FACILITIES BUILDING STANDARDS

Section 28 0000
Electronic Safety and   **Security**   **Update 08/18/2020**

Fire Alarm

1. Use remote indicator for all concealed initiating devices.
2. Contractor shall provide Shands with differential pressure reading for each duct detector.
3. Each notification appliance shall have a unique number to identify the device (must follow Shands standard) and be attached to the device with at least 1/4" lettering.
4. Each initiating device and module shall have a unique number to identify the device (must follow Shands standard) and be attached to the device with at least 1/4" lettering.
5. Fire alarm junction boxes, covers and conduit shall be painted red.
6. Use Silent Night DACT.
7. Non-addressable fire alarm system shall be Silent Night.
8. Addressable fire alarm system shall be Notifier.
9. Refer to the following page for requirements on communications and maintaining the master alarm list for all new construction and renovation projects.
10. Smoke detectors shall be installed in all attending/resident sleep rooms, connected to building fire alarm system.
11. No dual modules or mini mods shall be used.
12. Each sprinkler tamper or flow shall be monitored by one device. no sharing of monitoring devices.

Maintaining the Fire Alarm Master Device List

1. The fire alarm master device list shall be maintained and current with accurate device counts at all times as required by The Joint Commission and AHCA.
2. The Shands Electronics (ETRO) shop will coordinate the master device maintenance list with the Project Manager and Contractor; refer to Guideline.
3. The Shands Electronics shop will provide a current master device list to the contractor.
4. The contractor shall note any modifications on the spreadsheet provided at the time the change is made.
5. The fire alarm master device list will be on-site at all times for review.
6. At the end of the project, the modified fire alarm master device list will be returned to the electronics shop. The electronics shop will then record changes on the master device list for TJC and AHCA.

Access Control

1. Refer to 08 000 section for additional door/hardware information.
2. Locations for access control doors shall be project-specific; coordinate with Shands.

In general, the types of locking systems in use at UF Health fall into three categories:

1. PIN punch locks
2. Mechanical keying
3. Fob based access control

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PIN punch locks are the lowest level of security. They are used for simple separation of visitors and staff areas which require large numbers of staff to access. These areas require no alarming and no tracking of access. Examples: Employee lounges, locker rooms, clean/soiled holding rooms, areas with a large number of staff needing access but that have no sensitive information or controlled/valuable items.

Mechanical locks offer a higher level of security, provide no alarming and no access tracking and should be used where a more limited number of staff need access. Examples: areas with a limited number of staff needing access; individual offices; areas with a limited number of staff needing access and that have sensitive information or controlled or valuable items or infection control/environmental issues; mechanical spaces; none routine building perimeter access points; system/emergency overrides.

Fob based access control provides a higher level of security due to being able to provide alarming and access tracking. Examples: areas with a large number of staff needing access and that have sensitive information or controlled or valuable items or contain certain types of patients or infection control/environmental issues (neonatal, pediatric, ICU, psych, OR, etc.); routine building perimeter access points for staff only or for after-hours staff access; access points to secured areas that staff would use to grant visitor access remotely

3. Access control locking system provided by vendor, through Shands (OFVI).

Mechanical Keying

Equipment	Model	Vendor	Installation by	Notes
Locks, general	Everest T, Primus	TCR, Clark	Shands / Vendor	Verify all w/ carpentry shop
South Campus Keyways	Everest T 145	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
North Campus Keyways	Everest T 135	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
Vista Campus Keyways	Everest T 235	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
Facilities Keyways	Everest T 134	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
Security Keyways	Everest T 345	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
Off-campus Keyways	Everest, verify type	TCR, Clark	Shands / Vendor	Req's authorization from lock shop
PIN Punch Locks	Schlage AD200, CO200	TCR, Clark	Shands / Vendor	

Electronic Keying

Equipment	Model	Vendor	Installation by	Notes
C-Cure Panel, controls up to 16 locks	iStar Pro	Siemens	Siemens	Provide one per/floor. Verify with owner.
Door (HID reader config)				
- Local Panel	RM4	Siemens	Siemens	Wired to iStar, 1/door
- Lock		Siemens	Siemens	Choose one; dbl doors use mag locks
- Power Strike	See door hardware	Siemens	Siemens	Wired to RM4; No request to exit Device req'd; typical for retrofits
- Electrified Lockset	See door hardware	Siemens	Siemens	Wired to power transfer hinge; door contact or request to exit built into lock; door must be cored; requires power transfer hinge; typical for new constr.
- Power Transfer Hinge	See door hardware	Siemens	Siemens	Wired to RM4
- Mag Lock	See door hardware	Siemens	Siemens	Wired to RM4 and separate power supply.
- Power Supply	See door hardware	Siemens	Siemens	Wired to RM4
- Reader	HID RD40	Siemens	Siemens	Wired to RM4
- Door Contact	See door hardware	Siemens	Siemens	Wired to RM4
- Request to Exit		Siemens	Siemens	Wired to RM4. If req'd, choose hand wave or PIR/Fly.

- Hand wave	See door hardware	Siemens	Siemens	
- PIR/Fly	See door hardware	Siemens	Siemens	
- Emergency Release	See door hardware	Siemens	Siemens	Req'd with mag locks in addition to hand wave or PIR/Fly; wired to directly cut power to mag locks.
Door (Schlage AD Lock)				
- Wireless Locks are not permitted				
- Wired Lock	Schlage AD300	TCR, Clark	Siemens	Door must be cored; req's power transfer hinge; reader, door contact, request to exit built into lock.
- Power Transfer Hinge (wired lock)	See door hardware	Siemens	Siemens	Wired to iStar
Panic Button	United Security Products HUB2B	Siemens	Siemens	2-conductor wired to iStar or RM4
Remote Door Release	Schlage Mini Station Control 660-PB	Siemens	Siemens	2-conductor wired to iStar or RM4

4. Please always refer any questions or concerns to the Security System Department.

CCTV / Security Cameras

1. Coordinate all security camera locations, interior and exterior, with Shands.

CCTV/Cameras - VideoEdge

Equipment	Model	Vendor	Installation by	Notes
Interior, no IR	Illustra 600-D111 (PoE 6.5 watts max)	Siemens, Amazon, etc	Siemens or Shands	Requires PoE or power supply, LAN, 1 camera license, mount
Interior, IR	Illustra 600-D011 (PoE 9 watts max)	Siemens, Amazon, etc	Siemens or Shands	Requires PoE or power supply, LAN, 1 camera license, mount
Exterior	Illustra 600-D021 (PoE 25 watts max)	Siemens, Amazon, etc	Siemens or Shands	Requires PoE or power supply, LAN, 1 camera license, mount
Exterior, PTZ	Sony SNC RH-164 Illustra model TBD	Siemens, Amazon, etc	Siemens or Shands	Requires PoE or power supply, LAN, 1 camera license, mount
Camera License	1/camera	Siemens	Siemens or Shands	Comes with Illustra camera
Viewing License	1/viewing station	Siemens	Siemens or Shands	
Viewing PC	Standard PC w/ 2 mon.	Shands	Shands	
NVR	Verify w/ Shands	Siemens	Siemens or Shands	

2. Review requirements for site-required security with Shands.

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