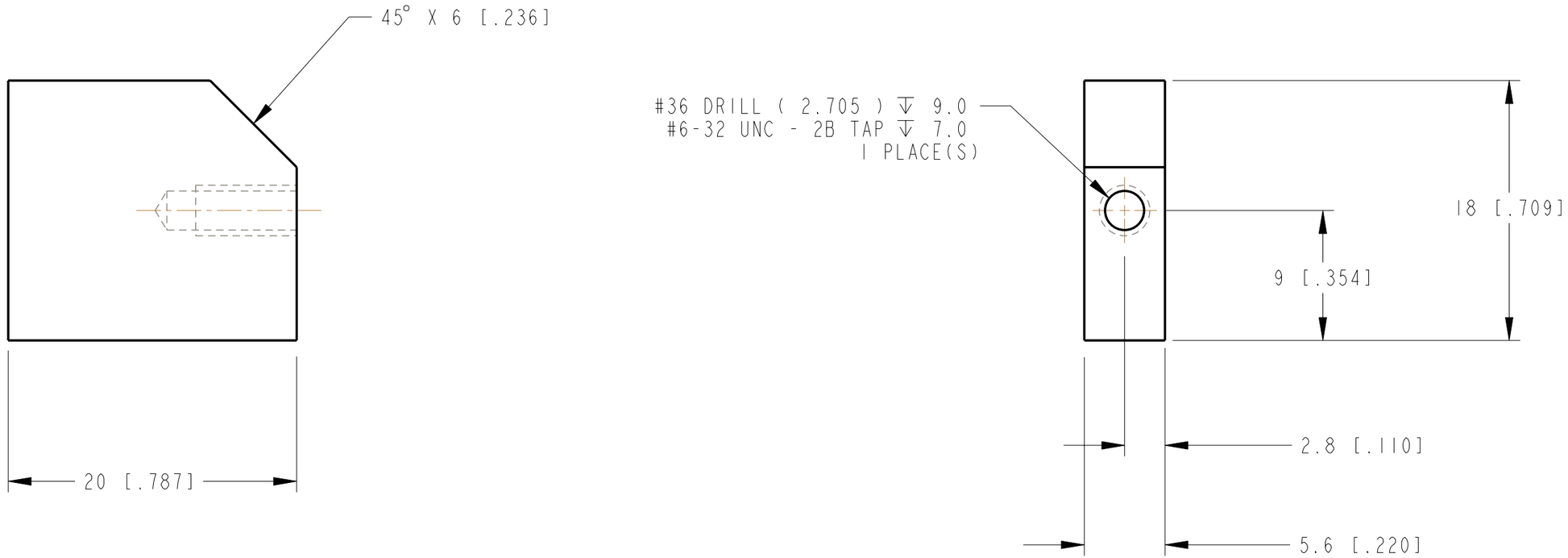
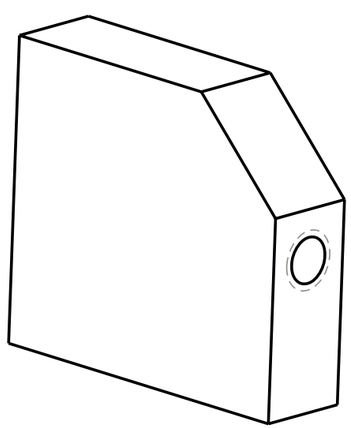
REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE





NOTE:

BLACK OXIDE

ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST / BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm INCHES ARE FOR REFERENCE ONLY TOLERANCES

DECIMALS: X. ±.5 mm; .X ±.2 mm; .XX ±.08 mm — ANGULAR ±.3°

SURFACE FINISH IN MICRONS 3.2

REMOVE ALL BURRS AND BREAK SHARP EDGES .76 MAX. SURFACE TEXTURE IN ACCORDANCE WITH LATEST ASME B46.1-2002 DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH LATEST ASME Y14.5M-1994

DRAWN BY: D. CAPATINA	DATE 30-Mar-05	
XFD GROUP LEADER: P. DEN HARTOG	DATE	
DESIGNED BY: D. CAPATINA	DATE 30-Mar-05	
RESPONSIBLE ENGINEER: E. TRAKHTENBERG	DATE	
CAM: M. WHITE	DATE	
LCLS MANAGER: S. V. MILTON	DATE	
MODEL NAME: L143-110112	RELEASE LEVEL: RELEASED	MODEL VER: 1 / DRWG VER: 0

THIS DRAWING IS THE PROPERTY OF

ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

LINAC COHERENT LIGHT SOURCE
UNDULATOR SYSTEM

UNDULATOR UNIT ASSEMBLY
HORIZONTAL FIELD SHIM

ELECTRONIC FILE NAME:	MATERIAL DESCRIPTION:	SIZE:	ANL DRAWING NUMBER:	SLAC DRAWING NUMBER:	REV.
A3816500	STEEL 1018	B	L143-110112	PF-381-001-33	00

SLAC SPIRES TITLE: LCLS UND MAG HORZ FLD SHIM — FSCM No OHRH5 — SCALE: 3:1 — DO NOT SCALE DRAWING — SHEET 1 OF 1