# Agenda Farmington High School Building Committee Wednesday, December 14, 2016 Farmington High School Library 4:30 PM

A.	Call to Order.	
В.	Public Comment.	
C.	Minutes.	
	1) 2)	To approve the attached December 7, 2016 minutes. (Attachment 1) To approve the attached December 8, 2016 minutes (community meeting). (Attachment 2)
D.	Reading of Communications and Written Appeals  1) Nora Benanti- Correspondence (Attachment 3)	
E.	Report 1) 2) 3) 4) 5)	ts/Updates. Architect Report (Dominov) Owner's Representative Report (Sklenka) Construction Manager Report (Biega) Financial Report (Eagen) Educational Specifications (Greider)
F.	To authorize the Town Manager to sign an agreement with for Geotechnical Engineering Services in the amount of \$	
G.	To authorize the Town Manager to sign an agreement with for Hazardous Materials Building Inspection in the amount of \$	
н.	To approve the attached invoice from Kaestle Boos Associates in the amount of \$8,920. (Attachment 4)	
I.	To approve the attached invoice from Colliers International in the amount of \$7,882. (Attachment 5)	
J. ,	To discuss and review the three (3) draft conceptual options.	
K.	Other Business.	
L.	Adjournment.	
cc:	Committee Members Paula Ray, Town Clerk Interested Parties	

# Minutes Farmington High School Building Committee Wednesday, December 7, 2016

#### Present:

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

Kathy Eagen, Town Manager Kathy Greider, Superintendent Russ Arnold, Director of Public Works Bill Silva, High School Principal Tim Harris, Dir. Of School Facilities Meredith Trimble, Town Council Liaison 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 Kurt Lavaway Colliers International Scott Pellman, Colliers International Ken Biega, O&G Industries, Inc.

#### A. Call to Order.

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

#### B. Public Comment.

Tim Kelly, 62 Westview Terrace, Unionville, requested that the committee evaluate other designs including a renovate- as-new approach to optimize state reimbursement.

Pam Fisher, 5 Jules Court, Unionville said that there are some concerns regarding square footage but reminded the committee that currently there is an auditorium and cafeteria that are too small, multiple locations (including bathrooms, gym and auditorium) that are not ADA compliant. She believes that the square footage may need to be increased to address these issues. She also emphasized the importance of private rooms for special education and believes there is more success in a private setting. She does not think that keeping 75% of the existing building will correct the sprawl issue.

#### C. Minutes.

- 1) To approve the attached November 30, 2016 minutes. Upon a motion made and seconded (Baron/Kleinman) it was unanimously VOTED: to approve the November 30, 2016 minutes.
- D. Reports/Updates.
  - 1) Architect Report (Dominov)

After receiving feedback over the last week, Kaestle Boos presented another option to the committee. The final concept designs will be complete and ready for cost estimates on December 30<sup>th</sup>.

Paul Dominov presented a concept that keeps 75% of the building that is at least 30 years old. Luke McCoy presented the site plan for the renovation option as well as additional site options as a result of feedback he received requesting more fields. A copy of the presentation is recorded with these minutes.

Upon a motion made and seconded (Baron/Kleinman) it was unanimously VOTED: to remove "Option B" (presented at the 11/30 meeting) and add "Option D" (presented today, 12/7) to the presentation of the three conceptual drawings.

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

Scott Pellman, Colliers International, informed the committee that the RFPs for geotechnical engineering services and hazardous materials were issued on December 1<sup>st</sup>. The RFPs were posted on both the Farmington Public Schools website and the State of CT Department of Administrative Services website. There was a site visit/building walk-through on December 7<sup>th</sup> and seven (7) firms attended. The RFPs are due on December 13<sup>th</sup> and Colliers will work diligently to present the a recommendation to the FHS Building Committee at their December 14<sup>th</sup> meeting.

Marc Sklenca announced that he will update the committee regarding the FHS tours during Agenda Item F.

#### 3) Construction Manager Report (Biega)

Ken Biega, O&G Industries, Inc. informed the committee that he will work with Kaestle Boos Associates and Colliers International to begin a preliminary phasing analysis and site logistics.

# 4) Financial Report (Eagen) No Report.

#### 5) Educational Specifications (Greider)

Superintendent Kathy Greider reported that the Board of Education is meeting on December 12<sup>th</sup> for the first reading of the educational specifications and on December 19<sup>th</sup> for the second reading of the educational specifications. There will be two (2) educational specification documents, one for the FHS building and a second one for central office.

#### E. To review the "FHS Building Committee Messaging."

Town Manager Kathy Eagen reviewed the FHS Building Committee Messaging. The communications subcommittee created this document to outline the project's talking points. The document highlights the infrastructure deficiencies including state and federal requirements (ADA), security, and facility infrastructure. It also highlights that the existing high school facility does not support the collaborative, rigorous, innovative education for which the Farmington Public Schools are known. Issues include a warning from NEASC for one accreditation standard and inadequate facility layout and space that impacts teaching, learning and programming.

This messaging document is intended to create a concise and clear message of the project and is currently posted on the website, and will be referenced in the presentation to the community tomorrow.

# F. To review the program/presentation for the December 8<sup>th</sup> Tour & Community Meeting.

A draft program for tomorrow's community meeting was reviewed by the committee. The presentation will take up the majority of the meeting and then the public will have an opportunity to ask questions and comment on the three options.

It was suggested that a handout be distributed to the public at the community meeting providing information on state reimbursement. Kathy Eagen and Marc Sklenka explained that at this time we want to provide simple language regarding the reimbursement rates because the total number is unknown and will presented to the committee as the project progresses. General information will be provided to the public under the FAQ page of the website. The FAQ page is currently under construction but will be updated and available in the near future.

Marc Sklenka provided a map and talking points for the facility tour. The committee had general discussion regarding the tour route and expressed concerns regarding the tour length. Marc explained that students will be leading the tours and the groups will go in waves beginning from the auditorium. A video of Bill Wadsworth was created as an introduction to the tour and will be played in the auditorium before the tours begin.

#### G. Other Business.

Kathy Eagen requested that Committee members sit in the front of the auditorium at tomorrow's community meeting.

#### H. Adjournment.

Upon a motion made and seconded (Kleinman/Carrier) the meeting adjourned at 5:52 p.m.

Respectfully Submitted,
Kathryn Howroyd, Clerk of the Committee



# Farmington High School Building Project





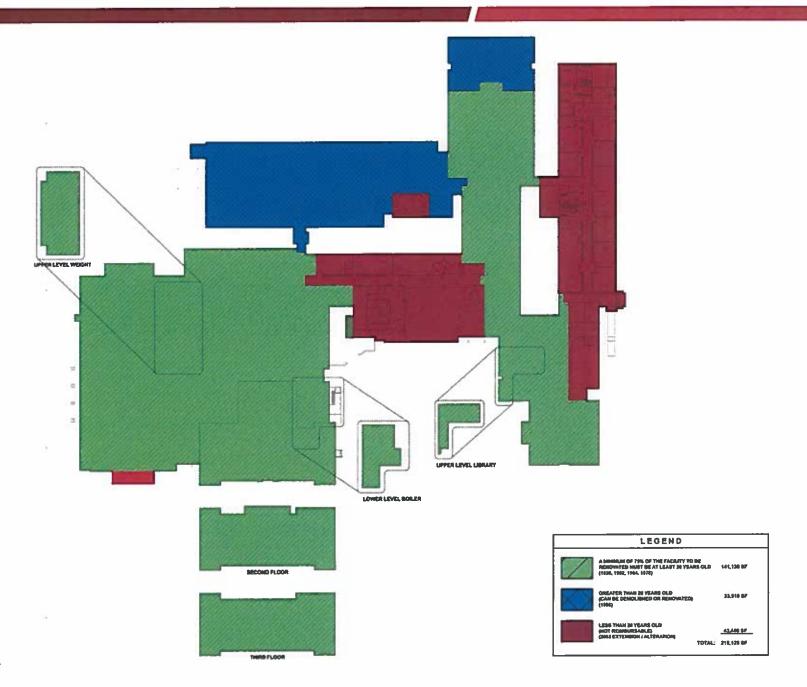


Farmington High School December 7, 2016 - PROGRESS

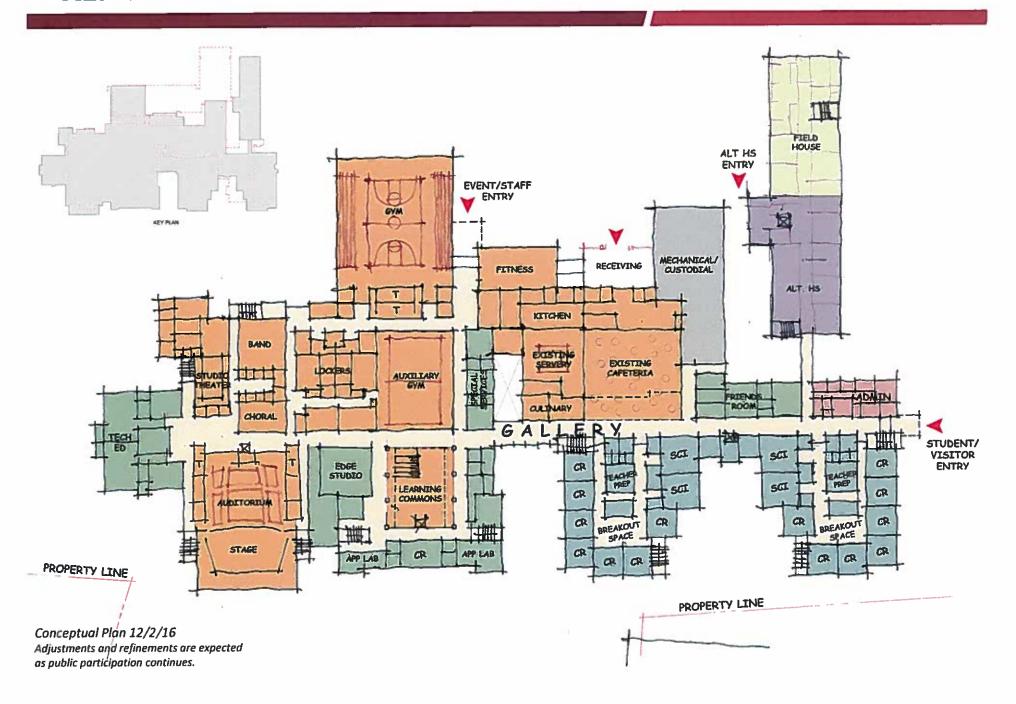
## **FHS ADDITIONS**



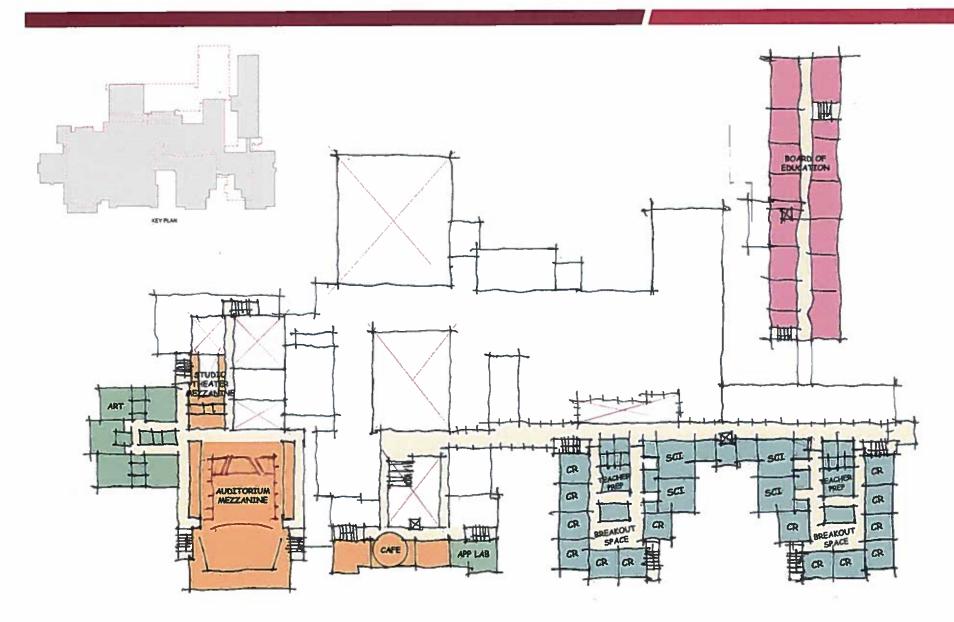
# **RENOVATE-AS-NEW ANALYSIS**



### RENOVATE-AS-NEW - MAIN LEVEL

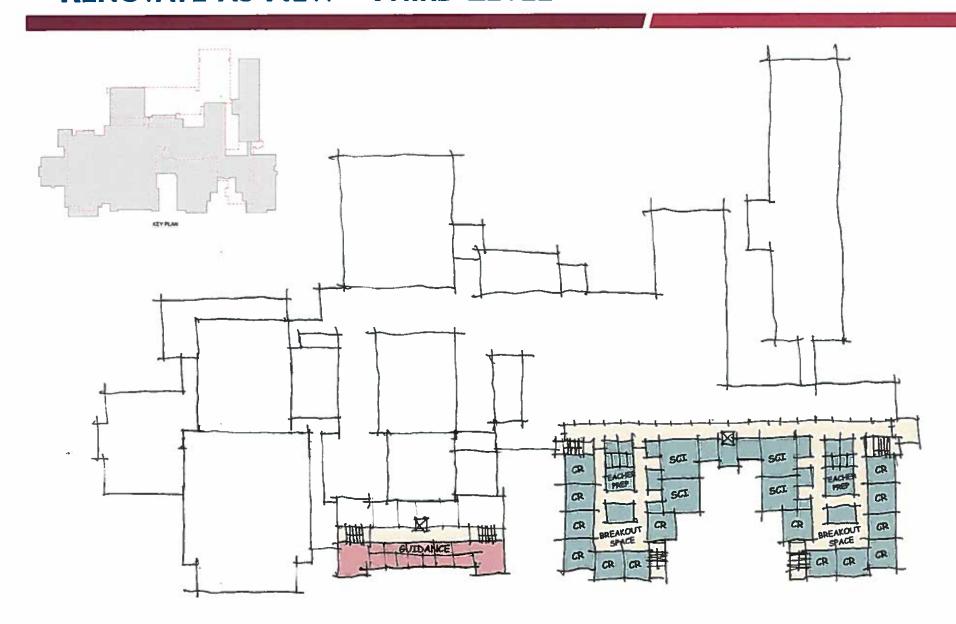


# RENOVATE-AS-NEW - SECOND LEVEL



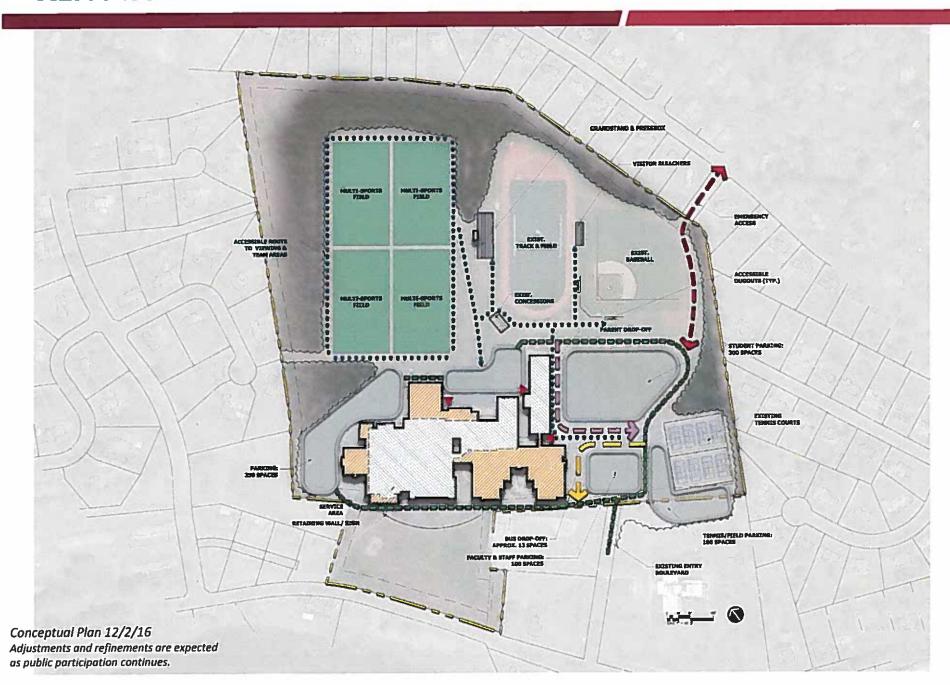
Conceptual Plan 12/2/16 Adjustments and refinements are expected as public participation continues.

# RENOVATE-AS-NEW - THIRD LEVEL

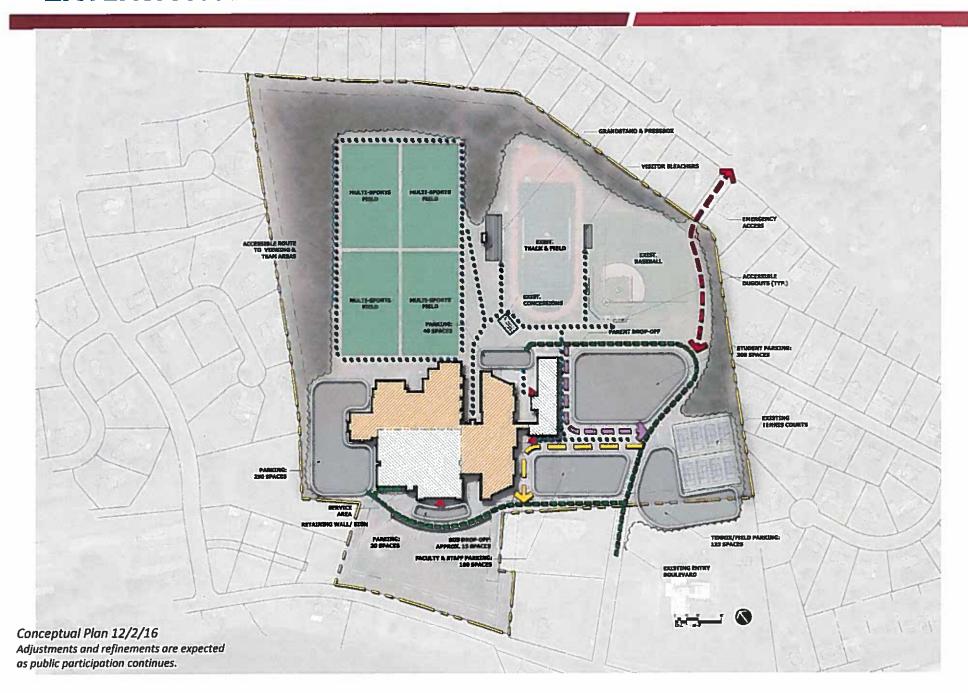


Conceptual Plan 12/2/16 Adjustments and refinements are expected as public participation continues.

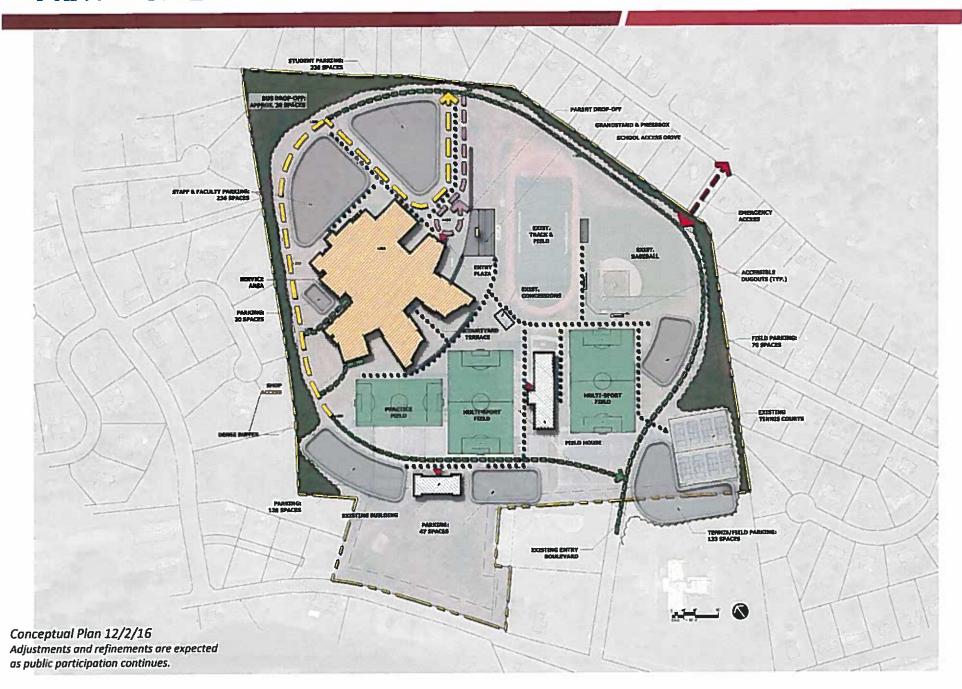
## **RENOVATE-AS-NEW - SITE**



# EXTENSION / ALTERATION - SITE CONCEPT B



## NEW - SITE CONCEPT C-1



### **NEW - SITE CONCEPT C-2**



# Farmington High School Building Project

# Q&A







#### **Building Tour – Stops and Talking Points**

Meet in auditorium lobby.

#### Stop #1 – Auditorium

- Size Should seat at least half the student body. This auditorium seats approximately one-third of the student body
- Broken seats replacements are unavailable
- Poor acoustics
- Handicap accessibility and ADA compliance No middle aisle, no handicap seating, pitch of floor on the ramps too steep, stage not handicap accessible, orchestra pit not handicap accessible.

#### Stop #2 - Large Gym

- Poor location, creates unacceptable level of noise when an athletic event is held at the same time as a music or drama event
- Common lobby with the auditorium gets too crowded
- Size this gym is undersized and there is no space around the perimeter of the court for people to walk when the stands are pulled out
- Handicap accessibility/ADA compliance Bleachers are not handicap accessible and to convert bleachers would eliminate a significant amount of seating
- No air conditioning. This is important because the gym is our graduation site in case of rain and is also used for districtwide concerts in the spring. There is no other facility in town that can accommodate these events.
- Built in 1980 when student enrollment was 800

#### Stop #3 – Chorus Room

- Built for a student population of 800 students; we are now at 1,200 students
- Size the room is too small for large group instruction. The same is true for the band room across the hall
- Handicap accessibility and ADA compliance These classrooms have tiered flooring, which is not
  accessible for handicap students and not in compliance with the ADA
- Not air-conditioned
- Insufficient storage

#### Stop #4 – Counseling Conference Room

- This is the only conference room that counseling has it their disposal
- Size too small for the meetings that take place: 504 meetings, teacher/parent meetings, and over 120 college rep visits each year.

#### Stop #5 – Counseling Office

- Building issues and the location of being partially underground results in mold and moisture issues here. There have also been radon issues in this area.
- Counseling offices for individual counselors are too small. Counselors meet regularly with students, parents, and teachers in these offices and are frequently jammed in.

#### Stop #6 – Room 205

- This is the world language area. World language are core academic classes, and this location puts students far from all the other academic areas. As a result, students are frequently late to and from classes in this area.
- Classrooms on this floor are small; class sizes need to be limited.

• No air conditioning on this floor. Climate control on this floor and in this entire building is very poor. Rooms are often too hot or too cold.

#### Stop #7 – Room 304

- This is an art room and is the largest art room
- You see tiles missing from the floor and ceiling panels missing. This is a result of a recent water leak from an aging water line above the ceiling. This water leak went from this room, through the second floor, and down into the music rooms. These gaining water lines exist throughout the building.
- Lack of air-conditioning and other necessary ventilation
- Mechanical systems are antiquated to the point where we cannot even run window unit airconditioners up here because the overload the electrical circuits
- None of the art rooms have sufficient storage, as you can see by all the stuff stored in the hallway

#### Stop #8 - Elevator

- Elevator does not meet code and is not ADA compliant
- Elevator is old and frequently broken and parts are no longer available. Last year, we had disabled students who missed classes on the second and third floors for a week while we tried to get parts and make repairs for this elevator. It is the only elevator access to the second and third floors.

#### Stop #9 – PPT Conference Room

Size – PPTs frequently have 10-14 participants. This room simply cannot accommodate that.
There is no other conference room available to be used. We hold over 250 PPTs a year in this room.

#### Stop #10 - Girls' Lavatory just past the main office

• This is what the student bathrooms look like. They are too small and we have too few of them.

#### Stop #11 – Room 601

- This is a specialized classroom for students with multiple disabilities. They spend most of their day in here and many non-disabled peers join them during the day. This space is significantly undersized for their needs.
- Because we have no dedicated space for occupational therapy or physical therapy, those interventions take place in this space. They should be done in their own private space.
- This student population has significant personal hygiene needs, and there is no private area to address them in this room.

#### Stop #12 – Cafeteria

- Size undersized for our population. As a result, we need to eat lunch in four separate waves. This means we serve lunch from 10:00 a.m. to 1:00 p.m. This extended lunch period requires significant resources for supervision.
- The main hallway of the school runs right through this cafeteria and takes up a great deal of space.
- The large pillars throughout the cafeteria area make it a difficult area to supervise.

#### Stop #13 – Library

- Size it is too small
- No quiet spaces for individual students to work
- No adequate spaces for students to work collaboratively without disturbing other students

#### Stop #14 – Room 805 (look into room from the library)

• This was designed to be part of the library and used as collaborative workspace for students, however, the lack of classrooms require that it be used as a regular classroom by social studies and English teachers all day. This is an example of one of the big issues with our current building, not enough classrooms.

#### Stop #15 - Room 808

- This is a conventional classroom
- It is not air conditioned

#### Stop #16 – Writing Tutorial Room (look in from the hallway)

- We have full-time math, science, social studies, and literacy tutors. They work with students and teachers all day, but we have limited space for them. In fact, the social studies tutor has no space, not even a closet, to work out of, so she floats throughout the building during the day looking for spaces to meet with students.
- These tutors are no here just for our lower performing students, they support all students, including many AP students who are looking for support as they undertake very challenging work.

#### Stop #17 – Room 608

• This is our only business room

#### Stop #18 – Intersection by Room 701

• This is known as "malfunction junction." During passing time, approximately 650 students pass through here. You can imagine the congestion.

#### Stop #19 - Room 701

- This is our amphitheater
- This space was originally intended for special events and presentations but now, because of the lack of classrooms, we utilize it as a regular classroom every period of every day.

#### Stop #20 – Room 707

- This is a math room and should be considered a generic classroom
- This entire wing has a significant moisture issue. As a result, each of these classrooms has its own dedicated dehumidifier system. Unfortunately, when these systems are running, they are loud and it can be hard for students and teachers to hear each other.

#### Stop #21 – Data Center/Data Lab (IT space)

• This at one time was classroom space that we had to give up for technology support. It should be noted that some of this technology support is for the district and not just the high school.

#### Stop #22 - Room 505

- This is a typical science classroom. These classrooms are all a combination of lecture and lab space they are all undersized for this purpose
- There is insufficient safe chemical storage connected to these rooms

#### Stop #23 – Boys' Lavatory in 500 wing

• The bathrooms in this hallway are connected to very old sewer lines and we have had multiple sewage backups in this part of the building. The most recent one resulted in the boy's bathroom being closed for over six months. Repairs have been made, but the bathrooms in this wing are still connected to the very old sewer lines.

#### Stop #24 – Room 528 and Wood Shop area

- This is a classroom for our applied arts program, which includes construction and transportation. The transportation room is next door.
- We have a large and popular construction program. This space was renovated in 1996 and was made smaller at that time.
- The equipment we need barely fits in the shop and makes the space very difficult to work in.

  Because of the small size of this room, we have to limit class sizes, and some students who want to take these courses are shut out.

# <u>Stop #25 – Transportation Shop</u> (For the tour leaders: These rooms are connected from shop to shop. You do not need to go back out through the classroom portion)

 Again, this is a popular program and due to the small space, we have to limit the number of students who can take these classes.

#### Stop #26 – Room 518/Old Culinary Arts Kitchen (just look in the window from the hallway)

- This kitchen is too small for a culinary teaching space.
- The kitchen is not ADA or handicap compliant

#### Stop #27 – Room 516

• This used to be the classroom and dining area for the culinary program. Again, due to our lack of classroom space, it is now used for one of our special education programs.

#### Stop #28 – Room 401 (Special Education suite)

- This is our special education suite. It includes classrooms and office space. Everything here is undersized.
- This space is not air-conditioned

#### Stop #29 – Old Gym

- This is a practice gym and is not suitable for interscholastic athletic contests
- As you can see by the wrestling mats stored on the floor, we lack adequate gymnasium storage space.
- This gym is used throughout the day as instructional space
- Like the rest of the spaces in this area, it is not air-conditioned.

# Stop #30 – Boys' Locker Room (check that nobody is in the boys' locker room and, if possible, bring the group through the boys' locker room)

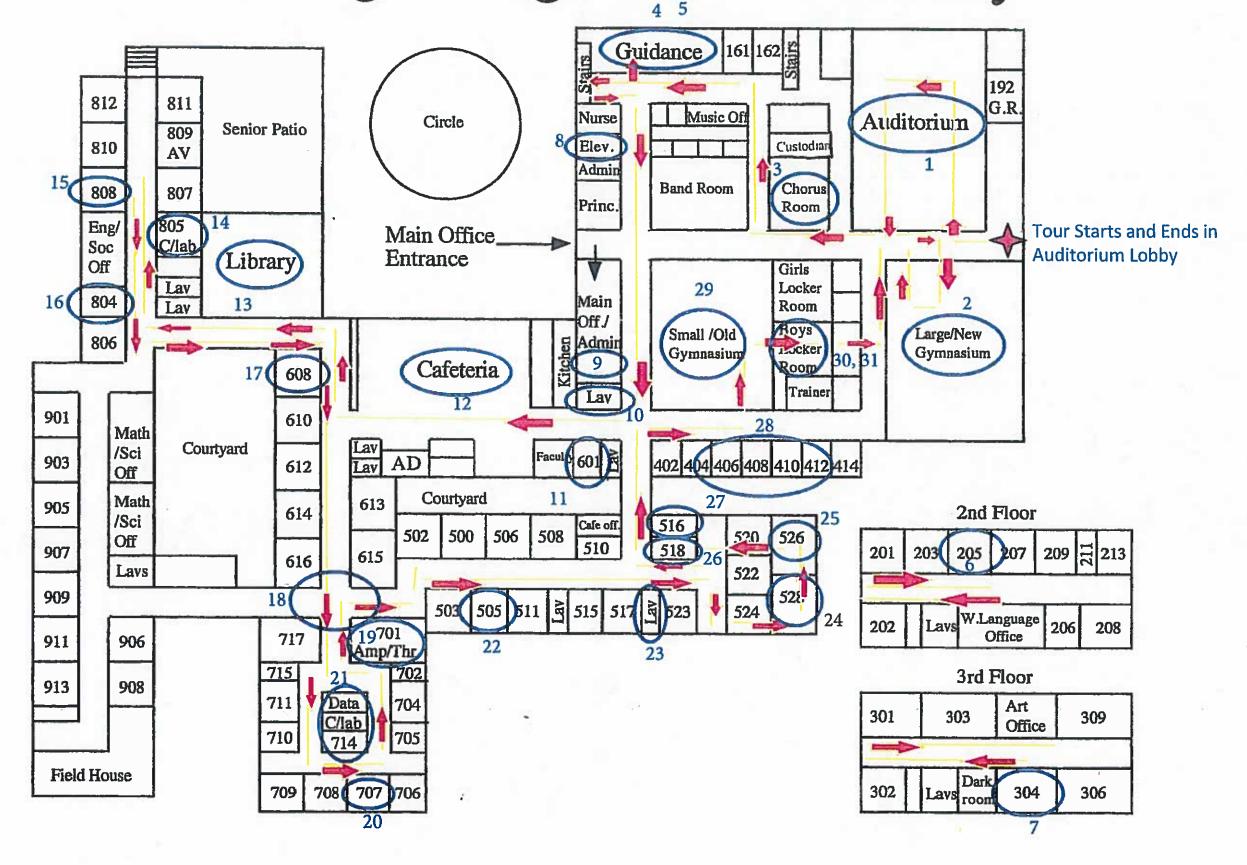
- This part of the building was constructed in 1954 and is still mostly original to that period.
- There are only two functioning showers in each locker room because the gang shower area has been converted to locker room space for in-season teams. (Tour leaders can point to this created locker room space behind the cage doors.)

#### Stop #31 – Weight Room

- This is instructional space and used throughout the day.
- This is the only fitness facility we have for all our athletic teams.
- This space is not air-conditioned and sits directly below an asphalt roof. From May to October, the temperature in this room frequently exceeds 90°.
- The lift in the middle of the room is not code compliant and is not large enough for some of our wheelchair-bound students. As a result, this space is inaccessible to some students and is not ADA compliant.

#### Return to auditorium lobby.

# Farmington High School Directory



# Minutes Farmington High School Building Committee Thursday, December 8, 2016 Community Meeting

#### A. Call to Order.

The meeting was called to order at 7:10 p.m.

#### B. Community Meeting.

Kaestle Boos Associates presented three (3) draft conceptual options to the public. A copy of their presentation is recorded with these minutes.

After the presentation, Marc Sklenka, Owner's Representative, fielded approximately 20 questions regarding phasing, educational programming, project timeline and overall cost and reimbursement.

#### C. Adjournment.

Upon a motion made and seconded the community meeting adjourned at 8:59 p.m.

Respectfully Submitted,

Kathryn Howroyd, Clerk of the Committee



# Farmington High School Building Project







Farmington High School ~ 3 CONCEPTUAL OPTIONS

December 8, 2016 - PROGRESS

# IDEAL LEARNING ENVIRONMENTS

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

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;

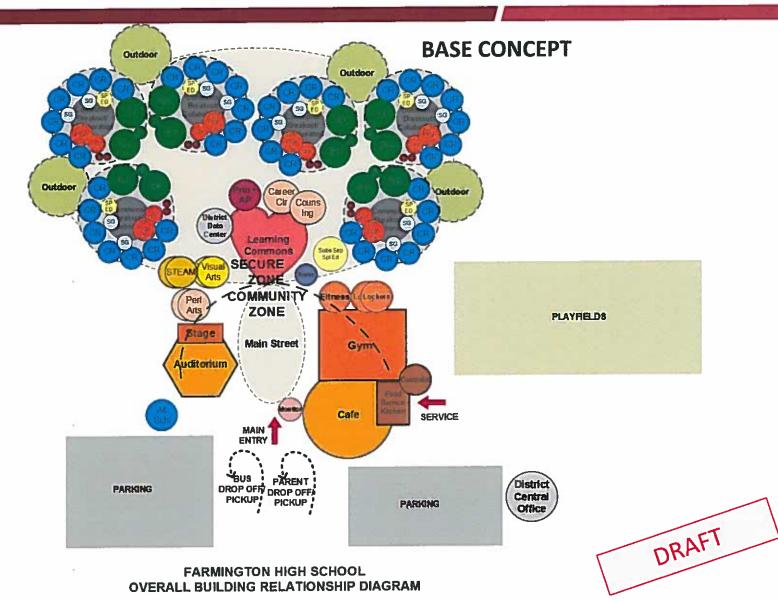
6. Creativity – a technology rich, imagination rich environment to foster a maker mindset:

8. Exhibition – public places for work in progress and final products to be displayed and presented for feedback and critique; and

9. **Joyous** – 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.

# **RELATIONSHIP DIAGRAM**





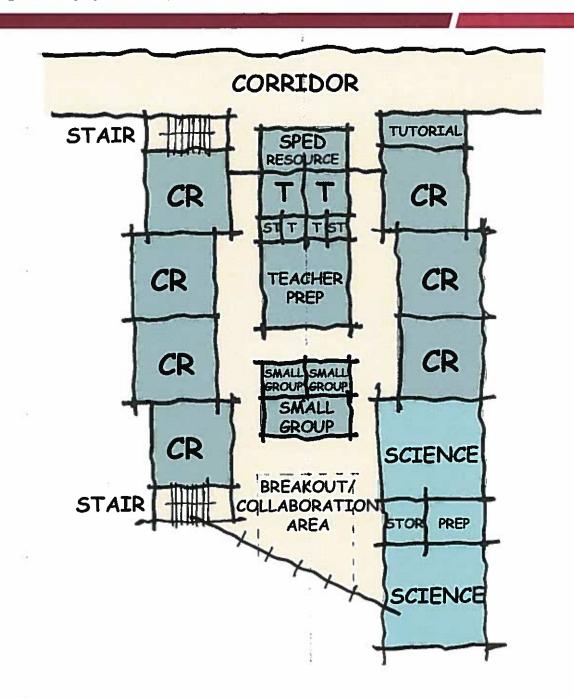


Not all spaces shown Number of Classrooms not determined

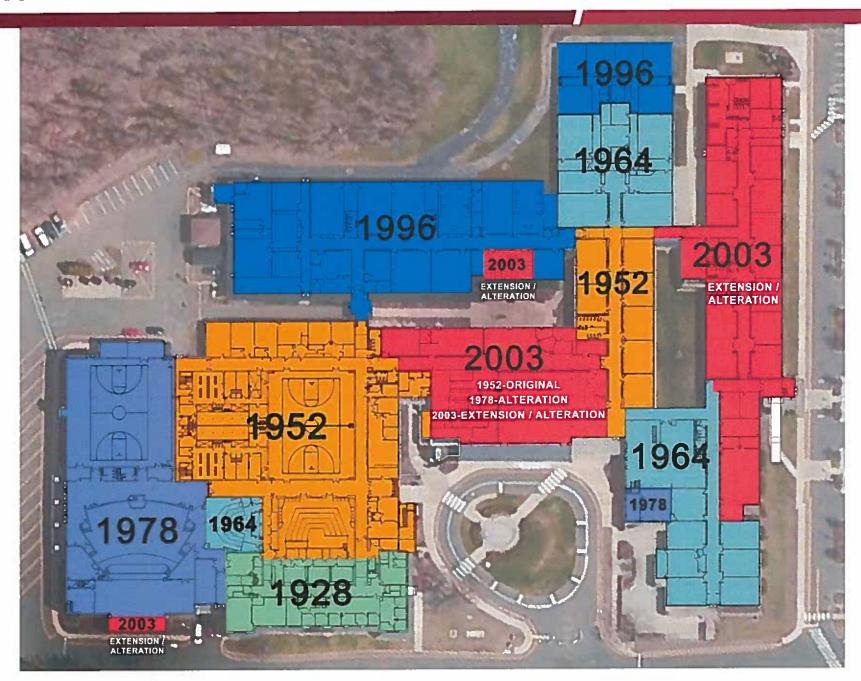
Farmington High School Educational Visioning



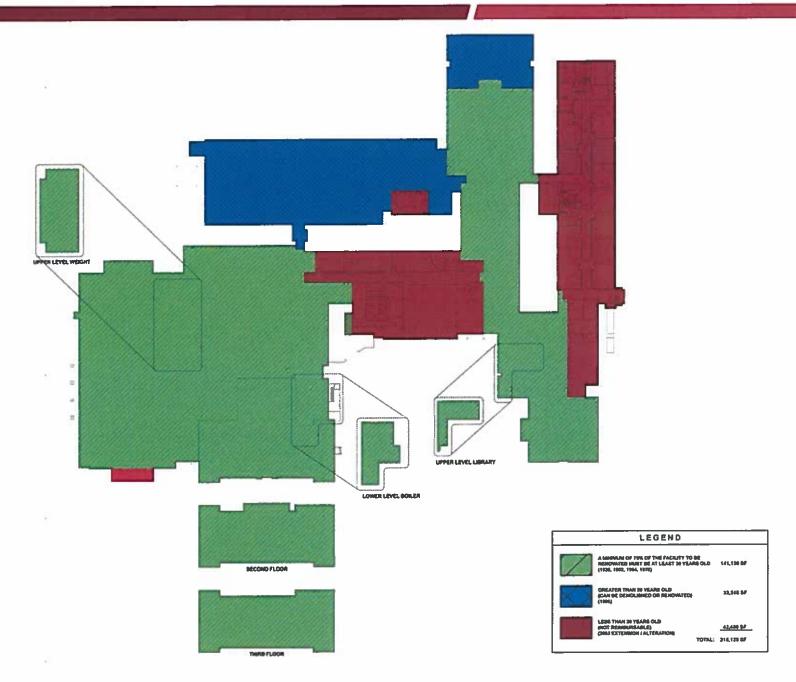
## **TYPICAL CLASSROOM CLUSTER**



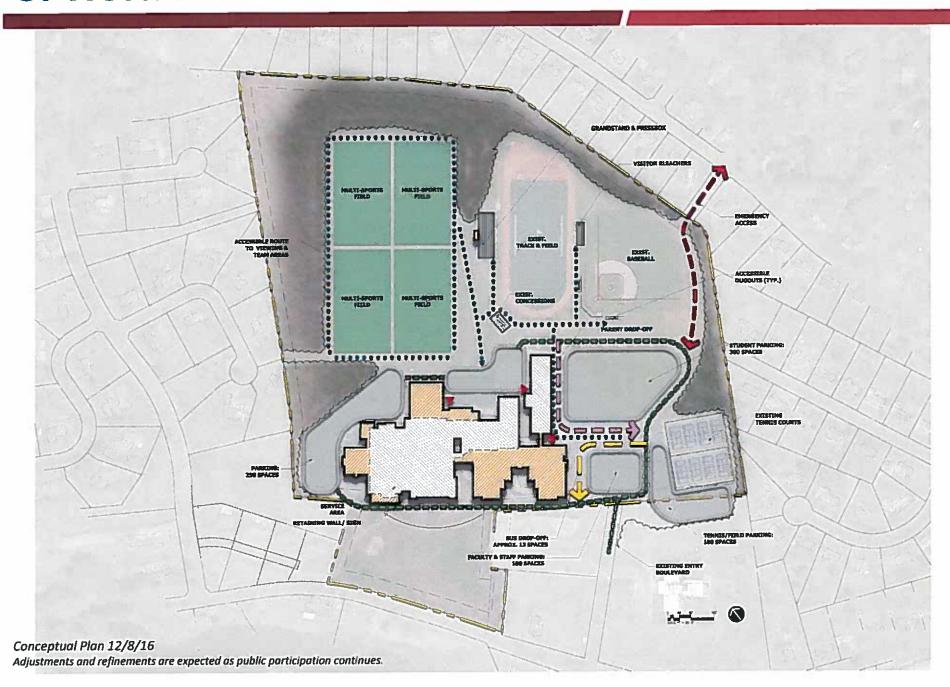
# **FHS ADDITIONS**



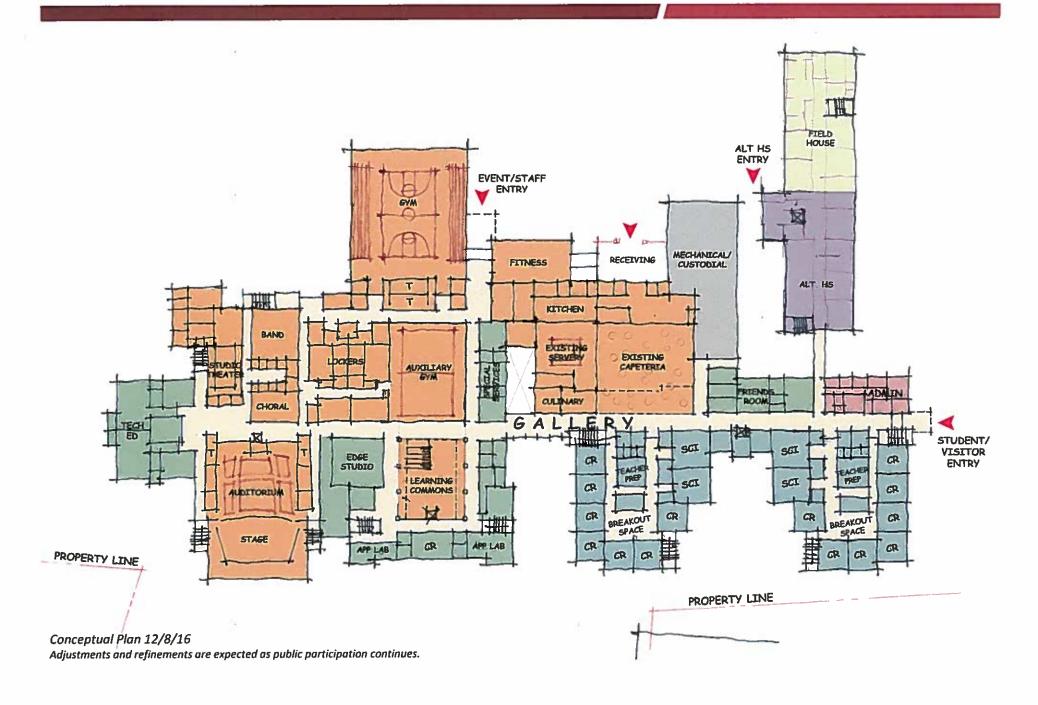
# **EXISTING BUILDING ANALYSIS**



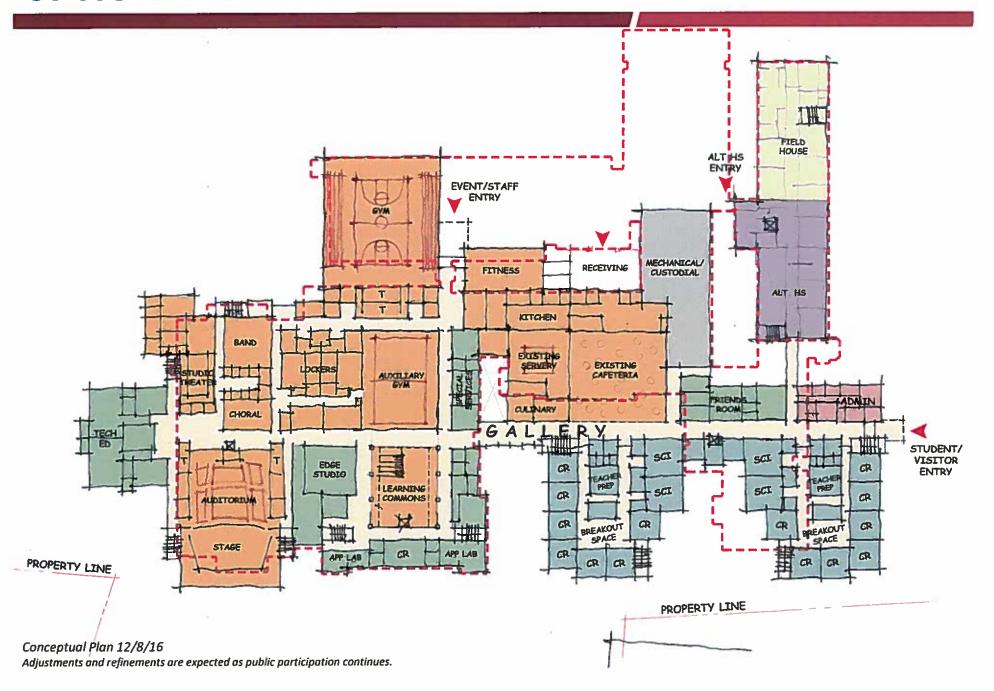
# **OPTION A - SITE**



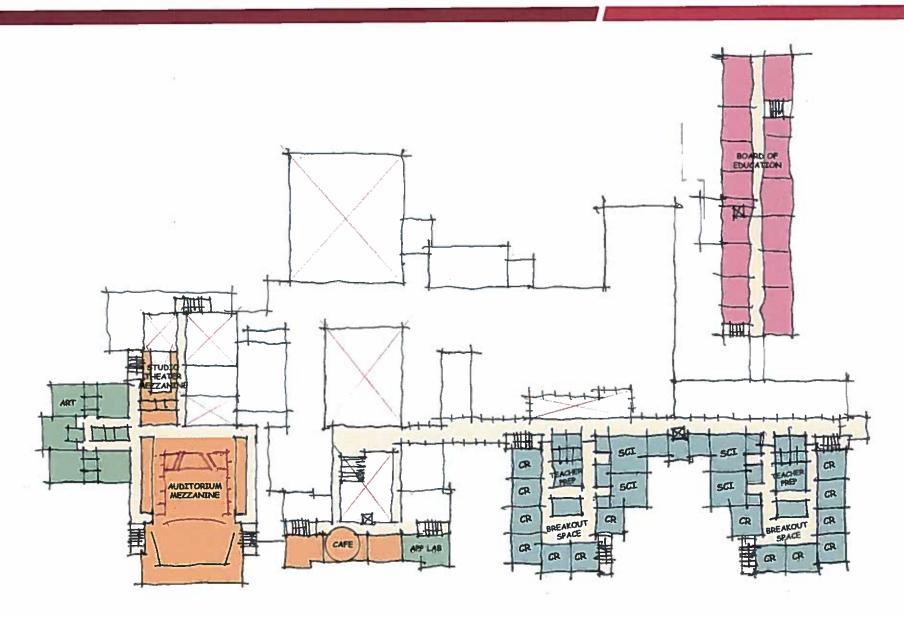
## **OPTION A - MAIN LEVEL**



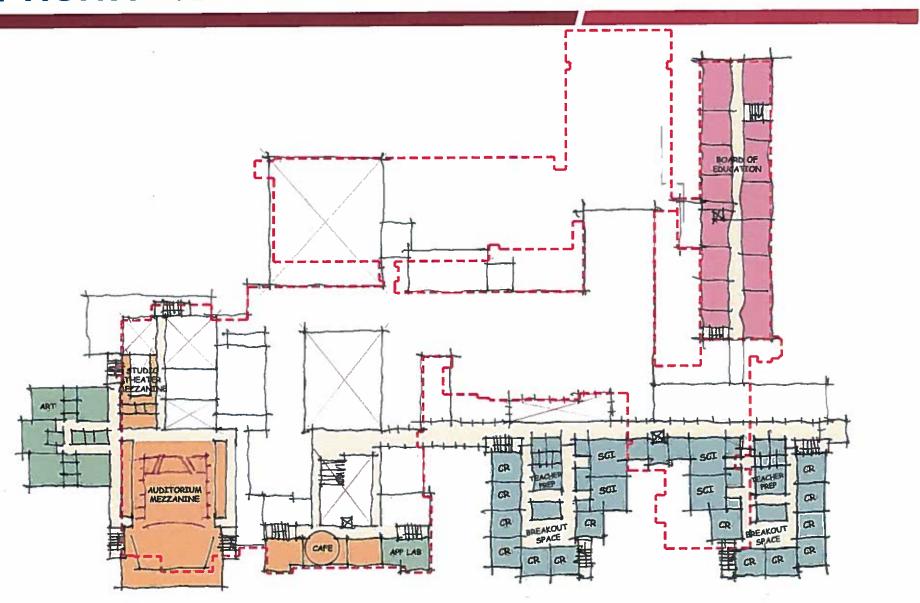
## **OPTION A - MAIN LEVEL**



# **OPTION A - SECOND LEVEL**

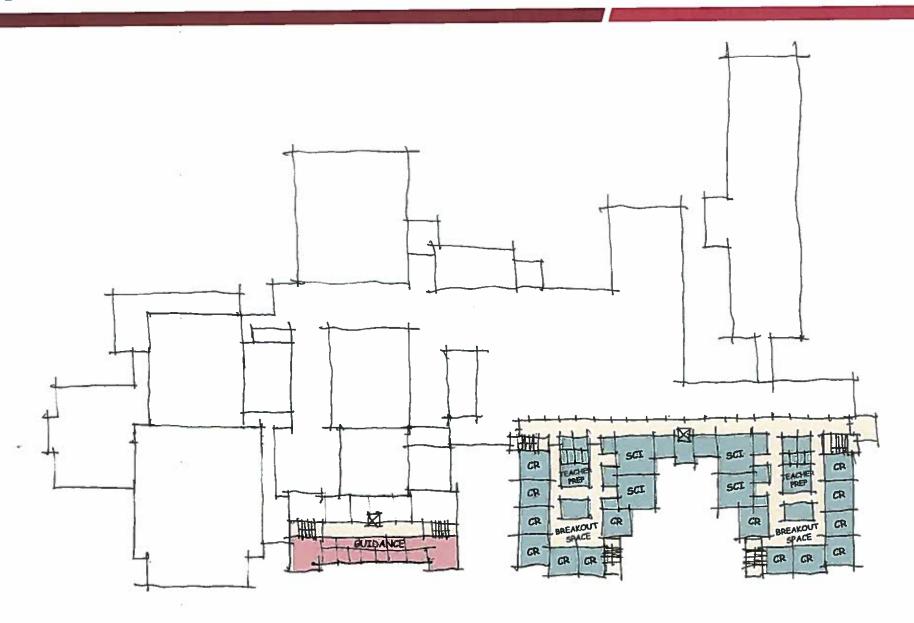


# **OPTION A – SECOND LEVEL**



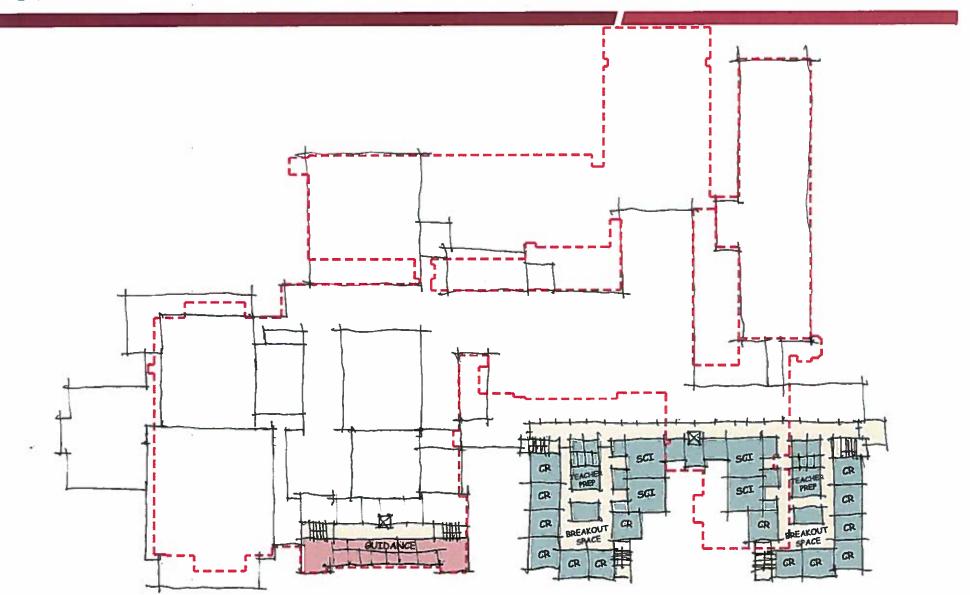
Adjustments and refinements are expected as public participation continues.

# **OPTION A - THIRD LEVEL**

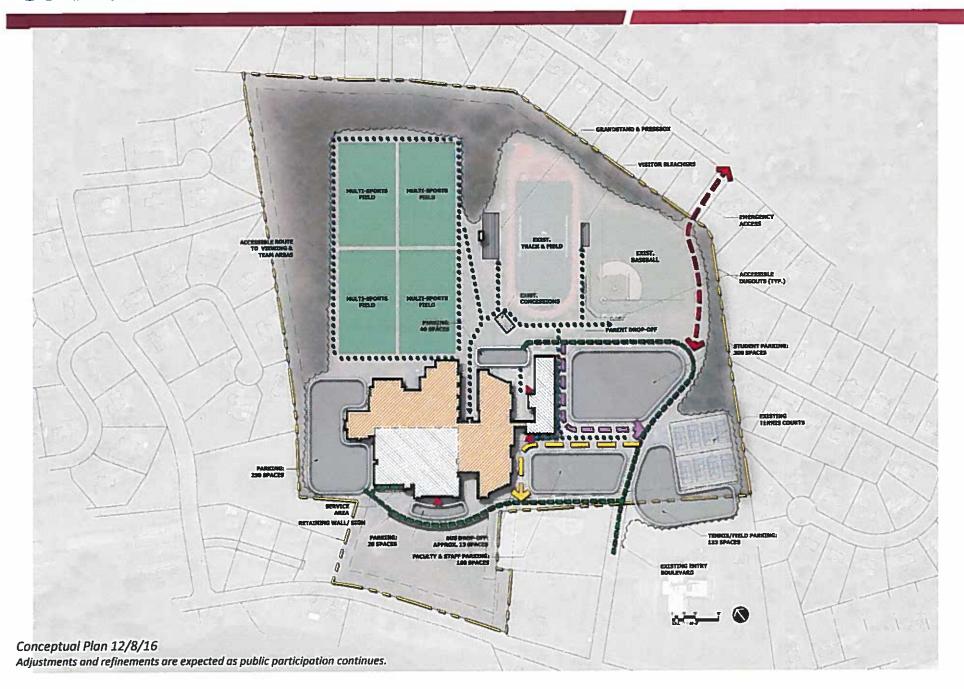


Conceptual Plan 12/8/16
Adjustments and refinements are expected as public participation continues.

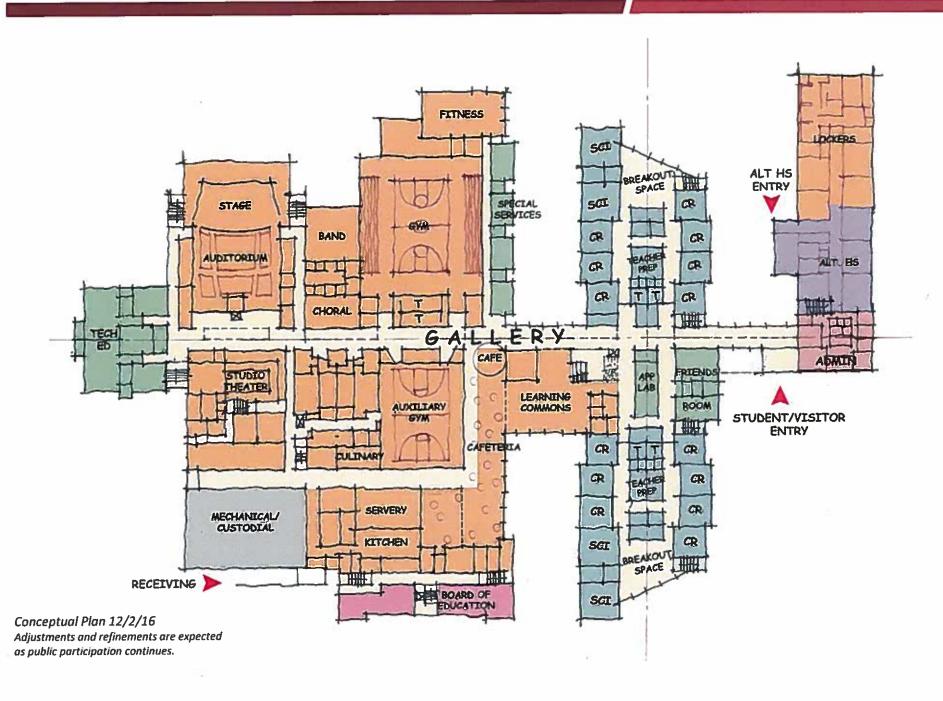
# **OPTION A - THIRD LEVEL**



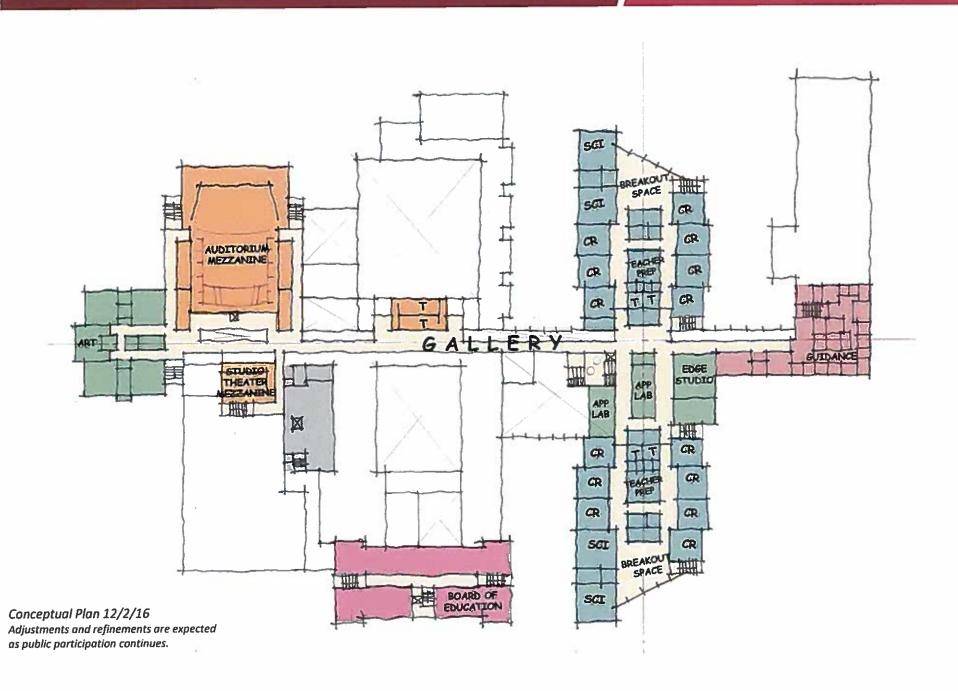
# **OPTION B - SITE**



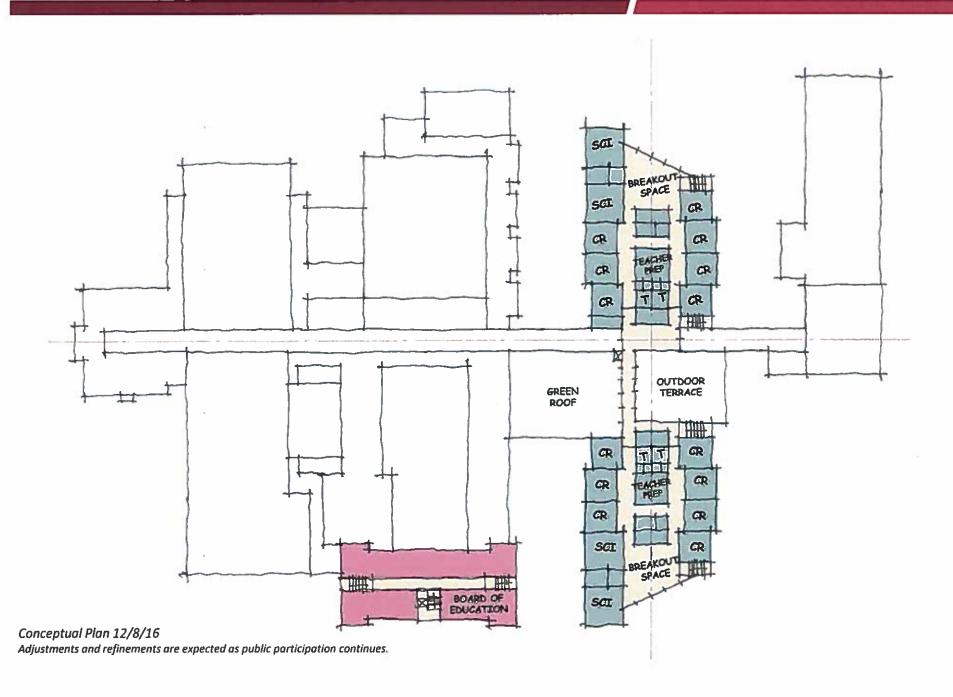
#### **OPTION B - MAIN LEVEL**



#### **OPTION B - SECOND LEVEL**



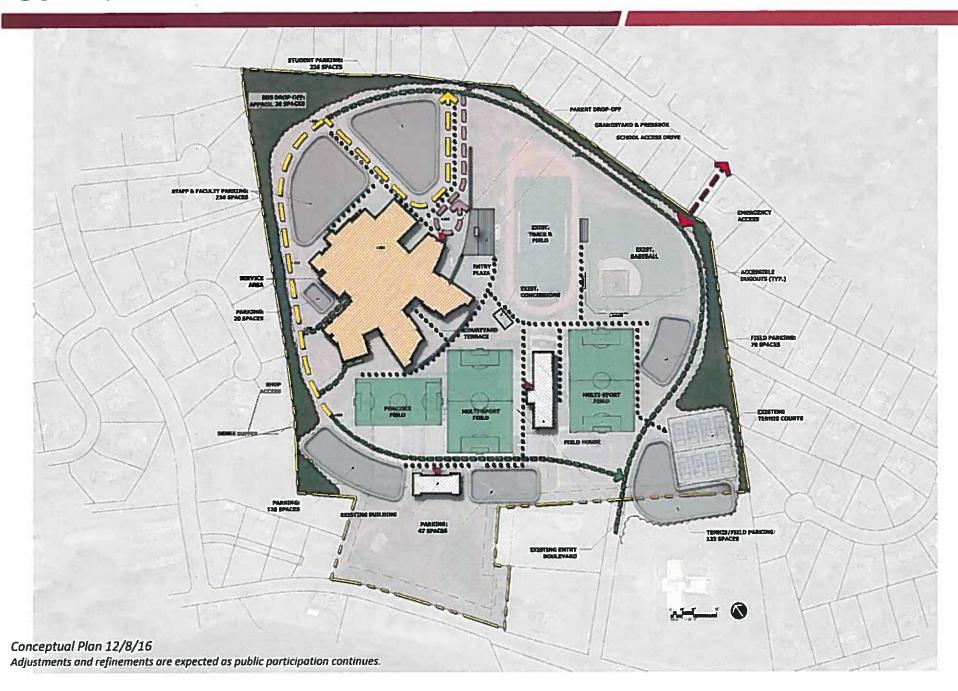
## **OPTION B - THIRD LEVEL**



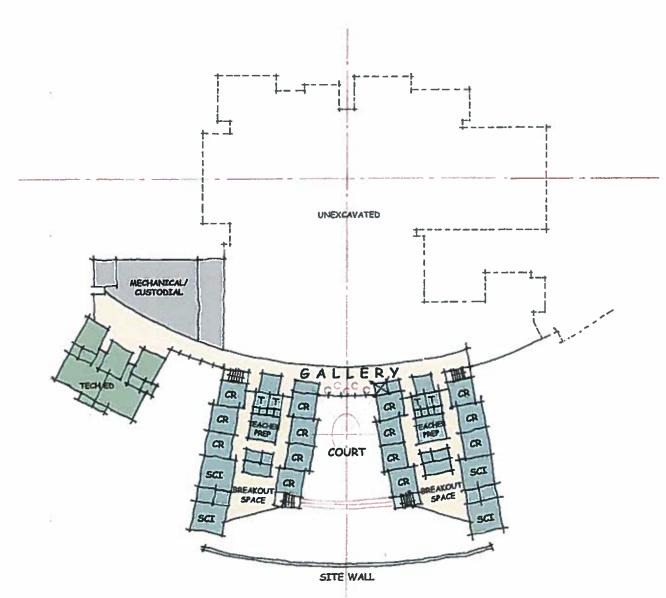
#### **OPTION C - SITE**



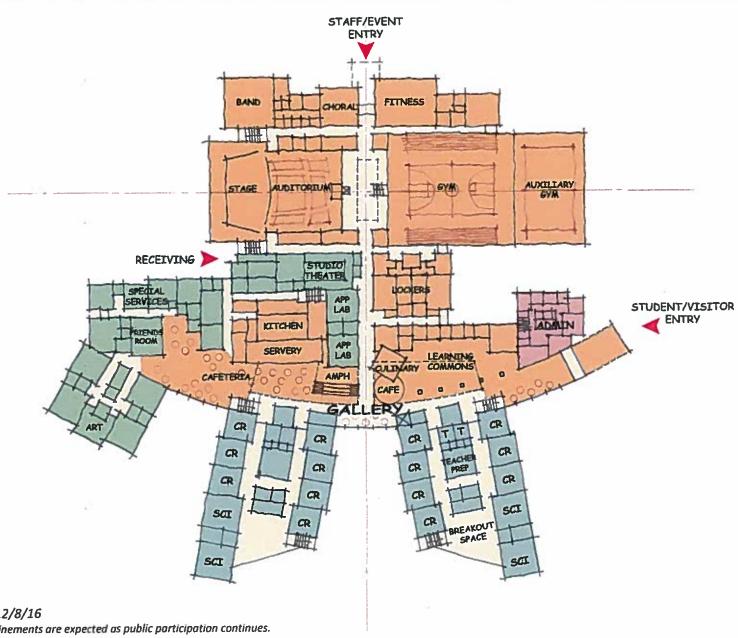
#### **OPTION C - SITE**



### **OPTION C - LOWER LEVEL**



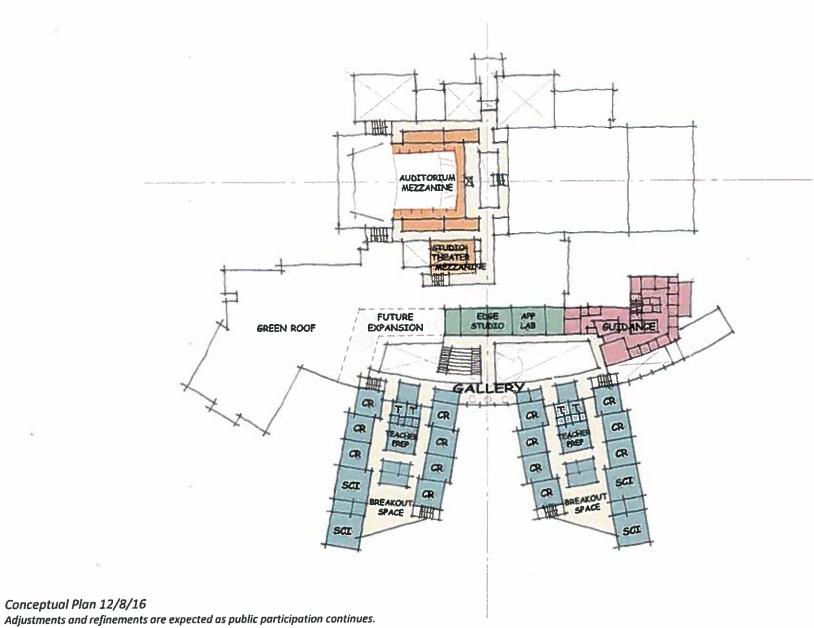
#### **OPTION C - MAIN LEVEL**



Conceptual Plan 12/8/16

Adjustments and refinements are expected as public participation continues.

#### **OPTION C - UPPER LEVEL**



Conceptual Plan 12/8/16

### **AMPHITHEATER / COLLABORATION SPACE**



# Farmington High School Building Project

# Q&A







#### **Kathryn Howroyd**

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

#### Attachment 4



KAT

ECEIVE

NOV 3 0 2016

November 29, 2016

Kathleen A. Eagen Town Manager Town of Farmington I Monteith Drve Farmington, CT 06032

Re: Farmington, CT - Farmington High School Schematic Design & Est. Farmington, CT KBA #16035.00 Invoice #2

Initial Architectural/Engineering Contract Fee Paid to Date

\$89,200.00

Description	Contract Amount	% Work To Date	Amount Billed	Previous Billed	This Inv Billed
Contract Progress Payment	89,200.00 89,200.00	35.00%	31,220.00 31,220.00	22,300.00 22,300.00	8,920.00 8,920.00
Total Fixed Fee					\$8,920.00

Invoice Total

\$8,920.00

Statement of Account

Net 30 Days

Invoice #	Date	0 - 30	31 - 60	61 - 90	91 - 120	121 +	Total AR
1	10/31/2016	\$22,300,00					\$22,300.00
2	11/29/2016 _	\$8,920,00			<u> </u>		\$8,920.00



Invoice No: 2 Project No: 16035.00

Subtotal

\$31,220.00

\$31,220.00

Total Amount Now Duc

\$31,220.00

Strategic Building Solutions, LLC dba Colliers International

Attachment 5

Invoice No.

17047

135 New Road

Madison, CT 06443

(860) 395-0055 fax(203) 779-5661

Attn: Cyndee Stewart (X121) cyndee.stewart@colliers.com

INVOICE

TO: Town of Farmington

Kathleen Eagen

Town Manager

1 Monteith Drive

Farmington, CT 06632

11/30/2018 Ínvoice Date:

Purchase Order Date:

Purchase Order Number:

Federal Tax ID Number:

Terms: Net 30 Days

**Contract Summary** 

Contract Description:

**High School Modernization** Contract Amount

Previous Invoices:

Current Billing Period & Amount: through 11/30/2016

Contract Amount Remaining:

5 months @ \$7,733/month

46,400

06-1468602

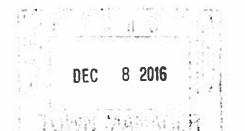
(7,733)

Current Invoice

I. Description of Services

- A Develop milestone schedule
- B Attend building committee meeting
- C Attend meeting with state of CT
- D Develop RFP's for Geotech and Hazmat services
- E Attend community outreach planning meeting
- F Develop community outreach plan

Amount Due



II. Professional Service Fee:

7,733 S

149

III. Reimbursable Expenses

\$ 117

Mileage Phone

Total

Internal Office Use:

Total this Invoice

\$ 7.882

Total Past Due

**Total Amount Due** 

7,882