Call Station
4800VS-3

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Description: The Area of Refuge Call Station (4800VS-3) will initiate a call at the Base Station(s) (A-4800BS) when the red mushroom button is pressed. If the call is not answered on site after a preprogrammed amount of time has elapsed, the Main System (SCM-4825) will call off site to a pre-programmed emergency number (Outside Monitoring not Included).

Operation: Pressing the Mushroom Button (or Flush Button) will activate a call to all Base Station phones, and if not answered, can forward the call to an outside monitoring location. The pushbutton LED begins to flash when activated, and an audible message plays providing notification of the status of their request for help call to the caller. The call station will be connected with 2-way full duplex communication when a call is answered by any Master/Remote Base Station phone or a 24/7 attended monitoring location.
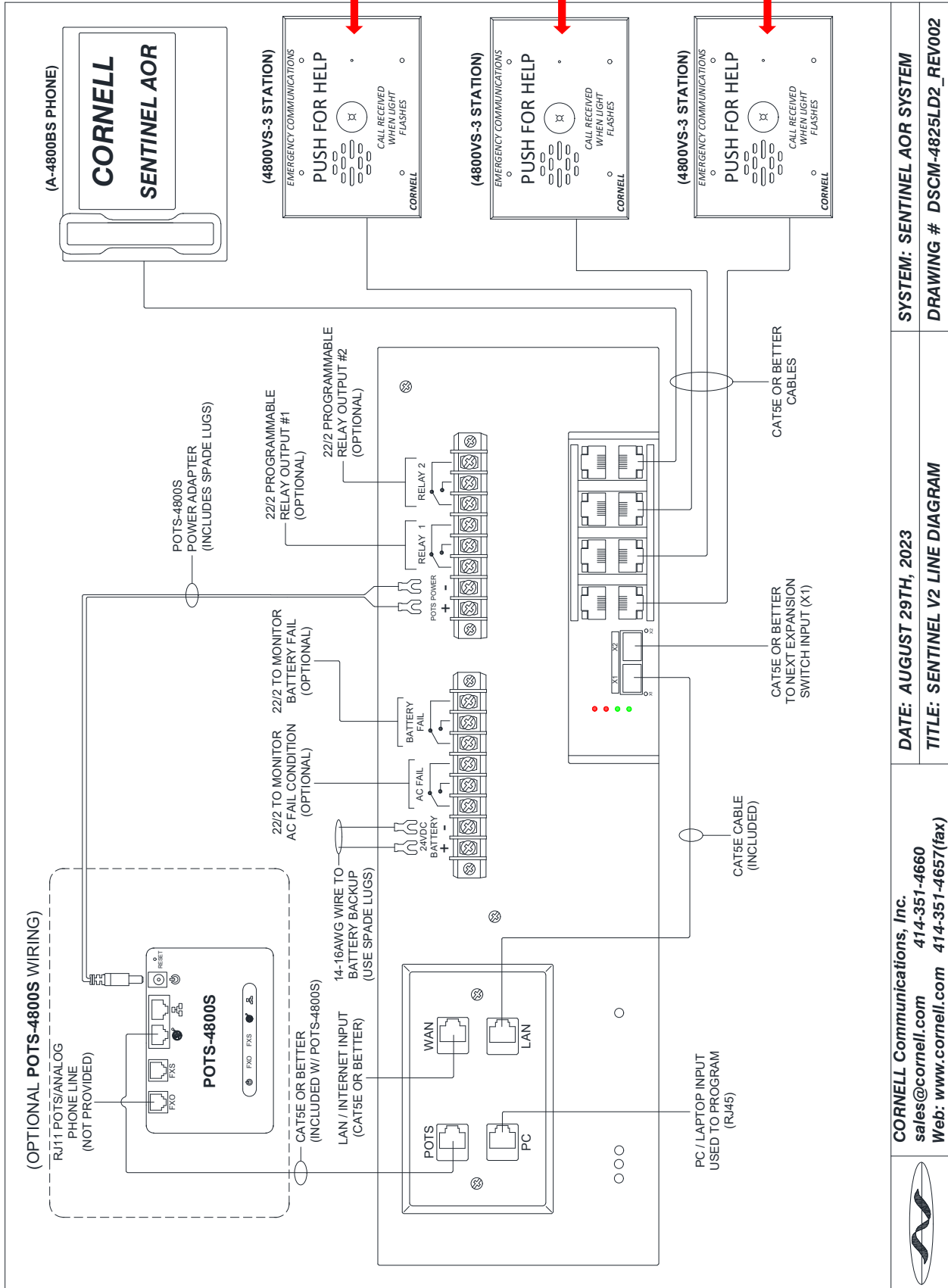
Mounting: It is required that each Call Station be mounted in a 3-gang electrical back box (minimum of 2.5" deep). Call Stations connect to the Main System or Expansion Module using an RJ45 connector and Cat5e (or better) cable.

Optional: Flush Button in replacement of Mushroom Button available upon request. Custom systems and systems larger than 500 are possible - contact Cornell for pricing and availability.

Engineering Specifications: The contractor shall furnish and install the CORNELL 4800VS-3 Call Stations as indicated on the plans. Faceplates shall be satin-finished aluminum with silk-screened designations. The activation button shall be via a Red Mushroom Pushbutton (Flush Mount Button Optional Replacement) with an integral LED indicator. Stations shall be mounted in a 3-gang electrical back box (minimum 2.5" deep).

Technical Information:

- Power Requirements: PoE Only (draws .05A / 50mA standby | .10A / 100mA active)
- Operating Environment: -4°F ~ 122°F
- Physical Faceplate: 6.37" x 4.49" (3 Gang); Satin-finished aluminum
- Call Button Momentary (normally open) Mushroom button; push-to-call with LED Indicator
- Mounting: Mounting Flush mount in 3-Gang box (min. 2.5" deep)
- Wiring: Cat5e (or better) Ethernet cabling is required for connections between Main System, Base Station(s), Expansion Module(s) and Call Stations. Maximum cable length of 100m/328ft when using premium wire and doing a clean installation. Interference from other cables and building construction may lower this distance.

(A-4800BS PHONE)

CORNELL
SENTINEL AOR

(4800VS-3 STATION)
EMERGENCY COMMUNICATIONS
PUSH FOR HELP
CALL RECEIVED WHEN LIGHT FLASHES
CORNELL

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CAT5E OR BETTER CABLES

CAT5E OR BETTER TO NEXT EXPANSION SWITCH INPUT (X1)

POTS-4800S POWER ADAPTER (INCLUDES SPADE LUGS)

22/2 PROGRAMMABLE RELAY OUTPUT #1 (OPTIONAL)

22/2 PROGRAMMABLE RELAY OUTPUT #2 (OPTIONAL)

RELAY 2
RELAY 1

POTS POWER − +

22/2 TO MONITOR BATTERY FAIL (OPTIONAL)

22/2 TO MONITOR AC FAIL CONDITION (OPTIONAL)

BATTERY FAIL

AC FAIL

14-16AWG WIRE TO BATTERY BACKUP (USE SPADE LUGS)

24VDC BATTERY − +

CAT5E CABLE (INCLUDED)

(OPTIONAL POTS-4800S WIRING)

RJ11 POTS/ANALOG PHONE LINE (NOT PROVIDED)

RESET

POTS-4800S
FXO FXS
FXO FXS

CAT5E OR BETTER (INCLUDED W/ POTS-4800S)

LAN / INTERNET INPUT (CAT5E OR BETTER)

WAN
LAN

POTS
PC

PC / LAPTOP INPUT USED TO PROGRAM (RJ45)