

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



FOR OFFICE USE ONLY:

Paid _____ Receipt # _____
Date received _____
Received by _____
Aldermanic District _____
Zoning District _____
Urban Design District _____
Submittal reviewed by _____
Registrar # _____

RECEIVED 11/16/2020 11:58 p.m.

Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

1. Project Information

Address: 1825 & 1837 Aberg Ave, Madison, WI 53704

Title: _____

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested December 2, 2020

- ☐ New development ☒ Alteration to an existing or previously-approved development
☐ Informational ☐ Initial approval ☐ Final approval

3. Project Type

- ☐ Project in an Urban Design District
☐ Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
☐ Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
☐ Planned Development (PD)
☐ General Development Plan (GDP)
☐ Specific Implementation Plan (SIP)
☒ Planned Multi-Use Site or Residential Building Complex

Signage

- ☐ Comprehensive Design Review (CDR)
☐ Signage Variance (i.e. modification of signage height, area, and setback)
☐ Signage Exception

Other

- ☐ Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name Alf G. McConnell
Street address 2677 Orrington Avenue
Telephone 847-491-9707

Company Liberty Mortgage & Development Company
City/State/Zip Evanston, IL 60201
Email alfmcconnell@gmail.com

Project contact person Kevin Burow
Street address 7601 University Ave
Telephone 608-836-3690

Company Knothe & Bruce Architects
City/State/Zip Middleton, WI 53562
Email kburow@knothebruce.com

Property owner (if not applicant) Madisonian Development, LLC
Street address c/o Alf McConnell, 2677 Orrington Ave.
Telephone 847-491-9707
City/State/Zip Evanston, IL
Email alfmcconnell@gmail.com

5. Required Submittal Materials

- ☐ Application Form
- ☐ Letter of Intent
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- ☐ Development Plans (Refer to checklist on Page 4 for plan details)
- ☐ Filing fee
- ☐ Electronic Submittal*
- ☐ Notification to the District Alder
 - Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

Each submittal must include fourteen (14) 11" x 17" **collated** paper copies. Landscape and Lighting plans (if required) must be **full-sized and legible**. Please refrain from using plastic covers or spiral binding.

Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Colin Punt, Janine Glaeser, and Julie Cleveland on November 13, 2020.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant Alf G. McConnell

Relationship to property Manager of Ownership entity

Authorizing signature of property owner Alfred G. McConnell

Date 11/16/20

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000.

Please consult the schedule below for the appropriate fee for your request:

- ☐ Urban Design Districts: \$350 (per §35.24(6) MGO).
- ☐ Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX): \$150 (per §33.24(6)(b) MGO)
- ☐ Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- ☐ Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- ☐ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. Applicants may, at their discretion, request to make an Informational Presentation to the UDC prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Variance requests)
- Initial Approval. Applicants may, at their discretion, request initial approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the initial approval must be addressed at this time.

Presentations to the Commission

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics.

When presenting projects to the UDC, applicants must fill out a registration slip provided in the meeting room and present it to the Secretary. Presentations should generally be limited to 5 minutes or as extended by motion by consent of the Commission. The Commission will withhold questions until the end of the presentation.

Applicants are encouraged to consider the use of various graphic presentation material including a locator map, photographs, renderings/model, scale drawings of the proposal in context with adjacent buildings/uses/signs, etc., as may be deemed appropriate to describe the project and its surroundings. Graphics should be mounted on rigid boards so that they may be easily displayed. **Applicants/presenters are responsible for all presentation materials, AV equipment and easels.**

November 16, 2020



Heather Stouder
Department of Planning & Community & Economic Development
Madison Municipal Building, Suite 017
215 Martin Luther King Jr. Blvd
P.O. Box 2985
Madison, Wisconsin 53701-2985

Re: Letter of Intent
1825 & 1837 Aberg Ave
Madison, WI

Ms. Heather Stouder,

The following is submitted together with the plans and application for staff review and sign-off.

Organizational Structure:

Owner/Developer:	Madisonian Development, LLC 2677 Orrington Ave Evanston, IL 60201 Phone: 847-491-1907 Contact: Alf G. McConnell alfmccconnell@gmail.com	Engineer:	Vierbicher Engineering, Inc. 999 Fourier Drive Suite 201 Madison, WI 53717 Phone: 608-862-0532 Fax: 608-826-0530 Contact: John Kastner jkas@vierbicher.com
Architect:	Knothe & Bruce Architects, LLC 7601 University Avenue, Ste. 201 Middleton, WI 53562 Phone: 608-836-3690 Contact: Kevin Burow kburow@knothebruce.com	Landscape Design:	Vierbicher Engineering, Inc. 999 Fourier Drive Suite 201 Madison, WI 53717 Phone: 608-826-0530 Contact: John Kastner jkas@vierbicher.com

Introduction:

The proposed site is located on the southwest corner of Aberg Ave and Huxley St. The property is zoned at CC-T – Commercial Corridor - Transitional District and will stay the same.

This proposal will create a building with a four-story, L-shaped, age-restricted, multi-family building with 63 apartments of housing financed with the assistance of Low-Income Housing Tax Credits. The second building will contain six three-bedroom two-story townhouse units that are not age restricted. The existing structures which include a small garage at 1825 Aberg Ave and an attorney office at 1837 Aberg Ave will be deconstructed for the redevelopment of the site.

Project Description:

The new development consists of a new four-story, “L-shaped” building that creates an attractive edge along the public streets and a private interior courtyard. There is a shared garden space on the south edge of the site. The commercial space is located in the northwest corner of the building, fronting on Aberg Avenue and the parking area. The building will include 45 underground parking stalls and 25 surface stalls.

This site is well suited for public transportation access as it is located adjacent to Madison Metro’s North Transfer Point.

The building architecture references both the residential and commercial characteristics of the area. The exterior materials will be a combination of masonry with a cast stone base and horizontal composite siding. Landscaping along the two streets enhance the building and provide an attractive buffer and streetscape.

Affordable Housing

The proposed project is designed and financed to provide affordable housing to a range of family sizes and incomes. Unit sizes range from one bedroom to three-bedroom apartments. Of the 69 apartments and townhomes, 49 will be income-restricted. All of the three-bedroom townhomes will be income restricted providing an opportunity for families to live in a high-quality housing environment.

This project will be financed with the assistance of federal LIHTC’s that are administered by the Wisconsin Housing and Economic Development Authority.

Demolition

The existing site currently has existing structures. We believe that the demolition standards can be met as these are not historic structures or significant to this area of the city. The demolition allows for an important redevelopment that will provide affordable housing to this neighborhood. A Re-use and Recycling Plan will be submitted prior to the deconstruction of the structure.

Conditional Use approvals:

The proposed redevelopment requires conditional uses to allow for a residential building with more than 8 units and also for a building larger than 40,000 sq.ft.. The proposed building’s size, scale and use are consistent with the City’s Comprehensive Plan for this property, which calls for Community Mixed Use in 2-6 stories.

City and Neighborhood Input:

We have met with the City on several occasions for this proposed development including meetings with Staff and attending a DAT Meeting. We have also had meetings with the Alder and the neighborhood to understand their goals and desires with this redevelopment. These discussions have helped shape the overall design of this project.

Site Development Data:

Densities:

Lot Area	59,441 / 1.364 acres
Dwelling Units	69 DU
Lot Area / D.U.	861 S.F./D.U.

Density	51 units/acre
Open Space	20,631 S.F. (14,560 S.F. Min. Required)
Lot Coverage	40,600 S.F. = (50,525 S.F. 85% Max Required)

Building Height: 2 and 4 Stories

Gross Floor Areas:

Residential Area	66,328 S.F.
Commercial Area	1,112 S.F.

Floor Area Ratio 1.13

Dwelling Unit Mix:

One Bedroom	45
Two Bedroom	18
Three Bedroom	6
Total Dwelling Units	69

Vehicle Parking:

Surface	25 stalls*
<u>Underground</u>	<u>45 stalls</u>
Total	70 stalls

Bicycle Parking:

Protected and Secure Surface Stalls	63 stalls
Surface Stalls for Visitors	8 stalls
<u>Surface Stalls for Commercial</u>	<u>2 stalls</u>
Total	73 stalls*

Project Schedule:

It is anticipated that the construction on this site will start in Spring 2021 with a final completion of Spring 2022.

Thank you for your time reviewing our proposal.

Sincerely,



Kevin Burow, AIA, NCARB, LEED AP
Managing Member

Demolition Photos

1837 Aberg Ave

Exterior Photos:



1837 Aber Ave

Interior Photos:



1837 Aber Ave

Interior Photos:



ISSUED

PROJECT TITLE
Aberg Avenue
Housing
Development
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841- 1851 Aberg Ave.
Madison, Wisconsin

SHEET TITLE

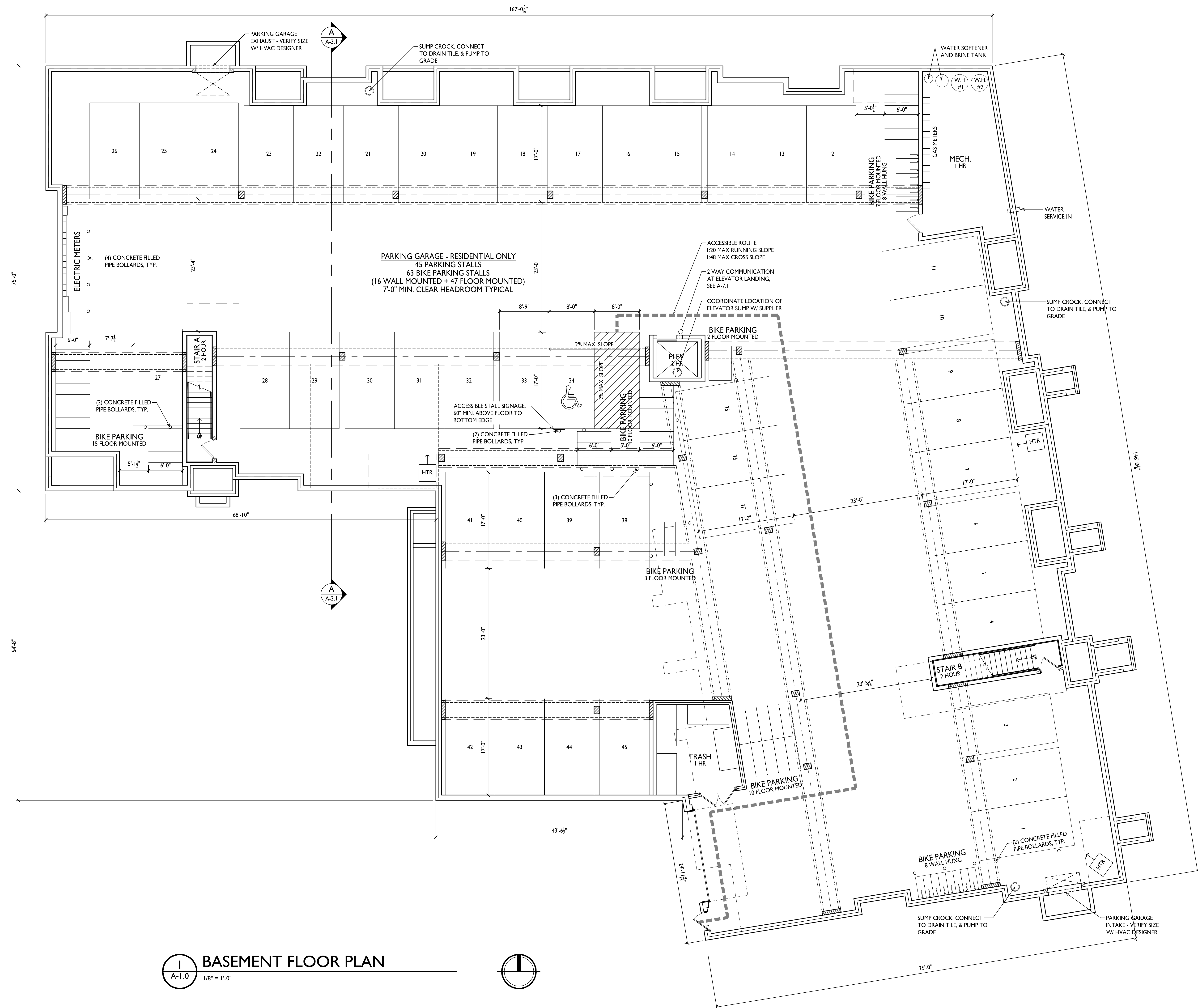
Basement Floor Plan

SHEET NUMBER

A-1.0

PROJECT NO. 1974

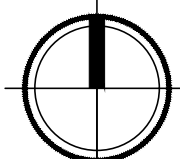
© Knothe & Bruce Architects, LLC



BASEMENT FLOOR PLAN



FIRST FLOOR PLAN
1/8" = 1'-0"



ISSUED

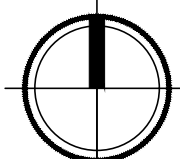
PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
First Floor Plan

SHEET NUMBER



I SECOND FLOOR PLAN
A-1.2 1/8" = 1'-0"



knothe • bruce
ARCHITECTS
Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for Review - October 7, 2020

PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
Second Floor Plan

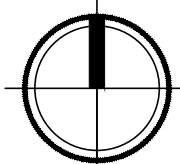
SHEET NUMBER

A-1.2

PROJECT NO. **1974**
© Knothe & Bruce Architects, LLC



I
A-1.3
THIRD FLOOR PLAN
1/8" = 1'-0"



knothe • bruce
ARCHITECTS
Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562

ISSUED

PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
Third Floor Plan

SHEET NUMBER

A-1.3

PROJECT NO. **1974**
© Knothe & Bruce Architects, LLC



knothe • bruce
ARCHITECTS

Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562

ISSUED

PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
Fourth Floor Plan

SHEET NUMBER

A-1.4

PROJECT NO. 1974

© Knothe & Bruce Architects, LLC



FOURTH FLOOR PLAN
1/8" = 1'-0"



knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for Review - October 7, 2020
Issued for UDC Submittal - November 16, 2020

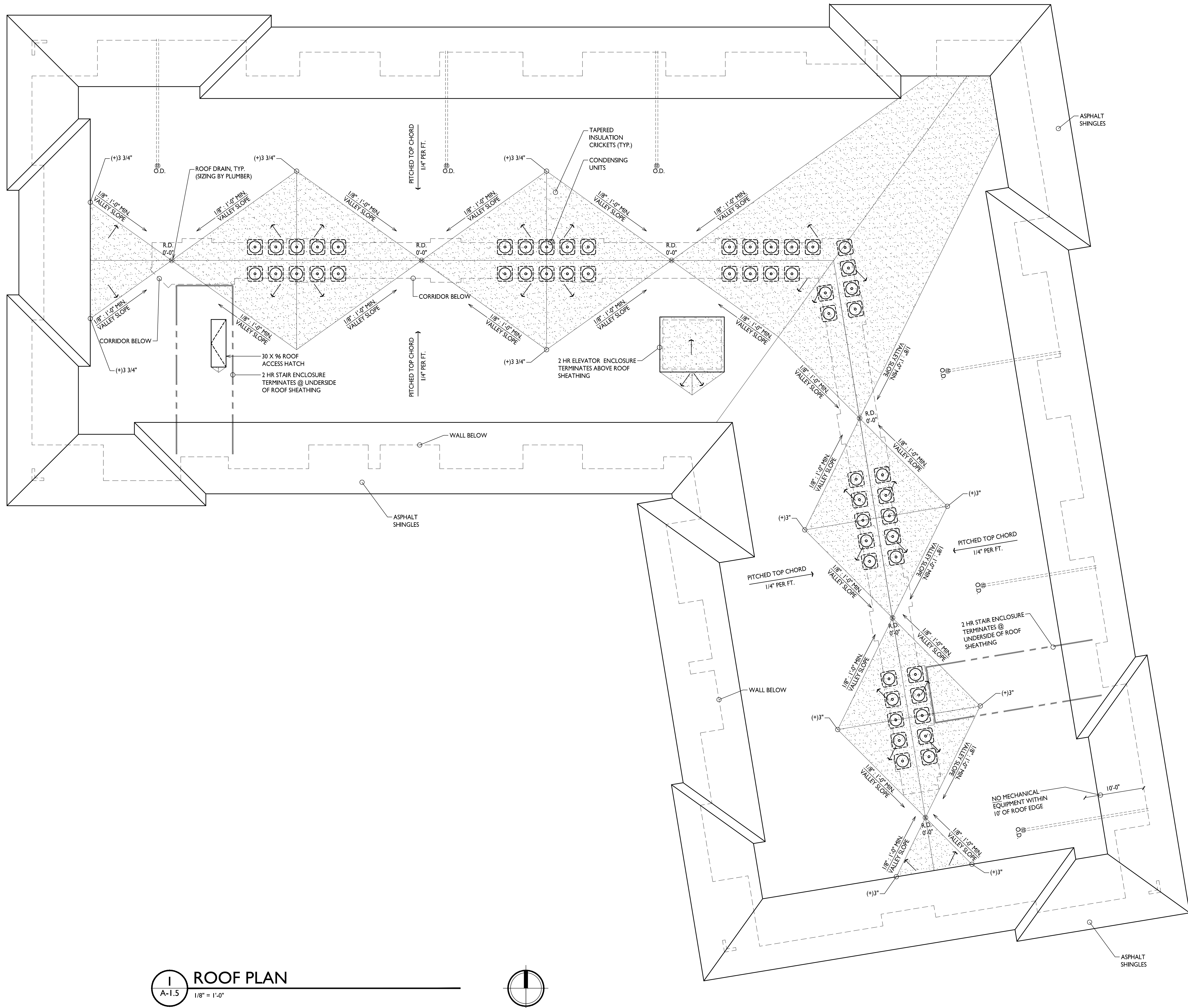
PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
Roof Plan

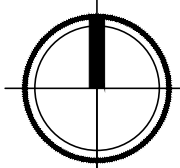
SHEET NUMBER

A-1.5

PROJECT NO. **1974**
© Knothe & Bruce Architects, LLC



ROOF PLAN
A-1.5 1/8" = 1'-0"





knothe • bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

A-2.1

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



1 NORTH ELEVATION
A-2.1 1/8" = 1'-0"



2 EAST ELEVATION
A-2.1 1/8" = 1'-0"

Original

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



knothe • bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

A-2.1

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



1 NORTH ELEVATION
A-2.1 1/8" = 1'-0"



2 EAST ELEVATION
A-2.1 1/8" = 1'-0"

Proposed

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



knothe • bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

A-2.2

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



2 SOUTH WEST ELEVATION
A-2.2 1/8" = 1'-0"



1 SOUTH EAST ELEVATION
A-2.2 1/8" = 1'-0"



4 WEST ELEVATION
A-2.2 1/8" = 1'-0"



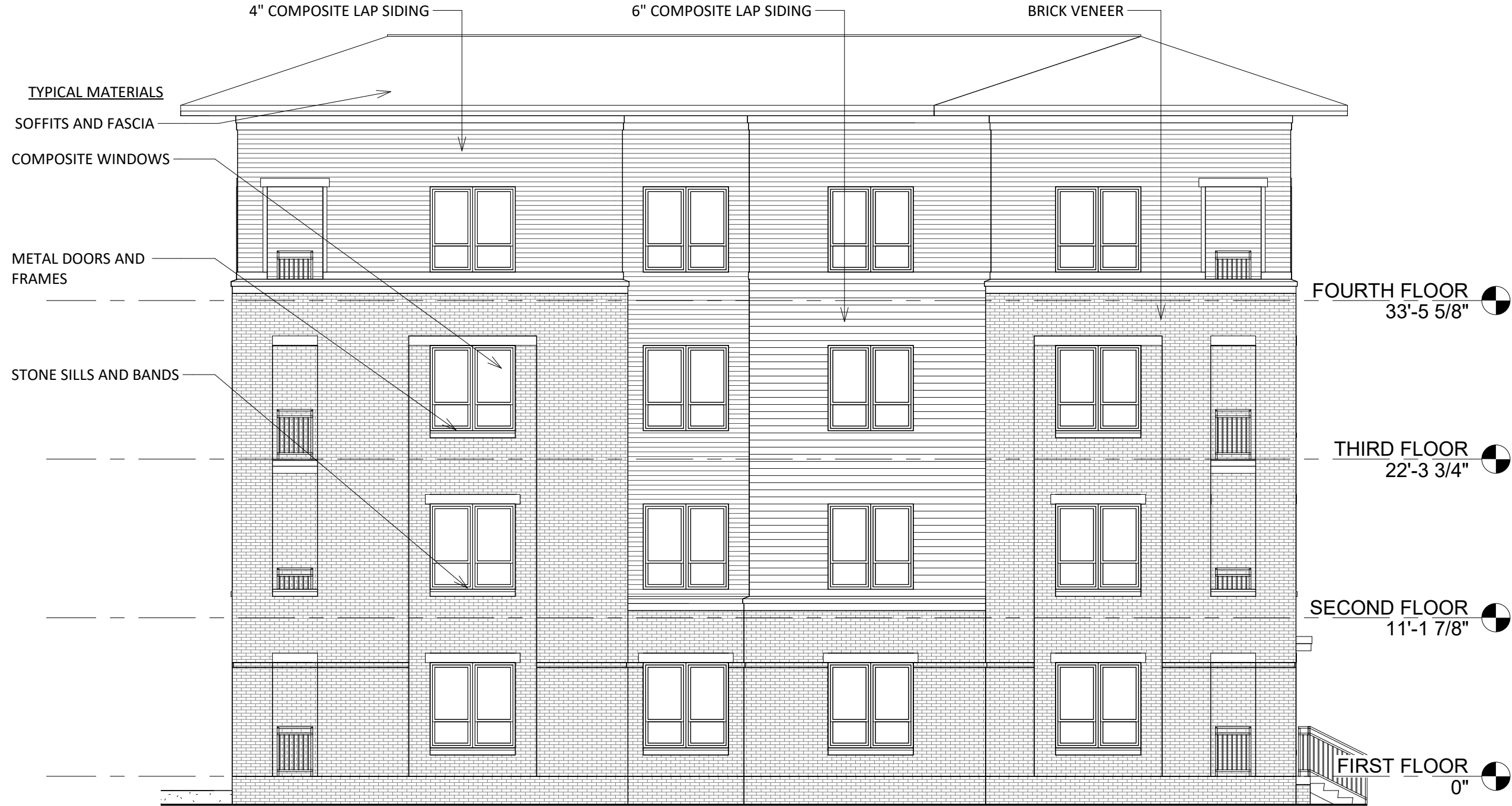
3 SOUTH ELEVATION
A-2.2 1/8" = 1'-0"

Original

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



2 SOUTH WEST ELEVATION
A-2.2 1/8" = 1'-0"



1 SOUTH EAST ELEVATION
A-2.2 1/8" = 1'-0"



4 WEST ELEVATION
A-2.2 1/8" = 1'-0"



3 SOUTH ELEVATION
A-2.2 1/8" = 1'-0"

Proposed

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



knothe • bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

A-2.2

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



knothe + bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATION
COLOR

SHEET NUMBER

A-2.4

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



1 NORTH ELEVATION - COLOR
A-2.4 1/8" = 1'-0"



2 EAST ELEVATION - COLOR
A-2.4 1/8" = 1'-0"

Original

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



knothe + bruce
ARCHITECTS
knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

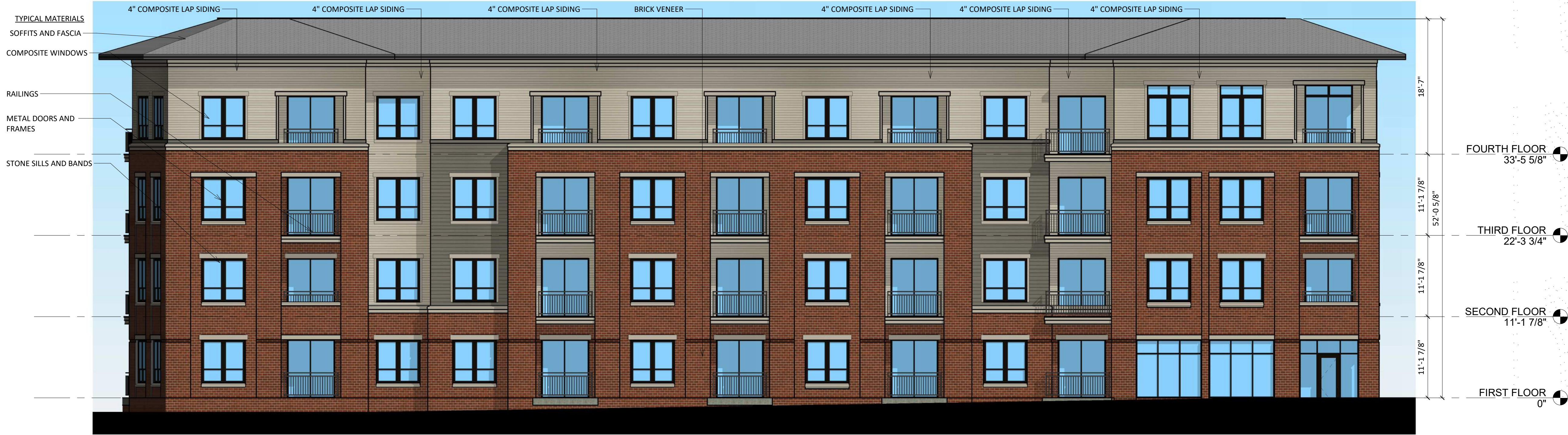
SHEET TITLE
EXTERIOR
ELEVATION
COLOR

SHEET NUMBER

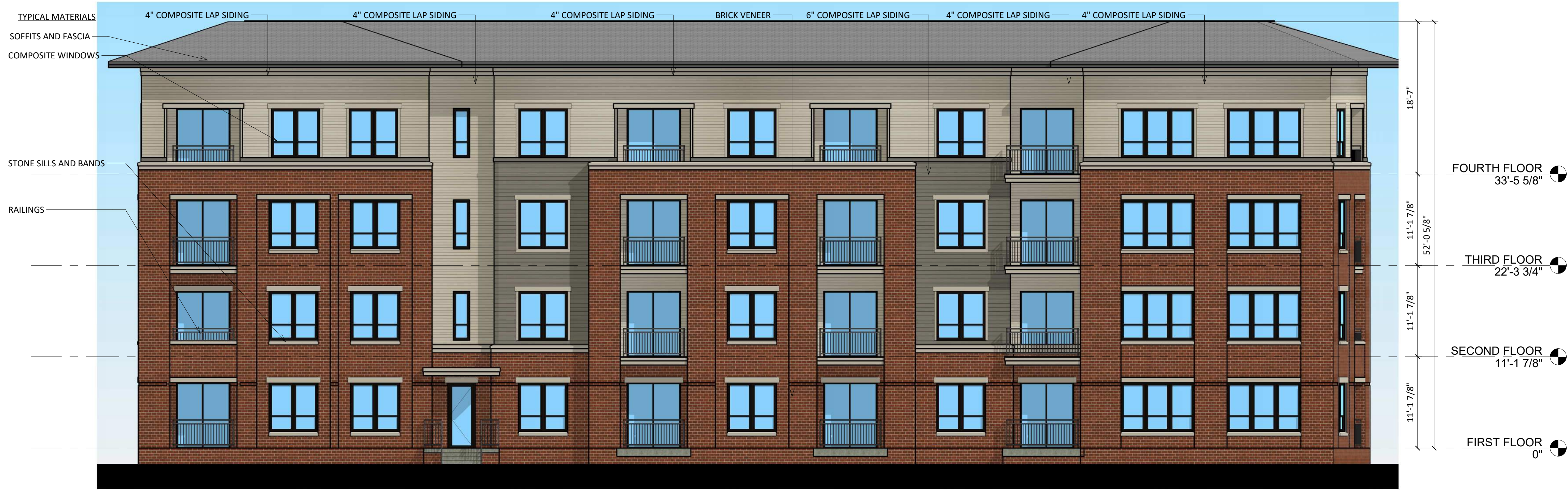
A-2.4

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



1
A-2.4
NORTH ELEVATION - COLOR
1/8" = 1'-0"



2
A-2.4
EAST ELEVATION - COLOR
1/8" = 1'-0"

Proposed

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



2 SOUTH WEST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



4 WEST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



1 SOUTH EAST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



3 SOUTH ELEVATION - COLOR
A-2.5 1/8" = 1'-0"

Original

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



knothe • bruce
ARCHITECTS

knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS
COLOR

SHEET NUMBER

A-2.5

PROJECT NUMBER 1974

© Knothe & Bruce Architects, LLC



2 SOUTH WEST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



4 WEST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



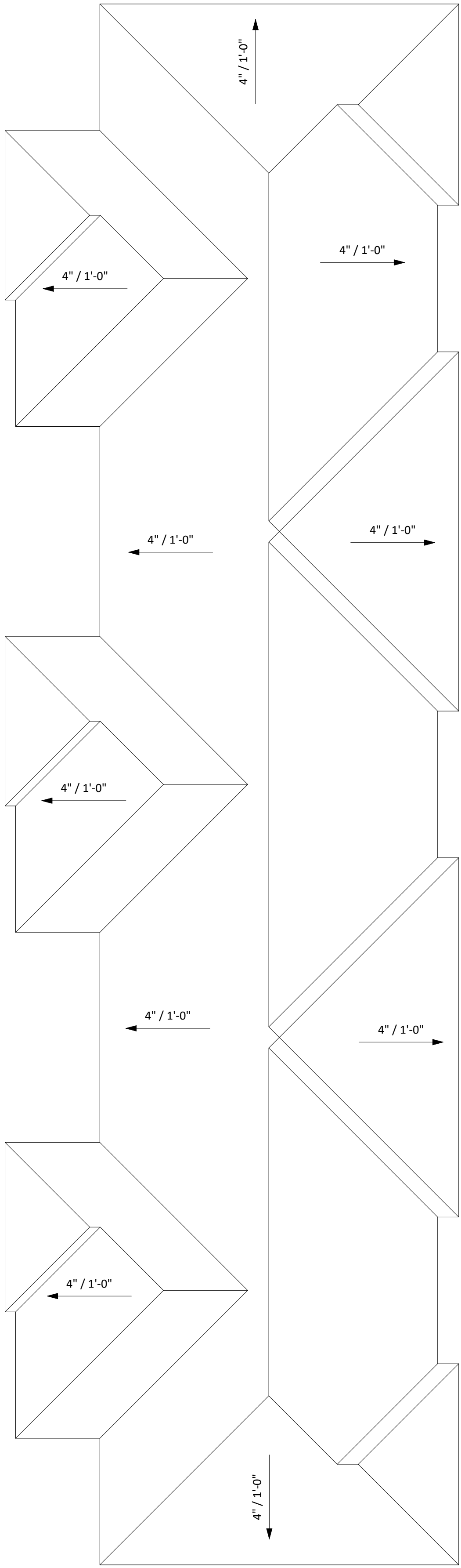
1 SOUTH EAST ELEVATION - COLOR
A-2.5 1/8" = 1'-0"



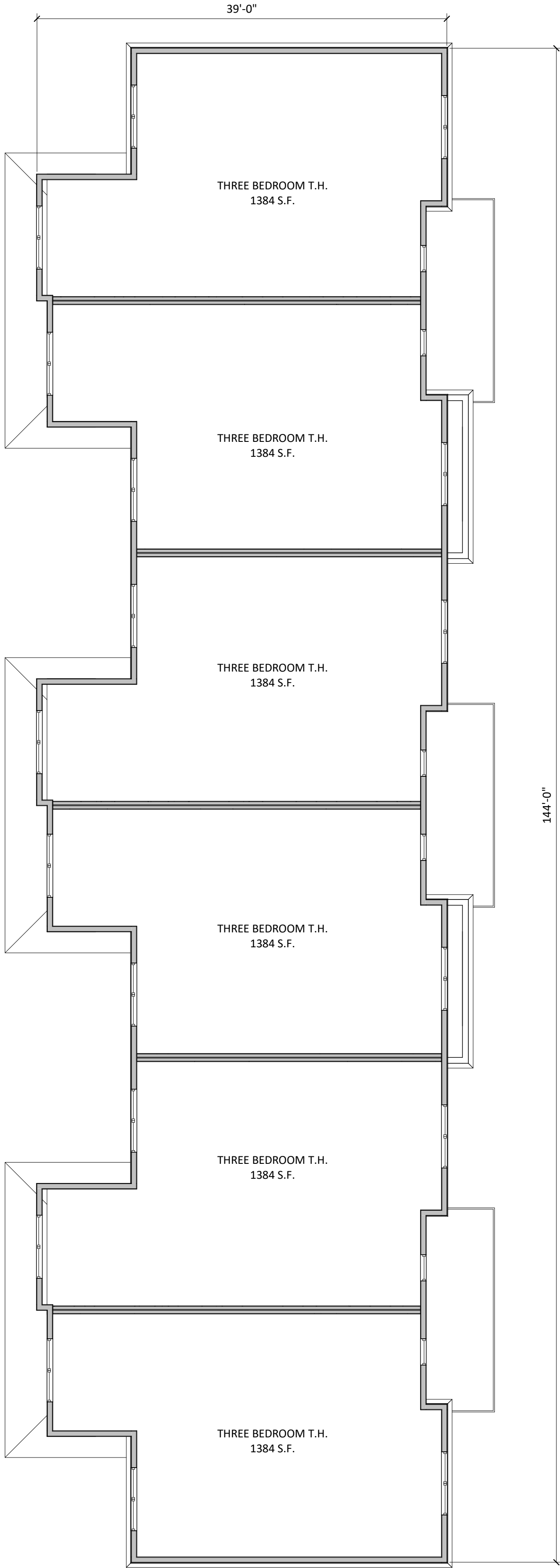
3 SOUTH ELEVATION - COLOR
A-2.5 1/8" = 1'-0"

Proposed

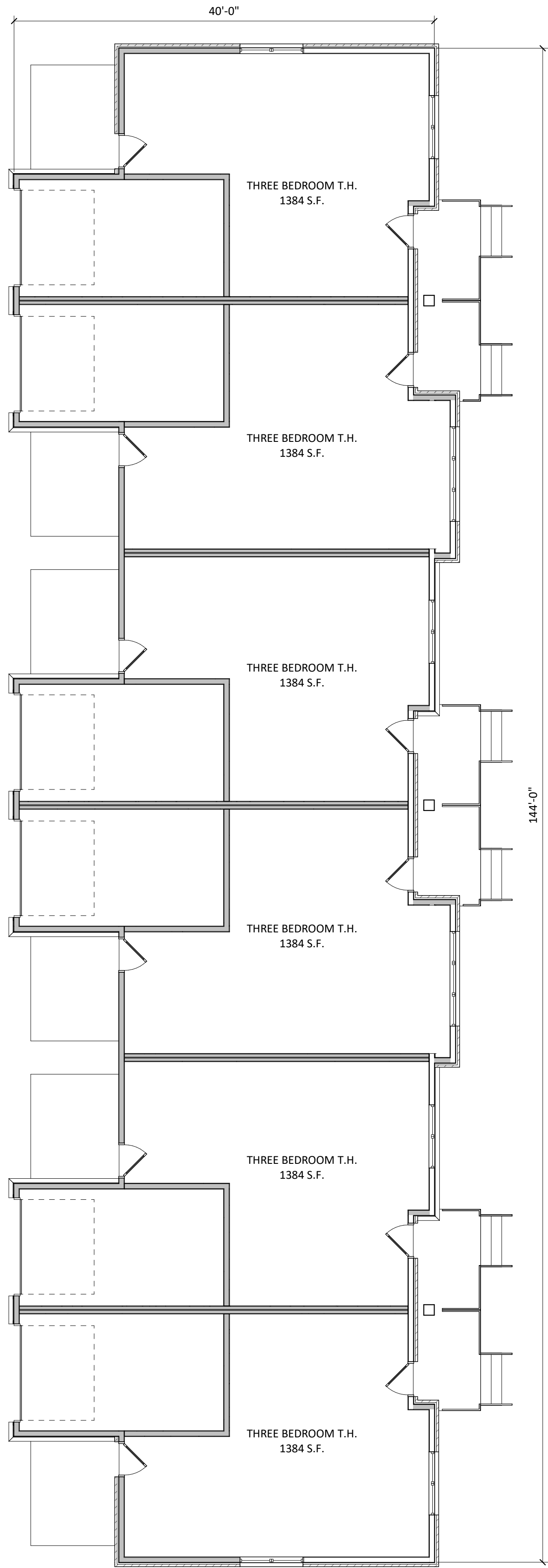
EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



3 TH - ROOF PLAN
A-1.6 1/8" = 1'-0"



2 TH - SECOND FLOOR
A-1.6 1/8" = 1'-0"



1 TH - FIRST FLOOR
A-1.6 1/8" = 1'-0"



knothe • bruce
ARCHITECTS
knothebruce.com 608.836.3890
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

ISSUED
Issued for Land Use - May 20, 2020

PROJECT TITLE
ABERG
AVENUE
HOUSING
DEVELOPMENT

1825 & 1837
ABERG AVE
MADISON, WI

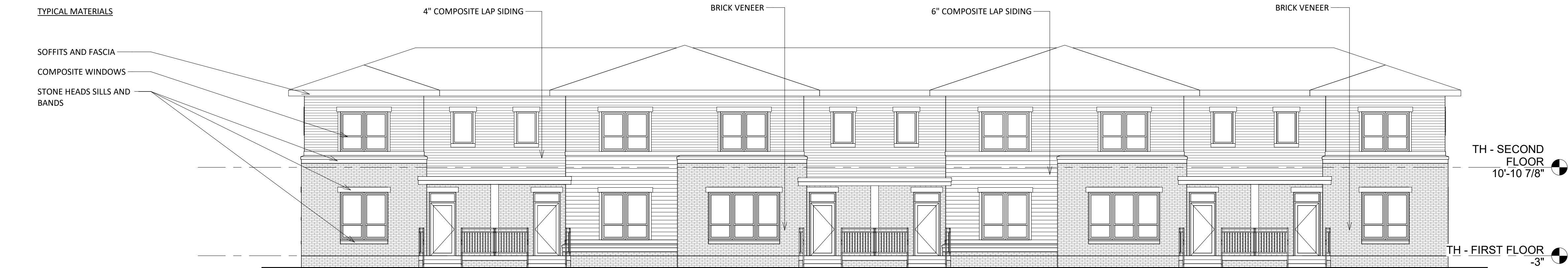
SHEET TITLE
TOWNHOME
FLOOR PLANS

SHEET NUMBER

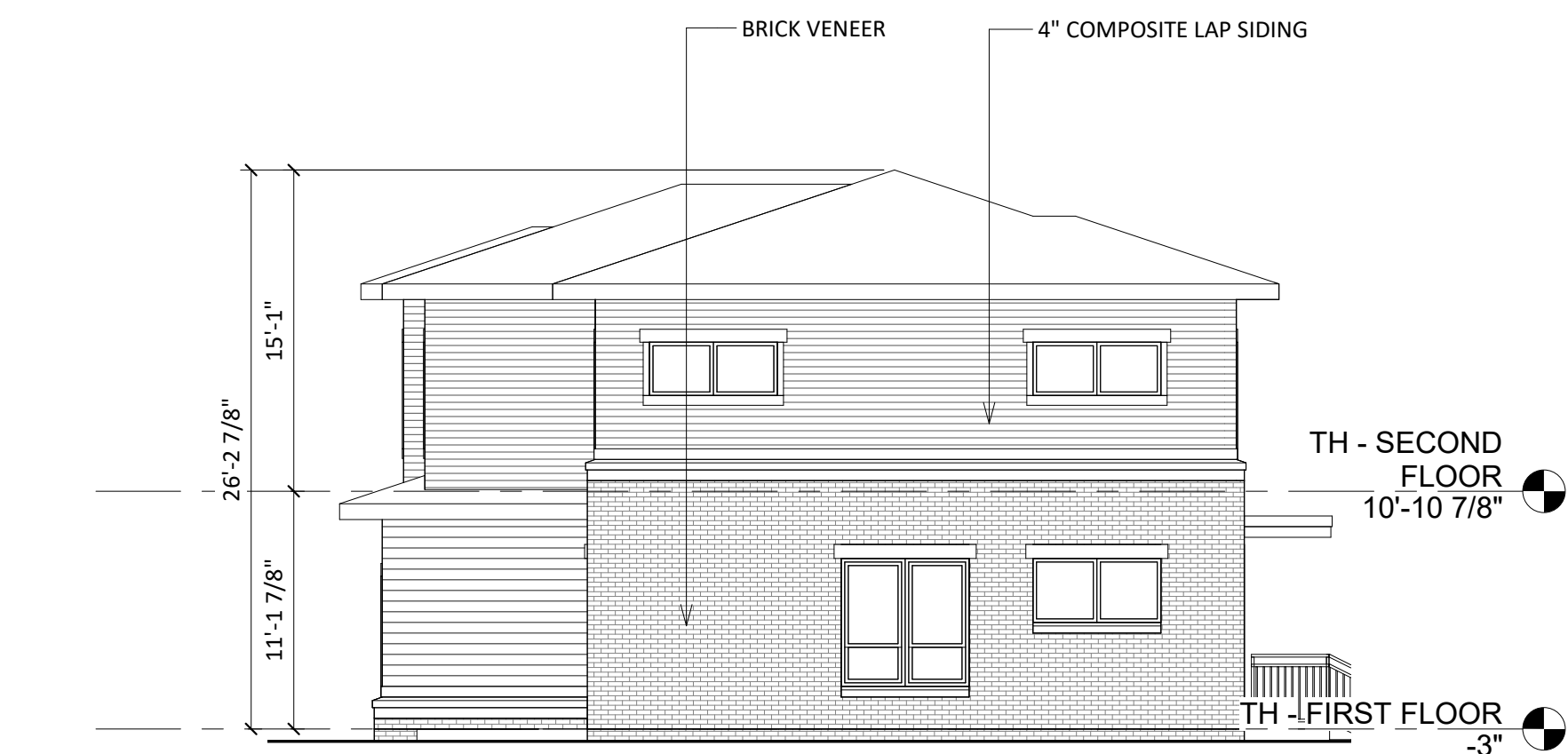
A-1.6

PROJECT NUMBER 1974

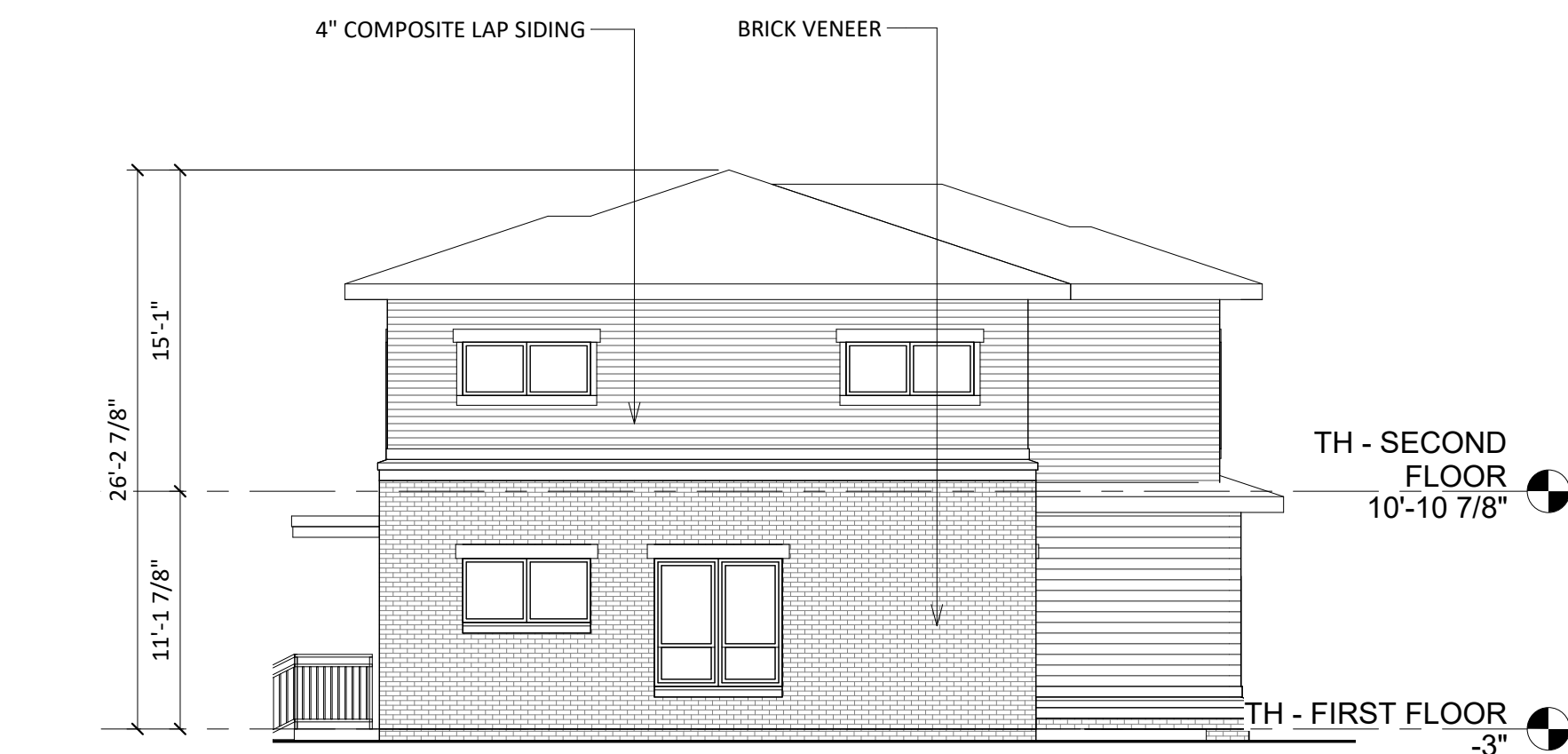
© Knothe & Bruce Architects, LLC



1 TH - EAST ELEVATION
A-2.3 1/8" = 1'-0"



3 TH - SOUTH ELEVATION
A-2.3 1/8" = 1'-0"



2 TH - NORTH ELEVATION
A-2.3 1/8" = 1'-0"



4 TH - WEST ELEVATION
A-2.3 1/8" = 1'-0"

Original -
unchanged

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



1 TH - WEST ELEVATION - COLOR
1/8" = 1'-0"



2 TH - SOUTH ELEVATION - COLOR
1/8" = 1'-0"



3 TH - NORTH ELEVATION - COLOR
1/8" = 1'-0"



4 TH - EAST ELEVATION - COLOR
1/8" = 1'-0"

Original -
unchanged

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
4" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NAVAJO BEIGE
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AGED PEWTER
COMPOSITE TRIM	JAMES HARDIE	NAVAJO BEIGE
BRICK VENEER	ACME BRICK	GARNET - VELOUR TEXTURE
COMPOSITE WINDOWS	ANDERSON	TAN
ALUM. STOREFRONT	N/A	BLACK
METAL DOORS/FRAMES	N/A	NAVAJO BIEGE
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH COMPOSITE TRIM
SOFFITS & FASCIA	N/A	NAVAJO BEIGE
RAILINGS	SUPERIOR	BLACK



Aberg Avenue
Housing Development
1825&1837 Aberg Ave. Madison WI
EXTERIOR RENDERED PERSPECTIVE





Aberg Avenue
Housing Development
1825&1837 Aberg Ave. Madison WI
EXTERIOR RENDERED PERSPECTIVE



Aberg Avenue
Housing Development
1825&1837 Aberg Ave. Madison WI
EXTERIOR RENDERED PERSPECTIVE





Aberg Avenue
Housing Development
1825&1837 Aberg Ave. Madison WI
EXTERIOR RENDERED PERSPECTIVE





knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

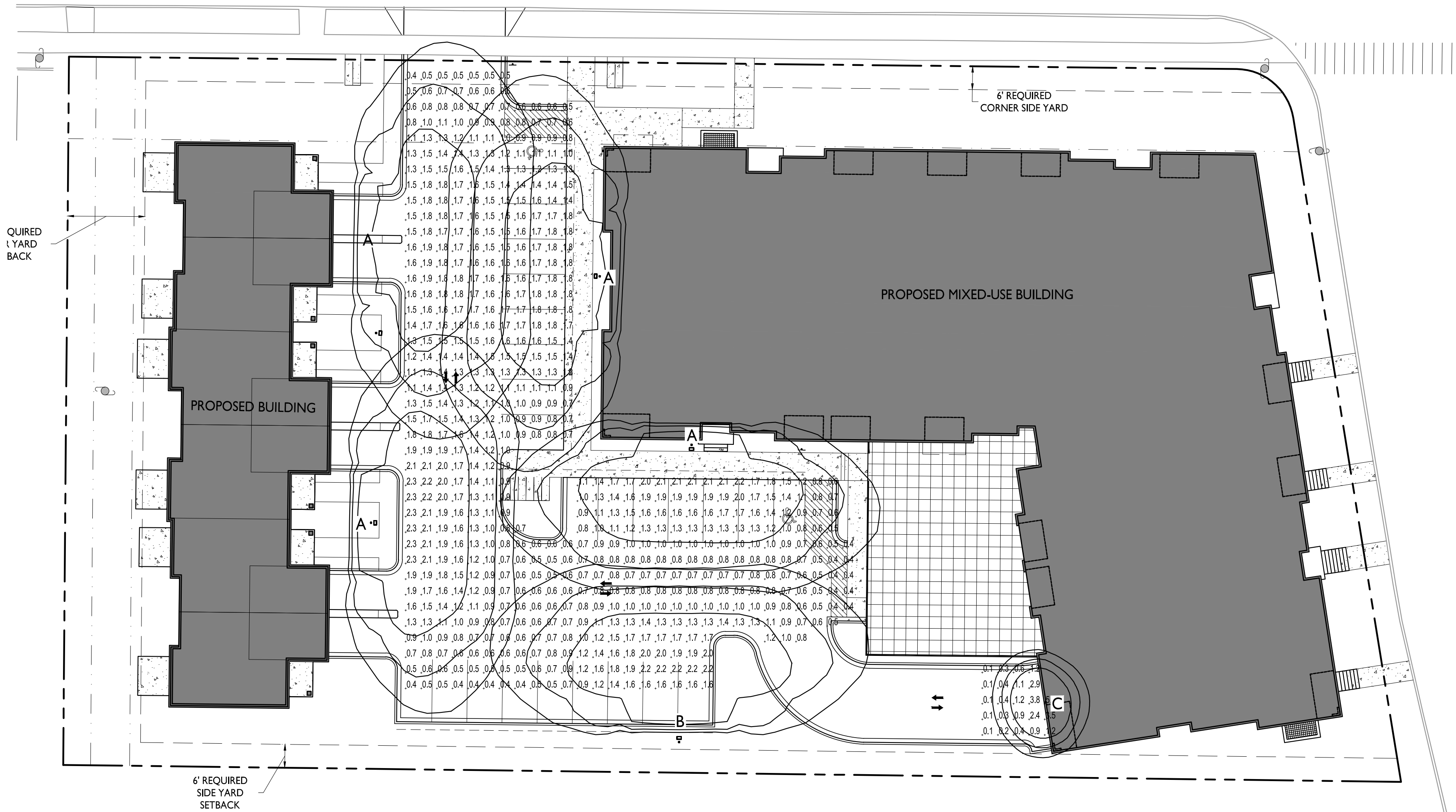
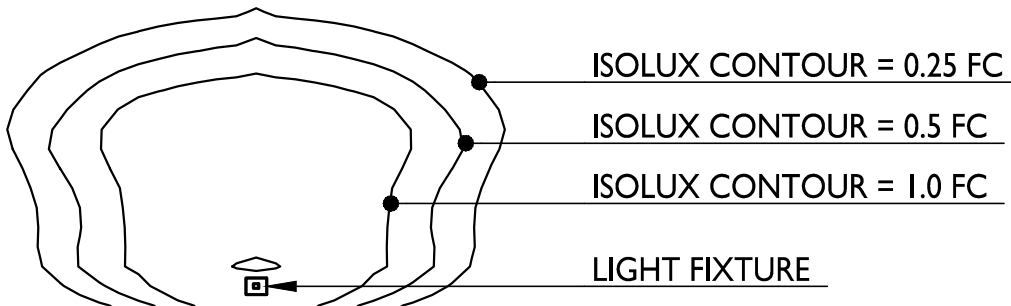
STATISTICS

DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Parking Area Lighting	+	1.2 fc	2.3 fc	0.4 fc	5.8:1	3.0:1
Parking Garage Entrance Lighting	+	1.2 fc	5.7 fc	0.1 fc	57.0:1	12.0:1

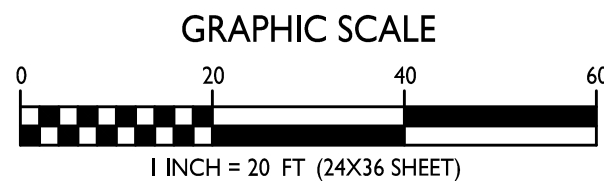
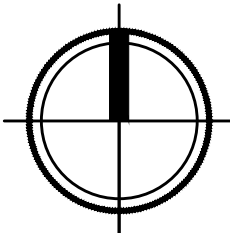
LUMINAIRE SCHEDULE

SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING

EXAMPLE LIGHT FIXTURE DISTRIBUTION



I SITE LIGHTING PLAN
C-1.2 1" = 20'-0"



ISSUED

Issued for Land Use Submittal - May 20, 2020
Issued for UDC Submittal - November 16, 2020

PROJECT TITLE

Aberg Avenue
Housing
Development
LNDUSE-2020-00062

Commercial:

? Aberg Ave

Apartments:

1859 Aberg Ave

Townhouses:

1841 - 1851 Aberg Ave.

Madison, Wisconsin

SHEET TITLE

Site Lighting Plan

SHEET NUMBER

C-1.2

PROJECT NO.

1974

© Knothe & Bruce Architects, LLC



knothe • bruce
ARCHITECTS

Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for Land Use Submittal - May 20, 2020
Issued for UDC Submittal - November 16, 2020

PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin

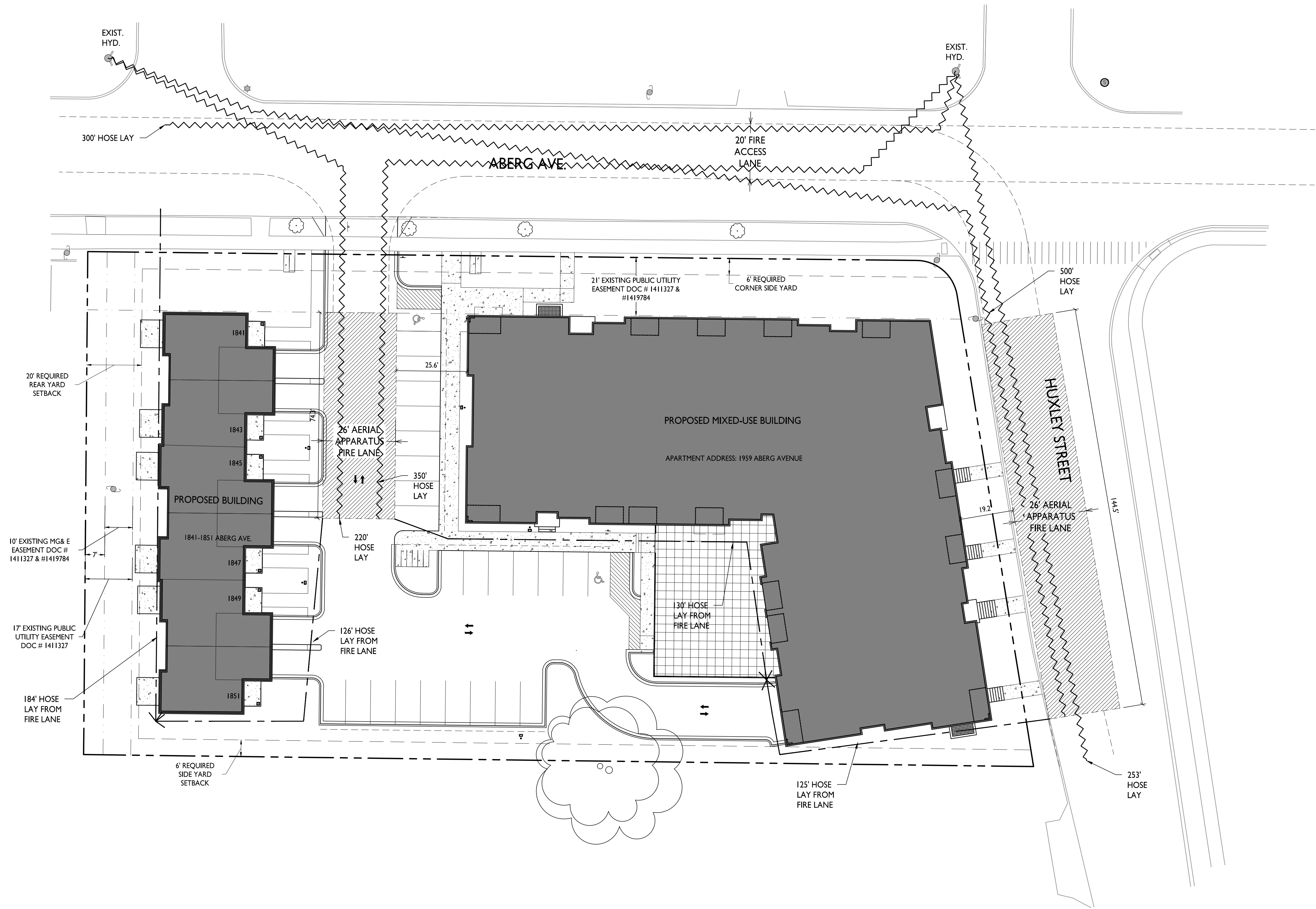
SHEET TITLE
**Fire Department
Access Plan**

SHEET NUMBER

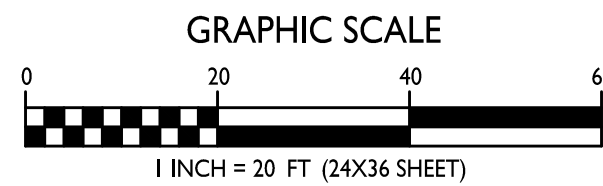
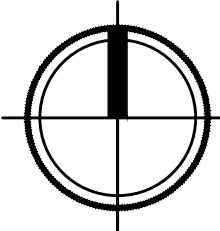
C-1.3

PROJECT NO. **1974**

© Knothe & Bruce Architects, LLC



FIRE DEPARTMENT ACCESS PLAN
C-1.3 1" = 20'-0"

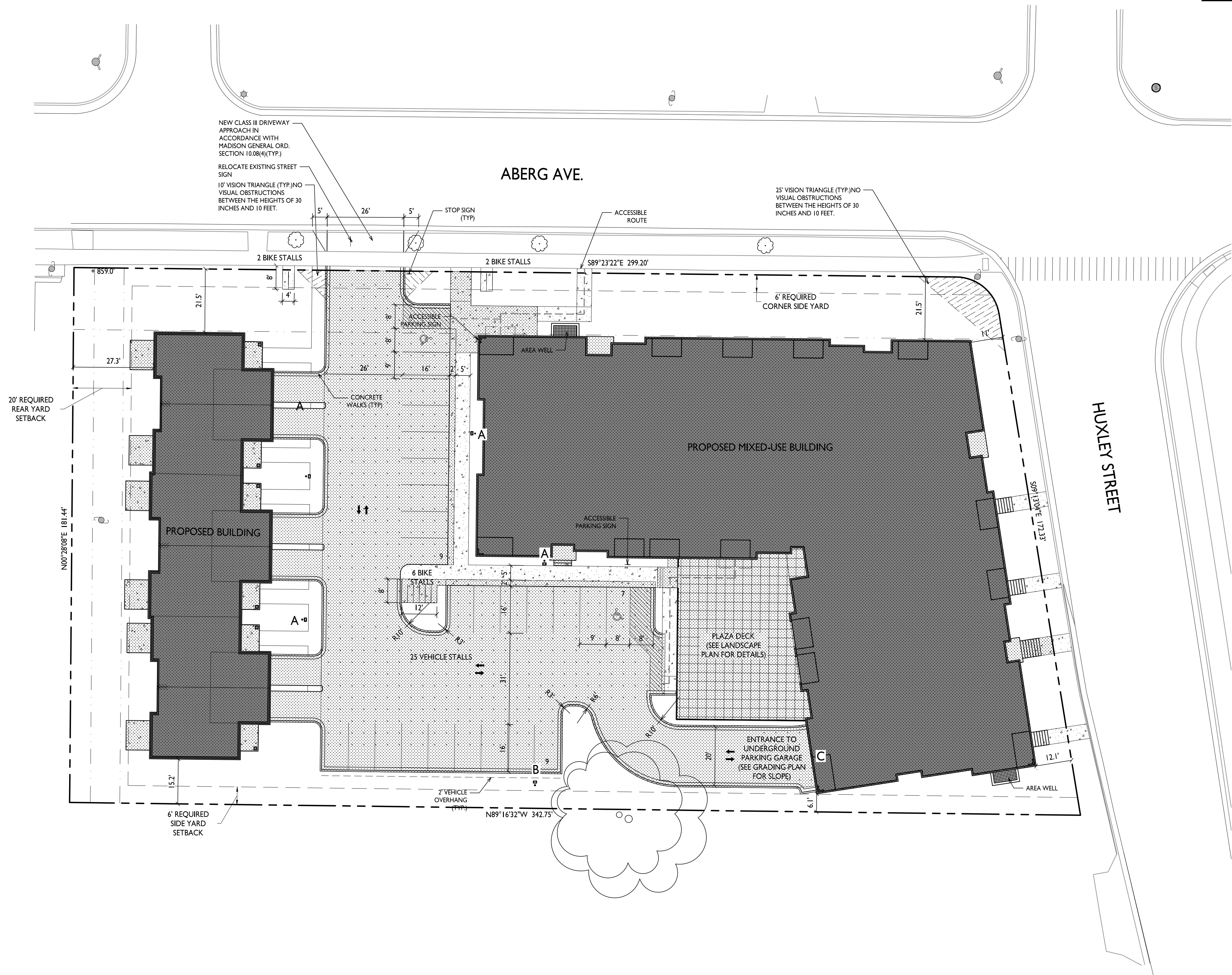


LOT COVERAGE	
ZONING:	NMX - NEIGHBORHOOD MIXED-USE DISTRICT
LOT AREA	59,441 S.F.
MAXIMUM ALLOWABLE LOT COVERAGE	50,525 S.F. (85%)
PROPOSED COVERAGE	40,600 S.F. (68%)

kb2

knothe • bruce
ARCHITECTS

Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562



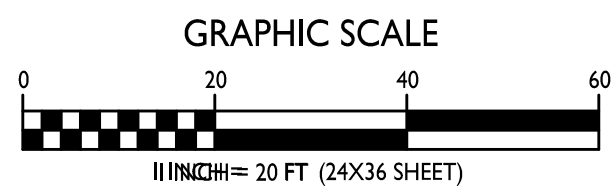
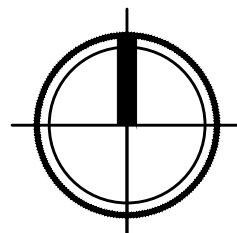
ISSUED
Issued for Land Use Submittal - May 20, 2020
Issued for UDC Submittal - November 16, 2020

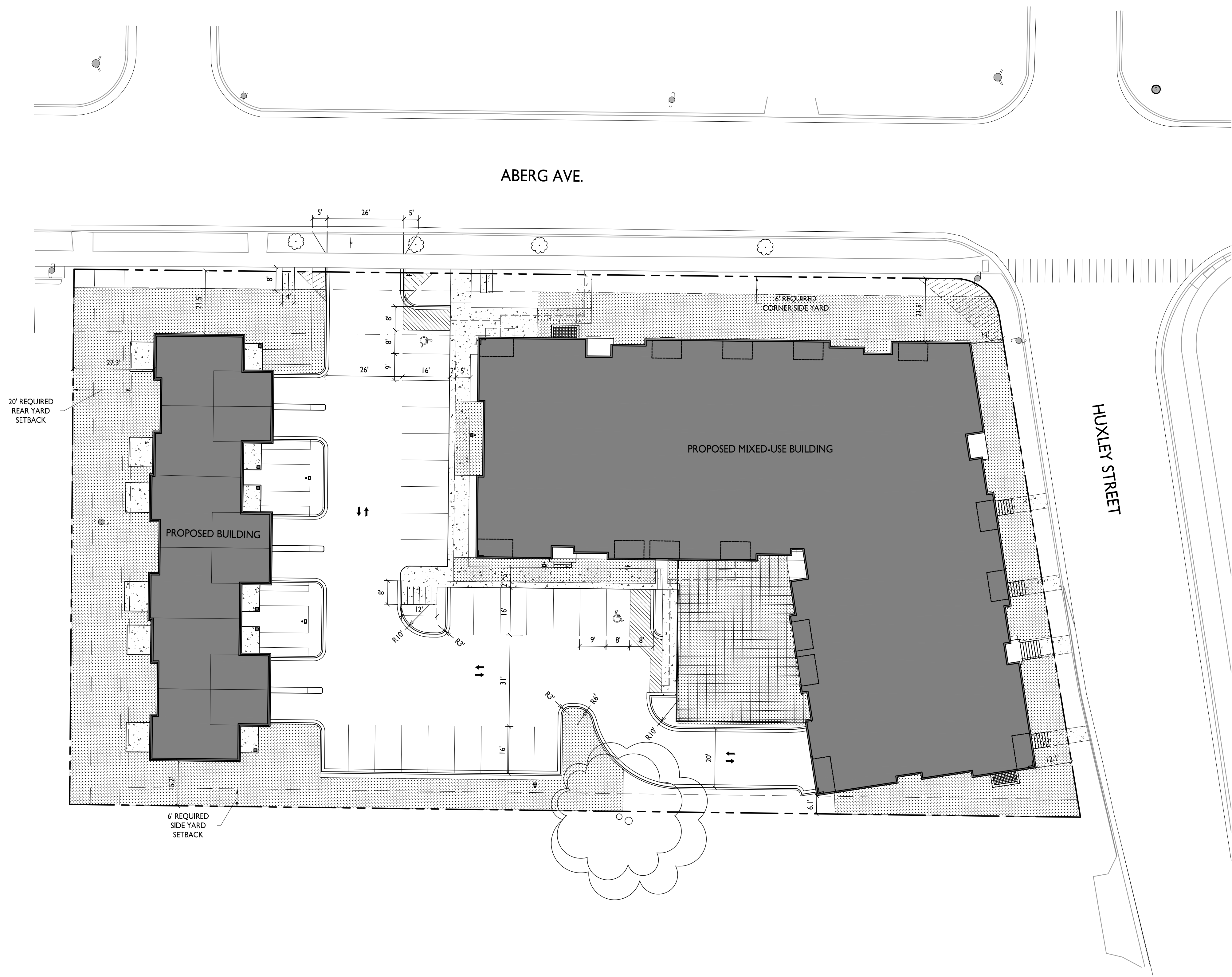
PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin
SHEET TITLE
Lot Coverage

SHEET NUMBER
C-1.4
PROJECT NO. **1974**
© Knothe & Bruce Architects, LLC

LOT COVERAGE
1" = 40'-0"





USABLE OPEN SPACE

ZONING: CC-T / COMMERCIAL CORRIDOR - TRANSITIONAL

OPEN SPACE REQUIREMENTS:

160 S.F./ LODGING RM OR 1 BDRM UNIT
320 S.F./ >1 BDRM UNITS

DWELLING UNITS

ONE BEDROOM	49(160 S.F.)	7,840 S.F.
>ONE BEDROOM	21(320 S.F.)	6,720 S.F.
TOTAL REQUIRED		14,560 S.F.

OPEN SPACE PROVIDED

BALCONIES, PATIOS, DECKS	4,206 S.F.
PLAZA DECK	2,270 S.F.
AT-GRADE/SURFACE	14,101 S.F.
TOTAL PROVIDED	20,631 S.F.

ISSUED
Issued for Land Use Submittal - May 20, 2020
Issued for UDC Submittal - November 16, 2020

PROJECT TITLE
**Aberg Avenue
Housing
Development**
LNDUSE-2020-00062

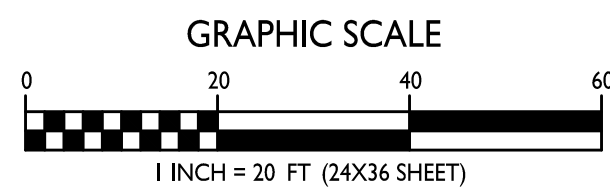
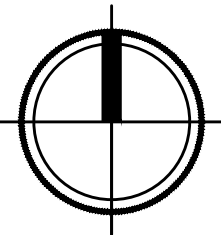
Commercial:
? Aberg Ave
Apartments:
1859 Aberg Ave
Townhouses:
1841 - 1851 Aberg Ave.
Madison, Wisconsin

SHEET TITLE
**Usable Open
Space**

SHEET NUMBER

C-1.5

PROJECT NO. **1974**
© Knothe & Bruce Architects, LLC





D-Series Size 0 LED Area Luminaire



Catalog Number
Notes
Type

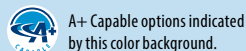
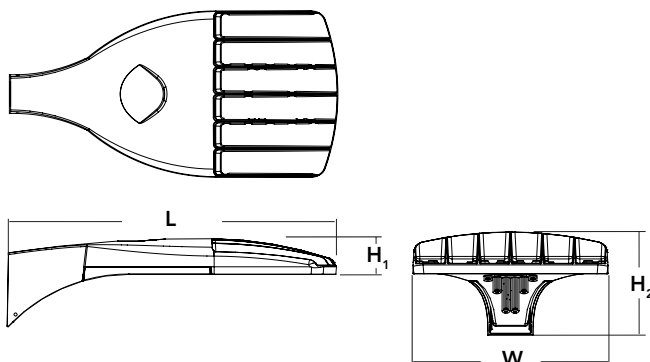
Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA:	0.95 ft ² (.09 m ²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height ₁ :	3" (7.62 cm)
Height ₂ :	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)



Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED					
Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	Forward optics P1 P4 P7 P2 P5 P3 P6 Rotated optics P10' P12' P11' P13'	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ² LCCO Left corner cutoff ² RCCO Right corner cutoff ²	MVOLT ^{3,4} 120 ⁴ 208 ⁴ 240 ⁴ 277 ⁴ 347 ^{4,5} 480 ^{4,5}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁶ RPUMBA Round pole universal mounting adaptor ⁶ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ^{8,9} PIRHN Network, high/low motion/ambient sensor ¹⁰ PER NEMA twist-lock receptacle only (control ordered separate) ¹¹ PER5 Five-pin receptacle only (control ordered separate) ^{11,12} PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ¹³	PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{14,15} PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{14,15} PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{14,15} PIRH1FC3V High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{14,15} FAO Field adjustable output ¹⁶ Shipped installed HS House-side shield ¹⁷ SF Single fuse (120, 277, 347V) ⁴ DF Double fuse (208, 240, 480V) ⁴ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ¹⁷ Shipped separately BS Bird spikes ¹⁸ EGS External glare shield ¹⁸	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

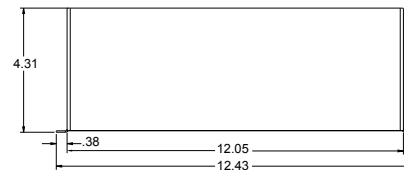
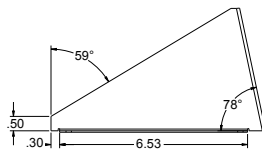
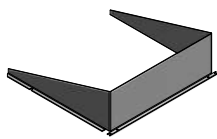
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹
DSX0HS 20C U	House-side shield for P1,P2,P3 and P4 ¹⁷
DSX0HS 30C U	House-side shield for P10,P11,P12 and P13 ¹⁷
DSX0HS 40C U	House-side shield for P5,P6 and P7 ¹⁷
DSX0DDL U	Diffused drop lens (polycarbonate) ¹⁷
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ²⁰
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁴

For more control options, visit [DTL](#) and [ROAM](#) online.
Link to [nLight Air 2](#)

NOTES

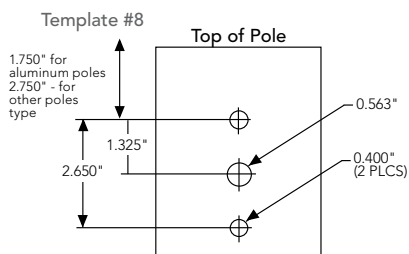
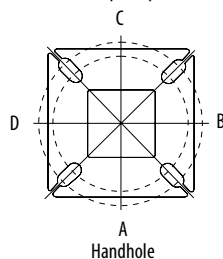
- 1 P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- 2 Not available with HS or DDL.
- 3 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 5 Not available with BL30, BL50 or PNMT options.
- 6 Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANSI C136.31.
- 7 Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- 8 Must be ordered with PIRHN.
- 9 Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- 10 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- 12 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- 13 DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIR1FC3V.
- 14 Reference Motion Sensor table on page 3.
- 15 Reference PER Table on page 3 to see functionality.
- 16 Not available with other dimming controls options.
- 17 Not available with BLC, LCCO and RCCO distribution.
- 18 Must be ordered with fixture for factory pre-drilling.
- 19 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- 20 For retrofit use only.

EGS – External Glare Shield



Drilling

HANDHOLE ORIENTATION (from top of pole)



Tenon Mounting Slipfitter

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

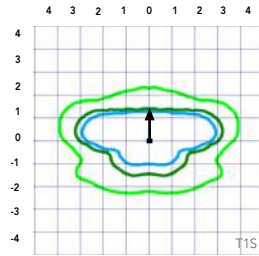
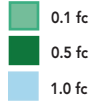
Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
Minimum Acceptable Outside Pole Dimension							
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"		3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"		4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"

Photometric Diagrams

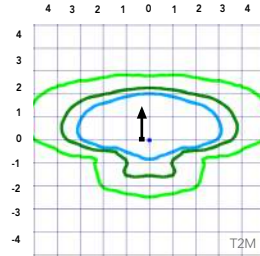
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 0 homepage](#).

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').

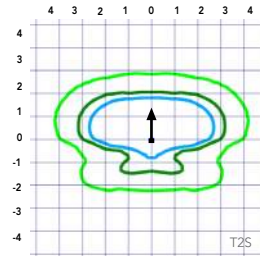
LEGEND



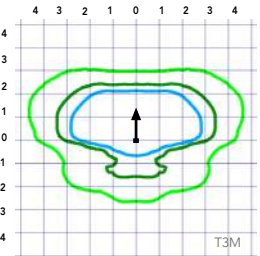
Test No.



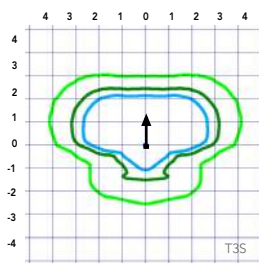
Test No.



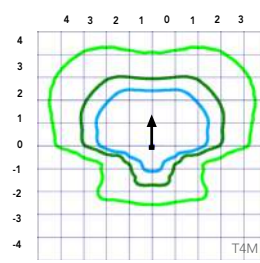
Test No. LTL23457P25 tested in accordance with IESNA LM-79-08.



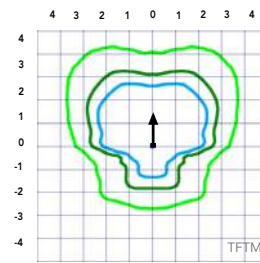
Test No. LTL23457P25 tested in accordance with IESNA LM-79-08.



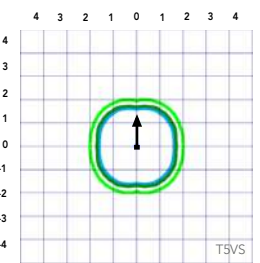
Test No. LTL23457P25 tested in accordance with IESNA LM-79-08.



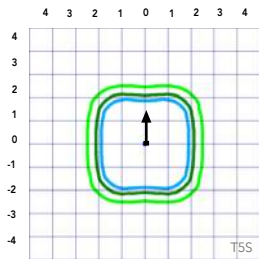
Test No.



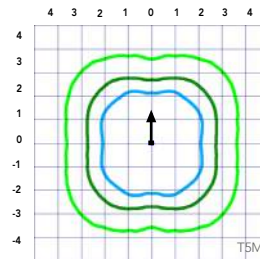
Test No.



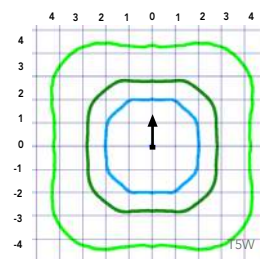
Test No.



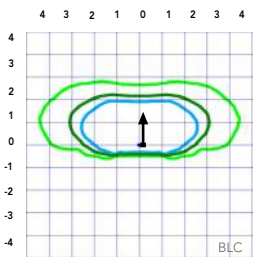
Test No.



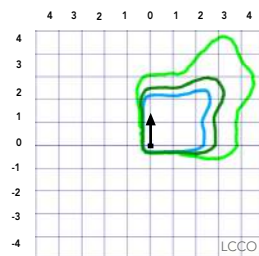
Test No.



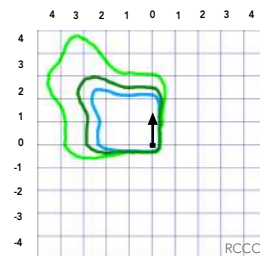
Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Test No.



Test No.



Test No.

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	Lumen Maintenance Factor
25,000	0.96
50,000	0.92
100,000	0.85

Motion Sensor Default Settings						
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use with separate Dusk to Dawn or timer.

Electrical Load

					Current (A)					
	Performance Package	LED Count	Drive Current	Wattage	120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	20	530	38	0.32	0.18	0.15	0.15	0.10	0.08
	P2	20	700	49	0.41	0.23	0.20	0.19	0.14	0.11
	P3	20	1050	71	0.60	0.37	0.32	0.27	0.21	0.15
	P4	20	1400	92	0.77	0.45	0.39	0.35	0.28	0.20
	P5	40	700	89	0.74	0.43	0.38	0.34	0.26	0.20
	P6	40	1050	134	1.13	0.65	0.55	0.48	0.39	0.29
	P7	40	1300	166	1.38	0.80	0.69	0.60	0.50	0.37
Rotated Optics (Requires L90 or R90)	P10	30	530	53	0.45	0.26	0.23	0.21	0.16	0.12
	P11	30	700	72	0.60	0.35	0.30	0.27	0.20	0.16
	P12	30	1050	104	0.88	0.50	0.44	0.39	0.31	0.23
	P13	30	1300	128	1.08	0.62	0.54	0.48	0.37	0.27

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBOR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	20	530	38W	T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131
				TSM	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130
				TSW	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103
				LCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
				RCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
P2	20	700	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124
				T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124
				T2M	5,593	1	0	1	114	6,025	1	0	1	123	6,102	1	0	1	125
				T3S	5,417	1	0	2	111	5,835	1	0	2	119	5,909	2	0	2	121
				T3M	5,580	1	0	2	114	6,011	1	0	2	123	6,087	1	0	2	124
				T4M	5,458	1	0	2	111	5,880	1	0	2	120	5,955	1	0	2	122
				TFTM	5,576	1	0	2	114	6,007	1	0	2	123	6,083	1	0	2	124
				TSVS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129
				TSS	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129
				TSM	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129
				TSW	5,834	3	0	2	119	6,285	3	0	2	128	6,364	3	0	2	130
				BLC	4,572	1	0	1	93	4,925	1	0	1	101	4,987	1	0	1	102
				LCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
P3	20	1050	71W	T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118
				TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125
				TSS	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125
				TSM	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125
				TSW	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126
				BLC	6,429	1	0	2	91	6,926	1	0	2	98	7,013	1	0	2	99
				LCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
P4	20	1400	92W	T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116
				T2S	9,780	2	0	2	106	10,536	2	0	2	115	10,669	2	0	2	116
				T2M	9,831	2	0	2	107	10,590	2	0	2	115	10,724	2	0	2	117
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10,698	2	0	2	116
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114
				TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116
				TSVS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121
				TSS	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121
				TSM	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121
				TSW	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122
				BLC	8,036	1	0	2	87	8,656	1	0	2	94	8,766	1	0	2	95
				LCCO	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71
					5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P5	40	700	89W	T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130
				TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133
				TSVS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138
				TSS	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138
				TSM	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138
				TSW	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
P6	40	1050	134W	T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121
				T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3	0	3	120
				T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121
				T3S	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118
				TFTM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121
				TSVS	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125
				TSS	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126
				TSM	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125
				TSW	15,506	4	0	3	116	16,704	4	0	3	125	16,915	4	0	3	126
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99
				LCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
				RCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
P7	40	1300	166W	T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112
				TSVS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116
				TSS	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117
				TSM	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116
				TSW	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68
					10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	30	530	53W	T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137
				TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141
				TSVS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142
				TSS	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141
				TSM	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141
				TSW	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116
				LCCO	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83
P11	30	700	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376	3	0	3	130
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129
				TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133
				TSVS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134
				TSS	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132
				TSM	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132
				TSW	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109
				LCCO	5,133	1	0	2	71	5,529	1	0	2	77	5,599	1	0	2	78
				RCCO	5,126	3	0	3	71	5,522	3	0	3	77	5,592	3	0	3	78
P12	30	1050	104W	T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253	3	0	3	127
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131
				TSS	12,351	3	0	1	119	13,306	3	0	1	128	13,474	3	0	1	130
				TSM	12,349	4	0	2	119	13,303	4	0	2	128	13,471	4	0	2	130
				TSW	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76
P13	30	1300	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122
				TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125
				TSVS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126
				TSS	14,679	3	0	1	115	15,814	3	0	1	124	16,014	3	0	1	125
				TSM	14,676	4	0	2	115	15,810	4	0	2	124	16,010	4	0	2	125
				TSW	14,544	4	0	3	114	15,668	4	0	3	122	15,866	4	0	3	124
				BLC	7,919	3	0	3	62	8,531	3	0	3	67	8,639	3	0	3	67
				LCCO	5,145	1	0	2	40	5,543	1	0	2	43	5,613	1	0	2	44
					5,139	3	0	3	40	5,536	3	0	3	43	5,606	3	0	3	44

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a [shaded background](#). DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a [shaded background](#)¹

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.

2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire.

Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.705.7378 • www.lithonia.com
© 2011-2019 Acuity Brands Lighting, Inc. All rights reserved.

DSX0-LED
Rev. 09/12/19
Page 8 of 8



LIL LED LED Wall Luminaire



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

	Standard	With Battery Pack(EL)
Width:	5"	5-7/8"
Height:	5-1/8"	6-1/8"
Depth:	2-3/4"	4-1/4"
Weight:	1.5 lbs	3 lbs

Introduction

LIL LED is a compact and energy efficient wall luminaire ideal for replacing small incandescent and CFL luminaires. Photocell and battery pack options make LIL LED great for installations above doors, balconies, garage or warehouse entrances, and security applications. Whether directly mounting to a recessed junction box, or using the back box accessory for conduit entry/through wiring, LIL LED has you covered!

Ordering Information

EXAMPLE: LIL LED 40K MVOLT WH

LIL LED						
Series	Color Temperature		Voltage	Controls	Mounting	Finish
LIL LED	30K	3000 K	MVOLT 120 / 277V ¹	(blank) None	(blank) None	DDBTXD Textured dark bronze
	40K	4000 K		PE MVOLT button photocell ^{1,2}	BB Back box accessory for conduit wiring ³	WH White
				EL Battery pack ²		

Accessories

Ordered and shipped separately.

LIL LED BB DDBTXD	Back box for conduit entry applications, dark bronze - CI Code *249WXH
LIL LED BB WH	Back box for conduit entry applications, white - CI Code *249WXJ

NOTES

1. MVOLT driver operates on 120V and 277V (50/60Hz).
2. PE and EL cannot be ordered together.
3. Optional accessory for conduit entry wiring. Can be ordered with the luminaire or separately. Shipped separately. BB option is not available with emergency battery pack (EL) version.

FEATURES & SPECIFICATIONS

INTENDED USE

The versatility of LIL LED combines a sleek, compact profile with photocell and emergency battery pack options to provide a great solution for wall mount applications. LIL LED is ideal for replacing up to 100W incandescent or 32W CFL luminaires in installations above doors, balconies, garage or warehouse entrances, and security applications. It can also be used for decorative and general lighting in outdoor environments.

CONSTRUCTION

Aluminum housing with white or textured dark bronze paint for lasting durability. The polycarbonate lens creates uniform light distribution, and it is UV resistant - great for outdoor environments!

OPTICS

Light engines are available in 3000K and 4000K CCTs. See Lighting Facts label and photometry reports for specific fixture performance.

ELECTRICAL

LED technology provides long operating life (L70/50,000 hours at 25°C). Electronic drivers have a power factor >90% and THD <20% and a minimum 2.5kV surge rating.

INSTALLATION

Easily mounts to recessed junction boxes or for surface mounting and conduit entry — with the back box with two 1/2" threaded conduit entry hubs.

This luminaire is mounted with the lens facing down. Neutral wire is required for three phase input.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum to 40° C maximum ambient temperature. Battery pack versions are rated to 0° C minimum. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Eligible to be submitted for Title 20 and Title 24 compliance.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.705.7378 • www.lithonia.com
© 2017-2019 Acuity Brands Lighting, Inc. All rights reserved.

LIL LED
Rev. 08/19/19

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Model Number	CCT	Rated Power	Lumens	LPW
LIL LED	3000K	8.4W	800	95

Electrical Load

Model Number	Rated Power	Input current at given input voltage (amps)			
		120V	208V	240V	277V
LIL LED	8.4W	0.07	0.04	0.03	0.03

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

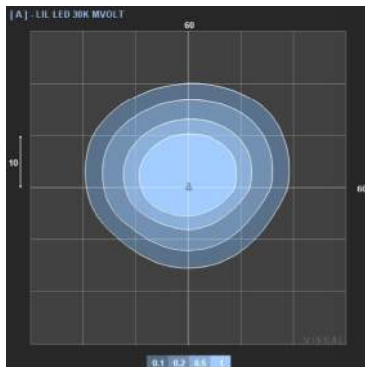
Operating Hours	0	25,000	50,000
LIL LED	1.00	0.92	0.85

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting [LIL LED](#) homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

LEGEND

0.1 fc
0.2 fc
0.5 fc
1.0 fc



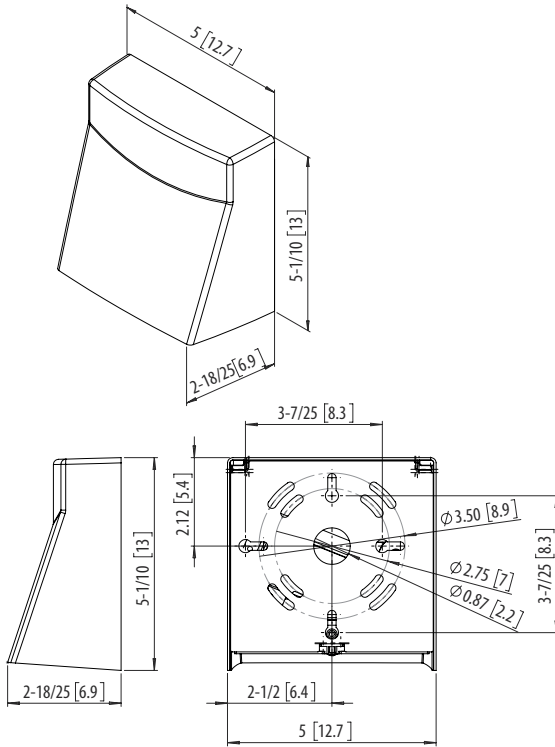
Accessories

LIL LED BBW DDBTXD	Back box for conduit entry applications, dark bronze
LIL LED BBW WH	Back box for conduit entry applications, white

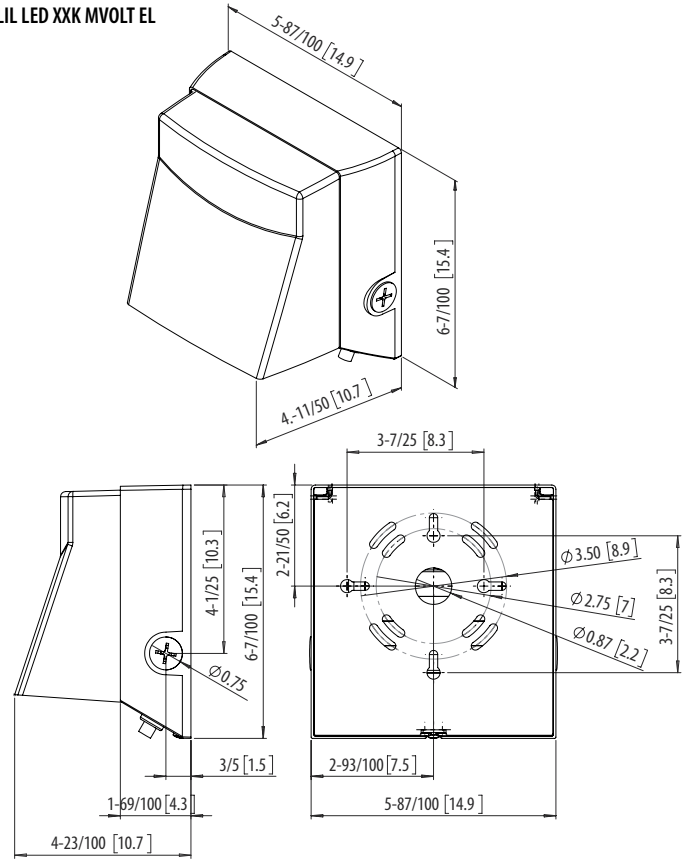


Dimensions

LIL LED XXK MVOLT



LIL LED XXK MVOLT EL





City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 1825 & 1837 Aberg Avenue

Contact Name & Phone #: Kevin Burow 608-836-3690

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered , fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes: a) Is the gate a minimum of 20-feet clear opening? b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane? If yes, answer the following questions: a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants? <i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i> a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants? b) Is there at least 40' between a hydrant and the building? c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane? d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb? e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant? <i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2015 Edition Chapter 5 and Appendix D**; please see the codes for further information.