



ELECTRICAL PLAN KEYNOTES:

- ① RTU-9: REMOVE EXISTING 60A-3P CB WITH 30A TRIP LOCATED IN PANEL "MNLSDP", SPACE 11. PROVIDE NEW 50A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-9. REMOVE EXISTING FEEDER FROM CIRCUIT BREAKER AND MAKE SAFE. PROVIDE NEW 3/8" & 1/16" IN EXISTING CONDUIT FROM 50A CB TO NEW ROOFTOP UNIT. CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH. PROVIDE ADDITIONAL 15A-3P CIRCUIT BREAKER IN PANEL "MNLSDP" FOR RTU-9 ENERGY WHEEL. PROVIDE NEW 3/4" CONDUIT FOR ENERGY WHEEL FEEDER AND RECONNECT EXISTING FEEDERS TO NEW 15A CIRCUIT BREAKER.
- ② RTU-22: REMOVE EXISTING 80A-3P CB LOCATED IN PANEL "MP18", SPACE 14/16/18. PROVIDE NEW 100A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-22. REMOVE EXISTING FEEDER AND REPLACE WITH 3/8" & 1/8". REUSE EXISTING CONDUIT. CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ③ RTU-24: REMOVE EXISTING 70A-3P CB LOCATED IN PANEL "HLG", SPACE 18/20/22. PROVIDE NEW 80A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-24. REUSE EXISTING FEEDER AND CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ④ RTU-25: DISCONNECT EXISTING FEEDER FROM RTU-25 AND MAKE SAFE FOR RECONNECTION TO NEW ROOFTOP UNIT. TURN CIRCUIT BREAKER 323436 IN PANEL "HPG" OFF AND TAG OUT UNTIL NEW ROOFTOP UNIT HAS BEEN INSTALLED. RECONNECT FEEDER TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ⑤ RTU-26: REMOVE EXISTING 150A-3P CB LOCATED IN PANEL "HPG", SPACE 43/45/47. PROVIDE NEW 100A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-26. REUSE EXISTING FEEDER AND CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ⑥ RTU-31: DISCONNECT EXISTING FEEDER FROM RTU-31 AND MAKE SAFE FOR RECONNECTION TO NEW ROOFTOP UNIT. TURN CIRCUIT BREAKER 192123 IN PANEL "MP18" OFF AND TAG OUT UNTIL NEW ROOFTOP UNIT HAS BEEN INSTALLED. RECONNECT FEEDER TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ⑦ RTU-32: REMOVE EXISTING 60A-3P CB LOCATED IN PANEL "HSPP", SPACE 22/24/26. PROVIDE NEW 70A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-32. REMOVE EXISTING FEEDER AND REPLACE WITH 3/4" & 1/8". REUSE EXISTING CONDUIT. CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ⑧ RTU-33: REMOVE EXISTING 150A-3P CB LOCATED IN PANEL "MP18", SPACE 43/45/47. PROVIDE NEW 125A-3P CIRCUIT BREAKER IN SAME LOCATION TO FEED NEW RTU-33. RECONNECT FEEDER TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH.
- ⑨ RTU-41: TURN OFF EXISTING 45A-3P CB LOCATED IN PANEL "C-1P-2", SPACE 7 AND LABEL AS "SPARE". DISCONNECT FEEDER AND ABANDON EXISTING CONDUIT AND WIRING IN PLACE. MAKE SAFE ON BOTH ENDS AND LABEL CONDUIT AS "SPARE-NOT IN USE". PROVIDE NEW 125A-3P CIRCUIT BREAKER IN PANEL "ML1" LOCATED IN ELEC. CLOS. 10 ON SECOND FLOOR TO FEED NEW RTU-41. CONNECT TO NEW ROOFTOP UNIT INTERNAL DISCONNECT SWITCH. NEW CONDUIT SHALL BE RUN ON EXTERIOR WALL OF COURTYARD ABOVE EXISTING CONDUIT FEEDING TRANSFORMER. ROUTE CONDUIT UP TO THIRD FLOOR AND ENTER BUILDING ABOVE THIRD FLOOR CEILING. ROUTE CONDUIT ABOVE CEILING TO NEW RTU-41 LOCATION AND TURN UP THROUGH ROOF TO DISCONNECT SWITCH. COORDINATE EXACT ROUTE OF CONDUIT WITH EXISTING CONDITIONS.

GENERAL NOTES:

- 1. ALL CONDUITS FOR NEW ROOFTOP UNITS SHALL BE RUN INSIDE NEW ROOF CURB TO INTERNAL DISCONNECT SWITCHES.
- 2. ELECTRICAL CONTRACTOR TO DISCONNECT SERVICE OUTLETS FROM UNITS AND MAKE SAFE FOR RECONNECTION ON NEW INTERNAL SERVICE OUTLET.
- 3. EXISTING DUCT SMOKE DETECTORS ARE TO BE REUSED. ANY ADDITIONAL WORK ON THE DETECTORS SHALL BE PERFORMED BY IMPACT FIRE.
- 4. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING M-400 FOR ADDITIONAL ELECTRICAL INFORMATION.
- 5. ALL NEW ROOFTOP UNITS TO HAVE PHENOLIC LABEL ATTACHED TO SERVICE PANEL INDICATING THE SOURCE PANEL AND CIRCUIT BREAKER NUMBERS.

Project Title:
 HVAC ROOFTOP UNIT REPLACEMENT:
 REGIONAL SCHOOL DISTRICT 10
 LEWIS S. MILLS HAR-BUR COMPLEX
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Revision	Description	Date	Revised By

Drawing Title:
 ELECTRICAL ROOFTOP POWER PLAN

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 1/8" = 1'-0"
 Drawn By:
 GK
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