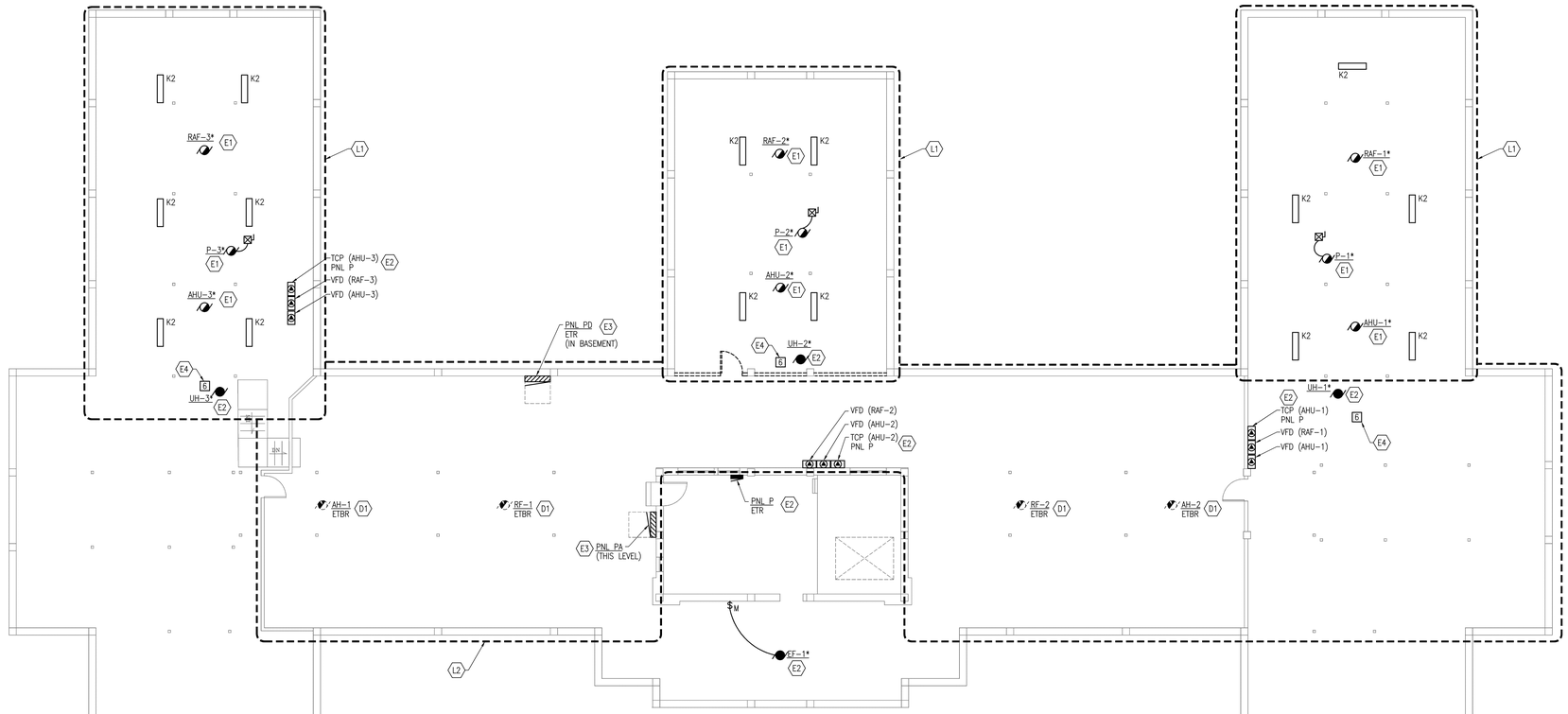


*SEE DRAWING MH600 FOR ELECTRICAL REQUIREMENTS

ETR – EXISTING TO REMAIN
ETBR – EXISTING TO BE REMOVED

TCP – TEMPERATURE CONTROL PANEL
VFD – VARIABLE FREQUENCY DRIVE

SEE DRAWINGS MH101 AND MH102 FOR ADDITIONAL INFORMATION AND REQUIREMENTS REGARDING MECHANICAL CONTROLS.

**KEYED DEMOLITION NOTES:**

D1 REMOVE ALL ELECTRICAL ASSOCIATED WITH EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. REMOVE FEEDER AND RACEWAY BACK TO PANEL PA.

**ELECTRICAL KEYED NOTES:**

E1 INSTALL NEW FEEDER TO NEW CIRCUIT BREAKER IN NEW 480/277V PANEL PA. SEE DRAWING MH600 FOR ELECTRICAL REQUIREMENTS.

E2 INSTALL NEW FEEDER TO NEW CIRCUIT BREAKER IN EXISTING 208/120V PANEL P. SEE DRAWING MH600 FOR ELECTRICAL REQUIREMENTS. PROVIDE NEW, ACCURATE, TYPEWRITTEN CIRCUIT DIRECTORY AT PANEL.

E3 REPLACE EXISTING 480/277V PANEL PA WITH NEW 400A DISTRIBUTION PANELBOARD. PROVIDE 300/3 MAIN CB AND 10 KAIC CIRCUIT BREAKERS IN NEW PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS AND RECONNECT ALL EXISTING LOADS. PROVIDE NEW CIRCUIT BREAKERS FOR NEW MECHANICAL EQUIPMENT PLUS 8–100/3 SPACES FOR FUTURE BREAKERS IN NEW PANELBOARD. PROVIDE NEW 300/3 CB IN PANEL PD IN BASEMENT AND REPLACE EXISTING FEEDER TO PANEL PA WITH 4–350KCM, #4G, 3"C. PROVIDE LAMACOID NAMEPLATE FOR EACH FEEDER CIRCUIT BREAKER.

E4 CONNECT NEW DUCT SMOKE DETECTOR TO EXISTING FIRE ALARM SYSTEM. ALL NEW DUCT SMOKE DETECTORS TO BE COMPATIBLE WITH EXISTING SMOKE DETECTION SYSTEM. RE–CONNECT ALL FIRE ALARM DEVICES TO PROVIDE COMPLETE FUNCTIONING SYSTEM AT COMPLETION OF PROJECT.

**LIGHTING KEYED NOTES:**

L1 REMOVE EXISTING LIGHTING. PROVIDE NEW TYPE K2, 4', 2–LAMP, T8 INDUSTRIAL LUMINAIRES. CONNECT TO EXISTING SWITCHES AND CIRCUITS.

L2 REMOVE AND REINSTALL EXISTING LUMINAIRES AS REQUIRED TO ACCOMMODATE MECHANICAL CONSTRUCTION.

## LIGHTING FIXTURE LEGEND

| TYPE | DESCRIPTION | MOUNTING | LAMPS | VOLTAGE | MANUFACTURE & CATALOG NO. | NOTE | VA |
|---|---|---|---|---|---|---|---|
| K2 | 4' INDUSTRIAL FLUORESCENT, HEAVY–DUTY, 10% UPLIGHT | SUSPENDED CHAIN | (2) GE F32T8/SPX41 /ECO | 120 | COLUMBIA #KL4–232–(*)–EP<br>DAY–BRITE #FP232–PS–/(*)–1/2–EB10R<br>LIGHTOLIER #TU4A232–(*)P2<br>LITHONIA #AF10232–(*)–GEB10RS<br>METALUX #DMN232–(*)–ER81 | – | 70 |

**LIGHTING FIXTURE LEGEND NOTES:**

GENERAL:

A. FIXTURE CATALOG NUMBERS ARE FOR CONTRACTOR'S CONVENIENCE ONLY. VERIFY TYPE AND VOLTAGE FOR EACH INSTALLATION PRIOR TO PURCHASE.

B. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE INCLUDED IN MANUFACTURER'S CATALOG NUMBER.

# ATTIC FLOOR PLAN - ELECTRICAL

SCALE: 1/8" = 1'–0"

N

| Revisions | Date |
|---|---|
| 100% DOCUMENTS | 11/30/2011 |

URS
3950 SPARKS DRIVE SE
GRAND RAPIDS, MI
616–574–8500
PROJ. NO. 12942721
Architect

stamp

| | | | |
|---|---|---|---|
| | DATE | ENGINEERING MANAGER | DATE |
| INFECTION CONTROL | DATE | CARELINE MANAGER | DATE |
| SAFETY OFFICER | DATE | CHIEF OF STAFF | DATE |

Drawing Title: ATTIC FLOOR PLAN ELECTRICAL

MEDICAL CENTER DIRECTOR DATE

ASSOCIATE MEDICAL CENTER DIRECTOR DATE

Project Title: FCA – REPLACE HVAC SYSTEM
PROJ. NO. 515–10–109
CONTRACT NO. VA251–P–0592

Building Number: 82
Checked:
Drawn: TAM RJM

Location: V.A.M.C. BATTLE CREEK, MICHIGAN

Date: 10/17/2011

Station No.: 515

E103

Office of Facilities
Department of Veterans Affairs