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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Particle Board 4' x 4' x 3/8" thick	or similar - can be cut from two 4' x 8' sheets	4
2	FRP 4' x 4'	White, Lowes Item # 8566 - can be cut from two 4' x 8' sheets	4
3	FRP Divider 48" long	White - can be cut from one 8' long part	2
4	PVC Elbow	1" ID SCH 40	30
5	PVC Coupler	1" ID SCH 40	10
6	PVC T Connector	1" ID SCH 40	28
7	PVC T Connector 1 1/4" x 1 1/4" x 1"	SCH 40	2
8	PVC Reducer 1" to 1/2"	SCH 40	2
9	PVC Cap Threaded	0.5" SCH 40	2
10	2.000 inch PVC	0.5" ID SCH 40	32
11	14.250 inch PVC - one end threaded (grey sprinkler riser)	0.5" ID	2
12	01.875 inch PVC	1" ID SCH 40	8
13	03.375 inch PVC	1" ID SCH 40	10
14	04.250 inch PVC	1" ID SCH 40	4
15	5.000 inch PVC	1" ID SCH 40	2
16	05.750 inch PVC	1" ID SCH 40	6

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
17	06.000 inch PVC	1" ID SCH 40	16
18	07.000 inch PVC	1" ID SCH 40	2
19	08.500 inch PVC	1" ID SCH 40	4
20	09.000 inch PVC	1" ID SCH 40	2
21	12.000 inch PVC	1" ID SCH 40	4
22	15.125 inch PVC	1" ID SCH 40	2
23	17.000 inch PVC	1" ID SCH 40	1
24	18.500 inch PVC	1" ID SCH 40	6
25	20.250 inch PVC	1" ID SCH 40	4
26	24.250 inch PVC	1" ID SCH 40	4
27	26.750 inch PVC with holes	1" ID SCH 40	8
28	26.750 inch PVC	1" ID SCH 40	2
29	42.375 inch PVC	1" ID SCH 40	2
30	3" PVC Coupler		4
31	Black Duct tape	Duck Brand Duct tape	1 Roll
32	White Duct tape	Duck Brand Duct tape	1 Roll
33	Blue Duct tape	Duck Brand - Blue - 1304959	1 Roll
34	Neon Orange Duct tape	Duck Brand - Neon Orange - 1265019	1 Roll

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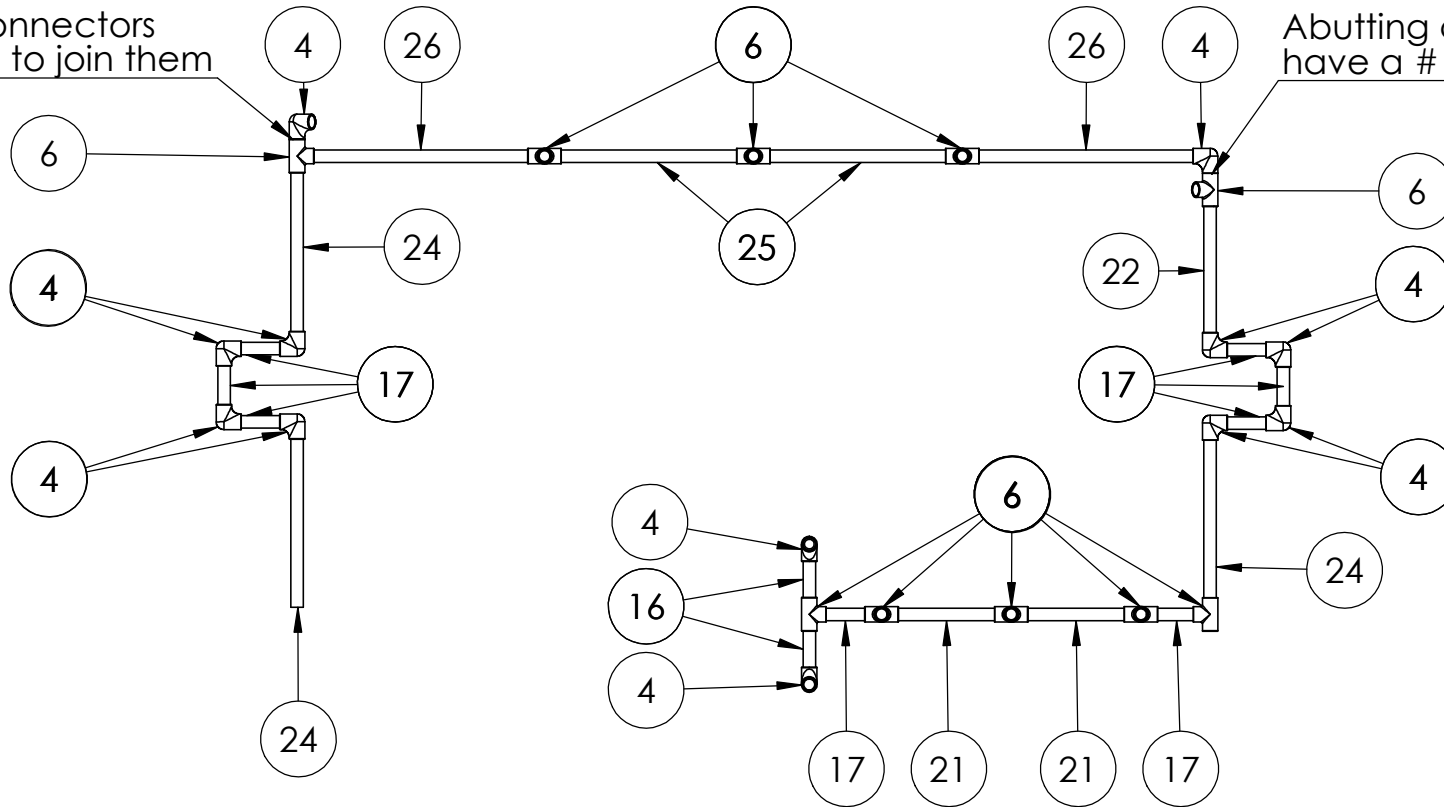
<p><b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KIPR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KIPR IS PROHIBITED.</p>			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<p>TITLE: <b>2018 BB PVC</b></p>		
			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN					
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
			MATERIAL	ENG APPR.					
			FINISH	MFG APPR.					
	NEXT ASSY	USED ON		Q.A.			SIZE	DWG. NO.	REV
		APPLICATION	DO NOT SCALE DRAWING	COMMENTS:			<b>A</b>		
							SCALE: 1:50	WEIGHT:	SHEET 1 OF 12

1

You will need to make 2 of this sub assembly

Abutting connectors have a #12 to join them

Abutting connectors have a #12 to join them



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		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE: 2018 BB PVC

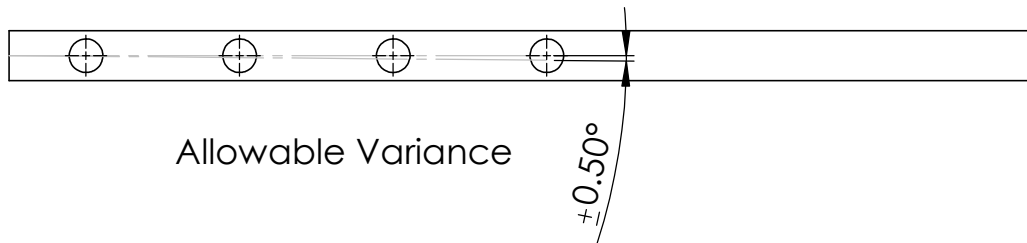
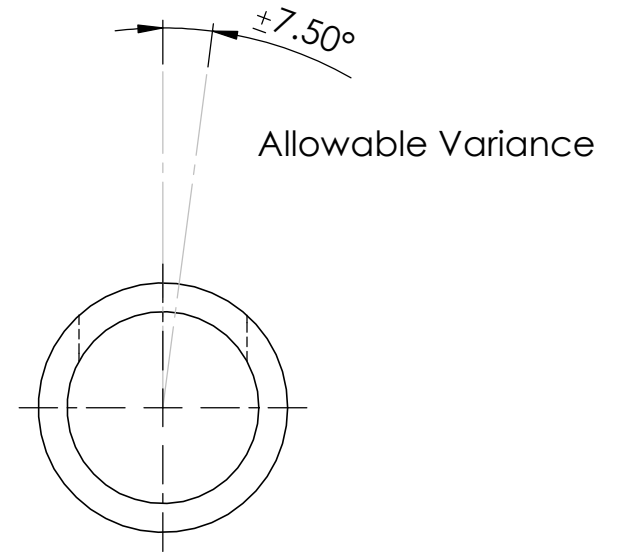
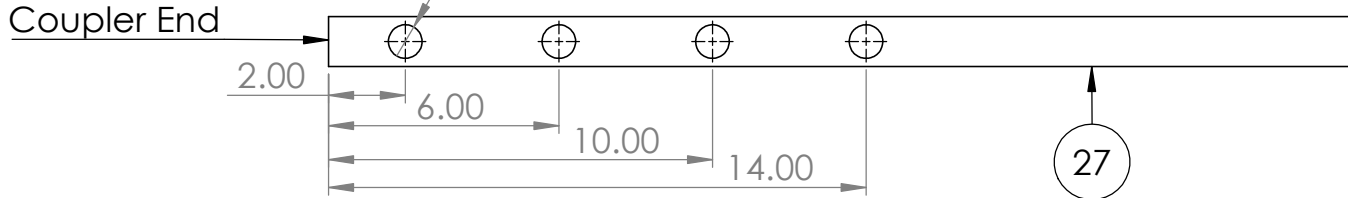
SIZE **A** DWG. NO. REV  
 SCALE: 1:50 WEIGHT: SHEET 2 OF 12

2

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Make 8 of this part

We used a step bit to drill out the holes to 7/8" and this resulted in a small hole in the bottom of the PVC below the hole. You can replicate this, or use a hole saw to create these holes.



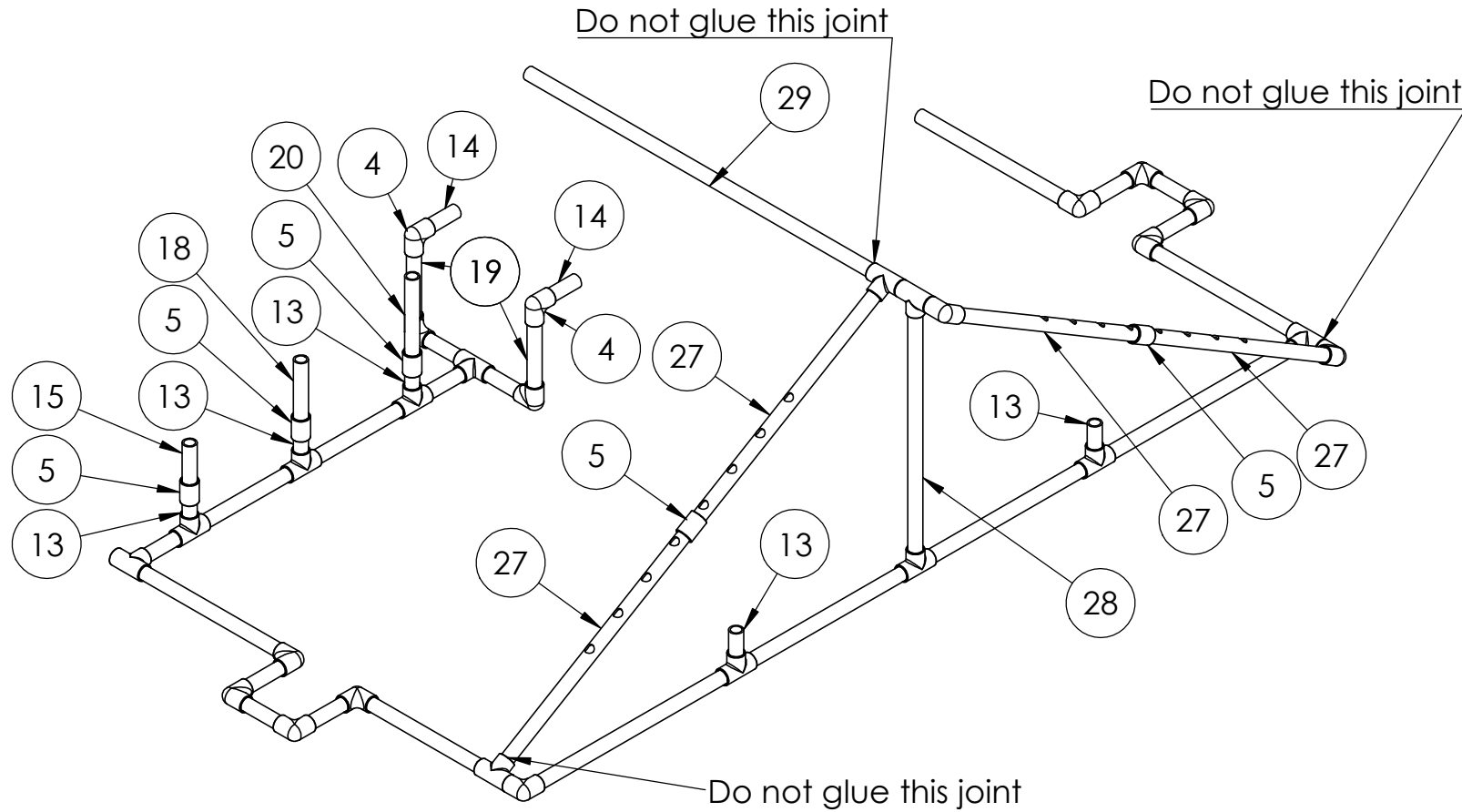
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		MATERIAL			
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NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
2018 BB PVC		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:50		WEIGHT:
		SHEET 3 OF 12

1

You will need to make 2 of this sub assembly



The holes in part 27 face up

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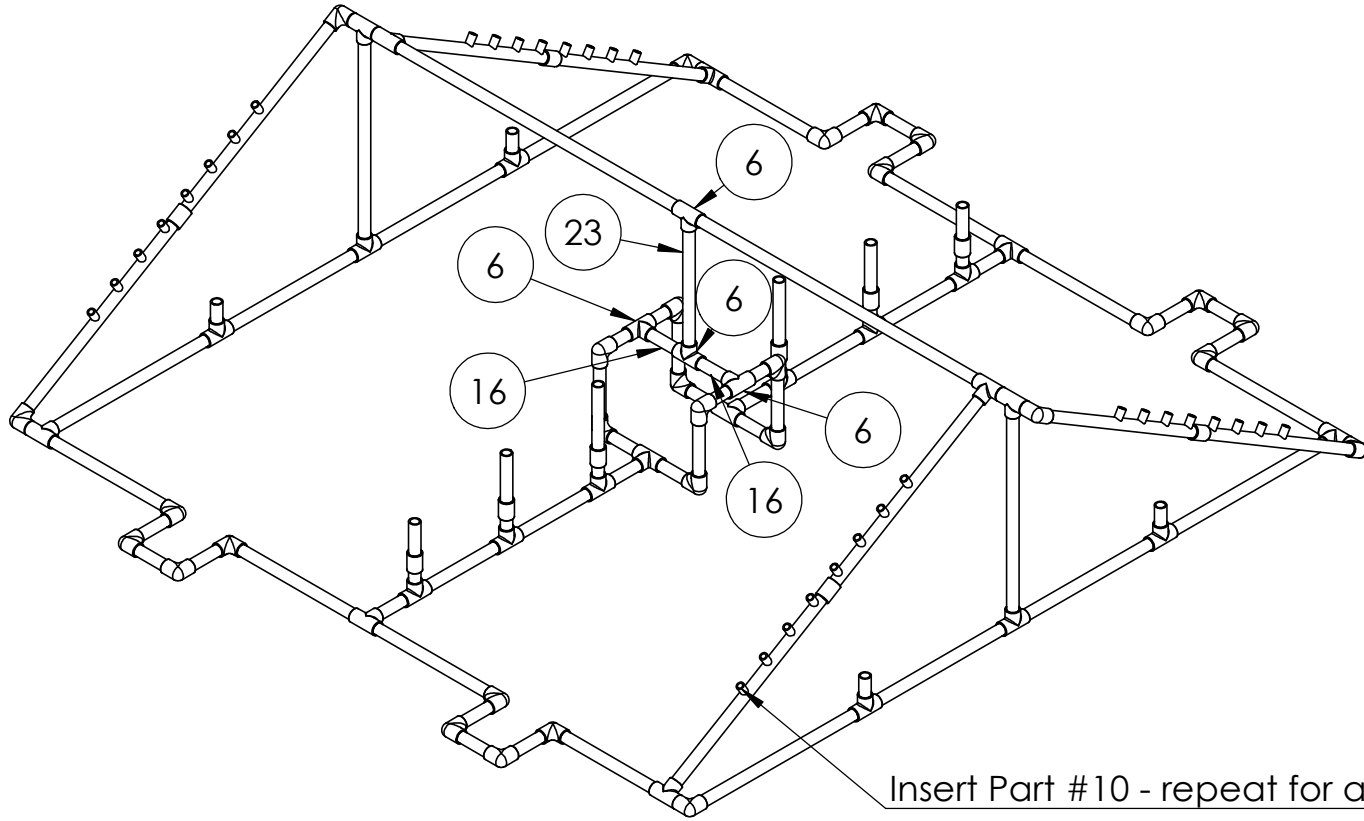
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APPLICATION		DO NOT SCALE DRAWING			

TITLE: <b>2018 BB PVC</b>		
SIZE <b>A</b>	DWG. NO.	REV
SCALE: 1:50		WEIGHT:
SHEET 4 OF 12		

Attach 2 sub assemblies with the shown pieces



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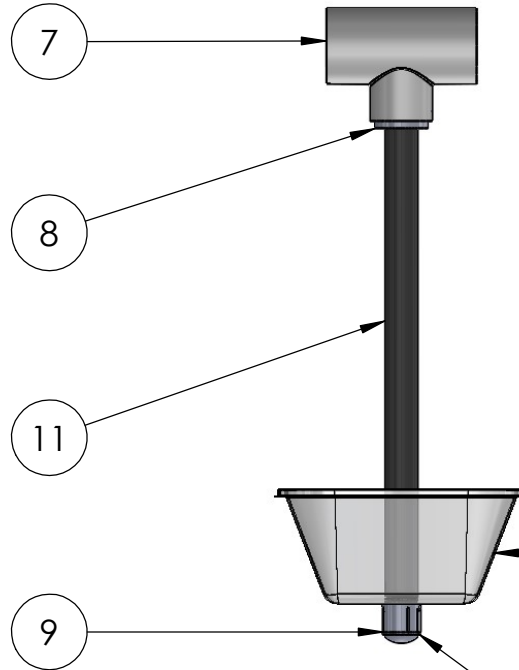
Insert Part #10 - repeat for all holes

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TITLE: <b>2018 BB PVC</b>		
SIZE <b>A</b>	DWG. NO.	REV
SCALE: 1:50	WEIGHT:	SHEET 5 OF 12

Make two of this part



Use included bin with a 7/8" hole cut in the center of the bottom

Cap screwed on hand tight and adjusted to be 13" above the game surface

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		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Tram Assembly**

SIZE <b>A</b>	DWG. NO.	REV
SCALE: 1:50		WEIGHT:
SHEET 6 OF 12		

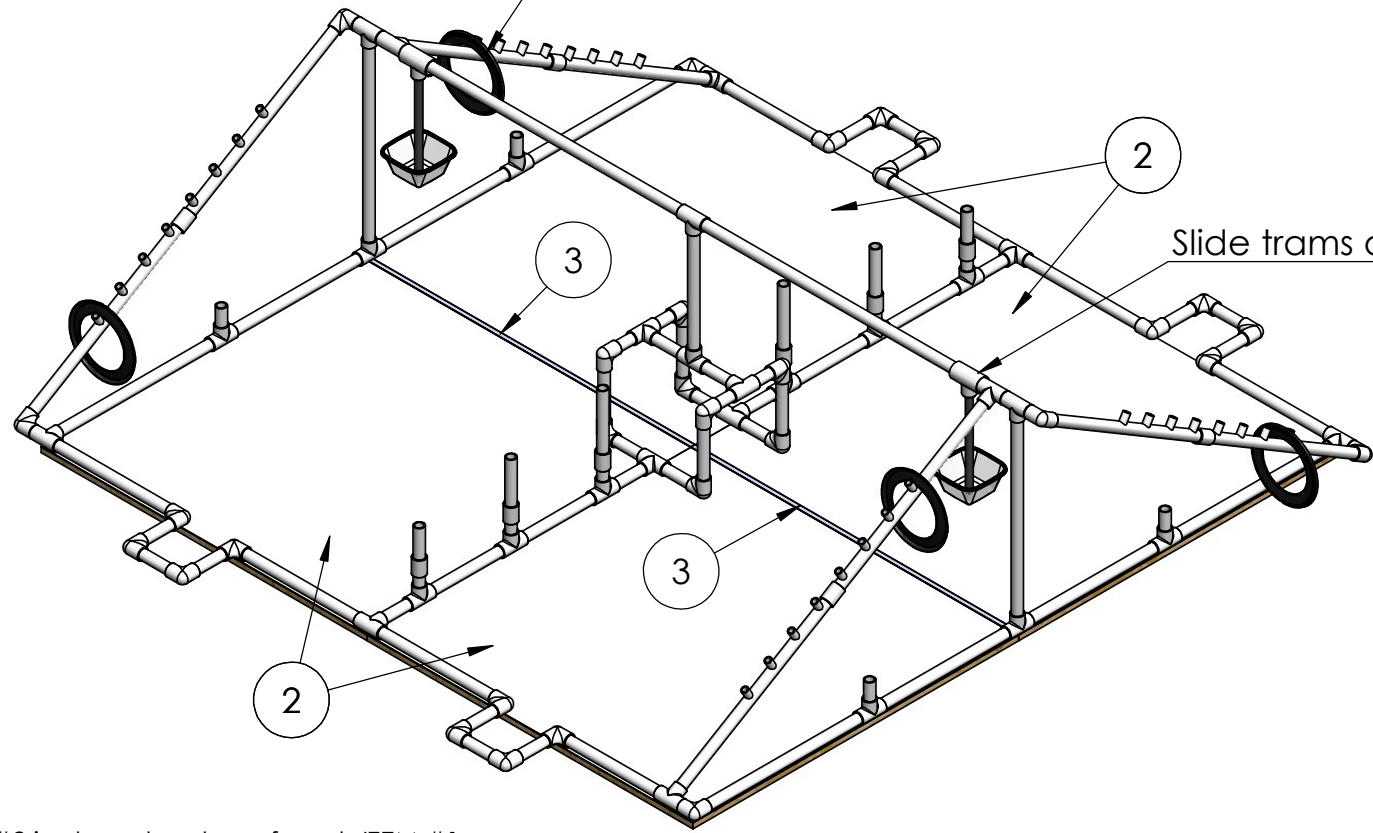
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Slide included rings onto PVC



Slide trams onto top PVC

NOTE: One ITEM #2 is placed on top of each ITEM #1.  
 ITEM #3 slides between the two ITEM #2's for that side.

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		THREE PLACE DECIMAL ±	COMMENTS:		
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		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Add Tram and Rings**

SIZE **A** DWG. NO. REV  
 SCALE: 1:50 WEIGHT: SHEET 7 OF 12

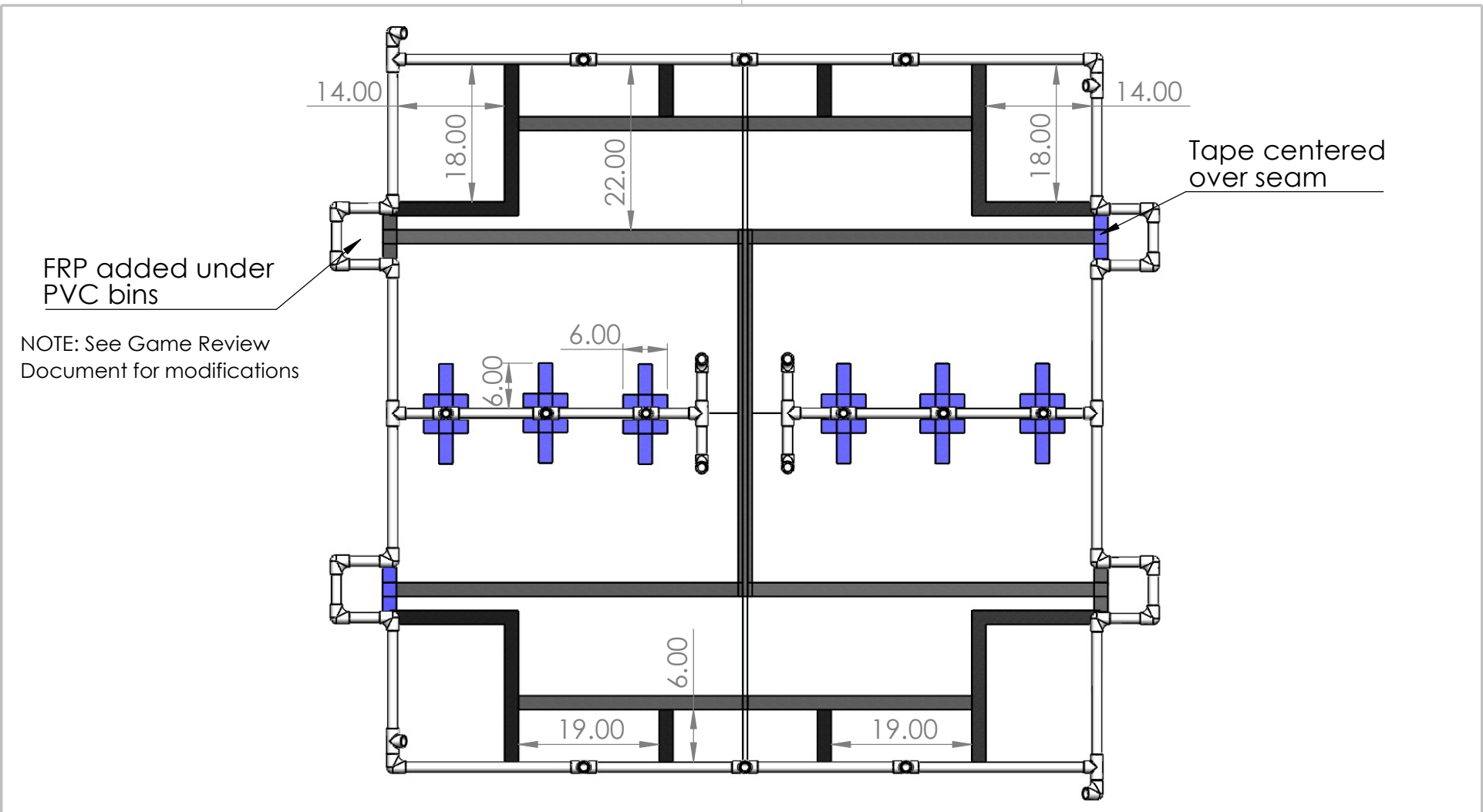
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		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
	APPLICATION	DO NOT SCALE DRAWING			

TITLE:  
**Tape Layout**

SIZE **A** DWG. NO. REV  
 SCALE: 1:50 WEIGHT: SHEET 8 OF 12

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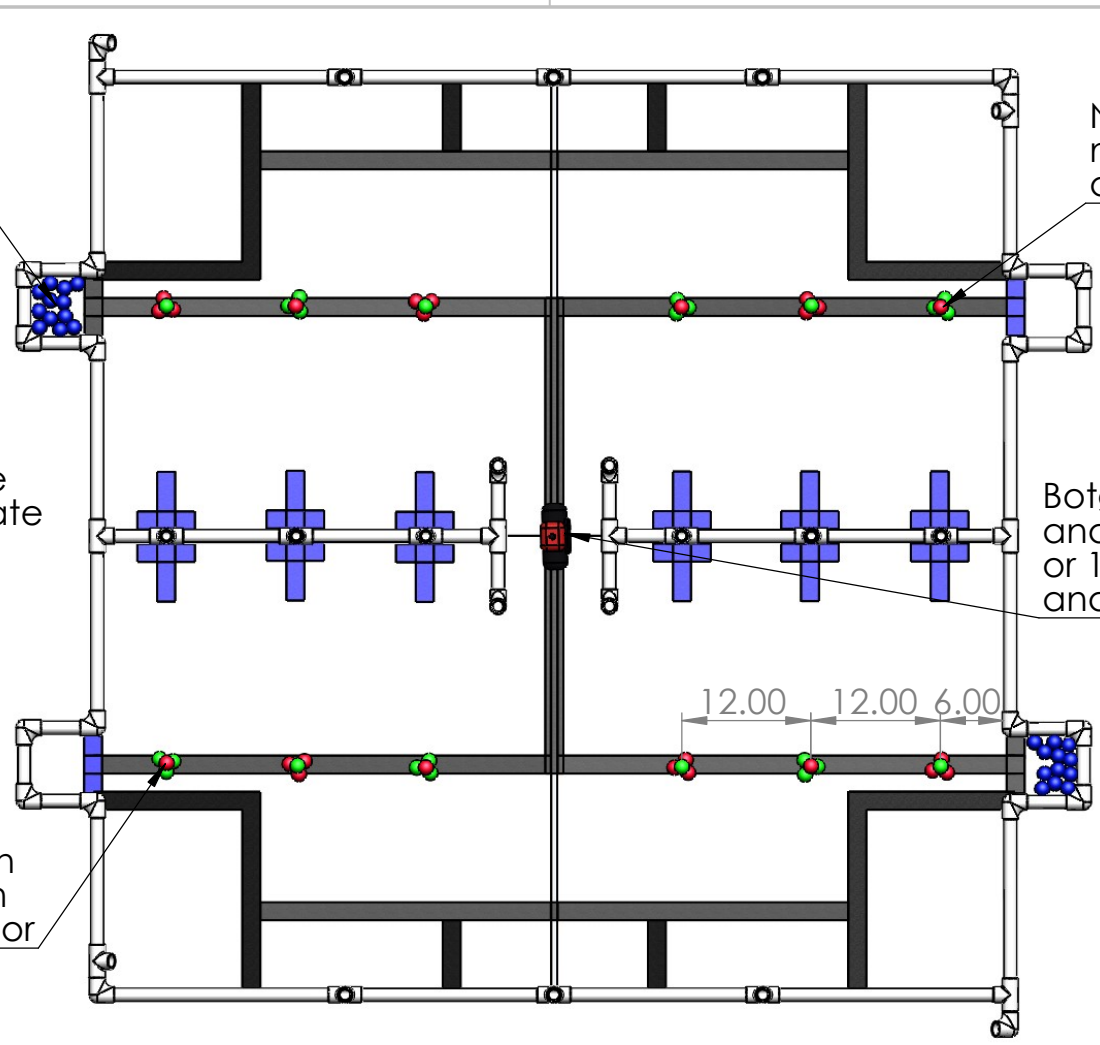
Blue poms randomly placed by judges inside box

Note: pom colors will match this diagram and alternate as shown

Note: pom stacks are not aligned to the date palm uprights

Botguy placed in center and will face this note or 180 degrees opposite and will face the audience

Pom stacks are three on the bottom and one on the top of the other color



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		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Game Piece Layout**

SIZE **A** DWG. NO. REV  
 SCALE: 1:50 WEIGHT: SHEET 9 OF 12

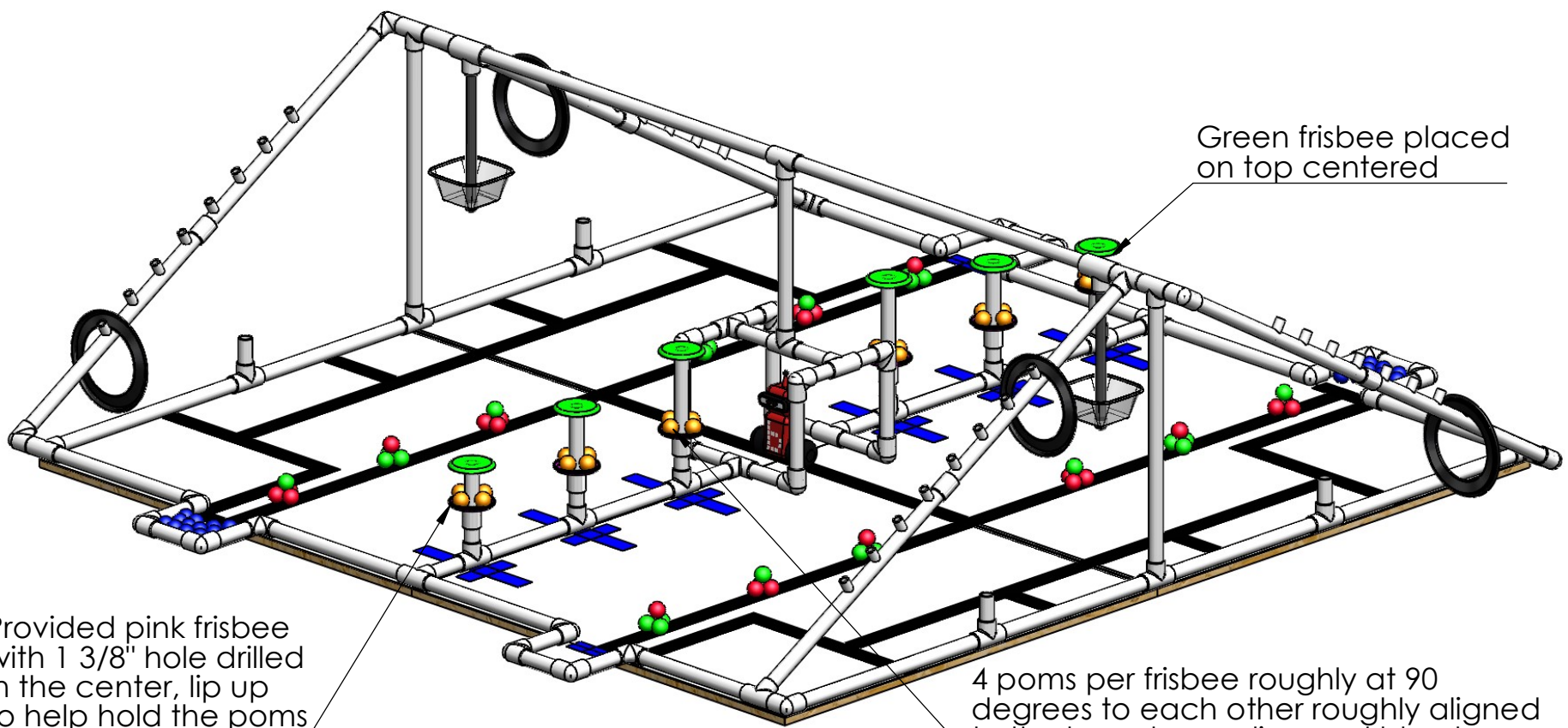
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Provided pink frisbee with 1 3/8" hole drilled in the center, lip up to help hold the poms

Green frisbee placed on top centered

4 poms per frisbee roughly at 90 degrees to each other roughly aligned to the board centerline and blue tape

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		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:  
**Tree Layouts**

SIZE **A** DWG. NO. REV  
 SCALE: 1:50 WEIGHT: SHEET 10 OF 12

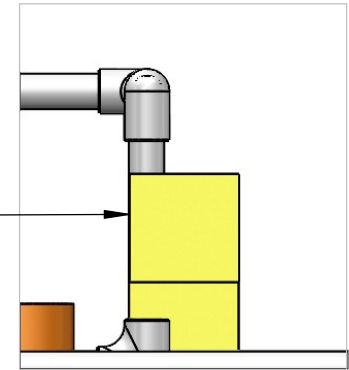
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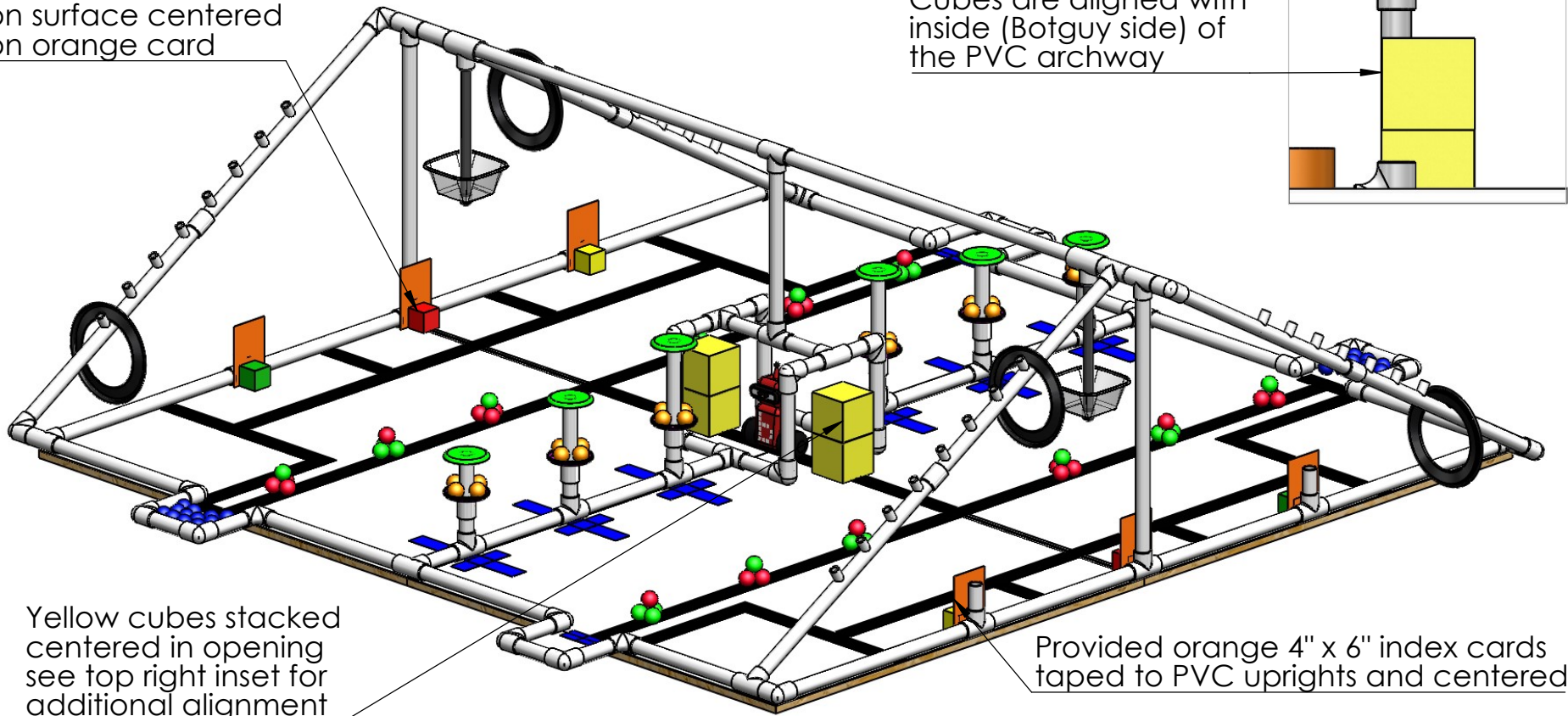
2" foam block on surface centered on orange card

Cubes are aligned with inside (Botguy side) of the PVC archway



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Yellow cubes stacked centered in opening see top right inset for additional alignment

Provided orange 4" x 6" index cards taped to PVC uprights and centered

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		FINISH			
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TITLE:  
**Cube Layout**

SIZE	DWG. NO.	REV
<b>A</b>		

SCALE: 1:50	WEIGHT:	SHEET 11 OF 12
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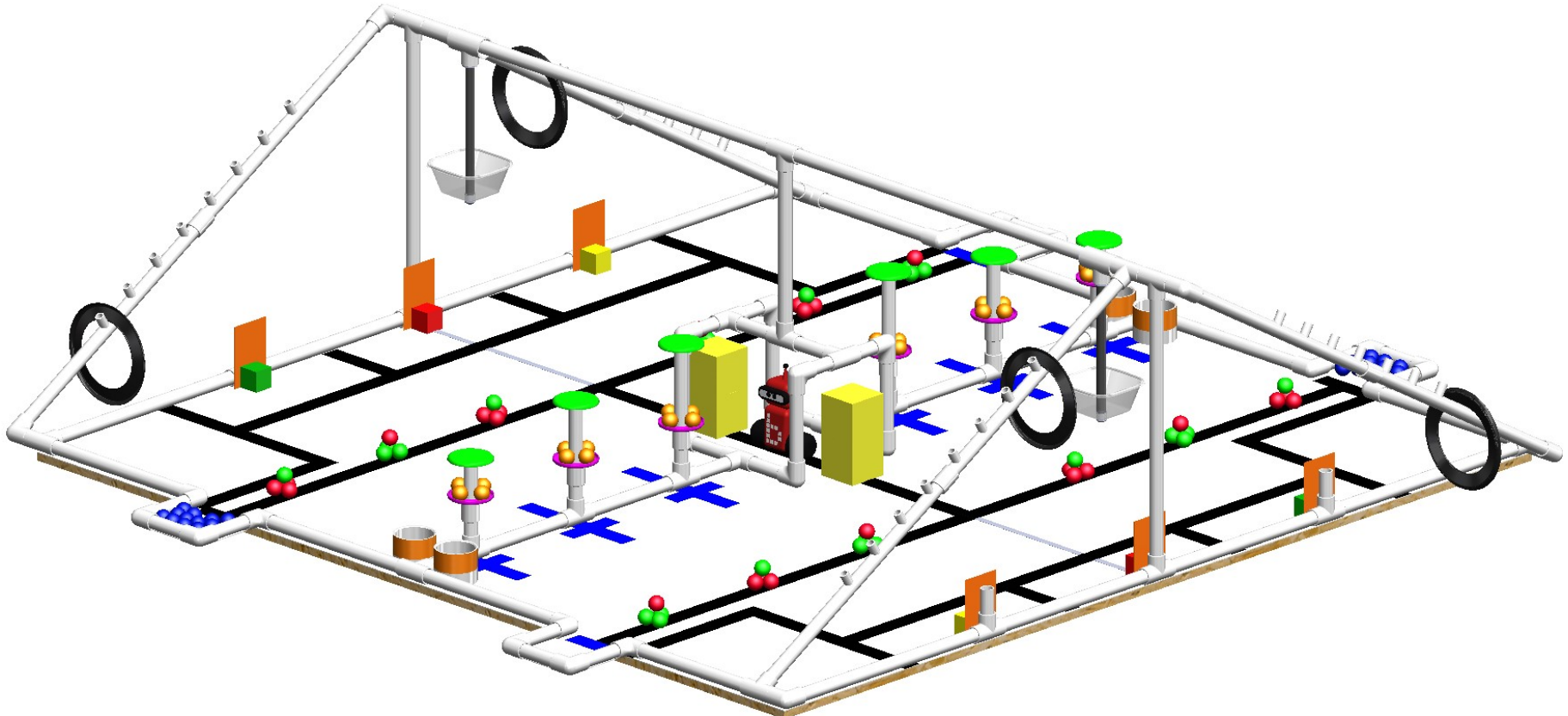
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TITLE: <b>Complete</b>		
SIZE <b>A</b>	DWG. NO.	REV
SCALE: 1:50	WEIGHT:	SHEET 12 OF 12

1