PLAINTIFF'S EXHIBIT

CT-1058

BILL OF MATERIAL
MATERIAL FOR ONE

A3 REQ'D	A2 REQ'D	A1 REQ'D	PART No.	PART	MATERIAL
		X	1	MANDREL-PIPE HANDLING DRIVE	
		1	2	"REEVES" VARI-SPEED MOTOR DRIVE	SEE NOTE No 1
		1	3	SPEED REDUCER	SEE NOTE No 2
		1	4	CLUTCH	SEE NOTE No 3
		1	5	BRAKE	SEE NOTE No 4
		1	6	SUPPORT PLATE	DWG No 8614-1
		1	7	BRAKE SUPP	DWG No 8614-6
		1	8	SUPPORT FRAME	DWG N. 8241-T EXISTING
		1	9	SPROCKET	"DIAMOND" 1"P.-18T. DOUBLE STRAND 2 3/4 BORE 5/8 x 5/16 KEYWAY & SET SCR. MAT CAST STEEL
		1	10	SPROCKET	"DIAMOND" 1"P-20T. DOUBLE STRAND 2 3/16 BORE 5/8 x 5/16 KEYWAY & SET SCR. MAT CAST STEEL
		1	11	ROLLER CHAIN	"DIAMOND" No 80-2 64"Lg.
		1	12	KEY	5/8 x 5/8 x 3 5/8" LG SQ. KEY STOCK - STEEL
		1	13	"	3/8 x 3/8 x 3" LG. " " " - STEEL
		1	14	"	" " x 2 7/16 LG. " " " - STEEL
		1	15	"	" " x 1 3/4" LG. " " " - STEEL
		6	16	CAP SCREW	5/16-18 NC x 1 1/4 LG & NUTS HEX HEAD STEEL
		1	17	SET SCREW	3/4-10 NC. x 5" LG HEX HEAD - STEEL
		1	18	" "	" " x 9" LG. HEX HEAD - STEEL
		1	19	NUT	3/4-10 NC. HEAVY DUTY - STEEL
		4	20	CAP SCREW	3/4-10 NC x 5" LG. HEX HEAD - STEEL
		4	21	" "	" " x 5" LG HEX HEAD - STEEL
		6	22	BOLTS	" " x 2 3/4" LG HEX HEAD - STEEL
		6	23	BEVEL WASHER	3/4 STANDARD - STEEL
		4	24	CAP SCREW	3/4-10 NC x 2 1/2 LG. HEX HEAD - STEEL
		1	25	KEY	5/8 x 5/8 x 6" LG SQ. KEY STOCK - STEEL

NOTES :-

No 1 "REEVES" VARI-SPEED "MOTO—DRIVE" SIZE 400-1D-12 RATIO 5-1 OUTPUT SPEED MAX. 1750 MIN. 350 R.P.M. MOTOR 7 1/2 HP. @ 1200 R.P.M. 3/60/220/440 Z FLOW ASSEMBLY 106-A HANDWHEEL LOCATION "E" (SEE CATALOGUE No G-100 PAGE 22 & 53 ROW 4)

No 2 "CONE-DRIVE GEARS" SPEED REDUCER No HU-7510-C WITH DOUBLE EXTENDED WORM SHAFT (10 To 1 RATIO) CATALOG 70 PAGE 17-18 (K&M FILE 466)

No 3 "WARNER" ELECTRIC CLUTCH COUPLING No PC-1225 1 1/2 BORE BOTH HUBS WITH 3/8 x 3/16 KEYWAYS (K&M FILE 947)

No 4 "WARNER" ELECTRIC BRAKE No PB-1000 1 1/2 BORE WITH 3/8 X 3/16 KEYWAY. (K&M FILE 947)

7	492	17-E-8291, 8241, 8614	B DOTU	2/5/1962	
PLANT No.	EW/A	REF. DWG No. & REMARKS --	BY	DATE	APP.

S. A. No. / JOB No.

KEASBEY & MATTISON CO.
AMBLER, PA.
CENTRAL ENGINEERING DEPARTMENT

SYMBOL

MANDREL - PIPE HANDLING DRIVE ASSEMBLY - FOR 13FT. PIPE MACHINE

A.C. PIPE MANUFACTURING PLANT 257

DR. B. D	APP. JJM	CK. E.V.T. 3-1-62	APP.	DATE 2/2/1962	SCALE 3"=1'-0"

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DWG. No. 8613

CTD028890