



COMMUNITY CONCEPT

2015 ELEMENTARY SCHOOL PROTOTYPE

SPACE REQUIREMENTS AND SPECIAL CONDITIONS

REVISION 4.0 – June 2017

Superintendent of Schools

Dr. Jesus F. Jara

Associate Superintendent

Facilities Division

Blake Cumbers

Prepared by

Construction Management

June 2017

SPACE ALLOCATIONS FOR 849 STUDENTS ELEMENTARY SCHOOL BUILDING*

AREA	APPROXIMATE TOTAL USABLE SQUARE FEET**
1. ADMINISTRATIVE CENTER	4,240
2. LIBRARY - RESOURCE MATERIAL CENTER	2,430
3. STUDENT ACTIVITY CENTER	7,740
4. KINDERGARTEN CENTER	10,420
5. LEARNING CENTERS – Grades 1 - 5	36,500
6. SPECIAL PROGRAMS CENTER	8,720
7. MAINTENANCE AND OPERATIONS	2,100
8. OUTSIDE PLAY AREAS (not included here)	-
Approximate Building NET Usable Square Feet (85%)	72,150
Approximate Building Unassigned Interior Spaces and Circulation (15%)	12,733
Approximate Building TOTAL GROSS Square Feet* (100%)	84,883
<p>*Class-size reduction included. **Actual space sizes will be determined during design.</p>	

These are guidelines furnished for consistency purposes and NOT intended to supersede applicable Codes. The Architect is responsible to ensure design complies with ALL applicable Codes.

FACILITY CONSIDERATIONS - GENERAL:

- 1 849 student population for a nine (9) months school.**
- 2 Use CCSD Design Manual and Standards and Guideline Specifications for the design of architectural (door and windows frames and hardware, roofing, cabinetry, etc.), mechanical, plumbing and electrical (high and low voltage) systems. Appendices with Standards and Guideline Specifications for some major building systems are hereby attached. Coordinate with related CCSD departments the design of any system not included.**
- 3 ADA accessibility throughout the facility, per the latest ADA and Nevada Accessibility standards and requirements.**
- 4 Provide one Family Restroom adjacent to each student restroom areas.**
- 5 Provide individual classroom lighting control next to all doors, to darken classrooms for video presentations, and to provide switching for emergency lighting tied to the security system.**
- 6 Provide individual classroom HVAC zoning.**
- 7 Provide an Energy Management System (EMS) with 15% expansion capability as directed by CCSD Energy Manager. The EMS System should allow control from both the school maintenance center and the centralized school district Energy Management Control Center. Include a panel with an adjacent phone outlet.**
- 8 Any interior school area that will accommodate 50 or more persons in an assembly should be provided with Assistive Listening System (ALS) devices, equivalent to an infrared ALS system.**
- 9 Provide interior signage package to consist of: (1) room number(s) and room usage signage to meet the ADA requirements, and (2) directional signage to indicate locations of rooms coming from the office and "to office" signs from the exterior doors back to the office. Include ADA-compliant EXIT placards adjacent to corridor exit discharge doors.**

- 10 All office or classroom windows facing the exterior should receive interior one-touch vertical blinds, except in the Health Center which may have horizontal blinds.
- 11 Ensure that any wall hung lavatories and cabinetry receive additional support to avoid pulling away from the wall.
- 12 All restrooms should be vented to the outside.
- 13 Provide tempered water for all lavatories and sinks used by students.
- 14 Do not place any electrical equipment or electrical room(s) adjacent to the ER and TR's.
- 15 Acoustic guidelines for areas with special sound attenuation needs.
 - A. MPR should accommodate a wide range of functions with various acoustic requirements.
 - I. Provide a balanced reverberation time (or utilize adjustable absorption) to accommodate intended use functions.
 - II. Provide moderate to high levels of sound isolation. Distribute sound absorptive wall treatment throughout the room.
 - B. Control background (ambient) sound levels from HVAC equipment and air distribution system to accommodate the acoustic criteria for the most stringent use function.
 - C. Conference room should maximize sound isolation to accommodate confidential conferences.
 - I. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.
 - II. Provide moderately absorptive ceiling and wall treatment.
 - D. Music Classroom should maximize sound isolation for non-disturbance of nearby classrooms.
 - I. Control reverberation for a balanced acoustic quality live enough to promote sound projection; dead enough to avoid unwanted reflections.
 - II. Provide a high degree of sound isolation at walls and floor/ceiling construction (sound transmission class may not be applicable due to low-frequency noise).
 - III. Control background (ambient) sound levels from HVAC equipment and air distribution

systems.

IV. Provide gasketed doors or sound isolating doors or vestibules.

E. Classrooms walls should minimize sound transmission from nearby classrooms. (STC approximately 39+/-)

F. Library should minimize sound transmission from nearby classrooms. Distribute sounds absorptive wall treatment throughout the room.

16 Include tack boards along the corridor walls.

17 Semi-gloss paint must be provided for finish wall and ceiling surfaces throughout. Gloss enamel paint is required on hollow metal frames and doors.

18 Interior doors to offices, classrooms, Library, and MPR should have observation windows 8" wide by 3' long as a minimum, unless otherwise indicated. No sidelights adjacent to the classrooms doors are allowed.

19 All doors should receive kick plates on the bottom.

20 Provide for furniture and bulk delivery with a 60-inch wide opening where possible (48-inch wide minimum). Removable mullions are not allowed on exterior doors.

21 Drinking fountains to be non-electric cooled, ADA compliant, and of a model type designed to minimize spillage over the edges. Include bottle fillers on corridor (hi-lo) drinking fountains.

22 Security Keypads to be provided per CCSD Intrusion Alarm System Standards, included in the CCSD Design Manual.

23 Provide infrastructure for OFCI CCTV cameras per CCSD Security Camera System Standards, included in the CCSD Design Manual.

24 All corridor flooring should have LVT finish.

25 Storage and Custodial rooms should have walls terminate at deck above, with no ceilings.

- 26 Classrooms ceilings should not be more than 10'-0" AFF.**
- 27 Drywall substrate for fiber reinforced plastic (FRP) and fiber reinforced laminate (FRL) shall be fiberglass mat faced.**
- 28 Drywall and framing should terminate above ceilings.**
- 29 Hydraulic elevator capacity: 3,500 lbs.**

FACILITY CONSIDERATIONS - EXTERIOR AREAS:

- 1 Provide school name and street address in contrasting metal lettering located at the front of the school high up on the wall and visible from the street. Street address numbers should also be located on the roof.**
- 2 Provide a 30-foot flagpole located at the front of the school in a visible location.**
- 3 Provide school bus loading/unloading area for (6) buses minimum, completely separated from the parents drop-off area.**
- 4 Provide faculty, staff, and visitor parking for a minimum of 153 vehicles.**
- 5 Provide parents drop-off/pick-up area, completely separated from the school buses area.**
- 6 Provide lighting in all parking and bus areas.**
- 7 Street sidewalks and staging areas at crosswalk access points should be adequate to accommodate pedestrian volumes at peak time.**
- 8 Provide external speakers for audio communications from the office on each exterior side of building(s) towards the playground areas, to enable students to hear school alarms, recalls, and messages. The speakers and sound system shall ensure a good and clear transmission of the audio communication.**
- 9 All fencing to be galvanized.**
- 10 Minimize any exterior area that can be used for hiding. Any such area should be fenced off.**
- 11 Any external appurtenances should not enable students to climb up to the roof.**
- 12 Exterior roof drain down spouts should be located away from exterior doorways. Include overflow scupper in lieu of internal overflow drains.**
- 13 Provide 32 foot wide gate for future portable classrooms mobile access from street near portable location on site. Provide 10'-0" wide gates for mower access to turf area and 10'-0" wide gate for maintenance truck access to playground equipment**

- 14 Provide electrical, fire alarm, intercom and data connections for siting of four (4) future portable classrooms (24'x60' nom.). Portables should be sited to face the school, therefore, stub-up and pull boxes should be placed accordingly.
- 15 Provide gated dumpster trash enclosure area for three dumpsters, with automatic night controlled lighting and a can wash area with hose bib for wash down.
- 16 Provide exterior drinking fountains with at least 3 bubblers on all sides of the building(s) (excluding the front of the school). Include vandal-resistant hose bib under the fountains.
- 17 Provide additional vandal-resistant hose bibs or vandal-resistant quick coupler valves on courtyard sides of the buildings for wash down of areas.
- 18 Fire hydrants should not be located in the playground areas.
- 19 Exterior walls shall be finished with Anti-graffiti coatings (at least two-coats).
- 20 Playground perimeter fence shall have gates at public sidewalks. Locate gates in line with crosswalks. On the sidewalk side of the gate, provide staging area for students waiting to cross the street.
- 21 Pedestrian pathways through parking lots should be toward crosswalks.
- 22 Bus pullouts should include a fence (4 ft. high minimum) along the island adjacent to the street to discourage pedestrians from walking between buses.

PROGRAM OF SPACE REQUIREMENTS

1 ADMINISTRATIVE CENTER:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
1.01	Main Entrance Vestibule	1	TBD	TBD
1.02	Reception	1	350	350
1.03	General Office	1	650	650
1.04	Principal Office	1	220	220
1.05	Conference Room	1	220	220
1.06	Assistant Principal Office	1	140	140
1.07	Health Center	1	270	270
1.07.1	First Aid Couch Room	1	270	270
1.07.1	Rest Room	1	80	80
1.08	Itinerant Staff Offices	4	110	440
1.09	Counselor Office	1	200	200
1.10	Book/Supplies Storage Room	1	60	60
1.11	Confidential Files Storage Room	1	60	60
1.12	Staff Workroom	1	450	450
1.13	Staff Lounge	1	750	750
1.14	Women's Staff Restroom	1	150	150
1.15	Men's Staff Restroom	1	150	150
1.16	Custodial Room	1	50	50
Sub-Total:				4,240

REQUIREMENTS:

1.01 Main Entrance Vestibule:

- Secure and climate controlled access to the Reception.
- Walk-off carpet floor finish.

1.02 Reception:

- Main public entrance and waiting area.
- Area sitting for four (4) people.
- Area with 5 computer stations for use by parents for student registration.
- Relate to: 1.03 – General Office, 1.07 – Health Center.
- Area on one wall for Board of School Trustees photograph and a bronze Dedication Plaque (16.5”H x 45”W). Include dedicated lighting.
- One (1) 4’ x 4’ wall-mounted tack board, 2’-7” A.F.F. to the bottom edge of the board.
- Buzzer controlled door for secure access to the other areas of the school.
- One (1) Intercom speaker.
- Dual drinking fountains, one ADA accessible, with fiber reinforced laminate panel wall finish behind and LVT below the drinking fountains.
- Carpet floor finish on the rest of the area.

1.03 General Office:

- Office should have visibility to the Reception and main entrance doors.
- Provide lockable door (not swinging gate) between Reception area and General Office.
- Provide CCTV camera(s) for public and office areas.
- Built-in reception counter to include the following:
 - Main counter top 40" A.F.F. and 24" deep.
 - One (1) 4'-5" wide section on one end, 30" A.F.F. top, with two (2) duplex outlets, and under counter lockable storage.
 - One (1) ADA accessible counter, 36" wide.
 - Data, power and VOIP outlets, one each, adjacent to the 40" high portion of the counter.
 - Phones outlets on the vertical portion above the counter approximately 32" A.F.F. for use by students and parents.
 - Power, VOIP and data outlets for a work station on walls with no counters.
 - Electric buzzer to control the secure access door.
 - Time/tone unit with call button on back wall visible from reception area.
 - Five card file drawers, 8" H x 18" W (inside dimensions) each.
 - Ten card file drawers, 4" H x 18" W (inside dimensions) each.
 - Mailbox slot and drop box.
- Area with power and data connections for minimum two (2) copiers.
- Area for the following furniture:
 - L-shaped desk – 36 x 72 w/ 24 x 48 return on left (VOIP, data, power)
 - L-shaped desk – 36 x 72 w/ 24 x 48 return on right (VOIP, data, power)
 - U-shaped desk – 36 x 72 w/ 20 x 36 right bridge, 36 x 72 credenza (VOIP, data, power)
 - Four (4) 36 x 18 x 66H lateral files w/ overhead cabinets
 - Three (3) 36 x 12 x 42H bookshelves
- Carpet floor finish.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.

1.04 Principal Office:

- Sound attenuation and isolation from adjacent spaces.
- Connect to the Conference Room.
- Analog Phone Line for HOTLINE.
- One clock outlet.
- Carpet floor finish.

1.05 Conference Room:

- Direct access from Principal Office.
- Seating for ten (10) people at an 8' x 4' conference table.
- One (1) 4' x 8' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) 4' x 8' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) Interactive ultra-short-throw projector centered above the marker board.
- One (1) clock outlet.
- One (1) VOIP connection.
- Sound attenuation and isolation from the adjacent spaces.
- Carpet floor finish.

1.06 Assistant Principal Office:

- One (1) 4' x 4' tack board.
- One (1) clock outlet.
- Sound attenuation and isolation from adjacent spaces.
- Carpet floor finish.

1.07 Health Center:

- Direct access and observation window from the General Office.
- Horizontal blinds for windows.
- All doors to or within the Health center area to be 3'-4" wide.
- Built-in 24" deep and 8' wide work counter on one wall, with the top at 34" A.F.F., with sink. The sink shall be provided with an emergency eye wash.
- Local light above the sink.
- Built-in above and below cabinets, with lockable storage and adjustable shelving.
- Area with electrical and water connections for one stand-alone 14 cu. ft. refrigerator/freezer (OFOI) on one end of the counter.
- Four-prong clothes hook on the back of the door, 4' A.F.F.
- Two (2) 4' x 4' tack boards, 2'-7" A.F.F. to the bottom edge of the board.
- Two (2) above-counter electrical outlets.
- One (1) clock outlet.
- LVT floor finish.

- Area for two (2) 6' first aid cots, with curtain on ceiling tracks, to separate the cots and provide at least one isolated cot area.
- Area for two desks with data, phone and power for each.
- LVT floor finish.

1.07.1 Rest Room:

- All plumbing fixtures to be ADA accessible:
 - one Toilet (17" AFF);
 - one Lavatory (30" AFF);
 - one roll-in type shower, with a flex hose attachment;
- 3'-4" wide ADA accessible door.
- Wall-mounted fold-down changing table.
- One (1) double-prong clothes hook on the back of the door, 4' A.F.F.
- Shatterproof mirrors.
- Toilet accessories:
 - Soap dispensers (OFOI).
 - Paper towel dispenser(s) (OFOI).
 - Toilet paper dispensers (OFOI).
 - Sanitary napkin dispenser/disposal(s).
- Epoxy floor finish and fiber reinforced laminate panel wall finish.

1.08 Itinerant Staff Offices:

- Provide 8" wide x 36" high windows in entrance doors.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) clock outlet.
- Sound attenuation and isolation from adjacent spaces.
- Carpet floor finish.

1.09 Counselor Office:

- Provide 8" wide x 36" high window in entrance door.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) clock outlet.
- Sound attenuation and isolation from adjacent spaces.

- Carpet floor finish.

1.10 Book/Supplies Storage Room:

- Storage for school supplies.
- One (1) outlet each for data, power and VOIP.
- One (1) intercom speaker.
- VCT Sealed concrete floor finish.

1.11 Confidential Files Storage Room:

- Wall safe on the non-storage wall near the entrance door.
- Key cabinet mounted directly next to the wall safe.
- One (1) outlet each for data and power.
- VCT Sealed concrete floor finish.

1.12 Staff Work Room:

- Connected with the Staff Lounge through a door.
- Built-in counter on two (2) walls, 34" A.F.F., 30" deep and approximately 32' long, with above and below cabinets, and one approximate 36" wide end countertop section with a lowered height of 27" A.F.F., with outlets for power, data and VOIP mounted 18" A.F.F. under counter. Provide 2 ½" hole with grommet in the back center of the lowered counter.
- Electrical plugmold above counter with duplex power outlets every 3 ft. (no more than four (4) outlets per one dedicated circuit).
- Additional dedicated power and data connections for minimum of two (2) networked copiers and one laminator.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) 4' x 4' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) clock/intercom.
- LVT floor finish.

1.13 Staff Lounge:

- Connected with the Staff Workroom through a door.
- Minimum of eighty (80) 1' H x 1' W x 14" D (inside measurements) mail box slots.
- Area for five (5) 48" round tables with six (6) chairs each.
- Area with built-in counter, 34" A.F.F., 24" deep, with double sink with hot and cold water,

including garbage disposal (and related electrical power and switch), and above and below storage cabinets.

- Four (4) above counter duplex outlets for (OFOI) microwaves (3), coffee maker, etc.
- Area for two (OFOI) 24 cu. Ft. refrigerator/freezers, with one water line for ice maker.
- Area for two (2) large vending machines (OFOI).
- One (1) 4' x 8' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) 4' x 4' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- Hi-Lo drinking fountain (ADA Accessible)
- One (1) VOIP connection.
- One (1) clock/intercom unit with call button.
- LVT floor finish.

1.14 Women's Staff Restroom:

- Close proximity to the Staff Lounge.
- ADA accessible.
- Plumbing fixtures quantity per code.
- Shatterproof mirrors.
- Toilet accessories:
 - Soap dispensers (OFOI).
 - Paper towel dispenser(s) (OFOI).
 - Toilet paper dispensers (OFOI).
 - Sanitary napkin dispenser/disposal(s).
- One (1) intercom speaker.
- One (1) single-prong clothes hook mounted on inside of water closet doors.
- Fiber reinforced laminate panel wall finish and epoxy floor finishes.

1.15 Men's Staff Restroom:

- Close proximity to the Staff Lounge.
- ADA accessible.
- Plumbing fixtures quantity per code.
- Shatterproof Mirrors.
- Toilet accessories:

- Soap dispenser(s) (OFOI).
- Rolled paper towel dispenser(s) (OFOI).
- Roll type toilet paper dispenser(s) (OFOI).
- One (1) intercom speaker.
- One (1) single-prong clothes hook mounted on inside of water closet doors.
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

1.16 Custodial Room:

- Custodial storage with mop sink with hot and cold water, mop rack, and fiber reinforced plastic (FRP) panel wainscot on either side of the sink if the walls are of drywall type.
- Sealed concrete floor finish.

2 LIBRARY - RESOURCE MATERIAL CENTER:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
2.01	Library	1	2,100	2,100
2.02	Library Office	1	110	110
2.03	Storage/Workroom	1	110	110
2.04	Publish/Media	1	110	110
Sub-Total:				2,430

REQUIREMENTS:

2.01 Library:

- Built-in Charging desk, with unobstructed view of entire library and all doors, to include the following:
 - Three (3) computer stations, with knee space and counter height at 30" A.F.F. Under counter quad power outlet and data outlet (one for each computer), with 2 ½" grommet holes.
 - Lockable cabinets and adjustable shelves, pencil drawers, and middle level shelves as pull-out as necessary.
 - Book drop well with stainless steel edging drop slot.
 - Two (2) above-counter duplex power outlets.
- Eight (8) student computer stations on a single location, with data and power outlets at 18" A.F.F.
- Area for 450 lineal feet of three-shelf book stacks, ten (10) 48" round tables, four (4) 36" x 72" rectangular tables, and eighty (80) chairs.
- Two (2) 4' x 8' tack boards, 2'-7" A.F.F. to the bottom edge of the boards, one located near the main entrance and one near the library teaching area.
- One (1) 4' x 8' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) Interactive ultra-short-throw projector centered above the marker board, connected to the 4 speaker sound system.
- VOIP connection at the charging desk.
- One (1) clock/intercom unit, with call button.
- Sound insulation, including acoustic panels on walls and ceiling.
- Carpet floor finish.

2.02 Library Office:

- Windows for visual supervision of Library.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) clock outlet.
- One (1) VOIP connection.
- Carpet floor finish.

2.03 Storage/Workroom:

- Direct access from the Library.
- Audio-visual equipment storage, circulation, retrieval, and maintenance.
- Built-in work counter, 30" A.F.F., 24" deep and 10'-6" long on one wall, with sink with hot and cold water, and above and below lockable storage cabinets.
- Above counter power outlets, 24" O.C.
- Data and quad power outlets at one location.
- One (1) clock/intercom unit, with call button.
- One (1) VOIP connection.
- LVT floor finish.

2.04 Publish/Media Room:

- Direct access from the Library and corridor.
- Built-in counter, 30" A.F.F., 24" deep and 6' long on one wall, with sink with hot and cold water, and under counter lockable storage and adjustable shelves.
- Above counter power outlet.
- One (1) 4' x 4' tack board above the counter.
- One (1) 4' x 8' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- Data, quad power and VOIP outlets at one location.
- Electrical plug-molds on two walls, 30" A.F.F., with outlets 24" O.C.
- One (1) clock outlet near the counter.
- LVT floor finish around the sink counter.
- Carpet floor finish on the rest of the floor.

3 STUDENT ACTIVITY CENTER:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
3.01	Multi-Purpose Room (MPR)	1	5,000	5,000
3.01.1	MPR Storage Room	1	150	150
3.02	Platform	1	750	750
3.03	Boys' Restroom	1	250	250
3.04	Girls' Restroom	1	250	250
3.05	Family Restroom	1	60	60
3.05	Custodial Storage/Office	1	100	100
3.06	Volunteer Center	1	200	200
3.07	PE Outside Storage	1	50	50
3.08	Student Store	1	80	80
3.09	Safe Key Office	1	100	100
3.10	Kitchen Area	1	600	600
3.10.1	Kitchen Storage	1	150	150
Sub-Total:				7,740

REQUIREMENTS:

3.01 Multi-Purpose Room (MPR):

- Easy access to parking lot.
- Direct access to/from playground area.
- MPR ceiling approximately 20 feet high.
- Public address system with omni-direction/crown microphone and switches for combined and separate speakers with the Platform. Include ADA Assistive Listening System equivalent to the infrared system as a minimum.
- Ceiling-mounted motorized 7' x 10' "tensioned" rear-projection screen, centered above and on the platform side of the curtain opening, with associated electrical power and switch.
- Two (2) 4' x 8' marker boards without bottom tray, 2'-7" A.F.F. to the bottom edge of the boards for P.E. use.
- Two (2) 4' x 8' tack boards, one near the main entrance, 2'-7" A.F.F. to the bottom edge of the boards.
- Duplex power outlets every 15' on walls.
- Two (2) data outlets, and associated duplex power outlets, one located on a side wall at 18" A.F.F., and one located near the Kitchen serving area at 48" A.F.F. for point-of-sale devices
- Two (2) floor boxes, with two (2) each data and duplex power outlets, and metal cover plate. One (1) floor box to be located such as to be able to control a projector aimed at the projection screen.
- One (1) clock/intercom unit, with call button.
- Magnetic hold-open devices on doors from corridors, (tied into the fire alarm system if rated openings).
- Sound attenuation and isolation from adjacent spaces, including acoustic panels on walls and ceiling.
- One (1) pair hi-lo drinking fountains, ADA accessible.
- LVT floor finish.

3.01.1 MPR Storage Room:

- Double-doors direct access from MPR.
- Storage for 350 folding chairs on seven trucks and twenty (20) 10' long lunch room tables.
- Sealed concrete floor finish.

3.02 Platform:

- Platform to accommodate 60 students.
- Rectangular in shape.
- Platform floor elevation to be 24" above MPR finish floor.
- Note: Emergency lights installed at the back of the platform and ADA access.
- ADA access from MPR and outside area.
- Motorized curtain between the platform and MPR.
- Ceiling-mounted projector for the MPR rear-projection screen.
- Provide track lighting on the MPR side of the curtain.
- One (1) 4' x 8' marker board on a side wall, without marker/eraser tray, 2'-7" to the bottom edge of the board.
- One (1) duplex electrical outlet every 10' on walls.
- Provide three (3) floor flush-mounted outlets for microphones.
- Provide three (3) floor flush-mounted boxes with two (2) data and duplex power outlets each, next to the microphones outlets.
- One (1) VOIP connection.
- One (1) clock/intercom unit with call button on a side wall.
- Sound attenuation and isolation from adjacent spaces.
- Carpet floor finish.

3.03 Boys' Rest Room:

- Support of students and spectators using the MPR, with interior and exterior access.
- Accessible during after-hours functions from outside, with locked access to the MPR.
- Plumbing fixtures quantity per code.
 - Toilets (15" AFF) + ADA Toilet (17" AFF)
 - Lavatories (30" AFF)
- Shatterproof mirrors.
- Toilet accessories:
 - Soap dispensers (OFOI).
 - Paper towel dispenser(s) (OFOI).
 - Toilet paper dispensers (OFOI).
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finishes.

3.04 Girls' Rest Room:

- Support of students and spectators using the MPR, with interior and exterior access.
- Accessible during after-hours functions from outside, with locked access to the MPR.
- Plumbing fixtures quantity per code.
 - Toilets (15" AFF) + ADA Toilet (17" AFF)
 - Lavatories (30" AFF)
- Shatterproof mirrors.
- Toilet accessories:
 - Soap dispensers (OFOI).
 - Paper towel dispenser(s) (OFOI).
 - Toilet paper dispensers (OFOI).
 - Sanitary napkin dispenser/disposal(s).
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finishes.

3.05 Family Rest Room:

- ADA accessible, one-person use.
- Plumbing fixtures:
 - Toilet (17" AFF)
 - Lavatory (30" AFF)
- Shatterproof mirrors.
- Toilet accessories:
 - Soap dispensers (OFOI).
 - Paper towel dispenser(s) (OFOI).
 - Toilet paper dispensers (OFOI).
 - Sanitary napkin dispenser/disposal(s).
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finishes.

3.06 Custodial Storage/Office:

- Direct access from MPR.
- Mop sink with hot and cold water, and mop rack. Provide FRP wainscot on both sides when

walls are drywall type.

- Provide space for one (1) 72" x 36" desk near power, data and VOIP.
- One 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- VOIP connection.
- Data and duplex power outlets in the office area of the room.
- One (1) clock/intercom with call button.
- Sealed concrete floor finish.

Volunteer Center:

- Direct access from MPR.
- Built-in counter, 34" A.F.F., 24" deep, with double sink with hot and cold water and garbage disposal, and above and below counter lockable storage cabinets with adjustable shelves.
- Two (2) above counter duplex power outlets for (OFOI) microwave oven, coffee maker, etc.
- Area for a 30" x 60" table.
- Area with electrical power for a 24 cu. ft. refrigerator with freezer (OFOI).
- Area and electrical power for an electrical range/oven (220V - OFOI), and re-circulating hood (CFCI) above.
- One (1) clock outlet.
- VOIP connection near the door.
- VCT floor finish.

3.07 PE Outside Storage:

- Storage for PE supplies and equipment.
- Direct access from outside play area.
- Ceiling height 10'.
- Sealed concrete floor finish.

3.08 Student Store:

- Direct access from outside play area.
- Dutch door with 9" shelf.
- One (1) intercom speaker.
- One (1) each data, duplex power and VOIP outlets.
- LVT floor finish.

3.09 Safe Key Office:

- Direct access from MPR.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) each data, duplex power and VOIP outlets.
- One (1) clock outlet.
- Carpet finish floor.

3.10 Kitchen Area:

- **KITCHEN SPACE REQUIREMENTS FURNISHED PER ARCHITECT'S KITCHEN CONSULTANT, AND APPROVED BY THE CCSD CAPITAL PROGRAM OFFICE IN COORDINATION WITH FOOD SERVICES.**
- Kitchen must be secured from the rest of the school. Food Services controls access.
- If roll-up doors, grilles, shutters, etc. are utilized, they should be manually operated and controlled only on the Kitchen side.
- Coordinate OFCI equipment/components with CCSD PM/Food Services.
- Fiber reinforced plastic panel wall finish around the kitchen serving window, on the MPR side of the wall.
- 4' wide exterior kitchen door, with peephole at 48" A.F.F. and adjacent doorbell button on the outside.
- Air curtain fan at the exterior door, per Southern Nevada Health Department requirements.
- Hand-sinks per Southern Nevada Health Department requirements.
- Soap dispensers (OFOI) at hand sinks.
- Walk-In Cooler.
- Kitchen Manager's desk area for a 36"x72" desk.
- Data and duplex power outlets: One located at the desk area and one each located by POS station(s).
- Two (2) VOIP connections, one located near the desk area and one located 96-inches AFF at associated ringer mounted on a wall in the Kitchen.
- One (1) wall safe near the Manager's desk.
- Clock/intercom with call button.
- Urethane resin floor finish.

3.10.1 Kitchen Storage:

- **Direct access from kitchen.**
- **Urethane resin floor finish.**

4 KINDERGARTEN CENTER:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
4.01	Kindergarten Classrooms	6	1,200	7,200
4.01.1	Restrooms	12	60	720
4.01.2	Storage Rooms	12	50	600
4.02	Early Childhood Classroom	1	800	800
4.02.1	Restroom	1	60	60
4.02.2	Storage Room	1	50	50
4.03	Pre-K Classroom	1	800	800
4.03.1	Restroom	1	60	60
4.03.2	Storage Room	1	50	50
4.04	Custodial Storage	1	80	80
Sub-Total:				10,420

REQUIREMENTS:

4.01 Kindergarten Classrooms:

- Easy access to outside kindergarten play area.
- Design rooms to be divisible in the future with bulkhead/soffit to attach top of future demountable partition.
- Each half of the room to include:
 - Built-in counter in each half of the room, 6' long, 24" deep, 26" A.F.F., with sink and gooseneck faucet, and under counter storage cabinet.
 - Above counter duplex power outlet.
 - One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate panel on wall behind.
 - Two (2) 4' x 8" tack boards, 1'-10" A.F.F. to the bottom edge of the board, locate near main entrance for each half of the room.
 - One (1) 4' x 8" marker board, 1'-10" A.F.F. to the bottom edge of the board, located at the front of each half of the room.
 - Student data and associated power outlets located at one location in each half of the room, but not under the tack or marker boards.
 - One (1) Interactive ultra-short-throw projector centered above the marker board, connected to the 4 speaker sound system.
 - One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
 - VOIP connection to be placed at each teacher location, 46" A.F.F..
 - One (1) clock/intercom unit with call button near the entrance door to each half of the room.
 - One (1) coat rack with 3' wide double shelf and 16 coat hooks, at 48" A.F.F. to the center of rack.
 - Two-thirds carpet floor finish and one-third LVT floor finish around the sink cabinets and drinking fountains.
- Avoid placing any ceiling fixture where future partition could be constructed.

4.01.1 Restrooms:

- Two (2) per classroom
- Easy access from both halves of the classroom.
- Each restroom to contain:
 - One (1) toilet (15" A.F.F.)
 - One (1) lavatory (24" A.F.F.)
 - Single-prong robe hook on the door.
 - Soap dispenser (OFOI).
 - Rolled paper tower dispenser (OFOI).
 - Roll-type toilet paper dispenser (OFOI).
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

4.01.2 Storage Rooms:

- Storage of books and supplies.
- One (1) storage room per each half of the room.
- Sealed concrete floor finish.

4.02 Early Childhood Classroom:

- Easy access to outside kindergarten play area.
- Built-in counter, 6' long, 24" deep, 26" A.F.F., with sink and gooseneck faucet, and under counter storage cabinet.
- Above counter duplex power outlet.
- One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate panel on wall behind.
- Two (3) 4' x 8" tack boards, 1'-10" A.F.F. to the bottom edge of the board.
- One (1) 4' x 8" marker board, 1'-10" A.F.F. to the bottom edge of the board.
- Student data and associated power outlets located at one location, but not under the tack or marker boards.
- One (1) Interactive ultra-short-throw projector centered above the marker board, connected to the 4 speaker sound system.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- VOIP connection to be placed at the teacher location, 46" A.F.F.
- One (1) clock/intercom unit with call button near the entrance door.
- One (1) coat rack with 3' wide double shelf and 16 coat hooks, at 48" A.F.F. to the center of rack.
- Two-thirds carpet floor finish and one-third VCT floor finish around the sink cabinet and drinking fountain.

4.02.1 Restroom:

- Easy access from the classroom.
- One (1) toilet (12" A.F.F.)
- One (1) lavatory (19" A.F.F.)
- Single-prong robe hook on the door.
- Soap dispenser (OFOI).
- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispenser (OFOI).
- Fiber reinforced laminate panel wall finish (up to 6' A.F.F. and epoxy floor finish).

4.02.2 Storage Room:

- **Storage of books and supplies.**
- **Sealed concrete floor finish.**

Pre-K Classroom:

- Easy access to outside kindergarten play area.
- Built-in counter, 6' long, 24" deep, 26" A.F.F., with sink and gooseneck faucet, and under counter storage cabinet.
- Above-counter duplex power outlet.
- One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate panel on wall behind.
- Two (2) 4' x 8" tack boards, 1'-10" A.F.F. to the bottom edge of the board.
- One (1) 4' x 8" marker board, 1'-10" A.F.F. to the bottom edge of the board.
- Student data and associated power outlets located at one location, but not under the tack or marker boards.
- One (1) Interactive ultra-short-throw projector centered above the marker board, connected to the 4 speaker sound system.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- One (1) VOIP connection to be placed at the teacher location, 46" A.F.F.
- One (1) clock/intercom unit with call button near the entrance door.
- One (1) coat rack with 3' wide double shelf and 16 coat hooks, at 48" A.F.F. to the center of rack.
- Two-thirds carpet floor finish and one-third LVT floor finish around the sink cabinet and drinking fountain.

4.02.3 Restroom:

- Easy access from the classroom.
- One (1) toilet (11" A.F.F.)
- One (1) lavatory (19" A.F.F.)
- Single-prong robe hook on the door.
- Soap dispenser (OFOI).
- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispenser (OFOI).
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

4.02.4 Storage Room:

- Storage of books and supplies.
- Sealed concrete floor finish.

4.04 Custodial Storage:

- Mop sink with hot and cold water, and mop rack. Provide fiber reinforced plastic (FRP) wainscot on both sides when walls are drywall type.
- Sealed concrete floor finish.

5 LEARNING CENTERS – Grades 1 - 5:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
5.01	Classrooms – Grades 1-2	17	900	15,300
5.02	Classrooms – Grade 3	7	900	6,300
5.03	Classrooms – Grades 4-5	9	900	8,100
5.04	Flexible Learning Areas	2	1,600	3,200
5.04.1	Storage	2	150	300
5.05	Boys’ Restrooms	4	200	800
5.06	Girls’ Restrooms	4	200	800
5.07	Family Restroom	4	60	240
5.08	Women’s Restrooms	1	120	120
5.09	Men’s Restrooms	1	120	120
5.10	Storage Rooms	4	225	900
5.11	Custodial Storage	2	160	320
Sub-Total:				36,500

REQUIREMENTS:

5.01 Classrooms – Grades 1-2:

5.02 Classrooms – Grade 3:

5.03 Classrooms – Grades 4-5:

- All classrooms for all grades will have the same space and furnishing requirements.
- Built-in 6' wide, 30" A.F.F. counter with sink with gooseneck faucet, in the back of each classroom opposite the entrance door.
- One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate finish on wall behind.
- Two (2) 4' x 8' wall mounted tack boards, 2'-7" A.F.F. to the bottom edge of the board.
- Three (3) (unlined) 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- One (1) VOIP connection located near the teacher station at 46" A.F.F.
- Data and duplex power outlets for student use at a single location, but not under the boards.
- Sound system with 4 ceiling speakers. Microphones to work only with the room sound system.
- One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.
- One (1) clock/intercom unit, with call button.
- One (1) double-shelf coat rack with 32 hooks, at 48" A.F.F. to the center of the rack.
- Carpet floor finish, except for a 2 feet wide strip of VCT at front and side of the built-in counter.

5.04 Flexible Learning Areas:

- Multi-function space for hands-on learning and computer work.
- One (1) Flexible Learning Area to be placed near the Administrative Center, for use after-hours.
- The other Flexible Learning Area to be placed next to the STEM classroom.
- One (1) single space now, but divisible into two similar halves provided with identical features.
- Each half to have its own room signage.
- Manual – accordion-type - operable wall to divide the Flexible Learning Area into two (2) rooms with and STC of 39+/-.
- Each half of the area to contain:
 - Built-in 6' wide, 30" A.F.F. counter with sink with gooseneck faucet.
 - Two (2) 4' x 8' wall mounted tack boards, 2'-7" A.F.F. to the bottom edge of the board.
 - Three (3) (unlined) 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.
 - One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
 - One (1) VOIP connection located near the teacher station at 46" A.F.F.
 - Data and duplex power outlets for 32 students, including floor flush mounted boxes for data and power on each side of the operable wall.
 - Sound system with 4 ceiling speakers.
 - One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.
 - One (1) clock/intercom unit, with call button.
 - One (1) double-shelf coat rack with 32 hooks, at 48" A.F.F. to the center of the rack.
 - Carpet floor finish, except for a 2 feet wide strip of VCT at front and side of the built-in counter.

5.04.1 Storage Room:

- Use for storage of furniture and equipment required by various functions.
- Provide supply and return air.
- Sealed concrete floor finish.

5.05 Boys' Restrooms:

- Lavatories at entrance separate from the water closets/urinals area. Lavatories area to have acoustical ceiling.
- Plumbing fixtures quantity per code.
 - Toilets (15" A.F.F.) + ADA Toilet (17" A.F.F.)
 - Lavatory (30" A.F.F.)
- Shatter-proof mirrors.
- Soap dispensers (OFOI).
- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispensers (OFOI).
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

5.06 Girls' Restrooms:

- Lavatories at entrance separate from the water closets/urinals area. Lavatories area to have acoustical ceiling.
- Plumbing fixtures quantity per code.
 - Toilets (15" A.F.F.) + ADA Toilet (17" A.F.F.)
 - Lavatory (30" A.F.F.)
- Shatter-proof mirrors.
- Soap dispensers (OFOI).
- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispensers (OFOI).
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

5.07 Family Rest Room:

- ADA accessible, one-person use.
 - Toilet (17" A.F.F.)
 - Lavatory (30" A.F.F.)
- Toilet accessories:
 - Soap dispenser (OFOI).

- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispenser (OFOI).
- Sanitary napkin dispenser/disposal.
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

5.08 Women's Staff Restroom:

- ADA accessible.
- Plumbing fixtures quantity per code.
- Toilet accessories:
 - Soap dispenser(s) (OFOI).
 - Rolled paper tower dispenser (OFOI).
 - Roll type toilet paper dispenser(s) (OFOI).
 - Sanitary napkin dispenser/disposal(s).
 - Shatterproof Mirrors.
 - One (1) single-prong clothes hook mounted on inside of water closet doors.
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall and epoxy floor finishes.

5.09 Men's Staff Restroom:

- ADA accessible.
- Plumbing fixtures quantity per code.
- Toilet accessories:
 - Soap dispenser(s) (OFOI);
 - Rolled paper tower dispenser (OFOI).
 - Roll type toilet paper dispenser(s) (OFOI);
 - Shatterproof Mirrors.
 - One (1) single-prong clothes hook mounted on inside of water closet doors.
- One (1) intercom speaker.
- Fiber reinforced laminate panel wall and epoxy floor finishes.

5.10 Storage Rooms:

- Easy access from classrooms.

- Storage of books and supplies.
- Provide supply and return air.
- Sealed concrete floor finish.

5.11 Custodial Storage:

- Mop sink with hot and cold water, and mop rack. Provide fiber reinforced plastic (FRP) wainscot on both sides when walls are drywall type.
- Sealed concrete floor finish

6 SPECIAL PROGRAMS CENTER:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
6.01	Literacy Specialist Office	1	150	150
6.02	G.A.T.E. Classroom	1	500	500
6.03	Literacy Classroom	1	500	500
6.04	Resource Rooms	2	500	1,000
6.05	Art Classroom	1	900	900
6.05.1	Kiln Room	1	90	90
6.05.2	Storage Room	1	40	40
6.06	Special Ed Classrooms	2	900	1,800
6.06.1	Hallway	1	60	60
6.06.2	Rest Rooms	1	60	60
6.06.3	Storage Rooms	2	60	120
6.07	Music Classroom	1	990	990
6.07.1	Music Storage	1	100	100
6.08	Physical Education Classroom (PE)	1	1,200	1,200
6.08.1	PE Storage	1	150	150
6.09	STEM Classroom	1	960	960
6.09.1	STEM Prep/Storage	1	100	100
Sub-Total:				8,720

REQUIREMENTS:

6.01 Literacy Specialist Office:

- Relate to Administrative Center.
- One (1) 4' x 4' tack board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) 4' x 4' marker board, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) VOIP connection.
- One (1) Clock/intercom with call button near the entrance.
- Carpet floor finish.

6.02 G.A.T.E. Classroom:

- Relate to Administrative Center.
- One 6' built-in counter, 30" A.F.F., 24" deep, with sink, goose neck faucet, above counter power, and under counter storage cabinet.
- Two (2) 4' x 8' tack boards at 2'-7" A.F.F. to the bottom edge of the board.
- Two (2) 4' x 8' marker boards at 2'-7" A.F.F. to the bottom edge of the board.
- One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.
- Sound system, with 4 ceiling speakers.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- VOIP connection at the teacher station.
- Data and duplex power outlets for 21 students.
- One (1) Clock/intercom with call button.
- One (1) double-shelf coat rack, with 24 hooks (48" A.F.F. to center of rack).
- Carpet floor finish, except for a 2' wide strip of LVT in front of the sink counter.

6.03 Literacy Classroom:

- **Relate to Administrative Center and Special Ed.**
- **One (1) 6' built-in counter, 30" A.F.F., 24" deep, with sink, goose neck faucet, above counter power, and under counter storage cabinet.**
- **Two (2) 4' x 8' tack boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **Two (2) 4' x 8' marker boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.**
- **Sound system, with 4 ceiling speakers.**
- **One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.**
- **One (1) VOIP connection at the teacher station.**
- **Data and duplex power outlets for 10 students.**
- **One (1) Clock/intercom with call button.**
- **One (1) double-shelf coat rack, with 24 hooks at 48" to center of rack.**
- **Carpet floor finish, except for a 2' wide strip of LVT in front of the sink counter.**

6.04 Resource Rooms:

- **Placed in two different areas of the school.**
- **One (1) 6' built-in counter, 30" A.F.F., 24" deep, with sink, goose neck faucet, above counter power, and under counter storage cabinet.**
- **Two (2) 4' x 8' tack boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **Two (2) 4' x 8' marker boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.**
- **Sound system, with 4 ceiling speakers.**
- **One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.**
- **One (1) VOIP connection at the teacher station.**
- **Data and duplex power outlets for 10 students.**
- **One (1) Clock/intercom with call button.**
- **One (1) double-shelf coat rack, with 24 hooks at 48" A.F.F. to center of rack.**

- **Carpet floor finish, except for a 2' wide strip of LVT in front of the sink counter.**

6.05 Art Classroom:

- **Relate to Student Activity Center.**
- **Direct connection to outside.**
- **Provide natural light.**
- **Provide direct exhaust to the outside.**
- **One (1) 8' counter, 30" A.F.F., 24" deep, with two sinks, with 18" fiber reinforced laminate panel back splash above the counter, above counter power and under counter storage cabinets.**
- **One (1) deep sink, to be provided with clay trap, gooseneck faucet.**
- **One (1) ADA accessible sink, 9" deep, with gooseneck faucet.**
- **Two (2) 4' x 8' tack boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **Two (2) 4' x 8' marker boards at 2'-7" A.F.F. to the bottom edge of the board.**
- **One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.**
- **Sound system, with 4 ceiling speakers.**
- **One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.**
- **One (1) VOIP connection at the teacher station.**
- **One (1) Clock/intercom unit with call button.**
- **LVT floor finish.**

6.05.1 Kiln Room:

- **Direct access from the Art Classrooms and to the outside.**
- **One (1) 208 volt single phase outlet for and electric kiln.**
- **Ventilation and exhaust to meet code.**
- **Sealed concrete floor finish.**

6.05.2 Storage Room:

- **Direct access from the Art Classroom.**
- **Storage of art supplies.**
- **Sealed concrete floor finish.**

6.06 Special Ed Classrooms:

- **Relate to Kindergarten and Administrative centers.**
- **The two Special Ed classrooms will have access to the same restroom.**
- **Each classroom to have the following features:**
 - **One (1) 6' built-in counter, 30" A.F.F., 24" deep, with sink, gooseneck faucet, above counter power outlet, and under counter storage cabinet, located at the back of the room.**
 - **Separate ware-washing sink (34" A.F.F.) with cold and instant hot (110° – 120° F) water, located minimum 18" from hand wash sink with signage to warn against hand-washing.**
 - **One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate panel on wall behind.**
 - **Two (2) 4' x 8' tack boards at 1'-10" A.F.F. to the bottom edge of the board.**
 - **Three (unlined) 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.**
 - **One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.**
 - **One (1) VOIP connection located near the teacher station at 46" A.F.F.**
 - **Data and duplex power outlets for student use at a single location, but not under the boards.**
 - **Sound system with 4 ceiling speakers.**
 - **One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.**
 - **One (1) Clock/intercom unit, with call button.**
 - **One (1) double-shelf coat rack with 16 hooks at 48" A.F.F. to center of the rack.**
 - **Two-thirds carpet floor finish and one-third LVT floor finish around the sink cabinet and drinking fountain.**

6.06.1 Hallway:

- **Common access from both classrooms to the Rest Room.**
- **Area for washer and dryer, with associated hot and cold water, electrical power, drain, and dryer exhaust vent direct to the outside.**
- **LVT floor finish.**

6.06.2 Rest Room:

- Easy access from both Special Ed classrooms.
- One (1) toilet, 15" A.F.F.
- One (1) lavatory, 30" A.F.F.
- Provisions should be made within the room for incontinent students.
- One (1) collapsible 34" A.F.F. changing table.
- Soap dispenser (OFOI).
- Rolled paper tower dispenser (OFOI).
- Roll-type toilet paper dispenser (OFOI).
- Fiber reinforced laminate panel wall finish and epoxy floor finish.

6.06.3 Storage Room:

- Direct access from the Classroom.
- Sealed concrete floor finish.

6.07 Music Classroom:

- Direct access to the MPR platform.
- Built-in 6' wide, 30" A.F.F. counter with sink with gooseneck faucet, above counter power outlet, and under counter storage cabinet.
- One (1) wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate on wall behind.
- Two (2) 4' x 8' wall mounted tack boards, 2'-7" A.F.F. to the bottom edge of the board.
- Three (3) (unlined) 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- VOIP connection located near the teacher station at 46" A.F.F.
- Data and duplex power outlets for student use at a single location, but not under the boards.
- Sound system with 4 ceiling speakers.
- One (1) Interactive ultra-short-throw projector centered above a marker board at the middle of the teaching wall, connected to the 4 speaker sound system.
- One (1) clock/intercom unit, with call button.
- One (1) double-shelf coat rack with 32 hooks, at 48" A.F.F. to the center of the rack.
- Carpet floor finish, except for a 2 foot wide strip of LVT at front and side of the built-in counter and drinking fountain.

6.07.1 Music Storage:

- Direct double-door (no mullion) access from the classroom.
- Storage for musical instruments, books and supplies.
- Sealed concrete floor finish.

6.08 Physical Education Classroom:

- **Relate to Student Activity Center:**
- **Direct access to inside corridor and to the outside.**
- **Provide accommodations for future room divisibility, including separate access for each half of the room.**
- **Provide in each half of the room a built-in 6' wide, 2' deep, 30" A.F.F. counter with sink with gooseneck faucet, above counter power outlet, and under counter storage cabinet.**
- **Provide in each half of the room one wall-mounted drinking fountain, with spout 30" A.F.F. near the counter. Fiber reinforced laminate on wall behind.**
- **Provide in each half of the room one 4' x 8' wall mounted tack board, 2'-7" A.F.F. to the bottom edge of the board.**
- **Provide in each half of the room one 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.**
- **One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.**
- **One (1) VOIP connection located near the teacher station at 46" A.F.F.**
- **Data and duplex power outlets for student use at a single location, but not under the boards.**
- **Sound system with 4 ceiling speakers.**
- **One (1) clock/intercom unit with call button in each half of the room, located near the entrance for each half of the room.**
- **One (1) double-shelf coat rack in each half of the room, with 32 hooks, at 48" A.F.F. to the center of rack.**
- **Carpet floor finish, except for a 2 foot wide strip of LVT at front and side of the built-in counters and drinking fountains.**

6.08.1 PE Storage:

- **Direct double-door (no mullion) access from the PE classroom.**
- **Sealed concrete floor finish.**

6.09 STEM (Science-Technology-Engineering-Math) Classroom:

- Multi-function space for hands-on learning and computer work.
- Related to Learning centers, and next to one of the Flex Learning Areas.
- Natural light.
- 20'-0" built-in counter, 24" deep, 30" A.F.F., with two (2) sinks, with gooseneck faucet, above counter power outlets, and under and above counter storage cabinets.
- Special ventilation and fresh air for containment of smell.
- Two (2) 4' x 8' wall mounted tack boards, 2'-7" A.F.F. to the bottom edge of the board.
- Three (3) (unlined) 4' x 8' marker boards, 2'-7" A.F.F. to the bottom edge of the board.
- One (1) teacher station with wall-mounted media center at 46" A.F.F. with AV connection ports and controls.
- One (1) VOIP connection located near the teacher station at 46" A.F.F.
- Data and duplex power outlets for students use at a single location, but not under the boards.
- Sound system with 4 ceiling speakers.
- Short-throw projector above an unlined marker board at the center of the teaching wall, connected to the 4 speaker sound system.
- One (1) clock/intercom unit, with call button.
- One (1) double-shelf coat rack with 32 hooks, at 48" A.F.F. to center of rack.
- LVT floor finish.

6.09.1 STEM Storage:

- Direct access from the classroom.
- Sealed concrete floor finish.

7 MAINTENANCE AND OPERATIONS*:

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
7.01	Mechanical/Maintenance Area	1	800	800
7.02	Electrical Room	1	240	240
7.03	Riser Room	1	30	30
7.04	Custodial/Storage Room	1	150	150
7.05	Equipment Room (ER)	1	480	480
7.06	Telecommunication Rooms (TR)	4**	100	400
Sub-Total:				2,100

*** Actual space sizes will be determined during design.**

****Actual number of TR's will be determined during design.**

8 **OUTSIDE AREAS:**

	Name/Type of Space	Qty.	Area Each (SF)	Area Sub-Total (SF)
8.01	Kindergarten Play Areas			
8.01.1	Play Equipment Area	1	2,250	2,250
8.01.2	Asphalt Play Area	1	6,000	6,000
8.01.3	Turf Play Area	1	6,000	6,000
8.02	Primary and Intermediate Play Area			
8.02.1	Play Equipment Area	2	10,000	20,000
8.02.2	Asphalt Play Area	1	100,000	100,000
8.02.3	Turf Play Area	1	100,000	100,000
8.03	Bike Rack Enclosure	1	2,000	2,000
8.04	Botanical Learning Area	1	900	900
Sub-Total:				237,150

8.01 Kindergarten Play Areas:

- Accessible direct from the Kindergarten, Pre-K and Early Childhood area.
- Direct gated, locked and controlled access from the public area, to allow drop-off and pick-up by parents.
- Area to be separated from the other play areas and from the public area by 6' high fences.
- Provide 3-bubbler drinking fountain 30" A.F.F.

8.01.1 Play Equipment Area:

- Provide one (1) play equipment system for kindergarten age.
- The area of the play equipment to be provided with "safety fall surface".
- Provide fabric shade structure over playground equipment, with min. 6' clearance between the play equipment and structural supports.



8.01.2 Asphalt Play Area:

- One (1) 30' x 30' metal shade structure.



8.01.3 Turf Play Area:

- Sod type to allow year round use of the area by students.

8.02 Primary and Intermediate Play Areas:


- Area to be separated from the Kindergarten play areas and from the public areas by 6' high fences.
- Provide 3-bubbler drinking fountain 30" A.F.F.

8.02.1 Play Equipment Area:

- Provide two (2) play equipment systems, one for primary grades and one for intermediate grades.
- The areas of the play equipment to be provided with "safety fall surface".
- Provide fabric shade structures over playground equipment, with min. 6' clearance between the safety fall surface and structural supports.



8.02.2 Asphalt Play Area:

- 
- Two (2) 30' x 30' prefabricated metal shade structures, one for primary grades and one for intermediate grades.
 - Four (4) primary and four (4) intermediate 10' outside diameter tetherball courts.
 - Four 74' x 50' basketball courts, with double ring rims on basketball backboards. Install 4 rims at 9' A.F.F. and 4 rims at 10' A.F.F.

8.02.3 Turf Play Area:

- One (1) softball playfield, with backstop with safety wings fence.
- The entire field will be sod, to allow soccer activities, when needed.
- Sod type to allow year round use of the area by students.

8.03 Bike:

- Placement near the main access to the school.
- Enclosure for bicycles, with 8' high chain link fence around and lockable gate(s). Include a chain link cover for security while allowing surveillance viewing.
- Bike racks, with 2 points of contacts for each bike. Maximum quantity to fill space allowing aisles.

8.04 Botanical Learning Area:

- Provide an exterior outdoor learning area/garden near the Turf Play Area for botanical classroom learning.
- Garden area in a location that receives 8 hours minimum of sun per day.
- Minimum of 18 planting beds, 4 feet x 8 feet x 12 inches high, constructed of 4x4 untreated redwood or loose-stacked concrete landscape blocks.
- Provide decomposed granite aisles between beds.
- Include space for a harvesting table.
- Locate an instructional area near the beds with shaded seating / benches.
- Include top soil and irrigation to grow standard garden edible items, i.e. corn, potatoes, tomatoes, etc.
- Provide one irrigation hose bib / quick-connect.

