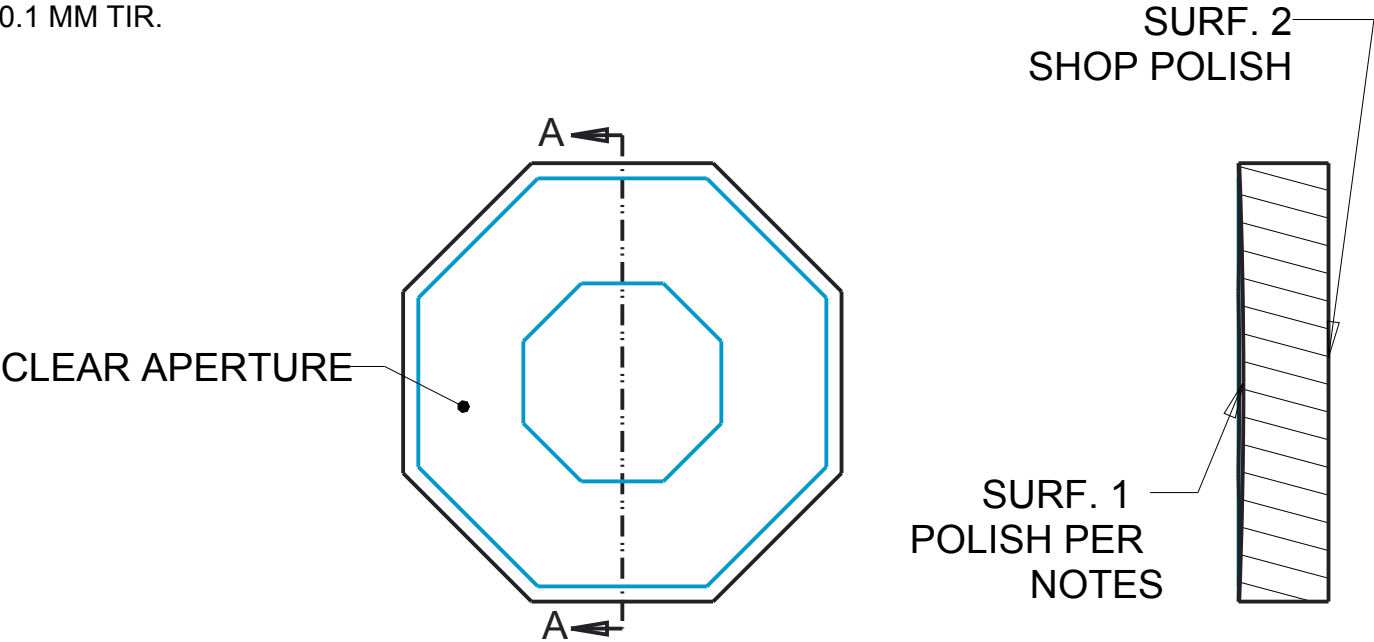
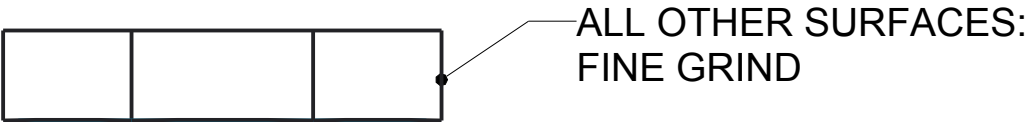


- SURFACE FINISH NOTES:
- 1. MATERIAL: CORNING ULE MIRROR GRADE.
 - 2. RMS slope error <1 μrad
integration length = 4.0 mm
spatial sampling resolution = 2.0 mm
 - 3. RMS ripple <2.5 nm
spatial periods 0.06-6.0 mm
 - 4. RMS surface roughness <1 nm
spatial periods 1.6-70 μm
 - 5. R1/R2 WEDGE LESS THAN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

FINISH:SEE NOTES			
QUANTITY: TBD			



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: $\pm 0.5^\circ$ BEND: $\pm 0.5^\circ$ ONE PLACE DECIMAL: ± 0.1 TWO PLACE DECIMAL: ± 0.05	DESC: ESIS primary mirror, flight grade.		
	TITLE: PRIMARY_FLIGHT		
	MATL:SEE NOTE 1	SIZE: A	DWG. NO:1 OF1
	MDL.BY:COURRIER	SCALE:0.375	DATE:Sept-14-16

REV: B		SHEET:1 OF2	
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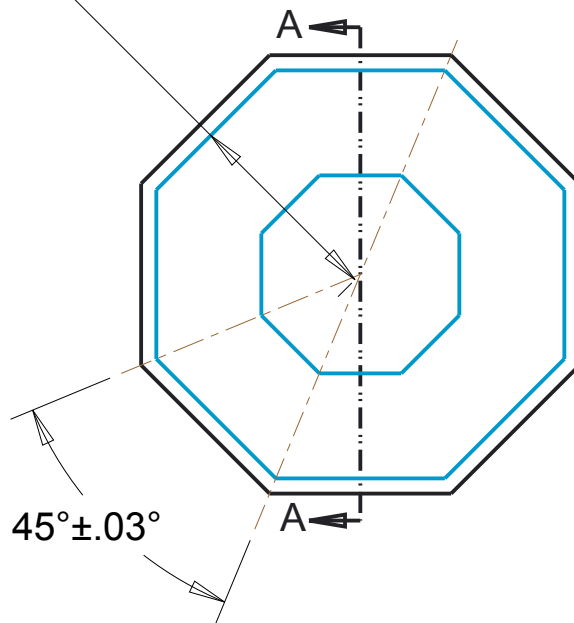
FORM FACTOR NOTES:

1. MATERIAL: CORNING ULE MIRROR 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: TBD

71.97



$45^\circ \pm 0.03^\circ$

30
(CENTER
THICKNESS)

154.66

SECTION A-A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: MACH: $\pm 0.5^\circ$ BEND: $\pm 0.5^\circ$
ONE PLACE DECIMAL: ± 0.1
TWO PLACE DECIMAL: ± 0.05

DESC:
ESIS primary mirror, flight grade.

TITLE:
PRIMARY_FLIGHT

MATL:SEE NOTE 1

SIZE:
A

DWG. NO:1 OF1

REV:
B

MDL.BY:COURRIER

SCALE:0.375

DATE:Sept-14-16

SHEET:2 OF2