

CITY OF NEWTON
IN BOARD OF ALDERMEN
PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, JANUARY 7, 2009

7:45 p.m.
ROOM 209

ITEMS TO BE DISCUSSED:

Public Hearing Assigned for January 7, 2009

#482-08 NSTAR ELECTRIC COMPANY petitioning for a grant of location to install 15' ± of conduit in ELLIOT STREET from Manhole 21032 southerly to a private drive and to install 50'± of conduit in WINCHESTER STREET from Needham Street in a northerly direction to Manhole 3436 in Winchester Street.

Public Hearing Assigned for January 7, 2009

#481-08 NSTAR ELECTRIC COMPANY petitioning for a grant of location to install 54'± of conduit in WASHINGTON STREET from Perkins Street northerly to an existing manhole in Washington Street and to install 684'± of conduit with two new manholes in PERKINS STREET from Washington Street southeasterly to 45 Perkins Street.

REFERRED TO PUBLIC FACILITIES AND PROGRAMS & SERVICES

#7-09 ALD. HESS-MAHAN LINSKY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY & VANCE proposing a Resolution to His Honor the Mayor to ensure that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible. [12-30-08 @9:55 AM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#11-09 HIS HONOR THE MAYOR requesting authorization to appropriate and expend three hundred ninety-four thousand dollars (\$394,000) from bonded indebtedness for the design work for the rehabilitation of Fire Station #7. [12-24-08 @ 1:55 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#12-09 HIS HONOR THE MAYOR requesting authorization to appropriate and expend two hundred twenty five thousand dollars (\$225,000) from bonded indebtedness to the Building Department for the purpose of replacing a boiler at City Hall. [12-24-08 @ 1:54 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #13-09 HIS HONOR THE MAYOR requesting authorization to appropriate and expend three hundred eighty-five thousand dollars (\$385,000) from bonded indebtedness to the Public Works Department for the purpose of replacing both the salt shed and the Quonset hut at Crafts Street. [12-30-08 @ 5:04 PM]
- #6-09 HIS HONOR THE MAYOR requesting authorization to acquire and accept a permanent easement from the Commonwealth of Massachusetts to maintain a sewer line and operate and maintain a pumping station on Commonwealth owned land at Hemlock Gorge on Elliot Street to finalize the acquisition that was begun with Board Order #672-86(2).
- #385-07 ALD. SCHNIPPER AND GENTILE updating the Public Facilities Committee on the progress of the Newton North High School Project. [11-21-07 @ 10:23 AM]

ITEMS NOT SCHEDULED FOR DISCUSSION:

REFERRED TO PUBLIC FACILITIES AND PROGRAMS & SERVICES

- #8-09 ALD. HESS-MAHAN LINSKY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY & VANCE proposing an ordinance requiring that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible. [12-30-08 @9:55 AM]

Public Hearing Assigned for January 21, 2009

- #5-09 ATTY. PETER HARRINGTON on behalf of LaSalle Developers, LLC, petitioning for a common sewer main and easement in PINE MEADOW DRIVE from the existing sewer main in Pine Street northwesterly 250' to a proposed manhole in Pine Meadow Drive (a private way). PETITIONER TO PAY ENTIRE COST [11-24-08 @10:06 AM]

Public Hearing Assigned for January 21, 2009

- #4-09 JAMES H. WEXLER & FRANCES E. STOLL, 22 Exmoor Road, Newton Centre 02459 petitioning to extend a main drain from existing Manhole # 77-1600 in EXMOOR ROAD in a southeasterly direction 94' ± to a proposed manhole in front of 22 Exmoor Road. (Ward 8) [11-24-08 @11:53 AM]
PETITIONER TO PAY ENTIRE COST

- #457-08 ALD. LAPPIN AND SALVUCCI requesting discussion with NStar regarding the timely repair of City streetlights and the development of a standard response timeframe. [11-20-08 @ 12:51 PM]
- #368-08 ALD. LINSKY requesting approval of the Board of Aldermen of the design for improvements affecting the area where Walnut Street, Lowell Avenue and Watertown Street intersect including a traffic island, curb extensions and the dead ending of Lowell Avenue. [10-14-08 @ 12:53 PM]

- #342-08 ALD. SANGIOLO AND HARNEY requesting raised crosswalks/intersections at Grove and Cornell Streets and Grove Street and Pine Grove Avenue as approved by the Traffic Council to be funded with the Cabot, Cabot and Forbes Traffic Mitigation Fund for Lower Falls (Ward 4). [07-28-08 @ 11:35 AM]
- #341-08 NATIONAL GRID petitioning for a grant of location to install and maintain 80 ± of 6, 12" gas main from the existing 12" gas main in Lowell Avenue at Hull Street easterly to the existing 8" gas main across from Newton North High School and to install a new regulator station in HULL STREET (Ward 2). [09-26-08 @ 11:10 AM]

REFERRED TO PROG. & SERV., PUB. FAC., AND LAND USE COMMITTEES

- #329-08 ALD. JOHNSON, ALBRIGHT & LINSKY requesting amendment to §20-13, *Noise Ordinance*, of the City of Newton Ordinances to prohibit the City from exceeding the parameters of time and decibel restrictions unless it receives approval from the Land Use Committee of the Board of Aldermen. [09-02-08 @ 12:00 PM]
- #297-08 NSTAR ELECTRIC COMPANY petitioning for a grant of location to relocate Pole #223/5 on the westerly side of IRVING STREET ± 129' north of Commonwealth Avenue (Ward 7). [07-21-08 @ 11:02 AM]
- #241-08 ALD. SCHNIPPER requesting an update on the progress of the design for the reconstruction of Needham Street. [6-13-08 @ 11:45 AM]
- #208-08 ALD. GENTILE, SALVUCCI AND SCHNIPPER requesting a discussion on establishing a permanent Building Committee in the City of Newton. [05-16-08 @ 11:47 AM]

REFERRED TO COMMUNITY PRESERVATION & FINANCE COMMITTEES

- #147-08 COMMUNITY PRESERVATION COMMITTEE recommending that the sum of \$359,400, including \$2,000 for legal costs, be appropriated from the FY'08 Community Preservation Fund's historic resources and general reserves, for a project to rehabilitate and expand storage space for the research library and archives at the Newton History Museum, to preserve the existing collections, and enhance public access to the collections. [04-01-08 @ 4:10 PM]
COMMUNITY PRESERVATION APPROVED 6-0 on 4-29-08

REFERRED TO PROG. & SERV., PUB.FAC. AND FINANCE COMMITTEES

- #89-08 ALD. PARKER requesting the following:
- A) review of the maintenance practices for buildings, parks and other properties owned by the City (including School Department facilities and grounds)
 - B) development of a comprehensive maintenance plan that includes regular schedules for preventive maintenance for each specific site or facility
 - C) a RESOLUTION requesting that implementation of said maintenance plan be funded using operating budget funds. [02-13-08 @ 12:07 PM]

Re-appointment by Board President

#50-08 PRESIDENT BAKER recommending Joseph Michelson, 94 Park Avenue, Newton be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

Re-appointment by the Board President

#48-08 ALD. BAKER recommending Lawrence Bauer, 42 Eliot Memorial Road, Newton, be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

Re-appointment by Board President

#46-08 PRESIDENT BAKER recommending Robert O. Smith, P.E., 55 Chester Street, Newton Highlands be re-appointed as an Aldermanic appointee to the DESIGN REVIEW COMMITTEE, term of office to expire 12/31/09. [01-17-08 @ 3:48 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#31-08 ALD. COLETTI proposing a RESOLUTION to His Honor the Mayor expressing a no confidence vote pertaining to the current status of the Newton North High School Construction Project and related Financing Plan. [01-15-08 @ 11:14 AM]

ITEM RECOMMITTED TO PUBLIC FACILITIES AND FINANCE ON 6/19/08

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#11-08 HIS HONOR THE MAYOR requesting an appropriation in the amount of \$1,200,000 from bonded indebtedness for the purpose of funding the installation of four modular classrooms. [01-02-08 @ 4:53 P.M.]

B) \$1,225,000 from bonded indebtedness

NOTE: Letter received from Mayor on 1/4/08 requesting that appropriation amount be amended to \$1.3 million. Letters received 5/7 and 5/21 requesting that the funding source to capital stabilization for costs incurred for design work and the remaining \$1,225,000 from bonded indebtedness be voted no action necessary. Part A) \$75,000 from Capital Stabilization approved on 6/19/08.

#352-07 ALD. SANGIOLO AND PARKER request Turner Construction, Project Manger for the Newton North High School Project and the DEP representative overlooking this project to discuss the issues and concerns raised regarding asbestos removal, transportation and disposal for the Newton North site and also information on 5,000 cubic feet of loam being removed to the Elliot Street and Rumford Avenue Yards. [10-17-07 @ 11:54 AM]

#351-07 ALD. PARKER AND SALVUCCI requesting that the Department of Public Works create an inventory and inspection regimen of bridges and culverts less than 20' in length and develop a maintenance plan for all city-owned bridges including those over 20', as recommended by the Undersecretary of Public Works at the Executive Office of Transportation, Robert Rooney. [10-17-07 @ 12:11 PM]

- #350-07 ALD. LINSKY requesting discussion with the utility companies regarding rectification of utility wires that are not mounted high enough on utility poles to avoid being torn down, thereby causing damage to persons and/or property. [10-17-07 @10:33 AM]
- #304-07 LASALLE DEVELOPMENT, LLC, 210 Auburn Street, Auburndale, petitioning for construction of a common sewer in PINE MEADOW DRIVE EXTENSION from an existing sewer main in Pine Meadow Drive northwesterly 140' ± to a proposed sewer manhole in Pine Meadow Drive Extension. [03-30-07 @8:46 AM] **PETITIONER TO PAY ENTIRE COST**
- #253-07 ALD. LINSKY ALBRIGHT, JOHNSON, HARNEY, SANGIOLO, SALVUCCI, MANSFIELD, BURG, SCHNIPPER requesting (1) a review as to how provisions of applicable ordinances, specifically 5-58, were implemented during the course of the Newton North project, and (2) consider proposed revisions of 5-58 including, but not limited to:
- (a) timely provision of documentation by the public building department to the Board of Aldermen and Design Review Committee;
 - (b) establishment of liaison committees to facilitate communications and input from neighborhoods affected by projects subject to this ordinance;
 - (c) approval of final design plans by the Board of Aldermen of projects subject to this ordinance;
 - (d) oversight during the construction phase of projects subject to this ordinance by appropriate Board committee(s) both in respect to approval of change orders as well as design changes; and
 - (e) generation of a required record detailing the entire construction process by the public building department to guide present and future oversight of projects subject to this ordinance. [08-07-07 @ 3:12 PM]
- #54-07 ALD. SANGIOLO requesting discussion with the School Department and the Public Buildings Department about giving the School Department increased control over maintenance of school building facilities thereby allowing the School Department to have direct authority to deploy/hire staff to make necessary repairs to their school facilities. [2-9-07 @ 1:46 PM]
- #451-06 KEYSPAN ENERGY petitioning for a grant of location to install and maintain 450' ± of 8" gas main in HULL STREET from the existing 8" gas main in Hull street at 90 Hull Street easterly to the existing 6" gas main in Hull Street at 60 Hull Street. All of which is to replace the existing 4" gas main in Hull Street, which is to be abandoned. [11-15-06 @11:19 AM]
- #345-06 ALD. SCHNIPPER requesting that the contingency on smaller Public Buildings projects be increased from 5% to at least 8%.
- #294-06 ALD. SAMUELSON requesting creation of a method for the collection of parking meter receipts to ensure maximum collection.

- #280-06 ALD. SANGIOLO proposing an Ordinance to create a Building Committee made up of Finance, Construction and Building experts in addition to several Aldermen to oversee construction and renovation projects in all municipal buildings.
- #226-06 ALD. LINSKY requesting discussion of initiatives in respect to monitoring of water meter readings to better inform water and sewer users of significant increases in usage.
- #224-06(2) ALD. LINSKY, ALBRIGHT & JOHNSON, BAKER & SCHNIPPER requesting further deliberation on the conditions set forth in the Site Plan Approval Board Order relating to the Newton North High School project, considering possible expansion and modification of the conditions.
- #178-06 ALD. SCHNIPPER, LINSKY AND ALBRIGHT requesting a report on the commissioning of Newton South High School.
- #159-06 PRESIDENT BAKER & ALD. SCHNIPPER presenting the City of Newton Energy Action Plan for review and such action that may be appropriate by the Board of Aldermen.
- #155-06 JAMES A. BLACKBURN, 105 Wood End Road, Newton Highlands petitioning for laying out, grading and acceptance of WOOD END ROAD as a public way from the intersection of Mountfort Road westerly to the intersection of Nantucket Road (a distance of 360'±) to be the width of 45'.
- #152-06 PS&T COMMITTEE requesting discussion re Road Classification Design Types (as outlined by the Planning and Development Department) for future use as an overall management tool for the City.
- #84-06 COMMISSIONER OF PUBLIC WORKS requesting a waiver from the Board of Aldermen of surfacing materials used on the sidewalk of a public way in front of 161 Pond Brook Road, as provided in §26-47 of the City of Newton Ordinances.
- #83-06 ALD. SCHNIPPER & GENTILE requesting discussion with NStar regarding frequent power outages in the Newton Lower Falls area in particular Grayson Lane.
- #424-05 ALD. SANGIOLO & HARNEY requesting an update from the School Department regarding the energy audit that was begun during last year's budget review.
- #467-04 ALD. YATES AND SCHNIPPER requesting a response from the Commissioner of Public Works to the findings of the Environmental Protection Agency that pollution enters the Charles River from Newton.

#386-04 ALD. SANGIOLO, HESS-MAHAN, JOHNSON, AND DANBERG proposing an ordinance to require that designers selected have LEED certification and include high performance/life cycle analysis for all municipal construction projects in the City of Newton.

ITEM REFERRED BY PUBLIC SAFETY & TRANSPORTATION:

#321-04(2) ALD. JOHNSON requesting a RESOLUTION to His Honor the Mayor requesting that he expeditiously as possible find funding to create traffic calming measures on Mill Street as requested by the Traffic Council.

#246-04 COMMISSIONER OF PUBLIC WORKS requesting approval of the 25% design plan submittal for Walnut Street from Homer Street to Centre Street including a small section of Centre Street to Route 9.

#178-04(2) ALD. LAPPIN requesting an update on progress and implementation of the construction information database.

#104-04 ALD. YATES requesting a report from the Chief of Police as to how the ordinance prohibiting the blockage of sidewalks with snow can be more easily enforced.

REFERRED TO PUB FAC. AND PUB SAF & TRANS. COMMITTEES

#35-04 ALD. SAMUELSON AND DANBERG requesting an ordinance amendment to Section 26-8 of the City of Newton Revised Ordinances, 2001 to require all property owners or residents to remove snow from sidewalks abutting their property.

#522-03 ALD. PARKER AND LENNON requesting an ordinance amendment to improve enforcement related to snow removal.

REFERRED TO PROG. & SERV., PUB. FAC. AND FINANCE COMMITTEES

#309-01 ALD. PARKER requesting increase in the income eligibility level of the 30% water/sewer discount for low-income senior citizens.

94-99 RALPH S. ROBART 28 Richardson Road, Petition for Laying Out, Grading, and Acceptance of RICHARDSON ROAD from Route 9 northerly 180'± to be the width of 30 feet.

Respectfully submitted,

Sydra Schnipper, Chairman

#482-08



#482-08

200 Calvary Street
Waltham, Massachusetts 02453

08 DEC 30 AM 11:04
CITY CLERK
NEWTON, MA. 02159

December 23, 2008

Board of Aldermen
City Hall
Newton, MA 02159

RE: Elliot Street ,Needham Street
Newton, MA
W.O. #1518557

Dear Members of the Board:

The enclosed petition and plan is being presented by the NSTAR Electric Company for the purpose of obtaining a Grant of Location to install 15' and 50 feet of conduit in Elliott and Winchester Street, Newton.

This work is necessary to increase station capacity which improve NSTAR's Electric reliability.

If you have any further questions, contact Maureen Carroll @ (617) 369-6421.
Your prompt attention to this matter would be greatly appreciated.

Very truly yours,

A handwritten signature in cursive script that reads "William D. Lemos (W.D.)".

William D Lemos-Supervisor
Rights & Permits Supervisor

WDL/amw
Attachments

#2182-08

PETITION OF NSTAR ELECTRIC COMPANY FOR LOCATION FOR CONDUITS AND MANHOLES

#482-08

To the **Board of Aldermen** of the City of **Newton** Massachusetts

Respectfully represents NSTAR ELECTRIC COMPANY a company incorporated for the transmission of electricity for lighting, heating or power, that it desires to construct a line for such transmission under the public way or ways hereinafter specified.

WHEREFORE, your petitioner prays that, after due notice and hearing as provided by law, the Board may by Order grant to your petitioner permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein, said conduits and manholes to be located substantially as shown on the plan made by **A. DeBenedictis** Dated **Revised 10/30/08** and filed herewith, under the following public way or ways of said City:

- Elliott Street** - Southerly @ Manhole #21032 a distance of about 15'± feet - conduit
- Winchester Street**- At and northerly from Needham Street a distance of about 50'± feet - conduit

WO# 1518557

NSTAR ELECTRIC COMPANY

By: William D. Lemos
William D. Lemos, Supervisor
Rights and Permits

Dated this 23rd of December, 2008

City of Newton, Massachusetts

Received and filed _____, 2008

PETITION FOR GRANT OF LOCATION

#482-08

To the Petitioner:

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Public Works Department for a preliminary review before the applicant files the petition with the Board of Aldermen. The comments of the Public Works Commissioner will be part of the record submitted to the Board of Aldermen. Upon filing with the Board of Aldermen, the petition will be scheduled for a public hearing before the Public Facilities Committee of the Board of Aldermen. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review. Attached please find the City Engineer's Standard Requirements for Plans**

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Clerk of the Board's Office
2. Engineering Division of Public Works conducts preliminary review and provides written comments (estimated timeframe two weeks)
3. If there is no conflict, the Public Works Department files Petition Form with the Clerk of the Board. Petitioner has the right to file contested petition form to the Clerk of the Board.
4. Board of Aldermen schedules petition for a public hearing before the Public Facilities Committee of the Board of Aldermen
5. Public Facilities Committee recommendations are forwarded to the Board of Aldermen for a final decision

Questions may be directed to:

Shawna Sullivan, Committee Clerk, 796-1213
John Daglian, City Engineer, 796-1029

I. IDENTIFICATION (Please Type or Print Clearly)

Company Name NSTAR ELECTRIC

Address 200 Calfvry Street

Waltham, MA 02453

Phone Number 617-369-6421

Fax Number 617-369-6328

Contact Person Maureen Carroll

Title Right of Way Agent

Signature Maureen Carroll
Person filing application

Date 11-7-08

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

CITY CLERK
MA. D. 11
NOV 17 PM 12:18

II. DESCRIPTION OF PROJECT: to be completed by petitioner

A. Write here or attach a description of the project including, location, proposed time frame for **#482-08** completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion. **#482-08**

Elliott Street - Southernly @ manhole #21032 a distance of about 15' ± Feet - Conduit

Needham Street - Northernly from manhole #21661 a distance of about 438' ± feet - conduit

B. Attach a sketch to provide a visual description of the project. If plans are attached, provide Title of Plan ELLiot St @ Needham St. Date of Plan Revised 10-15-08

08 NOV 17 PM 12:18
CITY CLERK
NEEDHAM, MA. 02159

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project

Major Projects

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

DATE AND COMMENTS:

- 11/25/08
- 1. Street opening permit required from Newton DPW
- 2. State Highway Permit required for Needham Street
- 3. Police detail required for both Elliott St and Needham Street
- 4. No roadway excavation between Nov. 15, 08 and April 15, 09.
- 5. Notify Engineering 48 hours prior to work

RECOMMENDATIONS:

- 1. 36" minimum cover on all trenches
- 2. Backfill shall be 95% compacted
- 3. Bituminous concrete roadway shall be replaced in kind to original thickness and grade.
- 4. Concrete sidewalk panels shall be replaced in kind to City of Newton Specifications.
- 5. Bituminous concrete sidewalk shall be replaced in kind to City of Newton Specifications.
- 6. Bituminous curb, granite and concrete curbing shall be replaced if broken and or reinstalled

IV. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE: to original grade, lean and

- 6. Crossing private and railroad properties requires easements.
- 7. Traffic shall be maintained

→ GRANT OF LOCATION FOR ELLIOT ST. AND WINCHESTER ST. ONLY. NEEDHAM ST. IS A STATE ROAD. EAST ST. IS A PRIVATE WAY.

Commissioner, Public Works

Date

L. Terome 12/3/08

12/3/08

Final Label Report

#482-08

#482-08

SBL	Owner	Number	Street	Unit
83010 0017	DERASARI ROHAN J	5	DEDHAM ST	
51029 0039	CITY OF NEWTON		ELLIOT ST	
51023 0022	PROCTOR AGNES P L/E	45	ELLIOT ST	
51023 0021	GEE FAY GOON & SO MAN	49	ELLIOT ST	
51023 0020	ORKIN ROSLYN	1	FRANCES ST HGH	
51023 0031	CORMIER PAUL JOSEPH & RITA	1	JOSSELYN PL	
51023 0030	VOTTO MICHAEL	5	JOSSELYN PL	
51028 0028	KAITZ SAMUEL & LOUIS L &	9	NEEDHAM ST	
83003 0050	BORRELLI PAUL D		WINCHESTER ST	
83003 0051	BORRELLI PAUL D	90	WINCHESTER ST	
83003 0052	ROSS THEODORE & SYLVIA I	98-100	WINCHESTER ST	

#481-08



200 Calvary Street
Waltham, Massachusetts 02453

#481-08

08 DEC 30 AM 11:04
CITY CLERK
NEWTON, MA. 02159

December 17, 2008

Board of Aldermen
City Hall
Newton, MA 02159

RE: Perkins Street
Newton, MA
W.O. #1671620

Dear Members of the Board:

The enclosed petition and plan is being presented by the NSTAR Electric Company for the purpose of obtaining a Grant of Location to install approximately 738'± feet of conduit and Install two (2) New Manholes #29112 and 29113 in Washington & Perkins Street, Newton.

This work is necessary to improve electric service to Perkins Street, Newton.

If you have any further questions, contact Maureen Carroll @ (617) 369-6421. Your prompt attention to this matter would be greatly appreciated.

Very truly yours,

A handwritten signature in cursive script that reads "William D Lemos".

William D Lemos-Supervisor
Rights & Permits Supervisor

WDL/amw
Attachments

481-08

PETITION OF NSTAR ELECTRIC COMPANY FOR LOCATION FOR CONDUITS AND MANHOLES

To the **Board of Aldermen** of the City of **Newton** Massachusetts

Respectfully represents NSTAR ELECTRIC COMPANY a company incorporated for the transmission of electricity for lighting, heating or power, that it desires to construct a line for such transmission under the public way or ways hereinafter specified.

WHEREFORE, your petitioner prays that, after due notice and hearing as provided by law, the Board may by Order grant to your petitioner permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein, said conduits and manholes to be located substantially as shown on the plan made by **A. DeBenedictis** Dated 10/16/08 and filed herewith, under the following public way or ways of said City:

Washington Street - At and northerly from Perkins a distance of about 54'± feet - conduit

Perkins Street - At and southeasterly from Washington Street a distance of about 684'± feet - conduit

Install Two (2) New Manholes #29112 and 29113

WO# 1671620

NSTAR ELECTRIC COMPANY

By: William D. Lemos
William D. Lemos, Supervisor
Rights and Permits

Dated this 17th of December, 2008

City of Newton, Massachusetts

Received and filed _____, 2008

CITY OF NEWTON
MASSACHUSETTS

#481-08

PETITION FOR GRANT OF LOCATION

#481-08

To the Petitioner:

City of Newton Ordinance Section 23-52 requires that each petition for grant of location be submitted to the Public Works Department for a preliminary review before the applicant files the petition with the Board of Aldermen. The comments of the Public Works Commissioner will be part of the record submitted to the Board of Aldermen. Upon filing with the Board of Aldermen, the petition will be scheduled for a public hearing before the Public Facilities Committee of the Board of Aldermen. **The petitioner is responsible for insuring that the petition is complete and all required materials are in order for review.** Attached please find the City Engineer's Standard Requirements for Plans.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Clerk of the Board's Office
2. Engineering Division of Public Works conducts preliminary review and provides written comments (estimated timeframe two weeks)
3. If there is no conflict, the Public Works Department files Petition Form with the Clerk of the Board. Petitioner has the right to file contested petition form to the Clerk of the Board.
4. Board of Aldermen schedules petition for a public hearing before the Public Facilities Committee of the Board of Aldermen
5. Public Facilities Committee recommendations are forwarded to the Board of Aldermen for a final decision

Questions may be directed to:

Shawna Sullivan, Committee Clerk, 796-1213
John Daghlian, City Engineer, 796-1029

I. IDENTIFICATION (Please Type or Print Clearly)

Company Name NSTAR Electric

Address 200 Copley Street

Waltham, MA 02453

Phone Number 617-369-6421

Fax Number 617-369-6328

Contact Person Maureen Carroll

Title Right-of-Way Agent

Signature Maureen Carroll
Person filing application

Date 12-23-08

If a telecommunications company, indicate how certified by the Department of Telecommunications and Energy:

II. DESCRIPTION OF PROJECT: to be completed by petitioner

A. Write here or attach a description of the project including, location, proposed time frame for completion, type of materials to be used, benefit provided to the City, project mitigation plan as applicable, street reconstruction plan including timetable for completion.

#481-08

#481-08

Lincoln Park - At 9nd Northley From Perkins 9
distance of about 54'± Feet - conduit
Perkins Street - At 9nd Southley From Lincoln Park
9 distance of about 684'± Feet - conduit
Install Two (2) New manholes #29112 and 29113

B. Attach a sketch to provide a visual description of the project. If plans are attached, provide:

Title of Plan Perkins Street

Date of Plan 10-16-08 - (Revised 11-5-08)

08 NOV 25 PM 3:53
CITY CLERK
NEWTON, MA 02459

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project

Major Projects

Lateral

(Refer to City Engineer Standard Requirements for Plans for definition of minor and major project)

Plans Submitted:

Certified Plot Plan

Stamped Plans

DATE AND COMMENTS:

- 12/2/08
- 1. Street opening permit required from Newton DPW
- 2. No roadway excavation between Nov. 15, 08 to April 15, 09.
- 3. Police detail required
- 4. Notify Engineering 48 hours prior to work.

G.J. P. Sheen

RECOMMENDATIONS:

- 1. 36" minimum cover on all trenches
- 2. Backfill shall be 95% compaction except Washington St R.O.W. which shall be excavatable flowable fill.
- 3. Bituminous concrete roadway shall be replaced in kind to City of Newton Specifications.
- 4. Concrete sidewalk panels shall be replaced in kind to City of Newton Specifications.
- 5. Bituminous concrete sidewalk shall be replaced in kind to City of Newton Specifications.
- 6. Bituminous berm, granite and concrete curbs shall be replaced if broken and or reinstalled to original grade. Loam and seed grassed areas.
- 7. Traffic shall be maintained.

IV. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE

~~_____~~ L. Toranzo 12/4/08

[Signature]

Commissioner, Public Works

12/4/08
Date

⇒ * 8. All work on Washington St. must be 100% complete by 5/15/09.

Final Label Report

#481-08

#481-08

SBL	Owner	Number	Street	Unit
33004 0002	ROMAN CATHOLIC ARCHBISHOP	12	ALLEN PL	
32012 0029A	GODDARD PHILIP J	7	PERKINS ST	2
32012 0030	LURIE HOWARD A	15	PERKINS ST	
32012 0031	FIFIS DEMETRIOS	17	PERKINS ST	1
32012 0031A	PAYNE JOSHUA L & MARNI F	17	PERKINS ST	2
32014 0012	QUIGLEY MARK	22	PERKINS ST	
32012 0032	QUIGLEY MARK W & HELEN H	23	PERKINS ST	
32014 0011	PARMENTER WILLIAM T	30	PERKINS ST	
32012 0033	SCHMIDT MILTON J & HOMAI	31	PERKINS ST	
32014 0010	WALLACE BARBARA L TR	34	PERKINS ST	
32012 0034	BRIGHAM AMY B & F GORHAM III	37	PERKINS ST	
32014 0009	GUNDERSEN KARL T & RAGNHILD T TRS	38	PERKINS ST	
32012 0035	TORMEY RICHARD W & JANET W	45	PERKINS ST	
32012 0036	BERKOWITZ RONALD	51	PERKINS ST	
33005 0005	GATELY WILLIAM J	15	SIMMS CT	
32014 0014	LINCOLN PARK BAPTIST CHURCH	1440	WASHINGTON ST	
32014 0013	LINCOLN PARK BAPTIST CHURCH	1450	WASHINGTON ST	
32014 0013Z	WEST NEWTON CHILDRENS CENTER	1450	WASHINGTON ST	
33005 0004	BLACKINGTON CHARLES F	1479	WASHINGTON ST	
32012 0029	ABER LIVIA QUAN & ALEXANDER J	1482	WASHINGTON ST	1
33004 0001	ROMAN CATH ARCHDSE OF BOSTON CORP	1487	WASHINGTON ST	
32012 0028A	KELLY NANCY	1488-1492	WASHINGTON ST	1492
32012 0028	ALIOTTA JOSEPH	1488-1492	WASHINGTON ST	1488
32012 0027	NEAVYN LORNA E	1496	WASHINGTON ST	
32014 0008	ROME DAN H	61	WINTHROP ST	

BOARD OF ALDERMEN

#7-09

CITY OF NEWTON

DOCKET REQUEST FORM

DEADLINE NOTICE: Aldermanic Rules require items to be docketed with the Clerk of the Board NO LATER THAN 7:45 P.M. TUESDAY, PRIOR TO THE MONDAY FULL BOARD MEETING in order to be assigned to Committee(s) and voted for inclusion that evening.

To: Clerk of the Board of Aldermen

Date: December 30, 2008

From (Docketer): ALD. HESS-MAHAN

Address: _____

Phone: 617-795-7220

E-mail: thessmahan@newtonma.gov

08 DEC 30 AM 9:55
CITY CLERK
NEWTON, MA. 02159

Additional sponsors:

ALD. LINKSY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY, VANCE

1. Please docket the following item (it will be edited for length if necessary):

requesting that the Mayor ensure that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible.

2. The purpose and intended outcome of this item is:

- Fact-finding & discussion
- Appropriation, transfer,
- Expenditure, or bond authorization
- Special permit, site plan approval,
- Zone change (public hearing required)
- Ordinance change
- Resolution
- License or renewal
- Appointment confirmation
- Other: _____

3. I recommend that this item be assigned to the following committees:

- Programs & Services
- Zoning & Planning
- Public Facilities
- Post Audit & Oversight
- Finance
- Public Safety
- Land Use
- Committee on Community Preservation
- Real Property
- Special Committee
- No Opinion

4. This item should be taken up in committee:

Immediately (Emergency only, please). Please state nature of emergency:

- As soon as possible, preferably within a month
- In due course, at discretion of Committee Chair
- When certain materials are made available, as noted in 7 & 8 below
- Following public hearing

PLEASE FILL OUT BOTH SIDES

5. I estimate that consideration of this item will require approximately:

#7-09

- One half hour or less
- More than one hour
- More than one meeting
- Up to one hour
- An entire meeting
- Extended deliberation by subcommittee

6. The following people should be notified and asked to attend deliberations on this item. (Please check those with whom you have already discussed the issue, especially relevant Department Heads):

City personnel

Citizens (include telephone numbers/email please)

- | | |
|--|--------------------------------|
| <input checked="" type="checkbox"/> Nick Parnell, Pub. Bldgs. Cmr. | <input type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> Mayor David B. Cohen | <input type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> Fran Towle, Parks & Rec. Cmr. | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

7. The following background materials and/or drafts should be obtained or prepared by the Clerk's office prior to scheduling this item for discussion*:

8. I have or intend to provide additional materials and/or undertake the following research independently prior to scheduling the item for discussion. *

Technical information, memoranda, and other documents relating to installation of sustainable, recyclable, lead-free, non-toxic synthetic in-filled turf athletic fields

(*Note to docketer: Please provide all additional materials to the Clerk's office by Noon on Friday before the Committee meeting where it will be discussed. The materials must be provided in both electronic form and hard copy. This will give Aldermen a chance to review all relevant materials before discussion. Materials not submitted 48 hours in advance of a meeting will require a vote to suspend the rules the night of the Committee's discussion in order to allow the material to be presented.)

Please check the following:

- 9. I would like to discuss this item with the Chairman before any decision is made on how and when to proceed.
- 10. I would like the Clerk's office to contact me to confirm that this item has been docketed. My daytime phone number is: _____
- 11. I would like the Clerk's office to notify me when the Chairman has scheduled the item for discussion.

Thank you.

/s/Ald. Ted Hess-Mahan
Signature of person docketing the item

[Please retain a copy for your records]

Welcome to Field Shield AMI



Play it safe!

"Come forth into the light of things, Let Nature be your teacher."

William Wordsworth

[Click Here to Enter](#)

A 'Green Book' of environmentally-friendly, ecologically-safe artificial turf products, designs and professional services. FieldShield's mission is to address the safety of artificial turf and artificial turf fields; artificial turf hazards; the health-hazards of artificial turf and the health-hazards of synthetic turf, artificial grass, field turf and synthetic grass. We provide professional services, professional design services and athletic field design services and artificial turf consulting with expertise in the hazards of artificial turf and the hazards of synthetic turf. We are familiar with all major turf products, including: FieldTurf®; Sportexe®; SprinTurf®; AstroTurf®; ProGrass®; General Sports Turf®; Tiger Turf; and A-Turf®;

Some of these concerns involve lead in artificial turf; risks of artificial turf, bacteria in artificial turf as well as fungi and mold in artificial turf. Services and products also address synthetic running tracks, including urethane running tracks and other running track surfaces including latex running track surfaces. Other products and professional consulting services concern playground safety surfaces.

We boast significant knowledge concerning the dangers of artificial turf and the hazards of artificial turf. This knowledge allows us to provide artificial turf professional design services for athletic field construction, including; soccer fields; soccer pitches; football fields; lacrosse fields; multipurpose athletic fields; baseball fields; field hockey fields; rugby fields or pitches and running track surfaces using safe artificial turf. We concentrate on providing stable turf infill with no fly-out and also providing, Organite, an anti-microbial infill alternative to recycled-tire rubber and silica sand, used in sand/rubber infilled artificial turf and synthetic grass. The end-result is products and designs, which are compliant with California Prop 65, because we have virtually eliminated all environmental and ecological risks associated with artificial turf and synthetic grass.

FieldShield was founded with the goal of developing environmentally-friendly, ecologically-safe artificial turf products and systems and to promote the proper application of material science and civil engineering to turf design and construction.

The principals at FieldShield are uniquely suited to achieve this goal, in that our number includes the inventors of “sandless” all-rubber infilled turf (Patent #5,976,645) and the vertical-to-horizontal-drainage base construction methodology (Patent #7,128,497). Furthermore, they introduced the concept of infill stability (No Fly-Out) through minimization of infill and maximizing of grass weight and blade density.

We believe that a proper evaluation, or any viable comparison, of artificial turf products or concepts must be rooted in recognized material science and commonly accepted engineering principles – not in unsupported marketing claims, fantasy physics, layman endorsements or pretty pictures. Unfortunately, a studied scientific approach is usually overwhelmed by marketing, when it comes to the emotion-fueled decisions affecting an athletic venue.

Our, CEO, Philip Christiansen, is a professional engineer, with 40 years of professional engineering experience and holds an MS in Environmental Engineering. His approach - our approach – has been to identify deficiencies or problems and then develop solutions, by the application of the Scientific Method: Observation >> Hypothesis >> Prediction >> Testing >> Conclusion.

In addition to giving birth to a slew of innovative, eco-safe products embodied in our EcoSistem™ concept, this considered scientific approach has resulted in a timely, cost-effective, solution to current environmental, health and safety concerns surrounding artificial turf “infill” – that is: a safe, environmentally-friendly, heat-reducing, anti-microbial infill alternative we call, Organite™.

Phil was also first to recognize the failure of the industry to set proper drainage criteria in design specifications or to deal in a cost-efficient manner with water management issues. FieldShield can offer professional engineering consulting directly to the purchaser or to the purchaser’s professional design team, in order to facilitate the incorporation of appropriate products or eco-friendly construction concepts in the most economical manner. We call this service ECONomic DeZine. However, our primary goal remains the promulgation of environmentally-friendly and eco-safe replicated grass products and construction design that protect both the users and their environment. In the past few years there has been a veritable avalanche of articles and studies extolling the dangers inherent in artificial turf. These reports have focused on five areas of concern:

- (1) carcinogenic and toxic exposure to humans from components of the rubber and/or sand of the infill material,
- (2) carcinogenic or toxic exposure from heavy metals and other chemicals in the synthetic turf yarn polymer and/or pigment systems,
- (3) Exposure to bacteria, fungi or mold, which has propagated in the infill matrix,
- (4) environmental contamination, especially of the aquifer, from run-off through the infill and turf backing, and
- (5) excessive synthetic surface temperatures during high ambient temperature and severe solar energy exposure.

Each of these areas of risk is coming under greater study but no definitive conclusions can presently be drawn. Yet, many public officials and self-described “experts” are calling for moratoriums on the installation of synthetic turf. Unless, these officials and experts have unstated agendas, such an approach indicates acute unfamiliarity with advanced replicated grass technology, which can virtually eliminate the enumerated risks and concerns. No need to throwaway the artificial turf baby -- just keep it out of the eco-toxic bathwater! Let’s examine how FieldShield™ technology cleans-up that dirty bathwater and virtually eliminates all risks –

Problem#1: Recycled-tire rubber contains carcinogenic and toxic chemicals and “documented chemical exposures to a variety of volatile organic compounds, semi-volatile hydrocarbons, and other contaminants exist”— Another study by Dr. William Crane of CCNY and Dr. Junfeng Zhang of Rutgers Univ. raised serious questions and highlighted the risks – On May 20th, Attorney General Richard Blumenthal urged that the Connecticut Agricultural Experiment Station be assigned to conduct a new study to determine the potential hazards posed by crumb rubber used in artificial turf and gardening mulch. Blumenthal sent a letter to Gina McCarthy, commissioner of the state Department of Environmental Protection. It is clear from these and many other studies that rubber and sand (silica) contain hazardous chemicals; that humans are exposed to these chemicals through contact; through out-gassing above a threshold temperature; through run-off into the aquifer; and through ingestion. What remains to be determined is: do these exposures have the potential to exceed safe levels. Such determination will take some time.

Solution#1: Eliminate the recycled-tire rubber and silica sand hazards as a risk factor. Organite is an eco-safe alternative infill, which does not contain any of the potentially harmful chemicals of rubber or the respiratory irritants of silica sand- No harmful chemicals to be inhaled, ingested, outgassed or leached into run-off.

Problem#2: Most synthetic grass filaments or their pigment recipes contain trace amounts of heavy metals. The source of these chemicals is more the pigments used rather than the filament polymer, especially if the base polymer is a polyethylene. As with toys, the country of origin can affect the heavy metal content. Also, some colors, e.g., canary yellow, tend to contain more heavy metals than other colors. The question is: does the synthetic turf expose users to harmful levels of such chemicals through contact, inhalation or run-off.

Solution#2: Eliminate the possibility of any type of harmful exposure, by choosing a filament yarn and color with extremely low trace amounts of heavy metals. They are available. This requires a certification or “heavy metal statement” from the yarn manufacturer (not the turf purveyor) pertaining to the specific lots of yarn used on a site. A certification or statement is necessary for each color and lot of the filament polymer delivered to the job site and must be provided by the original manufacturer. FieldShield can provide such a certification, as can any bone fide turf company supplied by yarn manufacturers with eco-safe yarns.

Problem#3: The infill matrix (1/2” depth in EcoGreen66™ – 1.75” for most standard turf designs) can be a Petri dish for the propagation of bacteria, fungi and mold. This growth is more likely to occur in the lower depth of the infill where temperatures are moderated by the insulative effect of the upper level rubber and where moisture collects on the backing and in lower level infill. In sand/rubber filled systems, where the higher specific gravity of the sand causes it to stratify at the bottom, the moisture and nutrients held by the sand tend to promote mold growth at the backing. See typical bacteria report.

Solution#3: Organite is an anti-microbial infill (AMI), which virtually eliminates the growth of bacteria, fungi and mold in the infill depth. Every granule of Organite is factory-coated with Aegis Microbe Shield to provide full, durable, anti-microbial protection throughout the full depth of the infill matrix.

Problem #4: Infill rubber contains lead, arsenic, benzene, toluene, cadmium, copper, oil and carbon, as well as zinc and aromatic hydrocarbons. The extent to which water can leach these chemicals from the infill and contaminate soils and the aquifer is unknown, but anecdotal tests (Alison Draper, Bucknell U.) suggest harmful effects on aquatic communities from rubber infill. Significant controlled study, under actual use conditions, is needed to establish a valid level of risk. In addition, most artificial turf is coated with polyurethane, which can leave significant quantities of free un-polymerized urethane in the coating depending on the mixing, application and cure process. Urethane is known to cause reproductive toxicity and is listed on the State of CA Prop 65 list of harmful chemicals. Study is also necessary to determine if urethane leaches from these coatings and polyurethane backings need to be tested for free urethane, after each production run. This will take time.

Solution#4: Organite™ AMI (Anti-Microbial Infill) does not contain any harmful chemicals which can contaminate aquifers or soils, so no harmful run-off is possible. EcoGreen66™ replicated grass incorporates an eco-friendly polyolefin coating (GreenBack™), containing no urethane or other harmful chemicals, to eliminate concerns of urethane leaching.

Problem #5: Artificial turf produces a higher ambient temperature above the playing surface due to absorption of solar energy (electromagnetic radiation). The reflectivity or albedo of an artificial turf system, including the infill, is generally lower than natural grass (darker colors absorb more electromagnetic radiation) due to the exposure of dark infill. Also, artificial turf and rubber infill do not naturally contain and hold moisture, to provide evaporative cooling, as natural grass and soils do. Given a specific material (in this case, PE fiber or recycled tire rubber), the darker the color of the material, the more electromagnetic radiation will be absorbed and subsequently re-radiated to the ambient above the playing surface. Obviously, the darker the area of the playing surface; the more elevated are the temperatures to which the athletes are exposed during play. Also, because artificial turfs tend to ‘lay-over’ and expose more surface area directly to the sun’s radiation, insolation (solar radiation energy received) can increase, dramatically. In hot, dry (less clouds/low humidity) climates, and especially in southern latitudes, the preponderance of exposed black (rubber) material

is likely to create an unhealthy, excessively hot, playing condition (the 2002 “synthetic surface heat study” of C. Frank Williams and Gilbert Pulley, at Brigham Young University, recorded surface temperatures of 200 F, on a 98 degree day, on a leading competitor’s surface, with ambient temps recorded above 150 F). Not only is the air temperature above the surface excessive, but the surface temperature of the black rubber is actually dangerous to touch. In addition, as has been previously noted, surface temperatures exceeding 140F facilitate the outgassing of toxic chemicals in recycled-tire rubber.

Solution#5: Organite™ is an eco-safe infill alternative, which reduces artificial turf heat because it has a low albedo due to its very light brown color, and because it naturally contains and retains moisture. In fact, its natural inorganic component (which can be increase in high-heat climates) is capable of holding more than double its weight in moisture. This renders the infill unusually effective in providing and extending evaporative cooling, when water is introduced for the purpose of cooling the surface. Additional heat reduction can be realized by the use of replicated grass surfaces like EcoGreen66™, which boasts a high micron monofilament grass blade that resists “lay-over”. This keeps the angle of the filaments with the sun much more acute, which greatly reduces insolation. So there it is. Baby saved! Simply by taking advantage of currently available, advanced synthetic turf technology, all of the potential risks can be addressed and eliminated. No need to delay your artificial turf installation waiting for the results of studies, which ignore current technology. No need to wait for studies which only address obsolescence. The publication of numerous scientific studies over the past few years, has raised concerns regarding environmental, health and safety liabilities associated with recycled tire rubber and/or sand, when used as an “infill” in today’s artificial turfs. In response to these concerns, FieldShield, Inc has developed the first Anti-Microbial Infill (AMI™) alternative. The AMI product, we call Organite™, is a polyorganic all-natural, environmentally friendly, compound which contains no synthetics and, therefore, contains no polycyclic aromatic hydrocarbons (PAHs); butylated hydroxyanisole or any other known carcinogens. Neither does it contain any of the chemicals of recycled tire rubber which are suspected to cause reproductive or developmental toxicity. Also, since Organite contains none of the carcinogens or chemicals which cause reproductive harm, annually listed by the State of California, it is compliant with that State’s Prop 65 and, therefore, does not require warning signage, in CA. Obviously, concerns about respiratory exposure to particulate from rubber dust or silica sand; ingestion by children of known carcinogens; as well as run-off contamination of the aquifer by the infill, are eliminated with Organite.

AMI

This is where the story usually ends for the products currently marketed as ‘safe’ alternatives to recycled tire rubber in artificial turf. But this ignores the significant problem - often exacerbated by inclusion of sand in the infill - of bacteria, fungi and mold growth within the infill depth. FieldShield™ addresses this problem of microbial contaminant growth, not just on the surface but rather through the full depth of the infill matrix. This is accomplished by integrating a unique antimicrobial product, SportAide 1000® , through factory-coating of every Organite infill particle.

This highly effective anti-microbial is both extremely durable and environmentally-friendly and will continuously inhibit growth of bacteria, mold and fungi, year after year. Powered by ÆGIS Microbe Shield® this antimicrobial technology has been used safely in medical and consumer goods for more than 30 years. It is non-toxic, hypoallergenic, non-sensitizing and nonirritating to human skin; it will not wash-off nor is it consumed or dissipated in executing its anti-microbial protection. This is because the microbe killing mechanism is not chemical. The water-based antimicrobial technology of SportAide 1000 will not leach heavy chemicals into the environment or facilitate the growth of adaptive organisms. The brilliance of this approach; is that FieldShield does not reintroduce chemicals into the infill - after we have anaged to make it so safe and environmentally-friendly - in order to provide anti-microbial protection... and SportAide 1000® is EPA registered. The innovative FieldShield AMI™ process results is full-depth, near-permanent protection, of the coated infill materials, against all common bacteria, including staff; as well as protection against fungi and mold, which tends to be prevalent in the lower depths of the infill or on the backing of the turf, where sand is used in the infill mix. Until Organite, the only way to reduce elevated temperatures of artificial turf surfaces was to lighten the color of the exposed infill material (Organite is a very light brown) to reduce electromagnetic absorption and to elevate the moisture content of the infill matrix to provide evaporative cooling, for a short period of time. Because Organite is an AMI, retention of moisture is not a microbial problem as it is with sand, and because it naturally retains more moisture than synthetic rubber, evaporative cooling is generated to a much greater degree than with rubber. It is also important to note that retained moisture can also be used to extend evaporative cooling over a much longer period of time. FieldShield didn’t stop there, however. Organite also contains a naturally occurring inorganic constituent, which can absorb and retain up to 240% of its weight in moisture. Where elevated surface temperatures of the artificial turf are a concern, FieldShield can increase the content of this water-retaining inorganic component (Organite HR) to provide even more effective evaporative cooling over a longer duration. Any meaningful test of surface performance, with Organite as the infill, must be performed in the exact turf design and structure you are intending to use it in. Most performance results (wear; shoe traction; rotational resistance; abrasion; ball-roll) are much more a function of the yarn properties and the turf design particulars, such as: face weight, pile height, tuft density, infill depth, yarn relief, tuft gauge, etc.

In general, we can tell you that G-max results with a given depth of Organite will be slightly higher than rubber (10 to 15 points on typical ASTM F-355 test) and much lower than sand; understanding that the G-max results with sand are highly variable depending on moisture content and/or compaction. For projects where extremely low G-max results are required, FieldShield offers Organite G-Min, incorporating 20% EPDM (ethylene propylene diene monomer), which is an environmentally safe rubber that does not contain any chemicals known to be hazardous or a health risk in normal use. Now, that’s the whole story. Not just a safer alternative to rubber or sand, but an infill alternative with comprehensive anti-microbial protection over the life of your artificial turf, with the maximum available heat reduction capability!

The EcoSistemsm is an integrated group of environmentally-friendly and biologicallysafe products, for use in the construction and installation of artificial turf athletic fields, running tracks and playground areas. The key components of the system are: Organite: is an all-natural proprietary composite of organic and inorganic materials, which provides an environmentally-friendly, biologically-safe alternative to recycled-tire rubber and/or sand, as an infill in artificial turf. This infill alternative eliminates possible exposure to carcinogens; respiratory exposure to toxic or irritant particulate from rubber dust or silica-sand; ingestion of toxic chemicals by children; as well as run-off contamination of the aquifer by the infill materials. In addition, every granule of Organite is encapsulated with an effective, durable, non-chemical, EPA registered anti-microbial agent*, which protects against and prevents the growth of; bacteria, fungi and mold.

EcoGreen66: is a dimensionally stable Replicated Grass consisting of a multilayer, woven primary backing, with a unitary polyolefin hot-melt secondary backing, laminating a stabilizing tertiary backing, which is heat-activated to permanently lock fiber tufts in place. This results in a coated backing that is permeable, without perforations, allowing the tertiary backing to act as a particulate filtering membrane. Also, the backing contains NO urethane, rendering it CA Prop 65 compliant, and, therefore, does not require mandated warning signage. EcoGreen66 is tufted with a 100% polyethylene, monofilament yarn, containing virtually no heavy metals (see heavy metal statement) or ecologically harmful chemicals. EcoGreen66 is in-filled with Organite™

EcoTrax™: is an environmentally-friendly and ecologically-safe running track surface which contains no urethane and virtually no heavy metals (see heavy metal statement). It also provides effective run-off particulate filtration, when installed in accordance with the FieldShield design specifications. In addition, the EcoTrax™ filament running track surface is engineered to allow “tuning” of the surface response-time in order to customize surface performance to its primary intended use.

EcoFlo™: is a high compressive-strength, moisture conducting, nonabsorbent geo-composite drainage and shock attenuation blanket, made from recycled materials, for use with vertically-draining artificial turf systems. The use of EcoFlo greatly reduces risk factors associated with poor subsurface soils. Installation provides an uninterrupted vertical-tohorizontal flow path for superior rainfall evacuation and enhanced G-max and P-max performance without changing the ball-action or feel under-foot. LiquidLiner™: is an environmentally-friendly and safe polymer emulsion soilbonding agent which, when properly applied to the aggregate base of an artificial turf, creates a virtually impermeable moisture-barrier and an extremely stable working platform. The LiquidLiner soil treatment replaces synthetic geomembrane liners, thus eliminating concerns of punctures, wrinkling, and slip associated with geomembrane use under artificial turf.

EcoSeam™: Is an environmentally-friendly and ecologically-safe seaming system which utilizes ultrasonic technology to activate factory-applied thermoplastic adhesives, which are free of urethanes and any other toxic or harmful chemicals. As such, the system is compliant with CA Prop 65 and, therefore, does not require warning signage.

EcoPlay™: is a technologically advanced safety-surface system intended for use in playground and pool areas where head- impact and environmental-safety are of paramount concern. The system is designed to provide mandated HIC (Head Injury Criterion) characteristics, as required for up to an 8 ft. fall height. A unique layered design also provides for calculable drainage over any properly prepared existing substrate, with minimal excavation or

material import/export. The system surface features a non-abrasive, ADA compliant replicated grass, which encapsulates and separates users from infill materials; contains no urethanes or heavy metals; making it environmentally safe and recyclable. The system is in-filled with Organite™.

ECONomicDeZine™: Professional Engineering consulting and design, which provides knowledgeable guidance to affect integration of eco-friendly, safe artificial turf products and construction methodologies, with local storm-water management requirements at an economical, value-engineered cost. Artificial turf produces a higher temperature ambient above the playing surface due to absorption of solar energy (electromagnetic radiation). The reflectivity or albedo of an artificial turf system, including the infill, is generally lower than natural grass (darker colors absorb more electromagnetic radiation) due to the exposure of dark infill. Also, artificial turf and rubber infill do not naturally contain and hold moisture, to provide evaporative cooling, as natural grass and soils do. Given a specific material (in this case, PE fiber or recycled tire rubber), the darker the color of the material, the more electromagnetic radiation will be absorbed and subsequently reradiated to the ambient above the playing surface. Obviously, the darker the area of the playing surface; the more elevated are the temperatures to which the athletes are exposed during play. Also, because artificial turfs tend to 'lay-over' and expose more surface area directly to the sun's radiation, insolation (solar radiation energy received) can increase, dramatically. In hot, dry (less clouds/low humidity) climates, and especially in southern latitudes, the preponderance of exposed black (rubber) material is likely to create an unhealthy, excessively hot, playing condition (the 2002 "synthetic surface heat study" of C. Frank Williams and Gilbert Pulley, at Brigham Young University, recorded surface temperatures of 200 F, on a 98 degree day, on the previous iteration of this leading competitor's surface, with ambient temperatures above 150 degrees F). Not only is the air temperature above the surface excessive, but the surface temperature of the black rubber is actually dangerous to touch. This manufacturer's new monofilament surface exposes considerably more black rubber to the sun than their fibrillated surface studied in 2002, which would seem to render the new monofilament surface a considerable health and safety risk in the noted climates. Of course, since EcoGreen66™ boasts minimal exposed infill, it is the coolest in-filled artificial turf possible (for any chosen color of grass fiber) and the albedo of Organite is much higher because of its light tan color. Plus, Organite™ can contain and hold water to extend evaporative cooling. In addition, the superior memory of the 240 micron monofilament decreases insolation, by significantly reducing "lay-over".

Every artificial turf field will eventually require replacement in 10 to 20 years. Each one of these full-sized fields contains approximately 225,000 lbs of recycled-tire rubber; 25,000 lbs of synthetic grass filament fibers, which contain undetermined levels of heavy metals; and 15,000 lbs of urethane coating. In addition, a majority of the fields contain more than 500,000 lbs of sand containing silica, which may also contain fungi and mold and, unfortunately, cannot be separated from the rubber.

Many states define these products (or are likely to in the near future) as 'special waste' or as hazardous waste, which requires special handling. For example, Connecticut no longer permits the landfilling of waste tire rubber. Brad Park, of the Rutgers University School of Environmental and Biological Sciences, warns that "towns need to be aware that the fields are not permanent and disposing of them could potentially be a financial and environmental headache in the future".

However, the potential size of the financial part of this headache has not been emphasized. When a removed turf requires special handling and disposal sites, as almost all turf of conventional design will require, the cost, including OSHA and EPA compliant removal, transportation and special hazards disposal fees, will likely exceed six figures, in today's dollars. In many cases the disposal costs and fees, alone, will exceed that amount, by a significant margin.

This makes a consideration of the ecological effects, which affect the eventual disposal costs of all the components of a proposed artificial turf installation, an important determination of the financial viability of a project. Obviously, the recyclability and environmentally-friendly nature of the turf components must be factored into the total project cost, in order to avoid burdening the next generation of users with the failure to consider the cost or of ignoring the problem. Ignorance results when learning is ignored.

Environmentally-friendly, ecologically-safe, recyclable infill, filament yarn and coating materials are available now. These FieldShield products perform, in all respects, as well or better than the ecologically-challenged products traditionally considered -- and, if designed properly, their inclusion can be accomplished with no additional present cost. More importantly, their inclusion assures significant reduction in future cost, while eliminating environmental, ecological and health risks, entirely.

Proposition 65 (the CA Safe Drinking Water and Toxic Enforcement Act of 1986) is a "notice" law, which mandates warning signs or labels on any products sold in CA that contain chemicals annually listed by the State of California as causing cancer or reproductive harm.

This is a concern for purveyors and purchasers of artificial turf because neither can tolerate signs, prominently displayed on their new turf, which announce: "WARNING: This Area Contains Chemicals Known To The State of California To Cause Cancer And Birth Defects or Other Reproductive Harm". Unfortunately, most turf products contain chemicals on the List, such as silica (sand), urethane (coating), aromatic hydrocarbons (recycled-tire rubber) and toxic metals (grass filaments and infill). Compounding the problem, no "safe harbor levels" have been established for most of these chemicals, so proving that levels of exposure are safe may be difficult and costly in the extreme.

This places the turf purveyor and/or purchaser at great risk for significant fines and legal costs, since the enforcement mechanism is by litigation, which the law allows to be brought by "citizen enforcers", often referred to as "bounty hunters".

This chapter provides more information concerning Prop 65 - but keep in mind that FieldShield products and designs effectively circumvent the problem, by eliminating any of the listed chemicals.

FieldShield offers professional consulting and engineering services, which uniquely blend a significant knowledge of ecologically-safe products and procedures with an unparalleled familiarity of artificial turf and running track designs and construction. We then apply this knowledge and experience to help develop the most cost-efficient construction specifications.

It is our ability to minimize short and long-term project costs, while still meeting extremely high standards of environmental, safety and athletic performance requirements that is unusual. When it comes to marketing claims made by purveyors of artificial turf or track surfacing products, we can cut through the fog and definitively separate the wheat from the synthetic chaff. More importantly, we provide clear, science-based reasoning for our recommendations.

Our CEO, Philip Christiansen is a, registered professional engineer with 40 years of engineering experience and holds an MS in Environmental Engineering. He integrates unusual understanding of storm-water management and soil-mechanics with synthetic surface considerations; and was also first to recognize the failure of the synthetic turf industry to set proper drainage criteria in artificial turf design specifications or to deal in a cost-efficient manner with water management issues. He is complimented by staff with unequalled experience in the design, manufacture and marketing of artificial turf and running track surfaces. Some of his FieldShield colleagues founded a number of currently viable turf companies and are responsible for significant developments in artificial turf design, including "sandless" infilled turf and "vertical-to-horizontal" drainage.

The extraordinary breadth and depth of our combined experience and knowledge allows FieldShield to offer valuable enlightenment to a prospective purchaser of a synthetic grass or running track, in whatever degree they wish - from limited consultancy support of the purchaser (or their professional representative) - to comprehensive, licensed construction specifications and project management.

Any synthetic turf project begins with proper evaluation - and any viable comparison, of artificial turf products or concepts must be rooted in recognized material science and commonly accepted engineering principles - not in unsupported marketing claims, fantasy physics, layman endorsements or pretty pictures. Unfortunately, if not filtered by the kind of inside knowledge FieldShield offers, a studied scientific approach is usually overwhelmed by marketing and sales, when it comes to the emotion-fueled decisions affecting the typical athletic venue.

FieldShield can offer professional engineering consulting directly to the purchaser or to the purchaser's professional design team, in order to facilitate the incorporation of appropriate products or eco-friendly construction concepts in the most economical manner. We call this service ECONomicDeZine.

If you are too early in the process or simply have a fear of commitment - FieldShield offers Conference Call Consultancy (CCC) to help get you started and pointed in the right direction, within your budget limits.



*Synthetic Turf Systems
Proven 100% Safe for Children and the Environment.*

Welcome To GeoSafePlay...It's Organic!



International School of Boston
At Cambridge



FIFA 2 STAR AWARD
Teramo, Italy



Featured in:

SportsTurf Insider

LandscapeOnline.com

Premier Portal to Landscape Development Industry



Max S



Diamond



American Football-Vienna, Austria





Let's give our children a level playing field...

- WHY GEO?
- TURF
- INFILL PRO
- INSTALLATIONS
- TECHNICAL DATA
- GALLERY

Proven 100% Safe for Children and the Environment.



Introducing Geo Safe Play

Geo Safe Play is the "natural" solution for synthetic turf infill. The combination of natural plant fibers and cork assures the highest level of sports performance.

A soccer field, infilled with Geo Safe Play is similar to the highest quality natural grass fields, and it guarantees the possibility to use the field intensively, even under bad weather conditions.

Geo Safe Play by Limonta Sport in Italy is the proven and patented solution for infilling synthetic turf with materials that are 100% environmentally safe.

The Product is produced with carefully selected, specially-treated organic and blended fibers, and retains moisture for perfect drainage and low temperatures compatible with natural soil.



100% Environmentally Friendly & Non-Toxic



Does Not Release Unpleasant Odors



Drains Perfectly



Eliminates the Risk of Abrasion for Players



Resistant to Wear, Aging, and UV Radiation



Homologated by LND



Maintains a Constant Degree All Year Long



Does Not Rot and Does Not Allow Mold Growth



Assures a Perfect Foot Stability Under All Playing Actions



Proven 100% Safe
for Children and
the Environment.



Why Geo Safe Play?

Organic and Non-Toxic

Geo Safe Play is now the only solution for infilling synthetic turf with materials that are 100% environmentally friendly.

*"In comparison with the crumb rubber infill samples we have tested The Eco Safe Play product was primarily different in that it contained **no detectable levels of PAHs** (polycyclic aromatic hydrocarbons). The crumb rubber samples we have tested typically contain multiple PAHs, with Pyrene being the highest concentration, at 15,000-20,000 ug/kg (ppb). **The only organic compounds we observed in the Geo Safe Play sample were several natural plant extracts.**"*

- Bruce Hoogesteger, Technical Director, Paradigm Environmental Services, Inc.

Less Abrasive

"50%...

reduction in the number of students that now visit the nurse's office on a daily basis due to abrasion and cuts on the **new playground. That's a lot less bumps and bruises!"**

John F. Larner, D.A., Head of School/Chef d'établissement, Ecole Internationale de Boston/ International School of Boston

Lead Free

refer to our "[Technical Data Page](#)" for details

Cooler

designed to retain moisture not "**Heat**", similar to soil

Proven

developed and patented by [Limonta Sport](#) in Italy and tested for almost a decade.

ALL OF OUR INFILL AND TURF PRODUCTS ARE GUARANTEED FOR 8 YEARS

Used by many professional soccer clubs and schools around the world.

[View Installations](#)

We have also qualified for [FIFA 2 STAR](#) rating on multiple installations.

Inquire about our independent **Biomechanical** testing.



FIFA 2 STAR AWARD- BORAS ARENA, SWEDEN

SAFE *Geo* PLAY



Let's give our children a level playing field...

WHY GEO?

TURF

INFILL PRO

INSTALLATIONS

TECHNICAL DATA

GALLERY



SOCCERPRO MF DIAMOND

NEW GENERATION OF 100% POLYETHYLENE EXTRUDED MONOFILAMENT YARN

SoccerPro Diamond is the third generation synthetic turf for soccer, football, lacrosse, and baseball fields which guarantees a playing performance comparable with that of the best natural turf fields, especially when used with our organic *InfillPro Geo*, regardless of season or climate.

Its secret lies in its fibers, which are lead free, abrasion-free, uv-ray resistant, and have a 50 to 60 mm pile height.

The product combines yarns of two different green colors for an appearance similar to natural grass fields. The original "Diamond" Shape and the 220 Micron thickness of the yarn upgrades all its characteristics.

This system puts *SoccerPro* at the top of the league.



SOCCERPRO MAX S

A STEP INTO THE FUTURE

SoccerPro Max S is the absolute state-of-the-art synthesis of our customers' preferences and the technology and design achievements of our research and development team.

The *Max S* system is designed to meet the most stringent performance requirements. Optimized grass blade field coverage and highly resilient fibers allow for excellent ball results and foot traction over time.

This unique product is constructed using a double s-shape with a reinforced central core, simulating the structure of natural grass plants. The core is what's at the heart of its performance.

SAFE *Geo* PLAY

Let's give our children a level playing field...



WHY GEO?

TURF

INFILL PRO

INSTALLATIONS

TECHNICAL DATA

GALLERY

Proven 100% Safe
for Children and
the Environment.



Products



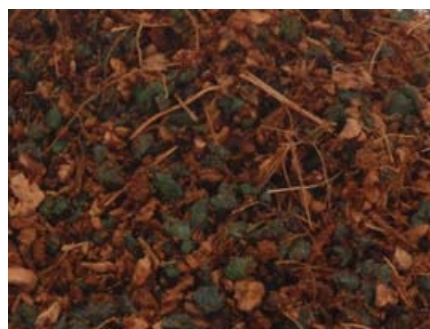
A soccer field infilled with InfillPro Geo is similar to the highest quality natural grass fields and it guarantees the possibility to use the field intensively, even under bad weather conditions.

InfillPro Geo by Limonta Sport, Italy remains only solution for infilling synthetic turf with materials that are 100% environmentally-friendly and atoxic. InfillPro Geo is produced with carefully selected, specially-treated organic and blended fibers.

Some of the main advantages are:

- Elimination of unpleasant odors typical of traditional rubber granules infills;
- Maintenance of a constant degree of humidity that prevents the playing surface from overheating.
- Identical in appearance to the highest quality natural grass fields.
- Perfect foot stability, even under extreme playing actions:
- Total compatibility with synthetic fibers.

[>>DOWNLOAD BROCHURE](#)



INFILLPROTP

InfillPro TP granules are made from special thermoplastic elastomers and produced by the extrusion of virgin raw materials. The composition of the materials and the special "patented" shape were specifically studied to guarantee elevated shock absorption and minor vertical deformities.

In addition, the special shape provides the system with elevated stability, resolving the typical problems associated with sliding spherical granules.

InfillPro TP granules are obtained from virgin raw materials selected for this scope, and are therefore free of all products that may cause environmental risks.

InfillPro TP is non-toxic

[>>DOWNLOAD BROCHURE](#)



#7-09





International School of Boston

FOR IMMEDIATE RELEASE

Contact: David Ball
Ball Consulting Group, LLC
(O) 617-243-9950
(M) 617-548-7809
david@ballcg.com

CAMBRIDGE SCHOOL FIRST IN NATION TO INSTALL “GREEN” SYNTHETIC TURF *Natural Infill Product Provides Benefits of Synthetic Turf without Heat, Health Risks, and Runoff*

Cambridge (October 3, 2008) – While synthetic turf has become popular as a low-maintenance recreational surface across the U.S., its rubber infill is increasingly seen as a health hazard because of the high temperatures that it generates and the potentially hazardous materials it contains, including lead and other carcinogens. The International School of Boston (www.isbos.org) is the first site in the United States to feature synthetic turf with an all-natural infill material, and school officials believe their new field will be a model for schools, sports leagues, and public recreation departments across the country.

The new surface, supplied by New York-based Geo Safe Play (www.geosafeplay.com) and developed in Italy where it is used on professional soccer fields, produces far less rainwater runoff because it is natural and absorbs water. Because it contains no rubber, surface temperatures approximate those of grass and produce far fewer injuries.

The infill, which goes underneath and inside the blades of synthetic grass, is derived from coconut fiber and cork.

“The International School of Boston, in designing its new play area, made it clear they did not want to settle for a typical surface,” said Jonathan Austin, Principal of Austin Architects, which developed the school’s master plan and designed the new play area in collaboration with Ray Dunetz Landscape Architecture. “The parents, board, and administration, through its Green Committee,

pushed to find a natural infill material that would provide improved safety, including reduced incidence of burns, heat exhaustion, and injuries, and would comply with an environmental resolution passed by the school's board. We quickly concluded there was nothing currently being used in the U.S. that would meet that mandate.”

Austin's team identified the new product and then conducted a rigorous review with the school's Green Committee to ensure the product was the right fit for the school's needs.

“When it comes to designing and constructing new spaces for our school, or for that matter any project, doing it the ‘easy way’ is seldom the same as doing it the ‘right way,’” said John Larner, Head of School. “Concerned parents working through our committee structure said, ‘we want our kids to have the best field possible, with the fewest injuries, and the project must be environmentally sustainable.’”

“We are proud to be able to introduce these advanced systems, developed and manufactured by Limonta Sport and used in Italy for almost a decade, to the American market,” said Domenic Carapella, Managing Director for Geo Safe Play, the exclusive North American distributor of the natural infill material. “This is a natural looking, lead-free synthetic turf that looks and feels great in the summer and winter, under snow or shade, with a totally natural infill material that retains humidity, contains no harmful metals or chemicals and adds no heat to the system. This is a win-win for our children and for the synthetic turf industry.”

While the natural infill product costs approximately 10 percent more than a field made with rubber infill, the school sees the safe and “green” field as a major selling point for prospective students and their parents.

“Parents and students want exceptional academics, but they also want the best – and in this case, the safest – facilities for their children,” added Larner. “We have transformed a dirt field that was never capable of growing grass into a lush play area for students of all ages. Our community is incredibly impressed”

In addition to Austin Architects and Ray Dunetz Landscape Architecture, which are both members of the United States Green Building Council, the project team includes landscape construction firm Emanouil Brothers, Inc. and civil engineers Samiotes Consultants, Inc.

###



David B. Cohen
Mayor

City of Newton, Massachusetts
Office of the Mayor

#11-09
Telephone
(617) 796-1100
Teletax
(617) 796-1113
TDD
(617) 796-1089
E-mail
dcohen@newtonma.gov

December 23, 2008

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to appropriate three hundred ninety-four thousand dollars (\$394,000) from bonded indebtedness for the design work for the rehabilitation of Fire Station #7.

Thank you for your consideration of this matter.

Very truly yours,

David B. Cohen
Mayor

DBC: srb

08 DEC 24 PM 1:55
CITY CLERK
NEWTON, MA. 02159

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.ci.newton.ma.us



DEDICATED TO COMMUNITY EXCELLENCE



PUBLIC BUILDINGS DEPARTMENT

A. NICHOLAS PARNELL, AIA, COMMISSIONER

Telephone: (617) 796-1600

Fax: (617) 796-1601

TTY: (617) 796-1089

52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

David B. Cohen

Mayor

December 15, 2008

Honorable David B. Cohen
Mayor
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

RE: Fire Station #7, 144 Elliot Street, Newton Upper Falls -- Design/Clerk Building
Renovation Funding Request

Dear Mayor Cohen:

Please consider this request in the amount of \$393,750 to cover the cost of Design, Clerk, and related expenses associated with the building renovation to Fire Station #7, 144 Elliot Street, Newton Upper Falls.

Now that the City will be going forward with plans to renovate various fire stations, it will be essential to have funds in place to compensate the design Architect and their consultants. I am also requesting funds to cover the Clerk, testing and construction costs for the renovation of the fire station.

The breakdown of fees is as follows:

Architectural and consultants	\$275,000
Clerk	75,000
Testing	<u>25,000</u>
	\$375,000
Contingency (5%)	<u>18,750</u>
Total	\$393,750

Please do not hesitate to contact me should you have any questions regarding this request.

Sincerely,

A. Nicholas Parnell, AIA
Commissioner of Public Buildings

ANP:dla

CC: Chief Joseph LaCroix
Sandy Pooler, Chief Administrative Officer
Susan Burstein, Chief Budget Officer

08 DEC 24 PM 1:55
CITY CLERK
NEWTON, MA 02159

PFY



David B. Cohen
Mayor

City of Newton, Massachusetts
Office of the Mayor

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Telephone
(617) 796-1100
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(617) 796-1113
TDD
(617) 796-1089
E-mail
dcohen@newtonma.gov

December 23, 2008

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to appropriate \$225,000 from Bonded Indebtedness to the Building Department for the purpose of replacing a boiler at City Hall.

Thank you for your consideration of this matter.

Very truly yours,

David B. Cohen
Mayor

DBC:srb

08 DEC 24 PM 1:54
CITY CLERK
NEWTON, MA 02159

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.ci.newton.ma.us



DEDICATED TO COMMUNITY EXCELLENCE



PUBLIC BUILDINGS DEPARTMENT

A. NICHOLAS PARNELL, AIA, COMMISSIONER

Telephone: (617) 796-1600

Fax: (617) 796-1601

TTY: (617) 796-1089

52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

David B. Cohen
Mayor

December 15, 2008

The Honorable David B. Cohen
Mayor
Newton City Hall
1000 Commonwealth Avenue
Newton Centre, MA 02459

RE: City Hall Boiler Replacement

Dear Mayor Cohen:

The Public Buildings Department respectfully requests the sum of \$225,000 to design and replace one of the boilers at City Hall. The new burner will be a combination oil/gas style. Existing boiler #1 has three leaking sections. The current boiler is over 25 years of age and replacement, not repair, is recommended.

Should you have any questions regarding this matter, please feel free to contact my office.

Sincerely,

A. Nicholas Parnell, AIA
Commissioner of Public Buildings

ANP:dla
CC: Sandy Pooler, Chief Administrative Officer
Josh Morse, HVAC Technologist
Susan Burstein, Chief Budget Officer

08 DEC 24 PM 1:54
CITY CLERK
NEWTON, MA. 02159

City Hall - Estimate for Boiler and related equipment Replacement

Boiler Demo / Replacement	\$	112,000
Dual Oil/Natural Gas Burner	\$	27,500
Condensate Return & related boiler room equipment replacement/repairs	\$	25,750
Building Trap Replacement	\$	24,000
Hot water piping replacement	\$	7,750
Design / Contract Administration	\$	17,275
Sub Total	\$	214,275
5% Contingency	\$	<u>10,714</u>
Project Cost	\$	224,989 *

Rounded to \$225,000

RF+ff



David B. Cohen
Mayor

City of Newton, Massachusetts
Office of the Mayor

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(617) 796-1100
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dcohen@newtonma.gov

December 26, 2008

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to appropriate \$385,000 from bonded indebtedness to the Public Works Department for the purpose of replacing both the salt shed and the Quonset Hut at Crafts Street. The plan is to install a single pre-engineered structure to meet the needs of the existing deteriorating structures.

Thank you for your consideration of this matter.

Very truly yours,

David B. Cohen
Mayor

DBC:srb

08 DEC 30 PM 5:04
CITY CLERK
NEWTON, MA. 02159

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.ci.newton.ma.us



DEDICATED TO COMMUNITY EXCELLENCE

City of Newton



DEPARTMENT OF PUBLIC WORKS

OFFICE OF THE COMMISSIONER

1000 Commonwealth Avenue
Newton Centre, MA 02459-1449David B. Cohen
Mayor

TO: Honorable David B. Cohen, Mayor

THRU: Sanford Pooler, Chief Administrative Officer
Susan Burstein, Chief Budget Officer

FROM: Thomas E. Daley, P.E., Commissioner *TD*

RE: Funding Request for Craft St. Salt Sheds and Quonset Hut

DATE: December 18, 2008

08 DEC 30 PM 5:05
CITY CLERK
NEWTON, MA 02159

Dear Mayor Cohen:

The CIP has contained a couple of items for many years now. They are new Salt Sheds for the Craft St. Highway Facility along with a new "Quonset hut". Due to the extreme deterioration of the salt sheds and the Quonset hut I hereby request funding in the amount of \$385,000 to replace all of the structures.

The Crafts Street Highway Facility has two wooden salt storage sheds that combined hold less than the single shed at Elliot Street (2,000 tons versus 5,000 tons). This is insufficient capacity for extended snow and ice operations. Furthermore, both of these sheds are in very poor condition, containing damaged walls and broken/missing roof support trusses. One shed has had its doorway frame dislodged off its foundation and should only be entered upon emergency situations.

We propose to install a single pre-engineered Quonset-style building built over the footprint of the two existing salt sheds. It will provide increased storage capacity along with improved accessibility for equipment.

The Craft St. metal Quonset Hut is in such disrepair that it is not cost effective to attempt renovations and repairs. The "Hut" is used for storage of sand trucks in winter and sweepers in summer.

Should you have any additional questions or concerns, please feel free to contact me.

Thank you.

cc: D. Turocy, Deputy Commissioner
S. Tocci, Director of Highway Operations
K. Griffey, Dir. Of DPW Admin.
R. Ferrera, DPW Budget Officer
N. Parnell, Commissioner of Public Buildings



David B. Cohen
Mayor

City of Newton, Massachusetts
Office of the Mayor

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dcohen@newtonma.gov

December 23, 2008

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to both acquire and accept a permanent easement from the Commonwealth of Massachusetts to maintain a sewer line and operate and maintain a pumping station on Commonwealth owned land at Hemlock Gorge on Elliot Street. This easement finalizes the acquisition that was begun with Board Order #672-86(2).

Thank you for your consideration of this matter.

Very truly yours,

David B. Cohen
Mayor

DBC:srb

08 DEC 24 PM 1:55
CITY CLERK
NEWTON, MA 02459

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.ci.newton.ma.us



DEDICATED TO COMMUNITY EXCELLENCE

LAW DEPARTMENT



CITY OF NEWTON, MASSACHUSETTS

CITY HALL

1000 COMMONWEALTH AVENUE

NEWTON CENTRE, MA 02459

TELEPHONE (617) 796-1240

FACSIMILE (617) 796-1254

CITY SOLICITOR
DANIEL M. FUNK

ASSOCIATE CITY SOLICITORS
OUIDA C.M. YOUNG DONNALYN B. LYNCH KAHN

ASSISTANT CITY SOLICITORS
RICHARD G. CHMIELINSKI
EILEEN M. MCGETTIGAN
MARIE M. LAWLOR
ANGELA BUCHANAN SMAGULA
ROBERT J. WADDICK

08 DEC 24 PM 1:55
CITY CLERK
NEWTON, MA. 02159

December 3, 2008

Honorable David B. Cohen, Mayor
City of Newton
1000 Commonwealth Avenue
Newton, MA 02459

Dear Mayor Cohen:

I respectfully request that you seek authorization from the Board of Aldermen to acquire and accept a permanent easement to maintain a sewer line and to maintain and operate a pumping station on the Hemlock Gorge Reservation, on Elliot Street, which is land owned by the Commonwealth of Massachusetts.

In the late 1980's, the City of Newton installed a new main drain and common sewer from Upper Falls Playground to Wallace Street. Land takings were made pursuant to Board Order #672-86(2). Said Board Order included a description of the land owned by the Commonwealth which was needed for the City's sewer line and pumping station. However the land of the Commonwealth was not, and could not have been, taken by the City.

It was understood that the Commonwealth would grant the City a permanent easement in the Hemlock Gorge Reservation land for the sewer line and pumping station. Plans were prepared and documents were drafted and reviewed. However, the permanent easement arrangement was not finalized in time for the City to move forward with the sewer project. Consequently, the Commonwealth granted the City a license to use the Hemlock Gorge Reservation for the sewer line and pumping station.

It was anticipated that the Commonwealth would eventually grant the City a permanent easement in the Hemlock Gorge Reservation land. However, due to a number of factors, the permanent easement was never finalized. The Commonwealth has now finalized a grant of permanent easement to the City.

Therefore, in order to make permanent the City's right to maintain and operate the pumping station and the sewer line on the Commonwealth's property, it is necessary for the Board of Aldermen to authorize you to acquire and to accept a permanent easement from the Commonwealth for said purposes.

Sincerely,

Daniel M. Funk
City Solicitor

DRAFT

DRAFT

DRAFT #6-09

CITY OF NEWTON

IN BOARD OF ALDERMEN

January __, 2009

AQUISITION OF EASEMENT

ORDERED:

That the Board of Aldermen hereby authorizes His Honor the Mayor to take all necessary steps to acquire, for nominal consideration, a grant of permanent easement from the Commonwealth of Massachusetts, acting by and through the Commissioner of the Division of Capital Asset Management and Maintenance within areas of land off Elliot Street in the City of Newton identified as "27A" and "27B" on a plan identified as "City of Newton Massachusetts Elliot Street Pumping Station Plan of Parcel to be Leased to G. Arnold Haynes By the Commonwealth of Massachusetts and Revised Easements for Main Drain and Common Sewer Prepared for the City of Newton," dated December 1988, drawn by ASEC Corporation, Boston, Massachusetts, said permanent easement within said areas of land to be used solely for the purpose of laying, maintaining, repairing, relocating and forever operating a municipal drain and common sewer and for the purpose of constructing maintaining and operating a municipal sewer pumping station.

08 DEC 24 PM 1:56
CITY CLERK
NEWTON, MA 02159

DRAFT

DRAFT

DRAFT #6-09

CITY OF NEWTON

IN BOARD OF ALDERMEN

January __, 2008

ACCEPTANCE OF EASEMENT

ORDERED:

That the Board of Aldermen hereby authorizes His Honor the Mayor to accept a grant of permanent easement from the Commonwealth of Massachusetts acting by and through the Commissioner of the Division of Capital Asset Management and Maintenance within areas of land off Elliot Street in the City of Newton identified as "27A" and "27B" on a plan on file with the Board of Aldermen identified as "City of Newton Massachusetts Elliot Street Pumping Station Plan of Parcel to be Leased to G. Arnold Haynes By the Commonwealth of Massachusetts and Revised Easements for Main Drain and Common Sewer Prepared for the City of Newton," dated December 1988, drawn by ASEC Corporation, Boston, Massachusetts, said permanent easement within said areas of land to be used solely for the purpose of laying, maintaining, repairing, relocating and forever operating a municipal drain and common sewer and for the purpose of constructing maintaining and operating a municipal sewer pumping station.

08 DEC 24 PM 1:56
CITY CLERK
NEWTON, MA. 02159