DIVISION 10 - SPECIALTIES

A General: Plug type anchors are prohibited. Use toggle bolts or other type of positive fastening methods.

SECTION 10100D VISUAL DISPLAY BOARDS

A Refer to Design Guidance: Teaching Spaces for additional requirements concerning visual display boards.

B. MARKERBOARDS: Markerboards shall be specified for new construction projects. Markerboards shall be framed units with white Porcelain enamel (matte finish) writing surface over 24 gauge minimum steel face sheet, 7/16" particleboard core and .015" thick aluminum backer sheet.

1. Specify 50 year warranty on surface of markerboards.
2. Specify extruded aluminum marker/eraser trays mounted at bottom of markerboards and map rail, complete with map hooks (4 hooks per section).
3. Specify mechanically fastened units with provisions for demounting.

B. ELECTRICALLY OPERATED BOARDS: Provide access panels for servicing motors, drives and controls. Switches shall be key operated. Coordination with Division 16 is required.

SECTION 10160D - TOILET PARTITIONS

A. Specify standard, floor mounted overhead braced, metal toilet partitions unless otherwise approved by the University Project Manager. Where added support is needed in stalls for handicapped persons, specify that pilasters, for these stalls only, extend to the floor. Fasteners shall be vandal-proof type screws. Overhead brace shall be continuous extruded aluminum with antigrip profile.

B. Panels, pilasters, and doors shall be 20 gage steel minimum with honey comb core and mitered, welded and ground corners, prefinished with baked enamel finish.

C. Hardware shall be stainless steel. Door latches shall be surface mounted slide bolt type. Doors shall have emergency access feature.

D. Do not specify urinal screens. Use of urinal screens shall be reviewed with the University Project Manager.

SECTION 10200D - LOUVERS AND VENTS

A. Metal Wall Louvers: Metal louvers shall be prefinished aluminum units with welded assembly (no mechanical fasteners). Specify units with bird and insect screens as appropriate. Coordinate design and installation of louvers with mechanical engineers and clearly indicate which contractor (if Multiple Prime Contract) is responsible for furnishing and installing.
SECTIONS 10350D - FLAGPOLES

A. Ground set flagpoles shall have internal halyard and manually operated winch with control stop device and removable handle, stainless steel cable halyard and concealed revolving truck assembly with plastic coated counterweight and sling. Provide flush access door secured with cylinder lock.

SECTION 10400D - IDENTIFYING DEVICES

A. Refer to the Signage & Graphics Design Guidance, latest edition, for additional signage requirements. Associates must follow the guides published in this manual and any additional directions issued by the University Project Manager.

B. Development of signage package shall be included in the Associates scope of work unless specifically excluded from the contract by the University.

SECTION 10450D - PEDESTRIAN CONTROL DEVICES

A. PLANNING REQUIREMENTS: If the Program of Requirements calls for pedestrian control but does not detail the requirements for pedestrian control, the University Project Manager will consult the using agency and the Department of Public Safety and will indicate the kind of control devices required.

B. COORDINATION WITH BUILDING SECURITY SYSTEM: Pedestrian control devices are typically used in conjunction with electronic security systems. Coordinate requirements with electrical installations.

SECTION 10500D - LOCKERS

A. Lockers shall be designed and specified to suit project requirements. Coordinate requirements with University Project Manager.

SECTION 10520D - FIRE PROTECTION SPECIALTIES

A. GENERAL: All portable fire extinguishers and non-valve cabinets shall be specified in Division 10 and shall be part of the General Construction contract. All portable fire extinguishers and components shall be approved by Underwriters Laboratory (UL) and bear their label.

B. SELECTION AND QUANTITY: The selection and locations of fire extinguishers are subject
to the review and approval of the University Project Manager. Fire extinguishers in addition to those required by NFPA may be required by the University.

C. FIRE EXTINGUISHERS: All fire extinguishers shall be complete, tested, certified, ready for use, and conform to the following:

1. CARBON DIOXIDE EXTINGUISHERS: Red enameled-steel or aluminum equipped with valve, discharge hose and horn, squeeze-grip lever, and mounting bracket, if not cabinet installed. Minimum rating 5 BC.

2. MULTI-PURPOSE EXTINGUISHERS: Red enameled-steel, pressurized type equipped with pressure gauge, discharge nozzle, squeeze-grip lever, and mounting bracket, if not cabinet installed. These extinguishers are dry chemical for Class A, B, and C fires. Minimum rating 4A 60 BC.

D. FIRE EXTINGUISHER CABINETS Cabinets shall be painted steel, flanged recessed (similar to fire hose cabinets), lockable with break glass fronted fire equipment cabinet and a knocker or other glass breaking means. Attach knocker in a manner which will allow breaking of glass without removing knocker. Cabinets shall be comparable to the preferred Do Panel break Glass style of cabinet manufactured by Larsen’s Fire Protection and Safety Equipment. Lock shall be manufactured by Detroit Auto Specialties and shall have a CH751 key. The full fire rating, thermal rating, and acoustical rating of the structure walls must be maintained.

1. Penetration of walls by cabinets or other penetrations is prohibited, unless openings and voids are sealed with firestopping materials. Fire and smoke rating must not be compromised by penetrations.

2. Fire extinguisher cabinets shall not have locking mechanisms except where installed in housing units.

SECTION 10550D - POSTAL SPECIALTIES

A. GENERAL: Postal requirements do not apply to all project. Coordinate specific requirements with the University Project Manager. If postal specialties are required, the following information shall apply as appropriate.

B. INSPECTION AND APPROVAL: Postal facilities, serviced by the U.S. Postal Service, are subject to inspection and approval by the Customer Service Section of the U.S. Postal Service. Contact them at the Main Post Office (513-684-5634) during the planning process and arrange for examination of construction documents for conformance to regulations and inspection of the installation(s) during construction.

C. MAIL CHUTE: If the building is over three stories high, provide a mail chute from all upper floors to empty into the receiving box. Drop must be a straight, vertical chute meeting requirements of the U.S. Postal Service. Do not plan a mail chute if building is less the four stories high, unless future vertical expansion is planned. Locks must conform to Postal Regulations.
D. **U.S. POSTAL SERVICE STANDARD BOX:** One standard wall-mounted box, officially approved by the U.S. Postal Service, shall be installed in the main lobby or entrance way of each building. All regulation markings shall be provided. This box must be located within 100 feet of an entrance at which the Postal vehicle can be parked. Locks must conform to Postal Regulations.

E. **DEPARTMENTAL MAIL BOXES:** These boxes may be installed in department offices in lieu of a Mail Room, depending upon preference of departments concerned. Coordinate requirements with University Project Manager. Specify that locks be fitted with Best cylinders, keyed to the University keying system.

F. **INDIVIDUAL MAIL BOXES:** Unless otherwise stipulated in the Program of Requirements, one box shall be provided for each faculty/staff member in the building. Boxes shall be installed for loading from inside Mail Room and unloading from corridor. Corridor door locks shall be fitted with Best cylinders, keyed to the University keying system. Fronts of boxes shall be numbered in sequence determined by the University. Rear of each box shall be provided with label holder, or equivalent, for identification.

**SECTION 10610D - DEMOUNTABLE PARTITIONS**

A. If outlets, switches, etc. are furnished by the partition manufacturer, specify devices of same quality as those specified in Division 16. (Note limitations and prohibitions regarding conduit types and sizes.)

**SECTION 10800D - TOILET AND BATH ACCESSORIES**

A. **TOILET TISSUE HOLDERS AND TOWEL DISPENSERS:**

   - **Scott Brand 9665 JRT Jr., In-sight**
     - Smoke/grey A.B.S. plastic
     - Capacity: 1 Roll
   
   - **Scott Brand 9550 JRT Twin, In-sight**
     - Smoke/grey A.B.S. plastic
     - Capacity: 2 Rolls

A. **TOILET TISSUE HOLDERS**

   - **San Jamar, Vision Twin R4500 TBK**
     - Transparent Cover
     - Capacity: 2 Rolls

B. **TOWEL DISPENSERS**

   - **Scott Brand 9705 9706 Lev-R-Matic, In-sight**
Smoke/grey A.B.S. plastic
Capacity - 1 Full roll and stub roll (1000 total feet)

C. SOAP DISPENSERS: Soft Care System with cartridge refill and visual soap reservoir.

D. SANITARY NAPKIN DISPENSER: 18 gage minimum, Type 304 stainless steel with concealed full length hinges, with double barrier free pull knob ($.50) coin mechanism that operates with less than five pounds of force (no twisting). Coin boxes keyed separately from door locks. Consult with University Project Manager for locations. Do not specify sanitary napkin dispensers.

E. SANITARY NAPKIN DISPOSALS: Each stall of all women’s restrooms shall have sanitary napkin disposals.

F. GARMENT HOOKS: Each toilet stall shall have a garment hook.

G. SHELVES: Each toilet room shall have a shelf for books, purses, etc. Each toilet stall in buildings with heavy student traffic shall have a shelf for books, etc.

H. MIRRORS: Specify metal framed mirrors without shelves. Check and coordinate mirror locations to prevent image reflection through room entrances.

I. BABY CHANGING TABLES: Specify baby changing tables in restrooms of buildings with extensive public access such as auditoriums, medical school, etc. Buildings with baby changing tables shall have one table in both Men’s and Women’s restrooms on each floor.

END