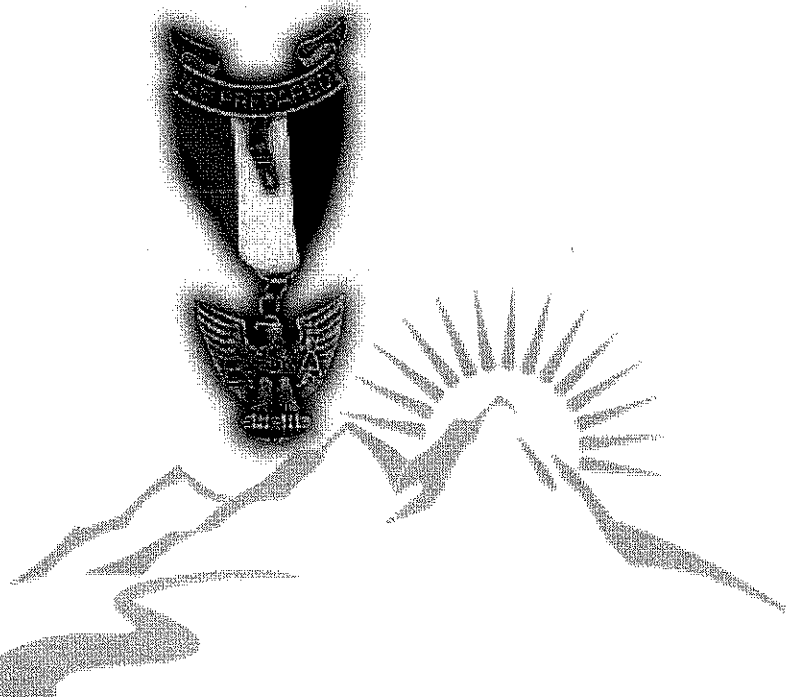


Finance Subcommittee Meeting  
Wednesday, December 5, 2012 5:30 PM  
Eastern

Central Services  
15-B North Granby Road  
Granby, CT 06035

- I. Eagle Scout Project
- II. November Statement of Accounts
- III. Solar Project
- IV. CPPAC
- V. Other



# Eagle Scout Service Project Proposal



BOY SCOUTS OF AMERICA®

Eagle Scout candidate's name William Thomas Arnone III

**Eagle Scout Requirement 5**  
While a Life Scout, plan, develop, and give leadership to others in a service project helpful to any religious institution, any school, or your community. (The project must benefit an organization other than Boy Scouting.) A project proposal must be approved by the organization benefiting from the effort, your unit leader and unit committee, and the council or district before you start. You must use the *Eagle Scout Service Project Workbook*, No. 512-927, in meeting this requirement.

# Eagle Scout Service Project Proposal

## Project Description and Benefit

Eagle Scout candidate: William Thomas Arnone III

Briefly describe the project. Attach sketches or "before" photographs if these will help others visualize it.

For my project, I plan to renovate and improve the nature trail behind F.A. Kearns Primary School in Granby, CT. See attached map. The trail is very beat up and you can barely follow it. The trail is blocked in many places because of the October storm last year. See photos 1,2, and 3. My project is to redefine, clear, outline, and mark the trail, and make signs for the entrance and exit. See sketch 1 and photos 4 and 5. The trail will be outlined, only in the open areas to keep hikers on the trail, with nearby rocks and fallen trees. See photo 6. The trail currently has 18 posts that have some local plant and tree information on them. The plan is to redo the plaques on the existing posts and shorten some of the taller posts so the shorter students can read them. See photos 7 and 8. See attached sketch 2 for the design of the posts with the new plaques. My project plans to build about 10 additional posts to identify more local trees, rocks, wildlife and the seven principles of "Leave No Trace". The project will also include garbage cleanup along the trail, the woods nearby and around the school. I will also provide the school with a detailed map of the trail.

Tell how your project will be helpful to the beneficiary. Why is it needed?

The trail is not currently being used by the school. Students and teachers at the F. A. Kearns Primary School will be able to use it for learning. The trail could be used for classes and during recess. The beneficiary wants the trail to be educational, but still fun.

When do you plan to begin work on the project? As soon as approved weather permitting.

How long do you think it will take to complete? 160 man hours over two weeks for the project.

## Giving Leadership

Approximately how many people will be needed to help on your project? Myself and 3 volunteers throughout the project to sufficiently do my project in the two weeks

Where will you recruit them (unit members, friends, neighbors, family, others)? Explain:

I will get help from members of my troop, scout leaders, family, friends, and anyone wanting to help from the school. To get scouts to help, I will have sign-up sheets at the meetings and include information in the troop newsletter. To get family and friends to help, I will talk to them and send out an e-mail. To get volunteers from Kearns, I will put out posters having the date, place and time of the project in the school.

What do you think will be most difficult about leading them?

The main difficulties that I will face leading volunteers will be having them stay on task, communicating tasks to them, effective use of their time, and effective use of their skills. In my project, there are many different tasks. Some tasks may be able to be done at the same time and I may have difficulty leading them if this occurs. There may be a variety in age and size of my volunteers, and will need to assign tasks appropriately.

## Materials

*(Materials are things that become part of the finished project, such as lumber, nails, and paint.)*

What types of materials, if any, will you need? You do not yet need a detailed list of exact quantities, but you must show you have a reasonable idea of what is required.

Ten 4x4x6 wood posts, fourteen Lexan 12x24x0.093 polycarbonate sheets, five lb. box of deck screws, five 2x4x12 pretreated wood, and one 2x12x16 pretreated wood, white covers stock (paper), caulk and wood glue for the informational posts and the entrance and exit signs. One can of white spray paint to mark the trail.

## Supplies

*(Supplies are things you use up, such as masking tape, tarps, and garbage bags.)*

What kinds of supplies, if any, will you need? You do not yet need a detailed list or exact quantities, but you must show you have a reasonable idea of what is required.

Garbage bags, eye and ear protection, gloves and tarps for the main work. Tent stakes and string to mark the path of the trail in the beginning of the project. A first aid kit, pop-up tent, and table at the school.

# Eagle Scout Service Project Proposal

## Tools

What kinds of tools, if any, will you need?

My project will need iron rakes, spring rakes, shovels, wood chipper, saws, chainsaw, post hole digger, drills, clippers, loppers, screwdrivers, table saw, mitre saw, caulk gun and wheel barrels.

## Permits and Permissions

*(Note that property owners normally secure permits.)*

Will you need to secure permissions or permits (for example, building permits)? Who will obtain them? How much will they cost? How long will it take to secure them?

For my project I do not need any permits. I need permission from Principal Kimberly Dessert from F. A. Kearns Primary School and Tom Steinke, the School's Facilities Manager and the project beneficiary representative. No other approval is necessary.

## Preliminary Cost Estimate

*(You do not need exact costs. Reviewers will just want to see if you can reasonably expect to raise enough money to cover an initial estimate of expenses.)*

*(Enter your estimated expenses)*     **Fundraising** *Explain where you will get the money for total costs indicated below, left.*

Items	Cost	For my fundraiser, I will have bottle drive collection boxes at Kearns Primary School and in local businesses that will last 2 weeks. It will be advertised via posters at the school, social media, and possibly on the Granby PTO's website and on the school's Digital Backpack.
Materials	400	
Supplies	25	
Tools	0	
Other*	50	
<b>Total costs:</b>	<b>475</b>	

*\*Such costs as food, water, gasoline, parking, permits, equipment rental, sales tax, etc.*

## Project Phases

Think of your project in terms of phases and list what they might be. The first might be to complete your final plan. Others might include fundraising, preparation, execution, and reporting. You may have as many phases as you want, but it is not necessary to become overly complicated.

1. Finish writing up my project's final plan
2. Fundraiser - Bottle Drive
3. Research local plants/animals/rocks for informational posts
4. Clear Trail of leaves, fallen trees, and trash
5. Outline Trail with nearby fallen branches and rocks
6. Mark Trail on trees along the trail
7. Build and rebuild informational posts on the trail
8. Make noticeable trail heads at the entrance and exit of the trail

## Logistics

*(A Tour Plan has also been called a "Tour Permit." Check with your council service center to determine if one is required.)*

How will you handle transportation of materials, supplies, tools, and helpers? Will you need a Tour Plan?

Volunteers will need to find transportation to the project for themselves. I will be in charge of transporting the supplies, materials and some of the tools. Volunteers may be asked to bring certain tools if they have them. My project does not require a Tour Plan.

## Eagle Scout Service Project Proposal, continued

### Safety Issues

*(The Guide to Safe Scouting is an important resource in considering safety issues.)*

Describe the hazards and safety concerns you and your helpers should be aware of as this project is conducted.

The main safety issues that I will encounter will be the use of the chainsaw, mitre saw, table saw, and wood chipper. The school facilities manager and Boy Scouts require only adults will be able to use these tools. When using drills and saws people will need to wear safety glasses. The trail is currently covered in leaves and is hiding tripping hazards. Everyone should be wearing work gloves and have closed toe shoes. There will be first aid kits at all of the locations of my project. The volunteers using certain tools will be taught how to use those tools safely. I will come up with an emergency plan for if someone gets badly injured.

### Further Planning

*(You do not have to list every step, but it must be enough to show you have a reasonable idea of how to complete a final plan.)*

List some action steps you will take to complete a final plan. For example, "Complete a more detailed set of drawings."

- Confirm the number of the additional trail posts.
- Determine the location and topic of all trail posts along the trail.
- Modify my current trail map with a more descriptive map with trail revisions.
- Finalize design of trail entrance and exit signs, and informational posts.
- Build a trail post prototype.
- Make a schedule of steps for the work of my project.
- Finalize my project timeline.

### Candidate's Promise

*(Signed before approvals below are granted)*

On my honor as a Scout, I have read this entire workbook, including the "Message to Scouts and Parents or Guardians" on page 21. I promise to be the leader of this project, and to do my best to carry it out for the maximum benefit to the religious institution, school, or community I have chosen as beneficiary.

Signed \_\_\_\_\_

Date \_\_\_\_\_

### Unit Leader Approval\*

I have reviewed this proposal and discussed it with the candidate. I believe it provides impact worthy of an Eagle Scout service project, and will involve planning, development, and leadership. I am comfortable the Scout understands what to do, and how to lead the effort. I will see that the project is monitored, and that adults or others present will not overshadow him.

Signed \_\_\_\_\_

Date \_\_\_\_\_

### Unit Committee Approval\*

This Eagle Scout candidate is a Life Scout, and registered in our unit. I have reviewed this proposal, I am comfortable the project is feasible, and I will do everything I can to see that our unit measures up to the level of support we have agreed to provide (if any). I certify that I have been authorized by our unit committee to provide its approval for this proposal.

Signed \_\_\_\_\_

Date \_\_\_\_\_

### Beneficiary Approval\*

This service project will provide significant benefit, and we will do all we can to see it through. We realize funding on our part is not required, but we have informed the Scout of the financial support (if any) that we have agreed to. We understand any fundraising he conducts will be in our name and that funds left over will come to us. We will provide receipts to donors as required.

Signed \_\_\_\_\_

Date \_\_\_\_\_

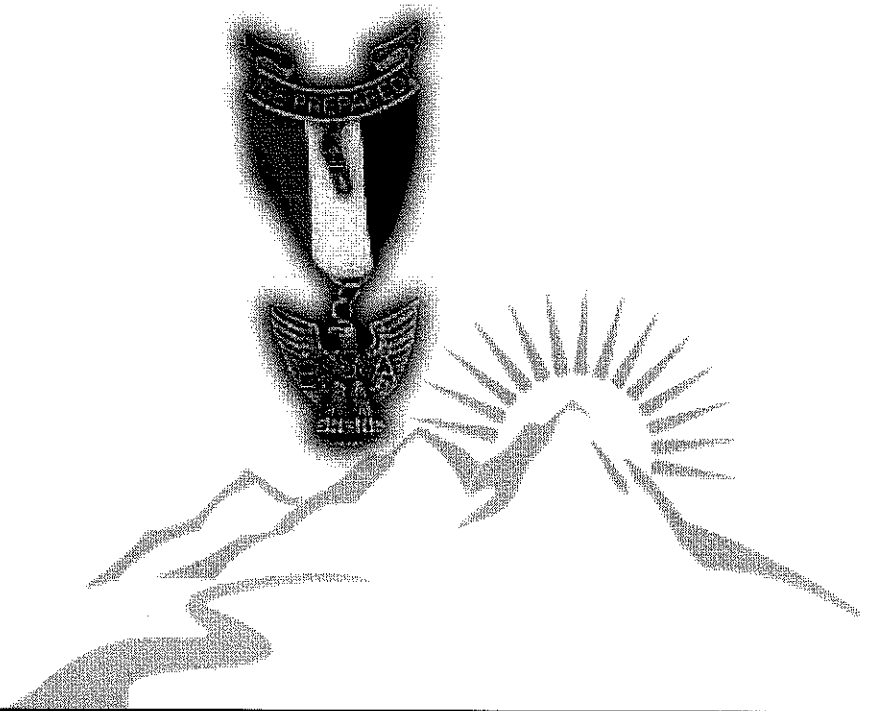
### Council or District Approval

I have read sections 9.0.2.0 through 9.0.2.15, regarding the Eagle Scout Service Project, in the *Guide to Advancement*, No. 33088. I agree on my honor to apply the procedures as written, and in compliance with the policy on "Unauthorized Changes to Advancement." Accordingly, I approve this proposal. I will encourage the candidate to complete a final plan and further encourage him to share it with a project coach.

Signed \_\_\_\_\_

Date \_\_\_\_\_

*\*While it makes sense to obtain them in the order they appear, there shall be no required sequence for the order of obtaining approvals marked with an asterisk (\*). However, council or district approval must come after the others.*



# Eagle Scout Service Project Final Plan



BOY SCOUTS OF AMERICA®

Eagle Scout candidate's name: William Thomas Arnone III

Project start date: \_\_\_\_\_ Projected completion date: \_\_\_\_\_

*Eagle Scout requirement 5 says you must "plan" and "develop" your service project. Though this final plan is a tool for your use, and is not approved or signed, it is important in helping to show you have done the required planning and development. Note, however, that it is not necessary to provide details that are not necessary to the accomplishment of your project.*

*A Scout who is prepared will complete the final plan and ask a project coach to review it with him. The council or district representative who approved your proposal may have agreed to serve as your project coach, or someone else may take on this important role. His or her involvement and review of your final plan is optional, but it can help you avoid many problems or mistakes. This can also improve your chances of passing the Eagle Scout board of review.*

# Eagle Scout Service Project Fundraising Application

Before completing this application, it is important to read the "Procedures and Limitations on Eagle Scout Service Project Fundraising." It can be found at the back of this application. Once completed, you must obtain approval from the project beneficiary and your unit leader, and then submit the fundraising application to your council service center at least two weeks in advance of your fundraising efforts. You will be contacted if it cannot be approved or if adjustments must be made. Use this form, not the Unit Money Earning Application.

## Eagle Scout Candidate

Name: William Thomas Arnone III		Preferred phone Nos.: 860-653-5653	
Address: 110 Day Street		City: Granby	State: CT    Zip: 06035
Email address: williamtarnone@gmail.com			
Check one: <input checked="" type="checkbox"/> Troop <input type="checkbox"/> Team <input type="checkbox"/> Crew <input type="checkbox"/> Ship		Unit No. 125	
District name: Matianuck		Council name: Connecticut Rivers	

## Project Beneficiary (Name of religious institution, school, or community)

Name: F.A. Kearns Primary School		Preferred phone Nos.: 860-844-3044	
Address: 5 Canton Road		City: Granby	State: CT    Zip: 06035
Email address: dessertk@granby.k12.ct.us			

## Project Beneficiary Representative (Name of contact for the project beneficiary)

Name: Thomas E. Steinke		Preferred phone Nos.: 860-844-6015	
Address: 315 Salmon Brook Street		City: Granby	State: CT    Zip: 06035
Email address: steinket@granby.k12.ct.us			

Describe how funds will be raised:

For my fundraiser, I will have bottle drive collection boxes put in Kearns Primary School and local businesses. The collection boxes will be in those certain places for a maximum of 2 weeks.

Proposed date the service project will begin: November 19

Proposed dates for the fundraising efforts: November 19th through November 30th

How much money do you expect to raise?: \$475

If people or companies will be asked for donations of money, materials, supplies, or tools\*, how will this be done and who will do it?

I will be the person who is asking managers, in person, from certain companies for donations or discounts in pricing of products for materials or supplies. I will ask for donations or discounts of lumber and Lexan Polycarbonate sheets from Miner's, which is a lumber company, Lowe's, and Home Depot. I will also ask for food donations or discounts from Stop & Shop.

*\*You must attach a list of prospective donor names and what they will be asked to donate. This is not required for an event like a car wash.*

Are any contracts to be signed? **No**                      If so, by whom?

Contract details:

See "Procedures and Limitations" following this application.

## Approvals

*(The beneficiary and unit leader sign below, in any order, before authorized council approval is obtained.)*

Beneficiary		Unit Leader		Authorized Council Approval*	
Signed	Date	Signed	Date	Signed	Date

\*Councils may delegate approval to districts or other committees according to local practices.

## Contact Information

### Eagle Scout Candidate

Full legal name: William Thomas Arnone III	Birth date: 11-14-1996	BSA PID No.*: 110572924	
Email address: WilliamTArnone@gmail.com			
Address: 110 Day St	City: Granby	State: CT	Zip: 06035
Preferred phone Nos.: 860-653-5653		Life board of review date: 01/25/2011	

\*Personal ID No., found on the BSA membership card

### Current Unit Information

Check one: <input checked="" type="checkbox"/> Troop <input type="checkbox"/> Team <input type="checkbox"/> Crew <input type="checkbox"/> Ship	Unit No. 125
District name: Matianuck	Council name: Connecticut Rivers

**Unit Leader** Check one:  Scoutmaster  Varsity Coach  Crew Advisor  Skipper

Name: Troy Chicoine	Preferred phone Nos.: 860-653-5653
Address: 11 Sunny Heights Road	City: Granby State: CT Zip: 06035
Email address: scoutmastert125@gmail.com	PID No.: 102517620

### Unit Committee Chair

Name: Paul McClain	Preferred phone Nos.: 860-653-3945
Address: 8 Powder Mill Lane	City: North Granby State: CT Zip: 06060
Email address: phmcc@cox.net	BSA PID No.: 6365618

### Unit Advancement Coordinator

Name: Jennifer Jalbert	Preferred phone Nos.: 860-653-7187
Address: 10 Sunny Heights Road	City: Granby State: CT Zip: 06035
Email address: jalbertj@cox.net	

### Project Beneficiary *(Name of religious institution, school, or community)*

Name: F.A. Kearns Primary School	Preferred phone Nos.: 860-844-3044
Address: 5 Canton Road	City: Granby State: CT Zip: 06035
Email address: dessertk@granby.k12.ct.us	

### Project Beneficiary Representative *(Name of contact for the project beneficiary)*

Name: Thomas E. Steinket	Preferred phone Nos.: 860-844-6015
Address: 315 Salmon Brook Street	City: Granby State: CT Zip: 06035
Email address: steinket@granby.k12.ct.us	

### Your Council Service Center

Council name: Connecticut Rivers	Phone No.: 860-289-6669
Address: 60 Darlin Street	City: East Hartford State: CT Zip: 06108
Email address: eagleworkbook@ctrivers.org	

### Council or District Project Approval Representative

*(Your unit leader, unit advancement coordinator, or council or district advancement chair may help you learn who this will be.)*

Name: RL Guglielmetti	Preferred phone Nos.:
Address: 28 Barry Lane	City: Simsbury State: CT Zip: 06070
Email address: furnitureemp@comcast.net	

### Project Coach

*(Your council or district project approval representative may help you learn who this will be.)*

Name: Peter Jalbert	Preferred phone Nos.: 860-653-7187
Address: 10 Sunny Heights Road	City: Granby State: CT Zip: 06035
Email address: jalbertp@cox.net	



ENERGY PURCHASING PROGRAM  
PARTICIPATION AGREEMENT

Participant: \_\_\_\_\_ Participant Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

**Article 1. Agency.** Participant desires to participate in the Energy Purchasing Program, a component of the CCM Energy Program, for purchase Solar Electricity CCM Services, LLC (“CCM Services”) has retained Bay State Consultants, LLC (“Bay State”) to assist CCM Services in enabling Participants to achieve cost-effective purchase of solar electricity under the Energy Purchasing Program. By executing this agreement for services (the “Agreement”) the Participant hereby authorizes CCM Services and Bay State to act as its exclusive agents to negotiate with any and all solar suppliers (“Energy Suppliers”), for and on behalf of the Participant and in the name of the Participant during the term of this Agreement for the purposes specified herein. The goal of these negotiations is to achieve prices that are cost-effective for the Participant. The above-named Participant Contact is authorized to act on Participant’s behalf in order to fulfill Participant’s obligations hereunder. **The Participant is under no obligation to accept a solar power purchase agreement presented to it by Bay State and/or CCM Services. CCM and Bay State have no authority to bind the Participant to any power purchase agreement.**

**Article 2. Bay State Responsibilities:** For solar energy projects, CCM Services and Bay State will negotiate the Power Purchase Agreements associated with each project with competitively selected Solar Energy Suppliers to maximize savings for each Participant (defined as the difference between the Participant’s pre-project cost per kwh and post-project price per kwh). Each solar power purchase agreement shall include an Appendix which specifies that the solar energy fee, equal to \$.075 per watt of installed capacity, will be paid out of the proceeds of the solar project’s financing prior to the start of commercial operations. Following the execution of the solar power purchase agreement, Bay State will monitor the development of the solar projects up to and including the commencement of operations.

**Article 3. CCM Services Responsibilities.** CCM Services shall review, prior to any approval thereof, all RFPs and Renewal RFPs, and all decisions by Bay State to include or exclude from consideration any proposals received from Energy Suppliers; review, prior to any approval thereof, any Supply Contract negotiated by Bay State with Energy Suppliers for provision of energy to Participants; make itself available to answer questions from Participants, and otherwise monitor the operation and effectiveness of the Energy Purchasing Program.

**Article 4. Participant Cooperation.** No services shall be provided to Participant hereunder until such time as Participant provides CCM Services with the following: (1) forms authorizing Bay State and CCM Services to request the Participant’s natural gas and/or electricity usage information from its local distribution company (“LDC”), which forms are attached hereto as Exhibit 1 (the “Data Release Forms”); (2) the most recent utility distribution bills for the electric accounts associated with the nominated solar sites; (3) the most recent audited financial report for the Participant; and (4) to the extent available, the most recent Standard and Poor’s or Moody’s rating and rating report regarding the most recently issued debt of the Participant. Upon request, and to the extent readily available, Participant agrees to provide CCM Services and Bay State with other relevant documents and information. Participant shall cooperate with CCM Services and Bay State during the negotiations between Bay State and Solar Energy Suppliers. In addition, the Participant shall be available for consultation throughout the negotiations. CCM Services and Bay State may rely upon the accuracy of all information that is provided by the Participant under this Agreement or in connection with the services to be provided by CCM Services and Bay State pursuant to this Agreement, without any independent investigation by CCM Services or Bay State.

For Solar Energy projects only, in addition to the above, Participant will provide: the property tax mill rate applicable to solar equipment that is placed on publicly owned buildings or publicly owned land as well as a description of any process available to negotiate such property tax liability; the name, title, telephone number and email address of Participant’s contact person that can answer questions regarding nominated roof solar sites, including roof warranty information, building plans, plot plans, property tax formulas, and arrange for site tours of any nominated solar sites. With respect to

any roof sites nominated as a solar site, Participant will provide: a description of the age and type of roof (e.g., flat “built up” or EPDM), remaining roof warranty including the name and contact information of the roof warranty provider, address of the building suitable for Google Earth satellite photo of the roof, as built drawings of the building suitable to support structural analysis. With respect to any land site nominated for consideration as a solar site, Participant will provide: a plot plan or drawing that shows the dimensions of the nominated land area (if a parking lot, in addition to the plot plan, a description of the number of spaces in each row, the number of rows, and the length of each row), address of the site suitable for Google Earth satellite photo of the site.

**Article 5. Compensation.** The Solar Energy fee for services provided by CCM Services and Bay State shall be equal to \$.075 per watt of installed solar capacity (DC rating). **No fees will be due to CCM services and or Bay State unless the Participant elects to execute a power purchase agreement procured pursuant to this agreement.**

**Article 6. Billing and Payment.** If Participant executes a solar power purchase agreement, the solar fee shall be paid out of the proceeds of the financing by the successful developer, on behalf of the Participant, prior to the start of commercial operations of the solar project, pursuant to an agreement with the developer that will be appended to the solar power purchase agreement. If for any reason this payment structure is not feasible, CCM Services will bill the Participant for the Solar Energy fee, and the Participant will in turn collect the fee amount from the solar developer. **Irrespective of the payment method in any given project, the intent of this paragraph is that the solar fee should be funded by the project financing, and the Participant shall have no obligation to pay any fee other than the fee collected through the solar project’s financing source. If the Participant elects not to sign the offered power purchase agreement there will be no fee due from any source under this agreement.**

**Article 7. Term of the Agreement.** For solar projects, this Agreement shall commence upon the execution of this agreement and terminate upon the commencement of commercial operations of the solar project. In the event no solar power purchase agreement is executed within **9 months of the execution** of this agreement, any party may terminate upon thirty (30) days notice.

**Article 8. Limitation of Liability.** A) Neither Bay State nor CCM Services shall be liable for loss, delay, injury, damage, or failure of performance that may be caused by circumstances beyond its or their reasonable control, including but not restricted to acts or omissions by a Participant, its employees, agents or others acting on its behalf, Acts of God, strikes, action of the elements, act of any government, and civil disturbances. B) Participant agrees that Bay State’s and CCM Services liability for any loss, delay, injury, damage, or failure of performance is limited to the re-performance of the Services.

**Article 9. Miscellaneous.**

(a) This Agreement shall constitute the entire agreement among the Participant, CCM Services, and Bay State with regard to the Participant’s participation in the Energy Purchasing Program and supersedes any prior understanding or representation with respect thereto.

(b) Except as specified in Article 7, this Agreement may be amended, modified, terminated, or extended only by mutual written consent of the parties.

(c) This Agreement shall be governed by, construed, and enforced in accordance with the laws of the State of Connecticut. This Agreement shall be binding upon and inure to the benefit of the parties hereto, and their respective successors and assigns, provided that this Agreement shall not be assigned by any party hereto without the prior consent of the other parties.

(d) The invalidity of any portion of this Agreement will not and shall not be deemed to affect the validity of any other provision. In the event that any provision of this Agreement is held to be invalid, the parties agree that the remaining provisions shall be deemed to be in full force and effect as if they had been executed by all parties to the expungement of the invalid provision.

Participant:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Authority Warranted

Date: \_\_\_\_\_

CCM Services, LLC

By: \_\_\_\_\_

James J. Finley, Jr.  
President

Authority Warranted

Date: \_\_\_\_\_

Bay State Consultants, LLC

By: \_\_\_\_\_

John Shortsleeve  
President

Authority Warranted

Date: \_\_\_\_\_

## Summary of Large Capital Projections FY14 – FY18

1. Land Acquisition for Athletic Fields/Maintenance Facility
2. Athletics
3. Technology Upgrades
4. Emergency Generator
5. Maintenance and Facility Building
6. Wells Road Playing Field
7. District Efficiency Initiatives
8. Roof Replacement Schedule
9. High School Facility Upgrade
10. F.M. Kearns School Facility Renovation

Project	Priority	Gross Cost*	Net Cost	Projected Start Up	Ongoing	Projected Completion	Status
<b>Land Acquisition for Athletic Fields/ Maint. Facility</b>	1	~ \$500,000	~ \$500,000	Spring 2016		Spring 2017	Concept
<b>Athletics</b>	1	~ \$700,000	TBD	Summer 2015		Fall 2015	Concept
<b>Technology Upgrade</b>	1	\$345,000	TBD	Summer 2015		Fall 2015	Concept
<b>Emergency Generator</b>	1	\$130,000	TBD	Summer 2015		Fall 2015	Concept
<b>Maintenance &amp; Facility Bldg.</b>	2	\$1,500,000	TBD	Summer 2016		Spring 2017	Concept
<b>Wells Road Playing Field</b>	2	\$75,000	\$75,000	Summer 2017		Fall 2017	Concept
<b>District Efficiency Initiatives</b>	3	\$900,000	TBD	Summer 2019		Fall 2019	Concept
<b>Roof &amp; Oil Tank Replacement</b>	3	TBD	TBD	2017 & beyond		2017 & beyond	Placeholder
<b>High School Facility Upgrade</b>	3	\$1,150,000	TBD	Spring 2016	\$12,000	Fall 2017	Concept
<b>F.M. Kearns School Facility</b>	3	\$6,075,000	\$3,575,000	Spring 2017	\$30,000	Fall 2017	Concept

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME:** Land Acquisition for the Athletic Field Project and Maintenance and Facility Building

**PROJECT SUMMARY:**

The acquisition of between 10-15 acres of land is essential. Ideally, the land should be adjacent to or in close proximity of the high school facility to provide space for new athletic fields, parking and maintenance and storage facility building on the same site.

**PROJECT CATEGORY:**  Placeholder  Concept  
 Fully Defined  Priority Ranking

**PROJECT BENEFITS:**

- The sports program, town recreational program and community will be improved through the addition of adequate playing fields.
- Locating the maintenance and storage facility on the same site as the athletic fields provides immediate access to machinery and athletic equipment.
- A centralized storage facility will support cost-effective purchasing and accurate inventory control.

**REFERENDUM:** Winter 2015  
**PROJECT START:** Spring 2016  
**PROJECT ON LINE:** Spring 2017

**LEGAL REQUIREMENTS:**

- Connecticut State Department of Education School Construction Grant Program (limited funding).
- State and local code compliance.

**IMPACT OF NOT PROCEEDING/DELAYING:**

- Facilities will continue to be rented for storage and maintenance needs.
- The sports program will continue to suffer from too few playing fields. Some teams will continue to play offsite.

**LAND ACQUISITION COST (FIELDS AND/OR PARKING):** ≈ \$500,000

- Approximately 10-15 acres

**PROJECTED NET PROJECT COST:** ≈ \$500,000

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME: Athletics**

**PROJECT SUMMARY:**

The Granby Board of Education has identified the need for renovated and new athletic fields for many years. Major components of a more comprehensive plan are included in a \$3.2M school project that was part of the town's referendum approved in January, 2012. Remaining identified athletic needs dropped due to limited funding were and not included as part of the referendum project include:

Athletic Buildings \$500,000

Approximately 5,000 square feet is needed for athletic buildings at an approximate cost of \$100/square foot. The following building components are needed:

- *Offices:* Two offices are required for use by coaches. Each office should be equipped with a desk and telephone. Each should have an inside restroom adjacent to the office with a handicapped access toilet and shower. (Approximately 500 square feet)
- *Concession Stand:* A 500-square-foot concession stand will be needed for ticket sales and food/beverages sales.
- *Locker Rooms:* Two locker rooms are required for student use. Each should include lockers, benches, showers, and a team area. (Approximately 1,600 square feet)
- *Outside Restrooms:* Outside restrooms will be open to athletes and fans. The female restroom should include three stalls and 2 sinks. The male restroom should include two stalls, two urinals and two sinks. Both must be handicapped-accessible. (Approximately 600 square feet)
- *Storage:* Approximately 1,800-square-foot building is needed for athletic equipment.

Tennis Courts:

There is a programmatic and safety need to pave 6 tennis courts \$200,000

**PROJECT CATEGORY:**     Placeholder                     Concept  
                                   Fully Defined                     1 Priority Ranking

**PROJECT BENEFITS:**

- The school sports program, town recreational program and community will be improved through the addition of these new facilities.

**REFERENDUM:**                    Winter    2014  
**PROJECT START:**                Summer   2015  
**PROJECT ON LINE:**              Fall        2015

**LEGAL REQUIREMENTS:**

- Connecticut State Department of Education School Construction Grant Program (limited funding).
- State and local code compliance.

**IMPACT OF NOT PROCEEDING/DELAYING:** Facilities will continue to be rented for storage and maintenance needs. Temporary storage units will be used. The tennis sports program will be negatively impacted by inadequate courts. Safety of the courts can only be assured through an annual \$10,000 short-term repair cost.

**APPROXIMATE GROSS PROJECT COST:** **≈ \$700,000**

**NET COST:** **TBD**

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME: Technology Upgrade**

**PROJECT SUMMARY:** The district has identified the need for technology upgrades in several different areas. These have been combined into a single project.

Mobile Computer Labs: (District) \$150,000

With increased use of technology each school has identified the need for additional computers accessible to classroom teachers and students for academic courses, assessment, and state mandated on-line testing. These needs can be addressed through the use of mobile computer labs. Included are 5 new mobile labs at a projected cost of \$30,000 per lab. If the Board decides to move forward with a district 1:1 computing program, funds could be allocated to support that program in place of this one.

Security Camera System Upgrades: (District) \$65,000

The COPS grant awarded in FY2007 paid for the basic infrastructure and wiring of all schools with a minimum level of security cameras and video storage capabilities (Max of up to 5 days recorded video storage). This project cost includes upgrades to the system to provide additional data/video storage capabilities and camera coverage of school public areas, school exteriors, and the new athletic fields that were not provided through the original project. Coverage in these areas will provide additional school security and protect against vandalism. The additional storage will allow saving of identified incidents for police review beyond the current capacity of about 5 days.

Phone System (High School) \$130,000

The telephone system at the high school is a legacy analog system 15 plus years old, out of warranty and at the end of its life cycle. Service providers and replacement parts are difficult to find. Cost includes replacement of the legacy PBX, office and classroom telephone sets.

**PROJECT CATEGORY:**     Placeholder                     Concept  
                                   Fully Defined                     1 Priority Ranking

**PROJECT BENEFITS:**

- Addition of computer labs to provide additional access to electronic resources aiding in instruction.
- Replacement of outdated infrastructure.
- Improved school security and reduced vandalism.

**REFERENDUM:**                    Winter 2014  
**PROJECT START:**                Summer 2015  
**PROJECT ON LINE:**              Fall 2015

**RELATED PROJECTS:** COPS Grant and Board decisions on 1:1 computing.

**HEALTH AND SAFETY IMPACT:** A large part of the project addresses safety and security needs.

**IMPACT OF NOT PROCEEDING/DELAYING:** Instructional goals will be impacted. Failing infrastructure will have to be addressed in other ways. Security improvements will need to be addressed in other ways.

**PROJECTED PROJECT COST:** **\$345,000**

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME: Emergency Generator**

**\$130,000**

**PROJECT SUMMARY:** The district has identified the need for generators to protect schools from freezing pipes and spoiled food supplies during electrical service disruptions.

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Portable 80 KW diesel generator (\$90,000)

When we lose power in the winter time, we must get the heating system restored before temperatures get to the point where pipes would freeze causing major disruption to the school schedule and major repair expenses. We also need year round protection against food spoilages caused by loss of freezers and refrigerators for the lunch programs when we lose electrical power. This generator is not sized to keep a school open; it will only meet our needs to prevent damages when utility power is disrupted.

Four (4) School transfer switches (\$40,000)

Transfer switches will need to be installed at each school (except MS, done by Town project) to connect a portable generator to the schools electrical system. Estimated installed cost is \$10,000 per school.

**PROJECT CATEGORY:**     Placeholder                     Concept  
                                   Fully Defined                     2 Priority Ranking

**PROJECT BENEFITS:**

- Prevents frozen pipes.
- Prevents lunch program food spoilage when power is lost.

**REFERENDUM:**                    Winter 2014  
**PROJECT START:**                Summer 2015  
**PROJECT ON LINE:**                Fall 2015

**RELATED PROJECTS:** Town generator installation at the Middle School to provide emergency shelter services.

**HEALTH AND SAFETY IMPACT:** This project will improve the ability of the district to respond to power losses and extreme weather events.

**IMPACT OF NOT PROCEEDING/DELAYING:** Freezing pipes cause major repair expenses and extended school closings.

**PROJECTED PROJECT COST:** **\$130,000**

**PROJECTED NET PROJECT COST:** **TBD**

**GRANBY BOARD OF EDUCATION**  
**Capital Project Summary**

**PROJECT NAME: Maintenance and Facilities Building**

**PROJECT SUMMARY:** The Board of Education first identified the need for a maintenance building with district storage in 2000. Since that time, the district has explored several different options including shared use of the Town Garage. At this time, it appears that additional land will need to be purchased for an 11,500 square foot maintenance building. See Appendix A.

The 11,500 square feet is needed for district storage and maintenance department needs. Currently the maintenance and custodial staff occupy a total of 6,078 square feet of space. The area consists of 3,600 square feet at the H.P.J. Construction Company, 960 square feet of outdoor storage containers (3 trailers measuring 8'x40'), and 768 square feet of storage in the high school, and 750 square feet of office and secretarial file area. In addition to this space, the project includes additional space for a lunchroom, restrooms and locker rooms. The athletic field project includes 1,800 square feet of sports storage space that is not included in the 11,500 square feet requested here.

An architect firm has designed a preliminary layout of the building. Further professional services are needed to confirm space requirements, and develop schematic drawings and professional cost estimates.

**PROJECT CATEGORY:**     Placeholder                     Concept  
                                   Fully Defined                     2 Priority Ranking

**PROJECT BENEFITS:**

- The high school requires space currently used by the facilities department for educational programs and staff. Inadequate storage space has resulted in the use of trailers for storing equipment.
- The new building will allow for centralizing equipment and supplies in one location. A centralized storage facility will support more cost-effective purchasing and better inventory control. The technology department is also in need of storage area and space will be allocated for their equipment and supplies on a mezzanine in the material supply storage area. Storage space will also be provided for the drama department to storage props.
- A centralized storage facility will support more cost effective purchasing and better inventory control for maintenance supplies, technology equipment and supplies.

**REFERENDUM:**                    Winter    2015  
**PROJECT START:**                Summer  2016  
**PROJECT ON LINE:**              Spring    2017

**LEGAL REQUIREMENTS:**

- Connecticut State Department of Education School Construction Grant Program is unlikely.
- State and local code compliance.

**IMPACT OF NOT PROCEEDING/DELAYING:** Facilities will continue to be rented for storage and maintenance and efficiencies will not be realized.

**APPROXIMATE GROSS PROJECT COST (Professional estimate is needed)    \$1,500,000**

- Purchase/construction of pre-engineered metal building \$130/sq. ft.
- Complete site work
- Build out offices, and bathroom facilities
- Equipment/shelving/miscellaneous start-up costs

**PROJECTED NET PROJECT COST:**

**TBD**

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME:** Wells Road Playing Field

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**PROJECT SUMMARY:** Land behind Wells Road School was donated to the town in 2009. In order to develop 5.6 acres of this area for use as field space, the area must be cleared of trees, a temporary road installed and the field leveled and seeded.

**PROJECT CATEGORY:**     Placeholder                     Concept  
                                   Fully Defined                     2 Priority Ranking

**PROJECT BENEFITS:**

- Expanded playground activities and possibly baseball and/or soccer field use.
- Additional resource for the town.

- **REFERENDUM:**            Winter 2016
- **PROJECT START:**        Summer 2017
- **PROJECT ON LINE:**      Fall 2017

**LEGAL REQUIREMENTS:**

- State and local code compliance.

**IMPACT OF NOT PROCEEDING/DELAYING:** Donated land will sit idle.

**PROJECTED GROSS COST:** **\$ 75,000**

**PROJECTED NET CAPITAL COST:** **\$ 75,000**

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME: District Efficiency Initiatives**

**PROJECT SUMMARY:** The district has identified the need for a number of different efficiency initiatives. They are included for future consideration. Components of the project may need to be divided into individual projects in order to pursue grant funding.

- 1. HVAC Automation System for High School and Middle School: \$500,000**  
Both the HS and MS automation systems that regulate and control the buildings heating and ventilating systems are nearing the end of their useful lives. The HS application system software support was dropped 3 years after the building was built 12 years ago, and the MS system is approaching 21 years old. Application software for both is no longer supported, and both systems are working on operating systems several to many generations newer than those they were designed for. The controllers these application systems operate to switch pumps on and off, and to open and close air dampers, etc. are becoming increasingly difficult to find when they break. All of the above factors raise concerns for long term reliability of the systems.

Realizing the risk of losing the ability to continue supporting these older systems, we are actively exploring migration of the systems to newer web-based applications as part of energy efficiency projects. If this approach does not prove fruitful, replacement of the application software and control mechanisms will be needed in the next 5-7 years.

- 2. Solar Panels: \$400,000**  
This project will look at the payback of self-funding photovoltaic panels to generate electricity and solar panels for hot water if we are unable to find a satisfactory commercial lease arrangement.

**PROJECT CATEGORY:**  Placeholder  Concept  
 Fully Defined  Priority Ranking

**PROJECT BENEFITS:**

- Better climate for learning.
- Reduction in ongoing energy costs and reduction in energy usage.

**REFERENDUM:** Winter 2018  
**PROJECT START:** Summer 2019  
**PROJECT ON LINE:** Fall 2019

**HEALTH AND SAFETY IMPACT:** None

**IMPACT OF NOT PROCEEDING/DELAYING:** Loss of efficiency opportunity.

**PROJECTED PROJECT COST: \$900,000**

**PROJECTED NET CAPITAL COST: TBD**



**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME:** High School Kitchen and Facilities Upgrade

**PROJECT SUMMARY:** With high school enrollment projected to stabilize at approximately 750 students, a kitchen is needed for a quality hot lunch program. Currently, lunch is transported from the middle school kitchen and served in the high school commons. This cost projection includes the construction of a 2,000 square foot addition on the end of the commons and necessary equipment and appliances.

Also, there are number of other needs, including air conditioning, sidewalk, and refurbishment of the tennis courts. Areas that need to be air conditioned: Commons, locker rooms, and athletic director's office. Six (6) tennis courts are in need of repaving and are addressed in the Athletics Project scheduled for fall 2015.

**PROJECT CATEGORY:**  Placeholder  Concept  
 Fully Defined  3 Priority Ranking

**PROJECT BENEFITS:**

- A higher quality hot lunch program will be offered.
- Increases use and productivity of spaces.

**REFERENDUM:** Fall 2015  
**PROJECT START:** Spring 2016  
**PROJECT ON LINE:** Fall 2017

**LEGAL REQUIREMENTS:**

- Connecticut State Department of Education School Construction Grant Program.
- State and local code compliance.

**HEALTH AND SAFETY IMPACT:** More inviting, nutritional meals will be served.

**IMPACT OF NOT PROCEEDING/DELAYING:** Food continues to be transported from the middle school, limiting meal choices. Spaces scheduled for A/C become unsuitable for their intended uses on very hot days.

**APPROXIMATE GROSS PROJECT COST:** **\$1,150,000**

- |  |            |
|--|------------|
| • Kitchen Construction (2,000 sq. ft. @ \$220) | \$ 475,000 |
| • Kitchen equipment/fixtures                   | \$ 300,000 |
| • Air conditioning                             | \$ 375,000 |

**NEW ONGOING COSTS:** **\$12,000**

**START-UP COSTS:** **\$25,000**

**APPROXIMATE NET PROJECT COST:** **TBD**

- Projected at 35% SDE reimbursement; 90% eligible costs.

**GRANBY BOARD OF EDUCATION  
Capital Project Summary**

**PROJECT NAME: F.M. Kearns School Facility Addition**

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**PROJECT SUMMARY:** Even with updated enrollment projections showing a decline in primary enrollment projections, core facilities will need to be upgraded. The project includes dedicated spaces for a kitchen, gymnasium, and media center as well as additional conference rooms. The project also includes code compliance issues. Details are outlined in Educational Specifications adopted by the BOE and forwarded to the CT SDE by the Town of Granby in June 2002. In addition, we have recognized the need since then to resurface the primary parking lot. Professionally developed cost estimates based on 2002 construction costs would put the 2017 project cost at just over \$6M using 2% inflation. The cost estimate for today's market prices will need to be recalculated.

**PROJECT CATEGORY:**     Placeholder                       Concept  
                                   Fully Defined                       3 Priority Ranking

**PROJECT BENEFITS:**

- Core facilities designed to meet educational needs.

**REFERENDUM:**                      Fall 2016  
**PROJECT START:**                      Spring 2017  
**PROJECT ON LINE:**                      Fall 2017

**LEGAL REQUIREMENTS:**

- Connecticut State Department of Education School Construction Grant Program.
- State and local code compliance.

**RELATED PROJECTS:**

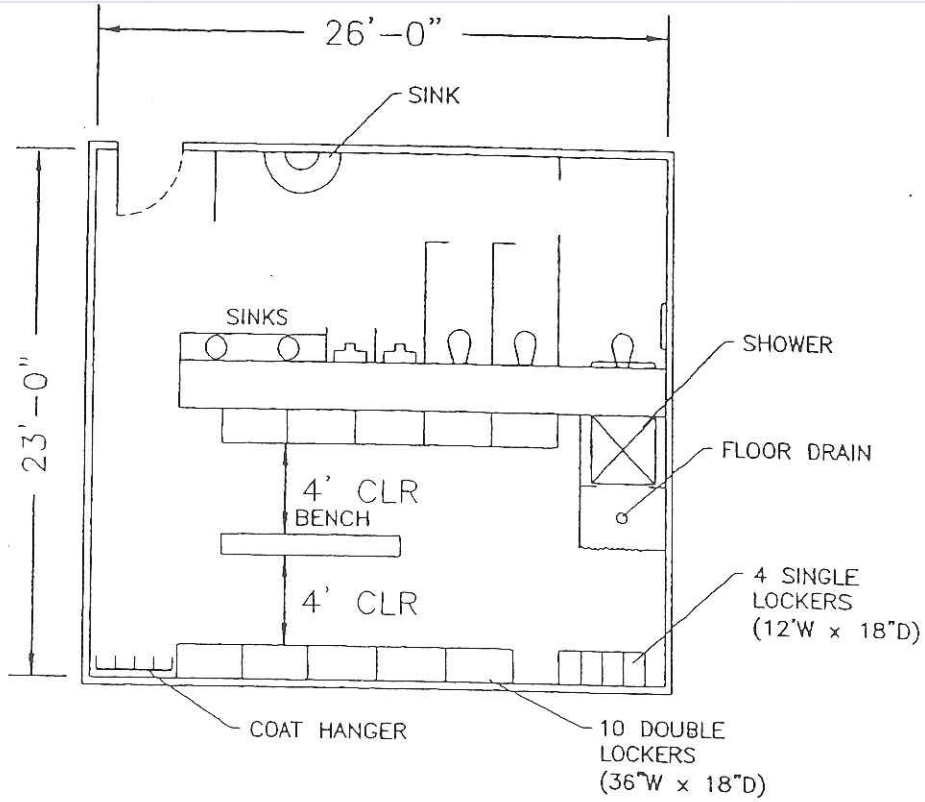
**HEALTH AND SAFETY IMPACT:** Facilities will meet all new code requirements.

**IMPACT OF NOT PROCEEDING/DELAYING:** The educational environment will not be appropriate for primary age children and the school will remain the only school without contemporary core facilities.

<b>PROJECTED PROJECT COST:</b>	<b>\$6,075,000</b>
<b>NEW ONGOING COSTS:</b>	\$ 30,000
<b>START-UP COSTS:</b>	\$ 50,000
<b>PROJECTED NET CAPITAL COST:</b>	<b>\$3,575,000</b>

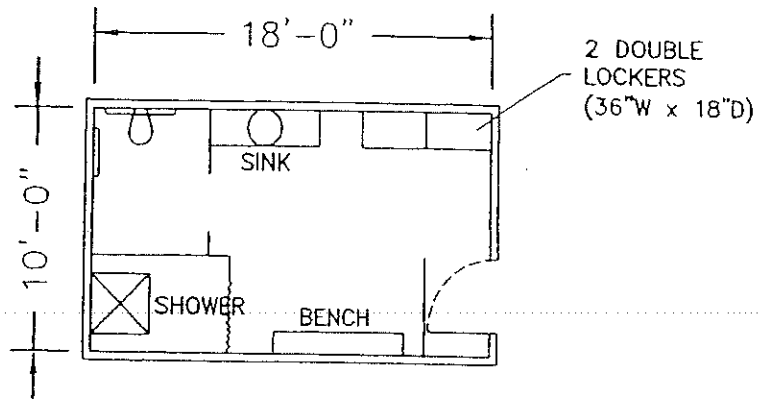
90% of project at 45.71% reimbursement. Costs adjusted to FY17.

# Appendix A

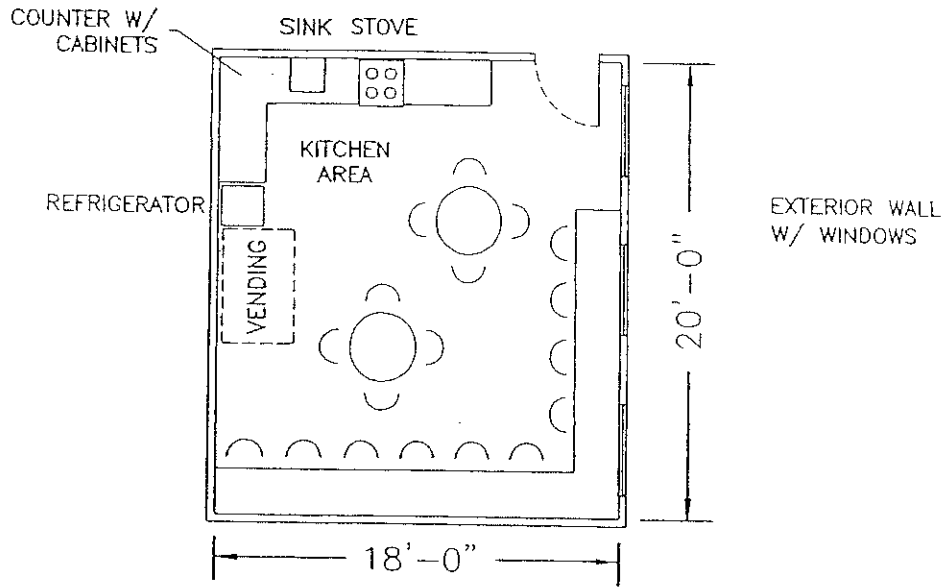


MALE LOCKER/SHOWER/TOILET  
23' x 26' = 598 SF

GRANBY, CONNECTICUT  
AUGUST 08  
BOE SPACE NEEDS ASSESSMENT

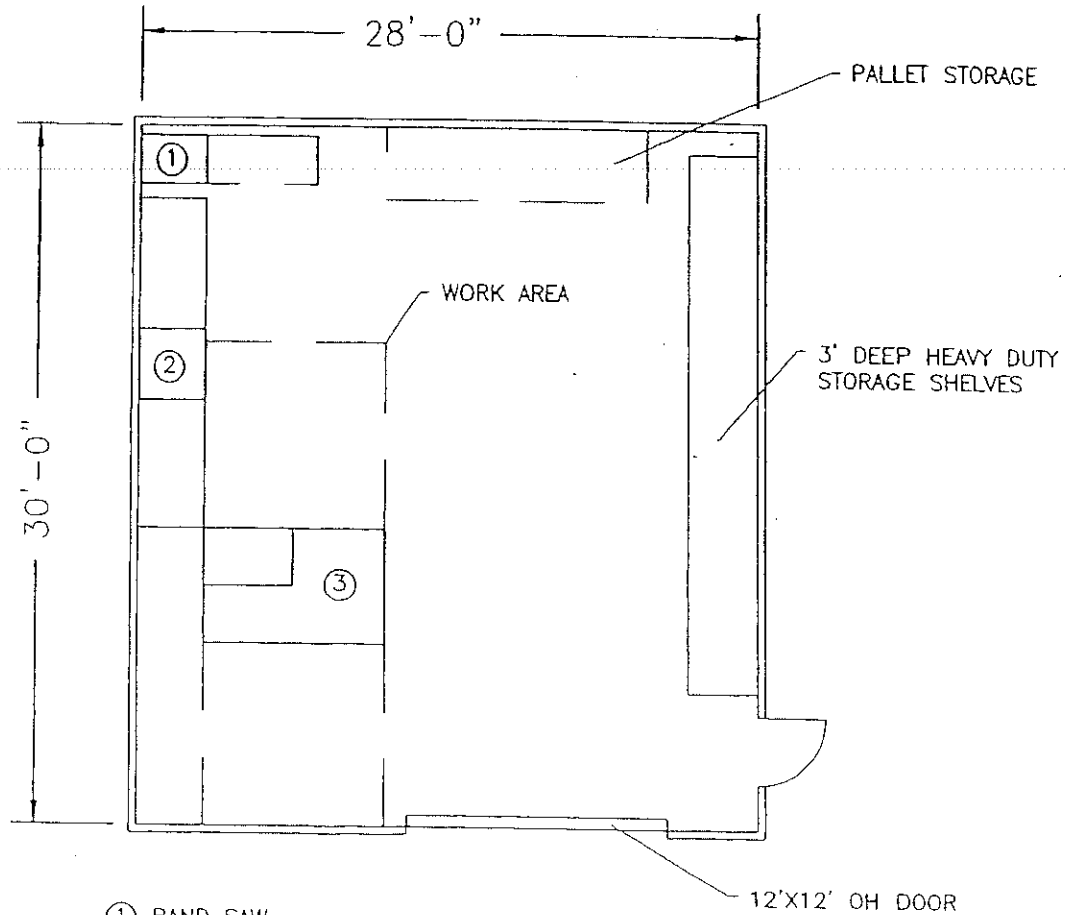


FEMALE LOCKER/SHOWER/TOILET  
10' x 18' = 180 SF



WORK FORCE LUNCH ROOM  
18' x 20' = 360 SF

GRANBY, CONNECTICUT  
AUGUST 08  
BOE SPACE NEEDS ASSESSMENT



CARPENTRY SHOP

28' x 30' = 840 SF

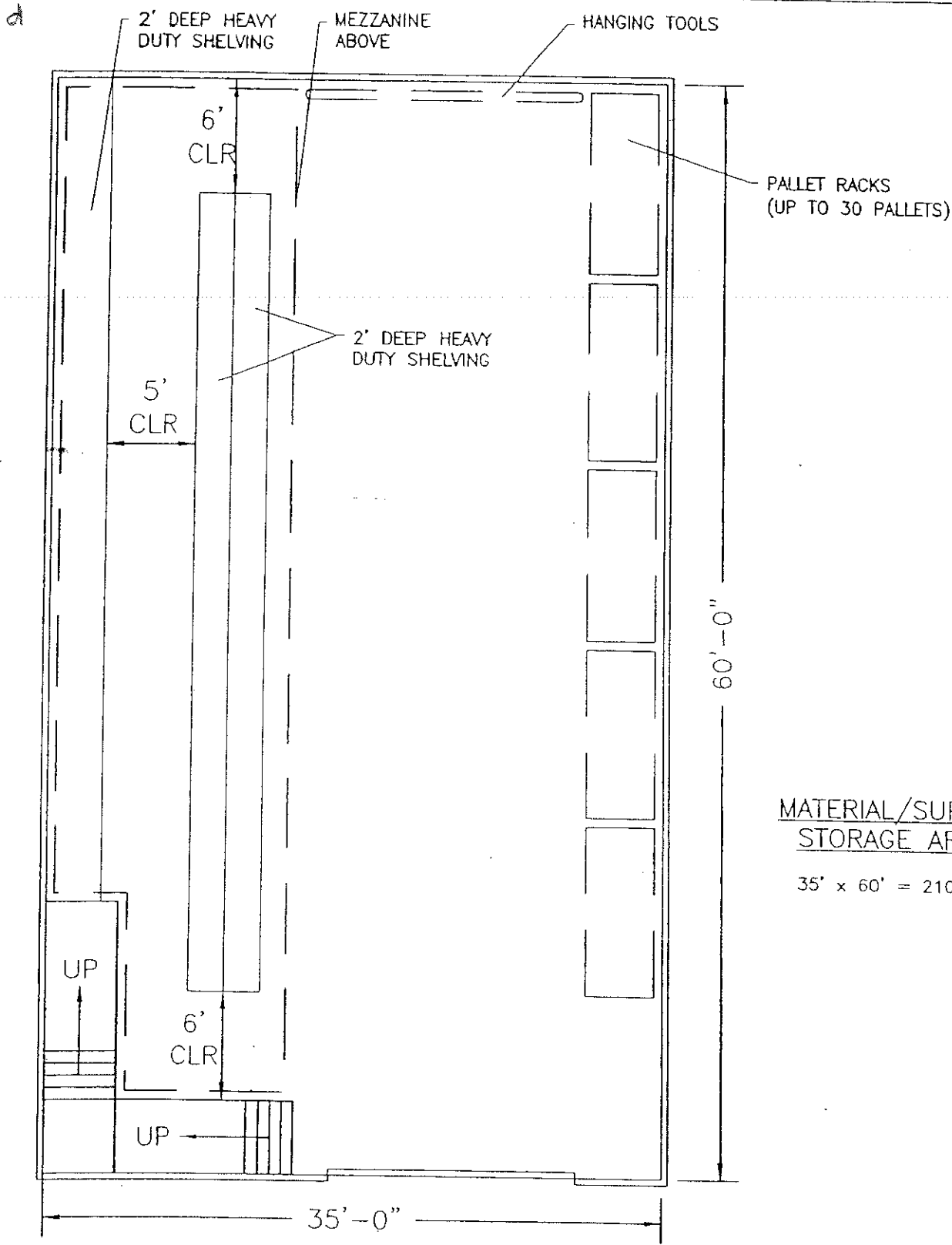
GRANBY, CONNECTICUT

AUGUST 08

BOE SPACE NEEDS ASSESSMENT

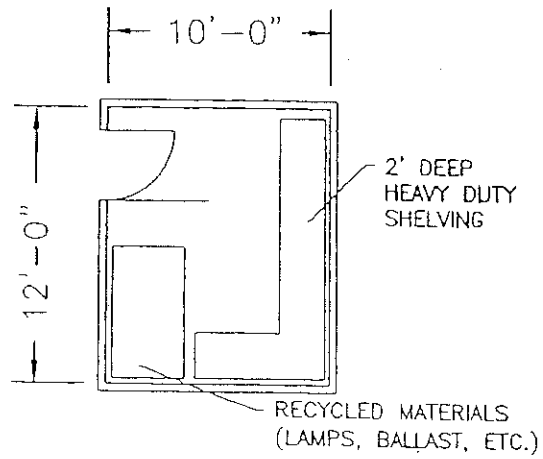
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Sheet 6



GRANBY, CONNECTICUT  
 AUGUST 08  
 BOE SPACE NEEDS ASSESSMENT

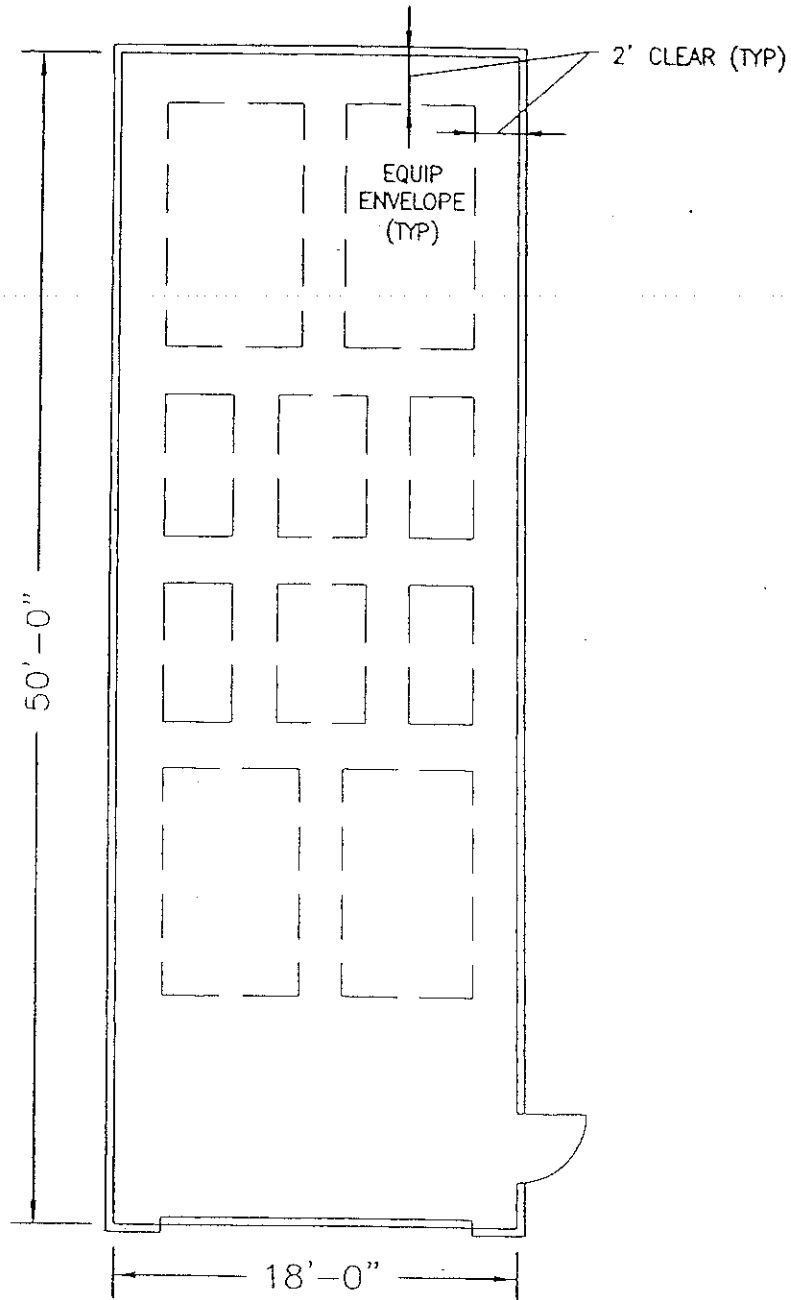
e



HAZARDOUS MATERIAL ROOM

10' x 12' = 120 SF

f



SMALL EQUIPMENT STORAGE

18' x 50' = 900 SF

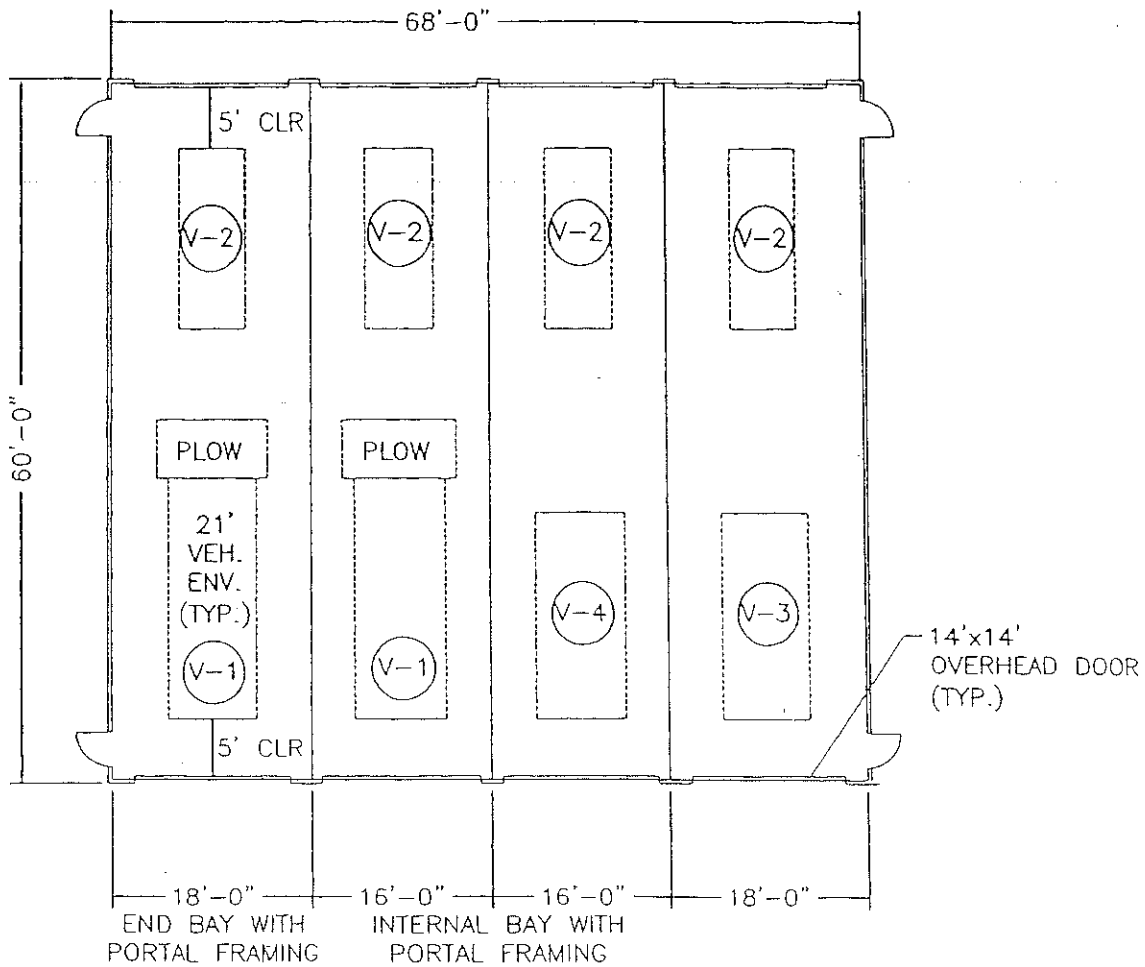
GRANBY, CONNECTICUT

AUGUST 08

BOE SPACE NEEDS ASSESSMENT

Scale: 1/8"=1'-0"

Sheet 9



VEHICLE LIST

- V-1 : PICKUP TRUCK WITH PLOW
- V-2 : VAN
- V-3 : STUDENT TRANSPORT VAN
- V-4 : TRAILER

VEHICLE STORAGE AREA

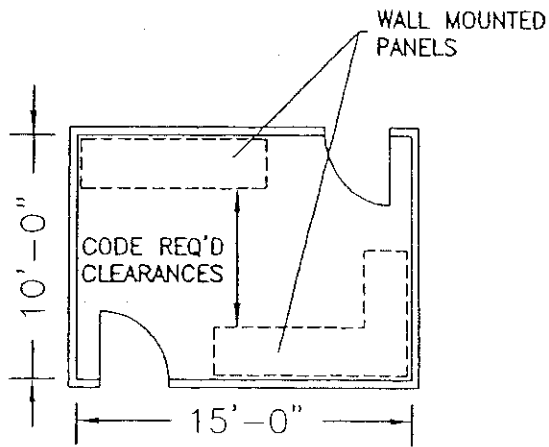
60' x 68' = 4080 SF

NOTE: KITCHEN VAN  
AND TECHNOLOGY VAN STORED  
OUTSIDE

GRANBY, CONNECTICUT

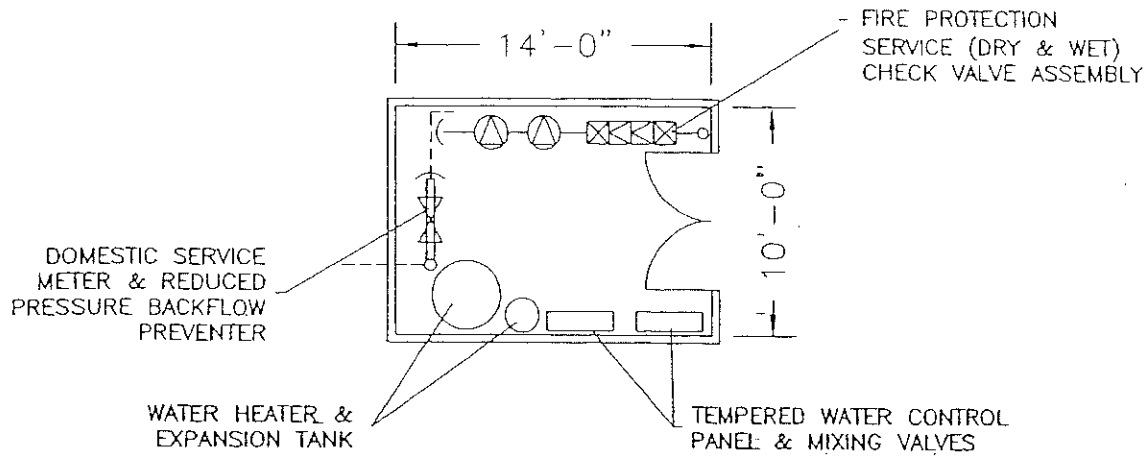
AUGUST 08

BOE SPACE NEEDS ASSESSMENT



ELECTRIC ROOM

10' x 15' = 150 SF



PLUMBING/FIRE PROTECTION ROOM

10' x 14' = 140 SF

GRANBY, CONNECTICUT

AUGUST 08

BOE SPACE NEEDS ASSESSMENT

Town of Granby CT  
 Department of Public Works / Board of Education  
 Space Needs Summary  
 August 2008

**Building Requirements**

Area	Description	Size (SF)	Sheet No.	Ref No.	Room / Area Dimensions		
					length	width	size
DPW Space Needs	Vehicle Storage Area	1,540	1	D 0.00	22	70	1,540
	Wash Bay	1,750	2	D 4.03	25	70	1,750
	Wash Equipment Room	360	2	D 4.03	18	20	360
	Small / Towed Equipment Storage	5,600	3	D 0.00	70	80	5,600
	Subtotal:	9,250					
	Area Grossing Factor (5%):	463					
	Circulation:	(included)					
	TOTAL:	9,713					
	Requested:	8,480					
BOE Space Needs	Male Locker/Shower/Toilet	598	4	B 1.09	23	26	598
	Female Locker/Shower/Toilet	180	5	B 1.11	10	18	180
	Workforce Lunch Room	360	5	B 2.07	18	20	360
	Carpentry Shop	840	6	C 1.05	28	30	840
	Material/Supply Storage Area	2,100	7	D 0.00	35	60	2,100
	Hazardous Material Storage Area	120	8	C 9.16	10	12	120
	Small Equipment Storage Area	900	9	C 9.02	18	50	900
	Vehicle Storage Area	4,080	10	D 2.08	60	68	4,080
	Electric Room	150	11	B 5.01	10	15	150
	Plumbing/Fire Protection Room	140	11	B 5.02	10	14	140
	Subtotal:	9,468					
	Area Grossing Factor (10%):	947					
	Circulation (10%):	1,041					
	TOTAL:	11,456					
Requested:	8,060					(plus lunchroom/restrooms/lockerspace)	

