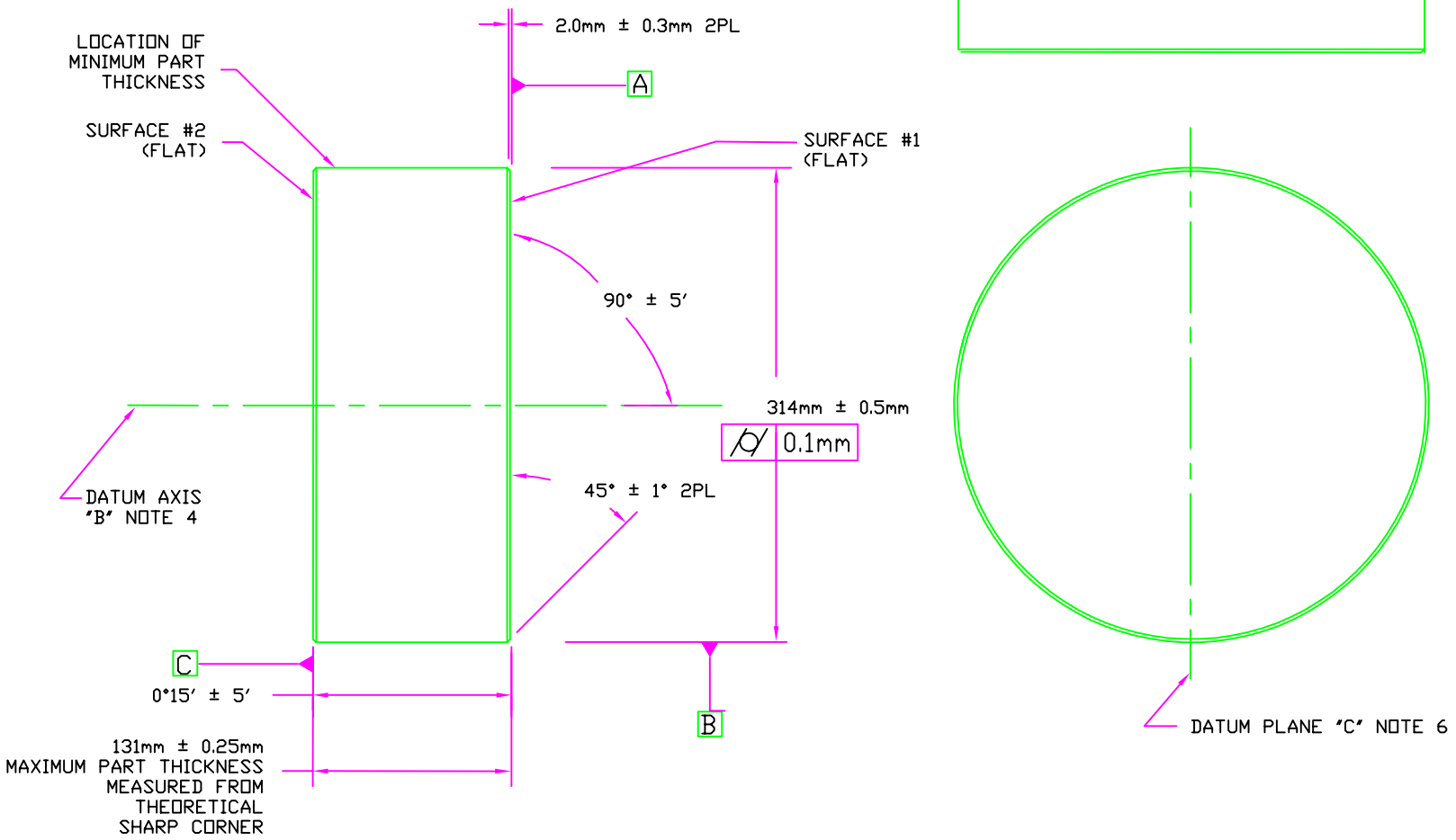
NOTES:
1) ALL DIMENSIONS ARE IN MILLIMETERS AND DEREE-MINUTES.
2) DRAWING IS TO BE INTERPRETED PER ANSI/ASME Y14.5M-1994
3) POLISH ALL FACES, EDGES AND CHAMFERS: INSPECTION POLISH.
4) THE CRYSTAL A-AXIS IS ALIGNED PERPENDICULAR TO DATUM PLANE 'A' WITHIN 0°30'.
5) DATUM AXIS 'B' IS THE CYLINDRICAL AXIS OF THE OPTIC.
6) DATUM PLANE 'C' IS PERPENDICULAR TO DATUM PLANE 'A' AND PASSES THROUGH THE THICKEST AND THINEST POINTS OF THE WEDGED CYLINDER. THE CRYSTAL C-AXIS IS PARALLEL TO DATUM PLANE 'C' WITHIN 0°30'.




UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
FRACTIONAL ±
ANGULAR
ANGULARMACH ± BEND ±
TWO PLACE DECIMAL ± .03
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS IN: OUT:
REMOVE ALL BURRS

| REV | DESCRIPTION | DCN NUMBER | | | DRWN | DATE |
|---|---|---|---|---|---|---|
| A | INITIAL RELEASE | | - | - | G. Billingsley | 6/21/02 |

ISSUE DESCRIPTION

MATERIAL: SAPPHIRE
HEAT TREAT:
FINISH: COMMERCIAL POLISH
USED ON:
NEXT ASS'Y:

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

POLISHED BLANK, DOWNSELECT

CAD FILE: DOWNSELECT.dwg
SIZE: B
DWG. NO.: D020344-00
SCALE: NTS
SHEET: 1 OF 1