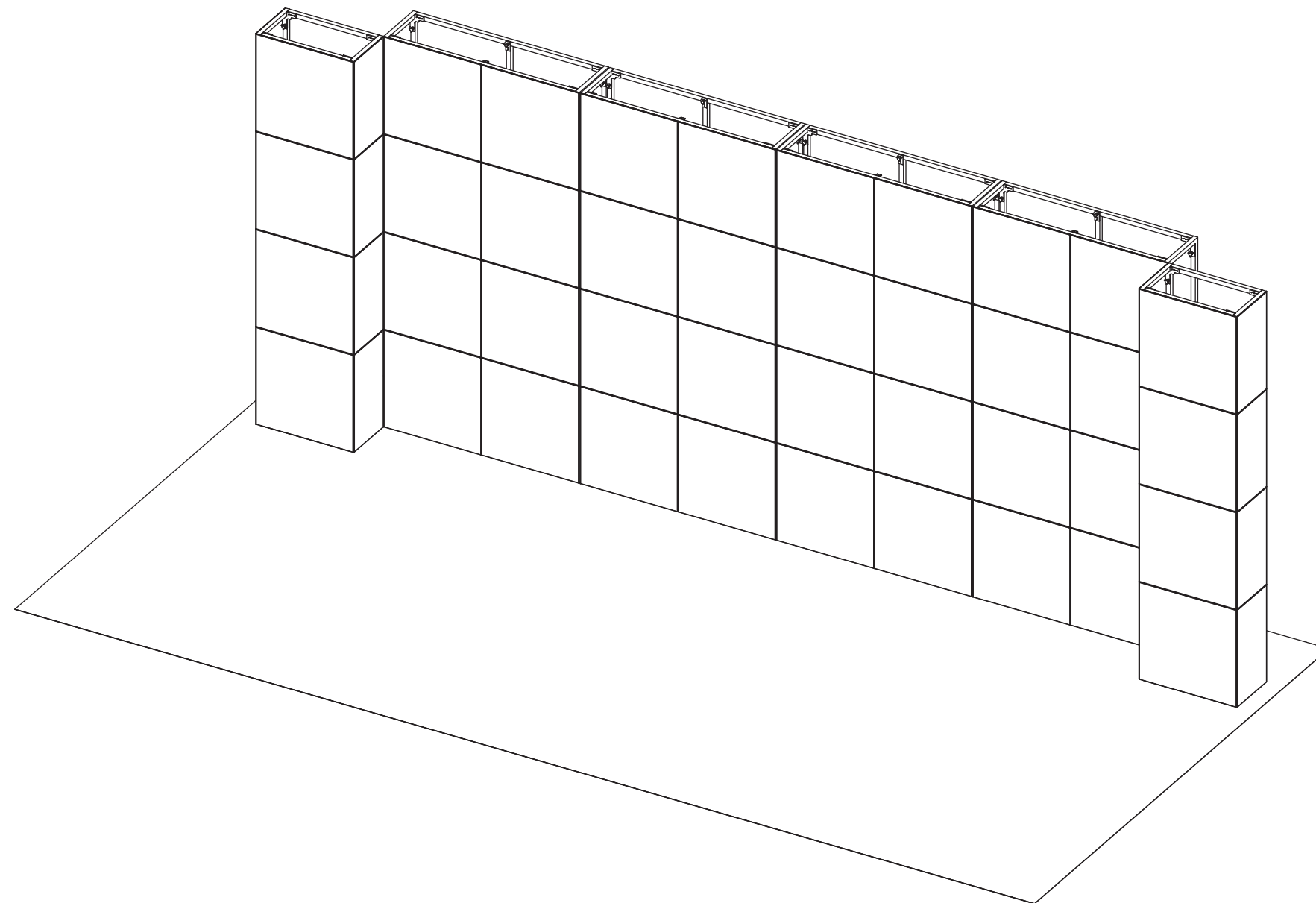# WHEN ASSEMBLING EXPO MultiQuad®

REMEMBER YOUR ABC's...

ASSEMBLE EACH COMPONENT SEPARATELY
BUILD THE DESIRED LAYOUT
COVER YOUR MULTIQUAD LAYOUT WITH QUADS

Drawn By: SH

Project Title

MultiQuad
An ExpoDisplays Product

MQ - K2140

Sheet Title

ASSEMBLY INSTRUCTIONS

COVER SHEET

EXPO MultiQuad®
An ExpoDisplays Product

MQ - K2140
20'x10' Custom MultiQuad

Page 1

EXPO **MultiQuad**®
AnExpoDisplaysProduct

ELECTRICAL DROP
500 Watts

BACK OF DISPLAY

SIDE OF DISPLAY

SIDE OF DISPLAY
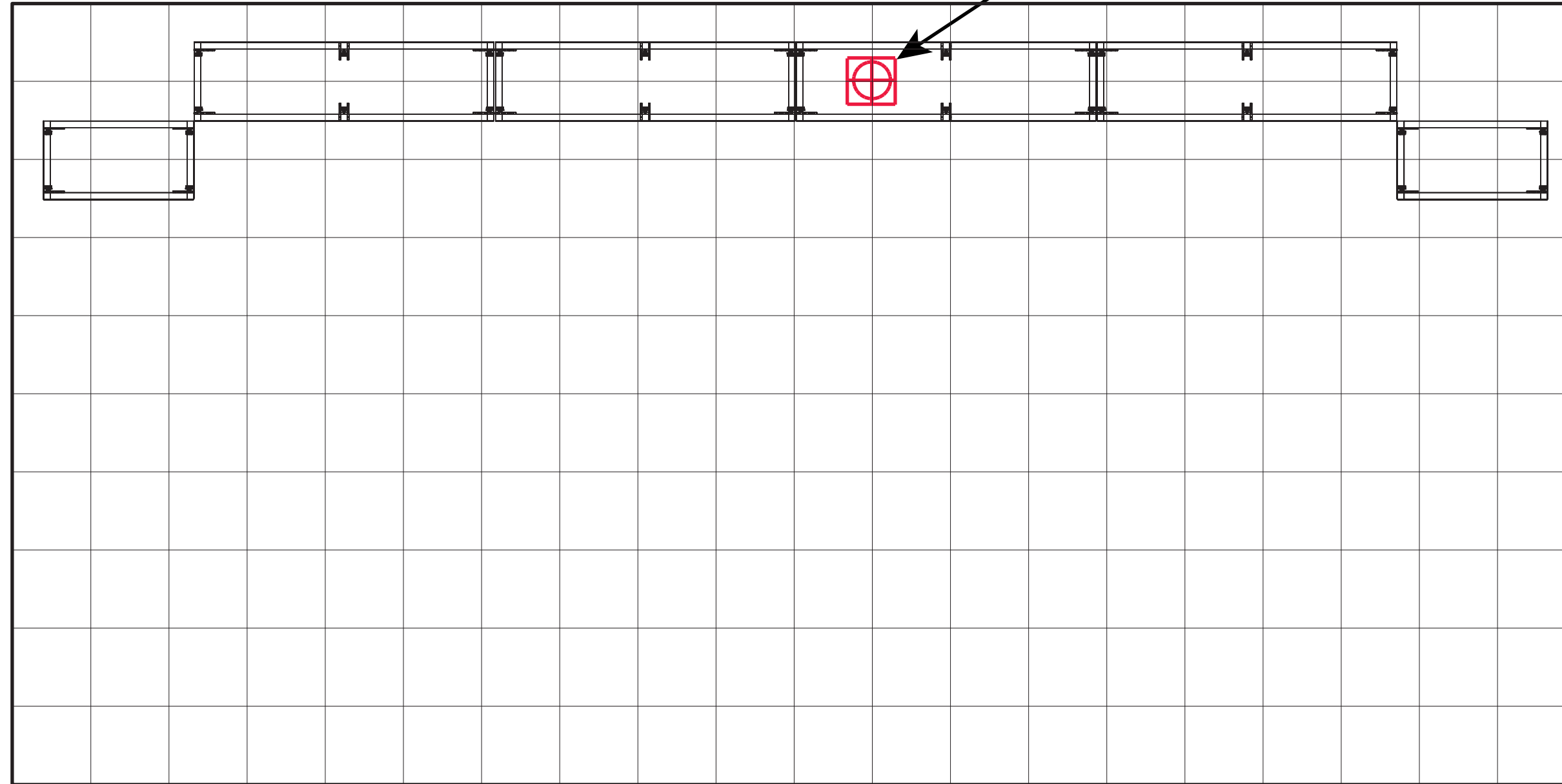
FRONT OF DISPLAY

1 Square = 1'- 0"

Project Title

EXPO **MultiQuad**®
AnExpoDisplaysProduct

MQ - K2140

Sheet Title

ASSEMBLY INSTRUCTIONS

ELECTRICAL PLAN

Page 2

MQ-F24
2x4 STANDARD FRAME
THIS PART USED TO MAKE
2x4 STANDARD TOWER
(SEE APPENDIX B)

MQ-F24
2x4 STANDARD FRAME
THIS PART USED TO MAKE
2x4 STANDARD TOWER
(SEE APPENDIX B)

MQ-F24
2x4 STANDARD FRAME
THIS PART USED TO MAKE
2x4 STANDARD TOWER
(SEE APPENDIX B)

MQ-F24
2x4 STANDARD FRAME
THIS PART USED TO MAKE
2x4 STANDARD TOWER
(SEE APPENDIX B)

MQ-F14
1x4 STANDARD FRAME
THIS PART USED TO MAKE
1x4 STANDARD TOWER
(SEE APPENDIX D)

MQ-F14
1x4 STANDARD FRAME
THIS PART USED TO MAKE
1x4 STANDARD TOWER
(SEE APPENDIX D)

PARTS LIST:

#	LABEL	NAME
2	MQ-F14 1x4 STANDARD FRAME THIS PART USED TO MAKE	1x4 STANDARD TOWER
4	MQ-F24 2x4 STANDARD FRAME THIS PART USED TO MAKE	2x4 STANDARD TOWER

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3401 Mary Taylor Road
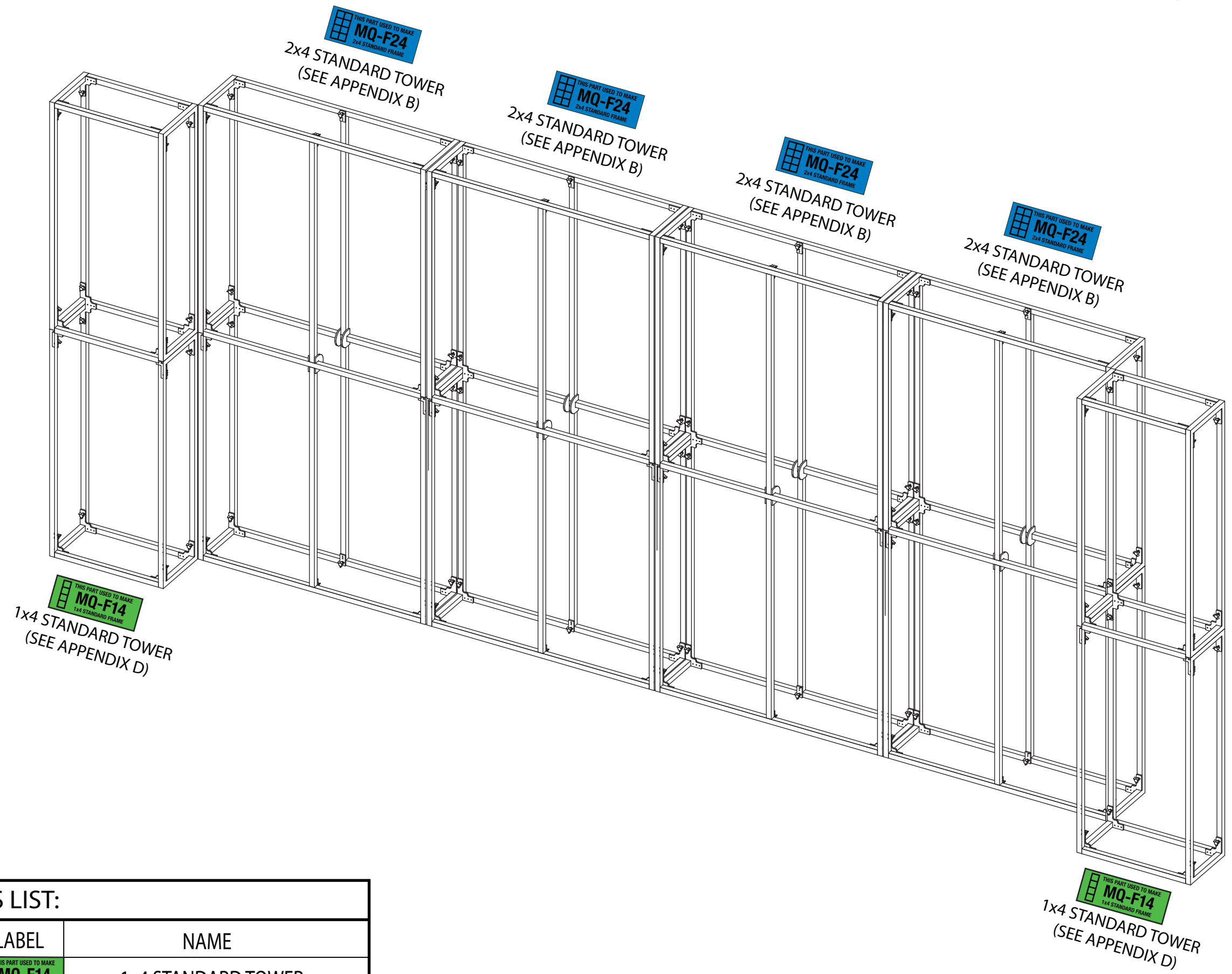Birmingham, Alabama 35235
(205) 439-8200

Drawn By: SH

Project Title

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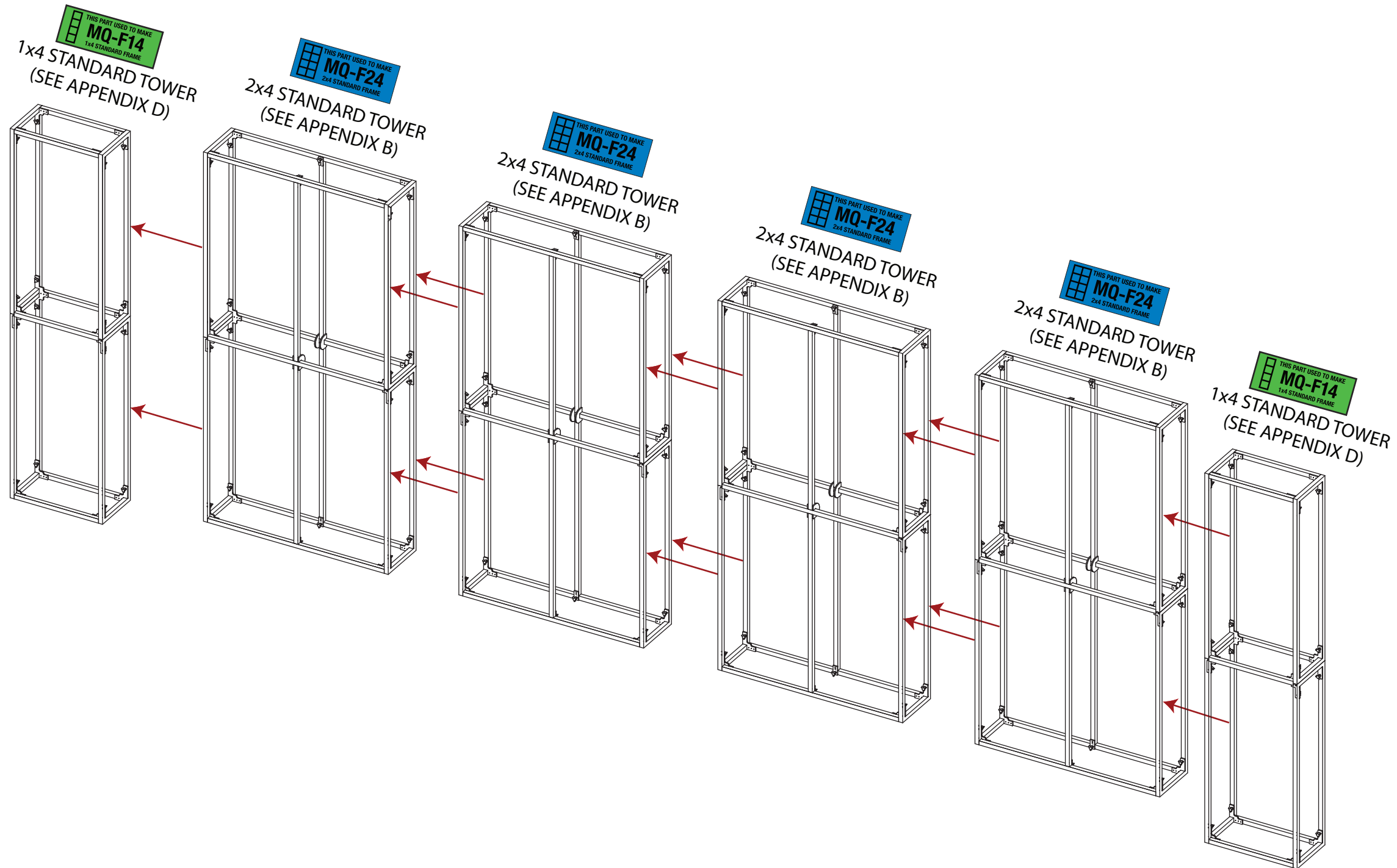EXPO
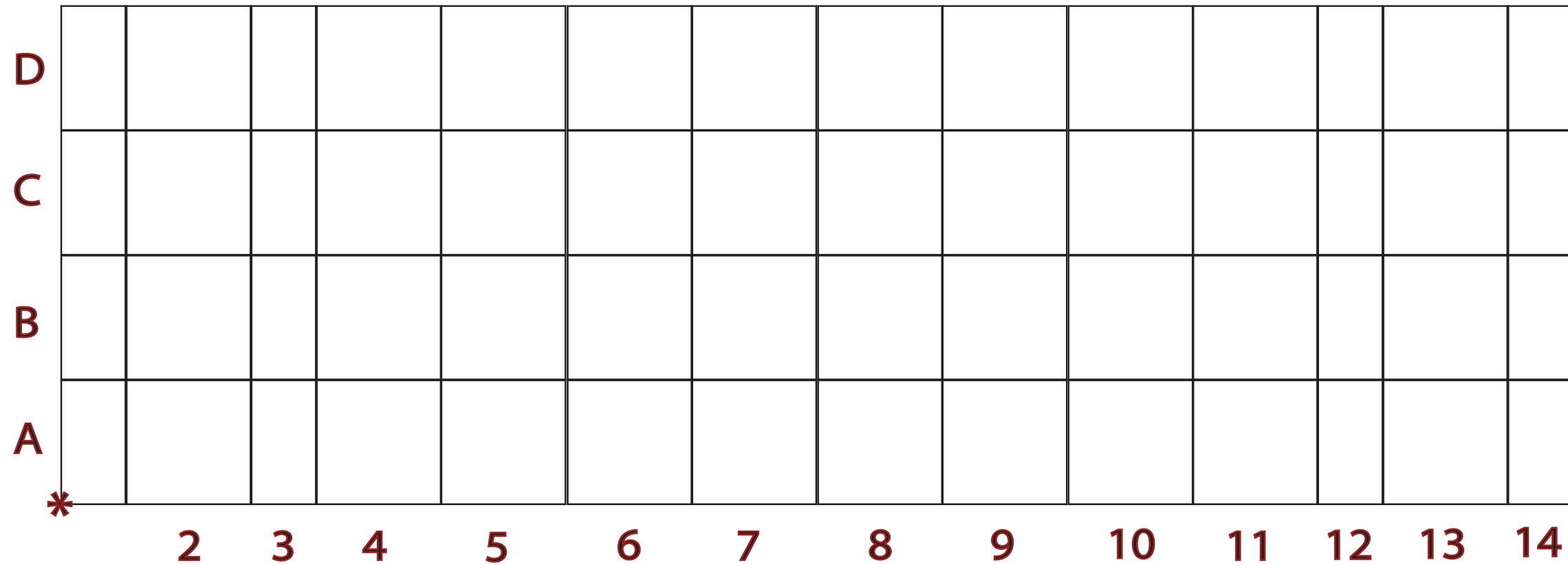
MQ - K2140

Sheet Title

ASSEMBLY
INSTRUCTIONS

DESIRED LAYOUT

1. PLACE THE FAR LEFT TOWER INTO THE DESIRED LOCATION
2. SLIDE ADJACENT TOWER INTO PLACE AND ATTACH USING
   THE CORNER CONNECTORS AND RED THUMB SCREWS
   (SEE APPENDIX A)
3. REPEAT STEP 2 UNTIL ALL THE FRAMES ARE JOINED TOGETHER
4. ATTACH ANY AND ALL ACCESSORIES

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THIS PART USED TO MAKE
MQ-F14
1x4 STANDARD FRAME
1x4 STANDARD TOWER
(SEE APPENDIX D)

THIS PART USED TO MAKE
MQ-F24
2x4 STANDARD FRAME
2x4 STANDARD TOWER
(SEE APPENDIX B)

THIS PART USED TO MAKE
MQ-F24
2x4 STANDARD FRAME
2x4 STANDARD TOWER
(SEE APPENDIX B)

THIS PART USED TO MAKE
MQ-F24
2x4 STANDARD FRAME
2x4 STANDARD TOWER
(SEE APPENDIX B)

THIS PART USED TO MAKE
MQ-F24
2x4 STANDARD FRAME
2x4 STANDARD TOWER
(SEE APPENDIX B)

THIS PART USED TO MAKE
MQ-F14
1x4 STANDARD FRAME
1x4 STANDARD TOWER
(SEE APPENDIX D)

Drawn By: SH

Project Title

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Sheet Title

ASSEMBLY
INSTRUCTIONS
EXPLODED LAYOUT

Page 4

MAIN WALL FLATTEN ELEVATION

D
C
B
A
✱
2 3 4 5 6 7 8 9 10 11 12 13 14
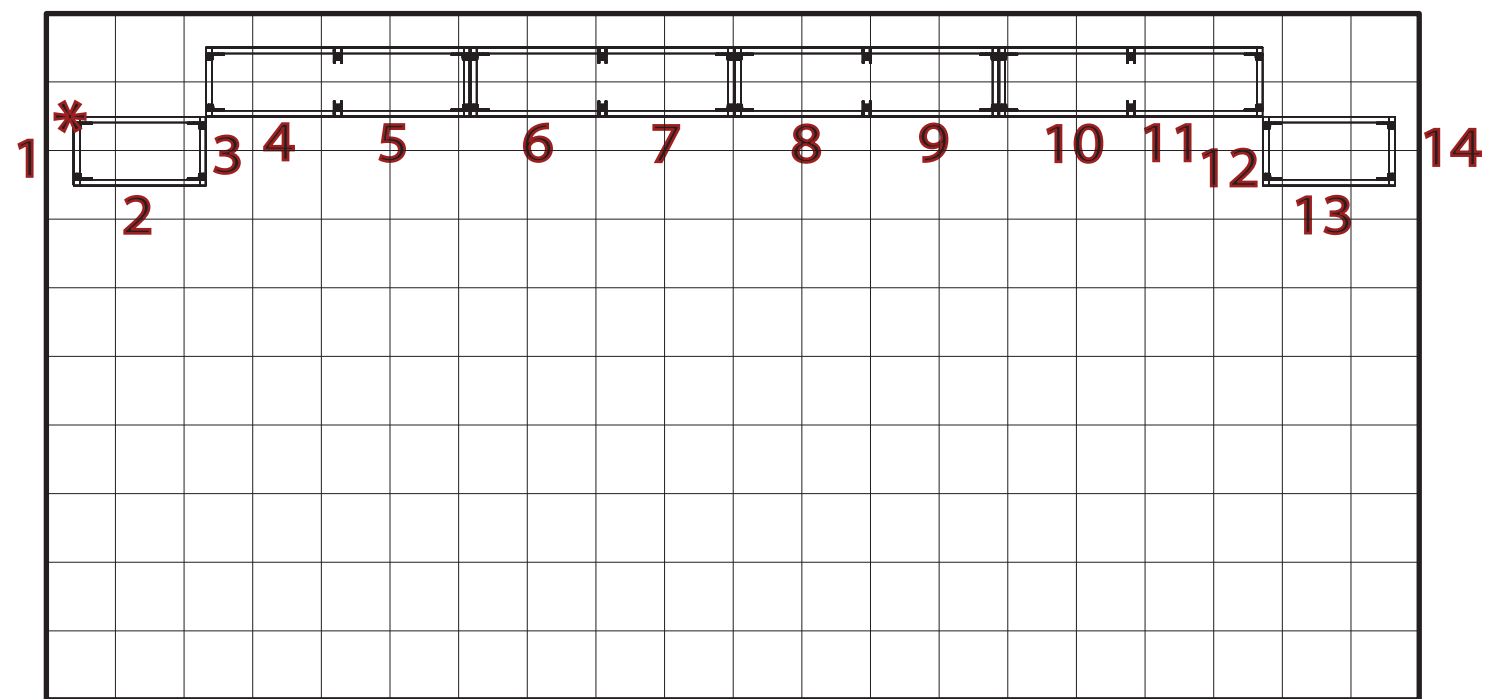
PARTS LIST:		
#	SIZE	NAME
40	23x23	STANDARD QUAD
16	12x23	SIDE QUAD

1 ✱
2 3 4 5 6 7 8 9 10 11 12 14
13

✱ = ORIGIN

Plan View

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Project Title

MQ - K2140

Sheet Title

GRAPHICS LAYOUT

ASSEMBLY INSTRUCTIONS

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An ExpoDisplaysProduct

MQ-CLMP SUPPLEMENTAL CONNECTOR INSTRUCTIONS
(NOT REQUIRED IN EVERY CONFIGURATION)

MQ-CLMP (SUPPLEMENTAL CONNECTOR)
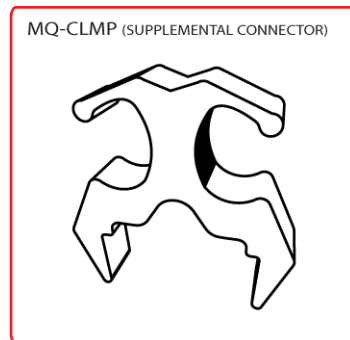
THE MQ-CLMP IS A FRICTION-FIT (SLIDES ON) CONNECTOR/ ALIGNMENT TOOL FOR USE IN ABNORMAL MULTIQUAD FRAME CONFIGURATIONS, OR AS ADDITIONAL FRAME SECURITY IN SPECIAL SITUATIONS.

THE MQ-CLMP SIMPLY SLIDES OVER THE MULTIQUAD FRAME WHERE NEEDED

HERE THEY ARE USED TO SECURE A PERPENDICULAR FRAME-TO-FRAME CONFIGURATION
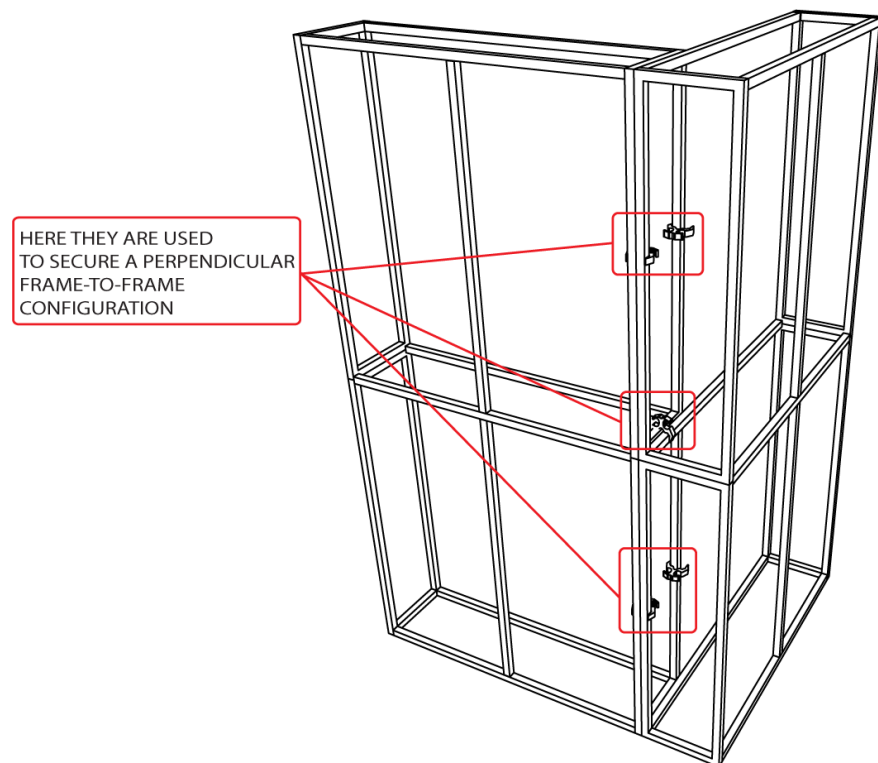
MQ-BTW CORNER ALIGNMENT TOOL INSTRUCTIONS
(NOT REQUIRED IN EVERY CONFIGURATION)

MQ-BTW (CORNER CONNECTOR)
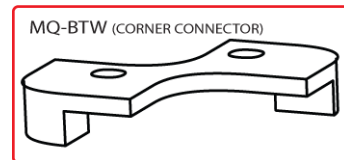
THE MQ-BTW CORNER ALIGNMENT TOOL IS DESIGNED TO AID IN THE ALIGNMENT OF FRAMES AS NEEDED IN SOME MULTIQUAD CONFIGURATIONS.

AFTER TWO MULTIQUAD FRAMES ARE SET "CORNER-TO-CORNER" THE MQ-BTW SIMPLY SLIDES OVER THE CORNER AND SETTLES INTO PLACE. THIS, ALONG WITH THE ADJUSTMENT OF THE LEVELING FEET, WILL HELP WITH THE ALIGNMENT OF THE FRAMES
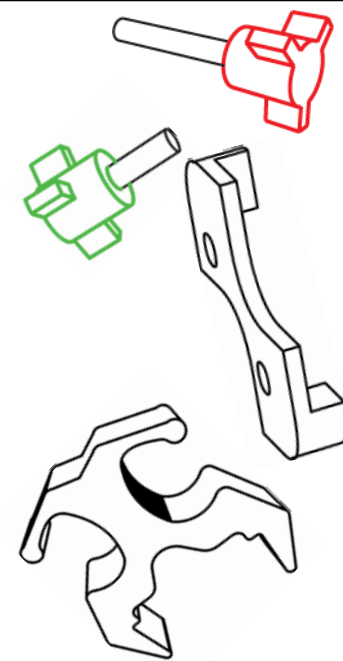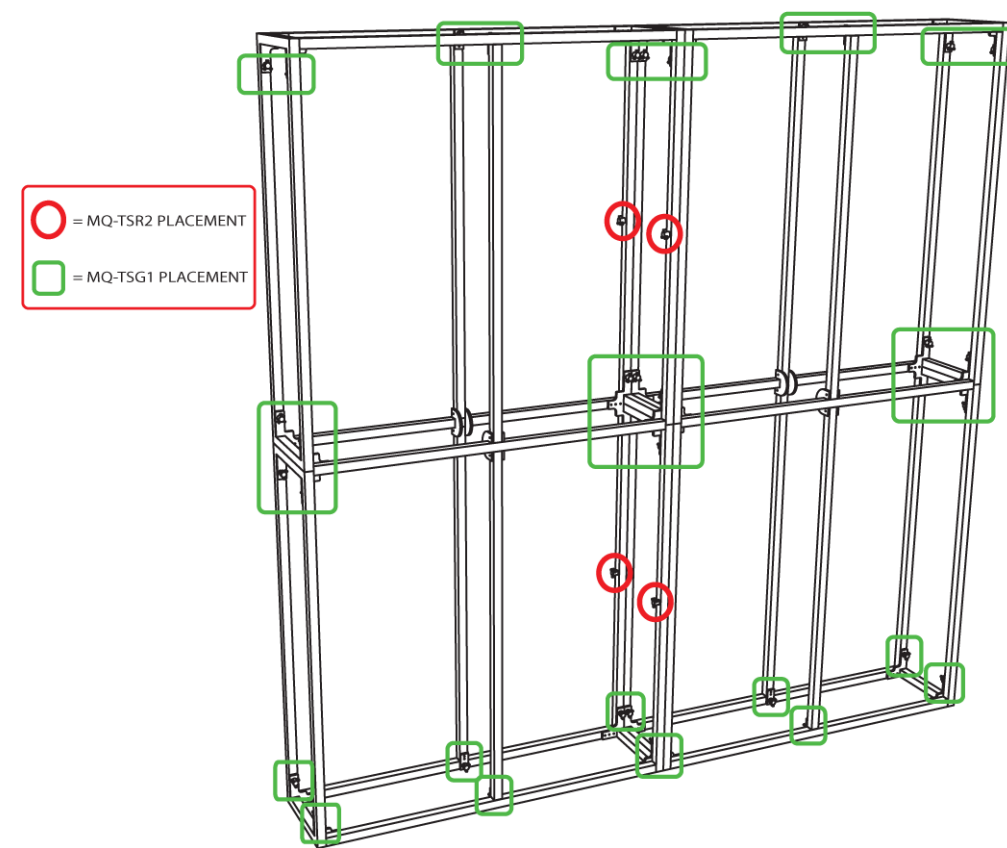
MQ-BTW (CORNER CONNECTOR)
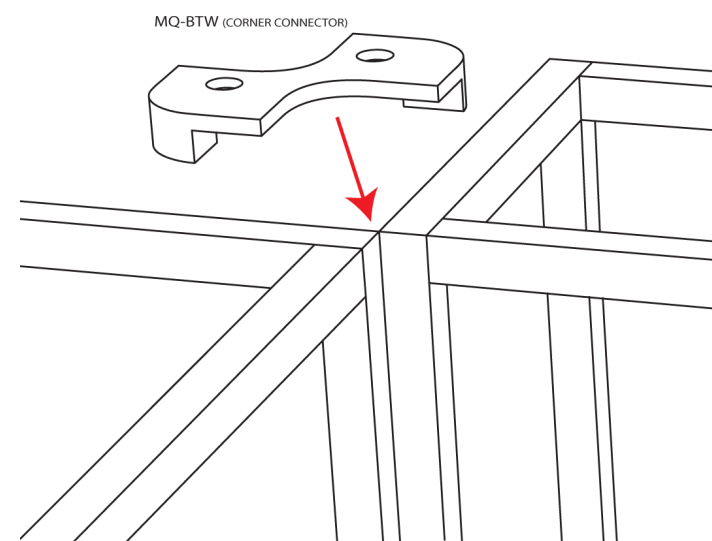
MQ-TSR2 / MQ-TSG1 THUMB SCREW INSTRUCTION

MQ-TSR2 (2" RED THUMB SCREW)

MQ-TSG1 (1" GREEN THUMB SCREW)
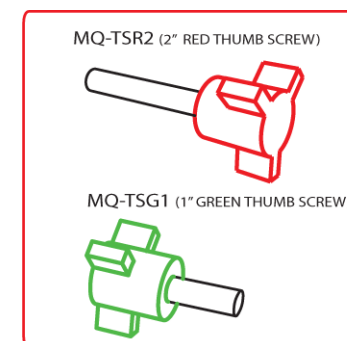
THE MQ-TSR2 IS A 2" RED THUMB SCREW. IT IS USED TO CONNECT MULTIQUAD FRAMES INTO AN INLINE CONFIGURATION. MULTIQUAD FRAMES HAVE A LEFT AND A RIGHT SIDE AFTER CONSTRUCTION. THESE SCREWS PASS THROUGH ONE FRAME AN SCREW INTO ANOTHER ADJACENT FRAME.

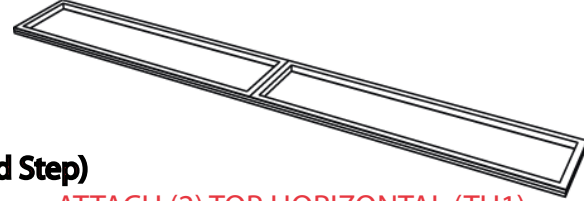THE MQ-TSG1 IS A 1" GREEN SCREW. THEY ARE USED TO ASSEMBLE MOST MULTIQUAD FRAMES

◯ = MQ-TSR2 PLACEMENT

▢ = MQ-TSG1 PLACEMENT

Sheet Title

ASSEMBLY INSTRUCTIONS

CONNECTORS & ALIGNMENT TOOLS

APPENDIX A

PARTS LIST:

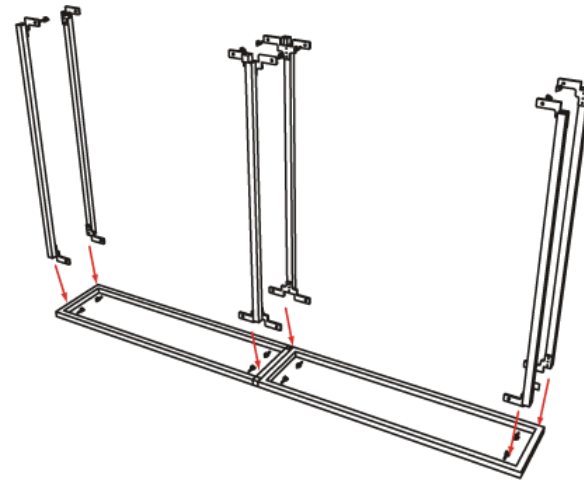| #	LABEL	NAME
1	LVH1	LEFT VERTICAL HINGED
1	RVH1	RIGHT VERTICAL HINGED
2	BH1	BOTTOM HORIZONTAL
2	MH1	MIDDLE HORIZONTAL
2	TH1	TOP HORIZONTAL
2	CVH1	CENTER VERTICAL HINGED
20	GRN	1"THUMB SCREWS
4	RED	2"THUMB SCREWS

1st Step)

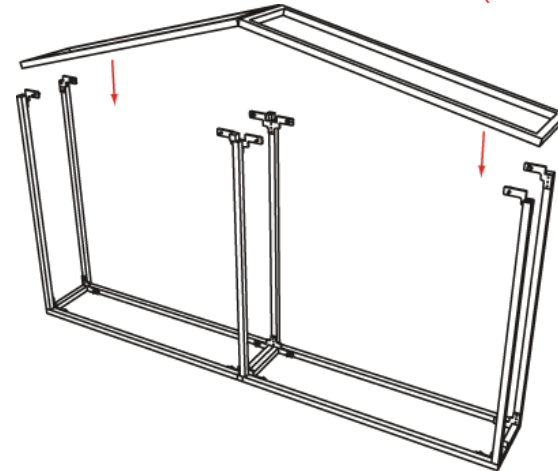START WITH THE LEFT VERTICAL HINGE (LVH1) ON THE GROUND

2nd Step)

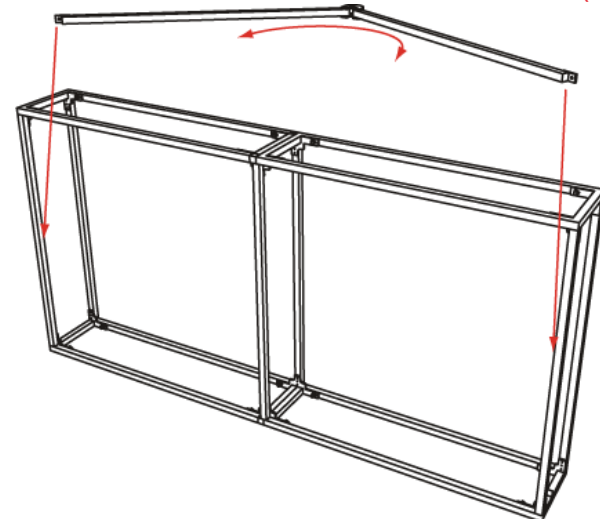ATTACH (2) TOP HORIZONTAL (TH1), (2) MIDDLE HORIZONTAL (MH1), (2) BOTTOM HORIZONTAL (BH1)

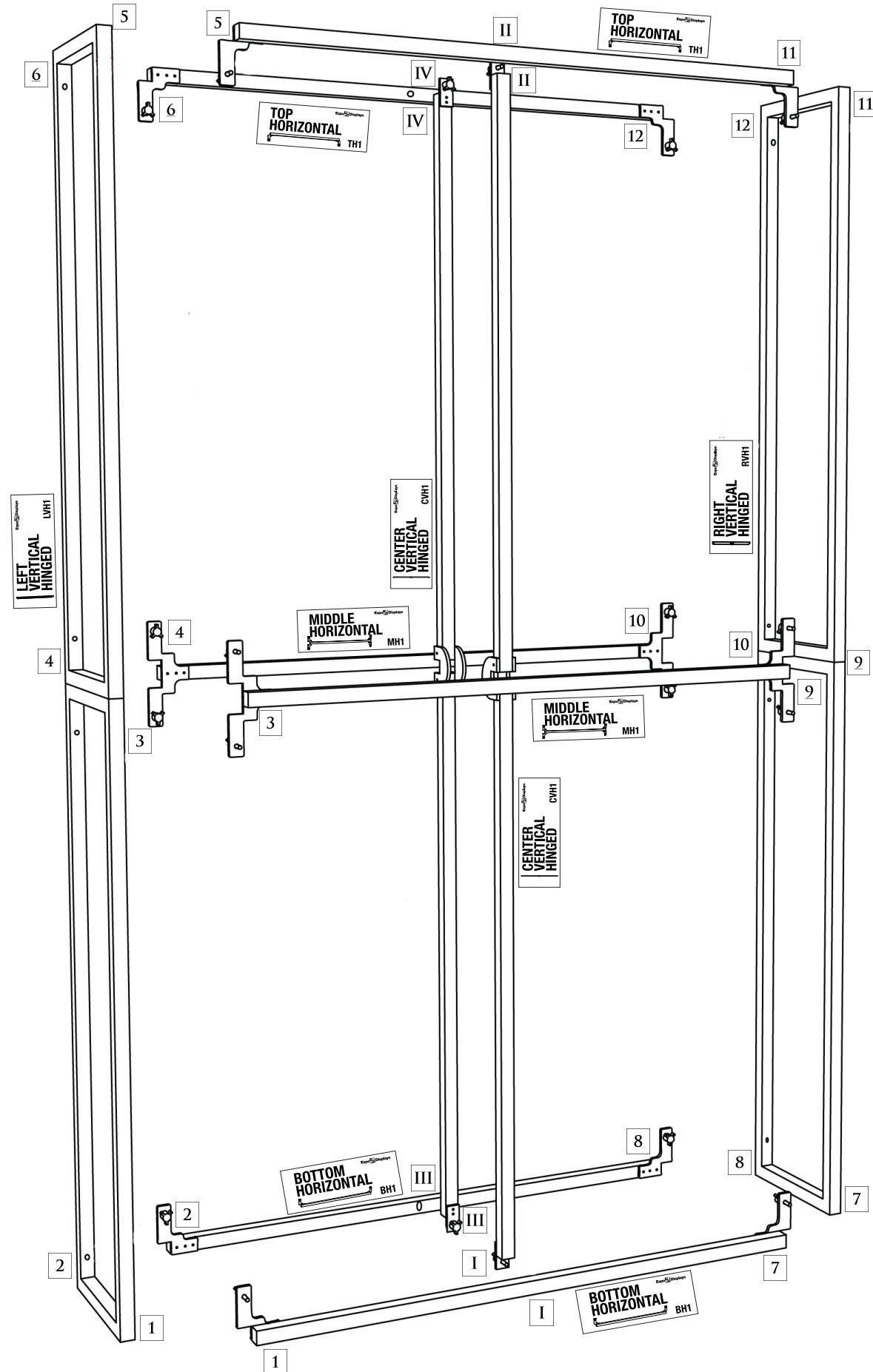**3rd Step)**

ATTACH THE RIGHT HINGED SIDE (RVH1)

4th Step)

ATTACH THE CENTER VERTICAL HINGED (CVH1)

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*MATCH NUMBERS TO CONSTRUCT.

THIS PART USED TO MAKE
MQ-F24
2x4 STANDARD FRAME

Sheet Title

ASSEMBLY INSTRUCTIONS
2x4 STANDARD FRAME MQ-F24

APPENDIX B

PARTS LIST:

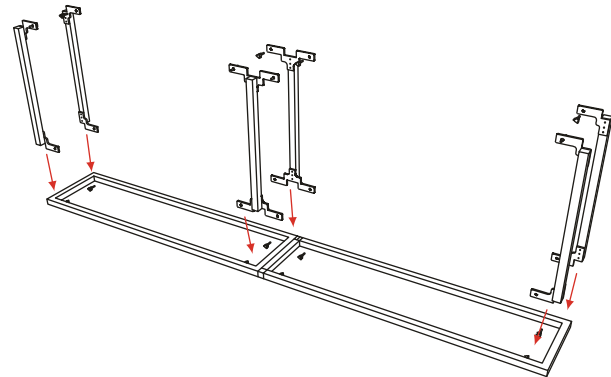| #	LABEL	NAME
1	LVH1	LEFT VERTICAL HINGED
1	RVH1	RIGHT VERTICAL HINGED
2	BH2	BOTTOM HORIZONTAL
2	MH2	MIDDLE HORIZONTAL
2	TH2	TOP HORIZONTAL
16	GRN	1" THUMB SCREWS
4	RED	2" THUMB SCREWS

1st Step)
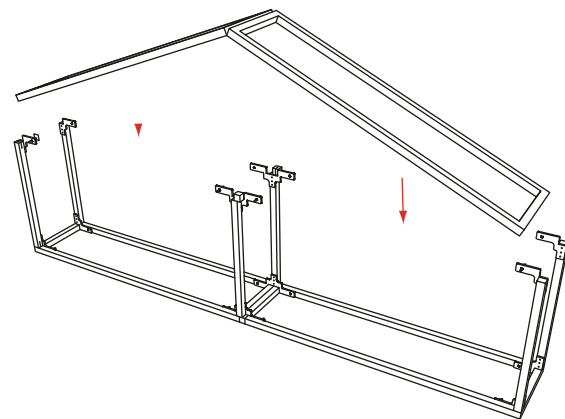START WITH THE LEFT VERTICAL HINGE (LVH1) ON THE GROUND
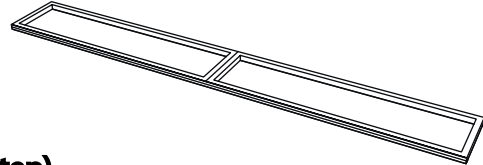
2nd Step)
ATTACH (2) TOP HORIZONTAL (TH1),
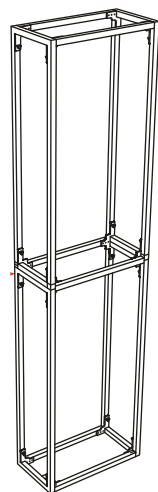(2) MIDDLE HORIZONTAL (MH1),
(2) BOTTOM HORIZONTAL (BH1)

3rd Step)
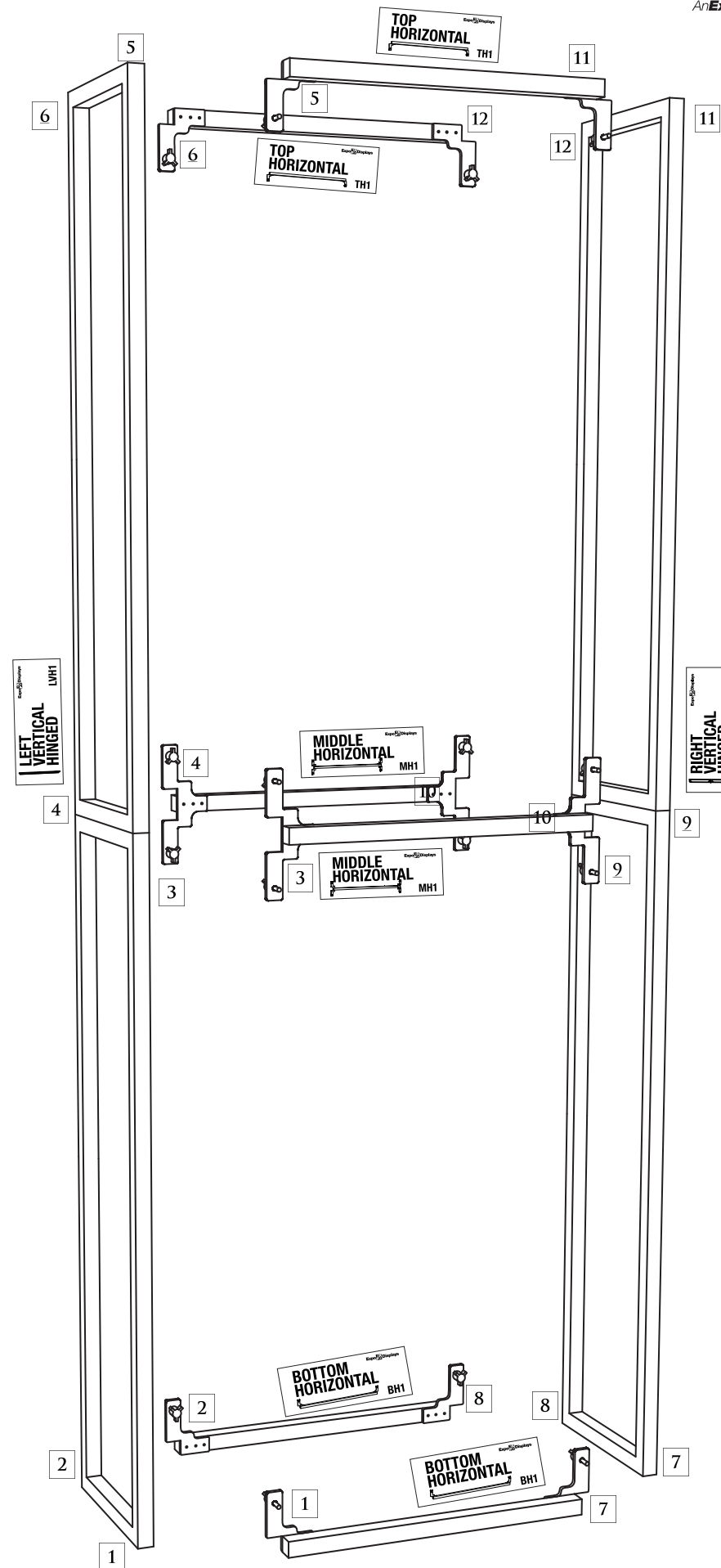ATTACH THE RIGHT HINGED SIDE (RVH1)

4th Step)
ATTACH THE CENTER VERTICAL HINGED (CVH1)

*MATCH NUMBERS TO CONSTRUCT.

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Drawn By: AKHIII

THIS PART USED TO MAKE
MQ-F14
1x4 STANDARD FRAME

Sheet Title

ASSEMBLY INSTRUCTIONS
1x4 STANDARD TOWER
MQ-F14

APPENDIX D