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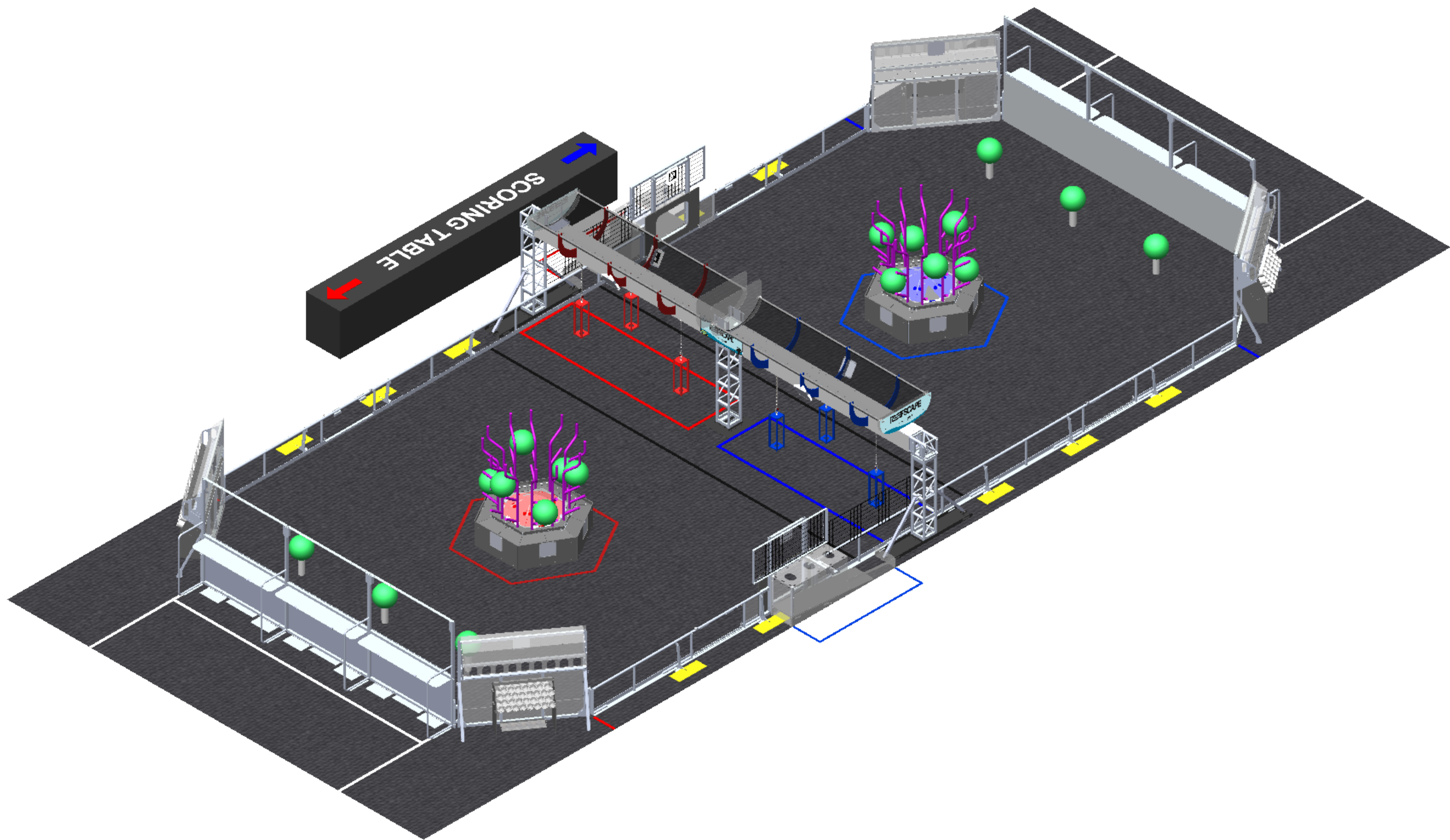
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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/2$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .50$

MATERIAL/FINISH:

DO NOT SCALE DRAWING

FIELD	NAME	DATE
DRAWN	DF	12/20/2024

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COMMENTS:
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TITLE:
2025 Field Layout and Marking

SIZE	DWG. NO.	REV
C	FE-2025	

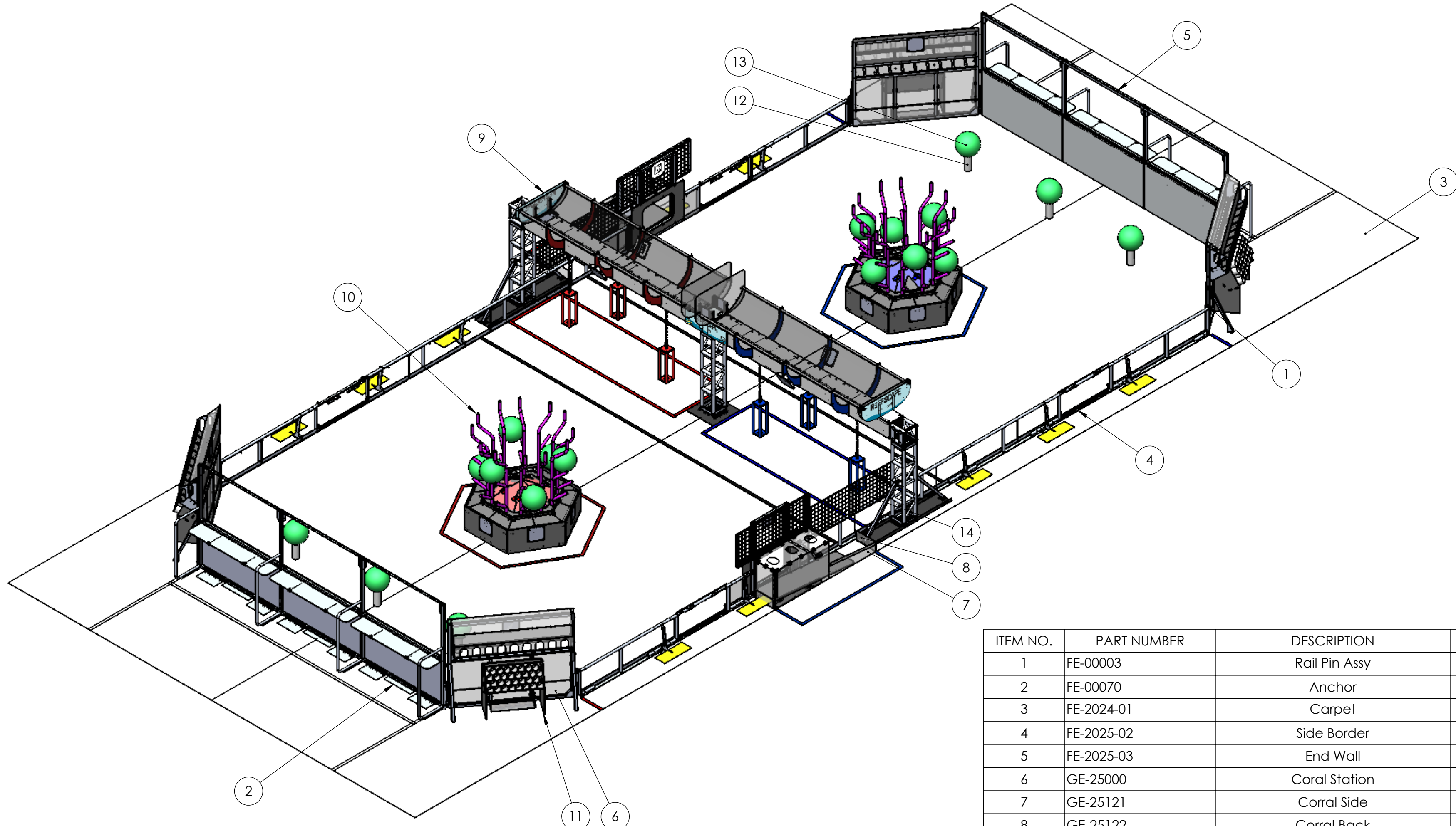
SCALE: 1:50 SHEET 1 OF 5

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FE-00003	Rail Pin Assy	8
2	FE-00070	Anchor	3
3	FE-2024-01	Carpet	2
4	FE-2025-02	Side Border	2
5	FE-2025-03	End Wall	2
6	GE-25000	Coral Station	4
7	GE-25121	Corral Side	2
8	GE-25122	Corral Back	2
9	GE-25200	Barge	1
10	GE-25300	Reef	2
11	GE-25410	Coral Holder	4
12	GE-25500	Coral	126
13	GE-25501	Algae	18
14	fence 2x6	ULINE Grid (Part# - H-4297)	2

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C	FE-2025			
SCALE: 1:50		SHEET 2 OF 5		

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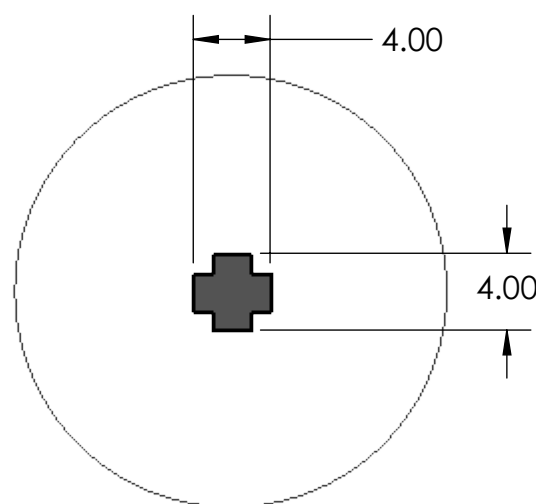
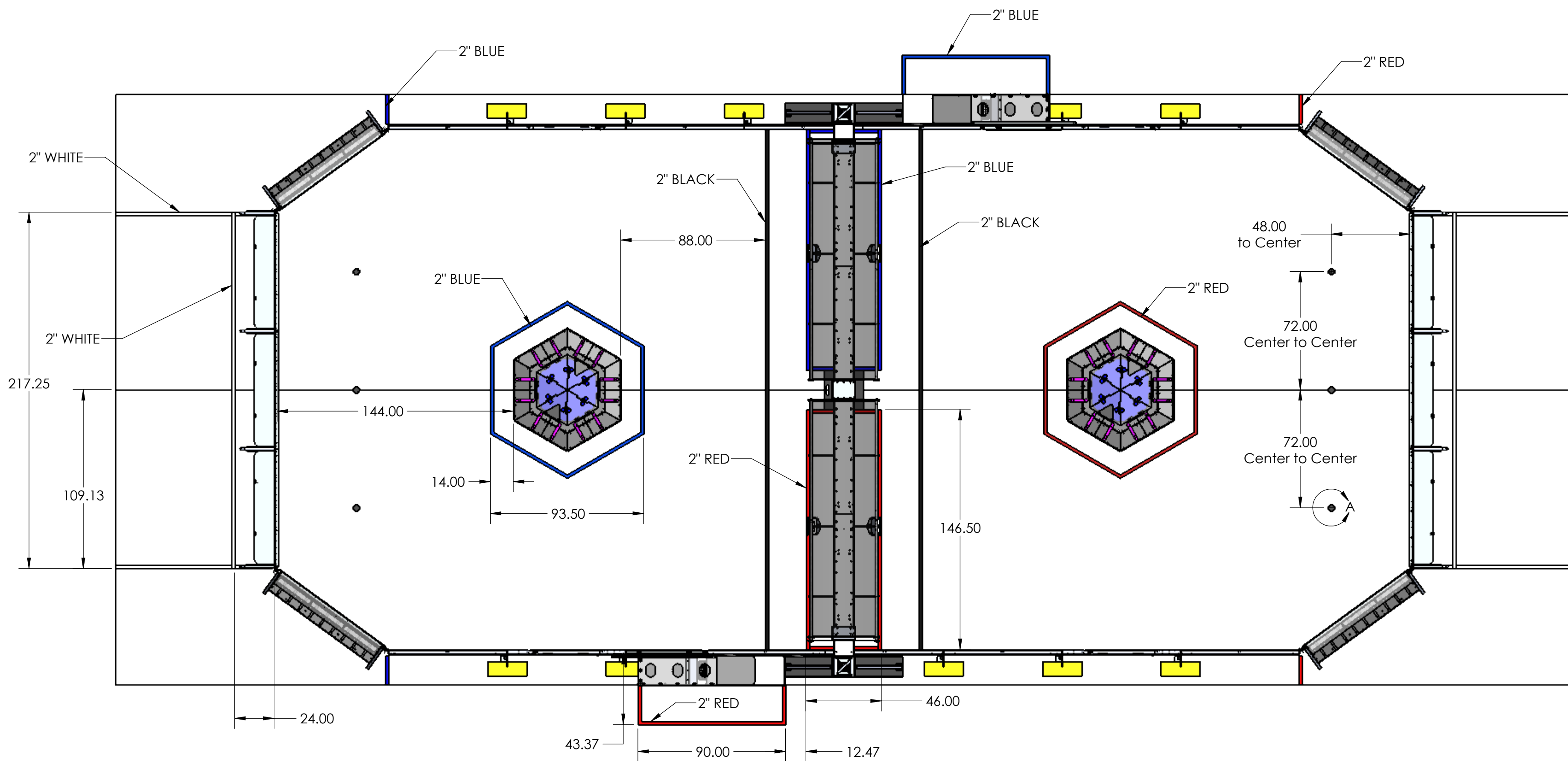
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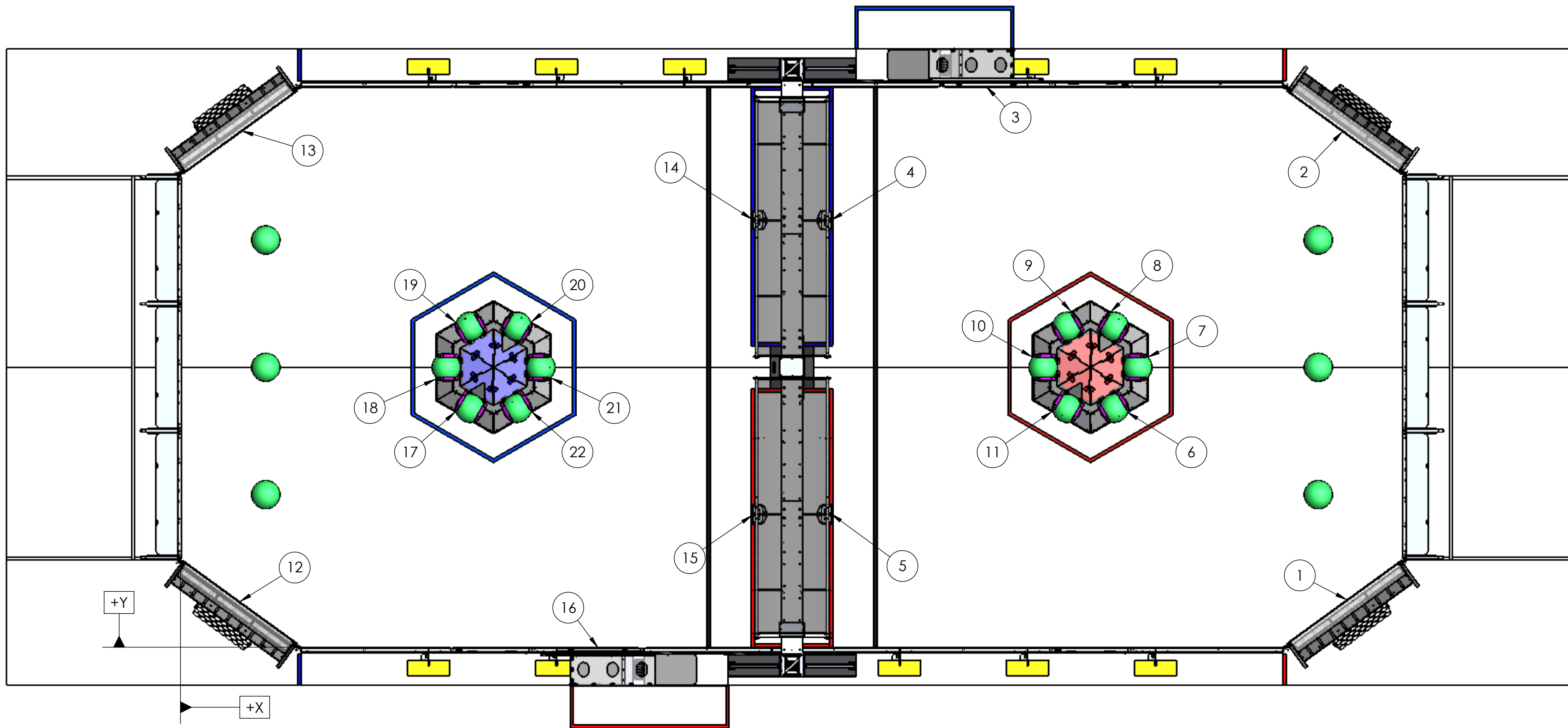
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DETAIL A
SCALE 1 : 10
TYP. 6 PLACES

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		SCALE: 1:50		SHEET 3 OF 5



April Tag Coordinates

The XYZ Origin is established in the bottom left corner of the field (as viewed in the image above). An x coordinate of 0 is aligned with the Blue Alliance Station diamond plate, A y coordinate of 0 is aligned with the side border polycarbonate on the Scoring Table side of the field. A z coordinate of 0 is on the carpet.

+Z is up into the air from the carpet, +X is horizontal to the right (in this image above) toward the opposing alliance stations, and +Y runs from the Field Border towards the REEFS. The face-pose of the tags is denoted with 1 degree representation, the Z-rotation. 0° faces the red alliance station, 90° faces the non-scoring table side, and 180° faces the blue alliance station. For the X-Rotation, 0° is perpendicular to the Z plane, and 90 degrees is facing the carpet. Distances are measured to the center of the tag.

ID	X	Y	Z	Z-Rotation	X-Rotation
1	657.37	25.80	58.50	126°	0°
2	657.37	291.20	58.50	234°	0°
3	455.15	317.15	51.25	270°	0°
4	365.20	241.64	73.54	0°	30°
5	365.20	75.39	73.54	0°	30°
6	530.49	130.17	12.13	300°	0°
7	546.87	158.50	12.13	0°	0°
8	530.49	186.83	12.13	60°	0°
9	497.77	186.83	12.13	120°	0°
10	481.39	158.50	12.13	180°	0°
11	497.77	130.17	12.13	240°	0°
12	33.51	25.80	58.50	54°	0°
13	33.51	291.20	58.50	306°	0°
14	325.68	241.64	73.54	180°	30°
15	325.68	75.39	73.54	180°	30°
16	235.73	-0.15	51.25	90°	0°
17	160.39	130.17	12.13	240°	0°
18	144.00	158.50	12.13	180°	0°
19	160.39	186.83	12.13	120°	0°
20	193.10	186.83	12.13	60°	0°
21	209.49	158.50	12.13	0°	0°
22	193.10	130.17	12.13	300°	0°

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 FRACTIONAL ± 1/2
 ANGULAR: MACH ± 1° BEND ± 1°
 TWO PLACE DECIMAL ± .50

MATERIAL/FINISH:

DO NOT SCALE DRAWING

FIELD	NAME	DATE
DRAWN	JO	12/20/2024

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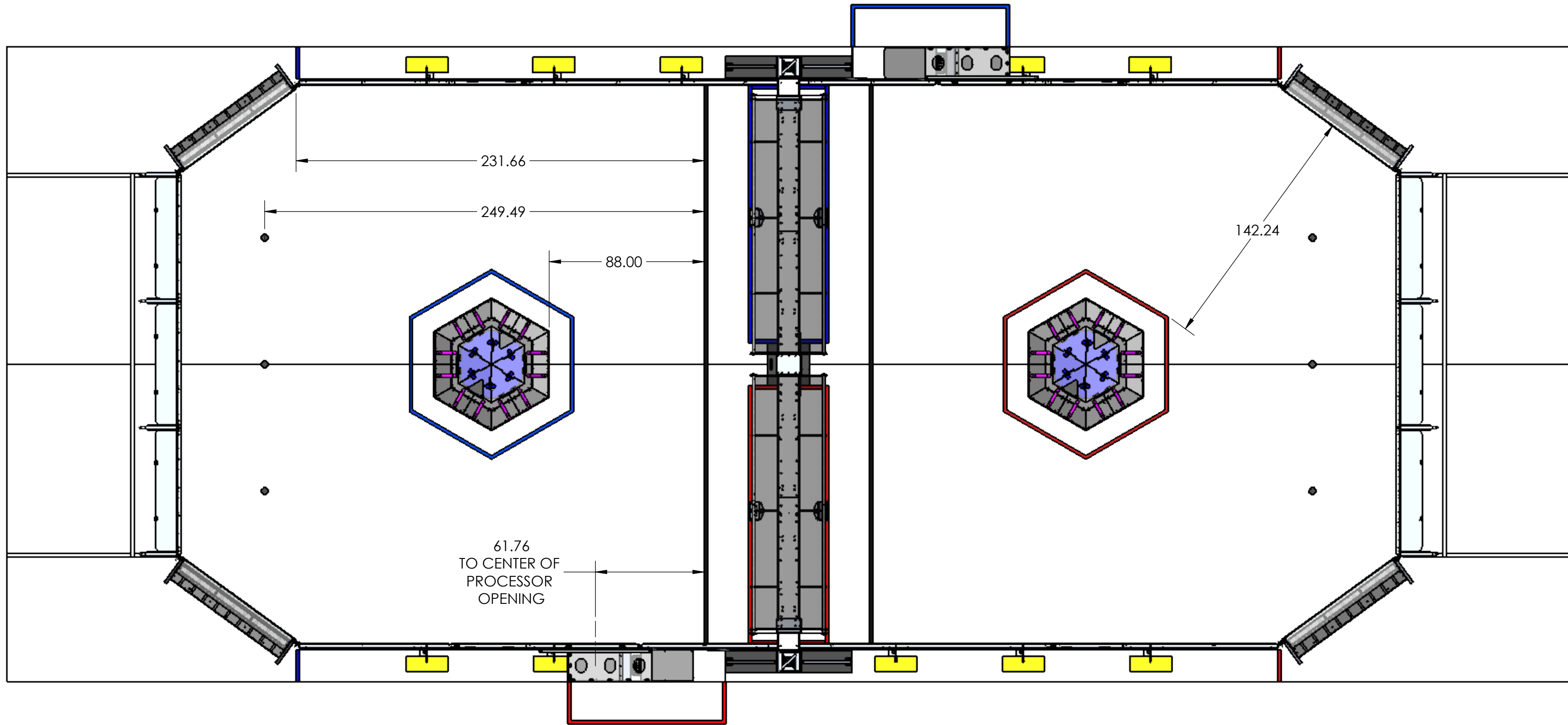
SCALE: 1:50 SHEET 4 OF 5



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	SCALE: 1:50		SHEET 5 OF 5	

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