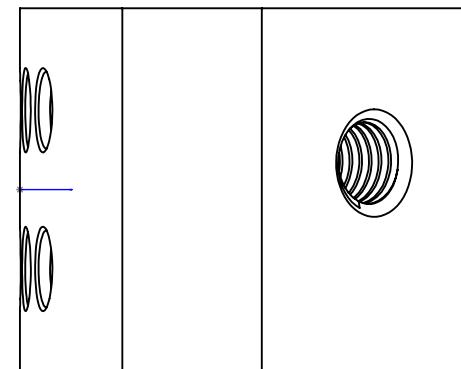
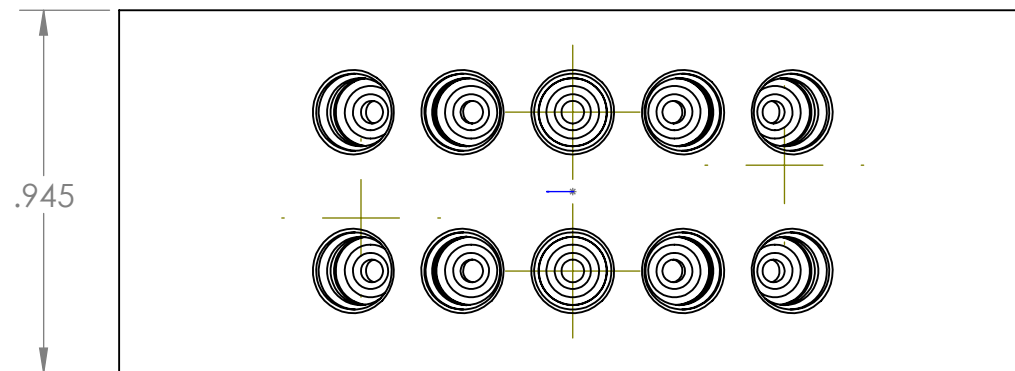
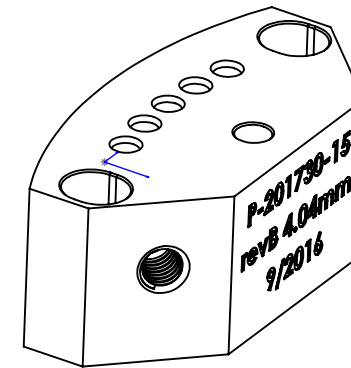
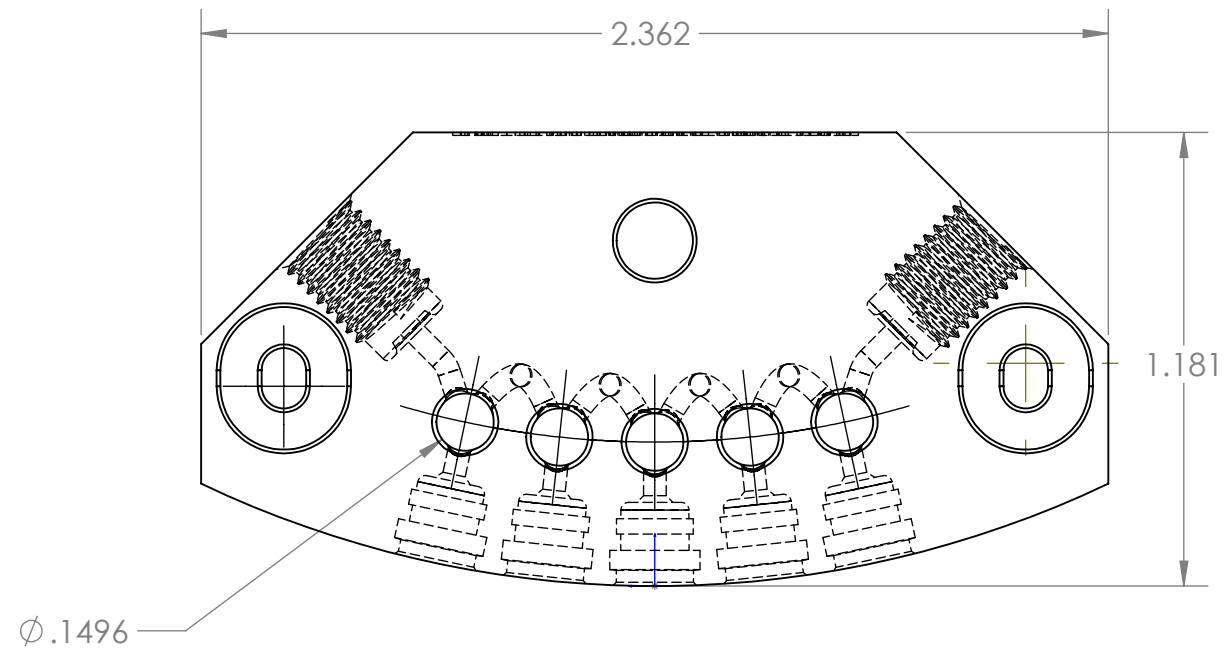


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| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |



Location: X:\ESP\G3-ESP\Solidworks files\Turbine\Arrayvalve\

Status:

Material:

Last Saved: 9/8/2016 10:49:10 AM

| BILL OF MATERIALS                                                                                                                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               |                                                                   |                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NEXT ASSY Description                                                                                                              | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                                                                              |                     |                      |               | APPROVALS DATE                                                    | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>PH: (831) 775-1700</div> <div></div> |
|                                                                                                                                    |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                                                                                                                                                                                                                                                                   | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN 3/24/2015                                                   |                                                                                                                                                                                                                                                |
| <div>THIRD ANGLE PROJECTION</div> <div></div> |                  | <div>1. DIMENSIONS ARE IN INCHES</div> <div>2. DIMENSION LIMITS HELD AFTER PLATING.</div> <div>3. REMOVE BURRS AND SHARP EDGES .015 MAX.</div> <div>4. MACHINED FILLET RADII .0150-.030.</div> <div>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005</div> <div>6. PERPENDICULARITY &amp; PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.</div> |                     |                      |               | ENGINEER                                                          |                                                                                                                                                                                                                                                |
|                                                                                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | CHECKED                                                           |                                                                                                                                                                                                                                                |
|                                                                                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | PROJECT NO.                                                       |                                                                                                                                                                                                                                                |
|                                                                                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | PROJECT                                                           | <div>P-201730-15revB</div> <div><div>SIZE B</div><div>DWG. NO.</div><div>REV.</div></div>                                                                                                                                                      |
|                                                                                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | WEIGHT                                                            |                                                                                                                                                                                                                                                |
|                                                                                                                                    |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | <div>SCALE 2:1</div> <div>CAD FILE:</div> <div>SHEET 1 OF 1</div> |                                                                                                                                                                                                                                                |