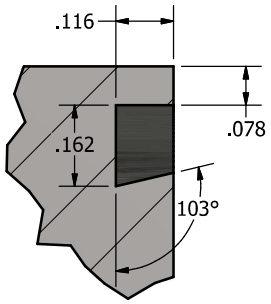
WEIGHT 3.141 lbm
MATERIAL 316 SS AND 316L WHERE WELDED

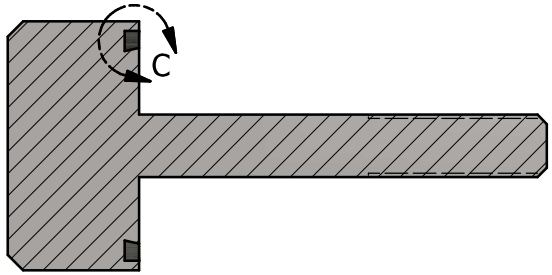
OP VALVE WAS DESIGNED AND FABRICATED BY ALEC SYMTH

ALEC SYMTH
1141 Custis Street
Alexandria VA 22308

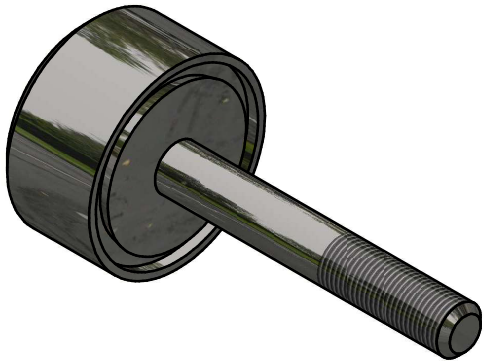
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	INITIAL	11/24/2020	CLR
B-4	2	MODIFIED DOVE GROVE ANGLE	11/28/2020	CLR
A-4	3	ADDED NOTE 4	11/28/2020	CLR
A-3	4	ADDED CHAMFER DIMSION	11/28/2020	CLR

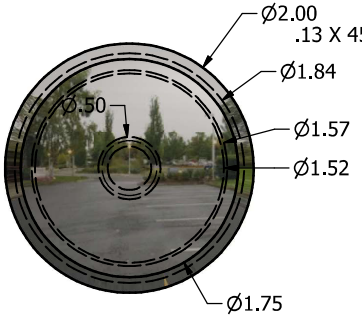


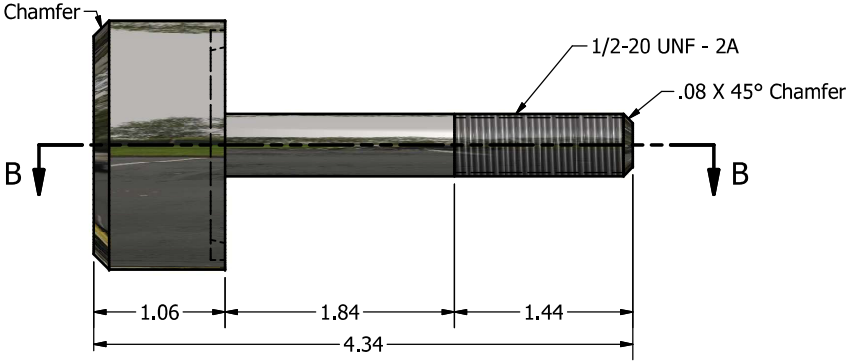
DETAIL C
SCALE 4: 1



SECTION B-B
SCALE 1 : 1







NOTES:
1) O RING GLAND GROVE HAS AN INNER DOVEFACE TO KEEP THE GLAND FROM INADVERNTETLY BECOMMING DISLODGED
2) GLAND SEAT IS DEEPER THAN NORMAL BECASUSE THE VALVE IS DESIGNED TO SEAT WITH MINIMAL DIFFERENTIAL PRESSURE
3) GLAND IS Buna-N O-Rings, Dash 222, Durometer 70A
4) NOP, VISUAL INSPECTION THAT THE O-RING IS LANDED IN O-RING GROVE IS RECOMMENDED PRIOR TO SUBMERGING

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	OP-01	Overpressure Cap - 316 SS

DRAWN AS	11/24/2020	ALEC SYMTH
CHECKED AS	11/24/2020	
QA		TITLE: OP Valve - Cap
MFG AS	11/24/2020	
APPROVED AS	11/24/2020	SIZE B / DWG NO OP-01 / REV 1
		SCALE / SHEET 1 OF 1