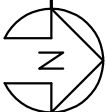


- ① NEW CONDENSING UNIT 1 INSTALLED IN SAME LOCATION AS EXISTING. INTERCEPT EXISTING POWER FEED BELOW ROOF AND EXTEND TO NEW UNIT DISCONNECT SWITCH. EXTEND WITH SAME SIZE CONDUCTOR AS EXISTING, MINIMUM SIZE #4@10, #4@6 IN 2/2C.
- ② NEW CONDENSING UNIT 2 INSTALLED IN SAME LOCATION AS EXISTING. INTERCEPT EXISTING POWER FEED BELOW ROOF AND EXTEND TO NEW UNIT DISCONNECT SWITCH. EXTEND WITH SAME SIZE CONDUCTOR AS EXISTING, MINIMUM SIZE #4@10, #4@6 IN 1/2C.
- ③ PROVIDE PULL BOX BELOW ROOF IN ACCESSIBLE LOCATION TO INTERCEPT EXISTING FEEDER FOR EXTENSION TO NEW UNIT.
- ④ EXISTING PANEL "DP-1" REPLACE EXISTING CIRCUIT BREAKER SERVING ROOF TOP UNIT TO BE REPLACED WITH NEW 225A@P CIRCUIT BREAKER IN SAME LOCATION.
- ⑤ EXISTING PANEL "DP-1". PROVIDE NEW 15A@P CIRCUIT BREAKER IN AVAILABLE SPACE FOR NEW EXHAUST FAN.
- ⑥ NEW ROOF TOP UNIT INSTALLED IN SAME LOCATION AS EXISTING. INTERCEPT EXISTING POWER FEED BELOW ROOF AND EXTEND TO NEW UNIT DISCONNECT SWITCH. EXTEND WITH SAME SIZE CONDUCTOR AS EXISTING, MINIMUM SIZE 3-250KCMIL, #4@6 IN 2/2C.

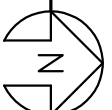
1 BUILDING 'A' MECHANICAL/ELECTRICAL PLAN

SCALE: 1/8"=1'-0"



2 PARTIAL BUILDING 'A' MECHANICAL/ELECTRICAL PLAN

ME-1 SCALE: 1/8"=1'-0"



**COLLEGE - BUILDING
'A' 2019 HVAC
IMPROVEMENTS**

8900 US HWY 14 - BLDG. 7
CRYSTAL LAKE, IL 60012

CONTRACTOR SHALL VERIFY THE EXISTING SIZE OF ALL ELECTRICAL CIRCUITS AND OVERCURRENT DEVICES TO BE REUSED OR REPLACED AND REPORT DISCREPANCIES IN EXISTING SIZES WHERE THEY DO NOT MATCH THE MINIMUM CONDUCTOR SIZES STATED ON THE DRAININGS.

Mechanical - Electrical Engineers

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KDU
ENGINEERING

GROUP LLC

Sheet Title

BUILDING 'A' MECHANICAL/

ELECTRICAL PLAN

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PROJ. MGR: 20/10

ME-1

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