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ED101

PARTIAL FLOOR PLAN - CHILLER ROOM/COOLING TOWER - ELECTRICAL - DEMOLITION WORK

SCALE: 1/4"=1'-0"

DISCONNECT CIRCUITING TO (2) EXISTING AIR COMPRESSORS TO INCLUDE BUT NOT BE LIMITED TO ALL ASSOCIATED FUSES, CONTROLS, WIRING, CONDUIT, HANGERS, STARTERS, DISCONNECT SWITCHES, TRANSFORMER, ETC. BACK TO SOURCE PANEL.

DISCONNECT CIRCUITING TO EXISTING AIR COMPRESSOR. EXTEND CIRCUITING AS REQUIRED FOR RELOCATED AND NEW COMPRESSOR AS SHOWN ON DRAWINGS FOR NEW WORK.

DISCONNECT AND REMOVE EXISTING BREAKERS/MOTOR STARTERS, CONTROLS, ETC. FOR THE EXISTING 40 HP COOLING TOWER FAN MOTORS. REFER TO NOTATION ON ELECTRICAL DRAWINGS FOR NEW WORK.

DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH AND TRANSFORMER SERVING (2) AIR COMPRESSORS INDICATED TO BE REMOVED. DELIVER TO OWNER OR DISPOSE OF AS DIRECTED IN FIELD. SAFE BACK TO ADJACENT DISTRIBUTION PANEL. TYP. SERVING SAME.

EXISTING 120/208V PANEL TYP.

REMOVE EXISTING CHAIN LINK FENCING IN ITS ENTIRETY AS REQUIRED FOR REPLACEMENT WITH NEW AS SHOWN ON DRAWINGS FOR NEW WORK.

DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AND ASSOCIATED SWITCH, CONDUIT AND WIRING. REMOVAL SHALL BE TO A POINT NEAR GRADE TO ALLOW INSTALLATION OF A NEW NEMA 3R JUNCTION BOX TO ACCOMMODATE CONNECTIONS AND NEW CONDUIT FOR WIRING TO NEW LIGHTING FIXTURES.

DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRING TO TOWER FAN MOTOR DISCONNECT SWITCHES. REMOVAL SHALL BE TO A POINT NEAR GRADE TO ALLOW INSTALLATION OF A NEW NEMA 3R JUNCTION BOX TO ACCOMMODATE CONNECTIONS AND NEW CONDUIT FOR WIRING TO NEW TOWER FAN MOTORS.

DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRING TO TOWER VIBRATION SWITCHES. REMOVAL SHALL BE TO A POINT NEAR GRADE TO ALLOW INSTALLATION OF A NEW NEMA 3R JUNCTION BOX TO ACCOMMODATE CONNECTIONS AND NEW CONDUIT FOR WIRING TO NEW TOWER VIBRATION SWITCHES.

EXISTING JUNCTION BOX FOR POWER TO TOWER MOTORS, LIGHTING, CONTROLS, ETC.

EXISTING ABSORPTION CHILLER

CHILLER ROOM

EXISTING 900 TON CHILLER


EXISTING 900 TON CHILLER

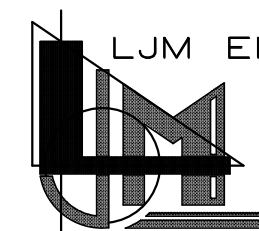
DISCONNECT POWER WIRING TO EXISTING COOLING TOWER WATER PUMPS AS REQUIRED FOR REPLACEMENT WITH NEW HIGH EFFICIENCY MOTORS.

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Drawing Title
COOLING TOWER PLAN
ELECTRICAL - DEMOLITION WORK

Approved: Project Director

Project Title
COOLING TOWER REPLACEMENT
385 TREMONT AVENUE
EAST ORANGE, NJ 07018

Location
East Orange Campus

Date
March 20, 2012

Checked
LJM

Drawn
AC

Project Number
561-11-112

Building Number
N/A

Drawing Number
ED101

Dwg. 6 of 8

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

100% SUBMISSION