

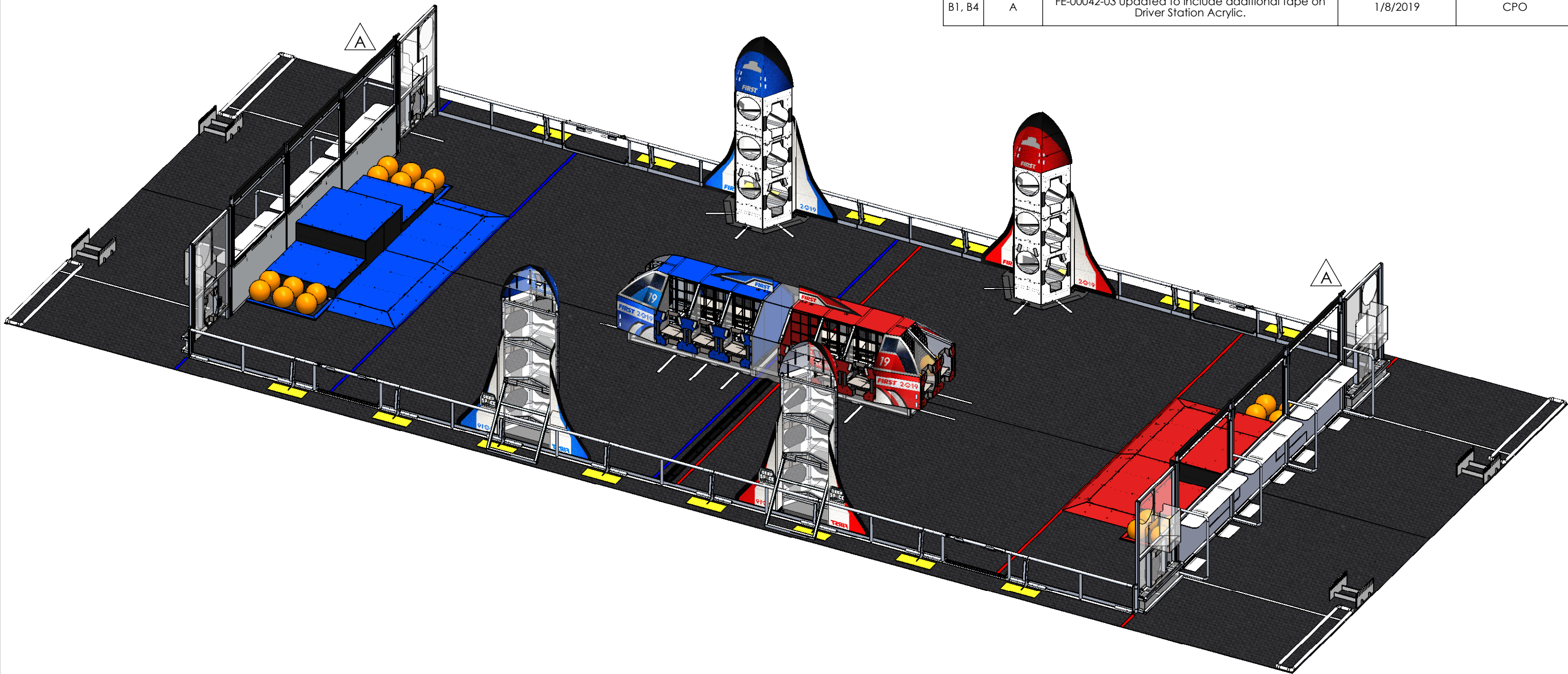
4

3

2

1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
B1, B4	A	FE-00042-03 updated to include additional tape on Driver Station Acrylic.	1/8/2019	CPO



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		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL $\pm 1/16$	ENG APPR.		
		ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$	MFG APPR.		
		TWO PLACE DECIMAL $\pm .01$	Q.A.		
		THREE PLACE DECIMAL $\pm .001$	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			



TITLE:
2019 Field Layout and Marking

SIZE	DWG. NO.	REV
B	FE-00042	A

SCALE: 1:192	WEIGHT:	SHEET 1 OF 5
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4

3

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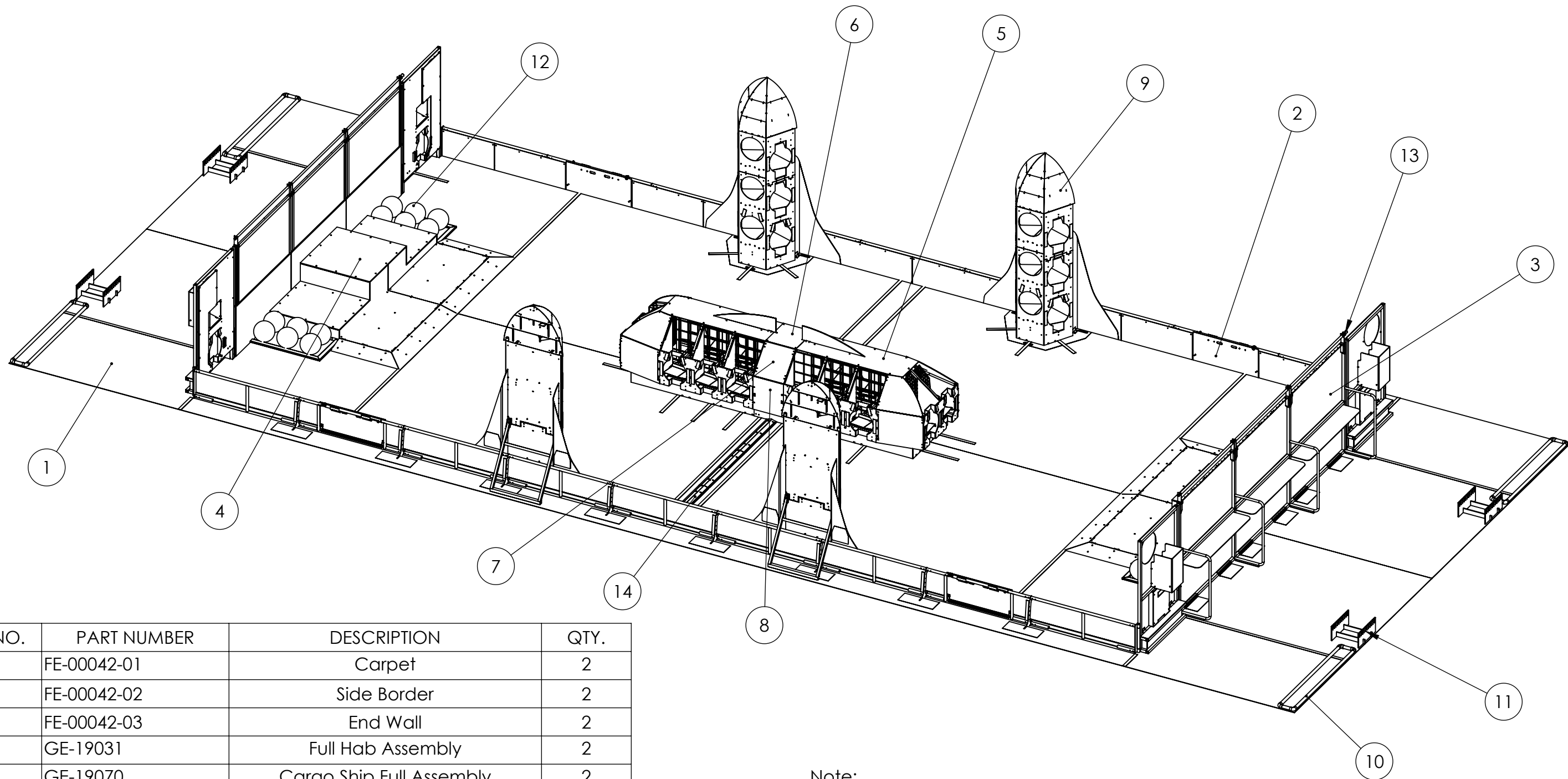
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2

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B

B





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FE-00042-01	Carpet	2
2	FE-00042-02	Side Border	2
3	FE-00042-03	End Wall	2
4	GE-19031	Full Hab Assembly	2
5	GE-19070	Cargo Ship Full Assembly	2
6	GE-19100	Bridge Plastic Top	1
7	GE-19101	Bridge Plastic Top Side	2
8	GE-19102	Bridge Plastic Side	2
9	GE-19121	Rocket Assembly	4
10	GE-19183	Cargo Hold Assembly	4
11	GE-19186	Panel Hold Assembly	4
12	GE-19187	Cargo	28
13	GE-19201	Shutter Assembly	2
14	GE-19227	Cable Protector Assembly	1

Note:
The actual quantity of CARGO and HATCH PANELS will vary based on which game pieces are pre-populated.

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		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED	
		MATERIAL		ENG APPR.	
		FINISH		MFG APPR.	
NEXT ASSY		USED ON		Q.A.	
APPLICATION		DO NOT SCALE DRAWING		COMMENTS:	



TITLE:
2019 Field Layout and Marking

SIZE
B

DWG. NO.
FE-00042

REV
A

SCALE: 1:192WEIGHT:

SHEET 2 OF 5

4

3

2

1

A

A

4

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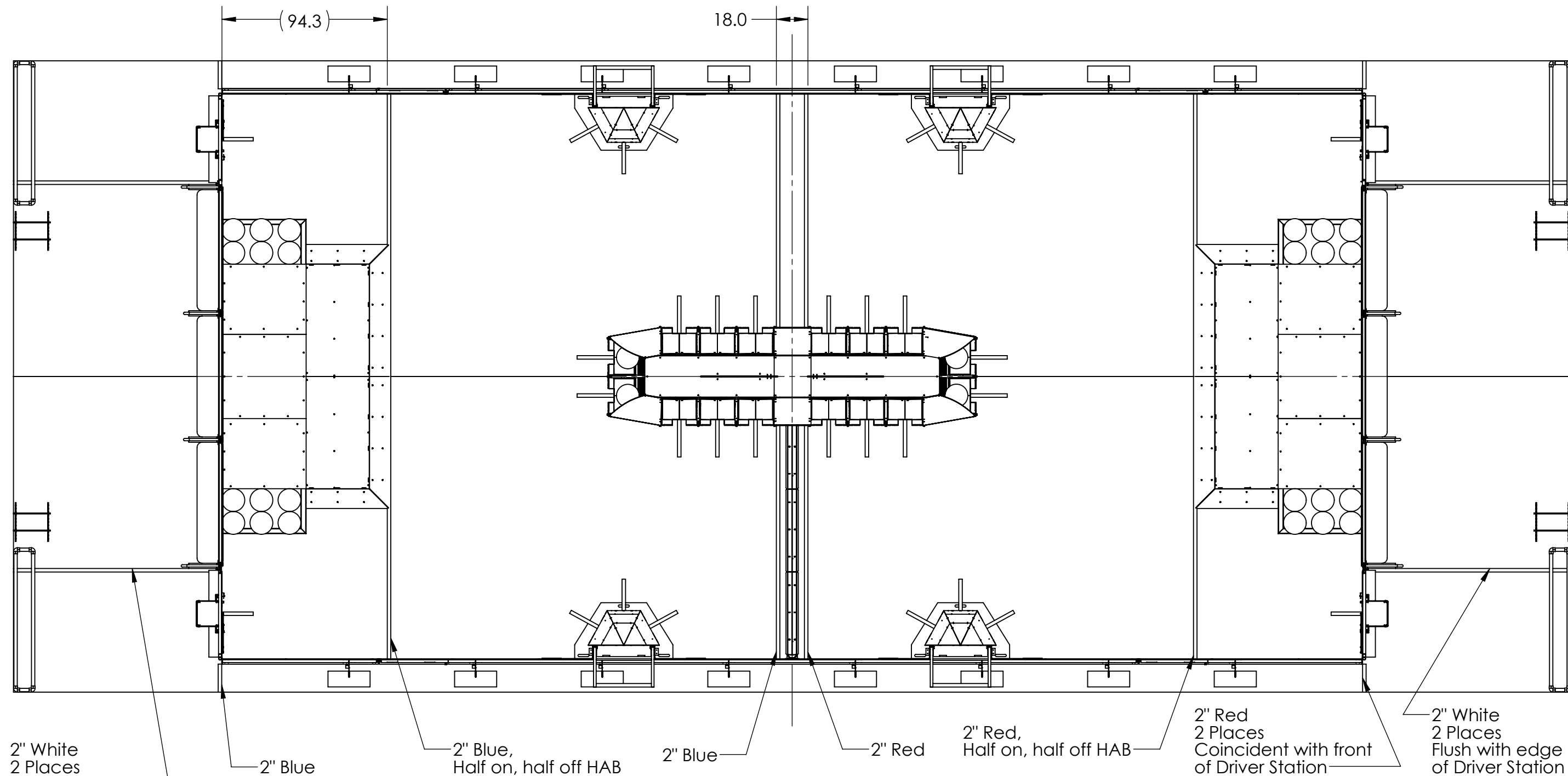
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ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$		MFG APPR.	
TWO PLACE DECIMAL $\pm .01$		Q.A.	
THREE PLACE DECIMAL $\pm .001$		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
FINISH			
NEXT ASSY	USED ON		
APPLICATION		DO NOT SCALE DRAWING	



FIRST
ROBOTICS
COMPETITION



TITLE:
**2019 Field Layout
and Marking**

SIZE DWG. NO. REV
B **FE-00042** **A**

SCALE: 1:192 WEIGHT: SHEET 3 OF 5

4

3

2

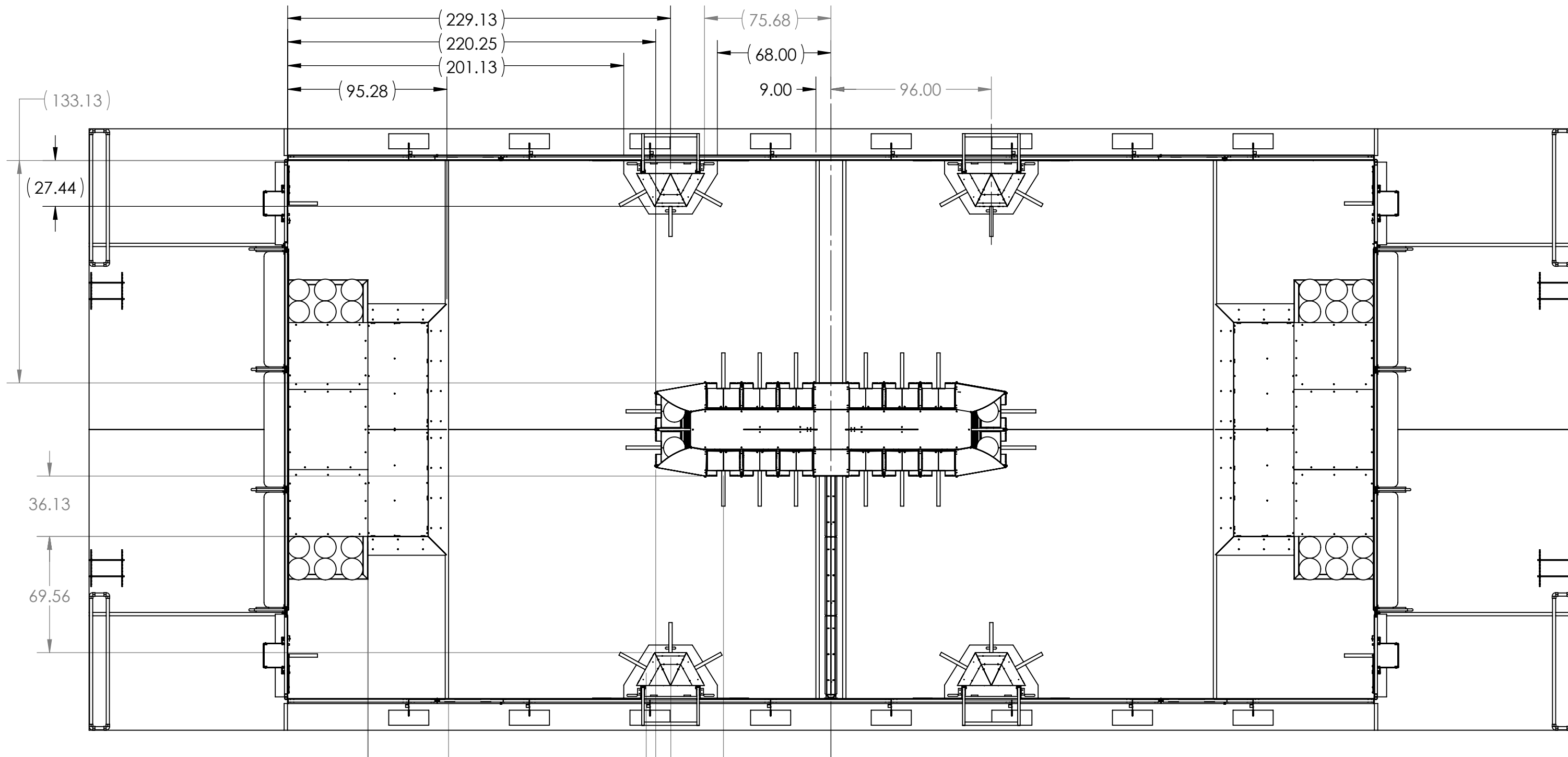
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B

B



A

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		INTERPRET GEOMETRIC			
		TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			



TITLE:
**2019 Field Layout
and Marking**

SIZE
B

DWG. NO.
FE-00042

REV
A

SCALE: 1:192WEIGHT:

SHEET 4 OF 5

4

3

2

1

(2X 27.00)

(2X 11.82)

(29.85)

20.45

2" x 23.38" White
12 Places2" x 25.63" White
4 Places

(21.75)

(10.88)

(2x 40.50)

(2x 21.75)

(2x 21.75)

2" x 23.38" White
4 Places

(2X 25.72)

2" x 18" White
12 Places

(18.35)

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ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

NEXT ASSY

USED ON

APPLICATION

DO NOT SCALE DRAWING

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:



TITLE:

2019 Field Layout and Marking

SIZE DWG. NO.

B FE-00042

REV

A

SCALE: 1:192

WEIGHT:

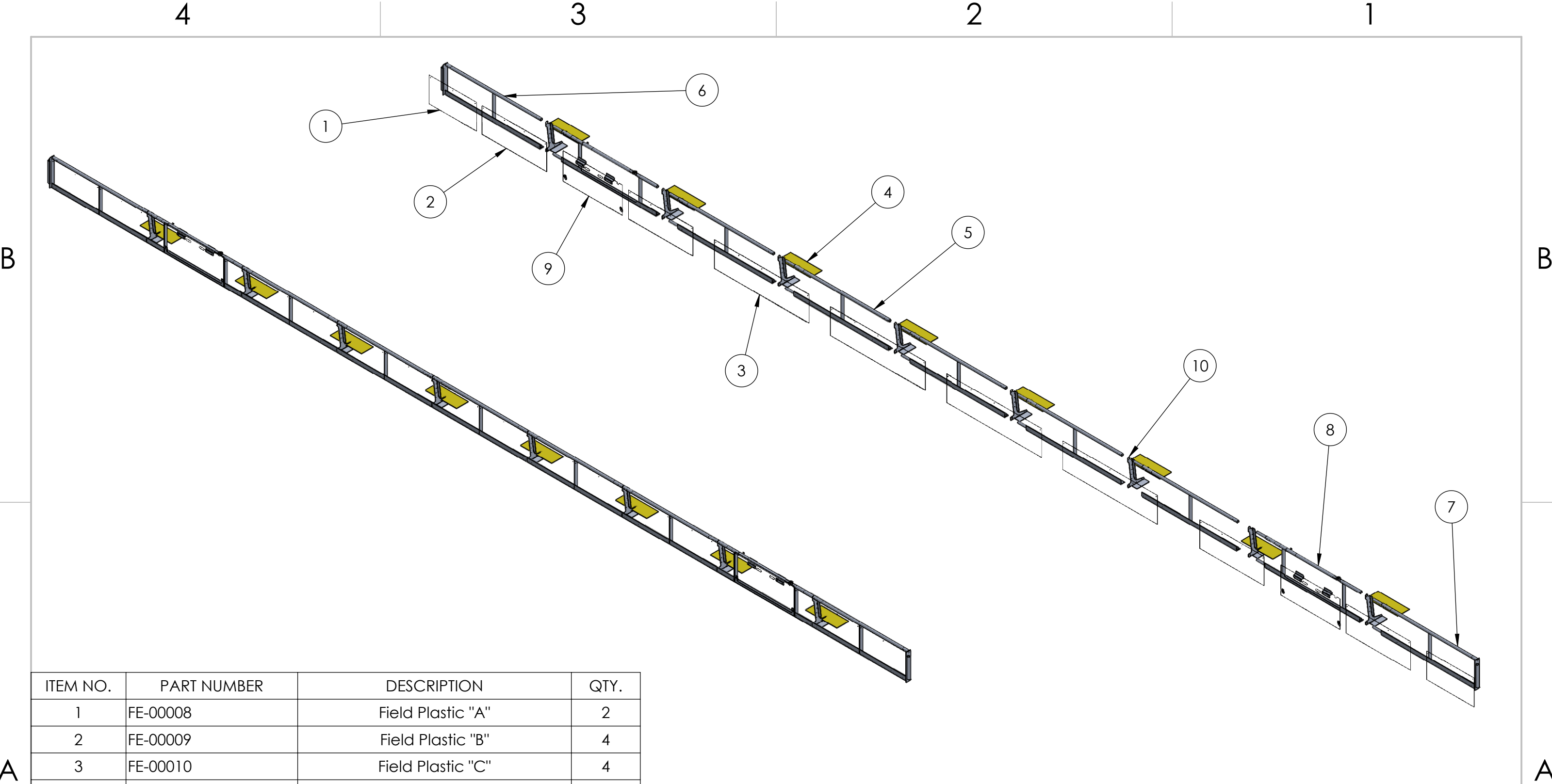
SHEET 5 OF 5

4

3

2



1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FE-00008	Field Plastic "A"	2
2	FE-00009	Field Plastic "B"	4
3	FE-00010	Field Plastic "C"	4
4	FE-00015	Trip Guard	8
5	FE-00022	Field Rail Assy - Mid	5
6	FE-00023	Field Rail Assy - Left	1
7	FE-00024	Field Rail Assy - Right	1
8	FE-00029	Field Gate, Assembly	2
9	FE-00047	Gate Plastic Assembly	2
10	FE-00050	Outrigger	8

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NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			



TITLE:

Side Border

SIZE
B

DWG. NO.
FE-00042-02

REV

SCALE: 1:96

WEIGHT:

SHEET 1 OF 1

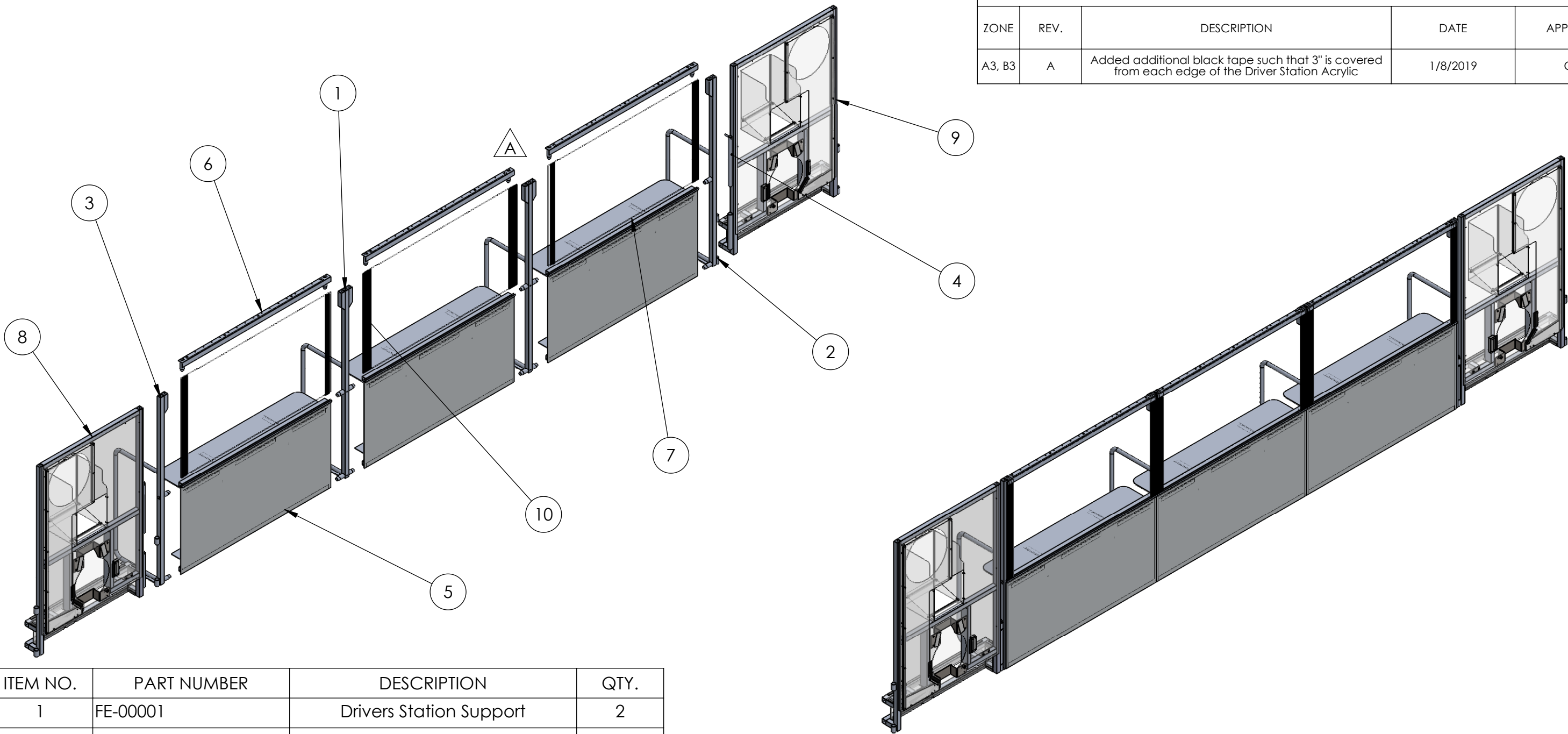
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2

1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A3, B3	A	Added additional black tape such that 3" is covered from each edge of the Driver Station Acrylic	1/8/2019	CPO



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FE-00001	Drivers Station Support	2
2	FE-00002	Corner Supports, Left	1
3	FE-00002_Right	Corner Supports, Right	1
4	FE-00003	Rail Pin Assy	2
5	FE-00004	End Panel	3
6	FE-00007	Field Top Rail	3
7	FE-00012	Drivers Station Acrylic	3
8	GE-19130	Feeder Station Assembly	1
9	GE-19155	Loading Station Assembly, Left	1
10	Tape_BlackDSWindow	Black Tape, DS Windows	10

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		TWO PLACE DECIMAL $\pm .01$	Q.A.		
		THREE PLACE DECIMAL $\pm .001$	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			
			TITLE: End Wall		
			SIZE B	DWG. NO. FE-00042-03	REV A
			SCALE: 1:96 WEIGHT:		SHEET 1 OF 1

4

3

2

1