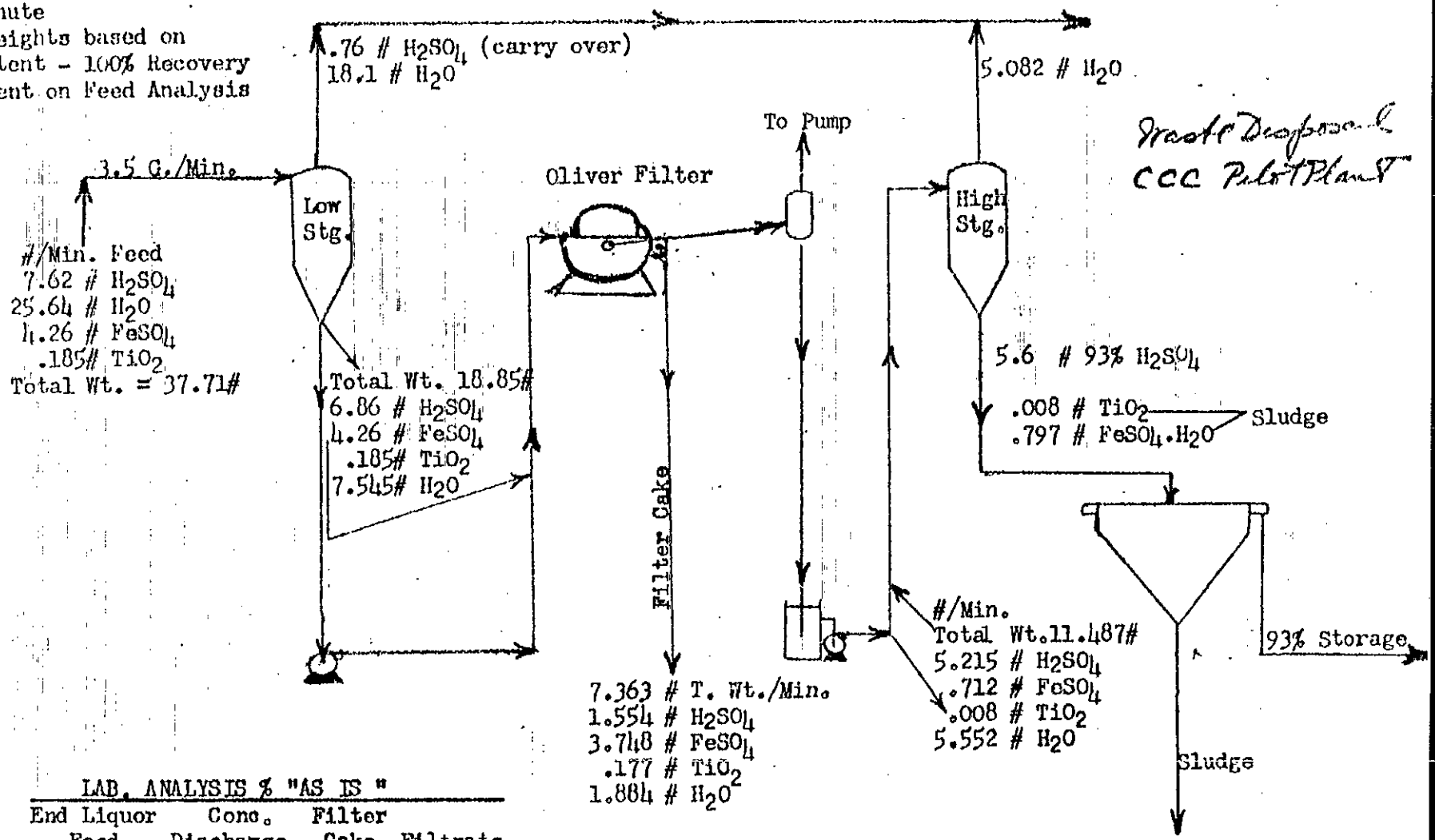
ACID RECOVERY PLANT

PRODUCTION CALCULATIONS BASED ON ANALYSIS OF GRAB SAMPLES

Basis: 3.5 Gals./Min Feed
Flow #/Minute
Process weights based on
$FeSO_4$ Content - 100% Recovery
TiO_2 Content on Feed Analysis



LAB. ANALYSIS % "AS IS"

	End Liquor Feed	Conc. Discharge	Filter Cake	Filtrate
H_2SO_4	20.2	36.4	21.1	45.4
$FeSO_4$	11.3	22.6	50.9	6.2
Fe_2O_3	.04	.35	.40	.51
Total TiO_2	.49	1.1	2.4	.2
Sp. Gr.	1.290			
# / Gal.	10.77			
H_2SO_4 / $FeSO_4$	1.788	1.61		

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