

SECTION **27** 53 13 – CLOCK AND BELL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section specifies requirements for clock and class bell systems.

PART 2 - PRODUCTS

2.1 CLASS BELL SYSTEM

- A. In classroom buildings or as required by building users, a 120-volt, AC bell system shall be installed.
- B. Bells shall be Simplex Time No. 4017-62 bells or equivalent for 120-volts, 60-cycle operation, mounted on 4 in. flush outlet boxes. The supply circuit for this system shall come from the emergency lighting panel. The circuit shall be controlled by a 30 ampere, single pole, ASCO No. 3505 contactor with the coil controlled by a Potter Brumfield relay KCP 10000 to operate on a 48 volt DC master clock system.
- C. The 48 volt DC coil of the relay will be wired to the central master clock system control by the University in empty conduit provided by the Contractor.

2.2 CLOCK SYSTEMS

- A. Standard clock systems: American Time SPEC-CLOCK SSIQ 15" ROUND/SURFACE BLACK 110 VAC CH22 CUSTOM DIAL AND LOGO SPEC FREQ. Part Number SQ66BADD322BPLY. Clock outlets, when required, shall be of a standard, recessed plug type for 120-volt conventional operation, unless a synchronizing system is requested or warranted in a particular building design. All clocks shall be provided and set by the University when the building is completed, unless otherwise directed.
- B. Buildings utilizing a class bell system controlled from the University's master program clock system will have available impulse current for minute impulse clock service (limit to two clocks) that are corrected hourly. It may be desirable to have one or two clocks in public areas such as lobby, etc.

END OF SECTION **26** 53 13

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.