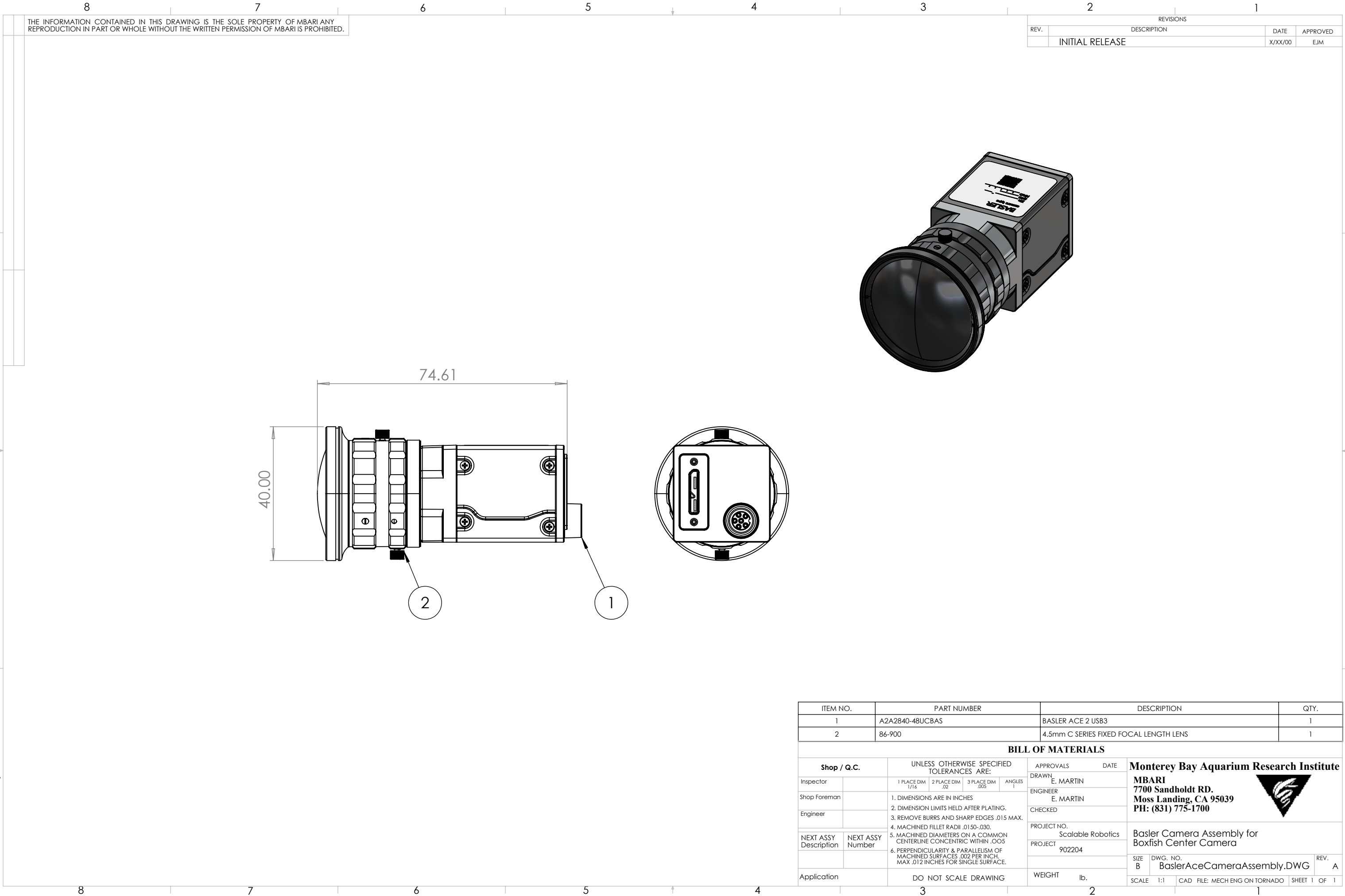




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| REVISIONS |                 |         |          |
|-----------|-----------------|---------|----------|
| REV.      | DESCRIPTION     | DATE    | APPROVED |
|           | INITIAL RELEASE | X/XX/00 | EJM      |

| ITEM NO. | PART NUMBER     | DESCRIPTION                            | QTY. |
|----------|-----------------|----------------------------------------|------|
| 1        | A2A2840-48UCBAS | BASLER ACE 2 USB3                      | 1    |
| 2        | 86-900          | 4.5mm C SERIES FIXED FOCAL LENGTH LENS | 1    |

BILL OF MATERIALS

| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                    | APPROVALS           | DATE         | Monterey Bay Aquarium Research Institute |                                                                                                         |           |      |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|--------------|------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------|------|
| Inspector             |                  | 1 PLACE DIM<br>1/16                                                                                                                                                                                                                                                                                                                             | 2 PLACE DIM<br>.02 | 3 PLACE DIM<br>.005 | ANGLES<br>1° | DRAWN<br>E. MARTIN                       | <b>MBARI</b><br><b>7700 Sandholdt RD.</b><br><b>Moss Landing, CA 95039</b><br><b>PH: (831) 775-1700</b> |           |      |
| 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<br>E. MARTIN                    |                                                                                                         |           |      |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                    |                     |              | CHECKED                                  |                                                                                                         |           |      |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                    |                     |              | PROJECT NO.<br>Scalable Robotics         | Basler Camera Assembly for<br>Boxfish Center Camera                                                     |           |      |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                    |                     |              | PROJECT<br>902204                        |                                                                                                         |           |      |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                    | WEIGHT              | lb.          | SIZE<br>B                                | DWG. NO.<br>BaslerAceCameraAssembly.DWG                                                                 | REV.<br>A |      |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                    | SCALE               | 1:1          | CAD                                      | FILE: MECH ENG ON TORNADO                                                                               | SHEET 1   | OF 1 |