Architect and Engineer Specification

Model 297-001 Flush Mount Emergency Telephone

The phone shall operate on a standard analog phone line. It shall be solely powered from the phone line and does not require a battery or external power source. The phone shall be rated for outdoor installation. The phone shall be auto-dial operation and automatically answer incoming calls.

Calls shall be initiated by using the **HELP** button. The button shall always override all other operations. When the call is connected, communication shall be hands-free, speakerphone operation. The phone shall be compliant to Americans with Disabilities Act (ADA) and provide the following features:

- Visual indicator when call is received
- Phone location identification
- Call disconnect control from the called party
- The **HELP** push-button shall be equipped with a large red "palm" button for easy activation and contain a Braille label. Push-buttons that do not provide a tactile feel when activated will not be acceptable.

Speaker volume sensitivity level shall be adjustable. The phone shall provide an auxiliary switch for activation of peripheral equipment when emergency calls are in progress.

The phone shall store three telephone numbers associated with the **HELP** button. If the first number dialed is busy or does not answer, the second and third numbers shall be dialed as required. The phone shall attempt to call each number three times.

The phone shall contain a microprocessor and non-volatile memory for storage of its programmable parameters. A password protection feature shall be owner configurable to prevent unauthorized programming. The phone shall be capable of local and remote programming. Local programming shall be accomplished using a portable keypad assembly. Remote programming shall be accomplished by calling from another telephone, then using DTMF tones. The phone shall have the following standard features:

- Auto-dial Numbers (24 digit capacity)
- Password (4 digits)
- Telephone line disconnect method (loop current, push-button, time-out, or dial tone)
- Silent Monitoring Feature (on/off)
- Local audible ringing (on/off)
- ADA Features (on/off; phone ID - 3digits).

The phone shall be weatherproof rated NEMA 3R with an operating temperature range of –40°C to +60°C and relative humidity to 95% non-condensing. The phone shall be a flush mount design with 12x10" (HxW) 14 gauge stainless steel faceplate and a 10x7.6x4" (HxWxD) #16 gauge cold rolled steel back-box. A protective inner screen shall cover microphone and speaker openings on the front panel. All mounting hardware shall be tamper-resistant.

The phone shall be designed and developed by the manufacturer.

Telephone manufacturer shall be ISO 9001 Certified.

Phone shall be registered under FCC Regulations, 47CFR, part 68 and comply with UL/CSA 60950

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Telephone shall be manufactured by **GAI-Tronics Corporation as Model 297-001.**