

SECTION 10 17 00

TELEPHONE SPECIALTIES

This section includes Emergency Blue Light Phones, Access Phones, Area of Rescue Phones

PART 1 – DESIGN DIRECTIVES

1.1 DESIGN CRITERIA

- A. Blue light emergency phones shall be wall mounted or free standing, as determined by the Project Manager via the design group meetings in the locations determined by the group.
- B. All free-standing units shall be ADA accessible.
- C. Design consultant shall contact and coordinate with Dartmouth College Network Services for all telephone specialties including – Emergency Blue Phones, Access Control phones, Area of Rescue phones.
- D. Area of Rescue phones for Dartmouth College buildings shall be VOIP phones (as specified in this section), connected directly to Dartmouth College Campus Network. Phones dial directly to Dartmouth College Safety and Security and to 911.
- E. Buildings equipped with access control systems shall have at least one door, typically the primary use door, equipped with an access phone.
- F. All integral lamping shall be LED.

PART 2 – PRODUCTS

2.1 BLUE LIGHT SECURITY PHONES

- A. All Blue Light Emergency phones shall be factory pre-finished in gloss black with the graphic, 'EMERGENCY' in white reflective letters.
- B. Blue light emergency phones shall be manufactured by Talk-A-Phone.
- C. Tower Blue Light Emergency Phone:
 - 1. Talk-A-Phone Tower Model ETP-MT. Black, White lettering "EMERGENCY", 120V.
- D. Wall mount Blue Light Emergency Phone:
 - 1. Talk-A-Phone Wallmount Model ETP-WM. Stainless Steel, Red lettering "EMERGENCY", 120V.

2.2 ACCESS CONTROL PHONES

- A. Wall mount units:
 - 1. Exterior Hooded Surface Mount box for Access Control Phones:
 - a. Talk-A-Phone ETP-SMH-1, Black color, no wording/graphics.
 - 2. Flush mount recessed back box for Access Control Phones:
 - a. Talk-A-Phone MS-600.

2.3 AREA OF RESCUE PHONES

- A. Wall mount units:
 - 1. Interior Surface Mount box for Area of Rescue Phones: Talk-A-Phone ETP-SM-1-SS, Stainless steel color, graphics (TBD by architect).
 - 2. Flush mount recessed back box for Area of Rescue Phones:
 - a. Talk-A-Phone MS-600.

PART 3 – EXECUTION

3.1 EMERGENCY PHONES, ACCESS PHONES, AREA OF RESCUE PHONES

- A. Dartmouth College Network Services shall furnish and install all faceplate phone units. Contractor and/or Project Manager shall contact Network Services for coordination and planning of installation.
 - 1. For reference only, phone models are:
 - a. Emergency phone, button only – Talk-a-Phone VOIP 500 E
 - b. Emergency phone, keypad only – Talk-a-Phone VOIP 500 K
 - c. Emergency phone, button and keypad – Talk-a-Phone VOIP 500 ECK
- B. Contractor shall provide towers, surface and/or recessed back boxes, and network cables, power (for blue light emergency towers and wall mounts), conduit, concrete pedestals.
- C. Refer to Dartmouth College Network Services standards and specifications for network cable, terminations, etc.

3.2 FREESTANDING BLUE LIGHT SECURITY PHONES

- A. Refer to DC Standards, MISCELLANEOUS SITE IMPROVEMENTS, for installation and mounting details, concrete base details.
- B. Units shall have stainless steel anchor bolts, nuts, and washers.
- C. Units shall be held up 1" above the concrete.
- D. Terminate power wiring within the unit in a 2 x 3 waterproof handy-box.

3.3 WALL MOUNTED ACCESS CONTROL PHONES

- A. Surface mounted phone shall be black in color and do not have graphics.

3.4 APPLICATIONS:

- A. Install the Emergency/Information Phone Buttons and Keypad Tower unit in parking lot areas. Install the Emergency Phone Button Only, Tower unit in all other areas.

END OF SECTION 10 17 00