A Vision for Common Spaces

The Common Spaces supports the university’s current mission, vision, and strategic plan by focusing energy and resources on the most impactful projects Northwestern is positioned to address. Beyond a plan to enhance and standardize first impression areas through front-of-the-wall rehabilitation projects, Common Space establish specific values that will help elevate and activate common spaces, ensuring that the university’s facilities present the best possible image and experience to students, staff, faculty, alumni, and visitors:

Looking at physical condition, brand, and user experience, will help to give purpose to common spaces and create unique interiors that relate to multiple standards and guidelines.

Northwestern’s two campuses, rich legacy, and commitment to multidisciplinary directions makes for a diverse and unique campus experience. The downtown Chicago campus reflects the bustling energy of city life while the Evanston campus provides idyllic academic beauty. Buildings are not restricted to a particular style, and functions vary widely. The Common Spaces Guidelines seek to celebrate these differences while creating a consistent, unifying thread of the Northwestern Experience.
Fostering social interaction and adding strength to the Northwestern environments – between the wide array of destinations and stimuli—is the common space. Common spaces are the spaces unifying the diverse programs while respecting the identity of each. They help define, or blur, the boundaries between formal learning spaces and when done successfully, they become a third type of accessible space that shapes the campus experience in which curiosity peaks at every intersection.

Not the classroom, not the dorm room, nor the office – but the colliding connections between programmed spaces where a casual mix of students, faculty and staff, all with multi-disciplinary and diverse backgrounds, may cross paths and connect minds for the very first time. Taking advantage of these often overlooked spaces is the key to capturing the potential of every square foot that Northwestern has to offer its intricate network of people.

Northwestern University started as a seed of culture and education in a rural setting most notable for its low bluffs and breathtaking views of Lake Michigan. Step by step in their growth, both the Evanston and the downtown Chicago campus exert a direct influence on the growing city that it was founded to benefit, and many students, families, and faculty fall in love with the changing seasons and the opportunistic proximity to an internationally renowned city.

The Midwest is unlike an East coast Ivy League school and also unlike the west coast technology driven schools. It is somewhere in between, on this “fresh” coast, where it balances tradition with innovation in a very sophisticated way. The Midwest has a history of being makers and practitioners, where technology tends to enable more practical “nuts-and-bolts” services. And yet it is also a place of cutting-edge science, interactive learning, youth, vibrancy, and energy where the University responds not only to the needs of the institution but also to those of the modern city.

It is this dual nature of tradition and innovation / raw aesthetic with technical stamina, which makes the physical environment of Northwestern so dynamic. Intellectual vibrancy is exposed and walls of perception broken down in the Ford Building where a wonderful mix of rich woods create a balanced contrast with the open maker spaces and labs. The visual connection reveals the legacy of Midwestern values as they manifest directly into core curriculum, where new ideas are refined to become useful. Revealing the process of making and doing creates an environment that allows a mindset for dreaming and inspires others when something magical is happening.
With the Northwestern legacy at its foundation, centuries of scholarly traditions echo themselves in the personality of who Northwestern is today. Throughout history, Northwestern students have voiced their opinion across campus showing political activism and dedication to urban problems. Tertiary spaces, like the Rock and Lake Michigan’s shoreline, are non-hierarchical spaces where free expression and communication naturally happen on campus. Inclusive spaces where thoughts and ideas can see and be seen and which instantly demonstrate a welcoming nature for all users helps engage Northwesterners in their surroundings. Opportunities to candidly voice opinions translates the determination for student autonomy and becomes a physical reminder that expression is a cherished form of individual empowerment. Architecture and space that expresses the objectives of the university with purpose and articulateness of individual people, organizations, departments, and entities are where the essence of Northwestern’s mission (to follow your own direction) manifests in physical form.

Just as individual expression is important, so is community inclusion. Subtle and unexpected infusion of the Northwestern brand helps celebrate the common identity and shared goals across campus. Piping accent on an upholstered piece, or a frame color on a table or chair—Using purple sparingly to draw attention to or highlight special features, like the Sailing Center doors, takes the brilliant complexity of the millions of diverse square feet from multi-disciplinary buildings and unifies them in a very tasteful and playful way.

Not only are common spaces high performing in their role to connect people to each other, these spaces are also contributing to the larger connection to the landscape and community which directly support and take care of the whole student, faculty and staff member. Part of this holistic approach includes visual exposure between interior and exterior views, infusion of familiar details, and assurance of common safety features that make it easy for students to feel comfortable using, accessing, and collaborating in common spaces or classrooms at any time of day. Environments that provide a sense of comfort make it easy for students, faculty and staff to pro-actively engage in their present day to day journey going to and from spaces, and also in their academic or professional journey. Spaces like the Garage offer a vibrant environment developed around the vulnerable mindset of the student. This tertiary space offers familiar resources and amenities in a risk-averse setting becoming a safe haven for students to explore new ideas and fail often. Fostering the mindset of the student helps to embrace the positive moments so it is easier to get through the challenging ones. Having a positive relationship with environments where growth and development occurs is crucial for long-term wellbeing.
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There are two aesthetic impulses best described of Northwestern in Jay Pridmore’s Campus Guide of the University, “a university as a peaceful oasis in the wilderness. (and) a university in an urban, active commercial and cultural center”. The variance developed on campus with modern structures built around historic foundations and magnificent wooded pathways with modern city skyline views, intensifies the connections between past and future and creates a unified setting to think both particularly and broadly. Moments on campus where interiors connect to this setting and allow natural light to bring out the brilliance of Northwestern’s character are positively highlighting the world-class institution it is. In turn, these connections present an opportunity to forge a more robust social identity with the local community and enrich the collaborative network with organizations across the Midwest and the globe. Connections expose students to the realities of the external world where innovation and partnerships are a way of life and prepare them to become next generation leaders.

Harmonizing the “dual and often conflicting forces” of Northwestern’s historical traditions with that of intense ambition to inseminate new knowledge is one of the most uniquely defining stimulators of innovation occurring within Northwestern walls. The arbitration between old and new may be the most intriguing design characteristic of Northwestern and coincidentally a fertile ground for creating new leaders and new mentors. Complimentary dichotomy is consistent in the “And” in Northwestern students, whom advocate towards willfully balancing academics and athletics, joining intellects of art and science, work and play – Northwestern knows the “and” moments are where collisions occur. Creating relationships between buildings, between departments, and between corridors creates the coalescing moments for engaging research to reach inspiring new thoughts – inconceivable discoveries are sparked at the intersections where diverse programs and people connect. The “And” moments flourish in these common spaces.

**Aesthetic Story**

**METAL**

Use metals to highlight, frame and protect important architectural features from wear and tear. Metals should be soft and smooth to the touch but should be able to withstand heavy impact.

**WOOD**

Use wood to elicit a sense of honesty and truth. Wood should be sealed, but remain unstained to truly evoke its natural state. Where possible, specify oak specific to the local region. Avoid the use of dark woods, red tonas and lighter blonde woods.

**STONE**

Stone selections should tie in with any natural stonework existing on the inside or the outside of the building. Stone should evoke a calming, natural feel representative of the shorelines of Lake Michigan.

**TILE**

Whether wall tile or ceiling tile, keep it crisp and fresh with classic proportions and installation methods.

**GLAZING**

Transparency is a way for departments to communicate visually between each other and also a way to expose users to natural light and views. Introduce varying levels of transparency to achieve specific privacy needs, while still maintaining a fresh, open feeling reminiscent of the Midwest outdoors.

**TEXTILES**

Patterns and textures should be used on less permanent finishes, like fabrics, films and wallcoverings. Allow subtle patterns to take cues from original architectural elements, and/or nature that celebrate the identity of place.

**DETAILS**

Preserve the character of existing architectural details when possible and blend with modern Northwestern branding solutions, finish treatments and furniture selections to give rich depth to the legacy of Northwestern and the exciting direction it is heading.

Incorporate flexible showcase spaces for users to quickly customize and continuously voice their presence as active participants in shaping the University.
Guiding Principles

Champion Intellectual Vibrancy
Support academic rigor
Enable passion
Honor achievements
Reveal process

Intensify Connections
Create the ‘and’ moments
Make activities visible and equitable
Integrate with the outdoors

Your _____ Matters
Impart a sense of safety and security
Encourage wellbeing
Inspire play
Make it easy, simple and intuitive
Details make a difference

Celebrate Identity
Enable community expression
The Northwestern legacy is our foundation
Everyone can follow their own path

‘Northwestern Direction’
Classification Philosophy

Common spaces are categorized under 5 space classifications, regardless of what primary building type they may be considered within. This means a primarily academic building may have administrative spaces, academic spaces, and assembly spaces within it.

The Classification Philosophy pages explain the overall strategy for the space classification and how they relate back to the Guiding Principles; what the function, aesthetics, feel, and experience should achieve.

- **Academic**: Academic spaces lie at the forefront of Northwestern's mission. They are the places where students learn, connect, and work on a daily basis.
- **Administrative**: Although primarily for staff and faculty, administrative spaces should create a welcoming transition by balancing a professional feel with an academic playfulness.
- **Assembly**: Assembly spaces are the most external-facing space classification at Northwestern, and are the greatest opportunity to project Northwestern's image.
- **Student Living**: As the place where students live, the most important aspect of residential spaces is to create a welcoming, non-institutional environment; it is to create a home.
- **Sports & Recreation**: Sports and Recreation spaces encompass everything from student gyms to stadiums, so they need to cater to a wide variety of users and functions. Flexibility is key.
## Space Type Matrix

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### Finishes

- **Stone**
- **Terrazzo**
- **Concrete**
- **Porcelain**
- **Resilient Floor**
- **Wood**
- **Carpet**
- **Ceramic Tile**
- **Wall Tile (decorative)**
- **Paint**
- **Wallcovering**
- **Wall Panels**
- **Wall Tile (wet & decorative)**
- **Exposed Ceiling**
- **Drywall / Plaster**
- **Metal Panel Ceiling**
- **Wood Panel Ceiling**
- **Diffuser Panel**
- **Metal & Fiberglass**
- **Task Chair**
- **Work Table**
- **Coffee Table**
- **Lounge Chair**
- **Sofa**
- **Cafe Chair**
- **Bar-Height Counter**
- **Stools**
- **Cafe Table**
- **Bench**
- **Coffee Table**
- **Side Table**
- **Sofa/Lounge Chair**
- **Bench**
- **Glider**
- **Fixed Seating**
- **High Density Stack Seating**
- **Tables**
- **Podium**
- **Small Table**
- **Glider**
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## Space Type Matrix

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<th>SPACE TYPES</th>
<th>A/S/F History</th>
<th>Wall Graphics</th>
<th>Artwork</th>
<th>Digital</th>
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<td>Side Street</td>
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### Brand Communication - Experience & Storytelling

- Donor Recognition
- Digital Static
- Supergraphics Illustration Pattern
- Mural Artwork
- Typography
- Photography
- Interactive Surfaces
- Gallery Walls
- Interactive Artwork
- Commissioned Artwork
- Donor Portraits
- Video Screen / Projectors
- Distraction Graphics
- Privacy Film
- Floor Graphics
- Ceiling Graphics
- Other Materials

### SPACE TYPES

- Public Restroom
- Restroom
- Lactation Room
- Secondary Stairs
- Meditation Room
- Side Street
PUBLIC RESTROOM

DEFINITION
Public Restrooms include all toilet facilities that are made available for general public use along with the rest areas contiguous to a public restroom.

USER EXPERIENCE
Impactful. Often restrooms are the first and last stops in user’s journey to and from campus, leaving an impact on the memory of their experience. Whether using showers, toilets and/or the lavatory, take special care in designing and coordinating the details to accommodate all user needs.

Transitional. This space should provide a feeling of inclusiveness with a blended transition from the overall building aesthetic.

Private. This space should shelter activity and provide privacy of function. Rooms should have appropriate acoustical separation, and sightlines with low to no visibility into the interior activity of the room upon access.

Accessible. Restrooms should be easy to locate and ideally located in multiple convenient locations on campus in order to save users travel time and stress. Restrooms are barrier-free, accessible spaces that should meet minimum clear turning space and maintain specific clearances at fixtures and controls.

Intuitive. Restrooms should be designed intuitively allowing for easy navigation and natural activity flows that accommodate a range of mobility types. This space is meant to provide a sense of security by remaining familiar and intuitive.

PROGRAM REQUIREMENTS
— Strategies and Element Guidelines must comply with ADA Guidelines and all other Accessibility Codes
— Meet specific requirements under Division 22 Plumbing of the Northwestern Design Guidelines and Technical Standards

CONFIGURATIONS
1. HAND WASHING
   — Sink and shelf or counter space for personal items
   — Hand soap dispenser within easy reach from sink
   — Surface mounted paper towel dispenser located near the sink that does not project more than 4” past surface
   — Freestanding trash receptacles located adjacent to the sinks
   — Electric Hand Dryer
2. BABY CHANGING STATION (Where included in program)
   — Extended counter surface with baby guard when adequate surface area allows; Steel wall mounted baby changing station when surface space is not available
   — Diaper disposal
3. STORAGE
   — Coat hooks on a wall near the door and on the interior of toilet partition doors
   — Stock, storage and/or janitorial rooms to replenish supplies should be located adjacent to restroom entrances

EDITORIAL COMMENTS
— Freestanding trash receptacles
— Provide adequate lighting for detail work.
— Provide a full length mirror.
— Mirror mounted to meet Accessibility Guidelines. Locate soap dispensers at proper ADA height.
— Mount coat hooks 30” high from finished floor, equal distance between sink

SPATIAL CONSIDERATIONS
— Freestanding trash receptacles
— Provide adequate lighting for detail work.
— Provide a full length mirror.
SINGLE RESTROOM

DEFINITION
Private, single restrooms include academic toilet facilities that are made available for general public use for families or anyone of any gender. These are essential spaces for students, staff and faculty while attending work, school or events.

USER EXPERIENCE
Inclusive. Private Restrooms allow users to feel empowered to use the bathroom they identify with most comfortably. Private restrooms promote inclusion for multiple users, including families, people with opposite-sex caretakers, varying or transgendered individuals and/or users seeking additional privacy.

Private. This space should shelter activity and provide privacy of function. When possible rooms should have appropriate acoustical separation, with low to no visibility into the interior activity of the room upon access.

Accessible. Restrooms are barrier-free, accessible spaces that should meet minimum clear turning space and maintain specific clearances at fixtures and controls.

Intuitive. Restrooms should be designed intuitively allowing for easy navigation and natural activity flows that accommodate a range of mobility types. This space is meant to provide a sense of security by remaining familiar and intuitive.

PROGRAM REQUIREMENTS
— Strategies and Element Guidelines must comply with ADA Guidelines and all other Accessibility Codes
— Meet specific requirements under Division 22 Plumbing of the Northwestern Design Guidelines and Technical Standards

CONFIGURATIONS
1. HAND WASHING
   — Sink and shelf or counter space for personal items
   — Amenities such as hand soap or disinfecting hand soap
   — Surface mounted paper towel dispenser located near the sink that does not project more than 4” past surface
   — Freestanding trash receptacles

2. BABY CHANGING STATION - (Where included in program)
   — Extended counter surface when adequate surface area allows. Steel wall mounted baby changing station when surface space is not available
   — Diaper disposal

3. STORAGE
   — Coat hooks on a wall near the door

4. SHOWER STALLS - (Where included in program)
   — Full height tile or equally durable material
   — Ensure beveled slope at shower stall complies with ANSI section 303.2. Pitch of floor should be tested during construction
While the size and configuration of every public restroom will vary, each should obtain an overall clean and neutral look and feel. As a base, select a dominant floor and wall tile that compliments the overall building aesthetic, then balance the remaining finishes with contrasting toilet partitions and counter surfaces.
### DESIGN CONSIDERATIONS
- Tile products provide dual functions, they serve an aesthetic function as a design component and technical function as a building finishing material that is capable of withstanding a wide range of environmental stresses.
- Materials used should be easy to repair or replace individual tiles.
- For residential areas such as typical private or “shared” bathroom, use Daltile ceramic wall tile, minimum five feet up wall, rolled top, Schluter strip base.
- For restroom tile use MAPEI Flexcolor CQ ready-to-use grout with color-coated quartz. Colors: Pewter 02, Charcoal 47 & Iron 107.

### WALL FINISHES:

#### Paint
- **SPECIFICATION**
  - Manufacturer: Benjamin Moore
  - Style: Eggshell
  - Color: Decorators White CC-20
  - Alternate white paints: Benjamin Moore: Bone White, White Dove, China White, Linen White, Super White (for ceilings and soffits)

#### Wall Tile (Wet & Decorative)
- **SPECIFICATION**
  - Specific tones, colors and aggregates to be selected per project.
  - **DESIGN CONSIDERATIONS**
    - Concrete material can evoke a raw and industrial feel in spaces that are meant to promote creativity and making.
    - When coupled with a sophisticated concrete floor can offer a refined, minimal and classic look to a space.
    - A sealed and regularly maintained concrete floor can last indefinitely.
    - When sealed properly concrete is abrasion resistant to fire, water, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor.
    - Epoxy or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, or exposed-aggregate concrete.

#### Terrazzo
- **SPECIFICATION**
  - Specific tones, colors and local aggregates to be selected per project.
  - **DESIGN CONSIDERATIONS**
    - Concrete material can evoke a raw and industrial feel in spaces that are meant to promote creativity and making.
    - When coupled with a sophisticated concrete floor can offer a refined, minimal and classic look to a space.
    - A sealed and regularly maintained concrete floor can last indefinitely.
    - When sealed properly concrete is abrasion resistant to fire, water, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor.
    - Epoxy or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, or exposed-aggregate concrete.

#### Porcelain
- **SPECIFICATION**
  - Specific tones, colors and local aggregates to be selected per project.
  - **DESIGN CONSIDERATIONS**
    - There are limitless styles in porcelain tile flooring as these tiles are made to look like granite, slate, marble, wood or limestone. In comparison it is also more cost effective and low in maintenance.
    - Avoid light colored grouts on floors and other horizontal surfaces.
    - Apply Schluter edging at all outside corners and top of tile.

#### Terrazzo
- **SPECIFICATION**
  - Specific tones, colors and local aggregates to be selected per project.
  - **DESIGN CONSIDERATIONS**
    - The terrazzo chosen should tie in with any existing visual aesthetic on the inside or the outside of the building.
    - Terrazzo flooring designs are highly customizable to meet nearly any design need. The chip combinations and color selections are preferred to be from natural toned matrices and should thoughtfully align with the goals of the project.
    - Consider an integral terrazzo base when feasible.
    - Local manufacturers and aggregate suppliers are preferred.
    - Seal surfaces according to NTMA’s written recommendations.

#### Porcelain
- **SPECIFICATION**
  - Specific tones, colors and local aggregates to be selected per project.
  - **DESIGN CONSIDERATIONS**
    - Porcelain tile products provide dual functions, they serve an aesthetic function as a design component and technical function as a building finishing material that is capable of withstanding a wide range of environmental stresses.
    - Materials used should be easy to repair or replace individual tiles.
    - For residential areas such as typical private or “shared” bathroom, use Daltile ceramic wall tile, minimum five feet up wall, rolled top, Schluter strip base.
    - For restroom tile use MAPEI Flexcolor CQ ready-to-use grout with color-coated quartz. Colors: Pewter 02, Charcoal 47 & Iron 107.
    - Apply Schluter edging at all outside corners and top of tile.
**CEILING FINISHES:**

- **c. Small Format Acoustical Ceiling Tile (ACT)**
  - **SPECIFICATIONS**
    - Finish: Level 4 Finish, Flat Paint
  - **DESIGN CONSIDERATIONS**
    - Allows for a finished look and is valuable for reducing noise levels in environments where noise control is important.
    - The lay-in panels and grid support should allow for easy access to services in plenum spaces.
    - Small format ACT solutions should have a fine grained finish.
    - 1" thick 2x2 or 2x4 square Lay-in acoustical ceiling tile.
    - Wet-formed mineral fiber with acoustically transparent membrane.
    - Surface finish is an acoustically transparent membrane with factory applied latex paint.
    - Access is necessary for maintenance of mechanical equipment and electrical fixtures.

- **b. Drywall / Plaster**
  - **DESIGN CONSIDERATIONS**
    - Use drywall in areas where a monolithic ceiling is desired. Use plaster only when appropriate for preservation purposes.
    - Good to use in spaces where ceilings need to be scrubable and/or withstand chemical exposure.
    - Appropriately located access panels is necessary for maintenance of mechanical equipment and electrical fixtures.

**MILLWORK:**

- **b. Solid Surface Counter**
  - **SPECIFICATION**
    - Manufacturer: HanStone or equal
    - Style: Quartz
    - Color: Smooth: Royale Blanc, Light: Bianco Canvas, Medium: Pewter, Dark: Leder
  - **DESIGN CONSIDERATIONS**
    - Clean lines, seamless appearance.
    - Wide range of design choices and possibilities for aesthetic expression.
    - Custom-designed colors.
    - Matte / Satin finish preferred.
    - Lighter colors preferred as they tend to show watermarks less than darker colors.
    - For residential areas such as typical private or "common shared" bathrooms, use solid surface at window sill material (refer to Northwestern Design & Technical Standards).
    - Access is necessary for maintenance of mechanical equipment and electrical fixtures.

**PLUMBING FIXTURES:** (See Master Spec)

- **a. Toilet**
  - **DESIGN CONSIDERATIONS**
    - ADA-compliant; when installed at required height of 17" - 19" from floor to top of seat, and 16" - 18" from the side wall.
  - Wall-mount preferred for new construction and when possible in renovations.

- **b. Urinal**
  - **DESIGN CONSIDERATIONS**
    - Optional flushometer.
    - Wall-mount (preferred).
    - When possible, urinals should match existing fixtures for renovation projects.
**DESIGN CONSIDERATIONS**

**Manufacturer:** Dyson  
**Style:** Airblade AB12  
**Color:** Sprayed Nickel

**Manufacturer:** Sloan  
**Style:** EHD-401 CP Sensor Activated Surface Mounted Electronic Hand Dryer

**DESIGN CONSIDERATIONS**

- Obtain warm-air dryers from single source from single manufacturer
- Mounting surface should be smooth and flat
- Mount dryer at least 24 inches away from basins and at least 20 inches away from corners
- Mount multiple hand dryers a minimum separation distance of 20 inches (measured center to center)
- Avoid installing hand dryers in narrow hallways and behind swinging doors

**DESIGN CONSIDERATIONS**

**Manufacturer:** Tork  
**Style:** 5510282, 5510202  
**Color:** Plastic Black, White

Note: Colors for A-03 selection should match

**Manufacturer:** Tork  
**Style:** Matic Hand Towel Dispenser  
**Color:** Stainless Steel

Note: Stainless steel can be substituted at additional cost

**DESIGN CONSIDERATIONS**

- Matic Touch-free, pull towel mechanism dispenses 12” length per pull (optional)
- Provide framed rough wall opening 11-1/2”W x 29-1/2”H
- Minimum recessed depth required from finish face of wall is 3-3/4”
- If unit projects above top of wainscot, provide aluminum channel or other filler to eliminate gap between flange and finish face of wall

**DESIGN CONSIDERATIONS**

**a. Hand Dryer** (if applicable)

**SPECIFICATIONS**

**Manufacturer:** Bobrick  
**Style:** Freestanding B-2280, 21 gallon Square  
**Color:** Stainless Steel

**b. Paper Towel Dispenser**

**DESIGN CONSIDERATIONS**

**Manufacturer:** Tork  
**Style:** 5555290, 5555200  
**Color:** Plastic Black, White

Note: Colors for A-03 selection should match

**Manufacturer:** Bobrick  
**Style:** B-2888  
**Color:** Stainless Steel

Note: Stainless steel can be substituted at additional cost

**DESIGN CONSIDERATIONS**

- Partition-mounted or surface mounted
- Multi-roll or dual sided multi-roll toilet tissue dispenser
- Depleted rolls can only be removed after unlocking door
- For residential areas such as private or “common shared” bathrooms, use brushed chrome recessed toilet paper holder - owner provided (refer to Northwestern Design & Technical Standards)
- Heavy duty steel construction with satin finish that is easily cleanable, wipeable
- 18-8, type 304, 22-gauge stainless steel cabinet, all welded construction

**c. Toilet Tissue Dispenser**

**DESIGN CONSIDERATIONS**

- Floor standing waste receptacle are preferred. Preferred to be placed directly below paper towel dispenser
- Ergonomic, low maintenance and easy to disassemble
- Dual-stream and tri-stream top-opening configurations with 60-gallon capacity
- Optional Eco-Etch, Perforation and Impression patterns
- Fire-rated polyethylene liners; multiple liners for multiple-stream receptacles
- Large, hinged side-access doors for easy servicing (optional)
- Top should be at 34” AFF max with no more than 24” reach to the bin

**SPECIFICATIONS**

**Manufacturer:** Bobrick  
**Style:** Freestanding B-2280, 21 gallon Square  
**Color:** Stainless Steel

**Manufacturer:** Bobrick  
**Style:** Recessed B-43644, 12.8 gallon  
**Color:** Stainless Steel

**d. Sanitary Napkin Disposal**

**DESIGN CONSIDERATIONS**

- Partition-mounted or surface mounted
- Multi-roll or dual sided multi-roll toilet tissue dispenser
- Depleted rolls can only be removed after unlocking door
- For residential areas such as private or “common shared” bathrooms, use brushed chrome recessed toilet paper holder - owner provided (refer to Northwestern Design & Technical Standards)
- Heavy duty steel construction with satin finish that is easily cleanable, wipeable
- 18-8, type 304, 22-gauge stainless steel cabinet, all welded construction

**SPECIFICATIONS**

**Manufacturer:** Impact Products  
**Style:** 1103, 1100  
**Material:** Plastic Black, White

Note: Colors for A-03 selection should match

**Manufacturer:** Bobrick  
**Style:** B-254 15 1/8” x 10 11/16” x 4 1/16”  
**Material:** Stainless Steel

Note: Stainless steel can be substituted at additional cost

**DESIGN CONSIDERATIONS**

- Surface-mounted or partition-mounted
- Waxed paper liner bags are furnished by others
DESIGN CONSIDERATIONS
Manufacturer: Hafele
Style: Double Prong
843.77-000 3.5" h x 3.5" w x 1.8" d
Color: Stainless Steel

DESIGN CONSIDERATIONS
— Double hook with substantial top hook for heavy bags and small lower hook for lighter personal items like coats and hats
— Preferred Product: Koala Kare KB110-SSWM, Stainless Steel, 20"h x 35.25" w x 4" d
— Secured to concealed wall hanger with theft-resistant mounting
— Reflecting surface of no more than 40" AFR if above the sink, 35" if not above the sink
— Ergonomic, low maintenance and easy to disassemble

DESIGN CONSIDERATIONS
Manufacturer: Scranton Products
Style: Floor Anchored/Overhead Braced
Finish: Plastic Laminate, Orange Peel
Color: White, Grey or Charcoal Grey

DESIGN CONSIDERATIONS
Manufacturer: Scranton Products
Style: Floor Anchored/Overhead Braced
Finish: Stainless Steel
Color: White, Grey or Charcoal Grey

Note: Stainless steel can be substituted at additional cost

DESIGN CONSIDERATIONS
— Floor and Ceiling Anchored with Post-mounted Screens
— Specify concealed door latches (no sight) and ADA handle at handicapped doors
— Door stoppers to be included when opening outward or inward to drywall
— Coat hook on interior side of each door
— Consider “In-Use” occupancy indicators on doors

DESIGN CONSIDERATIONS
Manufacturer: Bobrick
Style: Single Prong B-677
Color: Stainless Steel

DESIGN CONSIDERATIONS
Manufacturer: Bobrick
Style: B-295
Color: Stainless Steel

DESIGN CONSIDERATIONS
Manufacturer: Bradley
Style: 7512 12" depth
Color: Stainless Steel

DESIGN CONSIDERATIONS
Manufacturer: Koala Kare
Style: KB110-SSWM; 20"h x 35.25" w x 4" d
Color: Stainless Steel

DESIGN CONSIDERATIONS
Preferred Product: Koala Kare KB110-SSWM, Stainless Steel, 20"h x 35.25" w x 4" d
— Mount one hook at 4'-10" on-center and one at 3'-10" for ADA
— Concealed screws to ensure concealed mounting

DESIGN CONSIDERATIONS
— Identity signage should exist as a part of a larger, cohesive signage system, and remain consistent throughout the entire building/space
— Iconography or symbols used should exist as a cohesive system, used consistently throughout signage system. Icons may vary from the standard, but clarity should take priority in the design
— Materials and finishes chosen should relate to the use, activity or spirit of the space
— Legibility and high-contrast visibility should be prioritized when choosing typefaces and material finishes
— Graphic letters, numbers, forms, and stencil cutting shall be visually clear and crisp, without rounded positive or negative corners, distortion, bleeding, running, or other irregularities. All edges and lines shall be true, square and plumb, and curves shall be true to radius and free of cut or ragged edges
— Use concealed fasteners and anchors unless indicated to be exposed
— Cut letters, symbols and numbers from solid plate material of thickness indicated
LACTATION ROOM

DEFINITION
Embedded within Northwestern spaces, Lactation Rooms are private rooms available for use by nursing mothers and often require special access.

PROGRAM REQUIREMENTS
— Provide a space at least 90-100 sf to accommodate two mothers if demand requires.
— Provide card reader access that communicates when the room is occupied.
— Provide an occupancy indicator outside the room.

CONFIGURATIONS
1. **NURSING SPACE**
   — Lounge chair or glider without casters, with arms, and upright back support.
   — When applicable, a divider curtain to allow for use by two mothers simultaneously.
   — Two mobile and height adjustable tables per chair should be provided: one for pumping equipment and the second for personal devices.
   — Full length mirror or large mirror above counter surface.

2. **SANITATION SPACE**
   — ADA accessible sink and counter space for easy and efficient cleaning.
   — Amenities such as hand soap, disinfecting hand soap and surface cleaner.
   — Paper towels and/or sanitizer wipes.
   — Freestanding trash receptacles located along the wall adjacent to the latch side of the entry door.

3. **STORAGE**
   — Counter space with storage below.

4. **EQUIPMENT**
   — Undercounter, ADA accessible refrigerator.
   — Optional ice maker.

5. **BABY CHANGING STATION**
   — Extended counter surface with baby guard when adequate surface area allows. Steel wall mounted baby changing station when surface space is not available.
   — Diaper disposal.

USER EXPERIENCE
Private and safe. Lactation rooms should shelter activity and provide a sense of security to mothers. When possible rooms should have additional acoustical separation, with low to no visibility to the interior of the room.

Personal. This space is meant to provide a sense of security by being adaptive and remaining familiar and personal.

Calm. This space is meant to provide a restful, calming and respectful environment.

Intuitive. Lactation Rooms should be easy to locate (potentially adjacent to a women’s bathroom) and should support a more mobile lifestyle through the inclusion of amenities such as access to water for clean up.

Accessible. This is a barrier-free and easily accessible connector between spaces. Lactation Rooms should be designed intuitively allowing for easy navigation.

Add: Acoustical privacy statement.

SANITATION SPACE
— ADA accessible sink and counter space for easy and efficient cleanup.
— Amenities such as hand soap, disinfecting hand soap and surface cleaner.
— Paper towels and/or sanitizer wipes.
— Freestanding trash receptacles located along the wall adjacent to the latch side of the entry door.

STORAGE
— Counter space with storage below.

EQUIPMENT
— Undercounter, ADA accessible refrigerator.
— Optional ice maker.

BABY CHANGING STATION
— Extended counter surface with baby guard when adequate surface area allows. Steel wall mounted baby changing station when surface space is not available.
— Diaper disposal.

ELEMENT RELATIONSHIPS
— Lactation rooms are meant to provide natural, ergonomic solutions to mothers while nursing or pumping. Lightweight, flexible furniture enables mothers to flow between tasks fluidly. Whether moving a table closer to a chair, or shifting positions while pumping, or multi-tasking, mothers should feel comfortable and enabled to adjust the room to their personal needs.
— Lactation rooms are meant to provide a sense of security by remaining familiar and intuitive. Furniture and accessories should offer privacy from adjacent spaces and between users if multiple users need to use the space.
— Fixtures should provide adequate space for Nursing Mothers to wash utensils. Fixtures should not only meet specific requirements under Division 22 Plumbing of the Northwestern Design Guidelines and Technical Standards, but they should also be very easy to clean. Sanitation is critical for Lactation Rooms.
— This space should use dimmable lights and, if applicable, curtains or window shading, in order to control light levels. A user controlled thermostat along with controlled lighting gives mothers the ability to create a desired level of comfort and relaxation. If dimming is not available, consider bi-level switching or having overhead lighting supplemented with softer, warmer task-oriented lighting. In Lactation Rooms, include a user controlled thermostat and two electrical outlets, minimum: one next to the nursing chair and table, installed at or slightly above 20” AFF, and one centered above counter surface.

ADD: Acoustical privacy statement.
LACTATION ROOM

FINISH VARIATIONS
While the size and configuration of every lactation room will vary, each should obtain an overall clean and warm look and feel. As a base, select a dominant floor and wall tile that compliment the overall building aesthetic, then balance the remaining finishes with contrasting color and texture.

Lactation Rooms should be a quiet setting that uses sound dampening materials to absorb sound and reduce actual and perceived noise. This space should be easy to clean and sanitize, including upholstery that uses cleanable, wipeable fabric. This space should provide a feeling of belonging and inclusiveness using neutral, calm colored walls.

LOOK & FEEL

Common.
LACTATION ROOM

F-02

FLOORS / MEDIUM TRAFFIC:

b. Paint

W-01

WALL FINISHES / HIGH CONTACT:

d. Wallcovering

DESIGN CONSIDERATIONS
— Comfortable, welcoming, and evoke a sense of being cared for
— No casters, fully upholstered
— High back upright sit with arms
— Products similar in function to:
  1. Brava 862/863 Compact Comfort by Nemschoff: Higher arm & back for comfort, ergonomic support
  2. Modern Amenity by OFC Brands: Variety of configurations; glider capabilities
— Height ranging from 19"-25" high

FR-05

FURNITURE / LACTATION ROOM:

a. Small Table

b. Glider

da. Counter / Storage

M-04

MILLWORK:

b. Counter / Storage

SPECIFICATION
Manufacturer: Millwork
Style: Custom
Counter Finish: See Restroom M-05b solid surfaces
Base Cabinet Finish: PLam

DESIGN CONSIDERATIONS
— Clean lines, seamless appearance
— Wide range of design choices and possibilities for aesthetic expression
— Lighter color and textured plastic laminate surfaces have better scratch resistance than darker, smoother colors. Therefore, the choice of color and finish should be made to suit the particular application for which it is intended
— Built-in undercounter refrigerator

DESIGN CONSIDERATIONS
— From focal point to casual mood-setting wallcovering designs inspiring solutions to meet not only aesthetic needs, but also practical needs
— Wallcovering should add richness and depth to a space, provide acoustical properties, high performance and durability
— Throw brand colors and other visual components that people identify and remember most about a brand (refer to brand specs)
— Use vinyl or textiles for high traffic areas
— Type III grade wallcovering; over 33oz. per 54" linear yard
— Meets highest resistance to abrasion, staining, tearing, crocking, colorfastness, and breaking strength criteria
— Meets blocking resistance, coating adhesion, cold cracking resistance, and heat aging resistance standards
— Backing: Acrylic Latex with Mildew Inhibitor / Fused Bonded / Fused Polyester

DESIGN CONSIDERATIONS
— Yam: DuPont Antron Nylon or equivalent
— Yam color: Yarn Dyed / Solution Dyed
— Provide 28 oz. minimum yarn weight and 38 oz. minimum yarn weight
— Primary Backing: Polypropylene or equivalent
— Secondary backing: interlocked with face yarn or unitary (for glue-down installation), Polypropylene or equivalent (for tackless installation)
— Avoid soft, cushy and high pile carpet

DESIGN CONSIDERATIONS
— Yam: Decorators White OC-20
— Alternate white paints: Benjamin Moore: Bona White, White Dove, China White, Linen White, Super White (for ceilings and soffits)

Manufacturer: Benjamin Moore
Style: Eggshell
Color: Decorators White OC-20

DESIGN CONSIDERATIONS
— Yam: Bona White, White Dove, China White, Linen White, Super White (for ceilings and soffits)
— Alternate white paints: Benjamin Moore: Bona White, White Dove, China White, Linen White, Super White (for ceilings and soffits)

b. Paint

c. Wallcovering
COMMUNICATING STAIRS

USER EXPERIENCE

**Timeless.** This space should feel timeless and classic, portraying a level of permanency.

**Familiar.** This space is meant to remain reserved and conventional; this space provides a sense of security by remaining familiar.

**Active.** Stairs in general can help users gain mental clarity by increasing energy and serotonin in the brain. It also saves energy when used as an alternative to the elevator. Attention should be given in the design of stairs so that these transition spaces may be activated into dynamic, multi-use areas when possible. These secondary stairs can also be great spaces to get exercise or to clear the mind.

**Transparent.** Open, or fully glazed, staircases can be prominent connections between levels, engaging people through visual connection and enhancing the experienced volume of space.

**Accessible.** This is a barrier-free and easily accessible connector between spaces; navigation is intuitive. Secondary staircases are often critical for safety and egress and should always remain clear of obstruction.

DESIGN STRATEGIES

— Plan stairs to receive high traffic and feel safe for everyone that uses them at any time of day. Slip-resistant finishes are especially important at ramps and steps. Rougher finish coatings are critical when using hard surface flooring. Provide easy transitions between levels. This space should introduce more polished, higher-end finishes in prominently featured open staircases that are meant to make a statement. In secondary stairwells, more modest finishes should be used. Handrails should be stainless steel or wood. This space should be easy to clean and should be able to withstand a moderate level of upkeep and still look and feel clean.

— Plan stairs to receive high traffic and feel safe for everyone that uses them at any time of day but can use accent lights to help evoke a mood and a feeling of comfort and relaxation.

— Open stadium type stairs can transform a staircase into an impromptu auditorium, an alternative study space or a small social gathering space. Utilize simple furniture and accessories to assist in creating a multi-use staircase when applicable.

ELEMENT RELATIONSHIPS

— Define Guardrail and handrail material? Here? or in DG?

— This space should be well-lit and feel safe for everyone that uses them at any time of day but can use accent lights to help evoke a mood and a feeling of comfort and relaxation.

— Open stadium type stairs can transform a staircase into an impromptu auditorium, an alternative study space or a small social gathering space. Utilize simple furniture and accessories to assist in creating a multi-use staircase when applicable.
**COMMUNICATING STAIRS**

**FINISH VARIATIONS**
While the size and configuration of Stairs will vary, each should obtain an overall clean and warm look and feel. As a base, select a dominant floor and wall material that compliment the overall building aesthetic, then balance the remaining finishes with contrasting color and texture.

**LOOK & FEEL**

South Campus Parking Garage  
Kresge Hall  
McCormick Center  
Kresge Hall  
Kresge Hall  
McCormick Center  
South Campus Parking Garage
FLOORS / HIGH TRAFFIC:

DESIGN CONSIDERATIONS
— The stone chosen should tie in with any natural stonework existing on the inside or the outside of the building
— Because of its presence, ability to last, and sense of timeliness, it is particularly good for use in spaces that are more public-facing
— The stone used should not be flashy, but evoke a calming, natural feel representative of the Lake Michigan
— Local stones like granite are preferred
— Granite: Uniform stones, fine/medium-grained, without veins, are preferred
— Granite preferred finish: polished, honed or thermal
— Slabs preferred finish: honed, sand rubbed, natural cleft
— Slate stone preferred: Black, blue-black, gray, blue-gray, green, purple, mottled purple and green, red–with a fine, even grain and unfading color

SPECIFICATION
Specific tones, colors and aggregates to be selected per project.

DESIGN CONSIDERATIONS
— The terrazzo chosen should tie in with any existing visual aesthetic on the inside or the outside of the building
— Terrazzo flooring designs are highly customizable to meet nearly any design need. The chip combinations and color selections are preferred to be from natural toned matrices and should thoughtfully align with the goals of the project
— Consider an integral terrazzo base when feasible
— Local manufacturers and aggregate suppliers are preferred
— Seal surfaces according to NTMA’s written recommendations

SPECIFICATION
Specific tones, colors and local aggregates to be selected per project.

Finish: Polished and Sealed

DESIGN CONSIDERATIONS
— Concrete material can evoke a raw and industrial feel in spaces that are meant to promote creativity and making
— When coupled with a sophisticated execution of details or when used in contrast with softer materials on adjacent surfaces, concrete can offer a refined, minimal and classic look to a space
— A sealed and regularly maintained concrete floor can last indefinitely
— When sealed properly concrete is abrasion resistant to fire, water, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor
— Epoxy or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, or exposed-aggregate concrete

DESIGN CONSIDERATIONS
— There are limitless styles in porcelain tile flooring as these tiles are made to look like granite, slate, marble, wood or limestone. In comparison it is also more cost effective and low in maintenance
— Avoid light colored grouts on floors and other horizontal surfaces

Porcelain Tile

SPECIFICATION
Specific tones, colors and local aggregates to be selected per project.

Finish: Polished

DESIGN CONSIDERATIONS
— Consider rubber stair treads with integral nosing. Preference for smooth or hammered finish
— Apply Schutte edging at all outside

Resilient Floor

Here is the text from the DG. Incorporate it here?

For interior and exterior public stairs, provide full length, non-slip nosings and treads. Avoid painted handrails. Use glass railings only in high profile locations and in locations approved by the NU Facilities PM.
MEDITATION ROOM

DEFINITION
Meditation Rooms are spaces designated for non-denominational prayer, meditation and spiritual expression. These can be essential spaces for students, staff and faculty while attending work, school or events.

USER EXPERIENCE
Transitional. This space should evoke feelings of belonging and inclusiveness with a thoughtful transition from one space to the next. Meditation Rooms should be able to be adapted for several types of denominations, and should support a multitude of religious groups and movements.

Private. When possible rooms should have additional acoustical separation, with low to no visibility into the interior of the room.

Inclusion. Inclusion of meditation rooms, particularly in multiple convenient locations on campus, saves users both travel time and stress.

PROGRAM REQUIREMENTS
- Provide as identified in program
- Provide a minimum of 400 sq ft
- Install Room scheduling equipment for different users throughout the day
- Include white noise solution for additional acoustics as necessary

CONFIGURATIONS
1. INDIVIDUAL FOCUS
   - Seating and/or mats are configured to allow for sufficient personal space and circulation

2. STORAGE
   - Adequate cubby storage for shoes, rugs, kneelers

3. WASH
   - Adequate space to wash hands and feet

WASHABLE SURFACES

FLOOR PLAN

SPATIAL CONSIDERATIONS
- Meditation Rooms should feel timeless and classic, portraying a level of permanency with its finishes, while the floor space is kept transitional and easily adaptive depending on the number of users at a given moment. Materials should also feel classic and timeless while performing extremely well over time. Meditation Rooms should be a quiet setting that uses softer surfaces to absorb sound and reduce noise.
- While accessories may be minimal in Meditation Rooms, their function is important. This space is meant to provide a sense of security by remaining familiar, intuitive and natural. Furnishings should be comfortable and make users feel at ease.
- This space should use dimmable lights and controllable window shading to help create a feeling of comfort and relaxation.
- Brand elements should tell the story of the space, and encourage individual expression through prayer, meditation or other spirituality. This essential, calming space should prioritize the following attributes:
- Include an indication of the cardinal direction of the room.
FINISH VARIATIONS
While the size and configuration of meditation rooms will vary, each should obtain an overall clean and neutral look and feel. As a base, select a dominant floor and wall finish that compliments the overall building aesthetic, then balance the remaining finishes with contrasting colors.
MEDITATION ROOM

F-01 FLOORS / HIGH TRAFFIC:
- One of the prime benefits of working with resilient flooring is the unlimited possibilities of style and design
- Minimum 4-inch height wall base is recommended
- Flash cove base preferred when exposed to extreme conditions and wet areas
- Decorative base in residential setting
- Tile provides an easier replacement
- Sheet goods provide a seamless, continuous look
- For Residential areas use vinyl/composite tile (VCT) or luxury vinyl tile (LVT) with no padding (refer to Northwestern Design & Technical Standards)
- For Residential areas use rubber or painted hardwood base, semi-gloss finish (refer to Northwestern Design & Technical Standards)
- Resilient flooring – also known as 'vinyl' or 'sheet vinyl' – is extremely durable, easy to maintain, and wear-resistant

F-02 FLOORS / MEDIUM TRAFFIC:
- Wood
  - To elicit a sense of honesty and truth, wood should remain unstained to truly evoke its natural state
  - Use wood to evoke a sense of history and timelessness, and add warmth and comfort to the space
  - Where possible, avoid the use of lighter blonde woods or redder cherry woods
  - Use wood sparingly in Common Spaces; consider more for Residential Living spaces than Academic, Assembly, Administrative or Sports & Recreation

W-01 WALLS / HIGH CONTACT:
- Paint can be a striking and cost effective design element
- Designs are highly customizable to meet nearly any design need and enhance the beauty of any space
- Through a powerful tool of color to entice and engage a target audience, conveying messages and meaning of brand, utilized in brand strategy / story
- Standard alternate white paints to use: Benjamin Moore; Decorators White, Bone White, White Dove, China White, Linen White
- For purple paint, specify Northwestern Purple and accompanying shades of purple within Northwestern's range of unique color swatches, refer to Northwestern Branding Guidelines
- Benjamin Moore: Super White (for ceilings and soffits)
- Standard alternate white paints to use: Benjamin Moore; Decorators White, Bone White, White Dove, China White, Linen White
- For purple paint, specify Northwestern Purple and accompanying shades of purple within Northwestern's range of unique color swatches, refer to Northwestern Branding Guidelines
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M-01 MILLWORK / LOUNGE:
- Millwork
  - Easily cleanable, wipeable
  - Product must have components or pieces, that can be replaced easily in the field if damaged
  - Adequate storage space for personal items, including mats, shoes and kneelers

M-03 MILLWORK / LOUNGE:
- Storage Millwork
  - Easily cleanable, wipeable
  - Product must have components or pieces, that can be replaced easily in the field if damaged
  - Adequate storage space for personal items, including mats, shoes and kneelers
**CORRIDOR**

**DEFINITION**
Side Streets are secondary or tertiary corridors that generally connect additional spaces to the Main Street, while also providing an opportunity to express intellectual discovery and innovation.

**USER EXPERIENCE**

- **Ephemeral.** Side streets should feel transitional and have a temporary ephemeral quality to it; this space is meant to be continuously changing.
- **Transitional.** Use side streets to integrate and overlap one function or program with the next in a natural, welcoming way; this space should provide a feeling of belonging and inclusiveness with a gentle transition.
- **Familiar.** This space is meant to be conventional in its wayfinding solutions and the basic amenities it offers; this space provides a sense of security by remaining familiar and intuitive.
- **Transparent.** Clearly delineate what activities are occurring in neighboring spaces; this space should have a visible connection between spaces.
- **Showcase & Deflect Attention.** Highlight attention on work, ideas, and/or influences of adjacent programs. This space should communicate the transformative, academic, personal and multi-disciplinary achievements and processes carried out by the students and faculty of Northwestern.
- **Accessible.** This is a barrier-free and easily accessible connector between spaces; navigation is intuitive. Side Street Corridors that are also a mean of egress should always remain clear of obstruction.

**CONFIGURATIONS**

1. **PROMOTIONAL SPACE**
   - Surface area available for two-dimensional display and content sharing
   - Highly visible location

2. **INTERACTIVE VERTICAL SPACE**
   - Interactive writable or tackable space

**SPATIAL CONSIDERATIONS**

- This space is likely located closer to offices and/or classrooms, so utilize softer surfaces to absorb sound and reduce noise for a more quiet setting near entrances. Although these corridors experience lower volumes of traffic, they should be made of high traffic materials that are easy to maintain. This space should be easy to clean and should be able to withstand a moderate level of upkeep.
- Side Streets have a slower movement of people, so opportunities to exchange more in-depth information is encouraged. Activate these transitions spaces into exciting areas by fostering communication/socialization and creating visual connections with the adjacent spaces. Use the side street to develop a precise way to connect formal and informal academic communication.
- Academic side streets should be well-lit and feel safe for everyone that uses them at any time of day.
- Brand elements should highlight this circulation space first as an opportunity to celebrate intellectual vibrancy and identity at a more focused level than the main streets. As a transitional space, brand content should prioritize the following attributes:
**FLOORS / HIGH TRAFFIC:**

### a. Stone

**SPECIFICATION**
- Manufacturer: Atlas Concorde
- Style: Statuario Select, Matte Rectified
- Color: Graphite (Dark)
- Finish: Polished and Sealed

**DESIGN CONSIDERATIONS**
- The stone chosen should tie in with any existing visual aesthetic on the inside or the outside of the building.
- Natural stonework existing on the inside or the outside of the building can last, and sense of timelessness, it is representative of the Lake Michigan but evoke a calming, natural feel.
- Consider an integral terrazzo base when thoughtfully align with the goals of the project.
- Although resistant to water, thoughtfully incorporate walk-off mats when required.
- Select calm pattern and color that hide wear, fade, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor.
- Epoxy or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, stamped or exposed-aggregate concrete.

### b. Terrazzo

**SPECIFICATION**
- Specific tones, colors and local aggregates to be selected per project.
- Manufacturer: Terrazzo & Marble Supply Co.
- Style: Terrey WB Urethane - Custom Blend

**DESIGN CONSIDERATIONS**
- The terrazzo chosen should tie in with any existing visual aesthetic on the inside or the outside of the building.
- Terrazzo flooring designs are highly customizable to meet nearly any design need. The chip combinations and color selections are preferred to be from natural toned matrices and should thoughtfully align with the goals of the project.
- Consider an integral terrazzo base when feasible.
- Select calm pattern and color that hide wear, fade, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor.
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- Epoxy or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, stamped or exposed-aggregate concrete.

### c. Concrete

**SPECIFICATION**
- Specific tones, colors and local aggregates to be selected per project.
- Manufacturer: Concrete Collaborative
- Style: Laguna, Matte

**DESIGN CONSIDERATIONS**
- Concrete material can evoke a raw and industrial feel in spaces that are meant to contrast with softer materials like felt or wood on adjacent surfaces, concrete can promote creativity and making and when coupled with a sophisticated execution of details or when used in execution of details or when used in an industrial feel in spaces that are meant to promote creativity and making.
- When sealed properly concrete floor can last indefinitely.
- Although resistant to water, thoughtfully incorporate walk-off mats when required.
- Select calm pattern and color that hide wear, fade, odors, however hairline cracks, scratches, staining may occur over time, but add to the luster and character of the floor.
- Epoxies or polyurethane sealer types are recommended on floors in high-traffic to provide good resistance to scuffs and staining to enhance the beauty of colored, stamped or exposed-aggregate concrete.

### d. Porcelain

**SPECIFICATION**
- Specific tones, colors and local aggregates to be selected per project.
- For concrete tile:
  - Manufacturer: Concrete Collaborative
  - Style: Laguna, Matte
  - Manufacturer: Stone Fusion
  - Style: Dom Ceramiche 6x36

**DESIGN CONSIDERATIONS**
- There are limitless styles in porcelain tile flooring as these tiles are made to look like granite, slate, marble, wood or limestone. In comparison it is also more cost effective and low in maintenance.
- Avoid light colored grouts on floors and other horizontal surfaces.
- For restroom tile use MAPEI Flexcolor CQ ready-to-use grout with color-coated quartz. Colors: Pewter 02, Charcoal 47 & Iron 107.
- Apply Schluter edging at all outside corners and top of tile.
**SPECIFICATION**

Manufacturer: Benjamin Moore  
Style: Eggshell  
Color: Decorators White CC-20

**DESIGN CONSIDERATIONS**

— Paint can be a striking and cost effective design element.  
— Designs are highly customizable to meet nearly any design need and enhance the beauty of any space.  
— Through a powerful tool of color to entice and engage at target audience, conveying messages and meaning of brand; utilized in brand strategy/story.  
— Standard alternate white paints to use: Benjamin Moore: Decorators White, Bone White, White Dove, China White, Linen White  
— For accent paint, specify Northwestern Purple and accompanying shades within Northwestern’s range of unique color swatches. Refer to Northwestern Branding Guidelines  
— Benjamin Moore: Super White (for ceilings and soffits)

**WALL FINISHES / HIGH CONTACT:**

**Wall Tile**  
**Paint**  
**Tackable Surface (optional)**

**DESIGN CONSIDERATIONS**

— Tile products provide dual functions, they serve an aesthetic function as a design component and technical function as a building finishing material that is capable of withstanding a wide range of environmental stresses.  
— Materials used should be easy to repair or replace individual tiles.  
— Consider large format porcelain tile in high traffic corridors

**SPECIFICATION**

Manufacturer: Forbo

**DESIGN CONSIDERATIONS**

— Integrated with existing architecture; provides seamless, clean look  
— Celebrates impact of various achievements, people, etc  
— Matte surface preferred to reduce reflections caused by sunlight or artificial light  
— Made of primary natural materials consisting of linseed oil, cork, rosin binders and dry pigments mixed and calendared onto a natural jute backing  
— ¼” (6mm) gauge for tackboard  
— Wood or metal framed (optional); Display case with tackable back panel cabinet

**WALL FINISHES / MEDIUM CONTACT:**

**Wall Tile**  
**Paint**  
**Tackable Surface (optional)**

**DESIGN CONSIDERATIONS**

— Tile products provide dual functions, they serve an aesthetic function as a design component and technical function as a building finishing material that is capable of withstanding a wide range of environmental stresses.  
— Materials used should be easy to repair or replace individual tiles.  
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— ¼” (6mm) gauge for tackboard  
— Wood or metal framed (optional); Display case with tackable back panel cabinet

**MILLWORK / LOUNGE:**

**Built in Seating**  
**Storage Millwork**

**DESIGN CONSIDERATIONS**

— Easily cleanable, wipeable  
— Product must have components or pieces, that can be replaced easily in the field if damaged
**DESIGN CONSIDERATIONS**

- Preference to include walk off type carpet at all entry vestibules and adjacent corridor or lobby to provide a minimum of 10ft length of carpet.
- Select dark heathered color to hide dirt and salt.

**Walk Off Grade Carpet Tile**

**DESIGN CONSIDERATIONS**

- Preferred Format: Stand in place Mat or Roll goods for ease of maintenance and replacement.
- Cut and frame mats unique to a room or application if standard sizes are unfavorable. Avoid recessed frame solutions.
- Select darker colors that complement the design of the room.
- Custom, inlaid or woven-in graphics supported.
- Designed for high traffic conditions of up to and greater than 1,000,000 people/year.
- Consider solution-dyed fibers.
- Consider high durability backing (such as or similar to Flexion Vinyl or Slip Resistant PVC) that will not stain floor and will prevent mold, mildew, fungus and water damage.
- Backing material should securely attach the mat to the floor so the edge is secure.
- Low profile (1/4" max) allows foot, cart and wheelchair traffic to move easily over the mat.
- Backing material should securely attach the mat to the floor so the edge is secure.
- Low profile (1/4" max) allows foot, cart and wheelchair traffic to move easily over the mat.

**ENTRY MATS**

**ENTRY ACCESSORIES:**

- Recessed entry flooring is not supported at Northwestern, however when retrofitting an existing condition cannot be avoided, obtain foot grilles and frames from the single source - manufacturer.
- Frames for foot grilles of same material as other framing members to match tread rail finish.
- Tread Rail Spacing: 1 1/2" on center with 1/8" to 3/16" wide openings between treads.
- Top Surface: Fusion bonded level cut pile nylon carpet inset; DuPont Antron III filament, 1/4" high, 28 oz. per sq. yd.
- Provide cushion support system.
- Provide special deep pit frame and support extrusion system with intermediate support beams, sized and spaced as recommended by manufacturer for indicated spans and equipped with vinyl support cushions.

**ENTRY MATS**

**Map / List / Digital Option**

**SIGNAGE**

**Room Identification**

**Transportation**

**Design entry level flooring & vestibules to accommodate walk-off carpet.**

Provide a length of the walk off carpet that satisfies LEED criteria or is a minimum of 16 linear feet, whichever is longer. Provide a width that matches the entrance door width.

Select dark heathered color to hide dirt and salt.

**Room Identification / Single User Restroom**

**Rules & Regulations**

**Wall Mounted**

**Floor Mats**

**Integrated Entry Flooring (if applicable)**
BRAND COMMUNICATION

**EXPERIENCE & STORYTELLING / FACULTY DISPLAYS:**

- **SPECIFICATION**
  - Manufacturer: Custom
  - **DESIGN CONSIDERATIONS**
    - Graphics should highlight achievements and unique intersections in the lives of alumni, students and faculty, telling a layered story that relates to the school.
    - Digital media displays should exemplify the overall Northwestern University brand, guiding principles, or tell a story about a department, historical element, or other aspect of the Northwestern experience.
    - Story development should consider the designation of a content manager.
    - Digital: Prioritize low-profile monitors with minimal framing and a high pixel aspect ratio.
    - Materials and finishes chosen should relate to the use, activity or spirit of the space. Prioritize the use of a flexible system to allow for relatively simple content updates.
    - Provide all power supplies and wiring as required.
    - Product must have components or pieces, that can be replaced easily in the field if damaged.
    - Consider lighting / lightbox design option.

**EXPERIENCE & STORYTELLING / WALL GRAPHICS:**

- **SPECIFICATION**
  - Manufacturer: Custom
  - **DESIGN CONSIDERATIONS**
    - Applications include stencil paint, high quality digitally printed wallcovering/ vinyl, or direct print on substrate. Stencils to be laser cut with crisp edges.
    - Level 5 wall finish required.
    - Wallcovering: See W-01c & W-02c specifications; Coordinate with vendor to create minimal seams.
    - Photography: Use photo files 300 dpi or higher.
    - Artwork to be output at a 6 color (CMYK + light magenta + light cyan) 600 x 1200 dpi output resolution (or better).
    - Artwork to be printed using UV protected inks; Use with wide-format solvent and UV-curable printing systems.
    - Digital Wallcovering with Non-Halogen/ NonHalogen protective coating, or similar, Type II, certified commercial grade wall covering.
    - The vinyl wallcovering and adhesives shall contain mildew inhibitors.

**EXPERIENCE & STORYTELLING / MODULAR SYSTEMS:**

- **SPECIFICATION**
  - Manufacturer: Project Specific
  - **DESIGN CONSIDERATIONS**
    - Installations should exemplify the overall Northwestern University brand, guiding principles, or tell a story about a department, historical element, or other aspect of the Northwestern experience.
    - Prioritize secondary circulation zones for placement, and gathering places for primarily student and staff audiences.
    - Consider the need for flexibility and staffing resources when designing content for gallery walls.
    - Consider the life-span of content when designing. If content is meant to be permanent, prioritize high finishes and classic, timeless designs over flexible design styles for less permanent solutions.
    - Content should work together to tell a cohesive story.
    - Easily cleanable and wipeable materials.
    - Consider integrated lighting design approach.

**EXPERIENCE & STORYTELLING / ARTWORK:**

- **SPECIFICATION**
  - Manufacturer: Custom
  - **DESIGN CONSIDERATIONS**
    - Artwork should exemplify the overall Northwestern University brand, guiding principles, or tell a story about a department, historical element, or other aspect of the Northwestern experience.
    - Artwork throughout a space should work together to tell a cohesive story.
    - Inclusion should be considered in artwork and imagery selection.
    - Student Artwork: Prioritize placement in circulation zones where the primary audience is students and staff.
    - Commissioned Artwork: Prioritize placement in major circulation zones with an exterior facing audience such as parents and community members. Artists chosen should have relevant connections to the University or surrounding community.
    - Donor Portraits: Donor portraits should be displayed when requested by the donor, and integrated appropriately into the surrounding design scheme, typically located in lobbies.
    - Artwork should include a plaque or tag placed nearby for recognition of the artist, medium, year and other significant information.

**ARTWORK:**

- **STORYTELLING / WALL ARTWORK**
  - **SPECIFICATION**
    - Manufacturer: Custom
    - **DESIGN CONSIDERATIONS**
      - Artwork should include a plaque or tag placed nearby for recognition of the artist, medium, year and other significant information.
      - Inclusion should be considered in artwork and imagery selection.
      - Student Artwork: Prioritize placement in circulation zones where the primary audience is students and staff.
      - Commissioned Artwork: Prioritize placement in major circulation zones with an exterior facing audience such as parents and community members. Artists chosen should have relevant connections to the University or surrounding community.
      - Donor Portraits: Donor portraits should be displayed when requested by the donor, and integrated appropriately into the surrounding design scheme, typically located in lobbies.
      - Artwork should include a plaque or tag placed nearby for recognition of the artist, medium, year and other significant information.

**GRAPHICS:**

- **STORYTELLING / WALL GRAPHICS**
  - **SPECIFICATION**
    - Manufacturer: Custom
    - **DESIGN CONSIDERATIONS**
      - Direct Substrate Printers shall provide high-quality, full color images directly onto a variety of flat substrates. Substrate examples include (but are not limited to) Acrylic, PVC, Polycarbonate, Aluminum, Stainless Steel, Wood, etc.
      - Printer to have C, M, Y, K, CL and W print heads (minimum) with UV curable inks and UV LED Lamp to cure ink while printing. Minimum reproduction print quality up to 1440 dpi.
      - Flattened printing size for substrates up to (and including) 48” x 96”.
      - Printer to accept substrates up to 2” thick.
      - Printer to have white ink capabilities to create under-coat/primer on dark substrates and opaque under-coat/primer on clear substrates.
      - Clear ink to provide protective over-coating and variable sheen finishes including full-surface glossy printing.
      - Printer to have mask pattern capability to effectively curtail visible banding.
      - Printer to have variable drop function to produce smooth and natural gradations.
      - Printer to provide smooth and natural gradations.