


BILL OF MATERIAL				
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION	
1	1	A1-19010-100-02 HCWI nozzle insert	30" HCWI NOZZLE, ASTM A532 CLASS III TYPE A, PF#	
2	1	A1-19010-100-01 30in CL300 RFBL flange	Ø30" CLASS 300 RFBL FLANGE, A105N, ASME B16.47 Ser.A - CUSTOM	
3	1	A1-19010-100-03 Tab - SHORT	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70	
4	1	A1-19010-100-04 Tab - LONG	4" x 1 1/2" x 1/2" PLATE, A516 Gr.70	
5	2	ANSI B18.3 - 3/4-10 UNC x 0.75	3/4"-NC x 3/4" SOCKET HEAD SET SCREW, FLAT POINT, Gr.5	

REVISION HISTORY		
REV	DATE	DESCRIPTION
0	7/25/19	ISSUED FOR CONSTRUCTION, REVISED LINER DIMENSIONS, ADDED TOLERANCES
A	4/05/19	ISSUED FOR REVIEW

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSE OR IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM ALCO INC. OR ITS DIVISIONS	EST. WT. 2,390 lbs.		DO NOT SCALE		 ALCO Industrial 11650 - 156 Street Edmonton, Alberta T5M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355			
	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR 0.4" R (WHICHEVER IS LARGER). 0.010" INTERPRET DWG PER ANSI Y14.5 STANDARD.		DRAWN BY: GVD DATE: 7/25/19		TITLE INSERT FOR NOZZLE N6 (300D-6A, 300D-6B) FORT HILLS / SUNCOR			
			CHECKED BY: DATE:					
	TOLERANCES: X = ± 1/16 X.X = ± .000 X.XX = ± .015 X.XXX = ± .005 ANGLES: ± 1/2°		APPROVED: DATE:		PROJECT NAME A1-19010 REFERENCE DD300-L-86-1 REV. 0			
	MATERIAL & HEAT TREAT							
	125/√ FINISH ON ALL MACHINED SURFACES		DWG. / PART NO. A1-19010-100-00 300D-6A -6B insert.idw				SHEET 1 OF 1	

