



1. THIS ONE-LINE DIAGRAM SHOWS ONLY THAT EQUIPMENT WHICH IS DIRECTLY RELATED TO THE FUNCTIONING OF THE CONTINUOUS MEMBRANE FILTRATION SYSTEM. FOR ALL OTHER ELECTRICAL EQUIPMENT, REFER TO THE PANEL SCHEDULES ON DRAWINGS E-10 AND E-11.
2. ALL EQUIPMENT SHOWN IN LIGHTWEIGHT, DASHED LINES SHALL BE FURNISHED BY THE MEMBRANE FILTRATION CONTRACTOR. INSTALL MEMBRANE FILTRATION CONTRACTOR-FURNISHED EQUIPMENT, AND PROVIDE ALL OTHER EQUIPMENT AS SHOWN, INCLUDING LOCAL DISCONNECT SWITCHES, WHICH HAVE NOT BEEN SHOWN ON THE ONE-LINE DIAGRAM. PROVIDE ALL POWER AND INSTRUMENTATION AND CONTROL CONDUCTORS AND CONDUIT.
3. WHERE MOTOR STARTERS ARE PROVIDED IN THE MOTOR CONTROL CENTER, LOCAL DISCONNECT SWITCHES SHALL BE PROVIDED ADJACENT TO THE MOTOR. WHERE MOTOR STARTERS ARE PROVIDED ADJACENT TO THE MOTOR, STARTERS SHALL BE COMBINATION TYPE, WITH INTEGRAL DISCONNECT SWITCH.
4. FOR CONDUCTOR AND CONDUIT SIZES FOR ALL EQUIPMENT, REFER TO THE PANEL SCHEDULES ON DRAWINGS E-10 AND E-11.
5. THE AUTO-DRAIN VALVE CIRCUIT SHALL SUPPLY TWO WALL RECEPTACLE BOXES, AS SHOWN ON DRAWING E-7. PROVIDE ALL POWER CONDUCTORS, OUTLET BOXES, AND RECEPTABLES.

FILTRATION PROCESS SYSTEM ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

[illegible]