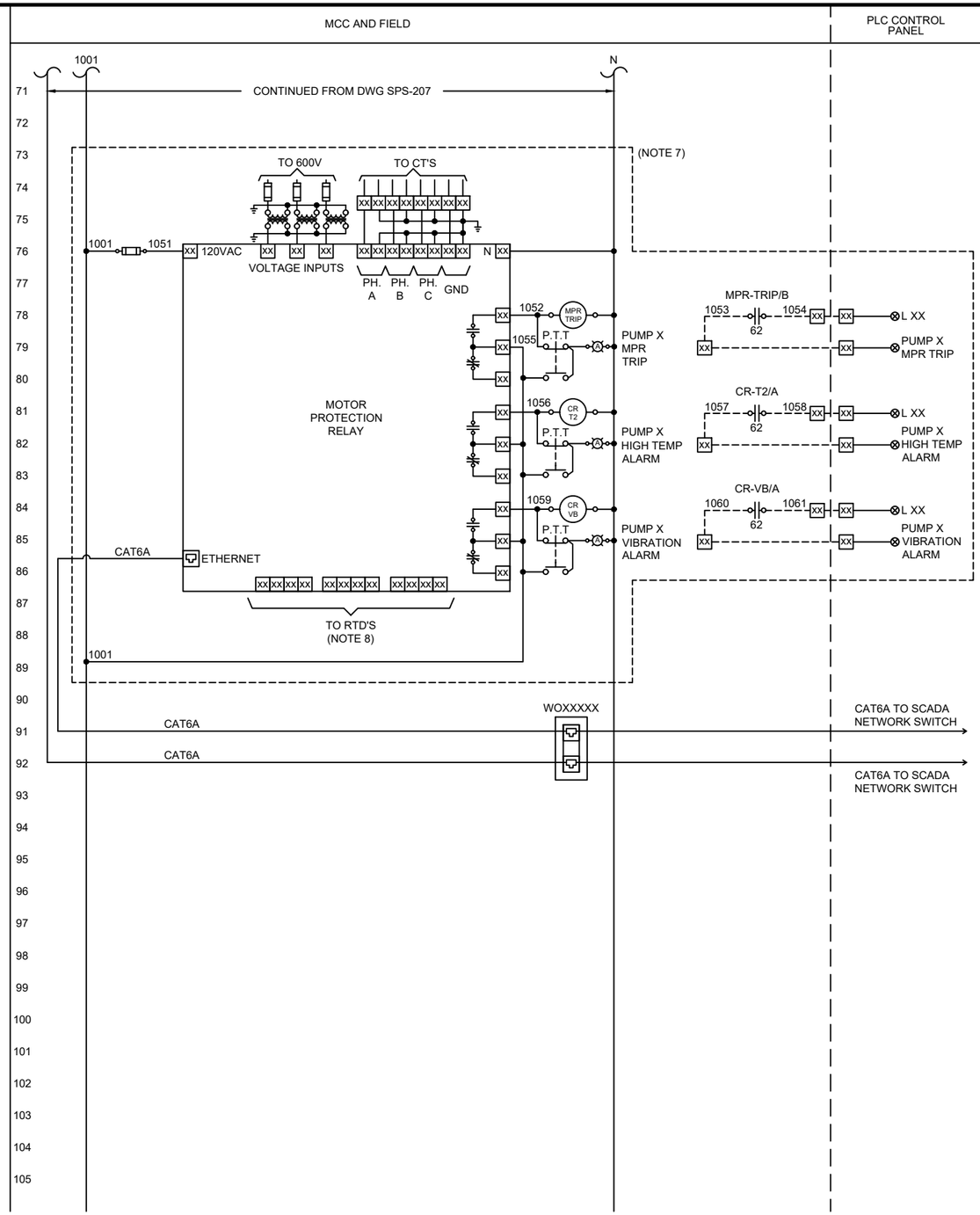

NOTES:

1. ALL TB# AND WIRE LABELS ARE SHOWN ON LOOP DRAWINGS.
2. ALL HARD WIRED INTERLOCK TO BE IN SERIES WITH GENERAL FAILURE RELAY. ALL INTERLOCKS ARE PROCESS FAIL SAFE. SITE SPECIFIC & FUTURE INPUTS & RELATED RELAYS. (TO BE JUMPERED IF NOT USED)
3. L/R SWITCH IS 2 POSITION MAKE BEFORE BREAK.
4. ALL LIGHTS ARE PUSH TO TEST.
5. RELAY IS ON BACKUP LEVEL CONTROL SCHEMATIC.
6. INCLUDE FOR SUBMERSIBLE PUMPS WITH TEMPERATURE AND LEAK DETECTION CAPABILITIES. FOR MOTORS LARGER THAN 30HP, WHERE PROTECTION MODULES ARE USED, ALL THERMAL PROTECTION IS TO BE DONE THROUGH MOTOR PROTECTION DEVICE; WHEN/IF POSSIBLE WIRE LEAKAGE SENSOR TO MOTOR PROTECTION RELAY.
7. INCLUDE FOR MOTORS GREATER THAN OR EQUAL TO 30HP. VIBRATION AND HIGH TEMPERATURE ALARMS TO BE HARDWIRED TO PLC AS TWO DIFFERENT SIGNALS.
8. ACTUAL NUMBER OF RTD'S TO SUIT SPECIFIC MOTOR.
9. THERMAL PROTECTION TO BE PROVIDED THROUGH MOTOR PROTECTION RELAY AND ASSOCIATED CR-T2 CONTROL RELAY. CR-T1 TO BE USED INSTEAD WHEN NO MOTOR PROTECTION RELAY IS PRESENT.
10. MOTOR PROTECTION AND LEAK DETECTION SYSTEM MUST NOT RELY ON ANY PLC/PROGRAMMABLE CONTROLLER.

Region of Peel
working with you

PUBLIC WORKS
STANDARD DRAWING

PUMP X SOFT STARTER CONTROL SCHEMATIC 2

REV. DATE: JULY 2021

APPROVED BY	DRAWN BY
TM	ERAMOSA
STD. DWG. NUMBER	SCALE
SPS-208	Not to Scale