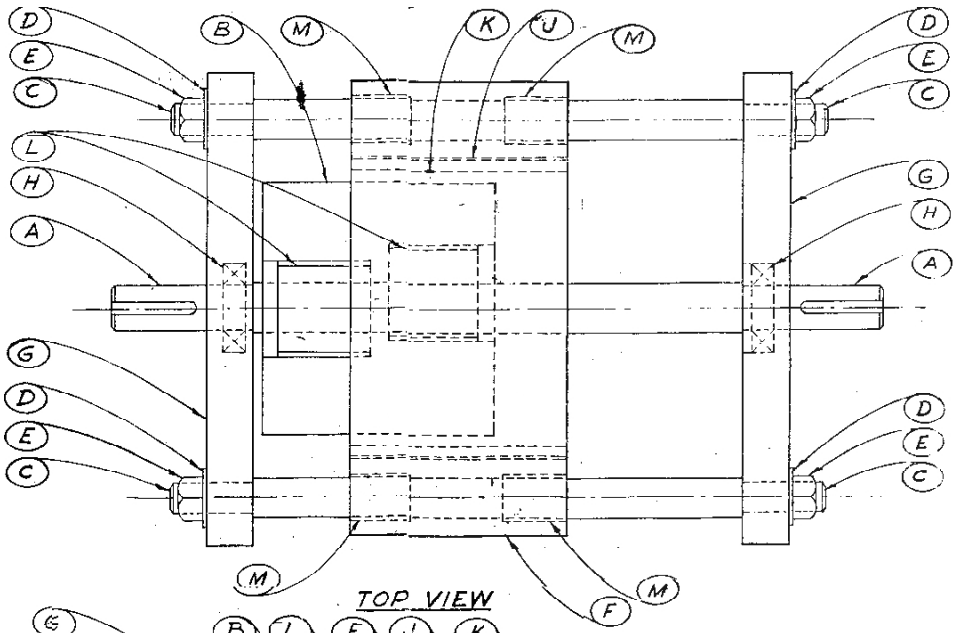
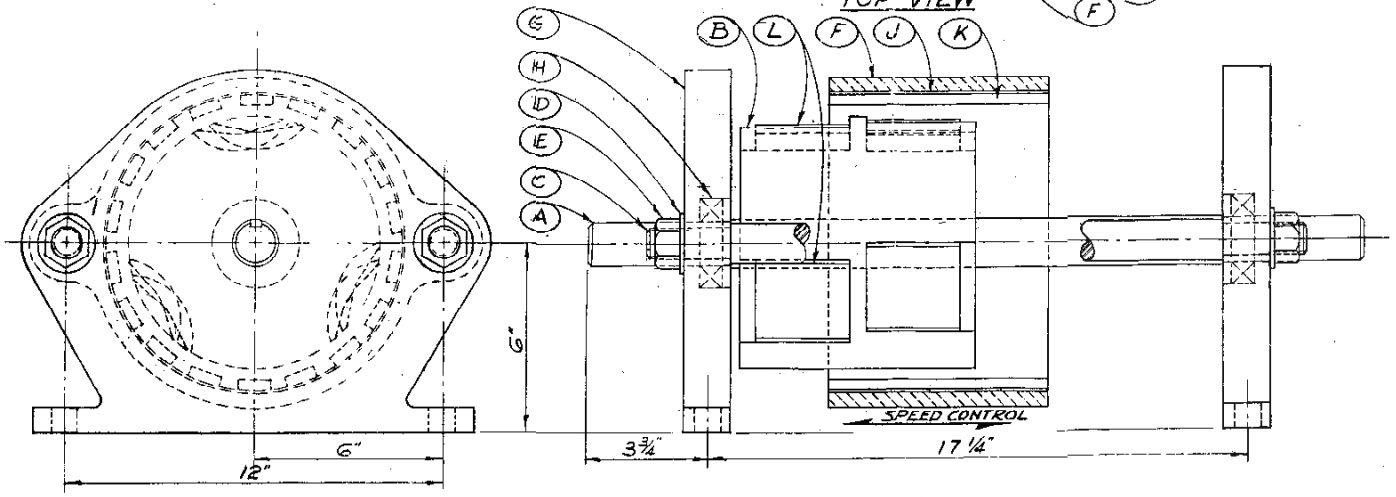


TOP VIEW



END VIEW

SIDE VIEW

BILL OF MATERIALS

NK	Reqd	Description	Dwg.
A	1	Rotor Shaft	4 of 4
B	4	Rotor Assembly	2 of 4
C	2	Tie Bar	4 of 4
D	4	1" Dia Plain Washer	
E	4	1" Dia Hexagon Nut	
F	1	Stator Assembly	3 of 4
G	2	End Plate	4 of 4
H	2	Fafnir No. RA 107 KR Brg.	
J	1	Magnetic Shield (See Note)	3 of 4
K	17	Bar Magnet	4 of 4
L	6	Part Ring Magnet	4 of 4
M	4	Bronze Bushing	4 of 4

note:
Magnetic shield is a perfect torus 7.5" X 9.549OD X .062
Material is: Co-Netic AA Alloy(Hight Permeability)
Perfection Annealed.
Material Supplier is: Magnetic Shield Inc.
740 NO Thomas Drive
Bensenville ILL.

GENERAL ASSEMBLY

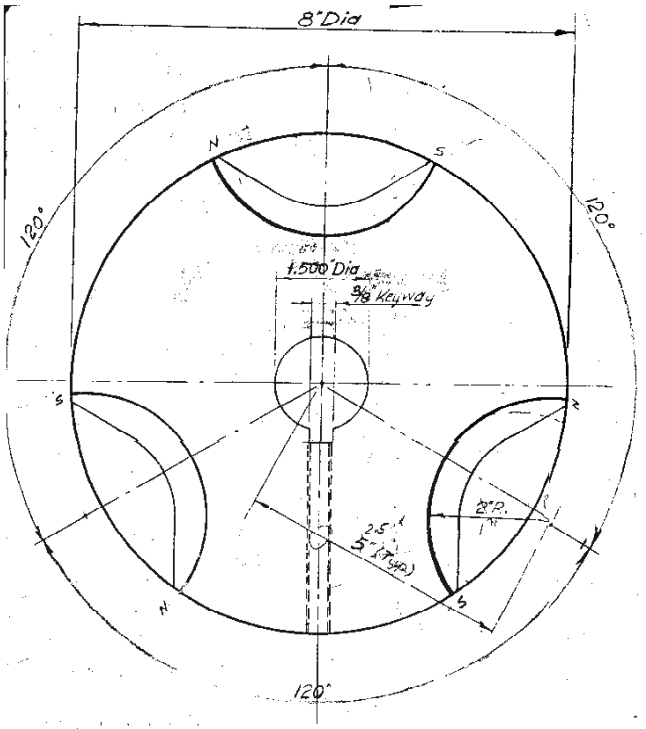
PERMANENT MAGNET MOTOR

SCALE: 1/2 | APPROVED BY: | DRAWN BY

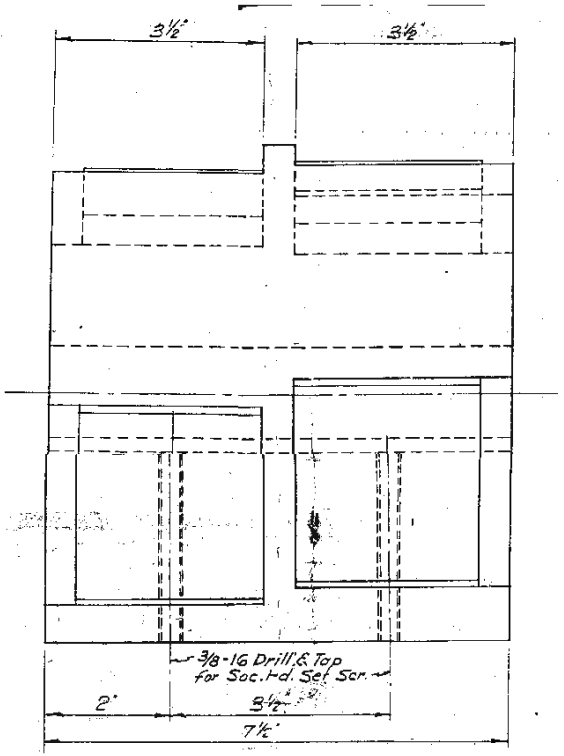
DATE: | REVISED

GENERAL ASSEMBLY

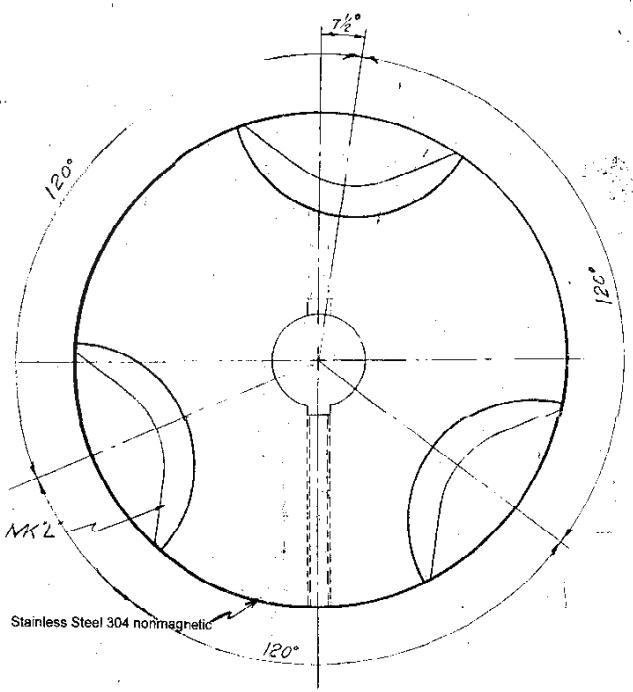
DRAWING NUMBER 1 of 4



LEFT SIDE VIEW



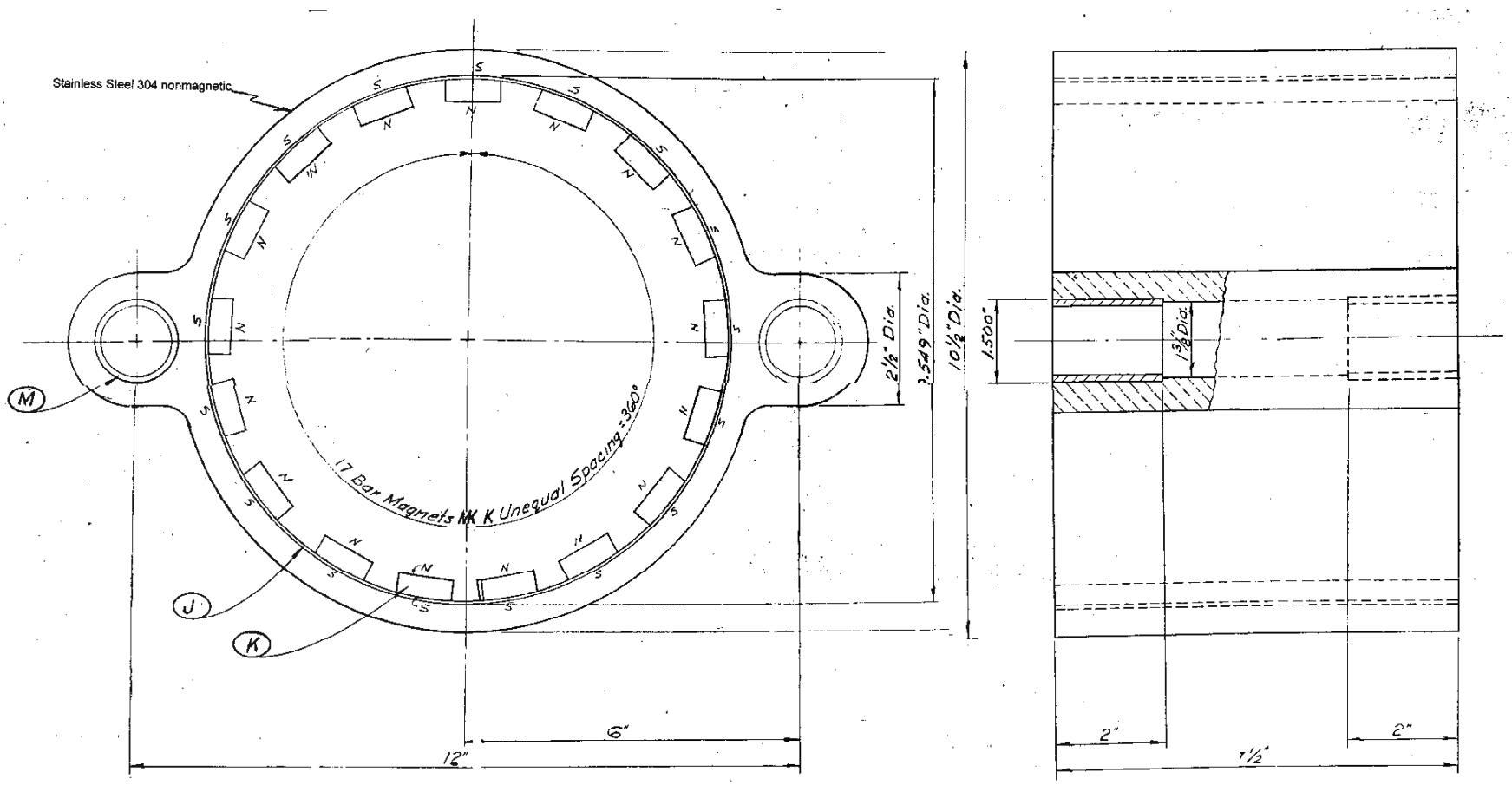
FRONT VIEW



RIGHT SIDE VIEW

MK B ~ ROTOR ASSEMBLY

PERMANENT MAGNET MOTOR		
SCALE:	APPROVED BY:	DRAWN BY
DATE:		REVISED
SUBASSEMBLY & DETAILS		DRAWING NUMBER 2 of 4



FRONT VIEW

SIDE VIEW

MK F ~ SLIDING STATOR ASSEMBLY

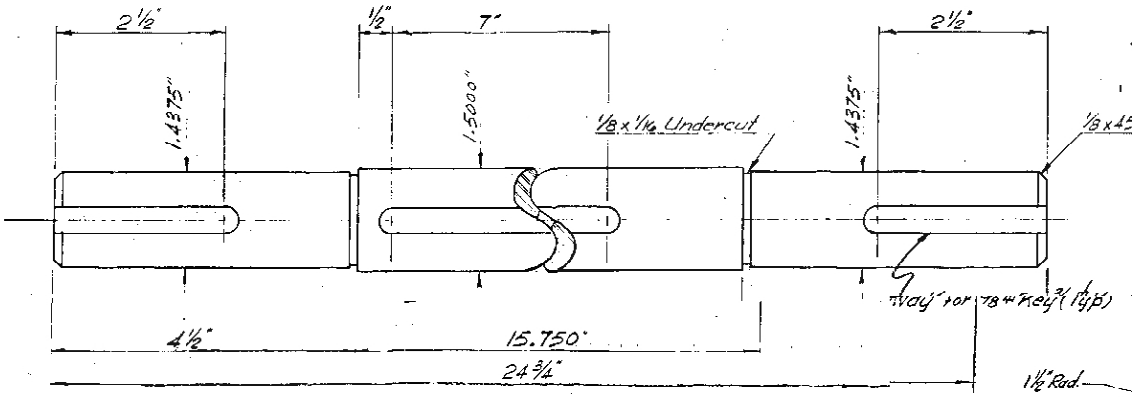
PERMANENT MAGNET MOTOR

SCALE: FULL | APPROVED BY: | DRAWN BY:

DATE: | REVISED

SUBASSEMBLY & DETAILS

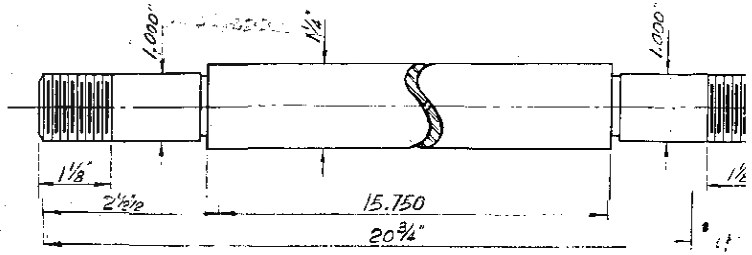
DRAWING NUMBER 3 of 4



MK A ~ ROTOR SHAFT

Full Scale

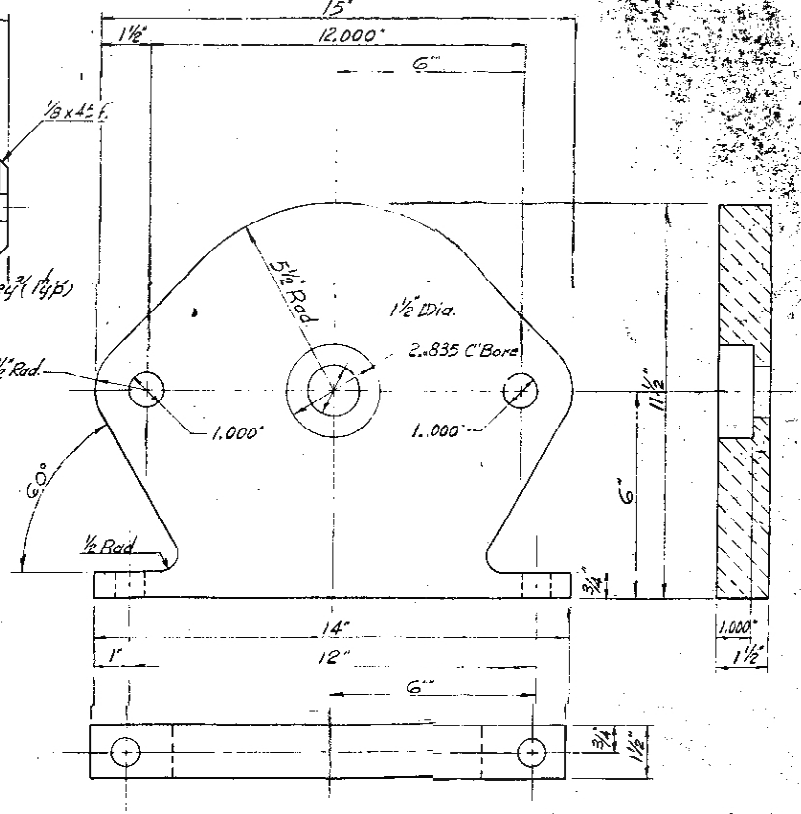
CRS 1pc.



MK C ~ TIE ROD

Full Scale

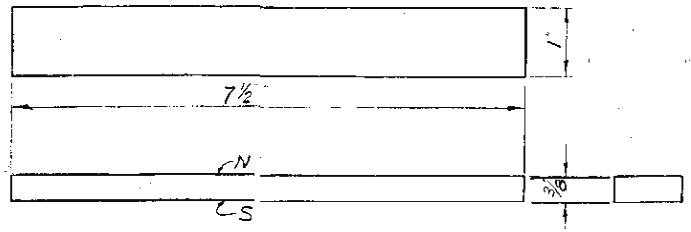
Stainless Steel 304 nonmagnetic 2pcs



MK G ~ END PLATE

½ Scale

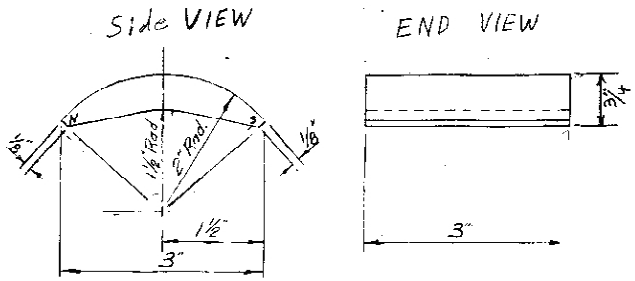
Stainless Steel 304 nonmagnetic



MK K ~ PERMANENT BAR MAGNET

Full Scale

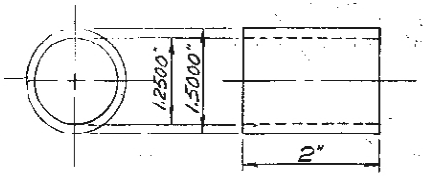
Samarium Cobalt 18 Magnetic Material



MK L ~ PART RING MAGNET

Full Scale

Samarium Cobalt 18 Magnetic Material



MK M ~ BRONZE BUSHING

PERMANENT MAGNET MOTOR

SCALE: APPROVED BY: DRAWN BY

DATE: REVISED

DETAILS

DRAWING NUMBER 4 of 4