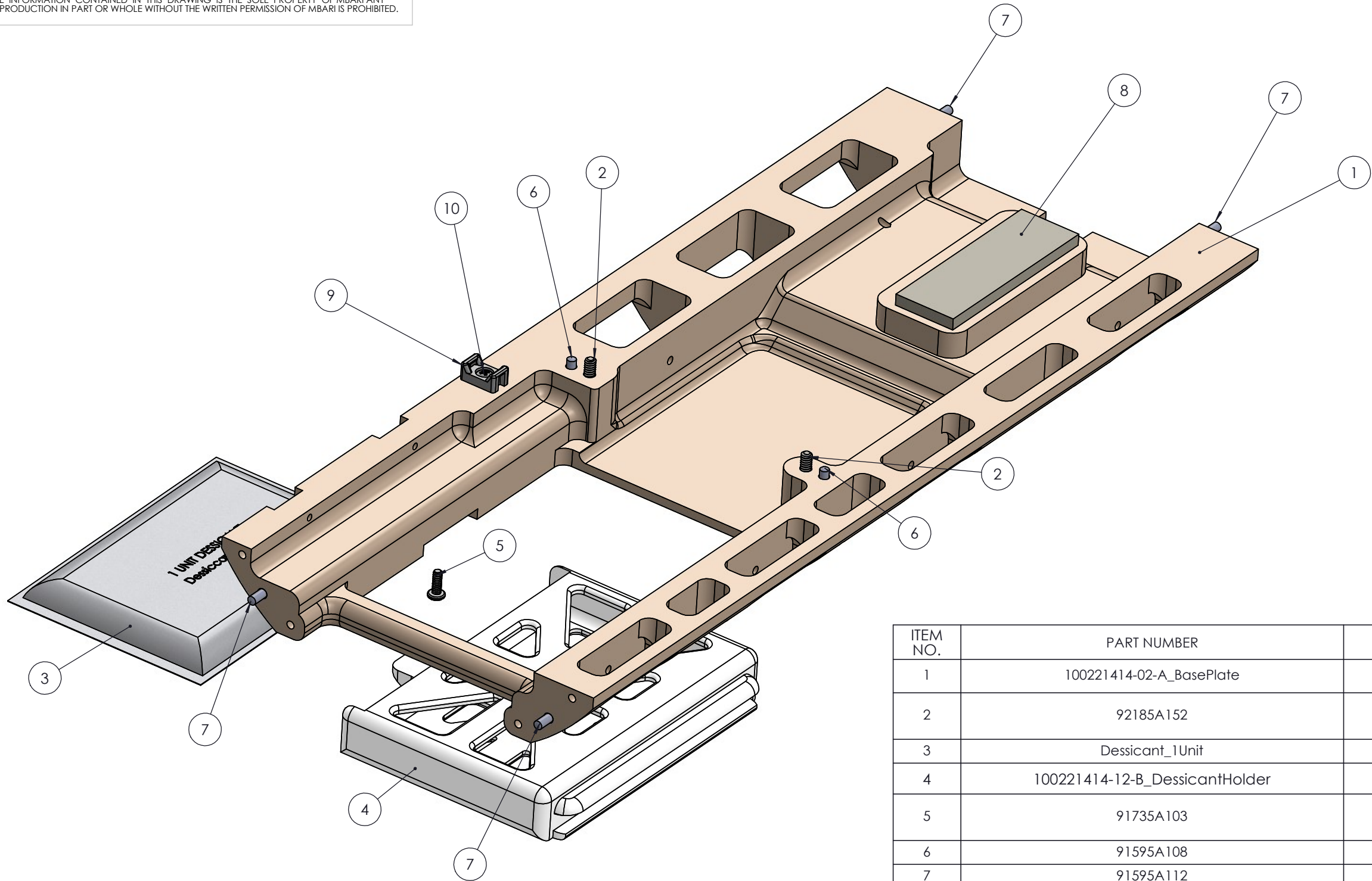


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| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV.      | DESCRIPTION | DATE       | APPROVED |
| B         | XX          | XX/XX/202X |          |
| C         | XX          | XX/XX/202X |          |



| ITEM NO. | PART NUMBER                         | DESCRIPTION                                 | QTY. |
|----------|-------------------------------------|---------------------------------------------|------|
| 1        | 100221414-02-A_BasePlate            | MBARI base plate                            | 1    |
| 2        | 92185A152                           | #6-32x0.875_316_SocketHeadCapScrew          | 2    |
| 3        | Dessicant_1Unit                     | 1 unit dessicant pak                        | 1    |
| 4        | 100221414-12-B_DessicantHolder      | MBARI dessicant holder                      | 1    |
| 5        | 91735A103                           | #4-40x0.3125_316_PanHeadPhillipsScrew       | 1    |
| 6        | 91595A108                           | M3x10mm_AlloySteelDowelPin                  | 2    |
| 7        | 91595A112                           | M3x12mm_AlloySteelDowelPin                  | 4    |
| 8        | 100221414-47-E_ThermalPad_4mmx22x65 | Thermal pad cut from DigikeyPN_1168-2209-ND | 1    |
| 9        | 1873N51                             | #4_FlameRetardantCableMount                 | 1    |
| 10       | 91735A101                           | #4-40x0.1875_316_PanHeadPhilipsMachineScrew | 1    |

NOTE 1. SOLID MODEL LOCATION:  
\\atlas\ProjectLibrary\902001\_4K\_ROVCameraDevelopment  
\\EngineeringDesignDocuments\MechanicalDesign\4K\_CameraChassis\100221414-03-A\_BasePlateAssembly.SLDASM

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| Shop / Q.C.              |                     | BILL OF MATERIALS<br>UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE:                                                                                                                                                                                                                                                                                     |                      |                      |               | APPROVALS                       |               | DATE               |
|--------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|---------------|---------------------------------|---------------|--------------------|
| Inspector                |                     | 1 PLACE DIM<br>±.016                                                                                                                                                                                                                                                                                                                                   | 2 PLACE DIM<br>±.005 | 3 PLACE DIM<br>±.003 | ANGLE<br>±.1° | DRAWN<br>MRC                    |               | 01/18/2021         |
| 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 RADI .015-.020.<br>5. MACHINED DIAMETERS ON A COMMON<br>CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF<br>MACHINED SURFACES .002 PER INCH<br>MAX .012 INCHES FOR SINGLE SURFACE. |                      |                      |               | ENGINEER<br>MARK R. CHAFFEY     |               |                    |
| Engineer                 |                     |                                                                                                                                                                                                                                                                                                                                                        |                      |                      |               | (831) 775-1708<br>mrc@mbari.org |               |                    |
| NEXT ASSY<br>Description | NEXT ASSY<br>Number |                                                                                                                                                                                                                                                                                                                                                        |                      |                      |               | PROJECT No.                     | 902001        |                    |
| APPLICATION              |                     | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                   |                      |                      |               | PROJECT Name                    | 4K ROV CAMERA |                    |
|                          |                     |                                                                                                                                                                                                                                                                                                                                                        |                      |                      |               | SIZE<br>C                       | DWG. NO.      | 100221414-03-A-ASM |
|                          |                     |                                                                                                                                                                                                                                                                                                                                                        |                      |                      |               | SCALE                           | CAD FILE:     | REV. A             |
|                          |                     |                                                                                                                                                                                                                                                                                                                                                        |                      |                      |               | SHEET 1 OF 1                    |               |                    |

