

Utah School for the Deaf and the Blind

Salt Lake City Facility Program



September 15, 2006

Approvals

Architectural Program for the
UTAH SCHOOLS FOR THE DEAF AND THE BLIND
Salt Lake City Replacement Facility
Salt Lake City, Utah
DFCM Project # 06085230

We have reviewed the following program and agree that the information contained herein is commensurate with our requirements for a new Salt Lake City School for the Deaf and the Blind.

Linda Rutledge
Superintendent, USDB

Date

Division of Facilities Construction and Management, State of Utah

We have reviewed the following program, jointly prepared with the agency, for completeness and accuracy. These signatures do not necessarily represent an endorsement for the need of this requested space at this time.

Keith Stepan
Director, Division of Facilities Construction and Management

Date

Bill Bowen
Program Director, DCFM

Date

Programming Team

The following individuals and groups contributed to the programming process.

Utah Schools for the Deaf and the Blind – Management

Linda Rutledge, Superintendent

State of Utah, Division of Facilities Construction Management

Bill Bowen, Program Director

Steering Committee

Linda Rutledge, Superintendent, USDB

Darla Fowers, Director, Deafblind Services

Judi Nielsen, Director, Parent Infant Program

Melanie Austin, Director, USB Central

Lorri Quigley, Director, Educational Resource

Marilyn Madsen, Program Director

Elizabeth W. Parker, Program Director

Carolyn Kwallek-Cook, Program Director

Theresa Martin, Program Director

Axis Architects

Pierre O. Languet, AIA

Alan Turner, AAIA

David Anderson, LEED

Karen Menlove

Abby Lomento

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Utah School for the Deaf and the Blind

Salt Lake City Facility Program



1 EXECUTIVE SUMMARY

1.1 Introduction & Mission Statement

The mission of the Utah Schools for the Deaf and the Blind is to provide high quality direct and indirect education services for sensory impaired children, birth to 21 years old, and their families in the State of Utah. The Individuals with Disabilities Act (IDEA) and the Utah Special Education Rules mandates services for those who qualify for special educations. The USDB Master Plan specifies that the school is to be a statewide resource to serve children throughout the state. USDB also has responsibility for services to younger children with sensory impairments, specifically those from birth to 3 years old. This complex and intense need mandates small classes that accommodate specialized equipment and materials.

1.2 Analysis and Conclusions

1.2.1 Summary of Needs

The Connor Street building, constructed in 1952 and owned by the Boyer Company, has been Salt Lake's hub for providing services to sensory impaired students over the past 13 years. The facility currently serves 200 disabled children, providing vital specialized education for those who are hearing and/or seeing impaired. The school offers various levels of support, such as audiology, psychology, low vision assistance, deaf/blind services, and other technical consulting, as well as media and materials specific to the educational needs of the children. Unlike the local school districts which rely on the USDB to provide for their seeing and hearing impaired needs, the USDB has no taxing authority, no year to year reserves, and receives no property tax funding. 97% of funding for the USDB is appropriated from the Utah State Legislature.

The Connor Street property lease originally expired in 2004, but was extended through June 30th, 2009. In addition to the Conner Street building, a second USDB facility is also nearing the end of its lease. The bi-lingual \ bi-cultural Jean Massieu School for the Deaf currently leases property from Mount Hyrum Academy in West Jordan. This lease will be terminated on June 30th, 2008. There is no option to renew the lease as the building is scheduled for demolition immediately following the termination of the lease. Lastly, the current Salt Lake area USDB classrooms are located in seven Granite School District Schools; due to the realignment of Granite School District boundaries in 2006, 10 of those classrooms will need to be relocated.

1.2.2 Analysis of Existing Facility

Because the Conner Street facility was never designed to accommodate the Utah School for Deaf and Blind, there has never been compatibility between the rooms and the functions which they house. Rooms have been subdivided, relocated, and adapted for unintended purposes. Various substandard accommodations have been made in attempt to utilize the old and outdated building. Overcrowding has forced the vast majority of storage into the basement, a situation which is inconvenient due to insufficient lighting levels, access routes, and low ventilation levels. This is also a problem because confidential testing records are being stored in non-secure areas accessible to the public.

The lease on the Conner Street building varies annually, costing approximately \$300,000 per year. Operation and maintenance costs are extremely high due to the fact that it was constructed in the 1950s. Many of the systems in the building are below adequate standards, such as the mechanical heating system which utilizes outdated technology and is in constant need of repair. Air conditioning is also a problem; many methods have been tried in the past, all of them inefficient and in poor working order. The noise generated by the current system exceeds allowable standards; this is absolutely intolerable in an environment used to serve the sensory impaired. The building's power is currently operating at full capacity with no room for expansion and the electrical system does not comply with building code. In general, none of the utilities are adequate enough to meet the school's needs. The roofing is past its life expectancy, and has unsurprisingly developed leaks in multiple locations. The current alarms and security system are out-of-date, adding to the life safety concerns. The landscape irrigation system is also outdated and requires constant repairs. Nearly every aspect of the building is non-compliant with current building code and despite modifications, is far from meeting the Americans with Disabilities Act Accessibilities Guidelines. This is an unacceptable condition in a facility that specifically serves those with disabilities.

1.2.3 Conclusions

It is the conclusion of the Programming Team that the Conner Street facility is grossly inadequate in size, design, and capacity for future growth. In addition, operation and maintenance costs constitute a disproportionately large share of school funding, impacting the level of service the USDB can provide. As for the Jean Massieu facility, arguments that the building is inconveniently located and out of date are overshadowed by the fact that it will soon be demolished.

When the USDB initially sought solutions for the problems with their facility, several options were voiced. They are as follows:

- A) Purchase an existing building, such as an elementary school
- B) Utilize temporary portable buildings at the current site
- C) Issue a proposal to the Boyer Company to remodel the current building
- D) Lease a facility which better meets the needs of the school
- E) Construct a new facility

Concerns regarding the above alternatives involved up-front cost, operating cost, overall quality and appropriateness of facility, and duration of solution. Research into these options revealed that the only sensible way to provide a suitable facility maintaining an effective educational environment is to construct a new facility.

1.3 Replacement Facility Description

The proposed facility would be designed around the specific needs of the USDB, allowing it to operate as a single centralized hub for Utah. Major areas include the following:

Blind Division	9120 S.F.
Deaf Division- Total Communications Program	9555 S.F.
Deaf Division- Jean Massieu School	8730 S.F.
Resource Center	6460 S.F.
Common Areas	3600 S.F.
Administration	3190 S.F.
Related Services	2574 S.F.
Audiology	900 S.F.
Vision	600 S.F.
Health Services	750 S.F.
Deafblind Services	700 S.F.
Parent/Infant Program	550 S.F.
Information Technology	350 S.F.
Building support	2750 S.F.
23% Efficiency Factor	11361 S.F.
Total:	61290 S.F.

This total area shows a significant decrease from the previous program put forth in September of 2003 (70,946). This reflects a rigorous effort on the part of the programming team to evaluate the needs of the users, and minimize extraneous space. Nearly all areas listed in the previous program were revised to be smaller – this allowed for the addition of the Jean Massieu School without increasing the overall square footage. A description of the major areas follows.

Blind Division:

The School for the Blind includes 11 classrooms designed to be flexible for use by differing levels of instruction and seeing abilities. Each classroom is designed for 12 children. As described above, the typical impaired student requires a larger area. Support areas include testing, work areas, and storage. A Sensory Room and a Home Learning Studio will also be included in this area, and will be used by students of each discipline.

Deaf Division- Total Communications Program:

The Total Communications Program includes 11 classrooms designed to be flexible for use by different levels of instruction and various hearing abilities. Each classroom is designed for 12 children. Due to the fact that many of the children are multiply-impaired and often confined to wheel chairs, a larger area is required per child. In addition, the equipment and materials needed (e.g. for mobility and orientation education and testing) also require a larger area for storage and operation. Support areas include testing, work areas, and storage. The Total Communications Program will include small therapy rooms for one-on-one tutoring and a Deaf Outreach Consultant area.

Deaf Division- Jean Massieu Bi-Lingual/Bi-Cultural School:

Named after the first deaf person to teach hearing-impaired children, the Jean Massieu School offers a very effective alternative method for the education of hearing impaired children, focusing on a bi-lingual and bi-cultural approach. It includes 11 classrooms designed to be flexible for use by differing levels of instruction and various hearing abilities. Each classroom is designed for 12 children. As described above, the typical impaired student requires a larger area. Support areas include testing, work areas and storage. The JMS will also require Program and Testing Specialist offices.

Resource Center:

The Educational Resource Center is a multi-media focal point for the school. It houses and organizes over 7,000 sources of information. Support spaces include multiple workrooms for technical services, therapy equipment, and production of Braille materials, as well as an EdNet suite and associated administrative offices.

Common Areas:

A primary function lacking in the existing facility is a multipurpose room suitable for the specific needs of this user group. This room will be used as an auditorium, gymnasium, and cafeteria. In addition to the multipurpose room, this area contains a re-heat kitchen, stage and table storage.

Administration:

Directors for each of the Schools will have an office. A secretarial suite, conference rooms and a faculty break room complete this area.

Related Services:

There are several programs provided by the USDB and unique to deaf and blind students which do not fall under the realm of either the deaf or blind divisions. Family support, speech and physical specialists, mobility and orientation specialist and psychologists comprise this support area.

Audiology:

An extension of the Related Services area, this section provides testing and analysis, as well as hearing aid repair and storage.

Vision:

An extension of the Related Services area, this suite includes low vision storage and testing areas.

Health Services:

Some aspects of the Health Services Area are similar to that of a typical public school, but special considerations must be made for multiply-impaired children. One full-time nurse and two temporary nurses will utilize this area.

Deaf/Blind Services:

Five full time staff members will use these workstations to provide deaf/blind community outreach.

Parent/Infant Program:

One director and 4 consultants will work together in this shared office, managing programs directed at educating parents with sensory impaired children to ensure that their needs are met from birth until they begin school.

Information Technology:

Servers, storage and a single IT station comprise this area.

Building Support:

Building support is defined as restrooms, janitors' closets and storage, mechanical, electrical and general storage. These areas are included in Building Support to provide a better comparison to the previous program.

23% Efficiency Factor:

With restrooms and storage included above, an efficiency factor of 23% will be challenging, but is achievable.

1.4 Site Summary

The USDB and DFCM have been pursuing the acquisition of an appropriate site for this project for several years. Various potential properties have been reviewed from DFCM holdings to private developer plots and school district properties. These locations were evaluated on the basis of proximity and access, size of plot, compatibility with adjacent properties, potential for future expansion and growth, and cost to acquire.

The USDB is currently in negotiations to purchase a most promising and appropriate potential site owned by Granite School District, located at 3275 W. and 3100 S. Hilldale Elementary sits on a property of over 12 acres. Granite School District suggested dividing the excess property and selling the southern portion to the DFCM. Negotiations involving total area and price are currently underway between the USDB and Granite School District.

This location is appealing due to site access from a quiet street, proximity to freeway on-ramps, and the adjacency to an existing school.

1.5 Cost Estimate and Schedule

Construction costs have skyrocketed in recent years. Conservative estimates figure that the increase in construction costs alone between 2004 and projections for 2007 will be around 30%. In addition, land costs have out-paced construction costs. In 2004, the cost per square foot of this facility was estimated at \$131/S.F. An increase of 30% would amount to approximately \$170/S.F., a number which is commensurate with the estimates the programming team has calculated.

The following table of information represents the best approximation of qualified cost estimators. These numbers are subject to changes in aspects such as bidding climate, bid date, raw materials prices and labor costs. They reflect bidding conditions at the present time. Cost escalation between the current date and the proposed bidding date will increase the total project cost.

Cost Estimate

Hard Costs

Site/Utility/Parking/Landscape	61000	S.F.	\$4.75	/S.F.	\$289,750.00
Architectural	61000	S.F.	\$45.50	/S.F.	\$2,775,500.00
Structural	61000	S.F.	\$35.00	/S.F.	\$2,135,000.00
Mechanical	61000	S.F.	\$30.00	/S.F.	\$1,830,000.00
Electrical	61000	S.F.	\$20.00	/S.F.	\$1,220,000.00
Subtotal			\$135.25	/S.F.	\$8,250,250.00
General Conditions	5%				\$412,512.50
Bonding	1%				\$82,502.50
Overhead and Profit	5%				\$412,512.50
Subtotal					\$9,157,777.50
Design Contingency	10%				\$915,777.75
Subtotal					\$10,073,555.25
Construction Cost Total			\$165.14	/S.F.	\$10,073,555.25

Soft Costs

Bonds and Excess Liability Insurance	0.5%				\$50,367.78
A/E Fees and Reimbursables	7.0%				\$705,148.87
Inspections	1.0%				\$100,735.55
Soils Report	0.1%				\$10,073.56
Surveying	0.1%				\$10,073.56
Commissioning	0.5%				\$50,367.78
Project Management	0.5%				\$50,367.78
Owner's Construction Contingency	5.0%				\$503,677.76
Furnishings	8.0%				\$805,884.42
Audio and Video Technology	2.0%				\$201,471.11
Computers	0.5%				\$50,367.78
Soft Costs Subtotal	25.2%				\$2,538,535.92

Total Project Cost

\$12,612,091.17

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2.0 PROGRAMMING PROCEDURE

The programming team was comprised of the different entities associated with the project, each bringing a unique perspective and expertise. Individuals from the USDB offered information on the current facility, the program it houses, and the future of the school in Salt Lake. The representatives from the DFCM added construction management expertise, maintaining a firm footing in the reality of building educational facilities in Utah. Axis Architects acted as an interpreter of the clients needs, translating these requirements into a cohesive building proposal while maintaining an efficient use of space. Axis utilized its experience in educational design to advise, consult, and finally draft the program.

An initial study was made of the current situation; the inadequacy of the facility, the number of students, faculty, and staff, the overall necessity for the services the USDB provides. An architectural analysis was performed, revealing glaring problems with building maintenance costs, building deterioration, code compliance, ADA accessibility and the ill-suited fit between function and building design.

Using the complaints about the current facility as a base point, the Architects met with numerous interested parties and end-users in order to determine necessary elements of design in the new facility, as well as “wish-list” items that would enhance building performance, provided the budget would accommodate the additions.

The next and most challenging part of the project was the development of area summaries and descriptions for the new facility. Incorporating USDB input, a rigorous evaluation of spaces, square footage, use, amenities and occupant hours was performed. During this period, countless revisions were made to ensure that all the necessities were met while maintaining a strict efficiency. Each proposed space was compared to its respective space in the existing building and similar spaces in the rest of the program.

After the spaces were defined, the “nuts and bolts” of the project were examined: structural approaches, mechanical and electrical systems, code analysis, constructability and life-cycle costs.

At this point, when the project began to take form, a construction cost analysis was performed to ensure that a reasonable investment was being made. This was an interactive stage in the process, during which the spaces and their optimal areas were manipulated to achieve a cost-effective solution.

The final version was produced after a thorough review was conducted by all elements of the programming team.

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Existing
Facility

3.0 EXISTING FACILITIES – CONNOR STREET AND THE HYRUM ACADEMY

3.1 Narrative

Constructed in 1952, the Connor Street building served as a public school until 1984. After that, the space was leased to various public organizations. It became the home of the Utah School for the Deaf and Blind in 1993. Since then, the building has been remodeled twice, once in 1984 and again in 1999. However, standards have changed and this building is no longer adequate for its current use. The design is incompatible with current needs. The stage and some classroom areas are subdivided into office spaces creating privacy issues; an unfinished basement is used for the storage of confidential documents; the number of meeting rooms is insufficient.

The building has many physical problems which include, but are not limited to a roof that leaks continually in several locations, irrigation that requires frequent repairs, and an inefficient electrical system that is not up to code. There is a lack of power outlets which limits the number of computers and thus the use of current technology that is essential to the USDB. Additional outlets cannot be added because the panels are at capacity. The building is also seismically unsound, especially considering the children, many of whom are wheelchair bound, who occupy the spaces. Wheelchair users are also limited in their ability to circulate through the building as it is a split level. In summary, the Connor Street facility does not comply with building code or the Americans with Disabilities standards.

The lease agreement between the USDB and the Boyer Company expires in 2009. As mentioned previously, the current JMS facility is scheduled for demolition in 2009. Without a plan for future accommodations, neither school will be able to continue. The cost of acquiring an existing facility and modifying it for the USDB program is prohibitive, and would most likely provide a substandard, inadequate and inefficient facility. Leasing an existing facility would have the same potential negatives, but without as much ability for adaptation. The only feasible solution is to provide a new facility.

3.2 Existing Facilities Photos

The following photos represent current operating conditions at Connor Street. As the current JMS facility is scheduled for demolition, photos are irrelevant.

Exterior of the building- North side. Asphalt and concrete in disrepair



Northeast Corner- Landscaping requires high maintenance and irrigation



Main Entry- Dark, uninviting and run-down



Parking Lot- Insufficient parking and drop-off areas, not ADA compliant



Play Fields



Northwest Corner- Security Issues



Entry Lobby



Reception- "Temporary" office set up in the middle of the lobby



Corridor



Corridor



Split-Level Corridor- Lift for wheelchairs is slow, cumbersome and non-compliant with ADA standards



Corridor- Storage encroaches on hallway



Blind Division Administration- Overcrowded; offices, workroom, and storage are combined



Director's Offices- "Temporary" cubicle partitions divide and old classroom into offices



Audiology- More “temporary” offices and Audiology testing create a noise environment



Testing Booths



Audiology Offices- Lack of storage



Restrooms- Plumbing provides constant maintenance problems



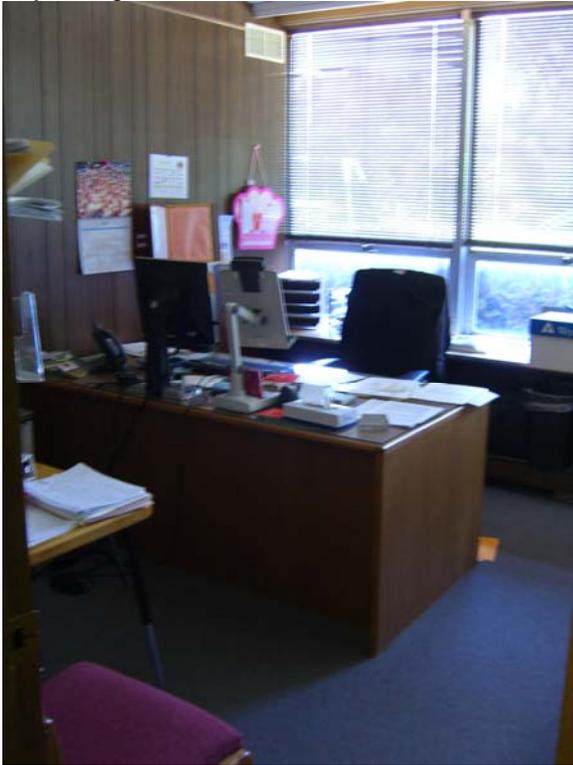
Nurses Station- Another classroom modified, inadequate plumbing



Textbook Storage- Overcrowding makes some items virtually inaccessible



Psychologist's Office



Psychologist's Shared Offices



Specialist's Office- Window is used as a tack-board, lack of storage



Vision Testing- Floor is used for storage and filing



Supply Room- Overcrowded



Low Vision Testing Offices- Another classroom modified, insufficient



Kindergarten Classroom- Loud air-conditioning



Classroom



Boiler- Outdated and in need of constant repair



Occupational Therapy and Orientation and Mobility Specialists- Insufficient storage for testing materials, no privacy, "office" conversations interfere with testing



Orientation and Mobility Testing- Currently house on the stage in the auditorium



Auditorium- No wheelchair access to the stage



Visual Aid Storage- In the basement, inconvenient, unsafe, and a fire hazard



General Storage- In the basement



General Storage



Computer Lab Office



Computer Lab- No additional computers or technology can be added because the power supply is operating at maximum capacity



Deaf Consultant Office- Offices are separated by filing cabinets



Parent-Infant Program Office- Storage and Filing



Deaf School Coordinator's Office



Assistant Director Deaf



Secretary Deaf



Deaf Director's Office



Conference Room- Insufficient power and data connections for needed technology



Speech Pathologist Office



Workroom- Insufficient work surfaces



Faculty Kitchen



Faculty Lunch Room



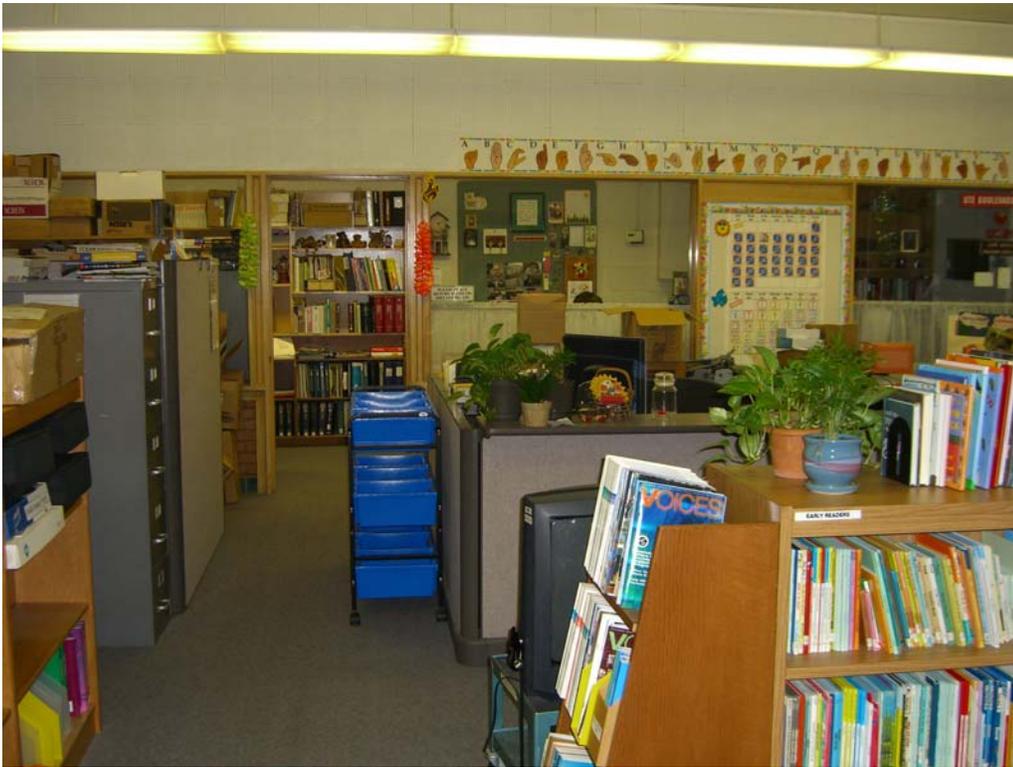
Superintendent and Assistant



Resource Center



Resource Center



Lift and Stairs- Non-compliant with codes



Utah School for the Deaf and the Blind

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4 SITE ANALYSIS

4.1 Proposed Site

The USDB is currently in the negotiation phase with Granite School District to acquire approximately 3.5 acres of the Hilldale Elementary site. This transaction would benefit Hilldale by developing un-used and unsupervised land to the south of their playfields, and by acquiring a responsible neighbor with similar needs and goals. The USDB benefits by maximizing their efficiency by sharing playfields and other site amenities already in place.

Located at 3275 west and 3100 south, this site has much to offer the USDB. It allows for access from Lee Ann Street, a quiet residential road currently dead-ending at the property line. This would provide the USDB a safe entry point for students with low traffic flow. Single-family residences border the property on the east, west, and south sides, with the remaining border being the playfield shared with Hilldale. Approached from the south, the main façade of the building would be sunlit at all hours of school activity. Its proximity to 3500 south, and between I-215 and Bangerter Highway would afford easy access from all directions, an important concern for the parents of students who come from all over north central Utah.

Hilldale Elementary's current 12 acre site would provide more than adequate area for the USDB facility. With building footprint, parking, and site amenities, the USDB requires between 3.5 and 4.5 acres of land. By sharing the playfields and other amenities, there is ample area in the 7.5 acres of the empty lot to provide for this building.

4.2 Site Considerations and Planning

Parking

All required parking should be located on site. In order to minimize construction cost and environmental impact, parking should be limited to the minimum number of stalls allowed by code. This number should include faculty and staff parking, as well as visitor parking. A separate lot for visitors should be considered. There will be a drop-off area for both busses and cars. Wheelchair accessibility should exceed that required by code, due to the large number of multiply impaired students. Parking shall be located in proximity to street access to minimize paved area needed for vehicular circulation.

Orientation of Building

Preferably the building will be situated in an east-west orientation to decrease solar gain and therefore reduce peak cooling loads.

Fire and Life Safety

Fire truck access needs to be maintained. Provide fire department connections and hydrants as required by code and additionally at the discretion of the Utah State Fire Marshal's office. Design access to the building in a way which isolates the typical path of student travel from vehicular traffic. For security reasons, exterior portions of the school typically occupied by children shall be enclosed with fences or walls.

Site Accessibility

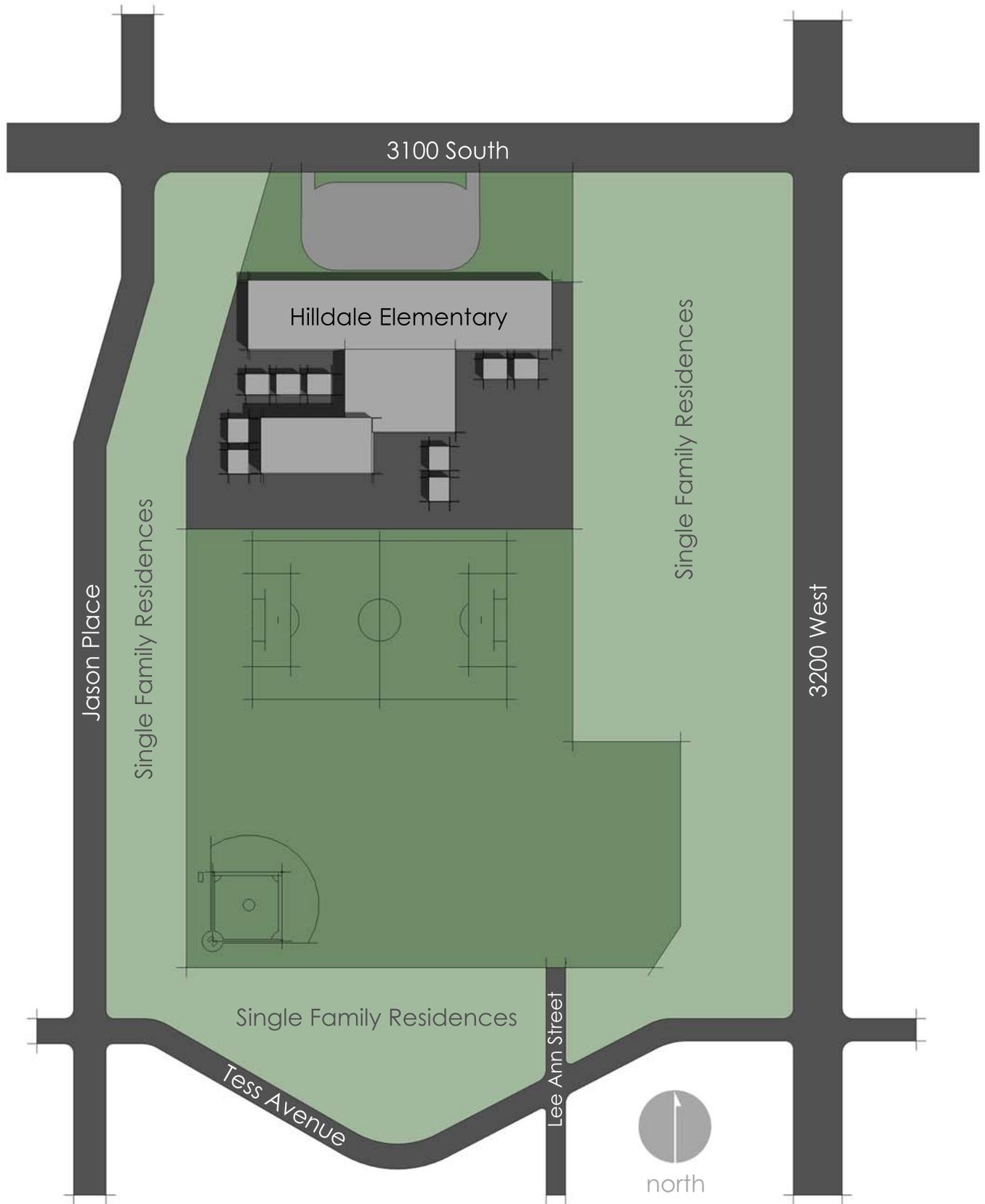
This building will serve a larger percentage of impaired persons than typical structures. Code minimums shall be a starting point for design, but the architect should actively pursue increasing the ease of access for the impaired.

Planting and Irrigation

An irrigation system shall be designed to maintain the selected plantings. Though some portion of the site will need to be irrigated lawn, this should not be considered the default landscape material. Designers should evaluate possible materials based on their level of required maintenance, drought-tolerance, shading ability, aesthetic value and exposure.

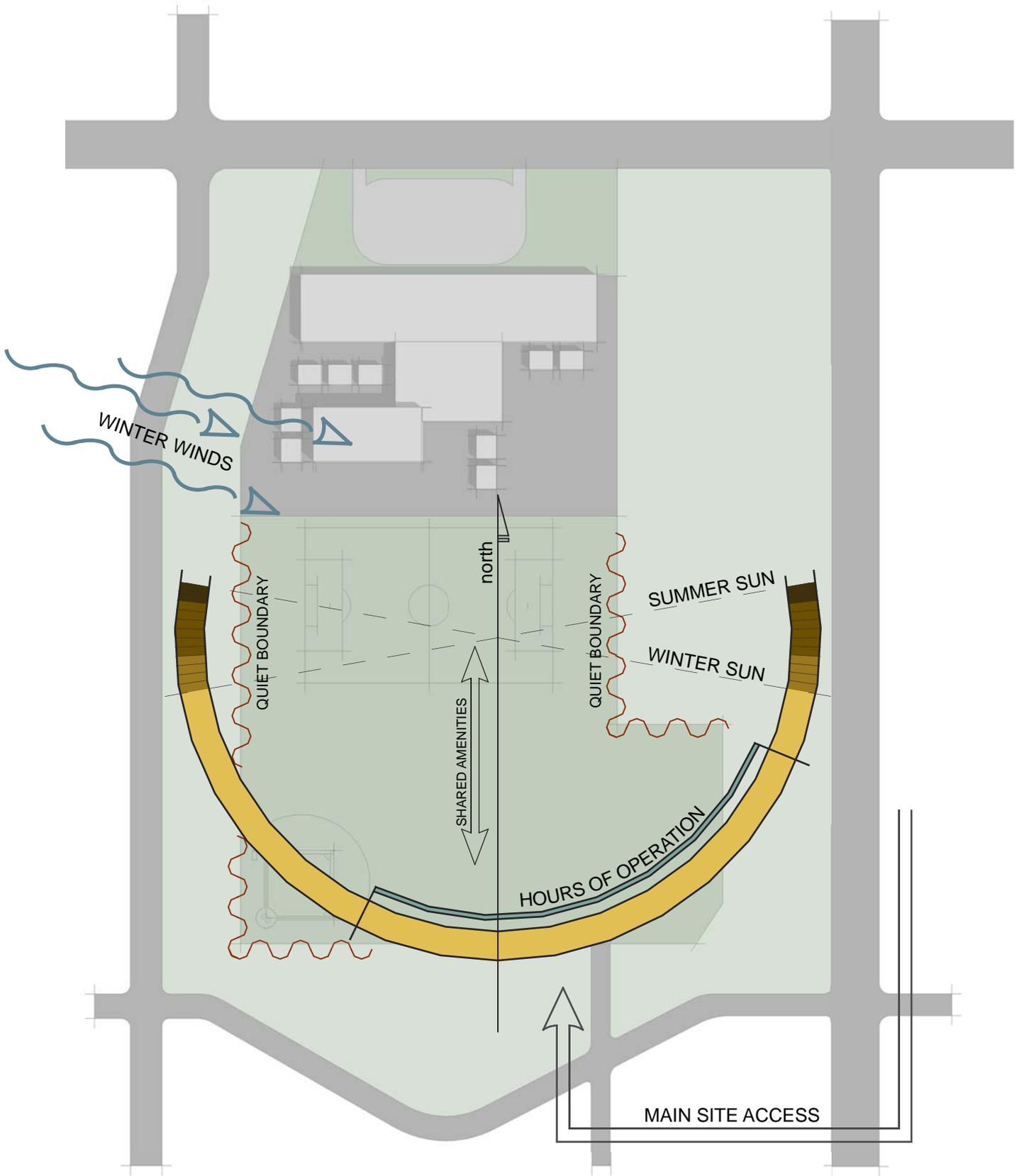
4.3 Site Diagrams

The following diagrams show existing conditions and possible site relationships.



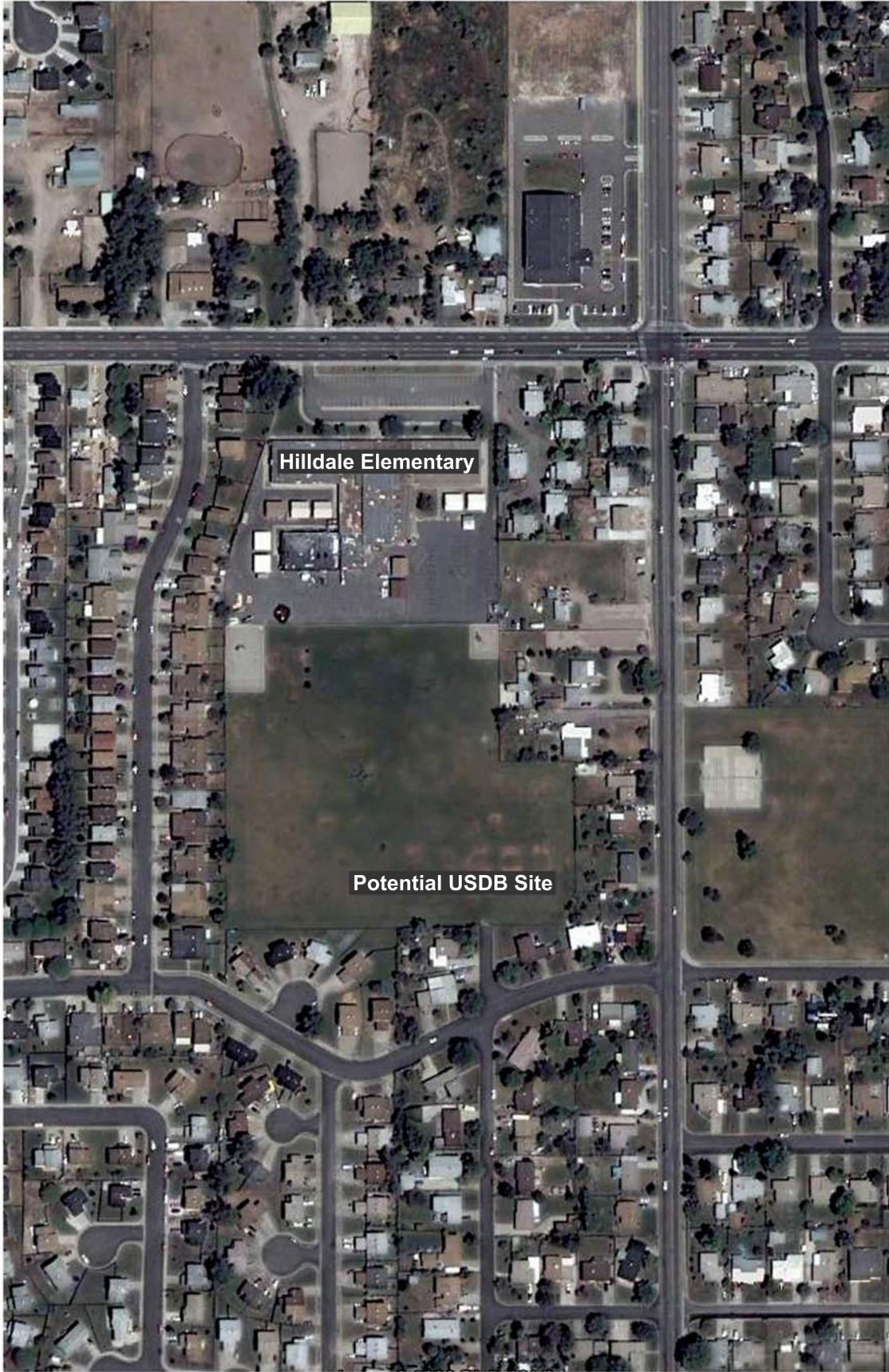
4.3 Site Diagrams

This diagram shows the proposed site of the new USDB Salt Lake Facility. Hilldale Elementary will provide the southern portion of their 12.5 acre lot, with access off of Lee Ann Street. Major roads 3200 West and 3100 South lead to the major arteries of Bangerter Highway and I-215. The shared playfields allow the for overlapping use which decreases the land acquisition cost.



Site Analysis

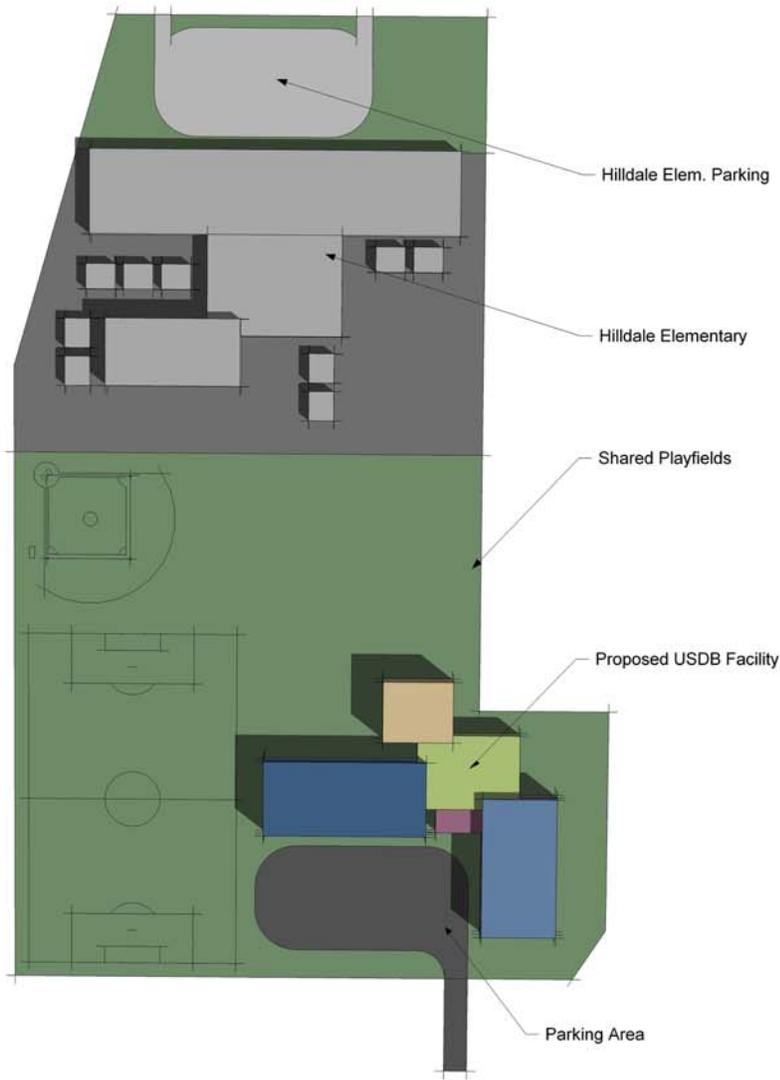
During the hours of operation, sunlight will come from East-Southeast, travelling to the Southwest. Main site access will enter the site from the South. Site amenities can be shared with the existing school to the north. Cold winter winds will enter the site from the West-Northwest. Other than the North boundary, all sides of the site will be at the back of quiet single-family neighborhoods.



Aerial View of Site

SITE DIAGRAM

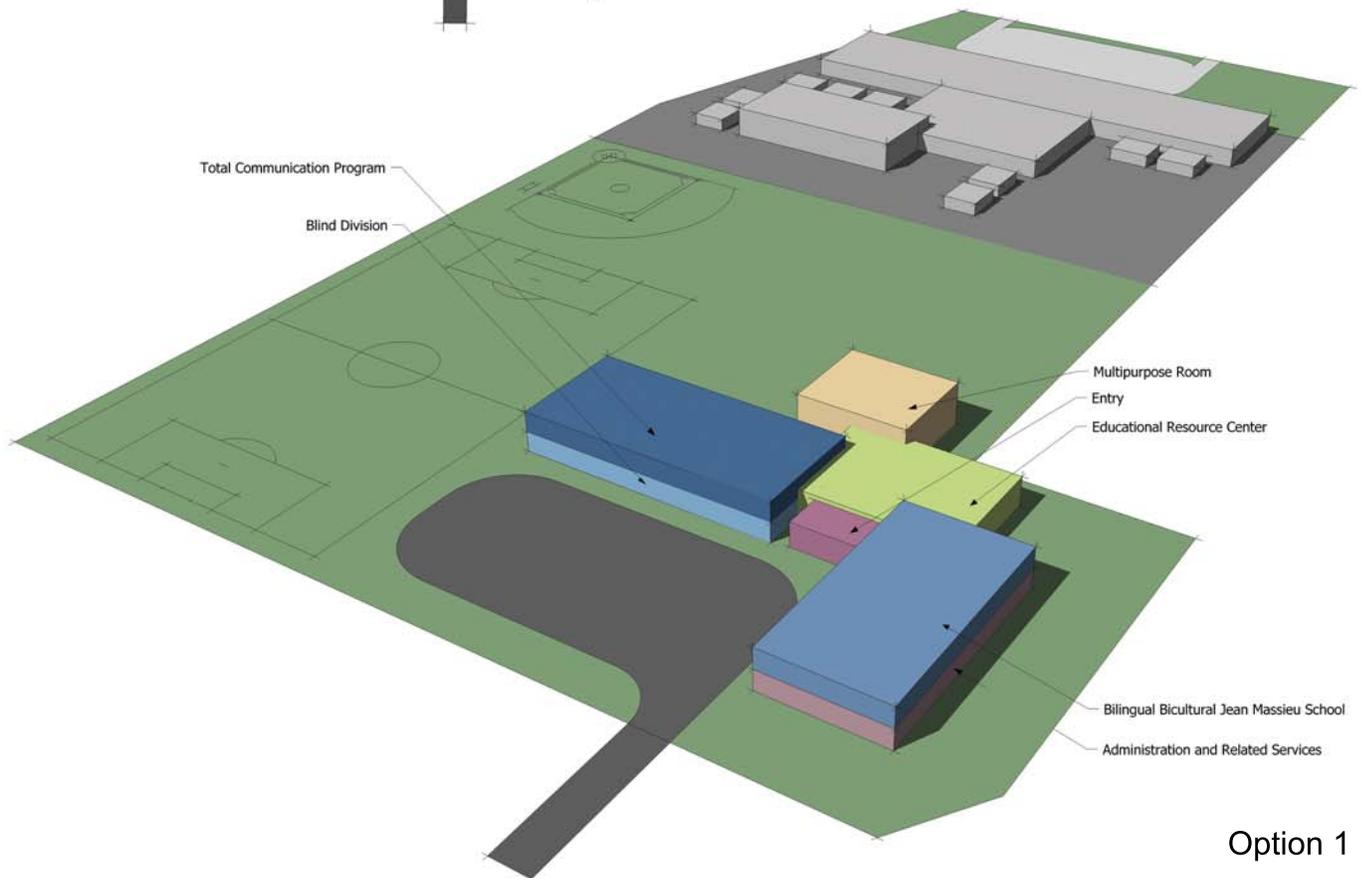
OPTION 1



The first potential site diagram shows a very compact building with wings extending at right angles to the South and West, with a central zone consisting of the Lobby and the ERC, with the Administration area attached. The JMS portion of the program is directly above the Administration/Related services area, opposed to the West by the Blind Division and T.C. Program above. The Multi-purpose room is towards the north. This design maximizes field area while minimizing required area for land acquisition.

Bus and parent drop-off as well as all facility parking would be directly in front of the building, accessed along Lee Ann Street, while the service drive would be provided along the East side of the building, shielded from view.

The entry is detectable from anywhere along Lee Ann Street, forming a view corridor.



SITE DIAGRAM

OPTION 2

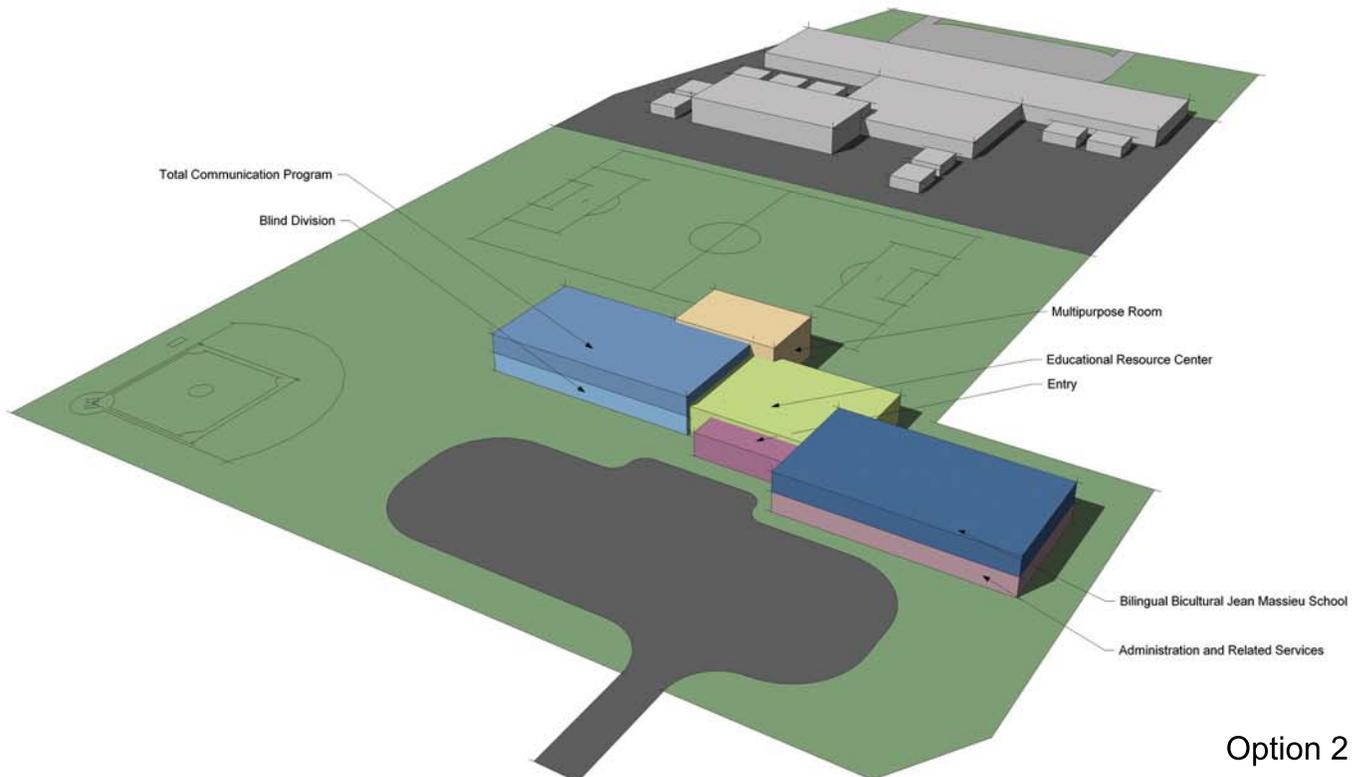
The linear massing scheme of Option 2 presents a more formal approach to school design. Adequate area is still allowed for field sports, but the length of the school requires a larger allocation of land.

As in the other schemes, this layout addresses the frontal approach along Lee Ann Street, and provides parking for faculty, staff and visitors, as well as a drop-off lane for parents and busses.

The building clearly delineates the separation between the two schools, though the playfields wrap the corner of the proposed USDB facility.

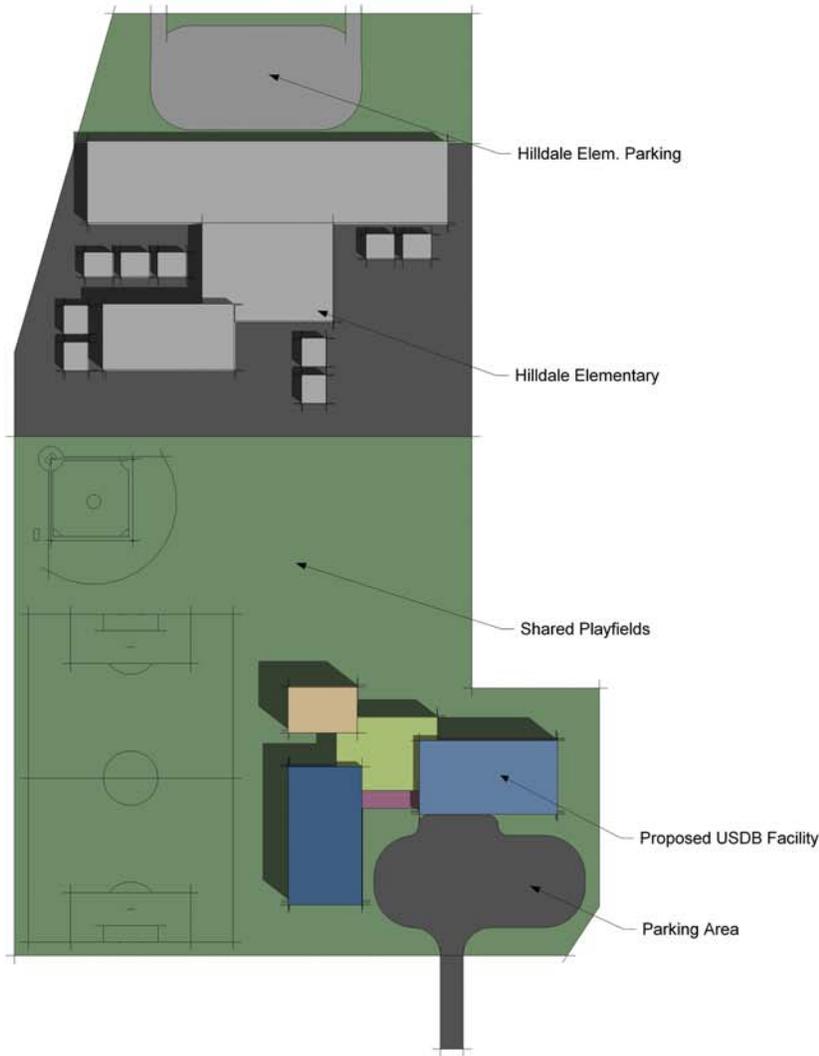
Service access to the loading dock is more difficult in this scenario, but not impossible.

The Lobby is centrally located, adjacent to the ERC and Administration; the classroom areas extend opposite from each other to the East and West. The tall volume of the multipurpose room is pushed to the back but has proximity to the entry and classrooms.



SITE DIAGRAM

OPTION 3



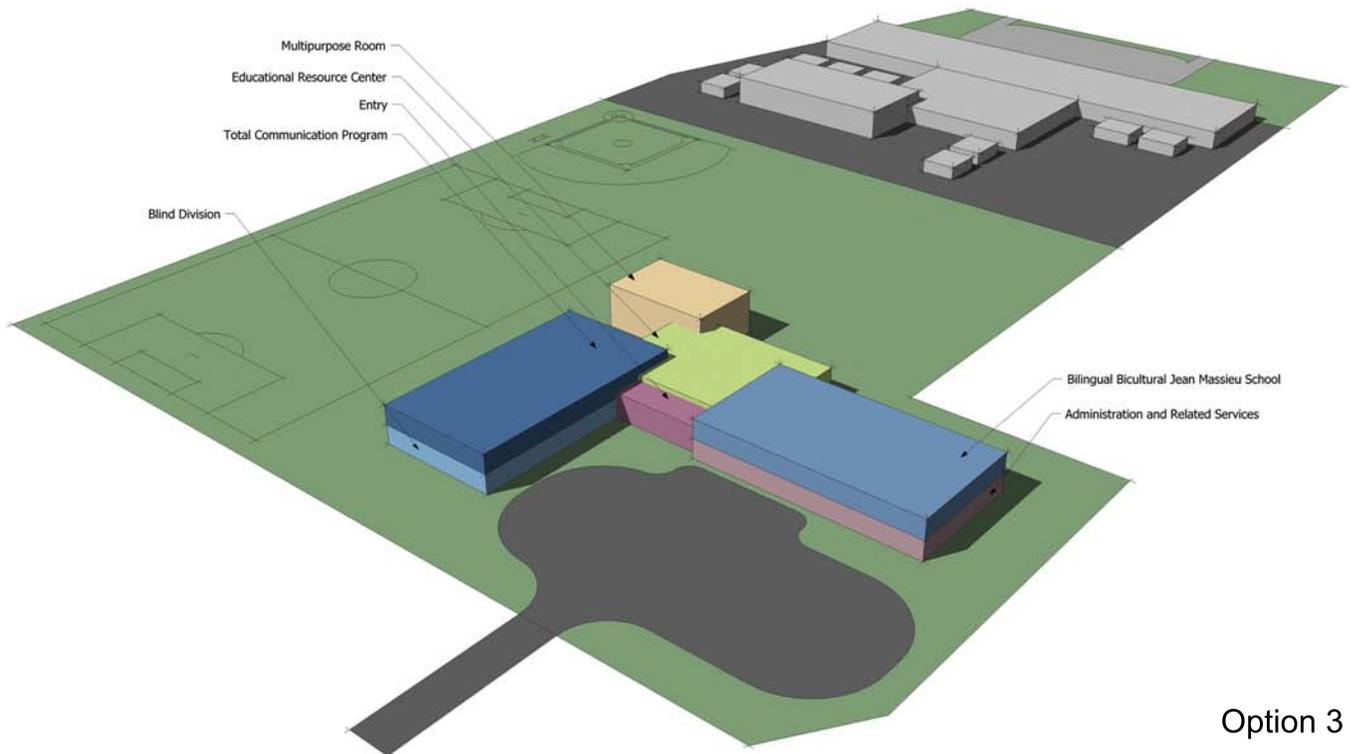
This massing and adjacency scheme provides a compact footprint for parking and facility. A large portion of usable area is formed by the remainder of the site, providing for soccer, baseball and other field sports.

Access can be provided from the main parking area at the front to the multi-purpose delivery area at the rear, screening the loading dock and service yard from view.

This layout provides a design which addresses the site approach from Lee Ann Street.

The Lobby, ERC and Administration form the hub with the classroom wings extending out from the center. The multipurpose room is removed from the rest of the building but retains its proximity to the entry for performances and public use, while also maintaining its relationship to the classrooms.

The entry is clearly visible from the approach and is accessed from the drop-off lane in the parking area.



4.4 Exterior Amenities

Locate trash and recycling receptacles at entrances and in other high-use exterior areas. Provide seating areas to compliment exterior design. Lighting is to be provided along pedestrian walks and parking areas for security.

Playfield

Though smaller than typical school playfields, this area should include a combination of hardscape, landscape, sand box and soft-fall areas. Special attention should be paid to making the hardscaped areas not only accessible but functionally usable to large numbers of wheelchairs.

Outdoor Space

The site should provide planned areas for user occupation. Such areas are gathering spaces, eating areas and circulation routes. Maintain a balance of hardscape and landscape in these areas, as well as sunlit and shaded areas. Analysis of the site should be conducted to determine other possible exterior functions.

4.5 Testing and Surveys – DFCM

The DFCM will provide complete soil testing when the project receives funding. In addition, the DFCM will contract to have an Alta survey and topographic survey conducted prior to design of the facility.

Utah School for the Deaf and the Blind

Salt Lake City Facility Program



5 PROGRAM FOR NEW FACILITY

5.1 User Groups and Activities

The 40 teachers, nurses, therapists, and other staff members at the Utah Schools for the Deaf and Blind facility currently serve a total of 398 students, 151 being blind or visually impaired and 247 being deaf or hard of hearing. There are several programs in place which cater to the needs of each student at every level of development.

The Parent Infant Program, known as PIP, is designed to support parents as they come to understand the special needs of their sensory impaired child. The program also provides resources that aid parents in preparing their children for entrance into the USCB. For families with a vision impaired child, this program provides vision stimulation, tactile awareness, and pre-braille skills. For the deaf/hearing impaired infants and their parents, the PIP program offers instruction on hearing aid use and cochlear implants in addition to lessons on American Sign Language.

Once a child reaches the age of three, they have the option of attending the USDB pre-school, where they begin to develop early learning skills that include sensory discrimination and socialization.

The USDB offers a full kindergarten through 12th grade system where the educational goals are similar to those of a normal school system. The USDB reaches these goals by applying special techniques of instruction using alternative communication modes. The USDB believes that as children grow and learn in such an environment, they may be encouraged to reach levels comparable with children attending regular schools.

The last program offered is for students ages 16-18. At this point, cooperative planning with rehabilitation agencies serving hearing and visually impaired adults begins. The staff from USDB shares information with such agencies in order to aid students in planning for vocational training and independent living.

5.2 Building Organization and Massing

It was determined that two-level construction would be preferable in order to reduce land acquisition cost and optimize construction efficiency. It is imperative that the blind division occupy space on the first floor due to ease of navigation and mobility.

The height of the building should meet applicable codes and zoning, but will most likely be driven by cost effectiveness – a lower building is less expensive, provided that it meets the needs of the programmed spaces. In addition to occupied volumes, the design should incorporate adequate floor-to-floor height in order to avoid conflicts in building systems. The mechanical and structural systems will most likely occupy the interstitial space between the first floor ceiling and the second floor slab. This is a critical area for coordination. Electrical raceways, lights and plumbing may also occupy this space.

The design will require manipulation of the two-story masses to create a welcoming rather than oppressive environment.

Similar to the limitations on height, limitations on sprawl will also provide a more cost-effective solution, and will present a building with shorter circulation distances making it easier to navigate.

Where applicable, similar programmatic spaces should inhabit similar volumes, gaining efficiency by means of repetition.

There should be direct access from the parking and drop-off area to the main entry. The main entry should be easily recognizable from the approach. There should be a major circulation system linking this entry and other secondary entries as it passes required programmed areas. Due to the two-story nature of the building, an elevator will be required; it should be centrally located, near a stair and in proximity to the main entry to shorten circulation distances. One or more of the secondary entries to the building should directly access the playground area. The main entry should be in a location which allows for supervision by the administrative staff.

Building organization should take day-lighting into account; each classroom and office should have daylight, and windows providing views are preferred over skylights.

Buildings oriented along an east/west axis will be less expensive to operate and may require a smaller mechanical system package due to reduced solar gain.

Considerations should be made for building service and operation. A service yard and loading dock will be required, and it is preferable that these areas remain screened from view. Snow removal along paved walkways and the parking lot should influence the layout of site amenities. Consider snow staging areas during heavy snows.

Versatility should always be included in design decisions. When possible and applicable, spaces should be evaluated for potential multi-use and overlapping program. Standard spaces such as classrooms should be designed for the advent of change in function and should be equipped with a standard furnishings package.

5.3 Efficiency Analysis

Design efficiency is a paramount concern, especially with recent escalations in construction costs. By limiting unnecessary built area, more money can be focused on the critical program. The main factors which contribute to efficiency are circulation and building support functions. By comparing the actively used areas to those which simply facilitate the intended use, one can arrive at a building net to gross ratio. Thus, the higher percentage of area usable space (e.g. classrooms), and the lower percentage allocated to support (e.g. fan rooms), the more successful and efficient the building.

The following table outlines rough estimates for building efficiency, where percentage in relation to overall square footage.

Circulation:	23%
Mechanical:	2%
Electrical:	.5%
Restrooms:	1.2%
Custodial:	0.2%
Total:	26.9%

The first step towards efficiency was “paring down” of the requested programmatic areas. Multiple work stations within a common room were substituted for individual office spaces. Conference rooms were eliminated when it became clear that centrally locating other conference rooms would suffice. Similar considerations were made throughout the rest of the building.

By providing rooms which promote flexibility, more excess area was eliminated. The multi-purpose room will function as a cafeteria, gymnasium, and auditorium, as is typical in many elementary schools. All classrooms are programmed to be designed with a standard set of criteria which will enable each one to be used by students of all levels and degrees of sensory impairment. This, in turn, will allow classroom designations to match the population requirements without overcrowding some rooms while others remain dormant.

Further considerations must be made during the design process to ensure flexibility. One method is to minimize circulation spaces. This can be achieved by reducing distances between the various areas within the program, and by “double loading” corridors. Another method is to focus on potential areas where function can overlap. For instance, portions of circulation area may double as gathering spaces. Areas used only part-time during the typical day may be programmed with a second function for the remainder of the day.

Comprehensive coordination with the different building systems at the beginning of the design phase may allow for the elimination of mechanical, electrical, and telecommunications rooms. Likewise, an efficient bearing system can minimize the footprint required for building structure, and can reduce cost by down-sizing structural members.

By maximizing the net to gross building ratio, allocated funds can more directly achieve intended results.

5.4 Constructability

There are multiple factors which promote constructability of large scale educational facilities, and many of them have a direct effect on cost.

Standardization:

Repetition of the same element can promote ease of construction and decrease cost. By doing so, however, care must be taken in design to avoid banality. For instance, limiting the number of different window types and sizes can offer simpler fabrication and lower cost. Utilizing the same fixtures for plumbing and electrical devices can have the same effect.

System Compatibility:

Coordination of various building elements during the design phase will allow for streamlined construction and avoid costly complications and delays.

Whenever possible, requiring all components of a system to be made by a single manufacturer will aid compatibility and provide simpler maintenance and operation. This is especially important in mechanical and electrical controls.

Limit Material Palette:

By minimizing the number of different materials used for construction, the designer can limit the number of different trades on a job site, often lowering cost, simplifying coordination, and speeding construction schedules. Variations in color, texture, and surface can often replace variation in material while affording the opportunity for design articulation.

Functional Aesthetics:

Decorating for the sake of decoration is costly and time consuming, often requiring additional labor on the part of the contractor. By utilizing the building elements to express design concept, with attention to proportion, surface, and volume, functional elements can achieve the desired aesthetic goal.

Repetition of Spaces:

It is simpler, quicker, and less expensive to replicate one classroom plan 33 times than to build 33 different classrooms. This concept can be applied to various portions of the program, and will affect nearly every trade dramatically.

5.5 General Adjacencies

5.5.1 Adjacencies description

The building will be organized into the following sections:

Deaf Division- Total Communications Program – Instruction and learning specifically for the deaf

Blind Division – Instruction and learning specifically for the blind

Deaf Division- Jean Massieu School – Instruction and learning for the deaf under the Jean Massieu method

Educational Resource Center – Learning tools and materials

Common Areas – Large Gathering spaces

Administration – Reception and office work

Related Services – Various support and specialist functions and programs

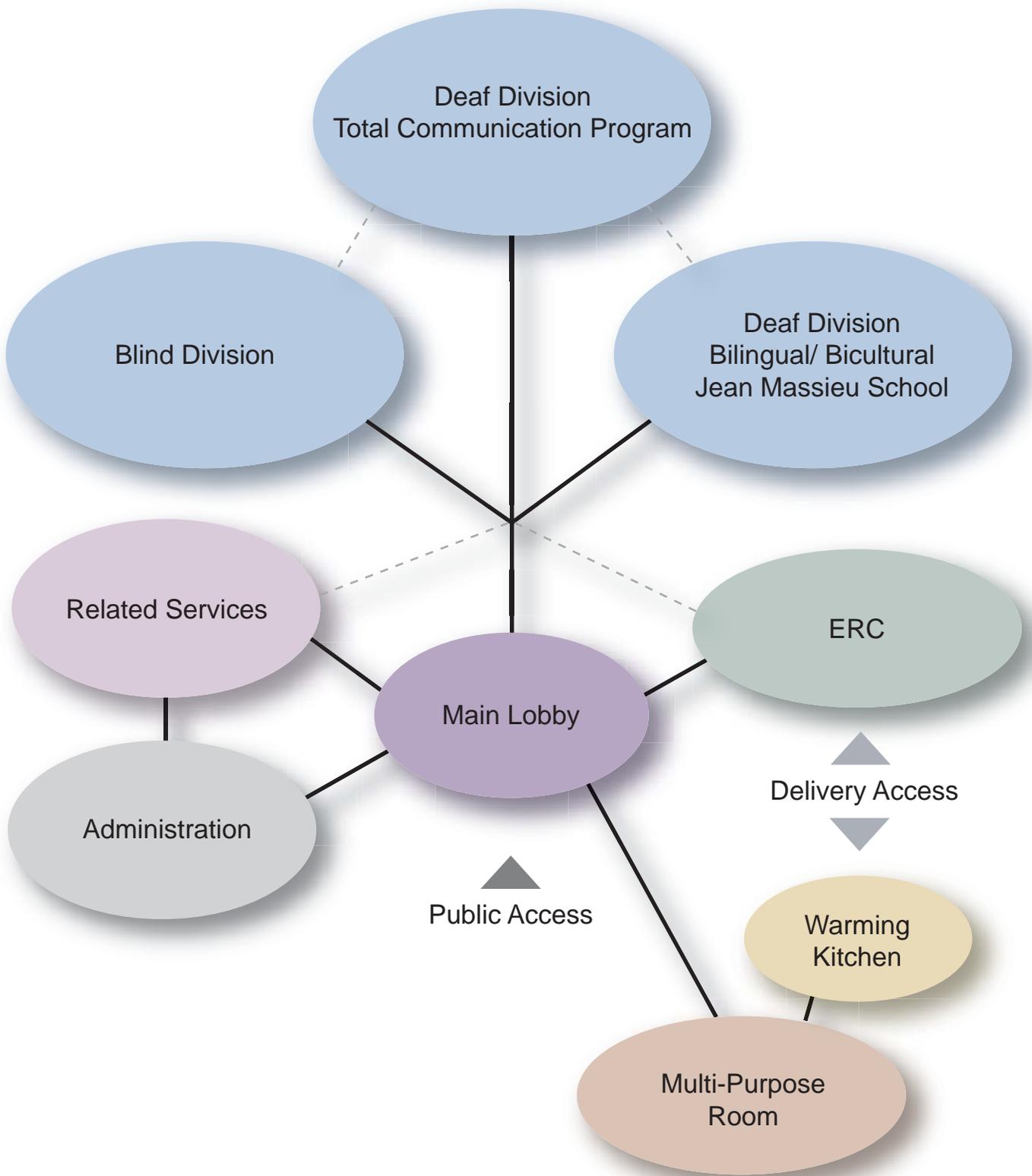
Information Technology – Communication and computers

Building Support – Restrooms, Mechanical and Electrical closets, Janitorial

These general functions will be grouped to facilitate function within. In addition, the following adjacencies should be maintained.

1. The Educational Resource Center Related Services and Administration will be easily accessible to all students, somewhat centrally located.
2. The administration should be near the main entry for supervision purposes.
3. Portions of the Related Services areas may be associated with other programs as deemed necessary. Office areas within this group should be located in the vicinity of the Administration area, and generally located relative to the classrooms.

4. Commons areas should be distributed by function, centrally located in general for access from all different areas.
5. Building support areas such as mechanical and electrical main rooms should be located at the exterior for service, but should not be remote in order to avoid excessive conduit, wiring, water and duct runs. Smaller intermediate service areas and janitorial closets should be arranged throughout the building to increase effectiveness.
6. Information technologies should be located in or near the Administrative area for security and convenience



5.5.2 Adjacencies Diagram

AREA A - Administration

Room	Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF	
A-01	Superintendent's Office	Shared space for Superintendent and Assistant Superintendent	N/A	2	200	1	200
A-02	Directors' Offices	One office each for Directors (Blind, Deaf, Related Services)	72	1	180	3	540
A-03	HR/Business Office	Human Resources and Business, Shared Office Space	N/A	2	200	1	200
A-04	Secretarial Suite	5 work stations (1 for Related Services, 2 for Blind, 1 for Deaf 1 for JMS) - Shared space, Copy Machine, Counter Space.	N/A	5	500	1	500
A-05	Admin. Reception	DVD displaying information, switchboard, etc.	200	1	100	1	100
A-06	Admin. Waiting Area	Shared with related services	200	5	150	1	150
A-07	Admin. Play Area	Shared with related services	200	5	150	1	150
A-08	Large Conf. Room	Meeting area for up to 30 people	380	30	300	1	300
A-09	Medium Conf. Room	Meeting area for up to 8 people	0	8	200	1	200
A-10	Small Conf. Room	Meeting area for up to 4 people - w/ videa relay capability	420	4	100	1	100
A-11	Mail Room	Regular postage mail/FedEx/UPS - Slots and large packages.	0	N/A	150	1	150
A-12	Faculty Break Room	Dishwasher, microwave, sink, refrigerator	420	10	400	1	400
A-13	Work and Storage	General Storage, File Storage, and Work Spaces	N/A	N/A	200	1	200
TOTAL			1892				3190

AREA B - Classrooms

Blind Division

Blind Division			Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
Room	Description						
B-01	Preschool	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM	4800	12	700	3	2100
B-02	Preschool Restroom	Toilet Room, Changing Area with Hoyer lift.	N/A	1	100	2	200
B-03	Kindergarten	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM	N/A	12	700	2	1400
B-04	Kindergarten Restroom	Toilet Room, Changing Area with Hoyer lift.	N/A	1	100	1	100
B-05	Sensory Room	Sensory Education - Must be able to be made completely dark	N/A	2	120	1	120
B-06	1st-6th Grade Classroom	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM	N/A	12	700	6	4200
B-07	1st-6th Therapy and Observation	One-on-one education and testing	N/A	2	120	1	120
B-08	Workroom / Storage	Work surfaces with storage	N/A	N/A	150	1	150
B-09	Storage	General storage	N/A	N/A	150	1	150
B-10	Home Learning Studio	Bed, kitchenette, laundry for life training	N/A	2	400	1	400
B-11	Specialist Office	Shared office	N/A	2	180	1	180
SUBTOTAL			4800				9120

AREA B - Classrooms

Deaf Division- Total Communications Program

			<i>Existing SF</i>	<i>Occupants</i>	<i>Net Area S.F.</i>	<i>Quantity</i>	<i>Total NASF</i>
B-12	Preschool	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM. Shared with JMS.	N/A	12	700	3	2100
B-13	Preschool Restroom	Shared, 1 per 2 classrooms	N/A	N/A	100	2	200
B-14	Preschool Therapy and Observation	1 per Preschool classroom - small furniture - low tables and storage	N/A	N/A	75	3	225
B-15	Kindergarten	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM	N/A	12	700	2	1400
B-16	Kindergarten Restroom	Toilet Room, Changing Area with Hoyer lift.	N/A	N/A	100	1	100
B-17	Kindergarten Therapy and Observation	1 shared for kindergarten classrooms	N/A	2	120	1	120
B-18	1st-6th Grade Classroom	1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM.	N/A	12	700	6	4200
B-19	1st-6th Therapy and Observation	One-on-one therapy	N/A	2	75	3	225
B-20	Workroom / Storage	Work surfaces with storage	N/A	1	150	1	150
B-21	Deaf Outreach	Consultant Stations - private offices for teachers - file cabinets and work stations - full height teacher cabinets - FM	750	1	65	5	325
B-22	Specialist Office	Shared office	N/A	2	180	2	360
B-23	Storage	General storage	N/A	N/A	150	1	150
SUBTOTAL			750				9555

AREA B - Classrooms

Deaf Division- Bi-Lingual / Bi-Cultural Jean Massieu School

Room			Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
B-24	Kindergarten		1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM. Visually Open.	N/A	12	700	1	700
B-25	Kindergarten Restroom		Toilet Room, Changing Area with Hoyer lift.	N/A	1	100	1	100
B-26	Kindergarten Therapy and Observation		One-on-one therapy	N/A	2	75	1	75
B-27	1st-12th Grade Classrooms		1/2 Carpet, 1/2 Washable, wet, water, storage room, intercom, FM. Visually Open.	N/A	12	700	10	7000
B-28	1st-12th Therapy and Observation		One-on-one therapy	N/A	2	75	5	375
B-29	Workroom / Storage		Work surfaces with storage	N/A	1	150	1	150
B-30	Storage		General Storage	N/A	N/A	150	1	150
B-31	Specialist Office		Shared office	N/A	2	180	1	180
SUBTOTAL				0				8730
TOTAL				0				27405



Utah Schools for the Deaf and Blind

Salt Lake City Facility

AREA C - Educational Resource Center

Room	Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
C-01	Director's Office	N/A	1	150	1	150
C-02	Librarian Office	102	1	150	1	150
C-03	Circulation Desk	0	1	100	1	100
C-04	Collection	624	60	900	1	900
C-05	Parent Resource	N/A	N/A	200	1	200
C-06	Storytelling	N/A	20	200	1	200
C-07	Technical Services	48	3	400	1	400
C-08	Textbook Room	1479	N/A	750	1	750
C-09	Braille Production Workroom	N/A	2	300	1	300
C-10	Braille Production Storage	N/A	N/A	200	1	200
C-11	Teaching Aid / Therapy Equipment	4693	N/A	1500	1	1500
C-12	EdNet Suite	552	1	800	1	800
C-13	EdNet Reference	N/A	1	150	1	150
C-14	A/V Equipment Storage	N/A	1	300	1	300
C-15	Research and Curriculum Assistants	N/A	2	180	1	180
C-16	Assistive Technology/Computer Lab	N/A	1	180	1	180
TOTAL		7498				6460

AREA D - Related Services - General

Room		Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
D-01	Family Support Specialist	Work Station	100	1	64	1	64
D-02	Physical Therapist	Work Station	N/A	1	64	1	64
D-03	Occupational Therapist Office	Cubicle	80	1	64	2	128
D-04	Speech Specialists	Work Station	N/A	1	64	2	128
D-05	Orientation/Mobility Specialist	Work Station	N/A	1	64	5	320
D-06	Orientation/Mobility Work Area	Work Stations - (6) Teacher closets at 4' x 2'-6 x6' with large work table	N/A	6	250	1	250
D-07	Psychologist / Social Worker's Office	Office with desk and test table	340	1	150	3	450
D-08	Evaluation Room	Office - Adjacent to motor room	N/A	2	150	1	150
D-09	Motor Room and Storage	Exercise Room - Adjacent to student evaluation, classrooms, therapist room. Sport Floor and exercise equipment w/4' deep continuous storage along 1 wall	960	12	900	1	900
D-10	Small Conference	Discussion and Coordination	N/A	6	120	1	120
TOTAL			1480				2574

AREA E - Related Services - Vision

Room		Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
E-01	Vision Specialist Suite	2 Offices and Receptionist with demonstration space	N/A	3	250	1	250
E-02	Testing Room	Workstation / Testing - 20'-0" in length, can be darkened - requires sink	N/A	2	150	1	150
E-03	Low Vision Storage	Storage of low vision aids	105	N/A	200	1	200
TOTAL			105				600

AREA F - Related Services - Audiology

Room			Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
F-01	Audiology Office	Office	280	1	120	3	360
F-02	Testing Booth	Pre-Manufactured Testing Booth Provided by Owner	100	1	100	2	200
F-03	Pre-test area	Room for working with students while not in booth, quite for Oto Acoustic Emission and other tests. Remote, quite.	80	4	100	1	100
F-04	Audiology Conference Room	Room for meeting with students and family	100	6	120	1	120
F-05	Hearing Aid Repair/Storage area	Work benches, testing equipment, sink, cupboard and shelving, work area for ear molds; secure shelves and cabinets	100	1	120	1	120
TOTAL			660				900

AREA G - Related Services - Health Services

			<i>Existing SF</i>	<i>Occupants</i>	<i>Net Area S.F.</i>	<i>Quantity</i>	<i>Total NASF</i>
Room	Description						
G-01	Nurse's Station	Shared office for nurse and assistant - (3) workstations (1 permanent and 2 temporary plus storage)	120	3	250	1	250
G-02	Sick Room	Room with bed for student to lay down and wait for parent pick up, and waiting room	N/A	2	80	1	80
G-03	Restroom	Room/Shower - ADA Accessible	N/A	1	100	1	100
G-04	Storage	General Storage	80	N/A	200	1	200
G-05	Laundry Room	Close to classrooms and nursing station	N/A	1	120	1	120
TOTAL			200				750

USDB

Utah Schools for the Deaf and Blind

Salt Lake City Facility

AREA H - Deafblind Services

			<i>Existing SF</i>	<i>Occupants</i>	<i>Net Area S.F.</i>	<i>Quantity</i>	<i>Total NASF</i>
Room	Description						
H-01	Deafblind Outreach	Consultant Office - Lockable Storage, Files, and Table	140	5	700	1	700
TOTAL			140				700

USDB

Utah Schools for the Deaf and Blind

Salt Lake City Facility

AREA J - Parent/Infant Program

Room		Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
J-01	Consultant Work Area	1 Assistant Director and 4 Consultant Work Stations - 5 Teacher Wardobes	N/A	5	550	1	550
TOTAL			0				550

AREA K - Common Areas

			<i>Existing SF</i>	<i>Occupants</i>	<i>Net Area S.F.</i>	<i>Quantity</i>	<i>Total NASF</i>
Room	Description						
K-01	Main Entry Lobby	Orientation, gathering	N/A	20	500	1	500
K-02	Cafeteria/Multipurpose	Eating and gathering area	2700	250	2000	1	2000
K-03	Re-Heat Kitchen	Small kitchen for reheat and serving	N/A	8	450	1	450
K-04	Stage/Platform	Stage and seating area - possibly shared with another area	1030	30	500	1	500
K-05	Table Storage	Cafeteria tables and chairs	N/A	N/A	150	1	150
TOTAL			3730				3600

AREA L - Information Technology

			<i>Existing SF</i>	<i>Occupants</i>	<i>Net Area S.F.</i>	<i>Quantity</i>	<i>Total NASF</i>
Room	Description						
L-01	IT Station	Refer to Ogden, with extra counter space (for configuration and sizes)	48	2	100	1	100
L-02	Servers and Storage	Climate controlled room. One rack (existing) with capability for expansion. Storage for PC's, equipment and supplies	48	N/A	250	1	250
TOTAL			96				350

AREA M - Building Support

Room			Description	Existing SF	Occupants	Net Area S.F.	Quantity	Total NASF
M-01	Restrooms		ADA Compliant	N/A	3	195	4	780
M-02	Janitor's Closet and Storage		Includes storage for supplies, heavy equipment, (buffers, floor strippers, etc.)	N/A	1	120	1	120
M-03	Mechanical		Heating, Ventilation, Air-Conditioning and Plumbing	N/A	0	1200	1	1200
M-04	Electrical		Power service	N/A	0	250	1	250
M-05	Maintenance Storage		Adjacent to dock area, Fire resisitant cabinets, work benches and janitorial sink	N/A	N/A	200	1	200
M-06	School Supply Room		General stock storage	N/A	N/A	200	1	200
TOTAL				0				2750

Building Totals

AREA		Description	% Of Total	Total NASF
A	Administration	Reception and office work	5.20%	3190
B	Classrooms	Instruction and Learning	44.71%	27405
C	Educational Resource Center	Learning tools and materials	10.54%	6460
D	Related Services - General	Support outside of normal curriculum	4.20%	2574
E	Related Services - Vision	Support specific to vision therapy	0.98%	600
F	Related Services - Audiology	Support specific to audiology	1.47%	900
G	Related Services - Health Services	Health and nurses	1.22%	750
H	Deafblind Services	Support specific Deafblind, sign, and family	1.14%	700
J	Parent/Infant Program	Support specific to Parent/Infant Program	0.90%	550
K	Common Areas	Large gathering spaces	5.87%	3600
L	Information Technology	Communications and computers	0.57%	350
M	Building Support	Restrooms, Mechanical and Electrical closets, Janitorial	4.49%	2750
Subtotal				49829
23% Efficiency Factor				23.00%
TOTAL				61290

Department: Administration **A**

A-01 Superintendent's Office

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum, sound insulation

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

Preferable

Doors:

Solid core wood with side light

HVAC:

Avg Temperature 68-72

Plumbing:

None

Lighting:

Indirect florescent - 50-70 footcandles

Telephone:

(2) locations

Computer:

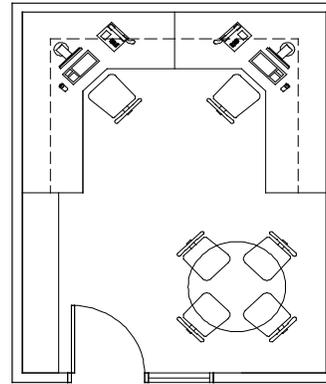
(3) Power and Data locations

Other Electrical:

Power every 10 feet

Other Considerations:

Daylighting preferred



PLAN

SPACE:

Square Footage:

200

Quantity:

1

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

2

FUNCTION:

Administration

ADJACENCIES:

Secretarial Suite, Directors' Offices

ATTRIBUTES

Equipment:

Computers, N.I.C.

Furniture:

Office Furniture, N.I.C: 2 Task Chairs,
2 Work Stations, 2 Filing Cabinets

Audio/Visual:

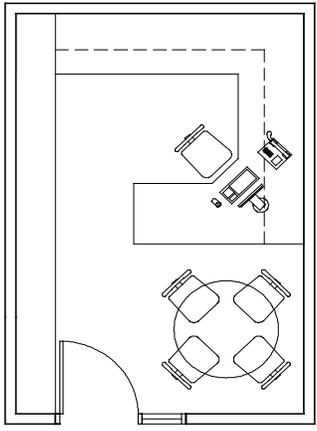
None

FURNISHINGS

Department: Administration **A**
A-02 Directors' Offices

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with side light
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
180
- Quantity:
3
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Administration

ADJACENCIES:

Secretarial Suite, Superintendent's Office

ATTRIBUTES

Equipment:

Computer, N.I.C.

Furniture:

Office Furniture, N.I.C.

Audio/Visual:

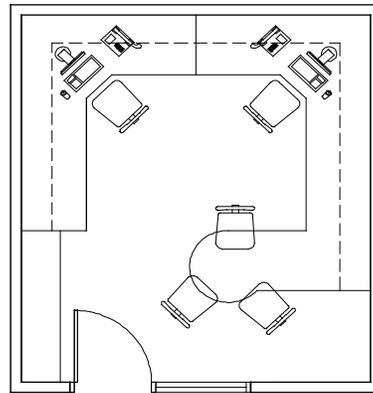
None

FURNISHINGS

Department: Administration **A**
A-03 HR/Business Office

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with side light
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

Business Relations/ Human Resources

ADJACENCIES:

Director's Office, Superintendent's Office

ATTRIBUTES

Equipment:

Computer, N.I.C.

Furniture:

Office Furniture N.I.C.

Audio/Visual:

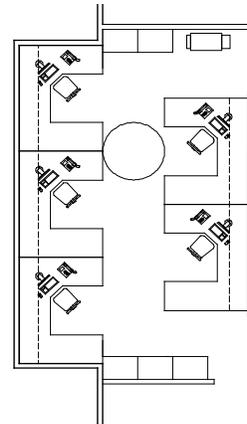
None

FURNISHINGS

Department: Administration **A**
A-04 Secretarial Suite

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
None
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(5) locations
- Computer:
(5) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



SPACE:

- Square Footage:
500
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
4

FUNCTION:

Document Processing, assisting directors

ADJACENCIES:

Director's Offices, Reception

Equipment:

Copy Machine, 5 computers N.I.C.

Furniture:

Office Furniture, N.I.C.

Audio/Visual:

PLAN

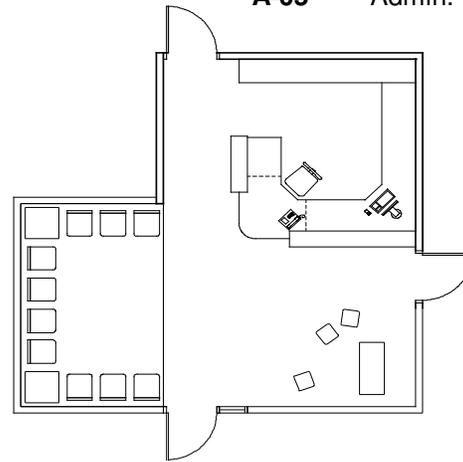
ATTRIBUTES

FURNISHINGS

Department: Administration **A**
A-05 Admin. Reception

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(3) locations
- Computer:
(3) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Building Reception

ADJACENCIES:

Main Entry, Offices, Mail

ATTRIBUTES

Equipment:

Computer, N.I.C.

Furniture:

Built-in Reception Desk, Office Furniture N.I.C., Files.

Audio/Visual:

P.A. System
 DVD, Switchboard

FURNISHINGS

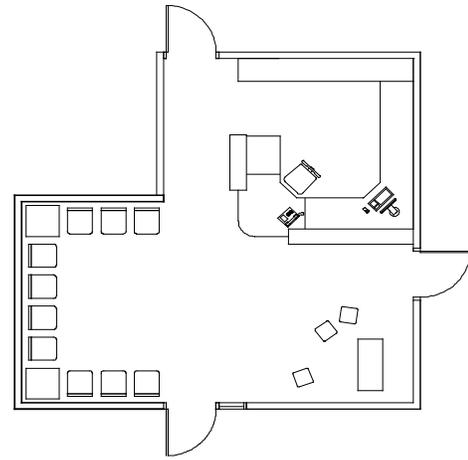
Department: Administration

A

A-06 Admin. Waiting Area

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum with side light
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Waiting

ADJACENCIES:

Reception, Entry, Related Services

ATTRIBUTES

Equipment:

None

Furniture:

Chairs, and End Tables, etc. N.I.C.

Audio/Visual:

None

FURNISHINGS

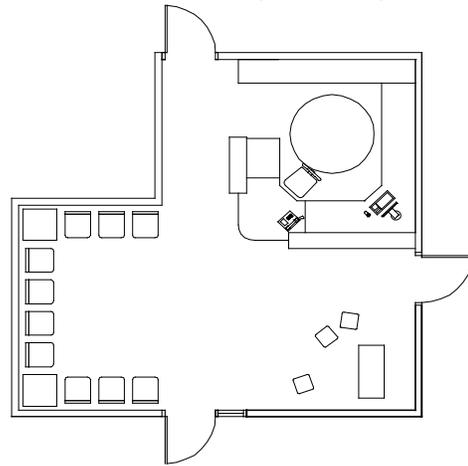
Department: Administration

A

A-07 Admin. Play Area

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
8'-0"
- Occupants:
5

FUNCTION:

Waiting Area For Children

ADJACENCIES:

Waiting Room, Reception

ATTRIBUTES

Equipment:

DVD Player, Television

Furniture:

Chairs and Table, N.I.C.

Audio/Visual:

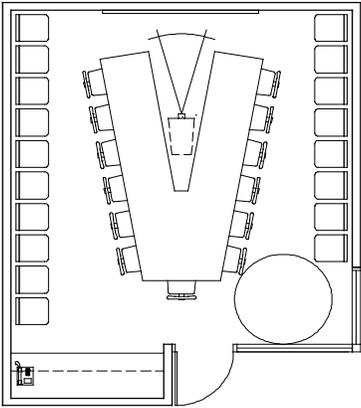
Possible DVD, TV

FURNISHINGS

Department: Administration **A**
A-08 Large Conf. Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
300
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
30

FUNCTION:

Meetings, Discussion, Teleconferencing

ADJACENCIES:

Reception offices

ATTRIBUTES

Equipment:

Visual Display Boards

Furniture:

Conference Table N.I.C.,
Chairs N.I.C.

Audio/Visual:

- Teleconference System
- TV/DVD or Projection
- Microphone System
- Cord Management System

FURNISHINGS

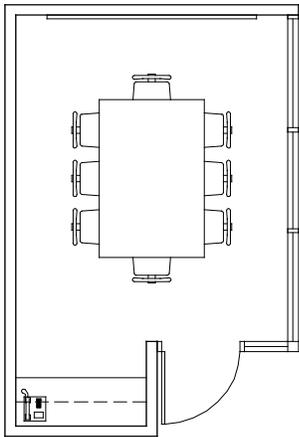
Department: Administration

A

A-09 Medium Conf. Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
8

FUNCTION:

Meetings, Discussion, Teleconference

ADJACENCIES:

Reception offices

ATTRIBUTES

Equipment:

Visual Display Boards

Furniture:

Conference Table N.I.C.
Chairs N.I.C.

Audio/Visual:

Teleconference System
TV/DVD or Projection

FURNISHINGS

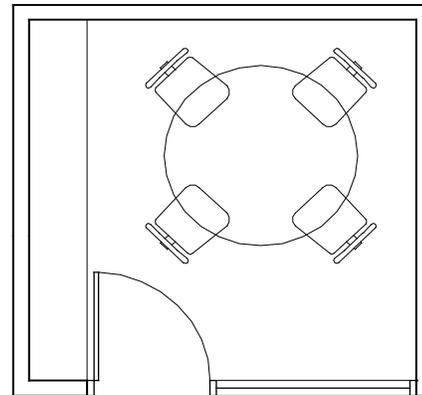
Department: Administration

A

A-10 Small Conf. Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
4

FUNCTION:

Meetings, Discussion, Teleconference

ADJACENCIES:

Reception offices

ATTRIBUTES

Equipment:

Visual Display Boards

Furniture:

Conference Table N.I.C.
Chairs N.I.C.

Audio/Visual:

Teleconference System

FURNISHINGS

Department: Administration

A

A-11

Mail Room

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum, sound insulation

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

No

Doors:

None

HVAC:

Avg Temperature 68-72

Plumbing:

None

Lighting:

Indirect florescent - 50-70 footcandles

Telephone:

None

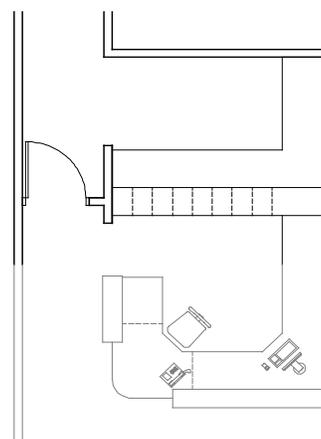
Computer:

None

Other Electrical:

Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:

150

Quantity:

1

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

N/A

FUNCTION:

UPS/ Regular mail, Incoming/ Outgoing & Internal

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

Mailboxes, storage cabinets

Audio/Visual:

None

FURNISHINGS

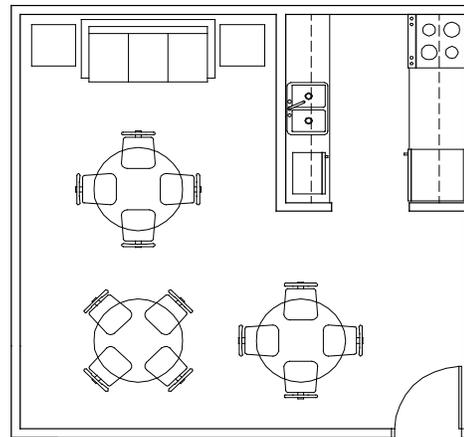
Department: Administration

A

A-12 Faculty Break Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet, VCT in Kitchen
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink, dishwasher connection
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) locations
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
400
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Lunch room for faculty

ADJACENCIES:

Exterior, Administration

ATTRIBUTES

Equipment:

Cabinetry, Visual Display Board, Track Board
N.I.C. Range, Microwave, Dishwasher, Refrigerator

Furniture:

Table and Chairs, N.I.C.

Audio/Visual:

TV/ DVD

FURNISHINGS

Department: Administration **A**

A-13 Work and Storage

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
VCT

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood

HVAC:
Avg Temperature 68-72

Plumbing:
None

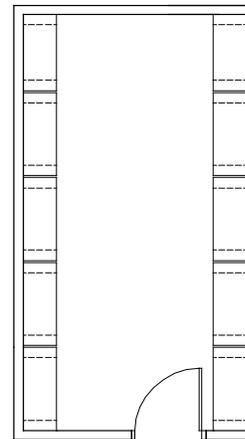
Lighting:
Indirect florescent - 40 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
200

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

File Room and Office Storage

ADJACENCIES:

None

ATTRIBUTES

Equipment:
Cabinets

Furniture:
Filing Cabinets

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

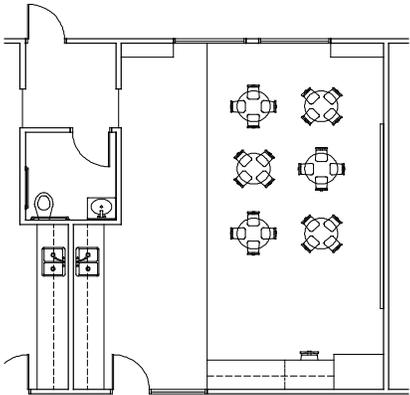
Salt Lake City Facility

Department:
B-01

Classroom **B**
Preschool
Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet w/ VCT Near Sink
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink, Drinking Fountain
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
3
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms, Restroom, Tutoring.

ATTRIBUTES

Equipment:

None

Furniture:

Desks, Chairs, N.I.C.

Audio/Visual:

Voice enhancement system

FURNISHINGS



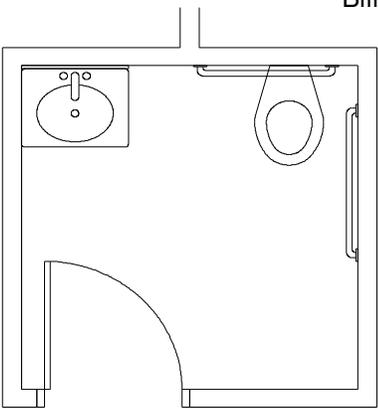
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-02 Preschool Restroom
Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile
- Floors:
Tile
- Ceiling:
Epoxy Paint/ Gypsum
- Base:
Tile
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72/ Exhaust fan
- Plumbing:
Sink/ Toilet
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
100
- Quantity:
2
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

ADA Accessible Restroom

ADJACENCIES:

Preschool Classroom (direct access)

ATTRIBUTES

Equipment:

Toilet Paper Dispensers, ADA Grab Bars, Paper Towel Dispenser, Mirror, Soap Dispenser

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

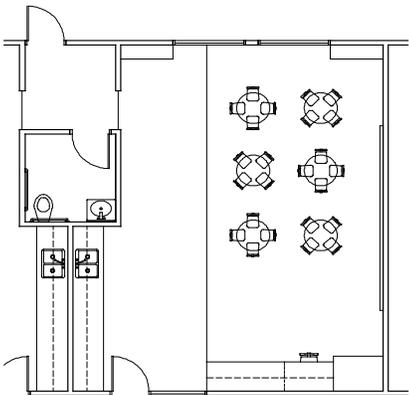
Salt Lake City Facility

Department:
B-03

Classroom **B**
Kindergarten
Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
2
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
30

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms, Restroom, Tutoring

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Desks, Chairs

Audio/Visual:
Voice enhancement system

FURNISHINGS

Department: Classroom

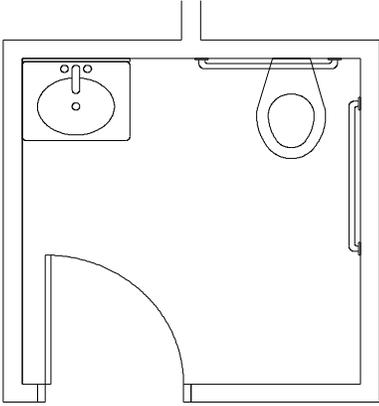
B

B-04 Kindergarten Restroom

Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile, sound insulation
- Floors:
Tile
- Ceiling:
Epoxy Paint/ Gypsum
- Base:
Tile
- Windows:
None
- Doors:
Solid core wood door
- HVAC:
Avg. Temperature 68-72/ Exhaust Fan
- Plumbing:
Sink and Toilet
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

ADA Accessible Restroom

ADJACENCIES:

Kindergarten Classroom (direct access)

ATTRIBUTES

Equipment:

Toilet Paper Dispenser, ADA Grab Bars, Paper Towel Dispenser, Mirror, Soap Dispenser

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

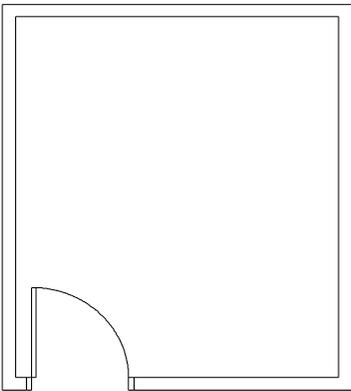
Salt Lake City Facility

Department:
B-05

Classroom **B**
Sensory Room
Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood side light and blinds
- HVAC:
Avg. Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
120
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

One on One Instruction/ Evaluation

ADJACENCIES:

Kindergarten

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Table and Chairs

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Classroom **B**

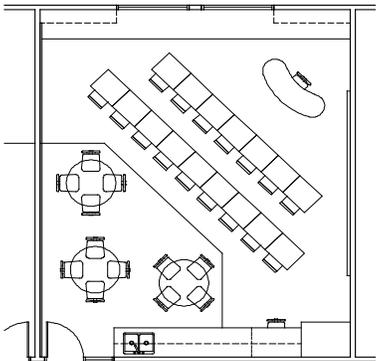
B-06

1st-6th Grade Classroom

Blind Division

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
6
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms

ATTRIBUTES

Equipment:

None

Furniture:

N.I.C.: Desks and Chairs

Audio/Visual:

Voice enhancement system

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom
B-07 Therapy and Observation
Blind Division

B

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
One-way Glass

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

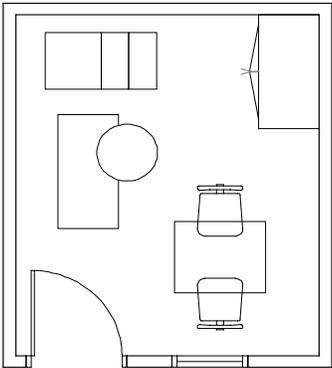
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
120

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

One-on-one Instruction and Evaluation

ADJACENCIES:

Classrooms (visual access)

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Table and Chairs

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Classroom **B**

B-08

Workroom / Storage
Blind Division

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

None

Doors:

Solid core wood

HVAC:

Avg. Temperature 68-72

Plumbing:

None

Lighting:

Florescent - 50-70 foot-candles

Telephone:

None

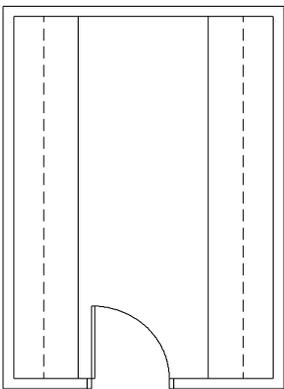
Computer:

None

Other Electrical:

Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:

150

Quantity:

1

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

N/A

FUNCTION:

Storage and Production of Materials

ADJACENCIES:

Classroom hallway

ATTRIBUTES

Equipment:

None

Furniture:

Built-in Storage and Work Surface

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:
B-09

Classroom **B**
Storage
Blind Division

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

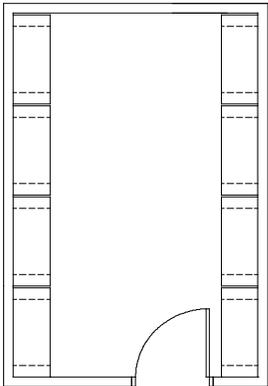
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
150

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

General Storage

ADJACENCIES:

Classroom Hallway

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-10 Home Learning Studio
Blind Division

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
Sink, Washing machine connection,
Refrigerator connection

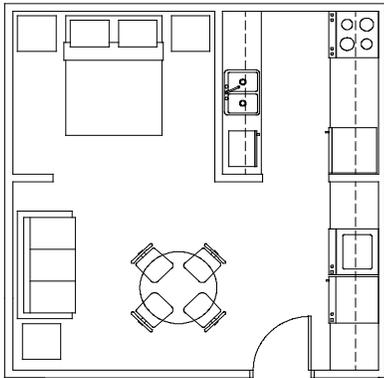
Lighting:
Florescent - 50-70 foot-candles

Telephone:
(2) locations

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:
Dryer connection (Gas or electric)



PLAN

SPACE:

Square Footage:
400

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

Life Skills Training

ADJACENCIES:

Classrooms

ATTRIBUTES

Equipment:

Washer, Dryer, Refrigerator, Oven/range, Micowave

Furniture:

NIC: Table Chairs, Bed, Sofa

Audio/Visual:

None

FURNISHINGS

Department:

Classroom **B**

B-11

Specialist Office
Blind Division

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with side light

HVAC:
Avg. Temperature 68-72

Plumbing:
None

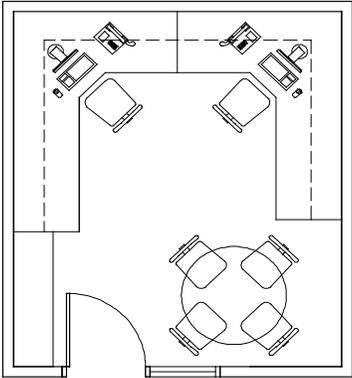
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
400

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

General Storage

ADJACENCIES:

Classrooms

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:
None

FURNISHINGS

Department:

Classroom **B**

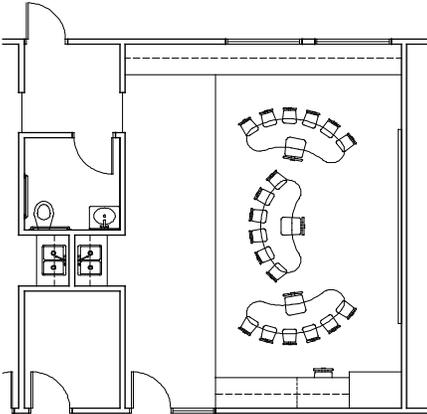
B-12

Preschool

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet w/ VCT Near Sink
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink, Drinking Fountain
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



SPACE:

- Square Footage:
700
- Quantity:
3
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms, Restroom, Tutoring

Equipment:

None

Furniture:

Desks, Chairs, N.I.C.

Audio/Visual:

Projector and screen, ceiling hung
F.M. Voice enhancement system

PLAN

ATTRIBUTES

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**

B-13 Preschool Restroom

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Tile

Floors:
Tile

Ceiling:
Epoxy Paint/ Gypsum

Base:
Tile

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72/ Exhaust Fan

Plumbing:
Sink and Toilet

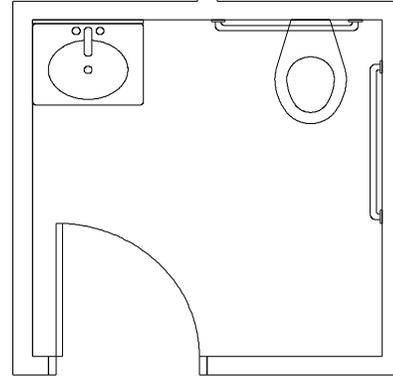
Lighting:
Indirect florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
100

Quantity:
2

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
1

FUNCTION:

ADA Accessible Restroom

ADJACENCIES:

Preschool (direct access)

ATTRIBUTES

Equipment:

Toilet Paper Dispenser, ADA Grab Bars, Paper Towel Dispenser, Mirror, Soap Dispenser

Furniture:

None

Audio/Visual:

None

FURNISHINGS

Department:

Classroom **B**

B-14 Preschool Therapy and Observation
Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
One-way Glass to Classrooms

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

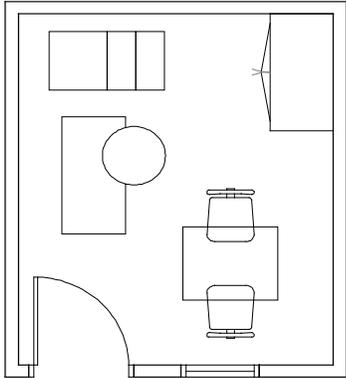
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
75

Quantity:
3

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

One-on-One Instruction/ Evaluation

ADJACENCIES:

Preschool (direct and visual connection)

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Tables and Chairs

Audio/Visual:
None

FURNISHINGS

Department:

Classroom **B**

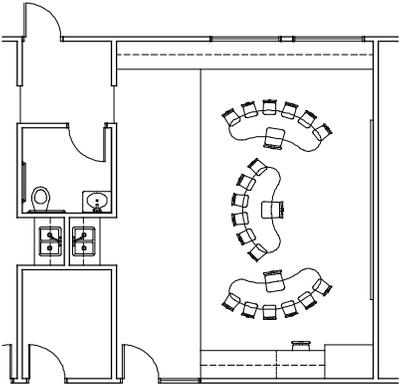
B-15

Kindergarten

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
2
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
30

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms, Restroom, tutoring

ATTRIBUTES

Equipment:

None

Furniture:

N.I.C.: Desks, Chairs

Audio/Visual:

F.M. Voice enhancement system

FURNISHINGS

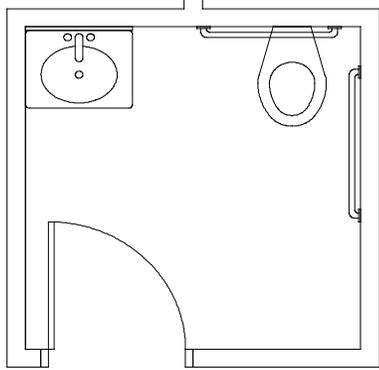
Department: Classroom **B**

B-16 Kindergarten Restroom

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile
- Floors:
Tile
- Ceiling:
Epoxy Paint/ Gypsum
- Base:
Tile
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg. Temperature 68-72/ Exhaust Fan
- Plumbing:
Sink and Toilet
- Lighting:
Florescent
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

ADA Accessible Restroom

ADJACENCIES:

Kindergarten (direct access)

ATTRIBUTES

Equipment:

Toilet Paper Dispenser, ADA Grab Bars, Paper Towel Dispenser, Mirror, Soap Dispenser

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

B-17 Department: Classroom
Kindergarten Therapy and Observation
Deaf Division- Total Communications Program

B

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

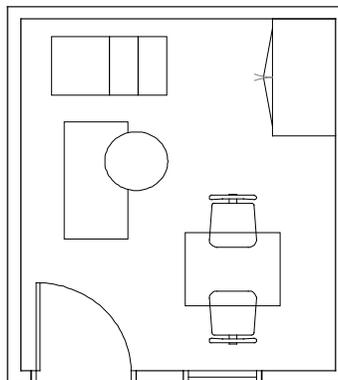
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
120

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

One-on-One Instruction/ Evaluation

ADJACENCIES:

Kindergarten (direct access)

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Tables and Chairs

Audio/Visual:
None

FURNISHINGS

Department:

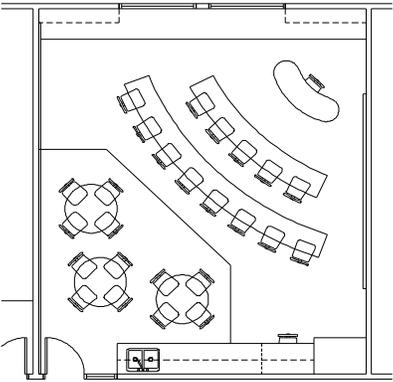
Classroom **B**

B-18 1st-6th Grade Classroom

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
6
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

N.I.C.: Desks and Chairs

Audio/Visual:

F.M. Voice enhancement system

FURNISHINGS

Department:

Classroom **B**

B-19 Therapy and Observation

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum, sound insulation

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

Preferable - one-way glass to classroom

Doors:

Solid core wood with side light

HVAC:

Avg. Temperature 68-72

Plumbing:

None

Lighting:

Florescent - 50-70 foot-candles

Telephone:

None

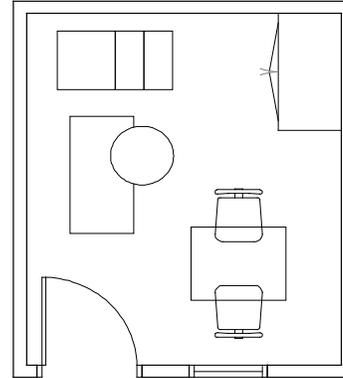
Computer:

None

Other Electrical:

Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:

75

Quantity:

3

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

2

FUNCTION:

One-on-One Instruction and Evaluation

ADJACENCIES:

Classrooms (direct view)

ATTRIBUTES

Equipment:

None

Furniture:

N.I.C.: Table and Chairs

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**

B-20 Workroom / Storage

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

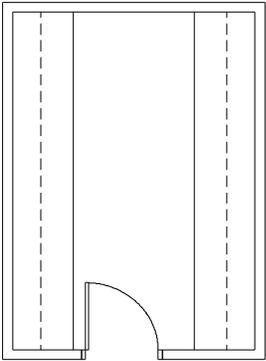
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
150

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

Production and Storage

ADJACENCIES:

Classroom Hallway

ATTRIBUTES

Equipment:
None

Furniture:
Work Surfaces and Storage Cabinetry

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Classroom **B**

B-21

Deaf Outreach

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Aluminum Ext., Hollow Metal Int.

Doors:
Solid core wood w/. Window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

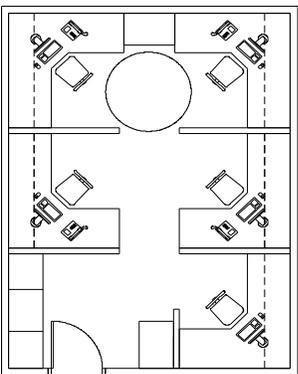
Lighting:
Florescent - 50-70 foot-candles

Telephone:
(5) locations

Computer:
(5) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
65

Quantity:
5

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
5

FUNCTION:

Administration and document processing

ADJACENCIES:

Classrooms proximity

ATTRIBUTES

Equipment:
None

Furniture:
Full Height Cabinets, Work Station, File Cabinets

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Classroom **B**

B-22

Specialist Office

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood

HVAC:
Avg. Temperature 68-72

Plumbing:
None

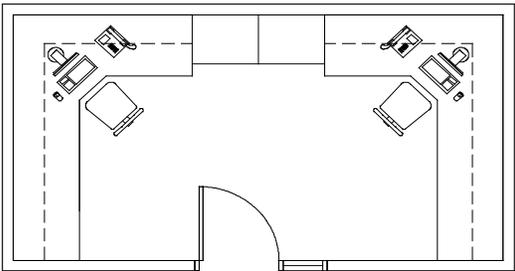
Lighting:
Florescent - 50-70 foot-candles

Telephone:
(5) locations

Computer:
(5) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
180

Quantity:
2

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:

FUNCTION:

Adminstration

ADJACENCIES:

Classrooms

ATTRIBUTES

Equipment:
None

Furniture:
Full Height Cabinets, Work Station, File Cabinets

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Classroom **B**

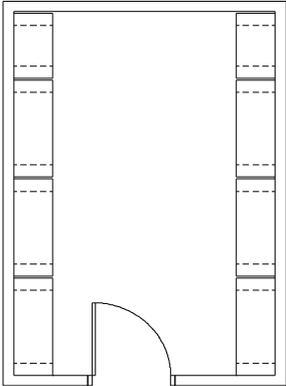
B-23

Storage

Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood
- HVAC:
Avg. Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Storage

ADJACENCIES:

Classroom Hallway

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



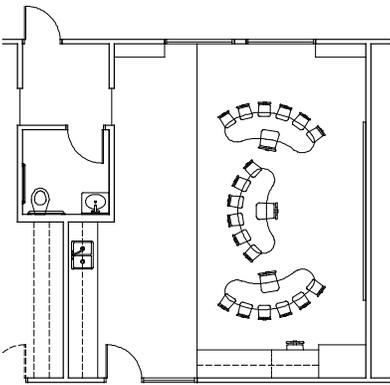
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-24 Kindergarten
Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

Other Classrooms

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

- Projector and screen, ceiling hung
- Voice enhancement system

FURNISHINGS



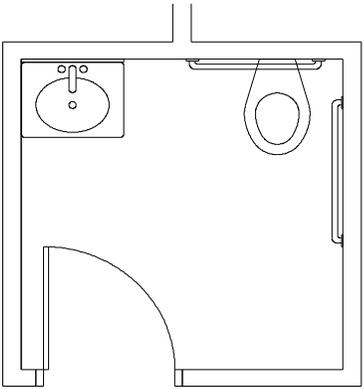
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-25 Kindergarten Restroom
Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile
- Floors:
Tile
- Ceiling:
Epoxy Paint/ Gypsum
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood
- HVAC:
Avg. Temperature 68-72/ Exhaust Fan
- Plumbing:
Sink and Toilet
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

ADA Accessible Restroom

ADJACENCIES:

Kindergarten Classrooms (direct access)

ATTRIBUTES

Equipment:

Toilet Paper Dispenser, ADA Grab Bars, paper Towel Dispenser, Mirror, Soap Dispenser

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**

B-26 Therapy and Observation
Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Required

Doors:
Solid core wood with window kit

HVAC:
Avg. Temperature 68-72

Plumbing:
None

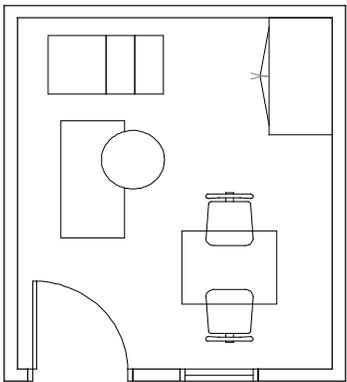
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
75

Quantity:
3

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

One-on-One Instruction and Evaluation

ADJACENCIES:

Classroom (visual access)

ATTRIBUTES

Equipment:
None

Furniture:
N.I.C.: Table and Chairs

Audio/Visual:
None

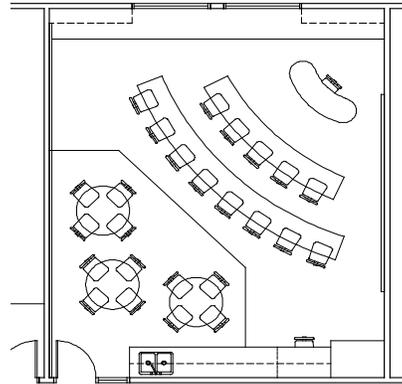
FURNISHINGS

Department: **Classroom** **B**

B-27 1st-12th Grade Classrooms
Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
700
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
12

FUNCTION:

Instruction/Learning

ADJACENCIES:

Classrooms

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

Projector and screen, ceiling hung
Voice enhancement system

FURNISHINGS

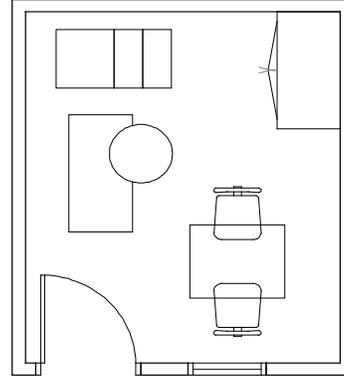
Department:

Classroom **B**

B-28 1st-6th Therapy and Observation
Deaf Division- Total Communications Program

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable - one-way glass to classroom
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



SPACE:

- Square Footage:
75
- Quantity:
3
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

One-on-One Instruction and Evaluation

ADJACENCIES:

Classrooms

Equipment:

None

Furniture:

N.I.C.: Table and Chairs

Audio/Visual:

None

PLAN

ATTRIBUTES

FURNISHINGS



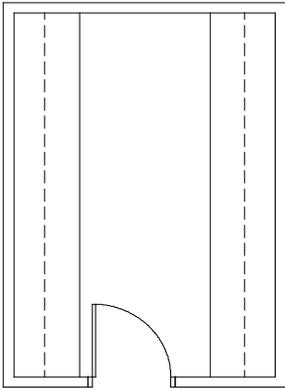
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-29 Workroom / Storage
Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg. Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Document and graphic work

ADJACENCIES:

Classroom Hallway

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Classroom **B**
B-30 Storage
Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood

HVAC:
Avg. Temperature 68-72

Plumbing:
None

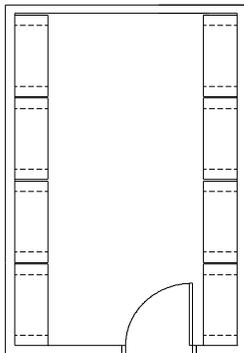
Lighting:
Florescent - 50-70 foot-candles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Storage

ADJACENCIES:

Classroom Hallway

ATTRIBUTES

Equipment:
None

Furniture:
None

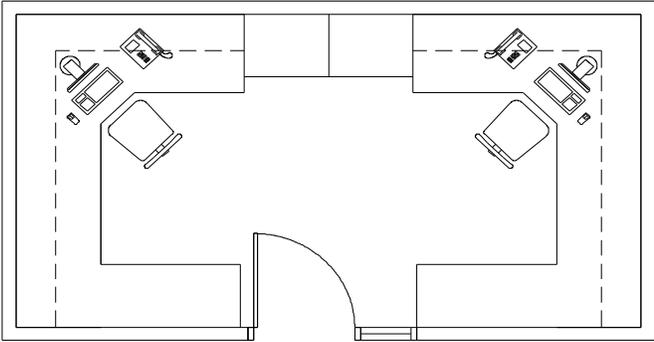
Audio/Visual:
None

FURNISHINGS

Department: Classroom **B**
 B-31 Specialist Office
 Deaf Division- Jean Massieu School

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg. Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 foot-candles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Administration

ADJACENCIES:

Classroom

ATTRIBUTES

Equipment:

None

Furniture:

Office Furniture

Audio/Visual:

None

FURNISHINGS



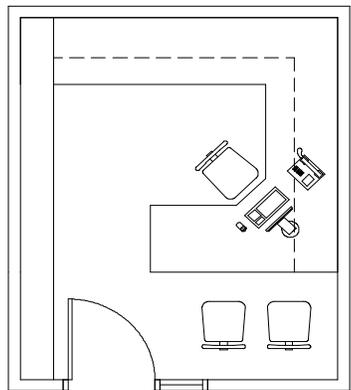
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-01 Director's Office

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Instruction/Learning

ADJACENCIES:

Circulation desk, Technical Services
(visual connection)

ATTRIBUTES

Equipment:

Computer, N.I.C.

Furniture:

Office Furniture

Audio/Visual:

None

FURNISHINGS

Department: Educational Resource Center **C**
C-02 Librarian Office

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

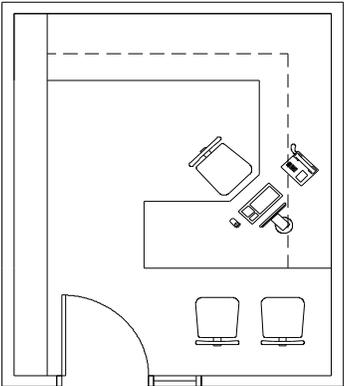
Lighting:
Florescent - 50-70 footcandles

Telephone:
(2) locations

Computer:
(2) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
150

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
1

FUNCTION:

Administrative

ADJACENCIES:

Circulation desk
Technical Services

ATTRIBUTES

Equipment:

Computer, N.I.C.

Furniture:

Office Furniture, N.I.C: Task Chairs,
Work Stations, Filing Cabinet, Conference Chairs

Audio/Visual:

None

FURNISHINGS



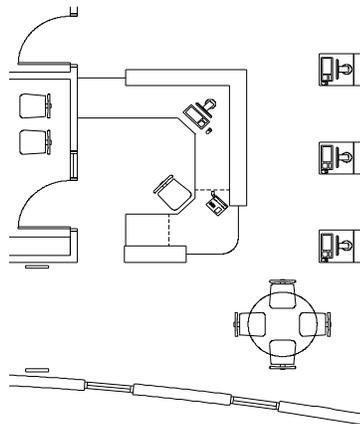
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-03 Circulation Desk

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
None
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) locations
- Computer:
2 Search Computers, 1 Checkout
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
11'-0"
- Occupants:
1

FUNCTION:

Research and Material Check-Out

ADJACENCIES:

Collection/ Librarian Office

ATTRIBUTES

Equipment:
None

Furniture:
Circulation Desk and Book Cart
N.I.C. Task Chair

Audio/Visual:
None

FURNISHINGS



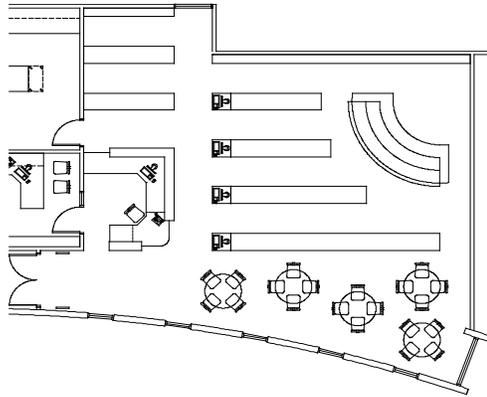
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-04 Collection

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum Storefront
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
900
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
11'-0"
- Occupants:
80

FUNCTION:

Material Research and Reading

ADJACENCIES:

- Circulation Desk
- Parent Resources, Librarian Office

ATTRIBUTES

Equipment:

None

Furniture:

Shelving System

Audio/Visual:

None

FURNISHINGS



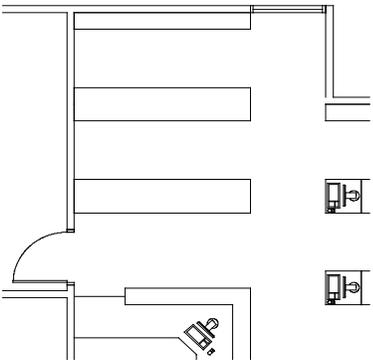
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-05 Parent Resource

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
None
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
4

FUNCTION:

- Instruction/Learning
- Parent Participation in Education

ADJACENCIES:

- Collection

ATTRIBUTES

Equipment:
Material Search Computer, N.I.C.

Furniture:
Shelves

Audio/Visual:
None

FURNISHINGS



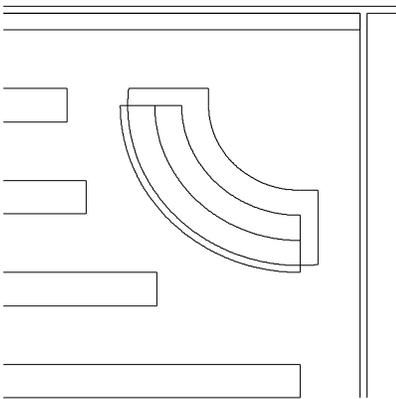
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-06 Storytelling

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
None
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
20

FUNCTION:

Reading and Listening

ADJACENCIES:

Collection
(visual connection from desk)

ATTRIBUTES

Equipment:

None

Furniture:

Seating Area Built-In

Audio/Visual:

Voice enhancement system
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-07 Technical Services

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

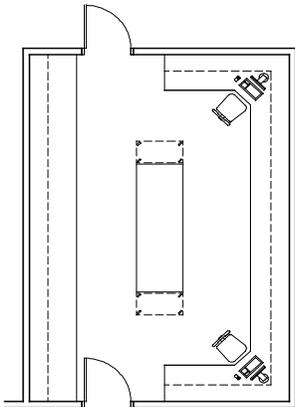
Lighting:
Florescent - 50-70 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
400

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
3

FUNCTION:

Materials Storage and Production

ADJACENCIES:

Collection, book drop, circulation desk

ATTRIBUTES

Equipment:

Materials processing Equipment
(Paper Cutter, Computers, Printer)

Furniture:

Shelves, rolling carts, built-in storage cabinets

Audio/Visual:

None

FURNISHINGS

Department: Educational Resource Center **C**
C-08 Textbook Room

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

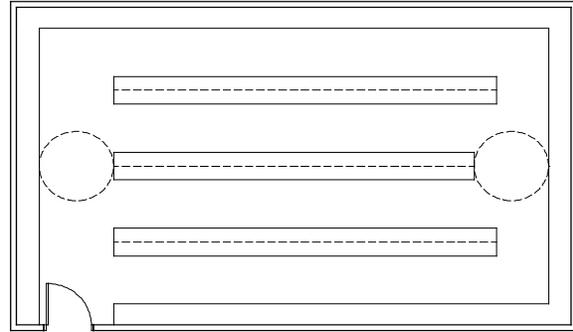
Lighting:
Florescent - 50-70 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
750

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
N/A

FUNCTION:

Storage of Textbooks, Toys, Curriculum Support
Materials

ADJACENCIES:

None

ATTRIBUTES

Equipment:
None

Furniture:
Shelves

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-09 Braille Production Workroom

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

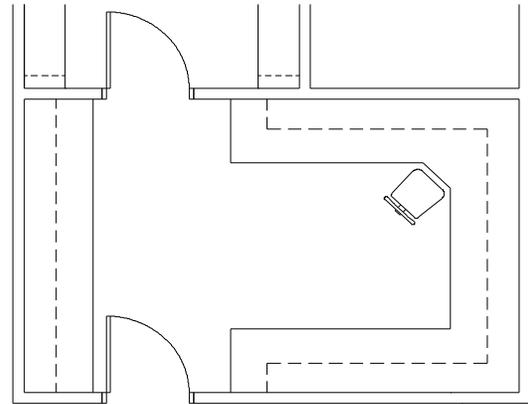
Lighting:
Florescent - 50-70 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
300

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

Production of Braille Materials, Storage of Equipment

ADJACENCIES:

Braille Production Storage

ATTRIBUTES

Equipment:

N.I.C.: Braille Transcriber, Embossers, Etc.

Furniture:

Work Surfaces, Materials Storage Cabinet

Audio/Visual:

None

FURNISHINGS



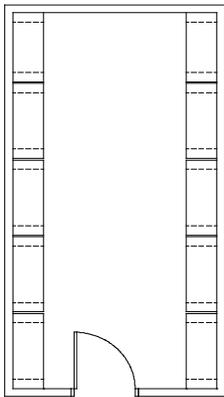
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-10 Braille Production Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

None

ADJACENCIES:

Braille Production Workroom

ATTRIBUTES

Equipment:
None

Furniture:
Shelving

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-11 Teaching Aid / Therapy Equipment

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

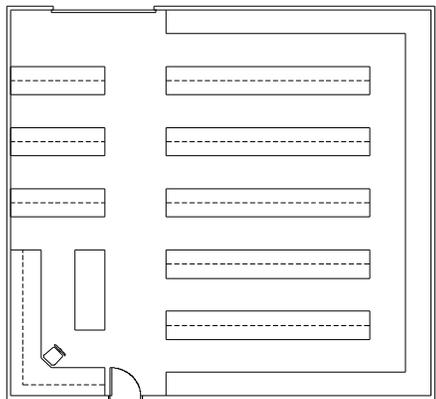
Lighting:
Florescent - 50-70 footcandles

Telephone:
(1) locations

Computer:
(2) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
1500

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
3

FUNCTION:

Therapy and Therapy Equipment Storage

ADJACENCIES:

Proximity to exterior delivery point
with overhead door access

ATTRIBUTES

Equipment:
None

Furniture:
Work surfaces, Storage shelving

Audio/Visual:
None

FURNISHINGS



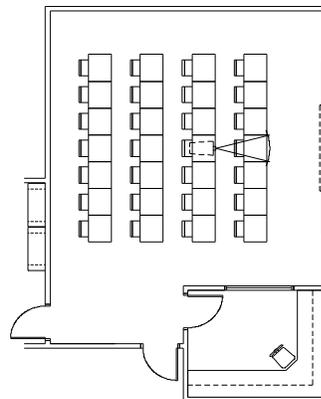
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-12 EdNet Suite

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood door with side light
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
Power and Data so serve lab
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
800
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
30

FUNCTION:

Distance learning, Office, Video Lab

ADJACENCIES:

Collection, EdNet Reference

ATTRIBUTES

Equipment:

N.I.C.: Closed Captioning, Equipment

Furniture:

None

Audio/Visual:

Projector and screen, ceiling hung

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-13 EdNet Reference

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

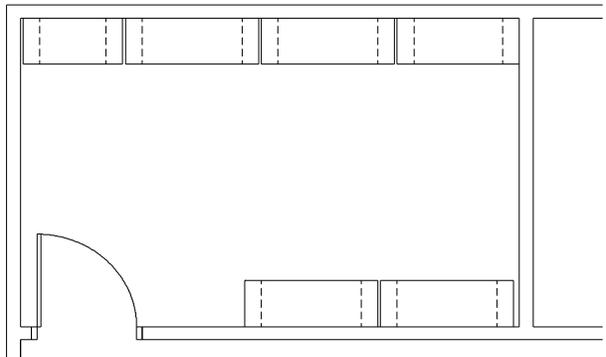
Lighting:
Florescent - 50-70 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

Square Footage:
150

Quantity:
1

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
1

FUNCTION:

Reference Material Storage and Access

ADJACENCIES:

EdNet Suite Collection

ATTRIBUTES

Equipment:
None

Furniture:
Storage Shelving

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center
C-14 A/V Equipment Storage

C

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base

Windows:
None

Doors:
Solid core wood

HVAC:
Avg Temperature 68-72

Plumbing:
None

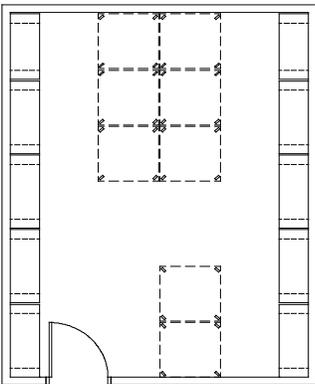
Lighting:
Florescent - 50-70 footcandles

Telephone:
None

Computer:
None

Other Electrical:
Power every 10 feet

Other Considerations:



PLAN

SPACE:

- Square Footage:
300
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Storage and Access of Audio/Visual Materials

ADJACENCIES:

Collection, Hallway to classrooms

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:
None

FURNISHINGS



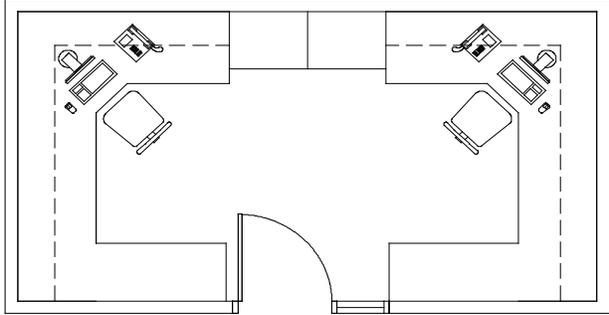
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-15 Research and Curriculum Assistants

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
180
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

Administration and Curriculum Development

ADJACENCIES:

Librarian Office

ATTRIBUTES

Equipment:

Computers, N.I.C.

Furniture:

Work Surface, task chairs

Audio/Visual:

None

FURNISHINGS



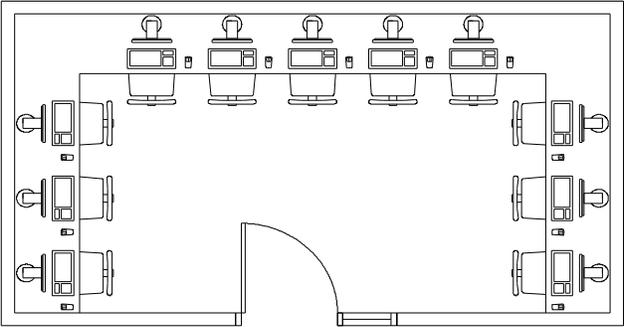
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Educational Resource Center **C**
C-16 Technology/Computer Lab

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) locations
- Computer:
(15) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



SPACE:

- Square Footage:
180
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Instruction/Learning

ADJACENCIES:

Collection

Equipment:

Computers, N.I.C.

Furniture:

Task chairs, work surfaces

Audio/Visual:

CCTU

PLAN

ATTRIBUTES

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services - General **D**
D-01 Family Support Specialist

ARCHITECTURAL REQUIREMENTS:

Walls: Low Walls
Painted Gypsum, Sound Insulation

Floors: Carpet

Ceiling: Acoustic tile

Base: Pre-molded rubber base

Windows: Preferable

Doors: None

HVAC: Avg Temperature 68-72

Plumbing: None

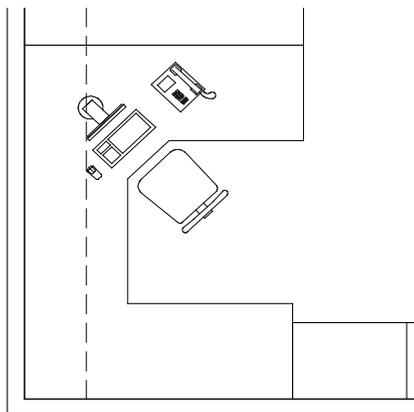
Lighting: Florescent - 50-70 footcandles

Telephone: (1) locations

Computer: (1) Power and Data locations

Other Electrical: Power every 10 feet

Other Considerations: Daylighting preferred



PLAN

SPACE:

Square Footage: 64
Quantity: 1
Specific Dimensions: None
Ceiling Height: 9'-0"
Occupants: 1

FUNCTION:

Work Station

ADJACENCIES:

Other Work Stations, Reception

ATTRIBUTES

Equipment: Computer N.I.C.

Furniture: Work Station with Filing
Task Chair N.I.C.

Audio/Visual: None

FURNISHINGS

Department: Related Services - General **D**
D-02 Physical Therapist

ARCHITECTURAL REQUIREMENTS:

Walls: Low Walls
Painted Gypsum, Sound Insulation

Floors: Carpet

Ceiling: Acoustic tile

Base: Pre-molded rubber base

Windows: Preferable

Doors: None

HVAC: Avg Temperature 68-72

Plumbing: None

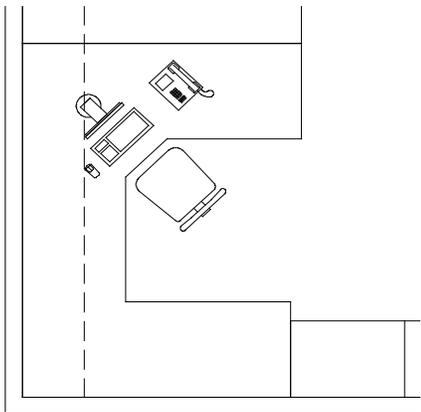
Lighting: Florescent - 50-70 footcandles

Telephone: (1) locations

Computer: (1) Power and Data locations

Other Electrical: Power every 10 feet

Other Considerations: Daylighting preferred



PLAN

SPACE:

Square Footage: 64
Quantity: 1
Specific Dimensions: None
Ceiling Height: 9'-0"
Occupants: 1

FUNCTION:

Administration and Document Processing

ADJACENCIES:

Other Workstations, Reception

ATTRIBUTES

Equipment:

Computer N.I.C.

Furniture:

Work Station with Filing
Task Chair N.I.C.

Audio/Visual:

None

FURNISHINGS

Department: Related Services - General
D-03 Occupational Therapist Office

D

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

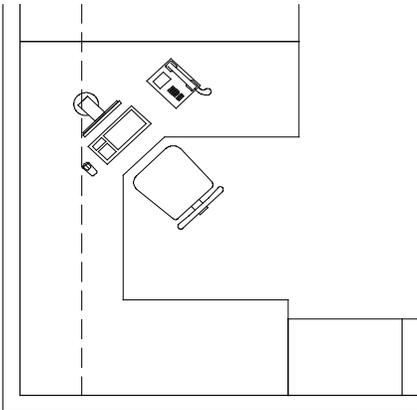
Lighting:
Florescent - 50-70 footcandles

Telephone:
(2) locations

Computer:
(2) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
64

Quantity:
2

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
2

FUNCTION:

Administration - Includes Therapist Aid Desk

ADJACENCIES:

Other Workstations, Reception

ATTRIBUTES

Equipment:

Computer N.I.C.

Furniture:

Work Station with Filing
Task Chair N.I.C.

Audio/Visual:

None

FURNISHINGS

Department: Related Services - General **D**
D-04 Speech Specialists

ARCHITECTURAL REQUIREMENTS:

Walls: Low Walls
Painted Gypsum, Sound Insulation

Floors: Carpet

Ceiling: Acoustic tile

Base: Pre-molded rubber base

Windows: Preferable

Doors: None

HVAC: Avg Temperature 68-72

Plumbing: None

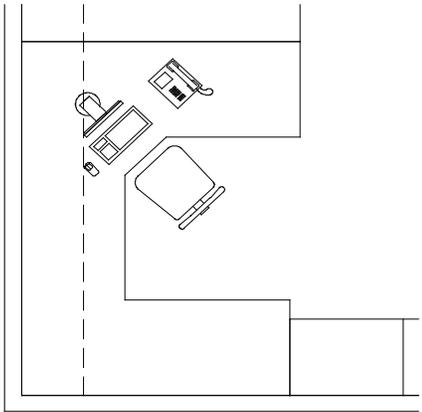
Lighting: Florescent - 50-70 footcandles

Telephone: (1) locations

Computer: (1) Power and Data locations

Other Electrical: Power every 10 feet

Other Considerations: Daylighting preferred



PLAN

SPACE:

Square Footage: 64

Quantity: 2

Specific Dimensions: None

Ceiling Height: 9'-0"

Occupants: 1

FUNCTION:

Administration and Document Processing

ADJACENCIES:

Other Workstations, Reception

ATTRIBUTES

Equipment:

Computer N.I.C.

Furniture:

Work Station with Filing
Task Chair N.I.C.

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services - General **D**
D-05 Orientation/Mobility Specialist

ARCHITECTURAL REQUIREMENTS:

Walls: Low Walls
Painted gypsum, sound insulation

Floors: Carpet

Ceiling: Acoustic tile

Base: Pre-molded rubber base

Windows: Preferable

Doors: None

HVAC: Avg Temperature 68-72

Plumbing: None

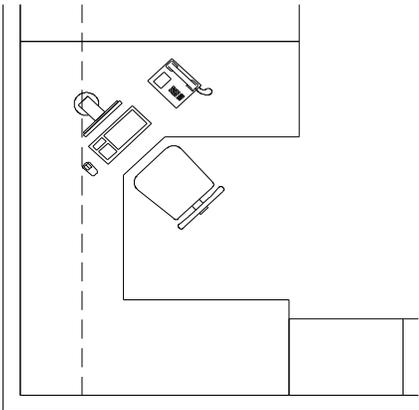
Lighting: Florescent - 50-70 footcandles

Telephone: (1) locations

Computer: (1) Power and Data locations

Other Electrical: Power every 10 feet

Other Considerations: Daylighting preferred



PLAN

SPACE:

Square Footage: 64

Quantity: 5

Specific Dimensions: None

Ceiling Height: 9'-0"

Occupants: 1

FUNCTION:

Administration and Document Processing

ADJACENCIES:

Other Workstations, Reception

ATTRIBUTES

Equipment:

Computer N.I.C.

Furniture:

Work Station with Filing
Task Chair N.I.C.

Audio/Visual:

None

FURNISHINGS

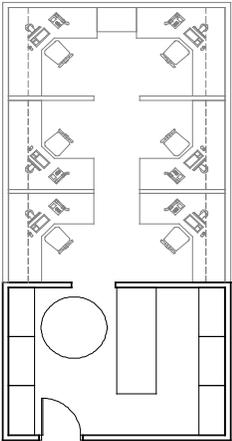
Department: Related Services - General

D

D-06 Orientation/Mobility Work Area

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(6) locations
- Computer:
(6) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
250
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
6

FUNCTION:

Work with O/M equipment

ADJACENCIES:

Reception

ATTRIBUTES

Equipment:
Computers

Furniture:
Teacher Wardrobes, 4'x2'-6'x6'
Work surfaces/ Storage, Task Chairs

Audio/Visual:
None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services - General **D**
D-07 Psychologist / Social Worker's Office

ARCHITECTURAL REQUIREMENTS:

Walls:
Painted gypsum, sound insulation

Floors:
Carpet

Ceiling:
Acoustic tile

Base:
Pre-molded rubber base

Windows:
Preferable

Doors:
Solid core wood with window kit

HVAC:
Avg Temperature 68-72

Plumbing:
None

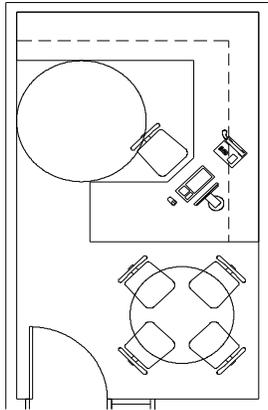
Lighting:
Florescent - 50-70 footcandles

Telephone:
(2) locations

Computer:
(2) Power and Data locations

Other Electrical:
Power every 10 feet

Other Considerations:
Daylighting preferred



PLAN

SPACE:

Square Footage:
150

Quantity:
3

Specific Dimensions:
None

Ceiling Height:
9'-0"

Occupants:
1

FUNCTION:

Administrative

ADJACENCIES:

Other Admin., Director of Related Services,
Reception

ATTRIBUTES

Equipment:
Computer N.I.C.

Furniture:
N.I.C.: Work Surfaces and Storage,
Task Chair, 1 Small Table w/ 4 Chairs

Audio/Visual:
Voice enhancement system

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services - General **D**
D-08 Evaluation Room

ARCHITECTURAL REQUIREMENTS:

Walls: Low Walls
Painted gypsum, sound insulation

Floors: Carpet

Ceiling: Acoustic tile

Base: Pre-molded rubber base

Windows: Preferable

Doors: Solid core wood with window kit

HVAC: Avg Temperature 68-72

Plumbing: None

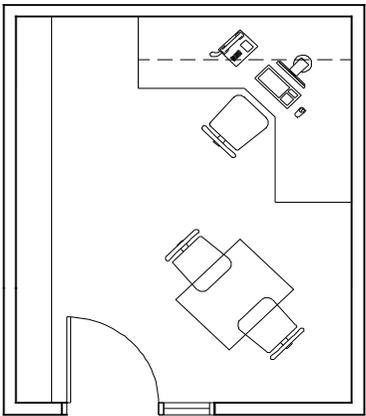
Lighting: Florescent - 50-70 footcandles

Telephone: (1) locations

Computer: (1) Power and Data locations

Other Electrical: Power every 10 feet

Other Considerations: Daylighting preferred



PLAN

SPACE:

Square Footage: 150

Quantity: 1

Specific Dimensions: None

Ceiling Height: 9'-0"

Occupants: 1

FUNCTION:

Workstation/ Cubicle

ADJACENCIES:

None

ATTRIBUTES

Equipment: Computer N.I.C.

Furniture: N.I.C.: Work Surface, Storage, Table and Chairs

Audio/Visual: None

FURNISHINGS



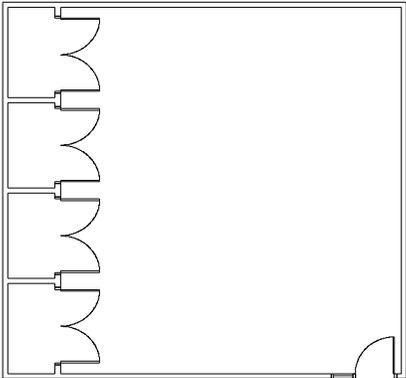
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services - General **D**
D-09 Motor Room and Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted Durable Surface
- Floors:
Sports Flooring
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
?Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
900
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
10

FUNCTION:

Exercise Room

ADJACENCIES:

Evaluation, Classrooms, Therapist

ATTRIBUTES

Equipment:

Exercise Equipment, N.I.C.

Furniture:

None

Audio/Visual:

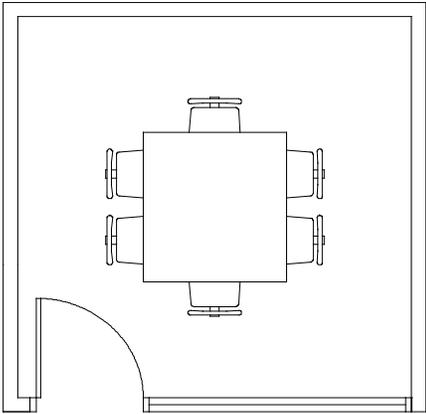
None

FURNISHINGS

Department: **Related Services - General** **D**
D-10 Small Conference

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Aluminum Storefront
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
120
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
8

FUNCTION:

Meetings and Discussion

ADJACENCIES:

Related Service Offices

ATTRIBUTES

Equipment:

None

Furniture:

Conference Table and Chairs, N.I.C.

Audio/Visual:

None

FURNISHINGS

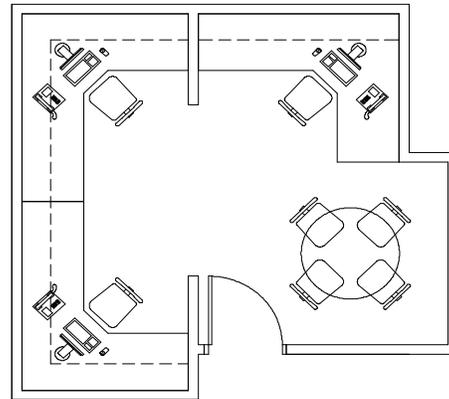
Department: **Related Services-Vision**

E

E-01 Vision Specialist Suite

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(3) locations
- Computer:
(3) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
250
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
5

FUNCTION:

Testing education and Administration

ADJACENCIES:

Administration

ATTRIBUTES

Equipment:

Computers, N.I.C.

Furniture:

Workstations, Conference Table and Chairs

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

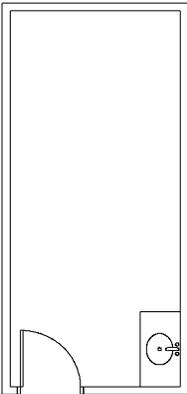
Department: Related Services-Vision

E

E-02 Testing Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(3) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
30

FUNCTION:

Instruction/Learning

ADJACENCIES:

Vision Suite

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

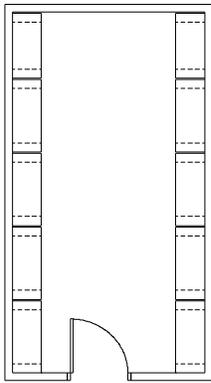
Related Services-Vision

E

E-03 Low Vision Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Storage of Low Vision Materials

ADJACENCIES:

Vision Suite

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

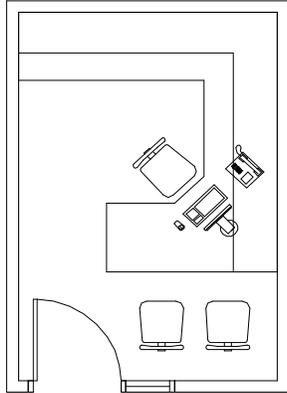
Salt Lake City Facility

Department: Related Services-Audiology
F-01 Audiology Office

F

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with side light
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(2) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
120
- Quantity:
3
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

Administration

ADJACENCIES:

Administration Area

ATTRIBUTES

Equipment:
Computer, N.I.C.

Furniture:
Workstation and Task Chair, N.I.C.

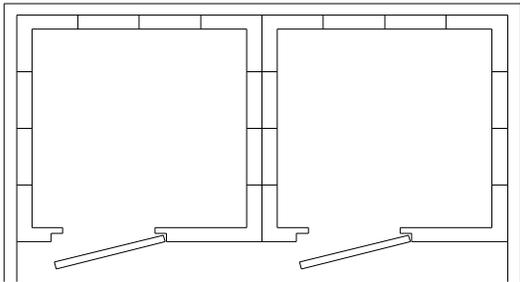
Audio/Visual:

FURNISHINGS

Department: Related Services-Audiology **F**
F-02 Testing Booth

ARCHITECTURAL REQUIREMENTS:

- Walls:
By Manufacturer
- Floors:
By Manufacturer
- Ceiling:
By Manufacturer
- Base:
By Manufacturer
- Windows:
None
- Doors:
By Manufacturer
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Included in booth
- Telephone:
None
- Computer:
None
- Other Electrical:
Power for Booths
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
100
- Quantity:
2
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
N/A

FUNCTION:

Audiology Testing

ADJACENCIES:

- Direct access from Pre-Test Area
- Audiology Offices

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:

FURNISHINGS



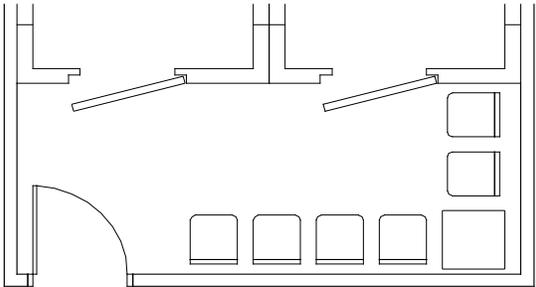
Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services-Audiology **F**
F-03 Pre-test area

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
6

FUNCTION:

Waiting area, pre-testing

ADJACENCIES:

Testing-Booths

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Related Services-Audiology

F

F-04 Audiology Conference Room

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum, sound insulation

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

Preferable

Doors:

Aluminum Storefront

HVAC:

Avg Temperature 68-72

Plumbing:

None

Lighting:

Indirect florescent - 50-70 footcandles

Telephone:

(1) locations

Computer:

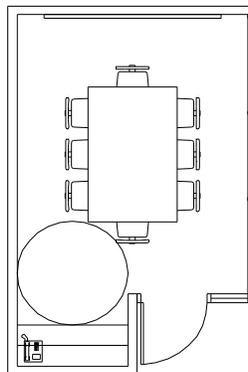
(2) Power and Data locations

Other Electrical:

Power every 10 feet

Other Considerations:

Daylighting preferred



PLAN

SPACE:

Square Footage:

120

Quantity:

1

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

8

FUNCTION:

Meetings, Discussion

ADJACENCIES:

Audiology Offices

ATTRIBUTES

Equipment:

None

Furniture:

Conference table and chairs, N.I.C.

Audio/Visual:

Projector and screen, ceiling hung

FURNISHINGS

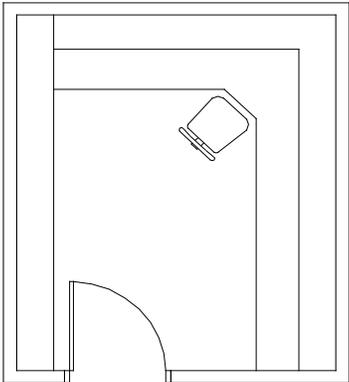
Department:
F-05

Related Services-Audiology
Hearing Aid Repair/Storage area

F

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
No
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) locations
- Computer:
(1) Power and Data location
- Other Electrical:
Power every 10 feet for power tools
- Other Considerations:



PLAN

SPACE:

- Square Footage:
120
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Hearing Aid Repair/Storage area

ADJACENCIES:

None

ATTRIBUTES

Equipment:
Hearing aid equipment, N.I.C.

Furniture:
Work Bench, Chair

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services-Health Services

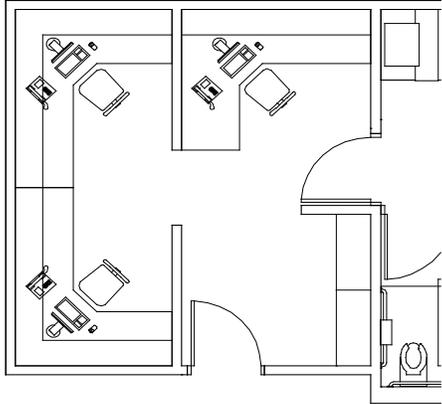
G

G-01

Nurse's Station

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(3) locations
- Computer:
(3) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
250
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
4

FUNCTION:

Medical receiving, treatment and administration

ADJACENCIES:

Reception

ATTRIBUTES

Equipment:

Computers, N.I.C.

Furniture:

Workstations, Chairs, Files N.I.C.

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services-Health Services

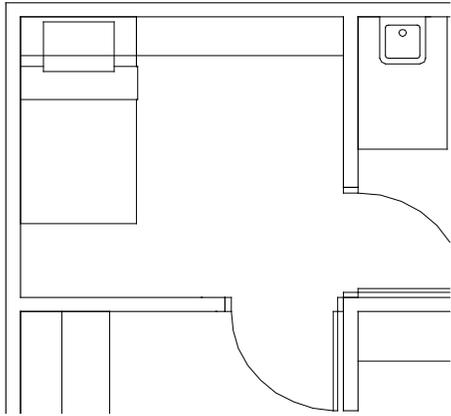
G

G-02

Sick Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
80
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
2

FUNCTION:

Treatment

ADJACENCIES:

Nurse's Station

ATTRIBUTES

Equipment:
None

Furniture:
Bed, Chair

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

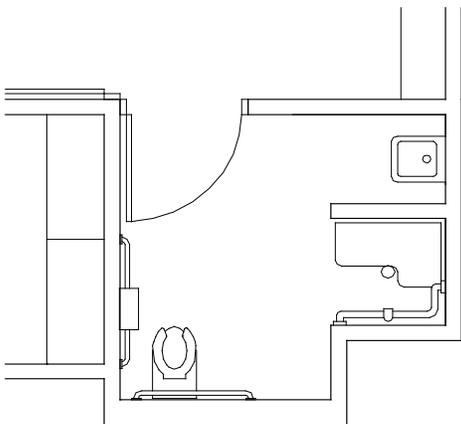
Department: Related Services-Health Services

G

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile
- Floors:
Tile
- Ceiling:
Gypsum Board
- Base:
Tile
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink, Toilet, Shower
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred

G-03 Restroom



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Restroom and Shower

ADJACENCIES:

Nurse's Station

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services-Health Services

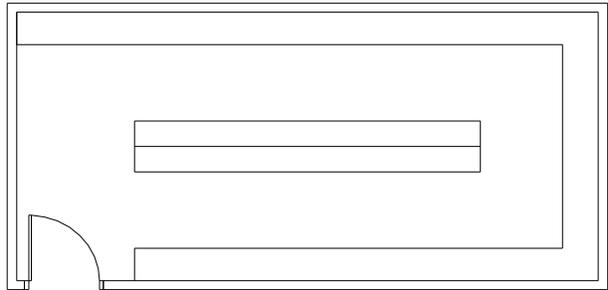
G

G-04

Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
VCT
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Security for medicine



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Storage of health supplies

ADJACENCIES:

None

ATTRIBUTES

Equipment:
None

Furniture:
Shelves

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Related Services-Health Services

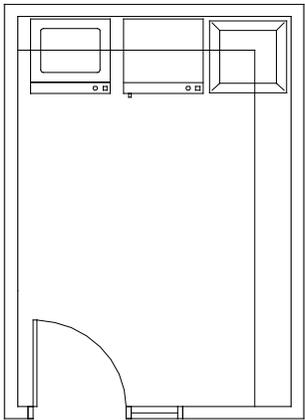
G

G-05

Laundry Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
Tile
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Hollow Metal
- HVAC:
Avg Temperature 68-72
- Plumbing:
Washer/Dryer Connections
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
120
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Instruction/Learning

ADJACENCIES:

None

ATTRIBUTES

Equipment:
Washer and Dryer N.I.C.

Furniture:
Shelving

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department:

Deaf/Blind Services

H

H-01 Deafblind Outreach

ARCHITECTURAL REQUIREMENTS:

Walls:

Painted gypsum, sound insulation

Floors:

Carpet

Ceiling:

Acoustic tile

Base:

Pre-molded rubber base

Windows:

Preferable

Doors:

Solid core wood with window kit

HVAC:

Avg Temperature 68-72

Plumbing:

None

Lighting:

Indirect florescent - 50-70 footcandles

Telephone:

(5) locations

Computer:

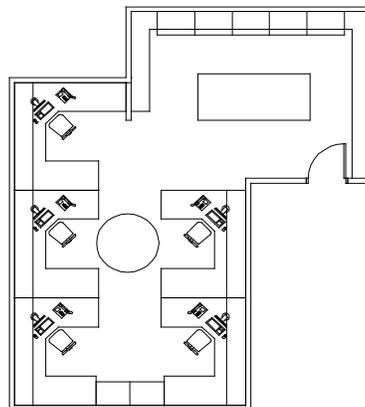
(5) Power and Data locations

Other Electrical:

Power every 10 feet

Other Considerations:

Daylighting preferred



PLAN

SPACE:

Square Footage:

700

Quantity:

1

Specific Dimensions:

None

Ceiling Height:

9'-0"

Occupants:

6

FUNCTION:

Instruction/Learning

ADJACENCIES:

None

ATTRIBUTES

Equipment:

Computers N.I.C.

Furniture:

Workstation, 5 teaching wardrobes, Filing,

Worktable

Audio/Visual:

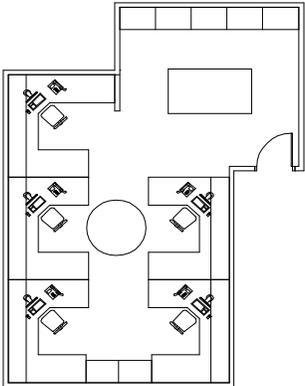
FURNISHINGS

Department: Parent/Infant Program
 J-01 Consultant Work Area

J

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(5) locations
- Computer:
(5) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
550
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
6

FUNCTION:

Administration and document preparation

ADJACENCIES:

None

ATTRIBUTES

Equipment:
Computers, N.I.C.

Furniture:
Workstation, 5 Teaching Wardrobes, Filing, Worktable

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Connor Street School Replacement Facility

Department: Common Areas

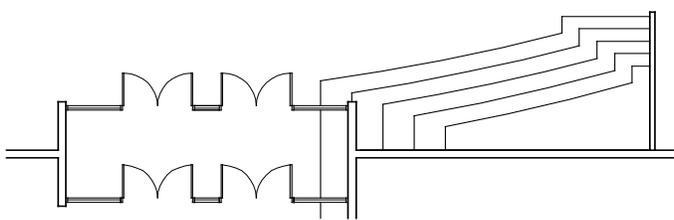
K

K-01

Main Entry Lobby

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
VCT or Tile
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Required
- Doors:
Aluminum Storefront
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
500
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
10

FUNCTION:

Main Entry

ADJACENCIES:

Parking, Administration, Classrooms, Multi-Purpose Room

Equipment:

None

Furniture:

None

Audio/Visual:

Voice enhancement system

ATTRIBUTES

FURNISHINGS

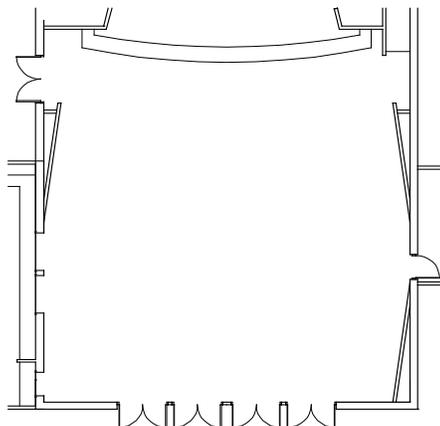
Department: Common Areas

K

K-02 Cafeteria/Multipurpose

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
VCT
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
Preferable
- Doors:
Hollow Metal
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
2000
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
100

FUNCTION:

Gymnasium, Auditorium, Cafeteria

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

Tables and Chairs

Audio/Visual:

Projector and screen, ceiling hung
Voice enhancement system

FURNISHINGS



Utah Schools for the Deaf and Blind

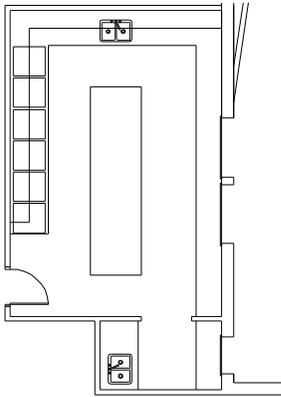
Connor Street School Replacement Facility

Department: Common Areas
K-03 Re-Heat Kitchen

K

ARCHITECTURAL REQUIREMENTS:

- Walls:
FRP Panels, sound insulation
- Floors:
Quary Tile
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Hollow Metal
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sinks, dishwashers
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
450
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
5

FUNCTION:

Instruction/Learning

ADJACENCIES:

Multi-Purpose Room, Proximity to Exterior

ATTRIBUTES

Equipment:

Kitchen Equipment for Re-Heat

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

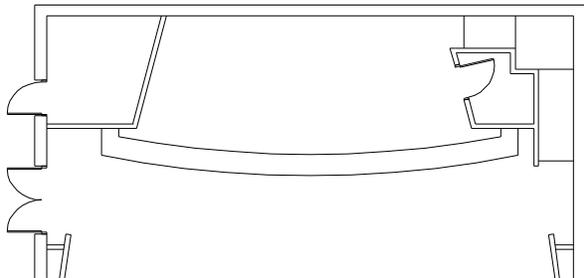
Connor Street School Replacement Facility

Department: Common Areas
K-04 Stage/Platform

K

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Wood or Similar
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:
Accessible Ramp



PLAN

SPACE:

- Square Footage:
500
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
15

FUNCTION:

Instruction/Learning

ADJACENCIES:

Multi-Purpose Room

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:
Projector and screen, ceiling hung
Voice enhancement system
Curtains

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Common Areas

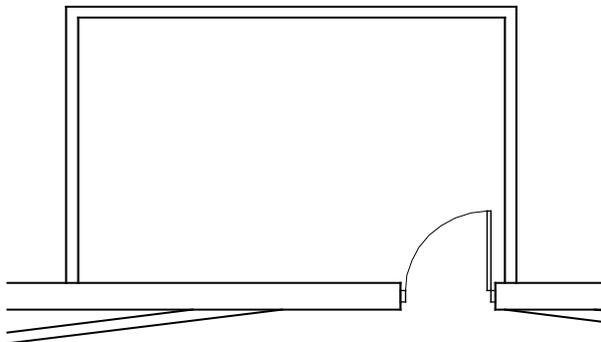
K

K-05

Table Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
VCT
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
150
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
n/a

FUNCTION:

Storage for cafeteria furniture

ADJACENCIES:

Multi-Purpose Room

ATTRIBUTES

Equipment:
None

Furniture:
None

Audio/Visual:
None

FURNISHINGS

Department: Information Technology

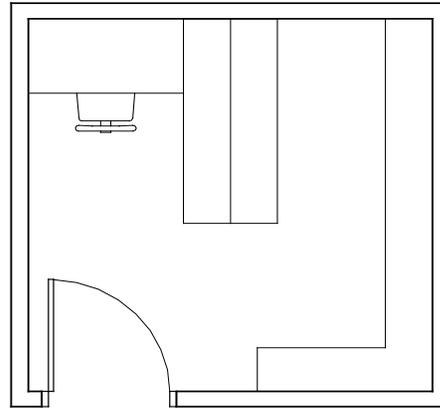
L

L-01

IT Station

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
none
- Computer:
As Advised by Owner
- Other Electrical:
Power every 10 feet
- Other Considerations:
Secondary IT closets may be required, depending on building layout



PLAN

SPACE:

- Square Footage:
100
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Instruction/Learning

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

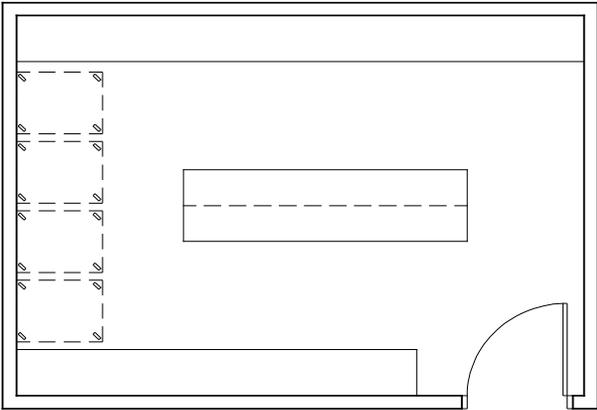
Salt Lake City Facility

Department: Information Technology
L-02 Servers and Storage

L

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum, sound insulation
- Floors:
Carpet
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
As Advised by Owner
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
250
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Technology base and storage

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

FURNISHINGS

Department: Building Support

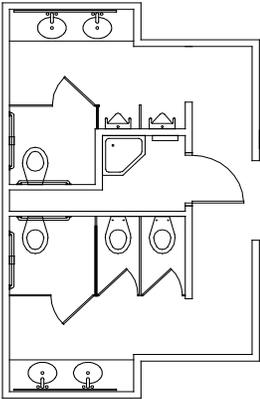
M

M-01

Restrooms

ARCHITECTURAL REQUIREMENTS:

- Walls:
Tile
- Floors:
Tile
- Ceiling:
Acoustic tile
- Base:
Tile
- Windows:
None
- Doors:
Solid core wood with window kit
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink, toilets, urinals
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
195
- Quantity:
4
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
n/a

FUNCTION:

Restroom

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

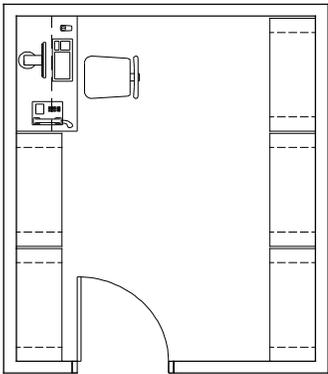
Department: Building Support

M

M-02 Janitor's Closet and Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
VCT
- Ceiling:
Exposed to Structure
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Steel
- HVAC:
Avg Temperature 68-72
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) locations
- Computer:
(1) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
120
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Janitorial work

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Building Support

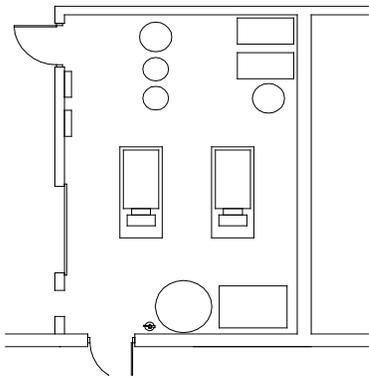
M

M-03

Mechanical

ARCHITECTURAL REQUIREMENTS:

- Walls:
CMU
- Floors:
Sealed Concrete
- Ceiling:
Exposed to Structure
- Base:
None
- Windows:
None
- Doors:
Hollow Metal
- HVAC:
Louvers
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
None
- Other Considerations:



PLAN

SPACE:

- Square Footage:
1200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
n/a

FUNCTION:

Fan Rooms

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

Department: Building Support

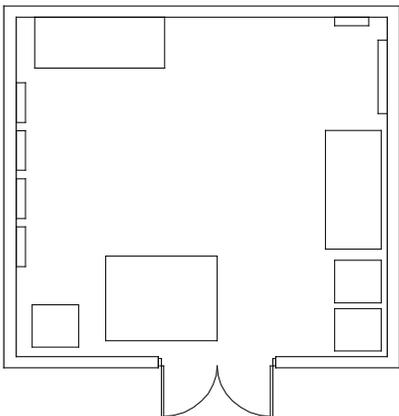
M

M-04

Electrical

ARCHITECTURAL REQUIREMENTS:

- Walls:
CMU
- Floors:
Sealed Concrete
- Ceiling:
Exposed Structure
- Base:
None
- Windows:
None
- Doors:
Hollow Metal
- HVAC:
None
- Plumbing:
None
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(2) locations
- Computer:
(3) Power and Data locations
- Other Electrical:
Power every 10 feet
- Other Considerations:
Daylighting preferred



PLAN

SPACE:

- Square Footage:
250
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
0

FUNCTION:

Power supply

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

None

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

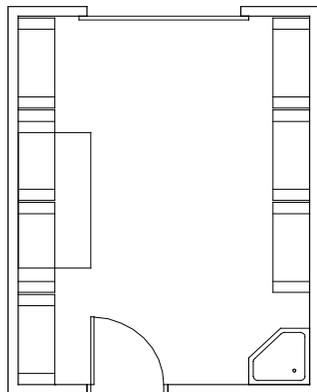
Department: Building Support

M

M-05 Maintenance Storage

ARCHITECTURAL REQUIREMENTS:

- Walls:
CMU
- Floors:
Sealed Concrete
- Ceiling:
Exposed Structure
- Base:
None
- Windows:
None
- Doors:
Hollow Metal, Overhead Coiling
- HVAC:
Exhaust
- Plumbing:
Mop Sink
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
(1) location
- Computer:
(1) Power and Data location
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Instruction/Learning

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

FURNISHINGS



Utah Schools for the Deaf and Blind

Salt Lake City Facility

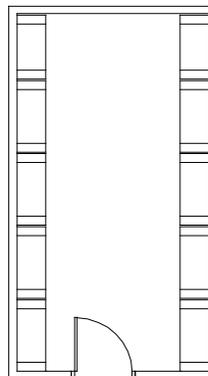
Department: Building Support

M

M-06 School Supply Room

ARCHITECTURAL REQUIREMENTS:

- Walls:
Painted gypsum
- Floors:
VCT
- Ceiling:
Acoustic tile
- Base:
Pre-molded rubber base
- Windows:
None
- Doors:
Solid core wood
- HVAC:
Avg Temperature 68-72
- Plumbing:
Sink
- Lighting:
Indirect florescent - 50-70 footcandles
- Telephone:
None
- Computer:
None
- Other Electrical:
Power every 10 feet
- Other Considerations:



PLAN

SPACE:

- Square Footage:
200
- Quantity:
1
- Specific Dimensions:
None
- Ceiling Height:
9'-0"
- Occupants:
1

FUNCTION:

Storage of general supplies

ADJACENCIES:

None

ATTRIBUTES

Equipment:

None

Furniture:

None

Audio/Visual:

FURNISHINGS

5.7 Sustainability

A sustainable approach to design requires the inclusion of the anticipated effect of building construction and operation on natural systems and finite resources as a factor in the decision making process. Termed "Green Design," this approach is not without sacrifice, but a rigorous design analysis can provide a building with significant savings in operating costs while providing a healthier and more comfortable building environment. Such environments have lower indoor toxins, and have been proven to promote instruction and learning, decrease absenteeism and increase productivity. As a publicly owned project, this building can serve as an example for future buildings. DFCM supports the goal of sustainable design that incorporates energy saving, while meeting program and facilities needs within scope and budget.

Sustainable approaches for this project may incorporate the following concepts:

1. Site design can include on-site retention of storm water in landscaped areas to minimize contaminants entering storm drains and to increase on-site filtration of solids and phosphorous.
2. Use light colored paving and roofing to reduce absorption of infrared heat, diminishing heat-island effect. Shade trees can also absorb sunlight without increasing localized heat.
3. Full cut-off down-lighting can keep light pollution to a minimum.
4. The use of native and drought-tolerant plants can reduce the dependency on potable water for irrigation use.
5. The recent focus on sustainability has led to an increased number of plumbing fixtures which provide water saving features. These should be selected where applicable.
6. Mechanical systems comprise an area which uses a large portion of the energy needed to operate a building. Designers should select a system with this in mind. In addition to testing and balancing, a commissioning agent should review the design during and after installation to ensure the system is meeting its optimum performance levels. Also, many types of refrigerants are available for standard mechanical systems. Avoid CFC's and HCFC's whenever possible.
7. It is often possible to manipulate a building envelope in order to realize substantial energy efficiency gains. Factors include orientation with respect to sun angles, shading devices, choice of glass type, and insulation values for wall and roof assemblies. Providing day lighting and views adds to the comfort level of the space.
8. Provide dedicated areas for collection and sorting of recyclables.
9. When possible, recycle construction and demolition debris to avoid adding to landfills.
10. Use materials with recycled content. Materials which are fabricated and/or produced locally minimize the use of fossil fuels for transportation.
11. Specify materials with low levels of volatile organic compound emissions to promote indoor health.

5.8 Quality, Durability and Materials

Life-cycle costs and durability of finishes are crucial for this building. As a state-funded project, this building should be viewed as a long-term investment. The following systems should be selected as described:

Exterior wall finishes and structure to be 50-year materials.

Exterior wall fenestration to be 25-year materials.

Roofing and waterproofing to be 20-year materials.

Below-grade waterproofing to be 50-year materials.

In addition, high traffic areas on the interior should be treated to wear as well as possible. High-traffic carpets, coatings, tile and entry mats are a few of the possible ways to increase durability and lessen damage to finish materials and substrates.

Sterile surfaces such as stainless steel and quarry tile should be used to meet health code in food preparation and service areas.

Non-porous and water resistant materials should be used in areas which will be exposed to water, or will require regular cleaning, such as restrooms. Abrasion-resistant and solvent resistant surfaces should also be used where applicable.

Materials and detailing should also promote safety. Considerations such as slip co-efficiency, rounded corners on millwork and adequate lighting should be taken into account. Detailing can promote longevity of

materials; chamfered edges, solid materials with homogenous color, and use of such wear-deterrent elements as resilient rubber base can decrease the appearance of wear.

5.9 History and Growth

With a legacy that is over one hundred years old, The Utah Schools for the Deaf and Blind believes in providing a quality education to all children, regardless of their disabilities. It is important to the USDB that all children receive the instruction necessary to prepare them for the numerous challenges of the future.

In his message to the Territorial Legislature of 1884, Governor Eli Murray emphasized the need for a school for the deaf. Beginning with a single student, a class for deaf mutes was created at what is now the University of Utah.

In 1896, Utah attained statehood and the members of the Constitutional Convention created the School for the Blind. Recognizing the importance of services for both the hearing and visually impaired, Utah's first lawmakers established The Utah Schools for the Deaf and Blind. Its first home was in Ogden at the Territorial Reform School. Over the past century, the USDB has grown in size and vision.

Today, 151 blind/visually impaired children and 247 deaf/hard of hearing children are currently receive education and testing customized to serve their individual needs.

Being a resource to public school districts is a major function of the USDB, which offers programs in many locations. Currently, 991 Utah students currently receive instruction from USDB consultants within their local schools.

The Parent Infant Program is the first that touches the lives of families with sensory impaired children. The goals of this program include supporting parents in their struggle to understand and accept having a sensory impaired child, helping parents to understand their child's unique needs, and providing resources for parents that assist in preparing their child for further education.

When a child reaches the age of three, they have the option of attending a USDB preschool, where they being to develop early learning skills such as sensory discrimination and socialization, among other things customized to their individual needs.

USDB offers a full kindergarten through 12th grade system where the educational goals are similar to those of a normal school system. These goals are achieved by applying special techniques of instruction, using alternative communication modes, training in the use of adaptive equipment, and providing special interactive experiences within a variety of social and physical environments. As students near age 16, cooperative planning with rehabilitation agencies serving hearing and visually impaired adults begins. The staff from USDB shares information with parents and rehabilitation agencies so that vocational training and independent living services can be planned.

USDB believes that if high quality special education services are available, children who are sensory impaired can achieve at levels comparable to children who attend regular public schools. Programs at the USDB strive to achieve the goals adopted by the state as outlined in the *State Core Curriculum*. Individualized education programs for children with sensory impairments provide unique instructional procedures that are directed toward achievement and success.

For over one hundred years, the USDB has provided invaluable services to the sensory impaired students of Utah. Once funding for the proposed facility in approved, the USDB will, in addition to maintaining their current programs, continue to grow and develop, keeping pace with the state of Utah.

Utah School for the Deaf and the Blind

Salt Lake City Facility Program



6 BUILDING SYSTEMS PERFORMANCE CRITERIA

6.1 Code Requirements

The design must meet the current version of the following design and construction codes and standards are to be met.

General:

Design and construction is to comply with the current Utah State Division of Facilities and Construction Management "Design Criteria".

Architectural:

2006 International Building Code
Americans with Disabilities Act Accessibility Guidelines (2006)
Americans with Disabilities Act (ICC/ANSO 117.1 1998)
International Fire Code
International Energy Conservation Code

Structural:

2006 International Building Code
American Institute of Steel Construction (AISC) with Commentary
ACI 318 Building Code Requirements for Reinforced Concrete
American Iron and Steel Institute (AISI) Specifications for the design of Cold-Formed Steel Structural Members
American Welding Society (ANSI/AWS) D1.1 Structural Welding Code
Steel Joist Institute (SJI) for open web Joists and Girders
Steel Deck Institute (SDI) for Metal floor and roof Decks

Mechanical and Plumbing Systems:

International Building Code
International Mechanical Code
International Fire Code
International Plumbing Code
International Energy Conservation Code
International Fuel Gas Code
State of Utah Boiler & Pressure Vessel Rules & Regulations
American Society of Mechanical Engineers
American Standards Association
National Electric Code
American Society of Testing & Material (ASTM)
Occupational Safety & Health Administration (OSHA)
National Fire Protection Association (NEPA)
American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)

Electrical:

National Electrical Code
National Electrical Safety Code
2006 International Building Code
International Fire Code
International Mechanical Code
NFPA 72
Life Safety Code
Utah Occupational Safety and Health Rules and Regulations

In addition, all electrical materials shall be standardized according to the NEMA standards where applicable and bear a UL or Factory Mutual label or be listed where applicable.

Energy Conservation:

DFCM has adopted the 1999 ASHREA 90.1 standard; in addition, the State of Utah has a policy that requires all new State buildings to improve on the ASHRAE 90.1 minimum requirements by 25%.

6.2 Structural Overview

The system design should accommodate and not interfere with the architectural layout, service requirements, and access needs. Adaptability and flexibility must be provided and the allowable maximum standards for deflection, movement, and vibration must be maintained. The design should also be coordinated with other building systems, including mechanical and electrical, in order to avoid conflict.

The structural system must maximize efficiency to avoid excess costs due to increased sizes of structural members and additional area required from the structural footprint. Various different structural systems should be analyzed and elected on a basis of cost and performance. A detailed cost estimate should be provided, including a list significant element prices.

The design of the structure and spaces should occur simultaneously and in an interactive method in order to ensure efficiency and eliminate problems during construction.

The construction documents shall include all special inspections required. Inspections are to be performed by a third party that is unaffiliated with the contractor or designer.

6.2.1 Design Parameters

The design of system should take into account the project schedule, lead time, onsite and off site fabrications time, and erection and installation time.

Geotechnical:

The design should be based on initial soil reports obtained by the DFCM. It should account for soil capacity, different settlement rates, liquidation, structural fill capacity, seismic loads, and groundwater and hydrostatic pressure.

Loading:

During the design process, code requirements need to be met. The project engineer shall verify all requirements before beginning work. Estimates for code compliance should account for the following:

Seismic Loading: Short spectral acceleration $SS = 1.774$
Seismic Loading: 1 Second spectral acceleration $S_1 = .0788$
(See Seismic Group II, where $IE=1.25$)

Wind Loading: 90 MPH, exposure B or C.

Due to high occupancy, the structure is classified as a Category II $IW=1.15$ (See IBC 2006, Table 1604.5.)

Roof Loading: Live loads, due to snow, vary greatly in Utah. 43 lbs. of snowfall is anticipated. Use of the 2002 Utah Uniform Building Standard Act Rules R125-56 is recommended. Category II, where $I_s = 1.1$ (See IBC table 1604.5)

Floor Loading: The design should be in accordance with the DFCM Design Criteria Manual.

6.3 Mechanical System

6.3.1 Air Handling System and Controls

The mechanical system design should provide a comfortable and safe environment, comply with all applicable codes, and address any additional needs specific to the programmed spaces. The mechanical system shall be designed to operate at high efficiency, providing energy and cost savings to the USDB.

Because this facility serves sensory impaired students, minimizing the audible interference produced by the mechanical system is a paramount concern. This is especially important in classrooms, therapy, and testing rooms. A cost estimate shall be produced, analyzing the following: purchase price of the system, controls, and accessories and the life-cycle and maintenance costs.

The systems provided shall utilize only those elements which have a proven history of reliability and performance, determined by reviewing a selection of major component manufacturers with the client before completing the design.

Though other proposed designs are encouraged, base scenario for the selection comparison is a gas boiler and chiller system which utilizes V.A.V. reheats for efficient localized control. Control package should DDC with P.C. interface.

Other design options may include, but not be limited to the following: unit ventilators, gas furnaces with DX coils for cooling, energy recovery ventilators, and laminar flow/thermal displacement.

Complete building system commissioning shall be performed at substantial completion to ensure that all systems are functioning at their optimal levels. This is in addition to testing and balancing.

6.3.2 Fire Sprinkling

A fire sprinkler system will be required by code in order to achieve allowable area and rating necessities. Design or performance specification must be provided, meeting MFPA code and providing solutions for any concerns of the Utah Fire Marshall.

6.3.3 Plumbing

The plumbing design is to meet the 2006 IPC as referenced by the DFCM "Design Criteria". Special considerations shall be taken for the unique nature of this facility. All fixtures and devices shall comply with ADA standards.

6.4 Electrical Systems

6.4.1 Lighting

The site lighting package shall hold the safety level of all accessible areas of the site as the most important component. It will require a balanced package with uniform light levels. The design shall incorporate an automatic shut-off system. Consider the use of hinged poles to facilitate repair and bulb replacement. Measures should be taken to eliminate light pollution, such as down lighting and full cut-off fixtures.

Building lighting should be a balance between effective task-oriented lighting and energy efficiency. Since the facility will be used by hearing and vision impaired students, it is a necessity that all audible resistance "hum" from electrical fixtures and devices be minimized or eliminated. Likewise, lighting levels and flexibility will be crucial in certain areas, such as classrooms, therapy, and testing rooms, the sensory room, and the O.M./P.T. areas. Design should address contrast, glare, and color rendering on this basis as well.

Life-cycle cost analysis should be used to determine fixture selection. Energy efficiency, maintenance and initial cost will affect this analysis. Occupancy sensors should be considered on an area-by-area basis.

The engineer should review the selection of fixtures, devices, and lamp types with the client and maintenance representative to reduce the number of different types of replacement parts which will be required. Maintenance should be a factor in selection.

For illumination levels, refer to the IESNA lighting handbook and adhere to the recommended practices.

Dimming and/or black-out ability should be reviewed for presentation areas, such as the multi-purpose room and conference rooms.

6.4.2 Power

Power introduced to the building through the transformer should use conventional conduit and copper wire to panels. A C/T can for metering will be located in the service yard. Consider and review the use of a diesel generator for back-up power. An architecturally efficient layout should ensure that panels and closets will be within proximity to eliminate voltage-drop on long runs (approximately 200 ft.). As the building will most likely be 2 levels, efficiency can be promoted by locating second floor power closets directly above the first floor closets.

DFCM "Design Criteria" standards require 50% additional space and power capacity above design loads.

At each feeder, the DFCM requires a dedicated neutral and equipment ground. For 120/208 volt feeders, an isolated ground must be provided. This conductor must be continuous through the panels and be isolated from the equipment ground until the main transformer. Review telecommunications boards and closets as well as computer lab areas are to analyze other potential specific grounding requirements.

A lighting risk assessment should be conducted to evaluate the need for lightning protection. If the assessment shows scores within the moderate to severe levels, such a system shall be provided.

No grounds should exceed 2 OHMS to earth ground.

6.4.3 Fire and Safety

A code search involving building design and occupancy shall be conducted to determine the type of fire alarm system that is needed. It shall comply with current NFPA codes and additional state amendments. The system will be comprised of both horns and strobes for audible and visible alert.

The electrical engineer shall coordinate with the mechanical systems design team to evaluate the need for fire safety devices in the ductwork, provide fan shut-off connected to duct smoke detector at all systems dealing with 2000 CFM of air or greater.

The design will include a fire-water system, including hydrants, FDC's, and sprinklers. A fire alarm control panel needs to be located near the main entry (either the main panel or a remote enunciator).

The fire alarm system shall be comprehensive, connecting to the sprinklers, dampers, fans, smoke control, and elevators.

6.4.4 Communications, Technology, and Audiology Visual Systems

All telecommunications cables shall be carried in a raceway, either via cable trays or conduit. The maximum distance for a run between IDF's or MDF's and areas they serve shall be 290 ft., measured along the raceway. One telecommunications closet should be located on each floor to facilitate this, preferable stacked. Each data connection must terminate on the same floor as the area served. Each room shall have capacity for future data connections. Verify data outlets in classrooms with client to determine the best locations for any hardwired areas in the floor.

MDF and any IDF's shall have dedicated HVSC zones capable of higher loads.

Ceiling mounted projectors and projection screens are the preferred audio/visual system for classrooms. All media locations will be hardwired. Some classrooms will require remote learning/broadcasting capabilities. The large conference rooms and several classrooms may require smart board interactive technology.

Sound enhancement shall be provided in the multi-purpose room, the ERC, all classrooms, and the large conference room. The system should allow for digital presentations as well as live public speakers. In EAN

case, wireless technology is preferred. As directed by the USDB, some areas will require listening aid devices.

An integrated system with simple user interface all by the same manufacturer is required.

6.4.5 Security System

The building will be accessed by a card-reader system, allowing for access breakdown by security clearance level, area and time of day, providing tracking information based on card use. All exterior doors will have card readers, as well as certain doors which are to be designated by the client.

A closed circuit television system will be provided for remote surveillance and documentation purposes, both while the building is occupied and after hours. In addition to evidence used for prosecution and suspect identification, this system should be designed to be highly visible as a crime deterrent. At the exterior, the system should provide rough-ins and conduit for future cameras. At the interior, the following areas should be monitored by the CCTV system: computer labs, EDNET Suite, the educational resource center, and main circulation areas

An alarm system for the building perimeter and designated interior areas will be required to detect intruders. This element will help to protect against theft and vandalism.

All security measures need to comply with current codes and must not interfere with life safety measures, such as entrance/exiting requirements.

Utah School for the Deaf and the Blind

Salt Lake City Facility Program



7 FEASIBILITY ANALYSIS

7.1 Project Schedule

Completion of a new facility for Utah Schools for the Deaf and Blind hinges on acquiring funding from the state legislature. When state funding is approved, the USDB, in conjunction with the DFCM, will produce a request for proposal and issue it with this program to solicit responses from various designers experienced in educational architecture. Architects will develop and respond with proposals. At this point, the DFCM and USDB may opt to "short list" potential designers. After another round of proposals, the client will make the final architect selection. The architect will develop this design and produce construction documents. A pre-qualified or open contractor bid will then commence. Once the project is awarded, the contractor will be required to reach substantial completion by a set point based on the notice to proceed.

The actual duration of design and construction is estimated as follows:

Development of RFP	3 weeks
Architectural review and proposal development	2 weeks
Short list review	1 week
Short list proposal development	4 weeks
Review and awarding of contract	2 weeks
Design development	5 weeks
Construction documents	10 weeks
Bidding and Negotiations	3 weeks
Construction	45 weeks (approximately 10 months)

The building should be ready for occupations approximately 75 weeks (17.5 months) after funding is approved.

7.2 Cost Estimate

Hard Costs

Site/Utility/Parking/Landscape	61000	S.F.	\$4.75	/S.F.	\$289,750.00
Architectural	61000	S.F.	\$45.50	/S.F.	\$2,775,500.00
Structural	61000	S.F.	\$35.00	/S.F.	\$2,135,000.00
Mechanical	61000	S.F.	\$30.00	/S.F.	\$1,830,000.00
Electrical	61000	S.F.	\$20.00	/S.F.	\$1,220,000.00
Subtotal			\$135.25	/S.F.	\$8,250,250.00
General Conditions	5%				\$412,512.50
Bonding	1%				\$82,502.50
Overhead and Profit	5%				\$412,512.50
Subtotal					\$9,157,777.50
Design Contingency	10%				\$915,777.75
Subtotal					\$10,073,555.25
Construction Cost Total			\$165.14	/S.F.	\$10,073,555.25

Soft Costs

Bonds and Excess Liability Insurance	0.5%				\$50,367.78
A/E Fees and Reimbursables	7.0%				\$705,148.87
Inspections	1.0%				\$100,735.55
Soils Report	0.1%				\$10,073.56
Surveying	0.1%				\$10,073.56
Commissioning	0.5%				\$50,367.78
Project Management	0.5%				\$50,367.78
Owner's Construction Contingency	5.0%				\$503,677.76
Furnishings	8.0%				\$805,884.42
Audio and Video Technology	2.0%				\$201,471.11
Computers	0.5%				\$50,367.78
Soft Costs Subtotal	25.2%				\$2,538,535.92

Total Project Cost

\$12,612,091.17