



NOTES:

- 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.
- L/R SWITCH IS 2 POSITION MAKE BEFORE BREAK.
- ALL LIGHTS ARE PUSH TO TEST.
- ALL TS# AND WIRE LABELS ARE SHOWN ON LOOP DRAWINGS.
- START AND STOP RELAYS TO BE UPDATED BASED UPON BACKUP CONTROL.
- RELAY IS ON BACKUP LEVEL CONTROL SCHEMATIC.
- 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

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

No	Date	By	REVISIONS	MAN/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

TITLE REGIONAL MUNICIPALITY OF HALTON
CONSULTANT PROJECT TITLE

PUMP 2 VFD WITH LEVEL CONTROL SCHEMATIC

Consultant File N ^o	Regional Drawing N ^o
CONTRACT N ^o	Drawing N ^o E803
	SHEET XX OF XX