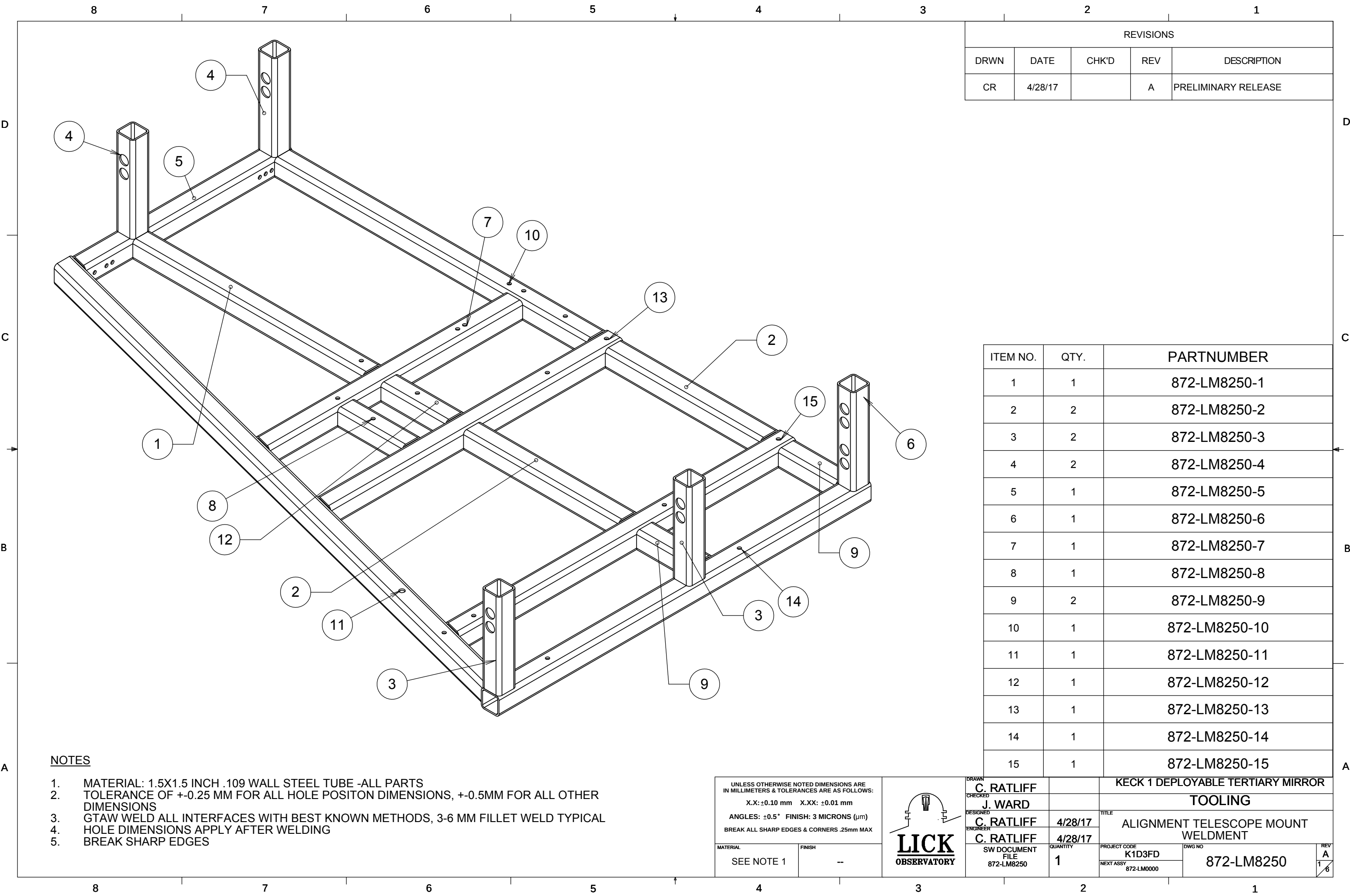




| REVISIONS |         |       |     |                     |
|-----------|---------|-------|-----|---------------------|
| DRWN      | DATE    | CHK'D | REV | DESCRIPTION         |
| CR        | 4/28/17 |       | A   | PRELIMINARY RELEASE |

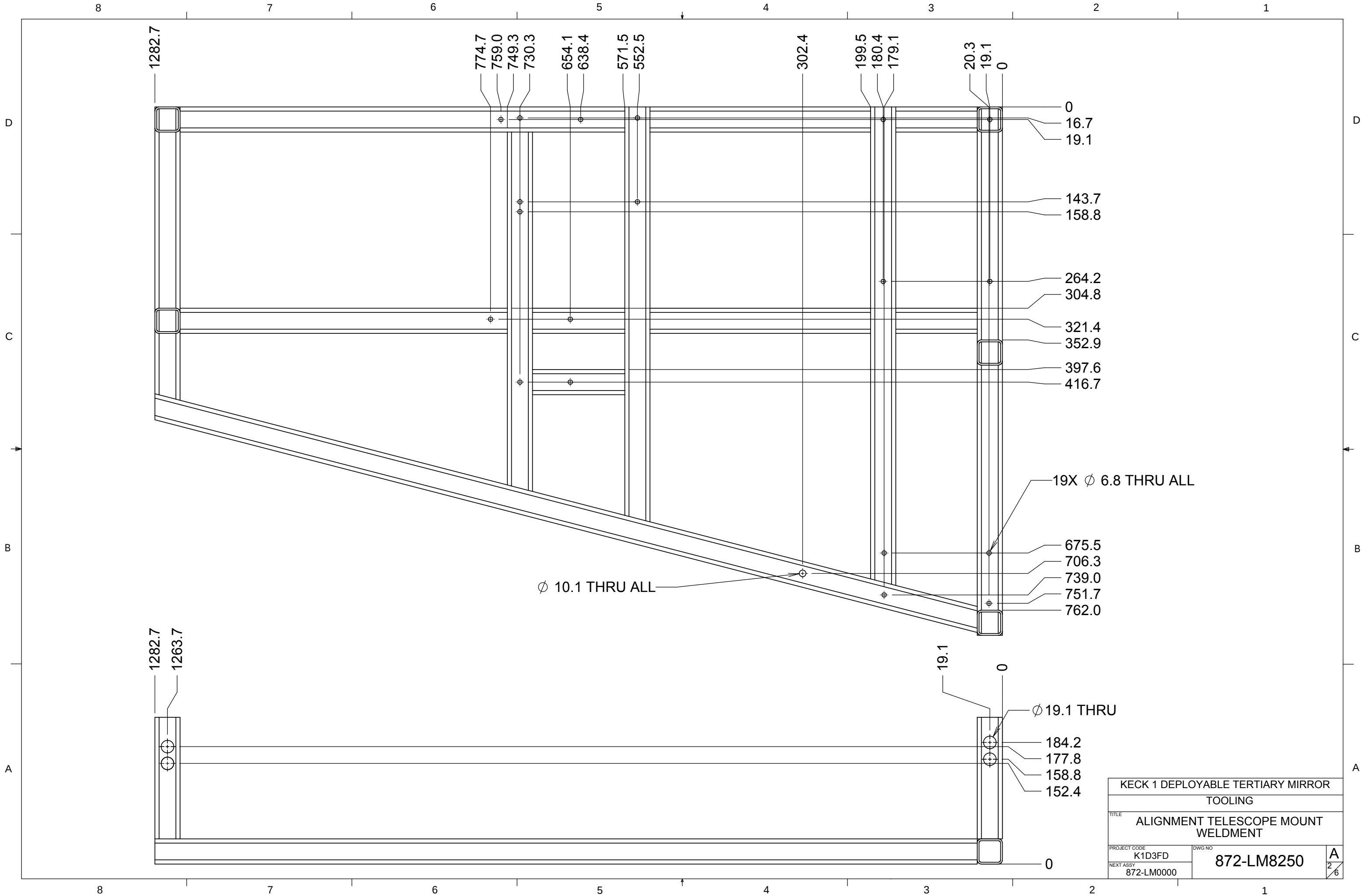
| ITEM NO. | QTY. | PARTNUMBER    |
|----------|------|---------------|
| 1        | 1    | 872-LM8250-1  |
| 2        | 2    | 872-LM8250-2  |
| 3        | 2    | 872-LM8250-3  |
| 4        | 2    | 872-LM8250-4  |
| 5        | 1    | 872-LM8250-5  |
| 6        | 1    | 872-LM8250-6  |
| 7        | 1    | 872-LM8250-7  |
| 8        | 1    | 872-LM8250-8  |
| 9        | 2    | 872-LM8250-9  |
| 10       | 1    | 872-LM8250-10 |
| 11       | 1    | 872-LM8250-11 |
| 12       | 1    | 872-LM8250-12 |
| 13       | 1    | 872-LM8250-13 |
| 14       | 1    | 872-LM8250-14 |
| 15       | 1    | 872-LM8250-15 |

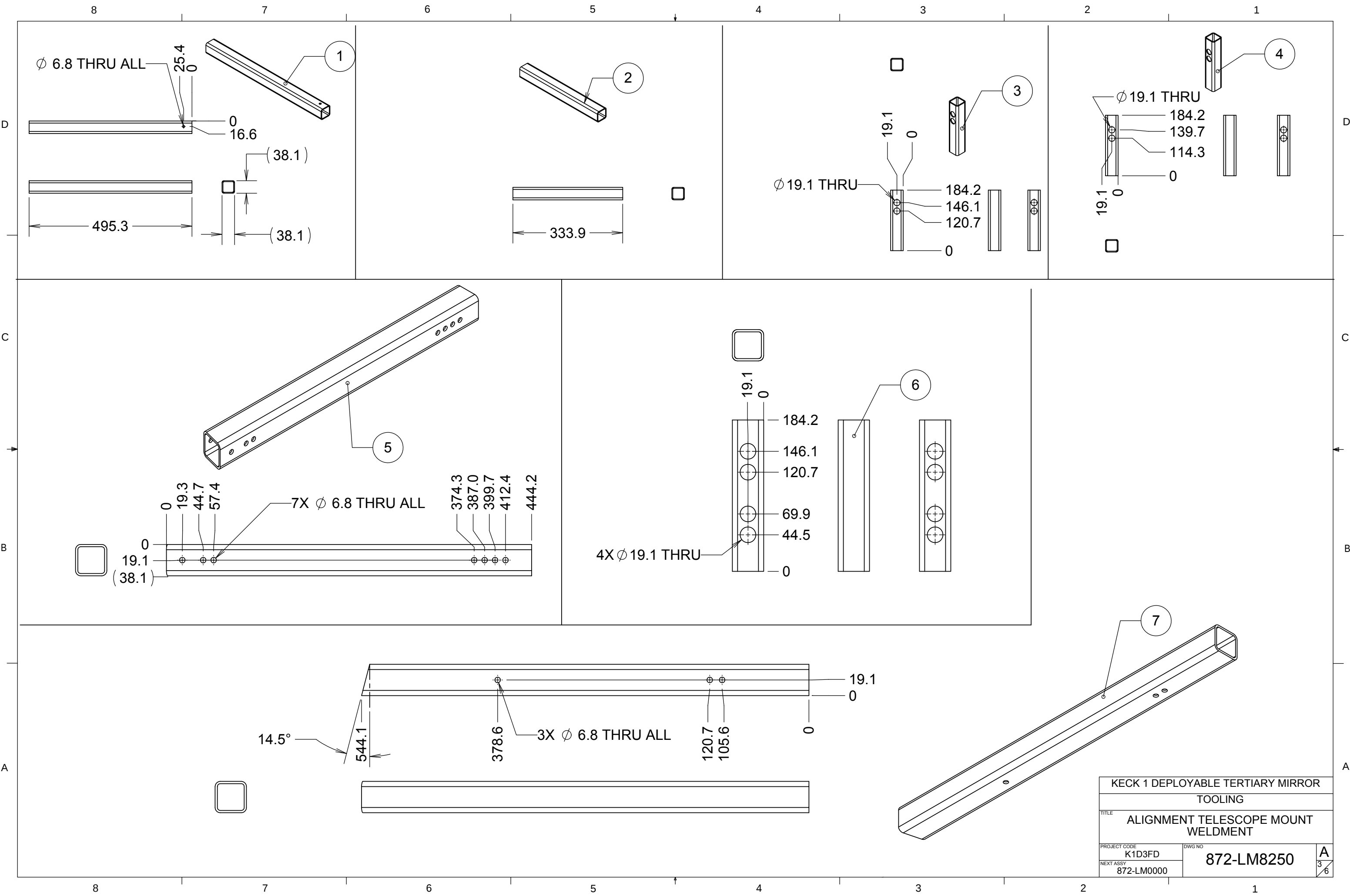
- NOTES**
- MATERIAL: 1.5X1.5 INCH .109 WALL STEEL TUBE -ALL PARTS
  - TOLERANCE OF +-.0.25 MM FOR ALL HOLE POSITON DIMENSIONS, +-.0.5MM FOR ALL OTHER DIMENSIONS
  - GTAW WELD ALL INTERFACES WITH BEST KNOWN METHODS, 3-6 MM FILLET WELD TYPICAL
  - HOLE DIMENSIONS APPLY AFTER WELDING
  - BREAK SHARP EDGES

|                                                                                                                                                                                                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE AS FOLLOWS:<br>X.X: ±0.10 mm X.XX: ±0.01 mm<br>ANGLES: ±0.5° FINISH: 3 MICRONS (µm)<br>BREAK ALL SHARP EDGES & CORNERS .25mm MAX |              |
| MATERIAL<br>SEE NOTE 1                                                                                                                                                                                 | FINISH<br>-- |

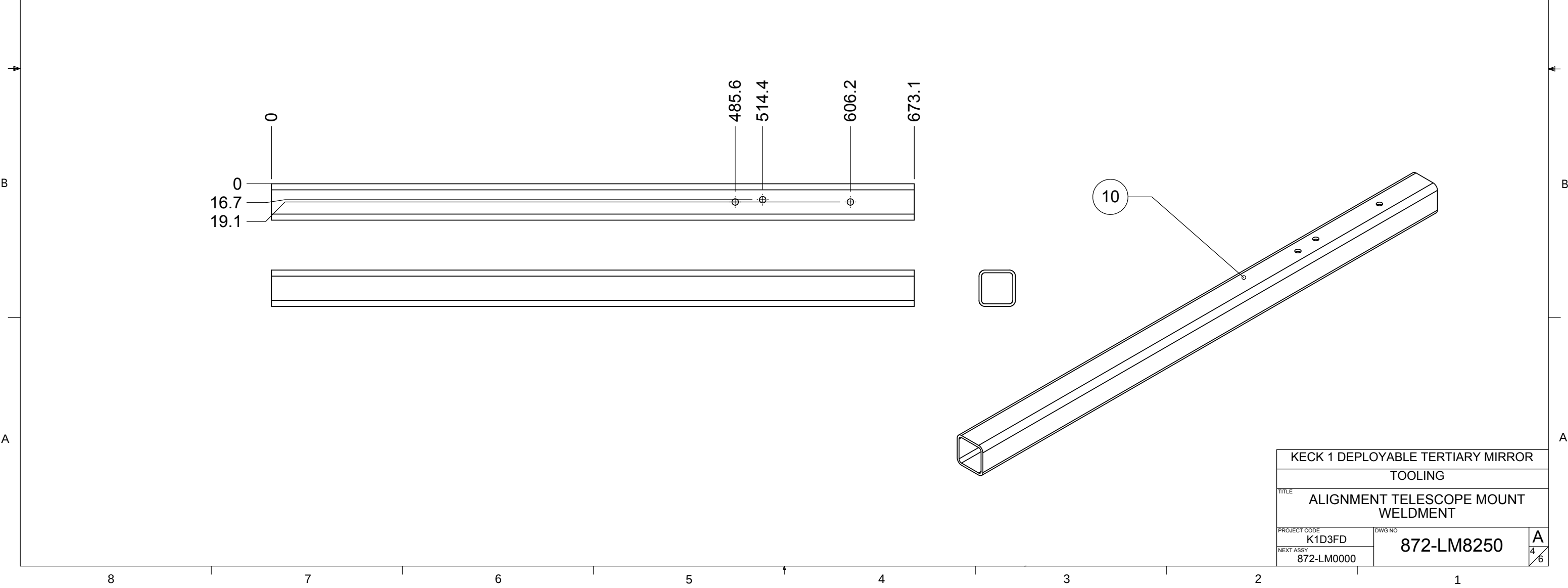
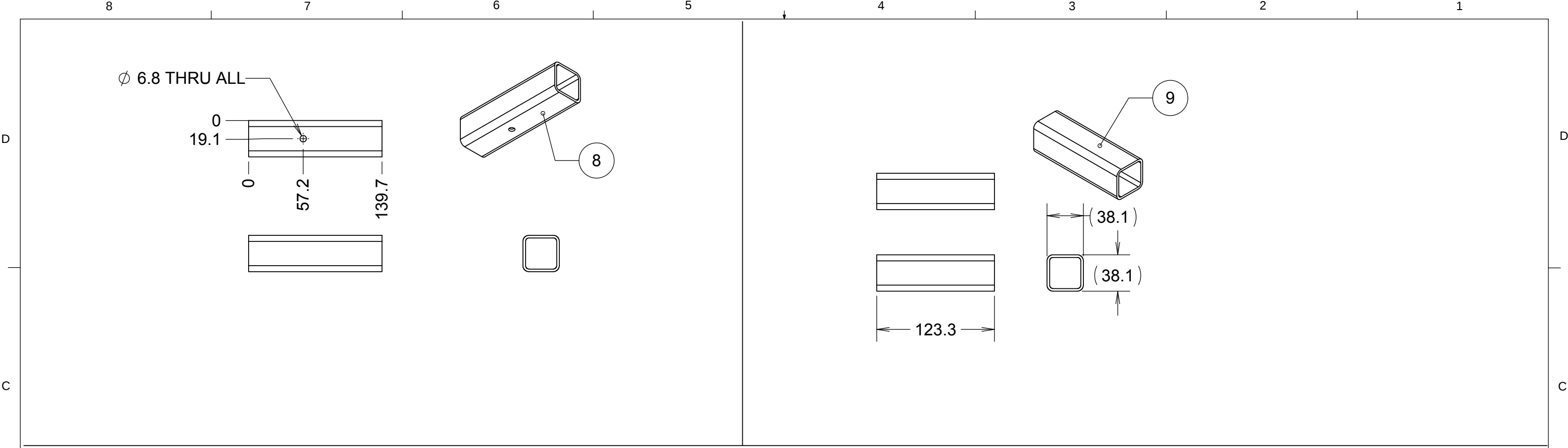


|                                   |         |                                                          |                             |
|-----------------------------------|---------|----------------------------------------------------------|-----------------------------|
| DRWN<br><b>C. RATLIFF</b>         |         | KECK 1 DEPLOYABLE TERTIARY MIRROR                        |                             |
| CHECKED<br><b>J. WARD</b>         |         | TOOLING                                                  |                             |
| DESIGNED<br><b>C. RATLIFF</b>     | 4/28/17 | TITLE<br>ALIGNMENT TELESCOPE MOUNT WELDMENT              |                             |
| ENGINEER<br><b>C. RATLIFF</b>     | 4/28/17 | QUANTITY<br><b>1</b>                                     | REV<br><b>A</b>             |
| SW DOCUMENT<br>FILE<br>872-LM8250 |         | PROJECT CODE<br><b>K1D3FD</b><br>NEXT ASSY<br>872-LM0000 | DWG NO<br><b>872-LM8250</b> |

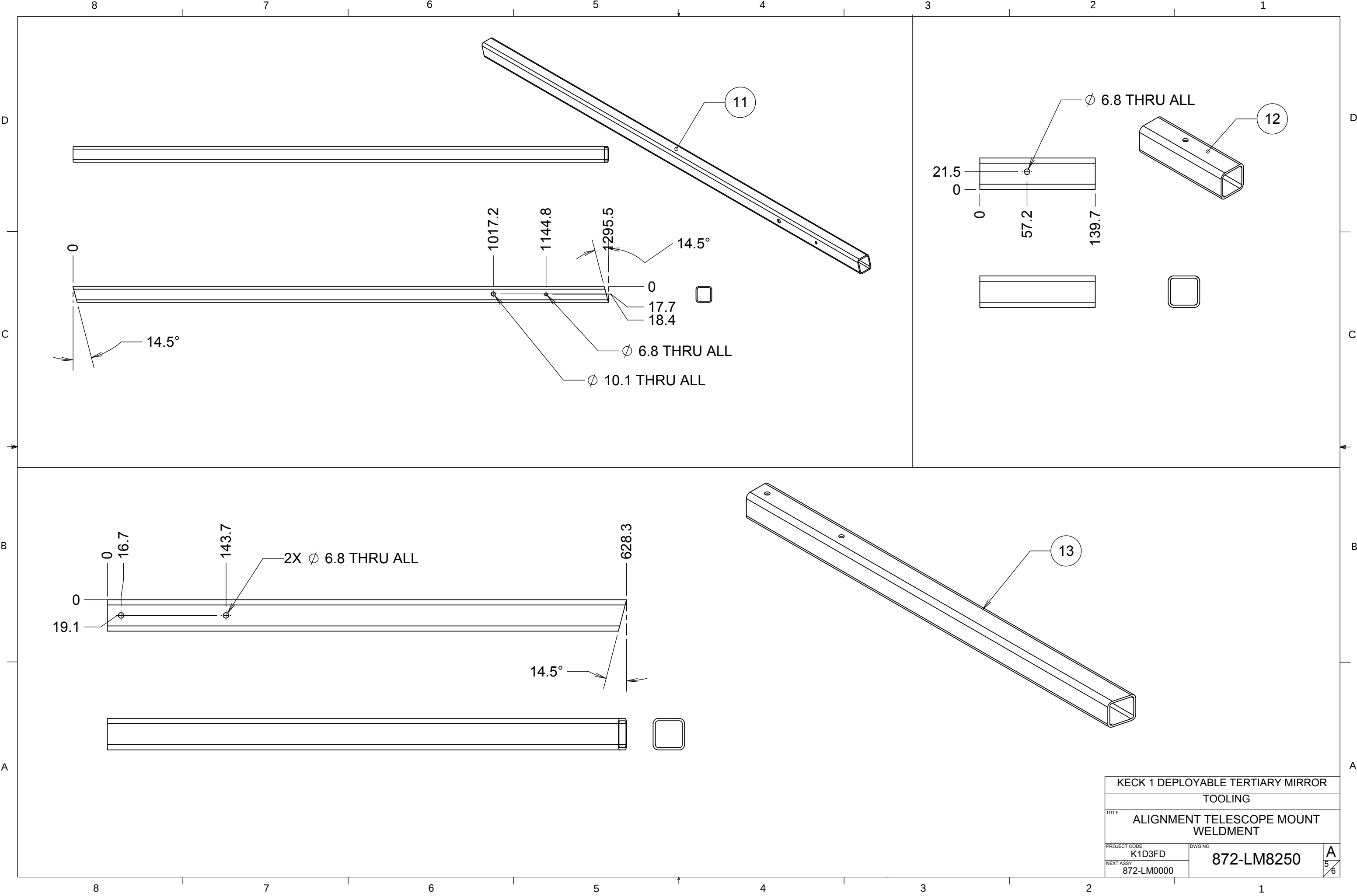




|                                                |                      |
|------------------------------------------------|----------------------|
| KECK 1 DEPLOYABLE TERTIARY MIRROR              |                      |
| TOOLING                                        |                      |
| TITLE<br>ALIGNMENT TELESCOPE MOUNT<br>WELDMENT |                      |
| PROJECT CODE<br>K1D3FD                         | DWG NO<br>872-LM8250 |
| NEXT ASSY<br>872-LM0000                        |                      |



|                                    |  |            |  |
|------------------------------------|--|------------|--|
| KECK 1 DEPLOYABLE TERTIARY MIRROR  |  |            |  |
| TOOLING                            |  |            |  |
| TITLE                              |  |            |  |
| ALIGNMENT TELESCOPE MOUNT WELDMENT |  |            |  |
| PROJECT CODE                       |  | DWG NO     |  |
| K1D3FD                             |  | 872-LM8250 |  |
| NEXT ASSY                          |  | 872-LM0000 |  |



|                                       |  |            |  |
|---------------------------------------|--|------------|--|
| KECK 1 DEPLOYABLE TERTIARY MIRROR     |  |            |  |
| TOOLING                               |  |            |  |
| TITLE                                 |  |            |  |
| ALIGNMENT TELESCOPE MOUNT<br>WELDMENT |  |            |  |
| PROJECT CODE                          |  | DWG NO     |  |
| K1D3FD                                |  | 872-LM8250 |  |
| NEXT ASSY                             |  | 872-LM0000 |  |

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