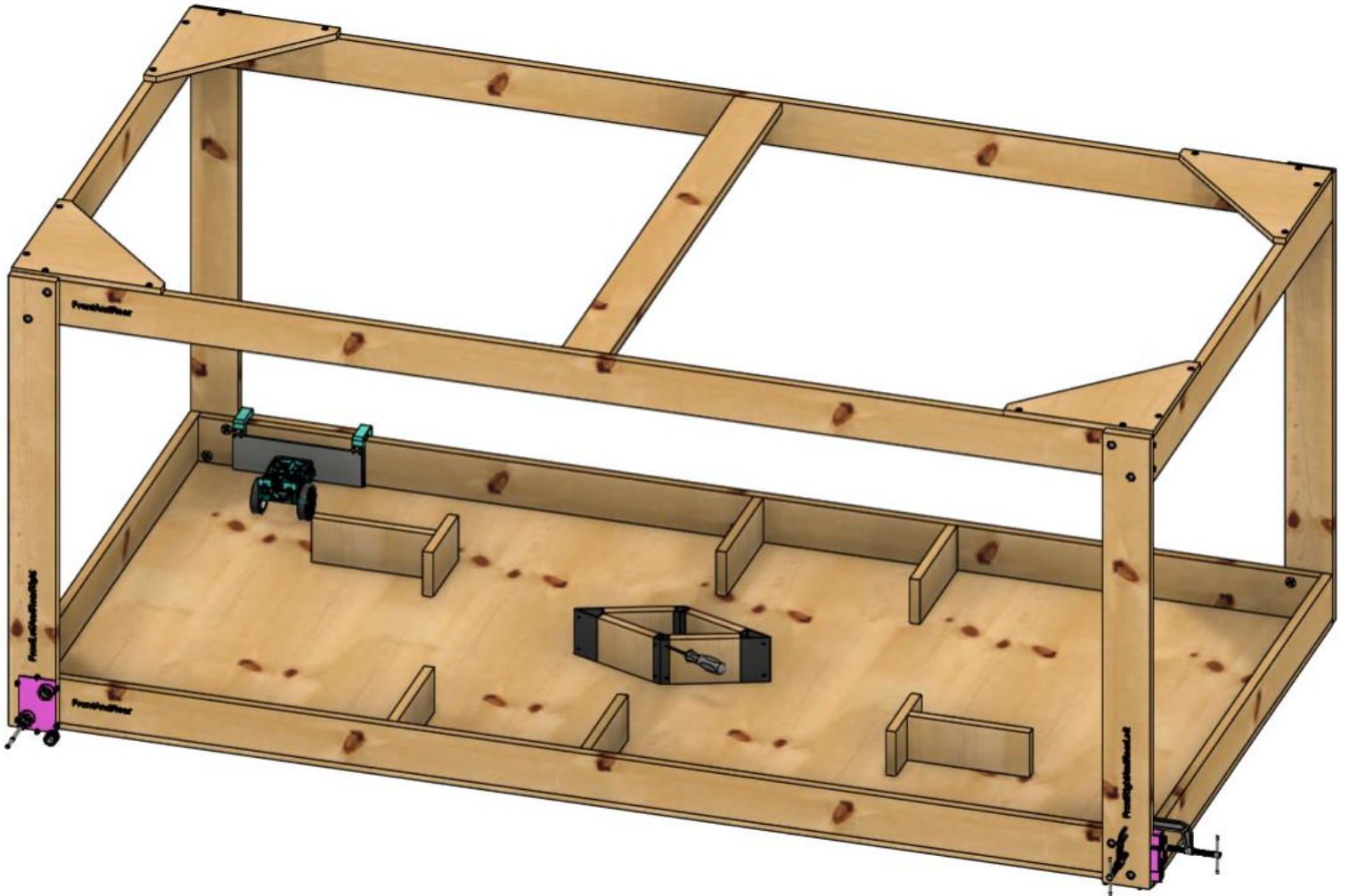
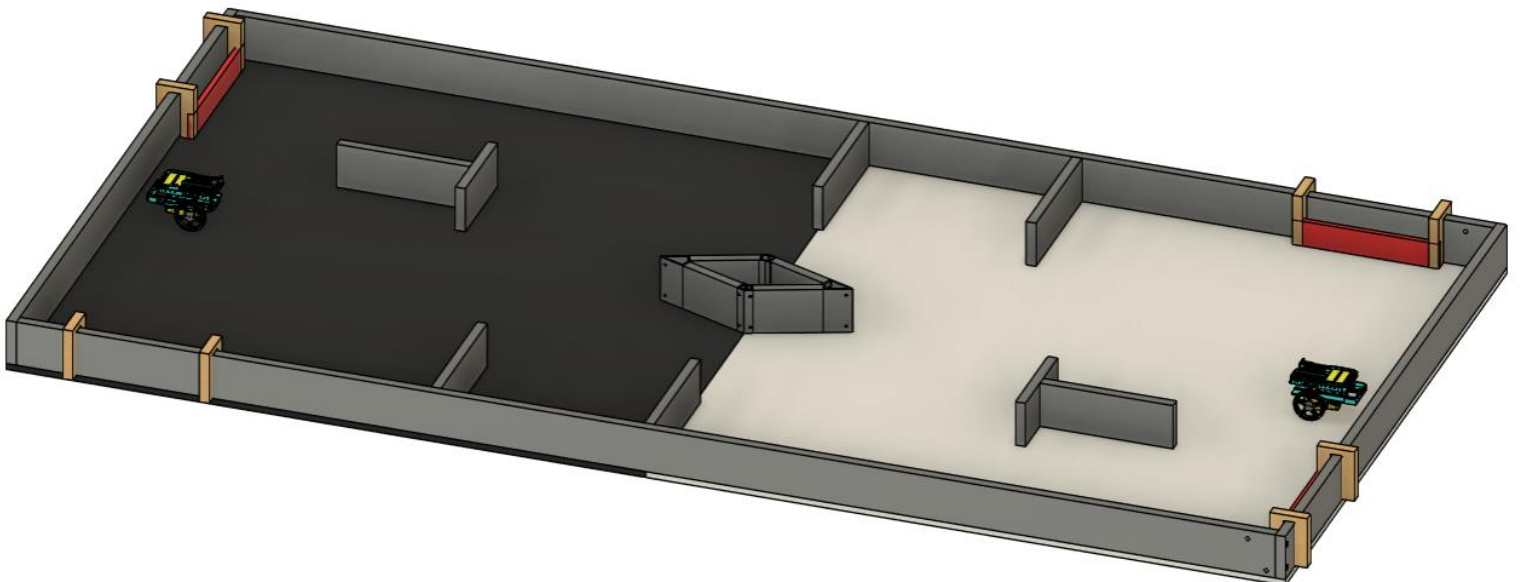
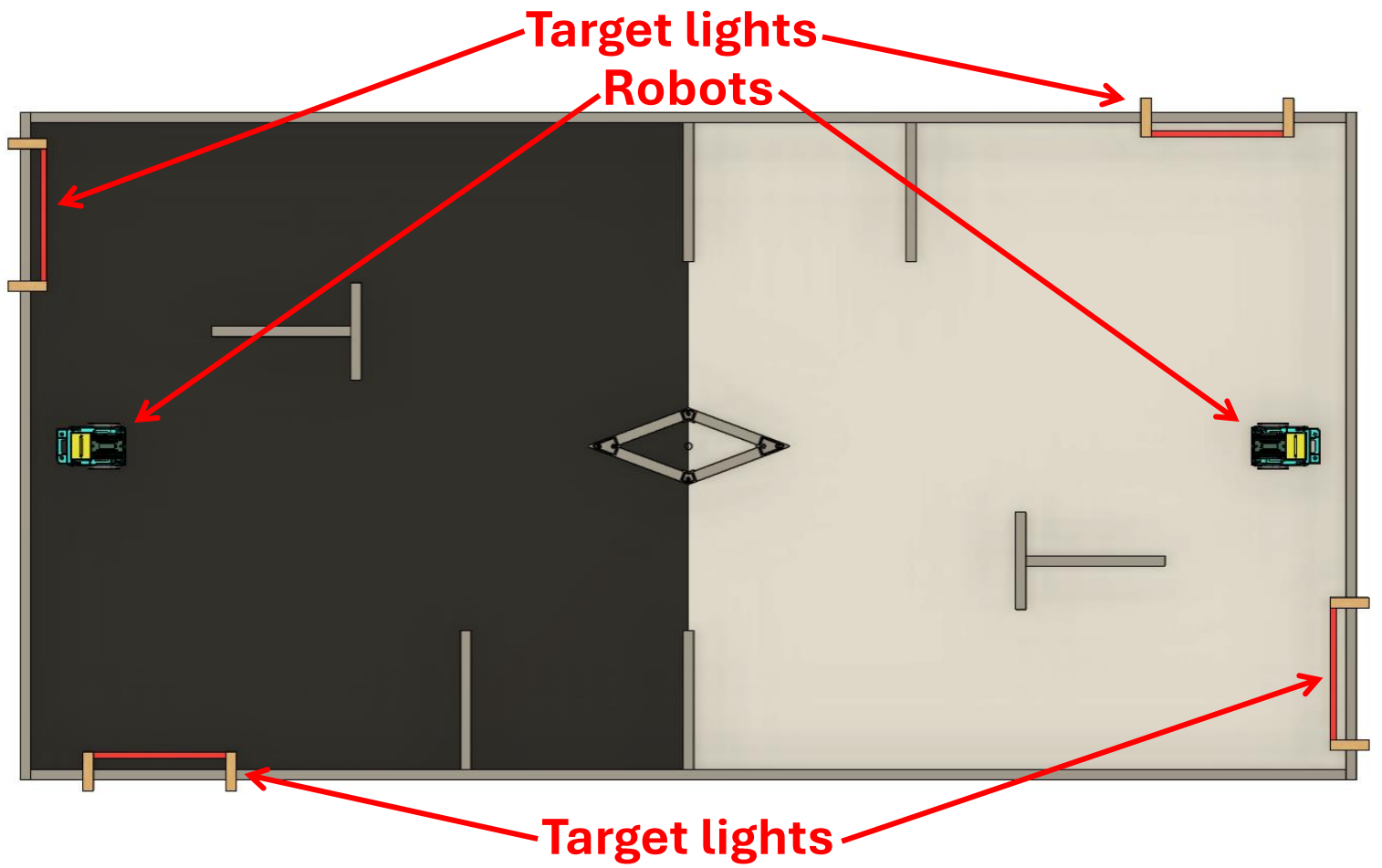


Robot Arena

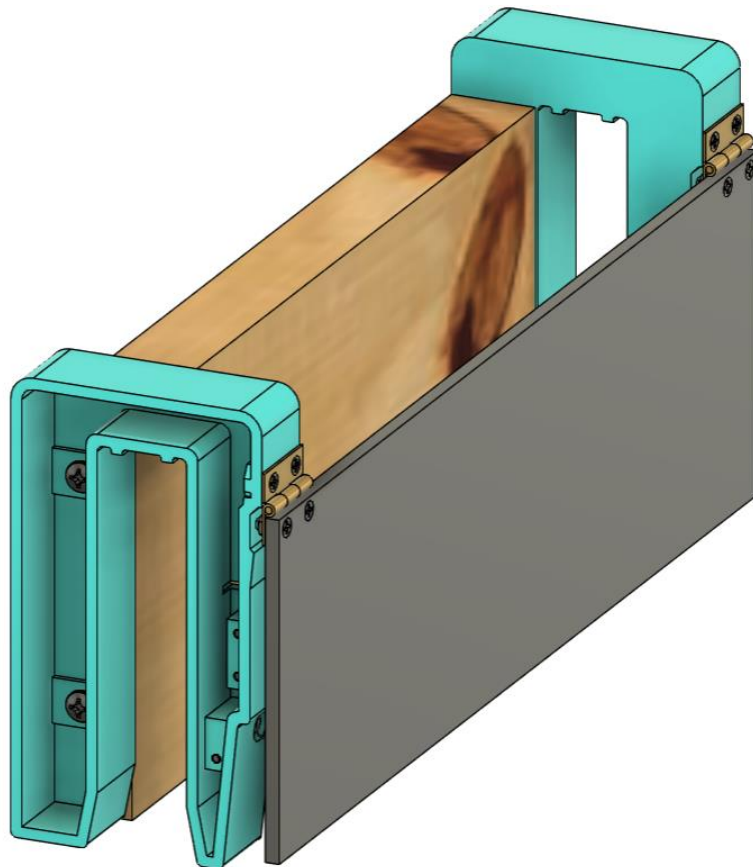


Base after painting





Target assembly (without light)



BOM (Bill Of Materials)

| Line | Qty | Type | Description | Part Num | Price |
|------|-----|----------|---|-----------|--------------|
| 1 | 8 | screw | 2-56 1/4"L FlatHead 82Deg Phillips 18-8SS | 91771A104 | \$5.09(100) |
| 2 | 16 | screw | #6 5/8"L RoundHead Torx T-15 18-8SS | 96001A406 | \$7.89(25) |
| 3 | 4 | screw | #6 5/8"L SheetMetal RoundHead Phillips Steel ZincPlated | 90190A150 | \$3.62(100) |
| 4 | 6 | screw | #2 5/8"L BluntSheetMetal RoundedHead Phillips 18-8SS | 92525A146 | \$5.92(100) |
| 5 | 20 | screw | #12 2"L FlatHead Phillips Steel ZincPlated | 90031A301 | \$22.47(100) |
| 6 | 16 | screw | 1/4-20 1-1/4"L HexHead Steel ZincPlated | 91236A544 | \$9.37(100) |
| 7 | 16 | nut | 1/4-20 TeeNut 3/4"FlangeDia 0.61"L Steel ZincPlated | 90975A029 | \$12.24(100) |
| 8 | 8 | nut | 2-56 3/16"W 1/16"H Steel ZincPlated | 90480A003 | \$3.33(100) |
| 9 | 16 | washer | #14 0.281"ID 0.563"OD 18-8SS | 92141A223 | \$7.81(100) |
| 10 | 1 | bar | 3"W 1/8"T UHMW Polyethylene Antistatic 3ft | 9542K782 | \$6.15(1) |
| 11 | 2 | spring | 0.5"L 0.18"OD 0.144"ID 1.2lb@0.29" Compression 302SS | 9435K24 | \$5.49(5) |
| 12 | 2 | hinge | 3/4"x5/16"Leaf Brass | 1603A2 | \$1.33(1) |
| 13 | 1 | wood | Plywood 1/2 x 42 x 84 (cut from 48" x 96") | | |
| 14 | 4 | wood | 1x4 5"L Diamond | | |
| 15 | 2 | wood | 1x4 9"L Tee | | |
| 16 | 2 | wood | 1x4 9"L Tee (1) | | |
| 17 | 4 | wood | 1x4 82.5"L FrontAndRear | | |
| 18 | 2 | wood | 1x4 48"L | | |
| 19 | 2 | wood | 1x4 8.75"L BarrierMid | | |
| 20 | 2 | wood | 1x4 8.75"L Barrier | | |
| 21 | 1 | wood | 1x4 42"L | | |
| 22 | 1 | wood | 1x4 40.5"L Top Mid | | |
| 23 | 1 | wood | 1x4 42"L Side | | |
| 24 | 4 | wood | 11" Top Corner | | |
| 25 | 2 | wood | 1x4 35.5"L FrontRightAndRearLeft | | |
| 26 | 2 | wood | 1x4x35.4 FrontRightAndRearLeft (1) | | |
| 27 | 1 | wood | 1x4 8"L SideLink | | |
| 28 | 2 | switch | Limit 0.780L 0.418H 0.252W | | |
| 29 | 1 | jig | Bottom | | |
| 30 | 1 | jig | Bottom2 | | |
| 31 | 1 | jig | CornerSupport | | |
| 32 | 2 | printABS | Diamond End | | |
| 33 | 2 | printABS | Diamond Side | | |
| 34 | 1 | printPLA | Side | | |
| 35 | 2 | printPLA | LimSwMount | | |
| 36 | 2 | printPLA | SpringMount | | |
| 37 | 1 | printPLA | Side Left | | |
| 38 | 1 | tool | Torx T15 BallTip Screwdriver 2.9"L 1/8"W | 37455A23 | \$8.84(1) |