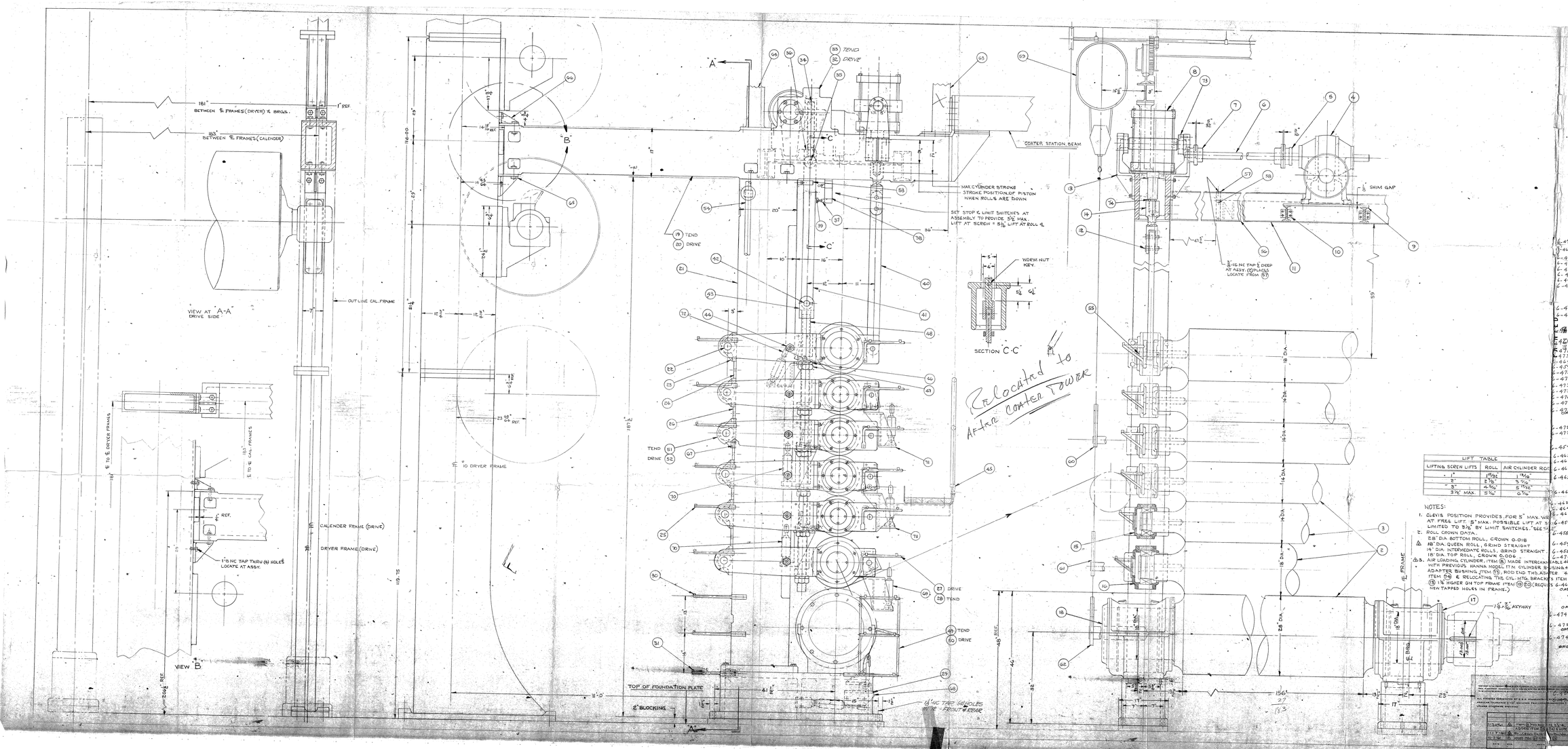

LIFTING SCREW LIFTS	ROLL	AIR CYLINDER ROD
1"	1 15/32"	1 31/32"
2"	2 3/8"	3 7/32"
3"	4 5/32"	5 17/32"
3 1/2" MAX.	5 1/16"	6 7/16"

LIFT TABLE

NOTES:

1. CLEVIS POSITION PROVIDES FOR 5" MAX. WEB AT FREE LIFT. 5" MAX. POSSIBLE LIFT AT SCREW LIMITED TO 5 1/2" BY LIMIT SWITCHES. SEE NOTE 3.
2. ROLL CROWN DATA.
   2.5" DIA. BOTTOM ROLL, CROWN 0.010
   18" DIA. QUEEN ROLL, GRIND STRAIGHT
   14" DIA. INTERMEDIATE ROLLS, GRIND STRAIGHT
   18" DIA. TOP ROLL, CROWN 0.006
3. AIR LOADING CYLINDER, ITEM (8) MADE INTERCHANGEABLE WITH PREVIOUS HANNA MODEL 17 IN CYLINDER BUSHING, ADAPTER BUSHING, ITEM (73), ROD END THD. ADAPTER ITEM (74) & RELOCATING THE CYL. MTG. BRACKETS ITEM (9) 1 1/8" HIGHER ON TOP FRAME ITEM (9) & (10) (REQUIRES NEW TAPPED HOLES IN FRAME.)

	74	2	B-11783	ADAPTER	
	73	4	B-12287	BUSHING, AIR LOADING CYL.	
	72	1	PURCH.	DOCTOR LOADING C-533-5/8 TOP ROLL	
	71	2	PURCH.	DOCTOR LOADING C-533-5/8 "&C" ROLL	
	70	2	PURCH.	DOCTOR LOADING C-533-5/8 "&S" ROLL	
	69	1	PURCH.	DOCTOR LOADING C-533-5/8 QUEEN ROLL	
	68	1	PURCH.	DOCTOR LOADING C-533-5/8 BOTTOM ROLL	
L-4729	12	61	15	A-8919	KEY
L-4712	2	59	2	B11651-1	BRACKET A=4 1/4"
	2	58	2	B11651-2	BRACKET A=7 3/4"
L-4673	—	64	REF	B25-1076	SPILL PEST. CRANE
L-4612	—	63	REF	C7508	RAIL POST, CRANE
L-4659	1	62	1	B25-1063	BOTTOM ROLL REMOVAL LUG
L-4658	2	61	2	B25-1062	TOP & QUEEN ROLL REMOVAL LUG
L-4657	8	60	8	B25-1061	INTERMEDIATE ROLL REMOVAL LUG
L-4870	1	59		1550-137	CONTROL
	—	58	REF	PURCH.	5/16 NC x 3/4 LG. HEX. HD CAP SCREW
	2	57	2	A10181	BRACKET
	2	56	1	B-8037-17	NAME PLATE PAT. # 53101-6-20-61
L-4722	2	55	2	A25-19758	PULL PIN
L-4588	1	54	1	221-CS-500	OIL PIPING ASSY
	2	53	2	A25-20841	LIFT SCREW GUIDE L-4714
	6	52	6	C25-1040	CAL. BRG. ARM (ITEM 1B OPP. DWG.)
	6	51	6	C25-1042	CAL. BRG. ARM (ITEM 1A LIKE DWG)
	1	50	1	C25-1042	LADDER (ITEM 1B OPP. DWG.)
	1	49	1	C25-1042	LADDER (ITEM 1A LIKE DWG)
	2	48	2	A25-20839	LIFT SCREW (A=B=2")
L-4714	12	47	12	A25-20844	LIFT SCREW NUT
L-4678	12	46	12	A25-20843	LIFT SCREW NUT
L-4675	1	45	1	B21-CS-509	CAL. FOOT WALK ASSY.
L-4733	24	44	24	A25-19710	BRG. SCREW
L-4718	2	43	2	A25-20838	LIFT SCREW CLEVIS
L-4735	2	42	2	A25-20844	PIN
L-4730	2	41	2	A25-20840	LIFT LINK (A=49 3/4")
L-4700	2	40	2	A25-20842	LOAD BAR (A=42")
L-4715	1	39	1	A25-19861	LIMIT SWITCH TRIP
L-4716	1	38	1	A25-19864	LIMIT SWITCH BRACKET
OMD	2	37	2	PURCH.	ALLEN BRADLEY LIMIT SWITCH * BUL-802T-A-W1A
L-4727	2	36	2	A25-19759	LIFT SCREW CLEVIS
L-4726	2	35	2	A25-19753	PIN
	2	34	2	B25-1069	ELEC. LIFT SCREW
	1	33	1	D25-1080	CAL. LIFT ASSY. (ITEM 1B OPP. DWG.)
L-4572	1	32	1	D25-1080	CAL. LIFT ASSY. (ITEM 1A LIKE DWG)
L-4653	2	31	2	B25-1073	STEP
L-4675	4	30	4	B25-1071	STEP
L-4676	2	29	2	B25-1074	CAL. FRAME BASE
L-4653	6	28	6	B25-1070	STEP (ITEM 1B OPP. DWG.)
	6	27	6	B25-1070	STEP (ITEM 1A LIKE DWG.)
	8	26	8	A25-20839-1	SPACING PLATE A=4" B=2"
L-4675	12	25	12	B25-1068	STEP
	4	24	4	A25-20839-1	SPACING PLATE A=6" B=3"
L-4655	10	23	10	C25-925	ARM BRACKET
L-4682	12	22	12	B25-926	CAL. ARM PIVOT PIN
L-4671	8	21	2	C25-1036	CAL. FRAME VERTICAL A=17 B=14 C=1 1/2 DIA
	2	20	2	D 3143	CAL. FRAME TOP (ITEM 1B DRWG)
L-4594	1	19	1	D 3143	CAL. FRAME TOP (ITEM 1A TOND)
L-4583	1	18	1	221-CS-508	BOTTOM ROLL BRG. ASSY (ITEM 1B & TEND)
	1	17	1	221-CS-508	BOTTOM ROLL BRG. ASSY (ITEM 1A DRIVE)
L-4596	4	16	4	281-CS-510	TOP & QUEEN ROLL BRG. ASSY
L-4585	8	15	8	321-CS-511	INTERMEDIATE ROLL BRG. ASSY
L-4713	2	14	2	A25-20838	CONNECTING ROD
B.S. TABLE 4463	4	13	4	B25-1065	AIR CYLINDER BRACKET
B.S. TABLE 4713	4	12	4	A25-19754	PIN
L-4671	8	11	2	B25-1058	CAL. CROSS BEAM
	8	10	8	A25-19752	TIE BEAM ANGLES
L-4637	3	9	3	C7588	MOTOR SUPPORT A=46
OMD	2	8	2	PURCH.	1 1/4 - 7 1/2 KEYWAY
OMD	2	7	2	134-6SB	1" FAST SEMI-FLEX COUPLING FLEX HALF BORED 1.812" SOLID HALF BORED 2.187" 1/2 x 1/8 KEY. IN EA. HALF
L-4731 OMD	2	6	2	A25-20841	DRIVE IN SHAFT
L-4746	2	5	2	134-6SB	1" FAST SEMI-FLEX COUPLING FLEX HALF BORED 1.812" SOLID HALF BORED 2.187" 1/2 x 1/8 KEY. IN EA. HALF
OMD	1	4	1	PURCH.	MASTER RIGHT ANGLE SINGLE REDUCTION GEAR MOTOR POSITION A-1, DOUBLE EXTENDED LOW SPEED SHAFT 10 HP. FRAME N-324 RW-TYPE P.B. 60 CYCLE 3 PHASE 220/440 VOLT 250 RPM MOTOR SHAFT SPEED 175 RPM CENTER SHAFT SPEED (REDUCTION 10:1)
L-4677	2	3	2	B25-1075	18" DIA. ST. STL. INTERMEDIATE ROLL
L-4655	1	2	1	C21-459	CALENDER ROLLS
	1	1	1	ASSY	CALENDER ELEVATION & ASSY.

12-20-61	2	ITEMS 8 & 9 ADDED, 11 & 12 ADDED, ITEM 10 ADDED, ITEMS 3			
11-7-61	1	ALL ITEMS ADDED, ITEMS 1 & 2			
10-3-61		ORIG. DWG. RELEASED			
DATE	REV.	REVISIONS			

ALL CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ENGINEERING DEPT.
ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED TOLERANCE ± 1/32" ANGULAR TOLERANCE ± 1/2°

NAME: CALENDER ELEVATION & ASSY.
BLACK-CLAWSON
CONTAINER CORP. PHILA. PA. L-4571
SCALE 1/2" = 1" | DRAWN | CHECKED | DATE | 12-20-61
32 E-163