

SEAL:

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUM: 30474 - EXP DATE: 01/23/2021

PROJECT:

INNOVATIVE LEARNING CENTER
NEW MIDDLE SCHOOL

500 CHESTNUT AVE
TOWSON, MD 21204

PREPARED FOR:

LOYOLA BLAKEFIELD

500 CHESTNUT AVE
TOWSON, MD 21204

7 05-01-2020 PR 003

MARK	DATE	DESCRIPTION

PROJECT NO: 18-00386-001

DATE: AUGUST 30, 2019

SCALE: As indicated

DESIGNED BY: RMK/TAN

DRAWN BY: RMK/TAN

CHECKED BY: RMK/DWW

DRAWING TITLE:

**ROOF PLAN
ELECTRICAL**

SHEET NUMBER:

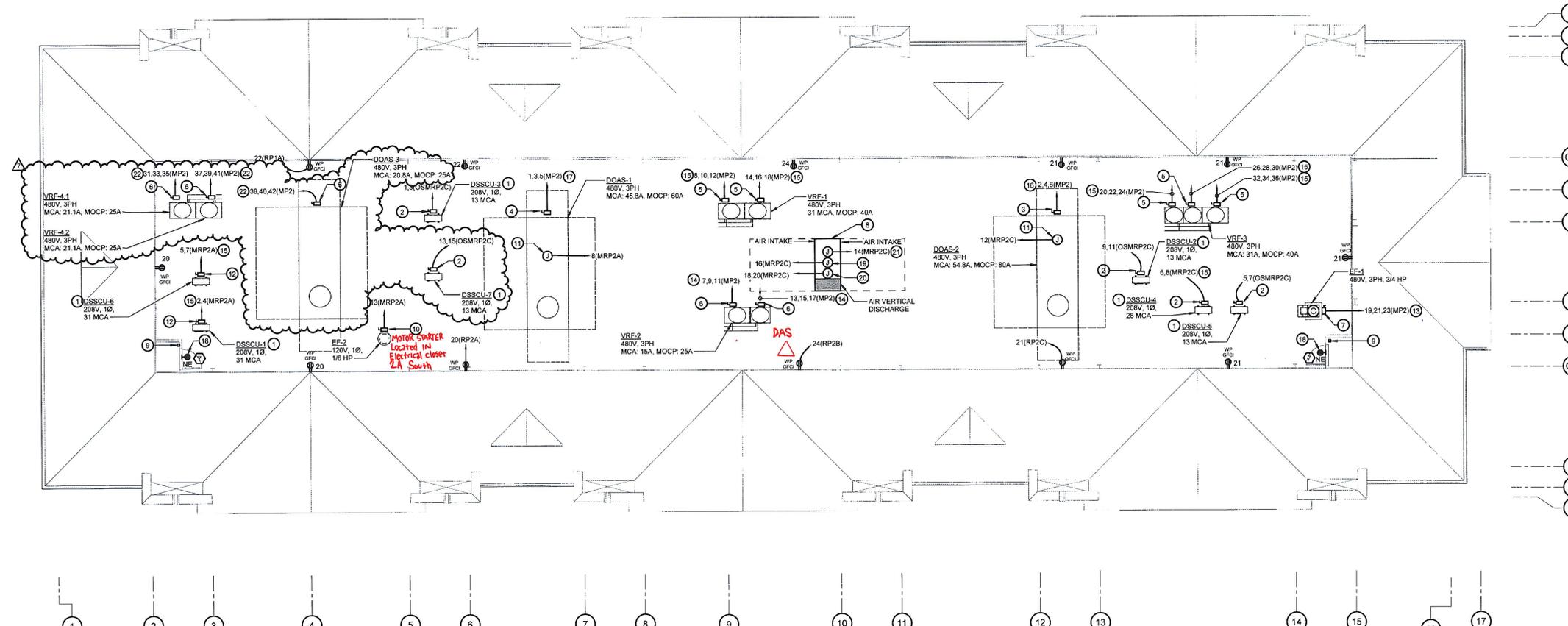
E104

GENERAL NOTES:

- REFER TO E001 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- PROVIDE STRUCTURE WITH COMPLETE UL MASTER LABEL LIGHTNING PROTECTION SYSTEM FOR ENTIRE BUILDING. REFER TO SPECIFICATION SECTION 264113 FOR ADDITIONAL INFORMATION.

DRAWING NOTES:

- PROVIDE ALL POWER AND CONTROL CONNECTIONS FROM DSSCU TO ASSOCIATED DSS UNIT LOCATED IN THE BUILDING INTERIOR.
- PROVIDE 208V, 2P, 30A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE MANUFACTURER RECOMMENDED FUSES.
- PROVIDE 480V, 3P, 100A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE 80A FUSES.
- PROVIDE 480V, 3P, 60A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE 60A FUSES.
- PROVIDE 480V, 3P, 60A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE MANUFACTURER RECOMMENDED FUSES. COORDINATE WITH FINAL EQUIPMENT SELECTED.
- PROVIDE 480V, 3P, 30A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE 25A FUSES.
- PROVIDE 480V, 3P, NEMA SIZE 00 COMBINATION STARTER IN NEMA 3R ENCLOSURE.
- PROVIDE GENERATOR. REFER TO SPECIFICATIONS SECTION 263213 FOR ADDITIONAL INFORMATION AND SCOPE OF WORK. REFER TO STANDBY GENERATOR SEQUENCE OF OPERATION. COORDINATE MOUNTING WITH ARCHITECT.
- PROVIDE GENERATOR REMOTE MANUAL STOP STATION. PROVIDE 1" CONDUIT AND CONDUCTORS TO GENERATOR FROM REMOTE MANUAL STOP STATION. PROVIDE IDENTIFICATION PLACARD.
- PROVIDE 120V, NEMA SIZE 0 COMBINATION STARTER IN NEMA 3R ENCLOSURE.
- PROVIDE 120V, 1P POWER CONNECTION FOR EQUIPMENT CONTROL, LIGHTING AND GFCI PROVIDED AND INSTALLED BY MANUFACTURER.
- PROVIDE 208V, 2P, 60A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. PROVIDE 35A FUSES.
- PROVIDE (3) #12 & (1) #12 GRD IN 3/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.
- PROVIDE (3) #12 & (1) #10 GRD IN 3/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.
- PROVIDE (2) #8 & (1) #8 GRD IN 3/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.
- PROVIDE (3) #3 & (1) #8 GRD IN 1-1/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.
- PROVIDE (3) #4 & (1) #8 GRD IN 1-1/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.
- CONNECT TO NORMAL LIGHTING CIRCUIT SUPPLYING ASSOCIATED STAIRWELL.
- PROVIDE 120V, 1P POWER CONNECTION FOR EQUIPMENT BATTERY CHARGER PROVIDED AND INSTALLED BY GENERATOR MANUFACTURER.
- PROVIDE 208V, 1P POWER CONNECTION FOR EQUIPMENT JACKET WATER HEATER PROVIDED AND INSTALLED BY GENERATOR MANUFACTURER.
- PROVIDE 120V, 1P POWER CONNECTION FOR EQUIPMENT CONVENIENCE OUTLET PROVIDED AND INSTALLED BY GENERATOR MANUFACTURER.
- PROVIDE (3) #10 & (1) #10 GRD IN 3/4" CONDUIT. PROVIDE FINAL CONNECTION TO MECHANICAL EQUIPMENT.



1 ROOF PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0"