Pulley is fastened to impeller by 4-1/2" bolts. Pulley is fastened to generator for direct drive.

List of Materials

- Generator with cutout and pulley
- 2-6 volt batteries
- 5 foot impeller
- Sheet metal 23 1/2" wide and 7" high
- 1 can enamel to paint plant
- Hardwood strips 5/8" x 1 1/2" x 10'
- Screen door spring
- 10' heavy gate hinge with screws
- 1 knife switch (optional)
- 12' of 1/2" pipe, 7 feet of 3/4" pipe
- One 1" floor flange
- 1-20 ampere fuse and socket
- 4-3/4 x 1/2" bolts
- 4-5/8 x 2" bolts
- 6 volt Mazda lamp and receptacles
- 50 feet or more of #10 gage
- 7" electric wire
- 20 feet sash cord
- 7 feet strap iron for holding pipe and generator

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE
AND
U.S. DEPT. OF AGRICULTURE COOPERATING
EXT. AGR. ENGINEER, FARGO, N.DAK.

SIX VOLT BATTERY CHARGER
AND LIGHTING SYSTEM

PLAN NO. N.D43-1 DRAWN BY K.C. SEPT. 28 '35.