.1 Area of Use:

.1 All Lecture Halls and Classrooms shall be equipped with Chalkboard Slider Units – black surface. Whiteboards shall not be used in these spaces, due to fumes, increased maintenance and costs.

.2 Offices, boardrooms or labs shall be equipped with fixed chalkboards, whiteboards and tackboards, as directed by FMGT.

.2 Perimeter Trim and Fastening to Wall Preparation

.1 Perimeter trim: extruded anodized aluminum channel, 1.5mm thick material, fitted around panels with closed mitred corners. Single layer, fixed units fastening to wall preparation as follows:

    .1 Offices / Corridors - surface mounted fasteners: pre-punch perimeter trim at 610 o.c.

    .2 Classrooms / Boardrooms - concealed clip fasteners: back fasten trim to backing sheet.

.3 Acceptable Manufacturers:

.1 Shanahan's / Richelieu - Panel Products / Steelcase – PolyVision.

.4 Dimensions – Use Standard Board Sizes

.1 Chalkboards and Markerboards (Whiteboards)

Fixed & Slider Panel Widths (mm)	Slider Panel Height (mm)	Overall Slider Unit Height (mm)	Fixed Panel Height (mm)
1220; 1830 or 2440	1070	1220	1220

.2 Tackboards:

Width (mm)	Height (mm)
305	460
1220; 1830 or 2440	1220

.5 Installation

.1 Install slider units and fixed, 1220 mm high boards with bottom edge of at 915 above finished floor.

.6 Products

.1 Chalkboards and Markerboards (Whiteboards)

    .1 Facing sheet: 2 coats fired vitreous porcelain enamel on 24 gauge steel.

        .1 Chalkboards: porcelain enamel, colour BLACK.

        .2 Markerboards (Whiteboards): porcelain enamel, colour WHITE.

    .2 Core material: 12.5 mm high density, moisture resistant fibreboard; free of tar material.

    .3 Provide trays of extruded aluminum, not less than 64 mm wide, with ends polished and bevelled.

    .4 Horizontal 2-tracks top hung chalkboard sliders (3 layers: 2 sliders + fixed back panel). Maximize the length of sliders, within the overall chalkboard unit, to minimize vertical seams; do not exceed 2400 lengths, to prevent heavy panels and difficulty of operation.

.2 Tackboards

    .1 Facing sheet: vinyl fabric laminated under pressure to fibreboard.

    .2 Core material: 12.5 mm cellulose fibre insulating board; free of tar material.

    .3 Finish - Vinyl finishes acceptable to the University are:

SHANAHANS	RICHELIEU - PANEL PRODUCTS
VT-203 Smoke grey	LF-303 Mist grey

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Construction Standards

10. Specialties
10.2 Compartments & Cubicles

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.1 Toilet Compartments

   .1   Toilet compartments

      .1   Shall be designed for heavy traffic, shall have superior durability, reparability and be scratch-, dent-, marking-, moisture- and impact-resistant. Use finishes that require minimal maintenance and allow easy graffiti removal; satin finish both sides.

      .2   Design stalls size to allow adequate installation and functionality of all accessories.

   .2   Toilet partitions types

      .1   Typical: Solid Colour Reinforced Composite (SCRC), Solid Phenolic, Solid Plastic, or Plastic Laminate, to suit budget. Acceptable products:

         .1   Bobrick – Sierra 1090

         .2   Hadrian

      .2   Acceptable: for non-public, limited budget projects, or to match existing: powder coated steel. Products:

         .1   Shanahan's

   .3   Washroom partitions: Floor Mounted Overhead Braced.

   .4   Urinal partitions: Wall Hung

   .5   Each compartment to be complete with the following hardware:

      .1   Combination coat hook/door bumper. Locate at 915mm height on inside of stall door in accessible stalls.

      .2   Combination stop/ latch - with emergency lift feature.

      .3   Non-removable self closing hinges - with emergency lift feature.

      .4   Door d-pulls on interior and exterior of stalls for accessible compartments.

      .5   Seat at dressing cubicles.

.1 General

.1 Where spacial separation and building code requirements permit, consider modular demountable wall partition systems for all interior space division.

.2 System Requirements:

.1 Selection of system to be based on long-term availability of components and finishes.
.2 Partition System: demountable and relocatable, non progressive, extend in four directions at posts without disturbing other panels. Accommodate floor to ceiling height variations of up to 25mm.
.3 System to be approved for installation in seismic areas. Installations shall include for all miscellaneous bracing to suit the seismic criteria.
.4 System design to suit easy integration with furniture and case goods
.5 System to accommodate electrical outlets and switches on posts or in panels, and wiring in posts, base, cap or panels as necessary.
.6 Preference should be give to GreenGuard certified products / systems.
.7 Minimum STC rating: 40. Discuss sound attenuation requirements for each specific application.
.8 Standard framing material: extruded aluminum, clear anodized or powder coated finish.
.9 Standard panel types: Face mounted or glazed-in
.10 Standard panel materials: Plain gypsum board (painted), Pre-decorated gypsum board, wood panel, acoustic panel (fabric).
.11 Doors and frames to be coordinated with Section 8.2.

.3 Coordination:
.1 Coordinate electrical and communications requirements and components with FMEL and UVic SYST and as directed by FMGT.

.1   Corner Guards

.1   Provide wall exterior corner guards, or other suitable means of protection at all exposed gypsum board corners susceptible to damage.

.2   Minimum 1200mm above floor.

.3   Products: Korogard or approved equivalent.

.1 **General**

.1   Each washroom on Campus shall be provided with the accessories listed below. In order to maintain product consistency throughout the campus, alternates are not acceptable for these products.

.2   All necessary surface/assembly preparation shall be described in the drawings and specifications.

.3   Coordinate with FMGT for work to be included within the project and alternatively any items to be provided by the University.

.2 **Products**

.1   **Paper Towel Dispensers** - One dispenser for every three washbasins

	Product	Description	Supplier
.1	Frost #101 9.5"h x 10.5"w x 6.75"d	Single fold paper towels cabinet #101 Wheelchair accessible	Wesclean / ACME
.2	Kruger Designer 2 #9772 15.62"h x 10.5"w x 8.5"d	Roll towel cabinet	ACME
.3	KimberlyClarke Professional 12" x 16" x 9.5	Roll towel cabinet	Unisource
.4	Kimberly Clarke Model #06904 14.3"h x 8.9"w x 2.8"d	Slimfold towel dispenser	Unisource

.2   **Toilet Roll Dispensers** - One dispenser for each WC

	Product	Description	Supplier
.1	Kimberly Clarke JRT 52 x 33.4 x 14.6 cm	combination dispenser toilet rolls cabinet	Unisource
.2	Frost 150	1.5 Size uncovered small toilet roll holder	Wesclean / ACME

.3   **Soap Dispenser**s - One dispenser for every two washbasins

	Product	Description	Supplier
.1	Deb – 1L 9.25"h x 5.25"w x 4.5"d	foam soap dispenser	ACME
.2	Tork #570028A 11.5"h x 4.5"w x 4.5"d	liquid soap dispenser	Bunzyl
.3	Gojo #5150-06 10.5"h x 6.25"w x 5"d	foam soap dispenser	Unisource

.4   **Sanitary Napkin Disposal** - One disposal for each WC in Women's washroom

	Product	Description	Supplier
.1	Rubbermaid mod #6140 12.5"w x 10.75"h x 5"d	sanitary napkin disposal	ACME

.5   **Wastepaper Receptacles** - Minimum one receptacle for each washroom

.1   Base: "Rubbermaid" No. 3568 - 14.5" wide x 4.5" deep x 24" high

.2   Top: "Rubbermaid" No. 2662 - 14.7" wide x 14.7" deep x 5" high

.3   Colour: Gray

.6   **Sanitary Napkin Dispenser** - One dispenser for each Women's washroom

.1   "G.H. Wood" No. 113047 - 12" wide x 6" deep x 27" high (approximate dimensions)

.2   Wall mount double combination vendor
.3   25 cent coin dispensing
.4   Finish: Stainless Steel

.7   **Grab Bars** - Locate in each accessible toilet compartment:
.1   One at 120°, 600mm (or 180°, 1200mm) and one at 180°, 450mm x 32mm dia. X min.
.2   1.25mm wall tubing of 304 stainless steel, 76mm dia.
.3   Wall flanges concealed screw attachment, flanges welded to tubular bar, provided with steel backing plates and all accessories.
.4   Knurl bar at area of hand grips.
.5   Grab bar material and anchorage to withstand downward pull of 2.2 kN.