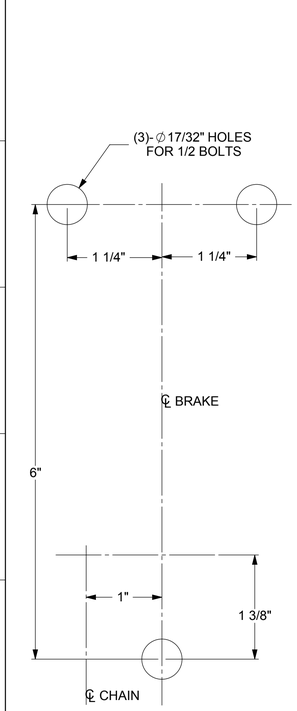
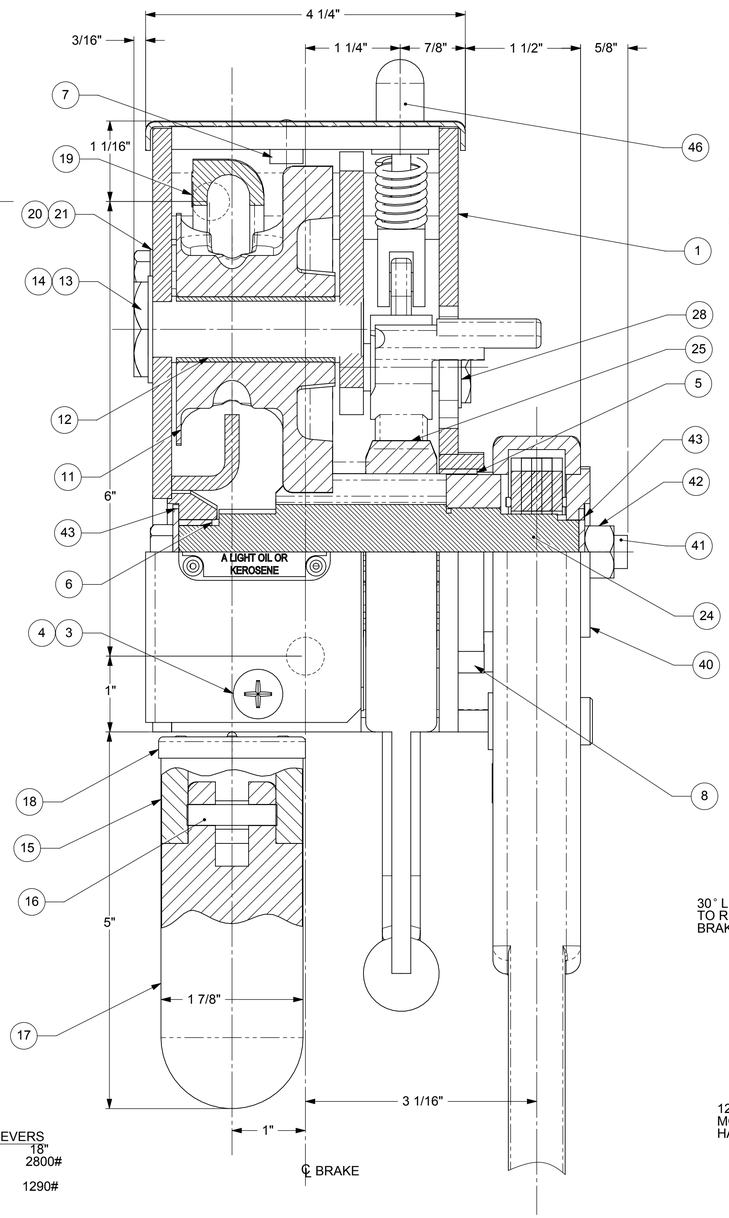
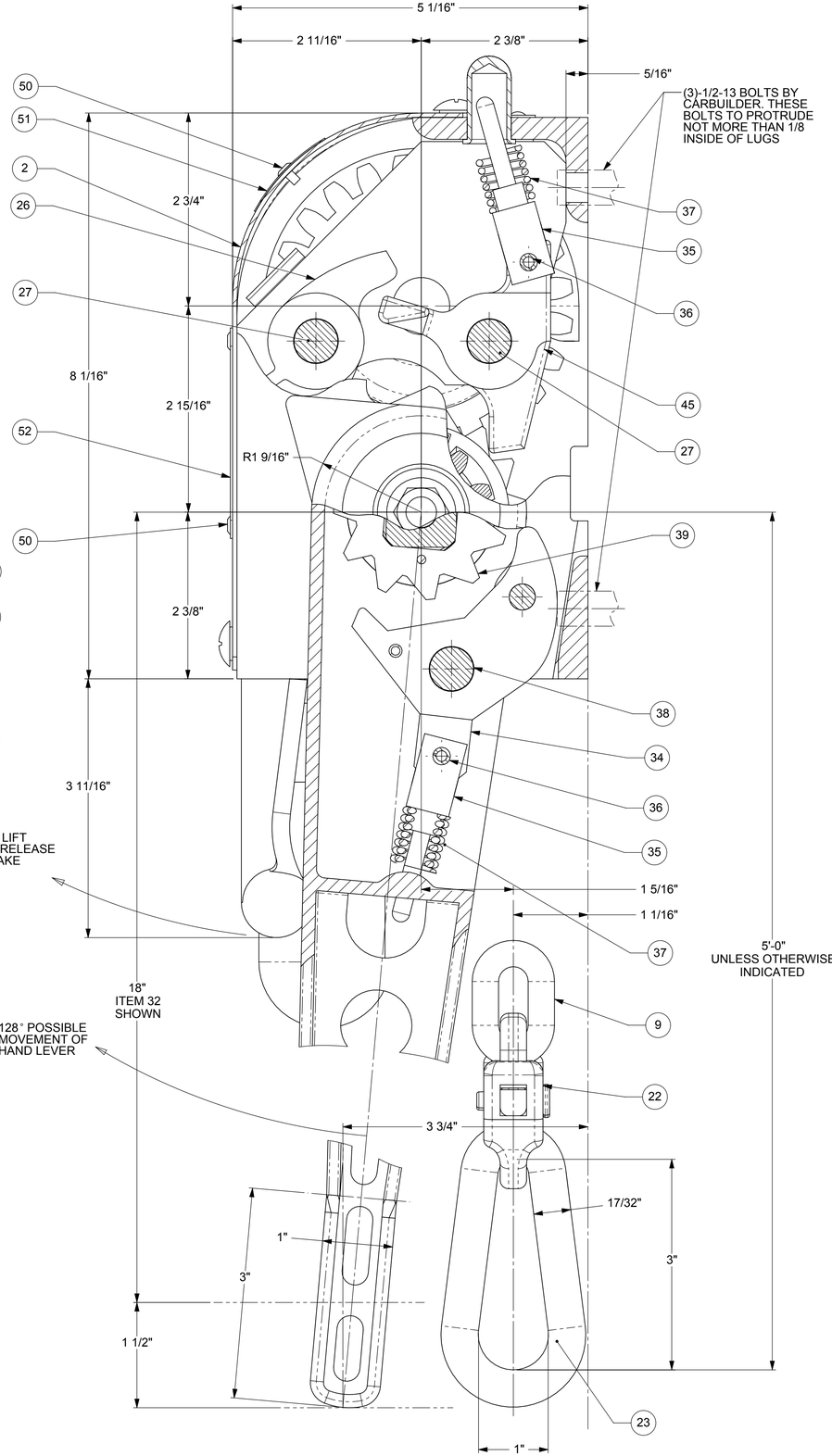


DRILLING DIAGRAM





GENERAL DATA

FORCES

	HAND LEVERS 12"	18"
ACTUAL 125# ON HAND LEVER	1770#	2800#
ACTUAL 60# ON HAND LEVER	820#	1290#

WEIGHT AS SHOWN 35 LBS.

WEIGHT ON CHAIN
1.4 LBS. PER FOOT.

BRAKES FURNISHED IN MALL. IRON AND STEEL CONSTRUCTION,' WITH BLACK PRIMER FINISH.

CHAIN TRAVEL UNLIMITED.

BRAKE RIGGING TO BE EQUIPPED WITH A SUITABLE RETURN SPRING IN ORDER TO EFFECT A FULL RELEASE OF HAND BRAKE.

SEE DRAWING D-2470 FOR ASSY OF MODEL 840-FL BRAKE (LEFT HAND TYPE).

FOR APPLICATION OF HAND LEVER MAGNETIC RETAINER SEE DRAWING C-1624.

FOR APPLICATION OF HAND LEVER WALL RETAINER, SEE DRAWING C-3734

NOTE:

ALL DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO COMMERCIAL TOLERANCES. IF ANY DIMENSIONS ARE CRITICAL TO THE INSTALLATION, CONTACT ELLCON-NATIONAL ENGINEERING DEPARTMENT

REVISIONS			
REV.	DATE	DESCRIPTION	APPROVED
N	3-29-95	REDRAWN ON COMPUTER AND REVISED TO AGREE WITH DETAILS. PER EDR-95-188	LPS
P	2-15-96	BALLOONED ITEM 52 CORRECTED TO 55 AT 9G PER EDR 96-76	LPS
Q	10-18-96	PART NO. 3718 WAS 3718-1. PER EDR 96-545	LPS
R	11-6-96	1770# WAS 1170# AT D-16. PER ECN 17	LPS
S	2-14-02	"WITH BLACK PRIMER" WAS "PAINTED" , DELETED OPTIONAL WITH E-N ON P/N 1089. PER ECN #4054	GMP
T	7-26-05	REDRAWN IN SOLID WORKS; CHANGED ITM 55: 3338-1 WAS 3338, ITM 58: 3724 WAS 3621 PER ECN 6347	RAL
U	3-31-08	EDITED BOM ADDING ITEMS 1-3 AND REMOVING DOUBLE ITEMS 46-50 PER ECN 8438	RAL

PART OF ITEM 2 (3724-10)

QTY.	PART NO.	DESCRIPTION	ITEM NO.
1	3724	COVER	53
1	4217	MODEL PLATE	52
1	31818	WARNING LABEL	51
6	3338-1	1/8 BLIND RIVET	50
1	837-F	HAND LEVER WALL RTNR. - IF SPECIFIED	49
1	1120-RH	ELEC. CONT. SWITCH ASSY - IF SPECIFIED	48
1	1150	MAGNETIC RETAINER ASSY - IF SPECIFIED	47
1	3177	PLUNGER CAP	46
1	3196-R	HOLDING PAWL	45
1	6462-1	HOLDING PAWL ASSEMBLY	44
2	778	WASHER	43
1	4493-18	.44-14 NUT	42
1	142-K	.44-14 X 6 HX HD CAP SCREW	41
1	3263	HAND LEVER RETAINER	40
1	855	RATCHET ASSEMBLY	39
1	853-A	SHAFT	38
2	1149	SPRING	37
2	1298	.25 DIA X .625 ROLL PIN	36
2	1297	SPINDLE	35
1	6069-1	PAWL ASSEMBLY	34
1	6615-1	PAWL & SPINDLE ASSY COMPLETE	33
1	1162A-18	HAND LEVER 18"	32
1	1162A-12	HAND LEVER - 12"	31
1	6459-4	HAND LEVER ASSEMBLY - 18"	30
1	6459-2	HAND LEVER ASSEMBLY - 12"	29
2	963	LOCKWASHER	28
2	961	HOLDING PAWL SHAFT	27
1	4031	TRIP LEVER	26
1	3326	PINION RATCHET	25
1	3530	PINION ASSEMBLY	24
1	15	END LINK	23
1	1089	JOINER (OPTIONAL WITH E-N)	22
2	726	5/16 LOCK WASHER	21
2	702-D	.313-16 X .75 HX HD CAP SCREW	20
1	1071	CHAIN GUIDE	19
1	1136	SNUBBER CAP	18
1	1072	CHAIN WEIGHT	17
1	1074	PIN	16
1	1073	CHAIN SNUBBER	15
1	962	LOCKWASHER	14
1	959	HEADED SHAFT	13
1	1075	TUBE BEARING	12
1	1068	CHAIN DRUM	11
1	6457	CHAIN GEAR ASSEMBLY	10
1	131	CHAIN 3/8"-7500 LBS. PT-6'-1-1/2" O.A.	9
1	3265-1	PAWL ACTUATOR	8
1	1065	OIL CUP	7
1	797	BEARING	6
1	858	BEARING	5
2	1086	LOCK WASHER	4
2	1096	.25-20 X .38 TRUSS HD SCREW	3
1	3724-10	COVER	2
1	3718	HOUSING ASSEMBLY	1

ELLCON NATIONAL
50 BEECHTREE BLVD. GREENVILLE, S.C. 29605

ASSEMBLY MODEL 840-FR BRAKE
(RIGHT HAND TYPE)

DRAWN	CHECKED	DATE	SCALE
SS	R	11-21-66	1:1

SIZE	DWG NO	REV
D	2480	U

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