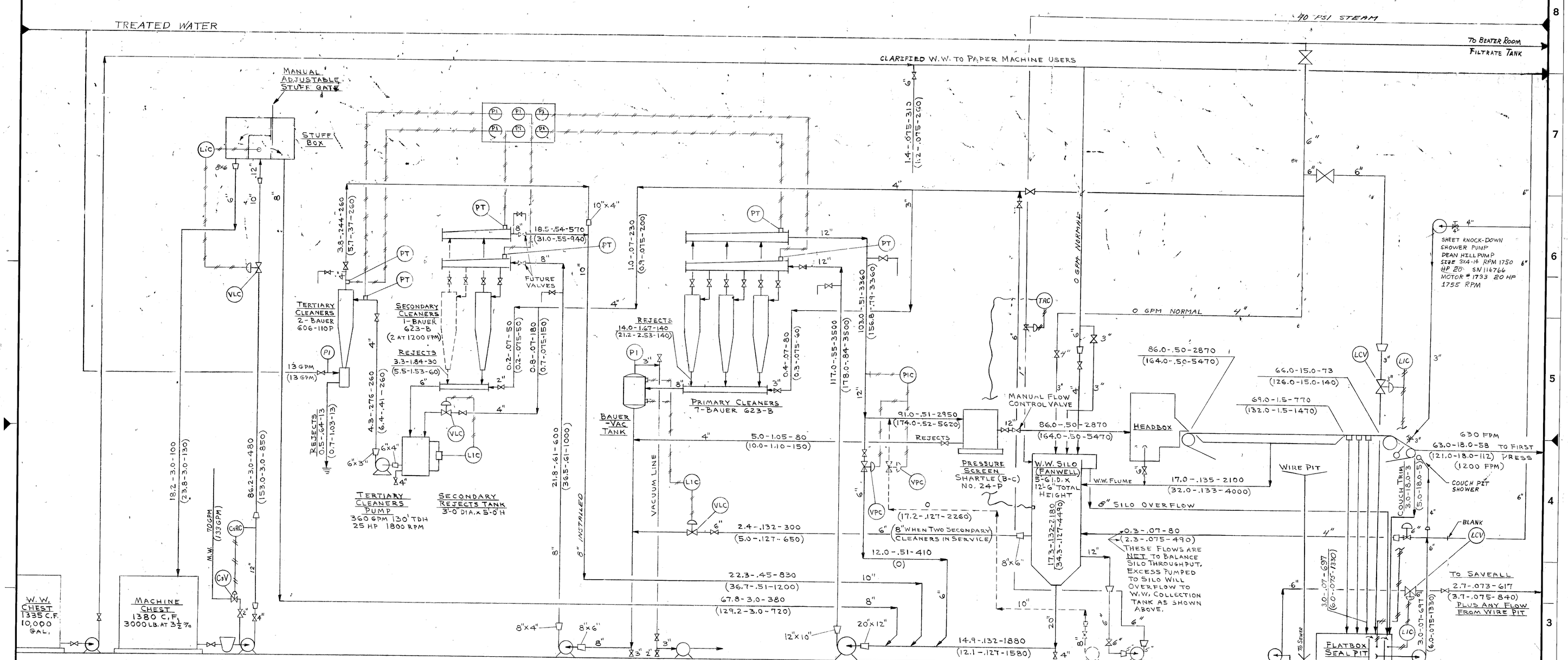
LPP #44F 0001A5



WHITE WATER TO PAPER MACHINE PUMP
500 GPM 136' TDH
GOULDS MOD. 3196 3x4-13
12" IMP SN 706B218
INSTALLED NEW 11-1-71
MOTOR 30HP, 1770 RPM NO. 1696

MACHINE CHEST PUMP (EXISTING)
300 GPM 80' TDH
50HP 1180 RPM

SECONDARY CLEANERS PUMP
1080 GPM 130' TDH
50 HP 1800 RPM

VACUUM PUMP

FAN PUMP
3500 GPM 150' TDH
200 HP 1800 RPM

SCREEN DILUTION PUMP (FUTURE) W.W. PUMP
2500 GPM 40' TDH 7½ HP 1800 RPM

W.W. PUMP TO SAVEALL (NEW)
1000 GPM 44 Ft. Hd.
15 HP 1200 RPM
4x6-13 GOULDS 3196

FLATBOX W.W. PUMP (NEW)
1000 GPM 44 Ft. Hd.
15 H.P. 1200 RPM
4x6-13 GOULDS 3196

BASIS FOR FLOW FIGURES

1. ABOVE THE LINE
   20 LB. BASIS WEIGHT PER 500 SHEETS x 17" x 22"
   630 FPM WITH 114" DECKLE ON 116" WIDE WIRE
2. BELOW THE LINE (IN PARENTHESES)
   20 LB. BASIS WEIGHT
   1200 FPM WITH 114" DECKLE
3. ALL FLOWS ON BONE DRY BASIS, 24 HOUR/DAY OPERATION
4. 86 TONS/DAY AT 0.50% = 2870 GPM SHOWN THUS: 86-0.5-2870
5. PIPING SIZED FOR 1200 FPM

3-6-72

DRAWING NO.	REFERENCES	DRAWING NO.	REFERENCES	NO.	REVISIONS	MADE	CKD.	DATE
				5	ADDED PIPING AND BOOSTER PUMP FOR SHEET KNOCK-DOWN SHOWER	REC		7/31/72
				4	REVISED PIPING AT FLATBOX SEAL PIT, MACHINE CHEST PUMP AND NEW PIPE TO SAVEALL	JGL		6/14/71
				3	CHANGED STOCK SAVER DILUTION. ADDED SAMPLE VALVES, GULF REC. BOXES, AND MANGETS & ADDED LOW PRESSURE W.W. PUMP. REVISED W.W. AND TREATED WATER LINES	GES		3/18/71
				2		GES		3/13/71
				1	REVISED FLOWS FOR TWO SECONDARY CLEANERS AT 1500 FPM AND ADDED W.W. COLLECTION BOX	EDS		2/27/71

CONTRACT	SCALE NONE	DATE
E-0376-8	DESIGN BY: D. STEWART	1/29/71
	DRAWN BY: D. STEWART	1/29/71
	CHECKED BY: G. SMITH	2/26/71
	SUPV. BY:	
	SUBM'TD. BY:	
	APP'D. BY:	
	APP'D. BY:	
	APP'D. BY:	

PIPING AND FLOW DIAGRAM
No. 4 PAPER MACHINE

LINCOLN PULP AND PAPER CO., INC.
LINCOLN, MAINE

THE RUST ENGINEERING CO.
A DIVISION OF LITTON INDUSTRIES
PITTSBURGH PENNSYLVANIA

DRAWING NUMBER 40P-2

LPP #44F 0001A5