DIVISION 28 – ELECTRONIC SAFETY AND SECURITY Updated 2021 – May – Modified for HDS

Housing and Dining Facilities (HDS) has adopted amendments for all HDS facilities. Confirm applicable standards with Project Representative on a per Project basis.

Housing and Dining Services takes the following exceptions highlighted below in Gray.

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

28 10 00 – ACCESS CONTROL

A. Coordination:

    1. Architect, Electrical Engineer and Contractor shall coordinate with the Facilities Management (FM) Access Services during design and construction phases to locate devices and assure access control work meets CSU Facilities Planning, Design and Construction Standards.

        a. HDS: For all HDS buildings, the Architect, Electrical Engineer and Contractor shall coordinate with the HDS Access Control Department.

    3. Contractor shall complete System start–up and adjustment before submitting its Notice of Substantial Completion.

        a. Inspection and approval by FM Access Services is required before any access control item will be permitted on the Pre–Acceptance Punchlist.

          i. HDS: Inspection and approval must be given by HDS Access Control.

B. Panel:

    1. Control panels shall be Software House, iStar Ultra, Istar Ultra SE, Istar Edge.

        a. HDS buildings control panels shall be Lenel product.

    2. Power supply panel shall be Altronix Maximal 75 or approved equal by Colorado State University (CSU).

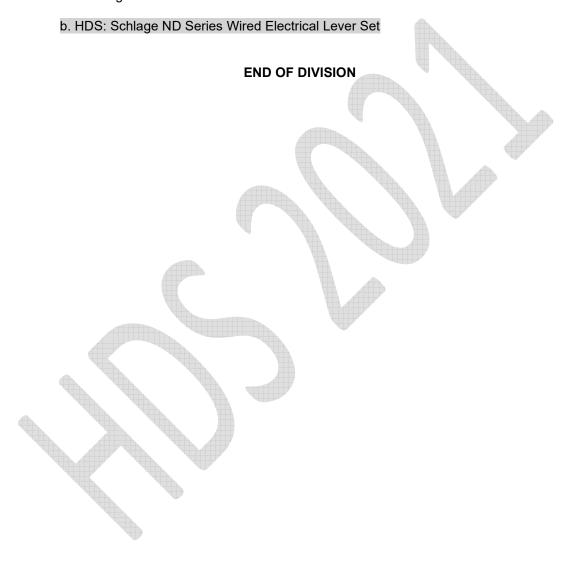   a. HDS: Housing and Dining Services must approve supply panel.

D. Card Readers:

    1. Software House International C–Cure 9000 software platform

        b. HDS: Lenel OnGuard software will be use.

    2. Card Readers shall be Software House, iStar SWH 4000, 4100 or 4200 as applicable or approved equal by CSU.

        a. HDS: Card Readers shall be HID, Prox Pro II or equivalent HID mini-prox reader.

    8. CSU Card Access Systems utilize control hardware manufactured by Software House, including, but not limited to I–star Ultra, I–Star Ultra SE or I–star Edge Control hardware.

        b. Software House readers SWH 4000, SWH 4100 or SWH 4200 are required.

          i. HDS: Lenel software and HID prox readers will be used for all HDS buildings.

    10. The proprietary MIFARE card format is registered exclusively to CSU.

        c. HDS: HID prox cards with proprietary card format for HDS.

    11. To meet the CSU Facilities Planning, Design and Construction Standards, all programming of card access equipment must be programmed by Access Services.

        d. HDS: All program for HDS buildings will be done through HDS Access Control.

G. Electrified Door Hardware: (New Construction)

1. Single with cylindrical locks:
     b. HDS: Hes 1006 24 VDC doors
2. Single doors with panic hardware:
     a. Hes 9600 24 VDC
        i. HDS: Exclusively uses Hes 9600 24 VDC units

5. Positive latching:

     b. HDS: Schlage ND Series Wired Electrical Lever Set

END OF DIVISION