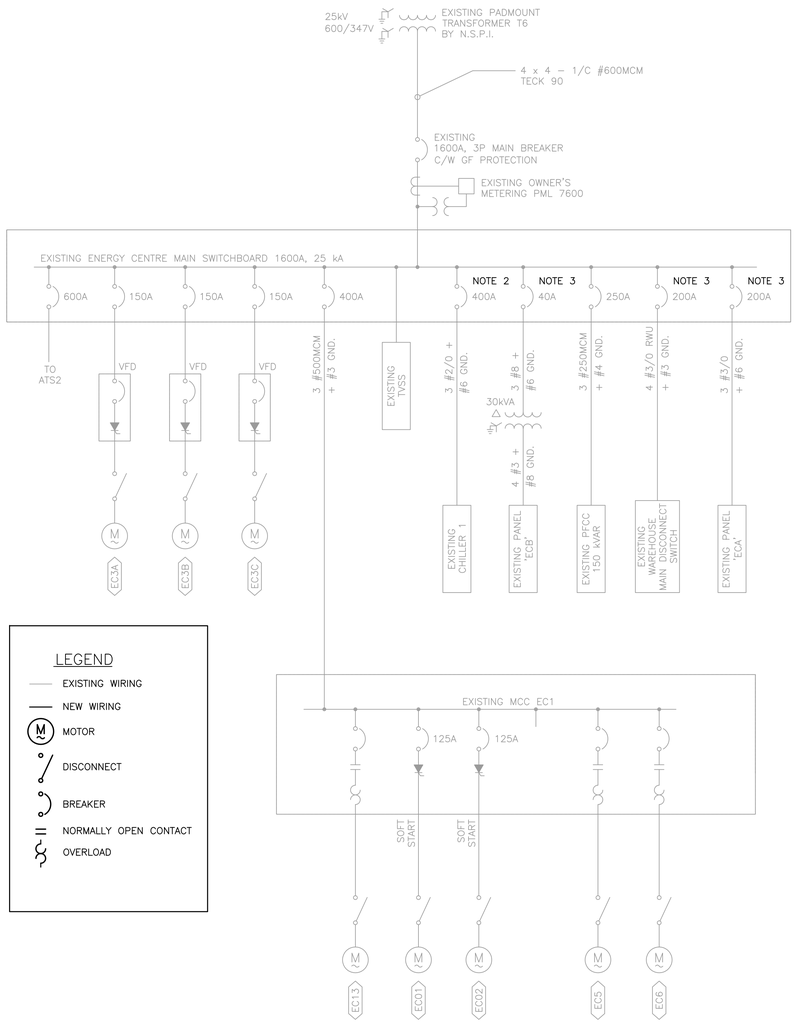
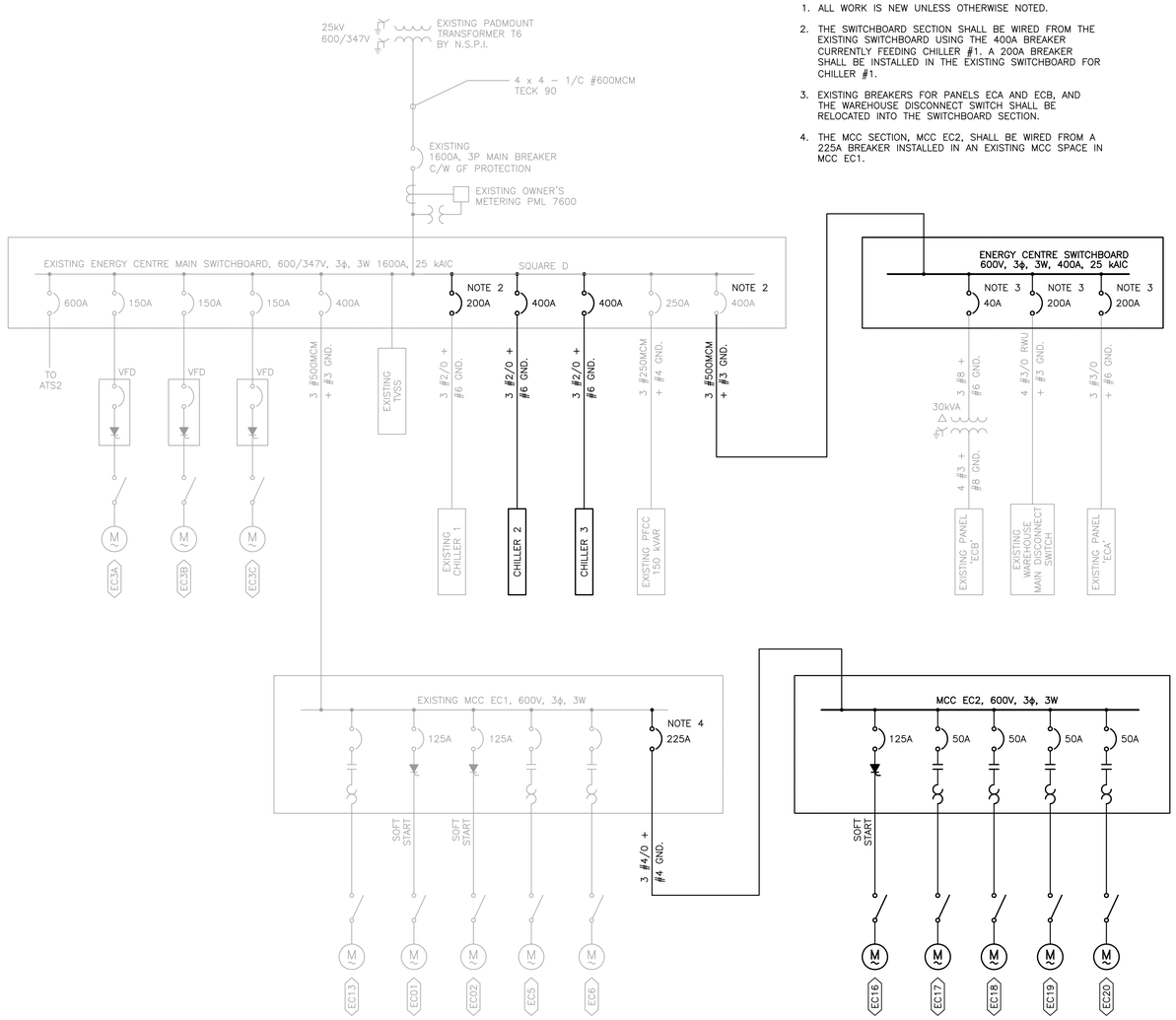


EXISTING SINGLE LINE



PROPOSED SINGLE LINE

NOTES:

1. ALL WORK IS NEW UNLESS OTHERWISE NOTED.
2. THE SWITCHBOARD SECTION SHALL BE WIRED FROM THE EXISTING SWITCHBOARD USING THE 400A BREAKER CURRENTLY FEEDING CHILLER #1. A 200A BREAKER SHALL BE INSTALLED IN THE EXISTING SWITCHBOARD FOR CHILLER #1.
3. EXISTING BREAKERS FOR PANELS ECA AND ECB, AND THE WAREHOUSE DISCONNECT SWITCH SHALL BE RELOCATED INTO THE SWITCHBOARD SECTION.
4. THE MCC SECTION, MCC EC2, SHALL BE WIRED FROM A 225A BREAKER INSTALLED IN AN EXISTING MCC SPACE IN MCC EC1.

LEGEND

- EXISTING WIRING
- NEW WIRING
- MOTOR
- DISCONNECT
- BREAKER
- NORMALLY OPEN CONTACT
- OVERLOAD

MOTOR STARTER AND CONTROL LIST

E – ELECTRICAL CONTRACT
M – MECHANICAL CONTRACT
U – USERS EQUIPMENT (NEW)
C – CIVIL
X – PROVIDE

1 – STOP–START
2 – ON–OFF
3 – HAND–OFF–AUTO
4 – PILOT LIGHT
5 – CONTROL RELAY
6 – TIMING RELAY
7 – DOUBLE VOLTAGE RELAY
8 – THERMISTORS
9 – ELECTRO PNEUMATIC SWITCH
10 – PNEUMATIC ELECTRO SWITCH
11 – SOLENOID
12 – MOTORIZED DAMPER
13 – FLOAT SWITCH
14 – PRESSURE SWITCH
15 – FLOW SWITCH
16 – SAIL SWITCH
17 – CONTROL TRANSFORMER
18 – THERMOSTAT
19 – INTEGRAL CONTROL PANEL
20 – FIRE ALARM SHUT DOWN
21 – FREEZE PROTECTION
22 – FIRE PROTECTION
23 – HIGH LIMIT
24 – LOW LIMIT
25 – EMCS
26 – SPEED CONTROL
27 – FAST–OFF–SLOW SWITCH
28 – OVERLOADS
29 – GFI RECEPTACLE
30 – GFI BREAKER
31 – PROVIDE PLUG TO SUIT
32 – LINE VOLTAGE REVERSE ACTING THERMOSTAT
33 – LEVEL SWITCH

| ELECTRICAL EQUIPMENT No. (#) | MECHANICAL EQUIPMENT No. | BUILDING | LOCATION | EQUIPMENT | SUPPLIED UNDER | INSTALLED UNDER | WIRED UNDER | EQUIPMENT RATING kW | EQUIPMENT RATING HP | VOLTAGE | PHASE | SOURCE AND CIRCUIT No. | STARTERS: MANUAL | IN COVER: TOGGLE | IN COVER: KEY | IN COVER: PUSHBUTTON | IN COVER: PILOT LIGHT | VFD | SOFT START | MAGNETIC | COMBINATION | REDUCED VOLTAGE | TWO SPEED | BREAKER TYPE | FUSE TYPE | CONTROL TRANS. | AUXILIARY CONTACTS | EEMAC SIZE | IN COVER: STOP–START | IN COVER: ON–OFF | IN COVER: HAND–OFF–AUTO | IN COVER: ON LIGHT–GREEN | IN COVER: RUN LIGHT–RED | CSA ENCLOSURE TYPE | LEGEND ABOVE | NOTES | SUPPLIED UNDER | INSTALLED UNDER | WIRED UNDER | CONNECTION: DISCONNECT SWITCH | TOGGLE SWITCH | JUNCTION BOX | RECEPTACLE | WEATHER PROOF | LEGEND ABOVE | LEGEND ABOVE | NOTES | SUPPLIED UNDER | INSTALLED UNDER | WIRED UNDER | CONTROLS: LEGEND ABOVE | LEGEND ABOVE | NOTES | SUPPLIED UNDER | INSTALLED UNDER | WIRED UNDER | LEGEND ABOVE | LEGEND ABOVE | LEGEND ABOVE | NOTES | SUPPLIED UNDER | INSTALLED UNDER | WIRED UNDER | LINE DIAGRAM No. | INTERLOCK WITH EQUIP. No. | NOTES | FEEDER DETAILS | MECHANICAL EQUIPMENT No. | ELECTRICAL EQUIPMENT No. (#) |
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