



Town of Barnstable Town Council

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TOWN COUNCIL MEETING AGENDA January 21, 2010 7:00 PM

Councillors:

Frederick Chirigotis
President

James H. Crocker, Jr.
Vice President

Richard G. Barry
Janice L. Barton
Ann B. Canedy
Debra S. Dagwan
Henry C. Farnham
Janet S. Joakim
J. Gregory Milne
James F. Munafo, Jr.
John T. Norman
Tom Rugo
James M. Tinsley

Administrator:
Donald M. Grissom

Administrative
Assistant:
Barbara A. Ford

- 1. ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. MOMENT OF SILENCE**
 - **Guest: Thomas S. Cahir, Administrator of the Cape Cod Regional Transit Authority**
- 4. PUBLIC COMMENT (May be limited to 2 minutes)**
- 5. COUNCIL RESPONSE TO PUBLIC COMMENT**
- 6. ACT ON MINUTES**
- 7. COMMUNICATIONS FROM ELECTED OFFICIALS, BOARDS, COMMISSIONS, STAFF, CORRESPONDENCE, ANNOUNCEMENTS AND COMMITTEE REPORTS**
- 8. ORDERS OF THE DAY**
 - A. OLD BUSINESS**
 - B. NEW BUSINESS**
- 9. TOWN MANAGER COMMUNICATIONS**
- 10. ADJOURNMENT**

NEXT MEETING: February 4th

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B. NEW BUSINESS

2010-080	Appropriate & transfer \$1,300,000 from proceeds of the sale of the Grade 5 School for the replacement of the heating system in the Barnstable Community Horace Mann Charter Public School (Refer to public hearing 02/04/10) (Roll-call)	13 – 14
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Minutes — January 7, 2010

Please Note:

It is possible that if it so votes, the Council may go into executive session.
The Council may also act on items in an order other than they appear on this agenda.

A. OLD BUSINESS (Public hearing) (Roll-call)

BARNSTABLE TOWN COUNCIL

ITEM NO.: 2010-056
INTRO.: 11/19/09, 01/21/10

2010-056 APPROPRIATE & TRANSFER FROM SET ASIDE-\$350,000 FOR AFFORDABLE HOUSING

ORDERED: That, pursuant to the provisions of G.L. c. 44B, the sum of Three hundred and fifty thousand and NO/100 (\$350,000) Dollars be appropriated and transferred from the amount set aside for Affordable Housing in the Community Preservation Fund on June 18, 2009 under agenda item number 2009-129; and that the Town of Barnstable, Growth Management Department is authorized to expend the amount of \$350,000 with the prior approval of the Town Manager for the creation of community housing by development by the Barnstable Housing Authority in development of twelve (12) affordable housing rental units on the property located at 70 Stage Coach Road, Centerville located on map / parcel 173 / 026, contiguous to 151 Oak Street, Map and Parcel 173 / 014, to be bound by an affordable housing restriction, easements or other security on behalf of the Town.

SPONSOR: Town Manager John C. Klimm upon recommendation of the Community Preservation Committee

DATE	ACTION TAKEN
_____	_____
_____	_____

- ___ Read Item
- ___ Motion to Open Public Hearing
- ___ Rationale
- ___ Public Hearing
- ___ Close public hearing
- ___ Council discussion
- ___ Move/vote

BARNSTABLE TOWN COUNCIL

ITEM# 2010-056
INTRO: 11/19/, 01/21/10

SUMMARY

Background: At their meeting on October 14, 2009The Community Preservation Committee (CPC) the CPC members voted unanimously to recommend the town support the \$350,000.00 grant funding request from the Barnstable Housing Authority (BHA) for development of twelve affordable rental units on property located at 70 Stage Coach Road, Map and Parcel 173 / 026 and contiguous to 151 Oak Street, Map and Parcel 173 / 014.

Rationale: The project will develop twelve affordable rental units at 70 Stage Coach Road in Centerville at an estimated total development cost of \$2,985,000. The BHA has requested a this \$350,000 CPA grant funding to assist in development of this 100% affordable rental development for families and individuals with incomes between 30% and 60% of the Area Medium Income. Each unit will be deed restricted requiring that the units to remain affordable in perpetuity.

The BHA intends to be the owner and developer of this 100% affordable rental property. Three buildings will be developed to accommodate a mix of one and two bedroom apartments. The BHA seeks to keep the proposed development's size and design compatible with this single family neighborhood

Construction is planned for approximately 25% of the 6.86 acres with the remaining property being placed under a Conservation Restriction in recognition as an area of concern for Eastern Box Turtles habitat. BHA is working with a consultant to ensure compliance with Massachusetts Natural Heritage and Endangered Species requirements.

Marketing of these affordable rentals will be targeted toward residents and employees of the Town of Barnstable in keeping with the Department of Housing and Community Development's Fair Housing marketing requirements. BHA will request both subsidy and loan funds from Massachusetts Housing Partnership Fund (MHP) as well as subsidy funds from Barnstable County HOME Consortium and the Massachusetts Affordable Housing Trust Fund. MHP, as Project Administrator, has recently issued a Project Eligibility Letter so BHA can move forward with a Zoning Board of Appeals application for a Comprehensive Permit.

BHA will provide the administrative support for the program.

A. OLD BUSINESS (Public hearing) (Roll-call)

BARNSTABLE TOWN COUNCIL

ITEM#: 2010-065
INTRO: 12/03/09, 01/21/10

**2010-065 AMEND THE ADMINISTRATIVE CODE BY ADDING SECTION 241-45.2
RENEWABLE ENERGY COMMISSION**

ORDERED: That Chapter 241 of the Town's Code be amended by adding the following new section creating a standing Renewable Energy Commission.

241-45.2 Renewable Energy Commission

Mission: The mission of the Barnstable Renewable Energy Commission is to promote energy conservation, energy efficiency, the development of renewable energy, and explore other ways to reduce carbon emissions among the town's residents, businesses, and in municipal affairs. These goals will be accomplished through educational activities and programs designed to encourage stakeholders to evaluate to their energy use and to consider renewable energy alternatives.

A. Establishment and term of office. There shall be a Barnstable Renewable Energy Commission consisting of nine members who shall be appointed by the Town Council. The Commission members may be selected from the following categories: local utility, state and federal officials, construction managers, architects and engineers, electricians and any other residents with an interest or background in renewable energy or energy conservation.

Members of the Renewable Energy Commission shall serve for terms of three years, so arranged that an equal number as possible shall expire each year. All members are required to be registered to vote and reside in the town.

(1) **Officers:** The Commission shall elect the following officers annually at the first meeting of the group after the scheduled appointments:

(a.) Chairperson shall preside at all meetings of the Commission and when he or she is present and shall direct the work of the committee. The chair may appoint annually chairs of any sub committees from the membership as approved by the Commission. The chair shall submit a brief annual report to the town council and the town manager for publication in the annual report of the town. The chair shall ensure continuing liaison between the Commission and the Town Council and all other appropriate town departments, committees and commissions.

(b.) Vice chairperson shall assume all duties and powers in the absence of the chairperson.

(c.) Clerk shall keep minutes of all meetings and proceedings of the Commission and record any action taken. Clerk shall post notices of Commission meetings and give notice to members when necessary.

(2) **Meetings:** The Commission's meetings shall be open to the public, and be held at a regular time and place when possible. The time and place of each meeting shall be posted at Town

Hall. All records and minutes of any Commission meeting or action shall be filed with the Town Clerk and be available to the public. Five members shall constitute a quorum. Members shall make every effort to attend all meetings and perform such duties as are assigned. Any member unable to attend a meeting shall notify an officer of the Commission.

B. Authorities and responsibilities. The Renewable Energy Commission will be a standing committee serving as an advisory board to the Town Council and the Town Manager. The Commission's charge is to:

Study and recommend viable methods for achieving energy conservation and for utilizing renewable sources of energy within the town.

- Provide assistance/education and outreach to residents on how individuals, families and businesses can implement renewable energy and conservation efficiency measures in their homes, businesses and daily lives.
- Promote energy efficiency programs available through the Cape Light Compact in residential and commercial sectors.
- Undertake, and update yearly, a town-wide Energy Audit and inventory of energy and Greenhouse Gas emissions for the town and the setting of goals for energy and emissions reductions.
- Review Town ordinances to promote energy conservation and renewable energy use.
- Make recommendations to and cooperate and communicate with Town officials, boards and commissions as well as public and private groups with similar concerns, and with the appropriate agencies of the state, regional, and federal governments.
- Draft an Energy and Climate Action Plan.
- Facilitate the implementation of the goals of the Barnstable Energy and Climate Action Plan to ensure that the savings potential possible through energy efficiency and renewable energy technologies are achieved.

C. Interrelationships. The Renewable Energy Commission will work in cooperation with other Town Boards and Committees, as well as with Town employees, in carrying out its mission and responsibilities. The Commission will also seek the cooperation and assistance of relevant governmental agencies, non-profit organizations, businesses and the general public.

(1) Town Council: The Commission shall meet at least annually with the Town Council to apprise the Town Council of issues pertaining to energy conservation and renewable energy.

(2) Town Manager: The Commission meets as necessary with the Town Manager and all municipal departments and/or other administrative staff in order to effectuate accomplishment of its mission.

(3) Other boards: The Commission meets as necessary with any multiple-member body of the Town to effectuate accomplishment of its mission.

D. All members shall serve without compensation.

SPONSORS: Town Manager John C. Klimm, Councilor J. Gregory Milne, Council President Chirigotis, Councilor Janet Joakim.

BARNSTABLE TOWN COUNCIL

SUMMARY

ITEM NO.: 2010-065
INTRO.: 12/03/09, 01/21/10

TO: Town Council
FROM: John C. Klimm, Town Manager
DATE: November 24, 2009
SUBJECT: Creation of a Renewable Energy Commission

BACKGROUND: Starting in 2002, when the town council voted unanimously to undertake a town-wide Energy Audit and in 2003, when it established a goal of reducing Green-House gas emissions by 20% by 2013, Barnstable has been committed to reducing its energy use, both to save on energy-related expenditures and to improve the environment.

Pursuant to the 2003 Resolve, a municipal Green Team Committee consisting of town employees was formed “to create an Action Plan to implement town policies relative to the reduction of community and municipal greenhouse gas emissions, recycling, and energy efficiency.” While the Green Team has been effective in helping to reduce municipal energy use, it has become apparent that in order to substantially reduce energy consumption and increase conservation town-wide, a new community-based Commission should be created.

ANALYSIS: As the “Authorities and responsibilities section” makes clear, “The mission of the Barnstable Renewable Energy Commission is to promote energy conservation, energy efficiency, the development of renewable energy, and explore other ways to reduce carbon emissions among the town’s residents, businesses, and in municipal affairs.”

A citizen-based team increases collaboration, helps build consensus, and allows the involvement of those affected by particular decisions. Building a team of essential players, with a unified vision of the actions Barnstable can achieve, will help meet the challenge of creating and implementing the most effective energy-reduction plan possible. Escalating costs of fossil fuels and our dependence on foreign oil require initiatives to reduce energy consumption.

With a Renewable Energy Commission in place, the important effort of reducing the entire town’s energy consumption and creating a Climate Action Plan to guide the town towards meeting its stated commitment to reduce energy consumption 20% by 2013 can begin in earnest. Lastly, the establishment of this commission meets the criteria for Barnstable’s designation as a “Green Community” under the *Green Communities Act*, and eligible for additional energy related grant funding.

FISCAL IMPACT: The creation of the Commission should have minimal to no adverse fiscal impact, and very likely will mean substantial energy cost reductions for both the town and the community as a whole.

STAFF SUPPORT: Richard Elrick, Energy Coordinator

A. OLD BUSINESS (Public hearing) (Roll-call)

BARNSTABLE TOWN COUNCIL

**ITEM# 2010-071
INTRO: 01/07/10, 01/21/10**

2010-071 AMENDING CHAPTER 76 OF THE GENERAL CODE - SCHEDULE OF FEES

ORDERED, that Chapter 76 of the General Code of the Town of Barnstable is hereby amended by deleting three Chapter 76 sections, and replacing them with the following amended sections.

Chapter 76 of the General Code:

- 76-3 Weights and Measures annual fees (MGL C.98§56)
- 76-4 Licensing
- 76-6 Building

§ 76-3. Weights and Measures annual fees (MGL C. 98, § 56).

Description	Fees Per Device	
	<u>1 – 3</u>	<u>4 or more</u>
Scale with capacity over 10,000 lbs.	\$250	\$225
Scale with capacity 5,000-10,000 lbs.	\$135	\$110
Scale with capacity 100-5,000 lbs.	\$ 80	\$ 70
Scale with capacity less than 100 lbs.	\$ 50	\$ 45
Weights (each)	\$ 8	\$ 6
Liquid measures	\$ 30	\$ 30
Liquid measure meters	-----	-----
Lubricant meters	\$ 50	\$ 45
Motor fuel meters	\$ 50	\$ 45
Vehicle tank meters	\$110	\$100
Vehicle tank meter gravity	\$175	\$150
Bulk storage tank meter	\$175	\$150
Mechanical pumps, each stop	\$ 10	\$ 10
Taxi meters (semi-annually)	\$ 55	\$ 50
Commercial odometer – hubodometer	\$ 55	\$ 50
Leather measure	\$175	\$150
Dry measure, one bushel or less	\$ 85	\$ 85
Dry measure, more than one bushel	\$120	\$120
All other measuring devices	\$125	\$125
Rope, wire or chain measuring devices	\$ 25	\$ 20
Reinspection fee (after official rejection)	\$ 95	\$ 95
Reverse Vending Machines		
Bottle and Can redemption Inspection		
Disposable Test Material Supplied by Inspector	\$25.00	\$20
Disposable Test Material supplied by Store	\$15.00	\$10
Automatic Electronic Check-Out Systems		
3 or less cash registers (per inspection)	\$85.00	N/A
4-11 cash registers (per inspection)	\$170.00	N/A
12 or more cash registers (per inspection)	\$280.00	N/A

2010-071 (Continued)

§ 76-4. Miscellaneous licenses and permits. [Amended 6-1-2006 by Order No. 2006-128]

MGL C./Section	Description	Fees
101, § 33	Temporary license to sell for charitable purposes	\$ 10
138, § 30A	License for pharmacist to sell alcoholic beverages	\$2,000
140, § 2	Licenses for inns and restaurants	\$ 100
140, § 21B	License to serve nonalcoholic beverages	\$ 100
140, § 32B	License for mobile home parks	\$ 50
140, § 32B	License for motels	\$ 50
140, § 34	License for lodging house	\$ 50
140, § 49	License for vehicle for sale of food	\$ 250
140, § 56A	License for shooting gallery	\$ 100
140, § 59	Auto dealer license	\$ 150
140, § 177A	License for automatic amusement devices	\$ 100
140, § 183A	Entertainment annual	\$ 250
140, § 183A	Entertainment daily	\$ 25
140, § 1851	License for fortune tellers	\$ 250
140, § 192	License for rental boats (freshwater)	\$ 100
	License to store hazardous materials	\$ 100
	Septic system inspection filing	\$ 25
	Board of Health request for variance	\$ 85
	Application fee – licenses and permits	\$ 100
140, § 56	Open Air Parking Lot	\$150.00 plus \$7.50 per space

§ 76-6. Building, sign, wiring, plumbing and gas permit fees.

Building Permits

Description

Fees

Residential (R03, R-4 Use Groups)

New Buildings

Application fee

\$100

Permit fee

\$5.10 per \$1,000 of construction value

Additions, alterations/renovations

Application fee

\$50

Permit fee

\$5.10 per \$1,000 of construction value \$35 minimum

Commercial and all other use groups

New Buildings

Application fee

\$150

Permit fee

\$9.10 per \$1,000 of construction value

Additions, alterations/renovations

Application fee

\$100

Permit fee

\$9.10 per \$1,000 of construction value; \$60 minimum

Permit fee for all other structures (not specified)

\$9.10 per \$1,000 based on actual value; \$100 minimum

Plumbing Permits

Description

Residential, per unit

Fees

\$ 40/first fixture plus \$12 each additional fixture

Commercial, per unit

\$ 60/first fixture plus \$15 each additional fixture

Gas Permits

Description

Residential, per unit

\$ 40/first fixture plus \$12 each additional fixture

Commercial, per unit

\$ 60/first fixture plus \$15 each additional fixture

2010-071 (Continued)

Electrical Permits

Description	Fees
Residential	
New construction per unit	\$150
Additions/renovations	
Less than 500 SF	\$ 30
Greater than 500 – 1,500 SF	\$ 50
Greater than 1,500 SF	\$100
Minor alterations/appliances	\$ 30
Change of service/meter	\$ 30
Accessory structures (garage,barn,etc, excluding separate meter)	\$ 30
Temporary service	\$ 30
Meters per unit	\$ 30
Smoke detectors/alarms	\$ 30
Commercial	
New construction per unit	\$200+\$25 per 1,000 SF greater than 4,000 SF
Additions/renovation	
Less than 1,000 SF	\$ 75
Greater than 1,000-2,500 SF	\$100
Greater than 2,500 SF	\$150 + \$25 per 1,000 SF greater than 4,000 SF
Minor alterations/appliances, etc.	\$ 30
Change of service/meter	\$ 40
Temporary service	\$ 30
Signs	\$ 30
Carnivals/fairs	
1-10 concessions/rides	\$ 50
10 concessions/rides	\$ 100

Signs

Description	Fees
Under 25 SF	\$ 50
Over 25-50 SF	\$ 75
Over 50-75 SF	\$150
Over 75 SF	\$200

Miscellaneous Permits and Fees

Description	Fees
Accessory building: all use groups	
Greater than 120 SF – 500 SF	\$ 35
Greater than 500 SF – 750 SF	\$ 50
Greater than 750 SF – 1,000 SF	\$ 75
Greater than 1,000 SF – 1,500 SF	\$100
Greater than 1,500 SF	Same as new building permit based on actual cost
Change of permit holder	\$ 35
Pre-building code structure, certificate of occupancy	\$ 75
Change of use permit (no construction)	\$ 25
Foundation permit (separate from building permit for cause only)	\$ 35
Zoning compliance certificate (lots/existing uses/structures)	\$ 50 minimum + research time
Reinspections (for work not ready for inspection, incomplete work or failure of inspectors to gain access to premises)	\$100
Removal of stop-work order	\$ 50
Replacement of lost permit inspection cards	\$ 50
Chimney/fireplace (new and reconstruction)	\$ 35
Certificates of inspection	\$10 increase CMR 780 Table 106 \$ 50 minimum
Permit renewals	
First renewal	\$ 50
Second renewal (for cause only)	\$ 75
Inground swimming pools	\$125
Aboveground swimming pools	\$ 75
Decks, open porch	\$ 60
Relocation/moving (includes new foundation)	\$250
Demolition	
Residential principal buildings (\$4.10 per \$1,000 of construction value)	Minimum \$125; (\$5.10 per \$1,000 of construction value)
Accessory buildings	\$ 50
Commercial buildings (\$8.10 per \$1,000 of construction value)	(\$9.10 per \$1,000 of construction value)
Home occupation (no construction)	\$ 35

Miscellaneous Permits and Fees (Continued)

Description	Fees
Pre-permit plan review (one and two family)	\$..75
Temporary residential certificate of occupancy (for cause only)	\$ 75
Residential certificate of occupancy	\$ 25
Temporary commercial certificate of occupancy (for cause only)	\$ 75
Commercial certificate of occupancy	\$ 75
Pre-permit plan fees	\$100
Site plan (fees)	
Project construction cost under \$5,000	\$100
\$5,000 - \$14,999	\$200
\$15,000 - \$49,999	\$250
\$50,000 - \$249,999	\$350
\$250,000 or more	\$500
Permit related to work begun prior to time allowed for acquiring permits under Building, Electrical, Plumbing and Gas Code	Two times permit cost

[Added 10-19-2006 by Order No. 2007-033]

Express Permits

Description	Fees
Minimum	\$ 35
Residing/reroofing (residential)	\$5.10 per \$1,000 of construction value
Wood/coal stoves	\$ 35
Replacement windows	\$ 35
Sheds under 120 SF	\$ 35
Others (as determined by inspector)	\$ 35

Tents (See § 240-9D of Ch. 240, Zoning)

Description	Fees
Residential	\$ 25
Fund raiser/special event/nonprofit agency	\$ 25
Commercial (temporary accessory structure)	\$100
Organized and supervised recreational camp (special permit required)	\$ 50

SPONSOR: Town Manager John C. Klimm

DATE	ACTION TAKEN
_____	_____
_____	_____

- ___ Read Item
- ___ Motion to Open Public Hearing
- ___ Rationale
- ___ Public Hearing
- ___ Close public hearing
- ___ Council discussion
- ___ Move/vote

BARNSTABLE TOWN COUNCIL

ITEM# 2010-071
INTRO: 01/07/10, 01/21/10

SUMMARY

TO: Town Council
FROM: John C. Klimm, Town Manager
THROUGH: Thomas F. Geiler, Director Regulatory Services Department
DATE: November 6, 2009
SUBJECT: Fee Schedule Change

BACKGROUND: Chapter 76 of the General Code of the Town of Barnstable contains the schedule of fees established by the Town Council. The fees contained therein are primarily fees for licenses or permits associated with commercial or business activities. The council has maintained a policy of 100% cost of service recovery rate for several years.

ANALYSIS: Changes in laws and regulations as well as changes in technology affect the procedures and policies governing the licensing and inspection process. This revision is an attempt to bring the fees closer to achieving the council goal of 100% cost recovery. In some cases, this is not possible. Some permits carry state imposed maximums that prevent the town from achieving 100% cost recovery. This proposal identifies fees that no longer reflect 100% cost recovery and adjusts the fees to remove discrepancies. The average annual percentage increase is 2.8%.

FISCAL IMPACT: It is anticipated that adoption of this amended fee schedule would have a positive impact on the town's financial position. Failure to adopt the amended schedule will result in reduced revenue in FY 12. Reduced revenue will require the town reduce expenditures to balance the budget. Reduced revenues will almost certainly result in reduced services. Reduced services may result in additional lost revenue from fees associated with the reduced services.

Our goal is to continue to increase our efficiency and effectiveness. We cannot do that without appropriate resources. Fees for service are an important resource.

See current fee/proposed fee comparison chart attached –

TOWN MANAGER RECOMMENDATION: The Town Manager recommends approval of this order.

STAFF ASSISTANCE:

Tracey Smith, Administrative Assistant, Consumer Affairs Division
Debi Barrows, Building Division
Thomas Perry, Building Commissioner
Thomas F. Geiler, Director Regulatory Services

B. NEW BUSINESS (Refer to public hearing 02/04/10) (Roll-call)

BARNSTABLE TOWN COUNCIL

ITEM# 2010-080

INTRO: 01/21/10

2010-080 APPROPRIATE & TRANSFER \$1,300,000 TO REPLACE HEATING SYSTEM AT BARNSTABLE COMMUNITY HORACE MANN CHARTER PUBLIC SCHOOL.

ORDERED: That the sum of \$1,300,000 be appropriated for the purpose of funding to replace the existing main heating system utilizing oil-fired steam boilers and the existing classroom unit ventilators at Barnstable Community Horace Mann Charter Public School with gas-fired hot-water-condensing boilers and energy recovery ventilators; and that to meet this appropriation, the sum of \$1,300,000 be transferred from the sale of real estate account where the proceeds from the sale of the Grade 5 School building are held in accordance with state law.

SPONSORS: Councilor Janice Barton and the Barnstable School Committee

DATE	ACTION TAKEN
_____	_____
_____	_____

- ___ Read Item
- ___ Motion to Open Public Hearing
- ___ Rationale
- ___ Public Hearing
- ___ Close public hearing
- ___ Council discussion
- ___ Move/vote

BARNSTABLE TOWN COUNCIL

ITEM# 2010-080

INTRO: 01/21/10

SUMMARY

TO: Town Council
FROM: School Committee
THROUGH: Councilor Janice Barton and Town Manager John C. Klimm
DATE: 1/13/10
SUBJECT: Barnstable Community Horace Mann Public Charter School – heating system replacement

BACKGROUND: The former Grade 5 School was sold in 2005 for \$3,000,000. The proceeds (less expenses of the sale) are held in an account to be used for school capital improvements and for facilities improvements. Under General Laws Chapter 44, Section 63, the proceeds may lawfully be used for any purpose for which the Town is authorized to incur debt for a period of five years or more. This would include the replacement of a heating system.

The School Committee has requested that the Town Council authorize the expenditure of \$1,300,000 from the Grade 5 School sales proceeds account for the full replacement of the heating system at Barnstable Community Horace Mann Charter Public School.

RATIONALE: The current heating system at Barnstable Community Horace Mann Charter Public School, at 165 Bearse's Way, Hyannis, is 60 years old. The boilers, unit ventilators, piping, and traps are all obsolete and inefficient.

The Hyannis East facility was constructed in 1951 and is original with no additions or renovations. The structure is heated by a 3.5 million BTU low pressure gravity steam system that utilizes #4 heating oil. There have been no renovations to the heating system with the exception of the addition of a Tridium remote monitoring system and the actual burner was replaced in 1986 along with the underground storage tank. Heat is transferred from boiler to classroom by univents that are original equipment and steam radiators in the hallways. Exhaust fans and vents are original equipment and are belt driven fans with no automation.

The existing steam system should be replaced with a hot water system which would lower costs to operate and maintain. It needs to be replaced with a redundant, energy efficient, digitally controlled heating system with the capability of firing from dual fuels (natural gas and Number 2 oil). The school's unit ventilators have outlived their useful life and should also be replaced with new, utilizing the existing and sufficient fresh air intake wall penetrations. The steam pipes and its insulation should be abated and replaced with new piping and modern insulation to make the entire system energy efficient. Pneumatic thermostats need to be replaced with digital controls to complete the package. A CoGen unit should be considered as part of the redundant boiler system, providing not only the primary source of hot water for heating (through its waste heat exchange) but also as a source of electricity for the school. We would also benefit from the ISO monthly rebate of \$1,100 that could offset the overall energy cost. The attic and rooftop ventilating fans are beyond maintenance and need to be replaced.

FINANCIAL IMPACT: As stated in the Background Section the proceeds from the sale of the Grade 5 School facility are held in an account for the sole purpose of improving school capital and facilities. The current account has a balance of \$2,575,989.00. As the School Committee solidifies the long term facilities plan, it has identified this fund for two major purposes. The first area of focus is the design services for the Barnstable High School athletic track and field replacement. The second area of focus is the full replacement of the heating plant at Barnstable Community Horace Mann Charter Public School.

The financial impact to this fund is that the remaining balance after the funding of these two initiatives will be approximately \$1,195,989.00