

DESIGN REVIEW BOARD
Monday, September 9, 2024
7:30 p.m.

Virtual Meeting using Zoom
Meeting ID: 845-1987-6965
(Instructions for accessing below)

Under Governor Baker's Act "Extending Certain COVID-10 Measures Adopted During the State of Emergency", extending the "Executive Order Suspending Certain Provisions of the Open Meeting Law G.L. c. 30A, S20," issued June 16, 2021, and extended several times again through 2025, meeting of public bodies could be conducted virtually provided that adequate access is provided to the public.

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. 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 click "Join a Meeting" and enter the following ID: 845-1987-6965

HEARINGS:

Public notice is hereby given that SKY CANDLE, located at 1096 Great Plain Ave., has made application to the Design Review Board for a Special Permit pursuant to the Sign By-Law Section 5.3.4 (Special Permits) whereas the application is for a second additional wall sign of 9.4 square feet and a third emblem style sign of 2.7 square feet when only one sign is allowed by Section 5.5.3.1.a. (allowable number of signs). and any other applicable sections of the By-law.

APPLICANTS:

Pamela Jagiello, Signs by J, representing the Needham School Administration Building located at 1330 Highland Avenue and applying for graphic signage.

Steve Schwede, FastSigns, representing Soni Kim, owner of 117-119 Chestnut Street and applying for signage.

Jason White, RSL Architect, representing Dedham Savings Bank to be located at 695 Highland Avenue and applying for site plan review.

Downtown Redesign Working Group – DRB participation discussion.

REVIEW

Minutes of 8/29/2024 meeting.

Next Public Meeting – September 23, 2024 at 7:30pm via Zoom Webinar



Customer:	<i>Sky Candle</i>	
Company:		
Address:	<i>1096 Great Plain Avenue</i>	
City:	<i>Needham</i>	State/ZIP: <i>MA</i>
Phone:		
Fax:		

Signarama
130 Wood Rd,
Braintree, MA 02184
(781) 849-1181

Job No.:	Date:	<i>08/25/2024</i>
Order Date:	Salesperson:	<i>Pam Jagiello</i>
Sign Dimensions:	Estimate:	
Comments:		

Page 5 of 5



TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

Application and Report

Property Location: 1096 Great Plain Ave. Date: 8/19/24
Owner: P+P Realty Trust c/o Peter + Paul Katsikaris
Address: 15 Manor Ave., Wellesley, MA 02482
Telephone: 781

Applicant: Sky Candle c/o Pamela Jagello
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855

Designer/Installer: Michael Cohen c/o Signs by J, Inc.
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855

Type of Application
☒ Sign
☐ Minor Project
☐ Exterior Alterations
Major Project (Site Plan Review)
☐ - preliminary
☐ - final
☐ Flexible Subdivision
☐ Planned Residential Development
☐ Residential Compound

Brief description of sign or project:

One, flat wall sign 23 1/2" high x 10.5" wide (Sign)
On Great Plain (North) facing side.

Black blk, white letters "SKY CANDLE CO." with
white inline stripe. Direct printed onto
aluminum composite panel.



GRAY IS TO REPRESENT GLASS. THIS WILL NOT PRINT.

Sign A

Install one 23.5" high x 125" wide, 1/4" thick composite aluminum sign with direct print white SKYCANDLE CO. and border on black background.

Sign D

Remove existing window lettering and reletter two windows with overall 8.25" x 35" name and website. All white.



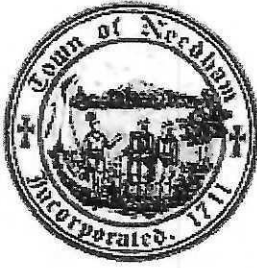
Great Plain Ave side

Signarama
130 Wood Rd,
Braintree, MA 02184
(781) 849-1181

Job No.	Date: 08/25/2024
Order Date:	Salesperson: Pam Jagiello
Sign Dimensions:	Estimate:
Comments:	

Page 1 of 5

Customer: Sky Candle
Company:
Address: 1096 Great Plain Avenue
City: Needham State: MA
Phone:
Fax:



TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building
500 Dedham Avenue
Needham, MA 02492
Application and Report

Property Location: 1096 Great Plain Ave. Date: 8/19/24
Owner: P+P Realty Trust c/o Peter + Paul Katsikaris
Address: 15 Manor Ave., Wellesley, MA 02482
Telephone: _____
Street City State Zip

Applicant: Sky Candle c/o Pamela Jagiello
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

Designer/Installer: Michael Cohen c/o Signs by J, Inc.
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

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(Sign B)

Brief description of sign or project:

One 20" x 20" round sign, flat, black
background with white candle logo.
Direct printed onto aluminum composite
panel. Located over main entrance
door.

Please email completed application to elitchman@needhamma.gov



GRAY IS TO REPRESENT GLASS. THIS WILL NOT PRINT.

Sign B

Install one 20" diameter, 1/4" thick aluminum composite panel with white direct print candle graphic on black background.

Sign E

Remove existing lettering from front entry door with reletter white vinyl die cuts 6.59" high x 16" wide overall.



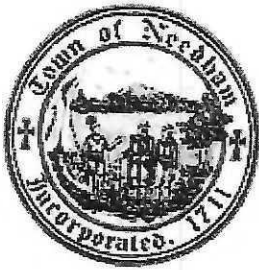
Corner Great Plain and Maple

Signarama
130 Wood Rd,
Braintree, MA 02184
(781) 849-1181

Job No.	Date: 08/25/2024
Order Date:	Salesperson: Pam Jagiello
Sign Dimensions:	Estimate:
Comments:	

Page 2 of 5

Customer: Sky Candle
Company:
Address: 1096 Great Plain Avenue
City: Needham State: MA
Phone:
Fax:



TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building
500 Dedham Avenue
Needham, MA 02492
Application and Report

Property Location: 1096 Great Plain Ave. Date: 8/19/24
Owner: P+P Realty Trust c/o Peter + Paul Katsikaris
Address: 15 Manor Ave., Wellesley, MA 02482
Telephone: _____
Street City State Zip

Applicant: Sky Candle c/o Pamela Jagiello
Address: 100 Tenean St., Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

Designer/Installer: Michael Cohen c/o Signs by J, Inc.
Address: 100 Tenean St., Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

Type of Application
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Brief description of sign or project:

One, flat wall sign 15.98" high x 85" wide
on Maple St., side (west) Black bkg with
white letters, "SKY CANDLE CO." with white inline
stripe. Aluminum composite panel direct
printed.



GRAY IS TO REPRESENT GLASS. THIS WILL NOT PRINT.

Sign C

Install one 15.98" high x 85" wide, 1/4" thick aluminum composite panel with direct print white lettering and border, SKY CANDLE CO. on black background.

Sign D

Remove existing window lettering and install new, 8.25" high x 35" wide, all white, name and website.

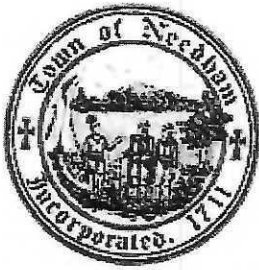


Maple Street side

Signarama
130 Wood Rd,
Braintree, MA 02184
(781) 849-1181

Job No.:	Date:	08/25/2024
Order Date:	Salesperson:	Pam Jagiello
Sign Dimensions:	Estimate:	
Comments:	Page 3 of 5	

Customer:	Sky Candle	
Company:		
Address:	1096 Great Plain Avenue	
City:	Needham	State/ZIP: MA
Phone:		
Fax:		



TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building
500 Dedham Avenue
Needham, MA 02492
Application and Report

Property Location: 1096 Great Plain Ave. Date: 8/19/24
Owner: P+P Realty Trust c/o Peter + Paul Katsikaris
Address: 15 Manor Ave., Wellesley, MA 02482
Telephone: _____
Street City State Zip

Applicant: Sky Candle c/o Pamela Jagiello
Address: 100 Tenean St., Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

Designer/Installer: Michael Cohen c/o Signs by J, Inc.
Address: 100 Tenean St., Dorchester MA 02122
Telephone: 617 825 9855
Street City State Zip

Type of Application	
☒	Sign
☐	Minor Project
☐	Exterior Alterations
☐	Major Project (Site Plan Review)
☐	- preliminary
☐	- final
☐	Flexible Subdivision
☐	Planned Residential Development
☐	Residential Compound

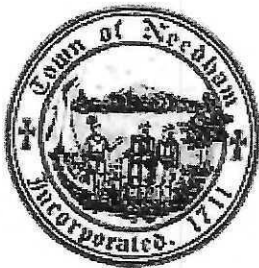
(Sign D)
Windows

Brief description of sign or project:

Assorted window lettering 8 1/4" high x 35"
wide, SKY CANDLE CO., with website
face-on, all white.

Please email completed application to elitchman@needhamma.gov

2 - North side (Great Plain facing.)
1 - West side (Maple St.)



TOWN OF NEEDHAM

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500 Dedham Avenue
Needham, MA 02492
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Owner: P+P Realty Trust c/o Peter + Paul Katsikaris
Address: 15 Manor Ave., Wellesley, MA 02482
Telephone: _____

Applicant: Sky Candle c/o Pamela Jagiello
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855

Designer/Installer: Michael Cohen c/o Signs by J, Inc.
Address: 100 Tenean St, Dorchester MA 02122
Telephone: 617 825 9855

Type of Application
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☐ Planned Residential Development
☐ Residential Compound

(Sign E)
door letters

Brief description of sign or project:

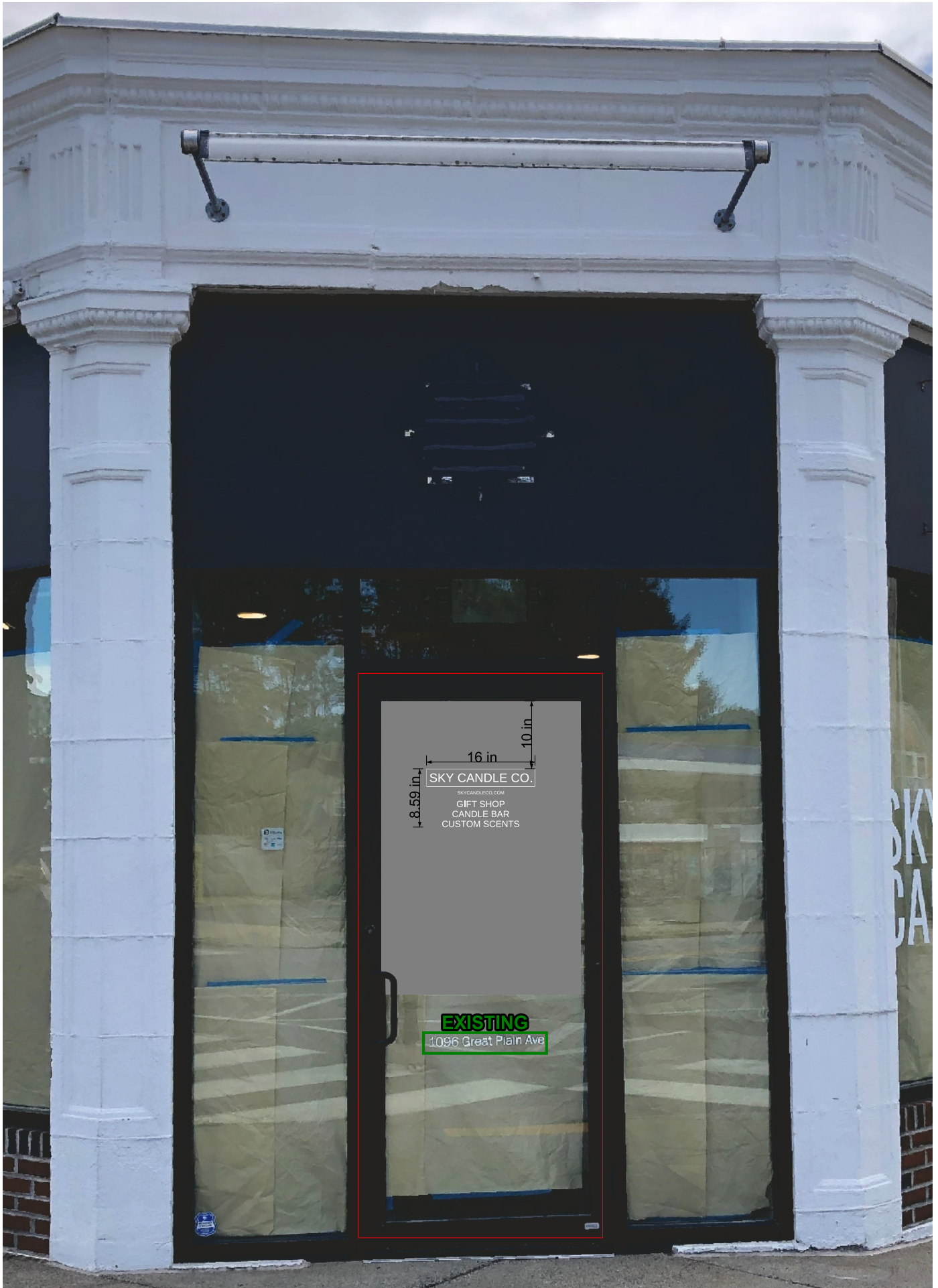
Letter front entry door with white vinyl
die cut lettering 8.59" high x 16" wide
SKYCANDLE Gift Shop, Candle bar + Custom
Scents.

Please email completed application to elitchman@needhamma.gov

Qty. 1

FIRST SURFACE (Applied To Face Of Glass)

White Premium Vinyl



GRAY IS TO REPRESENT GLASS. THIS WILL NOT PRINT.



Customer:	Sky Candle		
Company:			
Address:	1096 Great Plain Avenue		
City:	Needham	State/ZIP:	MA
Phone:			
Fax:			

Signarama
130 Wood Rd,
Braintree, MA 02184
(781) 849-1181

Job No.:	Date:	08/25/2024	
Order Date:	Salesperson:	Pam Jagiello	
Sign Dimensions:	Estimate:		
Comments:			

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TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building
500 Dedham Avenue
Needham, MA 02492
Application and Report

Property Location: 1330 Highland Ave. **Date:** 8/19/24
Owner: Town of Needham (School Admin)
Address: 1330 Highland Ave. Needham MA 02492
Street City State Zip
Telephone: 781-455-0400

Applicant: Pamela Jaguello c/o Signs by J, Inc.
Address: 100 Tenean St., Dorchester MA 02122
Street City State Zip
Telephone: 617 825 9855

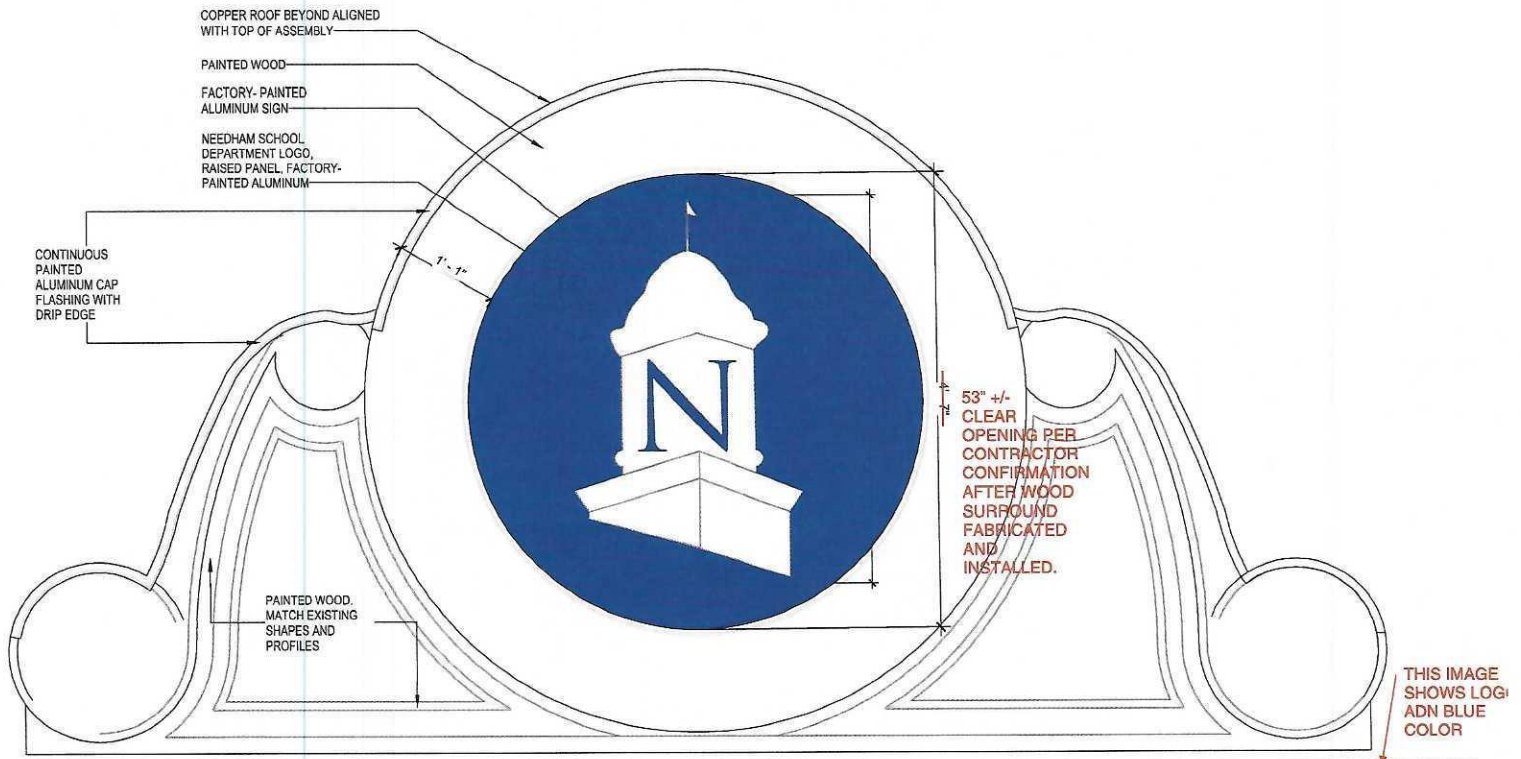
Designer/Installer: Signs by J, Inc.
Address: 100 Tenean St., Dorchester MA 02122
Street City State Zip
Telephone: 617 825 9855

Type of Application
☒ Sign
☐ Minor Project
☐ Exterior Alterations
Major Project (Site Plan Review)
☐ - preliminary
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☐ Residential Compound

Brief description of sign or project:

Install one 53" diameter aluminum
panel onto wood background, blue
background w/ white "N" logo.

Please email completed application to elitchman@needhamma.gov



Detail Elevator at West Dormer Top
1" = 1'-0"

DISREGARD NOTES FOR WOOD CIRCLE AND SCROLL. WOOD IS IN PLACE. THIS DRAWING IS ISSUED TO CLARIFY CIRCLE SIZE AND RELATIVE CUPOLA DIMENSION.

SKA-053c
Exterior Graphics
4.26.24

p. 3 of 4



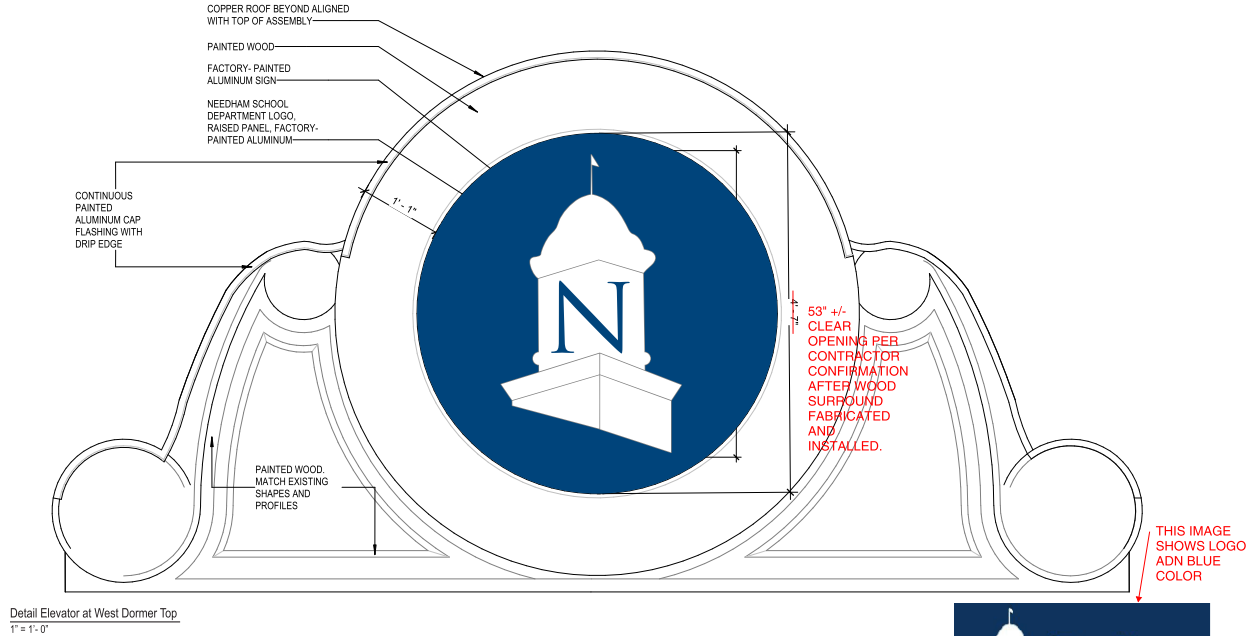
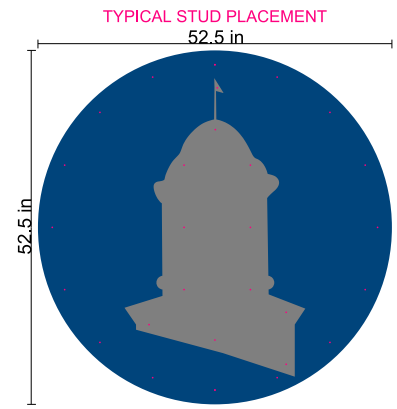
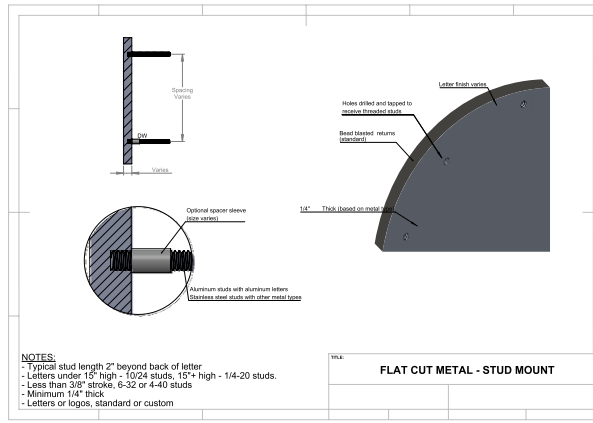
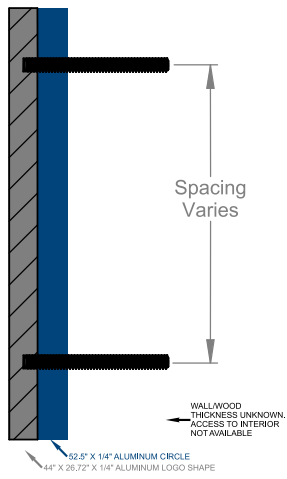
EXTERIOR BUILDING GRAPHICS- DRAFT
sheet 05

Mary Grover Renovations
Argmann Hendrie + Archetype 9 Channel Center Street Boston, MA 02210 10/16/2023
398.03 Project Graphic Options*

DETAIL OF FORMER CLOCK AREA: LOGO



CROSS SECTION



DISREGARD NOTES FOR WOOD CIRCLE AND SCROLL. WOOD IS IN PLACE. THIS DRAWING IS ISSUED TO CLARIFY CIRCLE SIZE AND RELATIVE CUPOLA DIMENSION.

SKA-053c
Exterior Graphics
4.26.24

p. 3 of 4



EXTERIOR BUILDING GRAPHICS- DRAFT
Sheet 05

Emery Grover Renovations
Bargmann Hendrie + Archetype 9 Channel Center Street Boston, MA 02210 10/16/2023
"3398.03 Project Graphic Options"

DETAIL OF FORMER CLOCK AREA: LOGO





TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

Application and Report

Location: 117-119 Chestnut Street Date: 8/30/24

Owner: 117 Chestnut Street Holding LLC

Address: Somi Kim, 117 Chesnut St, Needham, MA 02492
Street City State Zip

Telephone: 413-687-1209

Applicant: Fastsigns Needham

Address: 15 Kearney Road, Needham, MA 02494
Street City State Zip

Telephone: 781-444-4889

Designer/Installer: FASTSIGNS OF NEEDHAM

Address: 15 Kearney Road, Needham, MA 02494
Street City State Zip

Telephone: 781-444-4889

Type of Application
☐ Sign
☐ Minor Project
☐ Exterior Alterations
Major Project
☐ - preliminary
☐ - final
☐ Flexible Subdivision
☐ Planned Residential Development
☐ Residential Compound

Brief description of sign or project:

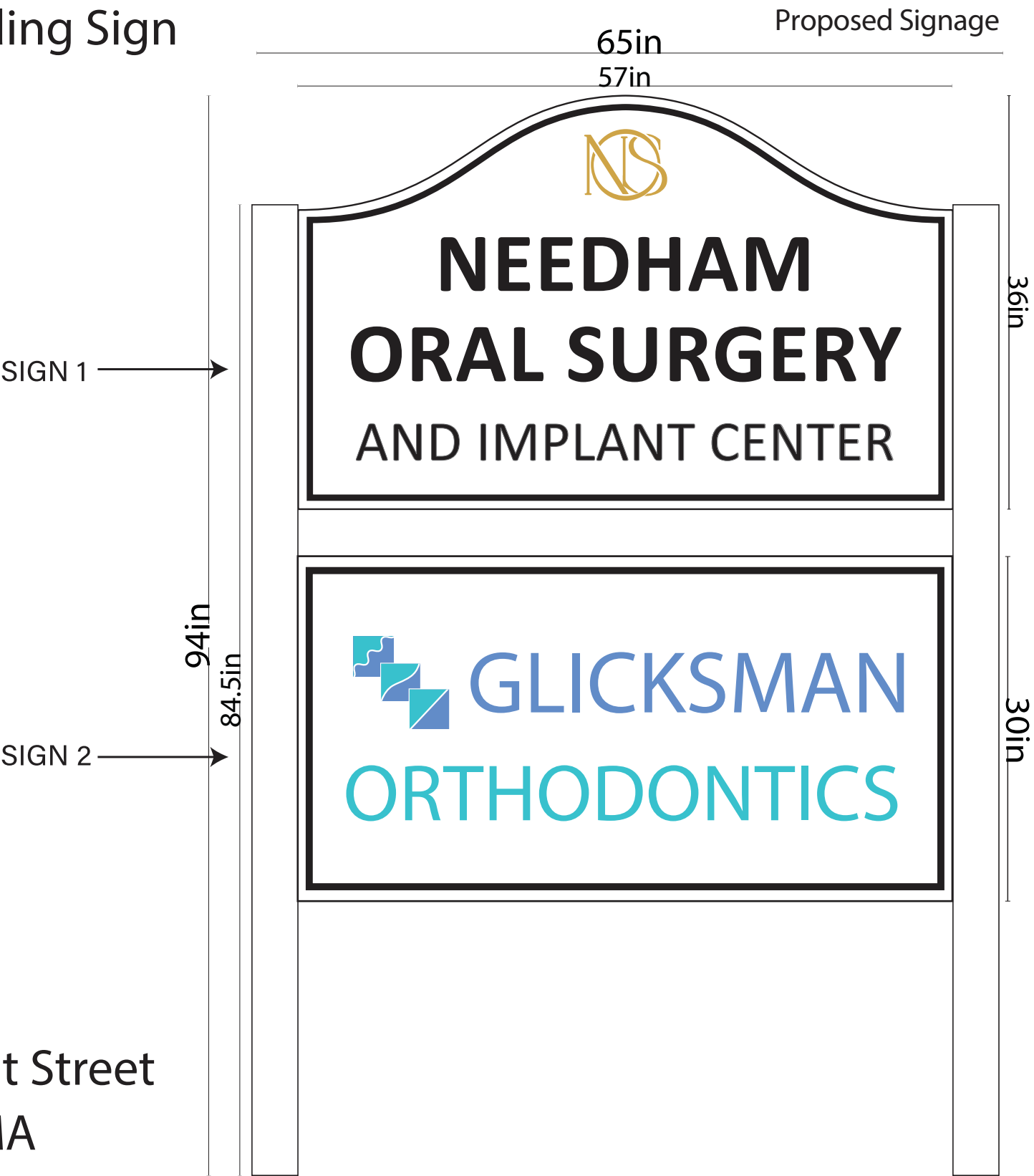
Post & panel sign for the building of 2 tenants. Constructed of 1/4" Aluminum composite

material, with white aluminum posts. To read - NEEDHAM ORAL SURGERY AND IMPLANT

CENTER. and GLICKSMAN ORTHODONTICS. 2 Sided.

11B Second Ave Needham, MA 02494 Tel 781-444-4889 Fax 781-444-8577 • 310@fastsigns.com

Primary Building Sign



117 Chestnut Street
Needham, MA

Proposed Signage

Building Sign

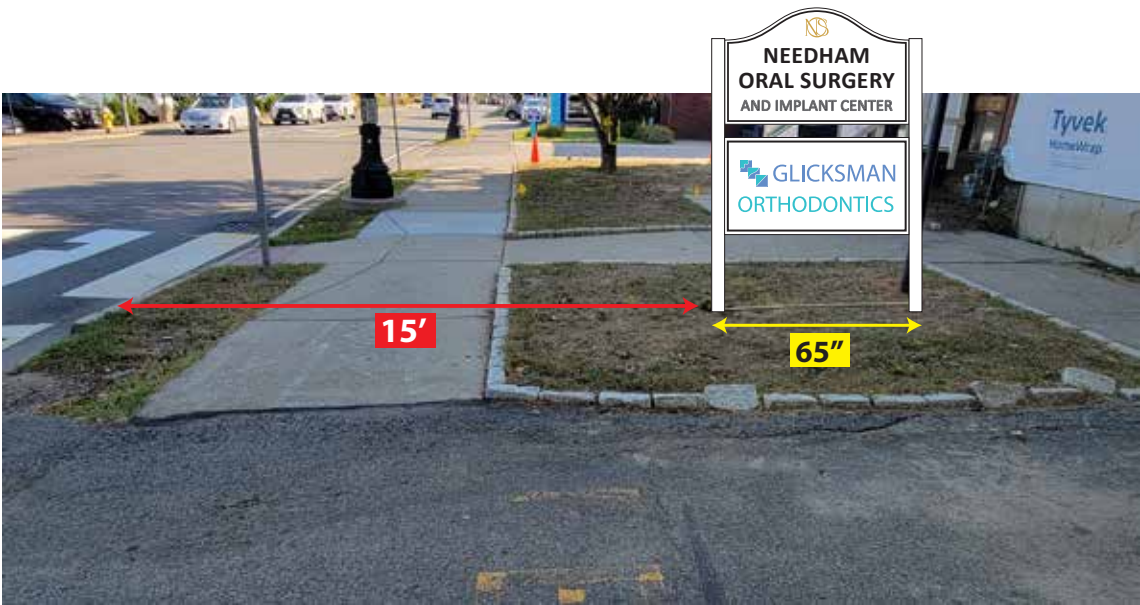
Overall Height: 7'10"
Overall Width: 5'5"

SIGN 1: 57" wide x 36" tall
Font: Calibri (Bold + Regular)
"N" Letter Height: 4.7"
"A" Letter Height: 3.2"

SIGN 2: 57" wide x 30" tall
"G" Letter Height: 5.27"

SIGNS: Max Metal ACM

POSTS: Metal Square White
10 ft tall, 3' in ground w/cement





TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building

500 Dedham Avenue

Needham, MA 02492

Application and Report

Location: 117-119 Chestnut Street Date: 8/30/24

Owner: 117 Chestnut Street Holding LLC

Address: Somi Kim, 117 Chesnut St, Needham, MA 02492
Street City State Zip

Telephone: 413-687-1209

Applicant: Fastsigns Needham

Address: 15 Kearney Road, Needham, MA 02494
Street City State Zip

Telephone: 781-444-4889

Designer/Installer: FASTSIGNS OF NEEDHAM

Address: 15 Kearney Road, Needham, MA 02494
Street City State Zip

Telephone: 781-444-4889

Type of Application
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Major Project
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☐ Residential Compound

Brief description of sign or project:

Building sign. Constructed of 1/8" Aluminum composite material, attached to wall with screws.

To read - NEEDHAM ORAL SURGERY AND IMPLANT CENTER.

and GLICKSMAN ORTHODONTICS. This sign faces intersection of Chestnut & School sts.

11B Second Ave Needham, MA 02494 Tel 781-444-4889 Fax 781-444-8577 • 310@fastsigns.com

Proposed Signage



24" wide x 30" tall
Max Metal ACM Building Sign

Font: Calibri (Bold + Regular)
"N" Letter Height: 2"
"117" Height: 1.4"
"G" Height: 2"

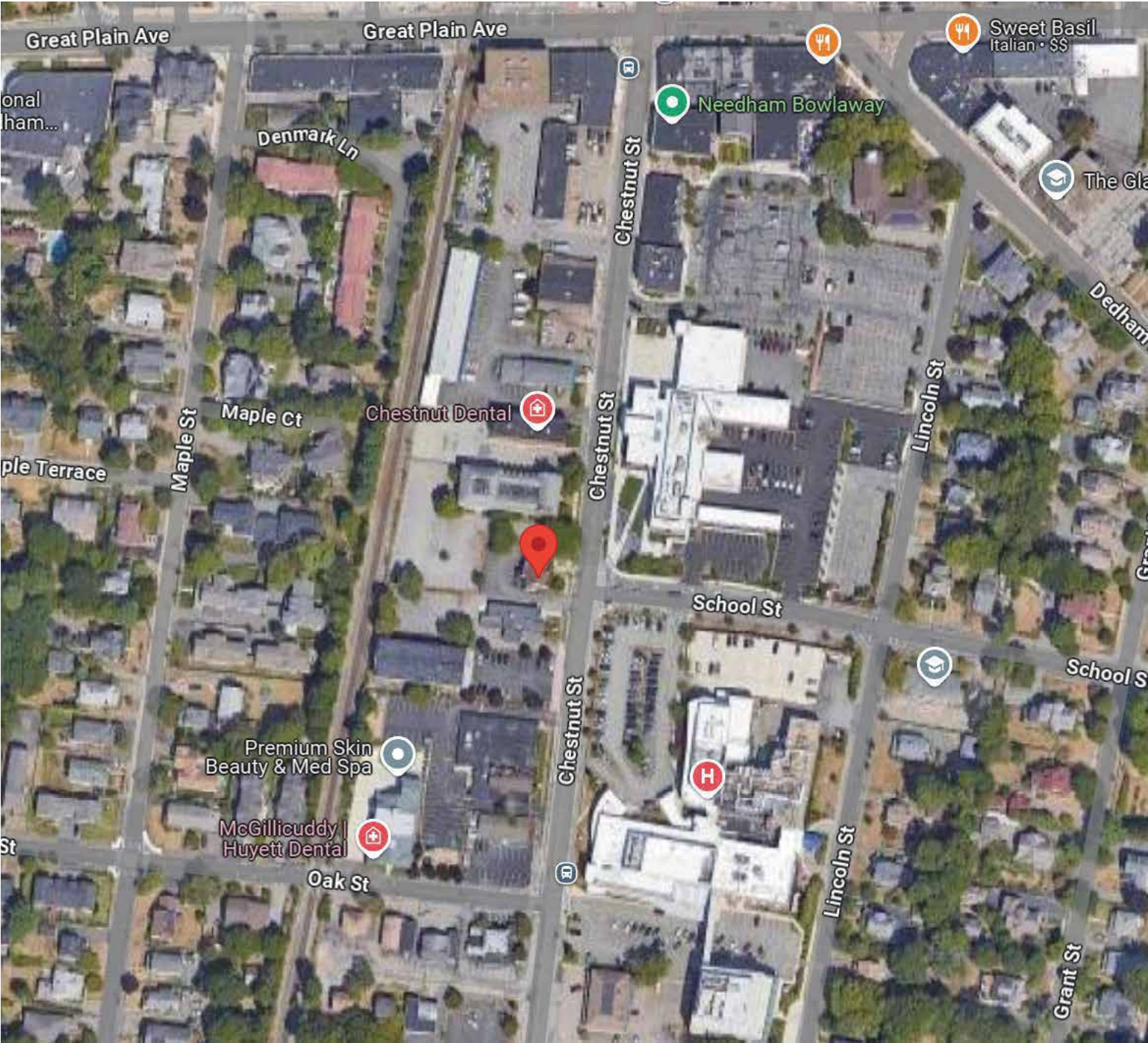


117 Chestnut Street
Needham, MA

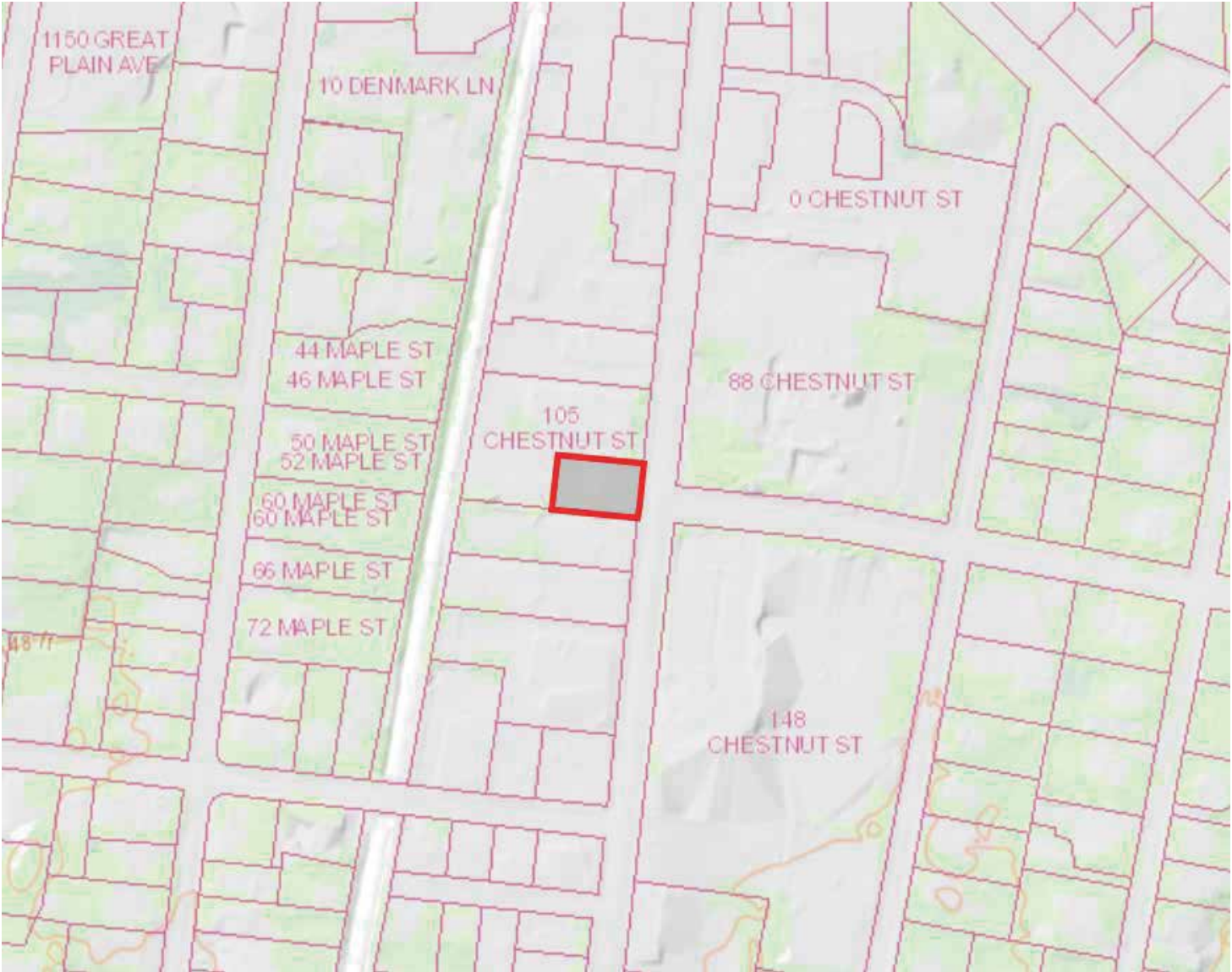
11B Second Ave Needham, MA 02494 Tel 781-444-4889 Fax 781-444-8577 • 310@fastsigns.com

Aerial View

Aerial View



Assessors Map



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11B Second Ave Needham, MA 02494 Tel 781-444-4889 Fax 781-444-8577 • 310@fastsigns.com

Neighborhood Signage

117-199 Chestnut St



Building to right



Building to left



Across the street



Right down the street



Left down the street



117 Chestnut Street
Needham, MA

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TOWN OF NEEDHAM

DESIGN REVIEW BOARD

Public Service Administration Building
500 Dedham Avenue
Needham, MA 02492
Application and Report

Property Location: 695 Highland Avenue **Date:** 09/05/2024

Owner: The Barchester Corporation / Joseph Seravalli (Title Policy & Agent Authorization attached)

Address: 3234 Riverview Lane, Daytona Beach, FL 32218
Street City State Zip
Telephone: 386.788.8831 Email: joe@barchestercorp.com

Applicant: DEI Incorporated/Jennifer King

Address: 1550 Kemper Meadow Drive, Cincinnati, OH 45240
Street City State Zip
Telephone: 513.699.4718 Email: jking@dei-corp.com

NOTE: Architect - Installer to be contracted when approvals are received.

Designer/Installer: RSL Commerical Architecture / Jason White

Address: 8927 Rossash Road, Suite A, Cincinnati, OH 45236
Street City State Zip
Telephone: 513.891.9950 Email: jwhite@rslarch.com

Type of Application
☐ Sign
☐ Minor Project
☒ Exterior Alterations
Major Project (Site Plan Review)
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☐ - final
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☐ Planned Residential Development
☐ Residential Compound

Brief description of sign or project:

Rework drive-thru to include new concrete island, concrete curbing and sidewalk, new landscape area, parking lot restriping,

new drive-thru column, exterior brick to be painted, new storefront, windows, drive-thru wall repair, new EIFS on front facade and in drive-thru aluminum canopy over main entry etc. See attached Scope of Work.

Please email completed application to elitchman@needhamma.gov



DEDHAM SAVINGS

Branch Renovation
695 Highland Avenue
Needham, MA 02492

SELECTIVE EXTERIOR DEMOLITION

Selective building demolition includes:

1. Exterior aluminum storefront entry doors and adjacent storefront glazing.
2. (3) exterior aluminum storefront windows.
3. Exterior stucco above aluminum storefront entry.
4. The exterior wall below the aluminum storefront entry.
5. Existing curb, walk, and steps at front.
6. Existing concrete stair landing at west egress.
7. Existing ATM surround at drive through.
8. Rough opening to be prepared for new BR glass window at drive through.
9. All roof coping.
10. Portion of existing drive through pavement to be removed to allow for modified drive through curb.
11. Portion of existing pavement to be removed at north parking lot to allow for landscape area.
12. Existing bollards at drive through.
13. Existing panels on face of drive through canopy.
14. Existing drive through ceiling and lighting.

SITE WORK

Site work is based on the following:

1. A new concrete island and foundation will be constructed approximately 2' away from the existing concrete island in the drive through.
2. Existing concrete island and columns to be demolished once new island and structure are in place.
3. Drive through lane to be patched after island demo.
4. Concrete curb at first drive through lane to be cut back to help circulation.
5. Existing asphalt lot to be seal coated.
6. Parking lot will be restriped in areas to allow for new traffic pattern.
7. Concrete landing and steps at northwest egress to be removed and reconfigured. New painted metal railing to be installed.
8. Concrete steps at southwest end of front sidewalk to be removed.
9. New concrete sidewalk and curb to extend across front of building with (1) ADA ramp.
10. New exterior signage to include (1) internally illuminated building sign, refacing the existing pylon sign, (2) graphic images installed on the front face of the building, and (1) non-illuminated building sign near the rear of the building facing Webster St.
11. A new landscape area will be introduced at the north end of the lot off of Putnam Street to facilitate site circulation.
12. The existing pylon sign will remain. The acrylic faces of the sign will be placed with new logo signage.

EXTERIOR WALL

The exterior wall is based on the following:

1. Exterior perimeter walls will remain.
2. New structural steel columns and beams to be erected around the main entry to support the new façade.
3. (2) new steel columns and beam to be erected at drive through to be support expanded drive through canopy.
New steel to be tied to existing structure in the canopy.
4. (2) drive through columns will be wrapped with brick and EIFS to match the building.
5. Exterior brick to be cleaned and tuck pointed where needed and painted.
6. New aluminum storefront entry doors with solar gray glass.
7. New aluminum storefront glass system with solar gray glazing surrounding entry doors.
8. Automatic opener included at (1) entry door and (1) vestibule door.
9. Drive through wall to be infilled where plywood surround removed.
10. (3) new aluminum storefront glass windows with solar gray glazing to replace removed windows.
11. The front façade will have a new EIFS system above the entry storefront.
12. The front façade will be capped with a radiused prefinished brake metal.
13. New EIFS accents above storefront windows.
14. Face of drive through canopy to be finished with EIFS.
15. Existing flat roof to remain, new pre-finished metal coping to be installed at building perimeter and drive through canopy perimeter.
16. A prefinished aluminum canopy will be installed over the main entry.
17. An internally illuminated sign will be installed on the building façade.

OPTION: 1" Mill and overlay at parking lot. – Still waiting on client decision.



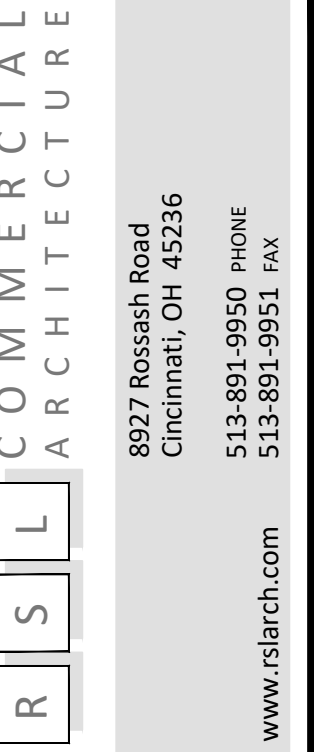












NS
Cincinnati, Ohio 45240
(513) 825-5800 [p]
513.825.1947 [f]
www.deli-corp.com



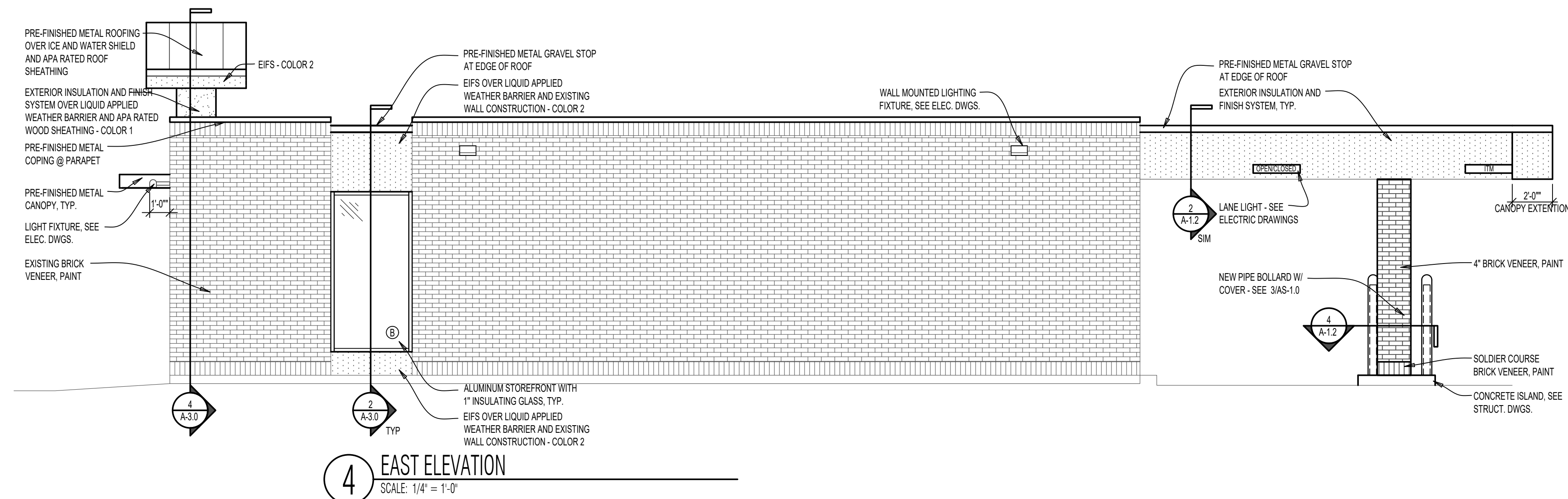
Dedham Savings
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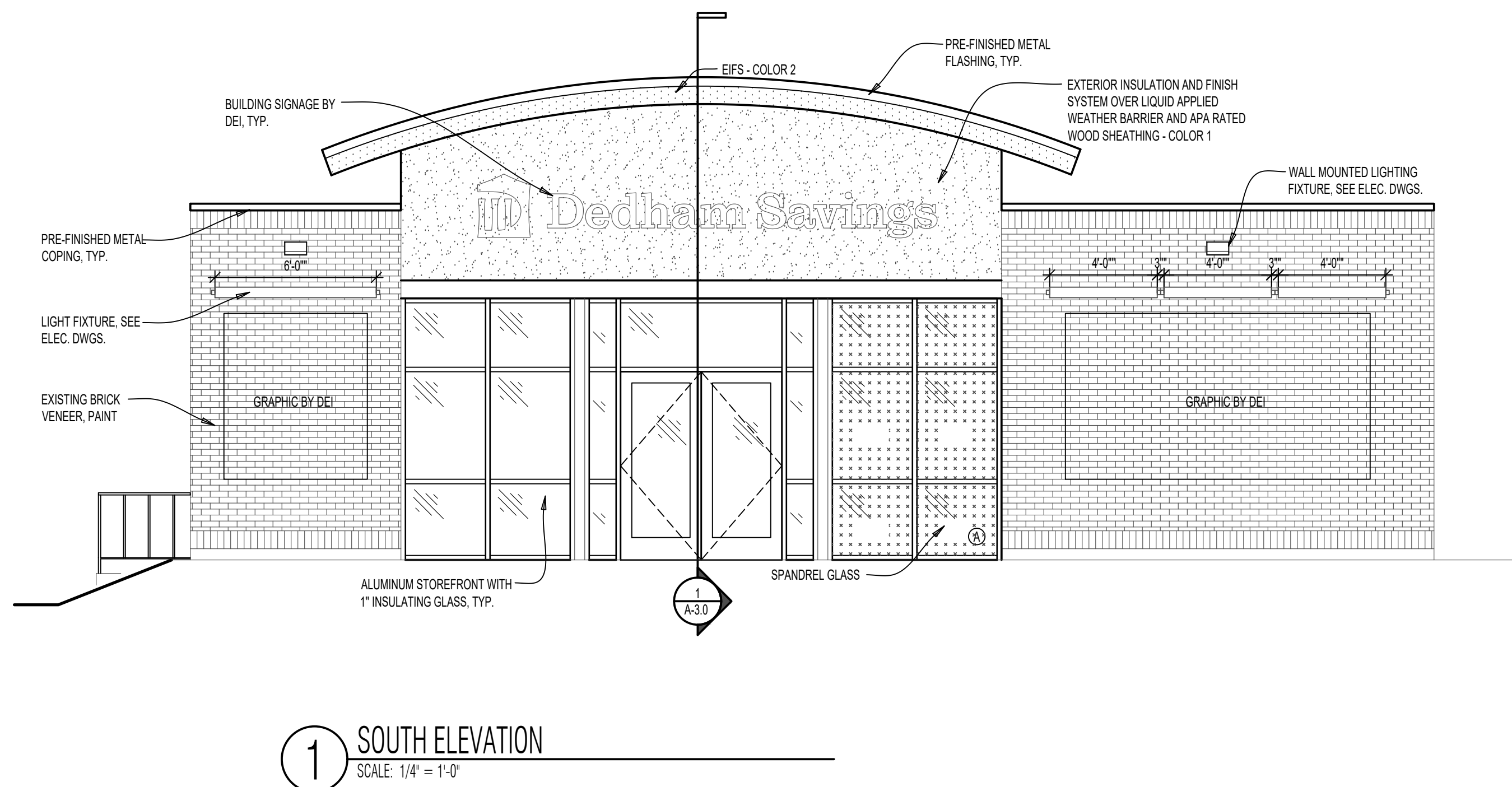
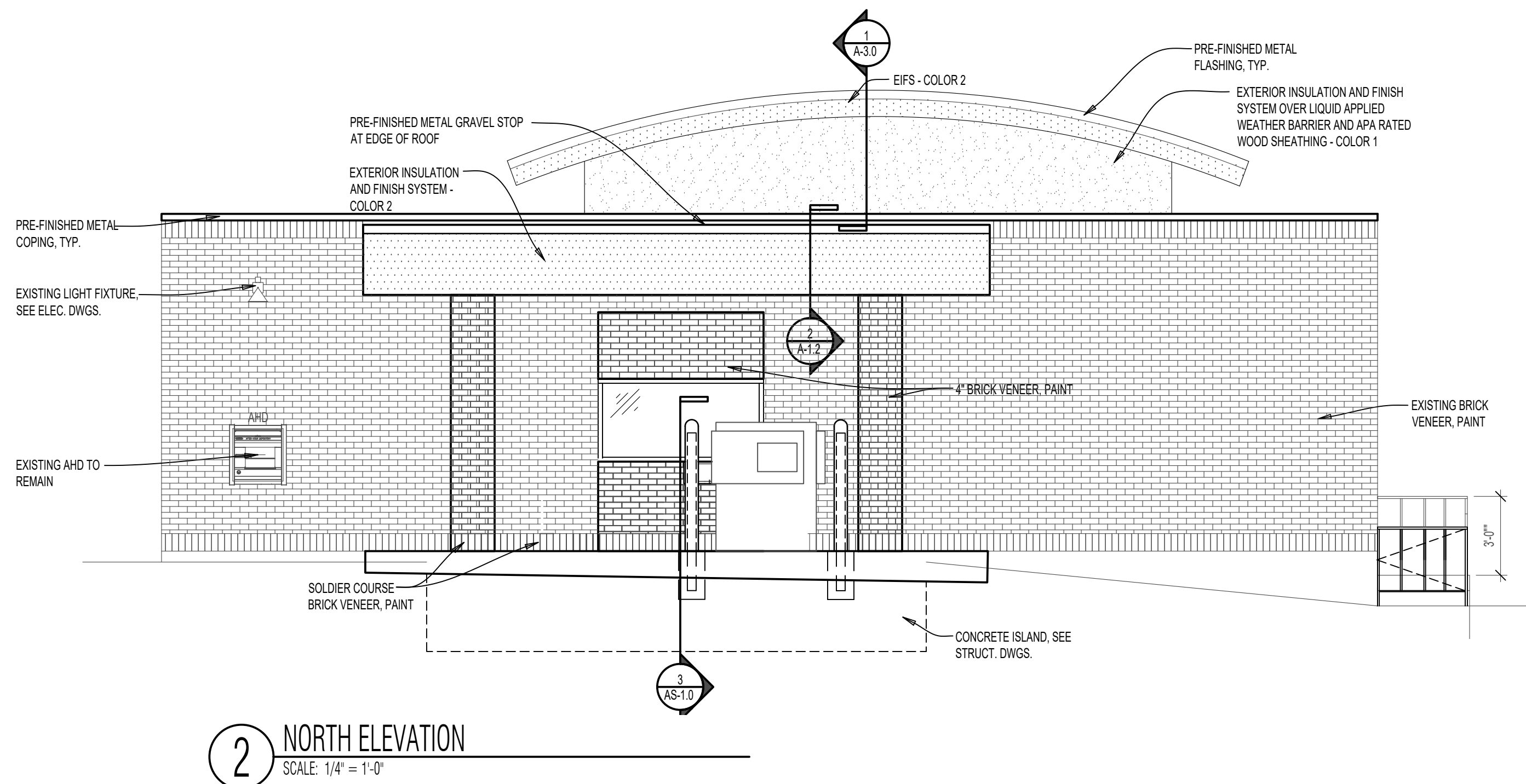
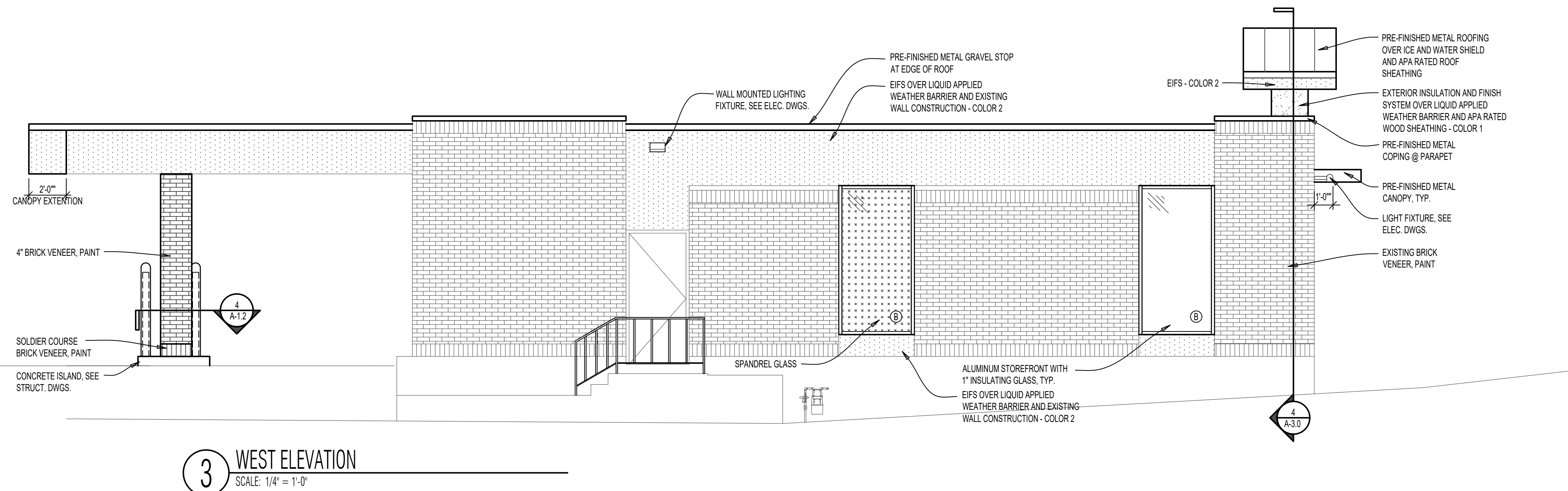
BY XX
ISSUE DATE 08-20-24
JOB NO. 224059
SHEET NO.

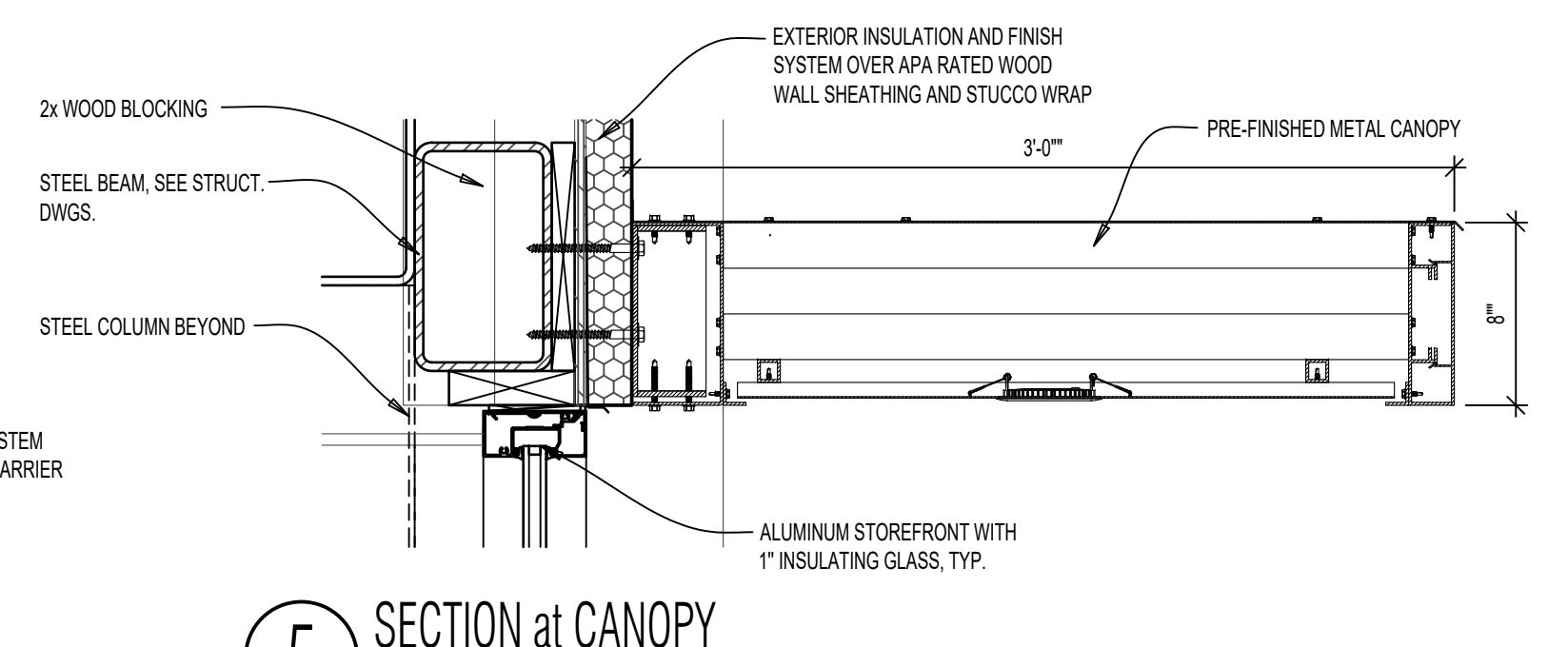
A-2.1



EXTERIOR SELECTION SCHEDULE			
MATERIAL TYPE	MANUFACTURER	COLOR	NOTES
BRICK VENEER	GLEN GERY (OR EQUAL)	MATCH EXISTING	
BRICK – FIELD (PAINT)	SHERWIN-WILLIAMS	SW 7016-MINDFUL GRAY	
BRICK – SOLDIER COURSES (PAINT)	SHERWIN-WILLIAMS	SW 7018 DOVETAIL	
EIFS – COLOR 1	DRYVIT	SW 7757ST-HIGH REFLECTIVE WHITE	SANDPEBBLE FINISH
EIFS – COLOR 2	DRYVIT	SW #104ST DOVER SKY	
STOREFRONT FRAMING	OLDCASTLE	LIGHT BRONZE 700 LT	
EXTERIOR GLAZING	VITRO	CLEAR (LOW-E)	SOLAR BAN 60
EXTERIOR GLAZING	VITRO	SPANDREL (GREY)	
PRE-FAB ALUMINUM CANOPY	PAC-CLAD	CARDINAL RED	
GRAPHIC LIGHTS	ELLIPTIPAR	TYPE SP6/STYLE S171	
METAL ROOF	PAC-CLAD	SANDSTONE STEEL	
METAL COPING (UPPER PARAPETS)	PAC-CLAD	SANDSTONE STEEL	
METAL GRAVEL STOP (DRIVE THRU & ROOF EDGE)	PAC-CLAD	GRANITE	
PAINT AT H.M. DOOR AND FRAME RAILING	SHERWIN-WILLIAMS	SW 7018 DOVETAIL	

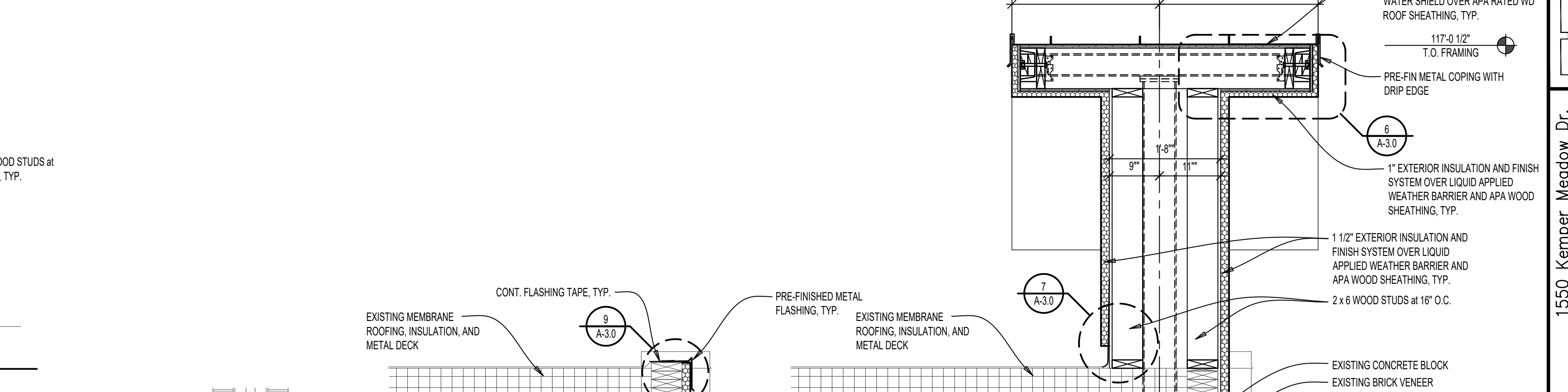
- NOTES:**
1. SEE SPECIFICATIONS FOR ALL ITEMS RELATING TO THIS SHEET.
 2. ALL STOREFRONT DIMENSIONS THIS SHEET ARE TO OPENING.
CONTRACTOR TO PROVIDE DETAILED SHOP DRAWINGS TO REFLECT ALL
MANUFACTURER RECOMMENDED CLEARANCES / SHIM SPACING.
 3. CONTRACTOR TO FIELD VERIFY ALL OPENINGS PRIOR TO
MANUFACTURING OF STOREFRONT SYSTEMS.
 4. VERIFY ALL COLORS AND FINISHES WITH DEI.
 5. SEE SPECIFICATIONS FOR SUBSTITUTION PROCEDURES OF "EQUAL"
MATERIALS.





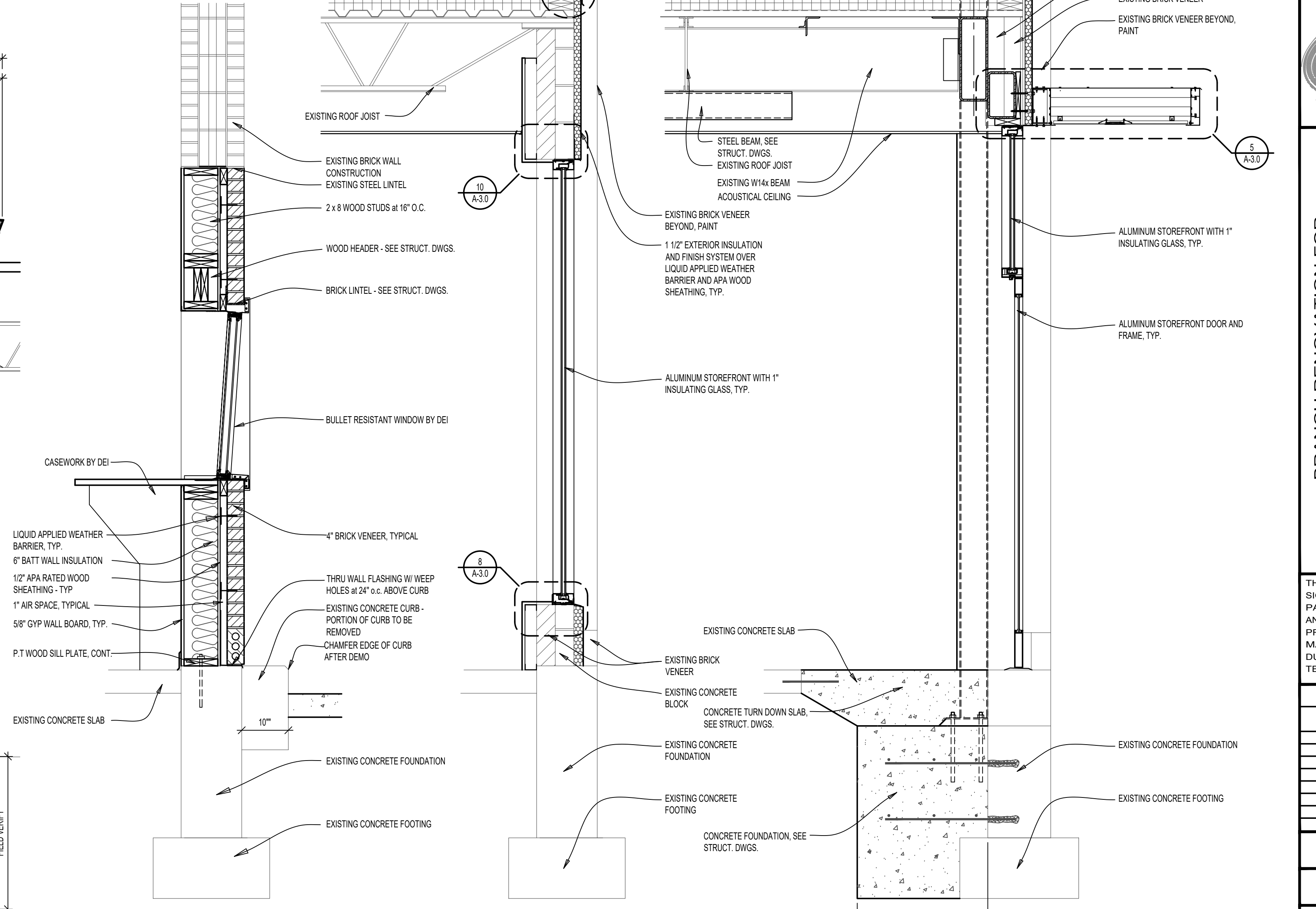
6 SECTION at RAKE
SCALE: 1 1/2" = 1'-0"

5 SECTION at CANOPY
SCALE: 1 1/2" = 1'-0"



8 SECTION at STOREFRONT - SILL
SCALE: 3" = 1'-0"

7 SECTION at TOWER
SCALE: 3" = 1'-0"

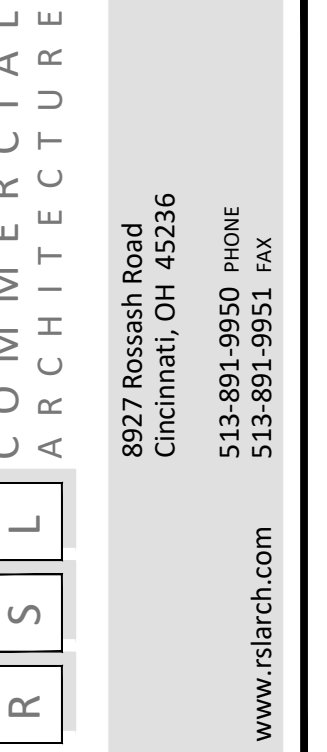


4 BUILDING SECTION
SCALE: 1/2" = 1'-0"

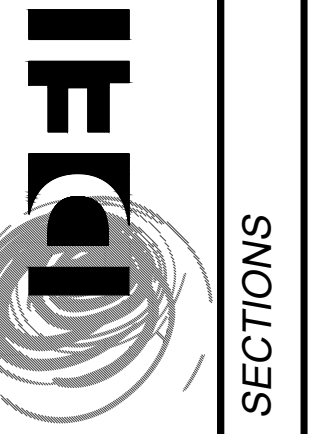
3 WALL SECTION
SCALE: 3/4" = 1'-0"

2 WALL SECTION
SCALE: 3/4" = 1'-0"

1 WALL SECTION
SCALE: 3/4" = 1'-0"



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BY	
XXX	
ISSUE DATE	08-20-24
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A-3.0



Decorative and Protective Exterior Wall Finishes

- DURABLE SURFACE COLOR AND TEXTURE
- USED OVER DRYVIT SYSTEMS, EXTERIOR MASONRY, STUCCO, PRECAST, CAST-IN-PLACE CONCRETE, OR INTERIOR WALL SURFACES
- STANDARD AND CUSTOM COLORS AVAILABLE

Disclaimer:
The intent and purpose of this sample is to provide a representation of Dryvit Systems, Inc. finish textures and colors. It is offered only to guide in final color selection. This color sample shall not be used for final color approval as color differences may occur. Actual color approval should be made from 2' x 4' samples of each finish type, texture and color to be used on the project. Samples shall be prepared using the same tools and techniques proposed for the actual installation by the applicator/contractor.

May 17, 2022	Rhode Island
SANDBLEBBLE FINE	
#104ST DOVER SKY	



www.dryvit.com • 800-556-7752 • 401-822-4100



Decorative and Protective Exterior Wall Finishes

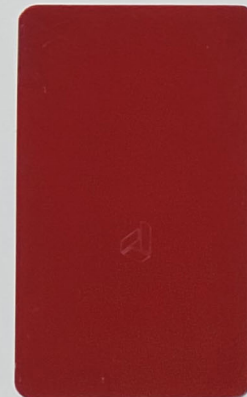
- DURABLE SURFACE COLOR AND TEXTURE
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- STANDARD AND CUSTOM COLORS AVAILABLE

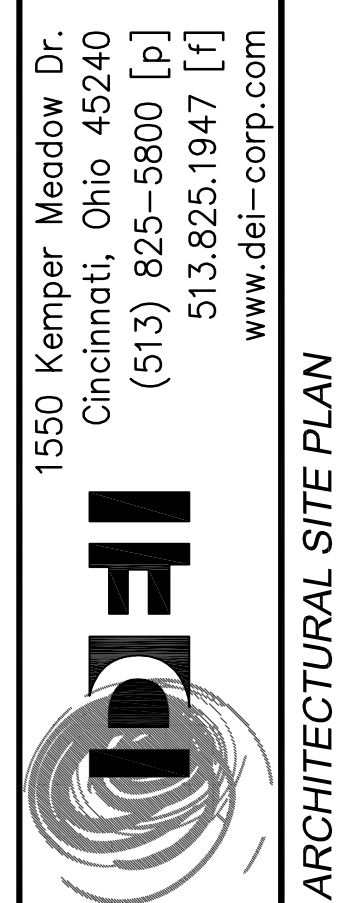
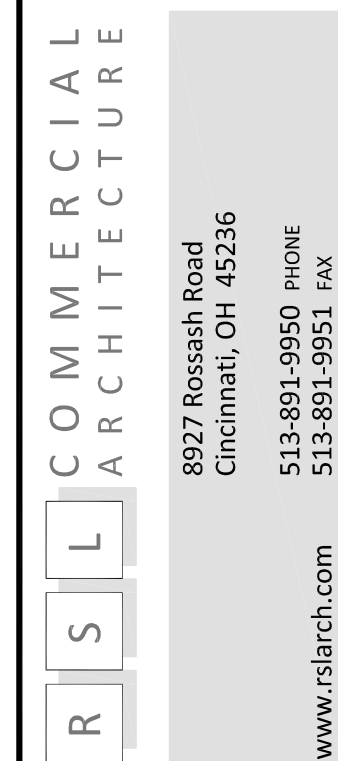
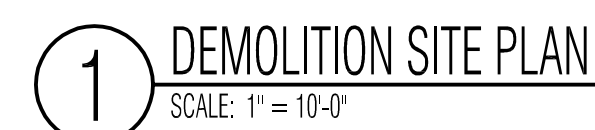
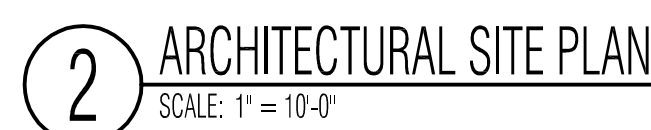
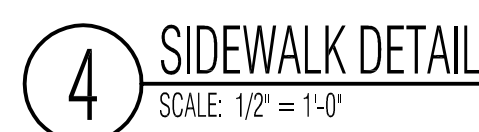
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March 15, 2022	Rhode Island
SANDBLEBBLE FINE	
SW 7757ST HIGH REFLECTIVE WHITE	
OPTIVA #119876	



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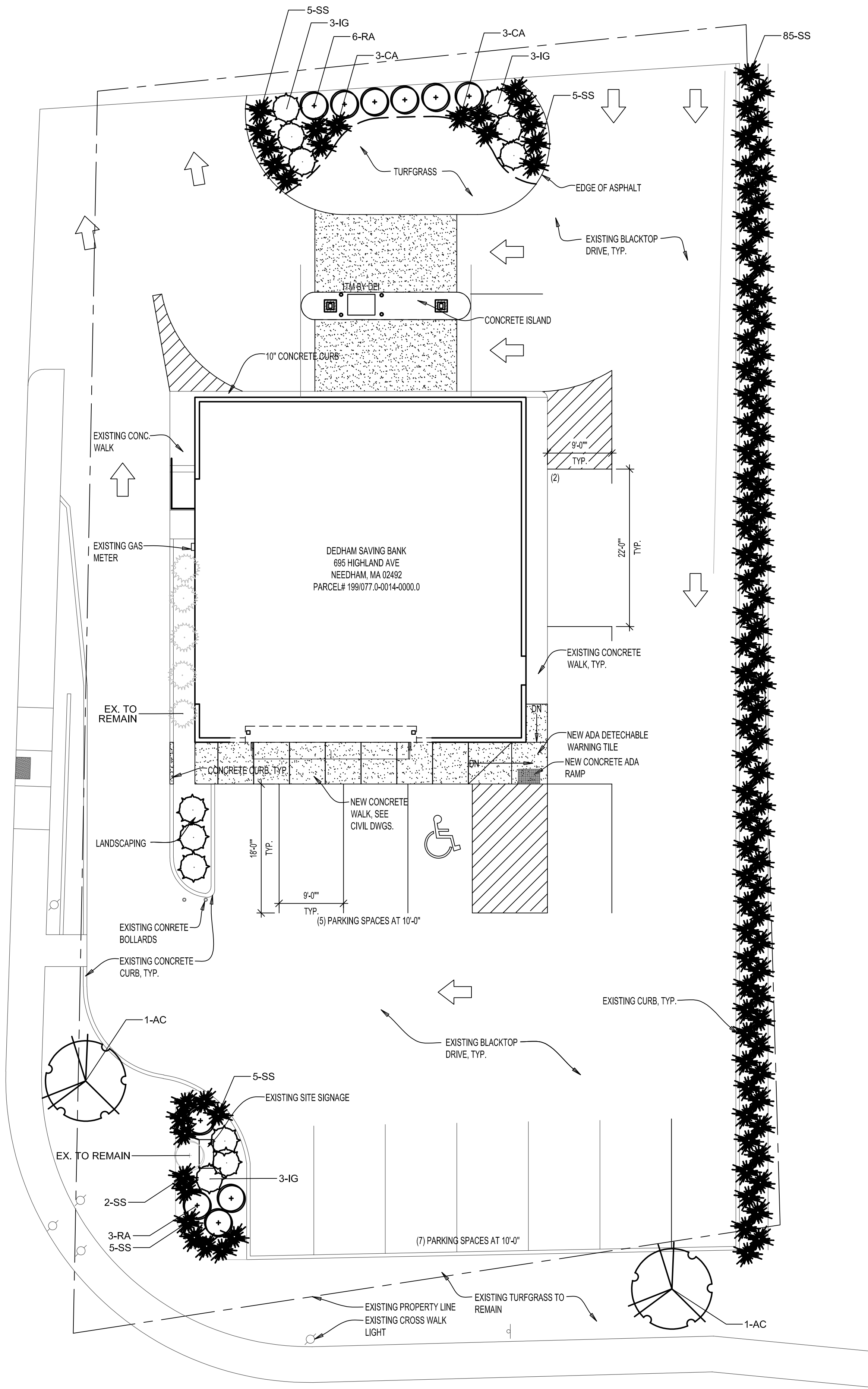
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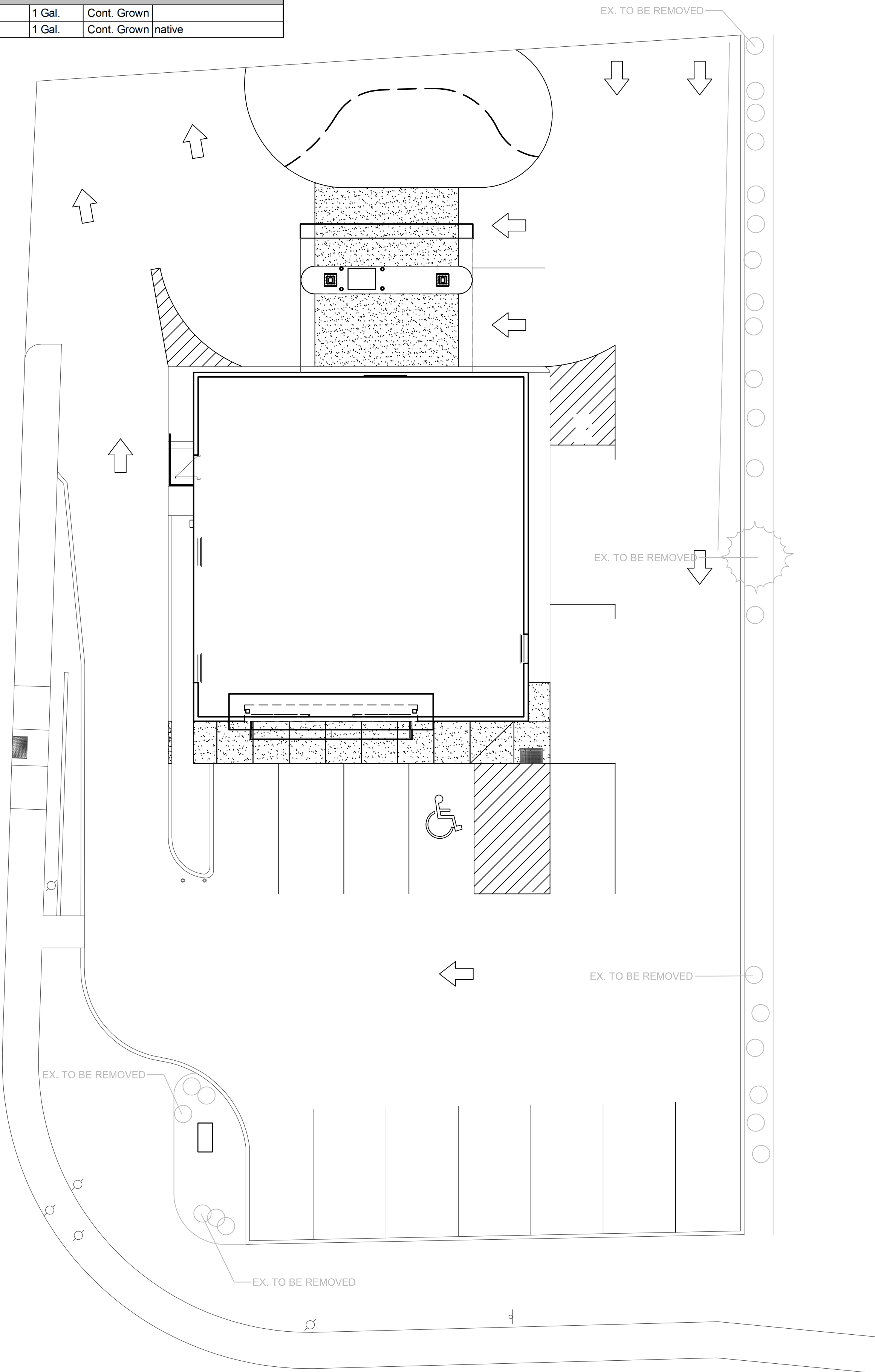
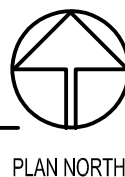
LANDSCAPE PLAN
SCALE: 1" = 10'-0"



PLANT SCHEDULE (THIS SHEET ONLY)						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
UNDERSTORY TREES						
AC	2	<i>Amelanchier canadensis</i>	Serviceberry	5-6' Ht.	B&B	native
SHRUBS						
RA	9	<i>Rhus aromatica</i> 'Gro-Low'	Fragrant Sumac	3 Gal.	Cont. Grown	native
IG	9	<i>Ilex glabra</i> 'Shamrock'	Inkberry Holly 'Shamrock'	3 Gal.	Cont. Grown	native
HERBACEOUS PLANTINGS						
CA	6	<i>Calamagrostis acutiflora</i> 'Karl Foerster'	Feather Reed Grass	1 Gal.	Cont. Grown	
SS	107	<i>Schizachyrium scoparium</i> 'The Blues'	Little Bluestem-The Blues	1 Gal.	Cont. Grown	native

2

DEMOLITION PLAN
SCALE: 1" = 10'-0"



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LANDSCAPE PLAN

DuBois & King inc.

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Schizachyrium scoparium



Rhus aromatica 'Gro-Low'



Ilex glabra 'Shamrock'



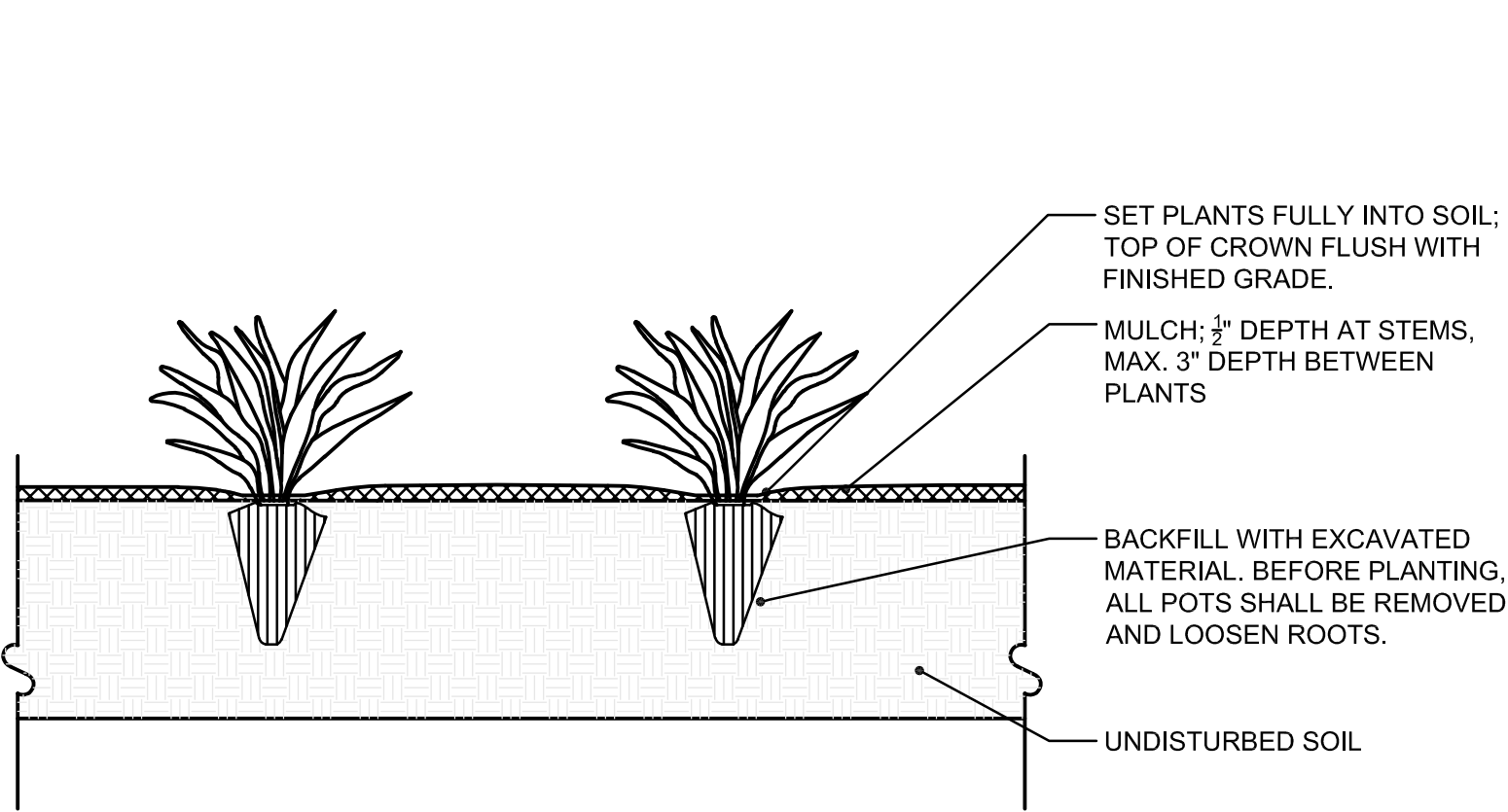
Calamagrostis acutiflora



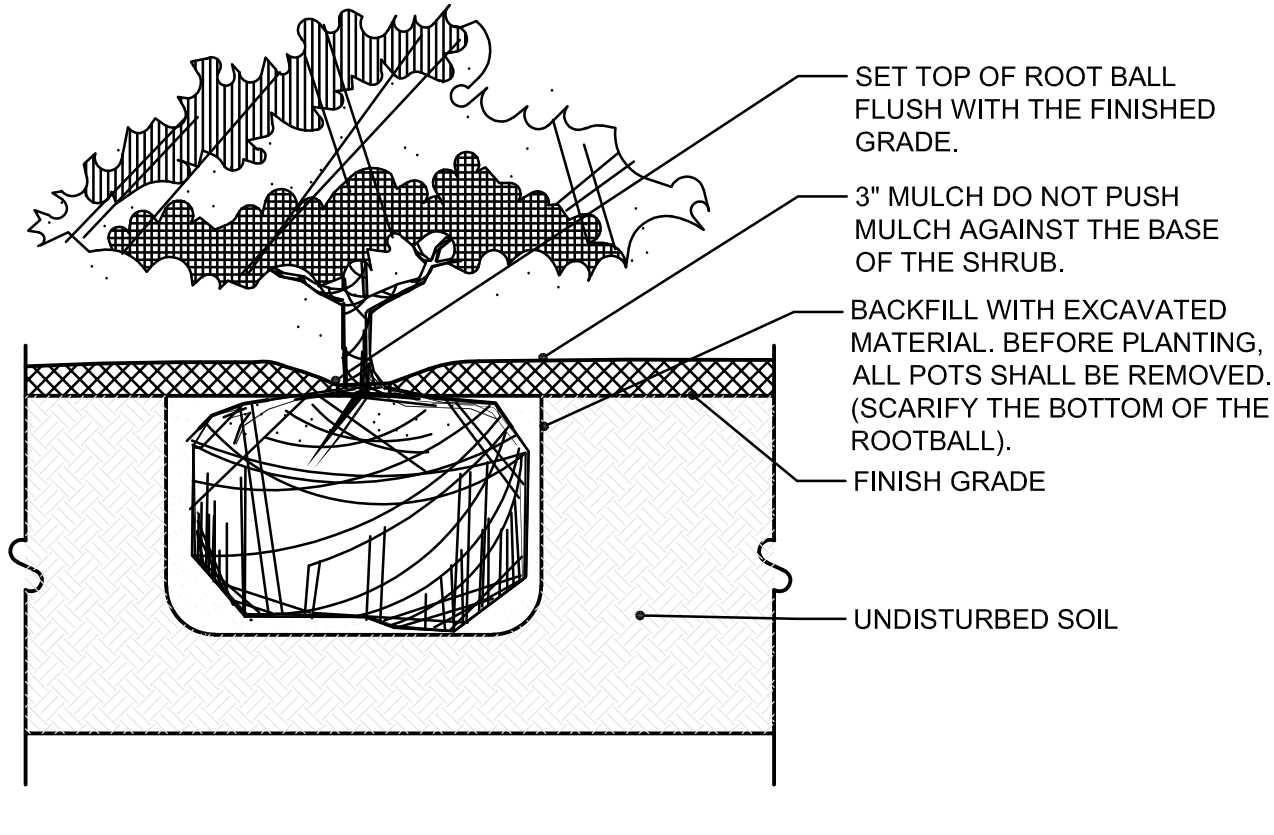
Amelanchier canadensis

GENERAL PLANTING NOTES:

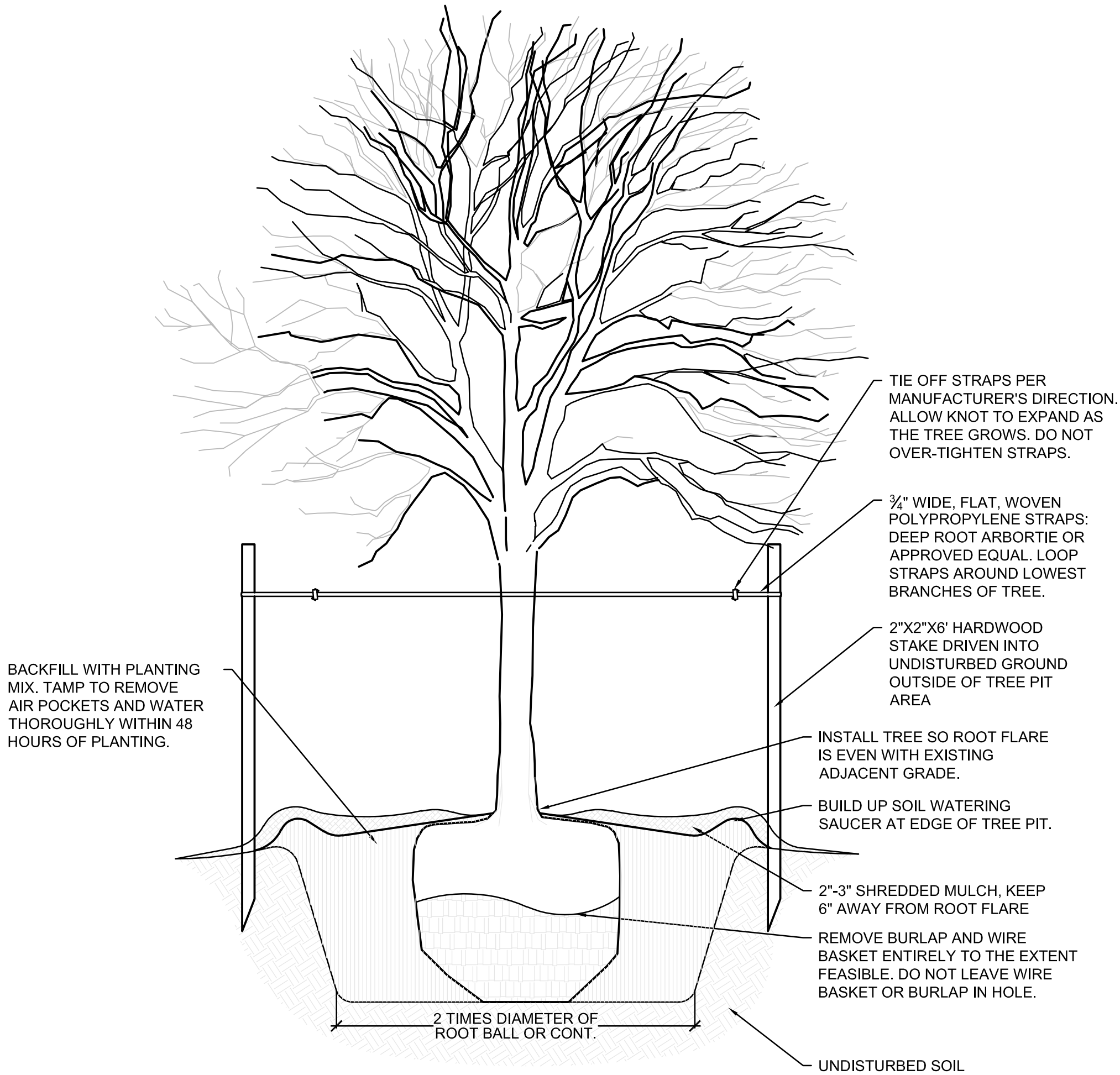
1. ALL PLANT MATERIAL SHALL CONFORM TO THE SIZES GIVEN IN THE PLANT SCHEDULE AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE “AMERICAN STANDARDS FOR NURSERY STOCK, ANSI260.1-2004” LATEST EDITION PREPARED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
2. PLANTING LOCATIONS FOR TREES SHALL BE STAKED OUT PRIOR TO PLANTING. CONTRACT ADMINISTRATOR MAY ADJUST THE STAKES AS NEEDED, PRIOR TO PLANT INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STAKES DURING CONSTRUCTION.
3. CONTRACTOR MUST VERIFY THE CORRECT LOCATION OF ANY EXISTING UTILITIES WHICH ARE UNDERGROUND, PRIOR TO PLANT INSTALLATION.
4. ALL LANDSCAPE CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO WITHIN THE LIMITS OF DISTURBANCE AS IDENTIFIED ON THE PLANS OR OTHERWISE DIRECTED BY THE CONTRACT ADMINISTRATOR. THE CONTRACTOR SHALL MINIMIZE COMPACTION TO AREAS THAT WILL BE PLANTED.
5. ALL DISTURBED AREAS SHALL BE LOOSENEED TO A DEPTH OF 2 INCHES PRIOR TO BEING SEEDED AND MULCHED AS SPECIFIED, WITHIN 7 DAYS OF FINAL GRADING UNLESS OTHERWISE DIRECTED BY CONTRACT ADMINISTRATOR.
6. ALL PLANT MATERIALS USED SHALL BE NURSERY STOCK AND SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF INSTALLATION. ANY MATERIAL WHICH DIES OR DOES NOT SHOW HEALTHY APPEARANCE WITHIN THIS TIME SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE; WITH SAME WARRANTY REQUIREMENTS AS THE ORIGINAL. WARRANTIES TYPICALLY DO NOT COVER LOSS DUE TO INSECT INFESTATION OR MECHANICAL DAMAGE (I.E. SNOW STORAGE).
7. PAVEMENT OR ROAD BASE MATERIAL ENCOUNTERED IN ANY LAWN OR PLANTING BED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SUITABLE AMENDED SOIL INSTALLED AS SPECIFIED IN THE TURF ESTABLISHMENT SCHEDULE.
8. PLANT INSPECTION: ALL PLANT MATERIAL SHALL BE INSPECTED FOR DAMAGE OR DEFECT UPON ARRIVAL TO PROJECT SITE BY CONTRACT ADMINISTRATOR.
9. PLANT MATERIAL AVAILABILITY MAY VARY AT THE TIME OF CONSTRUCTION. ANY SUBSTITUTIONS ARE TO BE OF EQUIVALENT TYPE AND SIZE (OR LARGER), AND MUST BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE INSTALLATION.
- 10.SETTING PLANTS: PLACE ROOTBALL ON TOP OF STABLE SOIL SO THAT THE TRUNK FLARE/ ROOTBALL IS 1” TO 2” HIGHER THAN FINISHED GRADE, AVOID PLANTING TOO DEEP, REMOVE TWINE AND BURLAP FROM TOP HALF OF ROOTBALL AND PULL BACK. REMOVE SYNTHETIC BURLAP AND STRING ENTIRELY. LOOSEN AND/OR SLASH ANY COMPACTED ROOTS.
- 11.EXISTING SOIL IN PLANTING BED AREAS SHALL BE AMENDED TO A MINIMUM OF 12: AND SOIL MIX IN ALL PLANTING BEDS SHALL BE ONE THIRD EXISTING SOIL, ONE THIRD FURNISHED SOIL AND ONE THIRD ORGANIC MATERIAL SUCH AS LEAFGRO.
- 12.PLANTING SOIL MIXTURE: IMPORTED TOPSOIL SHALL BE FERTILE, FRIABLE, SANDY LOAM CONTAINING A MINIMUM OF 1.5% BY DRY WEIGHT OF ORGANIC MATTER; FREE FROM SUBSOIL, REFUSE, DEBRIS, ROOTS, HEAVY CLAY, STONES LARGER THAN 20MM AND NOXIOUS WEED SEEDS. PH SHALL BE BETWEEN 5.5 TO 6.5. ORGANIC MATERIAL IN TOPSOIL SHALL BE FULLY COMPOSTED AND ODOR FREE; SCREENED TO A ½ INCH; NO SEWAGE SLUDGE OR CHEMICALS; APPROVED FOR USE ON ORGANIC FARMS.
- 13.ALL PLANT BEDS SHAL BE MULCHED WITH A MINIMUM OF 2” AND A MZIMUM OF 3” LAYER OF MULCH WITHIN TWO DAYS AFTER PLANTING. THIS SHALL BE SHREDDED BARK, AND SHALL COVER ENTIRELY THE PLANTING BED.
- 14.STAKE AND GUY: STAKE AND GUY TREES WHEN NECESSARY TO STABILIZE ROOT BALL IN LOOSE SOIL OR HIGH WINDS AS DIRECTED BY CONTRACT ADMINISTRATOR. REMOVE ALL STAKES AND GUY MATERIALS ONE YEAR AFTER PLANTING.
15. WATERING: ALL PLANTS SHALL BE CAREFULLY AND THOROUGHLY WATERED DURING PLANTING TO PROVIDE BEST GROWING CONDITIONS UNTIL ACCEPTANCE OF THE WORK.
- 16.PLANT MAINTENANCE: BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING. MAINTAIN TREES, SHRUBS, AND OTHER PLANTS BY PRUNING, CULTIVATING, AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS. TIGHTEN AND REPAIR STAKE AND GUY SUPPORTS AND RESTORE TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITIONS AS REQUIRED. AT THE EXPENSE OF CONTRACTOR.
- 17.ANY DAMAGE TO THE EXISTING UTILITIES, BUILDINGS, PAVING, CURBS, WALLS, VEGETATION AND ANY OTHER EXISTING FEATURES NOT DESIGNATED FOR REMOVAL ON THESE PLANS SHALL BE REPAIRED TO PREVIOUS CONDITION OR REPLACED AT THE CONTRACTOR'S EXPENSE. ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE SEEDED PER THE PLANS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.



HERBACEOUS PLANTING DETAIL
SCALE: NTS



SHRUB PLANTING DETAIL
SCALE: NTS



DECIDUOUS TREE PLANTING DETAIL
SCALE: NTS



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LANDSCAPE NOTES AND DETAILS

BRANCH RENOVATION FOR:

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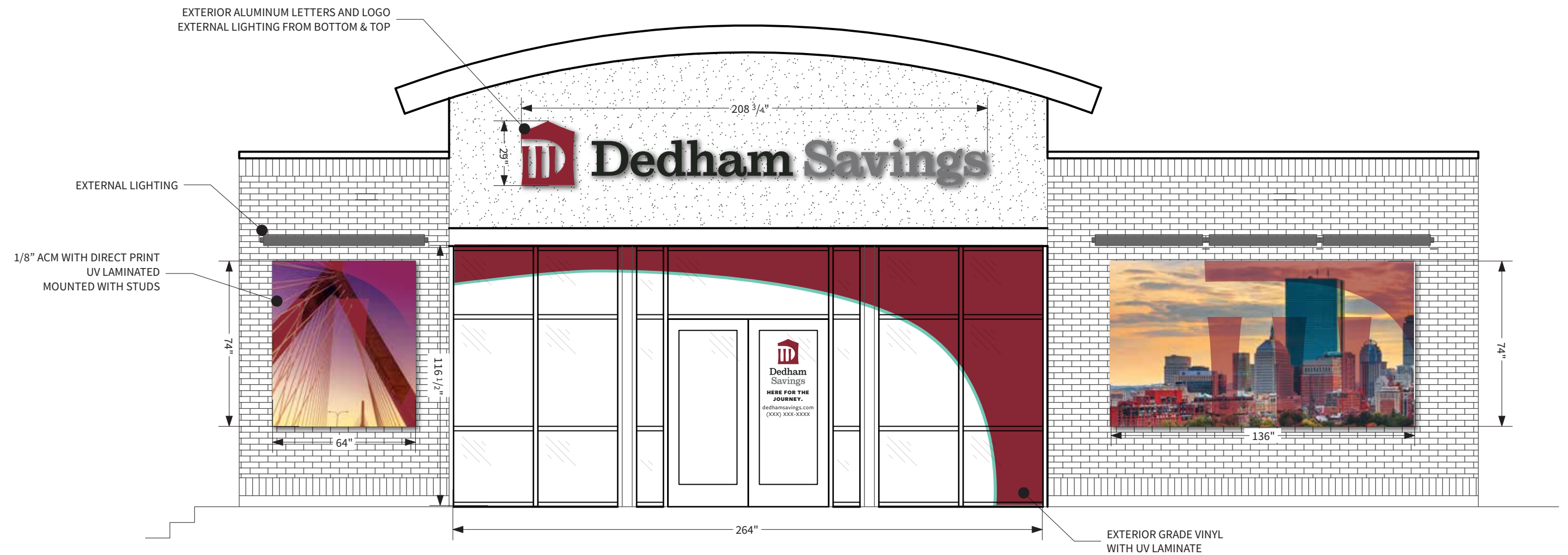
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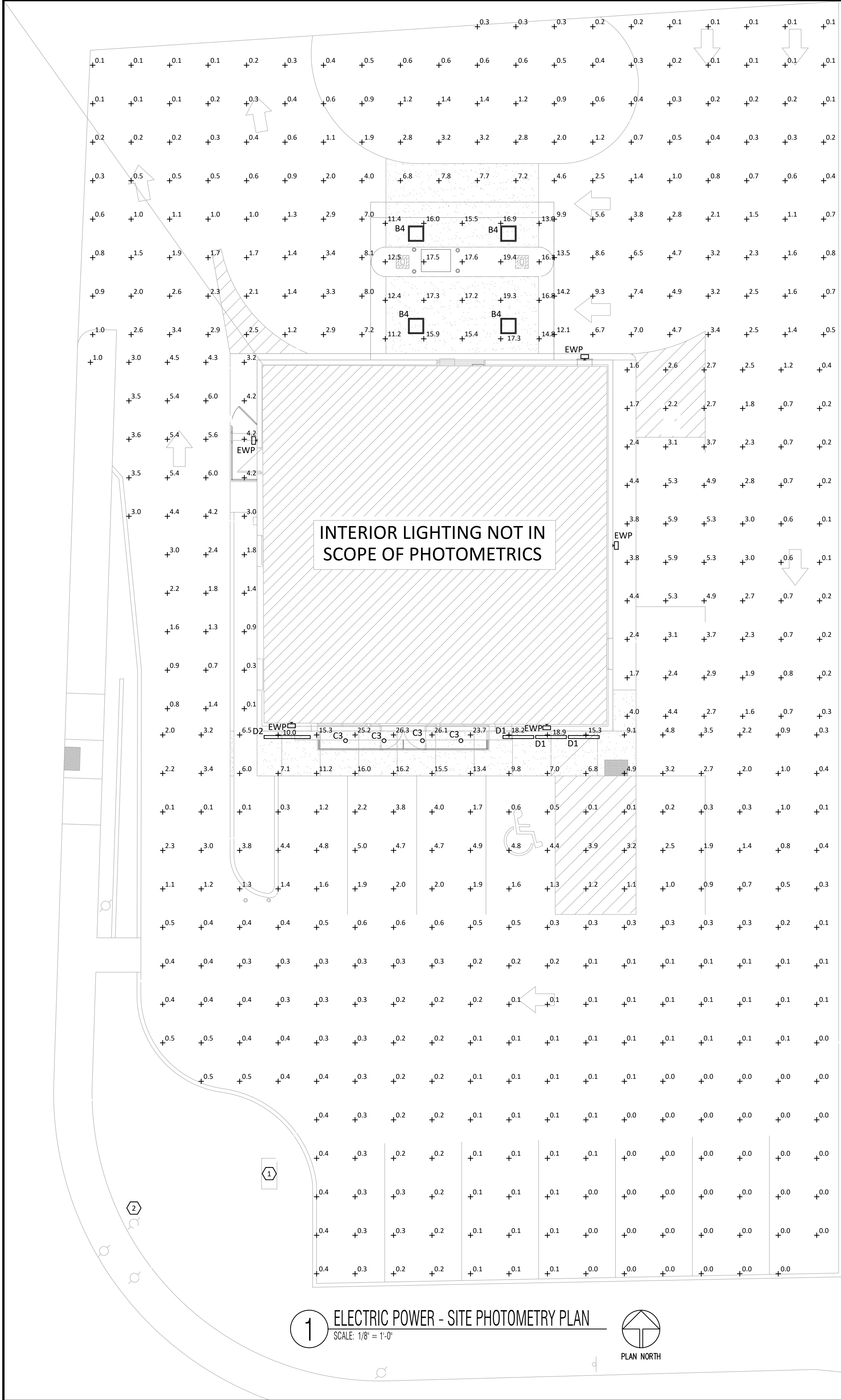
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SOUTHEAST EXTERIOR SIGNAGE | ELEVATIONS
SCALE 1/4"=1'

DRAFT



#

KEYED NOTES

1.

RUN NEW POWER AND DATA TO PYLON SIGNAGE. PROVIDE DISCONNECTING MEANS FOR SIGNAGE IF REQUIRED. VERIFY EXISTING CONDUITS ARE ACCEPTABLE FOR RE-USE. IF NOT PROVIDE (3) CONDUITS TO SIGNAGE. COORDINATE ALL REQUIREMENTS WITH DEI AND SIGNAGE SPECIFICATIONS.

2.

EXISTING UTILITY POLE LIGHT NOT IN SCOPE OF THIS PROJECT. SHOWN FOR PHOTOMETRIC CALCULATION PURPOSES ONLY.

GENERAL NOTES

A.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ALTERATIONS TO THE ELECTRICAL & TELEPHONE SERVICE. THIS INCLUDES ANY FEES/COSTS CHARGED BY LOCAL UTILITY. COORDINATE ALL FINAL LOCATIONS WITH APPROPRIATE UTILITY COMPANY PRIOR TO ANY WORK.

B.

CONTRACTOR DURING CONSTRUCTION SHALL BE RESPONSIBLE FOR DETECTION AND PROTECTION OF ADJACENT UTILITIES.

C.

SITE PLAN SHOWN FOR DESIGN INTENT AND SCHEMATIC REPRESENTATION ONLY. COORDINATE ACTUAL ROUTING, LENGTHS & LOCATIONS WITH DEI, CIVIL, ARCHITECTURAL DRAWINGS, AND ALL TRADES.

D.

ENCASE ALL CONDUITS IN CONCRETE WHERE CROSSING UNDERNEATH THE PAVEMENT.

E.

PROVIDE #8 AWG XHHW CONDUCTORS IN MINIMUM OF 1-1/4" SCH. 40 PVC CONDUIT FOR ALL EXTERIOR BRANCH CIRCUIT WIRING FOR THE ENTIRE LENGTH OF EACH BRANCH CIRCUIT U.N.O. PROVIDE PARITY SIZED EQUIPMENT GROUNDING CONDUCTOR THROUGHOUT THE ENTIRE LENGTH.

F.

ALL WIREWAYS, METERS, DISCONNECT SWITCHES, PHOTOCELLS/TIME CLOCKS/LIGHTING CONTACTOR HOUSING SHALL BE NEMA 3R WEATHER PROOF ON EXTERIOR WALL OF BUILDING.

PHOTOMETRY NOTES

A.

THIS PHOTOMETRIC REPORT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA (IES FILES). THIS LABORATORY DATA IS TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED MEHTODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE, AND OTHER VARIABLE FIELD CONDITION.

B.

THE ILLUMINATION LEVELS, MEASURED IN FOOTCANDLES, SHOWN ARE BASED ON THE SPECIFIED CRITERIA. ANY SUBSTITUTIONS/DEVIATIONS IN LUMINAIRES OR ALTERATIONS TO THE LAYOUT WILL AFFECT ILLUMINATION LEVELS SHOWN.

C.

CALCULATION POINTS ARE BASED UPON A (5') ROW AND COLUMN SPACING AT GRADE UNLESS OTHERWISE INDICATED.

PHOTOMETRY STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
DT CANOPY	+	15.7 fc	19.4 fc	11.2 fc	1.7:1	1.4:1
NORTH LOT	+	2.1 fc	14.2 fc	0.1 fc	142.0:1	21.0:1
EAST LOT	+	2.4 fc	5.9 fc	0.1 fc	59.0:1	24.0:1
SOUTH LOT	+	1.9 fc	26.3 fc	0.0 fc	N/A	N/A
WEST LOT	+	3.0 fc	3.0 fc	0.1 fc	60.0:1	30.0:1

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ELECTRIC POWER - SITE PHOTOMETRY PLAN

BRANCH RENOVATION FOR:

Dedham Savings

695 Highland Ave
Needham, MA 02492

REVISIONS

BY
MARQUE

ISSUE DATE
08-19-24

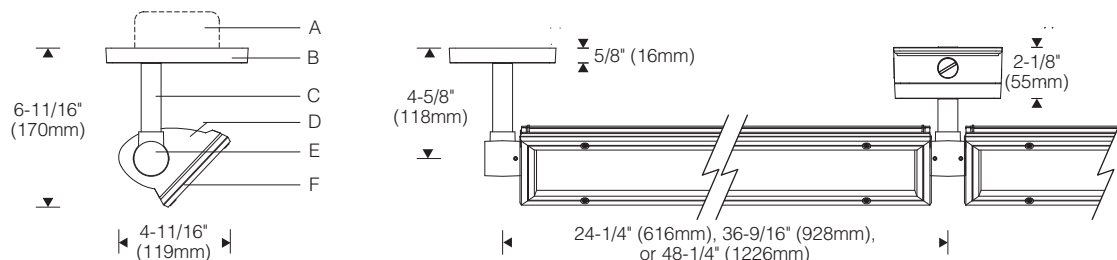
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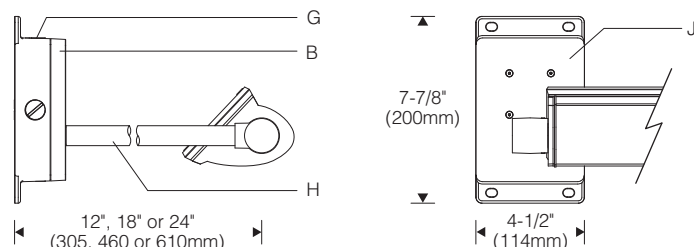
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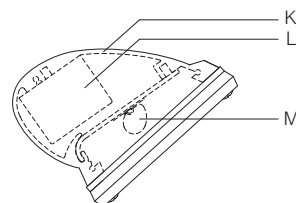
Surface Hanger (Lighting Downward) 1:8 Scale



Cantilever Hanger with Splice Box



Internal Components 1:4 Scale



Specifications

- | | | | |
|---|---|--|--|
| A Recessed outlet box (by others) | D Die-cast aluminum end plate | G Die-cast aluminum splice box | L Integral high power factor constant current driver |
| B Die-cast aluminum mounting plate | E Die-cast aluminum hub (1.5"W x 1.5" dia.) | H Schedule 40 galvanized steel cantilever arm (7/8" O.D.) | M Field serviceable light engine with fraqtir™ asymmetric optic |
| C Aluminum surface hanger stem | F Extruded aluminum door frame with mitered corners, tempered micro-prismatic glass lens | J Aluminum access cover with silicone gaskets | |
| | | K Extruded aluminum heat sink/housing | |

Optic Assembly:

Two-piece extruded aluminum heat sink housing and light engine. Precision formed asymmetric optical light bar of high temperature, water-clear acrylic. Extruded aluminum door frame with tamper-resistant fasteners. Tempered microprismatic glass lens and holographic diffuser with silicone gasket for watertight operation when facing upward or downward.

Finish:

Exterior surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish. All hardware and components – non-corrosive stainless steel or aluminum.

Electrical:

Integral electronic HPF constant current driver(s), dimming drivers are optional. For complete driver specifications, see website, reference document [MA-1303](#). 84" leads exit one end of housing (0F option, 84" leads exit both ends for feed-through wiring).

Mounting:

Required 1-1/2" diameter x 1-1/2" aluminum hubs with 1/2" NPT threaded entry, ordered and priced separately. Housing aiming is adjustable – locks with set screws. Alternately, order hubs with surface, pendant or cantilever hangers (see SV2.1). Hangers include aluminum mounting plate, cover plate and hub with 7/8" O.D. steel arm/stem. Specify end kit or intermediate hubs/hangers.

Fixture weight: 3.5 lb/ft (5.2 kg/m).

Standard:

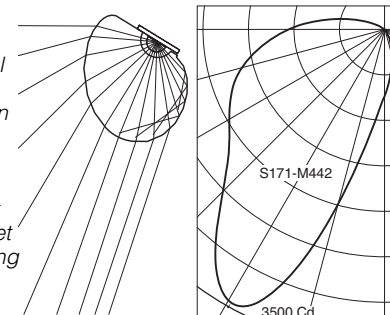
UL listed or CSA certified for wet locations when mounted horizontally. For positions other than horizontal, consult factory. 5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Watertight operation facing up or down
- Rugged all aluminum and stainless steel construction – polyester powder coat exceeds 1000 hour salt spray test
- Versatile – surface, cantilever or pendant mount
- Several lumen packages that put the light on target

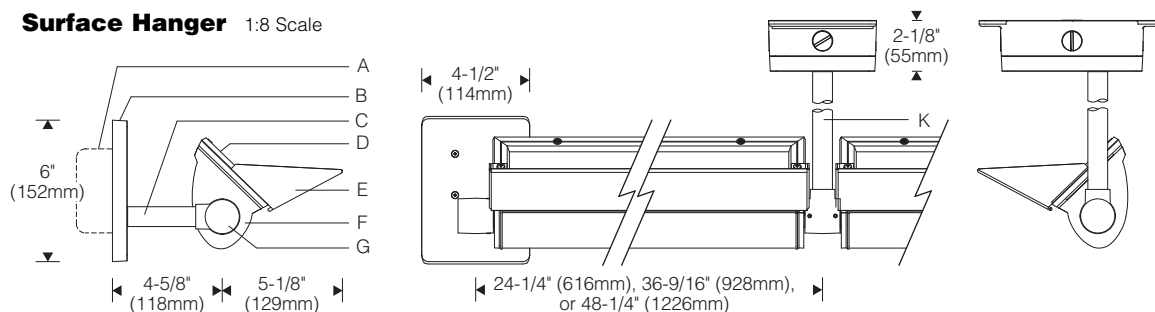
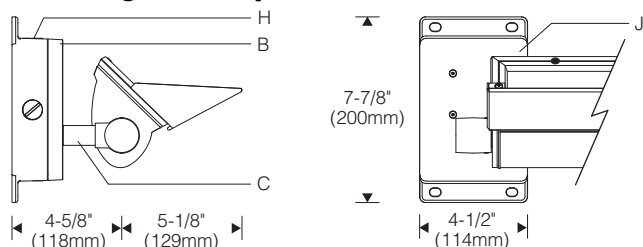
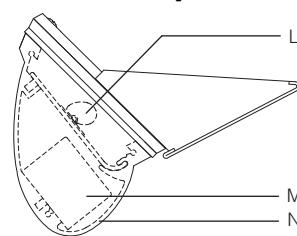
Performance

fraqtir technology uses a combination of refraction and total internal reflection, creating a distribution of light ideal for illuminating surfaces uniformly. Glare is minimized while light delivered to the target is maximized, resulting in high application efficiency.



For LM79 and photometric reports, visit thelightingquotient.com

L90(10k) > 60,000 hrs.
@ 25°C per TM-21

Surface Hanger 1:8 Scale

Surface Hanger with Splice Box 1:8 Scale

Internal Components 1:4 Scale

Specifications

- | | | | |
|---|--|---|---|
| A Recessed outlet box (by others) | E Aluminum cutoff visor | J Aluminum splice/ access cover | M Integral high power factor constant current driver |
| B Die-cast aluminum mounting plate | F Die-cast aluminum end plate | K Schedule 40 galvanized steel cantilever arm (7/8" O.D.) | N Extruded aluminum heat sink/housing |
| C Aluminum surface hanger stem | G Die-cast aluminum hub (1.5"W x 1.5" diameter) | L Field serviceable light engine with fraqtir ™ optic | |
| D Extruded aluminum door frame with mitered corners, tempered micro-prismatic glass lens | H Die-cast aluminum splice box | | |

Optic Assembly:

Two-piece extruded aluminum heat sink housing and light engine. Precision formed asymmetric optical light bar of high temperature, water-clear acrylic. Extruded aluminum door frame with tamper-resistant fasteners. Tempered microprismatic glass lens and holographic diffuser with silicone gasket for watertight operation when facing upward or downward.

Finish:

Exterior surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish. All hardware and components – non-corrosive stainless steel or aluminum.

Electrical:

Integral electronic HPF constant current driver(s), dimming drivers are optional. 84" leads exit one end of housing (**0F** option, 84" leads exit both ends for feed-through wiring).

For complete driver specifications, see website, reference document [MA-1303](#).

Mounting:

Required 1-1/2" diameter x 1-1/2" aluminum hubs with 1/2" NPT threaded entry, ordered and priced separately. Housing aiming is adjustable – locks with set screws. Alternately, order hubs with surface, pendant or cantilever hangers (see SU2.1). Hangers include aluminum mounting plate, cover plate and hub with 7/8" O.D. steel arm/stem. Specify end kit or intermediate hubs/hangers.

Fixture weight: 3.5 lb/ft (5.2 kg/m).

Standard:

UL listed or CSA certified for wet locations when mounted horizontally. For positions other than horizontal, consult factory. 5 year warranty, maximum ambient temperature 45°C (113°F).

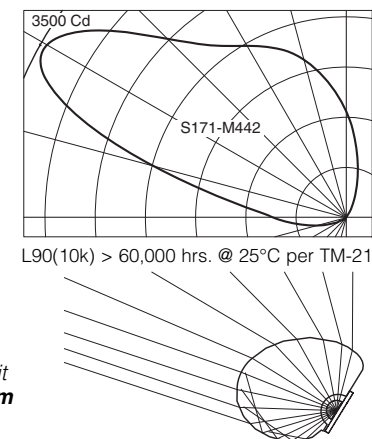
Features

- Watertight operation facing up or down
- Rugged all aluminum and stainless steel construction – polyester powder coat exceeds 1000 hour salt spray test
- Versatile – surface, cantilever or pendant mount
- Several lumen packages that put the light on target

Performance

fraqtir technology uses a combination of refraction and total internal reflection, creating a distribution of light ideal for illuminating surfaces uniformly. Glare is minimized while light delivered to the target is maximized, resulting in high application efficiency.

For LM79 and photometric reports, visit [thelightingquotient.com](#)





Mirada Small Silicone (XWS SIL)

Outdoor Wall Sconce



OVERVIEW

Lumen Package (lm)	1,000 - 8,000
Wattage Range (W)	10 - 61
Efficacy Range (LPW)	126 - 162
Weight lbs (kg)	10 (4.5)
Control Options	IMSBT, ALB, ALS, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Extended housing available with 1/2" threaded hubs for surface conduit and rated wire.
- Standard luminaire shipping weight: TBD lbs in carton.
- Max luminaire shipping weight: 12 lbs in carton (20 lbs w/EH option)

Optical System

- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, and FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also available in Phosphor Converted Amber with peak intensity at 610nm.
- Minimum CRI of 70

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.

- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L80 Calculated Life: >100k Hours
- Total harmonic distortion (THD): <20%
- 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C (-40°F to +113°F).
- 18L operating temperature: -40°C to +40°C (-40°F to +104°F).
- 21L operating temperature: -40°C to +35°C (-40°F to + 95°F).
- Power factor (PF): >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.
- LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth

mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.

Installation

- Universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
- Optional terminal block accepts up to 12 ga wire.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP65 rated luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPMa bracket) or wall mounted.
- IK08 rated luminaire per IEC 66262 mechanical impact code.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.



Mirada Small Silicone (XWS SIL)

Type : _____

 **Have questions?** Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XWS LED 6L SIL FT UNV DIM 40 70CRI ALBCS1 BLK CWBB						
Prefix	Light Source	Lumen Package	Lens	Distribution	Voltage	Driver
XWS - Mirada Small Wall Sconce	LED	1L - 1,000 (10w) UNV Only 2L - 2,000 (15w) 3L - 3,000 (26w) 5L - 5,000 (39w) 6L - 6,000 (52w) 8L - 8,000 (63w) Custom Lumen Packages ¹	SIL - Silicone	2 - Type 2 3 - Type 3 FT - Forward Throw	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10v Dimming (0-10%)
Color Temperature	Color Rendering	Controls			Finish	Options
50 - 5000K 40 - 4000K 30 - 3000K	70CRI - 70 CRI	Blank - None <u>Wireless Controls</u> ALBMR1LR - AirLink Blue Wireless Motion & Photo Sensor Controller (8-15' mounting height) ² ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ² <u>Standalone Controls</u> EXT - 0-10v Dimming leads extended to housing exterior IMSBT1L - Integral Bluetooth™ Motion Sensor 8-24' MH ^{2,3} <u>Button Type Photocells</u> PCI120 - 120V PCI208-277 - 208 -277V PCI347 - 347V			BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	Blank - None BB - 10w Battery Back-up (0°C) ⁴ CWBB - 10w Cold Weather Battery Backup (-20°C) ⁴ BB20 - 20W Battery Back-up (0°C) ⁴ EH - Extended Housing ⁵ SP1 - 10kV Surge Protection Device



Need more information?
[Click here for our glossary](#)

Have additional questions?
Call us at (800) 436-7800



ACCESSORY ORDERING INFORMATION*

Part Number	Description
758274CLR	XWS Extended Housing/Surface Conduit Wiring Box
760159CLR	XWS Spacer Plate/Wiring Box

*Accessories are shipped separately and field installed.

Battery Backup

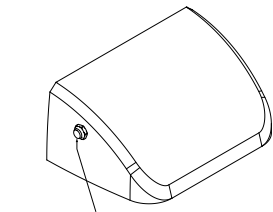
- Emergency battery system provides 90-minutes of constant power to the LED system, ensuring code compliance.
- A test switch/indicator button is installed on the housing for ease of maintenance.
- 10w battery delivers ~1,500 lumens during emergency mode.
- 20w battery delivers ~3,000 lumens during emergency mode.



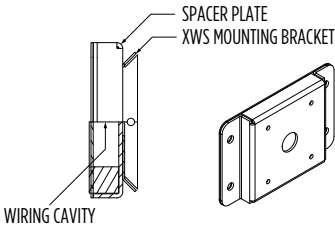
Luminaire shown with battery backup



AirLink Wireless Control Luminaire shown with ALBMR1LR



BUTTON PHOTOCELL LUMINAIRE SHOWN WITH PCI



1 Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2 When high voltage (HV) is specified, IMSBT, ALBCS ALBMRxLR control options are limited to 6L and 8L lumen packages.
3 IMSBTxL is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
4 Universal Voltage Only (120-277V). 20W Battery Backup only available 1L - 6L.
5 For applications with surface conduit.

PERFORMANCE

Delivered Lumens ¹												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	
1L	2	70	1,429	143	B1-U0-G1	1,524	152	B1-U0-G1	1,526	153	B1-U0-G1	10
	3		1,491	149	B0-U0-G1	1,590	159	B0-U0-G1	1,592	159	B0-U0-G1	
	FT		1,459	146	B0-U0-G1	1,556	156	B1-U0-G1	1,557	156	B1-U0-G1	
2L	2	70	1,851	142	B1-U0-G1	1,974	152	B1-U0-G1	1,976	152	B1-U0-G1	13
	3		1,930	148	B1-U0-G1	2,058	158	B1-U0-G1	2,060	158	B1-U0-G1	
	FT		1,889	145	B1-U0-G1	2,015	155	B1-U0-G1	2,017	155	B1-U0-G1	
3L	2	70	2,765	146	B1-U0-G1	2,950	155	B1-U0-G1	2,953	155	B1-U0-G1	19
	3		2,884	152	B1-U0-G1	3,077	162	B1-U0-G1	3,079	162	B1-U0-G1	
	FT		2,822	149	B1-U0-G1	3,010	158	B1-U0-G1	3,012	159	B1-U0-G1	
5L	2	70	4,655	133	B2-U0-G1	4,965	142	B2-U0-G1	4,970	142	B2-U0-G1	35
	3		4,855	139	B1-U0-G1	5,179	148	B1-U0-G1	5,184	148	B1-U0-G1	
	FT		4,750	136	B1-U0-G2	5,067	145	B1-U0-G2	5,072	145	B1-U0-G2	
6L	2	70	5,578	130	B2-U0-G1	5,950	138	B2-U0-G2	5,956	139	B2-U0-G2	43
	3		5,819	135	B1-U0-G2	6,207	144	B1-U0-G2	6,214	145	B1-U0-G2	
	FT		5,693	132	B1-U0-G2	6,073	141	B1-U0-G2	6,079	141	B1-U0-G2	
8L	2	70	7,531	123	B2-U0-G2	8,034	132	B2-U0-G2	8,041	132	B2-U0-G2	61
	3		7,856	129	B2-U0-G2	8,380	137	B2-U0-G2	8,388	138	B2-U0-G2	
	FT		7,687	126	B2-U0-G2	8,199	134	B2-U0-G2	8,207	135	B2-U0-G2	

Electrical Data - Current Draw AMPS ²						
Lumen Package	120V	208V	240V	277V	347V	480V
1L	0.08	0.05	0.04	0.04	0.03	0.02
2L	0.11	0.06	0.05	0.05	0.04	0.03
3L	0.16	0.09	0.08	0.07	0.05	0.04
5L	0.29	0.17	0.15	0.13	0.10	0.07
6L	0.36	0.21	0.18	0.16	0.12	0.09
8L	0.51	0.29	0.25	0.22	0.18	0.13

Recommended Lumen Maintenance - XWS ³					
Ambient Temperature C°	Initial ⁴	25K hrs. ⁴	50K hrs. ⁴	75K hrs. ⁵	100K hrs. ⁵
25	100%	95%	90%	85%	80%
40	100%	91%	82%	73%	65%

1 1L not available in HV
2 1L not available with controls.
3 Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
4 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
5 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

Mirada Small Silicone (XWS SIL)

Type : _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

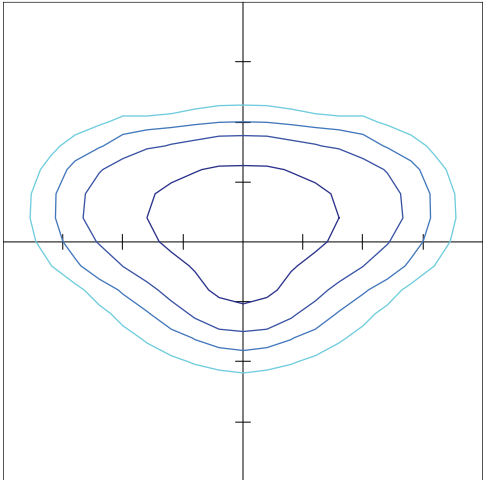
See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

XWS-LED-6L-SIL-2-40-70CRI

Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	5,951
Watts	42.5
Efficacy	138
IES Type	Type II - Short
BUG Rating	B1-U0-G1

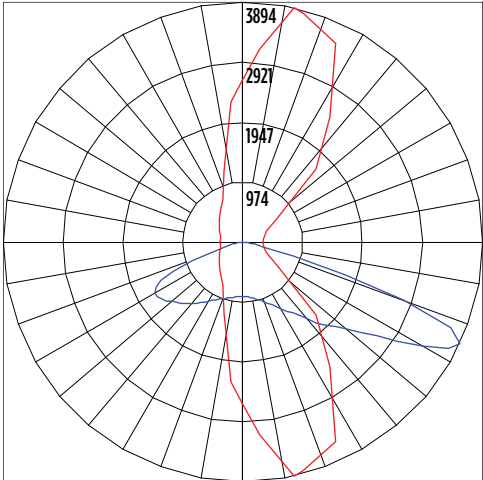
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	834	20%
Medium (30-60°)	3,379	50%
High (60-80°)	1,647	28%
Very High (80-90°)	91	1%
Uplight (90-180°)	0	0%
Total Flux	5,951	100%

ISO Footcandle



10' Mounting Height / 10' Grid Spacing
5 FC 2 FC 1 FC 0.5 FC

Polar Curve



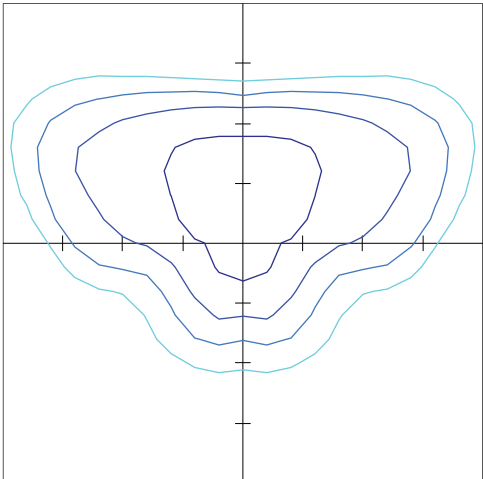
Vertical Plane Horizontal Cone

XWS-LED-6L-SIL-3-40-70CRI

Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,208
Watts	42.5
Efficacy	146
IES Type	Type III - Medium
BUG Rating	B1-U0-G2

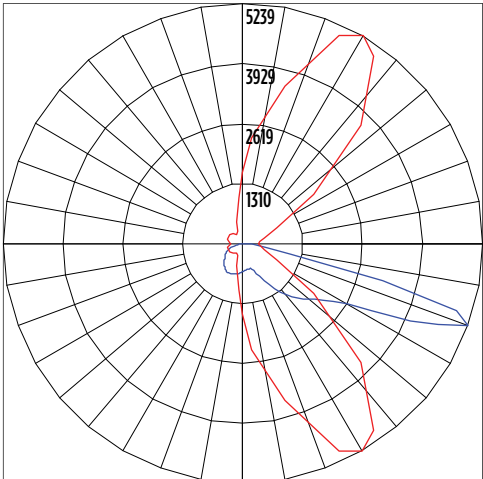
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	582	9%
Medium (30-60°)	2,997	48%
High (60-80°)	2,506	40%
Very High (80-90°)	124	2%
Uplight (90-180°)	0	0%
Total Flux	6,208	100%

ISO Footcandle



10' Mounting Height / 10' Grid Spacing
5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone

Mirada Small Silicone (XWS SIL)

Type : _____

 Have questions? Call us at (800) 436-7800

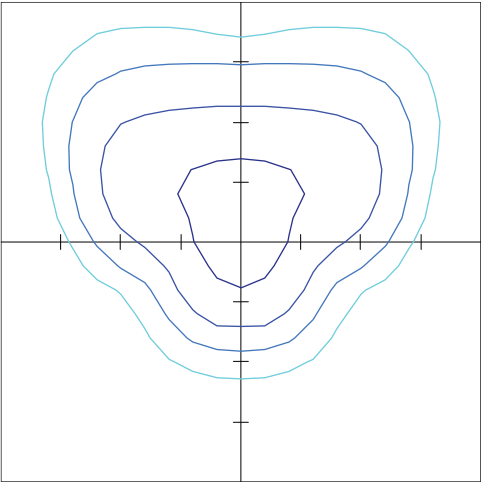
PHOTOMETRICS

XWS-LED-6L-SIL-FT-40-70CRI

Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,073
Watts	42.5
Efficacy	143
IES Type	Type IV - Short
BUG Rating	B1-U0-G2

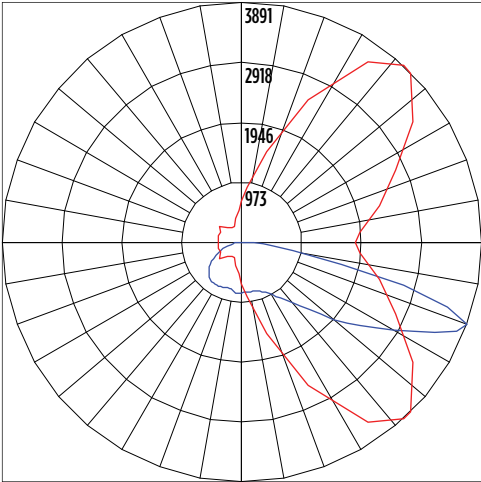
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	708.3	12%
Medium (30-60°)	2,715.5	45%
High (60-80°)	2,475.4	41%
Very High (80-90°)	173.6	3%
Uplight (90-180°)	0	0%
Total Flux	6,073	100%

ISO Footcandle



10' Mounting Height / 10' Grid Spacing
5 FC 2 FC 1 FC 0.5 FC

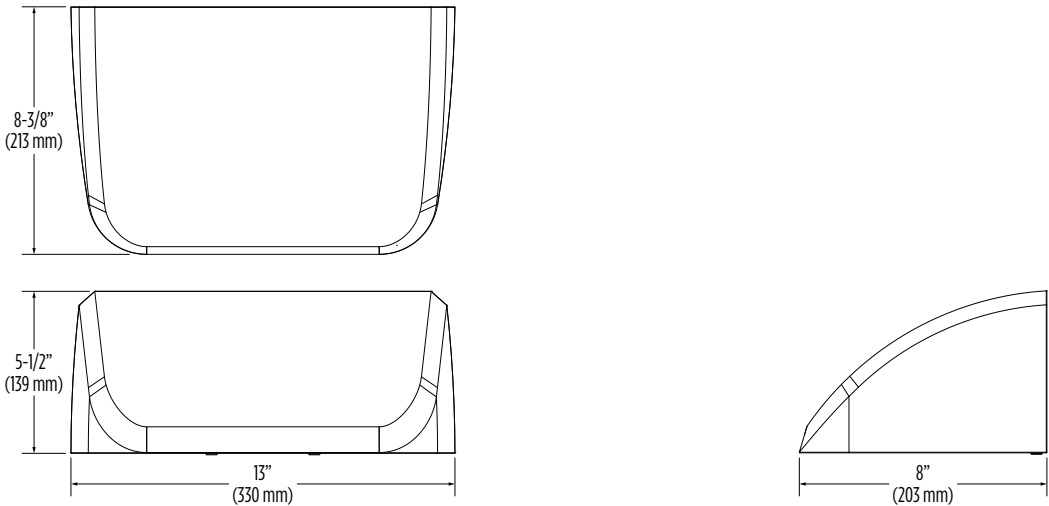
Polar Curve



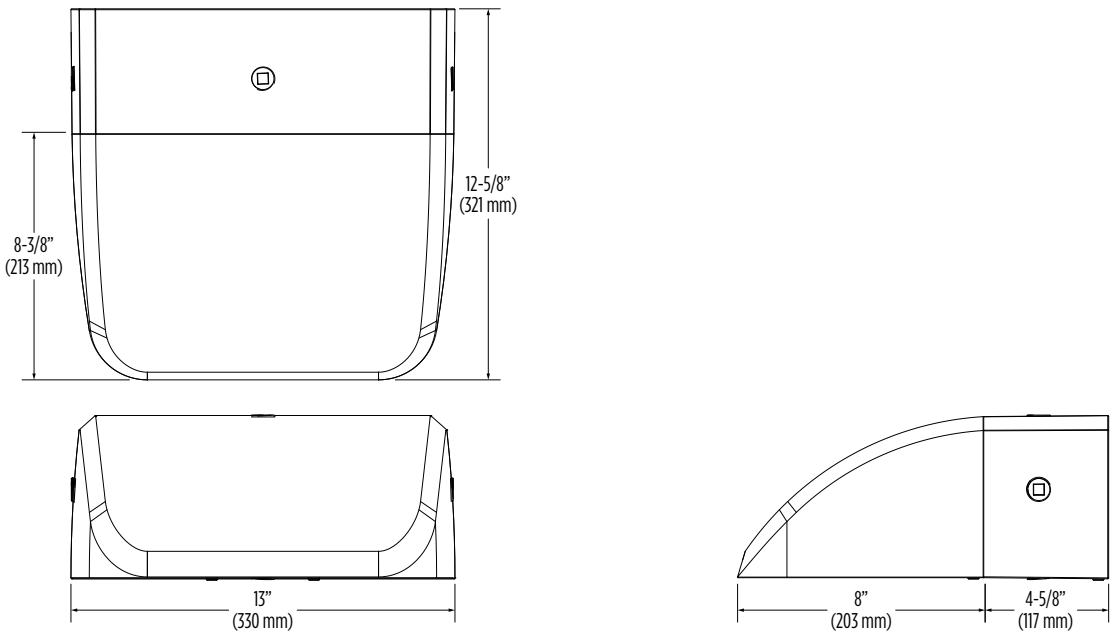
Vertical Plane Horizontal Cone

PRODUCT DIMENSIONS

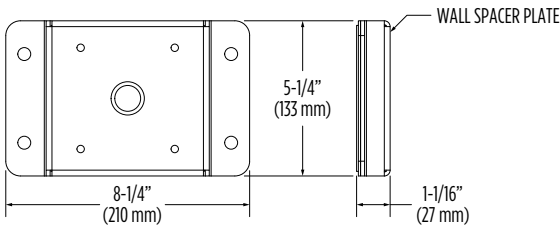
STANDARD HOUSING
(XWS)



SCWB EXTENDED HOUSING
(XWS 758274CLR)



XWS SPACER PLATE/WIRING BOX
(XWS 760159CLR)



NOTE: Wall spacer plate allows the luminaire to float off the wall and provides space for securing wires (8.25" X 5.25" X 1.07").

CONTROLS

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTxL)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is IP66 rated for cold and wet locations (-40°F to 167°F). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more details about IMSBT](#)



LEVITON App



Apple



Android

AirLink Wireless Lighting Controller (ALSC, ALSCS)

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more details about AirLink](#)

AirLink Blue (ALBMRxLR, ALBCSx)

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/ Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more details about AirLink Blue](#)



AirLink Blue App



Apple

Sensor Sequence of Operations

Standard Programming	On Event	Off Event	On Light Level	Dim Light Level	Daylight Harvesting	Delay To Off	Sensitivity
IMSBTxL	Motion	No Motion	100%	N/A	On; Auto Calibration	20 minutes	High

Operation	Description
On Event	Trigger that activates lights to turn on; either automatic via motion detected or manually activated via push of button.
Off Event	Trigger that activates lights to turn off; either automatic via no motion detected or manually activated via push of button.
On Light Level	The light level that the fixtures will turn on to when ON EVENT occurs.
Dim Light Level	The light level that the fixtures will dim down to when no motion is detected.
Delay to Dim	The amount of time after which no motion is detected that the fixtures will be triggered to dim down. This sequence is optional, and sensor can be programmed to only trigger the fixture to turn off by entering 100% in this field.
Delay to Off	The amount of time after which no motion is detected that the fixtures will be triggered to turn off. If delay to dim is part of the programmed functionality, this is the amount of time after which no motion is detected after the fixture have already dimmed down.
Sensitivity	The sensitivity can be set to high, medium, low, or auto where applicable. High will detect smaller, simple motions. Low will only detect larger more complex motions. Auto temperature calibration adjusts the PIR sensitivity as ambient temperature rises to increase detection of heat movement through the field of view.

From: [Myles Tucker](#)
To: adam.block@compass.com; mfachetti@verizon.net; [Paul Good](#); [Tim Bulger](#); [Mark Gluesing](#); [Justin McCullen](#)
Cc: [Lee Newman](#); [Alexandra Clee](#); [J.P. Cacciaglia](#); [Molly Pollard](#); [Dave Davison](#); [Tyler Gabrielski](#); [Carys Lustig](#); [Gabrielle Queenan](#); [Elisa Litchman](#)
Subject: Downtown Redesign Working Group - Committee Membership
Date: Wednesday, August 14, 2024 4:33:33 PM
Attachments: [image001.png](#)
[image002.png](#)
[Needham Center Project Working Group FINAL.pdf](#)

Good Afternoon,

At its meeting last night, the Select Board established the Downtown Redesign Working Group.

The following board/committees have an assigned spot for a member on the DRWG:

- Select Board
- Planning Board
- Finance Committee
- Needham Community Revitalization Trust Fund
- Mobility Planning Coordination Committee
- Climate Action Committee
- Design Review Board
- Transportation Safety Committee
- Council of Economic Advisors

As the Chair of one of the above bodies, the Select Board asks that you provide the name of the member of your board/committee who will serve on the DRWG. To facilitate an early fall convening of the working group, please consider recommending this member at/during your next scheduled meeting.

For reference, the DRWG Charge and full composition is attached.

Please let me know if you have any questions.

Best,
Myles

--

Myles Tucker
He/Him/His
Support Services Manager

Town of Needham
Town Hall
1471 Highland Avenue
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Town of Needham

Needham Center Project Working Group

Charge & Composition

Type:	Ad hoc
Legal Reference:	Select Board Vote
Appointing Authority:	Select Board
Number of Voting Members:	Fifteen (15)
Term of Appointment	3 Years
Special Municipal Employee	Yes
Staff Support	Department of Public Works

Member	Seat	Year Appointed	Term Expiration
	Select Board Member		
	Planning Board Member		
	Finance Committee Member		
	Needham Community Revitalization Trust Fund Member		
	Mobility Planning and Coordination Committee Member		
	Climate Action Committee Member		
	Design Review Board Member		
	Transportation Safety Committee Member		
	Council of Economic Advisors Member		
	Needham Center Small Business Owner		
	Needham Center Restaurant Owner		

	Needham Center Property Owner		
	Resident At-Large		
	Resident At-Large		
	Director of Public Works or designee (ex- officio)		

Composition:

- One (1) member of the Select Board*
- One (1) member of the Transportation Safety Committee
- One (1) member of the Needham Revitalization Trust Fund Commission
- One (1) member of the Council of Economic Advisors
- One (1) member of the Planning Board
- One (1) member of the Finance Committee
- One (1) member of the Mobility Planning and Coordination Committee
- One (1) member of the Climate Action Committee
- One (1) member of the Design Review Board
- One (1) small business owner in Needham Center
- One (1) restaurant owner in Needham Center
- One (1) property owner in Needham Center
- Two (2) residents at large
- The Director of Public Works or Designee*

* Regular municipal employees serving on the Committee remain regular municipal employees, even though the committee members are designated as special municipal employees

Purpose: The purpose of the working group is to provide input and feedback to the Department of Public Works and its consulting engineers on the design and layout of the Needham Center/Great Plain Avenue project.

Charge: The charge of the working group is to:

- Meet regularly with Town staff and consulting engineers to provide input.
- Ensure that constituency needs and desires are considered.
- Report back to constituencies to ensure clear communication on progress.
- Help staff and consulting engineers narrow concept choices.
- Make recommendations to the Select Board on key milestones and decision points.
- Participate in community outreach efforts.
- Make recommendations for funding, as appropriate.

Charge Adopted: [DATE] **Charge Revised:**

SME Status Voted: [DATE]