GENERAL NOTES:
NO FILTERED POWER IN SAME RACEWAY OR CONDUIT AS UNFILTERED POWER. MICROPROCESSORS ARE TO USE FILTERED POWER.

1. INSTALL NEW CONDUIT WITH CABLE (SEE 260519) TO TOP WIREWAY.
2. INSTALL NEW CONDUIT WITH THHN CABLE TO BOTTOM WIREWAY FOR FILTERED POWER.
3. INSTALL NEW CONDUIT WITH THHN CABLE TO BOTTOM WIREWAY FOR UNFILTERED POWER.
4. PROVIDE ADEQUATE WIREWAY LENGTH FOR FUTURE LCP CONNECTION.
5. INSTALL NEW 1-1/4" CONDUIT FROM TOP WIREWAY FOR 6300FE BELDEN CABLE TO FIELD DEVICES.
6. INSTALL NEW 3/4" CONDUIT WITH 3-#12 THHN CABLES FROM BOTTOM WIREWAY. CONTROL CONTRACTOR TO SOURCE 110V FROM LOCAL EMERGENCY DISTRIBUTION SUPPLY.
7. CABINET SIZE: CONTROL PANEL DEPTH WILL NOT BE MORE THAN 10" AND CONTROL PANEL WITH WIDTH OF 30" OR MORE, SHALL REQUIRE A DOUBLE DOOR.

LOW VOLTAGE (SEE 260519 FOR CABLE TYPE) (4x4) OR (6x6) WIREWAY - DEPENDING ON # OF I/O POINTS

1 1/4" CONDUIT
1 1/4" CONDUIT
1 1/2" CONDUIT
1 1/2" CONDUIT
7 CABINET SIZE

CONTROLLER

120V FILTER POWER

TECHNOLOGY SERVICES ETHERNET CONNECTION

LINE VOLTAGE CONDUIT

120V (THHN CABLE) 4x4 WIREWAY

FUSED DISC. SW. FOR ISOLATION TRANSFORMER

ISOLATION TRANSFORMER

DDC PANEL INSTALLATION DETAIL

NOT TO SCALE

23 09 23-04

DATE: November 1, 2018
Dwg. No.: 23 09 23-04