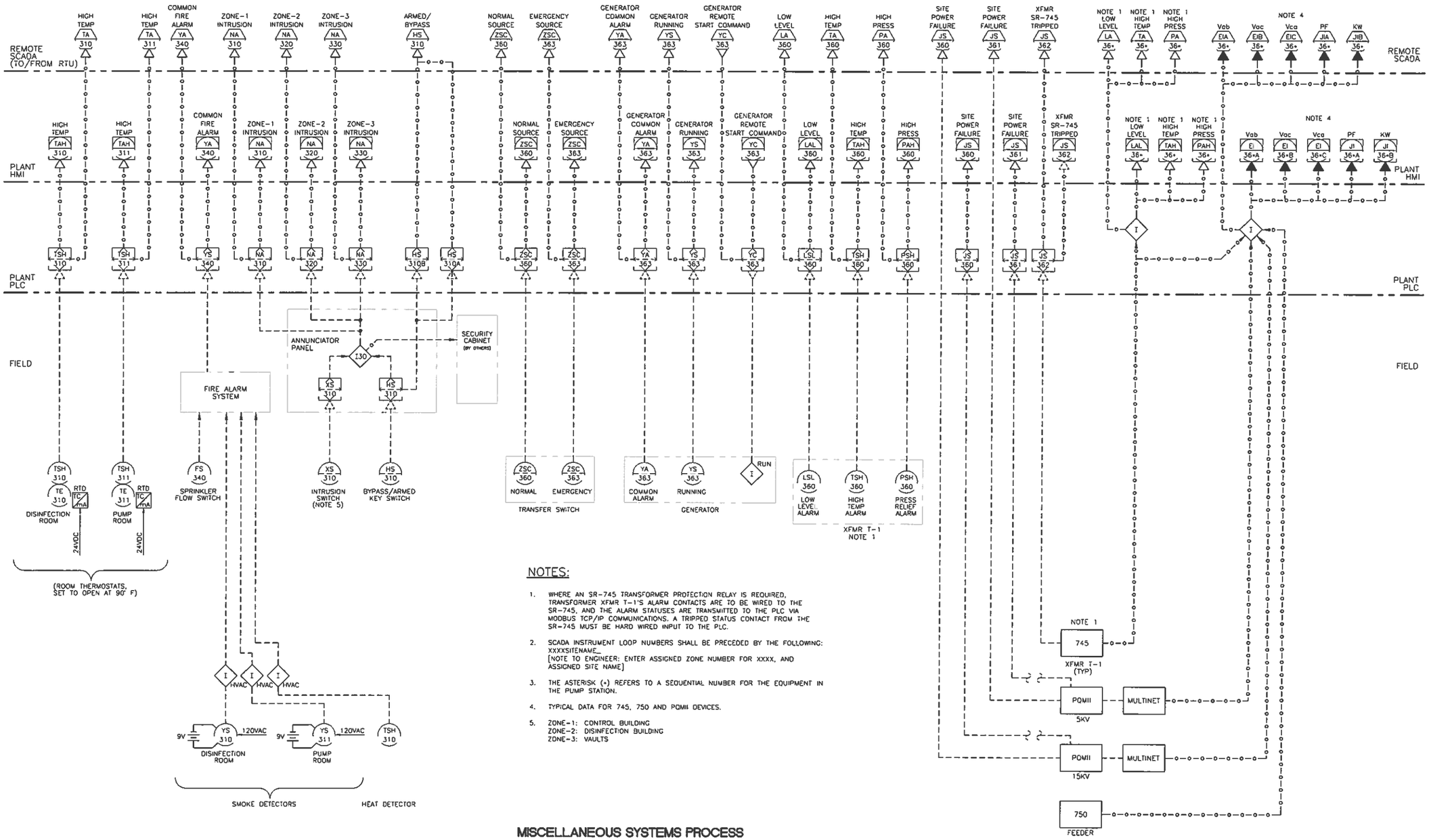

NOTES:

1. WHERE AN SR-745 TRANSFORMER PROTECTION RELAY IS REQUIRED, TRANSFORMER XFMR T-1'S ALARM CONTACTS ARE TO BE WIRED TO THE SR-745, AND THE ALARM STATUSES ARE TRANSMITTED TO THE PLC VIA MODBUS TCP/IP COMMUNICATIONS. A TRIPPED STATUS CONTACT FROM THE SR-745 MUST BE HARD WIRED INPUT TO THE PLC.
2. SCADA INSTRUMENT LOOP NUMBERS SHALL BE PRECEDED BY THE FOLLOWING: XXXXSITENAME_ [NOTE TO ENGINEER: ENTER ASSIGNED ZONE NUMBER FOR XXXX, AND ASSIGNED SITE NAME]
3. THE ASTERISK (*) REFERS TO A SEQUENTIAL NUMBER FOR THE EQUIPMENT IN THE PUMP STATION.
4. TYPICAL DATA FOR 745, 750 AND POMII DEVICES.
5. ZONE-1: CONTROL BUILDING
   ZONE-2: DISINFECTION BUILDING
   ZONE-3: VAULTS

MISCELLANEOUS SYSTEMS PROCESS AND INSTRUMENTATION DIAGRAM

NOT TO SCALE IT04-21 041707