

10 00 00 – SPECIALTIES

**SECTIONS INCLUDED:**

- 10 11 00 – VISUAL DISPLAY UNITS
- 10 14 00 – SIGNAGE
- 10 22 00 – PARTITIONS
- 10 26 00 – WALL AND DOOR PROTECTION
- 10 28 00 – TOILET, BATH, AND LAUNDRY ACCESSORIES
- 10 40 00 – SAFETY SPECIALTIES
- 10 43 00 – EMERGENCY AID SPECIALTIES
- 10 44 00 – FIRE EXTINGUISHERS

**10 11 00 – VISUAL DISPLAY UNITS**

CLASSROOM EQUIPMENT

- All classrooms should include marker boards. Prefer products by Claridge. Surface of marker board must be durable and easily cleaned without ghosting.
- Specify tack boards for main department offices and selected message centers. Location to be determined.
- All classrooms should include a projection screen. Screen to be properly sized to fit the room size.
- Specific requirements for classrooms will be determined during programming. Most classrooms will require wired instructors podiums per UNC standard design, data and video connections, provisions for ceiling mounted data projectors, an appropriately sized powered projection screen and room lighting controls integrated into the podium. Project team will need to clearly identify whether components are part of the construction contract or installed by UNC. Coordinate with
- Provide appropriate backing in all walls to receive AV equipment. Provide suspension systems for all ceiling hung items.
- Coordinate requirements with the UNC Project Manager

## **10 14 00 – SIGNAGE**

### **SIGNAGE**

- Include interior signage, bronze dedication plaques and building directories in the project requirements.

### **INTERIOR SIGNS – Academic buildings**

- Signs shall be frameless design with rounded corners  $\frac{1}{2}$ " or  $\frac{3}{4}$ " radii. Signs shall be photopolymer laminate (InPro Corporation, PETG Series, SPX10, SPX20, SPX40 or approved equal). Photopolymer panels composed of .032" thick moisture resistant non-glare nylon photopolymer bonded to .080" thick PETG and .029 thick laminate base. Overall panel thickness shall be .125" multi-layered construction with a  $\frac{1}{8}$ " thick back plate of black acrylic or PVC. The face plate shall be clear, non-glare acrylic with color on the reverse side. All layers to be bonded with extra strength double stick tape that is not visible from the exposed edges.
- Selected signs will have slider inserts. Face plate should be clear film of .010" thickness bonded to sign panel and .060" thick PETG backing with space to allow user supplied paper to slide behind clear film. starting  $\frac{1}{2}$ " from edge of sign. Slider insert should match the sign color and be of a thin sheet of PVC. Imprint slider with Bright White (3x1-204) lettering on background color of Far Nebula (MP06135) or closest match possible. Window size to be 4" H x 7" W.
- All text shall be Helvetica medium type style. All text and graphics shall be raised  $\frac{1}{32}$ " , in white. Raised characters or symbols shall be at least  $\frac{5}{8}$ " (16mm) high, but no higher than 2" (50mm). Symbols or pictograms on signs shall be raised  $\frac{1}{32}$ " (0.8mm) minimum. Accessible facilities required to be identified, shall use the international symbol of accessibility.
- Selected signs to have ADA compliant raised room numbers,  $\frac{5}{8}$ " high with grade II Braille, routed or the Edgerton method inserted beads, directly below the raised numbers.
- Signs shall be mounted on the walls per ADA height and location requirements. Install signs on the strike side of doors where possible. If additional signs are required, they shall be mounted above the room number sign.
- Attach signs to the wall with foam double stick tape applied to the full length of all four edges. For heavy textured walls, add a dollop of clear silicon sealant at each corner.

- In general, sizes shall be as follows:
  - Room number signs with Braille 8" X 4"
  - Multi line signs 8" X 8"
  - Directional Signs 18" x 24" maximum
  - Directory Signs 23" x 28.5" maximum
- Text or numbers for signs shall start in the upper left corner, with Braille immediately below when required.
- Provide all interior signage systems from a single manufacturer.
- Refer to Campus Standard Signs Appendix for visual representation of our standard campus signage.

## EXTERIOR SIGNS

- Most new buildings will get a lighted, stone base building sign to match existing signs on campus. Requirements will be determined for each project.
- Refer to Exterior Monument Sign Appendix for more details

## EXTERIOR YARD SIGNS

- All vinyl color selections are based on 3M Scotchcal Series 7125 Premium film or 3M Scotchcal Series 3630 translucent film as indicated.

### Two-sided metal signs

Blue 3M PMS-295 Navy	3M 7125 Series
Yellow 3M PMS-1235C – 122U Yellow	3M 7125 Series
White (Letters)	3M 7125 Series
Gray (trim paint)	Kwal 8773m Dauphin Grey H34

All vinyl to be 1<sup>st</sup> surface application

Paint (legs)	Kwal 8773m Dauphin Grey H34
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### Two-sided Lighted Lexan (clear) signs

Blue 3M PMS-295 Navy (2 <sup>nd</sup> surface application)	3M 3630 Series
Yellow 3M PMS-1235C – 122U Yellow (2 <sup>nd</sup> surface application)	3M 3630 Series

Paint (cabinet)

Kwal 8773m Dauphin Grey H34

\*\* Note: the bottom blue vinyl is not a translucent film.

## **10 22 00 – PARTITIONS**

### **TOILET PARTITIONS**

- Toilet partitions shall be floor mounted, overhead braced. Partitions and mounting shall be heavy duty in all details due to the high levels of vandalism and abuse they will receive.
- Specify heavy duty hardware and continuous wall brackets. Integral hinges are preferred.
- Specify solid plastic toilet partitions by Hadrian, Bradley, Santana, Comtex or approved equivalent.

## **10 26 00 – WALL AND DOOR PROTECTION**

### **CORNER GUARDS**

- Specify corner guards for all external corners in public or high traffic areas. Vinyl 3" with end caps and aluminum retainer (full height). Select from manufacturers full range of colors.

## **10 28 00 – TOILET, BATH, AND LAUNDRY ACCESSORIES**

### **TOILET ACCESSORIES**

- The following items are on state award and will be furnished by the University for installation by the contractor:
  - Paper towel dispensers
  - Toilet paper dispensers
  - Liquid soap dispensers
- The designer will need to specify trash receptacles, mirrors, feminine napkin dispensers and any other required accessories.
- If hand dryers are specified, use Xcellerator products. Provide protective wall panels at all units.

## **10 40 00 – SAFETY SPECIALTIES**

### **KNOX BOX**

- Provide a Knox key security box for use by the Greeley Fire Department. Knox Box, model # 4400 R, recessed. Box is to be built into exterior wall construction at a location specified by the Fire Department. Knox box purchase will require authorization form signed by the Union Colony Fire Rescue Authority.

## **10 43 00 – EMERGENCY AID SPECIALTIES**

### **AUTOMATED EXTERNAL DEFIBRILATORS**

- Provide AED's for each new building. Specification will be provided by EH&S.

### **BLEED CONTROL KITS**

- Bleed control kits should be specified next to each AED. North American Recue Public Access Bleeding Control Station 5-pack Vacuum Sealed Item #80-0581 or semi recessed cabinet item #80-0577

## **10 44 00 – FIRE EXTINGUISHERS**

### **FIRE EXTINGUISHERS**

- Fire extinguishers and cabinets shall be specified by the designer. Sizes for fire extinguishers shall be as directed by the fire department. Extinguisher cabinets should be locking style with breakable glass and tool for access to the extinguisher.