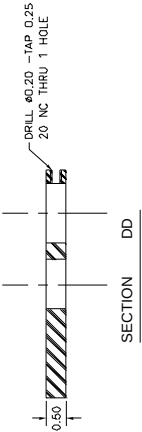


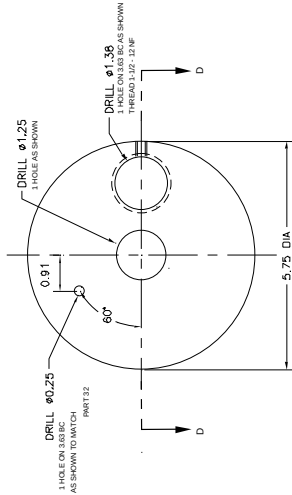
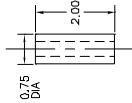
Appendix A—*Borax Applicator Drawing* (17 through 25)



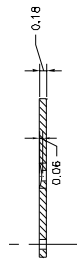
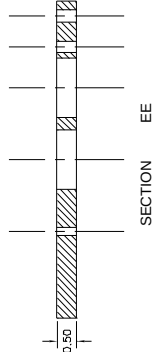
MATERIAL LIST			
NO.	PART NAME	QTY	MATERIAL DESCRIPTION
27	DISK COVER	1	102 SPANLESS STEEL
28	SEPARATOR	4	3/4" X 2" TUBING AND STEEL
29	SET SCREW	1	1/4" - 20 NC X 1 SET SCREW
32	LOWER SUPPORT PLATE	1	102 COLD ROLLED STEEL PLATE
36	TUBE EXTENSION	1	1-1/2 OD X 1.38 ID X 1 LG. THREAD 1 END
38	EXTENSION	1	102 LG.
39	ELBOW	1	2 X 1/4 OD COLD ROLLED TUBING
40	IMPLE	1	102 MFT CLOSE COUPLE BRASS ELBOW
41	ROOF REPAIR SCREWS	3	1/4" - 20 NC X 2-3/4 STAINLESS STEEL
49	CAM DISK	1	102 ALUMINUM PLATE, 2024 T3



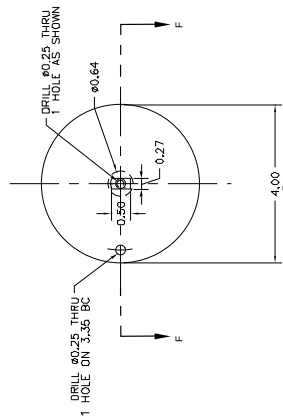
28 SEPARATOR



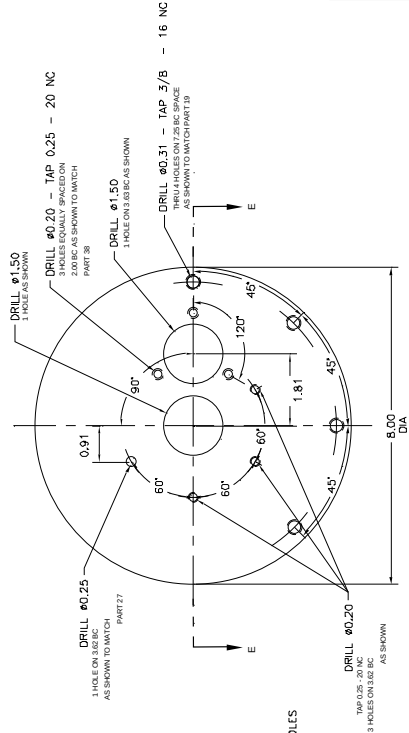
27 DISK COVER



SECTION FF

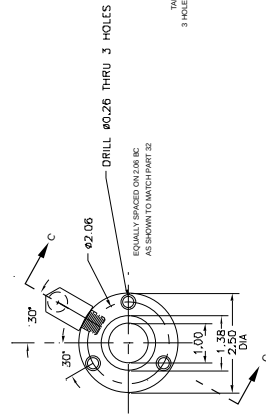


49 CAM DISK



32 LOWER SUPPORT PLATE

SECTION CC



38 LOWER SUPPORT PLATE EXTENSION

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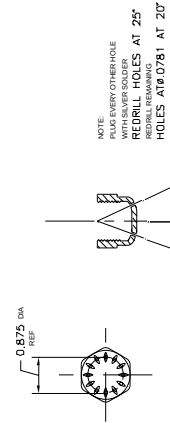
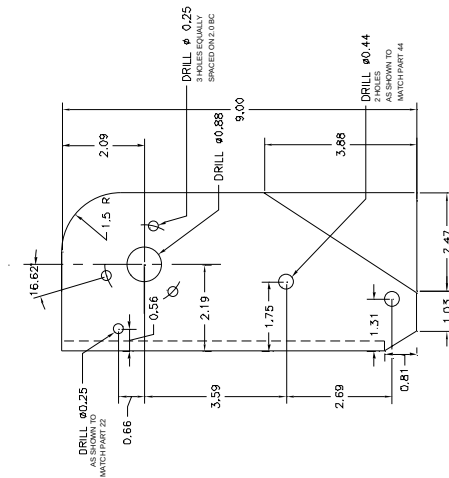
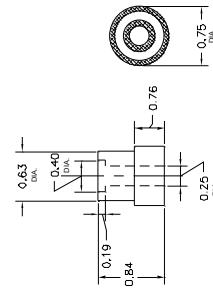
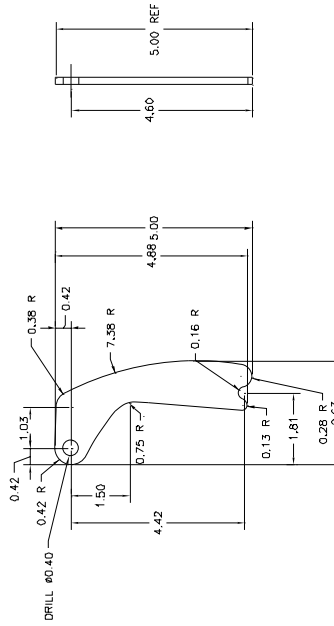
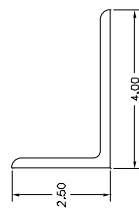
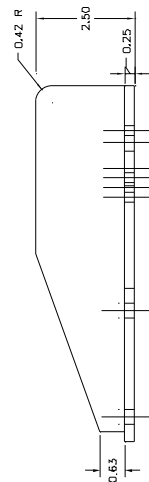
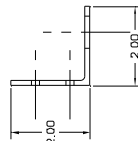
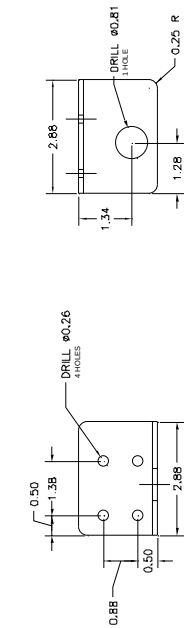
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18

MATERIAL LIST

NO	PARTNAME	REQD	MATERIAL DESCRIPTION	SHEET
45	MONITOR MOUNT PLATE	2	4 X 3 X 3/4 ALUMINUM ANGLE 6061 T6	
46	SPACER	1	3/4" ALUMINUM TUBING	
53	SPACER	1	COLD ROLLED DGS STEEL	
54	METERING ARM	1	3/16" ALUMINUM 6061 T6	
60	NOZZLE	1	3/4" FF - 4.8 FDS JOET (SPRAY SYSTEMS INC)	
70	BRACKET MOUNT	1	1/8" X 2 X 2 ALUMINUM ANGLE	



NOTE:
PLUG EVERY OTHER HOLE
WITH SILVER SOLDER
REDRILL HOLES AT 25°
REDRILL REMAINING
HOLES AT Ø.0781 AT 20°

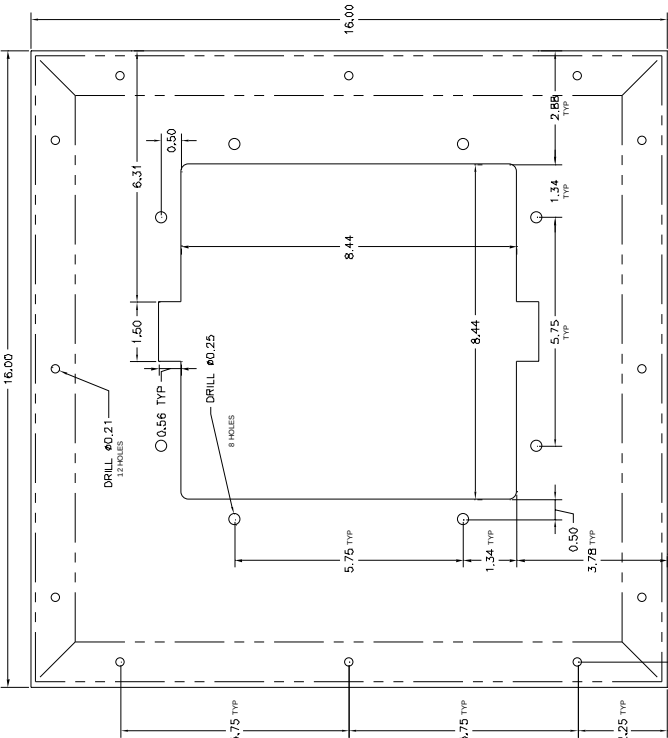
METERING ARM

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322
UCBAW/BJA

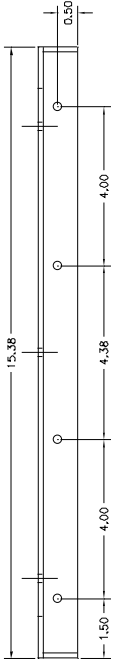
U.S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA						REVISION		BY
TITLE						DATE		
BORAX APPLICATOR APPLICATOR DETAILS								
971-6						SHEET	6	OF 12
						MTDC-	971	
DRAWN D JAWCDD						DATE NOV 1988		
DESIGNED D JAWSKY								
CHECKED D JAWSKY								
APPROVED								
SCALE FULL & NOTED								
DATE								

MATERIAL LIST

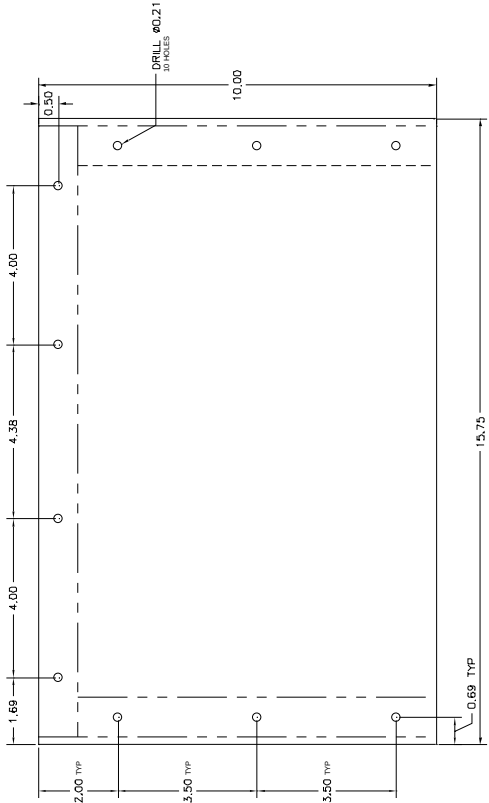
NO	PART NAME	REQD	MATERIAL DESCRIPTION	SHEET
72	TOP COVER	1	1/8" ALUMINUM SHEET	
74	SCREWS	52	#10-24 NC X 1 1/2 LG. CAP HEAD SCREWS	
75	LG SIDE COVER	2	3/8" THICK LEAN (HAR RESISTANT)	
77	ANGLE BRACE	4	3/8 X 3 X 1/2 ALUMINUM ANGLE	
78	NUTS & LOCK WASHERS	52	#10-24 NC X 1 1/2 LG. NUTS & LOCK WASHERS	



73 TOP COVER



77 ANGLE BRACES



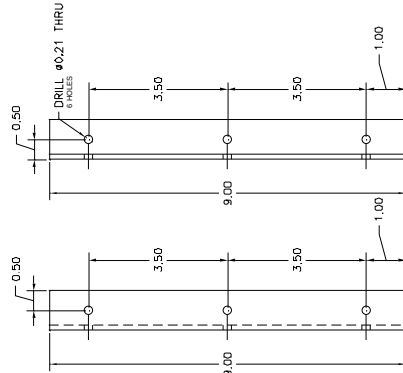
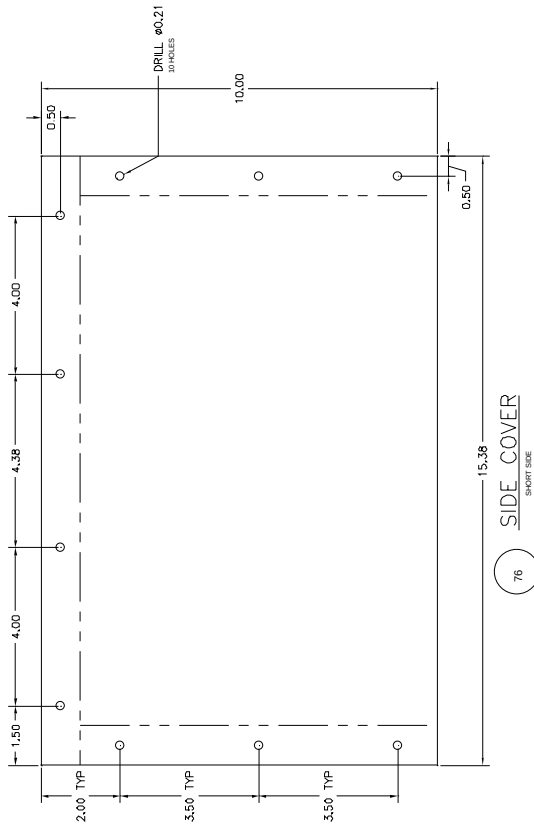
75 SIDE COVER

THIS IS A REDUCED PRINT

DATE	REVISION	BY
U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
TITLE		
BORAX APPLICATOR COVER DETAILS		
971.7		
SCALE	FULL	
DATE	NOV 1998	
SHEET	7 OF 12	MTDC- 971

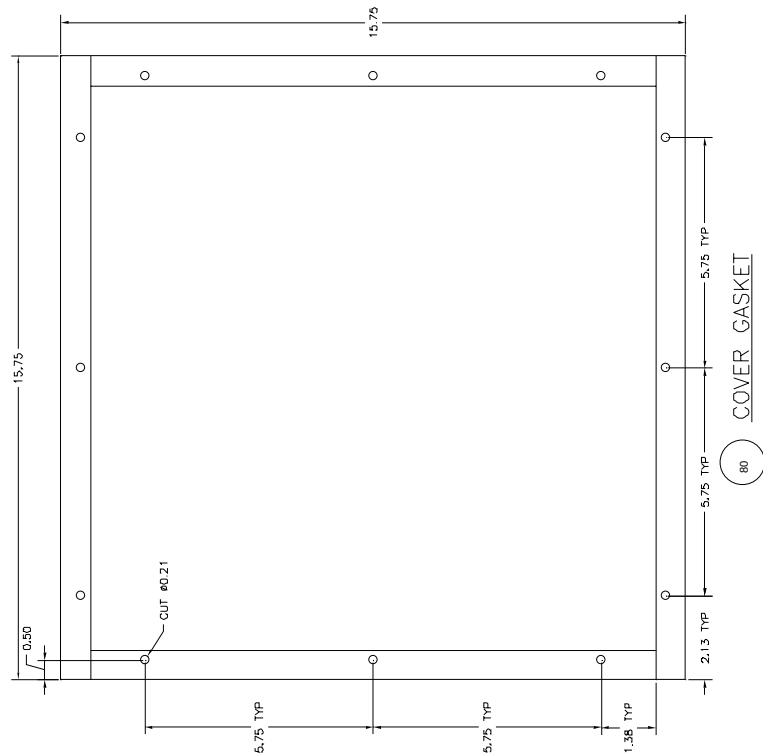
MATERIAL LIST

NO	PART NAME	REQD	MATERIAL DESCRIPTION	SHEET
76	SHORT SOLE COVER	2	LEXAN (W/R RESISTANT)	
79	CORNER BRACES	4	1/8" X 1 X 1 ALUMINUM ANGLE	
80	GASKET	1	1/8 X 3/4W CLOSED CELL WEATHER STRIPPING	

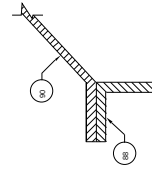


CORNER BRACES

THIS IS A REDUCED PRINT

[illegible]

NO	PART NAME	REQD	MATERIAL DESCRIPTION	SHEET
1	FRAME	1	PARTS BELT RU 00	
2	SHORT BAR	5	3.1/2 X 1.1/2 X .148 STEEL ANGLE	
3	LG BAR	2	3.1/2 X 1.1/2 X .148 STEEL ANGLE	
4	BOTTOM BAR	2	3.1/2 X 1.1/2 X .148 STEEL ANGLE	
5	LG LEG	4	3.1/2 X 1.1/2 X .148 STEEL ANGLE	
6	SHORT LEG	2	PART 06	10
7	DIAGONAL LEG	2	PART 06	10
8	MOUNTING BRACKETS	1	PART 07	10
9	CROSS BRACE	1	PART 08	10
10	TURNING	1	2 X 2 X 2/8 SQUARE STEEL TURNING	10
11	STABILIZING STRAPS	2	PART 09	20
12	ANCHOR	1	PART 10	
13	CHAMFER	1	2X 1/4 X 1/4 X 1/8 EPDM ANGLE (4 FITTED)	
14	GOVERN	4	2X 1/4 X 1/4 X 1/8 EPDM ANGLE (4 FITTED)	
15	WASHER	4	3/8" 304 SS CIRC LOCKWASH BUSH KIT	
16	WASHER	4	3/8" 304 SS WASHER	



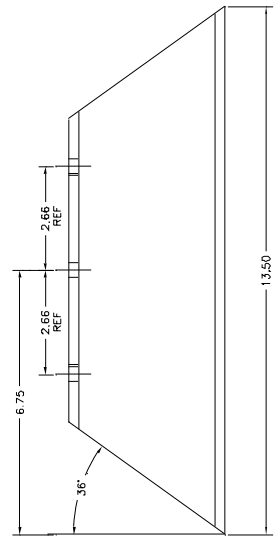
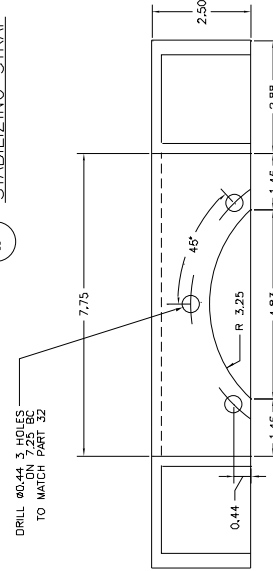
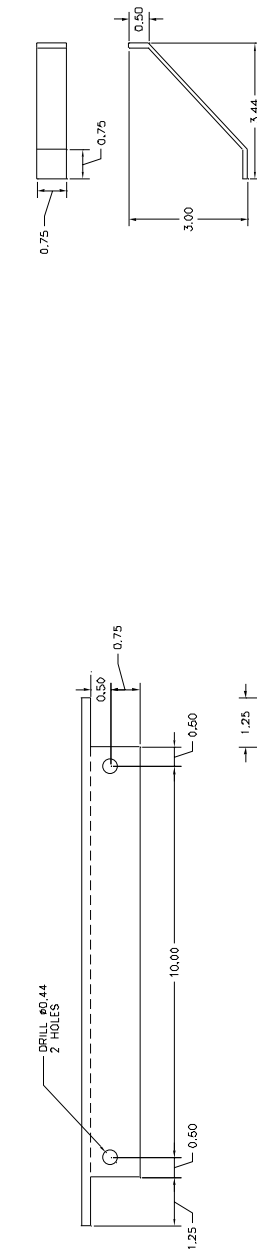
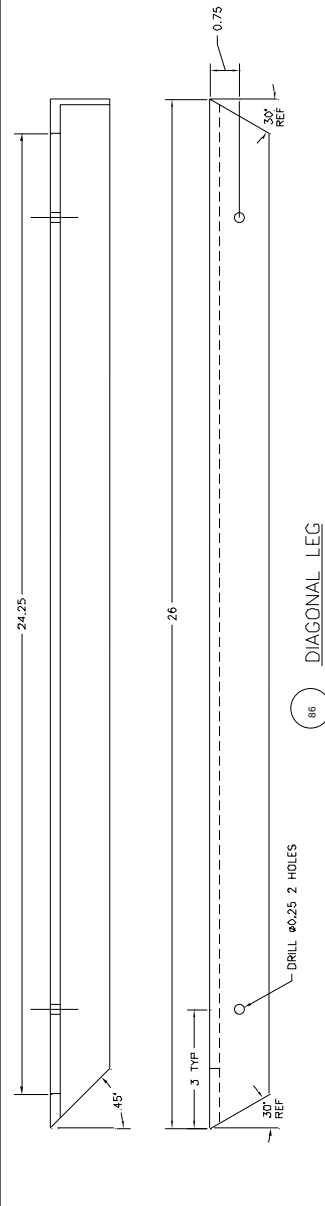
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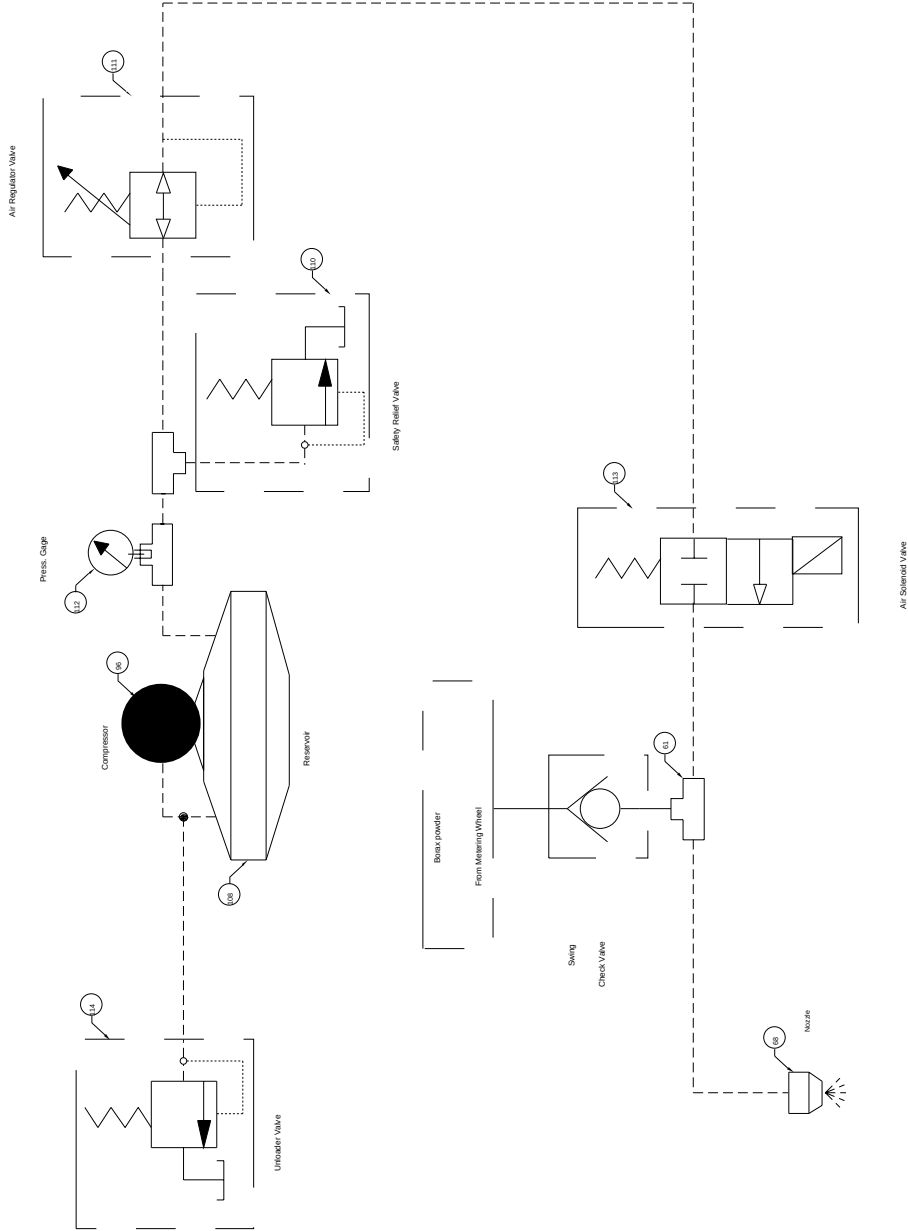
U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA				DATE	REVISION	BY
DRAWN D.MCCO DESIGNED D.MCCO CHECKED D.MCCO APPROVED SCALE 1/2" DATE NOV-1988				BORAX APPLICATOR FRAME ASSY		
971-9				SHEET 9 OF 12	MTDC- 971	

MATERIAL LIST

NO	PART NAME	REQD	MATERIAL DESCRIPTION	SHEET
85	SHORT LEG	2	1-X 2 X 1/2 X 1/4 STEEL ANGLE	
86	DIAGONAL LEG	2	1-X 2 X 1/2 X 1/4 STEEL ANGLE	
87	MOUNTING BRACKETS	2	1-X 2 X 1/2 X 1/4 STEEL ANGLE	
88	CROSS BRACE	1	1-X 2 X 1/2 X 1/4 STEEL ANGLE	
89	STABILIZING STRAPS	2	3/4 X 1/2 STRAP STEEL	
90	CHANNEL ANCHOR	1	4 X 2 1/2 X 1/4 CHANNEL	

[illegible]

MATERIAL LIST			SHEET	
NO	PART NAME	REQD	MATERIAL DESCRIPTION	
5	PNEUMATIC SCHEMATIC	1	PARTS 100 THRU 114	
61	SAFETY CHECK VALVE	1	PART 61	
68	NOZZLE	1	PART 68	
108	RESERVOIR	1	4 GAL PANCAKE, 120 PSI, 36 L. X 14 W	
			X 6 IN DIA, 3/8" 11 GAUGE, GRANGER STOCK	
			NO. 5724 OR EQUAL	
96	COMPRESSOR	1	PART 96	
110	SAFETY RELIEF VALVE	1	150 PSI, 3/4 NPT, CNA 136	
			GRANGER STOCK NO. 50109 OR EQUAL	
111	AIR REGULATOR VALVE	1	1/2 NPT, 1/2 NPT, CNA 136	
			GRANGER STOCK NO. 50109 OR EQUAL	
112	PRESSURE GAUGE	1	0-300 PSI, 1/2 NPT, CNA 136	
			GRANGER STOCK NO. 68335 OR EQUAL	
113	AIR SAFEBLOCK VALVE	1	1/2 NPT, 1/2 NPT, CNA 136	
			GRANGER STOCK NO. 31802 OR EQUAL	
			NON-PASSING BODY, 2.2 CMA, 0.009 CV	
114	UNLOADER VALVE	1	MAX CMA 20, INLET 1/2 NPT, OUTLET 1/2 NPT, VERT	
			GRANGER STOCK NO. 50109 OR EQUAL	



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DATE	REVISION	BY
U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
TITLE		
BORAX APPLICATOR PNEUMATIC SCHEMATIC		
971-12	12 OF 12	MTDC- 971
DATE		
NOV 2008		

5 PNEUMATIC SCHEMATIC