WHEN SPECIFICALLY NOTED, CONFIGURE END OF BUS FOR FUTURE EXTENSION TO ADDITIONAL SECTIONS.

ADDITIONAL SECTIONS AS NEEDED.

NOTES:

1. MEDIUM VOLTAGE "THRU" BUS
2. DISCONNECT SWITCH
3. BARRIERS TO COMPLETELY ISOLATE CABLE COMPARTMENT FROM MAIN BUS.
4. NON-METALLIC CABLE SUPPORT BRACKET
5. COMPRESSION LUGS FOR OVERHEAD OR BELOW GRADE CABLE CONNECTIONS (NEMA STANDARD 2 HOLE)
6. "BUS RUN BACK"
7. GROUND BUS, CONTINUOUS THROUGHOUT SUBSTATION.
8. KIRK KEY MAIN INTERLOCK
9. FIRE PUMP RATED TAP LUGS FOR CONNECTION TO A REMOTE DISCONNECT SWITCH FOR THE FIRE PUMP. TAP LUGS SHALL BE IN A DEDICATED, FULLY BARRIERED VERTICAL SECTION.
10. PHASING THROUGHOUT SHALL BE: X, Y, Z (A, B, C) LEFT TO RIGHT, TOP TO BOTTOM AND/OR FRONT TO BACK.
11. IF SECONDARY VOLTAGE IS GREATER THAN 208/120 VOLTS, PROVIDE CONTROL POWER TRANSFORMER (CPT) WITH PRIMARY AND SECONDARY FUSES.
12. IF SECONDARY VOLTAGE IS GREATER THAN 208/120 VOLTS, PROVIDE POTENTIAL TRANSFORMER FOR METERING WITH PRIMARY AND SECONDARY FUSES.
13. SEE SPECIFICATIONS FOR SPECIAL CT, AMMETER AND KWH METER REQUIREMENTS.

SINGLE ENDED SUBSTATION
ELECTRICAL ONE-LINE DIAGRAM

NO SCALE - REVERSE END-TO-END WHEN APPROPRIATE TO MATCH PLAN VIEW

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