Wiring Specifications for Each Call Station: Riser Diagram for 32-Station Area of Refuge Systems (A) Maximum cable length will vary with wire gauge. (1) With 18 AWG wire, the supported distance range between Command Unit and Call Station is 2,501-3,500 ft. LOC 32 TOT (2) With 20 AWG wire, the supported distance range between Command Unit and Call Station is 1,501-2,500 ft. Call Station (Model HON-AOR-CSE-*) (3) With 22 AWG wire, the supported distance range between Command Unit 18AWG and Call Station is 1,001-1,500 ft. LOC 31 -0-(4) With 24 AWG wire, the supported distance range between Command Unit emergency and Call Station is **0-1.000 ft. Call Station** (Model HON-AOR-CSE-*) (B) Twisted, shielded pairs are recommended with the shield connected to earth ground at the Command Unit end. **Horn Strobe** ·0-EMERGENCY **Primary AC Input: Call Station** (Model HON-AOR-CSE-*) 120 or 240VAC, 50-60Hz, 240W LOC 3 -0-**Telco/PSTN Connection #1 Call Station Through Cellular Gateway** (Model HON-AOR-CSE-*) (Model HON-AOR-CGW-*) LOC 2 **Telco/PSTN Connection #2** EMERGENCY **Through Cellular Gateway** (Model HON-AOR-CGW-*) **Call Station** (Model HON-AOR-CSE-*) **Command Unit IMPORTANT NOTE:** (Model HON-AOR-32*) **Telco/PSTN Connection #3** (A) Survivability requirements and regulations may vary depending on the local FLR 1 LOC₁ **Through Cellular Gateway** jurisdiction. Please contact your Authority Having Jurisdiction (AHJ) for further -0-(Model HON-AOR-CGW-*) details. EMERGENCY Analog Phone Line/Extension Requirements: **Call Station (B)** Since fire-rated system requirements can vary from jurisdiction to jurisdiction, (Model HON-AOR-CSE-*) (A) Minimum of 24V talk battery and 20 mA off-hook loop current **Telco/PSTN Connection #4 (B)** Analog phone line/extension should provide either a CPC (Calling Party Control) please approach a third-party firestop company for an "engineering judgment" or **Through Cellular Gateway** disconnect pulse (voltage drop at end of call) or 30-seconds of silence after hang-up (no

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busy, voicemail, etc.). The analog phone line/extension must be feature free.

(C) There must be no special features (e.g., hook flash, call waiting, auto-redial when

re-order or howler feature).

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(C) Installation of components of the system into a fire-rated area or room may be

required depending on the requirements of the jurisdiction.

"firestop EJ".

(Model HON-AOR-CGW-*)

Talk-A-Phone, LLC

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