



DETAIL A
SCALE 1 : 2

$D_i = 20$
 $T = 5$
 $t/D_i = 0.25$
 (interpolated between 30 and 60 degrees)
 $STCP = 54\text{Mpa} = 7832\text{psi}$
 $CF = 5$
 $MAWP = 10.8\text{Mpa} = 1566\text{psi} = 3523\text{fsw@63F}$

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Elementary 3000 TITLE: 20"ID, Conical Seat Dome		
DIMENSIONS ARE IN INCHES		DRAWN	RJD			
TOLERANCES:		CHECKED				
FRACTIONAL $\pm 1/64$		ENG APPR.				
ANGULAR: MACH ± 0.5 BEND ± 2		MFG APPR.				
TWO PLACE DECIMAL ± 0.01		Q.A.		SIZE	DWG. NO.	REV
THREE PLACE DECIMAL ± 0.005				A		1.1
INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:8	WEIGHT:	SHEET 1 OF 1
MATERIAL						
Plexiglas G						
FINISH						
DO NOT SCALE DRAWING						