

The following pages contain building planning considerations and spatial requirements of space types common in CU Boulder residence hall facilities and describe their interrelationships. Space descriptions include typical moveable equipment anticipated within each area. Verify if equipment is provided by Owner. Refer to the Technical Criteria and CU Boulder Standards for additional information including built-in fixtures, equipment and accessories. Space Data Sheets may include room types not included in the Program Plan. Additional room types are described as potential alternative to room configurations and further describe the Owner's intent for the qualities of the completed facility. Ancillary spaces required for building function may not be described herein.

I. PLANNING

A. CEILINGS AND CEILING HEIGHTS

1. All ceilings shall be no less than 8'-0" except in areas of soffits that are required to enclose duct, pipes and other systems, and as noted below. Ceiling heights of 9'-0 are preferred for all public areas.

B. CORRIDORS

1. Primary corridors shall be no less than 5'-0" in width (this may vary *slightly in select locations* if the Design-Build Team determines that doing so will improve the overall plan).

C. ROOM SIZES

1. Provide minimum room dimensions or approximate room proportions as indicated in the Room Programs, or proportions appropriate for the use and fixtures/furnishings indicated.
2. Classrooms should be located and designed to prevent structural components from occurring in the interior space of these rooms causing interrupted visual sight lines.

D. BUILDING SYSTEMS

1. All ducts, pipes, conduits, wires and devices must be concealed within walls, ceilings or soffits (Exception: Inside mechanical, electrical, and custodial rooms and utility closets).
2. Ease of access to building systems for maintenance shall be considered during the design and installation of equipment and systems.

E. ADJACENCIES

1. No utility spaces (Custodial Closets/Rooms, IT Closets/Rooms, Electrical and Mechanical Closets/Rooms) may be adjacent to any bedrooms. Of these spaces, only custodial closets may be adjacent to Common Bathrooms.
2. Room locations shall consider noise impacts on adjacent rooms and on living spaces below the space. Student bedrooms and apartments should be separated from toilet rooms and other commons facilities.

F. ACCESSIBILITY

1. All public areas of the project must be ADA accessible; this includes all areas inside the building separated from student residence areas by security doors. ADA access is required to the main entry. Within secure student residence areas, all common use rooms (i.e. study lounges, laundry areas, etc.) are to be accessible.

G. FURNISHINGS

1. See space data sheets for typical room furnishings and equipment. Dimensions provided are an example only; provide sufficient space in design to allow for typical furnishings from alternative suppliers in the future.

H. FLOORS

1. Floor/ceiling assemblies shall provide a minimum STC rating of 55 and a minimum IIC rating of 55. Additional IIC rating is suggested in areas above classrooms, Hall Director and Faculty apartments. Where attic floor areas/levels are required for mechanical and electrical equipment, access must be provided. This floor needs to provide a STC rating of 55.

I. STAIRS

1. Provide fully fire-rated stairwell shafts.
2. Stairways shall be considered as significant circulation elements of the building. Stairway design should encourage student interaction and consider special needs of student move-in/move-out periods. Daylight, view windows and oversized landings in stairways are encouraged.
3. Provide stair access to attic spaces.

J. DECONSTRUCTION

1. CU desires to maximize reuse and recycling of existing building materials. Refer to CU Building and Construction Standards – Appendix 7: Waste Reduction/Recycling.

[END OF SECTION]

II. CRITERIA FOR ROOM TYPES

A. RECEPTION/24 HOUR DESK AREA

Provides greeting point of all residents and guests; staffed to provide information and general supervisions of the resident areas.

1. Finishes
 - a. Floors: Porcelain Tile.
 - b. Walls: Drywall.
 - c. Base: Porcelain Tile.
 - d. Ceiling: Drywall and/or wood slat ceiling.
2. Casework
 - a. Reception/24 Hour Desk: Provide plastic laminate base cabinet (with doors) and solid-polymer surfacing material top, minimum 12'-0"L x 30"D x 40"H, with an accessible area that is 34" high. Provide cabinets and two tiers of drawers. Provide locks on cabinets and drawers – coordinate with Project Manager and Residence Life. Provide cabinet for computer equipment. Provide fifteen (15) mailboxes at reception area. Mailboxes to be 12" W x 12" D x 4" H.
 - b. Storage Rooms: Provide plastic laminate counter with cabinets above and below throughout room.
 - c. Reception Work Room: Provide plastic laminate counter with upper and lower cabinets.

B. GREAT ROOM/COMMUNITY ROOM

Social hub and meeting space for residents, lobby area for guests.

1. Finishes
 - a. Floors: Carpet.
 - b. Walls: Drywall.
 - c. Base: Carpet.
 - d. Ceiling: Drywall.
2. Casework:
 - a. Provide plastic laminate A/V Cabinet &/or "Smart Box" and Laptop Shelf per UCB Telecommunications Standards (provide lock on A/V cabinet).
3. Accessories
 - a. Provide one 96"W x 72"H projection screen in accordance with UCB Building and Construction Standards, Appendix 9 – Classroom Guidelines, recessed in soffit.
 - b. Provide a bracket for a ceiling-mounted projector.
 - c. Audio Visual System per CU Standards.

C. STUDENT BREAK ROOM

Space is provided for residents to prepare food for personal consumption.

1. Fixtures and Accessories (refer to Plumbing Fixtures for additional information).
 - a. One double stainless steel sink with mixing valve and gooseneck faucet.
 - b. Garbage disposal.
 - c. Cold-water supply for coffee-service machine and refrigerator ice-maker.
 - d. One re-circulating-type residential exhaust hood.
 - e. Install one Owner-furnished paper towel dispenser.
2. Appliances
 - a. Install the following Owner provided appliances (refer also to the Room Program):
 1. Dishwasher
 2. Oven/Range
 3. Refrigerator
 4. Range hood
 5. Microwave oven

3. Finishes

- a. Floors: VCT.
- b. Walls: Drywall.
- c. Base: Rubber.
- d. Ceiling: Drywall.

4. Casework:

- a. Provide a minimum of 16 lineal feet of base and wall cabinet. Countertop to be of solid-polymer surfacing material with polymer surface backsplash to wall cabinet. Provide finished laminate to match cabinet face underneath sink area.

D. RAP OFFICES AND WORK ROOM

Faculty and administrative space in support of residential academic programs.

1. Windows

- a. Each office shall have, as a minimum, one operable exterior window.

2. Finishes (Offices)

- a. Floors: Carpet.
- b. Walls: Drywall.
- c. Base: Carpet.
- d. Ceiling: Suspended ceiling.

3. Finishes (Storage/Workroom)

- a. Floors: VCT.
- b. Walls: Drywall.
- c. Base: Rubber.
- d. Ceiling: Drywall.

4. Casework

- a. RAP Director/Administrative Assistant Offices – None.
- b. RAP Faculty Offices – None.
- c. RAP Work Room: Provide two plastic laminate base and wall cabinets (with doors) the full lengths of opposite walls (Exception: Provide empty spaces for floor-mounted copier, four-drawer filing cabinets and a residential-size refrigerator). Provide one tier of drawers in each, and locks on cabinets and drawers – coordinate with Project Manager.
- d. Storage Rooms: Provide plastic laminate counter with cabinets above and below throughout room.

E. CLASSROOMS

Rooms used for teaching academic programs. Available for resident use as study areas or social areas during times not scheduled for academic use.

1. Windows: Locate the rooms to have at least one operable exterior window and provide natural ventilation.

2. Finishes

- a. Floors: Carpet.
- b. Walls: Drywall.
- c. Base: Carpet.
- d. Ceiling: Suspended ceiling.

3. Casework

- a. Provide plastic laminate A/V Cabinet &/or “Smart Box” and Laptop Shelf per UCB Telecommunications Standards (provide lock on A/V cabinet).
- b. Provide plastic laminate shelving in Storage Closet.

4. Accessories

- a. Markerboards
 - 1. Provide 12 lineal feet of markerboard on one wall and 12 lineal feet of chalkboard on another wall.
- b. Tackboards
 - 1. Provide one 4' x 4' tackboard each in the Classroom

- c. Projection Screens
 - 1. Provide each room one 84"W x 54"H pull-down projection screen, recessed in a soffit in accordance with UCB Building and Construction Standards, Appendix 9 – Classroom Guidelines. Coordinate size and location with project manager and CU audio/visual department.
 - 2. Brackets for Ceiling-mounted Projectors: Provide one each in Classroom.
 - 3. Audio Visual System per CU Standards.
 - d. Provide manually operated 'blackout' window coverings and black miniblinds at each classroom window and door.
- F. PUBLIC TOILETS (Gender Neutral/Single Occupant)
- 1. Fixtures and Accessories
 - a. In each public toilet, provide the following:
 - 1. One water closet.
 - 2. One wall-mounted vitreous china lavatory.
 - 3. One framed mirror, 18" x 24".
 - 4. One single-piece, L-shaped grab-bar.
 - 5. One sanitary napkin disposal.
 - 6. One infrared sensor faucet.
 - 7. One Dyson Hand Dryer.
 - 2. Install the following Owner furnished accessories in each room:
 - a. One toilet paper dispenser.
 - b. One paper towel dispenser.
 - c. One soap dispenser.
 - d. One (non-electric) hand sanitizer.
 - 3. Finishes
 - a. Floors: 12" x 12" Ceramic tile as per General Notes above.
 - b. Walls: 4" x 4" Ceramic tile with accent band.
 - c. Base: To match wall tile.
 - d. Ceiling: Drywall.
- G. VENDING AREA
- 1. Finishes
 - a. Floors: VCT.
 - b. Walls: Drywall.
 - c. Base: Rubber.
 - d. Ceiling: Suspended ceiling.

H. STUDENT BEDDROOMS

Bedrooms are the primary living area of student residents. Single or double occupant rooms are preferred. Bedrooms may be supported by common bathrooms or in a suite configuration with private/semi-private bath facilities.

1. Windows
 - a. Each bedroom shall have, as a minimum, one operable window.
2. Closets
 - a. Provide one closet 3'-6" wide by 2'-0" deep, with two, 12" deep fixed shelves and a coat rod for each student bed.
 - b. Shelves: ¾" melamine-clad particle board.
 - c. Doors: All bedrooms (except in double and triple bedrooms) shall have swinging closet doors with pulls. Double and triple rooms will not have doors for the closets. Provide door frames prepped for door hardware with blank covers for double and triple bedrooms.
3. Finishes
 - a. Floors: Amtico wood plank vinyl or approved substitute. Floors must be floated for proper installation in renovations and floor prep is required for new buildings.
 - b. Walls: Drywall
 - c. Base: Rubber
 - d. Ceiling: Drywall
4. Accessories:
 - a. Provide one tackboard for each bed. Standard size is 60" x 120." Coordinate with Project Manager for specification.
 - b. Provide one 18"W x 30"H aluminum framed markerboard (no marker-tray) and one 18"W x 12"H Fabricmate tackboard on the corridor side of each bedroom entry door.
 - c. Provide evacuation map on room side of bedroom entry door.
 - d. Provide door viewer on all student doors.

I. FLOOR/STUDY LOUNGES

Used by students for both study and social activities.

1. Windows: Locate the rooms to have at least one window to corridor and exterior.
2. Finishes
 - a. Floors: Carpet.
 - b. Walls: Drywall.
 - c. Base: Rubber.
 - d. Ceiling: Suspended ceiling.
3. Accessories
 - a. Markerboards
 1. Provide 10 lineal feet of markerboard on one wall of each.
 - b. Tackboards
 1. Provide one 4' x 4' tackboard each

J. SINK NICHES

Sink area for student use in cleaning dishes and other general wet area activities. Intended to discourage use of bathrooms for such activities.

1. Fixtures and Accessories (refer to Plumbing Fixtures for additional information).
 - a. One single stainless steel sink with mixing valve and gooseneck faucet located on side of sink.
 - b. Garbage disposal.
2. Finishes
 - a. Floors: Ceramic Tile shall be installed on the floor in front of the sink niches to a depth of 2 feet.
 - b. Walls: Drywall.
 - c. Base: Ceramic Tile.

- d. Soffit: Drywall.
- 3. Casework:
 - a. Provide 5 lineal feet of plastic laminate base and wall cabinet in each niche. Countertop to be of solid-polymer surfacing material with solid-polymer surface backsplash to wall cabinet. Provide finished laminate to match cabinet face underneath sink area.

K. PRIVATE/SEMI PRIVATE BATHROOMS

Bathrooms designed for use in student bedroom suites.

1. Fixtures and Accessories

- a. In each bathroom serving one single bedroom, provide the following:

1. Fixtures:

- a. One water closet.
- b. One under-mounted solid-polymer surfacing lavatory in a solid-polymer surfacing material vanity measuring at least 22"D x 36"W. Provide a plastic laminate base cabinet with doors and one shelf, and at least one drawer.
 - i. In bathrooms serving accessible bedrooms, provide maximum amount of shelving in lieu of base cabinet if base cabinet cannot be installed adjacent to or in between the HC lavatories.

- c. One shower in solid surface enclosure measuring 36" x 36" minimum with solid surface shower pan.

2. Accessories

- a. (1) Full-size mirror above sink area.
- b. (1) Single-roll toilet tissue dispenser.
- c. (2) Robe hooks; locate one adjacent to the shower and one on the back of the bathroom door.
- d. (1) 24 inch long towel bar.
- e. (1) Wash cloth hooks, located adjacent to the vanity.
- f. (1) Shower curtain rod.

- b. In each bathroom serving two single bedrooms (connecting rooms), provide the following:

1. Fixtures

- a. One water closet.
- b. One under-mounted solid-polymer surfacing lavatories in a solid-polymer surfacing material vanity measuring at least 22"D x 60"W. Provide a plastic laminate base cabinet with doors and one shelf, and two drawers in one tier.
 - i. In bathrooms serving accessible bedrooms, provide maximum amount of shelving in lieu of base cabinet if base cabinet cannot be installed adjacent to or in between the HC lavatories.
- c. One shower in solid surface enclosure measuring 36" x 36" minimum with solid surface shower pan.

2. Accessories

- a. (1) Full-size mirror above sink area.
- b. (1) Single-roll toilet tissue dispenser.
- c. (3) Robe hooks; locate one adjacent to the shower and one on the backs of each of the two bathroom doors.
- d. (2) 24 inch long towel bars.
- e. (2) Wash cloth hooks, located adjacent to the vanity.
- f. (1) Shower curtain rod.

- c. In each bathroom serving two double bedroom suites (connecting rooms), provide the following:

1. Fixtures

- a. One water closet.
- b. Two under-mounted solid-polymer surfacing lavatories in a solid-polymer surfacing material vanity measuring at least 22"D x 60"W. Provide a plastic laminate base cabinet with doors and one shelf, and four drawers.

- i. In bathrooms serving accessible bedrooms, provide maximum amount of shelving in lieu of base cabinet if base cabinet cannot be installed adjacent to or in between the HC lavatories.
- c. One shower in solid surface enclosure measuring 36" x 36" minimum with solid surface shower pan. See Attachment IV for ADA pan.
- 2. Accessories
 - a. (1) Full-size mirror above sink area.
 - b. (1) single-roll toilet tissue dispenser.
 - c. (5) Robe hooks; locate one adjacent to the shower and two on the backs of each of the two bathroom doors.
 - d. (4) 24 inch long towel bars.
 - e. (4) Wash cloth hooks if adequate space (review with Owner), located adjacent to the vanity.
 - f. (1) Shower curtain rod.
- d. In all bathrooms serving accessible bedrooms, provide the following in addition to the above requirements:
 - 1. Single-piece, L-shaped grab-bar at the water closet.
 - a. Accessible shower enclosure with seat and grab-bars.
- 2. Finishes
 - a. Floors: 12"x 12" Porcelain tile.
 - b. Walls: Ceramic tile wainscot, to 4'-0" height on all four walls, with painted drywall above.
 - c. Base: Ceramic tile cove, to match wall tile.
 - d. Ceiling: Drywall.
 - e. Shower:
 - 1. Solid Surface Walls and Shower Pans.
 - 2. Ceiling/soffit: Drywall.

L. COMMON BATHROOMS

- 1. General
 - a. Provide bathrooms in pairs, one pair per floor/per wing.
 - b. Provide fixtures at the maximum ratio of 1:7 per floor, per wing, divided proportionately to the population on each floor that will be utilizing the Common Bathrooms (i.e., exclude the population served by private baths).
 - c. Single Occupant/Multi-Gender Floor Bathrooms: Single bathrooms consisting of a water closet, a lavatory and a shower. These bathrooms shall be ADA compliant and located on floors/wings having common bathrooms. These bathrooms will not change the total fixture count necessary for the floor upon which they are located.
 - d. It is the goal of the University to achieve an occupant to fixture ratio of 1:7 to 1:8.
 - e. Floors to be sloped to 3" floor drains. Provide at minimum a 3 foot diameter depression around drain. Float floors as necessary to eliminate ponding.
- 2. Fixtures and Accessories
 - a. Provide the following in each bathroom:
 - 1. Water closets in compartments, each with sanitary napkin disposals.
 - 2. Vitreous china or solid- polymer under-mounted lavatories in a solid-polymer surfacing material vanities:
 - a. Vanities: 20"D x 30"W for each lavatory.
 - b. Solid-polymer surfacing material shelf 5"D, positioned 10" above vanity (below mirror) integral with the wall in front of the vanity. Provide solid polymer surfacing material apron if necessary below shelf.
 - c. 8" diameter hole in vanities between each lavatory (provide trim ring) for access to Owner-furnished trash cans below. Coordinate with Project Manager.
 - 3. Unframed mirror spanning the width of the vanity from the top of the shelf above the vanity to the ceiling.

4. Showers in enclosures, each measuring 36" x 36", with an adjacent 36" x 36" drying compartment, each with its own swinging partition door. Provide each with a rod and one robe hook on the door to the enclosure. Coordinate curtain rod mounting height with Project Manager.
5. Rough-in for Dyson Hand Dryer.
- b. Install the following Owner furnished accessories in each room:
 1. One toilet paper dispenser for each water closet.
 2. Two paper towel dispensers at lavatories.
 3. One soap dispenser for each lavatory mounted on lavatory counter.
 4. One (non-electric) hand sanitizer.
3. Finishes
 - a. Floors: 1"x 1" Ceramic tile. Slope floor to drain as per General Notes above.
 - b. Walls: 4"x 4" Ceramic tile, full height.
 - c. Base: To match wall tile.
 - d. Ceiling: Drywall.
 - e. Shower:
 1. Solid Surface Walls and Shower Pans.
 2. Ceilings/soffits: Drywall.
 - f. Provide tile pattern on all walls in common bathrooms. Each wing shall have a different color pattern. Coordinate with Project Manager.

M. LAUNDRY ROOMS

1. Finishes
 - a. Floors: VCT.
 - b. Walls: Drywall.
 - c. Base: Rubber.
 - d. Ceiling: Drywall.
 - e. One washer and one dryer (owner provided items) per 35 beds.
2. Casework:
 - a. Bracket-supported plastic laminate counter for folding.
 1. Provide 2'-0" wide x 2'-0" lineal feet per washer/dryer pair; 2'-0" wide x 6'-0" length minimum counter size.

N. HALL DIRECTOR APARTMENT

It is the intent of the Owner to provide a staff member (one occupant typical) a standard residential apartment with all of the standard residential amenities in the bathroom, kitchen and living areas.
Note: Kittredge West has an existing apartment generally suitable for Hall Director's use. Refurbish to include new paint, new carpet and new wood flooring for existing Kittredge West apartment.

1. Fixtures and Accessories – Bathroom
 - a. One water closet.
 - b. Two lavatory sinks – under-mounted solid-polymer surfacing lavatory in a solid-polymer surfacing material vanity measuring at least 22"D x 60" W with back splash. Provide a hardwood base cabinet with doors and one shelf, and at least one drawer.
 - c. Tub/Shower with shower curtain rod and curtain, solid surface enclosures except ceiling (drywall w/ high build semi-gloss paint). Shower at $\frac{3}{4}$ bath to have solid surface enclosure with 2x2 unglazed ceramic mosaic base.
 - d. Typical residential Bathroom accessories – including but not limited to mirror (no medicine cabinet), towel bar, wash cloth ring, etc.
 - e. Window Coverings – match building standard
2. Fixtures and Accessories – Kitchen
 - a. Stainless steel double sink with disposal and hand sprayer
 - b. Cabinets – Economy grade hardwood cabinets (hardwood on exposed surfaces, melamine interior) with solid surface countertops and tile backsplash.

- c. Utility Connections for Refrigerator, stove/oven combination, Hood Microwave oven combination, dishwasher
- d. Ceiling light.
- e. Window Coverings – match building standard
- 3. Fixtures and Accessories – Laundry/Storage room
 - a. Utility Connections for Washer/Dryer, either full size stacking unit or side-by-side.
 - b. Laminate folding counter measuring at least 22”D x 36”W
 - c. Adjustable storage shelving, six laminate shelves at least 16”D x 48” W
- 4. Fixtures and Accessories – Living areas and Bedrooms
 - a. Ceiling Fan with Light in bedrooms.
 - b. Window Coverings – match building standard
 - c. Built-in desk area 60”W x 24” D
- 5. Finishes – Living areas
 - a. Floors – pre-engineered hardwood
 - b. Walls – Standard drywall and standard paint (anticipate up to four accent colors)
 - c. Ceilings – Standard drywall and paint
 - d. Base and trim – Stain and lacquer hardwood base, MDF crown molding
- 6. Finishes – Bedrooms
 - a. Floors – Broadloom carpet
 - b. Walls – Standard drywall and standard paint (anticipate up to four accent colors)
 - c. Ceilings – Standard drywall and paint
 - d. Base and trim – Stain and lacquer hardwood
- 7. Finishes – Kitchen
 - a. Floors – pre-engineered hardwood
 - b. Walls – Standard drywall and standard paint
 - c. Ceilings – Standard drywall and paint
 - d. Base and trim – Stain and lacquer hardwood base, MDF crown molding
- 8. Finishes – Bathrooms
 - a. Floors – porcelain tile (except use unglazed ceramic mosaics at shower base)
 - b. Walls – ceramic tile wainscot – 42” AFF except in shower enclosure, Standard drywall and standard paint
 - c. Ceilings – Standard drywall and paint
 - d. Base – ceramic tile
- 9. Miscellaneous -
 - a. Living areas –
 - i. 1 – 4’-0” wide x full height built-in hardwood bookshelves
 - ii. 2 – data/cable/phone jack per campus standard
 - b. bedrooms –
 - i. 1 – data/cable/phone jack per campus standard
 - c. bathroom –
 - i. obscure glass in exterior window(s)
 - d. Doors –
 - i. Exterior entrance door – Insulated Steel with hollow metal frame
 - ii. Interior entrance door – 1-3/4” thick, solid core with hollow metal frame; code compliant
 - iii. All other doors – standard residential grade, solid core, 1-3/8” thick
 - e. Fire sprinkler/alarm
 - i. Match and incorporate into building alarm and notification system

O. FACULTY IN RESIDENCE APARTMENT

It is the intent of the Owner to provide a faculty member and their family (four occupants typical) a standard residential apartment with all of the standard residential amenities in the bathroom, kitchen and living areas.

1. Fixtures and Accessories – Bathroom (Master Suite)
 - a. One residential water closet.
 - b. Two lavatory sinks – under-mounted solid-polymer surfacing lavatory in a solid-polymer surfacing material vanity measuring at least 22”D x 60” W with backsplash. Provide a hardwood base cabinet with doors and one shelf, and at least one drawer.
 - c. Shower with shower curtain rod and curtain, solid surface enclosures except ceiling (drywall w/ high build semi-gloss paint). Shower to have solid surface enclosure with 2x2 unglazed ceramic mosaic base.
 - d. Typical residential Bathroom accessories – including but not limited to (2) towel bars, mirror, washcloth hook, etc.
 - e. Window Coverings – match building standard
2. Fixtures and Accessories – Bathroom (child/guest)
 - a. One residential water closet.
 - b. One lavatory sink – under-mounted solid-polymer surfacing lavatory in a solid-polymer surfacing material vanity measuring at least 22”D x 42” W with back splash. Provide a hardwood base cabinet with doors and one shelf, and at least one drawer.
 - c. Tub/Shower with shower curtain rod and curtain, solid surface enclosures except ceiling (drywall w/ high build semi-gloss paint).
 - d. Typical residential Bathroom accessories – including but not limited (1) towel bars, mirror, washcloth hook, etc.
 - e. Window Coverings – match building standard
3. Fixtures and Accessories – Kitchen
 - a. Stainless steel double sink with disposal and hand sprayer
 - b. Cabinets – Economy grade hardwood cabinets (hardwood on exposed surfaces, melamine interior) with solid surface countertops and tile backsplash.
 - c. Utility Connections for Refrigerator, stove/oven combination, Hood Microwave oven combination, dishwasher
 - d. Pantry Closet w/ four laminate shelves at least 12”D x 36” W
 - e. Ceiling light.
 - f. Window Coverings – match building standard
4. Fixtures and Accessories – Laundry/Storage room
 - a. Utility Connections for Washer/Dryer, either full size stacking unit or side-by-side.
 - b. Laminate folding counter measuring at least 22”D x 36”W
 - c. Adjustable storage shelving, six laminate shelves at least 16”D x 48” W
5. Fixtures and Accessories – Living areas and Bedrooms
 - a. Ceiling Fan with Light.
 - b. Master bedroom to have at least 18 lin. feet of rod space and shelf; 30% to be full height.
 - c. Child/guest bedroom to have at least 4 lin. feet of rod space and shelf; at least 30% to be full height.
 - d. Window Coverings – match building standard
6. Finishes – Living areas
 - a. Floors – pre-engineered hardwood
 - b. Walls – Standard drywall and standard paint (anticipate up to four accent colors)
 - c. Ceilings – Standard drywall and paint
 - d. Base and trim – Stain and lacquer hardwood base, MDF crown molding
7. Finishes – Bedrooms
 - a. Floors – Broadloom carpet
 - b. Walls – Standard drywall and standard paint (anticipate up to four accent colors)
 - c. Ceilings – Standard drywall and paint
 - d. Base and trim – Stain and lacquer hardwood
8. Finishes – Kitchen
 - a. Floors – pre-engineered hardwood
 - b. Walls – Standard drywall and standard paint

- c. Ceilings – Standard drywall and paint
- d. Base and trim – Stain and lacquer hardwood base, MDF crown molding
- 9. Finishes – Bathrooms
 - a. Floors – porcelain tile (except use unglazed ceramic mosaics at shower base)
 - b. Walls – ceramic tile wainscot – 42" AFF except in shower enclosure, Standard drywall and standard paint
 - c. Ceilings – Standard drywall and paint
 - d. Base – ceramic tile
- 10. Miscellaneous -
 - a. Living areas –
 - ii. 2 – 4'-0" wide x full height built-in hardwood bookshelves
 - iii. 2 – data/cable/phone jack per campus standard
 - b. bedrooms –
 - i. 1 – data/cable/phone jack per campus standard
 - c. bathroom –
 - i. obscure glass in exterior window(s)
 - d. Doors –
 - i. Exterior entrance door – Insulated Steel with hollow metal frame
 - ii. Interior entrance door – 1-3/4" thick, solid core with hollow metal frame; code compliant
 - iii. Doors connecting to the required adjacent single room shall be 1-3/4" thick, solid core with hollow metal frames
 - iv. All other doors – standard residential grade, solid core, 1-3/8" thick
 - e. Fire sprinkler/alarm
 - i. Match and incorporate into building alarm and notification system
 - f. Exterior entrance and patio/yard area
 - i. A private exterior entrance is to be provided for the residents and guest of the faculty apartment. This entrance should be separated from major building entrances and accessible to nearby parking. An awning/porch roof or similar weather protection is desired.
 - ii. An enclosed patio/garden area is desired for the occupants of the FIR apartment. Landscaping, fencing and/or site walls are to provide separation from the main public landscape areas.

P. STORAGE ROOMS

Storage rooms are provided for both student storage and for owner needs. Student storage rooms should be distributed in each floor/wing for access.

- 1. Finishes
 - a. Floors: VCT.
 - b. Walls: Drywall.
 - c. Base: Rubber.
 - d. Ceiling: Drywall.

Q. CUSTODIAL CLOSETS

- 1. Fixtures and Accessories
 - a. In each custodial closet, provide the following:
 - 1. One Rubbermaid Closet Organizer/Tool Holder Kit, Model No. 1993 (available from Northern Colorado Paper).
 - 2. One 26" L stainless steel mop rack.
 - 3. Five, 24"D x 36"W heavy duty adjustable shelves on standards and brackets.
 - 4. 18" H stainless steel wall guard on two sides of mop service basin.
 - 5. Hose bib and backing in wall for dilution station.

2. Finishes

- a. Floors: VCT.
- b. Walls: Drywall with epoxy paint.
- c. Base: Rubber.
- d. Ceiling: Drywall.

R. CUSTODIAL STORAGE CLOSETS

Central storage of custodial supplies

1. Finishes

- a. Floors: VCT.
- b. Walls: Drywall.
- c. Base: Rubber.
- d. Ceiling: Drywall.

S. CUSTODIAL BREAKROOM

1. Fixtures and Accessories (refer to Plumbing Fixtures for additional information).

- a. One single stainless with mixing valve and gooseneck faucet.
- b. Disposal.

2. Finishes

- a. Floors: VCT.
- b. Walls: Drywall.
- c. Base: Rubber.
- d. Soffit: Drywall.

3. Casework:

- a. Provide plastic laminate base and wall cabinet along the length of the short wall of the room, leaving space for a full-size refrigerator. Countertop to be of solid-polymer surfacing material with solid-polymer backsplash.

T. CORRIDORS

1. Finishes

- a. Floors:
 - 1. Carpet (typical).
 - 2. Tile.
 - a. Provide floor tile for a maximum length of 6'-0" in the long axis of the corridor, spanning the width of the corridor, at every door to a Common Bathroom.
- b. Walls: Drywall.
- c. Base: Carpet at carpet/tile at tile area.
- d. Drywall.
- e. Paint: Walls to be painted with accent colors for way-finding at bathrooms and circulation areas. Each wing to have a different accent color. Coordinate with Project Manager.

2. Accessories:

- a. Provide tack boards in each hallway as per Signage and Bulletin Board Guidelines.

U. TELECOMMUNICATIONS MDF AND IDF ROOMS

1. Design and construct per UCB Telecommunications Standards. Coordinate room layout with Project Manager and Housing IT department.

2. Finishes

- a. Floors: VCT or sealed concrete, confirm with Owner.
- b. Walls: Drywall, cover w/ 3/4" A-C fire-resistant plywood backboard
- c. Base: Rubber.
- d. Ceilings: Open to structure.

V. MECHANICAL/MACHINE ROOMS

1. Finishes

- a. Floors: Provide waterproof, slip resistant floor coating.
- b. Walls: Drywall.
- c. Base: Provide 6" curb.
- d. Ceiling: Open to structure.

W. ELECTRICAL ROOMS

1. Finishes

- a. Floors: VCT.
- b. Walls: Drywall.
- c. Base: Rubber.
- d. Ceiling: Open to structure.

X. ELEVATORS

1. Finishes:

- a. Floors: 24" x 24" quartz-reinforced vinyl tile by Rikett Quartz or approved substitute prior to bidding.
- b. Walls: Plastic laminate.
- c. Ceiling: Plastic laminate with fluorescent down lights.

2. Control console: Stainless steel.

Y. STAIRWAYS

1. Finishes:

- a. Floors: VCT.
 - b. Treads: Rubber stair treads and nosing
 - c. Walls: Drywall.
 - d. Base: Rubber.
- Ceiling: Painted gypsum board

[END OF SECTION]

STUDENT ROOMS AND SUPPORT SPACES

Per the Uniform Federal Accessibility Standards, 5 percent of the total living units must be fully accessible. It is a preference that fully accessible units be available on a grade accessible floor level and distributed among the various unit types. All public use, common use, and areas which may result in employment of physically handicapped persons shall be accessible.

- Room Name:** Single Bedroom
Function/Activity: Housing for one student
Area: 110-140 SF
Number of Occupants: 1
Adjacent to: Double Bedrooms
Close to: Double Bedrooms, Common Bathroom
Away from: Suites and other bedrooms with private baths, public areas
Other Design Considerations:
- One closet, 3'-6"W x 2'-0"D (included in room area).
 - Accessibility: All features and components are to be accessible to the disabled.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Bed (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe
	(1) Dresser (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(1) Hutch Bookcase (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(1) Desk (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(1) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(1) Desk chair (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"W X 19 ¼" D X 43 1/2 " H

- Room Name:** Single Bedroom (RA)
Function/Activity: Housing for one Resident Advisor (RA). It is preferred that the Resident Advisor rooms be centrally located in their respective floors. There should be a ratio of approximately 1 RA per 35 student residents. Provide minimum of one RA room on each floor of each wing.
Area: 110-140 SF
Number of Occupants: 1
Adjacent to: Double Bedrooms
Close to: Double Bedrooms, Common Bathroom
Away from: Suites and other bedrooms with private baths, public areas
Other Design Considerations:
- One closet, 3'-6" W x 2'-0" D (included in room area).
 - Accessibility: All features and components are to be accessible to the disabled.
 - There should be a single bedroom on every floor/wing that has double bedrooms.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Bed (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress)) 85" overall length including bedframe
	(1) Dresser (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(1) Hutch Bookcase (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(1) Desk (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(1) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(1) Desk chair (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"W X 19 ¼" D X 43 1/2 " H

Room Name: **Double Bedroom**
Function/Activity: Housing for two students
Area: 190 SF
Number of Occupants: 2
Adjacent to: Other Double Bedrooms
Close to: Single Bedrooms, Common Bathroom
Away from: Suites and other bedrooms with private baths, public areas
Other Design Considerations: Two closets, each 3'-6" W x 2'-0" D (included in room area).

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(2) Beds (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe
	(2) Dressers (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(2) Hutch Bookcases (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(2) Desks (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(2) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(2) Desk chairs (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"W X 19 ¼" D X 43 1/2 " H

Room Name: **Suite: Two Single Bedrooms with One Connecting Bathroom**
Function/Activity: Housing for two students
Area: 410 -450 SF
Number of Occupants: 2
Adjacent to: Other suites and bedrooms with private baths
Close to: Other suites and bedrooms with private baths
Away from: Single and Double Bedrooms (without private baths), public areas
Other Design Considerations: One closet in each Bedroom, each 3'-6" W x 2'-0" D (included in room area).

<i>Moveable Furnishings and Equipment:</i>	<i>Item (each Bedroom)</i>	<i>Size</i>
	(1) Bed (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe
	(1) Dresser (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(1) Hutch Bookcase (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(1) Desk (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(1) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(1) Desk chair (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"W X 19 ¼"D X 43 ½"H

Room Name: **Suite: Two Double Bedrooms with One Connecting Bathroom**
Function/Activity: Housing for four students
Area: 600-650 SF
Number of Occupants: 4
Adjacent to: Other suites and bedrooms with private baths
Close to: Other suites and bedrooms with private baths
Away from: Double Bedrooms, public areas
Other Design Considerations:

- Two closets in each Bedroom, each 3'-6" W x 2'-0" D (included in room area).

<i>Moveable Furnishings and Equipment:</i>	<i>Item (each Bedroom)</i>	<i>Size</i>
	(2 Beds (<i>Furniture by Thurston No. 146-HW-3</i>))	36" x 80" (mattress) 85" overall length including bedframe
	(2 Dressers (<i>Furniture by Thurston No. 203-24</i>))	32" W x 19"D x 30"H
	(2 Hutch Bookcases (<i>Furniture by Thurston No. 208-C9</i>))	40"W x 9"D x 28"H
	(2 Desks (<i>Furniture by Thurston No. 133</i>))	42W" x 24"D x 30"H
	(2 Under-desk Files (<i>Furniture by Thurston No. 140</i>))	17"W x 22"D x 26"H
	(2 Desk chairs (<i>Sauder Trey</i>))	20"W x 18"Dx32"H
	(1 Micro-fridge (furnished by Owner))	19"Wx19 ¼"Dx43 ½" H

Room Name: **Triple Bedroom (Not Preferred)**
Function/Activity: Housing for three students
Area: 280 SF
Number of Occupants: 3
Adjacent to: Single and Double Bedrooms
Close to: Single and Double Bedrooms, Common Bathroom
Away from: Suites and other bedrooms with private baths, public areas
Other Design Considerations: Three closets, each 3'-6" W x 2'-0" D (included in room area).

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(3) Beds (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe
	(3) Dressers (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(3) Hutch Bookcases (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(3) Desks (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(3) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(3) Desk chairs (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"W X 19 ¼" D X 43 1/2 " H

Room Name: Single Bedroom with Bathroom
Function/Activity: Housing for one student
Area: 190 -205 SF
Number of Occupants: 1
Adjacent to: Suites and other bedrooms with private baths
Close to: Suites and other bedrooms with private baths
Away from: Single and Double Bedrooms (without private baths), public areas
Other Design Considerations: One closet, 3'-6" W x 2'-0" D (included in room area).

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Bed (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe (mattress)
	(1) Dresser (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(1) Hutch Bookcase (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(1) Desk (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(1) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(1) Desk chair (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(1) Micro-fridge (furnished by Owner)	19"Wx19 ¼"Dx43 1/2 " H

Room Name: Suite: One Single & One Double Bedrooms with One Connecting Bathroom
Function/Activity: Housing for two students
Area: 430 SF
Number of Occupants: 3
Adjacent to: Other suites and bedrooms with private baths
Close to: Other suites and bedrooms with private baths
Away from: Single and Double Bedrooms (without private baths), public areas
Other Design Considerations:

- One closet in each Single Bedroom, two closets in each Double Bedroom, each 3'-6" W x 2'-0" D (included in room area).
- Accessibility: All features and components are to be accessible to the disabled.

<i>Moveable Furnishings and Equipment:</i>	<i>Item (each Bedroom)</i>	<i>Size</i>
	(3) Beds (<i>Furniture by Thurston No. 146-HW-3</i>)	36" x 80" (mattress) 85" overall length including bedframe
	(3) Dressers (<i>Furniture by Thurston No. 203-24</i>)	32" W x 19"D x 30"H
	(3) Hutch Bookcase (<i>Furniture by Thurston No. 208-C9</i>)	40"W x 9"D x 28"H
	(3) Desks (<i>Furniture by Thurston No. 133</i>)	42W" x 24"D x 30"H
	(3) Under-desk Files (<i>Furniture by Thurston No. 140</i>)	17"W x 22"D x 26"H
	(3) Desk chair (<i>Sauder Trey</i>)	20"W x 18"Dx32"H
	(2) Micro-fridge (furnished by Owner)	19"Wx19 ¼"Dx43 ½" H

Room Name: **Common Bathrooms**
Function/Activity: Bathrooms for multiple residents (gender neutral)
Area: Areas and quantities of fixtures in each may vary; the total area and number of fixtures should be divided proportionately to the numbers of individuals served by each bathroom.
Number of Occupants: -
Room Proportions: TBD
Adjacent to: -
Close to: Bedrooms without private baths
Away from: Public Areas
Other Design Considerations:

- Each room is to meet accessibility requirements
- No urinals, so that restrooms are not gender specific
- Provide plumbing fixtures based on code requirements for occupants served
- Shower areas to have increased level of privacy for individual stalls

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	[None]	

Room Name: **Common Bathrooms – Multi-Gender/Guest (Accessible)**
Function/Activity: Common private bathroom (gender neutral)
Area: 80-120 SF each; (areas and quantities of fixtures in each may vary; the total area and number of fixtures should be divided proportionately to the numbers of individuals served by each bathroom).
Number of Occupants: 1
Room Proportions: TBD
Adjacent to: Common Bathroom
Close to: Bedrooms without private baths
Away from: Public Areas
Other Design Considerations:

- Each room is to be fully accessible to the disabled
- No urinals, so that restrooms are not gender specific
- Provide toilet, lavatory and shower

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	[None]	

Room Name: **Floor/Study Lounge (Small)**
Function/Activity: Small group meetings, lounging, individual/group study
Area: 240 - 250SF
Number of Occupants: 10
Room Proportions: 2:3
Adjacent to:

- Common circulation.

Close to: Bedrooms (locate one Floor/Study Lounge on each floor of each wing; i.e., one lounge per floor per wing)
Away from: Public areas
Other Design Considerations:

- Provide a minimum of 16 SF of window from the room to the corridor.
- Provide access to varied size study lounge areas in adjacent wings/floors
- Visible locations

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Sofas, loveseats, armchairs, coffee tables	TBD
	(1) Round Table	36" dia. x 30" H
	(4) Chairs	20"W x 19"D x 45"H

Room Name: **Floor/Study Lounge (Large)**
Function/Activity: Small group research, study and discussion.
Area: 320 -350SF
Number of Occupants: 12
Room Proportions: 2:3
Adjacent to: Common circulation
Close to: Bedrooms (locate one Floor/Study Lounge on each floor of each wing; i.e., one lounge per floor per wing)
Away from: Public areas
Other Design Considerations:

- Provide a minimum of 16 SF of window from the room the corridor.
- Provide access to varied size study lounge areas in adjacent wings/floors
- Visible, central locations

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(3) Tables	60"W x 30"D x 30"H
	(12) task chairs	20"W x 19"D x 45"H
	(1) Printer (optional)	

Room Name: **Laundry Rooms**
Function/Activity: Laundering by residents; casual interaction
Area: Varies
Number of Occupants: varies
Room Proportions: TBD
Adjacent to: Elevators
Close to: Bedrooms
Away from: Public spaces
Other Design Considerations:

- The space should be arranged with an area for washers, dryers and folding (provide counter for folding as described in Technical Criteria).
- May be a single facility, or divided into multiple areas
- One washer/dryer per every 35 students
- Data jacks for washer / dryer card reader controls

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(8) Washers (typical)	27"W x 28"D x 44"H
	(8) Dryers (typical)	27"W x 29"D x 45"H
	(1) Table or counter for folding clothes	60"W x 30"D x 30"H

Room Name: **Sink Niches**
Function/Activity: Location for residents to get water for coffee, etc. and to wash personal dishes
Area: 20 SF
Number of Occupants: -
Room Proportions: -
Adjacent to: Corridor and one adjacent to community bathrooms.
Close to: Bedrooms
Away from: -
Other Design Considerations:

- Provide a recess adjacent to the corridor for the counter and cabinets (refer to Technical Criteria).
- Provide one niche per common bathroom group

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Garbage Disposal	

Room Name: **Storage – Student**
Function/Activity: Storage of miscellaneous student supplies
Area: varies
Number of Occupants: 0
Adjacent to: Corridor
Close to: Bedrooms without private baths, common bathrooms
Away from: Public areas
Other Design Considerations:

- Provide small storage closets scattered throughout the residential areas preferred to one large storage area.
- One storage room per floor per wing; size at 1 SF per bed.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	None	

Room Name: **Custodial Closets**
Function/Activity: Storage of routine custodial supplies and custodial cart, water access
Area: 40 SF
Number of Occupants: 0
Room Proportions: -
Adjacent to: Each Common Bathroom group
Close to: -
Away from: Bedrooms
Other Design Considerations:

- Provide 30"x30" mop sink and shelving
- Provide hose bib and backing in wall for dilution station
- one per floor per wing

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size (L x W or D x H)</i>
	Custodial Cart	60L" x 24W" x 48"H

FACULTY & HALL DIRECTOR APARTMENTS

It is requested that all apartment units be designed for accessibility as “ANSI Type-B – Adaptable” units. Fully accessible units are desired where feasible.

- Room Name:* **Apartment: – Hall Director**
Function/Activity: Housing for director – two bedroom, two bath
Area: 9,800 - 1,100 SF
Number of Occupants: 1-2
Adjacent to: Student bedrooms
Close to: Direct outdoor access
Away from: Public areas
Other Design Considerations:
- Accessibility: All features and components are to be accessible to the disabled.
 - Living/dining area
 - Kitchen
 - One full bath
 - Laundry/storage area
 - 2 bedroom apartment with adjoining optional lock-off bedroom
 - Exterior door access, outdoor patio amenity space desired

<i>Moveable Furnishings and Equipment:</i>	<i>Item)</i>	<i>Size</i>
	Furniture to be provided by occupant. Anticipate typical furniture for the above listed space types. Kitchen Appliances (by Owner) – Refrigerator, Stove, Hood/Microwave combination, Washer, Dryer, Dishwasher.	

- Room Name:* **Apartment: – RAP Faculty in Residence (FIR)**
Function/Activity: Housing for RAP faculty in residence – three bedroom, two bath
Area: 1,250 – 1,350 SF
Number of Occupants: 1-4
Adjacent to:
- Student Bedrooms
 - Direct outdoor access
- Close to:* RAP program space
Away from: Public areas
Other Design Considerations:
- Accessibility: All features and components are to be accessible to the disabled.
 - Living/dining area
 - Kitchen
 - Laundry/storage area
 - Simple master bedroom suite with shower and walk in closet
 - Guest bath to have tub/shower, accessible to apartment living area
 - Office or study alcove space preferred
 - 3 bedroom apartment (or two bedroom with study area)
 - Exterior door access, outdoor patio amenity space preferred

<i>Moveable Furnishings and Equipment:</i>	<i>Item (each Bedroom)</i>	<i>Size</i>
	Furniture to be provided by occupant. Anticipate typical furniture for the above listed space types. Kitchen Appliances (by Owner) – Refrigerator, Stove, Hood/Microwave combination, Washer, Dryer, Dishwasher.	

RESIDENCE HALL PUBLIC AREAS

Room Name: **Great Room/Community Room**
Function/Activity: Large group gatherings and meetings; recreation and relaxation for individuals and small or medium sized groups; games; television and movie watching; lectures and programs.
Area: 750 -1000 SF
Number of Occupants: 50
Room Proportions: 2:3
Adjacent to:

- Outdoor plaza or terrace.
- Student Breakroom.

Close to: Reception, Main Entry, entry to student room areas
Away from: Bedroom areas
Other Design Considerations:

- Comfortable furnishing
- Daylighting

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Sofas, loveseats, armchairs, ottomans	TBD
	(3) Round Tables with chairs	36" dia. x 30" H
	(12) Chairs	20"W x 19"D x 45"H
	Coffee and end tables	TBD
	Flat-screen television (LCD), wall mounted w/ surround sound	TBD
	AV and projection Equipment enclosed in millwork &/or "Smart Boxes"	TBD

Room Name: **Student/Community Breakroom**
Function/Activity: Cooking of snacks and light meals by residents; serving/prep area for food, social area.
Area: 120-200 SF
Number of Occupants: -
Room Proportions: TBD
Adjacent to: Great Room, main circulation area
Close to: Reception desk
Away from: RAP areas
Other Design Considerations:

- Provide an access directly to the corridor and/or from the Great Room.
- Not used for catering or event service
- Provide exterior operable window.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Electric range with four burners and self-cleaning oven	30"W x 27"D x 48"H
	(1) Refrigerator	30"W x 30"D x 66"H
	(1) Dishwasher	24"W x 24"D x 34"H
	(1) Microwave Oven	30"W x 18"D x 18"H
	(1) Garbage Disposal	
	(1) Range Hood	30"W x 27"D x 6"H

Room Name: **Reception/24 Hour Desk and Reception Work Room**
Function/Activity: 1. Staffed location for providing information to residents, greeting visitors, a place to store vacuum cleaners, games, etc. and for students to check-out such items. Provide custom reception counter with storage areas and cabinets. Provide counter with upper and lower cabinets in storage room. Provide location and conduit and power and CATV for LCD screen which will be used for student information center. LCD screen will be operated from 24 hour desk.
 2. Office for student to do administrative work and projects.
Area: Reception/Office: 200 SF; Work Room: 100 SF (total of 300 SF)
Number of Occupants: 4 - 6
Room Proportions: TBD
Adjacent to: Building main entry,
Close to: Great Room; RAP Administrative Suite (no direct connection between the two)
Away from: -
Other Design Considerations: Lockable door on work room.

Moveable Furnishings and Equipment:

Item	Size
Computers as per RES LIFE	
(3) Task Chairs	20"W x 19"D x 45"H
(1) Work table	36"W x 96"L x 30"H
(1) Copier	24"W x 28"D x 43"H
(1) LCD Screen	42" or similar

Room Name: **Office - Hall Director**
Function/Activity: A place for the hall director to work,
Area: 120 SF
Number of Occupants: 1 + visitors
Minimum width: 10' - 0"
Adjacent to: Reception/information desk
Close to: Main entry
Away from: Bedrooms
Other Design Considerations: Provide exterior operable window.

Moveable Furnishings and Equipment:

Item	Size
(1) Desk	60"W x 32"D x 30"H
(1) Task Chair	20"W x 19"D x 45"H
(2) Side Chairs	23"W x 26"D x 33"H
(4) Lateral filing cabinets	36"W x 18"D x 60"H
(1) Bookcase	48"W x 12"D x 72"H

Room Name: **Public Toilets – Men’s/Women’s**
Function/Activity: Multi fixture Restroom facilities for visitors, RAP program users
Area: varies
Number of Occupants: -
Room Proportions: -
Adjacent to: -
Close to: Public areas, Great Room, Main Entry, Classroom
Away from: Bedroom areas
Other Design Considerations:

- Each toilet room is to be fully accessible to the disabled
- Fixture count to be based on code requirements for spaces served
- Mens/Womens bathrooms to be in pairs in close proximity to each other
- To be used when fixture count requirements exceed two (2) single fixture multi gender bathrooms

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	[None]	

Room Name: **Public Multi Gender Bathroom**
Function/Activity: Non gender specific restroom
Area: 75-80 SF each
Number of Occupants: 1
Room Proportions: -
Adjacent to: -
Close to: Public areas,
Away from: Residential areas
Other Design Considerations:

- Each toilet room is to be fully accessible to the disabled.
- To be used when fixture count requirements for public area are two or less

Room Name: **Vending Area – need not be discrete room**
Function/Activity: Dispensing snacks and soft drinks
Area: 50 SF
Number of Occupants: -
Room Proportions: TBD
Adjacent to: Great room, public circulation
Close to: Public and Common Areas, Main Building Entry RAP spaces
Away from: Bedrooms
Other Design Considerations:

- Locate to facilitate sales and to allow easy observation of individuals in the space, however the space should not be visible from the Building Main Entry (no door required).
- Allow 2” clear space between vending machines and walls.
- Provide space for 3 vending machines

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(3) Vending Machines	37”W x 35”D x 72”
	(Note: Machines require 110v electrical service and each draws 14amps.)	

Room Name: **Custodial Storage Room**
Function/Activity: 1- Storage of bulk custodial supplies (paper products and cleaning agents)
 1- Storage of linens (sheets, pillows, blankets)
Area: 200 - 250 SF
Number of Occupants: -
Room Proportions: 2:3
Adjacent to: -
Close to: Exterior service entry; Custodial Break room
Away from: -
Other Design Considerations:

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size (L x W or D x H)</i>
	(12) Shelving units	36"W x 24"D x 84"H

Room Name: **Storage – Miscellaneous**
Function/Activity: Building storage of miscellaneous items

Number of Occupants: 0
Room Proportions: 2:3
Adjacent to: Public circulation, custodial storage closets
Close to: Custodial breakroom
Away from: Bedrooms
Other Design Considerations:

- Provide space for recyclable containers (?)
- Provide exterior access via double doors. No raised dock is required. (?)

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>

Room Name: **IT MDF Room**
Function/Activity: ITS server room
Area: 110 - 150 SF
Number of Occupants: 0
Room Proportions: 2:3
Adjacent to:
Close to:
Away from: Electrical rooms, rooms containing transformers or motors
Other Design Considerations: Construct per UCB Telecommunication Standards

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Equipment per UCB Telecommunications Standards	

Room Name: **Service Entry**
Function/Activity: Location for deliveries and loading and unloading of materials and supplies, access for maintenance personnel.
Area: varies
Room Proportions: 2:3
Adjacent to: Public circulations, custodial storage closets
Close to: Custodial breakroom, Grounds storage
Away from: Bedrooms
Other Design Considerations:

- Provide space for recyclable containers
- Provide exterior access via double doors. No raised dock is required.

<i>Moveable Furnishings and Equipment:</i>		<i>Size</i>
<i>Item</i>		
96-gallon recycle carts		46"hx26"wx43"d

RESIDENCE HALL - RESIDENTIAL ACADEMIC PROGRAM (RAP)

- Room Name:* **Classrooms – Small**
Function/Activity: Lectures, seminars
Area: 350 SF
Number of Occupants: 12
Room Proportions: 2:3
Adjacent to: Public circulation
Close to: Other academic spaces, Communications Administrative Suite
Away from: Bedrooms
Other Design Considerations:
- Refer to UCB Building and Construction Standards, Appendix 9.
 - Each room is to have “smart-to-every seat” classroom technology, including A/V cabinet &/or “Smart Box”, digital projection and sound amplification.
 - Provide white board and chalk board.
 - Provide exterior operable windows.
 - Provide ceiling fan.

<i>Moveable Furnishings and Equipment:</i>	<i>Item per room</i>	<i>Size</i>
	6 to 8 tables	60"W x 30"D x 30"H
	20 task chairs	20"W x 19"D x 45"H

- Room Name:* **Classrooms – Large**
Function/Activity: Lectures, seminars
Area: 450 SF
Number of Occupants: 17
Room Proportions: 2:3
Adjacent to: Public circulation
Close to: Other academic spaces, Communications Administrative Suite
Away from: Bedrooms
Other Design Considerations:
- Refer to UCB Building and Construction Standards, Appendix 9.
 - Each room is to have “smart-to-every seat” classroom technology, including A/V cabinet &/or “Smart Box”, digital projection and sound amplification.
 - Provide white board and chalk board.
 - Provide exterior operable windows.
 - Provide ceiling fan.

<i>Moveable Furnishings and Equipment:</i>	<i>Item per room</i>	<i>Size</i>
	8 tables	60"W x 30"D x 30"H
	24 task chairs	20"W x 19"D x 45"H

Room Name: **Administrative Assistant Office: RAP**
Function/Activity: Administrative work; receptionist for the Program
Area: 120-150 SF
Number of Occupants: 1 + visitors
Minimum Width: 9'-0"
Adjacent to: RAP Reception, RAP Work Room, RAP Director
Close to: Front Desk
Away from: Bedrooms

- Other Design Considerations:*
- Provide exterior operable window.
 - This is one of the spaces that comprise the RAP Administrative Suite.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Desk	60"W x 32"D x 30"H
	(1) Task Chair	20"W x 19"D x 45"H
	(2) Side Chairs	23"W x 26"D x 33"H
	(4) Lateral filing cabinets	36"W x 18"D x 60"H
	(1) Bookcase	48"W x 12"D x 72"H

Room Name: **Director's Office: RAP**
Function/Activity: Administrative work; consultation with students and parents
Area: 150 SF
Number of Occupants: 1 + visitors
Minimum Width: 10'-0"
Adjacent to: RAP Administrative Assistant
Close to: Student academic areas, Front desk
Away from: Bedrooms

- Other Design Considerations:*
- This is one of the spaces that comprise the RAP Administrative Suite.
 - Provide exterior operable window.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Desk	66"W x 36"D x 30"H
	(1) Task Chair	20"W x 19"D x 45"H
	(4) Side Chairs	23"W x 26"D x 33"H
	(1) Meeting Table	36" dia. x 30"H
	(1) Credenza	66" W X 24"D x 30" H
	(2) Lateral filing cabinets	36"W x 18"D x 60"H
	(1) Bookcase	48"W x 12"D x 72"H

Room Name: **Work Room: RAP**
Function/Activity: Copying; document preparation; supply storage
Area: 100 SF
Number of Occupants: -
Room Proportions: 2:3
Adjacent to: RAP Administrative Assistant's Office
Close to: Student academic areas
Away from: Bedrooms
Other Design Considerations:

- This is one the spaces that comprise the RAP Administrative Suite.
- Provide exterior operable window.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Copier	60"W x 30"D x 43"H
	(1) Fax	16"W x 14"D x 8"H
	(4) 4-drawer vertical files	18"W x 28"D x 52" H
	(1) Microwave	21"W x 15"D x 13"H
	(1) Coffee Maker	
	(1) Under-cabinet Refrigerator	19"W x 20"D x 34"H

Room Name: **Faculty Office: RAP**
Function/Activity: Administrative work; consultation with students and parents
Area: 120-150 SF
Number of Occupants: 1 + visitors
Minimum Width: 9'-0"
Adjacent to: RAP Reception, RAP Work Room, RAP Director
Close to: -
Away from: Bedrooms
Other Design Considerations:

- Provide exterior operable window.
- This is the spaces that comprise the RAP Administrative Suite.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Desk	60"W x 32"D x 30"H
	(1) Task Chair	20"W x 19"D x 45"H
	(2) Side Chairs	23"W x 26"D x 33"H
	(4) Lateral filing cabinets	36"W x 18"D x 60"H
	(1) Bookcase	48"W x 12"D x 72"H

COMMUNITY & RAP COMMONS

Room Name: **Community Activity/Game Room**
Function/Activity: Informal student gather and recreation room to service residents of the complex.
Area: 750 SF
Room Proportions: 2:3
Adjacent to: Primary public circulation, retail space
Close to: outdoor plaza;
Away from: Offices, classrooms, student rooms
Other Design Considerations:

- Provide space for large screen television/video games
- Variety of informal seating configurations
- Suitable for billiards, foosball, Ping-Pong, etc.
- May have 24 hour key-card access for residents of the complex.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	TBD	

Room Name: **Mail Services**
Function/Activity: U.S. Mail & package delivery to student residents in complex
Area: 920 SF
Room Proportions: TBD
Adjacent to: Primary public circulation, Activity/Game Room
Close to: Main entry, Mail Box store
Away from: Offices, classrooms, student rooms
Other Design Considerations:

- Provide service access for deliveries
- Box lobby has extended service hours
- Delivery access for USPS, UPS, FedEx, etc.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	TBD	

- Room Name:* **Retail Space**
Function/Activity: General store/coffee shop/soda fountain;
 Sale of Sundries, H&B items, school supplies, groceries
Area: 1200 SF
Room Proportions: TBD
Adjacent to: Primary public circulation, Activity/Game Room, Mail Services
Close to: Outdoor plaza; informal seating areas, mail services, public bathrooms, service entry
Away from: Student rooms, classrooms, offices
Other Design Considerations:
- Provide service access for deliveries
 - Grease trap not required
 - Power - dedicated 225 Amp panel, 120/208 Volt, 3 PH

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Triple bowl sink	
	Hand wash sink	
	Service counter with cash register	
	Display cases – refrigerated, ambient, hot	
	Display racks/shelving	
	Refrigerated storage units	
	Microwave Oven	

- Room Name:* **Mail Box Store**
Function/Activity: Retail mail & package services for campus community
Area: 600 SF
Room Proportions: TBD
Adjacent to: Primary public circulation, Retail Space, Activity/Game Room
Close to: Main entry, Mail services
Away from: Offices, classrooms, student rooms
Other Design Considerations:
- Provide service access for deliveries
 - Box lobby may have extended service hours
 - Could be leased to outside vendor
 - Delivery access for USPS, UPS, FedEx, etc.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Service counter with cash register	
	TBD	

Room Name: **Classrooms**
Function/Activity: Lectures, seminars
Area: 450 SF
Number of Occupants: 20-30
Room Proportions: 2:3
Adjacent to: Public circulation
Close to: Other academic spaces, Academic office Suite, ballroom
Away from: Bedrooms
Other Design Considerations:

- Refer to UCB Building and Construction Standards, Appendix 9.
- Each room is to have “smart-to-every seat” classroom technology, including A/V cabinet &/or “Smart Box”, digital projection and sound amplification.
- Provide white board and chalk board.
- Provide storage area for furnishings and equipment.
- Provide exterior operable windows.
- Provide ceiling fan.

<i>Moveable Furnishings and Equipment:</i>	<i>Item per room</i>	<i>Size</i>
	Tables suitable for easy storage (rectangular)	TBD
	Stackable task chairs	20"W x 19"D x 45"H

Room Name: **Multi-Purpose Room (Ballroom)**
Function/Activity: Lectures, seminars, social gatherings, tutor programs
Area: 4000 SF
Number of Occupants: 250
Room Proportions: 2:3
Adjacent to: Public circulation
Close to: Other academic spaces, Communications Administrative Suite
Away from: Residence hall areas
Other Design Considerations:

- Dividable into 4 spaces
- Refer to UCB Building and Construction Standards, Appendix 9 - Classroom Guidelines.
- Minimum two interlocking “smart-to-every seat” classroom technology, including A/V cabinet &/or “Smart Box”, digital projection and sound amplification.
- Provide white board and chalk boards. Coordinate with Project Manager.
- Provide storage area for furnishings and equipment.
- Provide exterior operable windows.
- Provide ceiling fans.

<i>Moveable Furnishings and Equipment:</i>	<i>Item per room</i>	<i>Size</i>
	Tables suitable for easy storage (6-8 person, round)	TBD
	Stackable task chairs	20"W x 19"D x 45"H
	Portable stage/riser	TBD

Room Name: **Office: Private**
Function/Activity: Administrative work; consultation with students and parents
Area: 120 -150 SF
Number of Occupants: 1 + visitors
Minimum Width: 9'-0"
Adjacent to: Other office functions
Close to: Public circulation,
Away from: Bedrooms
Other Design Considerations:

- Provide exterior operable window.
- Group office space areas for flexibility.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Desk	60"W x 32"D x 30"H
	(1) Task Chair	20"W x 19"D x 45"H
	(2) Side Chairs	23"W x 26"D x 33"H
	(4) Lateral filing cabinets	36"W x 18"D x 60"H
	(1) Bookcase	48"W x 12"D x 72"H

Room Name: **Open Office:**
Function/Activity: Open office environment for multiple staff
Area: Varies
Number of Occupants: TBD
Room Proportions: -
Adjacent to: Private offices
Close to: Public circulation, classrooms, meeting rooms
Away from: -
Other Design Considerations:

- Provide adequate space to include:
 - Individual workstations per program plan requirements
 - Secure personal locker/storage space for users
 - Space for common worktable
- May require door with keycard access to suite for security/privacy
- Group office space areas for flexibility.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Design for office landscape systems furniture	Workstation size varies

Room Name: **Workroom/Coffee bar**
Function/Activity: Space for staff to work on projects, break room for faculty & staff.
Area: 400 SF
Room Proportions: TBD
Adjacent to: Office areas
Close to: Classrooms, ballroom
Away from: Residence hall areas
Other Design Considerations:

- Provide a sink with adjacent counter space, 4 data jacks and electrical power for a computer, printer/copier, refrigerator, microwave and coffeemaker.
- Provide storage cabinetry for supplies and work counter.
- Could be used for catering or event services during summer conferences

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(2) Round Table	60" dia. x 30"H
	(12) Task chairs	20"W x 19"D x 45"H
	(1) Refrigerator	30"W x 30"D x 66"H
	(1) Microwave Oven	30"W x 18"D x 18"H
	(1) Coffee Maker	
	(1) Garbage Disposal	

Room Name: **Custodial Break room -**
Function/Activity: Space for custodians to relax and to eat lunch.
Area: 125 SF
Number of Occupants: 4
Room Proportions: 2:3
Adjacent to: Public circulation
Close to: Custodial Storage Room, service entrance
Away from: Bedrooms
Other Design Considerations: Provide a sink with 5 feet of adjacent counter space, upper and lower cabinets, 2 data jacks and electrical power for a computer, refrigerator, microwave and coffeemaker.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(1) Round Table	48" dia. x 30"H
	(4) Task chairs	20"W x 19"D x 45"H
	(1) Refrigerator	30"W x 30"D x 66"H
	(1) Microwave Oven	30"W x 18"D x 18"H
	(1) Coffee Maker	

Room Name: **Public Toilets – Men’s/Women’s**
Function/Activity: Multi fixture Restroom facilities for visitors, RAP program users
Area: varies
Close to: Public areas, Great Room, Main Entry, Classroom
Away from: Bedroom areas
Other Design Considerations:

- Each toilet room is to be fully accessible to the disabled
- Fixture count to be based on code requirements for spaces served
- Mens/Womens bathrooms to be in pairs in close proximity to each other
- To be used when fixture count requirements exceed two (2) single fixture gender neutral bathrooms

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	[None]	

Room Name: **Public Multi Gender Bathroom**
Function/Activity: Non gender specific restroom
Area: 75-80 SF each
Number of Occupants: 1
Close to: Public areas,
Away from: Residential areas
Other Design Considerations:

- Each toilet room is to be fully accessible to the disabled.
- To be used when fixture count requirements for public area are two or less
- Should be provided as pair in close proximity

Room Name: **IT IDF Room**
Function/Activity: Housing IT distribution equipment
Area: 100 - 120SF
Room Proportions: TBD
Away from: Electrical rooms, rooms containing transformers or motors
Other Design Considerations: Construct per UCB Telecommunications Standards
 Cooling required

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Equipment per UCB Telecommunications Standards	

Room Name: **Housing IT (HIT) Office**
Function/Activity: Administrative work; Set-up and maintenance of computer workstations
Area: 150 SF
Number of Occupants: 2 + visitors
Minimum Width: 9'-0"
Adjacent to: Service Entry
Close to: GUV parking, access to HDS staff for pickup of laptops/projectors
Away from: Bedrooms
Other Design Considerations:

- Provide exterior operable window.
- Provide work counters on 2 walls for IT equipment w/ 4-plex power & network/telecom outlets at 6' on center maximum.
- Provide one CATV jack
- Provide power/network/telecom for 2 additional desks/workstations.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(2) Desks	60"W x 32"D x 30"H
	(2) Task Chairs	20"W x 19"D x 45"H
	(2) Side Chairs	23"W x 26"D x 33"H
	(2) Lateral filing cabinets	36"W x 18"D x 60"H

Room Name: **Service Entry**
Function/Activity: Location for deliveries, loading and unloading of materials
Area: varies
Adjacent to: Service Driveway, Public circulations, custodial storage closets
Close to: Custodial breakroom, Grounds storage, trash/recycle area
Away from: Bedrooms
Other Design Considerations:

- Provide exterior access via double doors. No raised dock is required.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	96-gallon recycle carts	46"hx26"wx43"d

Room Name: **Parking Area for GUV's (Green Utility Vehicle)**
Function/Activity: Location for parking GUV's
Area: varies
Adjacent to: Service Driveway
Close to: Grounds storage, trash/recycle area
Away from: Bedrooms
Other Design Considerations:

- Provide exterior access for GUV's
- Provide covered space, enclosed from weather
- Provide locked area
- Provide dedicated power outlets as needed to charge vehicles

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	5 GUV Vehicles – Housing IT, Maintenance, Environmental Services, 2 future parking places	

- Room Name:* **Trash/Recycle area**
Function/Activity: Exterior enclosed area for trash dumpsters & recycle carts
Area: 350-400 SF
Room Proportions: 1:2, varies
Adjacent to: Service Driveway
Close to: Service Entries; Custodial break rooms, Grounds storage,
Away from: Bedrooms
Other Design Considerations:
- Provide space for large trash truck access
 - Access for student use to deposit trash & recyclables
 - Must be screened by walls or privacy link fencing, 7' height minimum
 - Provide gate (10' width minimum) for trash truck access;
 - Provide separate gate for student/custodian access.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	(10) 96-gallon recycle carts	46"h x 26"w x 43"d
	(2) Recycle Dumpsters	40"h x 83"w x 53"d
	(1) Trash Dumpster, 8 yard	80"h x 83"w x 73"d

- Room Name:* **Grounds Storage**
Function/Activity: Garage-type storage area for grounds maintenance equipment and materials
Area: 1000 SF
Room Proportions: varies
Adjacent to: Service Driveway
Close to: Service Entries
Away from: Bedrooms
Other Design Considerations:
- Provide protection from freezing
 - Gas/diesel powered vehicle storage
 - Equipment size may vary, attachments may require additional clearances
 - Include secure 300 SF area for materials/equipment storage to include space for six storage cabinets and workbench
 - Provide duplex outlets for tools at cabinets and workbench area – 3 on each wall. Verify number and locations with Project Manager and Grounds Department.

<i>Moveable Furnishings and Equipment:</i>	<i>Item</i>	<i>Size</i>
	Kubota Diesel UTV	238 SF
	John Deere Mowing Tractor 728	96 SF
	Toro Zero-turn Mowing Mower	90 SF
	(2) 36" Walk-behind Mowers	100 SF
	Ryan Aerator	24 SF
	Ryan Mataway Silt Seeder	40 SF
	(6) Storage Cabinets	3' W x 2-1/2' D x 6' H

[END OF SECTION]