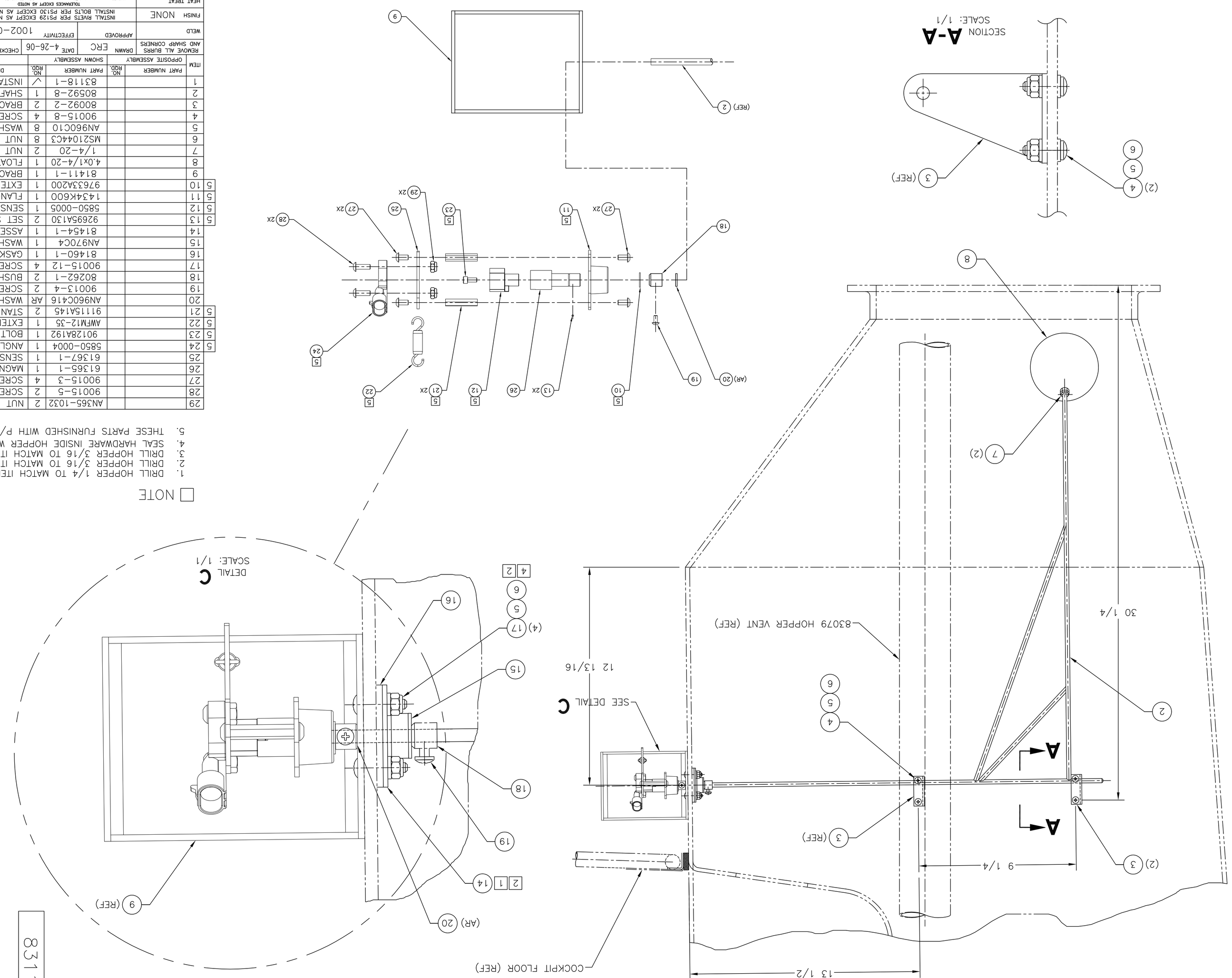

1. DRILL HOPPER 1/4 TO MATCH ITEM 9.
2. DRILL HOPPER 3/16 TO MATCH ITEM 14.
3. DRILL HOPPER 3/16 TO MATCH ITEM 3.
4. SEAL HARDWARE INSIDE HOPPER WITH PR1422 SEALANT.
5. THESE PARTS FURNISHED WITH P/N 1001-0005 FRDS-GEN2 SYSTEM FROM TROTTER CONTROLS.

	ITEM	PART NUMBER	NO. REQ.	PART NUMBER	NO. REQ.	DESCRIPTION	SIZE	SPEC.	ZONE
		OPPOSITE ASSEMBLY		SHOWN ASSEMBLY		MATERIAL			
	1			83118-1	✓	INSTALLATION			
	2			80592-8	1	SHAFT ASSEMBLY			
	3			80092-2	2	BRACKET			
	4			90015-8	4	SCREW (STAINLESS)			
	5			AN960C10	8	WASHER (STAINLESS)			
	6			MS21044C3	8	NUT (STAINLESS)			
	7			1/4-20	2	NUT (STAINLESS)			
	8			4.0x1/4-20	1	FLOAT (STAINLESS)			
	9			81411-1	1	BRACKET			
5	10			97632A200	1	EXTERNAL RETAINING RING			
5	11			1434K600	1	FLANGE MOUNTED BEARING (McMASTER-CARR)			
5	12			5850-0005	1	SENSOR MAGNET (TROTTER CONTROLS)			
5	13			92695A130	2	SET SCREW (McMASTER-CARR)			
	14			81454-1	1	ASSEMBLY			
	15			AN970C4	1	WASHER			
	16			81460-1	1	GASKET			
	17			90015-12	4	SCREW			
	18			80262-1	2	BUSHING			
	19			90013-4	2	SCREW			
	20			AN960C416	AR	WASHER			
5	21			9111SA145	2	STANDOFF (McMASTER-CARR)			
5	22			AWFM12-35	1	EXTENSION SPRING (MISUMI)			
5	23			90128A192	1	BOLT (McMASTER-CARR)			
5	24			5850-0004	1	ANGLE SENSOR (TROTTER CONTROLS)			
	25			61367-1	1	SENSOR MOUNT BRKT			
	26			61365-1	1	MAGNET HOLDER			
	27			90015-3	4	SCREW			
	28			90015-5	2	SCREW			
	29			AN365-1032	2	NUT			

REMOVE ALL BURRS AND SHARP CORNERS	DRAWN ERC	DATE 4-26-06	CHECKED LS
WELD	APPROVED	EFFECTIVITY 1002-0001	
FINISH NONE	INSTALL BOLTS PER PS120 EXCEPT AS NOTED	INSTALL BOLTS PER PS129 EXCEPT AS NOTED	
HEAT TREAT	ANGLES FRACTIONS ± 1 1/2 .XX ± .030 .XXX ± .010 .XXXX ± .001	TOLERANCES UNLESS OTHERWISE NOTED .040 TO .125DIA ± .001 .136 TO .1239 DIA ± .001 .234 TO .500 DIA ± .001 .315 TO .750 DIA ± .005 - .001	
ACT. WT. CALC. WT.			

TITLE FLOAT INSTALLATION-HOPPER

SNOW ENGINEERING CO.
WICHITA FALLS, TEXAS

SIZE D | SCALE 1/3 & NOTED | REV

DRAWING NUMBER 83118

NEXT ASSEMBLY	NO. REQ.	MODEL
83001	1	1002F

83118

LETTER	EFFECTIVITY	CHANGE	REF	DATE	BY	CHK
			□			

1 OK TO USE PARTS MADE	4 NOW SHOP PRACTICE		
2 PARTS MAY BE REWORKED	5 SCRAP EXISTING PARTS		
3 RECORD CHANGE NOTED			

REV