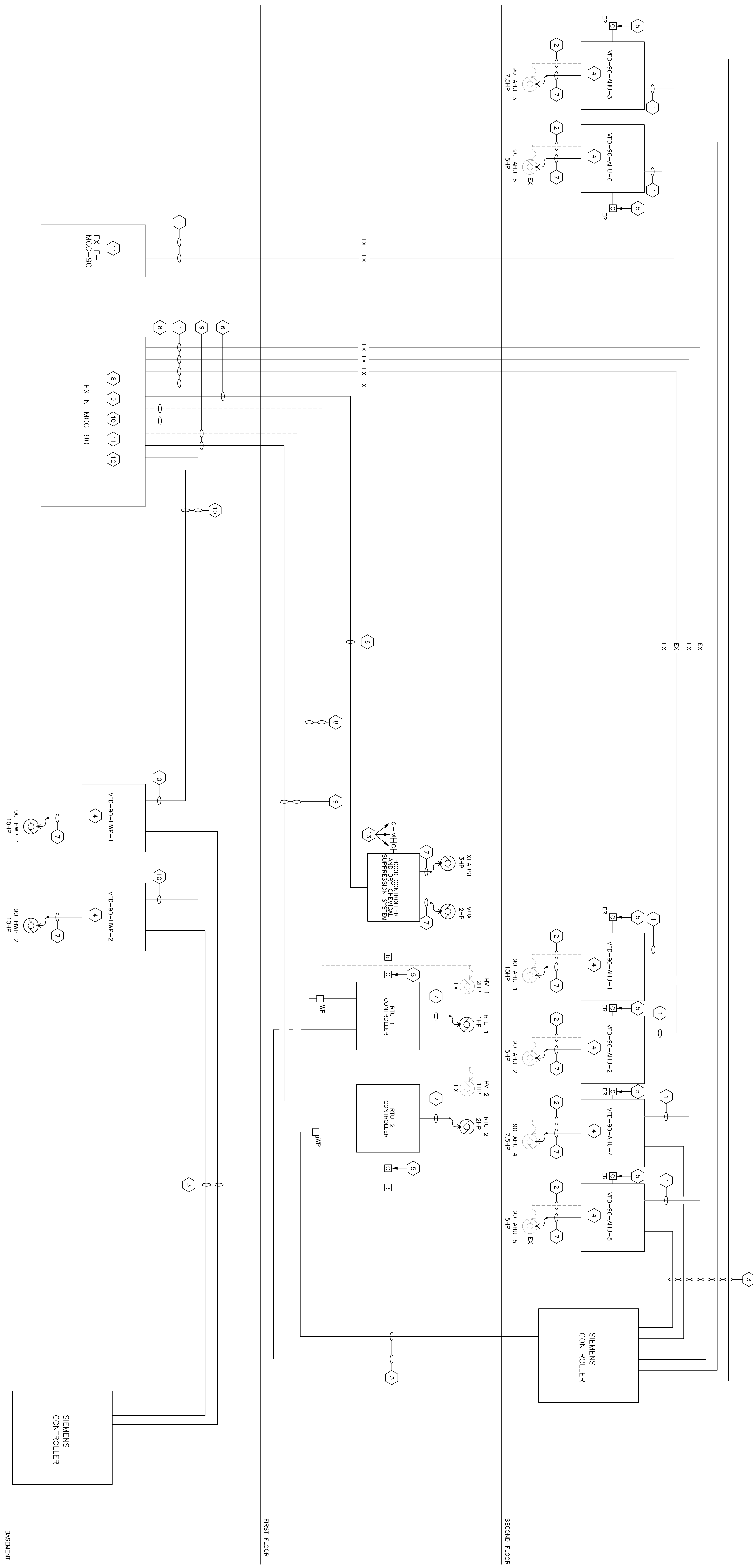


KEYED NOTES:

- 1— REMOVE EXISTING PHASE AND GROUND CONDUCTORS IN OVERHEAD CONDUIT FROM EXISTING CIRCUIT BREAKER/MP. IN N-MC-90 AND N-MC-90 TO NEW VFD. CONDUCTORS FROM EXISTING BREAKER/MP TO NEW VFD SHALL BE 3 #12 & 1 #12 GND, 3/4°C. UNLESS OTHERWISE INDICATED.
- 2— DISCONNECT AND REMOVE EXISTING CONDUCTORS AND FLEXIBLE CONDUIT COMPLETE FROM LOAD SIDE OF SAFETY SWITCH/MOTOR.
- 3— CAT 6 CABLE OR CONDUCTORS AS REQUIRED IN 3/4" C. FROM VFD TO NEW APCOE CONTROLLER. MAKE ALL CONNECTIONS AS REQUIRED.
- 4— NEW COMBINATION VARIABLE FREQUENCY DRIVE (VFD) WITH BROS. MOUNTED ON WALL AS REQUIRED, UNLESS OTHERWISE INDICATED. NEW VFD MAY BE INSTALLED IN LOCATION OF EXISTING SAFETY SWITCH/MOTOR. BROS. SHALL BE REMOVED. MAKE ALL CONNECTIONS AS REQUIRED.
- 5— NEW OR RELOCATED FIRE ALARM SYSTEM CONTROL MODULE. MAKE ALL CONNECTIONS AS REQUIRED FOR A COMPLETE, OPERATIONAL, AND SHUTDOWN SYSTEM.
- 6— 3 #12 & 1 #12 GND.
- 7— INSTALL NEW #12 AND 1 #12 GND. IN 3/4" FLEXIBLE CONDUIT, UNLESS OTHERWISE INDICATED. FROM NEW CONTROLLER/SAFETY SWITCH TO MOTOR. MAKE ALL CONNECTIONS AS NECESSARY FOR A COMPLETE, OPERATIONAL, AND SHUTDOWN SYSTEM.
- 8— DISCONNECT AND REMOVE EXISTING UNIT HV-1, AND ASSOCIATED CIRCUITRY COMPLETE BACK TO EXISTING N-MC-90. REMOVE EXISTING MOTOR STARTER COMPLETE FROM LOAD SIDE OF CIRCUIT BREAKER/MP. REUSE EXISTING 30A/3P BREAKER SERVING HV-1. INSTALL NEW #10 & #12 GND, 3/4°C. OVERHEAD TO NEW RVU CONTROLLER. MAKE ALL CONNECTIONS AS REQUIRED.
- 9— DISCONNECT AND REMOVE EXISTING UNIT HV-2 AND ASSOCIATED CIRCUITRY COMPLETE BACK TO EXISTING N-MC-90. REMOVE EXISTING MOTOR STARTER COMPLETE FROM LOAD SIDE OF CIRCUIT BREAKER/MP. REUSE EXISTING 30A/3P BREAKER SERVING HV-2. INSTALL NEW #10 & #12 GND, 3/4°C. OVERHEAD TO NEW RVU CONTROLLER. MAKE ALL CONNECTIONS AS REQUIRED.
- 10— REQUIRED. 30A/3P BREAKER IN EXISTING N-MC-90. SPACE CIRCLES FOR HV-1, AND HV-2, RESPECTIVELY. INSTALL NEW 3 #10 & 1 #12 GND, 3/4°C. OVERHEAD TO NEW COMBINATION VFD. MAKE ALL CONNECTIONS AS REQUIRED. PROVIDE ENGRAVED PLASTIC LAMINATE LABEL ON EACH BREAKER CIRCULE.
- 11— SEE TYPICAL WIRING DIAGRAM FOR VFD INSTALLATION SCHEMATIC SHEET 90E1.1.
- 12— INSTALL NEW 20A/3P BREAKER IN EXISTING N-MC-90. SPACE CIRCLES FOR KITCHEN HOOD EXHAUST AND MAKE UP AIR FANS. INSTALL NEW 3 #12 & 1 #12 GND, 3/4°C. TO NEW HOOD CONTROL PANEL. MAKE ALL CONNECTIONS AS REQUIRED. PROVIDE ENGRAVED PLASTIC LAMINATE LABEL ON BREAKER CIRCULE.
- 13— INTERFACE MONITOR AND CONTROL MODULES AS REQUIRED WITH HOOD CONTROLLER AND DRY CHEMICAL SUPPRESSION SYSTEM. DISCHARGE OF SUPPRESSION SYSTEM SHALL INITIATE AN ALARM CONDITION AT THE FIRE ALARM CONTROL PANEL.



B-90, VFD RISER DIAGRAM

NO SCALE

[illegible]