INTEGRATION CONTROLLER PANEL LAYOUT
TYPICAL OF 1

120v SURGE PROTECTOR

PANEL BACKPLATE

JACE 8000

ETHERNET SWITCH

ENCLOSUER

DIN RAIL FOR EXPANSION

120V SURGE PROTECTOR
LOCATED IN PANEL

LOCAL SWITCH
LOCATED IN PANEL

POWER
SUPPLY

TO NEXT
DEVICE

TO NEXT
DEVICE

FIELD
DEVICE

FIELD
DEVICE

VYKON
by TRIDIUM

niagara

SEC   PRI

TO ARNeT

LAPTOP COMPUTER
LOCATION TO BE DETERMINED

ALL ETHERNET WIRE
WILL BE CAT-6E
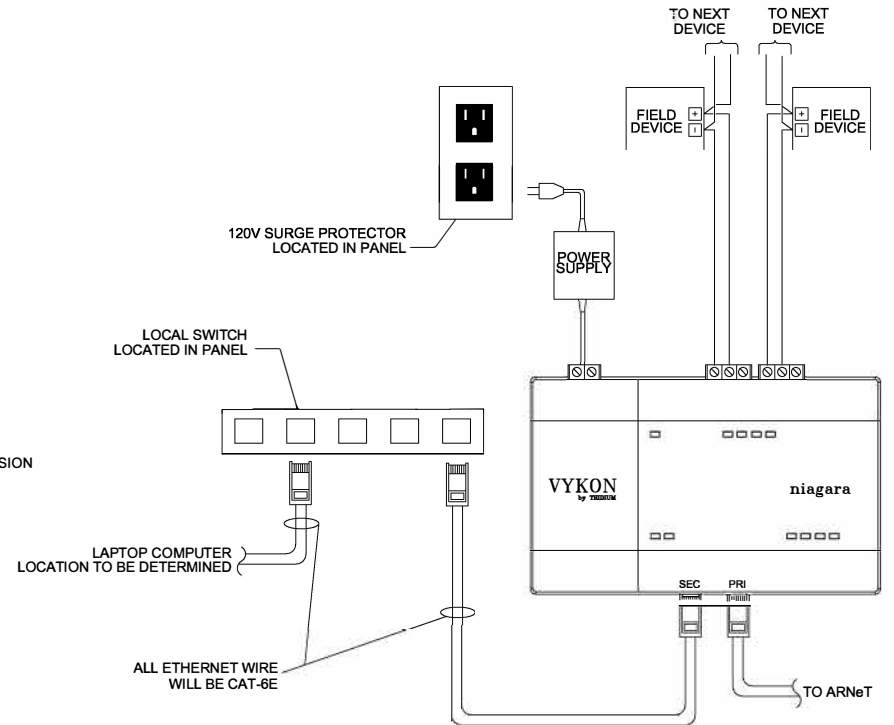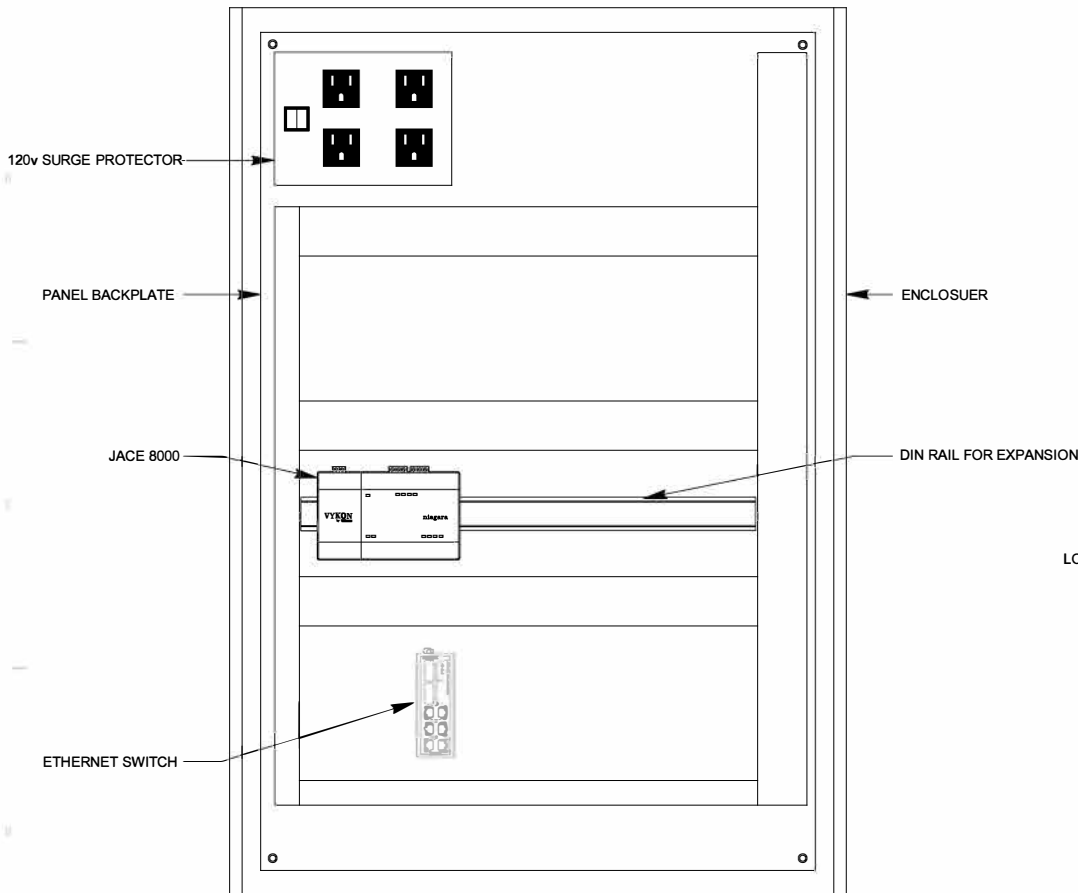
BILL OF MATERIALS			
ITEM	QTY	DISCRIPTION	PART NUMBER
AIE	1	JACE -800	
ENC	1	20X18X7 NEMA-1UL DARK BLUE PANEL	RET2018ULP-DB
LT-1	1	DELL LAPTOP	DELL LAPTOP
SP-1	1	SURGE PROTECTOR 4 OUTLET 120V	ISOBAR4ULTRA

1. Before Configuring the JACE-> Submission to the Installations Controls Program Manager (**Readiness Division POC**) of the facility specific JACE MAC address. serial number, and Qnx ID which will then be forwarded to USARC G6 to request a DHCP reservation for the ARNet.

2. Before Connecting the JACE to the ARNet. you must receive acknowledgement that the DHCP Reservation has been issued for the JACE

3. In the TCP/IP configuration page Comm 2 {en1} on the JACE needs to be configured with a standard static IP address and static Subnet Mask. Comm 2 must be used for all communication from the JACE to the HVAC and building controls. as well as for a controls laptop to be connected in the future for onsite diagnosis and interlace by controls contractors. (Please forward this IP and SM to the installation's. Controls Program Manager)

4. In the TCP/IP config page Comm 1 {en0} needs to be set for DHCPv4 Enabled. This will allow the ARNet router to identify the JACE, and then. based on the relationship of the MAC address in the USAR DHCP server, assign the IP address, Subnet mask. Default Gateway, DNS servers. and WINS servers to the JACE when connected to the ARNet. DHCPv6 must be disabled.

5. After TCP/IP configuration reboot the JACE. then connect the JACE to the ARNet.

6. Occasionally a second reboot is required to force the population of the TCP/IP config page Comm 1 DHCPv.4 data fields proving ARNet Connection.

7. Upon completion of JACE install and programming, please notify the Installation's Controls Program Manager that the JACE is presumed on line. and they will verify remote connectivity as quickly as possible.