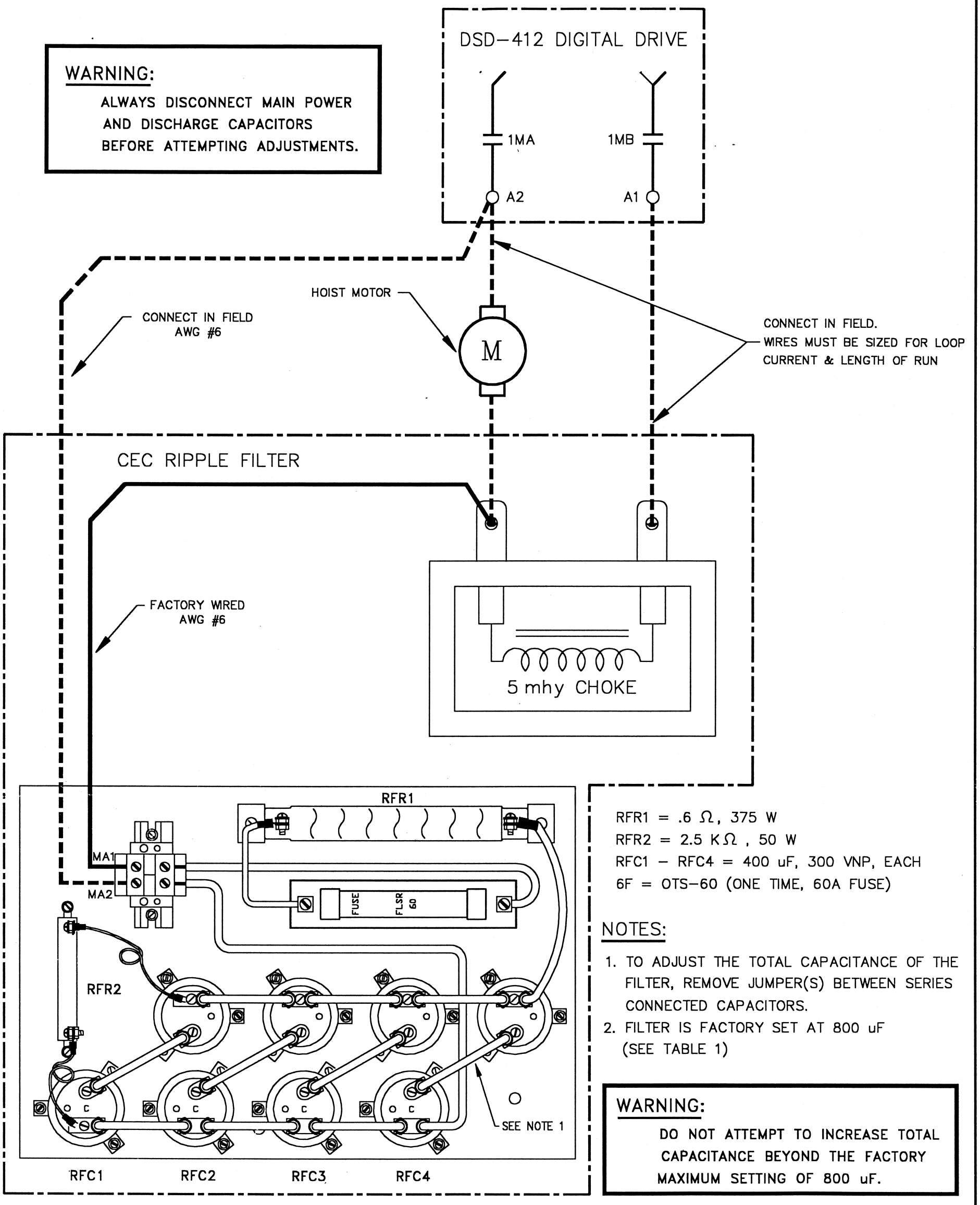
USE COPPER CONDUCTORS ONLY

**WARNING:**

ALWAYS DISCONNECT MAIN POWER AND DISCHARGE CAPACITORS BEFORE ATTEMPTING ADJUSTMENTS.




RFR1 = .6 Ω, 375 W
RFR2 = 2.5 KΩ , 50 W
RFC1 – RFC4 = 400 uF, 300 VNP, EACH
6F = OTS-60 (ONE TIME, 60A FUSE)

NOTES:

1. TO ADJUST THE TOTAL CAPACITANCE OF THE FILTER, REMOVE JUMPER(S) BETWEEN SERIES CONNECTED CAPACITORS.
2. FILTER IS FACTORY SET AT 800 uF (SEE TABLE 1)

**WARNING:**

DO NOT ATTEMPT TO INCREASE TOTAL CAPACITANCE BEYOND THE FACTORY MAXIMUM SETTING OF 800 uF.

TABLE 1

| CAPACITORS CONNECTED | MFD | ADJUST THE FILTER FOR THE LOWEST AC COMPONENT ACROSS THE HOIST MOTOR USING THE LEAST AMOUNT OF CAPACITANCE NECESSARY. MEASURE AC COMPONENT AT THE BRUSHES FULL SPEED UP & DOWN, EMPTY OR FULL LOAD |
|---|---|---|
| RFC1 → RFC4 | 800 | |
| RFC1 → RFC3 | 600 | |
| RFC1 → RFC2 | 400 | |
| RFC1 | 200 | |

# RIPPLE FILTER WIRING DIAGRAM

DRAWING NUM 030

COMPUTERIZED ELEVATOR CONTROL CORP.
636 11TH AVENUE NEW YORK, NEW YORK 10036 TEL. (212) 397-0606

| | | |
|---|---|---|
| JOB NAME/LOC.: EMBASSY SQUARE SUITES WA, DC (AMTECH) | | |
| DATE: 04/12/96 | CEC JOB NO. 2989 | CAR NO. 1 THRU 4 |
| DRAWN BY: SF | DWG. NO. 030RIPFT | REV. |

04/12/96 08:37 E:\JOBS\2900\2989\030RIPFT.DWG