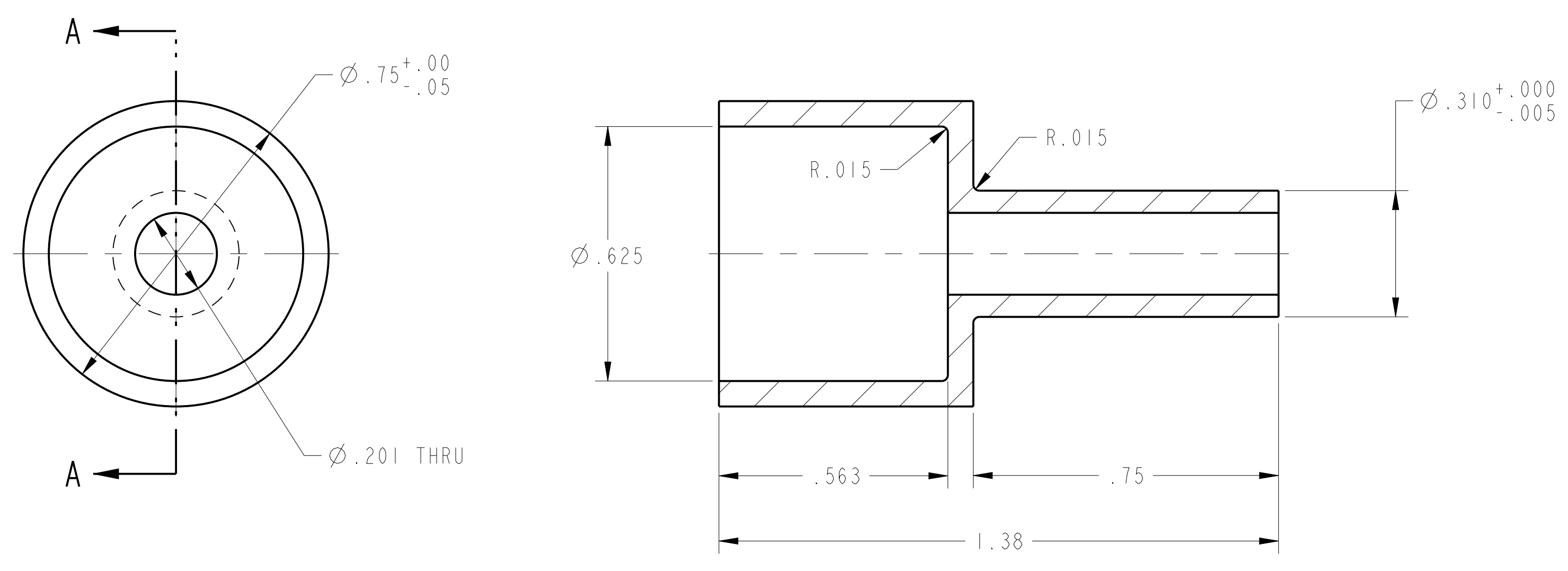
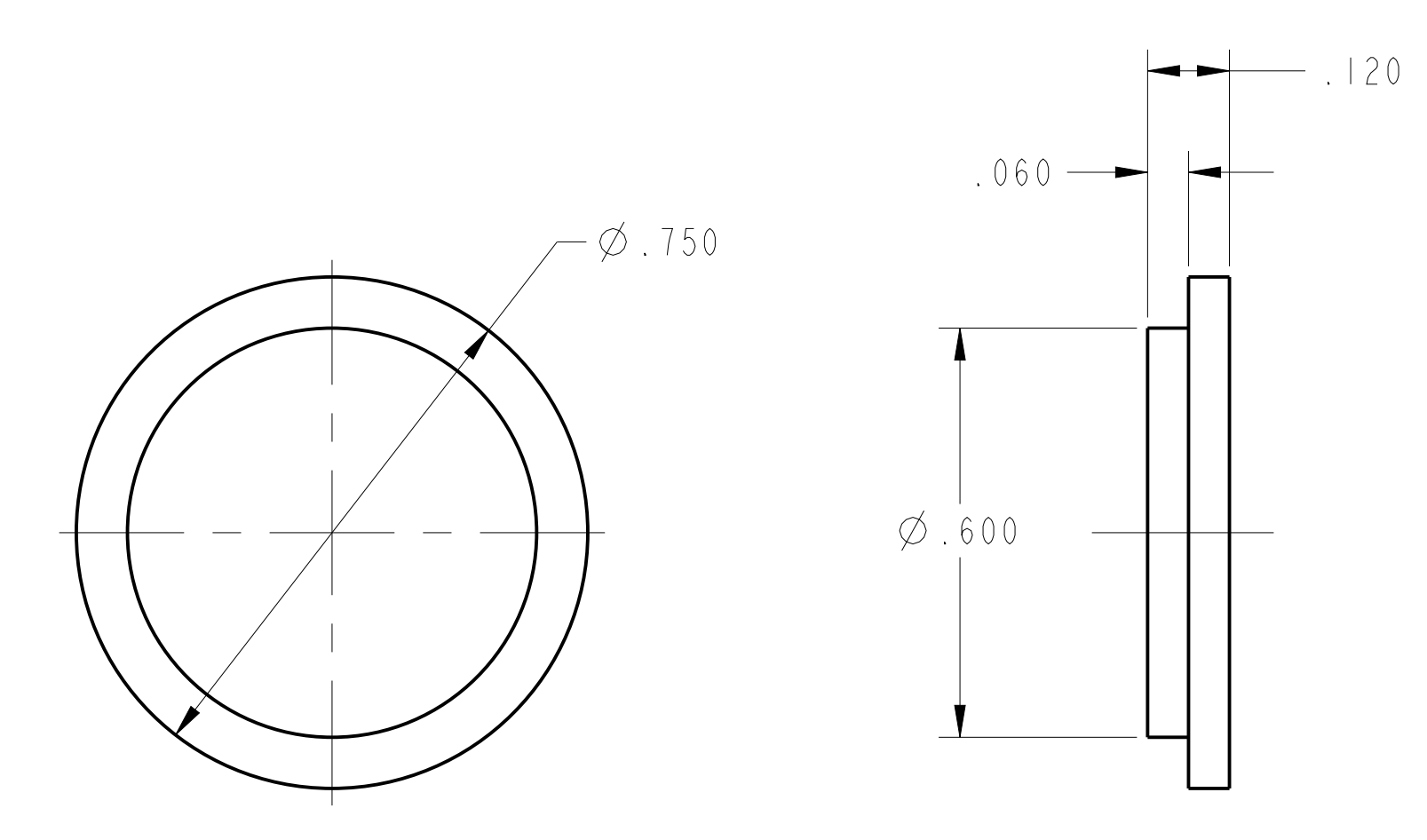


NO.	REVISION	WP NO.	BY	CH	SUP	APPROVED	DATE
0	ISSUED PER ECN-7634	N/A	LM	NA	LM	N. ALLEN	2/18/2016

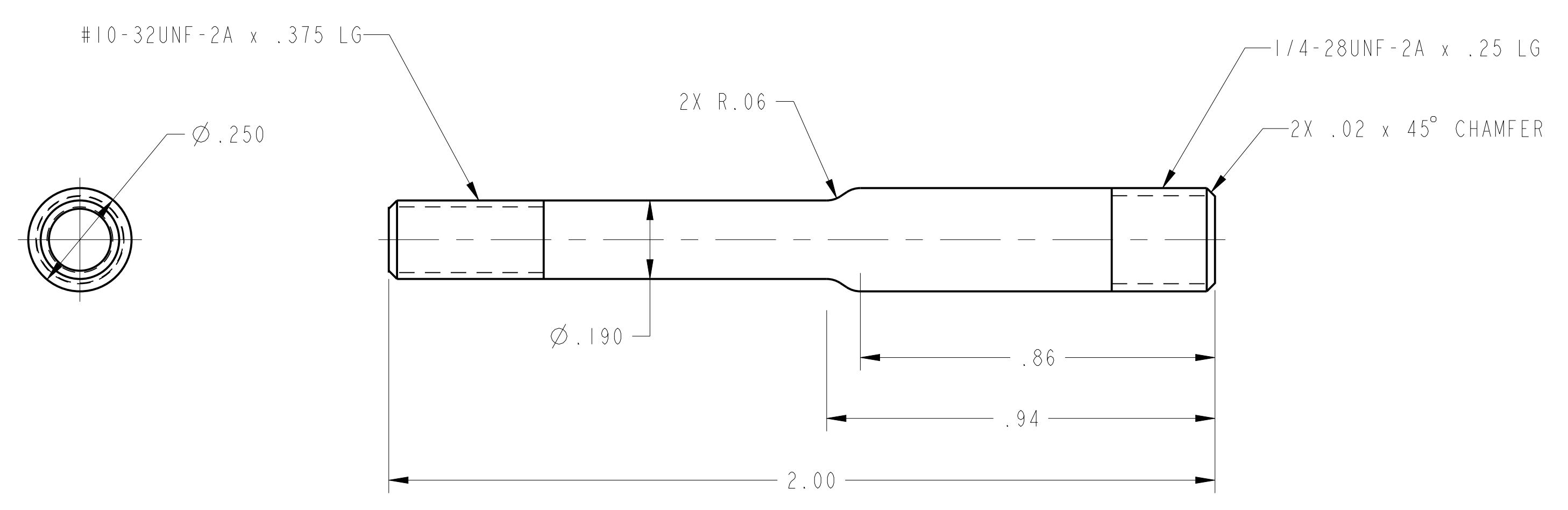


SECTION A-A

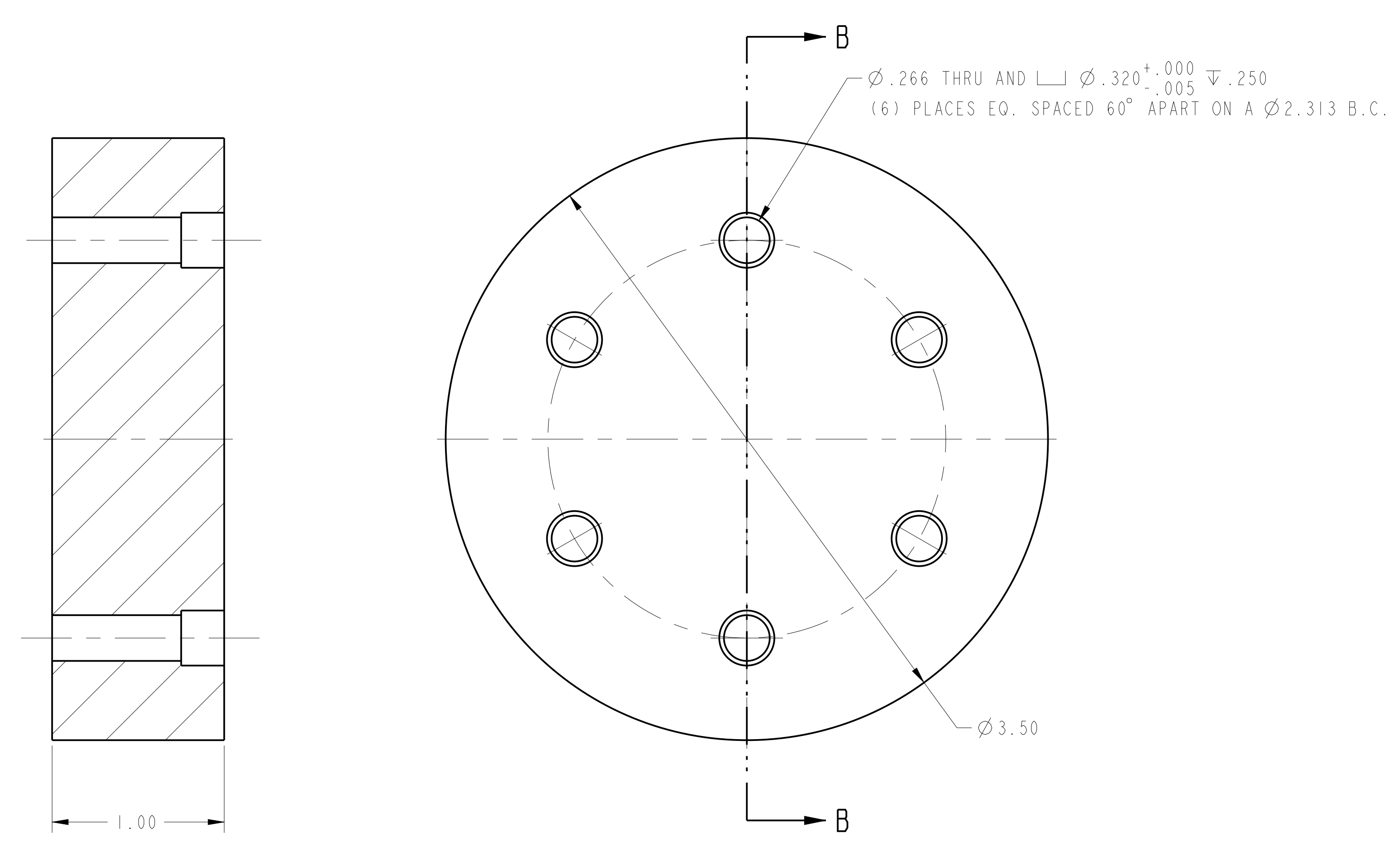
1 BOLT INSULATOR - TYPE "C"
SCALE: 4X



4 MG1 VALVE BOLT INSULATOR CAP
SCALE: 4X



2 MG1 VALVE STEPPED THREADED STUD
SCALE: 4X



SECTION B-B

3 MG1 VALVE INSULATING FLANGE
SCALE: 2X

NOTES
1. MAGNETIC PERMEABILITY OF STAINLESS STEEL PARTS AS DETERMINED WITH A SEVERN GAUGE SHALL NOT EXCEED THE FOLLOWING:
BASE MATERIAL: 1.04 mu
MACHINED: 1.20 mu

ITEM NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
4	E-EA3534-4	MG1 VALVE BOLT INSULATOR CAP	G-10 / G-11	12
3	E-EA3534-3	MG1 VALVE INSULATING FLANGE	PEEK	2
2	E-EA3534-2	MG1 VALVE STEPPED THREADED STUD	316 S/S	12
1	E-EA3534-1	BOLT INSULATOR - TYPE "C"	G-10 / G-11	12

PARTS LIST

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .055/.020	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL SPHERICAL TORUS EXPERIMENT GAS INJECTION SYSTEM MASSIVE GAS INJECTION SYSTEM MID-PLANE MG1 VALVE MISCELLANEOUS PART DETAILS.	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE	DIV: MECH. ENG.	DATE: 2/18/2016
SCALE: AS NOTED	DECIMAL-INCH FRACTIONS	ENG: N. ALLEN	APPROVED
NEXT ASSEMBLY	XXX 0.100 0"=12" 0.175 XXX 0.030 12"=12" 0.175 XXX 0.010 72"=120" 0.175 ANGULAR 20°=15' 50°=120' 0.175	DSN: L. MORRIS	N. ALLEN
RELEASE LEVEL: Fabrication DWG VERSION NO: 0.0	WELDING ENGINEER APPVD: N/A DATE:	CHK: N. ALLEN	CHK: N/A
			SHEET 1 OF 1 REV 0

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

GENERAL NOTES
1. PPPL APPROVED DRAWINGS TAKE PRECEDENCE OVER MODEL DIMENSIONS.
2. WHEN MODELS ARE PROVIDED, VENDOR MUST VERIFY THAT MODEL DIMENSIONS CONFORM WITH PPPL APPROVED DRAWINGS PRIOR TO FABRICATION.

MAGNETIC PERMEABILITY REQUIREMENT (SEE NOTES)	
YES	<input checked="" type="checkbox"/>
NO	<input type="checkbox"/>

JUN 19 10 45 AM '16 E-EA3534