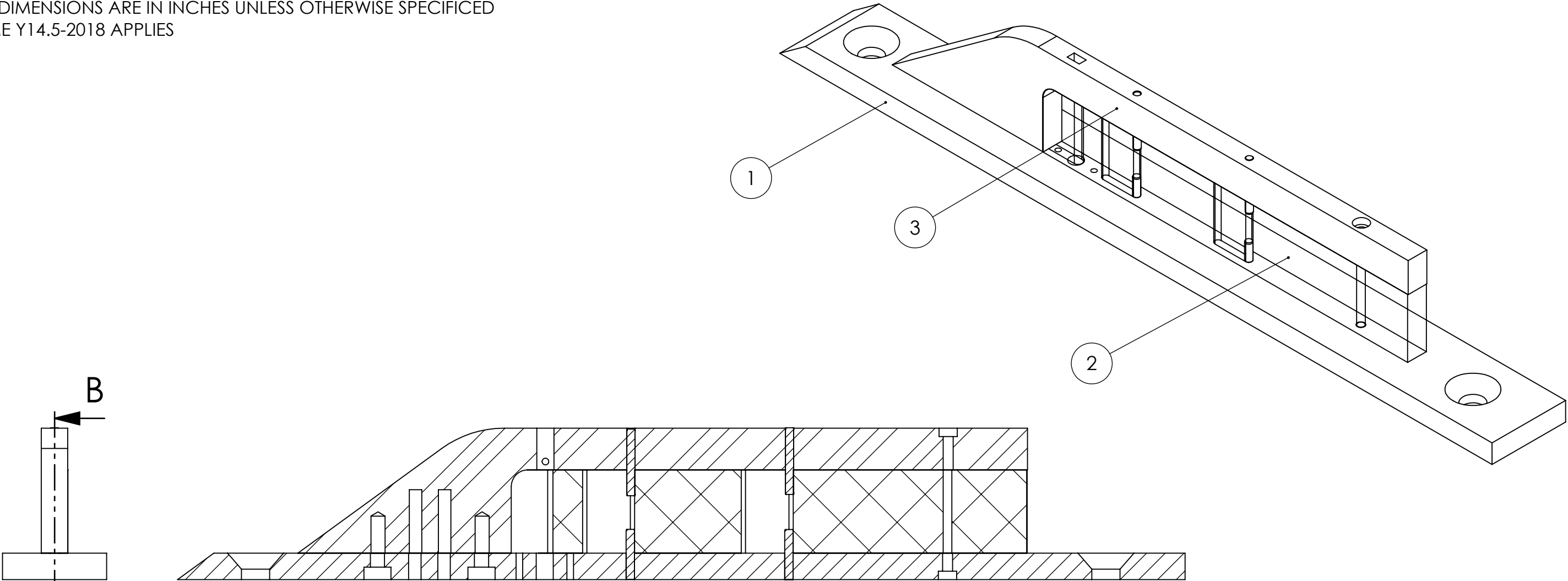


1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFICED
2. ASME Y14.5-2018 APPLIES



SECTION B-B

|                      |            |                    |                               |                                  |
|----------------------|------------|--------------------|-------------------------------|----------------------------------|
| 1                    | 1          | ANTENNA BASE       |                               | UCF MACHINE SHOP                 |
| 2                    | 1          | ANTENNA DIELECTRIC |                               | UCF MACHINE SHOP                 |
| 3                    | 1          | ANTENNA TOP        |                               | UCF MACHINE SHOP                 |
| ITEM                 | QTY        | DESCRIPTION        | PART NO.                      | COMMENTS                         |
| BILL OF MATERIALS    |            |                    |                               |                                  |
| PROJECTION           |            | TOLERANCES         |                               | DEBURR AND BREAK ALL SHARP EDGES |
|                      |            | .X<br>±.1          | .XX<br>±.05                   | .XXX<br>±.005                    |
|                      |            | ANG<br>±.5°        | TELEMETRY LTI                 |                                  |
| NAME                 |            | DATE               | TITLE                         |                                  |
| DRW'N                | VERA FODOR | 1/5/2024           | 433IFA_V8_CAD                 |                                  |
| CHK'D                |            |                    | ASSY PART NO.                 |                                  |
| APRV'D               |            |                    | 1-3                           |                                  |
| MFG'D                |            |                    | SHEET 1 OF 4 KXR STD DWG V4.1 |                                  |
| DO NOT SCALE DRAWING |            | WEIGHT: [#:#]      | SCALE: [1:1]                  |                                  |

**PROPRIETARY INFORMATION**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KNIGHTS EXPERIMENTAL ROCKETRY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KNIGHTS EXPERIMENTAL ROCKETRY IS PROHIBITED.

10mm  
.5 IN

|           |     |                 |          |            |
|-----------|-----|-----------------|----------|------------|
| -         | 1   | INITIAL RELEASE | 1/5/2024 | VERA FODOR |
| ZONE      | REV | DESCRIPTION     | DATE     | BY         |
| REVISIONS |     |                 |          |            |

F

- E

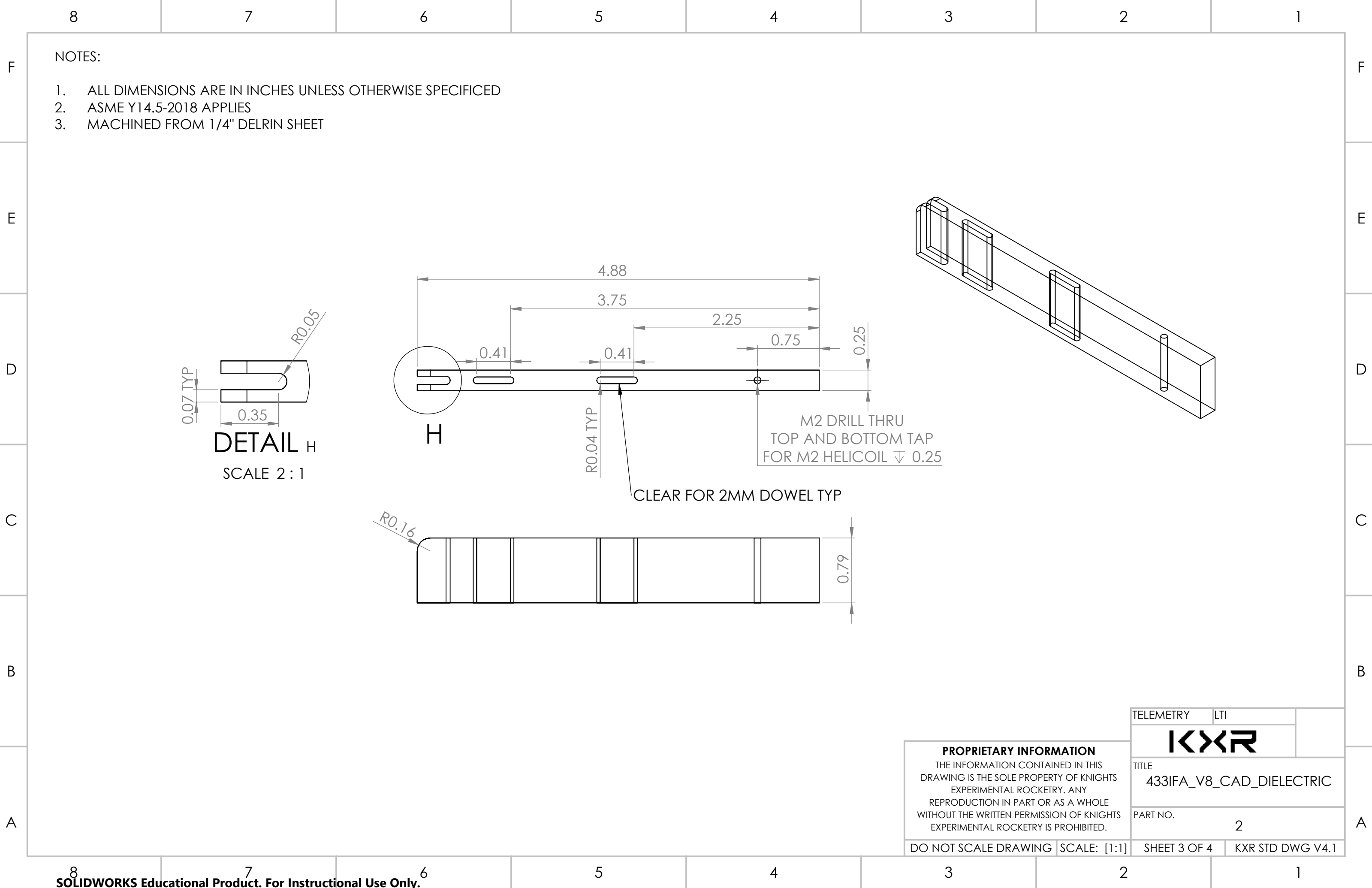
D

C

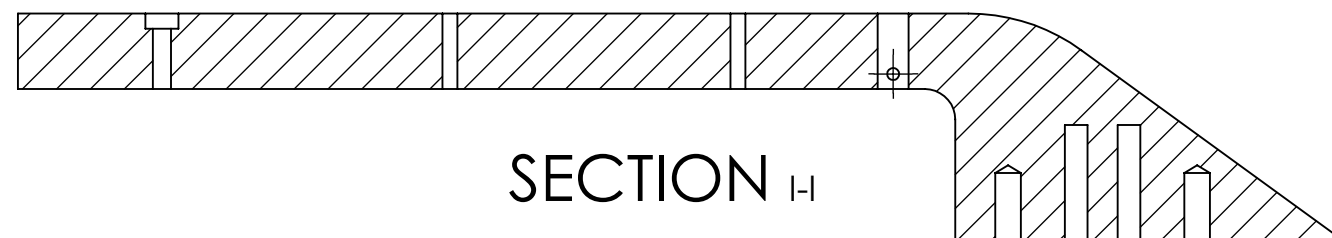
B

A

KXR STD DWG V4.1



1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
2. ASME Y14.5-2018 APPLIES
3. MACHINED FROM 1/4" ALUMINUM PLATE



|                                                                                       |              |                  |
|---------------------------------------------------------------------------------------|--------------|------------------|
| TELEMETRY                                                                             | LT1          |                  |
|  |              |                  |
| TITLE                                                                                 |              |                  |
| 433IFA_V8_CAD_TOP                                                                     |              |                  |
| PART NO.                                                                              |              |                  |
| 3                                                                                     |              |                  |
| 1                                                                                     | SHEET 4 OF 4 | KXR STD DWG V4.1 |