



NOTES:

1. ALL HARD WIRED INTERLOCK TO BE IN SERIES WITH READY RELAY. ALL RELAY CONTACTS 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 TS# AND WIRE LABELS ARE SHOWN ON LOOP DRAWINGS.
5. START & STOP RELAYS TO BE UPDATED BASED UPON BACKUP CONTROL.
6. RELAY IS ON BACKUP LEVEL CONTROL SCHEMATIC.
7. 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 RIB 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.

REVISIONS				MAN/CAD	
NO	Date	By			
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



TITLE REGIONAL MUNICIPALITY OF HALTON CONSULTANT PROJECT TITLE	
PUMP 3 SOFT START WITH BYPASS AND BACK-UP CONTROL	
Consultant File NO	Regional Drawing NO
CONTRACT NO	Drawing NO E904
	SHEET XX OF XX