NOTE: E.G. IS TO DISCONNECT ALL ELECTRIC HEAT TRACE TAPE FROM PIPING AND REMOVE, RENDER CIRCUITS DEAD, REMOVE WIRING AND EXPOSED CONDUITS, PROPERLY PATCH ROOF WHERE REQUIRED.

EXISTING COOLING TOWER #1 (CT-1), 3111-400 VOLT, E.G. IS TO DISCONNECT EXISTING COOLING TOWER FOR REMOVAL BY H.C., RENDER CIRCUITS DEAD, REMOVE EXISTING WIRING AND EXPOSED CONDUITS BACK TO EXISTING CONTROL PANEL.

EXISTING COOLING TOWER #2 (CT-2), 3111-400 VOLT, E.G. IS TO DISCONNECT EXISTING COOLING TOWER FOR REMOVAL BY H.C., RENDER CIRCUITS DEAD, REMOVE EXISTING WIRING AND EXPOSED CONDUITS BACK TO EXISTING CONTROL PANEL.

EXISTING CT-2 CONTROL PANEL, 3111-400 VOLT, E.G. IS TO DISCONNECT CONTROL PANEL FOR REMOVAL BY H.C., E.G. IS TO REMOVE EXISTING WIRING AND EXPOSED CONDUIT BACK TO SOURCE, RENDER CIRCUIT DEAD.

EXISTING CONDUIT OPENING IN ROOF TO BE PROPERLY REPAIRED BY H.C.

EXISTING CT-1 CONTROL PANEL, E.G. IS TO DISCONNECT EXISTING CONTROL PANEL FOR REMOVAL BY H.C., E.G. IS TO REMOVE EXISTING WIRING AND EXPOSED CONDUIT BACK TO SOURCE, RENDER CIRCUIT DEAD.

NOTE: DO NOT SCALE DRAWING - EACH CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND ALL DIMENSIONS BEFORE BEGINNING ANY WORK. EACH ORIGINAL DRAWING SIZE = 24"x36"
CONTRACTOR IS TO FULLY COORDINATE THEIR WORK WITH THAT OF OTHERS. REFER TO THE CONTRACT AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

- EACH CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND ALL DIMENSIONS BEFORE BEGINNING ANY WORK. EACH

NOTE: DO NOT SCALE DRAWING

EHEA 2005

NO.

BRETT NICHOLAS YONISH DATE

02-13-2020

02-13-2020

B.N.Y.

OF THE STATE OF MARYLAND, LICENSE NO. 50053, EXPIRATION DATE: 10-13-2020

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY

PARTIAL MAIN WIRING DIAGRAM 3~4W-277/480 VOLTS

PROFESSIONAL CERTIFICATION

DATE: DRAWING NO.

1 #10 GROUND IN 1" CONDUIT

&

WIRE SIZE: 3 #6

NEW CONDENSER WATER PUMP

&

H.C., 60AMP/3P NON-FUSED DISCONNECT SWITCH

INSTALL 1 NEW 60AMP/3P CIRCUIT BREAKER FOR

NEW COOLING TOWER #1, 15.0 Hp, 3~-480 VOLTS FURNISHED AND INSTALLED BY H.C., INSTALLED BY E.C., EACH NEW CONDENSER WATER PUMP, CIRCUIT

THE MOUNTING OF THE NEW DISCONNECT SWITCHES.

...MECHANICAL ROOM - ELECTRICAL

ON DRAWING E-3, FURNISH AND INSTALL A 15AMP/2P CIRCUIT BREAKER IN SPACES,

CONDUIT. CONTROL PANEL FURNISHED BY H.C. INSTALLED BY E.C., CIRCUIT TO PANEL

"MEG" LOCATED IN ELECTRICAL ROOM, REFER TO PARTIAL GROUND FLOOR PLAN MECHANICAL ROOM

80 z j z

60AMP /3P FUSED DISCONNECT

CONDUIT. BREAKER TO MATCH EXISTING PANEL MANUFACTURER AND RATINGS.

ELECTRICAL ON DRAWING E-3, FURNISH AND INSTALL A 15AMP/2P CIRCUIT BREAKER IN SPACES,

...EQUIPMENT MOUNTING RACK TO

0

...---E.C. IS TO MODIFY EXISTING

ACCOMMODATE NEW DISCONNECT

E.C. IS TO MODIFY EXISTING

ROOM - ELECTRICAL ON DRAWING E-3, FURNISH AND INSTALL A 15AMP/2P CIRCUIT BREAKER IN SPACES,

...EQUIPMENT MOUNTING RACK TO

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...---E.C. IS TO MODIFY EXISTING

ACCOMMODATE NEW DISCONNECT

E.C. IS TO MODIFY EXISTING

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ACCOMMODATE NEW DISCONNECT

E.C. IS TO MODIFY EXISTING

ROOM - ELECTRICAL ON DRAWING E-3, FURNISH AND INSTALL A 15AMP/2P CIRCUIT BREAKER IN SPACES,
PARTIAL GROUND FLOOR PLAN - MECHANICAL ROOM - ELECTRICAL DEMOLITION

EXISTING MEC DETAIL

DRAWING NOTES

1. This equipment is designed to be used in conjunction with other similar equipment or systems. Consult the manufacturer for specific installation instructions.
2. This equipment is not approved for outdoor use. Interior installation is required for best performance.
3. The equipment is designed for use in an environment where temperature fluctuations are expected. Unused equipment should be stored in a controlled environment.
4. This equipment is designed for use in a commercial setting. Use in residential environments is not recommended.

PARTIAL GROUND FLOOR PLAN - ELECTRICAL DEHUMIDIFICATION

PARTIAL GROUND FLOOR PLAN - LOADING DOCK - ELECTRICAL

ELECTRICAL SPECIFICATIONS

1. The equipment is designed for use in a commercial setting. Use in residential environments is not recommended.
2. The equipment is designed for use in a commercial setting. Use in residential environments is not recommended.
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