

DRILLING DIAGRAM

GENERAL DATA

A 125 LB. FORCE APPLIED TO END OF HAND LEVER WILL RESULT IN AN OUTPUT FORCE OF 2800 LBS.

A 74 LB FORCE APPLIED 3" FROM END OF HAND LEVER WILL RESULT IN A SUSTAINED OUTPUT FORCE OF 2100 LBS.

WEIGHT AS SHOWN EQUALS 36 LBS.

BRAKE FABRICATED OF MALLEABLE IRON AND STEEL CONSTRUCTION.

BRAKE PAINTED WITH BLACK WATER REDUCIBLE SHOPCOAT PRIMER.

CHAIN TRAVEL-UNLIMITED

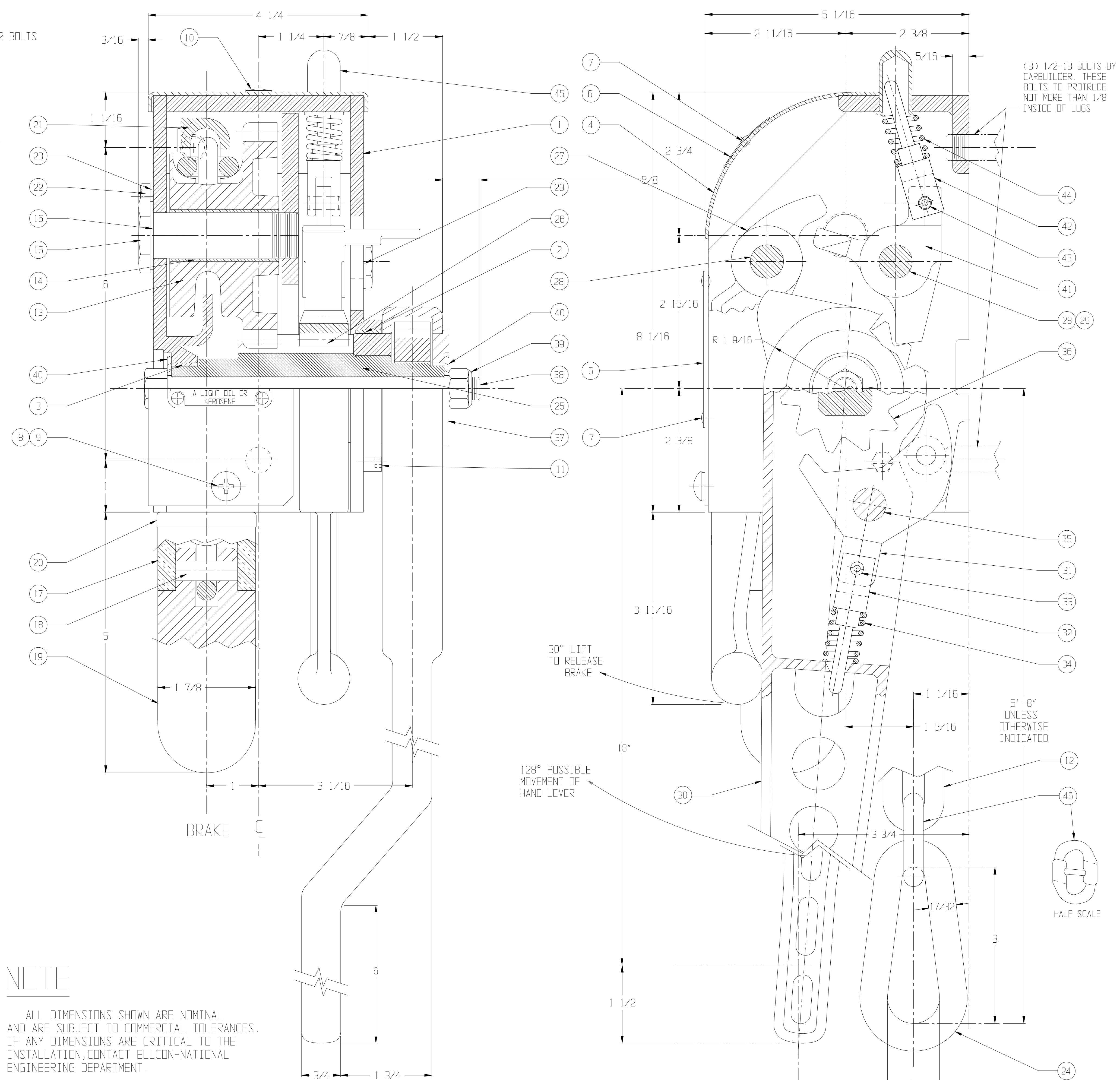
BRAKE RIGGING TO BE EQUIPPED WITH A SUITABLE RETURN SPRING IN ORDER TO PROVIDE FOR A FULL RELEASE.

SEE DWG. D-31675 FOR ASSEMBLY OF MODEL 840-FL-3 BRAKE (LEFT HAND TYPE)

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.

SEE DWG. D-31675 FOR ASSEMBLY OF MODEL 840-FL-3 BRAKE (LEFT HAND TYPE)



REVISIONS			
LTR	DATE	DESCRIPTION	BY
A	5-20-96	REDRAWN TO CAD, REVISED BOM PER EDR 96-240	PCC
B	5-11-01	ADDED 74 LB STATEMENT TO GENERAL DATA NOTES, KLS BLACK PRIMER WAS GREY PER ECN # 3542	
C	9-19-02	ADDED P/N 3718-1 & P/N 1072-1, PER ECN #4422	GMP
D	10-7-02	P/N 1072 WAS 1072-1, PER ECN #4452	GMP

1	1089	JOINER (OPTIONAL WITH E-N)	46
1	3177	CAP	45
1	1149	SPRING	44
1	1298	PIN	43
1	1297	SPINDLE	42
1	3196-R	HOLDING PAWL	41
1	6462-1	HOLDING PAWL ASSEMBLY	
2	778	WASHER	40
1	4493-18	NUT, ESNA	39
1	142-K	SCREW	38
1	3263	RETAINER	37
1	855	RATCHET ASSEMBLY	36
1	853-A	SHAFT	35
1	1149	SPRING	34
1	1298	PIN	33
1	1297	SPINDLE	32
1	6069-1	PAWL ASSEMBLY	31
1	6615-1	PAWL & SPINDLE ASSEMBLY	
1	31685-R	HAND LEVER-18"	30
1	31695-2	HAND LEVER ASSEMBLY-18"	
2	963	LOCKWASHER	29
2	961	SHAFT	28
1	4031	TRIP LEVER	27
1	3326	RATCHET	26
1	3530	PINION ASSEMBLY	25
1	15	END LINK	24
2	726	LOCKWASHER	23
1	702-D	SCREW	22
1	1071	GUIDE	21
1	1136	CAP	20
1	1072	WEIGHT	19
1	1074	PIN	18
1	1073	SNUBBER	17
1	962	LOCKWASHER	16
1	959	SHAFT	15
1	1075	BEARING	14
1	1068	CHAIN GEAR	13
1	6457	CHAIN GEAR ASSEMBLY	
1	131	CHAIN 3/8"-7500 LBS. PT-6' 9 1/2" O.A.)	12
1	3265-1	PAWL ACTUATOR	11
1	1065	OIL CUP	10
2	1086	LOCKWASHER	9
2	1096	SCREW	8
6	3338	POP RIVET	7
1	31818	WARNING LABEL	6
1	4217	MODEL PLATE	5
1	3724	COVER	4
1	3724-10	COVER ASSEMBLY	
1	797	BEARING	3
1	858	BEARING	2
1	3718-1	HOUSING	1
1	3718-10	HOUSING ASSEMBLY	
QTY.	PART NO.	DESCRIPTION	ITEM

BILL OF MATERIAL

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

MODEL 840-FR-3 BRAKE ASSEMBLY-RIGHT HAND TYPE

SCALE FULL DATE 9-10-90 REV. D

DRAWN REPRO D-31680 D

CHECKED DJT