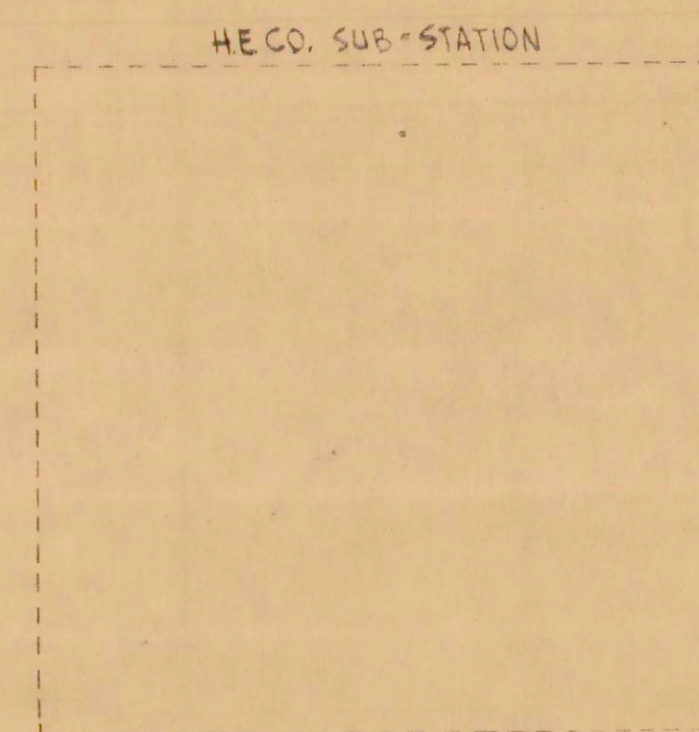
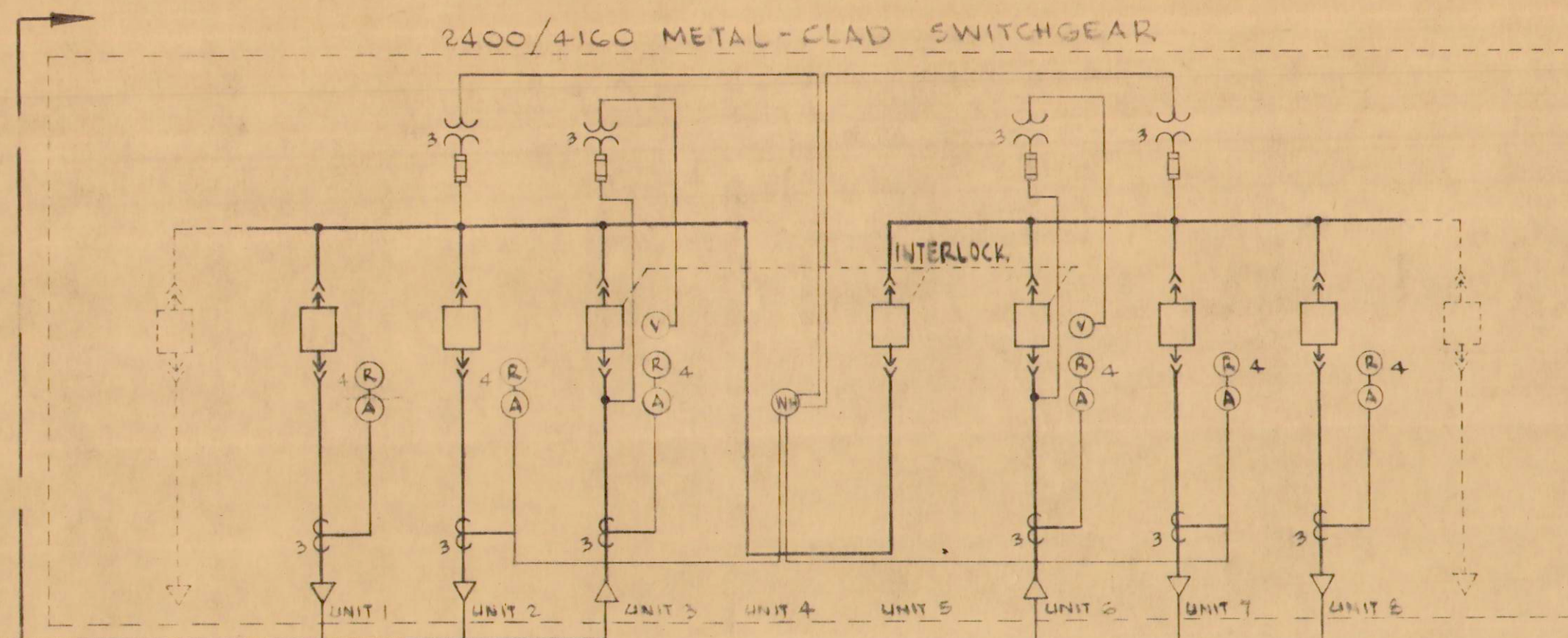




EACH WILL BE 3-SINGLE CONDUCTOR, #10, 5KV SHIELDED, SYNTHETIC RUBBER INSULATED, NEOPRENE JACKET, O.D. 0.91 INCHES. 1-SINGLE CONDUCTOR, #2, TEMP. (TO BE PROVIDED AND INSTALLED BY HECO.)

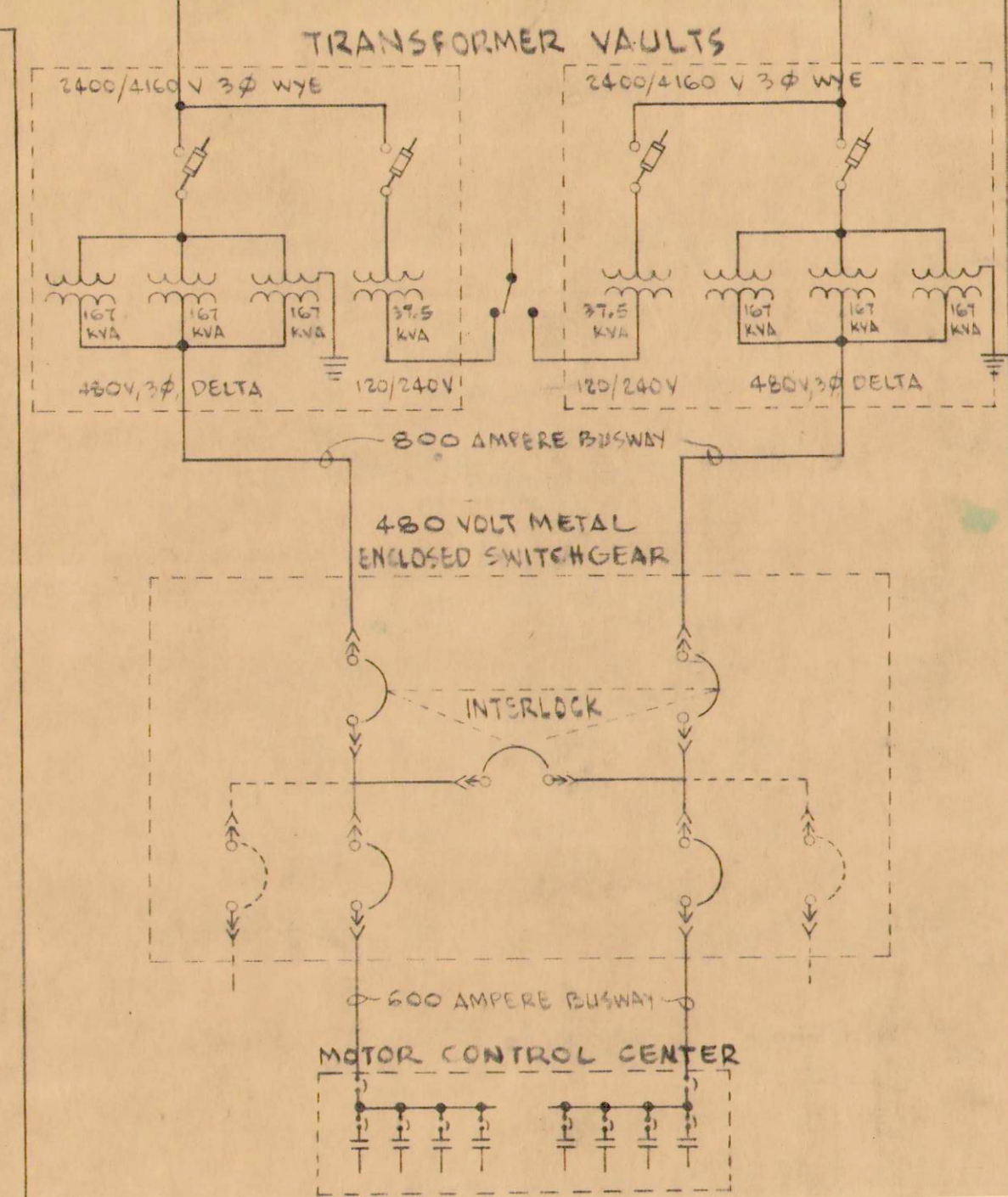
INCOMING LINE #1
INCOMING LINE #2



NOTE: RELAYS & OTHER ITEMS NECESSARY FOR INTERLOCKING ARE IN ADDITION TO WHAT IS SYMBOLIZED ON THIS DIAGRAM.

EACH SHALL BE 3-SINGLE CONDUCTOR, #4 AWG, 5KV SHIELDED CABLES AND 1-SINGLE CONDUCTOR, #4 AWG, TEMP WIRE

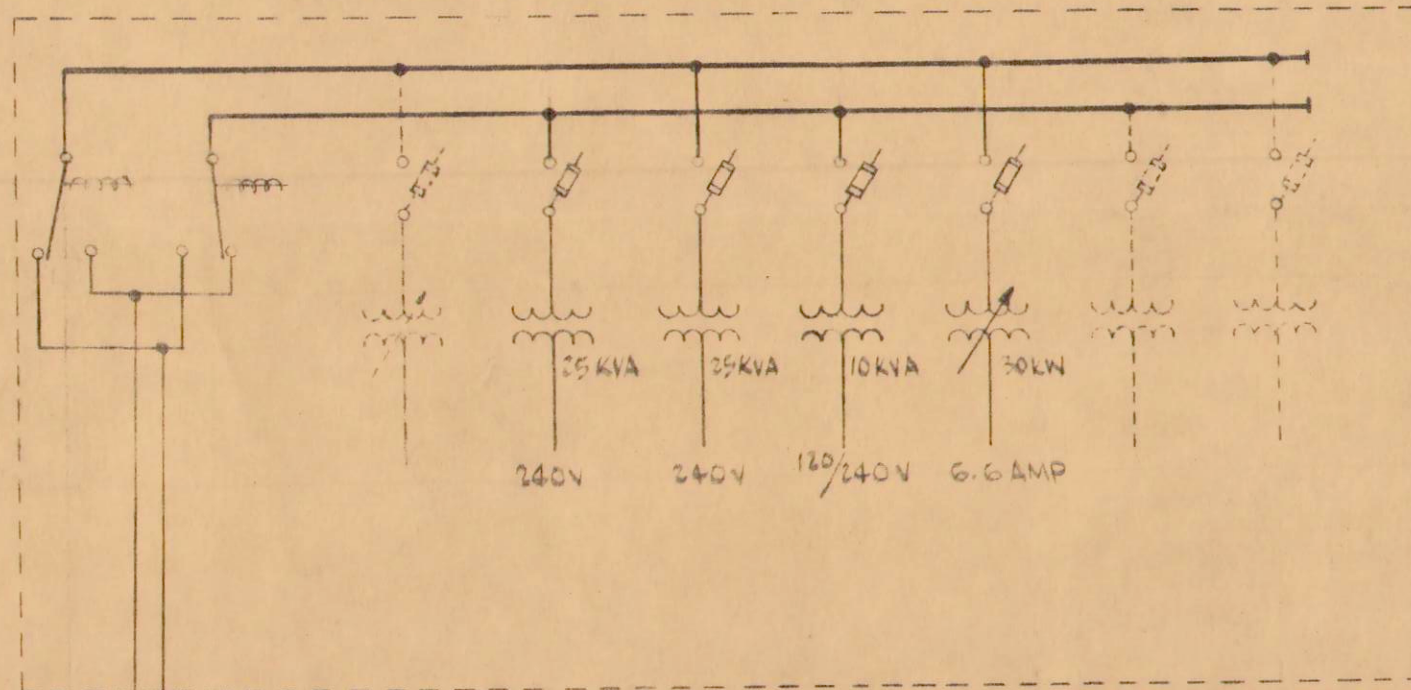
VENTILATION BUILDING



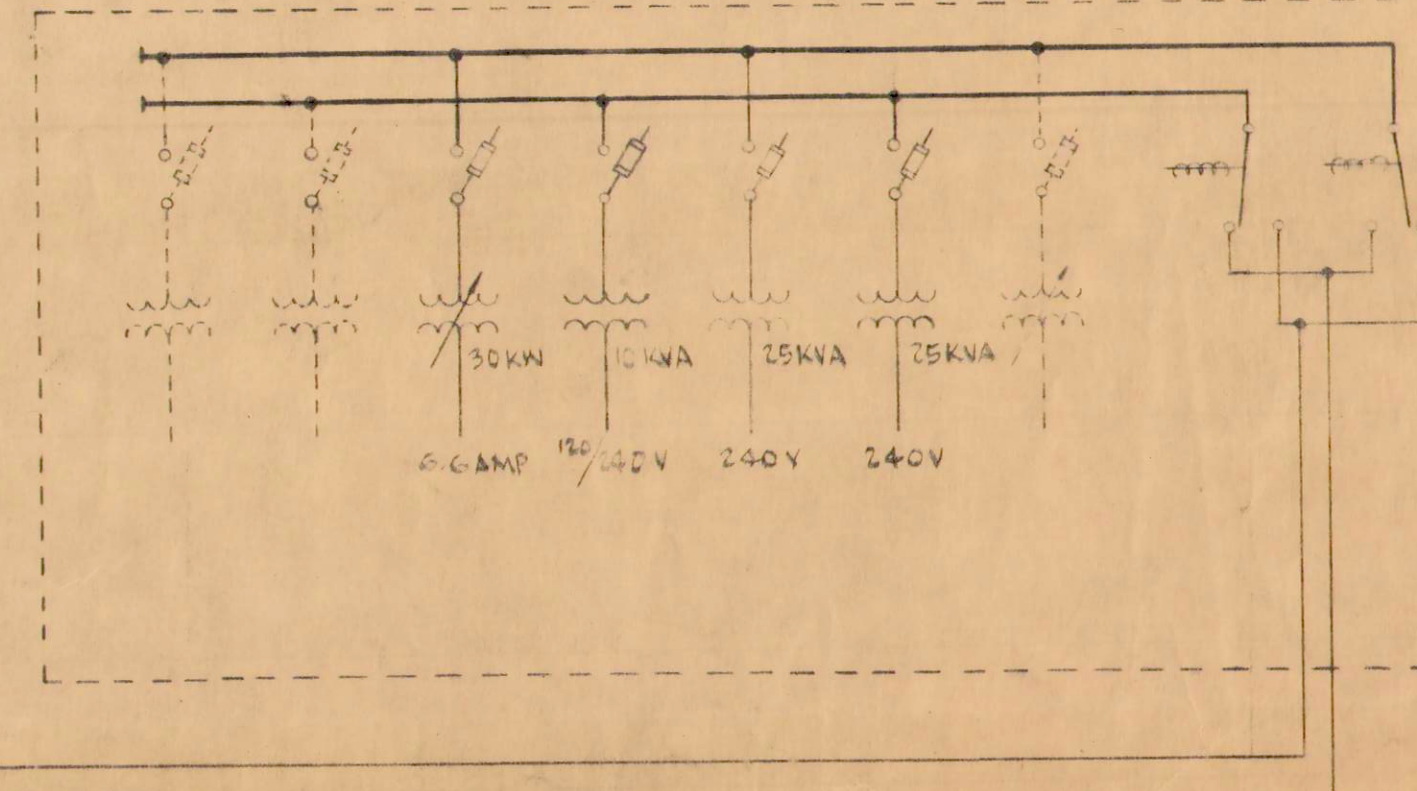
480 VOLT METAL ENCLOSED SWITCHGEAR

MOTOR CONTROL CENTER

KALIHI VAULT

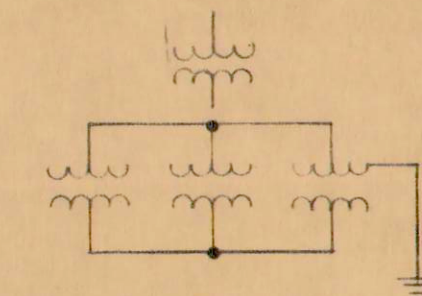


KANEOHE VAULT

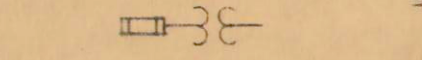


EACH SHALL BE 3-SINGLE CONDUCTOR, #4 AWG, 5KV SHIELDED CABLES AND 1-SINGLE CONDUCTOR, #4 AWG, TEMP WIRE

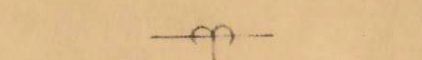
ELECTRICAL SYMBOLS



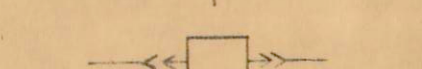
1 PHASE TRANSFORMER



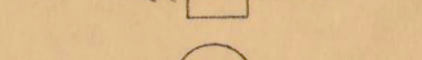
3-SINGLE PHASE TRANSFORMER IN 3 PHASE BANK, GROUNDED NEUTRAL PRIMARY - DELTA SECONDARY



POTENTIAL TRANSFORMER AND FUSE



CURRENT TRANSFORMER



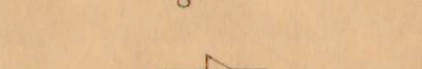
AIR CIRCUIT BREAKER, REMOVABLE TYPE, SOLENOID OPERATED, MEDIUM VOLTAGE



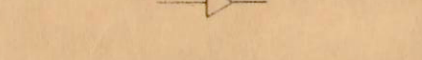
AIR CIRCUIT BREAKER, DRAWOUT TYPE, MANUALLY OPERATED, LOW VOLTAGE



DISCONNECTING FUSE



CABLE ENTRANCE



COMBINATION MOTOR STARTER



VOLTMETER



AMMETER



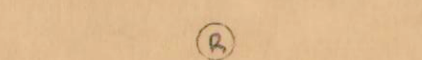
WATTHOUR METER (DUPLEX - TOTALIZING DEMAND)



RELAY



OIL SWITCH - 3PDT - (AUTOMATIC TRANSFER)



CONSTANT CURRENT TRANSFORMER



MANUAL TRANSFER SWITCH

LAW & WILSON
ARCHITECTS & ENGINEERS

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

BUREAU OF PLANS

KALIHI TUNNEL
ELECTRICAL
ONE LINE DIAGRAM

ENGINEER: L. B. W. DATE: JULY 15, 1933
DRAFTSMAN: S. H. P. CHECKED BY: [Signature]
SCALE: NO. SCALE TRACER: [Signature]
APPROVED: [Signature] CHIEF ENGINEER
BUREAU ENGINEER

APPROVED: [Signature]
ENGINEER: L. B. W.

SECTION C

JOB NO. 26-53

DWG. E-1