2.0 General Requirements and Notes

2.00 SHSU requires that all exterior doors for public access (including each operable leaf) have active electronic card access

3.0 Base Specifications

3.01 The system must fully and completely integrate with the most current version of CCURE 9000 door access system purchased from Software House/Tyco Electronic Product Group.

4.0 Standardized Hardware

-tech and mag reader track 3 with XF7710

proximity sticky disk

RESI LIFE REQUIRES = SOFTWARE HOUSE RM4/RM1 READERS

4.03 **Exit Devices (Mechanical)**
Von Duprin 98/99 Series QEL
Not used in Resi Life Buildings

4.04 **Electric Strikes**
Von Duprin Series 6000 24 Volt
HES 1006 Strike
HES 9600 RIM Strike or HES 9500 RIM for fire rated applications

4.05 **Electric Power Transfer**
Von Duprin

5.01 SHSU uses a star configuration with each access/alarm point being a 'home run' back to the access control panel from the personality module located above the door or the card reader. The cabling between the personality module (RM Reader) and the access control panel will be the composite cabling outlined in the section 4.10. All communication and power to the individual doors will come from the access control panel location. An exception to this will be made when specific hardware requires a localized power supply. When possible a trunk conduit/raceway should be established in common hallways to accommodate multiple 'home run' composite cables.

6.0 Installation Requirements

6.01 Panel and any network device server will be wired through a dedicated power supply with battery backup.

6.02 Power is to be access control panels is to be hardwired utilizing EMT or rigid conduit in accordance with section 6.10 of this specification.

6.03 Access control panels are to be installed in network or electrical closets as approved by3 (i)-4.6 (on n9 (n)/e i)-2S6

6.06.4 The holes for flush mounted door switches must be drilled the exact size for the switch being used. A tight friction fit must be achieved.

6.06.5 No hinge contacts are to be used.

6.07 Door Hardware

6.07.1 Door hardware will be **fail-secure** with mechanical manual egress from the secured side.

6.07.2 Door switching and power will reside in the access control panel location.

6.07.3 Power supply will be connected to building emergency circuits when possible.

6.07.4 Power supplies will have a battery backup

6.07.5 The location of power supplies when located away from access control panel will be