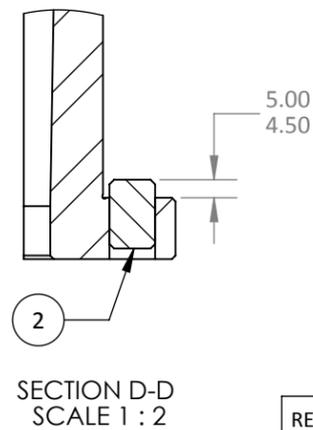
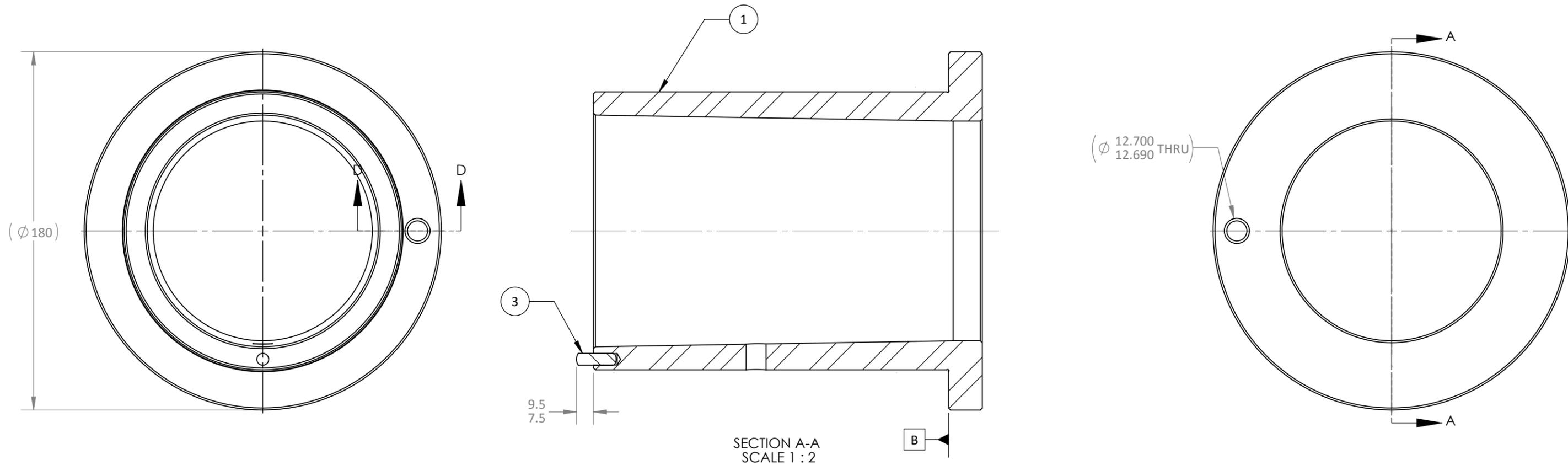


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|--|------|
| 1 | 254553 | SLEEVE, PLANET BEARING PIN | 1 |
| 2 | 98316 | DOWEL, PIN ALLOY STEEL .50" DIAMETER x .75" LONG | 1 |
| 3 | 90435 | PIN, DOWEL, M6 X 20mm, STEEL | 1 |



MAKE FROM MODEL: SUPERSEDES 1509-GS-014-B

| REV | CHANGED FROM | BY | DATE | APRD |
|-----|---|-----|---------|------|
| A | PRE-RELEASE | CPS | 1/14/13 | |
| B | CHANGES PER NREL DRW REVIEW. UPDATED BORDER | CPS | 3/13/13 | |
| C | RELEASE FOR PRODUCTION | CPS | 4/19/13 | |
| D | CHANGES REQUESTED PER MANUFACTURER DRW REVIEW | CPG | 1/14/14 | |

REPORT ERRORS & CHANGES
REMOVE ALL BURRS AND SHARP EDGES
DIMENSIONS ARE IN MILLIMETERS.
UNSPECIFIED TOLERANCES:

DECIMALS: .X ±1.0
.XX ±0.5
FINISH: 6.3 $\sqrt{\mu m Ra}$
ANGLES: $\leq \pm 0.5^\circ$

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OTHER DRAWINGS OR MACHINERY

DRAWN: CPS DATE: 1/14/13
CHECKED: NJB THIRD ANGLE PRJ

National Renewable Energy Laboratory

TITLE: SLEEVE ASS'Y, PLANET PIN BEARING

SIZE: **B** DWG. NO. 254710 REV: **D**

SCALE: 1:4 WEIGHT: 9.36 kgs SHEET 1 OF 1