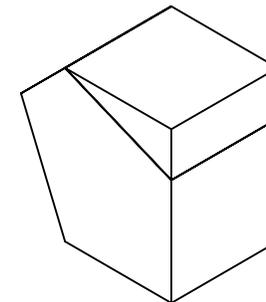


NOTES:

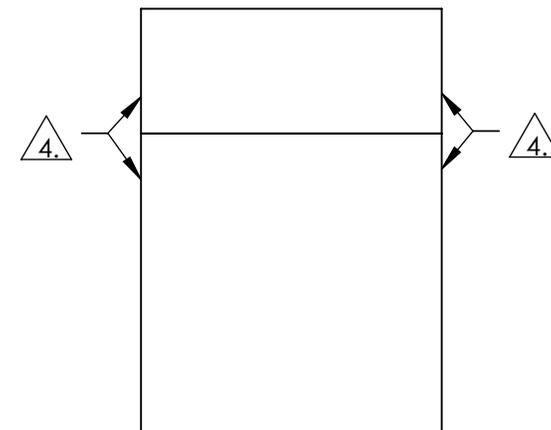
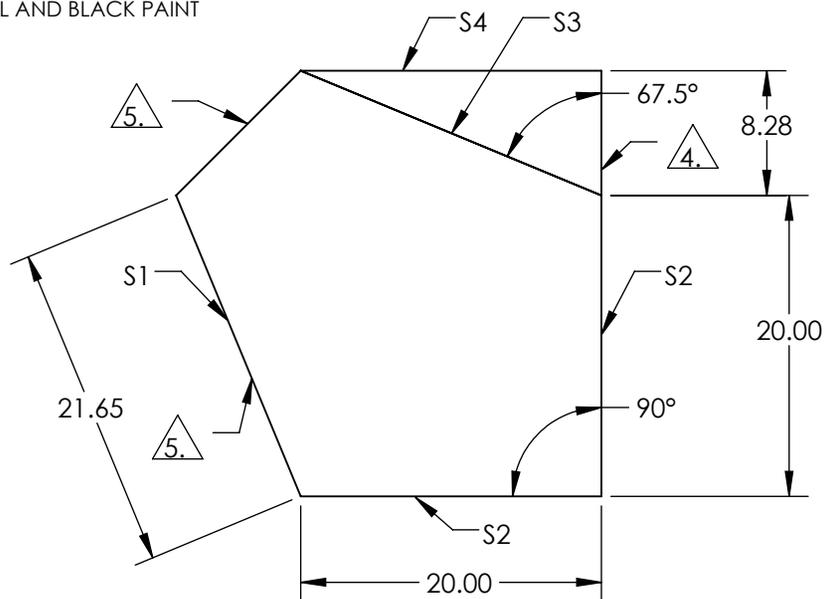
1. SUBSTRATE MATERIAL:
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm)
BEAM DEVIATION: ± 10 ARCSEC
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: ALUMINUM
S3: T/R = 50/50 $\pm 5\%$
|Tp - Ts| $\leq 15\%$
|Rp - Rs| $\leq 15\%$
S2 & S4: $\lambda/4$ WAVE MgF2 @ 550nm
R(AVG) < 1.75% FROM 400-700nm

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



FINE GRIND SURFACE

OVERCOAT SURFACES USING INCONEL AND BLACK PAINT



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics[®]

WAVELENGTH RANGE (nm)	450 - 650
SURFACE QUALITY	40-20
SURFACE FLATNESS	$\lambda/4$
CLEAR APERTURE	>90%

THIRD ANGLE PROJECTION

ALL DIMS IN mm

TITLE	20mm, MgF2 COATED, PENTA PRISM BEAMSPLITTER		
DWG NO	66633	SHEET	1 OF 1