

DETAIL C
SCALE 1/8

21

Ramps in all corners to be covered in green carpet.

Red Alliance Bumps to be covered in red carpet. Bumps will be sitting on floor protection carpet.

Flooring protection (see sheet 6) to be covered in green carpet. Carpet will be underneath bumps as well.

Blue alliance bumps to be covered in blue carpet. Bumps will be sitting on floor protection carpet.

19 5X

20 8X

13 To be held on by zip ties. Typical each corner.

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	6	FE-00004	End Panel	
2	8	FE-00001	Driver's Station Support Assy	
3	2	FE-00002	Corner Supports - Right Version	
4	2	FE-00002	Corner Supports - Left Version	
5	2	FE-00024	Field Rail Assy - Right	
6	2	FE-00023	Field Rail Assy - Left	
7	9	FE-00022	Field Rail Assy - Mid	
8	6	FE-00012	Drivers Station Acrylic	
9	4	GE-10001	Plastic, Goal	
10	6	FE-00007	Field Top Rail Assy	
11	4	GE-09031	Top Rail - Corner	
12	8	FE-00013	Field Outrigger	
13	8	GE-09039	Upright Plastic	
14	4	FE-00008	Field Plastic "A"	
15	10	FE-00009	Field Plastic "B"	
16	6	FE-00010	Field Plastic "C"	
17	5	FE-00029	Field Gate Assembly	
18	5	FE-00017	Gate Plastic Assembly	
19	5	FE-00014	Field Entry Ramp	
20	8	FE-00015	Trip Guard	
21	4	FE-00003	Rail Pin Assy	
22	24	GE-10002	Flooring Protection, Bump	
23	2	GE-10003	Flooring Protection, Tunnel	
24	12	GE-10047	Bump	
25	2	GE-10043	Tunnel Assembly	
26	2	GE-10021	Ball Return, Assembly	
27	2	GE-10026	Tower Support Assembly, Ball Return	
28	4	GE-10061	Goal Assembly (2 Left, 2 Right)	
29	2	GE-10027	Tower, Assembly	
30	4	GE-10056	Robot Retainer	
31	4	GE-10055	Clip, End Panel Support	
32	4	HW-00005	Retainer pin 1/4" x 2-1/2" long (MSC #: 67973081)	

DRAWN
Derek Foster

CHECKED

1/5/2010

UNLESS OTHERWISE SPECIFIED

TOLERANCES: (INCHES)

FRAC.

.00

.000

ANGULAR

+/- 1/32

+/- .01

+/- .005

+/- .25 Deg.

FIRST
200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-3907

TITLE
2010 Arena Layout and Marking

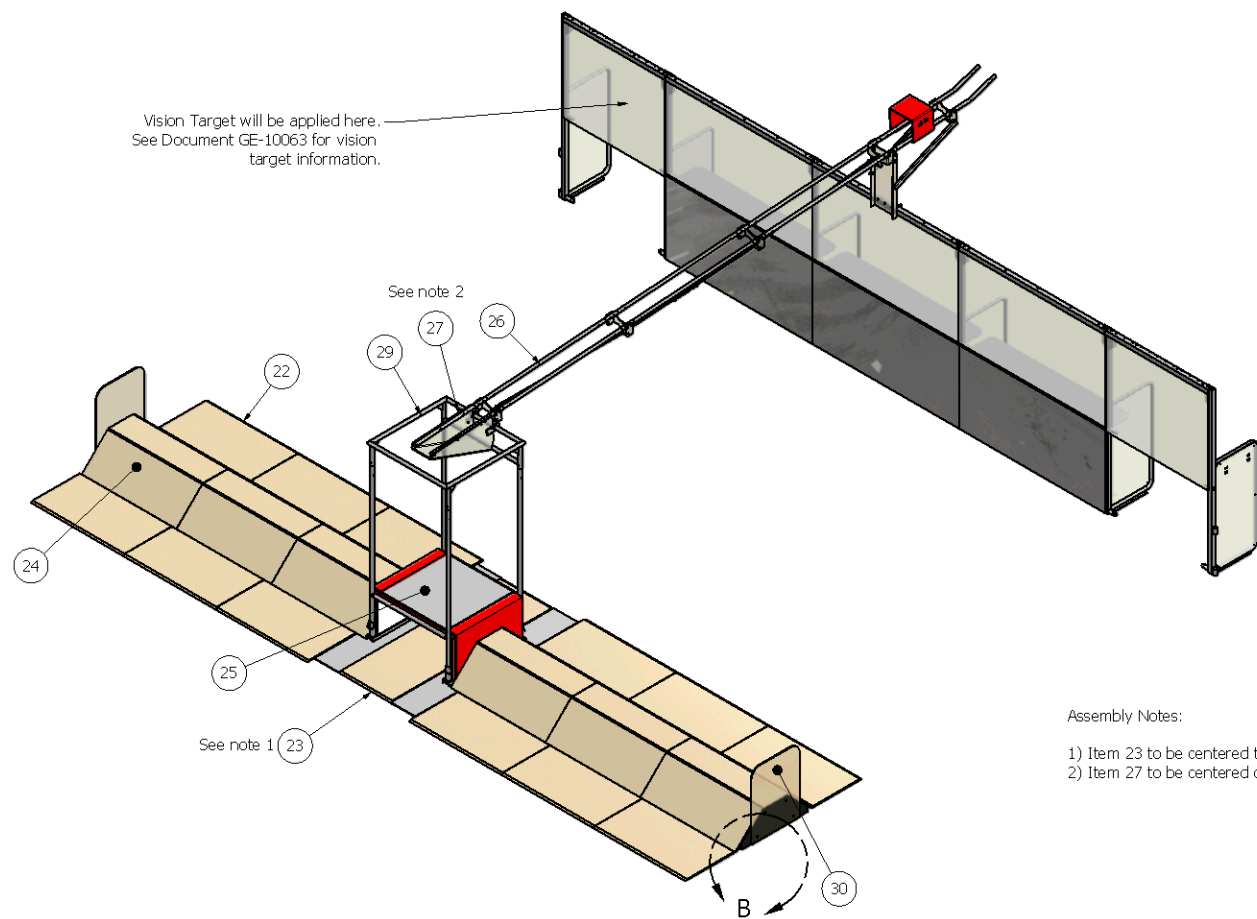
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FE-00033

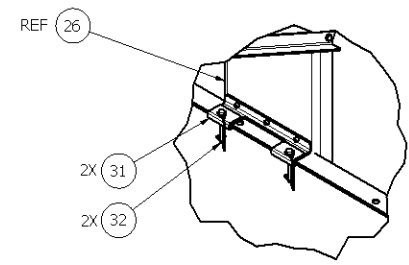
REV

SCALE

SHEET 1 OF 6

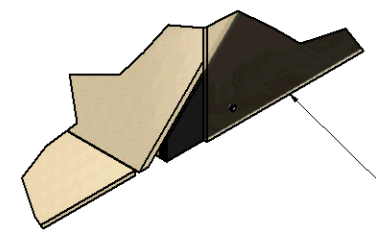


- Assembly Notes:
- 1) Item 23 to be centered to the middle of the field.
 - 2) Item 27 to be centered on Item 29 and secured using 2 zip ties.

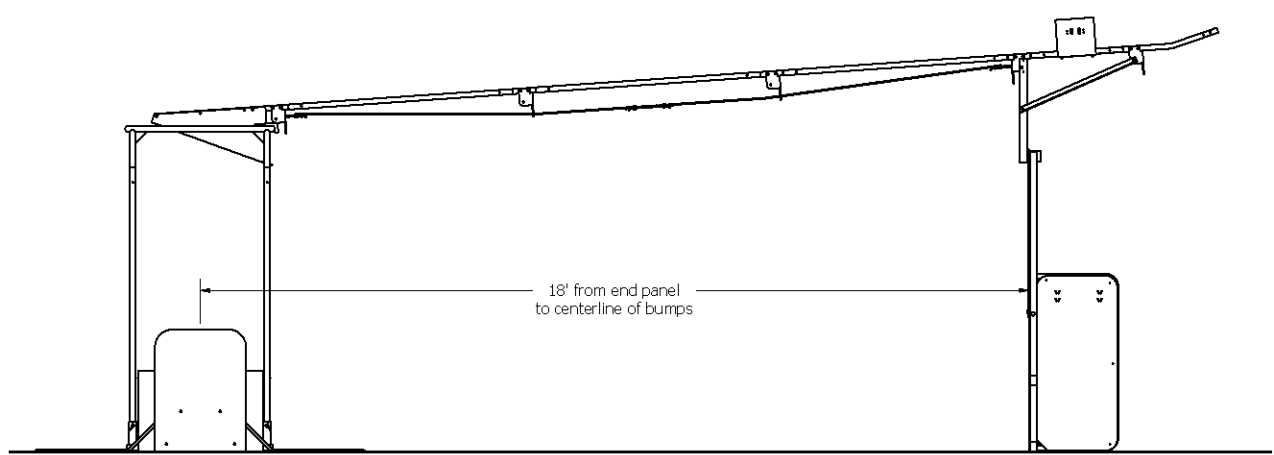


- Assembly Notes:
- 1) Once ball return is placed on top rail, wrap the bracket with the retaining clip (Item 31).
 - 2) Secure Item 31 with Item 32.

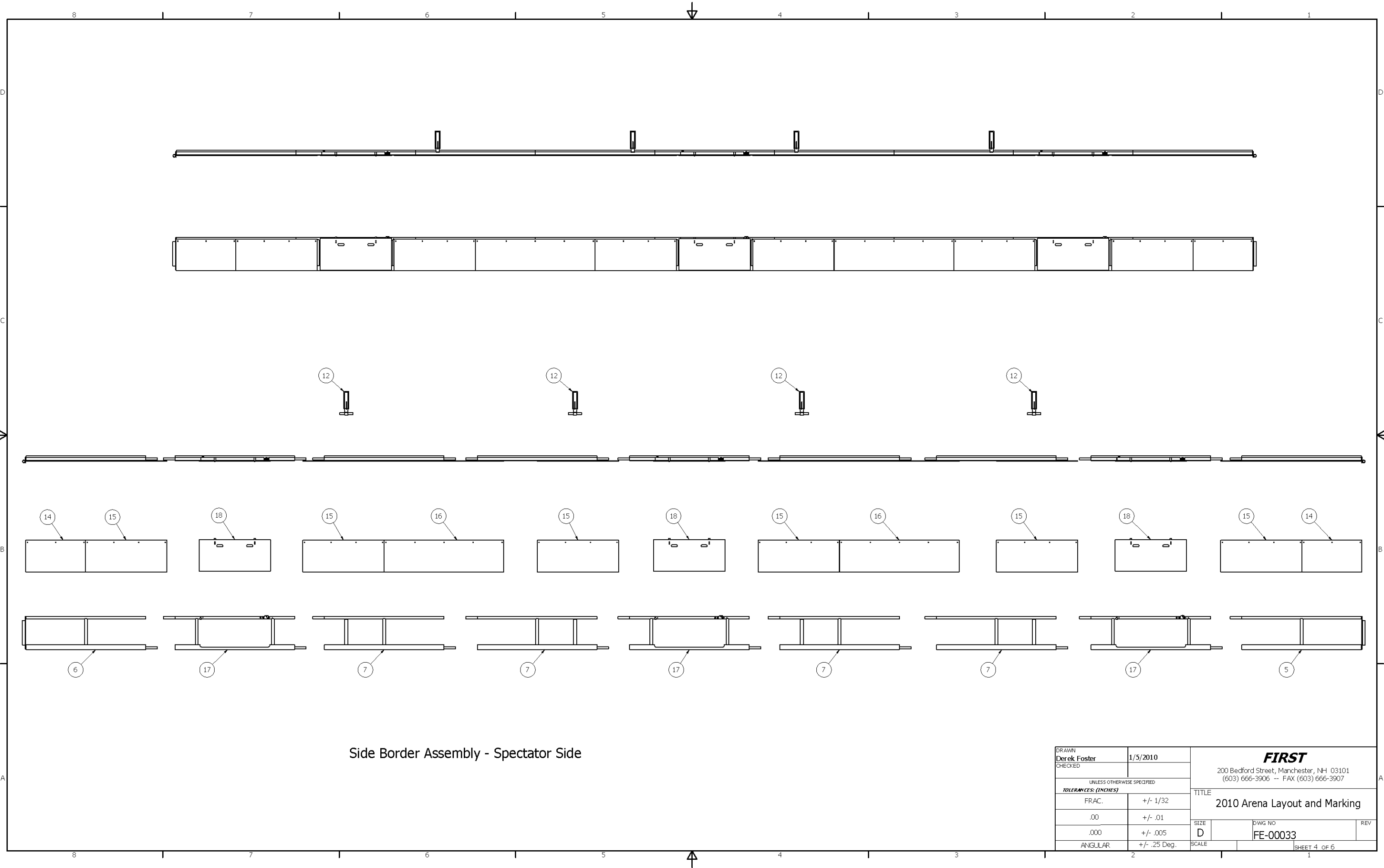
DETAIL A
SCALE 1/8



DETAIL B
SCALE 1/8

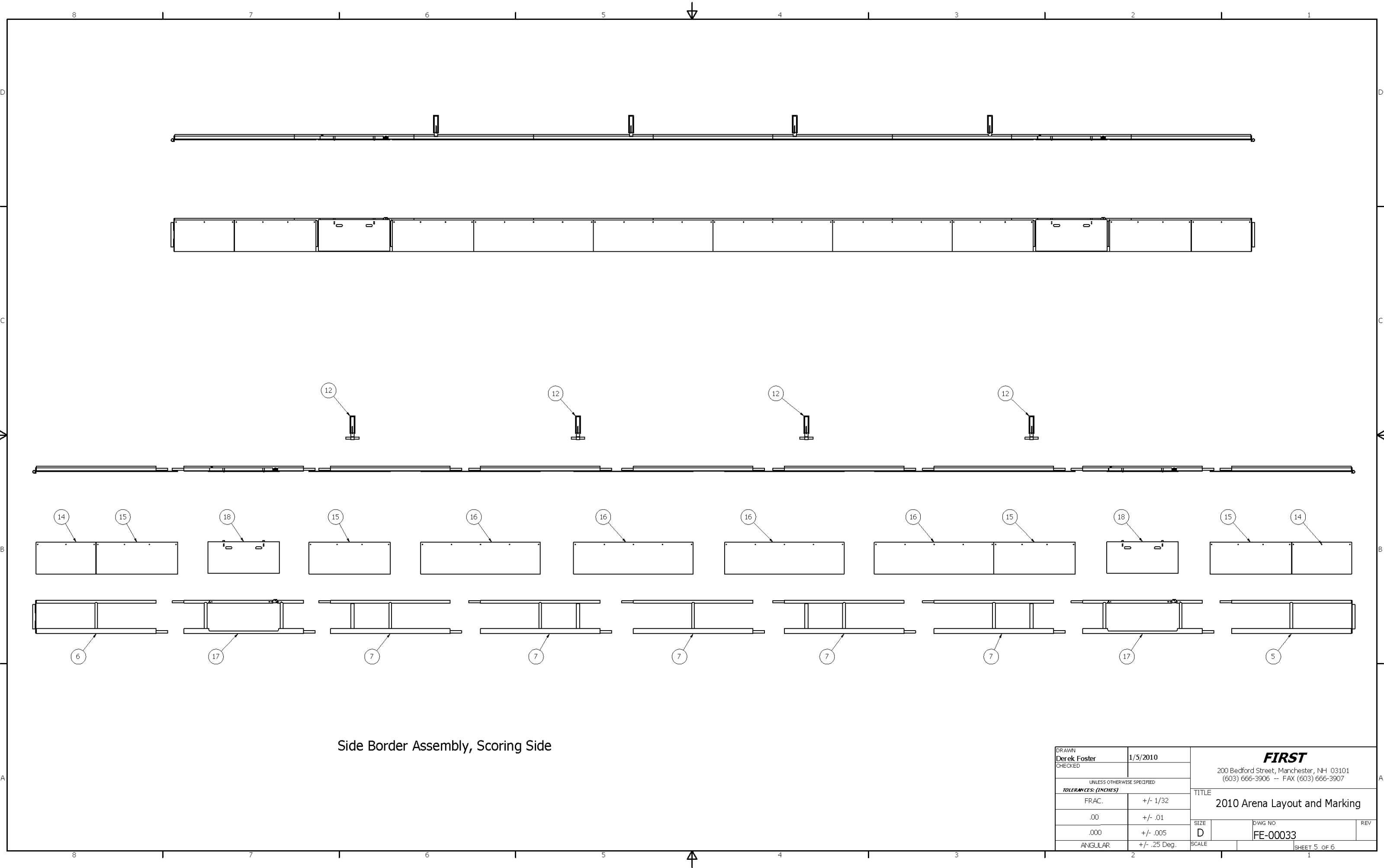


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TOLERANCES: (INCHES)					
FRAC.		+/- 1/32		SIZE	DWG NO
.00		+/- .01		D	FE-00033
.000		+/- .005			
ANGULAR		+/- .25 Deg.		SCALE	REV
2				SHEET 2 OF 6	



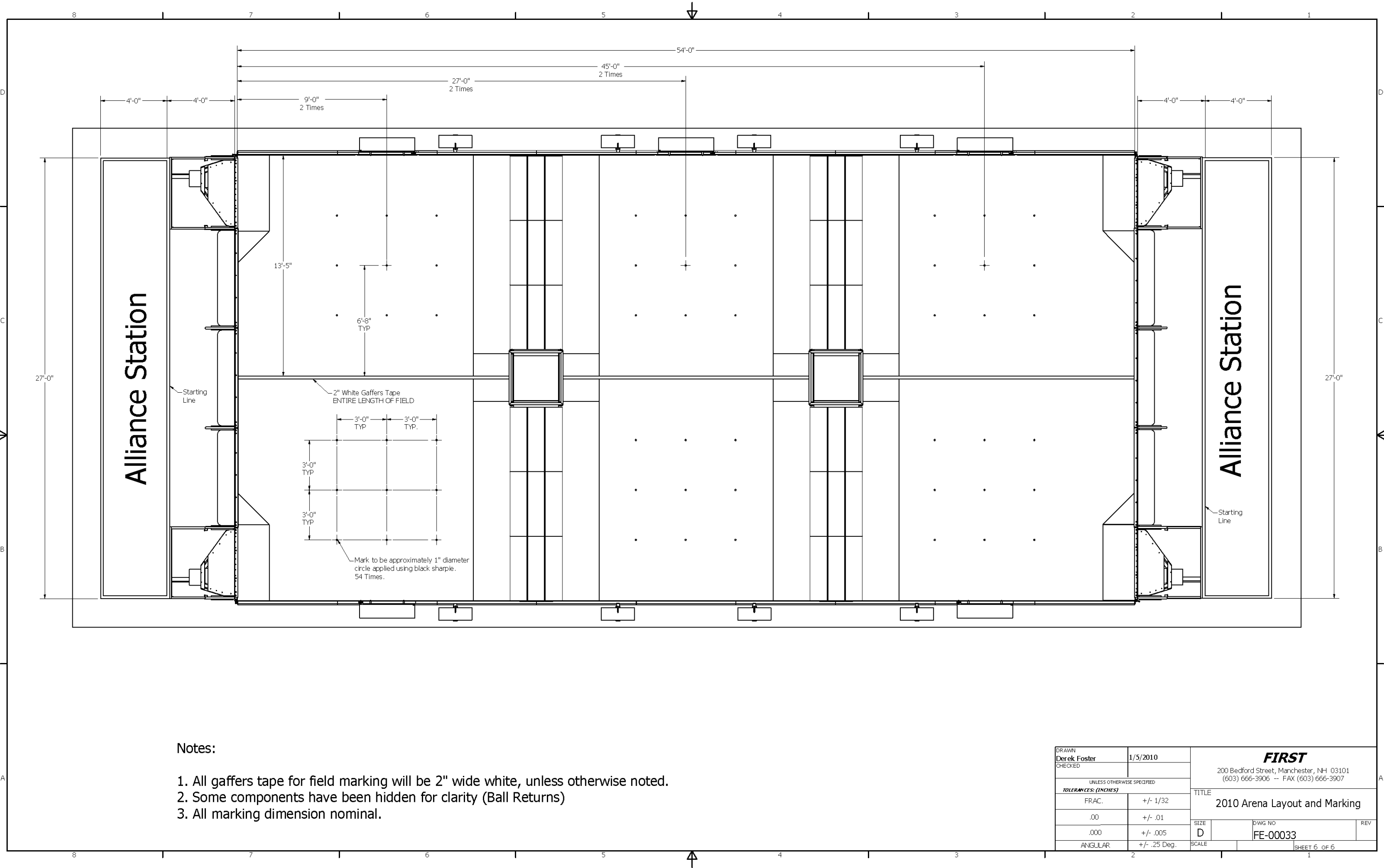
Side Border Assembly - Spectator Side

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TOLERANCES: (INCHES)		SIZE D	DWG NO FE-00033	REV
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 4 OF 6	



Side Border Assembly, Scoring Side

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TOLERANCES: (INCHES)						
FRAC.		+/- 1/32		SIZE D	DWG NO FE-00033	REV
.00		+/- .01				
.000		+/- .005				
ANGULAR		+/- .25 Deg.		SCALE	SHEET 5 OF 6	



Notes:

1. All gaffers tape for field marking will be 2" wide white, unless otherwise noted.
2. Some components have been hidden for clarity (Ball Returns)
3. All marking dimension nominal.

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FRAC.		+/- 1/32		SIZE D	DWG NO FE-00033	REV	
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE	SHEET 6 OF 6		