

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, JULY 18, 2012

7 PM
Room 209

ITEMS TO BE DISCUSSED:

Chairman's Note: Stephanie Pollack, Chair, Transportation Advisory Committee (TAC) will provide the Committee with a presentation related to the recommendations of the Transportation Advisory Committee.

THE FOLLOWING FOUR ITEMS ARE SCHEDULED FOR PUBLIC HEARING:

- #197-12 HIS HONOR THE MAYOR requesting the Board of Aldermen authorize a long-term lease with the solar photovoltaic firm, Ameresco Solar Inc., to allow for the installation of solar panels on the rooftops of five (5) public schools: Newton North High School, Brown Middle School, Memorial-Spaulding Elementary School, Countryside Elementary School and Bowen Elementary School. [07/02/12 @ 5:03 PM]
- #198-12 NATIONAL GRID petitioning for a grant of location for a utility control box, regulator station and to install and maintain 128' \pm of 12" and 8" gas main in AUSTIN STREET from the existing 8" gas main in Chestnut Street easterly to the proposed regulator station and from the proposed regulator station to the existing 8" gas main. (Ward 3) [06/19/12 @ 1:44 PM]
- #199-12 NATIONAL GRID petitioning for a grant of location for a utility control box, regulator station and to install and maintain 78' \pm of 8" gas main in WASHINGTON STREET at CHESTNUT STREET from the exiting 24" gas main easterly to the proposed regulator station and from the proposed regulator station to the existing 10" gas main. (Ward 3) [06/19/12 @ 1:44 PM]
- #200-12 NATIONAL GRID petitioning for a grant of location for a utility control box, regulator station and to install and maintain 60' \pm of 16", 12", and 8" gas main in BEACON STREET at WABAN AVENUE from the existing 16" gas main easterly, to the proposed regulator station and from the proposed regulator station to the existing 12" gas main. (Ward 5) [06/19/12 @ 1:44 PM]

The location of this meeting is handicap accessible, and reasonable accommodations will be provided to persons requiring assistance. If you have a special accommodation need, please contact the Newton ADA Coordinator Trisha Guditz, 617-796-1156, via email at TGuditz@newtonma.gov or via TDD/TTY at (617) 796-1089 at least two days in advance of the meeting date.

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #187-12 ALD. SALVUCCI AND GENTILE requesting discussion with the Administration regarding the contracts that the City has entered into pertaining to natural gas and electricity. [05-31-12 @ 11:02 AM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #106-12 HIS HONOR THE MAYOR requesting authorization to appropriate the sum of one hundred sixty thousand dollars (\$160,000) from bonded indebtedness for the purpose of purchasing a street sweeper. [04-09-12 @ 3:39]

- #172-11 ALD. CROSSLEY, FULLER AND SCHNIPPER requesting discussion with the Utilities Division of the Public Works Department regarding the identification of storm water inflow connections to the sewer system, so as to begin the process of systematically eliminating such illegal connections, including notifications to property owners, educational materials, requirements for corrective actions and technical and financial assistance that may be available from the City in order to facilitate removal of inflow connections. [05/26/11 @3:33 PM]

ITEMS NOT SCHEDULED FOR DISCUSSION:

REFERRED TO PROG & SERV AND PUBLIC FACILITIES COMMITTEES

- #170-12 ALD. SANGIOLO, BAKER, BLAZAR , JOHNSON, and YATES requesting the creation of an ordinance to govern the naming of public assets of the City, including the interior and exterior features of public buildings, lands, and water bodies of the City, as well as any public facilities and equipment associated with them, all to serve the best interests of the City and to insure a worthy and enduring legacy for the City's physical facilities and spaces, including appropriately honoring historic events, people, and places. [05/29/12 @ 1:34 PM]

- #99-12 ALD. LAREDO, ALBRIGHT, CROSSLEY & KALIS requesting a discussion with His Honor the Mayor regarding the creation of a long-range master plan (20-25 years) regarding the means, methods, timing, and coordination to address the City's complete infrastructure needs, including but not limited to school buildings, fire stations, other municipal buildings, streets, sidewalks, trees, playgrounds and other recreational facilities, water, stormwater, and sewer systems, and all other facilities and infrastructure identified in the city's recent capital assessment. The master plan should be comprised of specific plans from individual departments and at a minimum, the master plan should (a) identify those infrastructure needs and (b) present a phased plan, with identifiable funding sources for meeting those needs. [04-04-12 @ 10:30 PM]

- #98-12 ALD. SALVUCCI AND CICCONE requesting an update on the new water meter installation project and information on how the meters and related equipment are functioning. [03-27-12 @ 9:06 AM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #54-12 ALD. SALVUCCI, BLAZAR AND FULLER requesting the creation of a revolving fund into which 50% of all betterment income shall be deposited to be used exclusively for individual requests for betterments. [02/02/12 @ 10:21 AM]

REFERRED TO PROG. & SERV AND PUBLIC FACILITIES COMMITTEES

- #36-12 ALD. CROSSLEY & FULLER requesting Home Rule legislation or an ordinance to require inspections of private sewer lines and storm water drainage connections prior to settling a change in property ownership, to assure that private sewer lines are functioning properly and that there are no illegal storm water connections to the city sewer mains.
- A) Sewer lines found to be compromised or of inferior construction would have to be repaired or replaced as a condition of sale;
 - B) Illegal connections would have to be removed, corrected, and re-inspected in accordance with current city ordinances and codes, as a condition of sale.
- [01/24/12 @ 8:07 AM]

- #418-11 ALD. CROSSLEY, HESS-MAHAN, LINSKY AND SALVUCCI requesting a report from the administration on the status of a strategy to meet the City's obligation as a Department of Energy Resources Green Community to reduce municipal energy consumption by 20% over five years, and how that strategy is incorporated into the capital improvement plan. [12/08/11 @ 4:09 PM]

REFERRED TO PS&T AND PUBLIC FACILITIES COMMITTEES

- #413-11 ALD. CICCONE, SALVUCCI, GENTILE & LENNON updating the Public Facilities and Public Safety & Transportation Committees on the progress of renovations to the city's fire stations. [11-17-11 @ 11:07 AM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #383-11(4) HIS HONOR THE MAYOR recommending that Section 29-80 (b)(1) of the City of Newton Revised Ordinances, 2007 be amended by revising the stormwater rates as follows: single-family residences \$25 per year, two-family residences \$37.50 per year, and multi-family (3 units or more), commercial, industrial, and institutional properties (to include non-profits) would be charged at a rate of \$25 per Equivalent Residential Unit of 2,600 square feet of impervious surface on the property to take effect on July 1, 2012. [04-09-12 @ 2:39 PM]
- #352-11 ALD. JOHNSON & SCHNIPPER requesting a discussion with the Utilities Department regarding the City of Newton's current water billing practices. [10/14/11 @ 2:31 PM]
- #139-11 ALD. LINSKY, DANBERG & SALVUCCI proposing that §26-71, 26-72 and 26-73, **Sidewalk construction requested by owners, Materials for sidewalk construction, and New curbing installation**, respectively, be amended to extend participation in the betterment program to property owners who voluntarily pay the residual 50% of the costs over time in addition to the 50% initial payment provided under the ordinance. [04-27-11 @9:38 AM]

#138-11 ALD. CROSSLEY AND SCHNIPPER requesting a report from the Department of Public Works regarding the energy use and maintenance costs for the City's streetlights and gaslights and costs/payback associated with recommended energy efficiency measures. [04-21-11 9:08 AM]

REFERRED TO PS&T AND PUBLIC FACILITIES COMMITTEE

#41-11 ALD. JOHNSON, LENNON AND DANBERG requesting discussion of the elimination, except during snow emergencies, of the overnight parking ban which is in effect from November 15 through April 15. [01/18/11 @ 9:00 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#311-10(A) HIS HONOR THE MAYOR requesting an appropriation in the amount of three million three hundred thirty-five thousand dollars (\$3,035,000) from bonded indebtedness for the purpose of funding the FY 2011 Capital Improvement Plan projects as follows: [11/29/ 10 @ 3:23 PM]

Architectural Design and Engineering/ Next Scheduled Fire Station \$400,000
A-2 - HELD 6-0 \$270,000 for final design bidding and construction admin on 12/08/10

REFERRED TO PROG & SERV AND PUBLIC FACILITIES COMMITTEES

#245-10 ALD. SCHNIPPER AND SANGIOLO requesting discussion with National Grid regarding the possible damage to trees as a result of gas leaks. [09/01/10 4:00 PM]

#244-10 ALD. SALVUCCI requesting discussion with the Utilities Director and the Public Works Commissioner regarding the possibility of installing second water meters for outside irrigation. [08/17/10 @ 12:18 PM]

#223-10 ALD. YATES & ALBRIGHT requesting updates on the status of the reconstruction of the Needham/Newton Street corridor, which include details on the reconstruction funding, plans for the revitalization of the area, and plans for the implementation of transportation improvements. [07/15/10 @ 1:02 PM]

#367-09 PUBLIC FACILITIES COMMITTEE requesting discussion with the Law Department on how to resolve the dispute with NStar regarding whose responsibility it is to repair the streetlight connection between the manhole and the base of the streetlight. [10/21/09 @ 9:00 PM]

#175-09 PUBLIC FACILITIES COMMITTEE requesting monthly updates from the Department of Public Works on the Commonwealth Avenue project. [06-03-09 @ 10:30 PM]

#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]
- (f) establishment of a committee to provide oversight for public building construction and renovation during all phases of planning, design and construction.

#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]

Respectfully submitted,

Anthony J. Salvucci, Chairman



City of Newton, Massachusetts
Office of the Mayor

SETTI D. WARREN
MAYOR

#197-12

Telephone
(617) 796-1100

Telefax
(617) 796-1113

TDD
(617) 796-1089

E-mail
swarren@newtonma.gov

July 2, 2012

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

Ladies and Gentlemen:

I write to request the Honorable Board approve a long term lease to allow for the installation of solar panels on the roof-tops of five (5) of our school buildings. The solar photovoltaic firm, Ameresco Solar Inc., is prepared to enter into a Power Purchase Agreement (PPA) whereby the private firm purchases, installs, and maintains solar arrays on Newton North HS, Brown MS, Memorial-Spaulding, Countryside, and Bowen Elementary Schools. In exchange, we will pay a predetermined fee for each kilowatt of renewable energy produced, and commit to a twenty (20) year lease at no cost on the roof-top for space needed.

Through a RFQ process, members of the Energy Commission and City staff have secured the possibility for the production of approximately ¾ of a megawatt (750,000 kilowatts) per year of clean energy to offset our electricity demand and compliment the City's efforts to reduce our energy consumption by 20% while reducing our carbon footprint. At virtually no cost to the City, this arrangement is a win-win proposition, allowing a private firm to make the investment for installation and maintenance, while Newton benefits from lower energy bills and a cleaner environment.

I hope you will join me in advancing such a timely initiative. Thank you for your consideration of this matter.

Sincerely,

Setti D. Warren
Mayor

Encl.

RECEIVED
Newton City Clerk
2012 JUL -2 PM 5:03
David A. Olson, CMC
Newton, MA 02459

Overview of Newton's Solar Lease and Power Purchase Agreement

July 12, 2012

Purpose:

In an effort to promote locally generated renewable energy and help stabilize municipal energy costs over the next twenty years, the City is proposing to enter into a Power Purchase Agreement (PPA) with a private solar energy firm to address these goals. Through a long-term lease with the City, Ameresco Solar, Inc. (Ameresco) would be allowed to construct, install, operate, and maintain solar panel arrays on the rooftops of five municipal school buildings. Under the PPA, the City will pay for energy produced by Ameresco and receive financial reimbursements from our electricity supplier, NSTAR.

Background:

The Solar Panel Project was initiated at the end of 2010 through the issuance of a *Request For Qualifications* under Chapter 25A of the Massachusetts General Laws. In June 2011, the City interviewed three qualified prospective solar installers and began exploration of the engineering and financial terms for such a project. With assistance from members of the Energy Commission, an independent consultant, and City staff, extensive research and financial modeling for solar installation and power production were conducted .

Ameresco was the second of the three firms selected who conducted an analysis of City facilities and demonstrated the most promise for reaching a long term agreement with the City while meeting City goals. As such, the City signed a memorandum of understanding with the company in February 2012 acknowledging Newton's interest in Ameresco conducting a feasibility study, developing options for installations at public buildings, and proposing PPA pricing. Ameresco conducted its evaluations and preliminary conceptual design and delivered a proposal to the City in May 2012. Five school buildings were selected based on three main factors:

1. Direct exposure to sunlight throughout each day and each season – the most common obstacles encountered are rooftop equipment and shade from nearby trees.
2. Age and condition of the roof
3. Structural capacity – by building code, selected buildings must be able to safely support the additional weight of the solar equipment

Proposal:

Ameresco proposes to install solar photovoltaic panels on top of the following five (5) schools in the City of Newton:

<u>SCHOOL BUILDING</u>	<u>PANEL CAPACITY</u>	<u>ANNUAL PRODUCTION</u>
Newton North HS	262 kW	300,578 kWh
Brown MS	262 kW	309,011 kWh
Memorial Spaulding ES	112 kW	131,139 kWh
Countryside ES	66 kW	78,203 kWh
Bowen ES	50 kW	60,190 kWh
Totals:	752 kW	979,121 kWh

Under Ameresco's proposal, separate City accounts for each solar array would be established with NSTAR. The City would pay NSTAR for power deliveries as it does today. The City would also pay Ameresco agreed upon rates for solar output. The City would receive money from NSTAR in the form of *net metering credits*. (Net metering credits are based upon the difference between solar kWh generation and solar facility kWh consumption, multiplied by an amount determined under NSTAR's tariff appropriate for the newly created account and meter size, DPU regulations and state legislation.)

To date, this type of arrangement has been used by several other municipalities in Massachusetts. Under Ameresco's proposal, Newton will be paying Ameresco approximately \$0.11/kWh escalated at a rate of 2.5% per year. With the financial credits returning to the City from NSTAR under the net metering credits, a net benefit to the City will result in approximately \$750,000 over twenty years when compared to current electricity costs.

Advantages:

In addition to the environmental benefits to the total renewable energy production in the Commonwealth, this proposal provides the City with a predictable electric rate that is anticipated to escalate at a slower pace than the industry standard, thus providing some level of protection to unpredictable spikes in energy costs such as was experienced in 2008, where volatility saw energy charges increase by close to 80% and then decrease approximately 60% the next year.

There is no up-front cost to the City with little foreseen risk moving forward. All equipment including PV panels, wiring, inverters, and mounting equipment will be owned, operated, and maintained by Ameresco. The panels themselves will be mounted on each roof using a ballasted system with no roof penetrations barring possible connection to the electrical system (see photo below).

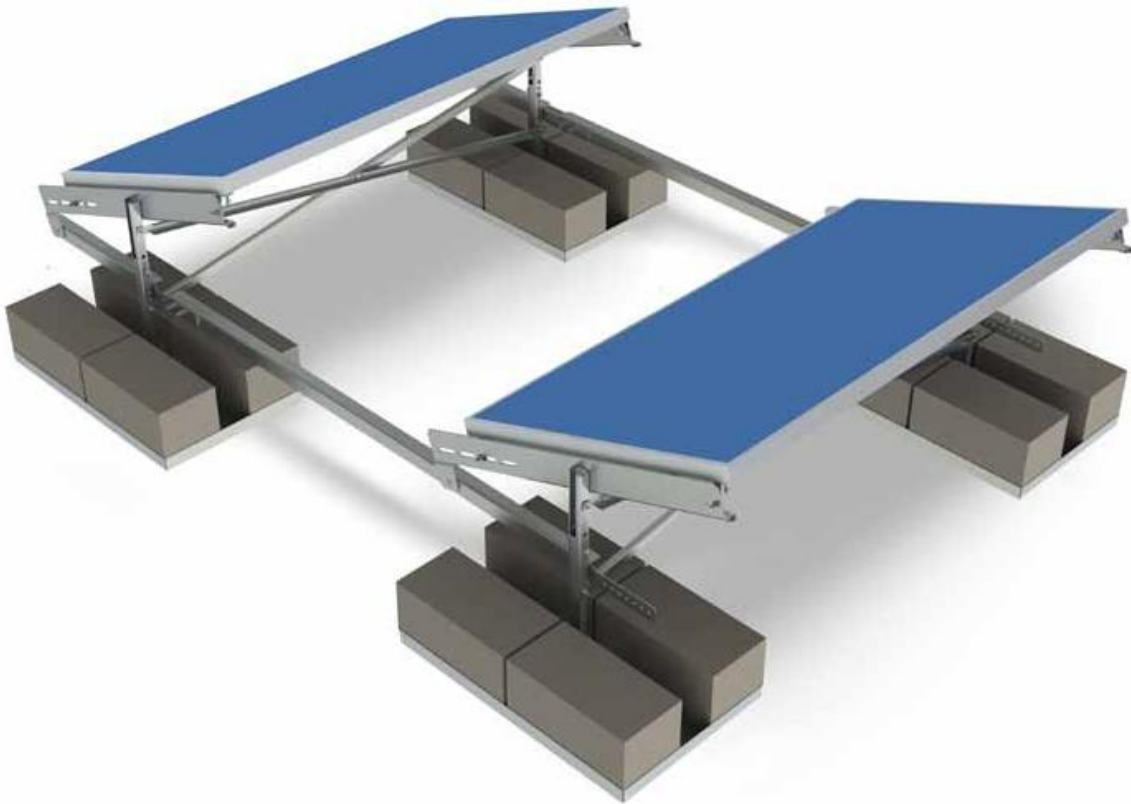


Figure 1. A schematic of a typical surface mounted solar roof installation

Next Steps/Timeline:

With approval by the Board of Aldermen to allow the City to enter into a lease for portions of the rooftops of those aforementioned five school buildings, Ameresco will complete detailed engineering drawings, negotiate an agreeable 20-year lease and Power Purchase Agreement with the City, and begin installation as soon as all permits and requirements are attained. The anticipated timeline for installation is for completion and full operation by December 31, 2012.

Together, the lease and PPA, while a negotiated document, is expected to address several City concerns to include:

- * warranties and insurance coverage for the solar equipment
- * option for the City to buy-out the panels from Ameresco at an agreed upon time in the lease
- * responsibility for the cost of the panel removal at the end of the twenty year term if the City chooses not to buy the solar facilities to be borne by Ameresco.
- * protection of any roof warranties held by the City
- * responsibility for snow removal
- * the right for the City to review proposed designs with right of approval for non-generation items, such as type of conduit used, general layout to allow for easy and safe rooftop equipment access
- * responsibility for correct installation
- * responsibility for all maintenance operations
- * responsibility for all failed equipment replacement and inverter replacement at 10 year mark
- * minimum annual visits/ safety checks
- * education program and kiosks
- * ability for City to repair roofs without penalty
- * assurances that installation and maintenance will not disrupt the conduct of classroom activities and approval by the School Department as to the operation protocols
- * conditions and responsibility for emergency shutdowns to protect the system due to NSTAR system problems
- * emergency access by the owner (Ameresco) and emergency notifications by the City

Upon final agreement of the lease and Power Purchase Agreement signed by both Ameresco and the Mayor, final copies will be distributed to the Board of Aldermen. It is expected this will occur in coming months.

CITY OF NEWTON
IN BOARD OF ALDERMEN

ORDINANCE NO. Z-106

April 2, 2012

BE IT ORDAINED BY THE BOARD OF ALDERMEN
OF THE CITY OF NEWTON AS FOLLOWS:

That the Revised Ordinances of Newton, Massachusetts, 2007, as amended, be and are hereby further amended with respect to **Section 2-7 Sale or lease of city owned real property.**, as follows:

1. In the first paragraph of Section 2-7 insert after the last sentence the following:

Notwithstanding the foregoing, this section shall not apply to the lease of city owned real property for solar panels; provided, however, that in the case of such a lease the procedures outlined in subsection (9) of this section shall apply.

2. Re-number existing subsections (9) and (10) to (10) and (11), respectively.
3. Insert a new subsection (9) as follows:

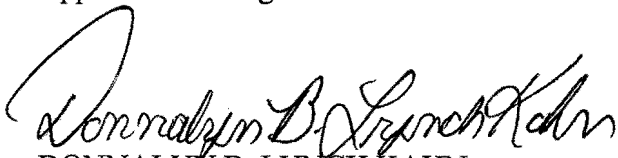
(9) In any instance where the lease of city owned property for solar panels is part of an arrangement under which the city uses power produced by the solar panels and/or receives net metering credits pursuant to state law, the following procedures shall apply:

- a) The executive department shall submit a proposal for such lease to the board of aldermen for approval. Such proposal shall indicate the location of the city owned property for which a lease is sought and such other information as may be available regarding the likely types of solar panels and related equipment that may be placed at the site. In preparing the proposal, the executive department shall consult with such city departments, aldermen for the ward involved and abutting property owners as the executive department may consider appropriate, taking into account the procurement requirements applicable under the General Laws.
- b) At the earliest opportunity, the board of aldermen shall, for purposes of this section, assign the proposal for public hearing before its committee dealing with matters of public buildings and/or other city owned real property and this committee shall hold a public hearing. Due notice of such public hearing shall be given to the abutters of the city owned real property which is proposed for lease and to the abutters of such abutters. Said notice shall include the location of the property proposed for lease for


solar panels and related equipment and, if available, a description as to the likely types of solar panels and related equipment that may be placed at the site. The committee shall deliberate and, if recommending approval, may affix such restrictions and conditions to the lease terms, other than financial conditions, as it deems in the public interest. The committee shall make a recommendation to the board of aldermen within forty-five (45) days following the public hearing as to whether the proposed lease is in the public interest.


- c) Within sixty (60) days of receipt of the committee report, the board of aldermen shall vote as to whether to authorize the mayor to lease such city owned property for solar panels and related equipment. If the vote is in the affirmative, then the mayor may proceed on such terms and conditions as determined by the mayor to be in the public interest. If the vote is in the negative, then the mayor shall not lease such property for solar panels and related equipment, provided, however, that nothing herein shall preclude the board from authorizing the mayor to lease such property pursuant to a subsequent request to lease such property.
- d) The requirement of notice and public hearing under subsection (9)(b) may be waived by a three-fourths vote of those members of the board of aldermen present and voting.

Approved as to legal form and character:


DONNALYN B. LYNCH KAHN
 City Solicitor

Under Suspension of Rules
Readings Waived and Adopted
24 yeas 0 nays

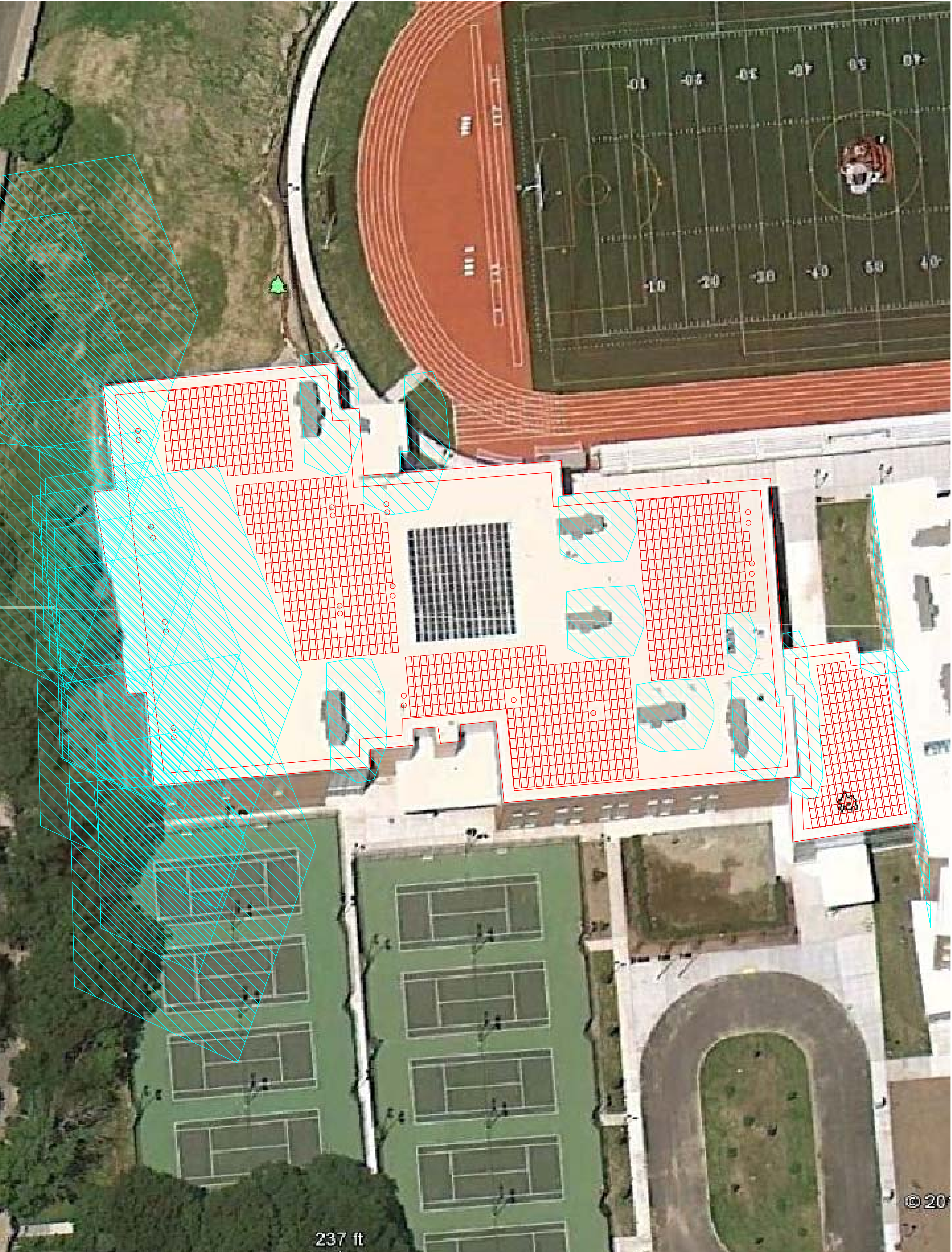

 (SGD) DAVID A. OLSON
 City Clerk


 (SGD) SETT D. WARREN
 Mayor

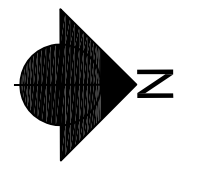
4/13/12

		ARRAY			MOUNT			INVERTER		
LOCATION	ARRAY	# OF MODULES	MODULE	KWP STC	AZMUTH	TILT	TYPE	TYPE	CEC EFFECIENCY	KW AC CEC
NEWTON NORTH HS	1 (SOUTH)	143	Canadian Solar CS6P-240P	34.3	175	5	PANEL CLAW POLAR BEAR GEN II	PVP-260 KW	96.0%	29.7
	2 (SOUTH)	273		65.5	175	5				56.6
	3 (CENTER)	286		68.6	175	5				59.3
	4 (CENTER)	234		56.2	175	5				48.5
	5 (NORTH)	156		37.4	171	5				32.3
TOTAL		1092		262.1						226.4

- NOTES:**
1. SHADING PATTERN FOR ROOF IS CALCULATED BASED ON FEBRUARY 21. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.
 2. SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEMS IS NOT SHOWN.



NEWTON NORTH HS- OVERALL ARRAY LAYOUT
SCALE: 1/32"=1'-0"



E-100

AMERESCO 111 Speen Street, Suite 410
Framingham, Massachusetts 01701
(508) 661-2200

Copyright 2005 Ameresco. The above drawings, specifications, ideas, designs, and arrangements are and shall remain the property of Ameresco and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specified project for which they have been prepared and developed without the written consent of Ameresco. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings.

DEPARTMENT OF PUBLIC BUILDINGS
CITY OF NEWTON
457 WALNUT STREET STREET, NEWTON 02460

NEWTON NORTH HIGH SCHOOL
262.1 kWp DC STC - PV SYSTEM INSTALLATION

PHOTOVOLTAIC ARRAY LAYOUT

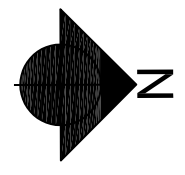
SCALE: AS NOTED
DRAWN BY: LFA
CHECKED BY:
DATE: 04/05/2012
REVISIONS:

ARRAY			MOUNT			INVERTER				
LOCATION	ARRAY	# OF MODULES	MODULE	kWp STC	AZIMUTH	TILT	TYPE	TYPE	CEC EFFECIENCY	kW AC CEC
BOWEN ES	NORTH	168	Canadian Solar CS6P-240P	40.3	183	15	PANEL CLAW POLAR BEAR GEN II	PVP-50 KW	96.0%	34.8
	EAST	42		10.1	183	15				8.7
TOTAL		168		50.4						43.5

- NOTES:**
1. SHADING PATTERN FOR ROOF IS CALCULATED BASED ON FEBRUARY 21st. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.
 2. SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEMS NOT SHOWN.



BOWEN ES- OVERALL ARRAY LAYOUT
SCALE: 1/8"=1'-0"



DEPARTMENT OF PUBLIC BUILDINGS
CITY OF NEWTON
280 CYPRESS STREET, NEWTON MA 02459

BOWEN ELEMENTARY SCHOOL
50.4 kWp DC STC - PV SYSTEM INSTALLATION

PHOTOVOLTAIC ARRAY LAYOUT

SCALE: AS NOTED
DRAWN BY: LFA
CHECKED BY:
DATE: 04/05/2012
REVISIONS:



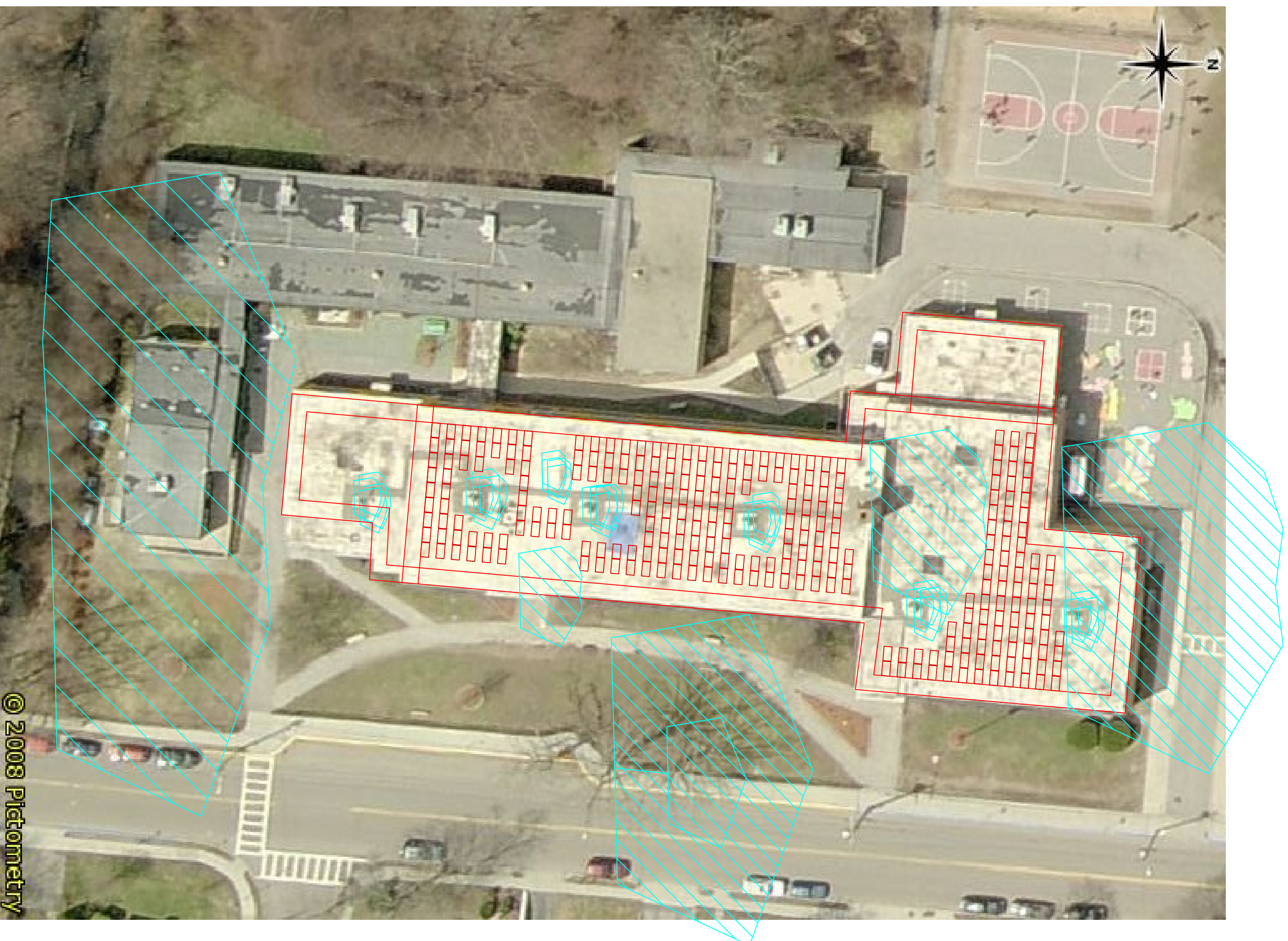
111 Speen Street, Suite 410
Framingham, Massachusetts 01701
(508) 661-2200

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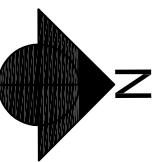
E-100

		ARRAY			MOUNT			INVERTER		
LOCATION	ARRAY	# OF MODULES	MODULE	kWp STC	AZIMUTH	TILT	TYPE	TYPE	CEC EFFICIENCY	kW AC CEC
COUNTRYSIDE ES	NORTH	91	Canadian Solar CS6P-240P	21.8	185	15	PANEL CLAW POLAR BEAR GEN II	PVP-50 kW	96.0%	18.9
	SOUTH	182		43.7	185	15				37.7
TOTAL		273		65.5						56.6

- NOTES:**
1. SHADING PATTERN FOR ROOF IS CALCULATED BASED ON FEBRUARY 21. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.
 2. SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEMS NOT SHOWN.
 3. ASSUMES THE WATER METER ANTENNA WILL BE RELOCATED TO THE NORTH SECTION OF THE BUILDING



COUNTRYSIDE ES- OVERALL ARRAY LAYOUT
SCALE: 1/32"=1'-0"



SCALE: AS NOTED
DRAWN BY: LFA
CHECKED BY:
DATE: 04/05/2012
REVISIONS:

DEPARTMENT OF PUBLIC BUILDINGS
CITY OF NEWTON
191 DEDHAM STREET, NEWTON MA 02461

COUNTRYSIDE ELEMENTARY SCHOOL
65.5 kWp DC STC - PV SYSTEM INSTALLATION

PHOTOVOLTAIC ARRAY LAYOUT

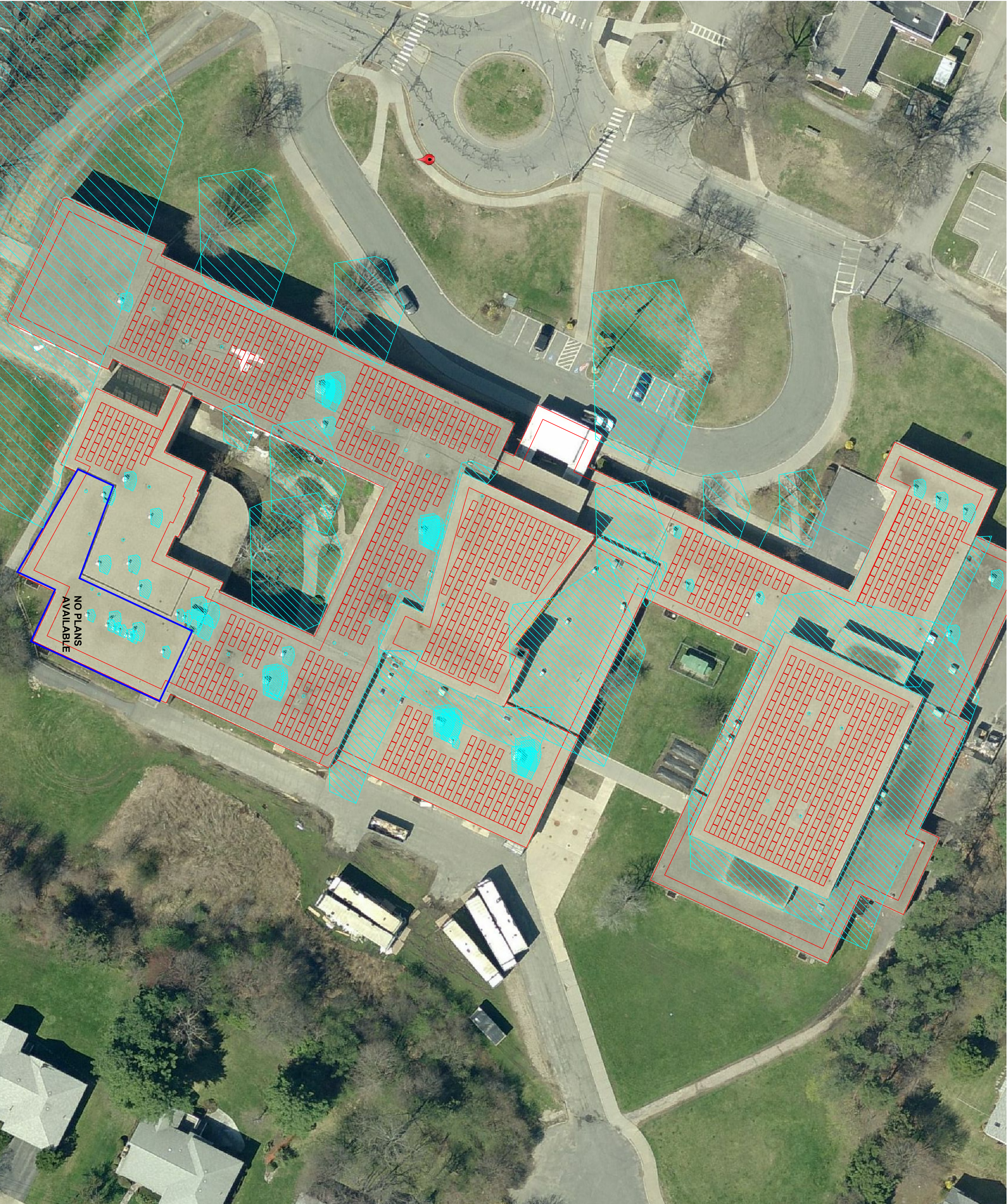
AMERESCO 111 Speen Street, Suite 410
Framingham, Massachusetts 01701
(508) 661-2200

Copyright 2005 Ameresco. The above drawings, specifications, ideas, designs, and arrangements are and shall remain the property of Ameresco and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specified project for which they have been prepared and developed without the written consent of Ameresco. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings.

E-100

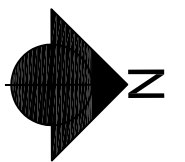
LOCATION		ARRAY	# OF MODULES	MODULE	KWp STC	AZIMUTH	TILT	TYPE	TYPE	CEC EFFICIENCY	KW AC CEC
BROWN MS	NORTH SECTION		533	Canadian Solar CS6P-240P	127.9	183	15	PANEL CLAW POLAR BEAR GEN II	PVP-100 kW	96.0%	110.5
	SOUTH SECTION		559		134.2	183	15		PVP-100 kW	96.0%	115.9
TOTAL			533		262.1						226.4

- NOTES:**
1. SHADING PATTERN FOR ROOF IS CALCULATED BASED ON FEBRUARY 21, 2010. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.
 2. SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEMS IS NOT SHOWN.



NO PLANS AVAILABLE

BROWN MS- OVERALL ARRAY LAYOUT
SCALE: 1/32"=1'-0"



E-100



111 Speen Street, Suite 410
Framingham, Massachusetts 01701
(508) 661-2200

Copyright 2005 Ameresco. The above drawings, specifications, ideas, designs, and arrangements are and shall remain the property of Ameresco and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specified project for which they have been prepared and designed without the written consent of Ameresco. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings.

DEPARTMENT OF PUBLIC BUILDINGS
CITY OF NEWTON
125 MEADOWNBROOK RD, NEWTON MA

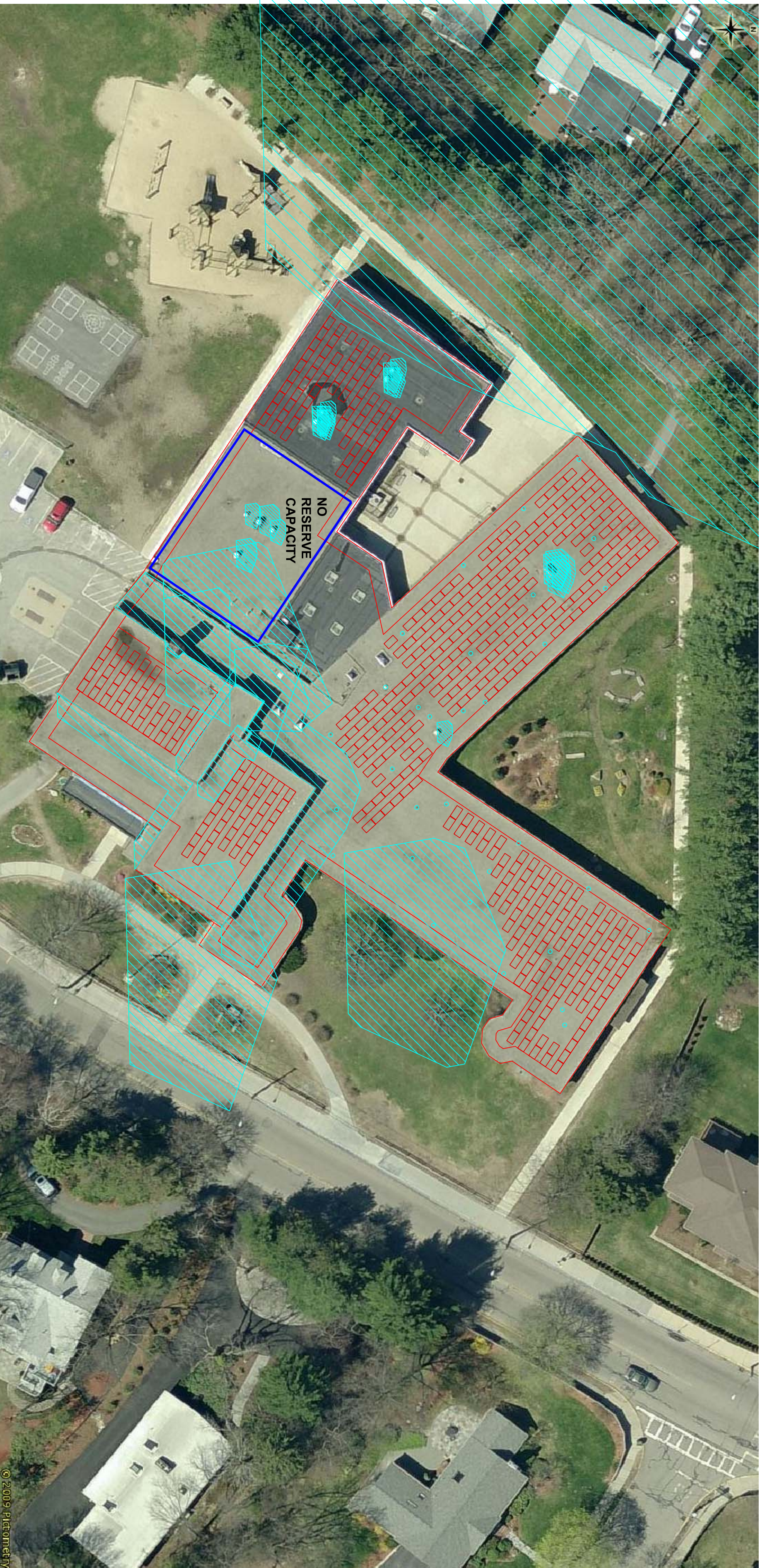
BROWN MIDDLE SCHOOL
262.1 kWp DC STC - PV SYSTEM INSTALLATION

PHOTOVOLTAIC ARRAY LAYOUT

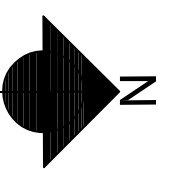
SCALE: AS NOTED
DRAWN BY: LFA
CHECKED BY:
DATE: 04/05/2012
REVISIONS:

LOCATION		ARRAY	# OF MODULES	MODULE	KWP STC		AZMUTH	TILT	MOUNT		INVERTER	
MEMORIAL SPAULDING ES	NORTH SECTION		208	Canadian Solar CS6P-240P	49.9	227	15	15	PANEL CLAW POLAR BEAR GEN II	PVP-100 KW	96.0%	43.1
	SOUTH EAST SECTION		260		62.4	214	53.9					
TOTAL			468		112.3							97.0

- NOTES:**
1. SHADING PATTERN FOR ROOFS CALCULATED BASED ON FEBRUARY 21, 2010. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.
 2. SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEMS NOT SHOWN.



MEMORIAL SPAULDING ES - OVERALL ARRAY LAYOUT
SCALE: 1/32"=1'-0"



SCALE: AS NOTED
DRAWN BY: LFA
CHECKED BY:
DATE: 04/05/2012
REVISIONS:

DEPARTMENT OF PUBLIC BUILDINGS
CITY OF NEWTON
250 BROOKLINE STREET, NEWTON MA

MEMORIAL SPAULDING ELEMENTARY SCHOOL
112.3 kWp DC STC - PV SYSTEM INSTALLATION

PHOTOVOLTAIC ARRAY LAYOUT

AMERESCO 111 Speen Street, Suite 410
Framingham, Massachusetts 01701
(508) 661-2200

Copyright 2005 Ameresco. The above drawings, specifications, ideas, designs, and arrangements are and shall remain the property of Ameresco and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specified project for which they have been prepared and developed without the written consent of Ameresco. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings.

E-100

CITY OF NEWTON
MASSACHUSETTS

#198-12

PETITION for GRANT OF LOCATION

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 and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
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 final decision

RECEIVED
NEWTON CITY CLERK
JUN 19 PM 1:44
DAVID A. OLSEN, CMC
NEWTON, MA 02459

Questions may be directed to:

Lou Taverna, City Engineer, 617-796-1020
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213

I. IDENTIFICATION (Please Type or Print Clearly)

Company Name NATIONAL GRID
Address 40 SYLVAN RD.
WALTHAM MA. 02451
Phone Number 617-293-0480 Fax Number _____
Contact Person DENNIS REGAN Title PERMIT REPRESENTATIVE
Signature [Signature] Date 6-19-12
Person filing application

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.

TO INSTALL AND MAINTAIN APPROXIMATELY 128 FEET MORE OR LESS OF 12" & 8" GAS MAIN IN AUSTIN ST NEWTON FROM THE EXISTING 8" GAS MAIN IN CHESTNUT ST EASTERLY TO THE PROPOSED REGULATOR STATION AND FROM THE PROPOSED REGULATOR STATION TO THE EXISTING 8" GAS MAIN ALL OF WHICH TO REPLACE THE EXISTING REGULATOR STATION IN CHESTNUT ST AT AUSTIN ST

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

Title of Plan Chestnut St @ Austin St. Date of plan 5-31-2012
NEWTON, MA.

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project

Major Project

Lateral

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

Plans Submitted:

Certified Plot Plan

Stamped Plans

RECEIVED
Newton City
2012 JUN 19
David A. O'Neil
Newton, MA

DATE AND COMMENTS:

6/28/12


RECOMMENDATIONS

1. Street opening permit required from City of Newton	1. 36" minimum cover on all trenches
2. Notify Engineering 48 hours prior to work	2. Backfill shall be 95% compact from
3. Police detail required	3. Bituminous concrete and side curbs shall be replaced in kind to City of Newton specs.
	4. All concrete sidewalk panels, concrete and granite curbing damaged shall be replaced in kind and grade to City of Newton Specifications.
	5. Handicap ramp shall be replaced, if damaged, to ADA Architectural Access Board and City of Newton specifications.
	6. Trees shall be protected from any damage.

S.J. O'Shea

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

7. Traffic shall be maintained.


Commissioner, Public Works

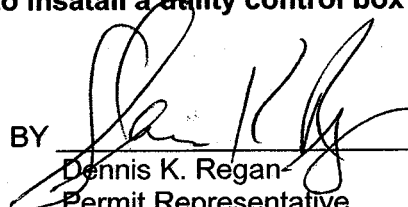
6/29/12
Date

City of Newton/ Board of Alderman:--

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways, and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

To install and maintain approximately 128 feet more or less of 12 inch and 8 inch gas main in Austin St, Newton. From the exiting 8 inch gas main in Chesnut St, Easterly, to the proposed regulator station and from the proposed regulator station to the existing 8 inch gas main. All of which to replace and abandon the existing regulator pit at in Chesnut St at Austin St. To replace this obsolete regulator station, it is imperative to insatall a utility control box (50" H x 36" W x 17" D) to insure emergency remote operation.

DATE June 19, 2012

BY 
Dennis K. Regan
Permit Representative

ORDER FOR GAS MAIN LOCATION

City of Newton/ Board of Alderman:

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways, and places of the **City of Newton** substantially as described in the petition dated June 19 2012 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

RECEIVED
Newtown Clerk
2012 JUN 19 PM 1:44
David A. O'Brien CMC
Newtown MA 02459

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Dated this _____ day of _____, 20 ____.

I hereby certify that the foregoing order was duly adopted by the _____ of the City of _____, MA on the _____ day of _____ 20 ____.

BY _____

Title

**RETURN ORIGINAL TO THE PERMIT SECTION
NATIONALGRID
40 SYLVAN RD, WALTHAM, MA 02451
RETAIN DUPLICATE FOR YOUR RECORDS**

Final Label Report

#198-12

SBL	Owner	Number	Street	Unit
31004 0002A	FENNIMAN LAUREN E	357-361	AUSTIN ST	357 B
31004 0002	WHITMAN SILVIA	357-361	AUSTIN ST	361 A
31004 0003	SHASTRI RAVI & BHAGYALAKSHMI	365	AUSTIN ST	
32003 0002	PAULIN EVARISTE J & MARGARET L	370	AUSTIN ST	
31004 0004	AUSTN STREET DEVELOPMENT LLC	371	AUSTIN ST	
31004 0005	FORT TRUMAN & ANNA	379	AUSTIN ST	
31004 0007	HOUSTON BRADEN	68	CHESTNUT ST	
32004 0002	SULLIVAN BARBARA & PETER	73	CHESTNUT ST	
31004 0006	M SQUARE REALTY LLC	76	CHESTNUT ST	
32004 0005B	SACHS KATHERINE G	79	CHESTNUT ST	3
32004 0005A	MAYER SANDRA A	79	CHESTNUT ST	2
32004 0005	KRASNEY ELLEN B	79	CHESTNUT ST	1
32004 0008	APFELBAUM RUTH	89	CHESTNUT ST	
32003 0029	MARSHALL TRAUTE	100	CHESTNUT ST	
32004 0009	HEALY GEORGE F T/C	3	FAIRVIEW TER	
32004 0001	THE SECOND CHURCH IN NEWTON	60	HIGHLAND ST	
32003 0003	BERGER RICHARD S	39	HILLSIDE AVE	

CITY OF NEWTON
MASSACHUSETTS

#199-12

PETITION for GRANT OF LOCATION

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 and the Department of Public Works Permit Processing brochure.

RECEIVED
NEWTON CITY CLERK
2012 JUN 19 PM 1:46
DAVID A. OLSON
C/MC
NEWTON, MA 02459

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
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 my be directed to:

Lou Taverna, City Engineer, 617-796-1020
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213


I. IDENTIFICATION (Please Type or Print Clearly)

Company Name NATIONAL GRID

Address 40 SYLVAN RD
WALTHAM MA 02451

Phone Number 617-293-0480 Fax Number _____

Contact Person DENNIS REGAN Title PERMIT REPRESENTATIVE

Signature  Date 6-19-12
Person filing application

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.

TO INSTALL AND MAINTAIN APPROXIMATELY 78 FEET MORE OR LESS OF 8" GAS MAIN IN WASHINGTON ST AT CHESTNUT ST NEWTON, FROM THE EXISTING 24" GAS MAIN EASTERLY TO THE PROPOSED REGULATOR STATION AND FROM THE PROPOSED REGULATOR STATION TO THE EXISTING 10" GAS MAIN. ALL OF WHICH TO REPLACE AND ABANDON THE EXISTING REGULATOR STATION IN WASHINGTON ST AT WATER TOWN ST.

B. Include or attach a sketch to provide a visual description of the project. If plans are attached, provide: Title of Plan WASHINGTON ST @ CHESTNUT ST Date of plan 5-31-2012
NEWTON, MA

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project Major Project Lateral

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

Plans Submitted:

Certified Plot Plan Stamped Plans

RECEIVED
NEWTON CITY ENGINEER
2012 JUN 19 PM 1:55
David A. O'Sullivan
Newton, MA 02459

DATE AND COMMENTS:

6/20/12

RECOMMENDATION

1. Street opening permit required from City of Newton	1. 36" minimum cover on all trench lines
2. Notify Engineering 48 hours prior to work	2. Backfill shall be 95% compacted
3. Police detail required	3. Bituminous concrete ^{and concrete} travertine shall be replaced with ^{according to} City of Newton Specifications
<i>B. J. O'Shea</i>	4. All concrete sidewalk panels and granite curbing damaged shall be replaced in kind and grade to City of Newton Specifications
	5. Handicap ramp shall be replaced if damaged, to ADA, and AAB Specifications Architectural Access Board, and City of Newton.
	6. Trees shall be protected from any damage.

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE:

7. Traffic shall be maintained

[Signature]
Commissioner, Public Works

6/29/12
Date

PETITION OF NATIONAL GRID FOR GAS MAIN LOCATIONS

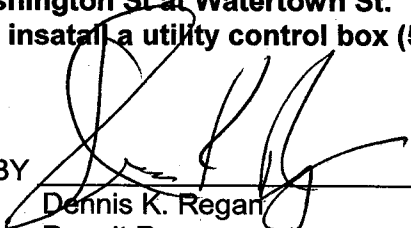
#199-12

City of Newton/ Board of Alderman:-

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways, and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

To install and maintain approximately 78 feet more or less of 8 inch gas main in Washington St at Chestnut St, Newton. From the exiting 24 inch gas main Easterly, to the proposed regulator station and from the proposed regulator station to the existing 10 inch gas main. All of which to replace and abandon the existing regulator station at in Washington St at Watertown St. To replace this obsolete regulator station, it is imperative to insatall a utility control box (50" H x 36" W x 17" D) to insure emergency remote operation.

DATE June 19, 2012

BY 
Dennis K. Regan
Permit Representative

ORDER FOR GAS MAIN LOCATION

City of Newton/ Board of Alderman:

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways, and places of the **City of Newton** substantially as described in the petition dated June 19 2012 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Dated this _____ day of _____, 20 ____.

I hereby certify that the foregoing order was duly adopted by the _____ of the City of _____, MA on the _____ day of _____ 20 ____.

BY _____

Title

**RETURN ORIGINAL TO THE PERMIT SECTION
NATIONALGRID
40 SYLVAN RD, WALTHAM, MA 02451
RETAIN DUPLICATE FOR YOUR RECORDS**

RECEIVED
Newton City Clerk
2012 JUN 19 PM 1:46
David A. Oson, CMC
Newton, MA 02459

Final Label Report

#199-12

SBL	Owner	Number	Street	Unit
33010 0005	BANK OF AMERICA	1	CHESTNUT ST	
31004 0015	DIV WASHINGTON LLC	24	CHESTNUT ST	
31004 0007	HOUSTON BRADEN	68	CHESTNUT ST	
33010 0005A	BANK OF AMERICA	1	CHESTNUT ST REAR	
32004 0001	THE SECOND CHURCH IN NEWTON	60	HIGHLAND ST	
33011 0013	KENMORE REALTY CORPORATION	527	WALTHAM ST	
31006 0014	DONATO MARK & STEVEN J	1203	WASHINGTON ST	
31004 0013	DIV WASHINGTON LLC	1210-1230	WASHINGTON ST	
31006 0015	DONATO MARK & STEVEN J	1213-1215	WASHINGTON ST	
31006 0016	DONATO FRANK A & CARLENE E	1221	WASHINGTON ST	
31006 0017	DONATO FRANK A & CARLENE E	1229	WASHINGTON ST	
31006 0018	1235 WASHINGTON STREET LLC	1235	WASHINGTON ST	
31004 0014	JACOB & ASSOCIATES INC	1236	WASHINGTON ST	
31005 0003	DONATO STEVEN J & MARK F TRS	1239-1247	WASHINGTON ST	
31004 0016	COUTO & CHAVES INVESTMENT CO LLC	1250	WASHINGTON ST	
31005 0002	DONATO MARK F & STEVEN J TRS	1253	WASHINGTON ST	
33010 0004	KRITZAS JAMES C TR	1274-1284	WASHINGTON ST	
33010 0003	KENMORE REALTY CORPORATION	1286-1294	WASHINGTON ST	
33010 0002A	STAR THEATRES INC	1296	WASHINGTON ST	
33010 0002	KENMORE REALTY CORPORATION	1298-1308	WASHINGTON ST	
33011 0014	COUNTY OF MIDDLESEX	1309	WASHINGTON ST	
33010 0001	S-BNK WEST NEWTON LLC	1314	WASHINGTON ST	
31005 0001	LUNA REALTY PTNRS LTD PTNRSH	978	WATERTOWN ST	
31016 0015	C I D REALTY TRUST	979	WATERTOWN ST	
31016 0001	COMPROPS LIMITED PTNRSH	989-1003	WATERTOWN ST	

PETITION for GRANT OF LOCATION

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 and the Department of Public Works Permit Processing brochure.

Grant of Location Process:

1. Applicant submits completed Petition Form and required materials to Public Works Department
2. Public Works Department conducts preliminary review and gives written comments to the applicant
3. Petitioner files Petition Form with Clerk of the Board of Aldermen
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:

Lou Taverna, City Engineer, 617-796-1020
Shawna Sullivan, Clerk of the Board of Aldermen, 617-796-1213

RECEIVED
Newton City Clerk
2012 JUN 19 PM 1:45
David A. Olson, CMC
Newton, MA 02459

IDENTIFICATION (Please Type or Print Clearly)

Company Name NATIONAL GRID

Address 40 SYLVAN RD.

WALTHAM MA. 02451

Phone Number 617-293-0480 Fax Number _____

Contact Person DENNIS REGAN Title PERMIT REPRESENTATIVE

Signature [Signature] Date _____
Person filing application

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.

TO INSTALL AND MAINTAIN APPROXIMATELY 60 FEET MORE OR LESS OF 16" 12" & 8" GAS MAIN BEACON ST AT WABAN AVE NEWTON FROM THE EXISTING 16" GAS MAIN EASTERLY TO THE PROPOSED REGULATOR STATION AND FROM THE PROPOSED REGULATOR STATION TO THE EXISTING 12" GAS MAIN. ALL OF WHICH TO REPLACE AND ABANDON THE EXISTING REGULATOR STATION AT THE SAME LOCATION

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

Title of Plan BEACON ST @ WABAN AVE Date of plan 5-31-2012
NEWTON MA

III. PUBLIC WORKS DEPARTMENT REVIEW

Date received by Public Works Department _____

Check One:

Minor Project

Major Project

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:

6/29/12

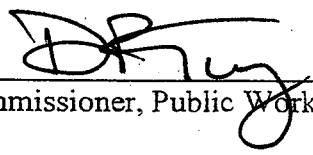
RECOMMENDATIONS:

1. Street opening permit required from City of Newton	1. 30 minimum cover on all trenches
2. Notify Engineering 48 hours prior to work	2. Backfill shall be 95% compaction
3. Police detail required	3. Bituminous concrete ^{and sidewalk} shall be replaced in kind to City of Newton Specifications
	4. All concrete sidewalk ^{and granite curbing} shall be replaced in kind and grade to City of Newton Specifications
	5. Handicap ramp(s) shall be replaced if damaged, to ADA Architectural Access Board and City of Newton Specifications
	6. Trees and shrubs shall be protected from any damage

A.J. O'Shea

V. RECOMMENDATION TO PUBLIC FACILITIES COMMITTEE

7. Traffic shall be maintained.


Commissioner, Public Works

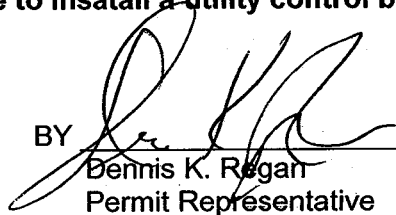
6/29/12
Date

City of Newton/ Board of Alderman:—

The Nationalgrid hereby respectfully requests your consent to the locations of mains as hereinafter described for the transmission and distribution of gas in and under the following public streets, lanes, highways, and places of the **City of Newton** and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and accomplish the objects of said Company; and the digging up and opening the ground to lay or place same:

To install and maintain approximately 60 feet more or less of 16 inch, 12 inch and 8 inch gas main in Beacon St at Waban Ave, Newton. From the exiting 16 inch gas main Easterly, to the proposed regulator station and from the proposed regulator station to the existing 12 inch gas main. All of which to replace and abandon the existing regulator station at the same location To replace this obsolete regulator station, it is imperative to insatall a utility control box (50" H x 36" W x 17" D) to insure emergency remote operation.

DATE June 19, 2012

BY 
Dennis K. Regan
Permit Representative

ORDER FOR GAS MAIN LOCATION

City of Newton/ Board of Alderman:

IT IS HEREBY ORDERED that the locations of the mains of the Nationalgrid for the transmission and distribution of gas in and under the public streets, lanes, highways, and places of the **City of Newton** substantially as described in the petition dated June 19 2012 attached hereto and hereby made a part hereof, and of the pipes, valves, governors, manholes and other structures, fixtures and appurtenances designed or intended to protect or operate said mains and/or accomplish the objects of said Company, and the digging up and opening the ground to lay or place same, are hereby consented to and approved.

RECEIVED
Newton City Clerk
2012 JUN 19 PM 1:49
David A. O'Shea
City Clerk
Newton, MA 02459

The said Nationalgrid shall comply with all applicable provisions of law and ordinances of the **City of Newton** applicable to the enjoyment of said locations and rights.

Dated this _____ day of _____, 20 _____.

I hereby certify that the foregoing order was duly adopted by the _____ of the City of _____, MA on the _____ day of _____, 20 _____.

BY _____

Title

**RETURN ORIGINAL TO THE PERMIT SECTION
NATIONALGRID
40 SYLVAN RD, WALTHAM, MA 02451
RETAIN DUPLICATE FOR YOUR RECORDS**

Final Label Report

#200-12

SBL	Owner	Number	Street	Unit
55048 0037	UNION CHURCH SOCIETY		BEACON ST	
55010 0057	PARISH OF THE GOOD SHEPHERD	1671	BEACON ST	
55011 0009	DESAI LISA K	1672	BEACON ST	
55011 0008	HUSHER ELSIE M	1686	BEACON ST	
55011 0007	PARISH OF THE GOOD SHEPHERD	1692	BEACON ST	
55011 0006	AMELLO JASON A & LUCY P	1700	BEACON ST	
55010 0055	QUAN TONY & GUM Y	1711	BEACON ST	
55048 0036	UNION CHURCH SOCIETY	14	COLLINS RD	
55040 0022	GALLAUGHER JOHN M & KIMBERLY M	23	COLLINS RD	
55048 0035	SABIN THOMAS D	28	COLLINS RD	
55040 0021	CHARNESS MICHAEL E & DEBORAH N	33	COLLINS RD	
55048 0034	FRENCH CONNIE	34	COLLINS RD	
55048 0033	MOFFAT GERTRUDE S	40	COLLINS RD	
55011 0004	RICHMOND ALBERTA M	8	MANITOBA RD	
55040 0023	PAYNE AUBREY H	28	WABAN AVE	
55011 0010	MALKASIAN PATRICIA FABRIZIO	29	WABAN AVE	
55039 0065	RANDALL HARRIET T & FREDERICK L TRS	36	WABAN AVE	
55011 0011	BODKIN J ALEXANDER & DINAH K	39	WABAN AVE	
53029 0002A	SULLIVAN GREGORY T TR	2-12	WINDSOR RD	
53027 0002	NEWTON HOUSING AUTHORITY	68-70	WYMAN ST	
53026 0013	MCLEAN JOHN S & MARTHA J TRS	89-97	WYMAN ST	
53027 0001	MASS BAY TRANS AUTHORITY	100	WYMAN ST	

City of Newton



Setti D. Warren
Mayor

DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE COMMISSIONER
1000 Commonwealth Avenue
Newton Centre, MA 02459-1449

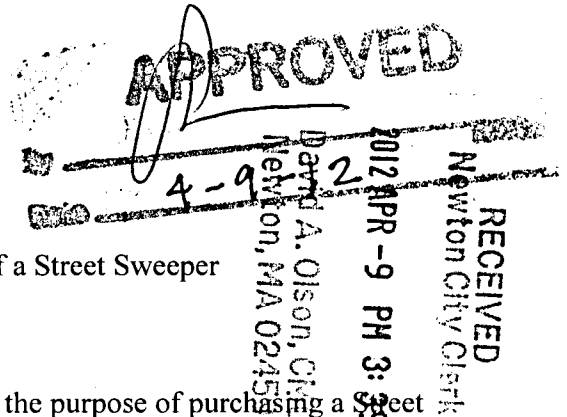
April 3, 2012

To: Mayor Setti D. Warren

From: David F. Turocy, Commissioner of Public Works

Via: Robert R. Rooney, Chief Operating Officer
Maureen Lemieux, Chief Financial Officer

Subject: Request to Appropriate Funds for Purchase of a Street Sweeper
FY 2013 Capital Improvement Plan



Public Works requests authorization to borrow \$160,000 for the purpose of purchasing a Street Sweeper. The new unit will replace vehicle #148 which has been taken out of service. This request is included in the Fiscal Year 2013-2017 Capital Improvement Plan as priority item #20. Public Works requires a minimum of six street sweepers to maintain the goal of sweeping all business areas and parking lots once a week and to sweep all city streets four times annually.

cc: D. Wilkinson, Comptroller
R. Ferrara, DPW Chief Budget Officer
E. Gentile, Director of Environmental Affairs
R. Mahan, Superintendent of Equipment

SUMMARY (January 3, 2012)

Private Inflow Removal Program:

- Project totals:
 - Total inspections: 20,480
 - sump pumps confirmed: 660
 - open floor drains/cleanouts confirmed : 172
 - total estimated flow: 5,830,560 gpd

- Notification to Residents:
 - Sixty nine (69) residences notified.
 - Fifty four (54) responded to the notification via email or phone.
 - Eighteen (18) have complied and are no longer in violation.