

Agenda  
Farmington High School Building Committee  
Special Meeting  
Wednesday, January 4, 2017  
Farmington High School Library  
4:30 PM

- A. Call to Order.
  - B. Public Comment.
  - C. Minutes.
    - 1) To approve the attached December 14, 2016 minutes. **(Attachment 1)**
  - D. Reading of Communications and Written Appeals
    - 1) Beth Kintner- Ideas/Suggestions for Tours & Videos for FHS Project **(Attachment 2)**
    - 2) Stella Deluca- Correspondence to FHS Building Committee **(Attachment 3)**
    - 3) Stella Deluca- Comments from Tour/Community Meeting **(Attachment 4)**
  - E. Reports/Updates.
    - 1) Architect Report (Dominov)
    - 2) Owner's Representative Report (Sklenka)
    - 3) Construction Manager Report (Biega)
    - 4) Financial Report (Eagen)
    - 5) Educational Specifications (Greider)
      - a. Educational Specifications for Farmington High School **(Attachment 5)**
      - b. Educational Specifications for Farmington Public Schools Central Office Administration **(Attachment 6)**
  - F. To approve the attached invoice from Daniel Hansen, Educational Consultant in the amount of \$7,425. **(Attachment 7)**
  - G. To review the final concept designs from Kaestle Boos Associates.
  - H. Other Business.
  - I. Adjournment.
- cc: Committee Members  
Paula Ray, Town Clerk  
Interested Parties

Minutes  
Farmington High School Building Committee  
Wednesday, December 14, 2016

**Present:**

William Wadsworth  
Justin Bernier  
Hilary Donald  
Dan Kleinman  
Johnny Carrier  
Jean Baron  
Mecheal Hamilton

Kathy Eagen, Town Manager  
Kathy Greider, Superintendent  
Tim Harris, Dir. Of School Facilities  
Meredith Trimble, Town Council Liaison  
Bill Silva, High School Principal  
Kathryn Howroyd, Clerk of the Committee  
Vincent La Fontan, School Business Manager  
Chuck Boos, Kaestle Boos Associates  
Paul Dominov, Kaestle Boos Associates  
Enrico Chiarillo, Kaestle Boos Associates  
Luke McCoy, Kaestle Boos Associates  
Marc Sklenka, Colliers International  
Scott Pellman, Colliers International  
Ken Biega, O&G Industries, Inc.

**Absent:**

Russ Arnold, Director of Public Works

**A. Call to Order.**

The chair called the meeting to order at 4:30 p.m.

**B. Public Comment.**

Sharon Mazzochi, 10 Candlewood Drive, is an abutting property owner and she would like additional information regarding distance to the property line from the school and the bus route on the new site concepts.

Tim Kelly, 62 Westview Terrace, Unionville, explained that a main objective of the project is to alleviate the ADA concerns. He is requesting information on how many students are currently in wheelchairs at Farmington High School.

Pam Fisher, 5 Jules Court, Unionville, expressed some concerns with the educational specifications in regards to the band room and the storage of the 32 school owned string instruments. She said that in the proposed plans, instruments are stored in a locker outside of the classroom. String instruments are temperamental with weather and she is concerned if they are placed near public entrances they will be exposed to the varying temperatures.

**C. Minutes.**

- 1) To approve the attached December 7, 2016 minutes.**

Minutes are considered DRAFT until approved at next meeting.

Upon a motion made and seconded (Baron/Kleinman) it was unanimously VOTED: to approve the December 7, 2016 minutes.

**2) To approve the attached December 8, 2016 minutes-Community Meeting.**

Upon a motion made and seconded (Baron/Kleinman) it was unanimously VOTED: to approve the December 8, 2016 minutes

**D. Reading of Communications and Written Appeals**

**1) Nora Benanti- Correspondence.**

A copy of the correspondence is recorded with these minutes as Agenda Item D-1.

**E. Reports/Updates.**

**1) Architect Report (Dominov)**

Paul Dominov, Kaestle Boos Associates, reported that after a series of meetings with the State of Connecticut, it was determined that "Option A" would not meet the status requirements from the State to become a "renovate-as- new" project. The existing high school facility does not have 75% that is 30 years or older, a requirement to meet "renovate-as-new" status.

**2) Owner's Representative Report (Sklenka)**

Marc Sklenka, Colliers International, provided the committee with an Owner's Project Manager Report and reviewed the contents of the report. A copy of this report is recorded with these minutes as Agenda Item E-2.

**3) Construction Manager Report (Biega)**

Ken Biega, O&G Industries, Inc. reported that O&G met with Colliers and Kaestle Boos to begin a phasing plan for each of the options. He informed the committee that during the school's holiday break he will walk to building to prepare for the cost estimates that will begin in January.

**4) Financial Report (Eagen)**

No Report.

**5) Educational Specifications (Greider)**

Bill Silva, High School Principal, reported that the educational specifications were presented to the Board of Education on December 12, 2016. The educational specifications will receive their second reading at the Special Board of Education meeting on December 19, 2016 at 7:00 p.m.

**F. To authorize the Town Manager to sign an agreement with \_\_\_\_\_ for Geotechnical Engineering Services in the amount of \$\_\_\_\_\_.**

Minutes are considered DRAFT until approved at next meeting.

Scott Pellman, Colliers International, summarized his review of the proposals that included: a confirmation of the scope of work, past performance evaluation and background/reference due diligence check of the firms that submitted a proposal for Geotechnical Engineering Services. He recommended GNCB Consulting Engineers, P.C. to be the selected firm. A copy of the bid tabulation is recorded with these minutes as Agenda Item F.

Upon a motion made and seconded (Carrier/Baron) it was unanimously VOTED: to authorize the Town Manager to sign an agreement with GNCB Consulting Engineers, P.C. for Geotechnical Engineering Services in the amount of \$11,700 (maximum price).

- G. To authorize the Town Manager to sign an agreement with \_\_\_\_\_ for Hazardous Materials Building Inspection in the amount of \$\_\_\_\_\_.**

Scott Pellman, Colliers International, summarized his review of the proposals that included: a confirmation of the scope of work, past performance evaluation and background/reference due diligence check of the firms that submitted a proposal for Hazardous Materials Building Inspection, Phase I ESA, Testing, Estimating & Reports. He recommended ATC Group Services LLC to be the selected firm. A copy of the bid tabulation is recorded with these minutes as Agenda Item G.

Upon a motion made and seconded (Bernier/Carrier) it was unanimously VOTED: to authorize the Town Manager to sign an agreement with ATC Group Services LLC for Hazardous Materials Building Inspection in the amount of \$23,250.

- H. To approve the attached invoice from Kaestle Boos Associates in the amount of \$8,920.**

Upon a motion made and seconded (Baron/Carrier) it was unanimously VOTED: to approve the invoice from Kaestle Boos Associates in the amount of \$8,920.

- I. To approve the attached invoice from Colliers International in the amount of \$7,882.**

Upon a motion made and seconded (Kleinman/Carrier) it was unanimously VOTED: to approve the invoice from Colliers International in the amount of \$7,882.

- J. To discuss and review the three (3) draft conceptual options.**  
The committee had general discussion regarding the three conceptual options. The main concerns include:

- Impact of no longer having the renovate-as-new option

Minutes are considered DRAFT until approved at next meeting.

- Eligible expenses vs. ineligible expenses-repurposing of areas for different program needs
- Areas of the school that are still under municipal bond (2003 addition)
- Explore options to maximize space (and reimbursement) in 2003 addition.
- Further clarification for rooms such as the "Edge Studio" and "Friends Room." These terms aren't commonly known by the public.
- Explore options for more parking
- Explore options for community space or community conference rooms (if there is additional space).
- Buffering for the abutting neighborhood, especially in the new building option
- Additional traffic into the surrounding neighborhoods. Additional exit can be used in emergency situations, as well as natural disasters (flooding, severe snow storms) when the high school is used as an emergency shelter
- Exploring another location for a new building on the site
- Explore additional options for the cafeteria in Option B
- Sprawl of the proposed building, explore other ways to condense and make the building more efficient

**K. Other Business.**

Chairman Wadsworth announced that the meeting scheduled for Wednesday, December 28, 2016 has been cancelled. The next meeting will be Wednesday, January 4, 2017 at 4:30 PM in the FHS Library. A public tour is also scheduled for 6:00 PM on January 4, 2017.

**L. Adjournment.**

Upon a motion made and seconded (Carrier/Kleinman) the meeting adjourned at 5:44 p.m.

Respectfully Submitted,

Kathryn Howroyd, Clerk of the Committee

Agenda HEM D-7

**Kathryn Howroyd**

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**From:** Kathy Eagen  
**Sent:** Monday, December 12, 2016 8:46 AM  
**To:** Nora Benanti; greiderk@fpsct.org  
**Cc:** Kathryn Howroyd  
**Subject:** RE: Letter for the High school Building Committee

Thank you for your email.  
I will forward to the Building Committee.  
Kathy Eagen

Kathleen Eagen  
Town Manager  
Town of Farmington  
860-675-2350

-----Original Message-----

**From:** Nora Benanti [mailto:nora.benanti@gmail.com]  
**Sent:** Saturday, December 10, 2016 12:01 PM  
**To:** greiderk@fpsct.org; Kathy Eagen  
**Subject:** Letter for the High school Building Committee

Superintendent Greider and Kathy Eagan.  
Would you please forward this on to the high school building committee? I was having trouble finding the right email list on the website. Thank you.

To the Building Committee,

Thank you for providing the opportunity for the community to tour the current high school facility and listen to the concepts proposed by the architect.

It has been said that a measure of a society is how it treats its most vulnerable. If this is true, I worry we in Farmington currently wouldn't measure up. We have neglected to look far down the road and see beyond the next referendum or election. As a result we now have a patchwork high school facility that doesn't meet any students needs (college prep students, technical high school students, special needs students, the list goes on). Additionally the building does not meet the needs of residents that may need to seek shelter in an emergency circumstance.

Fortunately, we have a great opportunity to turn things around. We can stop asking our students and teachers to make due and out perform in sub par circumstances.

I'm writing to voice my strong opinion to select a new build plan. Any other plan that forces the architect to keep parts of the building that are 'newer' (2003 section) doesn't do enough to solve the 'sprawl' issue and feels a lot like the patchwork, short term solutions Farmington has chosen in years past. The renovation options will also take longer and be more disruptive to students in high school during construction.

I'm excited to be a part of the Farmington community as we move towards a better solution for our students.

Thank you,  
Nora Benanti

Sent from my iPad

Agenda Item E-2



**FARMINGTON PUBLIC SCHOOLS**  
**Farmington High School Building Project**  
**Building Committee Meeting**  
**Owner's Project Manager Report**  
*December 14, 2016*

- I. Activities since November 30, 2016 (Last FHSBCM)**
  - a. Community Outreach Plan
    - i. Held First Community Presentation and Tour (08DEC16)
  - b. Issued RFP's, and received proposals, for Early Enabling Services:
    - i. Hazardous Material Investigation
    - ii. Phase I ESA
    - iii. Geotechnical Investigation
  - c. Presented DRAFT Options to the BOE (12DEC16)
  - d. First Reading of the Educational Specifications to the BOE (12DEC16)
  - e. Presented DRAFT Options to the Town Council (13DEC16)
  - f. Started conversation regarding construction phasing of Options (13DEC16)
  
- II. Upcoming Activities – Prior to the next FHBCM December 28, 2016**
  - a. 2<sup>nd</sup> reading and approval of Educational Specifications (19EC16)
  - b. Finalize Construction Phasing
  - c. Commence Early Enabling Services (Haz Mat; Geotech; Phase IESA)
  
- III. Key Upcoming Dates**
  - a. 12/14/16: FHSBCM to discuss outcome of community meeting (12/8), Board of Education (12/12) & Town Council (12/13)
  - b. 12/19/16: Board of Ed approval of Ed Spec's
  - c. 12/28/16: FHS BCM (Required?)
  - d. 12/30/16: KBA Completes Development of Options; Options issued for estimating
  - e. 1/4/17: FHS BCM; Review of Final Options
  
- IV. Questions?**



Agenda Item F

Farmington High School Geotechnical Services Bid Summary						
						12/13/2016
	Hourly Rate	Phase 1 Base Bid Geotechnical Services	Phase 2 Additional 1 Day	Phase 2 Unit Cost Per Boring	Added service	Remarks
<b>CONSULTANT</b>						
<b>GEI Consultants</b>		\$9,450.00	\$4,000.00	\$1,350.00		Private utility mark out if required would be extra
Principal	\$180.00					
Senior Project Manager	\$156.00					
Project Manager	\$138.00					
Geotech Engineer (PE)	\$112.00					
Geotech Engineer	\$96.00					
Senior Tech	\$88.00					
Staff Professional-2	\$88.00					
Staff Professional-1	\$82.00					
Tech	\$74.00					
<b>GNCB Consulting Eng.</b>		\$9,800.00	\$1,200.00	\$700.00		Possible \$2k reduction if drilling completed in 2 days
Principal	\$200.00					
Geotechnical PM	\$170.00					
Geotechnical Engineer	\$100.00					
Geotechnical Geologist	\$85.00					
Field Tech	\$75.00					
<b>Langan</b>		\$11,400.00	\$1,250.00	\$750.00		Private utility mark out if required would be extra
Principal	\$180.00					
Senior Project Personnel	\$165.00					
Project Personnel	\$155.00					
Senior Staff Engineer	\$130.00					
Staff Personnel	\$95.00					
Eng Tech	\$60.00					
Admin	\$45.00					
<b>PSI</b>		\$13,900.00	\$4,500.00	\$875.00	\$1,200.00	min. dig safe
Principal	\$145.00					
Senior Geotechnical Eng	\$145.00					
Engineering Tech	\$75.00					
<b>Terricon</b>		\$14,500.00	\$4,225.00	\$479.00		
Principal	\$190-\$220					
Senior Geotechnical Eng	\$140-\$190					
Engineer	\$100-\$130					
Engineering Tech	\$60-100					
<b>ATC</b>		\$15,900.00	\$3,650.00	\$200.00		
Principal	\$120.00					
Geotechnical Eng	\$80.00					
Engineering Tech	\$53.00					
<b>Tectonic</b>		\$16,900.00	\$3,100.00	\$900.00		
Sr. Vice President	\$205.00					
Senior Geotechnical Eng	\$165.00					
Staff Engineer	\$105.00					
Geologist	\$80.00					

FARMINGTON HIGH SCHOOL ENVIRONMENTAL BID SUMMARY											
COMPANY NAME	UNIT COST	QUANTITY	SUBTOTAL	COMPANY NAME	UNIT COST	QUANTITY	SUBTOTAL	COMPANY NAME	UNIT COST	QUANTITY	SUBTOTAL
<b>ATC</b>				<b>Eagle Environmental</b>				<b>Fuss and O'Neill</b>			
PLM Samples (949 Total)	\$ 8.50	950.00	6,175.00	PLM Samples (949 Total)	\$ 11.00	950.00	10,450.00	PLM Samples (949 Total)	\$ 9.00	950.00	8,550.00
PLM Point Counts (60 Counts)	\$ 12.00	50.00	600.00	PLM Point Counts (60 Counts)	\$ 40.00	50.00	2,000.00	PLM Point Counts (60 Counts)	\$ 16.00	50.00	800.00
TEM (20 Total)	\$ 42.00	20.00	840.00	TEM (20 Total)	\$ 50.00	20.00	1,000.00	TEM (20 Total)	\$ 45.00	20.00	900.00
<b>Subtotal</b>			<b>7,615.00</b>	<b>Subtotal</b>			<b>13,450.00</b>	<b>Subtotal</b>			<b>10,250.00</b>
Field Work, Project Management, Preparation of Report, 20 hours of meetings			13,685.00	Field Work, Project Management, Preparation of Report, 20 hours of meetings			20,275.00	Field Work, Project Management, Preparation of Report, 20 hours of meetings			22,100.00
Inspection, Testing and Coordination BID TOTAL			21,500.00	Inspection, Testing and Coordination BID TOTAL			33,725.00	Inspection, Testing and Coordination BID TOTAL			32,350.00
PHASE I ESA			1,795.00	PHASE I ESA			2,500.00	PHASE I ESA			4,000.00
acknowledged addenda				acknowledged addenda				acknowledged addenda			
<b>TOTAL BID</b>			<b>23,290.00</b>	<b>TOTAL BID</b>			<b>36,225.00</b>	<b>TOTAL BID</b>			<b>36,350.00</b>
<b>Tigh &amp; Bond</b>				<b>Terracon</b>				<b>TBD</b>			
PLM Samples (949 Total)	\$ 8.80	950.00	8,360.00	PLM Samples (949 Total)	\$ 7.00	950.00	6,650.00	PLM Samples (949 Total)	\$ -	950.00	0.00
PLM Point Counts (60 Counts)	\$ 48.25	50.00	2,412.50	PLM Point Counts (60 Counts)	\$ 22.00	50.00	1,100.00	PLM Point Counts (60 Counts)	\$ -	50.00	0.00
TEM (20 Total)	\$ 105.00	20.00	2,120.00	TEM (20 Total)	\$ 29.00	20.00	580.00	TEM (20 Total)	\$ -	20.00	0.00
<b>Subtotal</b>			<b>12,892.50</b>	<b>Subtotal</b>			<b>8,330.00</b>	<b>Subtotal</b>			<b>0.00</b>
Field Work, Project Management, Preparation of Report, 20 hours of meetings			34,107.50	Field Work, Project Management, Preparation of Report, 20 hours of meetings			44,620.00	Field Work, Project Management, Preparation of Report, 20 hours of meetings			0.00
Inspection, Testing and Coordination BID TOTAL			47,000.00	Inspection, Testing and Coordination BID TOTAL			82,950.00	Inspection, Testing and Coordination BID TOTAL			0.00
PHASE I ESA			3,000.00	PHASE I ESA			3,300.00	PHASE I ESA			0.00
acknowledged addenda				acknowledged addenda				acknowledged addenda			
<b>TOTAL BID</b>			<b>50,000.00</b>	<b>TOTAL BID</b>			<b>56,250.00</b>	<b>TOTAL BID</b>			<b>0.00</b>
<b>Langsin</b>				<b>TBD</b>				<b>TBD</b>			
PLM Samples (949 Total)	\$ 10.00	950.00	9,500.00	PLM Samples (949 Total)	\$ -	950.00	0.00	PLM Samples (949 Total)	\$ -	950.00	0.00
PLM Point Counts (60 Counts)	\$ 20.00	50.00	1,000.00	PLM Point Counts (60 Counts)	\$ -	50.00	0.00	PLM Point Counts (60 Counts)	\$ -	50.00	0.00
TEM (20 Total)	\$ 45.00	20.00	900.00	TEM (20 Total)	\$ -	20.00	0.00	TEM (20 Total)	\$ -	20.00	0.00
<b>Subtotal</b>			<b>11,400.00</b>	<b>Subtotal</b>			<b>0.00</b>	<b>Subtotal</b>			<b>0.00</b>
Field Work, Project Management, Preparation of Report, 20 hours of meetings			23,025.00	Field Work, Project Management, Preparation of Report, 20 hours of meetings			22,100.00	Field Work, Project Management, Preparation of Report, 20 hours of meetings			0.00
Inspection, Testing and Coordination BID TOTAL			34,425.00	Inspection, Testing and Coordination BID TOTAL			32,350.00	Inspection, Testing and Coordination BID TOTAL			0.00
PHASE I ESA			4,000.00	PHASE I ESA			4,000.00	PHASE I ESA			0.00
acknowledged addenda				acknowledged addenda				acknowledged addenda			
<b>TOTAL BID</b>			<b>38,425.00</b>	<b>TOTAL BID</b>			<b>36,350.00</b>	<b>TOTAL BID</b>			<b>0.00</b>

**Kathryn Howroyd**

---

**From:** BILL WADSWORTH <wawadsworth@comcast.net>  
**Sent:** Thursday, December 15, 2016 7:18 AM  
**To:** Kathryn Howroyd  
**Subject:** Fwd: Ideas/suggestions for tours & videos for FHS project

Kat

Please include correspondence

Thanks

Bill

----- Original Message -----

**From:** Beth Kintner <bethkintner12@gmail.com>  
**To:** Bill Wadsworth <WAWadsworth@comcast.net>, "Jean B. Baron" <ctbarons@comcast.net>, Kathleen Greider <greiderk@fpsct.org>  
**Cc:** Kathryn Howroyd <howroydk@farmington-ct.org>, Bill Silva <silvab@fpsct.org>, Joanne Fishman <joannef.wwpto@gmail.com>  
**Date:** December 13, 2016 at 11:06 AM  
**Subject:** Ideas/suggestions for tours & videos for FHS project

Bill, Jean, & Kathy-

Good morning!

I wanted to pass along some ideas and suggestions that I have heard in my conversations with other parents and residents about increasing public awareness for the need for major improvements at the high school:

- create a video tour, made available on the website for residents who can not make the tours being offered at the high school
- create a realistic video that gives the viewer a student's perspective of navigating through their movement from class to class on a typical day (maybe with a "Go-Pro" on the student?) and post it to the website

- alternative days/times for in-person tours. I know the Building Committee has scheduled more tours to take place over the next several weeks for those who couldn't make it to the high school last Thursday, but I believe they are all offered in the evening. Some residents have asked if there might be early morning times so they could attend before work; or for some, around 9 after their kids get off to school would be best. Perhaps a lunchtime offering would be a good time for many also, and/or possibly weekends?

I realize time and resources could be an issue with any and all of these, but I think we could all agree that there would be a real benefit to offering these options to the community.

Thank you to all of you for your hard work on this project over these past few months!

Beth

--

Beth Kintner  
860-559-8176

**Kathryn Howroyd**

---

**From:** BILL WADSWORTH <wawadsworth@comcast.net>  
**Sent:** Thursday, December 15, 2016 7:16 AM  
**To:** Kathryn Howroyd  
**Subject:** Fwd: FHS committee

Kat

Please include in correspondence

Thanks

Bill

> ----- Original Message -----

> From: Stella DeLuca <purplestar1974@yahoo.com>

> To: wawadsworth@comcast.net

> Cc: "greiderk@fpsct.org" <greiderk@fpsct.org>

> Date: November 30, 2016 at 11:25 AM

> Subject: FHS committee

>

> Good Morning,

>

> My name is Stella DeLuca. I am a resident of Farmington, I have two children in this school district and I am a graduate of FHS.

> I would have wanted to come to your Building committee meetings but not able to at that hour of the day. So I am emailing my comments in hopes they will be read....

> I had a chance to look over the architects website and portfolio. I can see educational buildings that were renovated and ones built from scratch.

> In an ideal world a new high school would be incredible but too cumbersome to finance.

> As we look at the high school today, we see how renovations and additions were handled in the past. We can remark with some criticism and thatd. Unfortunately, we have one large sprawling area with both good and bad parts.

> I do not want this process completed as another patch job.

> I would like this committee to be thoughtful in their process; bring this sprawling school together into a cohesive educational campus that will flourish in the 21st century and also grow with its populace.

>

> I am a supporter of a renovation and expansion done responsibly.

>

> (Side note)

> \*As a former student of FHS we had access to the outside as we made our way to classes. I do not know if current students have this ability?

> \*I see a former bus loop open and not being utilized as a possible expansion for a hallway connecting other parts and there is no place that can be called the, "front" of the building.

>

> I appreciate everyone's time and expertise in this project. I look forward to your insights.

>

> Thank you,

>

> Stella DeLuca

**Kathryn Howroyd**

---

**From:** BILL WADSWORTH <wawadsworth@comcast.net>  
**Sent:** Thursday, December 15, 2016 7:14 AM  
**To:** Kathryn Howroyd  
**Subject:** Fwd: Very informative meeting and tour

Kat

Please include in correspondence

Thanks

Bill

> ----- Original Message -----

> From: Stella DeLuca <purplestar1974@yahoo.com>

> To: Wadsworth <WAWadsworth@comcast.net>

> Date: December 9, 2016 at 12:58 PM

> Subject: Very informative meeting and tour

>

> Hello Sir,

>

> Thank you for the community meeting, very informative!

> First let me say, the tour guides did a great job. I took away many points from their tour.

>

> Comments:

>

> I am a supporter of a new building. But if that is not picked, option B flows better. I like that the 900 building houses admin/guidance/Alt HS/lockers. I like that the 1928 building will not hold classrooms. I am excited to see clusters introduced at the high school level and that special Ed will have space for their resource and OT, which is important to me.

>

> I would like to see a 2 level garage added which will grow with the population.

>

> Having buses and parents exit through the same funnel will be a problem. If you are able to add a second driveway out of the front.

> The Location I am thinking is, when you look at the 1928 bldg standing at rte. 4, all the way to the left, next to the stairs leading down to rte. 4, there can be a one way road leading out to route 4. You can also have a, "right turn only" sign there so no need to add a traffic light. This may help elevate congestion. If you make the driveway wide enough you MAY want to eventually make it a two way with a traffic light.

>

> Questions:

>

> If we use the 1928 bldg for BOE, would the renovations still be on the "bill" for school renovations or will it have its own referendum?

>

> When the FHS students are giving tours can you provide them with an informational half sheet that they will hand out, which will include meeting dates, contact emails, and additional information that may be helpful to take home with them.

>

> Thank you for your hard work on this!

>

> Happy Holidays and Happy New Year,

>

> ~Stella DeLuca~

>

>



Farmington, Connecticut

**EDUCATIONAL SPECIFICATIONS**

for

**Farmington High School**

**Adopted by the Farmington Board of Education on December 19, 2016**

**BOARD OF EDUCATION**

Christopher Fagan, *Chair*  
Christine Arnold, *Vice-Chair*  
William Baker  
William Beckert  
Mark Blore  
Elizabeth Fitzsimmons  
Mecheal Hamilton  
Paula O'Brien  
Ellen Siuta

**ADMINISTRATION**

Kathleen C. Greider, *Superintendent*  
Kimberly Wynne, *Assistant Superintendent*  
Vincent LaFontan, *Business Administrator*



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## I. INTRODUCTION

On April 7, 2015, the Farmington Board of Education approved a “*Statement of Need*” regarding the Farmington High School (FHS) renovation project in compliance with Farmington Town Code Section 53-2 and directed the administration to begin planning a renovation of appropriate and necessary school space to accommodate the needs identified in the document. The *Statement of Need* was developed as a result of the Farmington High School Facility Review conducted by Tecton Architects in February 2015. This review included interviews with administration, faculty and students, multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement. The Tecton study also reviewed existing and recent reports including those conducted by OCR and NEASC, as well as an Acoustic, Auditorium and School Safety Report.

On January 12, 2016 the Farmington Town Council appointed the Farmington High School Building Committee to oversee a formal review of the *Statement of Need*, prioritize those needs and develop a plan to address such needs. The Building Committee engaged Colliers International, Kaestle Boos Associates and Daniel Hansen, educational consultant, to develop these Educational Specifications in collaboration with the superintendent, district, and FHS administration and staff. The following individuals participated in specific program meetings to provide input for these educational specifications:

Tim Barron, Science teacher/Robotics coach

Kyle Bridgewater, Tech Ed teacher

Katie Buckley, Drama teacher

Martha Burr, Department Leader, Library

Jeri Chamberlain, Department Leader, World Languages

Jim Corrigan, Tech Ed teacher

Jose Fontanez, Chartwells

Evan Foreman, Audio-Visual Director

Kathleen Greider, Superintendent

Tim Harris, Director of School Facilities

Leslie Imse, Department Leader, Music

Lisa Karcinski, Assistant Principal

Vincent LaFontan, Business Administrator

Mary Lundquist, Dean of Students

Ed Manfredi, Department Leader, PE/Wellness

Andy Marshall, Technology

Margaret Mayr, Alternative School teacher

Vic Michaud, Head Custodian

Eric Misko, Athletic Trainer

Curt Pandiscio, Assistant Principal

Kristin Paye-Baker, School Nurse

Jack Phelan, Athletic Director

Caroline Presti, Math teacher

Nichole Richman, Department Leader, Social Studies

Abby Rohr, Department Leader, Special Education

Matthew Ross, Director of Technology

Veronica Ruzek, Director of Curriculum & Instruction

Julie Sawyer, Department Leader, Art

Rebecca Shomo, Department Leader, Science

Bill Silva, Principal

Laurie Singer, Director of Special Services

Brooke Stanziale, Department Leader, Counseling

Jessica Tolles, English teacher

Duane Witter, PE teacher/coach

Kimberly Wynne, Assistant Superintendent

Lori Wyrebek, Coordinator of Continuing Ed

## II. FARMINGTON PUBLIC SCHOOLS CORE DOCUMENTS

*The following Core Documents drive all of Farmington's critical decision-making and planning on behalf of Farmington's students. These documents capture the district's values and beliefs about Teaching & Learning, and therefore have been critical in the development of these Educational Specifications for Farmington High School.*

In 2010, the Farmington Board of Education adopted a set of visionary goals focused on core content knowledge as well as 21<sup>st</sup> century thinking and learning skills that would prepare all students for college, career, and citizenship in a complex global society. Farmington High School's curriculum and instructional model has been designed to ensure that all students achieve this "Vision of the Farmington Graduate" through highly engaging, challenging, and meaningful learning experiences. Classrooms are active learning communities in which students work collaboratively and use technology as a tool for learning every day. Students are encouraged to demonstrate their learning using multiple modalities making exhibitions of student work for feedback and critique a core component of the high school program. Learning has become increasingly student-centered and inquiry-based K to 12 demanding a facility in which space is designed for self-direction, collaboration, and innovation. Farmington's new logo and tagline, adopted in 2015, reflects the district's continuous improvement efforts to prepare all students for their future as "Pioneers, Scholars, Contributors and Citizens."

### MISSION AND VISION

The mission of the Farmington Public Schools is to enable all students to achieve academic and personal excellence, exhibit persistent effort and live as resourceful, inquiring and contributing global citizens.

The Farmington Public Schools believe that all students are capable of acquiring the knowledge, skills and dispositions needed for productive, ethical and responsible citizenship in an evolving world community. As an innovative learning organization, the Farmington school district is deeply committed to continuous improvement. Thus, collaborative interactions among students, educators, parents, and families emphasize the importance of clear expectations, rigorous standards-led curriculum, inspired instruction, personal effort and engaged relationships leading to high levels of achievement for all learners.

### VISION OF THE FARMINGTON GRADUATE © 2016 Farmington Public School District

#### *Farmington Graduates: Reaching Global Standards of Achievement, Leadership and Citizenship*

Farmington Public Schools' Graduates will acquire an understanding of the essential knowledge and skills in the core academic content\* and develop the thinking and learning skills needed to meet the challenges of local, national and global citizenship in a rapidly changing world.

**Critical Thinking and Reasoning:** Students access, interpret, analyze, and evaluate ideas and information, draw evidence-based conclusions, synthesize new learning with prior knowledge, and reflect critically on learning.

**Communication and Collaboration:** Students participate effectively in a variety of teams, actively listen and respond to the ideas of others, share responsibility for outcomes, articulate ideas clearly in multiple formats and use technology tools to enhance communication.

**Problem Solving and Innovation:** Students identify problems, analyze data, ask questions, utilize a variety of resources, think flexibly, make connections and seek practical, innovative and entrepreneurial solutions to a variety of problems.

**Self-direction and Resourcefulness:** Students explore interests, take initiative, set goals, demonstrate persistent effort, adapt to change with resiliency, and exhibit ethical leadership and responsible citizenship.

*\*Farmington's Core Academic Content Areas include English/Language Arts, Mathematics, Science, Social Studies, World Language, Health, Physical Education, Wellness, Music, Fine and Applied Arts.*

### FRAMEWORK FOR TEACHING AND LEARNING

The Framework for Teaching and Learning (FTL) articulates five key research-based principles for highly effective instruction. The expanded FTL document clearly describes each principle as a set of explicit expectations for

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teachers and a companion set for students. These principles drive instructional improvement efforts across the district and are used as the basis for teacher evaluation.

**Principle # 1: ACTIVE LEARNING COMMUNITY** Students learn best when they have a sense of belonging to a positive learning community in which they have regular opportunities to work collaboratively.

**Principle # 2: CHALLENGING EXPECTATIONS** Students learn best when they understand performance expectations and are individually supported in meeting challenging standards.

**Principle # 3: MEANINGFUL KNOWLEDGE** Students learn best when they see content as meaningful and organized around big ideas and questions and can transfer learning to new contexts.

**Principle # 4: PURPOSEFUL ENGAGEMENT** Students learn best when they are actively engaged in authentic learning tasks and given opportunities to construct meaning and develop understanding.

**Principle # 5: INDIVIDUAL RESPONSIBILITY** Students learn best when they make choices about and take responsibility for their own learning goals and progress.

### FARMINGTON HIGH SCHOOL DESIGN TEAM

As a result of a 2012 yearlong study of research, data, and stakeholder feedback, a Farmington High School Design Team “think tank” comprised of students, teachers, administrators, parents and BOE members published a set of recommendations for the pervasive engagement of students throughout the high school. These recommendations will be used to inform future strategic planning as follows:

1. *Accelerate Instructional Innovation*
2. *Create Student-driven Learning Pathways*
3. *Redefine Graduation Standards*
4. *Bring the World to the Student, Student to the World*
5. *Build a Continuum of Independence*
6. *Benchmark Against Global Standards*
7. *Make Achievement the Constant, Time the Variable*
8. *Design Space for Self-Direction and Collaboration*
9. *Make Learning Public*
10. *Leverage Technology as a Tool for Learning*

### A Visual Representation of the High School’s Theory of How to Engage All Learners



### III. PROJECT RATIONALE

Farmington Public Schools consist of four (4) elementary schools serving students in grades K-4; one (1) upper elementary school serving students in grades 5-6; one middle school serving students in grades 7-8; and Farmington High School serving students in grades 9-12.

#### Local Space Needs:

Farmington High School is comprised of eight distinctly different “wings” or “buildings.” The original building was built in 1928 and the average age of the other wings is 50 years old. The February 2015 Tecton Facility Report identified multiple areas of need.

#### FARMINGTON HIGH SCHOOL STATEMENT OF NEED

1. The Farmington Board of Education has engaged in a comprehensive school feasibility study with TECTON that included multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement, review of existing reports (OCR, NEASC, School Safety), focus groups with faculty, administration and students, assessment of education space needs and conceptual solutions to address needs.
2. Farmington High School’s existing square footage is 218,000 sf and with the 2016 enrollment projections from the Board of Education’s 2014 approved enrollment report requires 222,202 sf.
3. The FHS NEASC study summary highlights a need to improve travel distances for faculty and staff, improve circuitous and crowded corridors and intersecting/converging students and faculty, create informal collaboration spaces for students, faculty and staff, address building systems for a controllable interior environment and address accessibility to interior and exterior areas.
4. Several spaces at FHS do not meet ADA requirements as outlined by the OCR report issued in 2013-2014, including but not limited to the auditorium, stage, music instructional spaces, some classrooms, outdated chair lift in the weight room, media center, bathrooms, portions of 2nd and 3rd floors of 1928 building, culinary space, and outdoor athletic facilities.
5. The FHS Safety and Security Study highlights accessibility issues (23 separate entry points to building), sight line issues, public/private use of building, inadequate interior and exterior lighting levels, building orientation difficulty and various issues around the multiple additions.
6. Farmington High School (FHS) has experienced several additions over many years, with an aging 1928 building in need of significant renovation as well as several additions with an inefficient building envelope impacting energy costs and efficiencies (insulation, façade, windows-except for 900 wing) as well as aging mechanical, electrical, plumbing, fire alarm and protection building systems not in code compliance.
7. Farmington High School system energy performance is lacking with a \$393,000 cost per year and in need of a “Green Design” (new or renovated MEP systems could save an average of 35% of annual costs or 140,000 per year—could realize a 45% savings depending upon solution).
8. The auditorium (poor acoustics), cafeteria, and library are undersized, impacting high school scheduling, educational programming as well as state and federal requirements on food services.
9. The additions have primarily addressed enrollment increases, but have resulted in a very large, inefficient facility footprint impacting not only energy costs, but security, insufficient student classroom space, a need for students to travel outside the building to travel to classes (696 student cross intersection between classes 9 times per day and 1070 feet from one side of the building to another), significant hallway congestion, inadequate use of space (30% unused space), a lack of space for robotics, lack of space for whole school staff professional learning and collaboration as well as constraints on educational programming for students.
10. With current and emerging educational requirements and demands on comprehensive high schools, FHS is in need of an efficient, functional, flexible learning facility that meets state and federal requirements and serves the diverse needs of all students.
11. The current parking is inadequate and requires expansion to accommodate the school and public use of Farmington High School’s building.

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The Board, therefore, directs administration to begin planning a renovation of appropriate and necessary school space at Farmington High School to accommodate new MEP needs, educational programming needs, Connecticut school safety expectations, NEASC standards and OCR/ADA regulations not currently being addressed in their entirety:

- Increase square footage aligned to enrollment projections (see #2 above)
- Maximize square footage for educational programming (see #3, #9, #10)
- Create multiple levels to the building to address inefficient sprawl and “maze” like building to increase classroom space, space for robotics and other current and emerging learning spaces (see #3, #9, #10, and #11)
- Undersized auditorium (acoustic issues), stage cafeteria and media center (see #8)
- Address multiple ADA compliance issues (see #4)
- Address Mechanical, Equipment and Piping (MEP) code compliance issues (see #3, #6, #7)
- Address Security compliance issues (see #5)
- Address overcrowded Town Hall office space as well as off-site Farmington Alternative High School space needs (#9)

#### **LEARNING SPACES OF TOMORROW:**

The following design qualities emerged as essential elements of the ideal learning environment:

Collaboration---Technology----Engagement----Sustainability

1. Light – open spaces, visibility, connection to the outdoors, and natural light;
2. Flexibility – furniture and spaces that are multi-purpose, adaptable, moveable;
3. Independence – space that fosters persistence, self-direction, choice and curiosity;
4. Collaboration – places where students can interact and spontaneously work together, share ideas and work products
5. Reflection – furniture and spaces that offer quiet places for contemplation and introspection;
6. Creativity – a technology rich, imagination rich environment to foster a maker mindset;
8. Exhibition – public places for work in progress and final products to be displayed and presented for feedback and critique; and
9. Relationships– a school that is safe, warm, welcoming and nurturing of all learners These design qualities may be used to guide our thinking as we look forward into the future of our school facilities here in Farmington.

#### **Educational Needs:**

Farmington’s Core Documents have driven the programming meetings, which provided valuable input to these educational specifications. These specifications seek to provide educational spaces that function at a variety of scales and that create a sense of belonging for all students and staff with regular opportunities to work collaboratively. The intent is to “make every aspect of the school environment available for learning, blurring the edges between the various instructional spaces.” [*Facilities for 21<sup>st</sup> Century Learning*”; DoDEA]

The Farmington High School organizational structure offers students a wide variety of challenging, meaningful opportunities allowing for choice and personal responsibility. A critical component to the high school’s organizational structure is the 9-period daily schedule. This schedule provides the opportunity for students to take a wide variety of courses. This schedule also reduces scheduling conflicts, maximizes the use of instructional spaces, and allows for smaller class sizes. Most importantly, the 9-period day allows for all teachers to meet in collaborative teacher teams twice weekly for each course they teach. This is the highest leverage strategy for ensuring quality of curriculum, instruction, and assessment.

The future Farmington High School facility is envisioned to be used as a learning resource for curriculum, instruction and programming. Various learning kiosks, both stationary and movable, will be stationed around the facility to engage students and staff with current, relevant data about their school environment.

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**Programmatic changes within the proposed facility:**

The new Farmington High School will be organized into six (6) Learning Communities or Pods. Each Learning Community will be interdisciplinary and multi-aged rather than segregated by content area. The current media center program will be conceptually transformed as a Media Center Learning Commons, which will be the “heart” of the school with multiple spaces that encourage students and staff to explore resources and work collaboratively or independently.

These specifications offer space for a new culinary arts program, a black box theater, and on-site space for robotics and the Farmington Alternative High School Program. A companion Educational Specifications document addresses the space needs for the Central Offices, which will occupy space within the Farmington High School campus facility and thereby alleviate overcrowded spaces at the Town Hall.

**IV. THE PROJECT**

**Objective:** To ensure all Farmington children are able to attend a school that is safe, modern, compliant with current building codes and able to support their educational program; to address issues identified in the *Statement of Need*.

The following project specifications for the new Farmington High School were developed using data from the March 2016 population study conducted by Dr. Peter M. Prowda.

**School:** Farmington High School

- **Project Type:** TBD
  - Total Program Area: 183,326 square feet
  - Total Building Services: 61,415 square feet
  - Total Building Area (inside face of walls): 244,741 square feet
  - Total Gross Square Feet (outside face of walls): 271,662 square feet
- **Design Enrollment:** 1,346 students
- **Anticipated Referendum:** April 27, 2017
- **Construction Timeline:** TBD depending on project type determined

**V. ENROLLMENT AND CAPACITY DATA**

Farmington High School currently houses 1,191 students in grades 9 – 12. The design enrollment for this project is 1,346 students; the maximum eight-year projected enrollment. The enrollment also accounts for relocating approximately fifteen (15) students who participate in the Farmington Alternative High School program from an off-site location to on site.

**VI. OVERVIEW OF PROGRAMS**

Farmington High School students are required to earn 22 credits in order to graduate. Each student must complete specific courses, as well as electives, in order to graduate. The required credit distribution is listed below:

Department	Minimum Credit Requirement
English	4 Credits
Mathematics	3 Credits
Physical Education/ Health and Wellness	2 Credits
Science	3 Credits

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Social Studies/History	3.5 Credits
Vocational or Fine Art	1 Credit
World Languages	Passing the Farmington Language Standard Test (FLST) is required for graduation.

### FARMINGTON HIGH SCHOOL PROGRAM OF STUDIES

#### **Art & Technology – The Fine and Applied Arts**

The mission of the Farmington High School Fine and Applied Arts Department is to prepare students to become creative and innovative thinkers, confident in creating unique personal art and design in highly competitive real-world applications, with an awareness of contemporary visual culture and media, and a deep appreciation of contemporary, historical and global art and design. To support this mission, the department provides a rigorous and relevant curriculum that prepares students for the contemporary challenges and opportunities of post-secondary fine art programs, and the real-world design applications found in careers in the applied arts. These programs require laboratory and classroom spaces that are spacious enough to allow for collaborative work and production, each with specialized materials, equipment and storage.

#### **Business Education**

Business Education courses provide students with the skills necessary to be successful in the workplace. Courses are designed to challenge students to develop their critical thinking skills and to become self-directed learners. Students learn to navigate the relationship between consumers, workers, and citizens with an emphasis on collaboration. Students apply their acquired knowledge by engaging in activities that incorporate technology and focus on innovation and problem solving. A variety of courses are offered which provide a wide range of business topics to all students.

#### **Culinary Arts**

A new addition to the Program of Studies will be a Culinary Arts program. The Culinary Arts program space will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations. The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.

#### **English**

Aligned with Connecticut Core Standards, the Farmington High School English department program emphasizes the reciprocal nature of reading and writing and strives to fulfill the Farmington Public Schools goal that all students will demonstrate performance standards in critical thinking and reasoning and meet rigorous core academic content standards by accessing, interpreting, analyzing, and evaluating ideas and information, drawing evidence-based conclusions, synthesizing new learning with prior knowledge, and reflecting critically on learning. The department's mission is to prepare students to live meaningful lives as productive and literate citizens. To realize this mission, the department offers a rigorous and relevant curriculum that provides students with multiple and varied opportunities to read, analyze, and critique quality texts; develop the processes, traits, and craft of writing; contribute to civil discourse; and engage in individual and collaborative inquiry into the habits of effective readers and writers and the elements of quality texts. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

#### **Mathematics**

Critical thinking, analyzing, reasoning, problem solving, modeling, and communication are essential skills that are developed through the study of mathematics at the secondary level. Whether plans for the future lead toward a four-year college, a two-year college, or directly to the working world, a strong foundation in mathematics is crucial to achieving these goals. The Farmington High School Mathematics Program allows students to explore theoretical concepts of higher-level mathematics while also finding and applying concepts in the world around them. Students are encouraged to focus on successful completion of the required three years of mathematics in addition to including a senior math elective in their high school experience in order to be college and career ready. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.



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### **Music**

The mission of the Farmington High School Music Department is to improve students' abilities to communicate independently through the musical processes of performing, creating, and responding in a variety of genre and audiences. These acquired skills are apparent in reading, notating, analyzing, and evaluating music. The intent is to prepare students to become citizens who participate fully in a diverse, global society and who understand their own historical and cultural heritage and those of others, within and beyond their communities, through music. To realize this mission, the department offers a rigorous, relevant curriculum that provides students with multiple and varied opportunities to perform high quality music literature that stimulates the musical processes of creating, performing, and responding. Students analyze, question, and evaluate ideas within the musical works, assume partnership and leadership roles in the classroom and community, engage in collaborative and individual inquiry into the elements of high quality texts developing the habits of thinking musicians. The music programs and performing arts require spaces that are large enough to accommodate rehearsals and performances for up to 150 students at a time. The auditorium, stage, and Studio Theatre are used as both instructional "classroom" spaces as well as for performance venues for various audiences.

### **Science**

Farmington Public School Science program actively engages students in the practices of science and engineering in order to develop a deep understanding of the disciplinary core ideas and the crosscutting concepts. As a result, they will develop the thinking skills required to be critical consumers of scientific information related to their everyday lives, engage in public discussion on science related issues, and continue to learn about science throughout their lives. The Department's mission is to prepare students to live meaningful lives as productive and scientifically literate citizens who are prepared to meet the expectations in college and careers by becoming critical thinkers, collaborators, communicators, problem-solvers, and innovators while demonstrating self-direction and resourcefulness. The Department's curriculum is aligned to the Common Core State Standards, English Language Arts: Science and Technical Subjects and the Next Generation Science Standards. Students learn how to determine the central ideas of a technical text, follow precisely a complex procedure when carrying out experiments, analyze the relationships among key scientific terms and compare and contrast findings presented in a text to those from other sources, including their own experiments. Science classrooms are a combination of classroom space and lab space for hands-on exploration, experimentation, and collaboration. Additional space is require for lab preparation and storage of lab materials

#### **Project Lead the Way**

This is a sequence of courses which, when combined with mathematics and science courses, introduces students to the rigor and discipline of engineering. Those intending to pursue further formal education will benefit greatly from the knowledge and logical thought processes that result from taking some or all of the courses provided in the curriculum. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

### **Social Studies**

Courses in history and social studies emphasize the essential core understandings and skills necessary in order to function as an effective citizen in a democratic society and a globally interdependent world. Students are encouraged to work beyond the required credits to expand and deepen their core knowledge of our nation's heritage, to understand other cultures, and to acquire important social science concepts and life skills. Three and a half credits in social studies are required for graduation. See below for required courses and sequence. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

### **Wellness (Health and Physical Education)**

Physical and Health Education are an integral part of the total education program, and together, work to promote and empower individual student wellness. The goal of the physical education component to the wellness curriculum is the development of competence, confidence and persistence as it relates to educating students in, about and through movement to promote physical activity for a lifetime. The health component to the wellness curriculum is designed to develop a student's health literacy by increasing their skills, knowledge and understanding of the factors and choices that promote healthy and balanced living. The wellness curriculum is aligned with the Farmington Public Schools "Vision of the Graduate" by giving students the opportunity to focus on the process of wellness in relationship to their own lives and their emerging autonomy, and to help students meet the physical, emotional and cognitive demands of a healthy and balanced life through college and career. A significant amount of space is required to support the scope of Physical Education, Health and Athletic programs including two gymnasiums of varying size, training and weight rooms, offices, and locker rooms.

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### **World Languages**

The mission of the Farmington World Language Program is for students to communicate in another language, understand and appreciate cultural differences, and participate in and contribute to a global society. Students understand how language learning can benefit their personal and professional lives. Graduates of Farmington High School achieve a level of communicative proficiency that allows them to interact effectively with others who do not speak English. Allowing them to form meaningful relationships and collaborate with people throughout a global society enriches the lives of our graduates both personally and professionally. Classrooms need to be spacious enough to allow for flexible adjustment of furniture to support collaborative as well as independent work.

## **ALTERNATIVE HIGH SCHOOL**

The Farmington Alternative High School (FAHS) is an individualized alternative educational program that provides students with a small school setting and individualized instruction that aligns to the mission and vision of Farmington High School. FAHS is a two-year alternative learning option wherein students study the core academics and engage in vocational, technological and job readiness skills. All FAHS students are expected to average at least 8 hours per week in a paying job or internship experience. Enrollment in FAHS requires an application, an interview and parental consent. These Educational Specifications provide for bringing the FAHS program on site for the new high school facility. This program, although on site, will require its own dedicated space with a separate entrance, office area, and classroom spaces.

## **SPECIAL EDUCATION**

Farmington High School houses three (3) programs to meet the needs of students with significant disabilities: The Specialized Learning Center (SLC) for students with multiple disabilities; the STEP program for students with emotional disabilities; and the SAILS program for students with autism. These programs are self-contained and require specialized spaces to meet the particular needs of the students enrolled. Additionally, students with special needs who are participating in the mainstream classroom programs may receive Special Education Resource support, Speech/Language/Hearing, Social Work, Psychological, and/or Occupational/Physical Therapy services. Each of these programs require classroom spaces that allow for small group or individual instruction and that will accommodate students with adaptive equipment. Special Education and Special Services programs also require spaces for individualized testing, counseling, and confidential meetings with parents, students and staff.

## **MEDIA CENTER LEARNING COMMONS**

The *Media Center Learning Commons* will serve as a contemporary space for what was formerly referred to as a Library/Media Center. The Media Center Learning Commons will be the “heart” of the new Farmington High School and will serve as a resource center and gathering space for students and staff to explore, investigate, research, study, and collaborate. The Media Center Learning Commons will include a circulation center where students can check out materials, and a variety of spaces for students to work either independently or within small groups. The Media Center Learning Commons will include a café space where students can work and eat, as well as an amphitheater for presentations. A multimedia production lab, a classroom and an application lab will also be connected to the Learning Commons. As the central hub of the school, the Media Center Learning Commons should be bright, colorful, attractive and inviting to all.

## **TECHNOLOGY**

A contemporary comprehensive high school must be able to support wide and varied use of technology. The school’s infrastructure needs to reflect the latest in wiring and cabling, which would support current technology applications as well as future requirements. Internet access must be readily and reliably available throughout the school. Computers should support the full range of educational and operational functions within the school. A multimedia production lab and main server room will be located within the Media Center Learning Commons. Wiring within classrooms will include wired network drops and multiple electrical outlets. Classrooms will include the latest in display technology, utilizing interactive LED screens and wall mounted instructor stations. The facility will have wireless connectivity throughout using the latest standard in wireless to support the use of mobile technology. Each classroom will be equipped to support up to 50 wireless devices.

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## **ADMINISTRATION AND SUPPORT SERVICES**

Administration and Support Services include program space for the Main Office, Principal's Office, offices for two (2) Assistant Principals and one (1) Dean of Students, and conference room. Also, within the Main Office area will be space for Attendance, Data, and Security services. As the point of entry to the school, this area should be attractive and welcoming and set the tone for a positive first impression of Farmington High School.

Adjacent to the Main Office area will be the School Counseling program offices and instructional spaces, as well as offices for Social Worker and Psychologist services. These program services will be accessible via their own entrance from the main corridor and waiting area. Counselors provide developmental counseling lessons that focus primarily on career exploration, planning and decision-making. Students have the opportunity to discover and reflect upon their values, interests and aptitudes as well as investigate various career clusters and post-secondary opportunities. The Career Center, located within the School Counseling program area, provides a range of opportunities for students to learn and apply their skills in real-world settings. It connects them with mentors in the workplace who can guide them as they begin to think about higher education and future careers. These experiences give Farmington High School students a competitive advantage as they apply to college and prepare for careers and leadership roles in the community.

Also, within the Administration and Support Services programs is the Health Clinic, which serves the needs of students and staff alike. The Health Clinic should be in close proximity to the main entrance, Main Office and Attendance services. The Health Clinic should have access to natural light and fresh air as much as is practical.

## **VII. CENTRAL OFFICE ADMINISTRATION**

The Central Office for the Farmington Public Schools will be housed within the Farmington High School facility. Central office includes office spaces for the superintendent of schools, assistant superintendent, business administrator, director of special services, director of curriculum, director of technology, human resources coordinator, finance manager, and payroll supervisor. The superintendent and the Central Office administration are responsible for budgeting and business operations, facilities management, technology systems, human resources, special education, continuing education and high-quality teaching and learning district wide. Building-based administrators meet regularly with the Central Office administration and therefore there is a need for conference space for groups of twenty-five to thirty. The specifications for this program space are detailed in a companion document entitled, "Educational Specifications for Farmington Public Schools Central Office Administration." The Farmington High School Facility Project and the Central Office Facility Project shall run concurrently.

## **VIII. PROGRAM SPECIFICATIONS – Detailed Description**

### **ACADEMIC CORE PROGRAMS**

Unless otherwise noted, the standard furnishings for every classroom noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

### **CLASSROOMS – GRADES 9 - 12**

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<b>CLASSROOMS – GRADES 9 - 12</b>	
<b>SPACE:</b> 810 square feet (each)	
<b>NUMBER:</b> TOTAL: Forty-two (42) classrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Collaboration table with chairs</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community corridors</li> </ul>
<b>Classroom Technology – Students (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 30 chromebooks</li> <li>• Charging station for cart</li> <li>• The two (2) Business Ed classrooms need computer technology that supports the course software</li> </ul>
<b>Classroom Technology - Teacher (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Moveable walls within two (2) classrooms in each of the six (6) Learning Communities to allow for flexible use of space</li> </ul>

<b>SCIENCE CLASSROOM LAB – BIOLOGY</b>	
<b>SPACE:</b> 1,200 square feet (each classroom)	
<b>NUMBER:</b> Four (4) classrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters on one wall with adjustable shelving below</li> <li>• Secured storage for science materials and equipment</li> <li>• Project storage for student work</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>

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<b>SCIENCE CLASSROOM LAB – BIOLOGY</b>	
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, towel dispenser</li> <li>• Retractable, overhead electrical outlets</li> <li>• Laminar Flow hood</li> <li>• Waste disposal</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology – Students (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 30 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to science prep room</li> <li>• Consider Jackson Lab Open Layout as a reference</li> </ul>

<b>SCIENCE CLASSROOM LAB – CHEMISTRY</b>	
<b>SPACE:</b> 1,200 square feet (each classroom)	
<b>NUMBER:</b> Four (4) classrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place and appropriate for students standing work at tables)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters on one wall with adjustable shelving below</li> <li>• Secured storage for materials and equipment</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, towel dispenser</li> <li>• Retractable, overhead electrical outlets</li> <li>• Exhaust hood</li> <li>• Waste disposal</li> <li>• Waste water neutralization system</li> <li>• Separate heat recovery units to compensate for independent ventilation</li> </ul>

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<b>SCIENCE CLASSROOM LAB – CHEMISTRY</b>	
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology – Students (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 30 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to science prep room</li> <li>• Consider Jackson Lab Open Layout as a reference</li> </ul>

<b>SCIENCE CLASSROOM LAB – ENGINEERING</b>	
<b>SPACE:</b> 1,200 square feet (each classroom)	
<b>NUMBER:</b> One (1) classroom	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• 3D printer with associated counter space for dedicated desktop</li> <li>• CNC machine</li> <li>• Robotic arm (donated)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters on one wall with adjustable shelving below</li> <li>• Secured storage for materials and equipment</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, towel dispenser</li> <li>• Retractable, overhead electrical outlets</li> <li>• Compressed air delivery system for tools</li> <li>• Hood exhaust systems where appropriate for stationary machinery</li> <li>• Adequate electrical service for specialty machinery with emergency stops as required</li> </ul>

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<b>SCIENCE CLASSROOM LAB – ENGINEERING</b>	
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• One (1) mobile device cart</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to science prep room</li> <li>• Consider Jackson Lab Open Layout as a reference</li> <li>• Engineering Classroom to be adjacent to Applied Arts Classrooms and the Engineering/Maker Space Application Lab</li> </ul>

<b>SCIENCE CLASSROOM LAB – GENERAL SCIENCE/PHYSICS</b>	
<b>SPACE:</b> 1,200 square feet (each classroom)	
<b>NUMBER:</b> Four (4) classrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Chairs/lab tables to accommodate up to twenty-four (24) students (flexible/adaptable/easily movable work stations; tables that can be locked in place)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters on one wall with adjustable shelving below</li> <li>• Secured storage for materials and equipment</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, towel dispenser</li> <li>• Retractable, overhead electrical outlets</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>

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<b>SCIENCE CLASSROOM LAB – GENERAL SCIENCE/PHYSICS</b>	
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology – Students (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 30 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology – Teacher (each classroom)</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to science prep room</li> <li>• Consider Jackson Lab Open Layout as a reference</li> </ul>

<b>SCIENCE PREP WORKROOMS</b>	
<b>SPACE:</b> 300 square feet (each workroom)	
<b>NUMBER:</b> Six (6) workrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Tables for lab prep</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving above and below around perimeter of the room</li> <li>• Secured storage for materials</li> <li>• Chemistry prep workrooms requires storage for chemicals; a separate and secure storage closet for flammables</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink with soap and towel dispenser</li> <li>• Refrigerator</li> <li>• Multiple electrical outlets</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• White board</li> <li>• Bulletin board</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One workroom within each of the six Learning Communities adjacent to the two science classroom labs</li> </ul>

<b>APPLICATION LAB – GRADES 9 - 12</b>	
<b>SPACE:</b> 1,000 square feet (each)	
<b>NUMBER:</b> Two (2) labs: Computer Science, Science Technology	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Computer Science:               <ul style="list-style-type: none"> <li>• Computer tables/workstations for 24 students with desktop computers around perimeter of classroom</li> <li>• Student chairs</li> <li>• Tables for collaboration in center of room</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Science Technology:               <ul style="list-style-type: none"> <li>• Student tables and chairs</li> <li>• Mobile device cart and charging station</li> </ul> </li> </ul>



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<b>APPLICATION LAB – GRADES 9 - 12</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Ample electrical outlets</li> <li>• Recharging stations for cordless power tools</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Per OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• See Furniture and Equipment above</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> </ul>

<b>BREAKOUT AREAS/COMMONS</b>	
<b>SPACE:</b> 1,215 square feet (each)	
<b>NUMBER:</b> Six (6)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable, movable student furniture for informal small group collaborative work</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (32-50" display)</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Electrical outlets</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in Learning Community corridor</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Wi-Fi access</li> <li>• Aux ports for plugging into display</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• Wi-Fi access</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One breakout area within each of the six Learning Communities</li> </ul>

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<b>SMALL GROUP ROOM/WORK AREA</b>	
<p><b>SPACE:</b> 400 square feet; each space to accommodate small groups of four to six students 150 square feet; each space to accommodate small groups of two to three students</p> <p><b>NUMBER:</b> Six (6) rooms @ 150 square feet Nine (9) rooms @ 400 square feet</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate two to six students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher chair</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (32-50" display)</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One (1) 150 SF room and one (1) 400 SF room within each of the six Learning Communities</li> <li>• One (1) 400 SF room located between each learning community to be used for general education tutorial/intervention services (SRBI)</li> </ul>

<b>TEACHER PREP WORKROOM/COPY</b>	
<p><b>SPACE:</b> 900 square feet (each workroom) 60 square feet (each staff restroom)</p> <p><b>NUMBER:</b> Six (6) workrooms Twelve (12) staff restrooms</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks to accommodate up to 16 teacher work stations</li> <li>• Tables for collaborative work</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobes; one (1) for each teacher</li> <li>• One (1) lockable four-drawer filing cabinet for each teacher</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for teacher materials</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Kitchenette with sink and cabinetry</li> <li>• Microwave</li> <li>• Coffee maker</li> <li>• Refrigerator</li> <li>• Network copier/fax machine</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) computer per teacher</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One workroom within each of the six Learning Communities</li> <li>• Two (2) staff restrooms in close proximity to each workroom</li> </ul>

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<b>INSTRUCTIONAL MATERIALS STORAGE</b>	
<b>SPACE:</b> 200 square feet (each)	
<b>NUMBER:</b> Eight (8)	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Appropriate shelving to accommodate instructional materials</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One storage room within each of the six Learning Communities</li> </ul>

### SPECIAL EDUCATION PROGRAMS AND SPECIAL SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>SELF-CONTAINED CLASSROOM – SPECIALIZED LEARNING CENTER (SLC)</b>	
<b>SPACE:</b> 1,100 square feet (1 classroom) 900 square feet (1 classroom) 100 square feet SLC equipment storage room	
<b>NUMBER:</b> Total: Two (2) classrooms, each for approximately 15 students One (1) storage room	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> <li>• Partitions for 1-1 work</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Storage for large adaptive equipment and furniture (chairs, prone standers, supine standers, large walkers, gait trainers, therapy balls, etc.)</li> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Kitchen in one (1) classroom</li> <li>• Washer/dryer</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>

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<b>SELF-CONTAINED CLASSROOM – SPECIALIZED LEARNING CENTER (SLC)</b>	
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Sufficient mobile devices for each student with charging station</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Quiet area in room with floor mats</li> </ul>

<b>SMALL SELF-CONTAINED CLASSROOM – S.T.E.P.</b>	
<b>SPACE:</b> 600 square feet (each)	
<b>NUMBER:</b> Two (2) classrooms; each for approximately 15 students	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Kitchen</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Sufficient mobile devices for each student</li> <li>• Charging station/cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Separate office within room for counseling</li> </ul>

<b>SMALL SELF-CONTAINED CLASSROOM – S.A.I.L.S.</b>	
<b>SPACE:</b> 600 square feet	
<b>NUMBER:</b> One (1) classroom for approximately 15 students	

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<b>SMALL SELF-CONTAINED CLASSROOM – S.A.I.L.S.</b>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable adaptable chairs/desks/tables to accommodate up to 15 students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> <li>• Partitions for 1-1 discrete trials</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> <li>• Built-in counters with adjustable shelving below around perimeter of the room</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, and towel dispenser</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Sufficient mobile devices for each student with charging station</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>

<b>SPECIAL EDUCATION RESOURCE - LC</b>	
<b>SPACE</b> 450 square feet (each)	
<b>NUMBER:</b> Two (2) classrooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate ten (10) to fifteen (15) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• One (1) mobile device cart (30 devices) to share between the Two (2) Resource rooms</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Located near special education offices</li> </ul>

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<b>O.T./P.T. RESOURCE</b>	
<b>SPACE:</b> 200 square feet	
<b>NUMBER:</b> One (1) room shared by two (2) staff	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Various equipment for Occupational Therapy</li> <li>• Area for gross motor activities</li> <li>• Floor mats</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Storage for OT/PT equipment</li> <li>• Two (2) lockable teacher storage wardrobe</li> <li>• Two (2) lockable four-drawer filing cabinet</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Various equipment for OT/PT</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture/equipment</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• Two (2) teacher computers</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• In close proximity to the SLC classrooms and SLC equipment storage</li> </ul>

<b>RESTROOM/SHOWER</b>	
<b>SPACE:</b> 100 square feet (each)	
<b>NUMBER:</b> Three (3) restrooms near the self-contained classrooms	

<b>SPECIAL EDUCATION DEPARTMENT HEAD OFFICE</b>	
<b>SPACE:</b> 120 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair</li> <li>• Table and chairs to accommodate four (4) people</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Special Services Administration Office</li> </ul>

<b>SPECIAL EDUCATION ADMINISTRATION OFFICE</b>	
<b>SPACE:</b> 175 square feet for office area 100 square feet for Records Storage	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• One (1) Secretarial work station, chair</li> <li>• Table and counter space</li> <li>• Visitor seating</li> </ul>

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<b>SPECIAL EDUCATION ADMINISTRATION OFFICE</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinets</li> <li>• Fire-rated student file storage</li> <li>• Base and wall cabinet storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Network copier and fax machine</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Security "panic" button with dedicated phone line</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Department Head Office</li> </ul>

<b>ED TESTING ROOM</b>	
<b>SPACE</b>	80 square feet
<b>NUMBER:</b>	One (1) room
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Table and two chairs (One-on-one testing)</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Within special education area</li> </ul>

<b>SPEECH &amp; LANGUAGE OFFICE</b>	
<b>SPACE:</b>	75 square feet
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair</li> <li>• Table and chairs to accommodate four (4) people</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Special Services Administration Office</li> </ul>

<b>CONFERENCE ROOM</b>	
<b>SPACE:</b>	300 square feet
<b>NUMBER:</b>	One (1) room
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Conference table</li> <li>• Seating for twelve (12)</li> <li>• Credenza</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (32-50" display)</li> <li>• Aux ports for plugging into display</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>

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<b>TEACHER PREP WORKROOM</b>	
<b>SPACE:</b> 150 square feet	
<b>NUMBER:</b> One (1) workroom	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks to accommodate up to four (4) teacher work stations</li> <li>• Tables for collaborative work</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobes; one (1) for each teacher</li> <li>• One (1) lockable four-drawer filing cabinet for each teacher</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for teacher materials</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Network copier/fax machine</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) computer per teacher</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Located within close proximity to resource rooms and conference room</li> </ul>

### ALTERNATIVE HIGH SCHOOL

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>ALTERNATIVE HIGH SCHOOL: VESTIBULE AND MAIN OFFICE</b>	
<b>SPACE:</b> 70 square feet for Vestibule 200 square feet for Main Office 70 square feet each for two (2) toilets	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Two (2) work stations (Coordinator and para)</li> <li>• Two (2) chairs</li> <li>• Table and counter space</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobes</li> <li>• Two (2) lockable four-drawer filing cabinets</li> <li>• Fire-rated student file storage</li> <li>• Base and wall cabinet storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Network copier and fax machine</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Security measures for Visitor Entrance</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin boards</li> </ul>



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**ALTERNATIVE HIGH SCHOOL: VESTIBULE AND MAIN OFFICE**

<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer per coordinator and para</li> </ul>
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**ALTERNATIVE HIGH SCHOOL: SOCIAL WORKER OFFICE**

**SPACE:** 150 square feet

<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
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<b>Storage</b>	<ul style="list-style-type: none"> <li>• Secured storage for materials</li> </ul>
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<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
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<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
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<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer</li> </ul>
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**ALTERNATIVE HIGH SCHOOL: CONFERENCE ROOM**

**SPACE:** 300 square feet

**NUMBER:** One (1) room

<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Conference table</li> <li>• Seating for twelve (12)</li> <li>• Credenza</li> </ul>
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<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Polycom telephone</li> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> <li>• Aux ports for plugging into display</li> </ul>
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<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
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<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
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**ALTERNATIVE HIGH SCHOOL: CLASSROOM**

**SPACE:** 900 square feet

**NUMBER:** One (1) classroom

<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to fifteen (15) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
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<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
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<b>ALTERNATIVE HIGH SCHOOL: CLASSROOM</b>	
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sink, soap, and towel dispenser</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in corridor</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• One (1) mobile device cart holding thirty (30) devices</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>

<b>ALTERNATIVE HIGH SCHOOL: INSTRUCTIONAL MATERIALS STORAGE</b>	
<b>SPACE:</b>	200 square feet
<b>NUMBER:</b>	One (1)
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Appropriate shelving to accommodate instructional materials</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One storage room within each of the six Learning Communities</li> </ul>

### ADMINISTRATION AND SUPPORT SERVICES

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning (year round)
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>PRINCIPAL'S OFFICE</b>	
<b>SPACE:</b>	250 square feet
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for six (6)</li> </ul>

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<b>PRINCIPAL'S OFFICE</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• One (1) large wall unit bookcase</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (32-50" display)</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Security "panic" button with dedicated phone line</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> <li>• Aux ports for plugging into display</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to main office, assistant principal offices, dean of students office, and conference room</li> </ul>

<b>MAIN OFFICE (RECEPTION AND SECRETARIAL AREA)</b>	
<p><b>SPACE:</b> 300 square feet for Reception            450 square feet for Secretarial Area            50 square feet for Administrative Storage            80 square feet for Vault/Personnel Records Storage</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Four (4) Secretarial work stations</li> <li>• Four (4) Secretarial chairs</li> <li>• One (1) station for Head Monitor</li> <li>• Table and counter space</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage wardrobes</li> <li>• Four (4) lockable four-drawer filing cabinets</li> <li>• Fire-rated student file storage</li> <li>• Base and wall cabinet storage</li> <li>• Administrative storage room, as noted above</li> <li>• Vault/Personnel Records storage, as noted above</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Network copier and fax machine</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Located near Main Entrance</li> <li>• Multiple windows to view visitor activity</li> <li>• Appropriate security measures as outlined in Building Systems section of Ed Specs</li> <li>• Security "panic" button with dedicated phone line</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer per secretary/clerk</li> <li>• Electronic security system</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to administrative offices</li> </ul>

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<b>ASSISTANT PRINCIPAL'S OFFICE</b>	
<b>SPACE:</b> 150 square feet (each)	
<b>NUMBER:</b> Two (2)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for four (4)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• One (1) large wall unit bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to main office, principal office, dean of students office, and conference room</li> </ul>

<b>DEAN OF STUDENTS OFFICE</b>	
<b>SPACE:</b> 150 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for six (6)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• One (1) large wall unit bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to main office, principal office, assistant principal offices, and conference room</li> </ul>

<b>DATA SPECIALIST OFFICE</b>	
<b>SPACE:</b> 140 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to main office</li> </ul>

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<b>SCHOOL RESOURCE OFFICER OFFICE</b>	
<b>SPACE:</b> 100 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for four (4)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Access to security monitors (52" display with dedicated machine that connects to security system)</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Main Office</li> </ul>

<b>CONFERENCE ROOM</b>	
<b>SPACE:</b> 350 square feet	
<b>NUMBER:</b> One (1) room	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Conference table</li> <li>• Seating for twelve (12)</li> <li>• Credenza</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Polycom telephone</li> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Aux ports for plugging into display</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to administrative offices</li> </ul>

<b>MAIL/WORK/COPY ROOM</b>	
<b>SPACE:</b> 200 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Staff mailboxes</li> <li>• Table and six (6) chairs</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below and above</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Network copier/fax machine</li> </ul>

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<b>SCHOOL COUNSELOR OFFICE</b>	
<b>SPACE:</b> 125 square feet (each office) 150 square feet for Counseling Waiting Area	
<b>NUMBER:</b> Eight (8)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for four (4)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to counseling administration area, counseling collaboration room, and classroom/conference room</li> </ul>

<b>COUNSELING ADMINISTRATION AREA</b>	
<b>SPACE:</b> 200 square feet for Administration Area 200 square feet for Records Storage 25 square feet Counseling General Storage 80 square feet Counseling Testing Storage	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Two (2) Secretarial work stations, chairs</li> <li>• Table and counter space</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage wardrobes</li> <li>• Two (2) lockable four-drawer filing cabinets</li> <li>• Fire-rated student records file storage, as noted above</li> <li>• Counseling general storage, as noted above</li> <li>• Counseling Testing storage, as noted above</li> <li>• Base and wall cabinet storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Network copier and fax machine</li> <li>• Parent access Kiosk computer</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Security "panic" button with dedicated phone line</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer per secretary/clerk</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Counseling offices</li> </ul>

<b>COUNSELING CLASSROOM/CONFERENCE</b>	
<b>SPACE:</b> 450 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher station</li> <li>• Bookshelves</li> </ul>

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<b>COUNSELING CLASSROOM/CONFERENCE</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>Built-in counters with shelving below around perimeter of the room</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>Document Camera</li> <li>Interactive LED Panel (at least 75")</li> <li>Wall/ceiling mounted speakers</li> <li>Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>Closed deep display case in corridor</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>One (1) mobile device cart with 30 devices</li> <li>Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>One (1) wall mounted teacher computer</li> <li>22 inch display</li> <li>DVD/Blu-ray</li> <li>Wireless keyboard/mouse</li> <li>Aux HDMI input</li> </ul>

<b>COUNSELING COLLABORATION ROOM</b>	
<b>SPACE:</b> 200 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>Conference table</li> <li>Seating for twelve (12)</li> <li>Credenza</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>Polycom telephone</li> <li>Document Camera</li> <li>Interactive LED Panel (at least 75")</li> <li>Wall/ceiling mounted speakers</li> <li>Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>Magnetic whiteboard</li> <li>Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>Aux ports for plugging into display</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>Adjacent to counseling offices</li> </ul>

<b>COUNSELING WORK/COPY/KITCHENETTE</b>	
<b>SPACE:</b> 100 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>Table</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>General supply storage</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>Kitchenette (sink, coffee maker, microwave, refrigerator)</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>Magnetic whiteboards</li> <li>Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>Network copier/fax machine</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>Adjacent to counseling offices</li> </ul>

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<b>CAREER CENTER</b>	
<b>SPACE:</b> 625 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher station</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing promotional materials</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display case in corridor</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 30 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design style of a "student union"</li> </ul>

<b>PSYCHOLOGIST OFFICE</b>	
<b>SPACE:</b> 150 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for four (4)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to counseling offices</li> </ul>

<b>SOCIAL WORKER OFFICE</b>	
<b>SPACE:</b> 150 square feet (each)	
<b>NUMBER:</b> Two (2) offices	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair</li> <li>• Table</li> <li>• Seating for four (4)</li> </ul>



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<b>SOCIAL WORKER OFFICE</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to counseling offices and psychologist office</li> </ul>

<b>ADMINISTRATIVE RESTROOMS</b>
<p><b>SPACE:</b> 60 square feet (each)</p> <p><b>NUMBER:</b> Three (3)</p>

<b>IN-SCHOOL SUSPENSION CLASSROOM</b>	
<p><b>SPACE:</b> 400 square feet</p> <p><b>NUMBER:</b> One (1) classroom</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to six (6) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher station</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Sufficient chromebooks with charging station</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Located near the Administrative offices</li> <li>• Discreet location</li> </ul>

<b>HEALTH CLINIC</b>	
<p><b>SPACE:</b> 800 square feet</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Two (2) desks with chairs</li> <li>• Four (4) cots</li> <li>• Two (2) rolling tables with five (5) chairs</li> </ul>

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<b>HEALTH CLINIC</b>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Multiple file cabinets (three (3) four-drawer; five (5) two-drawer)</li> <li>• Storage for extra work</li> <li>• Five (5) double cabinets (full size)</li> <li>• One (1) double cabinet (half-size)</li> <li>• Two (2) locked medicine cabinets</li> <li>• Two (2) locking wall cabinets</li> <li>• Large closet with shelving and doors</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Lavatory within Health Clinic</li> <li>• Refrigerator with generator back-up</li> <li>• Sink with hot and cold water, soap, and towel dispenser</li> <li>• Microwave</li> <li>• 2 wheel chairs</li> <li>• Scale</li> <li>• Two (2) private resting rooms</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Eye-wash station</li> <li>• Double locks on medicine cabinets</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• One (1) large bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Two (2) computers</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Centrally located adjacent to attendance office, counseling, social worker, main office</li> </ul>

**MEDIA CENTER LEARNING COMMONS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 150 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>READING ROOM/CIRCULATION</b>	
<b>SPACE:</b> 4,711 square feet <i>(Based on 10% of student enrollment x 35 sf/student)</i>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Flexible book shelving that can easily be reconfigured for a collection of 15,000 volumes</li> <li>• Centralized circulation area with four (4) staff work stations</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Textbook reserve collection</li> <li>• See media center workroom and storage and multimedia equipment storage below</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Printer</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Work area to process books with four work stations</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin Boards to display student work and promotional materials</li> </ul>

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<b>READING ROOM/CIRCULATION</b>	
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Self-checkout technology compatible with cafeteria self-checkout software</li> <li>• Four (4) staff computers for the circulation desk area</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• The Media Center Learning Commons will be centrally located; “the heart of the school”</li> <li>• The Circulation Center will be located in the center of the Media Center Learning Commons and adjacent to the workroom and media specialist office</li> </ul>

<b>MULTIMEDIA PRODUCTION STUDIO: “EDGE STUDIO”</b>	
<b>SPACE:</b> 1,500 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Adequate switching and recording equipment for multi-camera productions</li> <li>• Adequate LED studio lighting with controls</li> <li>• Adequate audio mixing recording equipment</li> <li>• Necessary equipment for the distribution of school-produced media to the outside world via IP</li> <li>• Necessary equipment for the distribution of cable TV channels to the school, either through RF distribution or IP</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in countertops with storage above and below</li> <li>• Sufficient durable counter-space for bench repair of electronics</li> <li>• Large walk-in lockable storage closet for equipment</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Access to cable TV</li> <li>• Low-pressure HVAC with sound attenuation air handling equipment</li> <li>• No florescent lighting</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Super grounded wiring</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Computer to support production equipment</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Sound absorbent ceiling material</li> <li>• Spot and track lighting</li> <li>• Ceiling mounted cable racks</li> </ul>

<b>MEDIA CENTER LEARNING COMMONS CONFERENCE ROOM (BREAK OUT)</b>	
<b>SPACE:</b> 200 square feet	
<b>NUMBER:</b> Two (2)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Conference table</li> <li>• Seating for eight (8)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Large magnetic whiteboard</li> <li>• Bulletin board</li> </ul>

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<b>MEDIA CENTER LEARNING COMMONS CONFERENCE ROOM (BREAK OUT)</b>	
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Large windows to allow visibility within Media Center Learning Commons</li> </ul>

<b>MEDIA SPECIALIST OFFICE</b>	
<b>SPACE:</b> 120 square feet	
<b>NUMBER:</b> Two (2) offices	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk and chair (one (1) office must have two (2) set ups)</li> <li>• Table</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable storage/wardrobe</li> <li>• Lockable lateral files</li> <li>• Bookcase</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin board</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer/staff</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Circulation Center</li> </ul>

<b>MEDIA CENTER WORKROOM/STORAGE</b>	
<b>SPACE:</b> 150 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Table and four (4) chairs</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Shelving and cabinetry storage</li> <li>• Counter at standing height for work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Network copier/fax machine</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Circulation Center</li> </ul>

<b>MAIN SERVER ROOM</b>	
<b>SPACE:</b> 120 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving units</li> <li>• Quantity 3 APC NetShelter SX Enclosure with sides (Rack-black 42U – 19")</li> <li>• Ladder Rack/cable tray</li> <li>• Counter area 2 x 4 feet) standing height</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Dedicated low pressure HVAC (7x24x365 cooling)</li> <li>• 6 dedicated 20AMP circuits on generator backup ( 2 for each rack)</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Dry fire suppression system</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Anti-static flooring</li> </ul>

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<b>MAIN SERVER ROOM</b>	
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Media Center Learning Commons</li> </ul>

<b>MULTIMEDIA EQUIPMENT STORAGE</b>	
<b>SPACE:</b> 300 square feet	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to</li> </ul>

<b>MEDIA CENTER /PERIODICAL/STUDENT COLLABORATION WORK AREA</b>	
<b>SPACE:</b> 800 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• High top/low top tables with power and USB outlets</li> <li>• Magazine, newspaper racks</li> <li>• Display spaces</li> <li>• Light weight tables and chairs that can be easily moved and reconfigured</li> <li>• Cozy seating areas</li> <li>• Eating area</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Café style eating area</li> <li>• Student collaborative and/or quiet independent areas</li> <li>• Glassed in for soundproofing</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile for café area</li> <li>• Wall-to-wall carpeting elsewhere</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin Boards to display student work and promotional materials</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Moveable kiosks that are student led throughout the media center and/or Innovation Hallway</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Recharging stations</li> <li>• Consider outdoor learning spaces</li> </ul>

<b>MEDIA CENTER LEARNING COMMONS CLASSROOM</b>	
<b>SPACE:</b> 800 square feet	
<b>NUMBER:</b> One (1) classroom	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher station</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with charging station</li> </ul>

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<b>MEDIA CENTER LEARNING COMMONS CLASSROOM</b>	
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Glass wall so activities are visible to media staff (This space may be used by student-initiated and student led collaborative work.)</li> </ul>

<b>AMPITHEATER</b>	
<b>SPACE:</b> 800 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Tiered seating</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sound system for presentations</li> <li>• Adjustable lighting for presentations</li> <li>• Acoustical considerations</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• White boards</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Students</b>	<ul style="list-style-type: none"> <li>• Students should be able to access mobile devices in this area</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> </ul>

**VISUAL ARTS PROGRAMS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 50 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>ART CLASSROOM: CERAMICS</b>	
<b>SPACE:</b>	1,000 square feet for classroom 200 square feet for Kiln/Ceramic storage

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<b>ART CLASSROOM: CERAMICS</b>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Stainless steel work tables, chairs to accommodate at least seventeen (17) students</li> <li>• 17 pottery wheels with stools</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Three (3) kilns in separate kiln room</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work</li> <li>• Metal shelving and cabinets</li> <li>• Secured storage for materials (glaze, clay, tools, etc.)</li> <li>• Combination of damp and drying cabinets</li> <li>• Counter with plaster surface for wedging clay no more than four (4) feet in width</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Kiln room is adjacent to Ceramics Studio with proper ventilation</li> <li>• Each of the three (3) existing kilns requires a 220v outlet</li> <li>• Dedicated retractable electrical outlets for each of the seventeen (17) pottery wheels</li> <li>• Industrial HEPA air filter</li> <li>• Wall-mounted extruders</li> <li>• Pug mill with dedicated electrical outlet</li> <li>• Two (2) large sinks with clay trap drains</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Proper ventilation of kiln room</li> <li>• HEPA air filter for classroom</li> <li>• Emergency eyewash station</li> <li>• Adhere to OSHA requirements</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Slip resistant vinyl enhanced tile or flooring that allows for easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community/Visual Arts corridors</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>ART CLASSROOM: CRAFTS</b>	
<b>SPACE:</b>	1,000 square feet

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<b>ART CLASSROOM: CRAFTS</b>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Ten (10) large tables; twenty (20) chairs</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> <li>• 3D printer</li> <li>• Soldering iron</li> <li>• Laser cutter</li> <li>• Table saw</li> <li>• Glass cutting station</li> <li>• Flame station</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counter space with storage above and below</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sufficient electrical outlets</li> <li>• Two (2) sinks</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Per OSHA safety standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community/Visual Arts corridors</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Dust collection ductwork</li> <li>• Independent heat recovery ventilation units</li> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>ART CLASSROOM: DIGITAL LAB</b>	
<b>SPACE:</b>	1,000 square feet
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/tables/workstations to accommodate up to eighteen (18) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Outlets for nineteen (19) desktop computers</li> <li>• Two (2) data ports/machine</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>



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<b>ART CLASSROOM: DIGITAL LAB</b>	
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community corridors</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• Eighteen (18) computers that will support digital design software programs</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>ART CLASSROOM: PHOTO LAB</b>	
<b>SPACE:</b>	1,000 square feet for classroom
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Chairs /tables to accommodate collaborative work</li> <li>• 18 computer work stations</li> <li>• Light table</li> <li>• Paper cutting station</li> <li>• Mat cutting station</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> <li>• Flat file</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Two (2) large sinks with cabinets</li> <li>• Two (2) data ports /computer</li> <li>• Adequate electrical outlets for 18 computers</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Emergency eyewash station</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Slip resistant vinyl enhanced tile or flooring that allows for easy cleanup</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community/Visual Arts corridors</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• Eighteen (18) student computer work stations</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

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<b>ART CLASSROOM: 2D STUDIO (Printmaking/Fashion)</b>	
<b>SPACE:</b>	1,000 square feet for classroom
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Ten (10) sewing machines</li> <li>• One (1) serger machine</li> <li>• One (1) blind hem machine</li> <li>• Eighteen (18) mannequins</li> <li>• Adjustable/storable tables and chairs to accommodate up to eighteen (18) students</li> <li>• Table-mounted easels (removable)</li> <li>• Printing press</li> <li>• Paint spray booth</li> <li>• Pressure water spray booth</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Fashion: 100 cubbies               <ul style="list-style-type: none"> <li>• Thirty (30) lockers</li> <li>• Twenty-four (24) drawers</li> <li>• Two (2) storage cabinets</li> <li>• Three (3) large storage closets</li> <li>• Twenty (20) shelves for storage and display</li> </ul> </li> <li>• Flat files for storing student work</li> <li>• Large drying racks</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sufficient electrical outlets for sewing machines; other machines</li> <li>• Track lighting; adjustable to spotlight different parts of the room</li> <li>• Retractable electrical outlets</li> <li>• Two (2) large sinks</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Adequate ventilation</li> <li>• Fume hood for spray paint booth</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community/Visual Arts corridors</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

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<b>ART MATERIALS STORAGE</b>	
<b>SPACE:</b> 150 square feet	
<b>NUMBER:</b> Four (4)	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving</li> <li>• Cabinetry</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to visual arts classrooms</li> </ul>

<b>TEACHER PREP WORKROOM</b>	
<b>SPACE:</b> 300 square feet	
<b>NUMBER:</b> One (1) workroom	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks to accommodate up to five (5) teacher work stations</li> <li>• Tables for collaborative work</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobes; one (1) for each teacher</li> <li>• One (1) lockable four-drawer filing cabinet for each teacher</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Secured storage for teacher materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Kitchenette with sink and cabinetry</li> <li>• Microwave</li> <li>• Coffee maker</li> <li>• Refrigerator</li> <li>• Network copier/fax machine</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) computer per teacher</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Located within close proximity to visual arts classrooms</li> </ul>

**MUSIC PROGRAMS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

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<b>INSTRUMENTAL/BAND ROOM</b>	
<b>SPACE:</b> 2,475 square feet	
<b>NUMBER:</b> One (1) room	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• One hundred fifty (150) Wenger performer chairs</li> <li>• One hundred fifty (150) Wenger music stands</li> <li>• One (1) Studio Upright Walter brand Piano with moving dolly attached</li> <li>• Three (3) Wenger Large Move and Store Music Stand Carts</li> <li>• Nine (9) Wenger Chair Move and Store Carts</li> <li>• Stereo and speaker system</li> <li>• Recording equipment built in to classroom for assessment purposes</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters/cabinets with storage above and below</li> <li>• See instrument storage</li> <li>• See music library storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Recording equipment built in to classroom</li> <li>• HVAC control</li> <li>• HVAC equipment to include sound deadening air handling equipment</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to auditorium/theater area</li> </ul>

<b>VOCAL ROOM</b>	
<b>SPACE:</b> 1,500 square feet	
<b>NUMBER:</b> One (1) room	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• One hundred fifty (150) Wenger performer chairs</li> <li>• One (1) Walter Grand Piano with moving dolly attached</li> <li>• One (1) set of Choral Risers with wheels with back safety racks</li> <li>• Versatile Wenger staging to accommodate 75 singers and jazz band</li> <li>• Stereo and speaker system</li> <li>• Recording equipment built in to classroom for assessment purposes</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Choral folder storage</li> <li>• Built-in counters/cabinetry with storage above and below</li> <li>• See Music Library storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>

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<b>VOCAL ROOM</b>	
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Adjustable ceiling clouds for acoustical variation</li> <li>• HVAC control</li> <li>• HVAC equipment to include sound deadening air handling equipment</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall)</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to auditorium/theater area</li> </ul>

<b>MUSIC LIBRARY STORAGE</b>	
<b>SPACE:</b> 200 square feet	
<b>NUMBER:</b> One (1)	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Multiple wall units designed to store sheet music (65,000 sets)</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Humidity control</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Music Office</li> </ul>

<b>INSTRUMENT STORAGE</b>	
<b>SPACE:</b> 305 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Individual Wenger storage lockers (with locks) for all instrument sizes</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Marching band cabinets for percussion equipment, color guard flags</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Humidity control</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to Band/Orchestra room</li> </ul>

<b>UNIFORM STORAGE</b>	
<b>SPACE:</b> 200 square feet	
<b>NUMBER:</b> One (1)	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Concert Dress and Marching Band Uniform closets and racks</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Humidity control</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to</li> </ul>

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<b>MUSIC OFFICE</b>	
<b>SPACE:</b> 250 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair for four (4)</li> <li>• Table and chairs to accommodate four (4) people</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe/per teacher</li> <li>• One (1) lockable four-drawer filing cabinet/per teacher</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer/per teacher</li> </ul>

<b>PRACTICE ROOM</b>	
<b>SPACE:</b> 80 square feet	
<b>NUMBER:</b> Seven (7)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Recording equipment in one (1) practice room</li> <li>• Student chairs</li> <li>• Music stands</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Sound proofing</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting in five (5) rooms</li> <li>• Vinyl enhanced tile in two (2) rooms</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• White board</li> </ul>
<b>Classroom Technology – Students (each practice room)</b>	<ul style="list-style-type: none"> <li>• Computer that supports notation software</li> </ul>

<b>ENSEMBLE ROOM</b>	
<b>SPACE:</b> 240 square feet (1) 180 square feet (1)	
<b>NUMBER:</b> Total: Two (2) rooms	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• One (1) Studio Upright Walter brand Piano with moving dolly attached (<i>each room</i>)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• HVAC equipment to include sound deadening air handling equipment</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>

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<b>ENSEMBLE ROOM</b>	
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> <li>• Recording equipment built in to classroom for assessment purposes</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

**PERFORMING ARTS PROGRAMS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office

<b>AUDITORIUM</b>	
<b>SPACE:</b>	<p>6,975 square feet for auditorium</p> <p>3,620 square feet for Stage (including wing space)</p> <p>160 square feet for Control Room</p>
	<ul style="list-style-type: none"> <li>• 650-seat auditorium for music rehearsal and performance and public assembly functions</li> <li>• Auditorium seating area 6975 square feet: sloped/stepped main level for approximately 500 seats and mezzanine for approximately 150 seats, seating arranged to support a variety of audience sizes</li> <li>• Open platform performance area 2420 square feet to emphasize music use</li> <li>• Provide high-quality variable acoustical environment and production support for music, conferences, lectures, and speakers, with projection</li> <li>• Control Booth to support performance and recording functions</li> <li>• Offstage area 1200 square feet around perimeter of platform for circulation and movement of musicians, instruments, and equipment</li> <li>• HVAC equipment to include sound deadening air handling equipment</li> <li>• Front projection system with motorized screen</li> <li>• Multicam video recording</li> <li>• Dedicated IDF for high speed 10GB data</li> </ul>

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<b>AUDITORIUM</b>
<p>Considerations:</p> <ul style="list-style-type: none"> <li>• One hundred fifty (150) Wenger performer chairs (stackable/storable)</li> <li>• One hundred fifty (150) Wenger music stands</li> <li>• Storage cages for 25 large instruments (tympani, tuba, etc.)</li> <li>• Provide for multiple types of performances (theatre, concerts, presentations, etc.)</li> <li>• Middle aisle seating arrangement</li> <li>• Stage should be accessible to all from auditorium</li> <li>• Stage to accommodate 150 performers in chairs with music stands</li> <li>• Stage fly considerations</li> <li>• Ceiling cloud structures adjustable for acoustics control</li> <li>• Fire curtain, and all applicable safety standards</li> <li>• Moveable side curtains</li> <li>• Stage lighting and sound systems appropriate for size of stage and auditorium</li> <li>• Control Room – connectivity to all built in lighting, video recording, and sound production within auditorium, green room, and music classrooms; storage for microphones and computers used in productions</li> </ul>

<b>STUDIO THEATER/DRAMA CLASSROOM</b>
<p><b>SPACE:</b> 2,400 square feet for theater/classroom 100 square feet for Control Room</p>
<ul style="list-style-type: none"> <li>• Flat-floor-type studio theatre for theatrical performances in a variety of configurations, drama teaching, and rehearsals</li> <li>• 2400 square feet main level plus seating gallery on three sides</li> <li>• Production support for theatrical performance including pipe grid overhead and associated theatrical technology</li> <li>• Control booth above seating gallery</li> <li>• HVAC equipment to include sound deadening air handling equipment</li> <li>• Front projection system with motorized screen</li> <li>• Multicam video recording</li> <li>• Dedicated IDF for high speed 10GB data</li> <li>• Loading door in upstage wall for access to scenery loading and equipment storage</li> </ul>

<b>SCENE SHOP /PROP STORAGE/ART MAKER SPACE</b>	
<p><b>SPACE:</b> 800 square feet</p> <p><b>NUMBER:</b> One (1)</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Support space to the Studio Theatre for construction and repair of scenery, props, and theatre equipment</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• 8' wood block work bench with cabinets below.</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• High space with doors to Studio Theatre 12' high or as high as practical</li> <li>• Deep sink with paint trap</li> <li>• Distribute multiple power circuits around perimeter for power tools.</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Per OSHA standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wood floor with Stagelam finish surface to match Studio Theatre floor</li> </ul>



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<b>SCENE SHOP /PROP STORAGE/ART MAKER SPACE</b>	
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer</li> </ul>

<b>GREEN ROOM</b>	
<b>SPACE:</b>	400 square feet
<b>NUMBER:</b>	One (1) room
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• One (1) wall of vanity countertops with mirrors and lighting</li> <li>• Comfortable mobile seating</li> <li>• Two (2) tables</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Cabinets</li> <li>• Bookshelves</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Multiple outlets</li> <li>• USB outlets along vanity wall</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front wall</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Deep display cabinets in corridor to promote productions</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) computer</li> <li>• Monitor to observe stage action</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to stage, dressing rooms and restrooms</li> </ul>

<b>COSTUME STORAGE</b>	
<b>SPACE:</b>	75 square feet
<b>NUMBER:</b>	One (1)
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving/racks for costume storage</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Humidity control</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to</li> </ul>

<b>GENERAL PERFORMING ARTS STORAGE</b>	
<b>SPACE:</b>	640 square feet
<b>NUMBER:</b>	One (1)
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Adjacent to</li> </ul>

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<b>MAKE-UP/DRESSING ROOM</b>	
<b>SPACE:</b>	240 square feet (1) 360 square feet (1)
<b>NUMBER:</b>	Total: Two (2) dressing rooms
	<ul style="list-style-type: none"> <li>• Include monitor to observe stage action</li> <li>• Two (2) walls of vanity countertops with mirrors and lighting; USB outlets</li> <li>• Two (2) sinks, soap and towel dispensers</li> </ul>

<b>DRESSING ROOM RESTROOM</b>	
<b>SPACE:</b>	60 square feet (each)
<b>NUMBER:</b>	Three (3)

**CAREER & TECHNICAL EDUCATION PROGRAMS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Wall mount telephone
- Intercom communication with office

<b>APPLICATION LAB -- WOOD</b>	
<b>SPACE:</b>	1,500 square feet
<b>NUMBER:</b>	One (1) lab
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Table saws (2)</li> <li>• Wood lathes (3)</li> <li>• Miter saw tables (2)</li> <li>• Work top benches (4)</li> <li>• Large belt sander (1)</li> <li>• Small belt sanders (2)</li> <li>• Band saws (5)</li> <li>• Shaper table (1)</li> <li>• Router tables (2)</li> <li>• Drill presses (2)</li> <li>• Planer (1)</li> <li>• Drum sander (1)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lumber storage rack</li> <li>• Lockable cabinets on rear wall</li> </ul>

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<b>APPLICATION LAB – WOOD</b>	
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Outside caged in area for building large projects</li> <li>• Specific outlets for tools (drop plugs for equipment)</li> <li>• Outlets above work top counters</li> <li>• Compressed air lines for tools</li> <li>• Exhaust fans in Finishing Room</li> <li>• Dust collection piping for each equipment</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Emergency eyewash station</li> <li>• Fume hood for Finishing Room</li> <li>• Power shut off for equipment</li> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. to meet accessibility standards</li> <li>• Emergency first aid equipment with cabinet</li> <li>• Meet all applicable OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Movable fatigue mats</li> <li>• Floors that can be easily swept (concrete)</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• 8-10 feet of whiteboard next to smart board on front wall</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> <li>• Teaching/demonstration technology</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Windows between classroom and construction lab</li> </ul>

<b>APPLICATION LAB – AUTO</b>	
<b>SPACE:</b> 1,500 square feet	
<b>NUMBER:</b> One (1) lab	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Automotive lift</li> <li>• Tire balancer</li> <li>• Tire mounting machine</li> <li>• Drill presses</li> <li>• Metal lathes</li> <li>• Band saws</li> <li>• Large rolling tool boxes</li> <li>• Large rolling tables</li> <li>• 4-5 Welders in separate welding area</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• For tools and materials (foam core, plywood, lumber, metal and aluminum)</li> </ul>

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<b>APPLICATION LAB – AUTO</b>	
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Ventilation</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Emergency eyewash station</li> <li>• Machine power shut off</li> <li>• Meets OSHA standards and requirements</li> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> <li>• Emergency first aid equipment with cabinet</li> <li>• Meet all applicable OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Moveable fatigue mats</li> <li>• Flooring that can be easily swept up (concrete)</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Rolling whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• Large plotter/printer (2'-3' wide)</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> <li>• Teaching/demonstration technology</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Model after "industrial standard" machine shop such as Lyme/Old Lyme High School</li> </ul>

<b>APPLICATION LAB – CULINARY</b>	
<p><b>SPACE:</b> 750 square feet for Kitchen 120 square feet for Cooler/Freezer 200 square feet for Ware Washing</p> <p><b>NUMBER:</b> One (1) lab</p>	
<b>Furniture &amp; Equipment</b>	<p>The Culinary Arts facility will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations.</p> <p>The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.</p> <p>Equipment will not be selected based on production capacity. The selection of equipment shall provide access and experience to a wide variety of activities requiring the preparation and production of all types of meals and baked products.</p>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Appropriate storage to complement cooking equipment for cooking utensils, cookware, food items and supplies</li> </ul>

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<b>APPLICATION LAB – CULINARY</b>	
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Cameras for cooking demonstration/projection</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Power and utilities to support equipment</li> <li>• In-line grease traps as per TOF FOG (fats, oil, and grease program)</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Emergency first aid equipment with cabinet</li> <li>• Meet all applicable OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile; slip resistant; easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>STORAGE</b>
<p><b>SPACE:</b> 200 square feet (2) 250 square feet (1) 200 square feet (1) for Student Project Storage</p> <p><b>NUMBER:</b> Total: Four (4) storage areas</p>

<b>WOOD RELATED CLASSROOM</b>	
<b>SPACE:</b>	600 square feet
<b>NUMBER:</b>	One (1) classroom
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community corridors</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• Ten (10) computers</li> <li>• One (1) printer</li> </ul>

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<b>WOOD RELATED CLASSROOM</b>	
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>AUTO RELATED CLASSROOM</b>	
<b>SPACE:</b> 600 square feet	
<b>NUMBER:</b> One (1) classroom	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Comfortable chairs/desks/tables to accommodate up to twenty (20) students (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Storage for coveralls, welding helmets, classroom supplies</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy movement of furniture</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community corridors</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 20 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>CULINARY RELATED CLASSROOM</b>	
<b>SPACE:</b> 575 square feet for classroom	
<b>NUMBER:</b> One (1) classroom	
<b>Furniture &amp; Equipment</b>	<p>The Culinary Arts facility will be designed to provide an opportunity for a broad range of teaching and learning experiences. This facility will be totally self-sustaining without dependence upon outside commissary operations.</p> <p>The Kitchen will be designed to provide a teaching atmosphere as well as requiring storage, production and some serving facilities. This space shall accommodate instructor(s) and approximately ten to fifteen (10-15) students per class session.</p> <ul style="list-style-type: none"> <li>•</li> </ul>

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<b>CULINARY RELATED CLASSROOM</b>	
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in Learning Community corridors</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 16 chromebooks</li> <li>• Charging station for cart</li> </ul>
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> </ul>

<b>ROBOTICS RELATED CLASSROOM</b>	
<b>SPACE:</b>	810 square feet
<b>NUMBER:</b>	One (1) classroom
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Five (5) to six (6) tables for collaborative work (flexible/adaptable/easily movable work stations)</li> <li>• Teacher desk/chair (possibly built in to counter area to save space)</li> <li>• Kitchenette with refrigerator, stove, microwave, coffee pot, sink, countertops, cabinetry</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Shelves to store totes of equipment and supplies</li> <li>• Filing cabinet</li> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Counters to showcase student work and/or allow for standing collaborative work</li> <li>• Secured storage for materials</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Three (3) to four (4) outlets on each wall</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Personal protective equipment (PPE) cabinet,</li> <li>• Appropriate combustion class fire extinguishers</li> <li>• Eye wash and emergency showers where applicable</li> <li>• Lab stations, sinks, fume hoods, stationary power equipment, etc. To meet accessibility standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> <li>• Walls should be functional work spaces and for showcasing student work</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall) on front and side walls</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Display/Storage of Student Work</b>	<ul style="list-style-type: none"> <li>• Closed deep display cases in corridors (trophies and awards)</li> </ul>
<b>Classroom Technology – Students</b>	<ul style="list-style-type: none"> <li>• One (1) chromebook cart with 20 chromebooks</li> <li>• Charging station for cart</li> </ul>

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<b>ROBOTICS RELATED CLASSROOM</b>	
<b>Classroom Technology - Teacher</b>	<ul style="list-style-type: none"> <li>• One (1) wall mounted teacher computer</li> <li>• 22 inch display</li> <li>• DVD/Blu-ray</li> <li>• Wireless keyboard/mouse</li> <li>• Aux HDMI input</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Consider design that would allow instruction to be visible from hallway</li> <li>• Adjacent to shared lab space</li> <li>• In close proximity to garage door to outside for transport of robots</li> <li>• Charging station for battery operated tools</li> </ul>

<b>COMPRESSOR ROOM</b>
<b>SPACE:</b> 75 square feet
<b>NUMBER:</b> One (1)

<b>FINISHING ROOM</b>
<b>SPACE:</b> 150 square feet
<b>NUMBER:</b> One (1)

**PHYSICAL EDUCATION PROGRAMS**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office

<b>GYMNASIUM</b>	
<b>SPACE:</b> 14,400 square feet	
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Standard wall padding as required</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• All purpose wood floor system with essential markings</li> <li>• Removable protective matting</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Adequate wireless connectivity</li> </ul>
<b>Other Requirements</b>	One high school competition main basketball court (50'x84') Two cross courts (50'x84' as well) <ul style="list-style-type: none"> <li>• Bleacher seating</li> <li>• Ceiling mounted air destratification fans</li> <li>• Roll-up vinyl mesh half-court divider</li> <li>• Sound system</li> </ul>



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<b>AUXILARY GYMNASIUM</b>	
<b>SPACE:</b> 8,000 square feet	
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Removable protective matting</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• All purpose wood floor system with essential markings</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Adequate wireless connectivity</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• One 50'x 84' regulation court</li> <li>• Bleacher seating</li> <li>• Roll-up vinyl mesh half-court divider</li> <li>• Wrestling mat lift storage system</li> <li>• Sound system</li> </ul>

<b>TRAINING ROOM</b>	
<b>SPACE:</b> 300 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Taping tables with adjustable heights (32" – 40")</li> <li>• Adjustable height stools</li> <li>• Rolling carts</li> <li>• Dollies</li> <li>• Laundry bins</li> <li>• Floor lamps</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Built-in counters with shelving below around perimeter of the room</li> <li>• Adjustable shelves</li> <li>• Cabinets</li> <li>• Wall peg storage</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Multiple magnetic whiteboards (wall-to-wall)</li> <li>• Bulletin boards lining the back wall</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Close to medical services</li> <li>• Close to locker rooms</li> <li>• Ice making machine</li> </ul>

<b>MULTI-USE P.E. ROOM – WEIGHT ROOM</b>	
<b>SPACE:</b> 3,000 square feet	
<b>NUMBER:</b> One (1)	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Standard weight room equipment; free weights and machines</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75")</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Appropriate safety measures for all weight room equipment</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Rubber flooring</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Sound system</li> </ul>

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<b>MULTI-USE P.E. ROOM – WEIGHT ROOM</b>	
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Mirrored walls</li> <li>• Adequate electrical supply for aerobic equipment</li> </ul>

<b>STUDENT LOCKER ROOM</b>	
<b>SPACE:</b>	1,000 square feet
<b>NUMBER:</b>	Two (2)

<b>STUDENT LOCKER ROOM – SEASONAL TEAM ROOM</b>	
<b>SPACE:</b>	200 square feet (4) 1,500 square feet (1)
<b>NUMBER:</b>	Total: Five (5)

<b>STUDENT RESTROOM/SHOWER</b>	
<b>SPACE:</b>	200 square feet
<b>NUMBER:</b>	Three (3)

<b>PHYSICAL EDUCATION STORAGE</b>	
<b>SPACE:</b>	350 square feet (each)
<b>NUMBER:</b>	Four (4)
<b>Storage</b>	• Adjustable shelving
<b>Flooring</b>	• Vinyl enhanced tile

<b>ATHLETIC DIRECTOR OFFICE</b>	
<b>SPACE:</b>	235 square feet
<b>NUMBER:</b>	One (1)
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair</li> <li>• Table and chairs to accommodate ___ people</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	• Wall-to-wall carpeting
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	• One (1) teacher computer

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<b>P.E./ATHLETIC OFFICE</b>	
<p><b>SPACE:</b> 100 square feet for Teachers (2) 200 square feet for Coaches (3) 120 square feet each for Trainer, Dept. Head, and Student Activities Director (3)</p> <p><b>NUMBER:</b> Total: Eight (8) total of varying sizes</p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Teacher desk/chair</li> <li>• Visitor seating</li> <li>• Bookshelves</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Lockable teacher storage wardrobe</li> <li>• One (1) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Wall-to-wall carpeting</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) teacher computer</li> </ul>

<b>STAFF SHOWER</b>
<p><b>SPACE:</b> 80 square feet</p> <p><b>NUMBER:</b> Five (5)</p>

<b>ATHLETIC STORAGE</b>	
<p><b>SPACE:</b> 320 square feet (each)</p> <p><b>NUMBER:</b> Two (2)</p>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Adjustable shelving</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>

<b>LAUNDRY</b>
<p><b>SPACE:</b> 60 square feet (1) 150 square feet (1)</p> <p><b>NUMBER:</b> Total: Two (2)</p>

**STUDENT DINING SERVICES**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access to support at least 30 mobile devices
- Multiple electrical outlets
- Sound Field System
- Telephone
- Intercom communication with office

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<b>STUDENT DINING</b>	
<b>SPACE:</b> 7,852 square feet <i>(Based on 3 lunch periods and 17.5 sf/seat)</i>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• “Floor Finish Friendly” tables and seating (for quick, easy cleaning) for 426 students per lunch wave</li> <li>• “McDonald’s” type enclosed trash containers strategically located in the dining area</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• See table storage</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75”) (or multiple LCD panels)</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin Boards</li> <li>• Signage and displays to be determined</li> </ul>

<b>STAFF DINING</b>	
<b>SPACE:</b> 600 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Tables and chairs for up to thirty (30) staff members</li> </ul>
<b>Teaching Aides/Equipment</b>	<ul style="list-style-type: none"> <li>• Document Camera</li> <li>• Interactive LED Panel (at least 75”)</li> <li>• Wall/ceiling mounted speakers</li> <li>• Consider other innovative projection devices for collaborative work</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile or flooring that allows for easy cleanup</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>

<b>TABLE STORAGE</b>	
<b>SPACE:</b> 400 square feet	
<b>NUMBER:</b> One (1)	

<b>FAMILY RESTROOM</b>	
<b>SPACE:</b> 80 square feet	
<b>NUMBER:</b> One (1)	

**FOOD SERVICES**

Unless otherwise noted, the standard furnishings for every area noted below are expected to include the following:

- Room darkening shades
- Soft color, dimmable lighting
- Acoustical insulation for soundproofing
- Air conditioning
- ADA compliant building standards
- Wireless/internet access
- Multiple electrical outlets
- Wall mount telephone
- Intercom communication with office

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<b>KITCHEN</b>	
<p><b>SPACE:</b> Preparation Area: 1,200 square feet            Dry Food Storage: 518 square feet            Cooler/Freezer: 471 square feet            Ware Washing: 424 square feet            Serving Area: 2,200 square feet</p> <p><i>Note "Design Report – New Facility; Food Service – Main Kitchen," Schiuvone Designs, LLC, November 7, 2016</i></p>	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Double sink preparation tables each with one (1) standard faucet and one (1) pre-rinse faucet</li> <li>• Slicing machine</li> <li>• Buffalo chopper</li> <li>• Food processor</li> <li>• 40 quart mixer</li> <li>• Coffee brewing systems</li> <li>• Small ice making machine</li> <li>• Upright blast chiller</li> <li>• Microwave oven to be located in cafeteria</li> <li>• Two (2) Double Deck Convection Ovens</li> <li>• One (1) Combi-Oven</li> <li>• One (1) Convection Steamer</li> <li>• One (1) 40 Gallon Tilting Skillet</li> <li>• One (1) Four (4) Burner Range</li> <li>• A Ware washing room will be provided, fitted with a ware wash machine with raised hood and support tables</li> <li>• Three (3) compartment sink assembly with drain boards for pot and pan washing; each compartment shall measure 27" x 27" x 16" deep; a pre-rinse spray assembly required at one (1) sink compartment</li> <li>• Hot &amp; Cold Food Stations</li> <li>• Flat Hot-Top Pizza Stations</li> <li>• Exhibition Cooking Station</li> <li>• Deli Stations</li> <li>• Express Stations for self-serve foods and dry display snacks</li> <li>• Refrigerated merchandisers for bottled beverages</li> <li>• Frozen Yogurt &amp; Topping Station</li> <li>• Cashier stations strategically located at the exit from the Servery</li> <li>• Mobile condiment stations to be located at the exit of the Servery</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• As noted above</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Utility Distribution System with quick disconnect devices for all services</li> <li>• Walk-in refrigerators and freezers will require back-up generator power; audio/visual temperature alarm; refrigeration control alarm; temperature alarms to be wired to "Building Monitoring System"</li> <li>• Water conservation methods</li> <li>• Provide High Efficiency Energy Star Label Equipment &amp; lighting</li> <li>• Exhaust hoods: Demand Control Ventilation Package</li> <li>• Consider Waste Reduction System</li> <li>• Temperature maintenance, water filtration and sanitation to promote food safety</li> <li>• Exterior in-line grease trap to conform to TOF FOG program</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• Eyewash/drench shower located within proximity to the cooking and ware washing areas</li> <li>• "Industrial" type water filter(s) to filter water before it enters the Utility Distribution System, which will feed the Steamer and Kettles</li> <li>• Space complies with all applicable OSHA workplace standards</li> </ul>

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<b>KITCHEN</b>	
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Architect to review with Administration and Food Service</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Bulletin boards, as appropriate</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Network drop for cashier stations</li> <li>• Technology to run through district IT system</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Servery to be designed as a “free-flow” and open landscape arrangement to allow for patron self-service</li> <li>• Selected doors in the food service area to be 42” wide</li> </ul>

<b>DIETICIAN OFFICE</b>	
<b>SPACE:</b> 250 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Desk/chair per dietician</li> <li>• Visitor seating</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Three (3) lockable teacher storage wardrobe</li> <li>• Three (3) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• One (1) computer per dietician</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Office to be glazed to the greatest degree possible</li> </ul>

<b>RESTROOM/LOCKER ROOM</b>	
<b>SPACE:</b> 140 square feet	
<b>NUMBER:</b> Two (2)	

**CUSTODIAL SERVICES**

<b>CUSTODIAL WORKROOM</b>	
<b>SPACE:</b> 300 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Workbench, vise, stool</li> <li>• Compressed air system</li> <li>• Chain fall</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Steel storage shelves</li> <li>• Lockable tool cabinets</li> <li>• Wall-mounted tool hanging system</li> </ul>
<b>Utility Requirements</b>	<ul style="list-style-type: none"> <li>• Water spigot with hose rack</li> <li>• Adequate electrical service</li> </ul>
<b>Safety Requirements</b>	<ul style="list-style-type: none"> <li>• PPE cabinet and first aid cabinet</li> <li>• Meet all applicable OSHA workplace standards</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Grease resistant epoxy finish over concrete</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboards</li> <li>• Bulletin boards</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• Overhead rollup door</li> <li>• Direct access to outside</li> </ul>

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<b>CUSTODIAL OFFICE</b>	
<b>SPACE:</b> 200 square feet	
<b>Furniture &amp; Equipment</b>	<ul style="list-style-type: none"> <li>• Two (2) desk/chair</li> <li>• Workstation table</li> <li>• Visitor seating for four (4)</li> <li>• Small refrigerator</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Sixteen (16) lockable storage wardrobes</li> <li>• One (1) lockable four-drawer filing cabinet</li> </ul>
<b>Flooring</b>	<ul style="list-style-type: none"> <li>• Vinyl enhanced tile</li> </ul>
<b>Boards</b>	<ul style="list-style-type: none"> <li>• Magnetic whiteboard</li> <li>• Bulletin boards</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Two (2) teacher computers</li> <li>• One (1) laptop or PC for building automation</li> <li>• Time clock computer</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>• A restroom should be in close proximity to custodial office</li> </ul>

**CENTRAL OFFICE ADMINISTRATION**

The Central Office Administration program shall occupy a gross area total of 9,626 square feet of space within the Farmington High School facility. The detailed description of spaces is identified in the companion document, "Educational Specifications for Farmington Public Schools Central Office Administration."

**BUILDING SERVICES (Non-Program Spaces)**

<b>Space Description</b>	<b>Quantity</b>	<b>Square Feet</b>
Large Group Restrooms	1	6,416
Custodial Closet	10	50
Electrical Closet	6	50
Telecommunications Room	6	64
Corridors	1	36,665
Vertical Circulation	4	350
Mechanical/Electrical Space/Decks	1	12,649
Storage Area	1	1,700
Central Storage Area	1	580
Loading/Receiving	1	120
Restroom	1	60
Recycling Room	1	100
Outside Equipment Storage	1	540

**IX. COMMUNITY USE**

The community uses Farmington High School in various ways. The most significant community use is by the Farmington Continuing Education and Recreation programs that use the high school on nights and weekends throughout the year for adult and youth enrichment and recreational activities. This use consists of the gym, classrooms, art rooms, computer labs, auditorium, and cafeteria.

Other groups that regularly use the facilities after school hours include:

- Civic organizations
- Municipal boards and groups
- PTO
- Performing Groups
- Registrar of Voters
- Local Non-Profit organizations
- Booster Clubs
- Parent Groups

Facility spaces not dedicated for student use during school hours include:

- Central Office Administration program space

The school facility will serve as an emergency shelter.

**X. ENVIRONMENT – SYSTEMS – EQUIPMENT**

SYSTEM	SPECIFICATIONS
<b>General</b>	<ul style="list-style-type: none"> <li>• Wall mounted AED's in key locations throughout the building</li> <li>• Architectural provisions, including hardware, to facilitate security procedures as outlined in the All hazard Safety and Security Plan (AHSSP)</li> <li>• Designs that allow instruction and collaborative learning to be visible from hallways must make provisions for the creation of a safe area for security lockdowns as described in the AHSSP</li> </ul>
<b>Building Systems</b>	<ul style="list-style-type: none"> <li>• The building systems incorporated into the new construction will be designed in accordance with Connecticut High Performance Building standards, equivalent in performance to a LEED Silver rating.</li> </ul>
<b>Heating/Cooling (HVAC) System</b>	<ul style="list-style-type: none"> <li>• Heating &amp; cooling should be produced with natural gas with a boiler for heating and roof top DX cooling. Consider including Geo-thermal wells for energy efficiency.</li> <li>• All spaces are to receive air conditioning, but only those areas with summertime use will have the systems running year-round; all other areas will have systems set to dehumidification only during summer months.</li> <li>• In-line water heaters for domestic hot water shall be provided during non-heating season usage.</li> <li>• Energy recovery units, VFD fan systems and pumps to be utilized in the design.</li> <li>• Perimeter heating will be provided by fin tube radiation and the possible use of ceiling mounted radiant panels, cooled by a VAV system with each room served by a dedicated VAV box and hydronic reheat coil.</li> <li>• The use of "chill beams" will be considered for general heating and cooling. Designer to provide additional information on chill beam systems to Owner.</li> <li>• The gymnasium/auditorium and cafeteria will be served by separate variable speed air handlers. Air handlers shall include a hot water heating coil and DX cooling coils.</li> </ul>
<b>Climate Controls/Ventilation System</b>	<ul style="list-style-type: none"> <li>• Tridium</li> </ul>



SYSTEM	SPECIFICATIONS
Lighting System	<ul style="list-style-type: none"> <li>• Consider LED lighting throughout where possible</li> <li>• Efficient and appropriate natural lighting will be maximized within the facility as appropriate for the programmatic use of the spaces.</li> <li>• Motion sensors and dual switching will be installed in classrooms.</li> <li>• The use of fluorescent lights throughout, with exceptions in specialty areas.</li> <li>• Attention should be given to security lighting for both interior and exterior of the building.</li> <li>• Emergency back up will be via local battery ballasts.</li> <li>• The use of light shelves and light sensors for natural light to reduce electrical load shall be considered in locations where possible.</li> </ul>
Electrical (Power) System	<ul style="list-style-type: none"> <li>• Power to be provided by local utility company.</li> <li>• Consider solar roof mounted.</li> <li>• Distribution will include customer metering.</li> <li>• Auto Transfer generator</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• There shall be a combined voice/data system with "VOIP" (Voice Over Internet Protocol) design.</li> <li>• The school shall have wall mounted LED panels with media controlled both locally from the teacher's station and with a centralized media system at the head end ("DIVOS system").</li> <li>• Head equipment to be housed in an MDF with 24-hour environmental control.</li> <li>• Horizontal cabling shall be Category 6e or contemporary equivalent.</li> <li>• Cable trays shall be run in corridors to support horizontal cable structure.</li> <li>• Fiber backbone between the MDF and IDF rooms shall be single-mode type (10GB minimum).</li> <li>• Fiber optical cable from street to MDF provided by LightTower</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Clear, attractive signage inside and outside the building</li> <li>• Digital video surveillance of exterior/interior areas of the building with high resolution and infrared (IR) technology where applicable</li> <li>• Design the plan to prevent access to instructional areas of the school when community events take place in assembly areas during non-school hours.</li> <li>• Motion sensors shall be mounted in corridors.</li> <li>• Respond to future state and/or federal mandates related to security requirements for high school facilities such as the CT DAS School Safety Infrastructure Standards</li> <li>• "Door open" status on-screen notifications</li> <li>• Prox card entry system on selected exterior and interior doors</li> <li>• Electronic security system with keypad access control installed into the school and integrated with prox card entry system (for limited credentials)</li> <li>• Door locks shall have Medeco high security lock cylinders</li> </ul>
Phone System	<ul style="list-style-type: none"> <li>• A comprehensive, district-integrated phone system (dial-out) will be integrated into technology scope of the project, including hands-free and handle options.</li> <li>• Install phones in every room of the facility occupied by teachers or students at any given time, including all support and instructional spaces.</li> <li>• Provide Voice Over "IP" options.</li> </ul>
Public Address	<ul style="list-style-type: none"> <li>• The building's public address system is comprehensive and will be addressed as part of the technology component of the project to incorporate internal building communications as well as external communications.</li> <li>• The PA system should be developed in conjunction with the phone, clock, data, voice and DIVOS video distribution system of the school.</li> <li>• Secondary access to security and public address systems will be located in the MDF/Head End Room.</li> </ul>

SYSTEM	SPECIFICATIONS
<b>Clocks</b>	<ul style="list-style-type: none"> <li>• Clocks, similar to the phone system will be integrated into the technology component of the project.</li> <li>• All support and instructional spaces will be included.</li> <li>• System to have manual override capability in the event that Daylight Saving Times are adjusted by the Federal Government.</li> </ul>
<b>Plumbing System</b>	<ul style="list-style-type: none"> <li>• Plumbing fixtures/system will be designed per current and applicable codes.</li> <li>• Fixtures will be self-operating</li> <li>• Plastic piping to be considered for domestic water and heating where possible.</li> <li>• Floor drains in gang toilet areas</li> <li>• Plumbed for full whole building sprinkler system</li> <li>• Separate metering for Town Grounds department irrigation system and concession stand</li> </ul>
<b>Fire Protection</b>	<ul style="list-style-type: none"> <li>• Building will be fully protected by a sprinkler system installed per NFPA 13.</li> </ul>
<b>Fire Alarm</b>	<ul style="list-style-type: none"> <li>• The building will be protected by a fully addressable analog, manual and automatic fire alarm system.</li> </ul>
<b>Acoustics</b>	<ul style="list-style-type: none"> <li>• The building will comply with ANSI S12.60-2002: Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.</li> <li>• Suspended acoustical ceilings and/or acoustical decks will be installed throughout the building.</li> <li>• Corridor walls should be constructed of glazed concrete masonry units, or materials with a comparable NRC rating, and provide an adequate separation for sound control.</li> <li>• In specialized areas, such as media centers, appropriate acoustical treatments will be installed.</li> <li>• Sound field system will be provided in each classroom.</li> </ul>
<b>Windows/Doors</b>	<ul style="list-style-type: none"> <li>• Windows should be high efficiency, non-operational type with low e-glazing.</li> <li>• Emergency egress windows and rated doors will be installed in accordance with applicable codes.</li> <li>• Key fobs, thumb latches, vision panels – review with District and integrate with security section.</li> <li>• Door locks shall have Medeco cylinders</li> </ul>

**XI. SITE DEVELOPMENT**

There will be one primary common entrance area to the building for students arriving by bus, in their own cars, or being dropped off by parents. As vehicles enter the site, student drivers will be directed to a student parking lot, and parents dropping off students will be directed through a separate drop off route from buses. Passive security measures, such as visual control of the entrances from the adjacent office area, must be planned for. Active security measures and systems will be developed with the building design. Adequate lighting for monitoring activities and ensuring safety are of paramount importance at the building entrance. Entry overhangs or covered walkways will be provided for inclement weather to the extent practicable.

Bus loading areas should be configured as a one-way drive in a direction to assure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. The drive will have two lanes: one for travel, and one for stopping and unloading. The bus loading driveway should be located such that buses exit upstream of automobiles, thereby reducing delays.

Parent drop-off areas will also be configured as a one-way drive in a direction to ensure that loading and unloading of students occurs from the right-hand side of the vehicle adjacent to the building. Student drop-off and pick-up areas are to be separated from the bus loading area, and preferably should be separate from other parking lots.

Parking for staff and visitors will be developed to take the multiple uses of the building into account. In determining the size and location of the parking lots, consideration will be given to the use of the building for community access as well as student safety. ADA and other code requirements will be addressed in the design of parking.

Sidewalks will be featured around the perimeter of the school, and shall be concrete with monolithic concrete curbing. Access to the parking lots, athletic fields, bus and parent pickup/drop-off areas, and access for student

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walkers will be addressed. Sidewalks should be designed to accommodate students who walk or ride bicycles to school. The number of driveways that are crossed by sidewalks should be eliminated/minimized as much as practicable.

Playfields, parking, service drives, drop-off zones and bus zones should be located to reduce the cost of connecting elements without requiring pedestrians to cross vehicular traffic lanes. The location of driveways, walkways and landscaping must permit adequate sight distances for both vehicles and pedestrians.

Site utilities and physical plant components, including drives and access roads, will be located to avoid conflict with student and vehicular traffic, as well as the planned future growth of building components.

Consideration shall be given to maximize outside spaces by creating outdoor learning spaces as well walking paths around the perimeter of the property. Landscaping will be designed to allow the school to blend with the environment as well as to provide passive cooling and windbreaks when possible. Trees and other greenery will be of a hearty variety and require little maintenance and which complement the building and site. Trees will be planted a sufficient distance from the building to avoid future maintenance problems. Consideration will be given to safety and security when placing foliage around walkways and areas of building access.

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<b>FARMINGTON HIGH SCHOOL ED SPECS SPACE SUMMARY</b>			
<b>Room Description</b>	<b>Required # of Rooms</b>	<b>Square Feet Per Room</b>	<b>Total Area (Sq. Feet)</b>
<b>ACADEMIC CORE PROGRAMS</b>			
Academic Core Classrooms	42	810	34,020
Science: General/Physics	4	1,200	4,800
Science: Chemistry	4	1,200	4,800
Science: Biology	4	1,200	4,800
Science: Engineering	1	1,200	1,200
Science Prep Workroom	6	300	1,800
Application Lab	2	1,000	2,000
Breakout Areas/Commons	6	1,215	7,290
Small Group Room	6	150	900
Small Group Room	9	400	3,600
Teacher Prep Workroom/Copy	6	900	5,400
Staff Restroom	12	60	720
Instructional Materials Storage	8	200	1,600
<b>Total</b>	<b>110</b>		<b>72,930</b>
<b>SPECIAL EDUCATION PROGRAMS</b>			
Self-Contained Classroom – SLC: FRIENDS ROOM	1	1,100	1,100
Self-Contained Classroom – SLC	1	900	900
SLC Large Equipment Storage Room	1	100	100
Special Education Resource – LC	2	450	900
Small Self-Contained Classroom – STEP	2	600	1,200
Small Self-Contained Classroom – SAILS	1	600	600
OT/PT Room	1	200	200
Restroom/Shower	3	100	300
Special Education Department Head Office	1	120	120
Special Education Administration Office/Records	1	250	250
ED Testing Room	1	80	80
Speech & Language Room	1	75	75
Large Conference Room (IEP)	1	300	300
Teacher Prep Workroom	1	150	150
<b>Total</b>	<b>18</b>		<b>6,275</b>
<b>ALTERNATIVE HIGH SCHOOL</b>			
Vestibule and Main Office	1	270	270
Social Worker Office	1	150	150
Conference Room	1	300	300
Classroom	1	900	900
Storage Room	1	200	200
Restroom	2	70	140
<b>Total</b>	<b>7</b>		<b>1,960</b>
<b>ADMINISTRATION AND SUPPORT SERVICES</b>			
Principal's Office	1	250	250
Main Office: Reception, Secretarial Area, Storage	1	880	880

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Assistant Principal Office	2	150	300
Dean Of Students Office	1	150	150
Data Specialist Office	1	140	140
School Resource Officer	1	100	100
Conference Room	1	350	350
Mail/Work/Copy Room	1	200	200
School Counselor Office	8	125	1,000
Counseling Waiting Area	1	150	150
Counseling Administrative Area/Storage	1	505	505
Counseling Classroom/Conference	1	450	450
Counseling Collaboration Room	1	200	200
Counseling Work/Copy/Kitchenette	1	100	100
Career Center	1	625	625
Psychologist Office	1	150	150
Social Worker Office	2	150	300
Administrative Restrooms	3	60	180
In-School Suspension Classroom	1	400	400
Health Clinic	1	800	800
<b>Total</b>	<b>31</b>		<b>7,230</b>
<b>MEDIA CENTER</b>			
Reading Room/Circulation	1	4,711	4,711
Multimedia Production Studio: Edge Studio	1	1,500	1,500
Conference Room/Breakout	2	200	400
Media Specialist Office	2	120	240
Workroom/Storage	1	150	150
Main Server Room	1	120	120
Multimedia Equipment Storage	1	300	300
Café/Periodical/Student Work Area	1	800	800
Media Center Classroom Area	1	800	800
Amphitheater Area	1	800	800
<b>Total</b>	<b>12</b>		<b>9,821</b>
<b>VISUAL ARTS PROGRAMS</b>			
Art Room – Ceramics	1	1,000	1,000
Art Room – Digital Lab	1	1,000	1,000
Art Room – Crafts	1	1,000	1,000
Art Room – Photo Lab	1	1,000	1,000
Art Room – 2D Studio	1	1,000	1,000
Kiln/Ceramic Storage	1	200	200
Art Materials Storage	4	150	600
Teacher Prep Workroom	1	300	300
<b>Total</b>	<b>11</b>		<b>6,100</b>
<b>MUSIC PROGRAMS</b>			
Instrumental/Band Room	1	2,475	2,475
Vocal Room	1	1,500	1,500

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Music Library/Storage	1	200	200
Instrument Storage	1	305	305
Uniform Storage	1	200	200
Music Office	1	250	250
Practice Room	7	80	560
Ensemble Room	1	240	240
Ensemble Room	1	180	180
<b>Total</b>	<b>15</b>		<b>5,910</b>
<b>PERFORMING ARTS PROGRAMS</b>			
Auditorium	1	6,975	6,975
Stage and Wing Space	1	3,620	3,620
Control Room (Auditorium)	1	160	160
Studio Theater/Drama Classroom	1	2,400	2,400
Control Room (Studio Theater)	1	100	100
Make-up/Dressing Room	1	240	240
Make-up/Dressing Room	1	360	360
Green Room	1	400	400
Scene Shop Storage/Prop Storage/Art Maker Space	1	800	800
Costume Storage	1	75	75
General Performing Arts Storage	1	640	640
Dressing Room Restroom	3	60	180
<b>Total</b>	<b>14</b>		<b>15,950</b>
<b>CAREER AND TECHNICAL EDUCATION PROGRAMS</b>			
Application Lab – Wood	1	1,500	1,500
Application Lab – Auto	1	1,500	1,500
Application Lab – Culinary	1	750	750
Storage	2	200	400
Storage	1	250	250
Student Project Storage	1	200	200
Wood Related Classroom	1	600	600
Auto Related Classroom	1	600	600
Culinary Related Classroom	1	575	575
Robotics Related Classroom	1	810	810
Compressor Room	1	75	75
Finishing Room	1	150	150
Culinary Cooler/Freezer	1	120	120
Culinary Ware Washing	1	200	200
<b>Total</b>	<b>15</b>		<b>7,730</b>
<b>PHYSICAL EDUCATION PROGRAMS</b>			
Gymnasium	1	14,400	14,400
Auxiliary Gymnasium	1	8,000	8,000
Training Room	1	300	300
Multi-use P.E. Room – Weight Room	1	3,000	3,000
Student Locker Room	2	1,000	2,000

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Student Locker Room – Team Room	4	200	800
Student Locker Room – Team Room	1	1,500	1,500
Student Restroom/Shower	3	200	600
Physical Education Storage	4	350	1,400
Athletic Director Office	1	235	235
P.E./Athletic Office (Teachers)	2	100	200
P.E./Athletic Office (Coaches)	3	200	600
P.E./Athletic Office (Trainer, Dept. Head, Stud. Act. Dir.)	3	120	360
Staff Shower	5	80	400
Athletic Storage	2	320	640
Laundry – small	1	60	60
Laundry – large	1	150	150
<b>Total</b>	<b>37</b>		<b>34,645</b>
<b>STUDENT DINING SERVICES</b>			
Student Dining	1	7,852	7,852
Staff Dining	1	600	600
Table Storage	1	400	400
Family Restroom	1	80	80
<b>Total</b>	<b>4</b>		<b>8,932</b>
<b>FOOD SERVICES</b>			
Kitchen: Preparation Area	1	1,200	1,200
Kitchen: Serving Area	1	2,200	2,200
Kitchen: Dry Food Storage	1	518	518
Kitchen: Cooler/Freezer	1	471	471
Kitchen: Ware Washing	1	424	424
Dietician Office – Director	1	250	250
Restroom/Locker Room	2	140	280
<b>Total</b>	<b>8</b>		<b>5,343</b>
<b>CUSTODIAL SERVICES</b>			
Workroom	1	300	300
Custodial Office	1	200	200
<b>Total</b>	<b>2</b>		<b>500</b>
<b>BUILDING SERVICES (CORE FACTOR)</b>			
Large Group Restrooms	1	6,416	6,416
Custodial Closet	10	50	500
Electrical Closet	6	50	300
Telecommunications Room	6	64	384
Corridors	1	36,665	36,665
Vertical Circulation	4	350	1,400
Mechanical/Electrical Space/Decks	1	12,649	12,649
Storage Area	1	1,700	1,700
Central Storage Area	1	580	580
Loading/Receiving	1	120	120
Restroom	1	60	60

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Recycling Room	1	100	100
Outside Equipment Storage	1	540	540
<b>Total</b>	<b>35</b>		<b>61,415</b>

<b>TOTAL SQUARE FOOTAGE SUMMARY</b>	
<b>TOTAL PROGRAM AREA</b>	<b>183,326 square feet</b>
<b>TOTAL BUILDING SERVICES/CORE FACTOR</b>	<b>61,415 square feet</b>
<b>TOTAL BUILDING AREA</b> <i>(Inside face of walls)</i>	<b>244,741 square feet</b>
<b>TOTAL GROSS SQUARE FEET</b> <i>(Outside face of walls)</i> <i>(.11% construction factor)</i>	<b>271,662 square feet</b>



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Farmington, Connecticut

**EDUCATIONAL SPECIFICATIONS**

for

Farmington Public Schools Central Office Administration

**DRAFT – December 7, 2016**

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## I. INTRODUCTION

On April 7, 2015, the Farmington Board of Education approved a “*Statement of Need*” regarding the Farmington High School renovation project in compliance with Farmington Town Code Section 53-2 and directed the administration to begin planning a renovation of appropriate and necessary school space to accommodate the needs identified in the document. One of the needs identified was to “address overcrowded Town Hall office space,” which is where all of the Central Office Administration offices currently reside.

On January 12, 2016 the Farmington Town Council appointed the Farmington High School Building Committee to oversee a formal review of the *Statement of Need*, prioritize those needs and develop a plan to address such needs. The Building Committee engaged Colliers International, Kaestle Boos Associates and Daniel Hansen, educational consultant, to develop these Educational Specifications in collaboration with the superintendent and central office staff.

## III. PROJECT RATIONALE

Farmington Public Schools consist of four (4) elementary schools serving students in grades K-4; one (1) upper elementary school serving students in grades 5-6; one middle school serving students in grades 7-8; and Farmington High School serving students in grades 9-12. The Central Office Administration currently resides in the Farmington Town Hall, which is overcrowded.

### Local Space Needs:

#### FARMINGTON HIGH SCHOOL STATEMENT OF NEED

1. The Farmington Board of Education has engaged in a comprehensive school feasibility study with TECTON that included multiple observations of existing conditions, age of equipment, facility, review of history of site, building and additions, analysis of energy efficiency and options for improvement, review of existing reports (OCR, NEASC, School Safety), focus groups with faculty, administration and students, assessment of education space needs and conceptual solutions to address needs.
2. Farmington High School’s existing square footage is 218,000 sf and with the 2016 enrollment projections from the Board of Education’s 2014 approved enrollment report requires 222,202 sf.
3. The FHS NEASC study summary highlights a need to improve travel distances for faculty and staff, improve circuitous and crowded corridors and intersecting/converging students and faculty, create informal collaboration spaces for students, faculty and staff, address building systems for a controllable interior environment and address accessibility to interior and exterior areas.
4. Several spaces at FHS do not meet ADA requirements as outlined by the OCR report issued in 2013-2014, including but not limited to the auditorium, stage, music instructional spaces, some classrooms, outdated chair lift in the weight room, media center, bathrooms, portions of 2nd and 3rd floors of 1928 building, culinary space, and outdoor athletic facilities.
5. The FHS Safety and Security Study highlights accessibility issues (23 separate entry points to building), sight line issues, public/private use of building, inadequate interior and exterior lighting levels, building orientation difficulty and various issues around the multiple additions.
6. Farmington High School (FHS) has experienced several additions over many years, with an aging 1928 building in need of significant renovation as well as several additions with an inefficient building envelope impacting energy costs and efficiencies (insulation, façade, windows—except for 900 wing) as well as aging mechanical, electrical, plumbing, fire alarm and protection building systems not in code compliance.
7. Farmington High School system energy performance is lacking with a \$393,000 cost per year and in need of a “Green Design” (new or renovated MEP systems could save an average of 35% of annual costs or 140,000 per year—could realize a 45% savings depending upon solution).
8. The auditorium (poor acoustics), cafeteria, and library are undersized, impacting high school scheduling, educational programming as well as state and federal requirements on food services.
9. The additions have primarily addressed enrollment increases, but have resulted in a very large, inefficient facility

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footprint impacting not only energy costs, but security, insufficient student classroom space, a need for students to travel outside the building to travel to classes (696 student cross intersection between classes 9 times per day and 1070 feet from one side of the building to another), significant hallway congestion, inadequate use of space (30% unused space), a lack of space for robotics, lack of space for whole school staff professional learning and collaboration as well as constraints on educational programming for students.

10. With current and emerging educational requirements and demands on comprehensive high schools, FHS is in need of an efficient, functional, flexible learning facility that meets state and federal requirements and serves the diverse needs of all students.
11. The current parking is inadequate and requires expansion to accommodate the school and public use of Farmington High School's building.

The Board, therefore, directs administration to begin planning a renovation of appropriate and necessary school space at Farmington High School to accommodate new MEP needs, educational programming needs, Connecticut school safety expectations, NEASC standards and OCR/ADA regulations not currently being addressed in their entirety:

- Increase square footage aligned to enrollment projections (see #2 above)
- Maximize square footage for educational programming (see #3, #9, #10)
- Create multiple levels to the building to address inefficient sprawl and "maze" like building to increase classroom space, space for robotics and other current and emerging learning spaces (see #3, #9, #10, and #11)
- Undersized auditorium (acoustic issues), stage cafeteria and media center (see #8)
- Address multiple ADA compliance issues (see #4)
- Address Mechanical, Equipment and Piping (MEP) code compliance issues (see #3, #6, #7)
- Address Security compliance issues (see #5)
- Address overcrowded Town Hall office space as well as off-site Farmington Alternative High School space needs (#9)

A companion Educational Specifications document addresses the space needs for Farmington High School.

#### IV. THE PROJECT

**Objective:** To ensure all Farmington children are able to attend a school that is safe, modern, compliant with current building codes and able to support their educational program; to address issues identified in the *Statement of Need*.

**School:** Farmington Public Schools Central Office Administration

- **Project Type:** TBD
  - Total Program Area: 7,130 square feet
  - Net to Gross Adjustment (Net Area x .35): 2,496 square feet
  - Total Gross Square Feet: 9,626 square feet
- **Anticipated Referendum:** April 27, 2017
- **Construction Timeline:** TBD depending on project type determined

#### VI. OVERVIEW OF PROGRAMS

The Central Office for the Farmington Public Schools will be housed within the Farmington High School facility. Central office includes office spaces for the superintendent of schools, assistant superintendent, business administrator, director of special services, director of curriculum, director of technology, human resources coordinator, director of school facilities, finance manager, and payroll supervisor. The superintendent and the Central Office administration are responsible for budgeting and business operations, facilities management, technology systems, human resources, special education, continuing education and high-quality teaching and learning district wide.

Building-based administrators meet regularly with the Central Office administration and often there are professional development sessions, committee meetings, and the like. Therefore, there is a need for conference space for groups

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of twenty-five to thirty. The Central Office Facility Project and Farmington High School Facility Project shall run concurrently.

**VII. PROGRAM SPECIFICATIONS -- Detailed Description**

**CENTRAL OFFICE ADMINISTRATION**

Space Description	Qty	SF	Area
Lobby/Waiting Room	1	300	300
Superintendent of Schools Administrative Office	1	200	200
Secure File Storage	1	100	100
Active File Storage	1	100	100
Superintendent's Office	1	275	275
Conference Room	1	350	350
BOE Conference Room	1	700	700
Asst. Supt. of Schools Administrative Office	1	150	150
Assistant Superintendent Office	1	250	250
Business Administrator's Office	1	250	250
Accounts Payable Office	1	150	150
Finance Manager Office	1	150	150
Payroll Coordinator Office	1	150	150
Supervisor of Student Activities Accounts	1	150	150
Human Resources Office	1	300	300
Director of School Facilities Office	1	175	175
Maintenance Mechanics Office	1	150	150
Transportation Coordinators Office	1	150	150
Work/Copy Area	1	150	150
Break Room	1	400	400
Director of Curriculum Office	1	200	200
Special Services Administration Office	1	400	400
Director of Special Services Office	1	200	200

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Supervisor of Special Education Office	1	175	175
Conference Room	1	300	300
Work/Copy Area	1	150	150
Director of Technology Office	1	175	175
IT Workroom	1	550	550
IT Storage Room	1	200	200
Head End	1	80	80
UPS Storage Room	1	100	100
<b>Total program space:</b>			<b>7,130</b>

#### **VIII. COMMUNITY USE**

The only community use of the Central Office Administration program space would be for Board of Education meetings.

#### **IX. ENVIRONMENT -- SYSTEMS -- EQUIPMENT**

The Building Systems specifications will align with those identified in the "Educational Specifications for Farmington High School;" a project that will run concurrently with this Central Office Administration project.

**EDUCATIONAL CONSULTANT**

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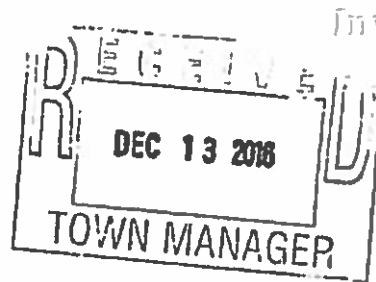
Kathryn Howroyd *KH*  
 Management Specialist, Town Manager's Office  
 1 Montelth Drive  
 Farmington, CT 06032

December 13, 2016

Kat,

This is a list of the work I have done related to the Farmington High School Educational Specifications Project from late October to date. It has been a pleasure to work with Farmington on the project.

Dan



Date	Hours	Location	Description of Work	Fees:
10/26/16	2	FHS	Initial mtg with Bill Silva and KBA	\$150
10/31/16	2	Home	Review of FPS, FHS documents	\$150
11/2/16	3	Town Hall	Consolidation of Space Mtg	\$225
11/2/16	2	FHS	Kick-off mtg with KBA, Colliers, O&G	\$150
11/3/16	2	Home	Initial document layout/format; review of Core documents	\$150
11/7/16	4	Home	Academic Core Ed Specs	\$300
11/14/16	5	Home	SPED Ed Specs	\$375
11/15/16	6	Home	Media, Arts, Music, Perf Arts, PE, Career Tech	\$450
11/16/16	6	Home	Food Services, Custodial, Building Services	\$450
11/17/16	3	Home	Reviewing staff interview notes; make updates	\$225
11/18/16	2	FHS	Mtg with Bill Silva to review Ed Specs to date	\$150
11/21/16	6	Home	Adj. specs from Friday's mtg / Academic Core/SPED	\$450
11/22/16	5	Home	Administration and Learning Commons	\$375
11/23/16	4	Home	Update KBA space adj.; Science labs, application, sped	\$300
11/26/16	5	Home	Visual Arts, Performing Arts, Music, Career Tech	\$375
11/27/16	3	Home	PE, Student dining, Food Services	\$225
11/28/16	6	Home	Narrative, adj to detailed descriptions; review	\$450
11/29/16	3	FHS	Ed Spec reviews with various departments	\$225
11/29/16	3	Home	Make adjustments based on meetings	\$225
11/30/16	5	Home	Final prep of draft Ed Specs; deliver to K. Greider	\$375
12/3/16	2	Home	Complete edits to first draft	\$150
12/5/16	2	Home	Additional edits	\$150
12/6/16	2	Home	Building Systems edits	\$150
12/6/16	2	Town Hall	Feedback work session	\$150
12/7/16	10	Home	Create final edits for submission; create CO Ed Specs	\$750
12/8/16	1	Home	Edit CO Ed Specs	\$75
12/11/16	1	Home	SF adjustment; update Ed Specs for BOE	\$75
12/12/16	2	FHS	BOE Mtg - First Read of Ed Specs	\$150
<b>Total Hrs:</b>	<b>99</b>			<b>Total Fee to date: \$7,425.00</b>

APPROVED FOR PAYMENT  
 MARC SYLENKO  
 Colliers International  
 Date: 22DEC16