

MATERIAL FOR ONE

A5 REQ'D	A4 REQ'D	A3 REQ'D	A2 REQ'D	A1 REQ'D	PART NO.	PART	MATERIAL
				X	1	LIFTING SCREW R.H.	ASSEMBLY
			X		2	LIFTING SCREW L.H.	ASSEMBLY
				1	3	SCREW R.H.	AISI - 4615
		1			4	" L.H.	" "
					5		
		1	1		6	HOUSING	DWG. 8065-1
		1	1		7	LOCK PLATE	DWG. 8065-2
		2	2		8	LOCK PIN	DWG. 8066-4
					9		
		2	2		10	CAP SCREW	1/2-13/16 x 2" LG. HEX. HD. CAP SCREW
		1	1		11	TIMBER	1/2" DIA. x 1 1/2" LG.
	X				12	LOCK SH-ASSEMBLY	
	1				13	Pin ASSEMBLY	DWG. 8065-3
	1				14	BLOCK	DWG. 8066-2
	1				15		1/8 ALUMITE FITTING
	2				16	CUTTER PIN	1/8" DIA. x 1 1/4" LG.
	1				17	PIN	DWG. 8066-5
					18		
	1				19	LATCH	DWG. 8066-1
	X				20	DUST COVER	
	1				21	PLATE	H.R.S. C-1020
	1				22	BRGS	" "
	1				23	TUBING	5" OD. x 13 GA. WELDED TUBING
	1				24	CAP	H.R.S. C-1020
					25	2" x 2" x 1/4" SQUARE TUBING S.T.L.	
					26	2" x 2" x 1/4" SQUARE TUBING	

REF DWG. No 8052 & 8053

S. A. NO.	KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT	SYMBOL
JOB NO.		EWIA-411

PLANT No. 742578, HILLSBORO, TEXAS
13th PIPE MACHINE - PRESS SECTION DETAILS

DATE	5/20/49	DR. W. H.	APP.	CK. C. DUT.	APP. G. W. Z.	DATE E. IS. C. C.	SCALE	3/4" = 1"
DATE	2/15/51	THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO				PRINT ISSUED	ISSUE	
DATE	9/1/46	KEASBEY & MATTISON CO.					DWG. NO.	
DATE		IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME						

BILL OF MATERIAL MATERIAL FOR ONE					
A ₂ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART NO.	PART	MATERIAL
			1	BRG. CAPR.H	C-1020
			2	BRG. CAPR.H	
			3	BRG. CAP	
			4	BRG. CAP	
			5	BRG. RET. R.H.	
			6	BRG. RET. R.H.	
		X	7	TIE ROD	
			8	PIN	C-1020 C.R.S.
			9	SHIM RING	T.P. ARC # 5100-100
			10	CONNECTING LINK	C-1020 C.R.S.
			11	SHIM	LAMINATED SHIMS (BRASS)
			12	SHIM	
			13	SHIM	
			14	SHIM	
			15	SHIM	
			16	SHIM	
			17		BILLINGS #11 ROD END
			18	BUSHING	RBC # B16-9L
			19	BRG. CAP L.H.	C-1020
			20	BRG. CAP L.H.	
			21	BRG. CAP L.H.	
			22	BRG. CAP L.H.	C-1020
			23	CONNECTING LINK	DIA. ROD AISI 4140 LEADED
			24		
		X	25	ROD END	SUB-ASS'Y
			26	ROD END	AISI 4140 LEADED
			27	SPHERICAL BEARING	SPHERCO-SEALMASTER # SBG-16S
			28	LOCK NUT	1 1/2-12 HEX JAM NUT

DR. HEIM LHA-110

58	PL. 58 P/M. No 2	DWG. # 9723	DATE 11/1/1965
PL. No	JOB No.	REF. DWG. & REMARKS	By DATE EWA
S. A. No.	KEASBEY & MATTISON CO.		SYMBOL
JOB No.	AMBLER, PA.		EWA 411
CENTRAL ENGINEERING DEPARTMENT			
PLANT No. 7 HILLSBORO, TEXAS			
13 ^{ET} PIPE MACHINE - GEAR BOX DETAILS			
DR. D.A.	APP. <i>[Signature]</i>	CK. L.O.	DATE
SCALE 6" = 1' ET			
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO		PRINT ISSUED	ISSUE
KEASBEY & MATTISON CO.		DWG. No. 8072	
IT IS ONLY LOANED SUBJECT TO RECALL AT ANY TIME		REV F	

CTD028819

BILL OF MATERIAL MATERIAL FOR ONE					
A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART No.	PART	MATERIAL
		X	1	ANVIL ROLL SUPPORT FRAME	ASSEMBLY
		6	2	COVER PLATE	
		2	3	PLATE	HRS 1020
		1	4		
		1	5		
		2	6		
		2	7		
		4	8		
		1	9		
		1	10		
		1	11		
		2	12		
		1	13		
		1	14		
		2	15		
		1	16		
		1	17	CHANNEL	6" E 13#
		2	18	TUBING	LOW CARBON
		1	19	PLATE	HRS C1020
		48	20	SCREW	1/4-20 NC x 3/4 LG.

DIA-8 HOLES

REF DWG # 8075, 8074 & 8081

S. A. No.		KEASBEY & MATTISON CO.		SYMBOL	
JOB No.		AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		EWA-411	
PLANT NO. 7 HILLSBORO, TEXAS					
13" PIPE MACHINE					
ANVIL ROLL SUPPORT FRAME (DRIVE SIDE)					
DR. WR.	APP. J. W. L.	CK. C. W. F.	APP. G. W. Z.	DATE 9/13/60	SCALE 1/2" = 1'-0"
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO			PRINT ISSUED		ISSUE
KEASBEY & MATTISON CO.			DWG. No.		
IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			8075		

CTD028820

BILL OF MATERIAL MATERIAL FOR ONE					
A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART No.	PART	MATERIAL
		X	1	ANVIL ROLL	SUPPORT FRAME ASSEMBLY
		2	2	PLATE	HRS C 1020
		1	3	A	A
		1	4		
		1	5		
		1	6		
		1	7		
		1	8		
		2	9		
		1	10		
		6	11		
		1	12		
		4	13		
		2	14		
		2	15		
		1	16		
		2	17		
		3	18	TUBING	C-1020 H.R.S.
		6	19	COVER P	DWG NO. 8073-2
		48	20	SCREW	$\frac{1}{4}$ -20 NC x $\frac{3}{4}$ LG.

REF DWG # 8075, 8073 & 8081

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL	
JOB No.				EWA-411	
PLANT NO.7 HILLSBORO, TEXAS 13FT PIPE MACHINE ANVIL ROLL SUPPORT FRAME (OPER. SIDE)					
DR. WR.	APP. <i>[Signature]</i>	CK. CWF	APP. GWZ	DATE 9-16-60	SCALE $1\frac{1}{2}" = 1'-0"$
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED		ISSUE
					DWG. No. 8074

CTD028821

BILL OF MATERIAL MATERIAL FOR ONE					
A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART No.	PART	MATERIAL
		X	1.	UNDERFRAME	
			2	COLUMN	C-1020
			3	GUIDE COLUMN	DITTO
	X		4	COLLAR	ASSEMBLY
			5	NUT	C-1020
			6	WASHER	C-1020
		2	7	BEAM	21"WF 112#
		2	8	BEAM	14"WF 38#
		2	9	PAD	A-7 PL.
		2	10	BEAM	21"WF 112#
		4	11	CHANNEL	15" C @ 40#
		8	12	PLATE	A-7 PL.
	1		13	RING	C-1020
	2		14	SCREWS	3/4-10 NC x 4" LG.

REF. DWG No. 8084

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT			SYMBOL	
JOB No.					EWA-411	
PLANT No. 7 HILLSBORO TEXAS 13 ET. PIPE MACHINE - PRESS SECTION DETAILS						
DR. D.A.	APP. <i>B. Dut</i>	CK. B. DUTY	APP. GWZ	DATE 9/10/60	SCALE NOTED	
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED		ISSUE	
					8075	
DATE						

CTD028822

BILL OF MATERIAL MATERIAL FOR ONE					
A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART No.	PART	MATERIAL
		X	1	PRESSURE BEAM	ASSEMBLY
		1	2	AXLE	C.R.S. C-1020 DO NOT WELD
	X	1	3	FIN	
		1	4	PLATE	HRS-C 1020
		1	5		
		2	6		
		2	7		
		2	8		
		8	9		
		2	10		
		10	11		
		1	12		
		4	13		
		2	14		
		4	15		
		1	16	TUBE	LOW CARBON
		1	17	TUBE	LOW CARBON
	1		18	BAR	C.R.S 1020
	1		19	BAR	C.R.S 1020
	1		20	SASH CHAIN	30" LG. APPROX.
		1	21	PLATE	H.R.S. C-1020

10E7

W 11 OVERALL TUBE LG.

HOLE
SCORE

NOTE: FOR PRESSURE BEAM R. 58 NO. 2 F/M SEE
DWG. NO 9781-1

A. S. S. S.
11-8-1965

REF. DWG. NO 8083 & H-26-1.

S. A. NO.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL	
JOB NO.				EWA411	
PLANT No257A - HILLSBORO TEXAS 13" PIPE MACHINE - PRESSURE BEAM					
33	DR. J.G. L.A.	APP.	CK. G.J.H.	APP. G.W.Z.	DATE 19 SEPT 60
				SCALE 1 1/2" = 1' FI.	
61	THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED	
				ISSUE	
				DWG. NO. 8076	

CTD028823

**BILL OF MATERIAL
MATERIAL FOR ONE**

A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART NO.	PART	MATERIAL
		1	1	HOLDING PIN	CRS C-1020
	X	1	2	HOUSING	ASSEMBLY
		1	3	MOUNTING PLATE	HRS C-1020
		1	4	CRANK SHAFT	CRS C-1020
	1		5	TUBING	H.R.S - C-1020
	1		6	PLATE	H.R.S - C-1020
	1	1	7	GREAS FITTING	"ALEMITE" 1/8" N.P.T.
	1			TOP PLATE	H.R.S. C-1020
	3			SCREWS	H.R.S. C-1020
		1		WASHER	BRONZE
		1		COIL SPRING	PHOS. STEEL
		1		COIL SPRING	PHOS. STEEL

REF. DWG NO. 8082

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL	
JOB No.				EWA-411	
PLANT No. 257A HILLSBORO, TEXAS 13 ^{ET} PIPE MACHINE - TOP BEAM DETAILS					
DR.	APP.	CK. GJH	APP. GWZ	DATE 8-22-60	SCALE 3/16" = 1" FI
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED		ISSUE
					DWG. No. 830783

CTD028824

BILL OF MATERIAL MATERIAL FOR ONE						
A ₄ REQ'D.	A ₃ REQ'D.	A ₂ REQ'D.	A ₁ REQ'D.	PART NO.	PART	MATERIAL
			X	1	BEAM SUPPORT	ASSEMBLY
		X		2	MOTOR SUPPORT	ASSEMBLY
				3	REDUCER SUPPORT	3" SQ. BAR H.R. C-1020
X				4	BRAKE SUPPORT	ASSEMBLY
			1	5	WF BEAM	WF 14x10 @ 61# - 100
			4	6	PLATE	H.R. S. C-1020
			4	7	PLATE	
		2		8	PLATE	H.R. S. C-1020
		1		9	TUBING	4x4x ³ / ₁₆ H.R. MECH. TUBING
	1			10		
2				11	PLATE	HOT ROLLED C-1020
2				12	PLATE	HOT ROLLED C-1020

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL	
JOB No.				EWA 411	
PLANT No. 7 - HILLSBORO TEXAS 13^{ET} PIPE MACHINE - TOP BEAM DETAILS					
DR. D.A.	APP.	CK. B DTV	APP. G W Z	DATE	SCALE 3 rd = 1 ^{ET}
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED		ISSUE
					DWG. No. 8079

CTD028825

BILL OF MATERIAL MATERIAL FOR ONE					
QTY.	A ₁ REQ'D	A ₂ REQ'D	A ₃ REQ'D	PART NO.	MATERIAL
			X	1	PILLOW BLOCK ASSEMBLY
			1	2	HOUSING H.R.S. C-1020
			1	3	BUSHING OILITE No AA-4600-5 1.034.003 O.D.=4.628
		X		4	GUIDE BRG. ASSEMBLY
	1			5	HOUSING CAST STEEL
	2			6	HYDRO-WYFE AND ADAPTERS "GADGETS INC." No A-61
	1			7	BRONZE BUSHING MANG. BRONZE
8	4			8	PIN 3/8" C.R.S. C-1020
1	1			9	GREASE FITTING ALEMITE No 1610
	8			10	CAP SCREW "ALLEN" No 6-32 NC X 3/8 LG.
	X			11	SPLIT HOUSING BRG. ASSEMBLY
2				12	HOUSING CAST STEEL
12				13	BOLTS 3/4-10 NC X 7 3/4 LG. WITH HEX NUTS & LOCKWASHERS
2				14	SPLIT BUSHING MANG. BRONZE
3				15	DOWEL PIN 3/4 DIA. X 4 1/2 LG.
2				16	BUSHING MANG. BRONZE
				17	PRESS ROLL EXISTING (REF DWG. No 27/9374) LANG BRIDGE LTD.
				18	SEAL RING TYPE 303 STAINLESS STEEL*
				19	SHIMS BRASS SHIM STOCK.

* ALTERNATE - 1020 HRS CADMIUM PLATED
.0002" THICK

REF. DWG. No 8083

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL			
JOB No.							
PLANT NO. 7 HILLSBORO, TEXAS LIFTING SCREW CONNECTION DETAILS FOR PRESSURE BEAM							
63	DR. E. M. E.	APP.	CK. B. DUTT	APP. G. W. Z	DATE 8-13-60		
				SCALE 3" = 1'-0" AS NOTED			
63	THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED			
61				ISSUE		DWG. No.	
E				8080		REV. C	

CTD028826

BILL OF MATERIAL MATERIAL FOR ONE					
A ₃ REQ'D	A ₂ REQ'D	A ₁ REQ'D	PART NO.	PART	MATERIAL
		X	1	TOP BEAM	ASSEMBLY
		2	2	18"WF	18"WF 96#
		6	3	18"WF	18"WF 77#
		1	4	10"L	10"L 20#
		1	5	ANGLE	3"x3"x1/2"L
		4	6	TUBING	H.R.S. LOW CARBON
		2	7	PLATE	H.R.S. C-1020
		1	8	↑	↑
		4	9	↑	↑
		1	10	COVER PLATE	H.R.S. C-1020
		1	11	MOTOR BRACKET.	H.R.S. C-1020
		1	12	PLATFORM R.	1/4" THICK H.R.S. R.
		1	13	— " —	— " —
		1	14	— " —	— " —
		4	15	RAILING SUPP.	— " —
		2	16	— " —	— " —
		4	17	END R.	1/2" THICK H.R.S. R.

NOTES:

1. TOP BEAM & ANVIL ROLL SUPPORTS
(BOLTED TO UNDERFRAME) TO BE CLAMPED TOGETHER
TO ALLOW COLUMN BORES TO BE LINE BORED
(SIMULTANEOUSLY) INSURING PARALLELISM OF COLUMNS

~~CHANGES FOR PLANT 58 SEE DWG. NO. 9270, 9271 AND
(9724 - PREP. SEC. 502 ASSY -)~~

3.1.1
11-20-71

REF. DWG. 8073, 8074 & 8076

S. A. No.		KEASBEY & MATTISON CO. AMBLER, PA. CENTRAL ENGINEERING DEPARTMENT		SYMBOL	
JOB No.				EWA-411	
PLANT No 257A HILLSBORO, TEXAS 13 ^{ET} PIPE MACHINE - TOP BEAM					
DR. W.G.	APP. <i>A.S.T.</i> A-SEC	CK. G.U.H.	APP. G.W.Z.	DATE 8-18-60	SCALE 1" = 1'-0"
THIS DRAWING IS THE PROPERTY OF AND MUST NOT BE USED IN ANY MAN- NER DETRIMENTAL TO KEASBEY & MATTISON CO. IT IS ONLY LOANED SUBJECT TO RE- CALL AT ANY TIME			PRINT ISSUED		ISSUE
					DWG. No. 8081

CTD028827

NOTE: 1) ITEMS MARKED * ARE EXISTING ITEMS
ARE NOT TO BE FURNISHED BY VENDOR

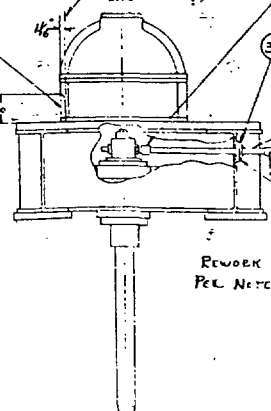
2) HYDROSHAVE SPECIFICATION:-
TWIN DISC HYDROSHAVE TYPE, FOR
MOUNTING ON 15 HP @ 1500 RPM WESTINGHOUSE
MOTOR FRAME 4.7A4U, WITH WORTHINGTON
1" DRIVE PULLEY 68 P.D., 5 GROOVES 8" DI.

3) BRAKE SPECIFICATION:-
CUTLER HAMMILL NO. 57-AC SLENOID
OPERATED, WITH 1/2" STEEL, YET: 4018011
MOUNTED ON END TRAIL SPEED REDUCER "H0-7615"
15 HP @ 1500 RPM, 1" DRIVE PULLEY 7" DIA
1150 SILE - 1/2" DIA, 1/2" KEY, 1/2" DIA, 1/2" DIA
OFFSET AS PER BULLETIN #51 PAGE 2 LINE 3.
CONTINUOUS DUTY

4) PLATFORM REMOVED IN THIS DWG.

TO BE ORDERED BY KEM

FOR GEAR
IF LAISSE AS
DWG SIDE ONLY



REWORK
PER NOTE NO. 2

REWORK
PER NOTE NO. 1

BILL OF MATERIAL MATERIAL FOR ONE

AS REQD	AS REQD	AS REQD	PART NO.	PART	MATERIAL
			1	ASSEMBLY	
			2	COUPLING	WESTINGHOUSE COUPLING DATA REQUIRE TO 1/2" & 1/2" DIA. KEYWAY
			3	SHAFT	DWG. NO. 8076-4
			4	GEAR HANDLE	DWG. FORGED STEEL - UPPER CO. 1/2" F50
			5	BEARING	BOSTON GEAR "B" TYPE - 1/2" BORE
			6		
			7		
			8		
			9		
			10		
			11		
			12	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
			13	HOUSING	DWG. 6076-2
			14	HOLDING PIN	DWG. 6076-1
			15	PIN	3/16" X 3 1/2" LG.
			16	MOUNTING PL.	DWG. 6076-3
			17	BEAM SUPPORT	DWG. NO. 8079-1
			18	MOTOR SUPPORT BEAM	DWG. NO. 8079-2
			19	SLIDE BASE	WESTINGHOUSE HOIST MOTOR FRAME 2500
			20	PULLEY	WORTHINGTON 5-B-6-EO HUB TO FIT ITEM 33 SLEEVE
			21	MOTOR	WESTINGHOUSE HOIST MOTOR 15HP 1800 RPM FRAME NO. 282U 2000V, 3PH, 60C SPLASH PROTECTOR
			22	BOLTS	3/4" DIA. X 1/2" HEX HD. BOLTS W/ HEX NUT & LOCK WASHER
			23	BELTS	WORTHINGTON B-90 MACHED
			24	PULLEY	WORTHINGTON 5-B-8-EO 1 1/2" BORE WITH 3/8" X 1/2" KEYWAY
			25	COUPLING	THOMAS TYPE 312 SN - 1/2" DIA. 893 BORE ONE END 2" KEYWAY 1/2" X 1/2" BORE OTHER END 3/4" KEYWAY 1/2" X 1/2" FURNISH WITH SET SCREWS
			26		
			27	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
			28	JACK	DWG. FORGED STEEL - 1/2" X 1/2" X 1/2" KEYWAY 1/2" X 1/2" X 1/2"
			29		
			30	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
			31		
			32	MOTOR GEAR ASSY	DWG. NO. 60-113 LH
			33	HYDRA SNEAVE	SEE NOTE NO. 2
			34	REDUCER SUPPORT	DWG. NO. 8079-3
			35	SPEED REDUCER	GEAR DRIVE HO-7615-1 TRAIL 15-11 WITH DOUBLE SLOTTED IN-OUT SHAFTS
			36	BRAKE	SEE NOTE NO. 3
			37	BRAKE SUPPORT	PART NO. 4 DWG. NO. 6079
			38	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS

8082

4	39	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
4	40	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
6	41	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
6	42	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
1	43	TOP BEAM	DWG. 8081-1
1	44	MOTOR GEAR ASSY	DWG. 60-113 RH
	45		
2	46	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
2	47	BOLTS	3/8" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
2	48	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS
4	49	BOLTS	3/4" DIA. X 1/2" HEX HD. W/HEX HD. NUTS & WASHERS

REF. DWG. NO. 8084 (PL. 56 REF. 9724)

S. & NO.	KEASBEY & MATTISON CO.	SYMBOL	EWA411
JOB NO.	AMBLER, PA.		
	CENTRAL ENGINEERING DEPARTMENT		
	257A		
	PLANT No. 7 - HILLSBORO, TEXAS.		
	13" PIPE MACHINE - TOP BEAM ASSEMBLY		
DR. 126	APP. 126	CR.	APP. 126
DATE 10-1-19	SCALE 3/4" = 1' LF.		
THIS DRAWING IS THE PROPERTY OF AND MUST BE KEPT IN THE OFFICE OF THE ENGINEER IN CHARGE AND NOT BE LOANED OR REPRODUCED WITHOUT PERMISSION OF KEASBEY & MATTISON CO.		PRINT ISSUED	DATE
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