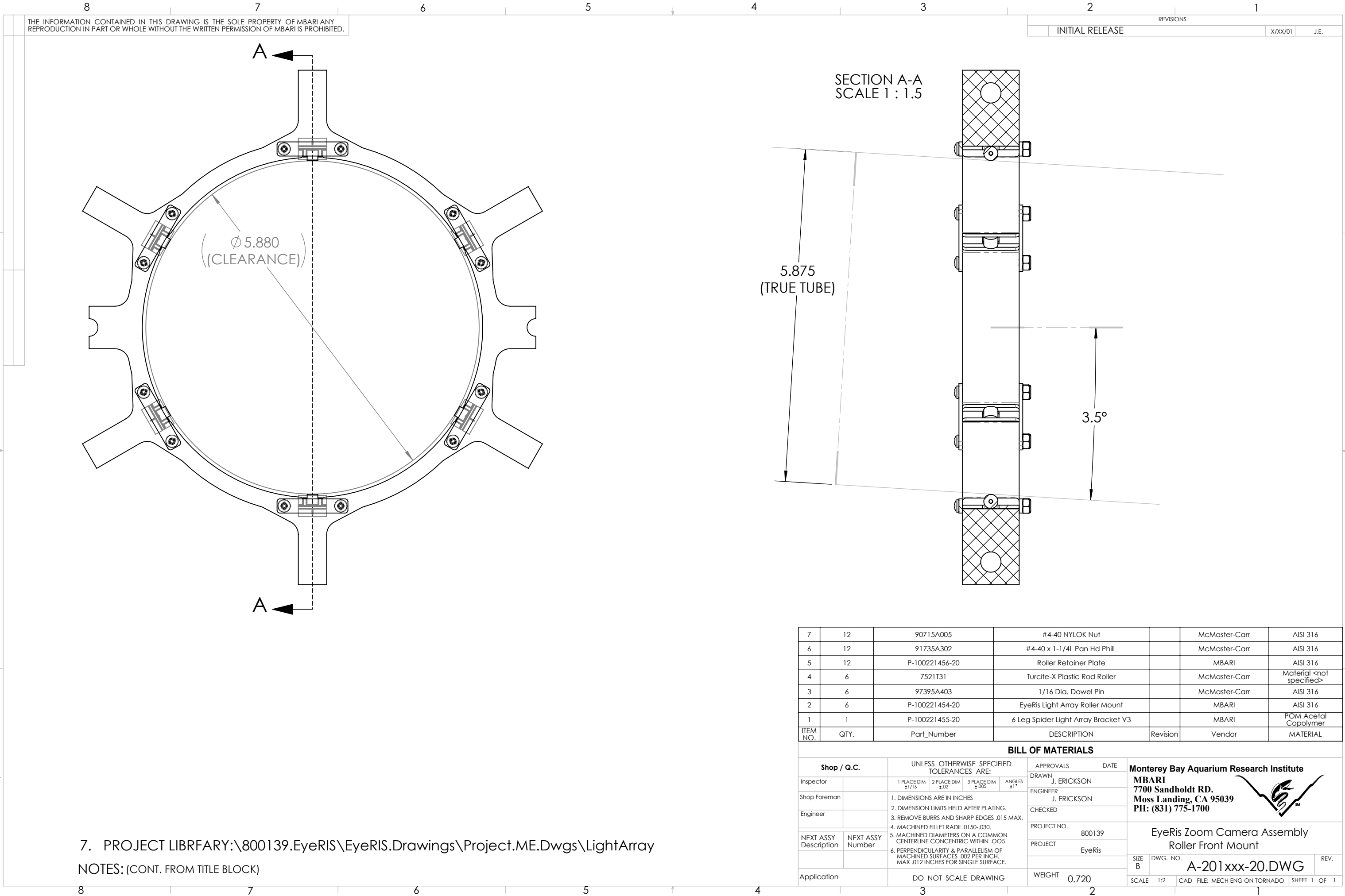




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REVISIONS

INITIAL RELEASE

X/XX/01

J.E.

SECTION A-A  
SCALE 1 : 1.5

5.875  
(TRUE TUBE)

3.5°

|          |      |                |                                     |          |               |                          |
|----------|------|----------------|-------------------------------------|----------|---------------|--------------------------|
| 7        | 12   | 90715A005      | #4-40 NYLOK Nut                     |          | McMaster-Carr | AISI 316                 |
| 6        | 12   | 91735A302      | #4-40 x 1-1/4L Pan Hd Phill         |          | McMaster-Carr | AISI 316                 |
| 5        | 12   | P-100221456-20 | Roller Retainer Plate               |          | MBARI         | AISI 316                 |
| 4        | 6    | 7521T31        | Turcite-X Plastic Rod Roller        |          | McMaster-Carr | Material <not specified> |
| 3        | 6    | 97395A403      | 1/16 Dia. Dowel Pin                 |          | McMaster-Carr | AISI 316                 |
| 2        | 6    | P-100221454-20 | EyeRis Light Array Roller Mount     |          | MBARI         | AISI 316                 |
| 1        | 1    | P-100221455-20 | 6 Leg Spider Light Array Bracket V3 |          | MBARI         | POM Acetal Copolymer     |
| ITEM NO. | QTY. | Part_Number    | DESCRIPTION                         | Revision | Vendor        | MATERIAL                 |

BILL OF MATERIALS

| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |               | APPROVALS   |             | DATE                                                                 |              | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI</div> <div>7700 Sandholdt RD.</div> <div>Moss Landing, CA 95039</div> <div>PH: (831) 775-1700</div> <div></div> |      |  |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------|-------------|----------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN       | J. ERICKSON |                                                                      |              |                                                                                                                                                                                                                                                                     |      |  |
| 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    | J. ERICKSON | <div>EyeRis Zoom Camera Assembly</div> <div>Roller Front Mount</div> |              |                                                                                                                                                                                                                                                                     |      |  |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | CHECKED     |             |                                                                      |              |                                                                                                                                                                                                                                                                     |      |  |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO. | 800139      |                                                                      |              |                                                                                                                                                                                                                                                                     |      |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT     | EyeRis      |                                                                      |              |                                                                                                                                                                                                                                                                     |      |  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |               | WEIGHT      | 0.720       | SIZE<br>B                                                            | DWG. NO.     | A-201xxx-20.DWG                                                                                                                                                                                                                                                     | REV. |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SCALE       | 1:2         | CAD FILE: MECH ENG ON TORNADO                                        | SHEET 1 OF 1 |                                                                                                                                                                                                                                                                     |      |  |

7. PROJECT LIBRFARY:\800139.EyeRIS\EyeRIS.Drawings\Project.ME.Dwgs\LightArray

NOTES: (CONT. FROM TITLE BLOCK)