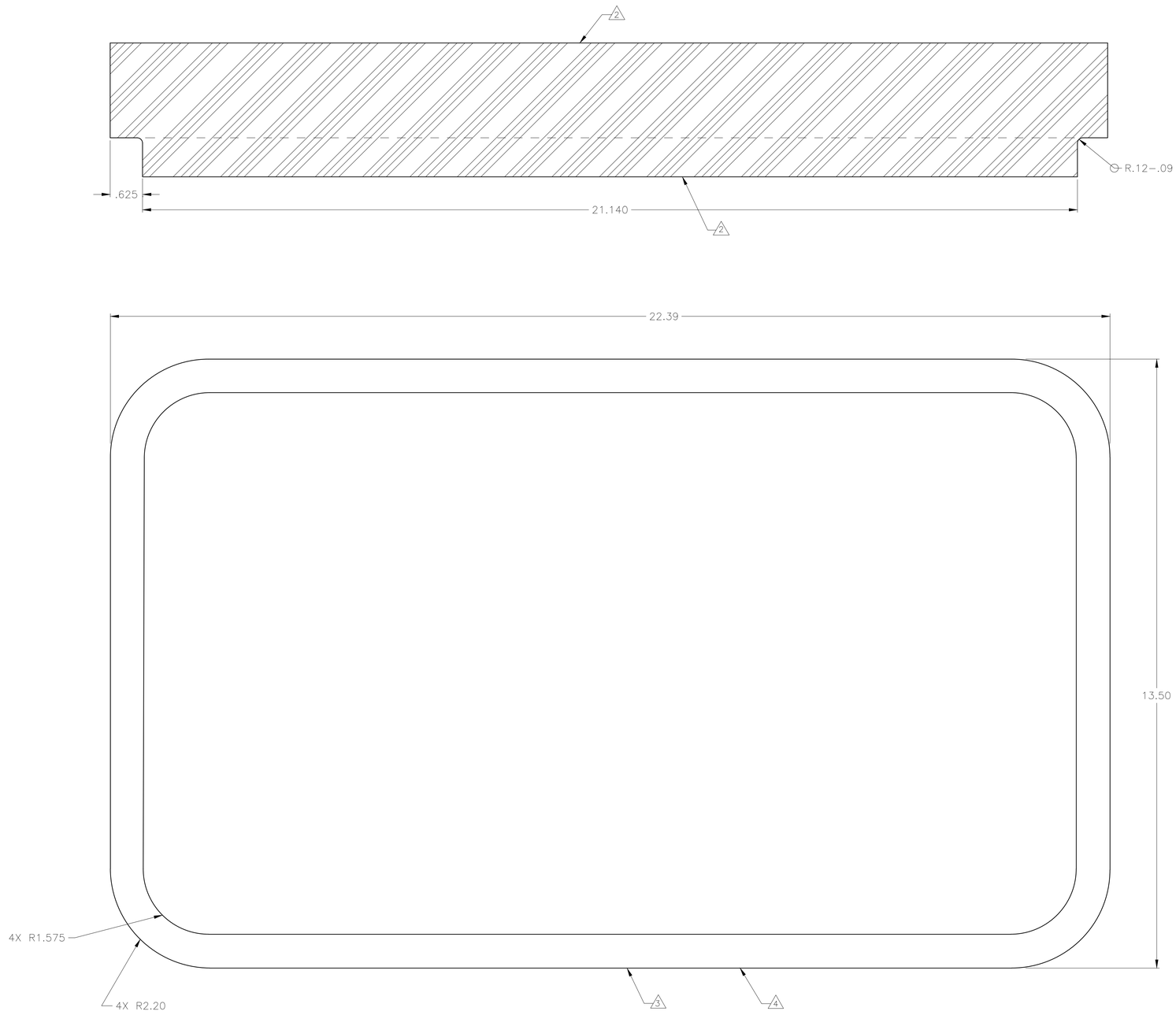

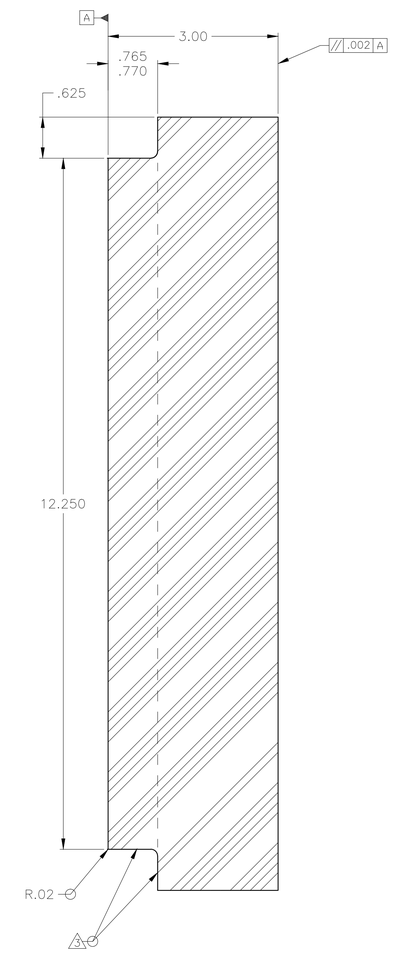

1 Material:
Fused Silica Glass having Schlieren Optical Quality Equivalent or Superior to "Corning" HPFS 7980, Inclusion Class 1, Homogeneity Grade B. An interferogram shall be performed on each boule and the results, including inclusion map, and certificate of compliance, shall be provided.

2 Indicated Surfaces shall be flat within 5 waves in transmission anD conform to MIL-0-13830 Scratch and Dig 60-40 Specification.

3 Perimeter surfaces shall be RMS 20 or equivalent (Expected results from a 200 grit grinding wheel).

4 Rubber stamp or laser engrave part number 03033M77001-2015 on specified surface.

CHG	ZONE	DESCRIPTION	APP/DATE

REVISIONS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCE ON	
.X	±
.XX	± .01
.XXX	± .005
FRACTION	±
ANGULAR	± .5 DEG
BREAK EDGES .04–.06	

CONTRACT
CONTRACTOR
TASK ORDER

DRAFTER	7755/F.YARRIS
ENGINEER	7730/G.HARPSTER
DESIGNER	7755/D.KOZLOWSKI

DIMENSIONING AND TOLERANCING PER ASME Y14.5M–1994

PDM REL LEVEL: RELEASE PDM REVISION: X.1
PDM DATABASE: 1X1_SWT
MODEL NAME: 03033M77A001.dwg
PRIOR TO USE VERIFY THE INTENDED PURPOSE IN PDM ("FOR" ATTRIBUTE)

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN H. GLENN RESEARCH CENTER
LEWIS FIELD
CLEVELAND, OHIO

REVISED 1X1 SWT TEST SECTION WINDOW
03033M77A000

A001 WINDOW GLASS

SIZE	DRAWING NUMBER	REV	BLDG	AREA
E	03033M77A001	—	ERB	INW
			UNITS: INCH	

SCALE:	OFFICIAL DATE	SHEET	DISCIPLINE
1/1	7/20/99	1 OF 1	MECHANICAL

AutoCad R14

SIZE E DRAWING NUMBER 03033M77A001 REV —