

PROJECT MINUTES

Project:	Peebles Elementary School Feasibility Study	Project No.:	15041
Prepared by:	Joel Seeley	Meeting Date:	10/22/2015
Re:	School Building Committee Meeting	Meeting No:	5
Location:	Bourne Veteran’s Memorial Community Center	Time:	6:30pm
Distribution:	School Building Committee Members, Attendees (MF)		

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	James L. Potter	Chairman, School Building Committee	Voting Member
✓	Peter J. Meier	Board of Selectmen	Voting Member
✓	Christopher Hyldburg	Chairman, School Committee	Voting Member
	Laura Scena	Member, School Committee	Voting Member
		Finance Committee	
✓	Richard A. Lavoie	Member, Finance Committee	Voting Member
✓	William Meier	Building Trade Expert	Voting Member
✓	Mary Jo Coggeshall	Member at Large	Voting Member
✓	Frederick H. Howe	Board of Health	Voting Member
✓	Steven M. Lamarche	Superintendent of Schools, BPS	Voting Member
✓	Edward S. Donoghue	Director of Business Services, BPS	Non-Voting Member
	Thomas M. Guerino	Town Administrator	Non-Voting Member
	Jonathan Nelson	Director of Facilities, Town of Bourne	Non-Voting Member
✓	Elizabeth A. Carpenito	Principal, BES	Non-Voting Member
	Kathy Anderson	Elementary/Special Education Secretary	Non-Voting Member
✓	Janey Norton	Principal, PES	
✓	Kent Kovacs	FAI, Architect	
	Betsy Farrell Garcia	FAI, Architect	
✓	Jorge Cruz	FAI, Architect	
✓	Joel Seeley	SMMA, OPM	

Item #	Action	Discussion
5.1	Record	Call to Order, 6:30 PM, meeting opened.
5.2	Record	A motion was made by P. Meier and seconded by F. Howe to approve the 10/8/15 School Building Committee meeting minutes. No discussion, motion passed unanimous by those attending, three abstentions.
5.3	Record	J. Seeley distributed and reviewed the Project Budget Status, dated 10/14/15 and attached herein.
5.4	Record	J. Seeley distributed and reviewed the School Building Committee webpage directory on the Town Website http://www.townofbourne.com/school-building-committee
5.5	Record	J. Seeley reviewed the MSBA Kick-Off Meeting Agenda and the Communication and Document Control Plan, attached. The kick-off meeting is scheduled for 10:00am on 10/27/15 at the PES conference room.
5.6	J. Seeley	J. Seeley to provide a projection of additional Environmental and Site Consultancies for the PSR and SD Phases. J. Seeley will determine once the PDP phase is more complete.
5.7	J. Seeley	J. Seeley to provide a billing projection for the PDP Phase Environmental and Site Consultancies.
5.8	Record	K. Kovacs provided the flyer and seven Poster Board Announcements, attached, of the 10/26/15 Community Forum No. 1 - Educational Visioning Workshop, attached, to the School Administration for distribution in Town.
5.9	J. Potter	J. Potter indicated he has been in contact with the Town Moderator relative to the 2010 Town Bi-Law regarding committee member attendance and is awaiting a response.
5.10	Record	J. Potter indicated he has been in contact with the Town Moderator on the question of quorum. Quorum is to be based on the total committee members, not just voting members.
5.11	K. Kovacs	K. Kovacs summarized the 10/16/15 educational meeting with administration and key staff and the 10/21/15 educational interviews with teachers and staff. K. Kovacs will issue formal meeting minutes for the meetings.
5.12	K. Kovacs	J. Cruz presented and reviewed a Powerpoint presentation on the progress findings of the existing conditions survey of BES and PES. The findings for the structural, site, traffic, hazardous materials, geotechnical and geo-environmental are still in process. Committee Questions: 1. F. Howe asked if PES was connected to the campus sewage treatment plant? <i>K. Kovacs indicated yes, FAI will investigate the capacity of the plant.</i> 2. J. Potter asked how extensive does the existing building investigation need to be?

Item #	Action	Discussion
		<p><i>K. Kovacs indicated that the MSBA requires a detailed cost estimate for a Code Upgrade and Repairs-Only Option, to establish the baseline comparison to all options, therefore the existing building investigation needs to be extensive.</i></p> <p>3. R. Lavoie asked if FAI is reviewing the PES 1959 wing addition structural issues? <i>J. Cruz indicated yes, the structural engineer is still reviewing.</i></p> <p>4. W. Meier indicated that the area near the PES may have been a dump years ago. <i>J. Cruz indicated he will pass on the information to the geo-environmental engineer, who is performing a Phase I analysis of the site.</i></p> <p>5. P. Meier asked if the roof flashing issues on BES would still be under a warranty? <i>J. Cruz indicated they would probably not be under warranty.</i></p> <p>6. C. Hyldburg asked if roofing is still prone to leaking? <i>J. Cruz indicated no, there was a time when most roof membranes were EPDM with a glued seams and they were prone to leaking. New rooves are a PVC membrane that have welded seams. The flashing issue on BES is not to be expected, it was a workmanship issue.</i></p> <p>7. P. Meier indicated the Town belongs to the Cape Light Compact, which may provide incentives or rebates for energy upgrades. <i>K. Kovacs will contact the Cape Light Compact to review.</i></p> <p>8. J. Potter asked if there was a maximum code travel distance for toilet rooms in a school. <i>J. Cruz indicted the code distance is 300 feet, but the issue is the time it takes a student to walk to the toilet room. A more practical travel distance is much closer than 300 feet.</i></p> <p>9. C. Hyldburg asked if an Innovation Lab, similar to what the PES students use today at the High School, could be provided at the BES under the renovation and addition options? <i>K. Kovacs indicated this would need to be reviewed with the MSBA on whether they would define the space as an eligible space for reimbursement.</i></p> <p>10. C. Hyldburg asked if the MSBA provides more reimbursement for a renovation and addition project versus a new construction project? <i>K. Kovacs indicated yes, as a percentage of five points, based on the renovation square feet area to the whole square feet area ratio.</i></p> <p>11. C. Hyldburg asked if the MSBA would participate in reimbursement for renovation costs associated with BES? <i>J. Cruz indicated yes, if the renovation is required to support the option.</i></p> <p>12. W. Meier indicated that the gas and electrical service at BES may need upgrading to support a renovation and addition. <i>J. Cruz indicated FAI will review.</i></p>

Item #	Action	Discussion
5.13	Record	Next Community Meeting: October 26, 2015 at 6:00 pm at the Peebles Elementary School. Next SBC Meeting: November 5, 2015 at 6:30 pm at the Bourne Veteran's Memorial Community Center.
5.14	Record	A Motion was made by P. Meier and seconded by R. Lavoie to adjourn the meeting. No discussion, voted unanimously.

Attachments: Agenda, Project Budget Status, School Building Committee Webpage Directory, MSBA Kick-Off Meeting Agenda, Communication and Document Control Plan, Flyer for Community Forum No. 1 - Educational Visioning Workshop, Powerpoint presentation

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes.

PROJECT MEETING SIGN-IN SHEET

Project: Peebles Elementary School Feasibility Study Project No.: 15041
 Prepared by: Joel Seeley Meeting Date: 10/22/2015
 Re: School Building Committee Meeting Meeting No: 5
 Location: Bourne Veterans Memorial Community Center, 234 Main Street, Buzzards Bay, Massachusetts Time: 6:30pm
 Distribution: Attendees, (MF)

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
	James L. Potter	onsetip@juno.com	Chairman, School Building Committee
	Peter J. Meier	pmeier@townofbourne.com	Chairman , Bourne Board of Selectmen
	Christopher Hyldborg	chrish@alpha-1.com	Chairman, Bourne School Committee
	Laura Scena	laurascena@yahoo.com	Member, School Committee
	Richard A. Lavoie	RichL.Lavoie@gmail.com	Member, Bourne Finance Committee
	William Meier	Dusty22752@aol.com	Building Trade Expert
	Mary Jo Coggeshall	mjcoggeshall@gmail.com	At-Large
	Frederick H. Howe	rickhowe9@gmail.com	Board of Health
	Steven M. Lamarche	slamarche@bourneps.org	Superintendent of Schools, BPS
	Edward S. Donoghue	EDonoghue@bourneps.org	Director of Business Services, BPS
	Thomas M. Guerino	tguerino@townofbourne.com	Town Administrator
	Jonathan Nelson	jnelson@townofbourne.com	Director of Facilities, Town of Bourne
	Elizabeth A. Carpenito	ecarpenito@bourneps.org	Principal
	Kathy Anderson	kanderson@bourneps.org	Elementary/Special Education Secretary
	Carol Mitchell	Cmit0571@gmail.com	Secretary
	Kent Kovacs	kkovacs@flansburgh.com	Flansburgh Architects
	Betsy Farrell Garcia	bgarcia@flansburgh.com	Flansburgh Architects
	Joel Seeley	jseeley@smma.com	SMMA
	JANEY NORSTON	jkovacs@flansburgh.com jnorton@bourneps.org	FLANSBURGH ARCHITECTS PRINCIPAL - Peebles

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AGENDA

Project:	Peebles Elementary School Feasibility Study	Project No.:	15041
Re:	School Building Committee Meeting	Meeting Date:	10/22/2015
Meeting Location:	Bourne Veterans Memorial Community Center	Meeting Time:	6:30 PM
Prepared by:	Joel Seeley	Meeting No.:	5
Distribution:	Committee Members (MF)		

1. Call to Order
2. Approval of Minutes
3. Approval of Invoices and Commitments
4. Preliminary Discussion of Existing Conditions
5. Committee Questions
6. Public Comments
7. Next Meeting
8. Adjourn

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Project Budget Status

Updated: 10/1/2015
 10/14/2015

Feasibility and Schematic Design Phase	MSBA ProPay Code	FSA Agreement 2/6/2015	Budget Revision 10/8/2015	Current Budget	Vendor	Committed	Balance
OPM	0001-0000	\$ 120,000.00	\$ (15,000.00)	\$ 105,000.00	SMMA	\$ 105,000.00	\$ -
Cost Estimates	0001-0000	\$ 20,000.00		\$ 20,000.00		\$ -	\$ 20,000.00
DESIGNER	0002-0000	\$ 500,000.00	\$ (135,000.00)	\$ 365,000.00	FAI	\$ 365,000.00	\$ -
Environmental and Site	0003-0000	\$ 90,000.00	\$ 50,000.00	\$ 140,000.00	FAI	\$ 65,648.00	\$ 74,352.00
Other	0004-0000	\$ 20,000.00	\$ 100,000.00	\$ 120,000.00	**	\$ 672.13 **	\$ 119,327.87
Total Budget		<u>\$ 750,000.00</u>		<u>\$ 750,000.00</u>		<u>\$ 536,320.13</u>	<u>\$ 213,679.87</u>

** Spent from Other

	Date	Amount
ProjectDog, Inc. - OPM Advertisement	3/18/2015	\$ 50.00
Recording Secretary - SBC Minutes	6/24/2015	\$ 361.59
Cape Cod Times - Designer Advertiser	9/23/2015	\$ 145.60
Recording Secretary - SBC Minutes	9/23/2015	\$ 114.94

\$ 672.13

Environmental & Site Project Budget Status

Updated: 10/1/2015
10/14/2015

Feasibility and Schematic Design Phase	Vendor	Amendment No.	Current Budget	Consultant Fee	Designer Markup	Total Committed	Balance
Environmental and Site							
Traffic Study - PDP	Nitsch Engineering	001	\$ 16,500.00	\$ 15,000.00	\$ 1,500.00	\$ 16,500.00	\$ -
Topographical Survey - PDP	Nitsch Engineering	004	\$ 32,868.00	\$ 29,880.00	\$ 2,988.00	\$ 32,868.00	\$ -
Geotechnical Investigation - PDP	Geotechnical Services Inc. (GSI)	002	\$ 9,900.00	\$ 9,000.00	\$ 900.00	\$ 9,900.00	\$ -
Geo-Environmental Investigation PDP	Fuss & O'Neill	002	\$ 6,380.00	\$ 5,800.00	\$ 580.00	\$ 6,380.00	\$ -
Uncommitted			\$ 74,352.00	\$ -	\$ -	\$ -	\$ 74,352.00
TOTAL			\$ 140,000.00			\$65,648.00	\$74,352.00

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CodeRED Emergency Notification System



Spring Time On...

- School Building Committee
- School Committee
- Selectmen
- Sewer Commissioners
- Shore & Harbor Committee
- Special Works Opportunity Program
- Street & Traffic Light Committee
- Task Force On Local Pollution
- Transportation Advisory Committee
- Trustees of the Jonathan Bourne Public Library
- Trustees of the Veterans Memorial Community Center
- Wastewater Advisory Subcommittee

- Building Committee and Community Meeting Schedules
- Community Meetings
- Designer Proposal Review Committee
- MSBA Correspondence
- Massachusetts School Building Authority
- Project Schedules
- School Building Committee Meeting Minutes



Next

Event Calendar

« October »

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

All upcoming events

Upcoming Meetings

- Bourne Housing Authority
October 22, 2015 - 8:00am
- Bourne Housing Authority
October 22, 2015 - 8:00am - 9:00am
- bourne housing
October 22, 2015 - 8:00am - 9:00am

Town News

Handbook for the Special Town Meeting

The logo for the Massachusetts School Building Authority features a stylized skyline of buildings in shades of blue and grey, positioned above the organization's name. The name is written in a bold, serif font and is underlined.

Massachusetts School Building Authority

Town of Bourne James F. Peebles Elementary School

**Kick-Off Meeting
October 27, 2015 10:00 AM**

Objective:

Meeting to introduce the project team and discuss the project goals, procedures, and schedule.

Meeting Agenda:

1. Introductions
2. MSBA Communication Protocol
3. Status of Contracts and Agreements
4. Project Schedule
5. Feasibility Study Submittals (*Module 3*)
 - a. Preliminary Design Program (PDP)
 - b. Preferred Schematic Report (PSR)
6. Facilities Assessment Subcommittee Presentation (FAS)
7. Getting to a Project Scope and Budget Agreement (*Module 4*)
8. Questions, Comments, Concerns

MEMORANDUM

To:	Bourne School Building Committee	Date:	9/2/2015
From:	Joel G. Seeley	Project No.:	15041
Project:	Peebles Elementary School		
Re:	Communication and Document Control Plan – Feasibility Study / Schematic Design Phase		
Distribution:	(MF)		

This memorandum outlines the project communications and document control procedures for the project. It is meant to be a guideline for all parties to follow throughout the life of the project and will be updated at each phase.

Feasibility Study / Schematic Design Phase

- **Parties**
 - MSBA
 - Town: School Building Committee, Town Administrator, Superintendent of Schools
 - OPM: SMMA
 - Designer: Flansburgh Architects (FAI)
- **Correspondence**
 - All correspondence shall be by the same medium i.e. mail or email as original correspondence.
 - All correspondence between the MSBA and the Town shall be copied to the OPM. All correspondence between the MSBA and the OPM shall be copied to the Town.
 - All correspondence between the Town and the Designer shall be through the OPM.
 - All correspondence between the MSBA and the Designer shall be through the OPM.
 - All correspondence to the Designer's Consultants shall be through the Designer.
 - Reports submitted to the MSBA shall be by the OPM with copy to the Town and Designer.
- **Document Control**
 - The OPM will be responsible to ensure all relevant correspondence i.e. MSBA submissions, project schedules, project budgets, SBC meeting minutes, are posted on the Town's website.
 - The OPM will be responsible to ensure that the Town has a copy of all executed contracts and amendments.
 - The OPM will be responsible to ensure the MSBA has a copy of all executed contracts and amendments.

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Peebles Elementary School

Bourne, Massachusetts

October 22, 2015

**EXISTING
CONDITIONS
UPDATE**

**EXISTING
PEEBLES**

Peebles Elementary Landscape

- No compliant accessible route from Trowbridge Road to the main building
- Parent drop-off loop and area is inefficient and lacks proper student safety measures
- Safety zone for large playground structure does not meet fall zone height requirements
- Site drainage appears to be poor, with flooding at some entrance doors



MAIN DRIVEWAY



DROP-OFF



PLAY STRUCTURE



DOORS

Peebles Elementary Civil

- Further investigations into the septic system that currently serves the existing school building is required. It may need to be updated for the new flows from the proposed building if they exceed existing flows.
- There is currently a lack in stormwater collection. Most of the site sheet flows to the back area where it just runs off onto existing dirt and grass areas. Increased drywells and underground pipe storage may be required to meet infiltration requirements for MADEP Stormwater Standards
- Fire protection. One hydrant on the site that was located at the top of the front driveway entry from Trowbridge Road. The fire department may want additional hydrants if this site is developed with a new school building. Hydrant flow test should be done to confirm the pressures and volumes in the existing water system

Peebles Elementary Architectural

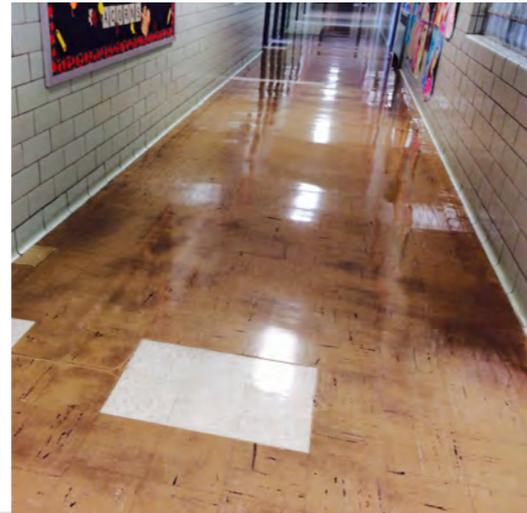
- Exterior Envelope: Low R-value & masonry repairs required
- Roof System: Must be replaced with proper insulation added
- Window System: Single pane windows throughout, prone to water infiltration. Asbestos in caulk.
- Interior Walls: Repair and paint throughout and add acoustic treatment as needed
- Flooring: Replace all flooring throughout building. New epoxy floor system has been installed at cafeteria
- Ceilings: Replace ceiling throughout to accommodate new lighting and improve acoustics
- Door & Hardware: Systems are in various states of disrepair. Replace and provide for ADA access.
- Regulations: Upgrade as required to meet code



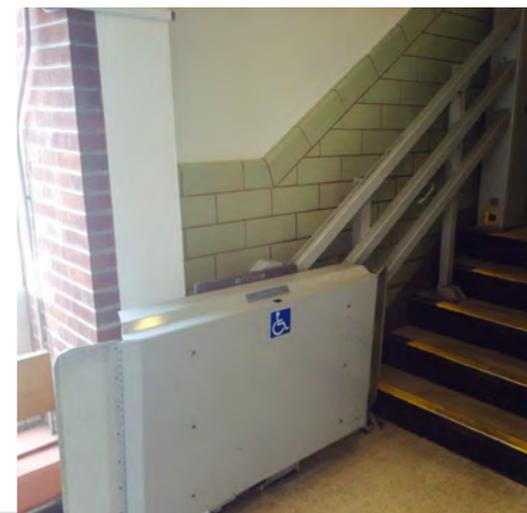
Exterior Masonry



Roof Systems



Floor Tile



Accessibility



Ceiling Systems

Peebles Elementary Equipment

- Sink locations are not Handicap Accessible
- Student Chairs are many different manufacturers and various ages.
- Kitchen is old with outdated cooking equipment.
- Literacy library is in part of the cafeteria.
- Lack of storage space.



Kitchen



Storage



Furniture



Classroom Sinks

Peebles Elementary Mechanical

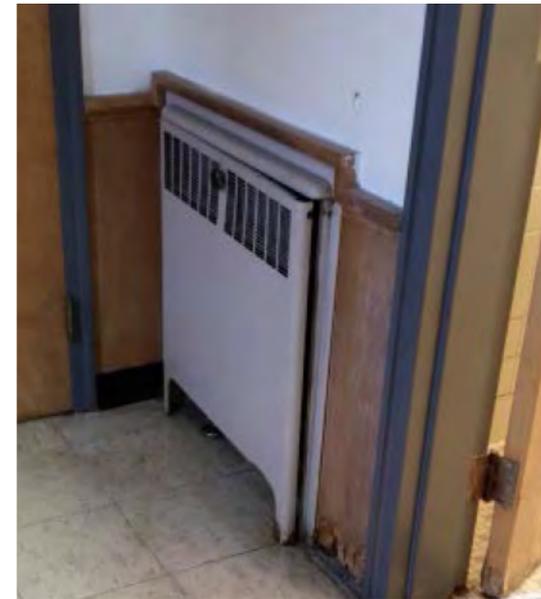
- Antiquated mechanical system with poor efficiency
- Lack of controllability results in both under and overheated spaces
- Poor ventilation air
- Classroom unit ventilators are undersized and promote uneven and inconsistent distribution
- Air handling unit in the media center has exceeded its expected maximum service life
- Computer room lacks proper cooling



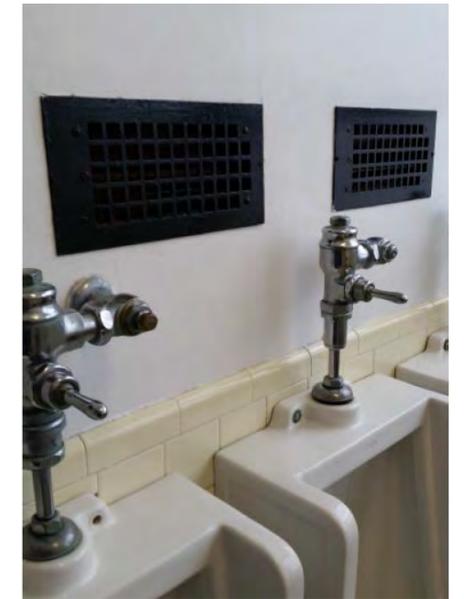
Air Handling Unit



Cafe Unit Ventilator



Wall Convactor



Toilet Exhaust

Peebles Elementary Electrical

- The existing 600-amp main disconnect and fused distribution panel should be replaced
- Interior lighting throughout the school is in fair condition and should be replaced
- Existing exits signs should be replaced and additional signs provided
- A new generator or self-contained battery units should be provided
- All site lighting should be replaced
- Duplex outlets are sparsely located throughout with cords typically running across the floor
- Existing strobes do not meet ADA for intensity. Classrooms do not have ADA horn/strobe units
- A new fire alarm system will be required to meet code



Distribution Panel



Lighting



Outlets



Emergency Devices

Peebles Elementary Fire Protection

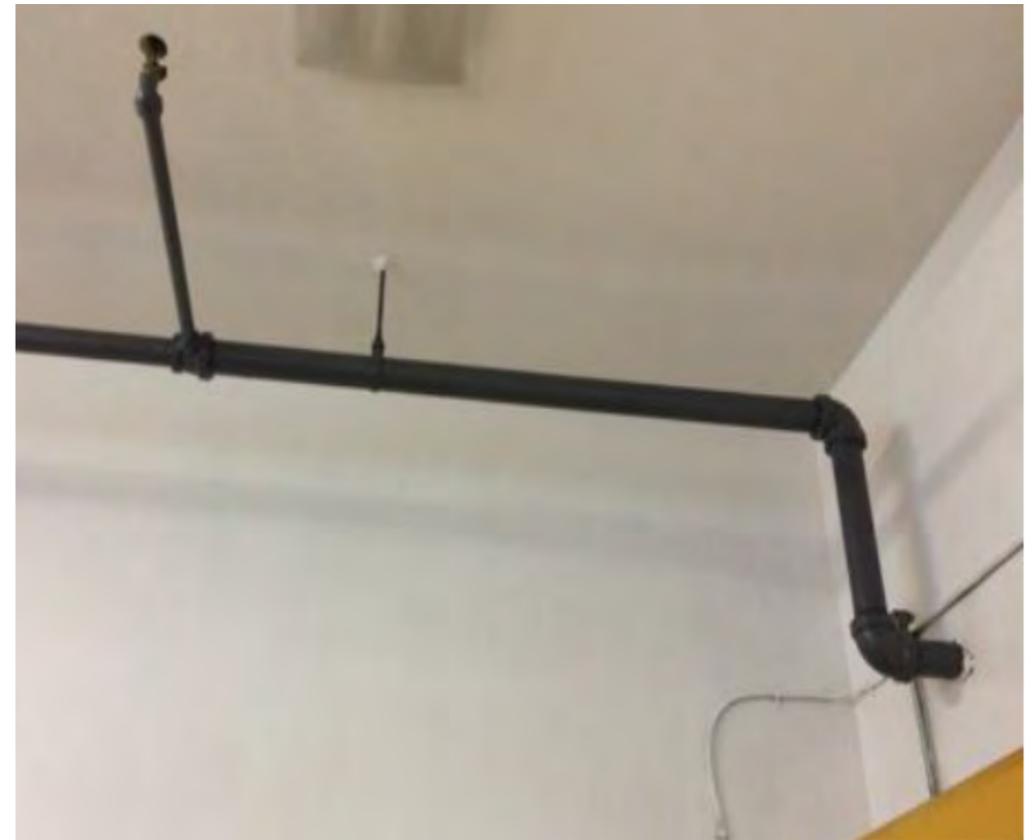
- Portions of the building are sprinklered
- The 1959 building is not sprinklered
- The service does not have a backflow prevention device
- The gate valve is not supervised by the fire alarm system



Fire Service & Alarm Valve



Fire Dept. Connection



Exposed Piping w/ Upright Sprinkler

Peebles Elementary Plumbing

- A complete new piping system is recommended
- Plumbing fixtures are in fair condition
- Lack of back flow preventer on the domestic water system
- Wall hydrants on exterior are in poor condition
- Sanitary drainage piping is in fair condition
- The kitchen grease trap appears undersized for the load



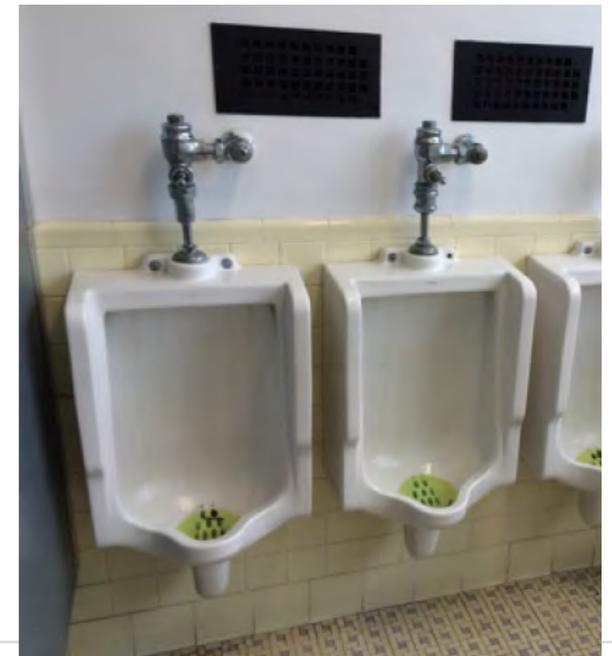
Domestic water meters



Water heater



Wall hung fountain



Urinals w/ exposed flush

Peebles Elementary Technology

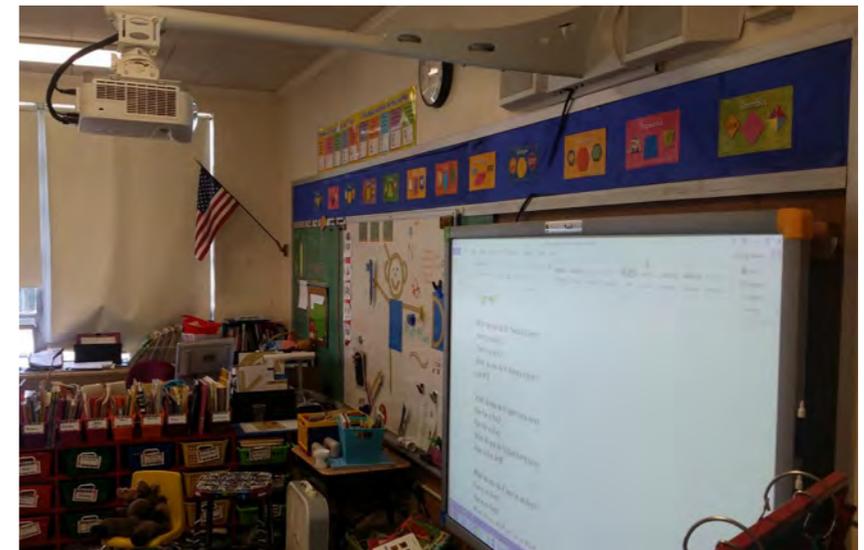
- Technology Infrastructure: MDF and IDF in a share space in a storage room, No environmental control in equipment rooms, accessibility issues in spline Office area ceiling
- Communications System: Older wall speakers throughout, Older Simplex Master Clock System
- Telephone: Older Nortel System with handsets in classrooms and office
- Security: one CCTV camera at front door, some older motion sensors, Main door intercom
- Classroom Technology: SMART boards w/ ultrashort projection, HP desktop computers, Mobile Chromebook carts were observed (difficult to move around school due to lack of elevator)
- Network: Older and obsolete Procurve HP switch chassis in the closet, Some UPS equipment supporting network switches, 3-4 Enterasys wireless access points throughout
- AV Systems: Older speakers on stage area, No AV in Gym



Tech Closet



Speaker



Smart Board

EXISTING BOURNEDALE

Bournedale Elementary Landscape

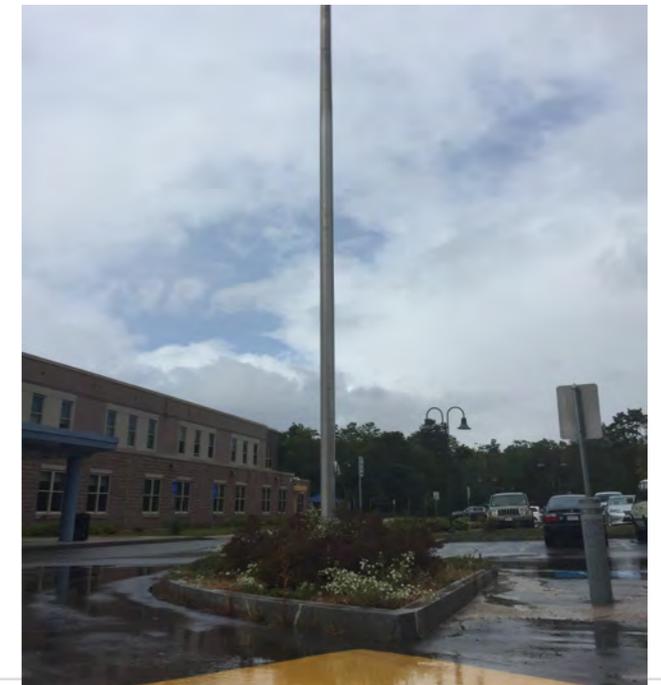
- Courtyard pavement does not drain properly and intermittently floods the adjacent hallway through the access door.
- No protective bollards at the flush sidewalk condition at the bus drop-off pick-up area at the rear of the school.
- Site drainage at the accessible spaces near the main entrance appears insufficient
- The school flagpole is not ADA accessible.



Courtyard



Bus Drop-Off



Flagpole

Bournedale Elementary Civil

- The existing school is on Septic so any addition to the school would increase flows to the septic system. Capacity would need to be checked to make sure it is sized to accept the increase in the flow.
- Drainage on this site could be straightforward if the existing detention pond is sized large enough to accept the new runoff flows from the addition and whatever additional impervious area created with the addition. If the detention pond is too small, it should be expanded to increase size and volume to accept and control the new flows.
- There is significant amounts of drainage infrastructure on site that could be used to help control the runoff from any new impervious created by the addition.
- Soils here are also very good and will allow for infiltration to help control runoff. Stormwater on this site should be relatively easy to deal with.
- Existing water infrastructure and hydrants were prevalent behind the building and any new addition would likely require additional hydrant locations. However the water infrastructure on this site seems to be in good condition and should not pose too many issues for an addition on this site. Hydrant flow tests would need to be provided to determine flow and pressures.

Bournedale Elementary Architectural

- Exterior Envelope: Appears to meet code, analysis of components will be evaluated
- Roof System: Active leaks occur at “roof to wall” intersections, Flashing must be replaced, sealants require repair and replacement, Precast caps have open joints in areas
- Window System: Appears to meet code, analysis of glazing to be confirmed, precast sills require cleaning and sealing
- Interior: Proper acoustic separation required at nurse’s suite/music stage area. Additional corridor wall protection (i.e. wainscoting and corner guards)
- Flooring: VCT lifting up at doorways due to water infiltration
- Door & Hardware: Water enters at exterior sills. New sills and sloping concrete away from entry required. Gym doors require weather gaskets.



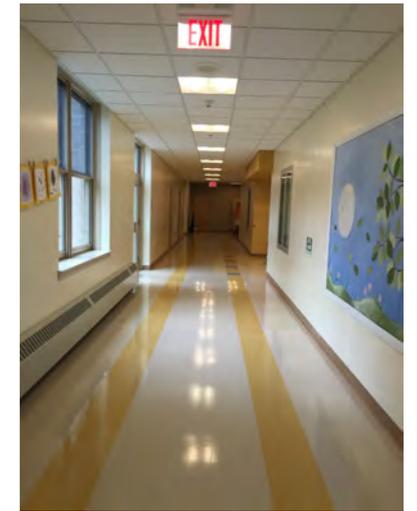
Roofing



Window Sills



Sealant



Hallways

Bournedale Elementary Equipment

- Cafeteria is at capacity
- Lack of storage in kitchen
- Media center has no more space for books
- Classroom cubbies / furniture obstruct supervision and encroach on teaching area



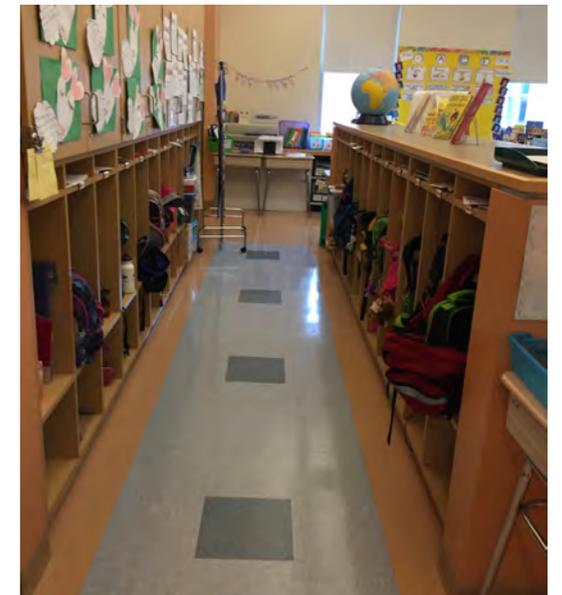
Cafeteria



Kitchen Storage



Media Center



Cubbies

Bournedale Elementary Mechanical

- Heating plant consists of High Efficiency Non Condensing gas fired Boilers. Boilers are approximately 8 years old; expected service life of the boiler is 20-25 years.
- Hot water is distributed to building heating equipment by variable speed pumping distribution system.
- Classrooms served by displacement ventilation dehumidification system that is served by packaged Direct expansion cooling dedicated outdoor air units. The rooftop units are approximately 8 years old and the expected service life is approximately 20 years. Classroom have supplemental hot water fin tube radiation heating.
- The Gymnasium is heated and ventilated by a gas-fired heating and ventilation rooftop unit. The RTU is approximately 8 years old; expected service life of the RTU is 20 years.
- The Administration and Media Center areas are air conditioned by a high efficiency air cooled chiller plant that serves 4-pipe heating and cooling ceiling mounted induction (active chilled beam) units. Ventilation air is provided by packaged rooftop air handling unit that are equipped with gas fired heating and direct expansion cooling. The RTUs, Chiller and induction units are approximately 8 years old.
- The building HVAC systems are controlled by a DDC (direct digital control) building energy management system.

Bournedale Elementary Electrical

- Existing electric service of 1600 Amps would need to be increased.
- Existing lighting system is fluorescent and outdated. New LED lighting and advanced lighting control system would be provided for new addition.
- Fire alarm system would need to be expanded with additional devices and possibly new panel with more capacity.
- Existing generator will not be able to handle the same full array of equipment in the addition as is supported in the existing building.

Bournedale Elementary Plumbing / Fire Protection

- Existing domestic water service is capable of supplying building addition. New cold water main to be provided from water entry to proposed addition.
- New domestic water heater should be provided for addition. Water heater would be condensing high efficiency.
- Existing below grade sanitary piping can be reused where sized appropriately for any added load.
- Natural gas system should have capacity for future additional load. Will need final confirmation with Eversource Energy.
- Existing fire water service is capable of supplying new building addition option. Sprinkler Main can be extending to addition from existing riser or new riser installed in addition.
- Existing sprinkler branch piping can be modified in renovated areas. New quick response heads to be installed in renovated areas.
- Existing sprinklers in non-renovated areas shall remain.

Bournedale Elementary Technology

- Technology Infrastructure: Dedicated MDF and one IDF with sufficient power and environmental conditioning, CAT 6 cabling, ceiling accessibility
- Communications System: PA system appears to be in good working order, Newer integrated master clock system
- Telephone: Newer Vertical VoIP Telephone System with integrated voicemail server
- Security: Modern access control, Intrusion control and video surveillance equipment that is expandable, Cameras were observed in hallways and exterior of building, Video intercom "Alphones"
- Classroom Technology: SMART Technology Smart Boards with standard throw projectors mounted in the ceilings
- Network: Newer Procurve HP switch chassis in the closet for networking, UPS equipment supporting network switches, Enterasys wireless access points throughout
- AV Systems: Large venue AV system in Cafeteria (with stage) and Gym.

Bourne Elementary Schools Visioning Workshop

Join us at a community meeting to...

Learn about 21st Century Education

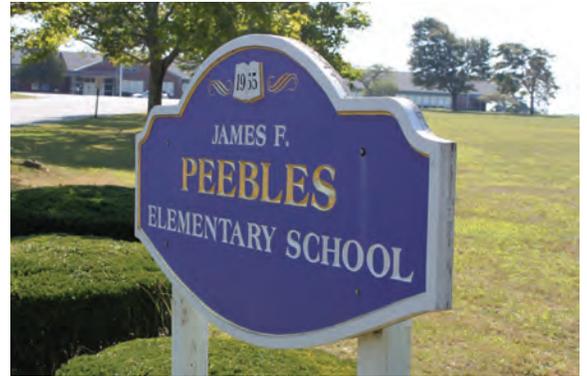
See examples of how dynamic academic programs and school facilities are changing to meet the needs of 21st century teaching and learning.

Share your thoughts

Let us know what is important to you with regard to the future of elementary educational programming and facilities in Bourne.

Shape your District's future

Contribute to the conversation and make your voice heard as we embark upon the important task of envisioning the future of Bourne Elementary Schools.



Location: Peebles Elementary School Cafeteria, 70 Trowbridge Road, Bourne

Date/Time: October 26, 6:00 - 8:00 PM *Child care will be provided at the school*