

## **DESIGN REVIEW BOARD**

**Monday, June 15, 2020**

**7:30 p.m.**

### **Virtual Meeting using Zoom**

Meeting ID: 845-1987-6965

(Instructions for accessing below)

To view and participate in this virtual meeting on your phone, download the “Zoom Cloud Meetings” app in any app store or at [www.zoom.us](http://www.zoom.us). At the above date and time, click on “Join a Meeting” and enter the following Meeting ID: 845-1987-6965

Link: <https://us02web.zoom.us/j/84519876965>

To view and participate in this virtual meeting on your computer, at the above date and time, go to [www.zoom.us](http://www.zoom.us) click “Join a Meeting” and enter the following ID: 845-1987-6965

HEARINGS begin at 7:30pm.

1. Public notice is hereby given that The McDonalds Restaurant, located at 340 Chestnut Street, has made application to the Design Review Board for a Special Permit pursuant to the Sign By-Law Section 5.3.4, and any other applicable sections of the By-law. The application is for installation of a freestanding electronic menu board sign on the rear corner of the building.

#### APPLICANTS:

*(Items for which a specific time has not been assigned may be taken out of order.)*

2. Bryan Vasser (Archer Signs) applying for signage at William Raveis, 168 Garden Street.
3. Dana Thomases, (BeautyMuse) applying for signage at BeautyMuse, 117 Chapel Street.
4. Walter Bonola (Doosan Fuel Cell America, Inc.) applying for fuel cell project at TripAdvisor, 400 First Avenue.



**TOWN OF NEEDHAM**

**DESIGN REVIEW BOARD**

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

**Application and Report**

Location: 340 Chestnut Street Date: 5/28/2020

Owner: R.H.C. Associates c/o The McCoy Restaurant Group

Address: 10 Jean Avenue, Unit 2 Chelmsford MA 01824  
Street City State Zip

Telephone: \_\_\_\_\_

Applicant: McDonald's Corporation

Address: 110 Carpenter Street, Chicago IL 60607  
Street City State Zip

Telephone: c/o Hinckley Allen & Snyder, Leah Rubega: (617) 378-4358

Designer/Installer: Sue Medeiros, Spencer Technologies

Address: 10 Trotter Drive, Medway, MA 02053  
Street City State Zip

Telephone: 508-635-2122

| Type of Application                 |                                 |
|-------------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> | Sign                            |
| <input type="checkbox"/>            | Minor Project                   |
| <input type="checkbox"/>            | Exterior Alterations            |
| Major Project                       |                                 |
| <input type="checkbox"/>            | - preliminary                   |
| <input type="checkbox"/>            | - final                         |
| <input type="checkbox"/>            | Flexible Subdivision            |
| <input type="checkbox"/>            | Planned Residential Development |
| <input type="checkbox"/>            | Residential Compound            |

Brief description of sign or project:

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McDonald's is requesting to update its drive-through menu board by replacing the existing internally illuminated menu board with a digital menu board, as further described in the Attachment to this application form.

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**Attachment to Sign Design Review Application  
McDonald's Corporation  
340 Chestnut Street, Needham, MA**

McDonald's Corporation ("**McDonald's**") proposes to replace its existing drive through menu board with a digital menu board at its drive through restaurant located at 340 Chestnut Street, Needham, Massachusetts (the "**Property**"). This Addendum is being submitted in support of McDonald's Application to the Sign Design Review Board (collectively, this "**Application**").

**I. Existing Conditions**

The existing McDonald's restaurant is located in a 2,668 square foot building (the "**Building**") on the Property, and the Property is located in the Chestnut Street Business district, with a Lower Chestnut Street Overlay. The existing drive-through configuration includes one drive-through lane with one menu board and speaker located at the back portion of the Property, followed by one payment window and one pick up window on the north side of the Building. The existing menu board is approximately 42 square feet.

**II. Proposed Digital Menu Board**

McDonald's is updating their menu boards at all their locations nationally to digital menu boards. The proposed change is consistent with updated technology and is necessary because repairs on the existing internally illuminated boards are becoming increasingly difficult and inefficient as the illuminated boards have become obsolete, and therefore, replacing and repairing parts is becoming increasingly difficult. The menu board at this location is essential to the operation of a fast service food drive through operation and it is imperative that it is fully functioning for McDonald's to continue the use of the Property.

The proposed digital menu board will be located at the back of the Property where the drive-through lane is located, and will contain static menu images. The menu board will not include flashing images or flashing lights and will not involve moving images. The content on the menu board will change up to three times a day for the change of menu for breakfast, lunch and dinner. Additionally, the menu items may change based on promotional or specialty items. The proposed digital menu board is also more energy efficient, as it uses LED technology and adjusts in brightness as it gets darker out. In addition, the digital menu board is a reduction in size from the existing menu board, as the existing menu board is approximately 42 square feet and the proposed digital menu board is approximately 27.4 square feet.

**III. Applicable Provisions of the Sign By-Laws**

Under Article 5 of Needham's General By-laws, the Needham Sign By-Laws (the "**By-laws**"), a sign is defined as: "Any device designated to inform or attract the attention of persons who are not on the premises on which the device is located." While menu boards are not included in the the list of displays that are not considered signs under Section 5.2, we believe that the McDonald's menu board does not qualify as a sign under the definition of a sign under the By-

laws. The digital menu board would be located in the rear of the Property, facing away from Chestnut Street, and is smaller than the current internally illuminated menu board and therefore, the information contained on the menu board is not visible to persons traveling by the Property. The menu board is not intended to attract persons who are not on the Property, but instead, are meant to be viewed by those customers who have already entered the Property and have entered the drive through lane.

In the event the Board determines that a menu board is a sign under the By-laws, McDonald's proposed digital menu board is not an animated or revolving sign, which are prohibited under Section 5.4.2.3(c) of the By-laws. In addition, the proposed digital menu board will not include flashing images or flashing lights. The proposed digital menu board will have static images of the menu items, which are subject to change based on set times of day (for example, breakfast and lunch/dinner) and during times in which the menu items are updated. Under the current conditions, every time the menu board needs to be changed, an employee has to walk out to the drive through and manually change the menu board. With the digital menu board, the changes can be activated from within the store. Additionally, due to the updated technology of the digital menu board, the digital menu board is more efficient than the existing internally illuminated menu board. The digital menu board uses energy efficient LED technology and also self-adjusts in brightness based on the time of day, and dims during darker hours. The existing menu board has one standard display brightness, and is the same brightness regardless of whether it is noon or midnight. Additional information about the digital menu board is attached hereto as Exhibit A.

Additionally, Section 5.4.2.3(d) of the By-laws addresses "sandwich boards":

Sandwich boards are also permitted provided they meet the following requirements: one sign per business; 2 feet by 3 feet maximum sign panel in a black or white colored frame; they are comprised of permanent printed sign panels or handwritten sign panels; they are located on the site of the advertised business' street front on private property, or if on public property, do not block or interfere with the 48" width of the public sidewalk; they are on display during the business' operating hours only; they may advertise short term sales, daily menus, sign-up periods up to three weeks ahead of end date, and similar special events; they are not internally illuminated; and they do not contain any alcohol or cigarette advertisements.

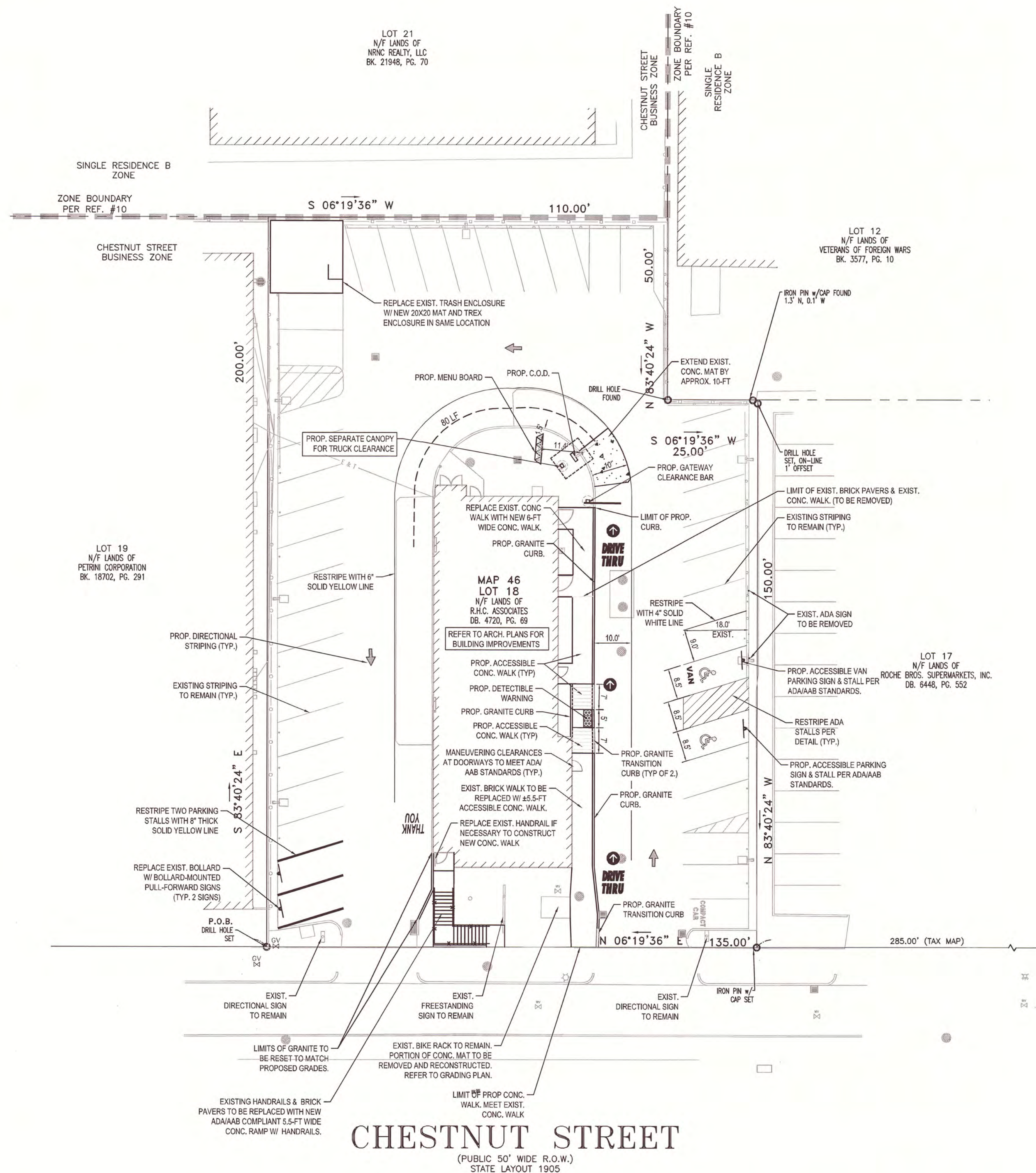
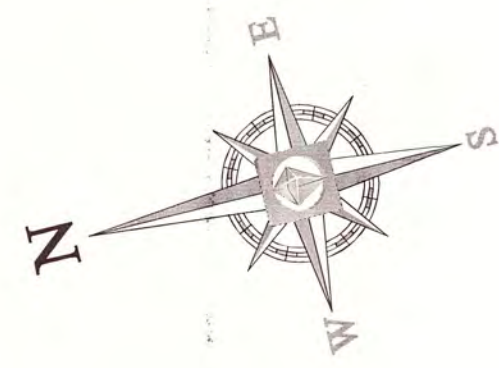
Therefore, McDonald's menu board does not qualify as a sandwich board, as the existing menu board greatly exceeds the 2 feet by 3 feet maximum square footage permitted, are internally illuminated, and are not located on the Property's street front. In the event this Board determines that McDonald's menu board qualifies as "sandwich boards", then the existing menu board is prior non-conforming, as they do not comply with the standards for a sandwich board as stated above. The proposed digital menu board is smaller than the existing menu board, as the existing menu board is 42 square feet and the proposed digital menu board is approximately 27.4 feet, and therefore would result in a reduction in the non-conformity.

#### **IV. Conclusion**

This request for a digital menu board at the Property is part of a nation-wide effort for McDonald's to upgrade its drive through operations, as the existing internally illuminated menu board is outdated, and aging out of existence for the McDonald's operation. The digital menu board will not be clearly visible from the roadway, and is not meant to advertise or attract customers passing by on the adjacent street, and will not have flashing or moving images. The proposed digital menu board should not be deemed an animated sign, as the prohibition of animated signs in the by-laws clearly seems to be aimed at road-side signs with flashing and moving images that are distracting and dangerous to passersby. McDonald's, which we believe is the only business in Needham that has a drive through with a menu board, is simply requesting to replace its existing menu board with a menu board that reflects the current times and technology. McDonald's proposed digital menu board will result in increased efficiency and safety and overall improved aesthetics to the drive through operation at the Property compared to the existing outdated and less efficient menu board.

EXHIBIT  
SIGNAGE PACKAGE





| ZONING ANALYSIS TABLE      |                                                                                                       |           |           |
|----------------------------|-------------------------------------------------------------------------------------------------------|-----------|-----------|
| ZONING DISTRICT            | CHESTNUT STREET BUSINESS DISTRICT<br>FAST FOOD USE REQUIRES SPECIAL PERMIT                            |           |           |
| ZONE CRITERIA              | REQUIRED                                                                                              | EXISTING  | PROPOSED  |
| MINIMUM LOT AREA           | 10,000 SF                                                                                             | 25,750 SF | NO CHANGE |
| MINIMUM LOT FRONTAGE       | 80'                                                                                                   | 135'      | NO CHANGE |
| MAX. BUILDING COVERAGE     | NOT RESTRICTED                                                                                        | 14%       | NO CHANGE |
| MIN. FRONT SETBACK         | 20'                                                                                                   | 22.0'     | NO CHANGE |
| MIN. SIDE SETBACK          | N/A                                                                                                   | 45.8'     | NO CHANGE |
| MIN. REAR SETBACK          | N/A                                                                                                   | 73.5'     | NO CHANGE |
| MIN. FRONT PARKING SETBACK | 20'                                                                                                   | 5' (SP)   | NO CHANGE |
| MAX. BUILDING HEIGHT       | 2.5 STORIES / 35'                                                                                     | 17'±      | 20'±      |
| MAX. F.A.R.                | 0.7                                                                                                   | 0.14      | NO CHANGE |
| PARKING SPACES             | 64                                                                                                    | 40 (SP)   | NO CHANGE |
| PARKING CRITERIA           | 1 SPACE PER 3 SEATS + 10 SPACES PER TAKEOUT SERVICE STATION<br>(72 / 3) + (4x10) = 64 SPACES REQUIRED |           |           |

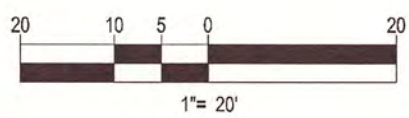
(SP) INDICATES THAT A SPECIAL PERMIT WAS PREVIOUSLY GRANTED

| SIGN SUMMARY TABLE       |                                                      |                                                         |                                 |
|--------------------------|------------------------------------------------------|---------------------------------------------------------|---------------------------------|
| TYPE                     | ALLOWED                                              | EXISTING                                                | PROPOSED                        |
| SITE SIGNAGE             |                                                      |                                                         |                                 |
| FREESTANDING I.D. SIGN   | 64 SF PER 2000 BUILDING PERMIT                       | 64 SF ACTUAL AREA<br>132± SF BOXED AREA<br>18'-10" TALL | NO CHANGE<br>(EXIST. TO REMAIN) |
| BUILDING SIGNAGE         |                                                      |                                                         |                                 |
| FRONT WALL SIGN          | 2 SF / LF, UP TO 32 SF<br>38x2 > 32<br>32 SF ALLOWED | 34.43 SF ACTUAL<br>66.7 SF BOXED                        | 1" M" LOGO @ 14.00 S.F. (R)     |
| NON DRIVE THRU WALL SIGN | -                                                    | 10 SF                                                   | 1" M" LOGO @ 14.00 SF (R)       |
| DRIVE THRU WALL SIGN     | -                                                    | 10 SF                                                   | NONE                            |
| REAR WALL SIGN           | -                                                    | NONE                                                    | NONE                            |
| TOTAL BUILDING SIGNAGE   | -                                                    | 86.7 SF                                                 | 28 SF                           |

NOTE: ALL SIGNS AREAS ARE "BOXED" FOR CALCULATIONS

(R) INDICATES THAT ZONING RELIEF MAY BE REQUIRED

DEMOLITION NOTE  
EXISTING FEATURES ON THIS PLAN ARE TO REMAIN UNLESS OTHERWISE NOTED.



*Pro M* 8/30/2017

|                                       |                               |
|---------------------------------------|-------------------------------|
| STREET ADDRESS<br>340 CHESTNUT STREET |                               |
| TOWN<br>NEEDHAM                       | STATE<br>MASSACHUSETTS        |
| COUNTY<br>NORFOLK                     |                               |
| REGIONAL DWG. NO<br>-                 | PLAN DESCRIPTION<br>SITE PLAN |

|           |                                                 |                   |
|-----------|-------------------------------------------------|-------------------|
| BY<br>MDB | DESCRIPTION<br>REVISED FOR UPCOMING DRB MEETING | DATE<br>4/18/2013 |
| MDB       | UPDATED DETAIL FOR ORDER STATION                | 5/6/2013          |
| EGD       | ADDITIONAL SIDEWALK DETAILING                   | 7/19/2013         |
| EGD       | REVISED FOR BID                                 | 7/24/2013         |

|                             |      |    |
|-----------------------------|------|----|
| PLAN APPROVALS              | DATE | BY |
| SIGNATURE                   |      |    |
| APPROVED (McDONALD'S AGENT) |      |    |

|               |             |     |
|---------------|-------------|-----|
| STATUS        | DATE        | BY  |
| DRAWN BY:     | 02/06/13    | MDB |
| PLAN CHECKED: |             | JAK |
| AS-BUILT      |             |     |
| SHEET NO.     | C-2<br>OF 8 |     |

**J.A. KUCICH**  
PROFESSIONAL ENGINEER  
MASSACHUSETTS LICENSE No. 41530  
CONNECTICUT LICENSE No. 26177  
RHODE ISLAND LICENSE No. 9694  
MAINE LICENSE No. 12553

**McDonald's**  
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF McDONALD'S CORPORATION AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.  
OFFICE  
NORTHEAST REGION  
ADDRESS  
690 CANTON STREET  
WESTWOOD, MA

**BOHLER**  
ENGINEERING

352 TURNPIKE ROAD  
SOUTHBOROUGH, MA 01772  
Phone: (508) 480-9900  
Fax: (508) 480-9900  
[www.BohlerEngineering.com](http://www.BohlerEngineering.com)

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SURVEYORS  
PROJECT MANAGERS  
ENVIRONMENTAL CONSULTANTS  
LANDSCAPE ARCHITECTS

CORPORATE OFFICE:  
WARREN, NJ

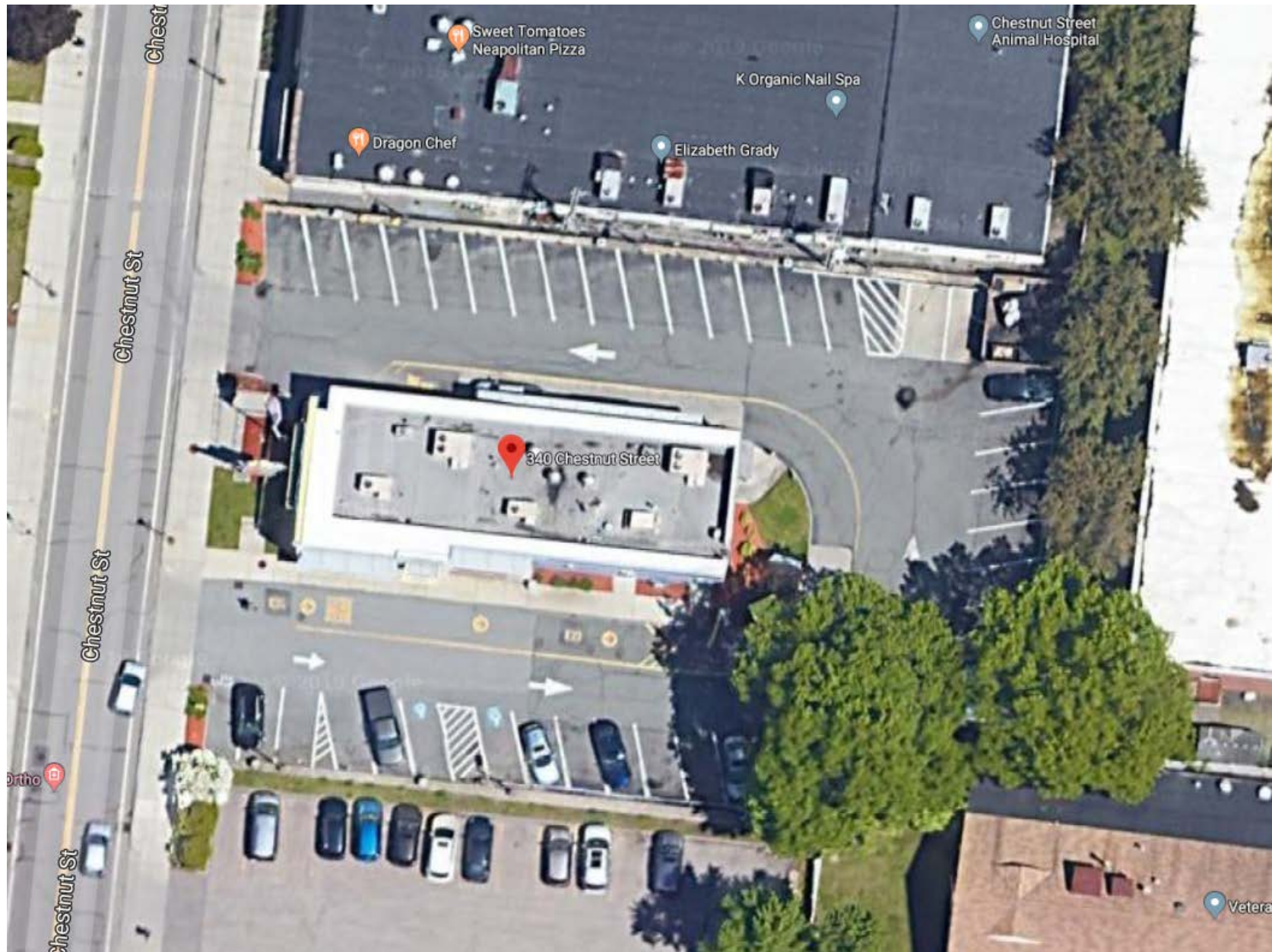
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# 340 Chestnut Street, Needham, MA



# OUTDOOR DIGITAL MENU BOARD (ODMB)

## Benefits of ODMB:

- The proposed menu boards are smaller in size than the existing menu boards and would provide for an overall reduction in sign area.
- The proposed menu boards would reduce the carbon footprint as they use energy efficient LED technology, the old menu boards are fluorescent.
- The menu boards will no longer require ballast or bulb replacement which makes them environmentally friendly to our landfills.
- The old menu boards used paper copies of menus and the new menu boards will eliminate the waste of paper overall.
- Content only changes 3 times a day – breakfast, lunch & dinner
- Lumens on boards can be adjusted, if visible from a ROW
- The main menu boards are smaller in size (**Approximately 27.4 sq. ft versus 42 Sq. ft**)
- Cleaner visuals, easier to read products, price and items
- Smaller & Streamlined menus, simplified for the customer



## Drive Through at Property





# Drive Through at Property





# Existing Drive Through Menu Board at Property





## Example of Digital Menu Board



# Example of Digital Menu Board





# Example of Digital Menu Board

Example of a digital menu board for McDonald's, displaying various food items and prices. The board is divided into several sections:

### Combo Meals

Meals include medium french fries, soft drink and medium soft drink. Pick a different drink or size for an additional charge. Promotion pricing may be lower than menu pricing.

- 1 Big Mac® meal 8.19 | 560-1140 Cal. 5.19 | 540 Cal.
- 2 Quarter Pounder® with Cheese meal 8.99 | 530-1110 Cal. 5.69 | 510 Cal.
- 3 Double Quarter Pounder® with Cheese meal 10.19 | 740-1320 Cal. 7.29 | 720 Cal.
- 4 Buttermilk Crispy Chicken meal 8.69 | 620-1200 Cal. 5.69 | 640 Cal.
- 5 Artisan Grilled Chicken meal 8.69 | 460-1040 Cal. 5.69 | 440 Cal.
- 6 10 pc. Chicken McNuggets® meal 8.29 | 440-1020 Cal. 5.09 | 420 Cal.
- 7 Filet-O-Fish® meal 7.99 | 400-980 Cal. 4.89 | 380 Cal.
- 8 4 pc. Buttermilk Crispy Tenderloin meal 8.99 | 500-1080 Cal. 4.99 | 480 Cal.
- 9 2 Cheeseburgers meal 5.99 | 620-1200 Cal. 2.98 | 600 Cal.

### McCafé®

Premium Roast Coffee  
Iced Caramel Macchiato®  
Frappé®  
Smoothie®  
Mocha®  
Pies apple

● 1.29 | 0 Cal.  
● 3.19 | 250 Cal.  
● 3.69 | 510 Cal.  
● 3.29 | 240 Cal.  
● 2.79 | 380 Cal.  
● 1.99 | 500 Cal.

### Fries, Sides & More

McDouble®  
Soft Drinks  
Fries  
20 pc. McNuggets®  
Hash Browns  
Sweet Tea

2.19 | 380 Cal.  
● 1.00 | 0-280 Cal.  
● 3.19 | 320 Cal.  
6.69 | 630 Cal.  
● 1.89 | 150 Cal.  
● 1.49 | 200 Cal.

### All Day Breakfast

Egg McMuffin® 4.39 | 300 Cal.  
Sausage McMuffin® with Egg 4.29 | 480 Cal.  
2 Sausage Burrito 3.59 | 600 Cal.

### Happy Meal®

Choose a meal:  
4 pc. Chicken McNuggets®  
6 pc. Chicken McNuggets®  
Hamburger  
Choose a side:  
Apple Slices  
Go-URT®  
Choose a drink:  
Honey Raisin Cereal  
Apple Juice  
White Milk  
DASANI® Water

### \$1/\$2/\$3 Dollar Menu

Any Size Soft Drink  
Hamburger  
Small Premium Iced Coffee  
Double Soft Oatmeal  
Sausage Biscuit  
Double Cheeseburger  
6 pc. McNuggets®  
Small McCafé®  
Small Fries

● 0-220 Cal.  
● 0-280 Cal.  
359 Cal.  
0 Cal.  
460 Cal.  
440 Cal.  
250 Cal.  
● 0-220 Cal.  
400 Cal.  
175 Cal.  
220 Cal.

### Sweets & Treats

Shakes, chocolate  
Sundae, hot fudge  
Cone

● 3.69 | 630 Cal.  
2.59 | 330 Cal.

### limited time deal

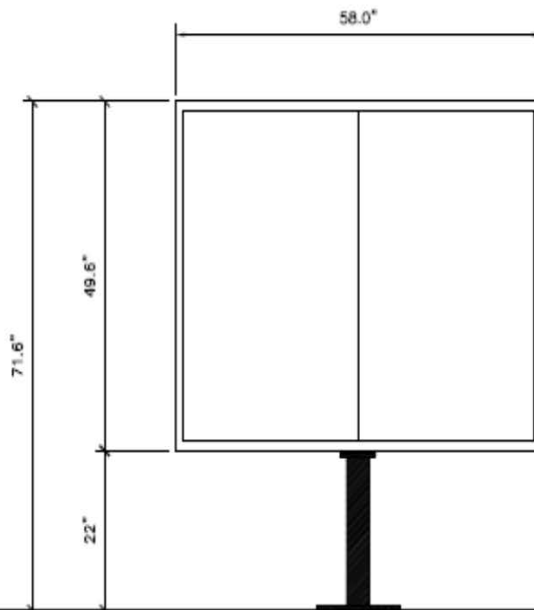
2 for 5

Mix & Match  
Filet-O-Fish® 4.89 | 390 Cal.  
Quarter Pounder® with Cheese 5.69 | 510 Cal.  
10 pc. Chicken McNuggets® 5.09 | 420 Cal.  
Big Mac® 5.19 | 540 Cal.

### Your Order (1 of 1)

Ask to "Round-Up" your total to donate to RMHC®  
1 M Iced Coffee Black  
Medium Sugar-Free Vanilla Iced Coffee

Tax: \$0.10 Total: \$1.49



**ELECTRICAL:** FIRST CIRCUIT: 120/1/60, 15 AMP  
SECOND CIRCUIT: 120/1/60, 10 AMP

**SHIP WEIGHT:** TBD LBS.

**MEDIA PLAYER:** STRATACACHE

#### GENERAL NOTES

- THE FOLLOWING CODES WERE USED IN DESIGN:
  - IBC 2012
  - ASCE 7-10
  - ACI 318-11
  - ASC 360-10 & ASC 341-10
  - AWS D1.1
- WIND SPEED XXX MPH (ULTIMATE WIND SPEED)
- EXPOSURE C
- DESIGN LOADS DERIVED FROM THESE CODES AND FORCES
  - AXIAL- XXX #
  - SHEAR- X,XXX #
  - MOMENT- X,XXX #
- ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE
- MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100 PSF/FT (X2)
- SITE SOIL CONDITIONS TO BE CONFIRMED BY GEOTECHNICAL ENGINEER, IF ASSUMED SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING IN TO ACCOUNT ACTUAL SITE SOIL CONDITIONS
- TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE)
- ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS

#### CONCRETE:

- ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE
- ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- MINIMUM CONCRETE STRENGTH (F'C=3,000 PSI) SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
- USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6
- AIR ENTERTAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS 2.6-A AND 2.13-A
- WATER CONTENT RATIO SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
- FOUNDATION CONCRETE TO BE TESTED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 3.14
- PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL
- REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5 PERFORMED BY GENERAL CONTRACTOR
- ANCHOR RODS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
- DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 3.11-E

#### STEEL:

- STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (Fy=35 KSI)
- HSS ROUND SECTION: ASTM A500 GRADE B (Fy= 42 KSI)
- HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (Fy= 46 KSI)
- HEADED ANCHOR RODS ASTM F1554 GR 55, AN ACCEPTABLE ALTERNATIVE IS ASTM F1554 GR 55, S1 WHEN THE EMBEDDED END OF THE ROD IS THREADED AND THE NUT TACK WELDED PRIOR TO GALVANIZATION.
- STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36
- REINFORCEMENT: ASTM A615 GRADE 60- BY GENERAL CONTRACTOR
- NUTS: ASTM A563A, HEAVY HEX
- WASHERS: ASTM F844 A36
- USE ASTM A153 CLASS C OT DIPPED GALVANIZED BOLTS AND FASTENERS.
- ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER
- NO FIELD HEATING TO BEND STEEL SHALL BE ALLOWED WITHOUT ENGINEER'S APPROVAL
- DO NOT CUT ANCHOR RODS AFTER INSTALLATION OF POLE
- AFTER INSTALLATION, ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION
- ANY FIELD WELDING SHALL FIRST BE VERIFIED BY ENGINEER AND PERFORMED IN ACCORDANCE WITH AWS D1.1
- REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION

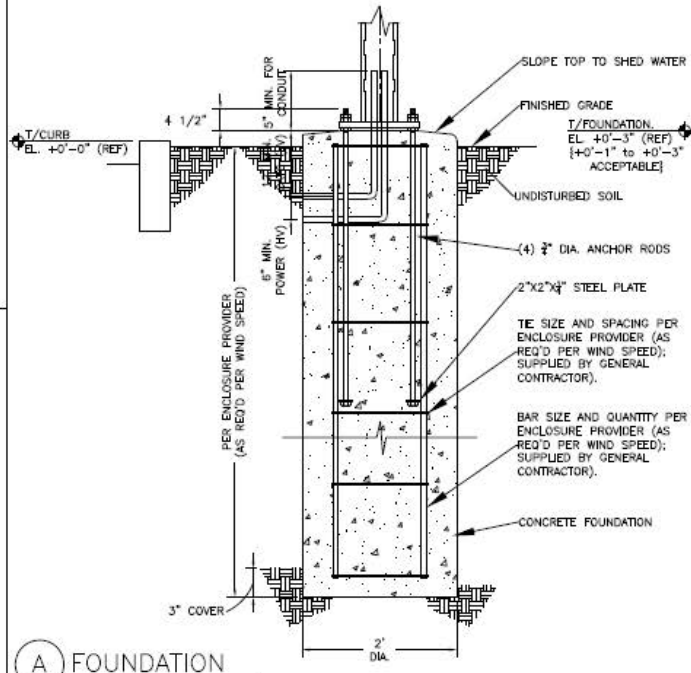
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F1.0

DIGITAL MENU BOARD

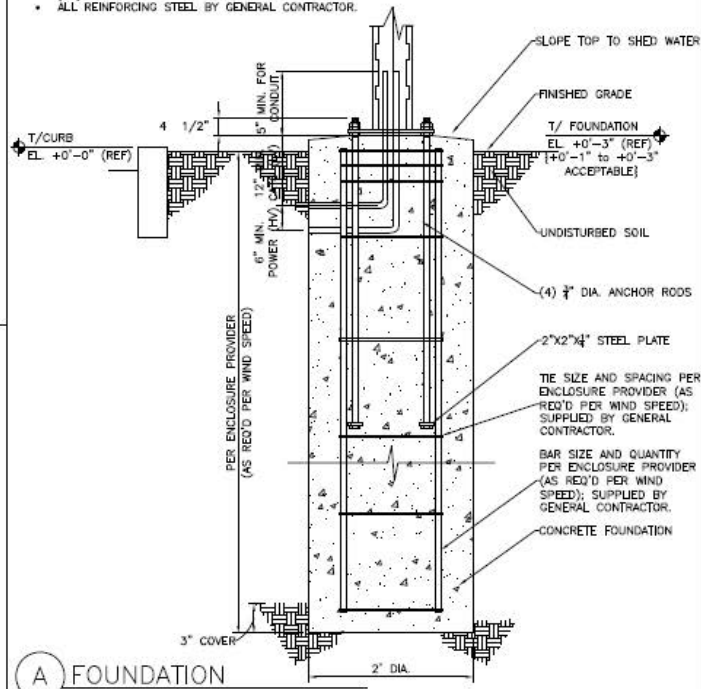
SCALE: NONE



- NOTES:
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH
  - AS DETERMINED BY LOCAL JURISDICTION.
  - TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
  - MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
  - ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



- NOTES:
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH
  - AS DETERMINED BY LOCAL JURISDICTION.
  - TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
  - MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
  - ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



7019 0140 0000 7223 3911

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.88☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

 NEEDHAM OIL CO INC  
 355 CHESTNUT ST  
 NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3942

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.88☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

 WOODCOCK REALTY  
 355 CHESTNUT ST  
 NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3959

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Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

 399 CHESTNUT LLC  
 399 CHESTNUT ST  
 NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3928

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Extra Services &amp; Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.88☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

 LINSE, LAURENCE W.  
 PO BOX 1001  
 NORTH FALMOUTH, MA 02556

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3621

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Certified Mail Fee

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Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.88☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total

\$

Sent

Street

City, State

 KRICKER, DMITY &  
 KRICKER, LARISA  
 32 JUNCTION ST, UNIT 1  
 NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7018 1830 0001 1618 5859

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Certified Mail Fee

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Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.88☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent

Street

City, State

 VETS OF FOREIGN WARS  
 20 JUNCTION ST  
 NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions



7019 0140 0000 7223 3898

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Certified Mail Fee

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Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

MBTA  
10 PARK PLAZA  
BOSTON, MA 02116

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3935

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

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Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

LONDON, CLIFF B.  
C/O NEEDHAM ENTERPRISES  
105 CHESTNUT ST # 28  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3861

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

NEEDHAM OIL COMPANY, INC.  
355 CHESTNUT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3775

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

PETRINI CORPORATION  
187 ROSEMARY  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3904

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

BEJIAN, ALEX M.  
331 CHESTNUT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3874

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, St

NEEDHAM OIL CO  
355 CHESTNUT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions



7018 1830 0001 1618 5842

U.S. Postal Service™  
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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street IRWIN, STEPHEN E. &  
IRWIN, NANCY LEE  
City, 145 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



5845 8118 1618 0001 1000 1830 0001 1618 5842

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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street TAYLOR, SEAN D. &  
D'ADDIECO, JULIE  
City, 139 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7019 0140 0000 7223 3676

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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street NOWAK, EDWARD J., JR. +  
NOWAK, JOHN A., TRS.  
City, 266 VILLAGE ST  
MILLIS, MA 02054

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



5845 8118 1618 0001 1000 1830 0001 1618 5842

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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street FORGEY, TATE F. &  
LANE, KIMBERLY  
City, 153 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7018 1830 0001 1618 5811

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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street DOWLING, JASON R &  
DOWLING, RUTH J  
City, 127 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



5825 8118 1618 0001 1000 1830 0001 1618 5825

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OFFICIAL USE

Certified Mail Fee  
\$ 3.55

Extra Services & Fees (check box, add fee as appropriate)  
☒ Return Receipt (hardcopy) \$ 2.85  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage  
\$ .50

Total Postage and Fees  
\$ 6.90

Sent  
Street CULLEN, ALEXANDER F. &  
CULLEN, LAURA V.  
City, 133 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions





7019 0140 0000 7223 3669

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street a SMITH, STEVEN B.+  
 City, St SMITH, JOY CATTANACH  
 PS For 146 LINCOLN ST  
 NEEDHAM, MA 02492



7019 0140 0000 7223 3720

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street BRIARWOOD PROPERTY LLC  
 City, St PO BOX 1030  
 PS Form 3800, April 2015 PSN 7530-02-000-9047 BRICK, NJ 08723

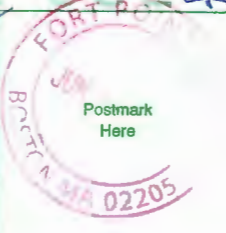


7019 0140 0000 7223 3805

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street a PETRINI, L. & SON INC  
 City, St 187 ROSEMARY ST  
 PS Form 3800, April 2015 PSN 7530-02-000-9047 NEEDHAM, MA 02494



7019 0140 0000 7223 3737

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|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Ser  
 Str MURPHY, JAMES R. &  
 City MURPHY, PATRICIA G.  
 PS 143 LINCOLN ST  
 NEEDHAM, MA 02492



7019 0140 0000 7223 3799

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street BURKE, GEORGIA A.  
 City ATT: GEORGIA BURKE-BERG  
 PS Form 3800, April 2015 PSN 7530-02-000-9047 20 GARFIELD ST  
 NEEDHAM, MA 02492



7019 0140 0000 7223 3744

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Str TTJ PROPERTIES LLC  
 City 234 R CHESTNUT ST  
 PS Form 3800, April 2015 PSN 7530-02-000-9047 NEEDHAM, MA 02492





7019 0140 0000 7223 3850

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Certified Mail Fee

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Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent

Street

City, State

MALONE, JOHN E TRUSTEE  
JOHN E. MALONE REALTY  
20 CHESTNUT ST, SUITE 4  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3829

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

PETRINI, L + SON INC  
187 ROSEMARY ST  
NEEDHAM, MA 02494

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3812

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

VTH LLC  
34 SUMMIT AVE  
BRAINTREE, MA 02184

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3843

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent

Street

City, State

MCINERNEY LLC  
42 MT VERNON AVE  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

7019 0140 0000 7223 3751

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

TRAMONTOZZI, EGIDIO TR. &  
TRAMONTOZZI, JOAN R. TR.  
20 BRIDGE ST  
NEEDHAM, MA 02494

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 0140 0000 7223 3843

# U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☒ Return Receipt (hardcopy) \$ 3.55☐ Return Receipt (electronic) \$ 2.85☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street

City, State

MCINERNEY, JEFFREY M. &  
MCINERNEY, THOMAS D.  
42 MOUNT VERNON AVE  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions



7019 0140 0000 7223 3652

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street PETRINI CORPORATION  
 187 ROSEMARY ST  
 City, State NEEDHAM, MA 02494

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street R.H.C. ASSOCIATES  
 C/O THE MCCOY RESTAURANT  
 10 JEAN AVE - UNIT 2  
 City, State CHELMSFORD, MA 01824

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street ROSENTHAL, MARC L., TR.  
 MARLYN REALTY TRUST  
 P. O. BOX 81115  
 City, State WELLESLEY, MA 02481-0001

7019 0140 0000 7223 3836

7019 0140 0000 7223 3713

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street PETRINI CORPORATION  
 187 ROSEMARY ST  
 City, State NEEDHAM, MA 02494

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street ROCHE BROS.  
 70 HASTINGS ST  
 City, State WELLESLEY, MA 02482

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|                                                               |         |
|---------------------------------------------------------------|---------|
| Certified Mail Fee                                            | \$ 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |         |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$      |
| <input type="checkbox"/> Adult Signature Required             | \$      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$      |
| Postage                                                       | \$ .50  |
| Total Postage and Fees                                        | \$ 6.90 |

Sent To  
 Street TIERNAN, RICHARD E.  
 20 MARSH ROAD  
 City, State NEEDHAM, MA 02492

7019 0140 0000 7223 3966



7019 0140 0000 7223 3690

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: SHIROKOVA, MARINA  
Street: 32 JUNCTION ST  
City: UNIT 2  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 0140 0000 7223 3614

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: CAHALANE, NOREEN M.  
Street: 32 JUNCTION ST  
City: UNIT 4  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 0140 0000 7223 3645

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: PETRINI CORPORATION  
Street: 187 ROSEMARY ST  
City: NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7018 1830 0001 1618 5798

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: MALPOCHER, ADAM R. &  
Street: MALPOCHER, KATHRYN J.  
City: 115 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 0140 0000 7223 3768

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: CHAPLIN, CHRISTINE  
Street: 32 JUNCTION ST  
City: UNIT 3  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 0140 0000 7223 3706

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|                                                               |    |      |
|---------------------------------------------------------------|----|------|
| Certified Mail Fee                                            | \$ | 3.55 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |      |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 2.85 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |      |
| <input type="checkbox"/> Adult Signature Required             | \$ |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |      |
| Postage                                                       | \$ | .50  |
| Total Postage and Fees                                        | \$ | 6.90 |

**Postmark Here**  
JUN 1 - 2020  
BOSTON MA 02205

Sent To: NKOLOLA, JOSEPH &  
Street: BANDA, MARIA  
City: 32 JUNCTION ST  
UNIT 5  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



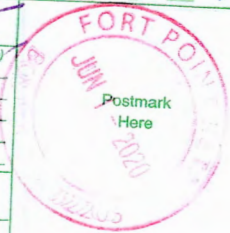
7018 1830 0001 1618 5781

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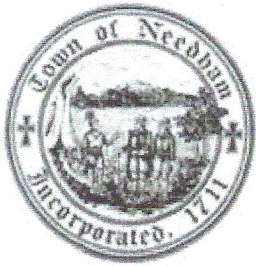
|                                                               |    |     |
|---------------------------------------------------------------|----|-----|
| Certified Mail Fee                                            | \$ | 355 |
| Extra Services & Fees (check box, add fee as appropriate)     |    |     |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$ | 280 |
| <input type="checkbox"/> Return Receipt (electronic)          | \$ |     |
| <input type="checkbox"/> Certified Mail Restricted Delivery   | \$ |     |
| <input type="checkbox"/> Adult Signature Required             | \$ |     |
| <input type="checkbox"/> Adult Signature Restricted Delivery  | \$ |     |
| Postage                                                       | \$ | 50  |
| Total Postage and Fees                                        | \$ | 690 |



Sent to  
Sire  
City, BERGERON, JOHN H. &  
THERAN, SALLY A.  
121 GRANT ST  
NEEDHAM, MA 02492

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions



## TOWN OF NEEDHAM

### DESIGN REVIEW BOARD

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

### Application and Report

Location: 168 Garden St. Date: 5-27-2020

Owner: Eaton Square Realty

Address: 1063 Great Plain Avenue Needham, MA 02492  
Street City State Zip

Telephone: 203-925-4562

Applicant: William Raveis c/o Archer Signs

Address: 316 Boston Post Rd Milford CT 06460  
Street City State Zip

Telephone: (203)-882-8484

Designer/Installer: Archer Signs

Address: 316 Boston Post Rd Milford CT 06460  
Street City State Zip

Telephone: (203)-882-8484

| Type of Application                                      |
|----------------------------------------------------------|
| <input checked="" type="checkbox"/> Sign                 |
| <input type="checkbox"/> Minor Project                   |
| <input type="checkbox"/> Exterior Alterations            |
| Major Project                                            |
| <input type="checkbox"/> - preliminary                   |
| <input type="checkbox"/> - final                         |
| <input type="checkbox"/> Flexible Subdivision            |
| <input type="checkbox"/> Planned Residential Development |
| <input type="checkbox"/> Residential Compound            |

Brief description of sign or project:

install new internally illuminated sign cabinet  
on existing pole.



CUSTOMER

**WILLIAM RAVEIS**  
REAL ESTATE • MORTGAGE • INSURANCE

PROJECT

**NEEDHAM  
MONUMENT SIGN**

**ARCHER SIGNS**

ON TARGET • EVERY TIME  
316 BOSTON POST ROAD MILFORD, CT 06460  
OFFICE (203)-882-8484 FAX (203) 882-8053

Sales Rep: BV

Date: 3/2/20

Designer: BRYAN VASSER

REVISIONS: DATE: BY:

COLOR & FINISH SPECS.

- C1** MEDIUM BLUE PMS 646
- C2** WHITE
- C3** BLACK
- C4**
- C5**
- C6**
- C7**

MATERIAL SPECS.

- M1** ALUMINUM / ILLUMINATED CABINET
- M2** 1/2" THICK PUSH THRU LETTERS
- M3** EXISTING STEEL COLUMN POLE
- M4** ALUMINUM POLE COVER
- M5** FLAT SOLAR PANELS
- M6** FABRICATED ALUMINUM TRIM
- M7**
- M8**
- M9**
- M10**
- M11**
- M12**
- M13**
- M14**
- M15**
- M16**
- M17**

**APPROVAL**

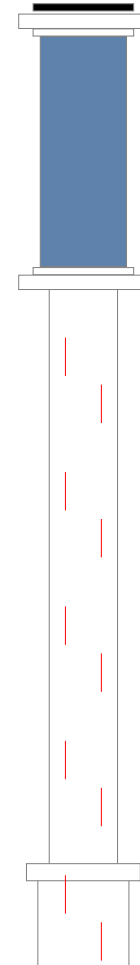
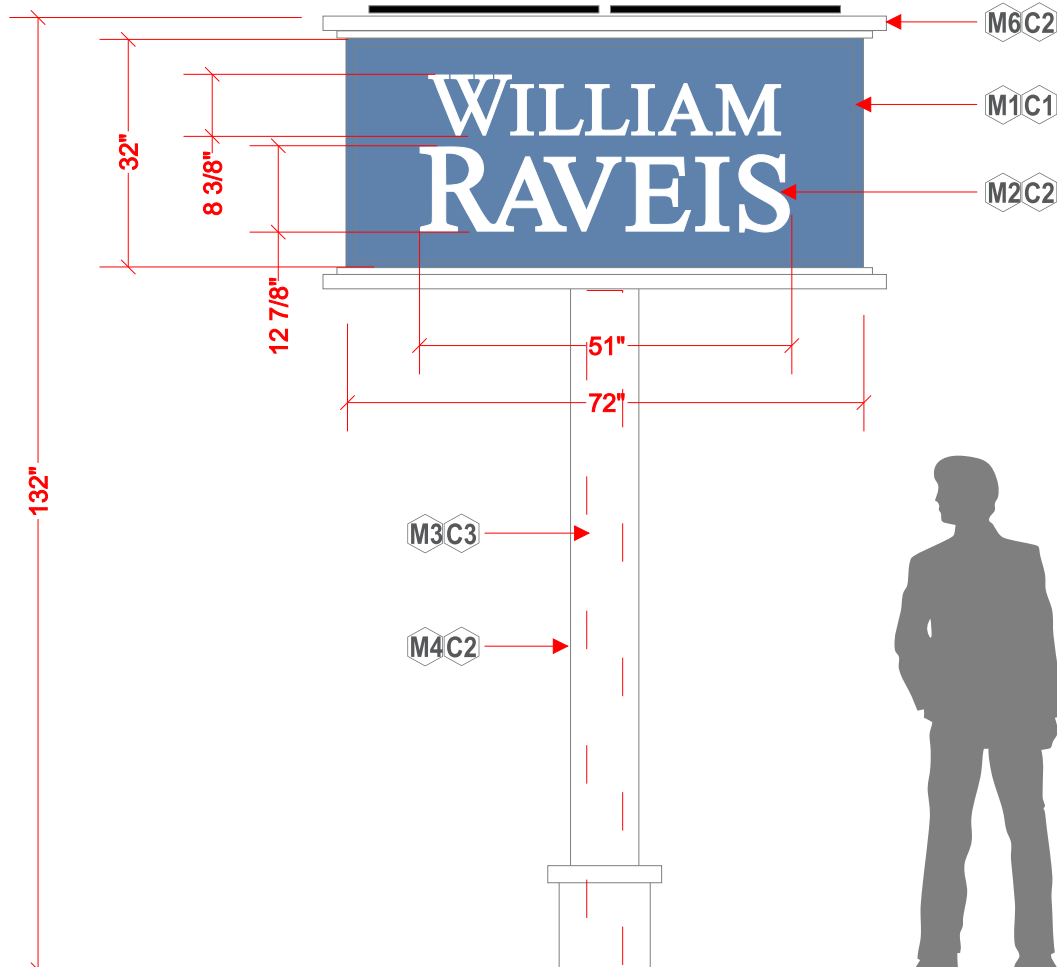
DATE: \_\_\_\_\_

PM APPROVAL: \_\_\_\_\_

WORK ORDER #: \_\_\_\_\_



TOP VIEW





# CUSTOMER

**WILLIAM RAVEIS**  
REAL ESTATE • MORTGAGE • INSURANCE

## PROJECT

**NEEDHAM  
MONUMENT SIGN**

**ARCHER SIGNS**

ON TARGET • EVERY TIME  
316 BOSTON POST ROAD MILFORD, CT 06460  
OFFICE (203)-882-8484 FAX (203) 882-8053

Sales Rep: BV

Date: 3/2/20

Designer: BRYAN VASSER

REVISIONS: DATE: BY:

|  |  |  |
|--|--|--|
|  |  |  |
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|  |  |  |

## COLOR & FINISH SPECS.

**C1** MEDIUM BLUE PMS 646

**C2** WHITE

**C3**

**C4**

**C5**

**C6**

**C7**

## MATERIAL SPECS.

**M1** ALUMINUM / ILLUMINATED CABINET

**M2** 1/2" THICK PUSH THRU LETTERS

**M3** EXISTING STEEL COLUMN POLE

**M4** ALUMINUM POLE COVER

**M5**

**M6**

**M7**

**M8**

**M9**

**M10**

**M11**

**M12**

**M13**

**M14**

**M15**

**M16**

**M17**

## APPROVAL

DATE:

PM APPROVAL:

WORK ORDER #:





## **TOWN OF NEEDHAM**

### **DESIGN REVIEW BOARD**

*Public Service Administration Building*

*500 Dedham Avenue*

*Needham, MA 02492*

### **Application and Report**

*Location:* 117 Chapel Street, Needham, MA 02492 *Date:* May 26th, 2020

*Owner:* Betsy Heffernan

*Address:* 18 Gannett Road Natick MA 01760  
*Street City State Zip*

*Telephone:* 781-223-7156

*Applicant:* Dana Thomases

*Address:* 53 Hawthorn Avenue Needham MA 02492  
*Street City State Zip*

*Telephone:* 617-312-3036

*Designer/Installer:* Fast-Shapes

*Address:* 1200 Concord Road Marlborough MA 01752  
*Street City State Zip*

*Telephone:* (617) 909-6008

| <i>Type of Application</i>                                      |
|-----------------------------------------------------------------|
| <input checked="" type="checkbox"/> <b>Sign</b>                 |
| <input type="checkbox"/> <b>Minor Project</b>                   |
| <input type="checkbox"/> <b>Exterior Alterations</b>            |
| <b>Major Project</b>                                            |
| <input type="checkbox"/> <b>- preliminary</b>                   |
| <input type="checkbox"/> <b>- final</b>                         |
| <input type="checkbox"/> <b>Flexible Subdivision</b>            |
| <input type="checkbox"/> <b>Planned Residential Development</b> |
| <input type="checkbox"/> <b>Residential Compound</b>            |

*Brief description of sign or project:*

New store sign, composed of individual letters, mounted to the brick face of the building, spelling the name of the business.

---

---

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# STORE FRONT FACADE



LETTERS MOUNTED W/1/2"IN SPACERS EXAMPLE:



FACADE SIZE: 48 sq.ft  
SIGN SIZE: 12.3 sq.ft

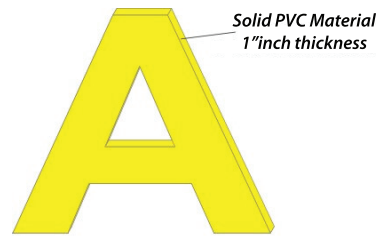
**FAST SHAPES**  
custom cnc routing services.  
(617) 909-6008  
custom3Dsign@gmail.com



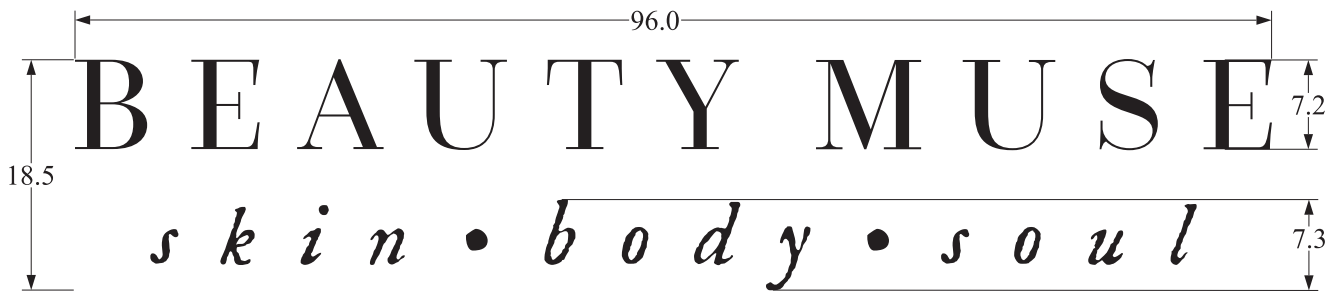
# SIGN SPECIFICATIONS

## SIGN TYPE:

- 1" thick solid PVC Letters.
- COLOR: Painted MATTE WHITE
- FACADE SIZE: 48 sq.ft
- SIGN SIZE: 12.3 sq.ft
- SIGN ELEVATION: 11' ft



Front view



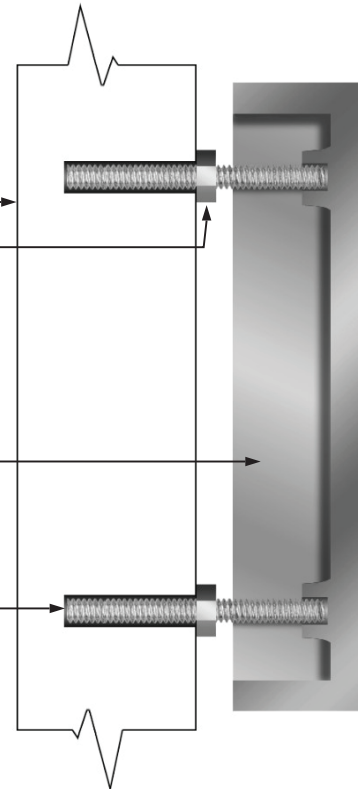
## INSTALLATION:

- Drill mounting holes on brick wall facade.
- Install PVC letters individually with threaded metal studs, 1/2" spacers and clear silicone.

BRICK FACADE  
1/2" SPACER

1" PVC LETTER

METAL STUD





**TOWN OF NEEDHAM**

**DESIGN REVIEW BOARD**

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

**Application and Report**

Location: 400 First Avenue Date: June 2, 2020

Owner: US Realty Advisors, LLC

Address: 1370 Avenue of the Americas, New York, New York. 10019  
Street City State Zip

Telephone: 212.581.4540

Applicant: Doosan Fuel Cell America, Inc.

Address: 101 East River Drive, East Hartford, CT 06074  
Street City State Zip

Telephone: 860.250.3776

Designer/Installer: Willdan Genesys Engineering

Address: 628 Fifth Ave. Bldg. 3 Suite 111 Pelham, NY 10803  
Street City State Zip

Telephone: 914.633.6490

| Type of Application                                      |
|----------------------------------------------------------|
| <input type="checkbox"/> Sign                            |
| <input type="checkbox"/> Minor Project                   |
| <input type="checkbox"/> Exterior Alterations            |
| Major Project                                            |
| <input type="checkbox"/> - preliminary                   |
| <input type="checkbox"/> - final                         |
| <input type="checkbox"/> Flexible Subdivision            |
| <input type="checkbox"/> Planned Residential Development |
| <input type="checkbox"/> Residential Compound            |

Brief description of sign or project:

Installation of a Doosan Model 400 fuel cell power plant on a structural steel platform over the loading

dock area. powerplant and associated equipment to be fully screened with screening painted

to match building envelope.





Doosan Fuel Cell America, Inc.  
101 East River Drive  
East Hartford, CT 06108

June 2, 2020

Needham Design Review Board Members  
500 Dedham Ave  
Needham, MA 02492  
Attn: Elisa Lichtman

**Via Email**

Re: Trip Advisor Fuel Cell Project  
400 First Avenue  
Needham, MA 02492

Dear Design Review Board Members:

The purpose of this letter is to provide the Design Review Board with additional information in connection with the above described project.

The proposed project will install a combined heat and power fuel cell at the TripAdvisor offices. The proposed installation consists of one Model 400® Fuel Cell produced by Doosan Fuel Cell America, Inc. in South Windsor, CT. The proposed Fuel cell project will supply the Trip Advisor building with 460 kw of clean renewable power along with up to 1.6 MMBTU of available hot water that will be used to preheat the buildings boiler return water for an overall total efficiency of up to 78% (HHV basis). The fuel cell will be installed in full compliance with NFPA 853 and all applicable state and local building codes.

The proposed fuel cell will be placed on a structural steel platform spanning the loading dock area and will be screened with an aluminum louver material to allow for proper ventilation for the fuel cell. All structural and screening materials will be painted to match adjacent building envelope color. The platform will be reached by way of a stairway with restricted access. A small equipment crane will be placed in the Southeast corner of the platform to allow for lifting tools and small equipment to the platform. The cooling module which measures Approx. 7' x 12' will be placed on 12" concrete piers on the ground level directly adjacent to the fuel tank for the existing backup generator along with Nitrogen purge gas manifold and tanks and will be screened with the same fencing materials to provide a continuous screening scheme.

The addition of the fuel cell combined heat and power system will have a positive impact on the town by reducing emissions and providing an economic benefit to a local business.

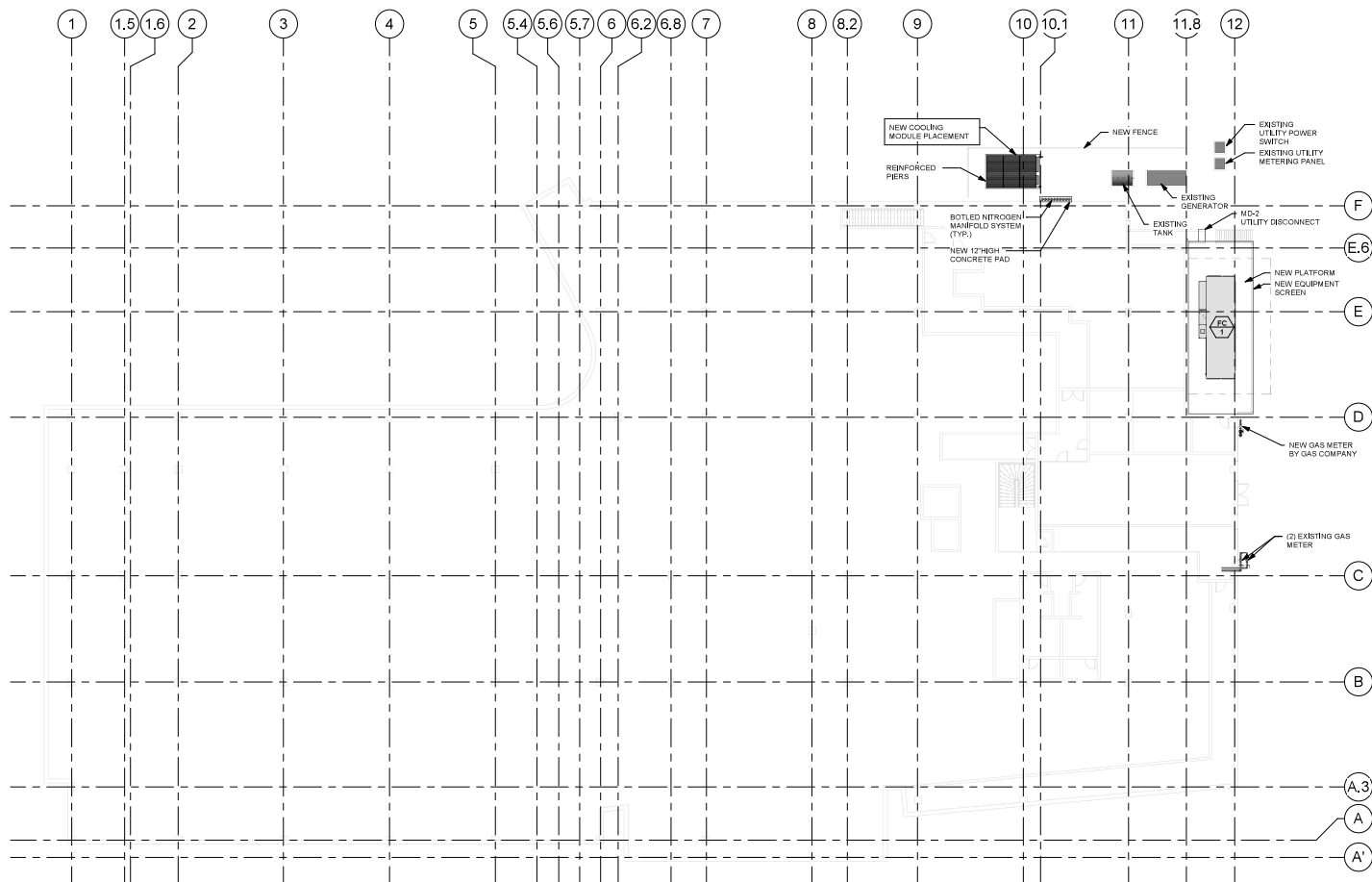


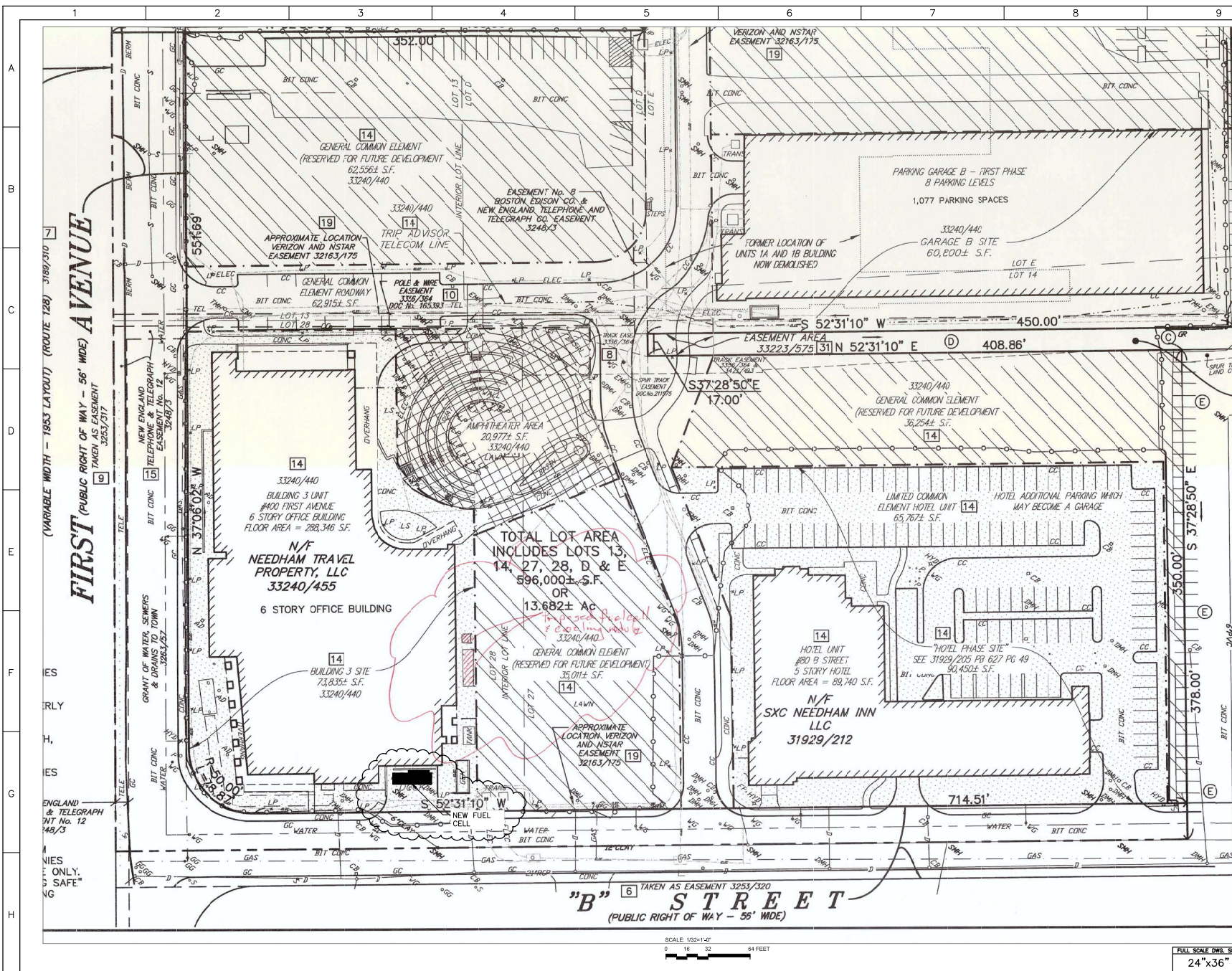
If you have any questions, please do not hesitate to contact me.

Sincerely,

Walter Bonola  
Installation Project Manager  
Doosan Fuel Cell America, Inc.





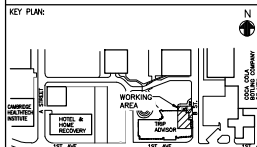


**DOOSAN**

CLIENT  
DOOSAN FUEL CELL

PROJECT NAME  
TRIP ADVISOR  
FUEL CELL INSTALLATION  
400 1ST AVE, NEEDHAM, MA 02494

KEY PLAN

[illegible]

**Genesys**  
Engineering P.C.

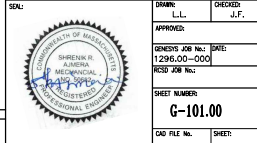
629 Fifth Avenue Bldg 3, Suite 111  
Pelham, New York 10803  
TEL (914) 633-6490 FAX (914) 633-6951

PELHAM, NY • KINGSTON, NY

**STRUCTURAL**  
**RST** Technical  
Services, LLC  
101 FELLOWSHIP ROAD  
UNIT 43  
UWCHLAND, PA 19460

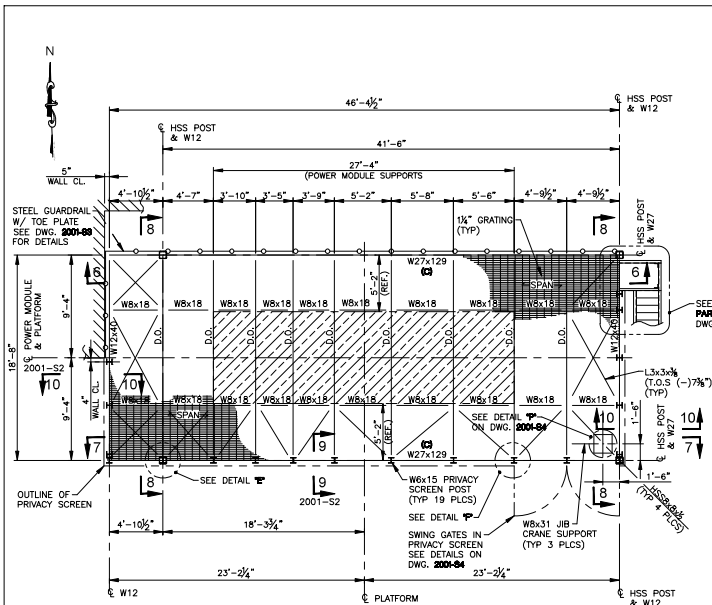
DRAWING TITLE  
**LAND SURVEY**

DRAWING SCALE



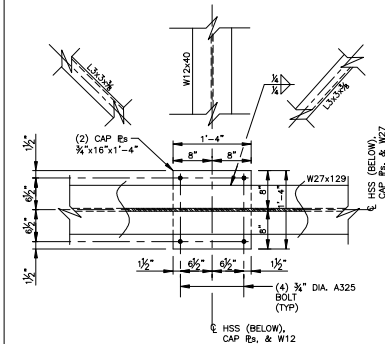




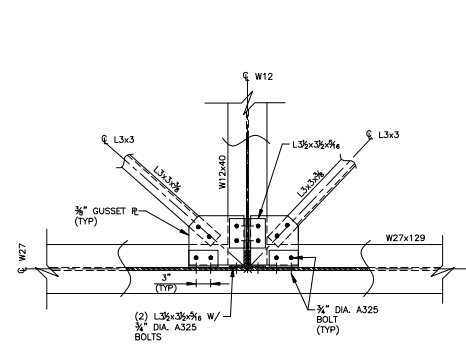


POWER MODULE SUPPORT PLATFORM  
PLAN @ EL. 20'-0"  
(T.O.S. (-) 1/2" U.N.O.)  
SCALE: 3/8"=1'-0"

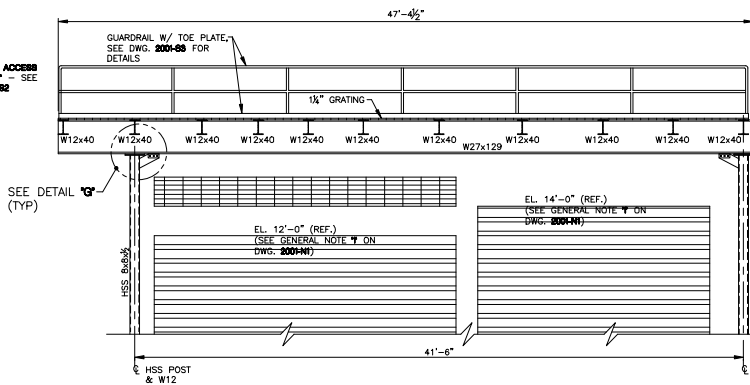
NOTES:  
1. "C" INDICATES THAT THE W27 BEAM SHALL BE FABRICATED WITH A 3/4" UPWARD CAMBER.



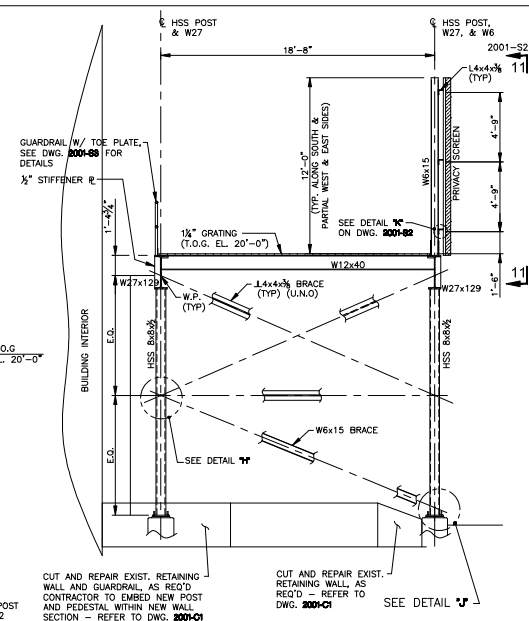
DETAIL E  
SCALE: 1"=1'-0"



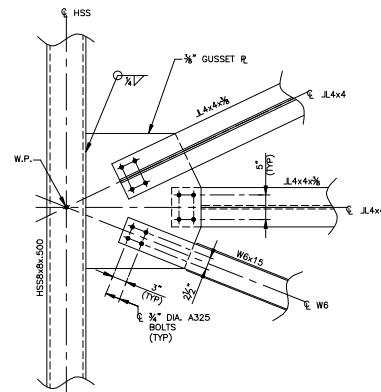
DETAIL F  
SCALE: 1"=1'-0"



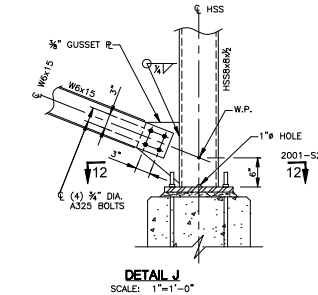
SECTION 8-6  
SECTION 7-7 (OPPOSITE HAND) (SIMILAR)  
SCALE: 1/2"=1'-0"



SECTION 8-8  
SCALE: 1/2"=1'-0"

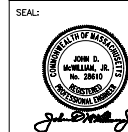


DETAIL H  
SCALE: 1"=1'-0"



DETAIL J  
SCALE: 1"=1'-0"

NOTES:  
1. WORK WITH DWGS. 2001-N1, 2001-C1, 2001-S2, 2001-S3, & 2001-S4.



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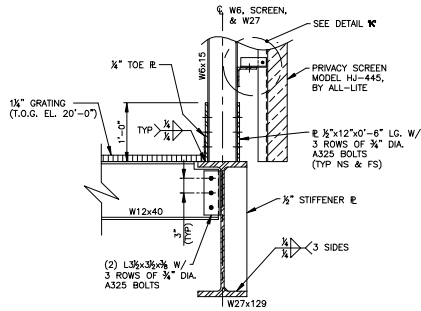
| REVISION |         |                         |
|----------|---------|-------------------------|
| NO.      | DATE    | DESCRIPTION             |
| 0        | 2/21/20 | ISSUED FOR REVIEW       |
| 1        | 3/27/20 | ISSUED FOR CONSTRUCTION |
|          |         |                         |
|          |         |                         |
|          |         |                         |

DRAWN BY: M. SCHULER CHECKED BY: R. TIMER APPROVED BY: J. MCWILLIAM

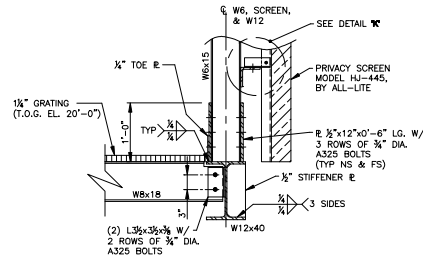
TITLE  
**TRIP ADVISOR - NEEDHAM, MA  
POWER MODULE SUPPORT  
STRUCTURE - PLAN, SECTIONS, &  
DETAILS**

DRAWING NUMBER:  
**2001-S1**

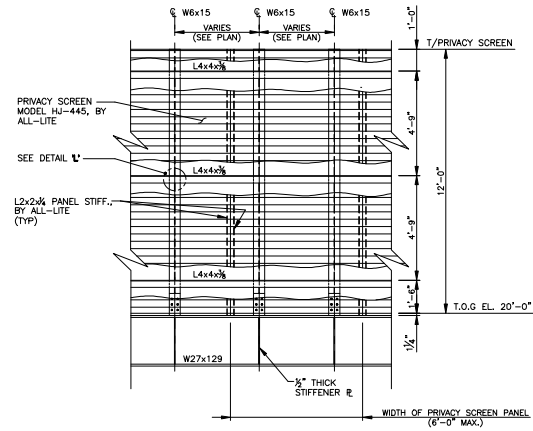




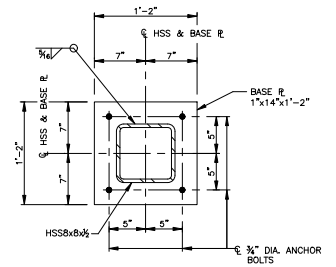
**SECTION 9-9**  
(DWG. 2001-S1)  
SCALE: 1"=1'-0"



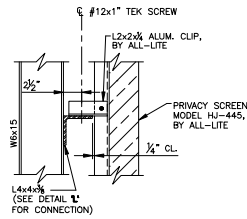
**SECTION 10-10**  
(DWG. 2001-S1)  
SCALE: 1"=1'-0"



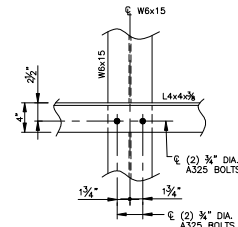
**SECTION 11-11**  
(DWG. 2001-S1)  
SCALE: 3/8"=1'-0"



**SECTION 12-12**  
(DWG. 2001-S1)  
SCALE: 1/8"=1'-0"



**DETAIL K**  
(TYPICAL PRIVACY SCREEN CONNECTION)  
SCALE: 1/8"=1'-0"



**DETAIL L**  
(TYPICAL PRIVACY SCREEN CONNECTION)  
SCALE: 1/8"=1'-0"

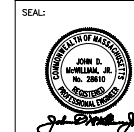
**NOTES:**

1. WORK WITH DWGS. 2001-N1, 2001-C1, 2001-S1, 2001-S3, & 2001-S4.

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| REVISION |         |                         |
|----------|---------|-------------------------|
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|          |         |                         |
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DRAWN BY: M. SCHULER  
CHECKED BY: R. TIMER  
APPROVED BY: J. MCWILLIAM



TITLE  
**TRIP ADVISOR - NEEDHAM, MA  
POWER MODULE SUPPORT  
STRUCTURE - SECTIONS &  
DETAILS**

DRAWING NUMBER:  
**2001-S2**





