

United States Gypsum Co.
Chicago, IL

June 1986
S.O. #39393

DESIGN SPECIFICATIONS

- A. 750 FPM design speed.
- B. 1200 PLI design nip load both Presses.
- 1st Press start-up: 500 PLI
2nd Press start-up: 800 PLI
- C. 118" face machine width.
- D. 15 PLI felt tension.
- E. 1st Press felt length: By mill
- F. 2nd Press felt run: 43'-1" min., 48'-5" max.
- G. 1st Press horsepower:
- NRL 156 Hp at 750 RPM
RDC 208 Hp at 750 RPM
- H. 2nd Press horsepower:
- NRL 75 Hp at 750 RPM
RDC 100 HP at 750 RPM
- I. 2nd Press Top Roll Drive, 40 Hp.
- J. FURNISH CONDITIONS:

<u>Grade</u>	<u>Type</u>	<u>Percentage</u>	<u>Freeness</u>
Manila-Liner -Filler	Flyleaf	100%	150-200 CSF
	Kraft Cuttings	60% - 80%	350-400 CSF
	Old Newspaper	20% - 40%	
	Magazine	10% - 20%	
Newslined-Filler	Corrugated	60% - 80%	350-400 CSF
	Mixed and Magazine	20% - 40%	

Normal operating Ph range will be 6.5 to 7.5.

K. PRODUCTION SPECIFICATIONS - BASED ON 600 FPM

Base Weight	52 lbs./MSF
Production Gross	200 T/D
Sheet moisture to First Dryer	56%
Tensile	80 lbs/Lin. Inch MD 23 lbs/Lin. Inch CD
Porosity	150 Sec. Maximum
Wet Web Width On 1st Dryer	111 Inches