

## Equipment Information

- Enclosure
  - Need a Dead Front Panel (something like SCE-DF7260 from Saginaw matched to enclosure size)
  - Estimated 72" Hx36" Wx24" D
  - Laptop Shelf
  - Drain
  - Breather
  - Fan package
  - Grills package
  - N4X Rain Hood
- SPD
  - Going to use DS42S-120/G, should be an approved equal for spec
- Control Relays
  - General Relays - Harmony RXM Series

Voltage	DPDT	3PDT	4PDT
24VDC	<u>RXM2AB2BD</u>	<u>RXM3AB2BD</u>	<u>RXM4AB2BD</u>
120VAC	<u>RXM2AB2F7</u>	<u>RXM3AB2F7</u>	<u>RXM4AB2F7</u>

- Timing Relay - 9050 JCK Plug-in Timers
  - 0-60 second adjustable time delay

Voltage	On-Delay	Off-Delay
120VAC	<u>9050JCK13V20</u>	<u>9050JCK23V20</u>

- Panel Light
  - Panel door light switch
  - 24VDC
  - 400 lumens
  - Going with Jasco 26741
    - Does this come with a switch to be door activated? Talk to Mike about how this usually works

### Heater with Thermostat

- Going to use same touch safe heater as the RVSS panel, going to ultimately depend on the size of the enclosure

- Maintenance Outlet
  - Simplex Receptacle (only type mentioned in the spec)
  - 120V GFCI
  - AB 1492-REC15G or approved equal
    - Going to submit for an approved equal. This is a duplex receptacle, so I am going to submit a duplex receptacle even though spec says simplex
  - Going to try this Hubbel GFRST15W
- PLC
  - Modicon M340H PLC Controller - BMXP342020H

- ▶ PLC Power Supply - BMXCPS3500H
- ▶ PLC Chassis - BMXXBP1200H
- ▶ Programming License - CEXSPUCZSGPAZZ
- ▶ Spart Parts:
  - 1 power supply
- PLC I/O
  - ▶ Digital Input Module - BMXDAI1614H
    - With BMXFTB4000 terminal block.
  - ▶ Digital Output Module - BMXDRA0815H
    - With BMXFTB2000 terminal block
  - ▶ Analog Input Module - BMXAMI081H
    - With BMXFTB2800 terminal block
  - ▶ Analog Output Module - BMXAMO0410H
    - With BMXFTB2000 terminal block
  - ▶ Spart Parts:
    - 1 of each module
- Panel Intrusion Switch
  - ▶ Need to talk to Mike about this
- Alarm Test Button
  - ▶ Pushbutton

Component	Model
Pushbutton Head	<u>9001SKR1B</u>
NO Contact	<u>9001KA2</u>
NC Contact	<u>9001KA3</u>

- 24V Power Supplies and Redundancy Module
  - ▶ Redundancy Module 2320157
  - ▶ Power Supply 2866776
- Cellular Modem
  - ▶ Actual modem provided by others?
  - ▶ Polyphaser Coaxial RF Surge Protector - IS-50NX-C2
    - Shown on Contract Drawing I-6
  - ▶ Antenna
    - Ventev T09060O10006HM
  - ▶ Cable
    - CommScope LDF4-50A
  - ▶ SMA Jumper Cable
    - Ventenv LMR195
- Network Switch
  - ▶ Moxa DS-408A Series
    - Not sure of exact configuration yet

- OIT
  - HMIDT752 display
  - HMIG2U base unit
  - VJDBTPRO3P Software License
- Digital Recorder
  - E+H RSG35-1C84/0
- Level Display
  - RIA452-C211A11A