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LOT SCALE - SCHOOL '7 EV.

DW. SPERSON TO BRUFFED VARIABILITY E.

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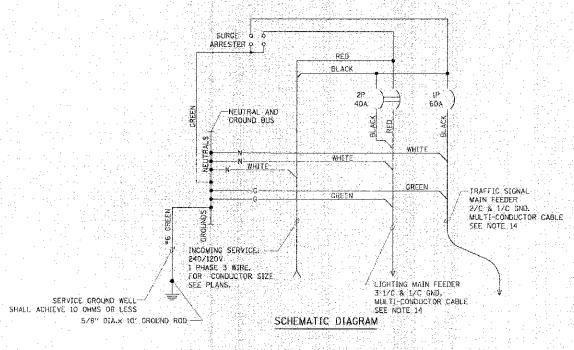
REVISED

## NOTES:

- 1. ELECTRIC SERVICE SHALL BE OF THE VOLTAGE INDICATED OR DESIGNATED BY THE ENGINEER, AND SERVICE OROP CABLE. SHALL BE COMPATIBLE WITH THE SERVICE ACCORDINGLY. SOME INSTALLATIONS MAY CALL FOR SERVICE ENTRANCE EQUIPMENT SUITABLE FOR 3-WIRE SERVICE EVEN THOUGH INITIALLY WIRED FOR 2-WIRE SERVICE.
- 2: THE POLE-MOUNTED ELECTRIC SERVICE BOX SHALL BE CONFIGURED AND FULLY EQUIPPED FOR 240/1269 3M SERVICE, COMPLETE WITH LIGHTING MAIN BREAKER AND TRAFFIC SIGNALS MAIN BREAKER AS REQUIRED.
- 3. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LISTED AS SULTABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT.
- 4. THE ELECTRIC SERVICE EQUIPMENT ENCLOSURE SHALL BE
  NEMA 4X STAINLESS STEEL, NOMINALLY 12" W 16"H X 8"0, WITH
  A PIANO-HINGED DOOR, STEEL BACK PANEL, FAST-ACTING
  STAINLESS STEEL ENCLOSURE CLAMPS, PADLOCK PROVISIONS,
  AND DOOR STOP, HOFFMAN CATALOG NO. A-16H1208SSGLP/A-16.
  P12/A-DSTOPK/C-PMK12, OR APPROVED EQUAL.
- CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 SYMMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK OUT? TAG
- 5. THE SURGE PROTECTOR SHALL SE SUITABLE FOR THE SERVICE VOLTAGE SINGLE PHASE 60HZ AC, WITH A SURGE ENERGY CAPABILITY OF 2160 JOILES OR BETTER AT 8/20 MICRO-SECONDS.

  RATED -40 TO 60 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE IM LISTED PER UL 1449, CUTLER-HAMMER CMOVZ30L065XST OR APPROVED EQUAL.

- 7. BUS BARS, CONNECTORS, AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED, AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC., THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS, OR THE ASSEMBLY SHALL BE A MANUFACTURED SPECIALTY PANELBOARD, CUILER HAMMER PRIZA, OR APPROVED FORM
- 8. THE COMBINATION GROUND AND NEUTRAL BAR SHALL BE
  CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTIONS
  AND SPARE TERMINALS AS INDICATED. THE HEADS OF GROUND SCREWS
  SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL
  BE PAINTED WHITE. THE SERVICE NEUTRAL AND SERVICE GROUNDING
  ELECTRODE CONDUCTOR SHALL BE TERMINATED ADJACENT TO EACH
  DIHER AT THE DIVIDE BETWEEN THE SECTIONS AND WIRING SHALL
  BE TERMINATED ONLY JEPON THE APPROPRIATE SECTION.
- THE WIRING TERMINALS, INCLUDING THE ORGUND/NEUTRAL BAR SHALL BE ARRANGED TO PROVIDE ADEQUATE ROOM FOR PERFORMING FIELD TERMINATIONS.
- 10. A PLASTIC LAMINATED LAYOUT AND CIRCUIT DIAGRAM SHALL BE MECHANICALLY SECURED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
- A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDIGATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.
- 12. LUGS AND CONNECTORS SHALL BE RATED FOR 75 C CONDUCTOR.
- 13. THE EXACT MOUNTING HEIGHT OF THE BOX SHALL BE FIELD DETERMINED TO AVOID OBSTRUCTIONS AND PUBLIC ACCESS. TYPICAL HEIGHT SHALL BE APPROXIMATELY 10 FEET ABOVE ORADE:



STATE OF ILLINOIS

STATE OF TRANSPORTATION

TEMPORARY LIGHTING AND TRAFFIC SIGNALS

FOR SINGLE LANE STAGING

SCALE: NONE SHEET NO. 3 OF 3 SHEETS I STA. TO STA.

TO STA.

TO STA.

SCALE: NONE SHEET NO. 3 OF 3 SHEETS I STA. TO STA.

TO STA.

TO STA.

SECTION COUNTY TOTAL SHEET NO. SHEETS I STA.

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CONTRACT # 63778