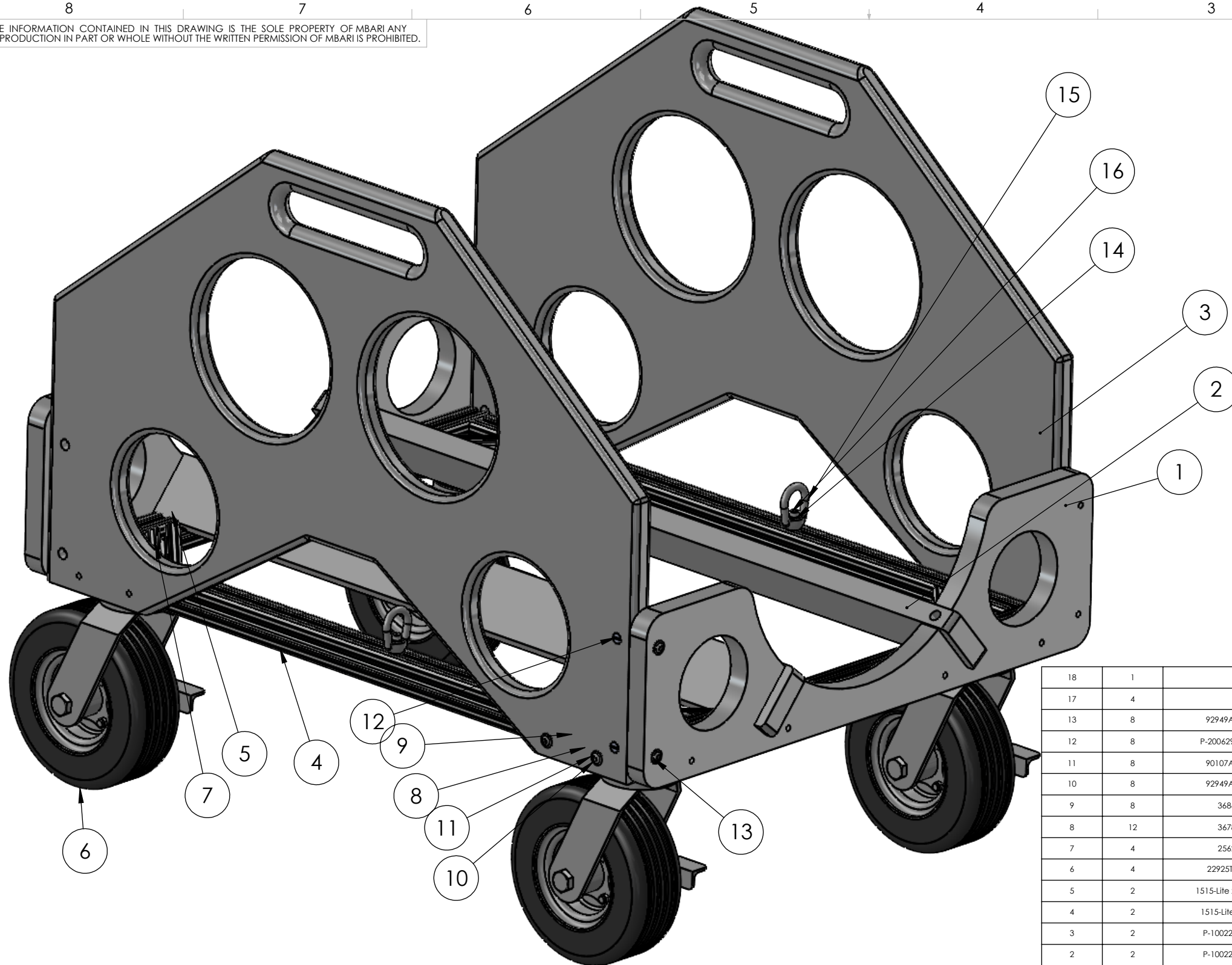


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| REVISIONS |                 |         |          |
|-----------|-----------------|---------|----------|
| REV.      | DESCRIPTION     | DATE    | APPROVED |
|           | INITIAL RELEASE | X/XX/00 | J.E.     |



|          |              |                   |                                               |                     |                   |
|----------|--------------|-------------------|-----------------------------------------------|---------------------|-------------------|
| 18       | 1            |                   |                                               |                     |                   |
| 17       | 4            |                   |                                               |                     |                   |
| 13       | 8            | 92949A552         | 1/4-20 Button Head Screw 2.25" long           | McMaster-Carr       | SST               |
| 12       | 8            | P-200629-08-7     | 0.5X1.0 1/4-20 Barrel Nut                     | Olander/MBARI Stock |                   |
| 11       | 8            | 90107A029         | 1/4-20 Flat Washer SST                        | McMaster-Carr       | 18-8 SST          |
| 10       | 8            | 92949A546         | 1/4-20 Button Head Screw 1-1/2" long 18-8 SST | McMaster-Carr       | 18-8 SST          |
| 9        | 8            | 3686              | 1/4-20 Slide in nut SST                       | 80/20 Inc.          | 304 SST.          |
| 8        | 12           | 3678              | 5/16-18 SST Nut                               | 80/20               |                   |
| 7        | 4            | 2562              | 1515-LITE                                     | 80/20 Inc.          | 6105 T-5 Aluminum |
| 6        | 4            | 22925T320         | Rotating Caster with brake                    | McMaster            |                   |
| 5        | 2            | 1515-Lite x 25.25 | LRAUV Cart Frame Short                        | 80/20 Inc.          | 6105-T5 Aluminum  |
| 4        | 2            | 1515-Lite X 32    | Dp LRAUV Cart Frame Long                      | 80/20 Inc.          | 6105-T5 Aluminum  |
| 3        | 2            | P-100221824       | Dp LRAUV Cart Side Panel                      | MBARI               | Black UHMW        |
| 2        | 2            | P-100221826       | Dp LRAUV Cart Skid Rail                       | MBARI               | Black UHMW        |
| 1        | 2            | P-100221823       | Dp LRAUV Cart End Plate                       | MBARI               | Black UHMW        |
| ITEM NO. | Default/QTY. | Part Number       | DESCRIPTION                                   | Vendor              | MATERIAL          |

## BILL OF MATERIALS

|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                  |             |             |     |                                                 |                                                                                       |                               |              |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|------------------|-------------|-------------|-----|-------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|--------------|
| <b>Shop / Q.C.</b>    |                  | <b>UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:</b>                                                                                                                                                                                                                                                                                               |                     |                      | <b>APPROVALS</b> |             | <b>DATE</b> |     | <b>Monterey Bay Aquarium Research Institute</b> |                                                                                       |                               |              |
| Inspector             |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                                                                                                                                                                                                           | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1°    | DRAWN       |             |     |                                                 |  |                               |              |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |                  | ENGINEER    |             |     |                                                 |                                                                                       |                               |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                  | CHECKED     |             |     |                                                 |                                                                                       |                               |              |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                  | PROJECT NO. |             |     |                                                 | LRAUV Cart                                                                            |                               |              |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                  | PROJECT     |             |     |                                                 |                                                                                       |                               |              |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |                  | WEIGHT      |             | lb. |                                                 | SIZE<br>B                                                                             | DWG. NO.                      | REV.         |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |                  |             |             |     |                                                 | SCALE 1:20                                                                            | CAD FILE: MECH ENG ON TORNADO | SHEET 1 OF 2 |

NOTES (CONT. FROM TITLE BLOCK)