

DIVISION 27 – COMMUNICATIONS

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27 00 00. COMMUNICATIONS

27 30 00. VOICE COMMUNICATIONS

27 32 05. TELEPHONES

.1 TELEPHONES: Consult the Program of Requirements for spaces in which telephones are required. Possible inclusion of other spaces should be discussed at the initial planning conference. Also see Communications Wiring Standard in Appendix.

.1.1 PROVISIONS FOR TELEPHONE INSTALLATION: Consult the University Architect regarding the source of details for design of conduit raceway systems, telephone equipment rooms, telephone switchgear or switchboard, equipment room ventilation or cooling, and other requirements peculiar to the project. Conform with all stipulated requirements.

.1.2 LIGHTING: For Campus Emergency Phones: See Appendix M, Communication Wiring Standards.

27 40 00. AUDIO-VIDEO COMMUNICATIONS

27 41 00. AUDIO-VIDEO SYSTEMS

.1 TEACHING SYSTEMS: Provide closed circuit TV and other teaching aids as required by the Program of Requirements.

27 50 00. DISTRIBUTED COMMUNICATIONS AND MONITORING SYSTEMS

27 51 23. INTERCOMMUNICATION AND PROGRAM SYSTEMS

.1 INTERCOMMUNICATIONS SYSTEMS: See Appendix M, Communications Wiring Standard.

.2 OTHER INTERCOMMUNICATIONS SYSTEMS: Refer to the Program of Requirements

.2.1 LOCAL SYSTEMS: Local PA systems shall be capable of operation without a technician in attendance.

.2.2 STORAGE OF EQUIPMENT: Design adequate spaces, properly secured, for storage of portable equipment.

27 52 23. NURSES CALL SYSTEMS: Refer to the Program of Requirements.

27 53 13. CLOCK AND PROGRAM SYSTEMS:

.1 SUPERVISED SYSTEM: A supervised clock system will be provided only when so required by the building program. Supervised clocks shall be impulse type only, connected to the University clock system. Clock second hands are not acceptable.

27 50 00. DISTRIBUTED COMMUNICATIONS AND MONITORING SYSTEMS (Cont'd)

27 53 13. CLOCK AND PROGRAM SYSTEMS: (Cont'd)

.1.1 CLOCK AND FIRE ALARM SYSTEMS BIDDING PROCESS: Fire Alarm systems and Supervised systems are viewed by the University as separate stand-alone systems. They shall not be bid as a combined system by a single manufacturer. Each system shall be bid with a separate cost proposal in projects with Fire Alarm and Supervised Clock systems.

27 53 15. CLASS BELLS: Provide in corridors of all academic buildings. Bells shall be 10-inch under-dome, single stroke, 110-volt a-c, with power obtained from local building supply, and pilot wire control from the campus system. Installation height shall be specified as 80" above the finished floor. It is expressly prohibited to make any additions to the Monitor Dynamics Incorporated (MDI) system.

END OF DIVISION 27 - COMMUNICATIONS