Riser Diagram for AOR-32

LOC 32

Call Station
(Model ETP-110E)

LOC 31

Call Station
(Model ETP-110E)

...

Call Station
(Model ETP-110E)

LOC 3

Call Station
(Model ETP-110E)

LOC 2

Call Station
(Model ETP-110E)

LOC 1

Call Station
(Model ETP-110E)
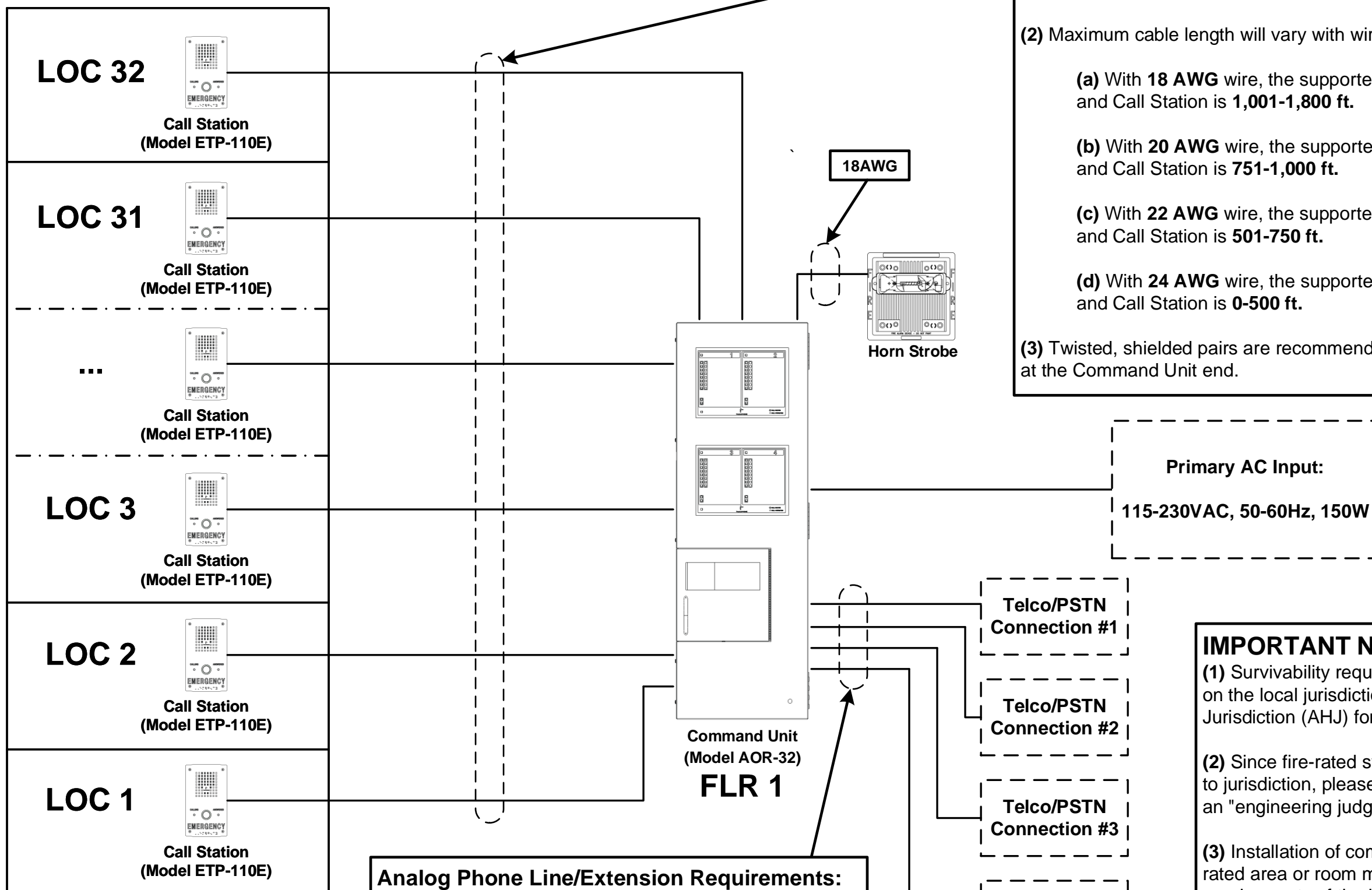
18AWG

Horn Strobe

**Command Unit
(Model AOR-32)**

FLR 1

Wiring Specifications for Each Call Station:

(1) Maximum impedance of **25 Ohms** between Command Unit and ETP-110E Call Station.

(2) Maximum cable length will vary with wire gauge.

    (a) With **18 AWG** wire, the supported distance range between Command Unit and Call Station is **1,001-1,800 ft.**

    (b) With **20 AWG** wire, the supported distance range between Command Unit and Call Station is **751-1,000 ft.**

    (c) With **22 AWG** wire, the supported distance range between Command Unit and Call Station is **501-750 ft.**

    (d) With **24 AWG** wire, the supported distance range between Command Unit and Call Station is **0-500 ft.**

(3) Twisted, shielded pairs are recommended with the shield connected to earth ground at the Command Unit end.

Primary AC Input:

115-230VAC, 50-60Hz, 150W

Telco/PSTN Connection #1

Telco/PSTN Connection #2

Telco/PSTN Connection #3

Telco/PSTN Connection #4

IMPORTANT NOTE:

(1) Survivability requirements and regulations may vary depending on the local jurisdiction. Please contact your Authority Having Jurisdiction (AHJ) for further details.

(2) Since fire-rated system requirements can vary from jurisdiction to jurisdiction, please approach a third-party firestop company for an "engineering judgment" or "firestop EJ".

(3) Installation of components of the AOR-32 system into a fire-rated area or room may be required depending on the requirements of the jurisdiction.

Analog Phone Line/Extension Requirements:

(1) Minimum of 24V, 20 mA off-hook (no current is drawn on-hook)
(2) Analog phone line/extension should provide either a disconnect pulse (voltage drop at end of call) or 30-seconds of silence after hang-up (no re-order or howler feature).
(3) There must be no special features (e.g., hook flash, call waiting, auto-redial when busy, voicemail, etc.). The analog phone line/extension must be feature free.

TALKAPHONE