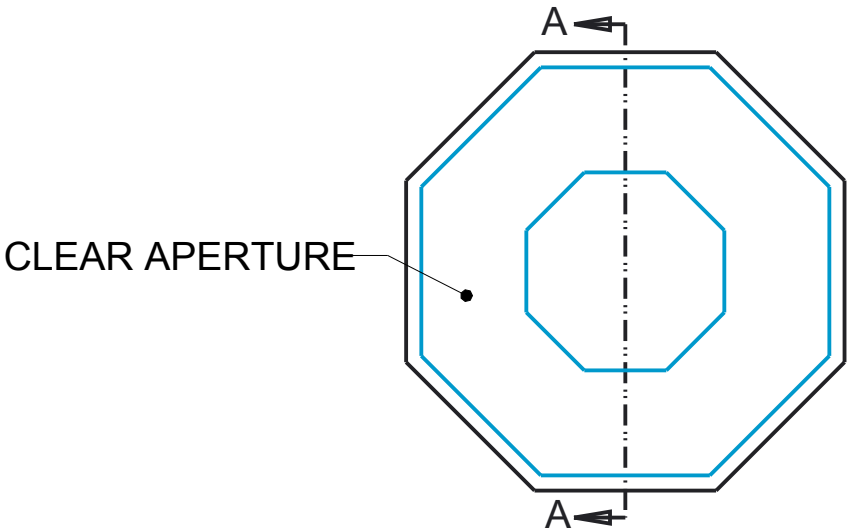
SURFACE FINISH NOTES:
1. MATERIAL: CORNING ULE STD. GRADE.
2. RMS slope error <1 μrad
   integration length = 4.0 mm
   spatial sampling resolution =2.0 mm
3. RMS ripple <2.5 nm
   spatial periods 0.06-6.0 mm
4. RMS surface roughness <1 nm
   spatial periods 1.6-70 μm
5. R1/R2 WEDGE LESS THAN 0.1 MM TIR.

FINISH:SEE NOTES

QUANTITY: 1



SECTION A-A

SURF.	TYPE	RADIUS	RAD.TOL	CA.WIDTH
1	PARABOLIC K=-1	2000	±4	143.94
2	PLANO	NA	NA	NA

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: MACH:±0.5° BEND:±0.5°
ONE PLACE DECIMAL: ±0.1
TWO PLACE DECIMAL: ±0.05

DESC:
ESIS primary mirror, flight grade.

TITLE:
PRIMARY_FLIGHT

MATL:SEE NOTE 1

MDL.BY:COURRIER

SIZE: A

DWG. NO:1 OF1

REV: A

SCALE:0.375

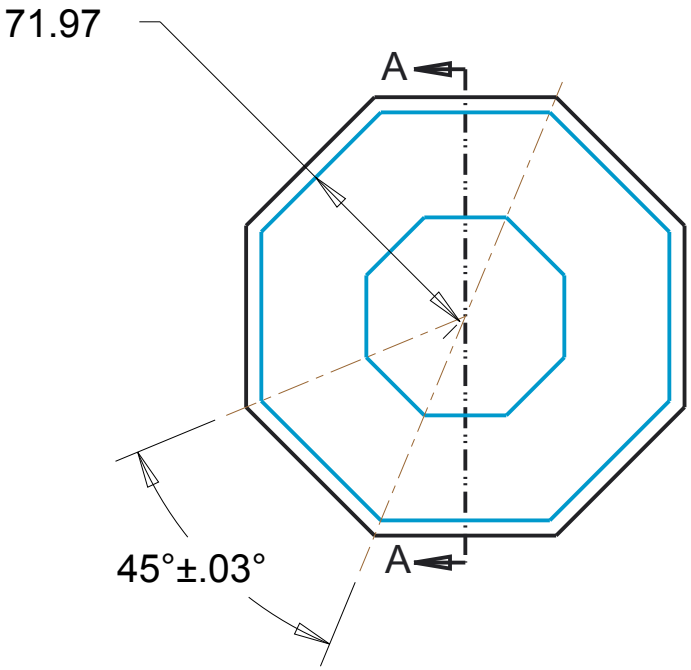
DATE:Sept-14-16

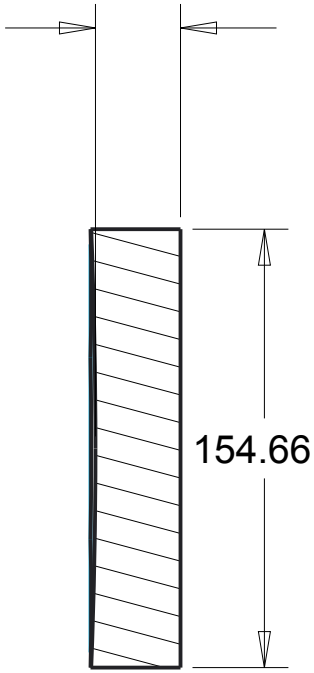
SHEET:1 OF2

FORM FACTOR NOTES:
1. MATERIAL: CORNING ULE STD. GRADE.
2. ALL DIMENSIONS IN MM.
3. WIDTH TOLERANCE +0.00/-0.10.
4. THICKNESS TOLERANCE ±0.15
5. ALL EDGES CHAMFERED 0.5 MM X 45°.
6. FORM FACTOR IS REGULAR OCTAGON

FINISH:SEE NOTES

QUANTITY: 1





SECTION A-A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: MACH:±0.5° BEND:±0.5°
ONE PLACE DECIMAL: ±0.1
TWO PLACE DECIMAL: ±0.05

DESC:
ESIS primary mirror, flight grade.

TITLE:
PRIMARY_FLIGHT

MATL:SEE NOTE 1

MDL.BY:COURRIER

SIZE: A

DWG. NO:1 OF1

REV: A

SCALE:0.375

DATE:Sept-14-16

SHEET:2 OF2