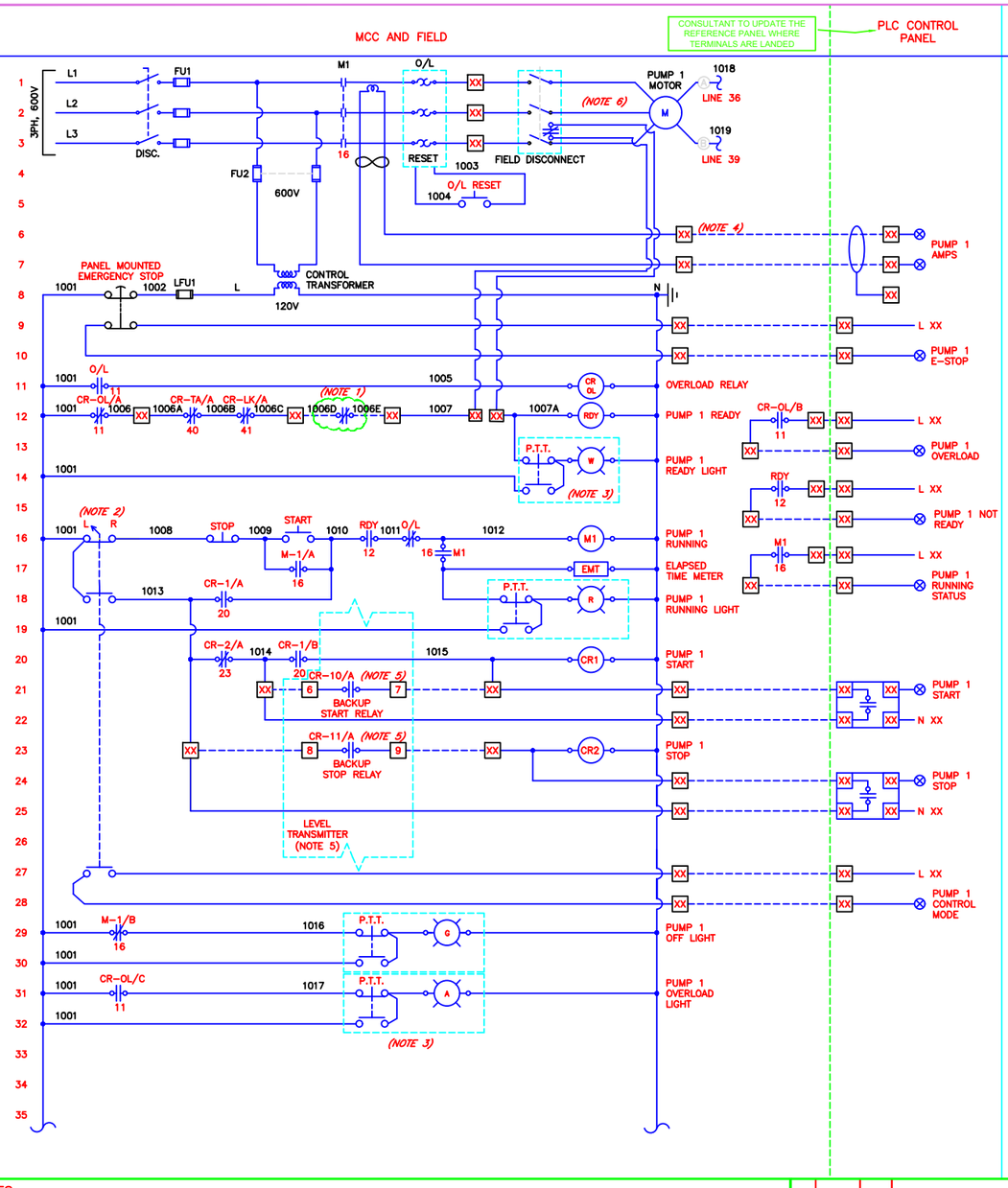

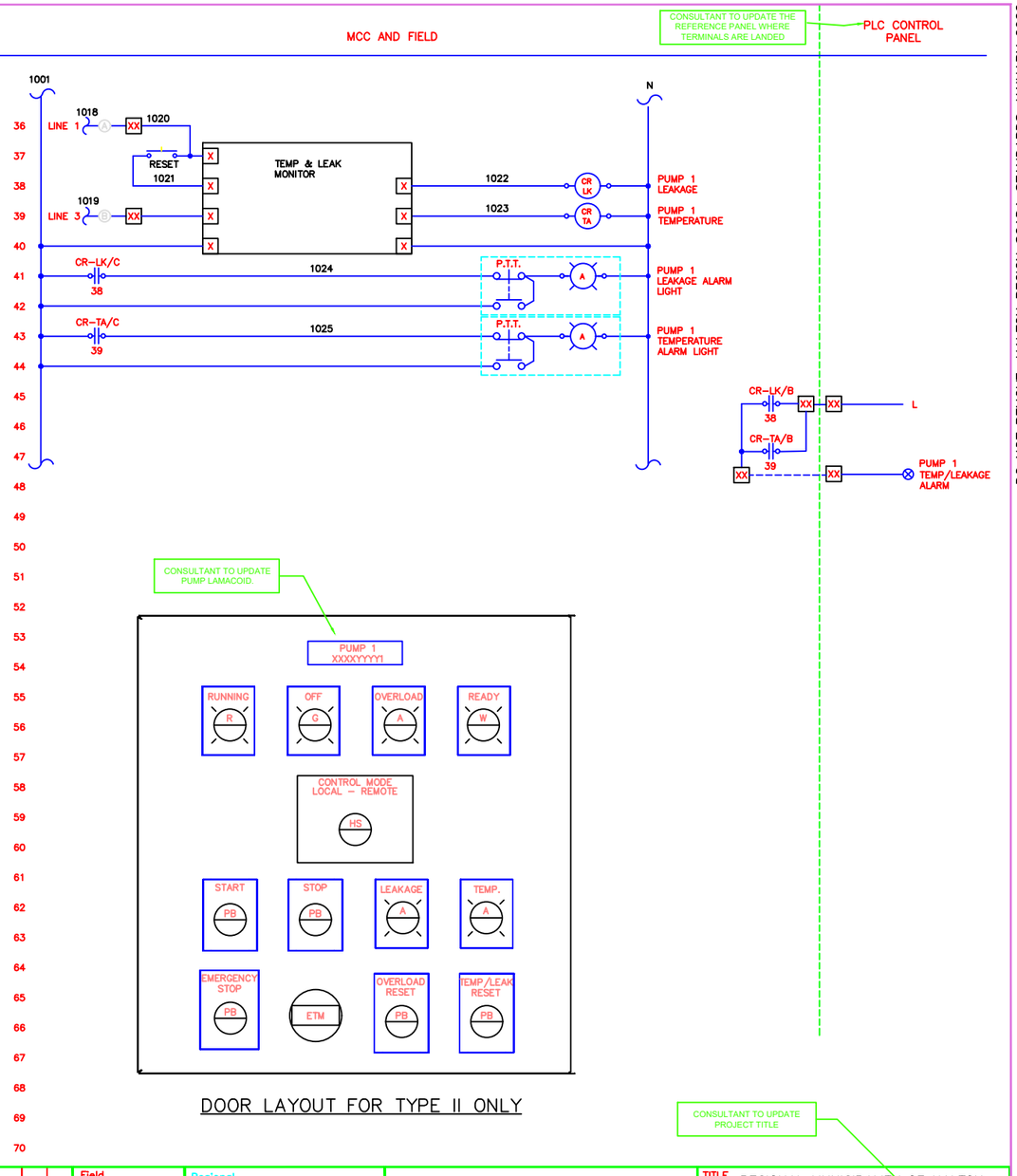

DOOR LAYOUT FOR TYPE II ONLY

DO NOT REMOVE: HALTON REGION SCADA STANDARDS JANUARY 2022

NOTES:

1. ALL HARD WIRED INTERLOCK TO BE IN SERIES WITH READY RELAY. ALL RELAY CONTACTS ARE TO BE WIRED SO THAT ANY ABNORMAL OR ALARM STATE WILL RESULT IN A DE-ENERGIZED READY RELAY.
2. L/R SWITCH IS 2 POSITION MAKE BEFORE BREAK.
3. ALL LIGHTS ARE PUSH TO TEST.
4. ALL TB# AND WIRE LABELS ARE SHOWN ON LOOP DRAWINGS.
5. RELAY IS ON BACKUP LEVEL CONTROL SCHEMATIC. UPDATE TB NUMBERS FOR SUBSEQUENT PUMP SCHEMATICS.
6. FIELD DISCONNECT TO INCORPORATE CONTACT THAT OPENS PRIOR TO OPENING OF DISCONNECT POWER BLADE. DISCONNECT CONTACT TO BE INTERLOCKED TO RDY CIRCUIT.

THESE DRAWINGS ARE TEMPLATE DRAWINGS

1. REMOVE THIS NOTE AS PART OF THE DESIGN PROCESS.
2. MODIFY THIS DRAWING AS DIRECTED IN THE SCADA STANDARDS.
3. ADD ADDITIONAL DETAILS AS REQUIRED TO MEET THE PROJECT SPECIAL REQUIREMENTS.
4. WHEN THE CONSULTANT DEVIATES FROM THIS TEMPLATE THEY ARE REQUIRED TO NOTIFY HALTON REGION THROUGH THE USE OF THE STANDARDS DEVIATION MEMO.
5. FUSED TERMINAL BLOCKS AND CIRCUIT BREAKERS TO BE SIZED APPROPRIATELY.
6. SHOW ADDITIONAL RIO RACKS (UP TO A MAXIMUM OF 2) ONLY IF NECESSARY BASED ON DESIGN REQUIREMENTS.
7. THE CONSULTANT IS TO SPECIFY SIGNAL ISOLATORS WHERE REQUIRED. FOLLOW MANUFACTURERS' SPECIFICATIONS FOR GROUNDING OF SHIELDS.

NO	Date	By	REVISIONS	MANU	CAD

Design	---	Ch'kd	---	Date
Drawn	---	Ch'kd	---	
Scale	N.T.S.			References

Field Notes

Stamp

Regional

ACCEPTED FOR CONSTRUCTION OF REGIONAL INFRASTRUCTURE

REVIEWED FOR COMPLIANCE WITH REGIONAL STANDARDS ONLY.

Director, Water & Wastewater Treatment

Manager, Plant Capital & Engineering

Halton REGION

CONSULTANT TO UPDATE PROJECT TITLE

TITLE

REGIONAL MUNICIPALITY OF HALTON
CONSULTANT PROJECT TITLE

PUMP 1 FVNR
WITH LEVEL CONTROL SCHEMATIC

Consultant File NO	Regional Drawing NO
---	---
CONTRACT NO	Drawing NO E802
---	SHEET XX OF XX

E802_Pump_1_FVNR_Control_Schematic.dwg