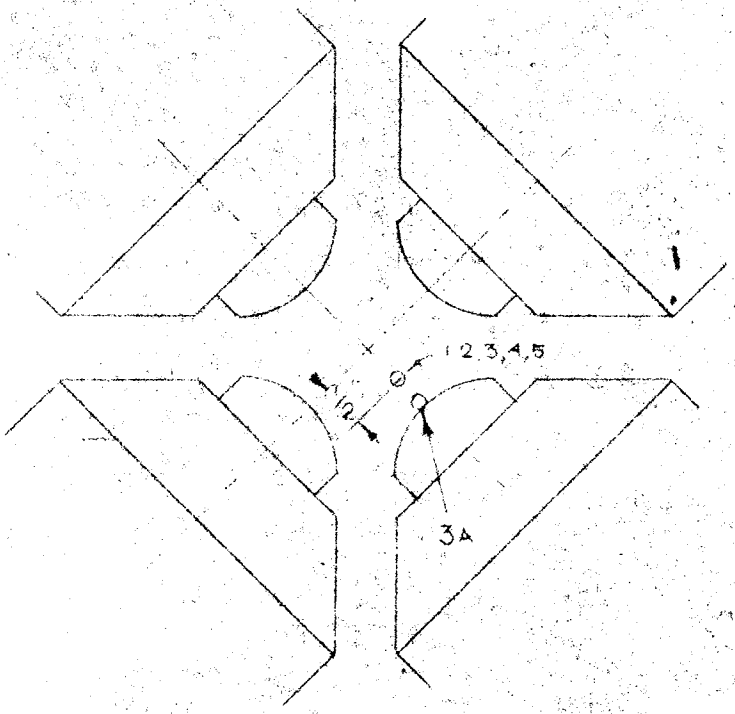
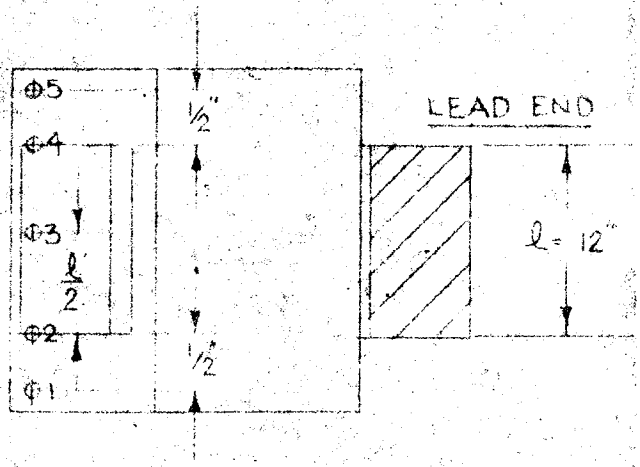
PACIFIC ELECTRIC MOTOR COMPANY

QUADRUPOLE MAGNETIC FIELD TEST DATA

12" APERTURE X 12" MAGNET NO. Q28X

Point	Current 125A	250A	375A	500A
*1	150 gauss	251 gauss	440 gauss	540 gauss
*2	270 "	540 "	780 "	940 "
*3	315 "	620 "	920 "	1145 "
*4	245 "	495 "	720 "	880 "
*5	235 "	460 "	880 "	818 "





CURRENT 500 AMPS.
REGULATION 1 pt. 10^{-3}

DATA CHECKED BY RJ DATE 6/1/6[illegible]
CATALYTIC CONSTRUCTION CO.
CONTRACT NO. 40720
JOB NO. S #3803

NOTE: See calibration sheet for correction factor for Rawson-Lush gaussmeter Serial No. 13466 .

PACIFIC ELECTR MOTOR COMPANY

QUADRUPOLE MAGNETIC FIELD TEST DATA

12" APERTURE X 12" MAGNET NO. Q28X

FIELD READINGS TAKEN AT POSITION 3A 1/8" OFF POLE TIP

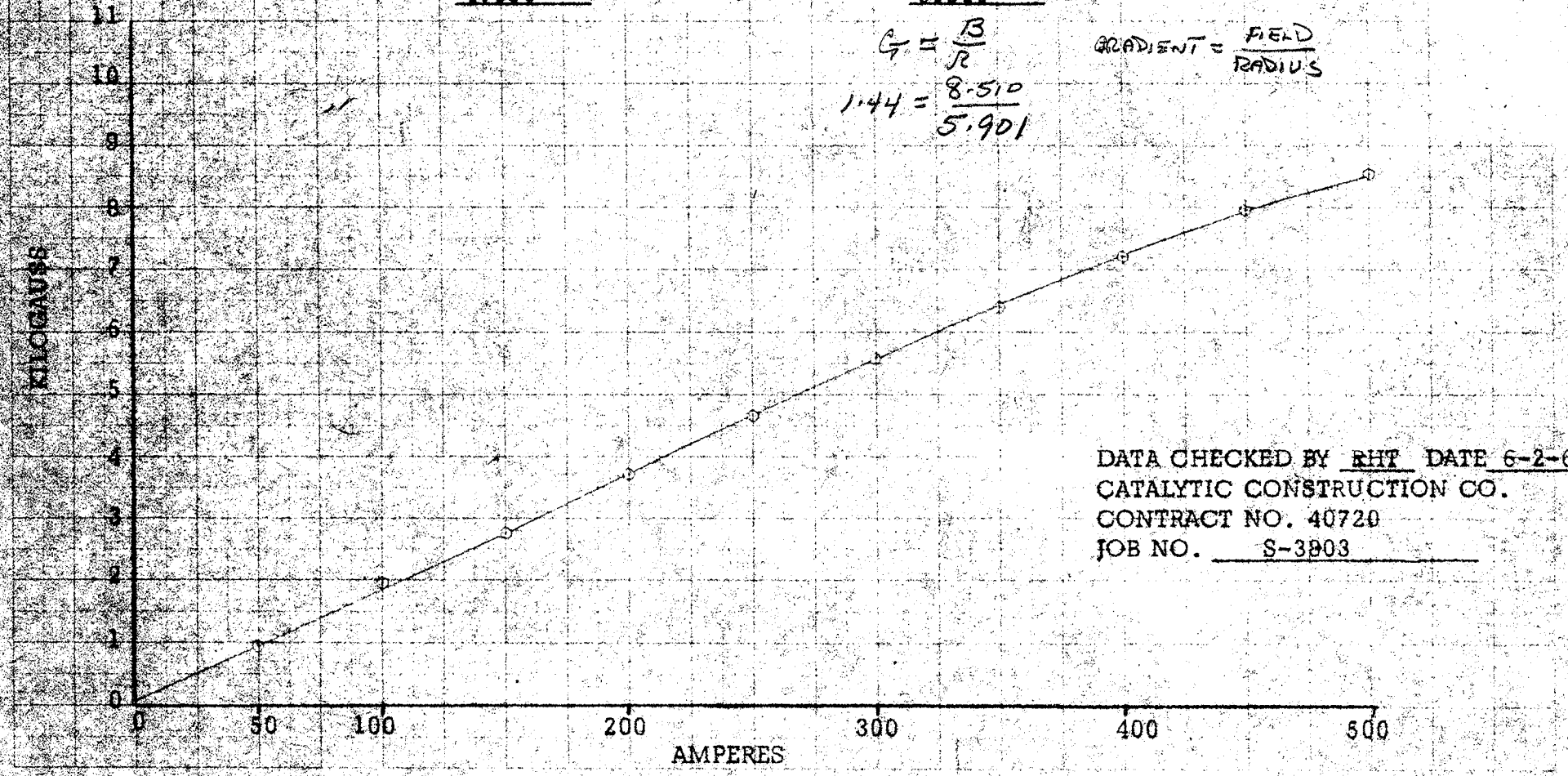
Current	Field		Current	Field	
50A	0.940	KG*	300A	5.600	KG*
100A	1.950	KG*	350A	6.400	KG*
150A	2.780	KG*	400A	7.200	KG*
200A	3.700	KG*	450A	7.950	KG*
250A	4.650	KG*	500A	8.510	KG*

*See calibration s... for correction fac... for Rawson-Lus... meter Serial No.

$G = \frac{B}{R}$

GRADIENT = FIELD / RADIUS

$1.44 = \frac{8.510}{5.901}$



DATA CHECKED BY RHT DATE 6-2-66
CATALYTIC CONSTRUCTION CO.
CONTRACT NO. 40720
JOB NO. S-3803