North Middlesex Regional High School
Ashby, Pepperell, Townsend
HIGH SCHOOL EXPERIENCE

Arlington
Ayer-Shirley*
Bedford
Bridgewater-Raynham
Chelsea
Dedham
Dennis-Yarmouth
Douglas
East Greenwich, RI
East Providence, RI
Grafton
Great Barrington*

Hudson
Marblehead
Mashpee
Quincy
Sharon
Swampscott
Tewksbury
Turners Falls
Wellesley
West Springfield
Winchester*

*In Progress
<table>
<thead>
<tr>
<th>Multi-Community Regions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arlington</td>
</tr>
<tr>
<td>Ayer-Shirley*</td>
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</table>

*In Progress
HIGH SCHOOL EXPERIENCE | RENOVATIONS

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*In Progress
SMMA MODEL HIGH SCHOOLS

Hudson, MA
Tewksbury, MA
West Springfield, MA

Small High Schools based on SMMA’s Model School:
Douglas, MA – 700 students
Grafton, MA – 875 students
CONSTRUCTION MANAGER AT RISK

Arlington
Andover
Ayer-Shirley*  
Bedford
Bridgewater-Raynham
Chelsea
Dedham
Dennis-Yarmouth
Douglas
East Greenwich, RI
East Providence, RI
Grafton
Great Barrington*

Hudson
Marblehead
Mashpee
Quincy
Sharon
Swampscott
Tewksbury
Turners Falls
Wellesley
West Springfield
Winchester

*In Progress
SMMA IN THE REGION
Ashby
Population: 3,000
Registered Voters: 1,980*

Townsend
Population: 9,000
Registered Voters: 5,956

Pepperell
Population: 12,000
Registered Voters: 8,194
FEASIBILITY STUDY

Preliminary Design Program

- Set Goals
- Educational Programming
- Existing Conditions Analysis
- Traffic Study
- Geo-environmental
- Survey
- Concept Options
- Geotech
- Hazmat
- Cost Estimate
- Package Report

Community Meetings

NMRHS HSBC Meetings
<table>
<thead>
<tr>
<th>DISTRICT</th>
<th>SCHOOL</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winchester</td>
<td>Winchester High School</td>
<td>In Feasibility</td>
</tr>
<tr>
<td>Berkshire Hills Regional School District</td>
<td>Monument Mountain Regional High School</td>
<td>In Schematic Design</td>
</tr>
<tr>
<td>Ayer-Shirley Regional School District</td>
<td>Ayer-Shirley Regional High School</td>
<td>In Design Development</td>
</tr>
<tr>
<td>West Springfield</td>
<td>West Springfield Model High School</td>
<td>In Construction</td>
</tr>
<tr>
<td>Tewksbury</td>
<td>Tewksbury Memorial Model High School</td>
<td>In Construction (Phase II)</td>
</tr>
<tr>
<td>Andover</td>
<td>Bancroft Elementary School</td>
<td>In Construction</td>
</tr>
</tbody>
</table>
SCOPE, QUALITY, & BUDGET CONTROL

- Scope control
- Early decision making
- Document control – QC
- Cost estimate workshops
- Alternates
- Integrated team
- BIM
- CM during SD
GROW, PURSUE, ACHIEVE

- ✔ Robotics
- ✔ Band & Chorus
- ✔ Fine Arts
- ✔ Math & Science
- ✔ Service Learning
- ✔ Athletics
EDUCATIONAL PLANNING/PROGRAMMING PROCESS

- [x] 21st Century Teaching & Learning Pedagogy
- [x] Visioning (started)
- [ ] Establish Project Goals
- [ ] Teacher Staff Meetings
- [ ] Create Pedagogical Template
Informal Learning
Teacher Planning
Student Support
ENVIRONMENTS FOR COLLABORATION, COMMUNICATION, CREATIVITY & CRITICAL THINKING
RENOVATION CHALLENGES

Rooftop Air Handling Unit

7'-8"

2'-6"

7'-8"

Diagram showing a rooftop air handling unit with dimensions of 7'-8" and 2'-6".
HIGH PERFORMANCE ENVELOPE

Existing Roof

Existing Metal Panels

Existing Windows

Existing Metal Panels

Existing Foundation Wall
Membrane Roof
6 to 8 Inches insulation
Light Gauge Stud Framing
Existing Roof Deck

Thermally Enhanced Metal Window
Air Barrier
3 to 4 Inches Insulation
Sub-Girt System

Metal Panel or Composite Panels

2 Inches Foundation Insulation
SUSTAINABLE DESIGN – AN INTEGRATED APPROACH
<table>
<thead>
<tr>
<th></th>
<th>Existing HS (in sf)</th>
<th>MSBA Allowable for 870 Students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GROSS AREA:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per RFP</td>
<td>298,000</td>
<td>175,740</td>
</tr>
<tr>
<td>Per MSBA Actual</td>
<td>265,000</td>
<td></td>
</tr>
<tr>
<td><strong>Classrooms / Teaching Spaces</strong></td>
<td>74</td>
<td>53</td>
</tr>
<tr>
<td>Number of classrooms sized smaller than 850 sf</td>
<td>51 (69%)</td>
<td>0</td>
</tr>
</tbody>
</table>
PROGRAM DEFICIENCIES

- > 10% undersized
- Does not meet Program needs
Narrow Corridors

Isolated Public Lobbies

Travel Distance (over 500 feet!!)
TWO SCHOOL BUILDINGS

1971 – Junior HS

1959 – Original HS

Entrance Confusion
GET OUT THE VOTE

Ashby

Financial Contribution: 12%
Registered Voters: 1,980*
Jun 2012 Vote Count: 619
Turnout: 31%

Townsend

Financial Contribution: 38%
Registered Voters: 5,956
Jun 2012 Vote Count: 1,846
Turnout: 30%

Pepperell

Financial Contribution: 50%
Registered Voters: 8,194
Jun 2012 Vote Count: 1,882
Turnout: 23%
COMMUNITY SUPPORT STRATEGIES

1.) Start with a clear vision
2.) Ask for community input early
3.) Articulate successful outcomes
4.) Implement campaign tools
5.) Day of Vote Action Plan

<table>
<thead>
<tr>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Create Event on District Facebook Page</td>
</tr>
<tr>
<td>2. Create event in Yahoo Groups</td>
</tr>
<tr>
<td>3. Contact Newspaper Media</td>
</tr>
<tr>
<td>4. Create slide for posting on School website</td>
</tr>
<tr>
<td>5. Email invitations to the town board/groups</td>
</tr>
<tr>
<td>6. Reverse 911 - all schools</td>
</tr>
<tr>
<td>7. Mobilize PR Working Group Social Network</td>
</tr>
<tr>
<td>8. Create Slide Deck for Presentation</td>
</tr>
<tr>
<td>9. Post Event on All Town Websites</td>
</tr>
<tr>
<td>10. Update/post on project website</td>
</tr>
<tr>
<td>Calendar</td>
</tr>
<tr>
<td>News</td>
</tr>
<tr>
<td>Building Committee page</td>
</tr>
<tr>
<td>School Committee page</td>
</tr>
<tr>
<td>11. Invite Legislators</td>
</tr>
<tr>
<td>12. Create promo presentation</td>
</tr>
<tr>
<td>13. Distribute forum information via Yahoo Group</td>
</tr>
<tr>
<td>14. Talk to Principal to arrange babysitting, sign wavers, etc</td>
</tr>
</tbody>
</table>
START WITH A CLEAR VISION

North Middlesex Regional High School Community

Welcome to the NM blog! The NM Administration is excited to provide this resource to students, parents and the community members of Townsend, Pepperell and Ashby. On this page you will find updates on school events and student achievement, as well as on-line resources for all of our visitors. We have recently added the link below on our NEASC Re-accreditation efforts. Check in frequently for all of the up-to-date news about North Middlesex Regional High School!

NEASC Accreditation

As many of members of the NMRHS school community are aware, the New England Association of Schools and Colleges (NEASC) will be sending a visiting committee to NM in the Fall of 2013 in order to evaluate our school for accreditation. Many of you also know that NEASC is presently considering the status of NM's current accreditation. In order to provide our school community with accurate and substantive information regarding our status and the accreditation process Superintendent Maureen Marshall hosted an informational parent's forum on Wednesday, January 4, 2012. This blog page has been established in order to carry forward the efforts that began on that evening. We will utilize this page to provide updates and information on the steps we here at NM are taking to prepare for our visitation. The power point presentation from the January 4th meeting is available on the district web page (click here). In addition, Principal Battye has published information on the NEASC re-accreditation process and our preparation efforts in the December 2011 issue of the Parent Newsletter (click here). If you have the opportunity to review these documents, we hope that you will share with us your thoughts through the comment feature located below.
ASK FOR COMMUNITY INPUT EARLY

- Conduct Surveys
- Solicit Volunteers
- Public Workshops

BFSA Fundraiser - The Time is Now

Building the Future for Shirley and Ayer (BFSA) will host a fundraiser, The Time is Now, on Saturday, September 15th from 7:30 PM – 1:00 AM at The Billiards Café, 39 Main Street in Ayer, MA. A suggested donation of $10/person (in advance or at the door) will include live music from the Yard Sale Rejects, a locally-inspired silent auction and a chance to bid/win tickets to the Boston Red Sox and New England Patriots.

*All proceeds from this event will be used to support our efforts in creating awareness ab...See More
ARTICULATE SUCCESSFUL OUTCOMES

- Bond Ratings
- Tax Impact
- High School Achievements
- Write Newspaper Articles

Our students get high marks.
It's our school buildings that are failing.

The money we earmark for the new High School will not just benefit one generation of children. We're talking about our children, our grandchildren and their children.

The best investment we can make in this town is our education system. It keeps our streets safe, it keeps our property values high, it keeps us moving forward.

Please give the children of the future they deserve. Vote “Yes” on June 17.
CAMPAIGN TOOLS

- Websites
- Facebook
- Fundraising
- Breakfast/Coffees
- Realtor Involvement
DAYS OF VOTE ACTION PLAN

- Transportation
- Babysitting
- Telephone Tree
- Vote Counters
- Sign Waving
- Refreshments
- Thank You Stickers
EXPERIENCE

5 Regional High Schools serving 11 communities

20 High Schools

3 Model Schools

6.2 million square feet of public K-12 projects