



KEYED NOTES:

1. — DISCONNECT AND REMOVE EXISTING MOTOR BREAKER COMPLETE FROM LOAD SIDE OF EXISTING BREAKER/MOP. EXTEND EXISTING OR PROVIDE NEW CONDUCTORS AS NECESSARY AND RECONNECT TO LOAD SIDE OF CIRCUIT BREAKER. RELABEL MCC CUBICLE WITH REISED NOMENCLATURE AS INDICATED ON MECHANICAL DRAWINGS. NEW LABELING SHALL BE ENGRAVED PLASTIC LAMINATE.
2. — RELEASE EXISTING PHASE AND GROUND CONDUCTORS IN OVERHEAD CONDUIT FROM EXISTING CIRCUIT BREAKER/MOP IN MCC-B3 TO NEW VFD. CONDUCTORS FROM EXISTING CIRCUIT BREAKER/MOP TO NEW VFD SHALL BE 3 #12 & 1 #12 GND., 3/4" C. UNLESS OTHERWISE INDICATED.
3. — DISCONNECT AND REMOVE EXISTING CONDUCTORS AND FLEXIBLE CONDUIT COMPLETE FROM LOAD SIDE OF SAFETY SWITCH/MOTOR.
4. — CAT 6 CABLE OR CONDUCTORS AS REQUIRED IN 3/4" C. FROM VFD TO NEW APOGEE CONTROLLER. MAKE ALL CONNECTIONS AS REQUIRED.
5. — NEW COMBINATION VARIABLE FREQUENCY DRIVE (VFD) WITH BYPASS MOUNTED ON WALL AS REQUIRED UNLESS OTHERWISE INDICATED. NEW VFD MAY BE INSTALLED IN LOCATION OF EXISTING SAFETY SWITCH ONCE IT HAS BEEN REMOVED COMPLETE. MAKE ALL CONNECTIONS AS REQUIRED.
6. — PROVIDE LABELING ON EXISTING MCC CUBICLE DOOR IDENTIFYING VFD SERVED. LABELING SHALL BE AS APPROVED BY ENGINEER.
7. — INSTALL NEW DIFFERENTIAL PRESSURE SENSOR (DPS) AS INDICATED. DPS SHALL BE SETRA 230 SERIES OR APPROVED EQUAL. PROVIDE COPPER TUBING AND MAKE ALL CONNECTIONS TO CHWS AND CHWR LINES AS REQUIRED.
8. — ALL WORK SHOWN THIS SHEET IS ASSOCIATED WITH DEDUCTIVE ALTERNATE NO. 1.
9. — DISCONNECT AND REMOVE EXISTING SAFETY SWITCH COMPLETE. PHASE AND GROUND CONDUCTORS FROM CIRCUIT BREAKER/MOP TO REMAIN FOR VFD INSTALLATION.
10. — INSTALL NEW CONDUCTORS IN FLEXIBLE CONDUIT. CONDUCTORS AND FLEXIBLE CONDUIT SIZE TO MATCH EXISTING. FROM NEW VFD TO MOTOR. MAKE ALL CONNECTIONS AS NECESSARY FOR A COMPLETE, OPERATIONAL SYSTEM.
11. — BOND EXISTING EQUIPMENT GROUNDING CONDUCTOR TO NEW VFD AS REQUIRED.
12. — RELOCATED FIRE ALARM SYSTEM CONTROL MODULE. MAKE ALL CONNECTIONS AS REQUIRED FOR A COMPLETE, OPERATIONAL AND SHUTDOWN SYSTEM.