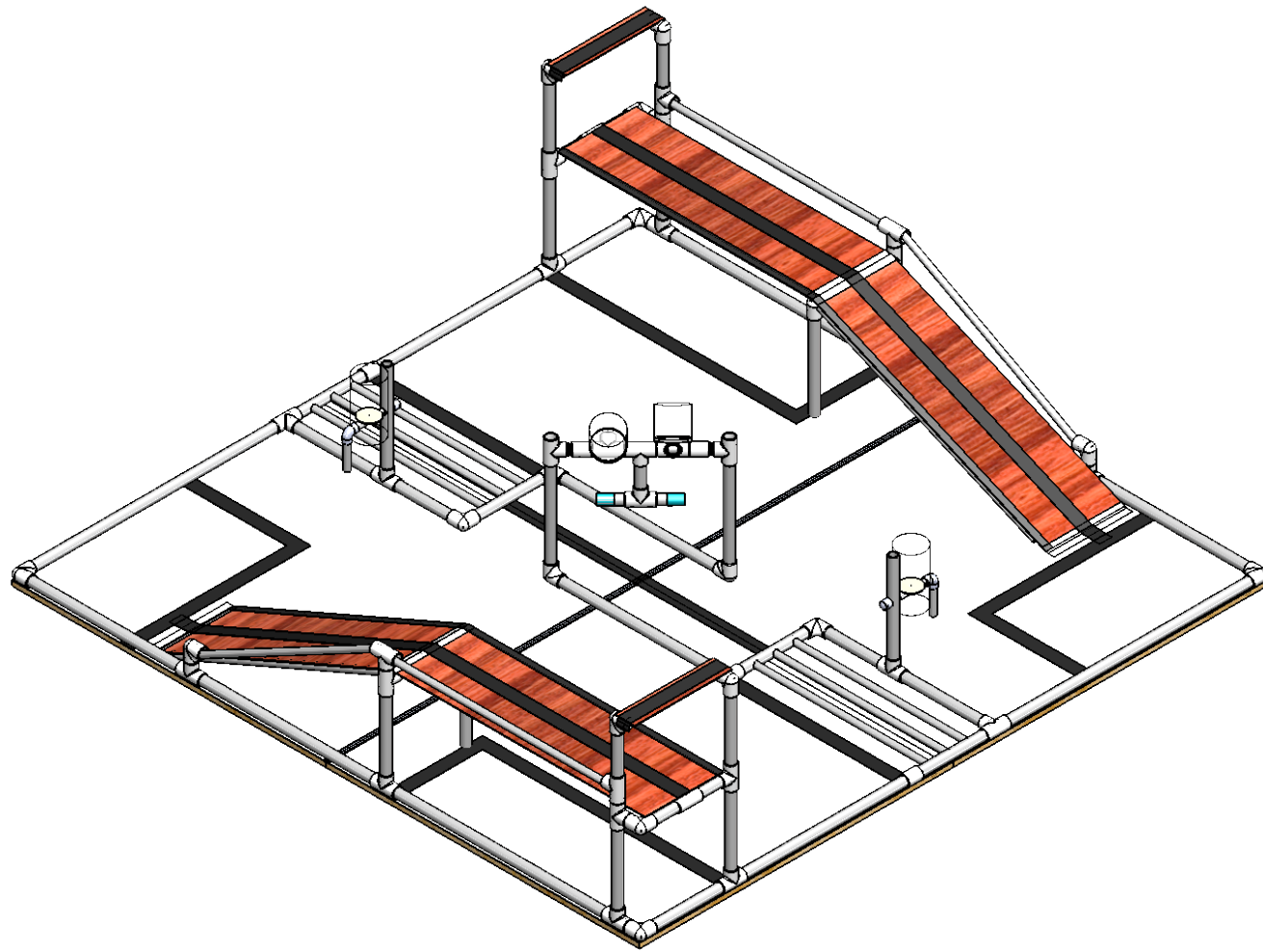


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		MATERIAL				SHEET 1 OF 13						
		FINISH										
	NEXT ASSY	USED ON										
	APPLICATION		DO NOT SCALE DRAWING									

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Particle Board 4' x 4' x 5/8" thick	Comes in 8' lengths	4
2	FRP 4' x 4'	White, sold in 8' lengths Lowes Item # 8566	4
3	FRP Divider 48" long	White, sold in 8' lengths Lowes Item # 8567 (see note 1)	2
4	4 in tube cap	Provided	2
5	4 in tube x 4 in	cut fom 24" long 4" diameter tube	2
6	4 in tube x 8 in	cut fom 24" long 4" diameter tube	2
7	3 in wood circle	cut from 4ft x 4ft x 0.125in plywood	2
8	39" x 12" x 5mm thick plywood	cut from 4ft x 4ft x 5mm plywood	4
9	15" x 3" x 1/8" thick plywood	cut from 4ft x 4ft x 0.125in plywood	2
10	4.5 inch pvc	0.5" SCH 40	2
11	6.875 inch pvc	0.5" SCH 40	2
12	16 inch pvc	0.5" SCH 40	1
13	27 inch pvc	0.5" SCH 40	6
14	32.75 inch pvc	0.5" SCH 40	2
15	36 inch pvc	0.5" SCH 40	4
16	36.625 inch pvc	0.5" SCH 40	2
17	cap 0.5 in pvc	0.5" SCH 40	2
18	elbow 0.5 in pvc	0.5" SCH 40	2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
19	01.5 inch pvc	1" SCH 40	14
20	3.625 inch pvc	1" SCH 40	2
21	4 inch pvc	1" SCH 40	2
22	5 inch pvc	1" SCH 40	1
23	5.375 inch pvc	1" SCH 40	2
24	5.5 inch pvc	1" SCH 40	4
25	7.625 inch pvc	1" SCH 40	2
26	10.125 inch pvc	1" SCH 40	2
27	11.0 inch pvc	1" SCH 40	2
28	12 inch pvc	1" SCH 40	4
29	12.25 inch pvc	1" SCH 40	2
30	12.5 inch pvc	1" SCH 40	6
31	14 inch pvc	1" SCH 40	4
32	14.5 inch pvc	1" SCH 40	2
33	15 inch pvc	1" SCH 40	2
34	24.75 inch pvc	1" SCH 40	2
35	25.5 inch pvc	1" SCH 40	2
36	26.75 inch pvc	1" SCH 40	2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
37	28.25 inch pvc	1" SCH 40	2
38	33.875 inch pvc	1" SCH 40	2
39	37.25 inch pvc	1" SCH 40	2
40	39.125 inch pvc	1" SCH 40	2
41	Coupler	1" SCH 40	4
42	PVC T Connector	1" SCH 40	32
43	PVC Elbow Connector	1" SCH 40	20
44	1 in to 0.5 in reducer	SCH 40	2
45	Black Duct tape	Duck Brand Duct tape	1 Roll
46	White Duct tape	Duck Brand Duct tape	1 Roll
47	Aqua Duct tape	Duck Brand Duct tape SKU# 1265020	1 Roll

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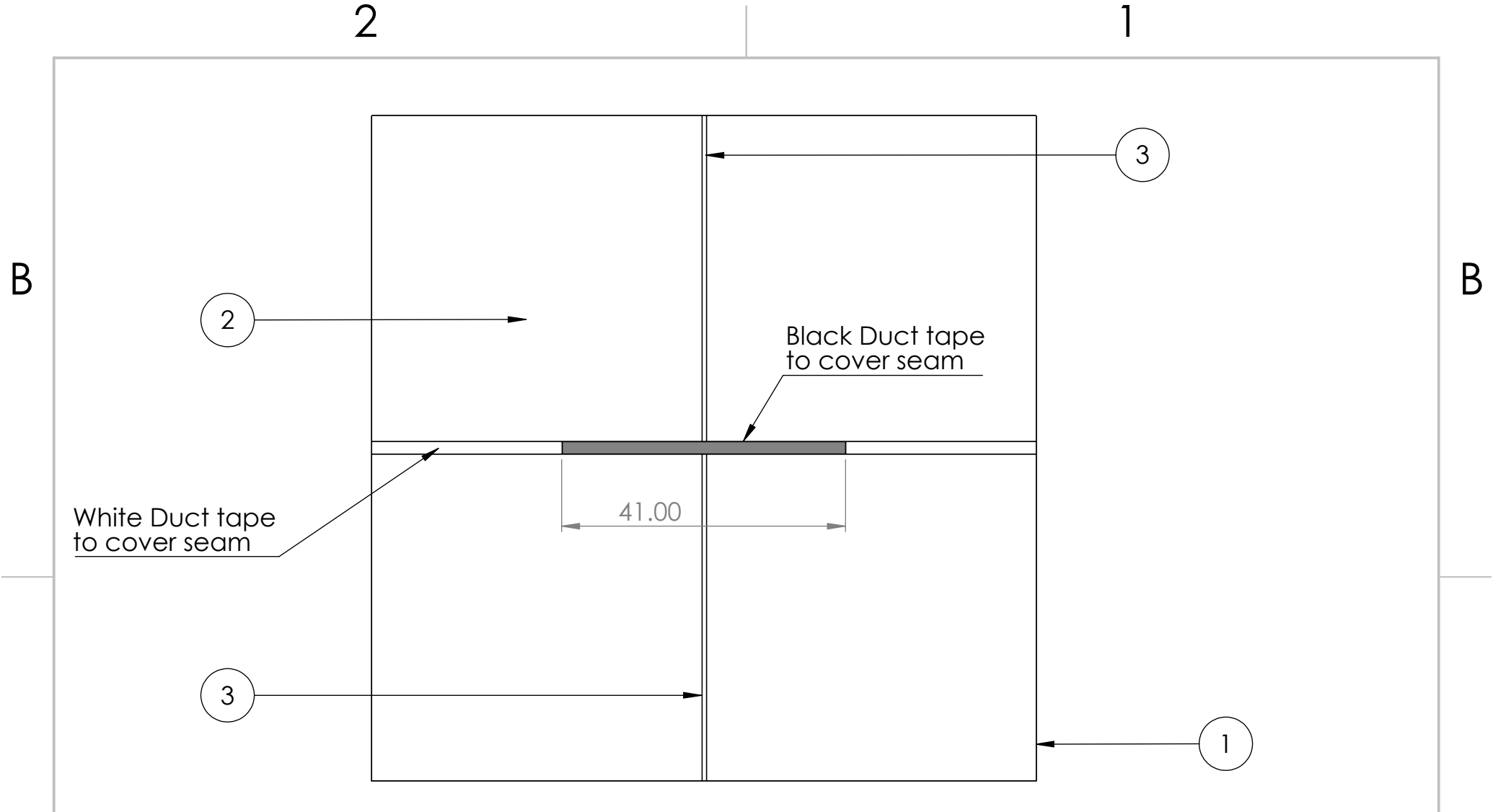
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			ENG APPR.		
			MFG APPR.		
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		MATERIAL	COMMENTS:		
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
SIZE	DWG. NO.	REV
<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50	WEIGHT:	SHEET 2 OF 13

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White Duct tape to cover seam

Black Duct tape to cover seam

41.00

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NEXT ASSY	USED ON	FINISH			
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TITLE:		
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<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50	WEIGHT:	SHEET 3 OF 13

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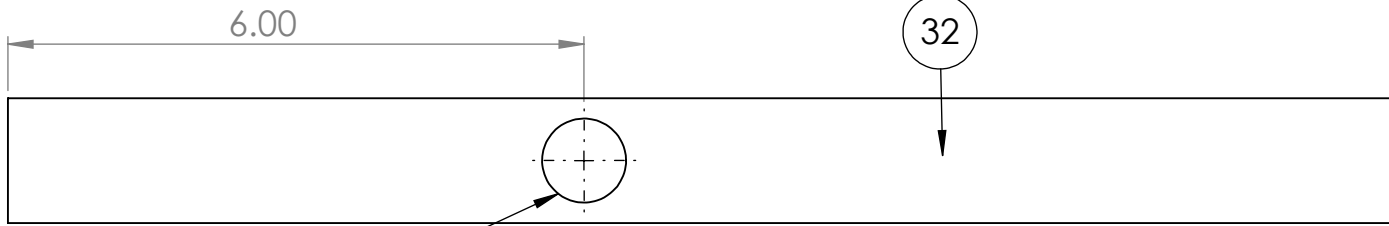
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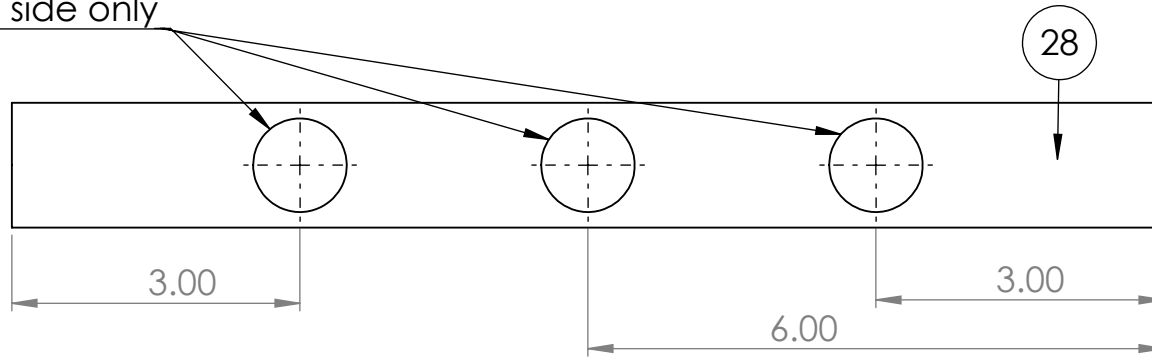
This end goes into T connector



Hole through both sides

All Holes 7/8" diameter.  
Repeat for all PVC of these lengths.

Hole through one side only



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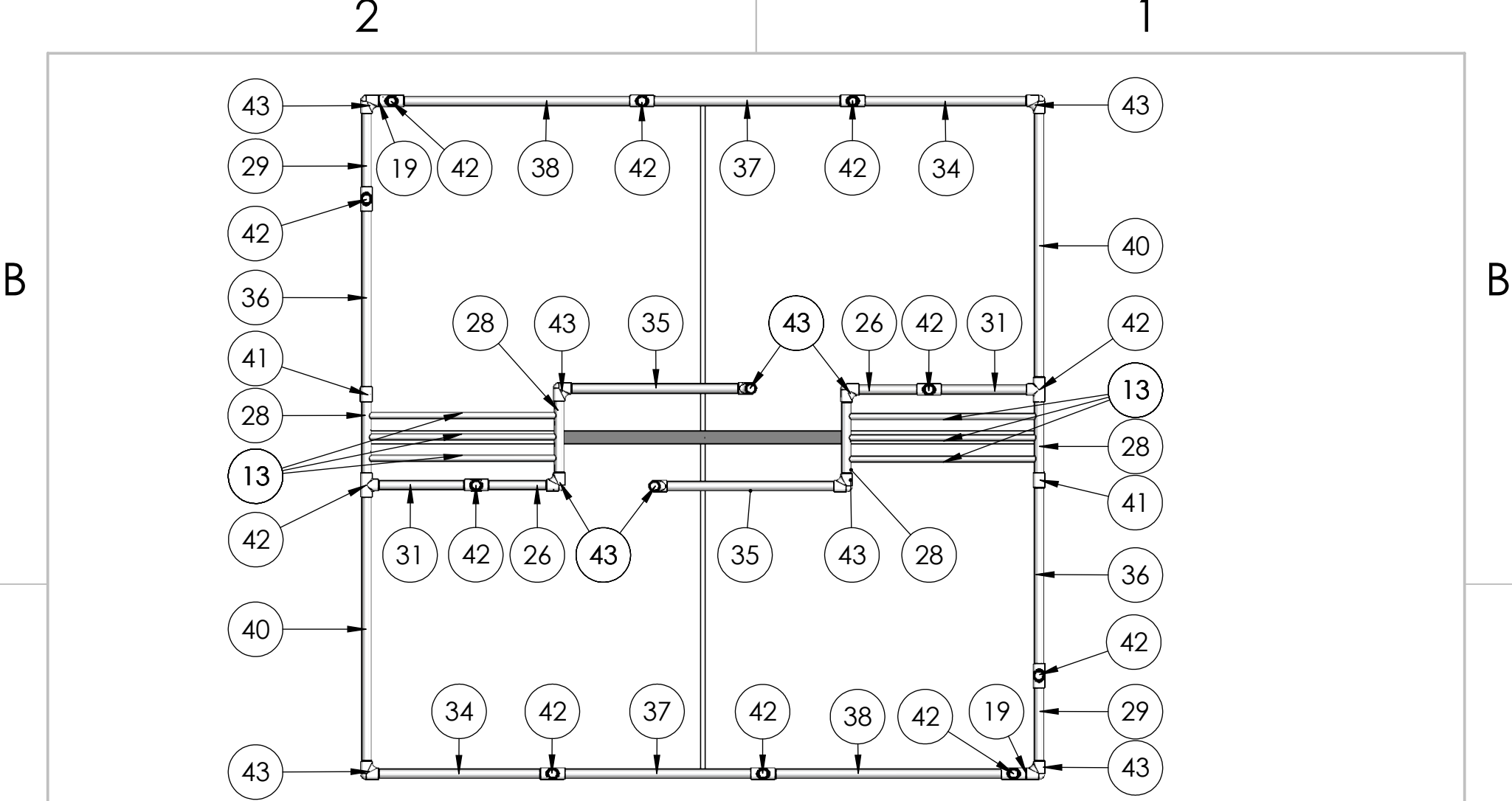
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TITLE:		
SIZE	DWG. NO.	REV
<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50	WEIGHT:	SHEET 4 OF 13

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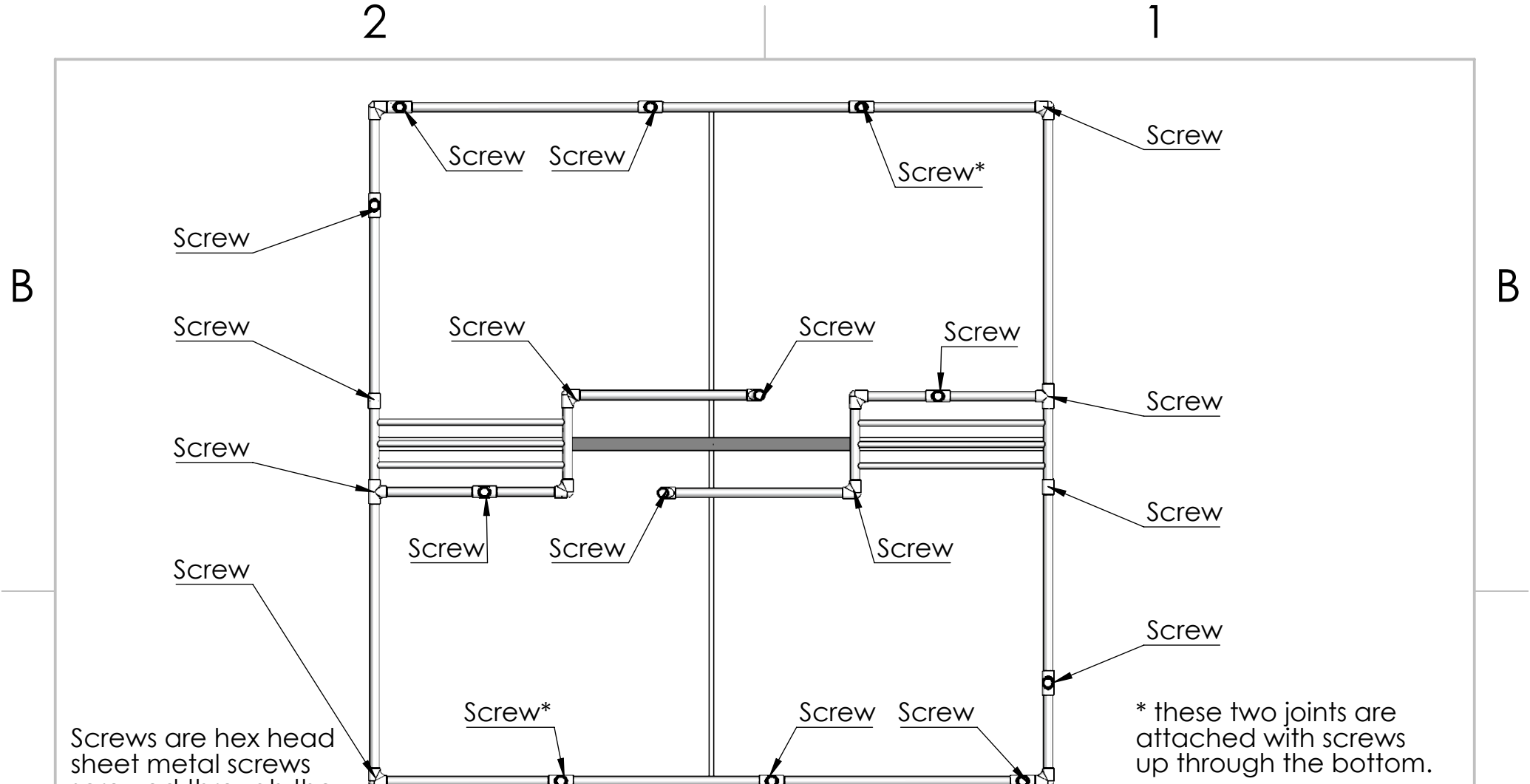
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SIZE	DWG. NO.	REV
<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50	WEIGHT:	SHEET 5 OF 13

2

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Screws are hex head sheet metal screws screwed through the PVC, FRP and into the wood underlayment. Connectors will have a 7/8" hole drilled in the top to recess screw head in PVC connector.

\* these two joints are attached with screws up through the bottom.

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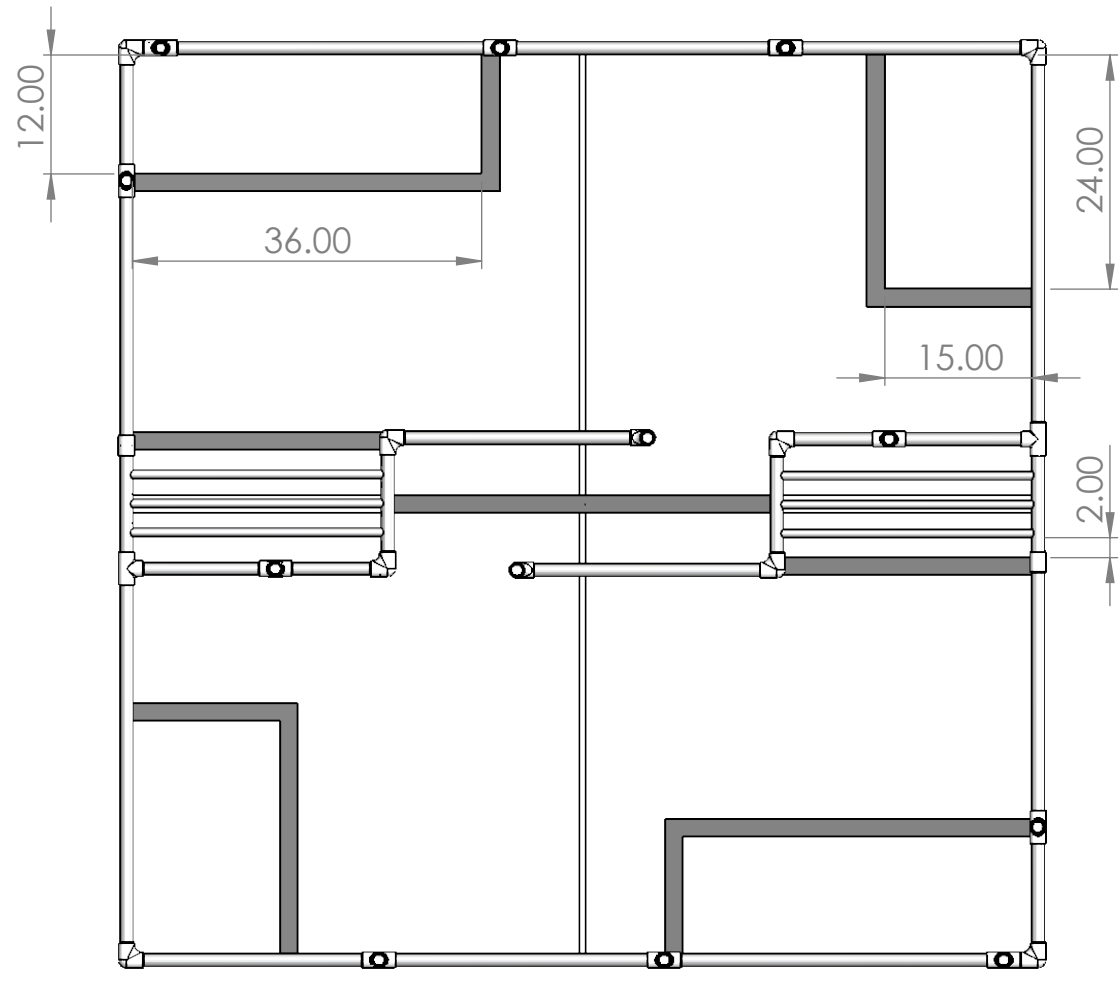
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TITLE:		
SIZE	DWG. NO.	REV
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SCALE: 1:50 WEIGHT:		SHEET 6 OF 13

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SCALE: 1:50	WEIGHT:	SHEET 7 OF 13

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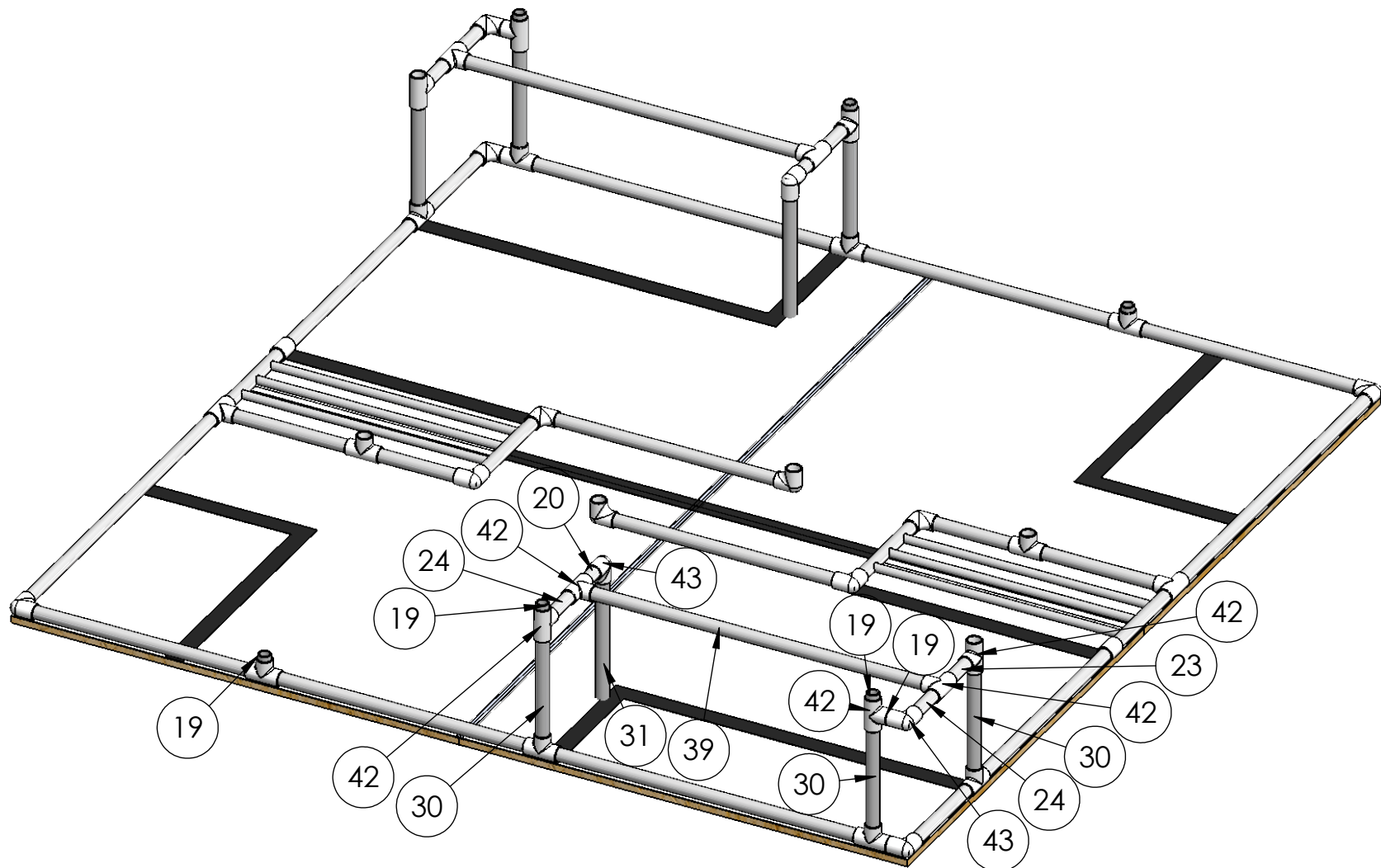
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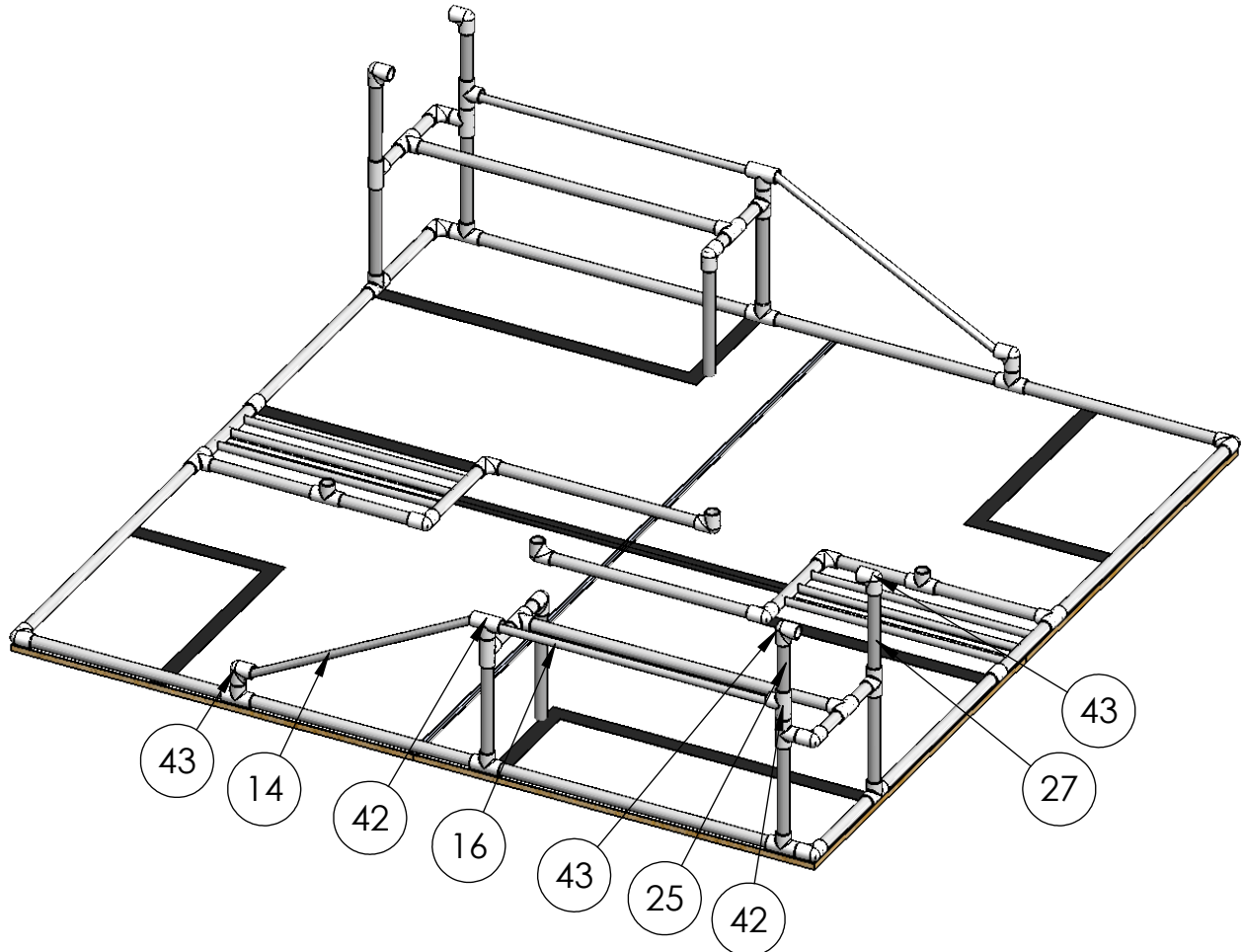


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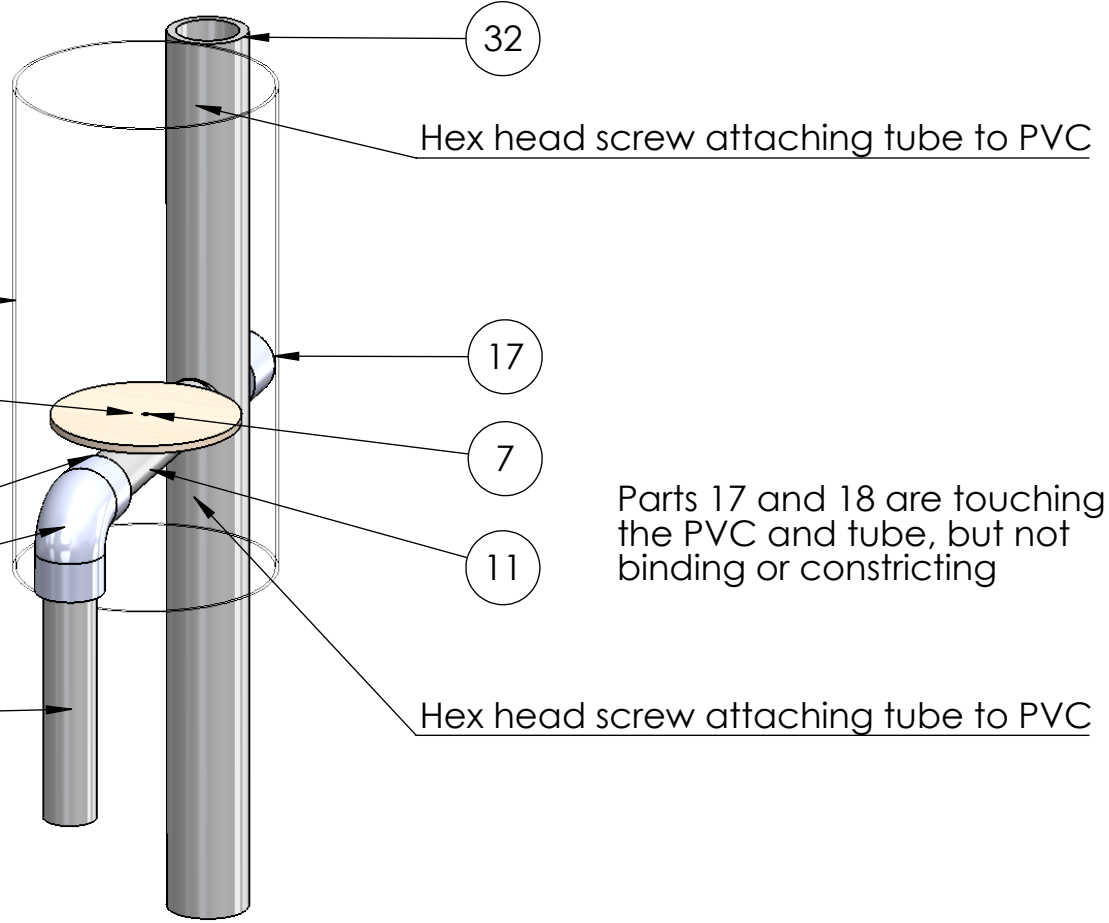
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The top of the 4 inch clear tube should be flush with the top of the PVC pipe



A hex head screw through the center of part 7 holds it to part 11

Drill 7/8" hole through plastic tube for #11 2" up from bottom of tube (see template on Team Home Base)

Parts 17 and 18 are touching the PVC and tube, but not binding or constricting

Hex head screw attaching tube to PVC

Rotating #10 should dispense poms placed into #6

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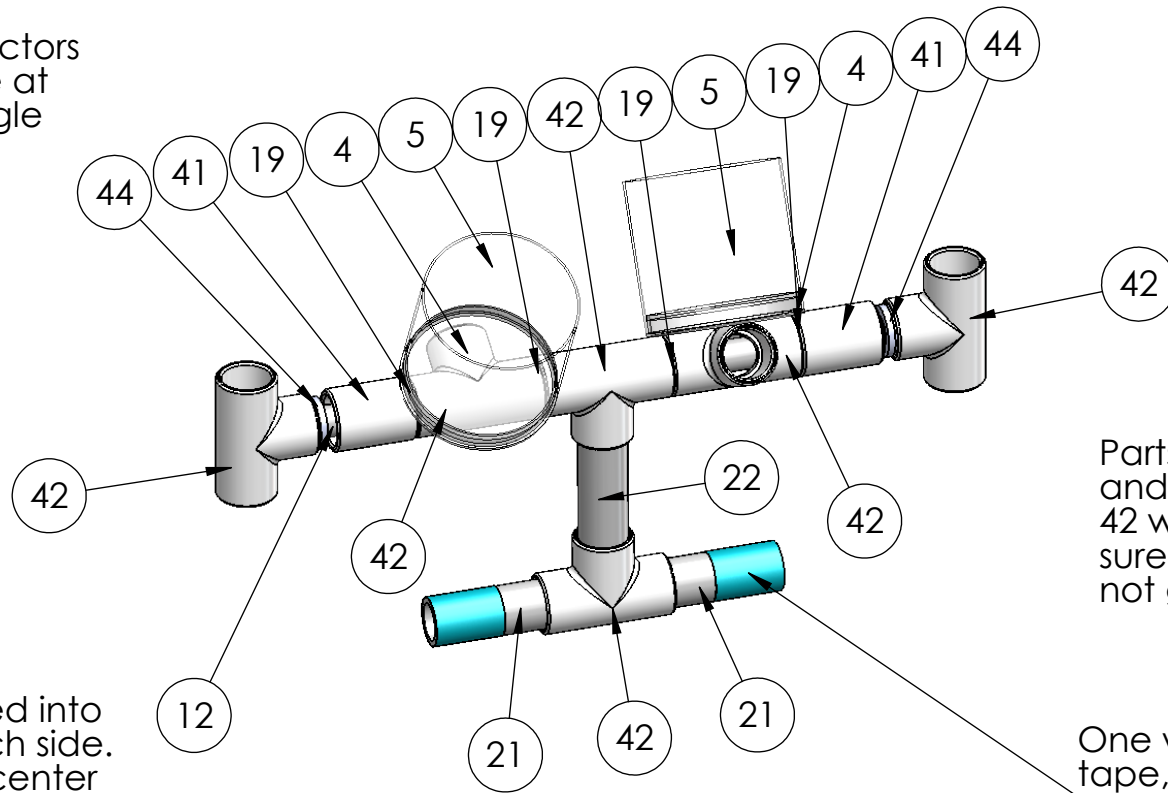
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TITLE:		
SIZE	DWG. NO.	REV
<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50	WEIGHT:	SHEET 10 OF 13

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The three T connectors across the top are at at 120 degree angle to each other



Parts 4 are centered on and attached to parts 42 with hex screws - make sure that the screws do not go into #12

Part 12 is inserted into parts 44 on each side. This allows the center assembly to rotate around part 12

One wrap of aqua Duct tape, flush with edge

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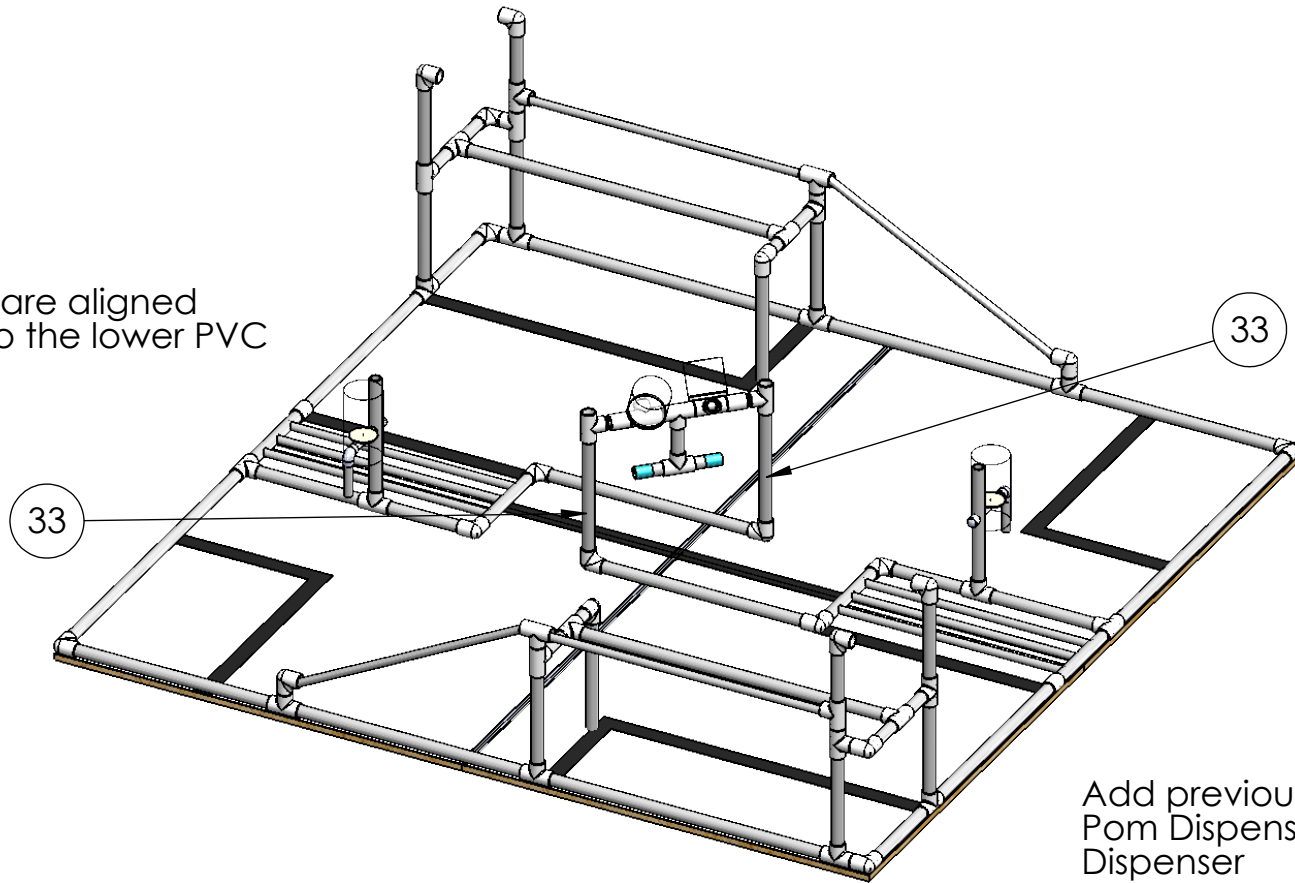
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Pom Dispensers are aligned perpendicular to the lower PVC



Add previously constructed Pom Dispensers and Center Dispenser

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		DIMENSIONS ARE IN INCHES				TITLE:	
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Black Duct tape over white Duct tape

Black Duct tape centered on wood and wraps around elbows to hold shelf  
Wood centered over elbows both directions

Black Duct tape half wrapped around edge for sensor detection

One strip of white Duct tape holds two shelves together

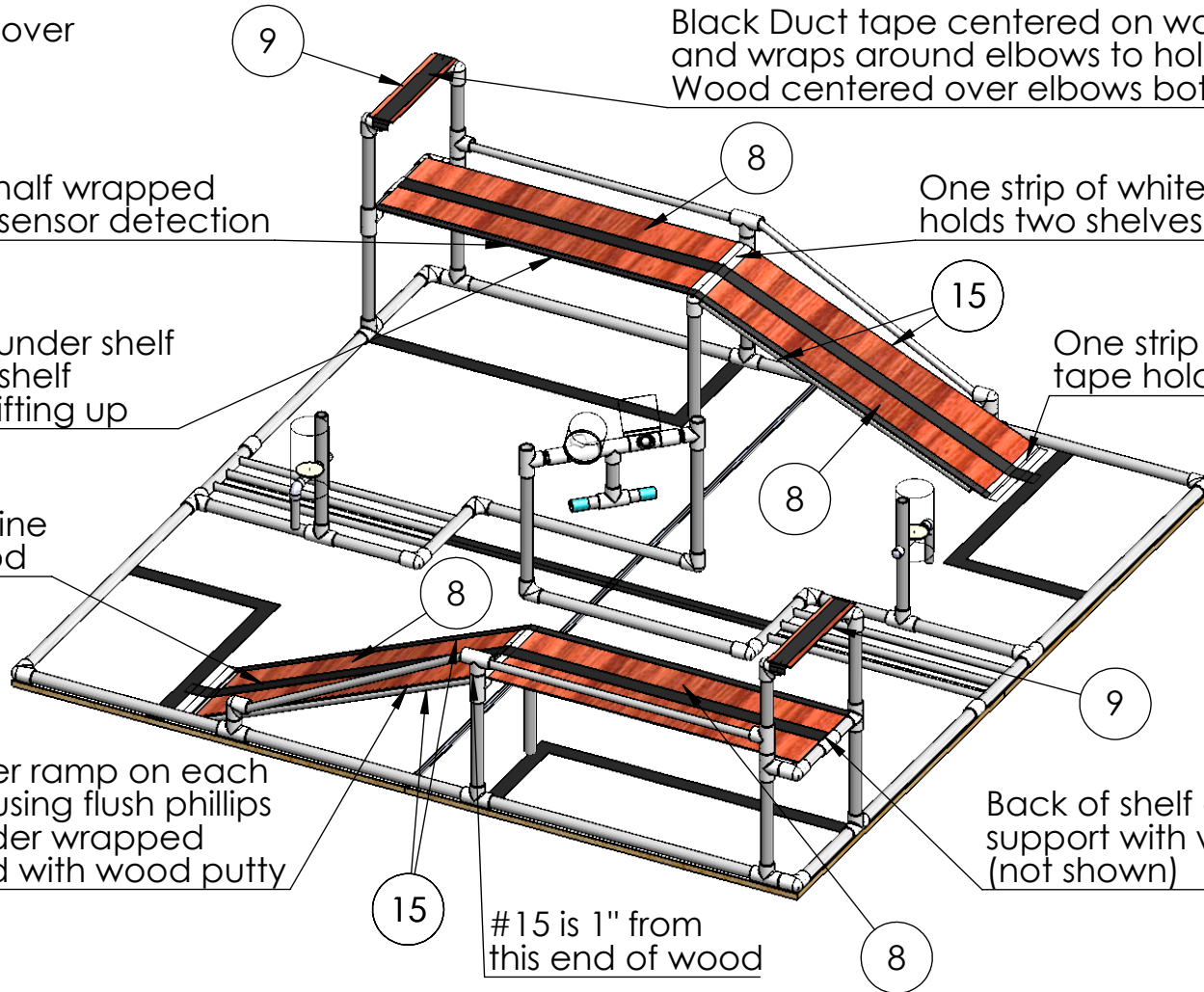
White duct tape under shelf center to attach shelf to keep #8 from lifting up

One strip of white Duct tape holds shelf to surface

Black Duct tape line centered on wood

PVC secured under ramp on each side from the top using flush phillips screws hidden under wrapped black tape or filled with wood putty

Back of shelf attached to PVC support with white Duct tape (not shown)



#15 is 1" from this end of wood

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APPLICATION		DO NOT SCALE DRAWING		Q.A.	
				COMMENTS:	

TITLE:		
SIZE	DWG. NO.	REV
<b>A</b>	<b>2017 Table</b>	
SCALE: 1:50 WEIGHT:		SHEET 13 OF 13

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