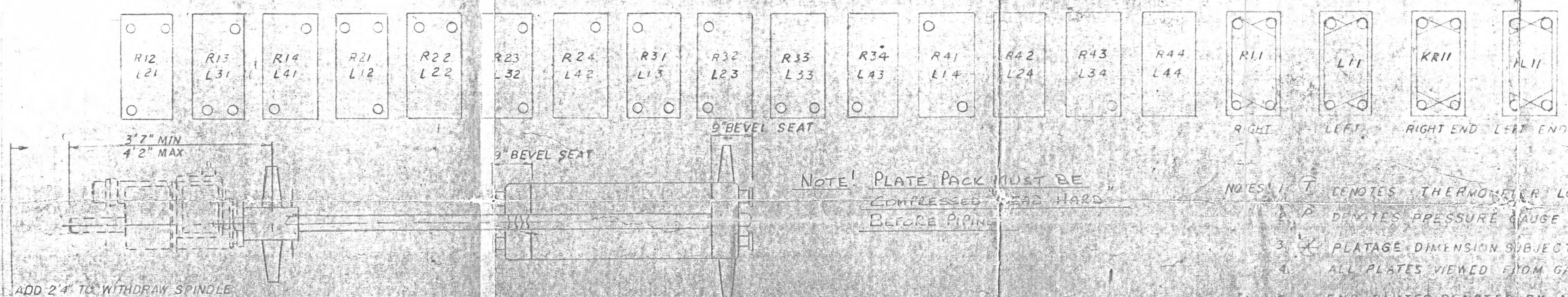
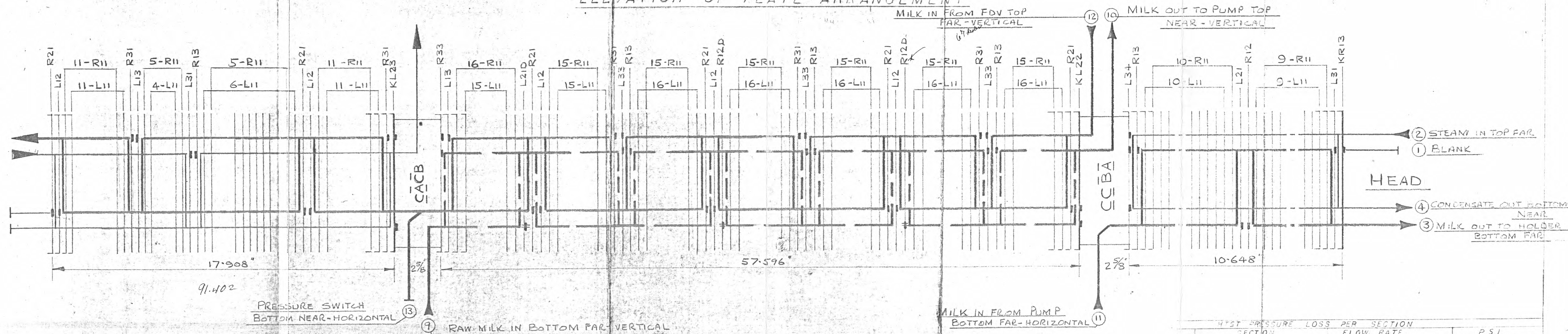


ELEVATION OF PLATE ARRANGEMENT



NOTE! PLATE PACK MUST BE
COMPRESSED AND HARD
BEFORE PIPING

NOTES: 1. T DENOTES THERMOWELLER LOCATION
2. P DENOTES PRESSURE GAUGE LOCATION
3. L PLATAGE DIMENSION SUBJECT TO ± 0.005 " PER PLATE
4. ALL PLATES VIEWED FROM GASKET SIDE
5. END PLATES DENOTED BY LETTER K
PRECEDING SYMBOL NUMBER
6. CONNECTIONS 3" ON HEAD AND FOLLOWER
3" ON CONNECTOR PLATES

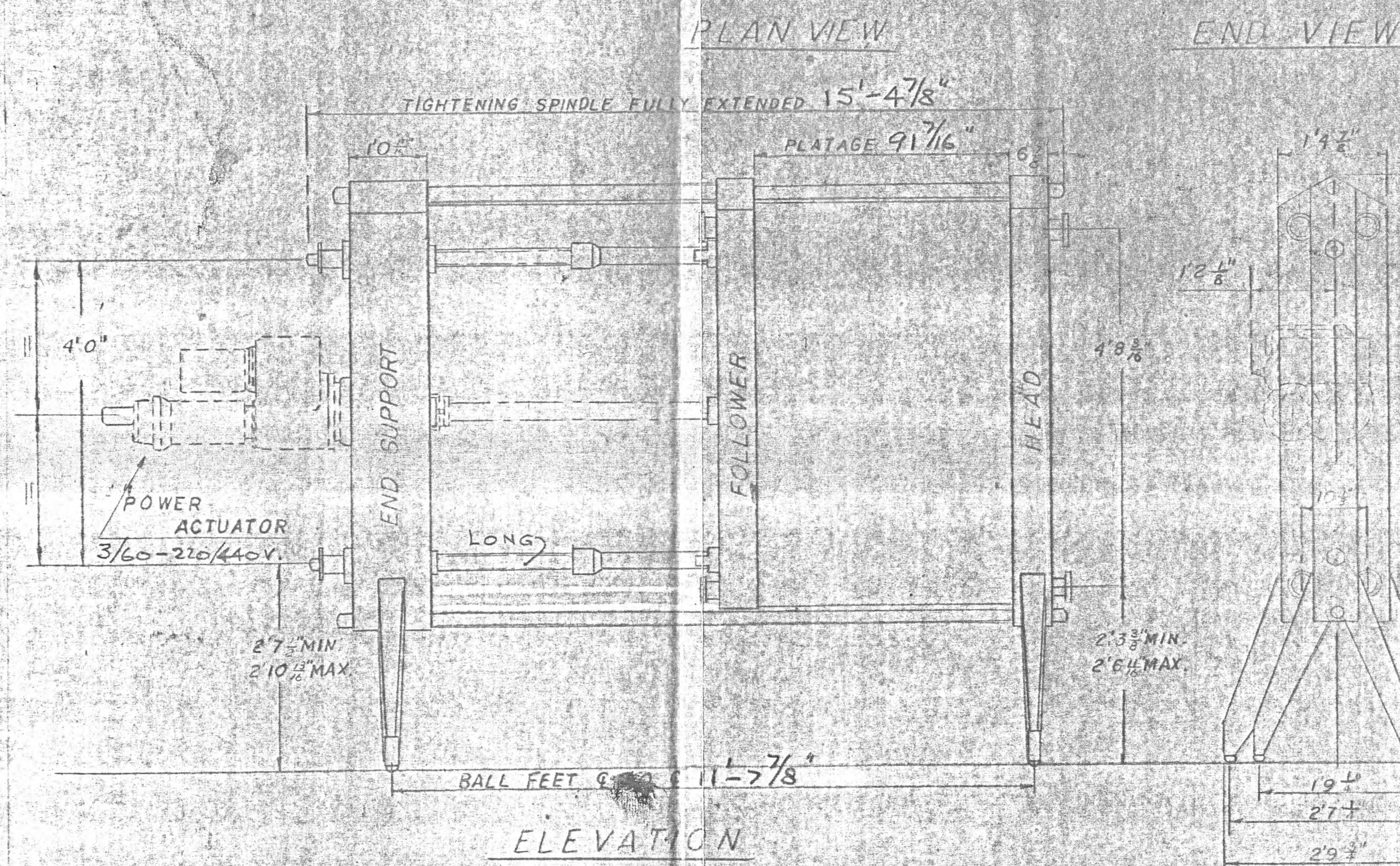


Diagram illustrating the assembly of a piston and connecting rod. The components are labeled as follows:

- 1: Piston Pin
- 2: Piston Pin Retainer
- 3: Piston Pin Retainer Nut
- 4: Piston Pin Retainer Washer
- 5: Piston Pin Retainer Nut
- 6: Piston Pin Retainer Washer
- 7: Piston Pin Retainer Nut
- 8: Piston Pin Retainer Washer
- 9: Piston Pin Retainer Nut
- 10: Piston Pin Retainer Washer
- 11: Piston Pin Retainer Nut
- 12: Piston Pin Retainer Washer
- 13: Piston Pin Retainer Nut

The diagram shows the piston (FOLLOWER) and the connecting rod (HEAD) with various fasteners (nuts and washers) used to secure the assembly. A dashed line indicates the 'GASKETS FACE HEAD'.

HIST. PRESSURE		LOSS	PER SECTION	
SECTION		FLOW RATE		P.S.I.
	RAW REGENERATOR	100,000	#/HR	30
	PAST. "	"	"	30
	HEATER	"	"	18
	COOLER	"	"	24

	LIQUID	RATE	TEMP. F°	PRESSURE ^{14/24}
D	MILK	100,000 #/HR	40-175-33/34	
U	VAC. STEAM	1400 #/HR	180	
T	GLYCOL	300 GPM	27	24

	LIQUID	RATE	TEMP. F°	PRESSURE ^{14/24}
D				
U				
T				

LIST OF PLATES #150		LIST OF PLATES #151	
TOTAL "L" PLATES 178		TOTAL "R" PLATES 178	
L11 — — —	161	R11 — — —	157
L12 — — —	5	R12 — — —	1
L13 — — —	2	R13 — — —	5
L21 — — —	1	R21 — — —	6
L210 — — —	1	R31 — — —	5
L31 — — —	2	R33 — — —	1
L33 — — —	3	KR13 — — —	1
L34 — — —	1	R120 — — —	2
KL22 — — —	1		
KL23 — — —	1		

FRAME SIZE 9
TYPE FITTINGS TRICLAMP
MAX OPERATING PRESSURE 225 PSI.
PLATAGE 91'402 IN. MIN.
VOLUME OF PRODUCT 207 GAL.
NET WEIGHT OF M/C 9700 LBS.

MODEL R51PT5907
HEAT EXCHANGER
W.O.

CUSTOMER
PO. 38692
MDE CORP.
DETROIT MICH.
TWIN PINES DAIRY
DETROIT MICH.

DGS. AND CALCULATIONS BY:	A.D.E.M 48 GARDEN ST. EVERETT 49 MASS.
EQUIPMENT SUPPLIED BY:	A.P.V. CO. INC. 137 ARTHUR ST. BUFFALO N.Y.

DATE: 11/27/70	SUPERSEDES: A-8814
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DR. NO.: A-8885/R

7 DR. BY: WCS

CHECKED BY: