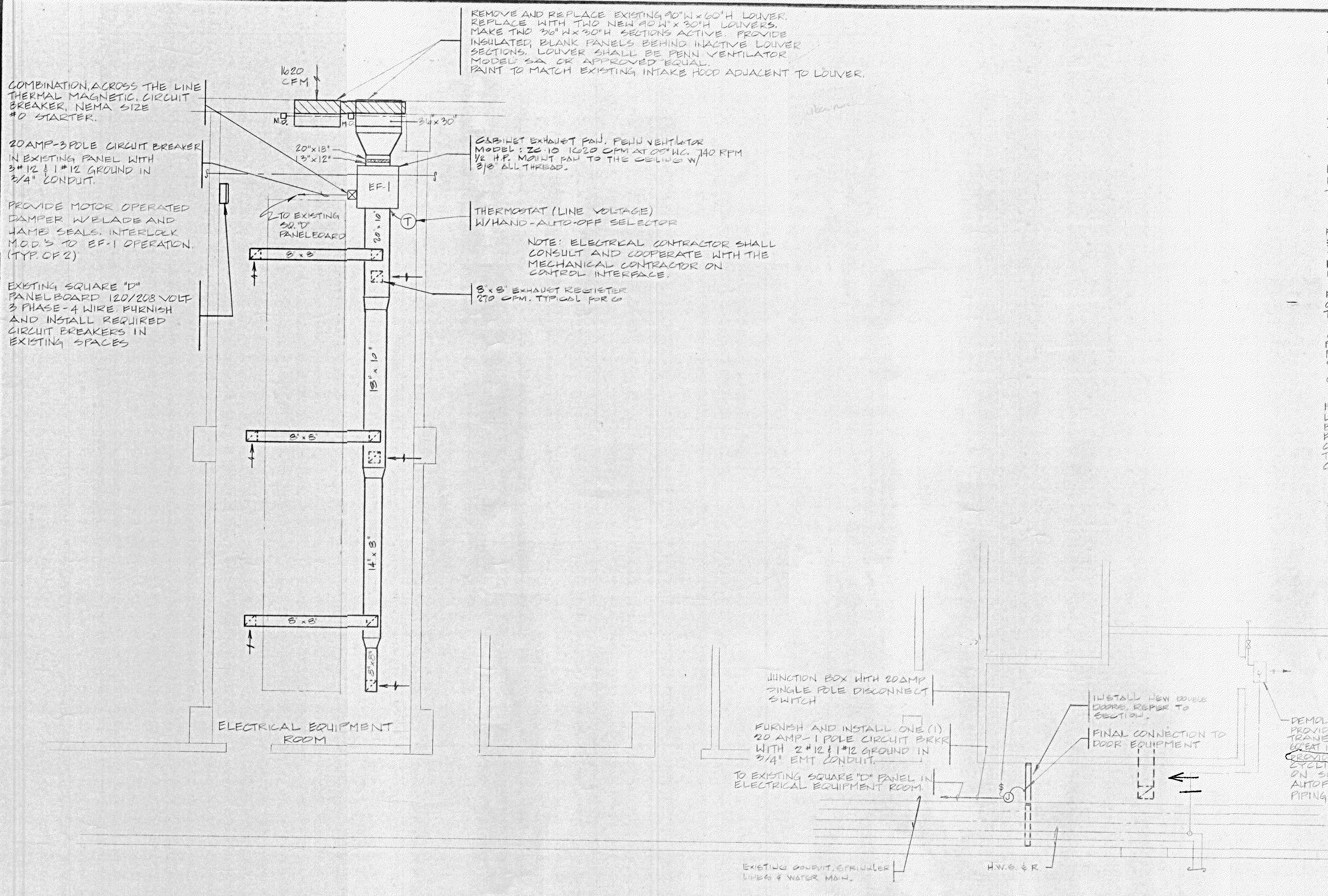
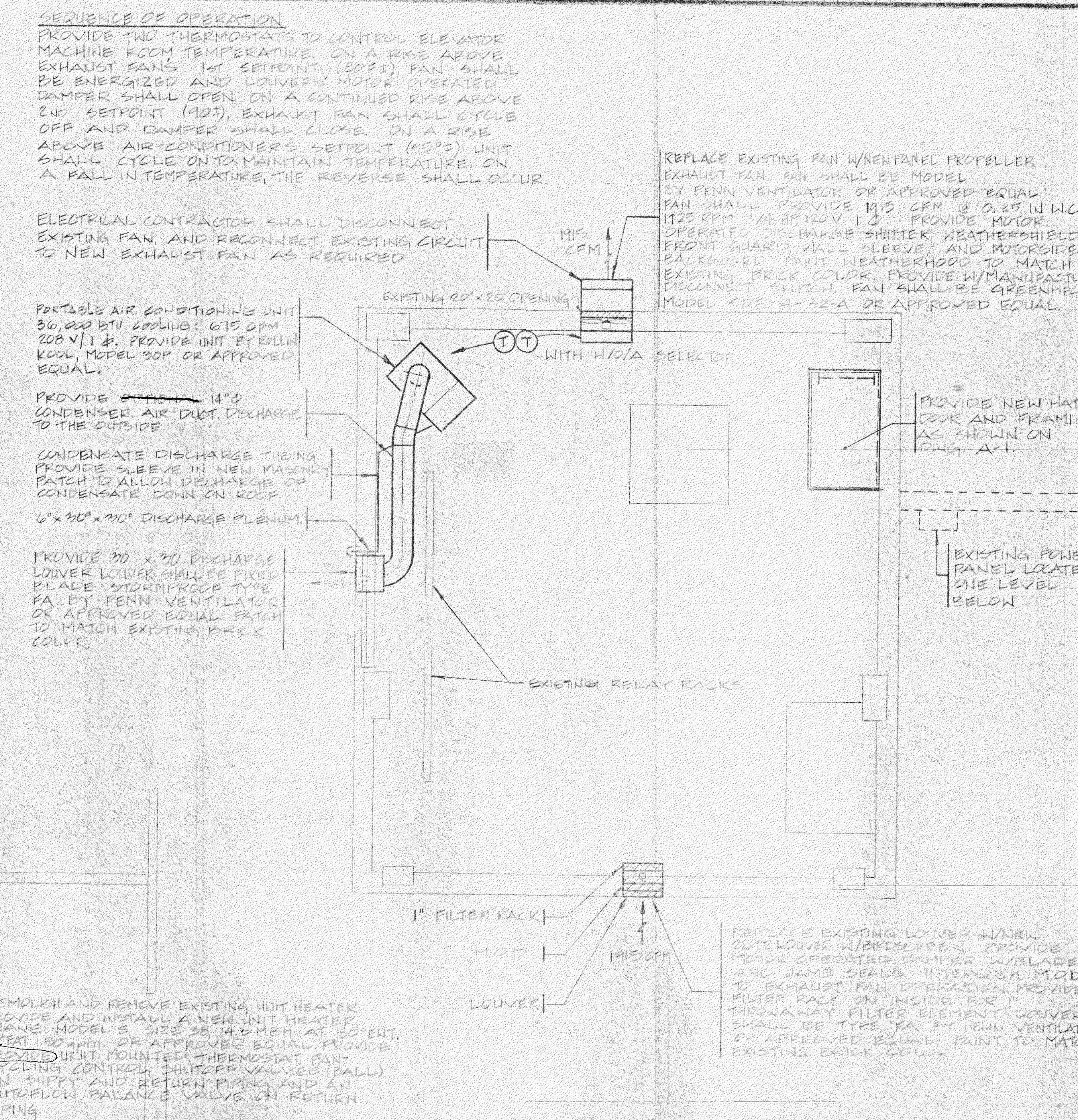
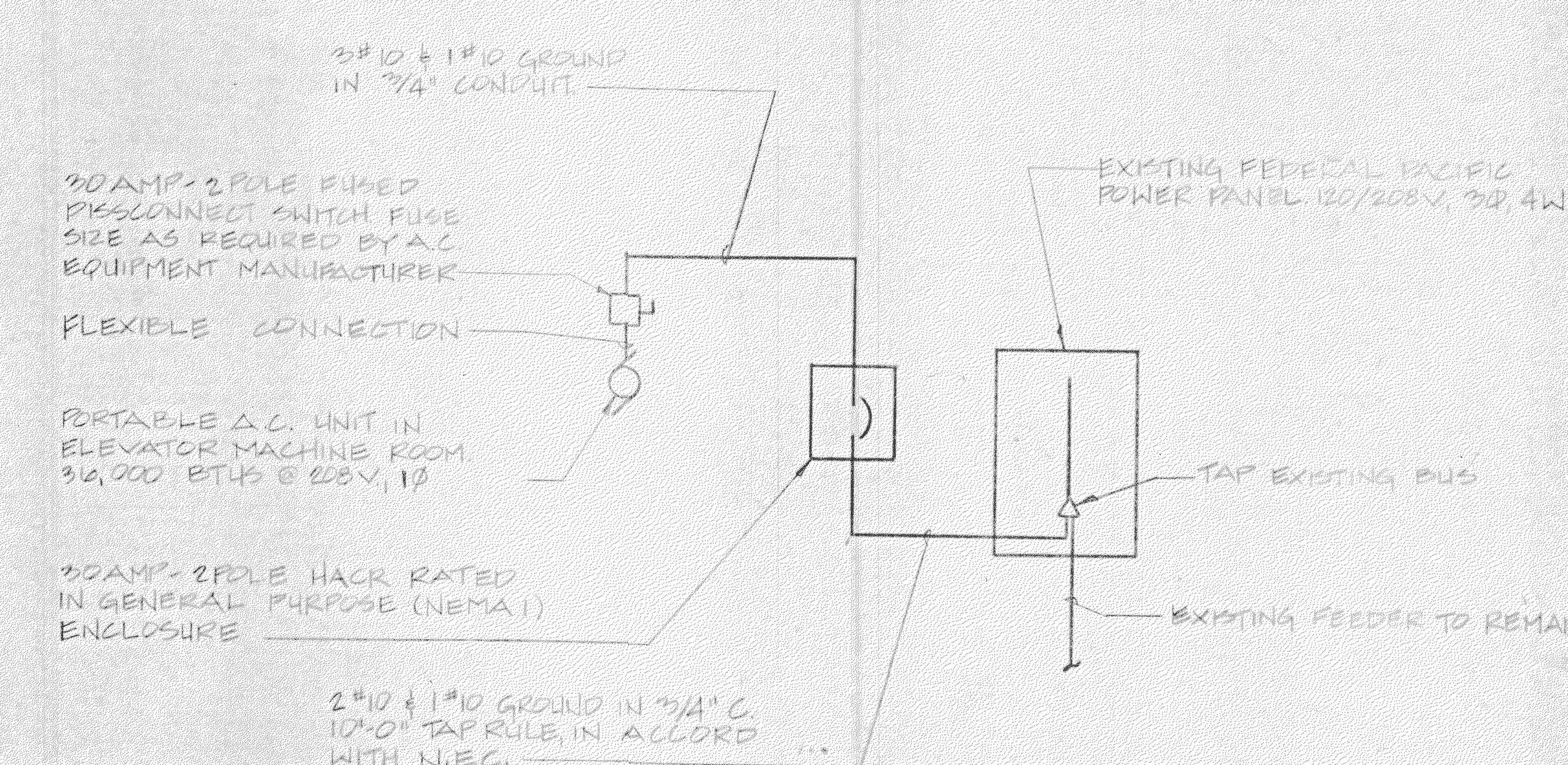


PARTIAL BASEMENT PLAN

SCALE: 1/4" = 1'-0"



ELEVATOR MACHINE ROOM



SINGLE LINE DIAGRAM

NOT TO SCALE

ELECTRICAL SPECIFICATIONS

A. Conduit and wire: Minmum size conduit shall be 3/4" electrical metallic tubing (EMT). All wire shall be copper conductors, minimum size #12 AWG for light and power, and #14 AWG for signal and control.

B. Disconnect switch: Shall be of the size noted on the drawing, fusible or non-fusible and contained within a general purpose enclosure. All switches shall be heavy duty, and have quick-make and quick-break operation. Westinghouse, Square D, General Electric or approved substitute.

C. Combination motor starters: Shall be combination circuit breaker and across-the-line motor starter. Starter shall be provided with overload relays, control transformer, red and green pilot lights, hand-off-auto selector switch and two (2) N.O. and two (2) N.C. auxiliary contacts. Starter shall be mounted in a general purpose, NEMA type I enclosure. Westinghouse, Square D, General Electric or approved substitute.

D. Circuit breakers: Panel mounted - Breakers shall be the size and number of poles indicated, and shall match the existing panelboard manufacturer's type, style and interrupting rating. Enclosured circuit breakers - Breakers shall be the size and number of poles indicated, with a minimum of 10,000 A.I.C. rating, and enclosured in a general purpose, NEMA type I enclosure. Westinghouse, Square D, General Electric or approved substitute.

TESTING & BALANCING

1. THE BALANCING FIRM SHALL PERFORM THE FOLLOWING TESTS, MAKE NECESSARY ADJUSTMENTS AND COMPILE THE FOLLOWING INFORMATION AND SUBMIT A BALANCING REPORT INDICATING THE FINAL CONDITIONS:

EXHAUST FANS

A. DESIGN CONDITIONS:

(1) CFM EXHAUST AIR
(2) STATIC PRESSURE
(3) FAN RPM

B. INDIVIDUAL OUTLETS (LOUVERS AND/OR GRILLES)

(1) IDENTIFY EACH OUTLET OR INLET AS TO LOCATION AND AREA AND FAN SYSTEM.
(2) OUTLET, MANUFACTURE AND TYPE
(3) OUTLET SIZE
(4) OUTLET FREE AREA, CORE AREA, OR NECK AREA
(5) REQUIRED FPM AND TEST VELOCITY FOUND FOR EACH OUTLET.
(6) REQUIRED CFM AND TEST RESULTS FOR EACH OUTLET.

MISCELLANEOUS HVAC PROJECTS AT THE DEVON

MECHANICAL SPECIFICATIONS

EQUIPMENT START-UP

1. VERIFY PROPER INSTALLATION OF MANUFACTURER OR HIS REPRESENTATIVE.

2. ADVISE GENERAL CONTRACTOR 2 DAYS PRIOR TO ACTUAL START-UP.

3. VERIFY PROPER OPERATION. OBTAIN SIGNED STATEMENT BY MANUFACTURER OR HIS REPRESENTATIVE THAT EQUIPMENT IS OPERATING WITHIN WARRANTY REQUIREMENTS. SUBMIT STATEMENT TO GENERAL CONTRACTOR.

SUPPLY DUCTWORK

1. CONSTRUCT AND INSTALL IN ACCORDANCE WITH SMACNA STANDARDS BUT NOT LESS THAN 2" STATIC PRESSURE.

2. ALL SHEET METAL DUCTWORK SHALL BE FORMED FROM GALVANIZED STEEL SHEETS.

DAMPERS

1. PROVIDE AND INSTALL WHERE INDICATED OR REQUIRED TO CONTROL FLOW OF AIR AND BALANCE SYSTEM.

2. OPPOSED BLADE, BEARINGS AT EACH END, EXTRUDED ALUMINUM, ADJUSTING QUADRANT AND LOCKING DEVICE.

3. MANUFACTURERS: VENTLOK OR APPROVED SUBSTITUTE.

	MECHANICAL / ELECTRICAL
DR. R.G./J.M.	DEVON CONDOMINIUM
CK. SAE	MISCELLANEOUS PROJECTS
APP. HLD	
SCALE: NOTED	WILMINGTON DELAWARE
DATE: 3-24-95	ME-1

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