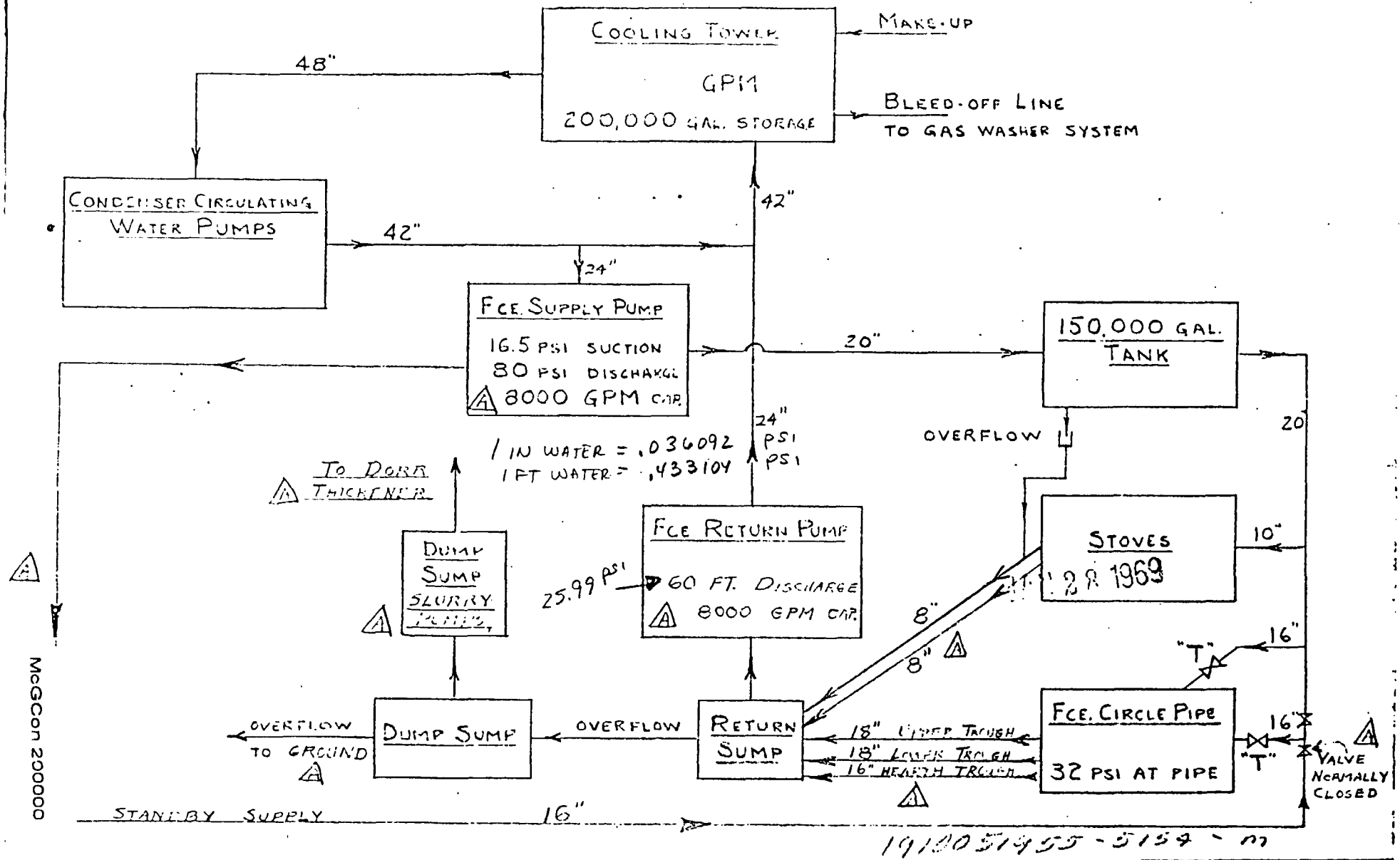
1920 - 850 - Armco - Middletown W.
#3 Blast Fce. - Cooling
Water on #3 B. Fce.





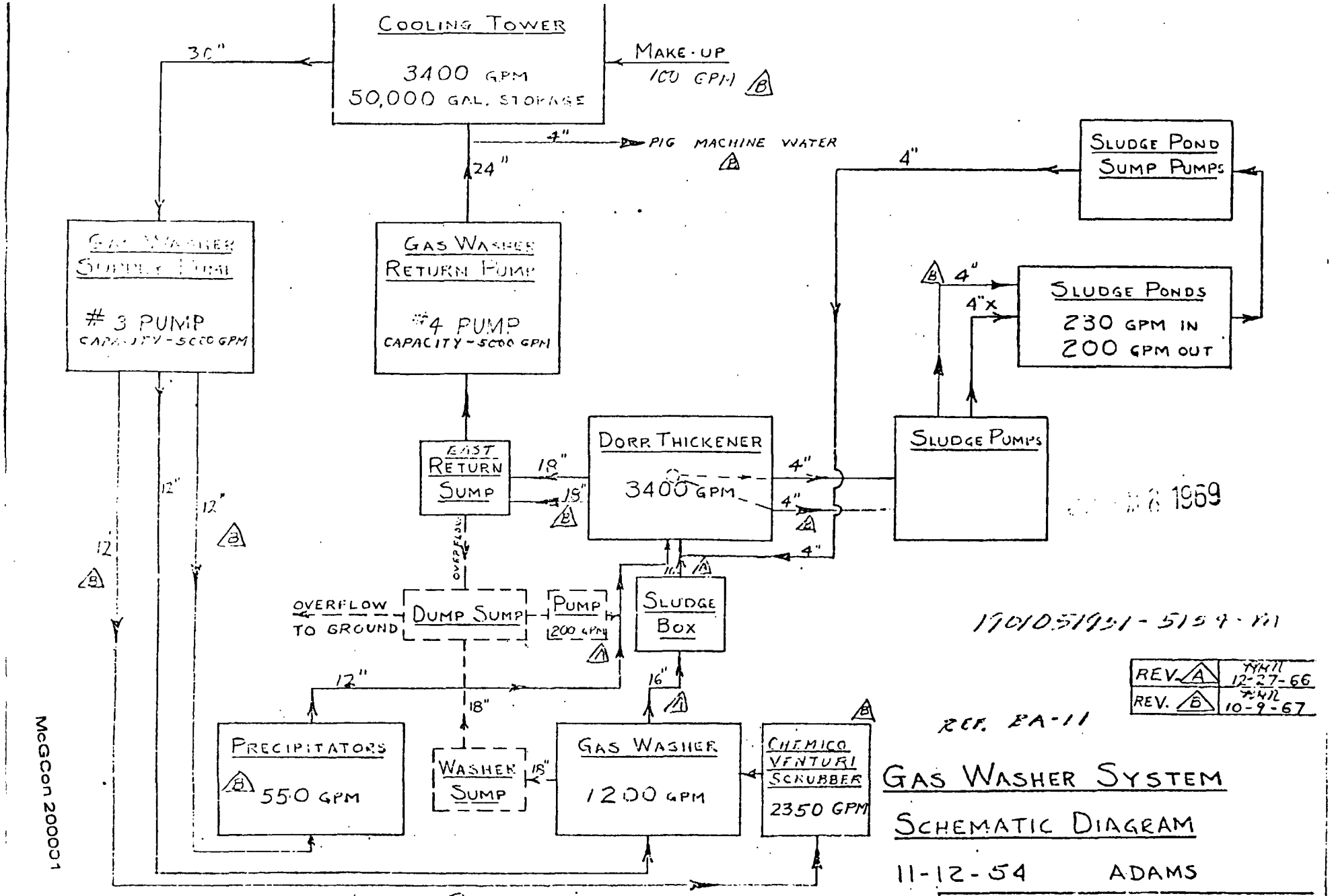
FURNACE COOLING WATER SYSTEM

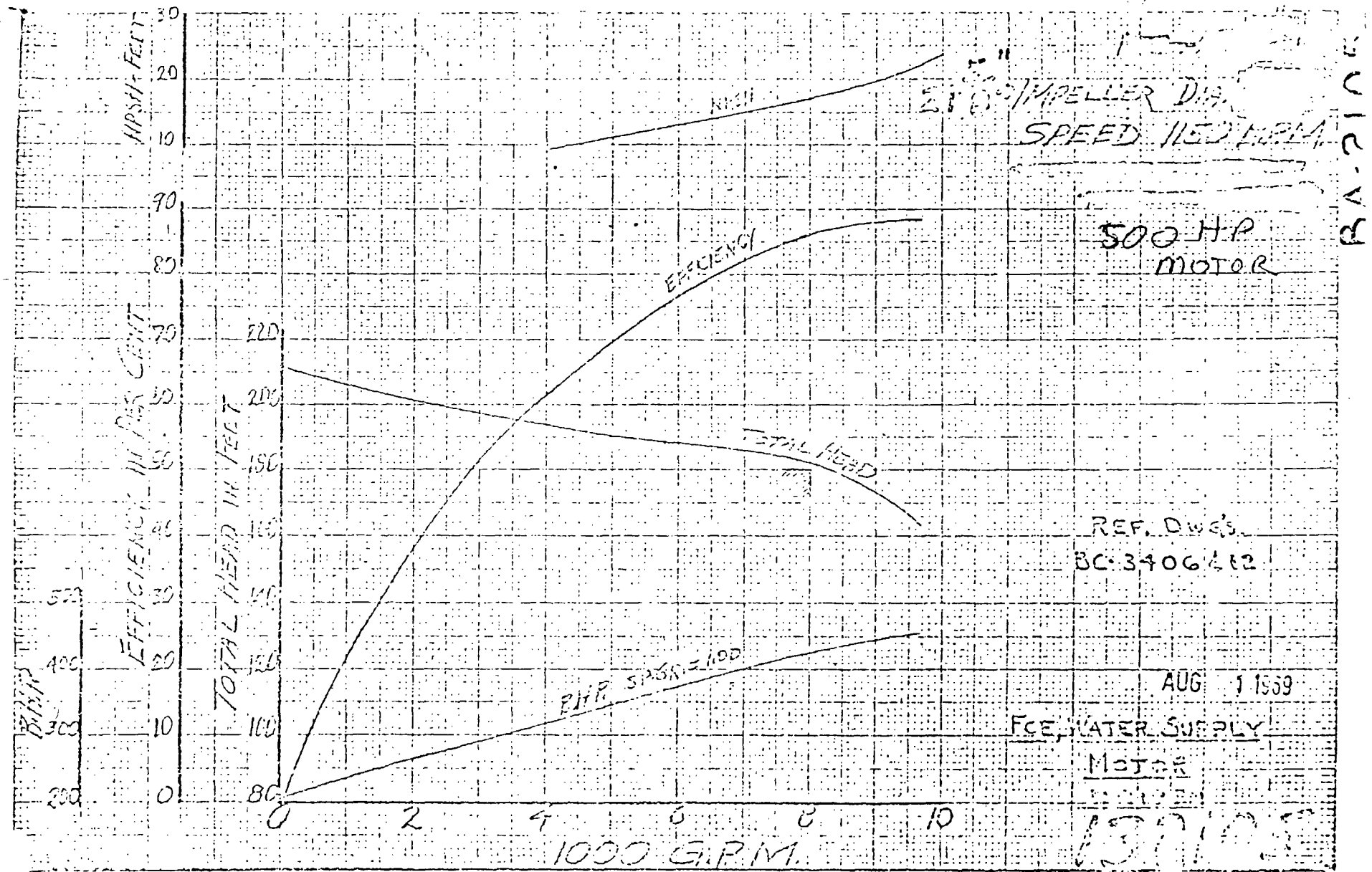
11-19-54

ADAMS

REV. A 12-30-66 PHN

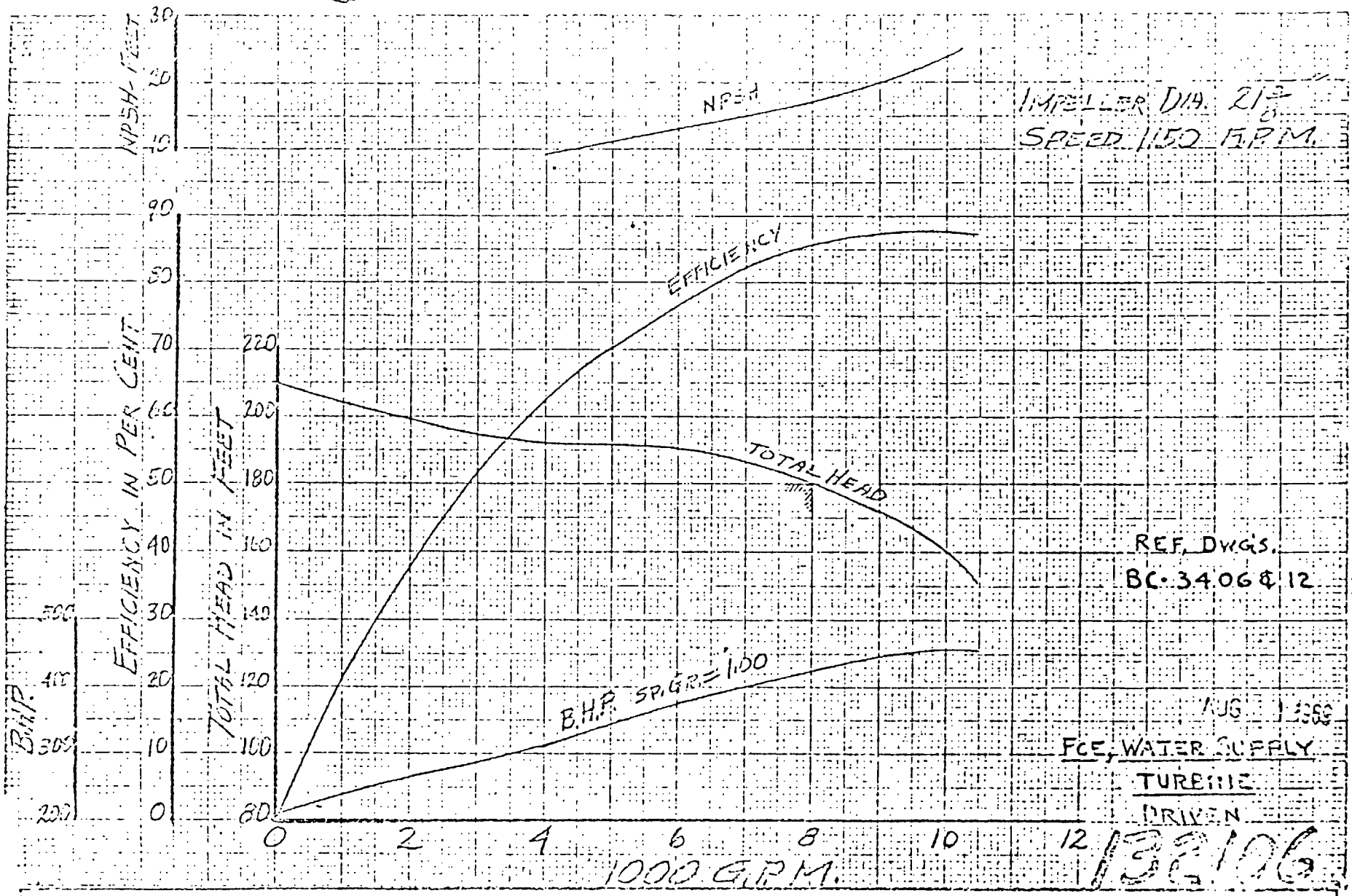
BA-364


COOLING TOWER
3400 GPM
50,000 GAL. STORAGE
MAKE-UP
100 GPM
30"
4"
PIG MACHINE WATER
24"
SLUDGE POND SUMP PUMPS
4"
GAS WASHER SUPPLY PUMP
#3 PUMP
CAPACITY - 5000 GPM
GAS WASHER RETURN PUMP
#4 PUMP
CAPACITY - 5000 GPM
4"
4"X
SLUDGE PONDS
230 GPM IN
200 GPM OUT
EAST RETURN SUMP
18"
15"
DORR THICKENER
3400 GPM
4"
4"
4"
SLUDGE PUMPS
12"
12"
12"
OVERFLOW
OVERFLOW TO GROUND
DUMP SUMP
PUMP
1200 GPM
SLUDGE BOX
16"
12"
18"
PRECIPITATORS
550 GPM
WASHER SUMP
18"
GAS WASHER
1200 GPM
CHEMICO VENTURI SCRUBBER
2350 GPM
GAS WASHER SYSTEM
SCHEMATIC DIAGRAM
11-12-54 ADAMS
BA-363
REV. A 12-27-66
REV. B 10-9-67
REF. PA-11
McGCon 200001



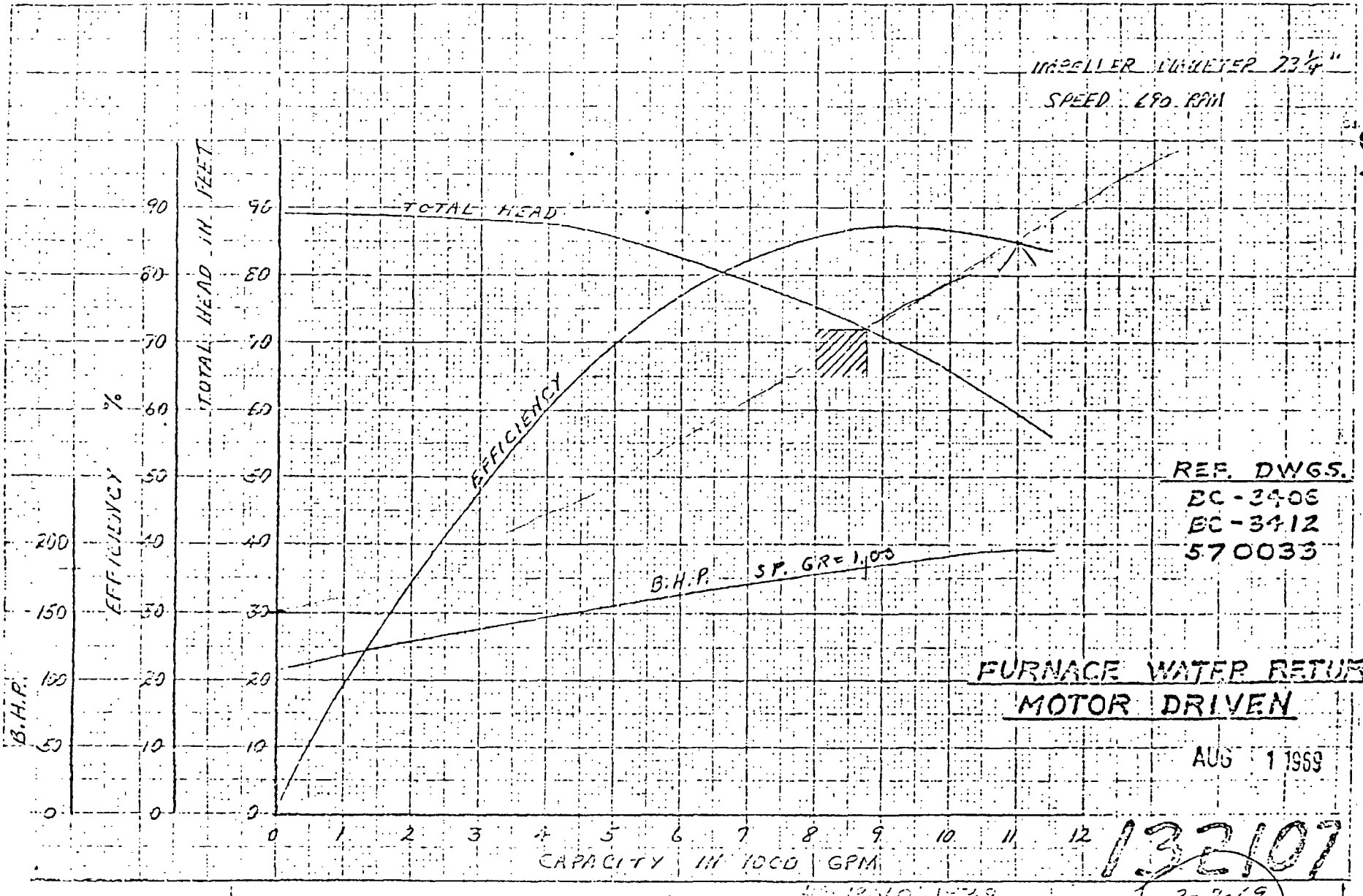
HOW TESTED:	CAPACITY. VENTURI	DRIVER TEST MOTOR	SPEED.	DRIVE DIRECT	
SHOP TEST (OUTSIDE)	WORTHINGTON PUMP AND MACHINERY CORPORATION NEW YORK			P-434449	
R.C. 2-25-61	16	LN-23	DOUBLE VOLUTE	1569370	1150	10953	E-140154
DATE	SIZE	TYPE	STYLE	MACHINE	R.P.M.	ORDER NO.	TEST NO.

McGCon 200002



NO. TESTED:	CAPACITY. VENTURI	DRIVER TEST MOTOR	SPEED	DRIVE DIRECT
SHOP TEST CURVE	WORTHINGTON PUMP AND MACHINERY CORPORATION NEW YORK			P-434450
P.C. 2-25-61	16 LN-23	DOUBLE VOLUTE	1589371	1150 ORDER NO. 1095-E E-14015

McGCon 200003



McGCon 200004