Public Safety

A. Blue Phones

Blue Phones are to be provided and installed by UA. Contractor to prepare area for installation. The new Ramtel Blue Phones have two LED modules on top. When a call is initiated, one of the modules flashes until the call is ended. Note: only the dispatcher can terminate a call.

Blue Phones are available in two voltages and Electrical Engineer shall clearly indicate voltage to be used. UA to determine location and quantity of Blue Phones. See details in the Design Guidelines Section IV Standard Drawings. Refer to Section V Photographs of typical Blue Phone Installation.

The blue phones shall meet the following specifications:

1. **Stainless Steel Columns** (Column includes a built in LED High Powered Area, strobe Light & Light over phone panel.)
   - PLC-8: 11” square with radium corners
     Powder Coated in Safety Blue with White “Emergency” Lettering
     Drill & Plug for future optional camera bracket
   - “J” Bolts and template (500-1179)

   **Options:**
   - Camera Mount Bracket 800-1127
   - Powder Coated in Safety Blue to match column
   - 227V Step down transformer installed in column

2. **One Button Phone Model**
   - RR733 (installed in column) Special Drilling Button on Left
   - Custom Silk Screened Phone Panels 2 colors

   **Phone Options:**
   - Surge Arrestor (800-1018)

   **NOTE:** Back Boxes are included with phones to protect electronics from moisture and condensation

B. Security Booth

The Designer shall verify with UA Project Manager to determine the need, and location of the pre-engineered Security Booth. See Section IV for Standard Drawings for Designers information. Refer to Section V photographs of typical Security Booth installation.
C. Campus PA System and Fire Alarm

All buildings and projects shall be provided with a Campus PA System which shall be provided through the fire alarm system. Designer shall edit the specifications for new construction. Designer shall contact UA for detailed info.

D. Automated External Defibrillator (AED)

The Designer shall contact UA for quantity, requirements and locations of AED. No external power is required for this unit.

We are currently using—Cardiac Science Powerheart AED G3 Plus. The units include a carrying case with a small utility bag (scissors, shave kit, etc.). The below link shows a fully recessed alarm cabinet.


Note: We do not want a unit with a red light on top or on the side of the cabinet like the surface mounts have.

E. Storm Shelter Areas

All new construction shall be reviewed by UA for appropriate areas to locate storm shelter suitable to accommodate the occupancy capacity of the building. Preferred locations are areas isolated by interior walls (i.e. corridors, lecture halls, etc.) and isolated from possibility of wind and debris.

F. Lockable Manhole Covers

All manholes that contain wiring for the campus network should have lockable manhole covers.

There may be other manholes that are required to have lockable manhole covers, the Designer shall consult with the appropriate University Department to verify any other manholes that require lockable manhole covers.

All Handholes that are required to be locked should use the LockDown, Inc. LockOut Security Device and all Manholes that are required to be locked should use the LockDown, Inc. LockDown Security Device.
G. Digital Signage

- All new construction or major renovations shall include digital signage.
- Signage shall be installed landscape and not portrait orientation.
- “VISIX” Digital Signage Software is the current UA Standard.
- These signs are also used as a secondary means of notification in case of emergency. If building has the capacity, it is ideal for signs to be on backup generator.
- Every sign gets a minimum of one 15 amp power outlet and two network drops.
- Two outlet boxes with one ¾” conduit from each box to an accessible ceiling area will be required.
- Blocking shall be provided in walls to accommodate weight of signage.
- Wood blocking is preferred.
- Non-interactive signage is to be placed high enough to be visible above heads (92” center if space allows).
- Interactive signage must be installed to meet current ADA Standards.
- Touch screen units are deeper than allowable by code so a recessed application or other accommodations must be made.
- Good visibility of signage is ideal, so keep this in mind while designing entries.
- Designer shall contact UA for location & quantity if signage.

H. Generators

If building doesn’t currently call for a generator, prewire to access portable generator. Residence Halls need to require a generator. Coordinate with UA to determine what systems are to be served by emergency power. At a minimum, fire alarm systems and egress lighting shall be included.

I. UAPD Communication Repeater

Designer shall contact UA for implementation of a communication repeater in new construction and renovations.