Wauwatosa, WI

Design Review Board

Meeting Agenda - Final

7725 W. North Avenue
Wauwatosa, WI 53213

Thursday, June 20, 2024 **7:00 PM** **Common Council Chambers**

CALL TO ORDER

ROLL CALL

NEW BUSINESS

1. 900 N 92nd - Froedtert Expansion - Minor Revision - Return to Board **24-0050**
2. 1330 Wauwatosa Avenue - Harlow & Hem - New Multi-Family - Return to Board **24-0719**
3. Discuss additional July Meeting **24-0914**

ADJOURNMENT

NOTICE TO PERSONS WITH A DISABILITY
Persons with a disability who need assistance to participate in this meeting should call the City Clerk's office at (414) 479-8917 or send an email to tclerk@wauwatosa.net, with as much advance notice as possible.

FROEDTERT AND THE MEDICAL COLLEGE OF WISCONSIN

Hospital Expansion

JUNE 20, 2024 - FACADE UPDATES

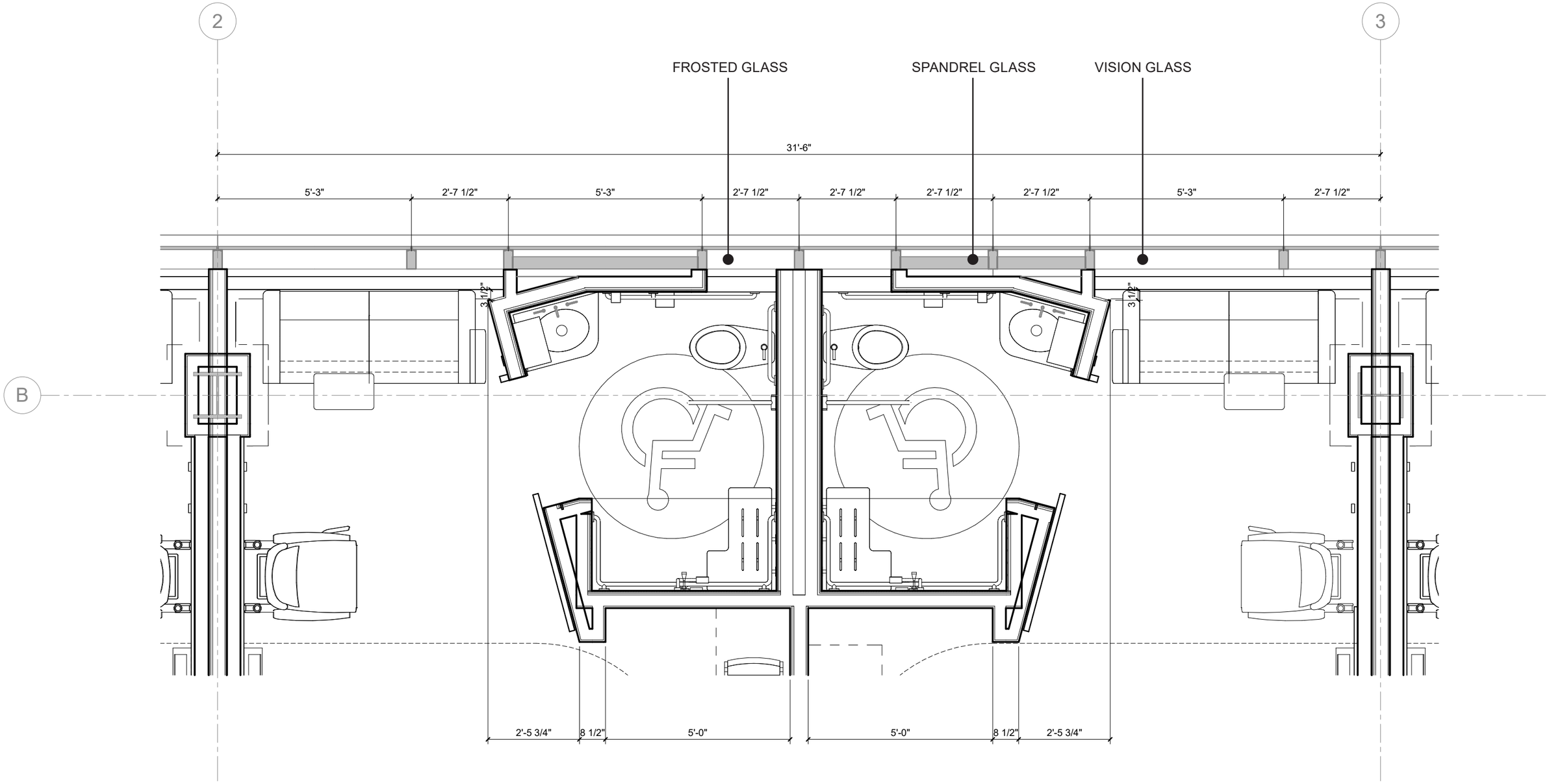
Wauwatosa Design Review Board
Submission: June 11, 2024
Presentation: June 20, 2024

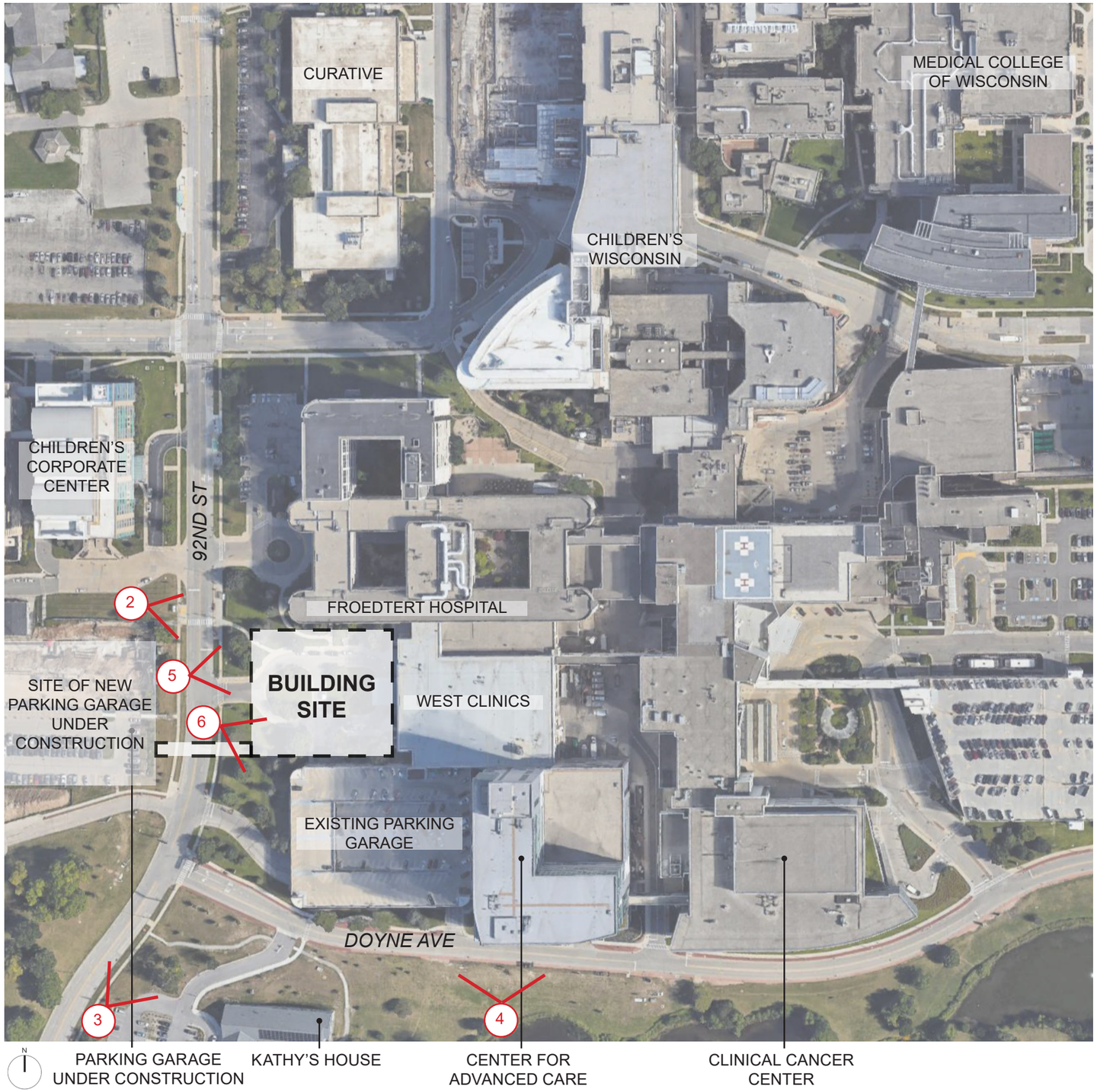
The design for the Froedtert and the Medical College of Wisconsin Hospital Expansion was approved at the March 07, 2024 DRB meeting. Since that time, the interior planning has evolved and has required a slight modification in the facade design. We believe these refinements still maintain the architectural brand established by the neighboring Center for Advanced Care, while improving proportions and scale.

Froedtert & Medical College of Wisconsin | Mortenson construction | CANNONDESIGN

DRB Approved Design

Facade Refinements


2
3
B
FROSTED GLASS
SPANDREL GLASS
VISION GLASS
31'-6"
5'-3"
2'-7 1/2"
5'-3"
2'-7 1/2"
2'-7 1/2"
2'-7 1/2"
2'-7 1/2"
5'-3"
2'-7 1/2"
3 1/2"
3 1/2"
2'-5 3/4"
8 1/2"
5'-0"
5'-0"
8 1/2"
2'-5 3/4"



1. OVERHEAD VIEW FROM WEST

2. VIEW FROM WEST

6. EXISTING CENTER FOR ADVANCED CARE

4. EXISTING CENTER FOR ADVANCED CARE

5. EXISTING WEST CLINICS ENTRANCE

3. OVERHEAD VIEW FROM SOUTH

PARKING GARAGE UNDER CONSTRUCTION
NEW PEDESTRIAN BRIDGE
NEW INPATIENT TOWER
EXISTING PARKING GARAGE (TO BE REMOVED)
EXISTING CENTER FOR ADVANCED CARE
EXISTING KATHY'S HOUSE

Froedtert & Medical College of Wisconsin

Mortenson construction

JUNE 20, 2024

FROEDTERT HOSPITAL EXPANSION

NORTHWEST VIEW

A-9 (REV)

CANNONDESIGN

DESIGN REVIEW BOARD

Froedtert & Medical College of Wisconsin

Mortenson construction

JUNE 20, 2024

FROEDTERT HOSPITAL EXPANSION

NORTH VIEW

A-10 (REV)

CANNONDESIGN

DESIGN REVIEW BOARD

Southwest Tower Detail

GL-2S (Accent Spandrel)

GL-2 (Accent Vision)

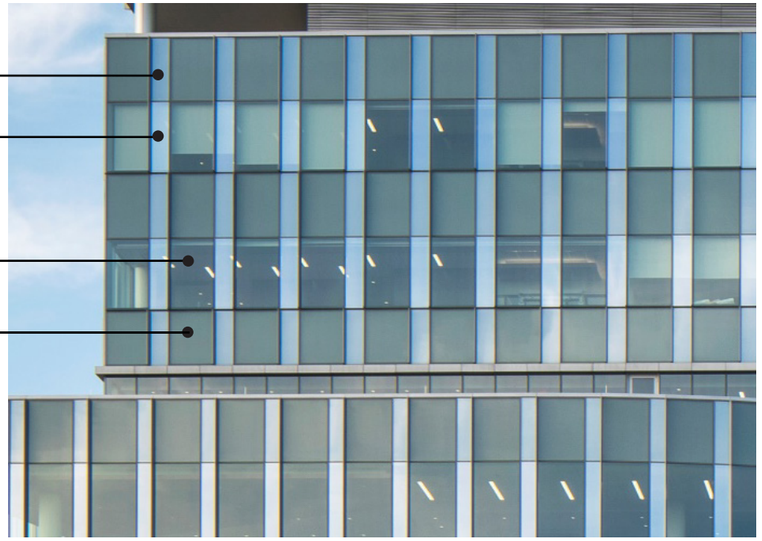
GL-1 (Vision)

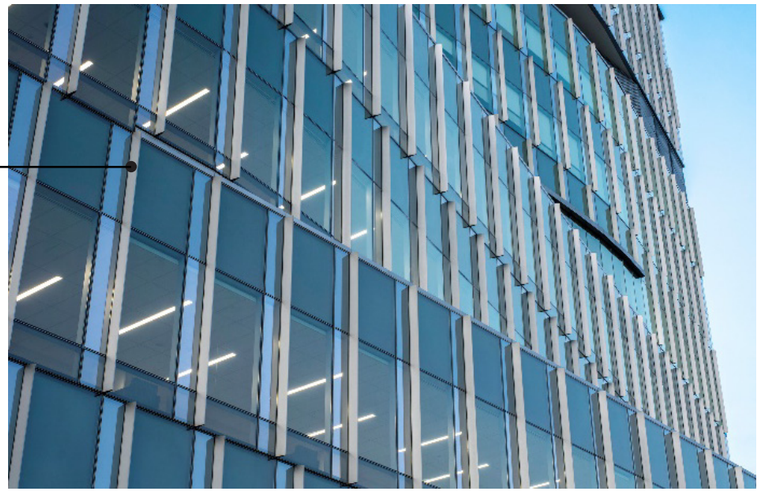
GL-1S (Spandrel)

GL-3 (Frosted Glass at Patient Bathrooms)

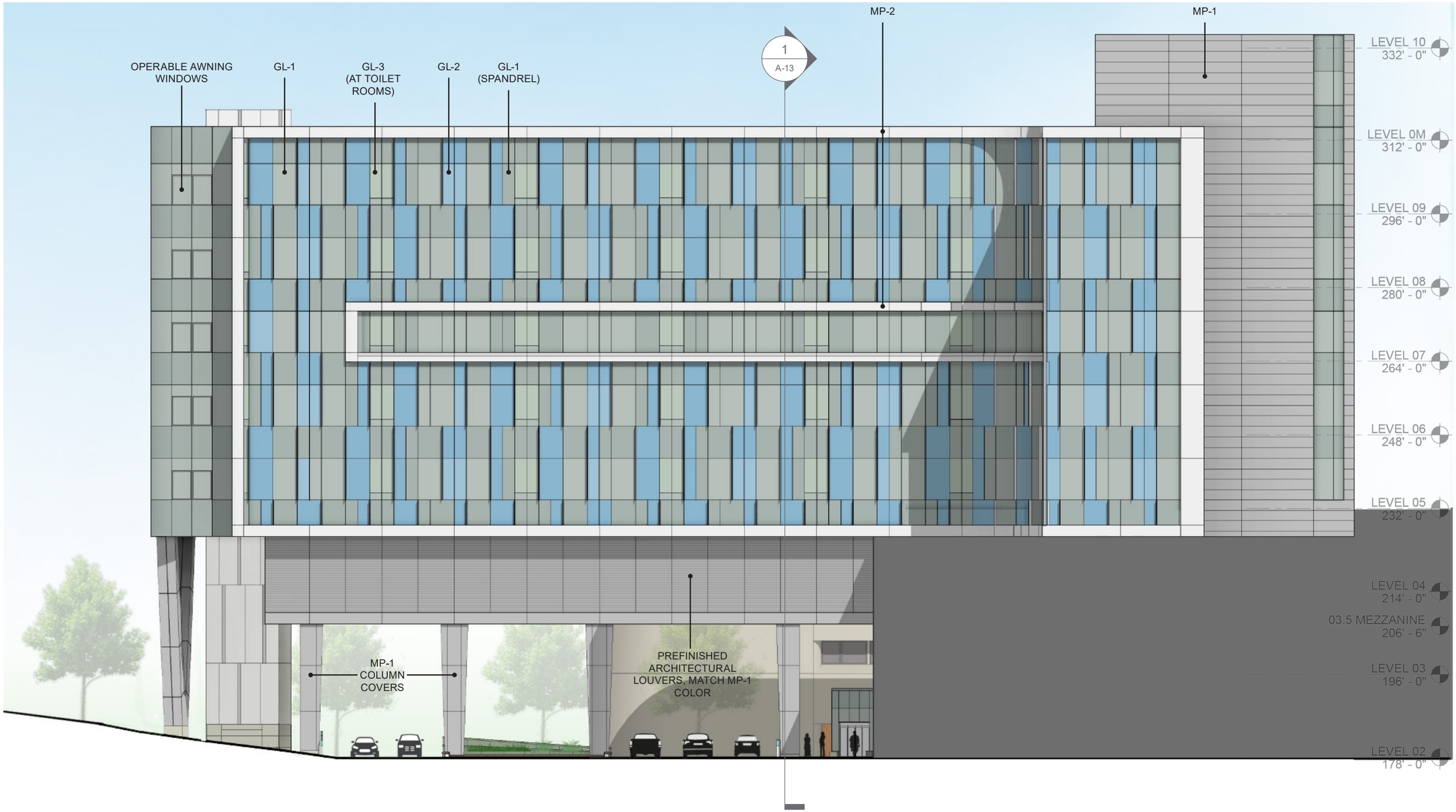
Aluminum Mullion Extension

Existing CFAC Images





(See Material Palette Slide for Sample Images)



SCALE 1" = 20'

0 40

JUNE 20, 2024

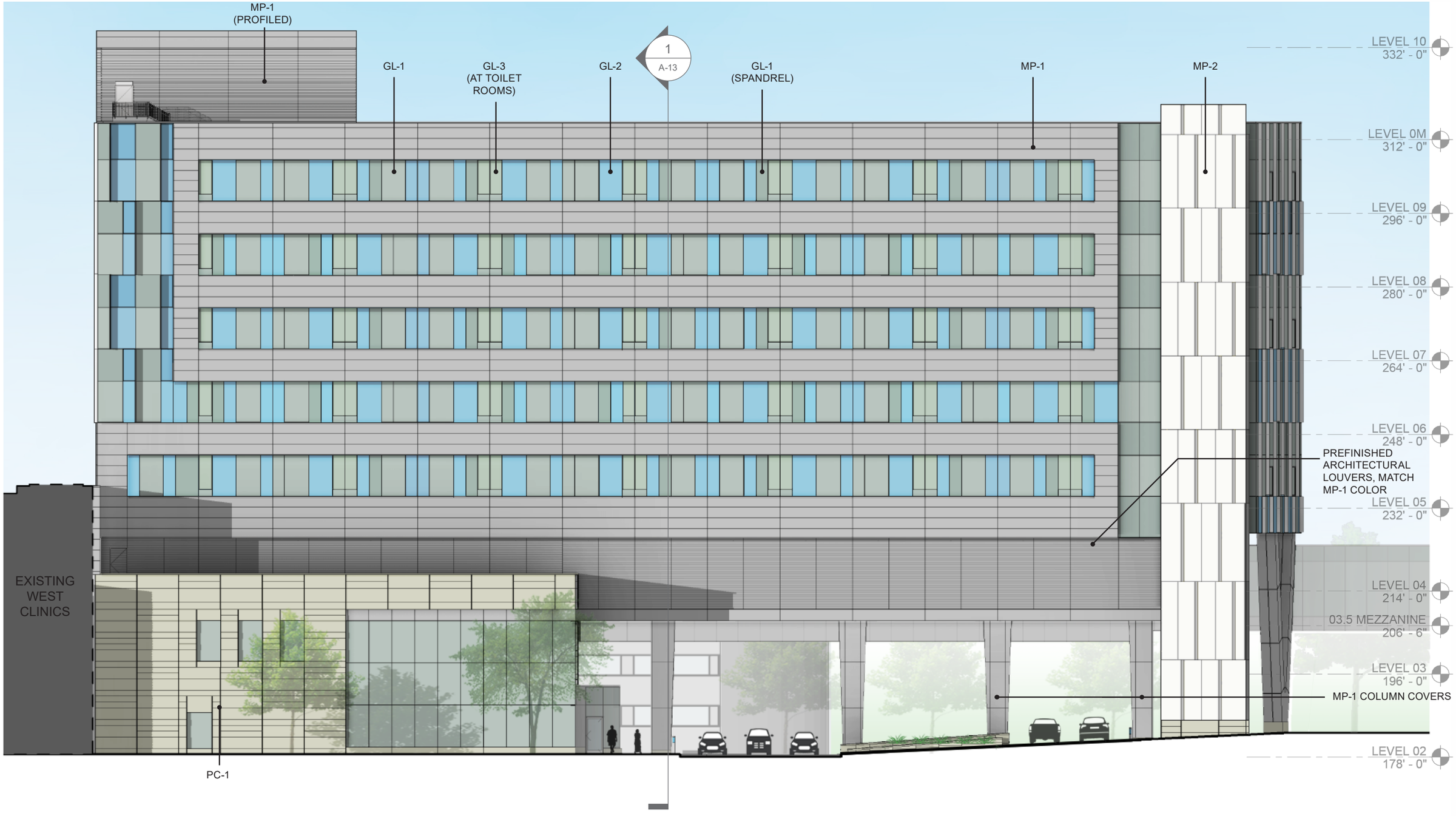
FROEDTERT HOSPITAL EXPANSION

SOUTH ELEVATION

A-16 (REV)

CANNONDESIGN

DESIGN REVIEW BOARD



SCALE 1" = 20'

0 40

JUNE 20, 2024

FROEDTERT HOSPITAL EXPANSION

NORTH ELEVATION

A-17 (REV)

CANNONDESIGN

DESIGN REVIEW BOARD

SCALE 1" = 20'

0 40

Froedtert & Medical College of Wisconsin

Mortenson construction

JUNE 20, 2024

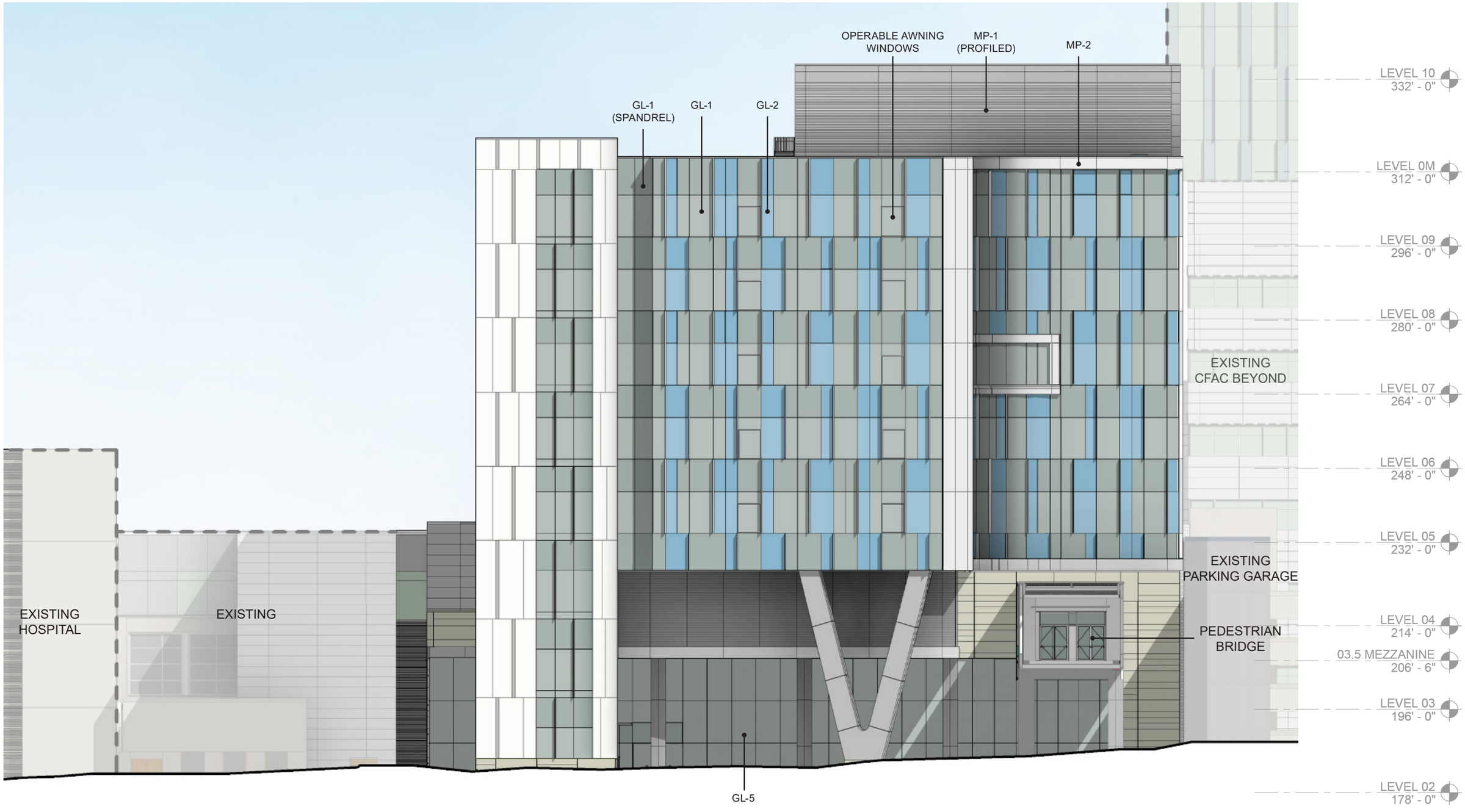
FROEDTERT HOSPITAL EXPANSION

EAST ELEVATION

A-18 (REV)

CANNONDESIGN

DESIGN REVIEW BOARD



SCALE 1" = 20'

0 40

Froedtert & Medical College of Wisconsin

Mortenson construction

JUNE 20, 2024

FROEDTERT HOSPITAL EXPANSION

WEST ELEVATION

A-19 (REV)

CANNONDESIGN

File #: 24-0719 **Agenda Date:** 6/20/2024 **Agenda #:** 2.

1330 Wauwatosa Avenue - Harlow & Hem - New Multi-Family - Return to Board

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

06/11/2024

DESIGN REVIEW BOARD SUBMITTAL

CAP PROJECT #: 230702

OWNER:
MANDEL GROUP
330 E KILBOURN AVE.
MILWAUKEE, WI 53202
TEL. (414) 347-3600

CONSULTING ARCHITECT:
CONTINUUM ARCHITECTS + PLANNERS
751 N JEFFERSON ST - SUITE 200
MILWAUKEE, WI 53202
TEL. (414) 220-9640

CONSULTING CIVIL ENGINEER:
THE SIGMA GROUP, INC
1300 W. CANAL STREET
MILWAUKEE, WI 53233
TEL. (414) 643-4169

CONSULTING LANDSCAPE ARCHITECT:
NEW EDEN LANDSCAPE ARCHITECTURE, LLC
131 W. SEEBOTH STREET
MILWAUKEE, WI 53204
TEL. (414) 530-1080

SHEET INDEX:

CIVIL

C001	SITE SURVEY

ARCHITECTURAL

A00-0	COVER SHEET
A01-2	ARCHITECTURAL SITE PLAN
A01-3	SITE SECTIONS
A01-4	SITE SECTIONS
A01-5	SITE SECTIONS
A02-1	PARKING PLAN - LEVEL P01
A02-2	PARKING PLAN - LEVEL P02
A03-1	OVERALL PLAN - LEVEL 01
A03-2	OVERALL PLAN - LEVEL 02
A03-3	OVERALL PLAN - LEVEL 03
A03-4	OVERALL PLAN - LEVEL 04
A03-5	OVERALL PLAN - LEVEL 05
A03-6	OVERALL PLAN - LEVEL 06
A04-1	OVERALL ELEVATIONS
A04-2	EXTERIOR ELEVATIONS
A04-3	EXTERIOR ELEVATIONS
A04-4	EXTERIOR ELEVATIONS - COURTYARD

LANDSCAPE

L00-1	SITE LANDSCAPE PLAN
L00-2	PLANTING DETAILS

ELECTRICAL

E000	SITE LIGHTING LAYOUT

continuum
ARCHITECTS + PLANNERS

Programming
Campus + Master Planning
Interior Design
Sustainable Design
Historic Preservation/
Renovation
Project Management

KEY PLAN
NO SCALE

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION
THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM
7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
COVER SHEET

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A00-0**

C:\Users\nicholas.allen\Documents\230702 Harlow & Hem_Wauwatosa_2024_nicholas.allenZSLZP.rvt
6/10/2024 6:02:26 PM

2024.04.09

HARWOOD AVENUE
N. WAUWATOSA AVENUE
BLANCHARD STREET
Parcel A
37,609 sq. ft.
0.63519 Acres
Parcel B
11,457 sq. ft.
0.26301 Acres
Parcel C
6,257 sq. ft.
0.14363 Acres
Parcel D
8,332 sq. ft.
0.19126 Acres
Parcel E
14,218 sq. ft.
0.32640 Acres
Existing Building
3,200 Sq. Ft.
Existing Building
4,160 Sq. Ft.
Existing Garage
1,000 Sq. Ft.
Existing Garage
600 Sq. Ft.
Com. 1068124
Item 10
Com. 1068124
Item 11
12' utility easement
Driveway Opening
Clears 0.3'
on line
5.00'
5.1'
EXISTING BRICK BUILDING
SPORLEDER'S SUBDIVISION
BLOCK 2
LOT 1
LOT 2
LOT 4
LOT 5
LOT 8
LOT 10
LOT 11
LOT 13
LOT 14
LOT 15
#7441
#1335
PARCEL 1
ENCROACHMENT PERMITTED PER CITY OF WAUWATOSA DOC. #5843300
ENCROACHMENT PERMITTED PER CITY OF WAUWATOSA DOC. #5843300
WEPCO EASE. POLE LINE RIGHTS DOC. #3539310
WEPCO EASE. DOC. #5721187
N89° 34' 20"W 10.12'
N89° 34' 20"W 293.61'
S89° 34' 47"E 293.71'
S89° 34' 47"E
S81° 39' 13"E 108.32'
N61° 13' 43"E 107.17'
S61° 13' 58"W 192.94'
N28° 46' 02"W 76.01'
N44° 46' 58"E 112.46'
S44° 46' 58"W 112.46'
N45° 13' 02"W 76.00'
N28° 46' 02"W 76.00'
S28° 34' 47"E
110.46'
6.95'
0.8'
17.5'
24.2'
25.5'
23.5'
40.3'
30.4'
22.0'
16.1'
16.7'
22.3'
48'
20'
30'
24'
34'
Lot 1 Assessor's plat 14
Lot 6 JS and Chas. Stickney's
Lot 7 JS and Chas. Stickney's
Lot 1 Spoleder's
Lot 2 Spoleder's
Lot 3 Spoleder's
Lot 4 Spoleder's
Lot 5 Spoleder's
stone wall southeast of building
stone wall
concrete wall
concrete wall north wall
concrete wall retaining
asphalt
concrete
Roof elev.
Sill elev.
Floor elev.
Top of curb
Flow line
Rim EL 118.69
NE: 90° E: 108.65
SW: 90° E: 108.28
SE: 57.18; 133.81
Rim EL 118.79
NE: 90° E: 109.01
SW: 90° E: 108.64
SE: 57.18; 133.81
Rim EL 119.24
NE: 90° E: 109.27
SW: 90° E: 108.87
Rim EL 119.76
NE: 90° E: 109.53
SW: 90° E: 109.07
SE: 57.18; 131.91
Rim EL 120.09
NE: 90° E: 109.87
SW: 90° E: 109.41
SE: 57.18; 131.91
Rim EL 120.39
NE: 90° E: 110.17
SW: 90° E: 109.71
SE: 57.18; 131.91
Rim EL 120.70
NE: 90° E: 110.48
SW: 90° E: 110.02
Rim EL 121.03
NE: 90° E: 110.81
SW: 90° E: 110.35
SE: 57.18; 131.91
Rim EL 121.35
NE: 90° E: 108.58
SW: 90° E: 108.22
SE: 57.18; 131.91
Rim EL 121.67
NE: 90° E: 108.90
SW: 90° E: 108.54
SE: 57.18; 131.91
Rim EL 122.00
NE: 90° E: 109.23
SW: 90° E: 108.87
SE: 57.18; 131.91
Rim EL 122.32
NE: 90° E: 109.55
SW: 90° E: 109.19
SE: 57.18; 131.91
Rim EL 122.64
NE: 90° E: 109.87
SW: 90° E: 109.51
SE: 57.18; 131.91
Rim EL

AREA SCHEDULE	
Level	Area
PARKING 01	43152 SF
PARKING 02	42990 SF
LEVEL 01	32442 SF
LEVEL 02	32631 SF
LEVEL 03	32631 SF
LEVEL 04	32631 SF
LEVEL 05	27489 SF
TOTAL AREA: 7	243966 SF

HARWOOD AVE

WAUWATOSA AVE

BLANCHARD ST

NOTE: STREETSCAPE DRAWN FOR REFERENCE ONLY (APPROXIMATE) SEE CIVIL PLANS FOR MORE INFORMATION

ANODYNE COFFEE / NEIMANN'S CHOCOLATES

DRAFT AND VESSEL

SWAN INTERIORS / RAINBOW'S END GRANITE

COURTYARD @ LEVEL 01

GENERATOR

TRASH

LOADING

PUBLIC PATH

PUBLIC PARKING LOT

PERMEABLE PAVERS

EXISTING STRUCTURES TO BE DEMOLISHED

EXISTING CANTILEVERED RETAINING WALL

RETAINING WALL

TURNAROUND AREA / SNOW STORAGE

GUARD RAIL

EXISTING SILVA CELL

EXISTING PUBLIC PARKING MONUMENT SIGN - RELOCATE TO HARWOOD AVENUE

TRANSFORMER

EXISTING FIRE HYDRANT LOCATION

BUS STOP (ROUTE 31)

EXISTING RETAINING WALL

NEW RETAINING WALL

BIKE RACK AREA (11)

PLANTER BOX & BENCH

EXISTING PUBLIC IDENTITY MONUMENT SIGN

STREET LIGHTING ELECTRICAL PULLBOX

PARKING ENTRANCE

OVERHEAD GARAGE DOOR

EXIT AT GRADE P02

EXISTING PUBLIC PARKING MONUMENT SIGN - TO REMAIN

TRANSFORMER - LIGHTS

BENCH

PROPERTY LINE

BASE POINT

EXIT AT GRADE

DOOR AT LEVEL 80'-6"

FDC CONNECTION

PARKING ENTRY RECESS BELOW

MAN DOOR BELOW

ACCESS DOOR TO ROOF PATIO, TYP

PATIO, TYP

EXIT AT GRADE LEVEL 01

PATIO @ LEVEL 01

ELECTRICAL ROOM LOCATION ON P01

ELECTRICAL METER LOCATION

EXIT AT GRADE P01

BLAST WALL

BIKE RACK AREA (4)

LOADING ZONE

PARKING ENTRANCE

BIKE RACK AREA (17)

TRANSFORMER - REPLACING OVERHEAD LINES

DUMPSTER LOADING ZONE

TRANSFORMER

BENCH

ADA

VAN ADA

T-D

T-C

T-B

T-A

119.06

118.84

115.05

113.16

111.29

110.99

109.98

108.95

104.26

98.0

90.0

85.0

82.11

80.0

77.66

1 ARCHITECTURAL SITE PLAN

Scale: 1" = 20'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

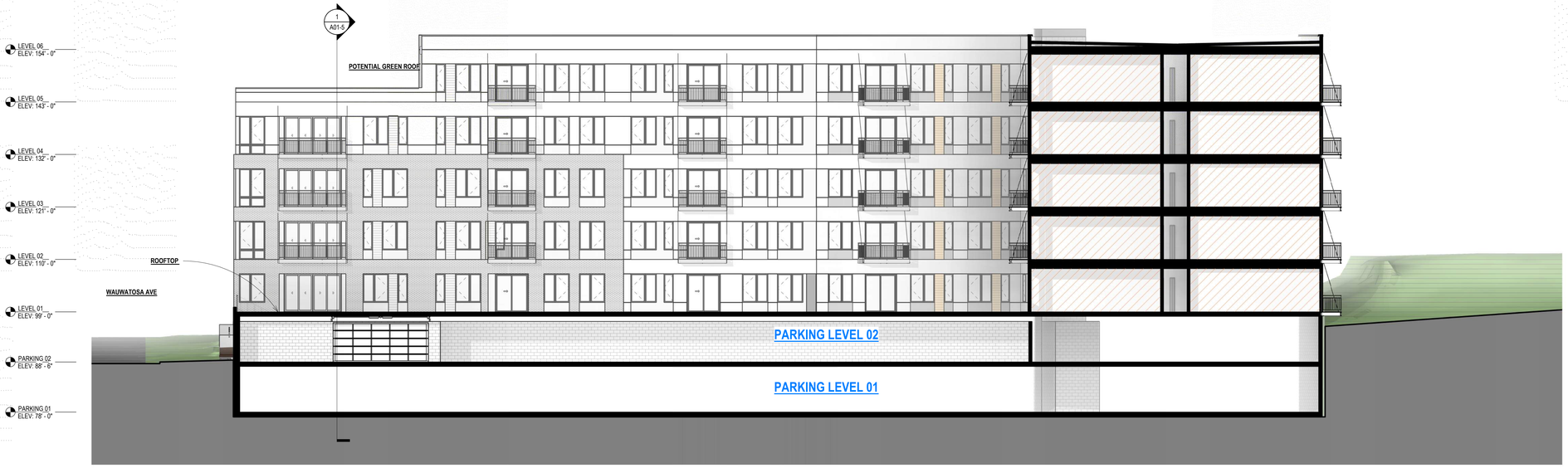
HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE., WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE: **ARCHITECTURAL SITE PLAN**

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A01-2**



2 EAST-WEST SITE SECTION THROUGH COURTYARD

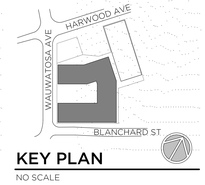
Scale: 3/32" = 1'-0"

0' 3' 6' 12' 18'

1 NORTH-SOUTH SITE SECTION

Scale: 3/32" = 1'-0"

0' 3' 6' 12' 18'



KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
SITE SECTIONS

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A01-3**

1 EAST-WEST SITE SECTION THROUGH LOBBY

Scale: 3/32" = 1'-0"

0' 3' 6' 12' 18'

3 EAST-WEST SITE SECTION

Scale: 3/32" = 1'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

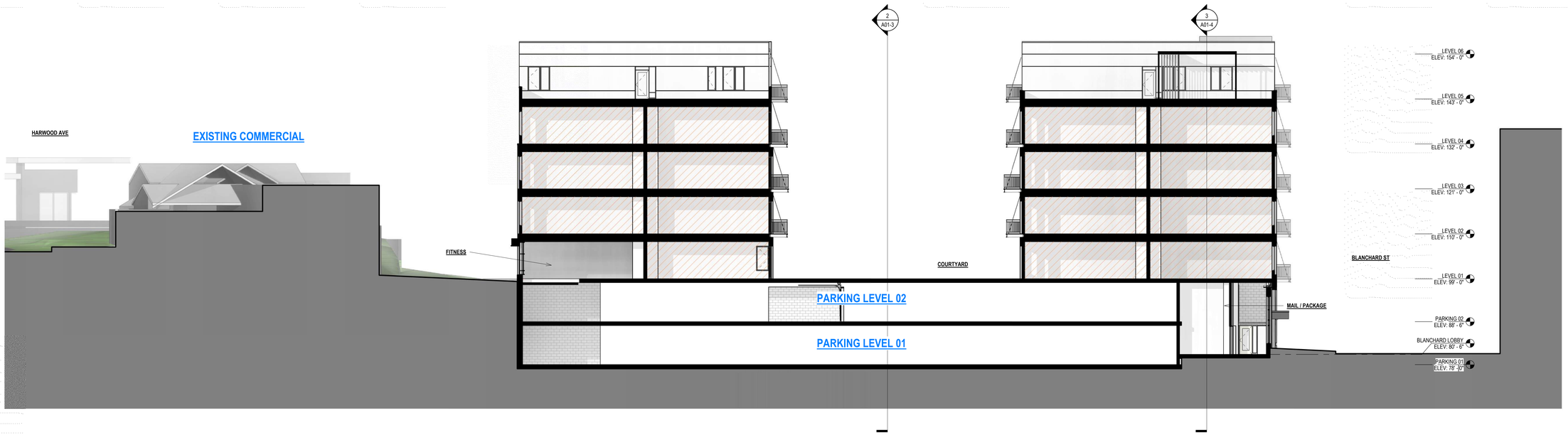
7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
SITE SECTIONS

REVISIONS:

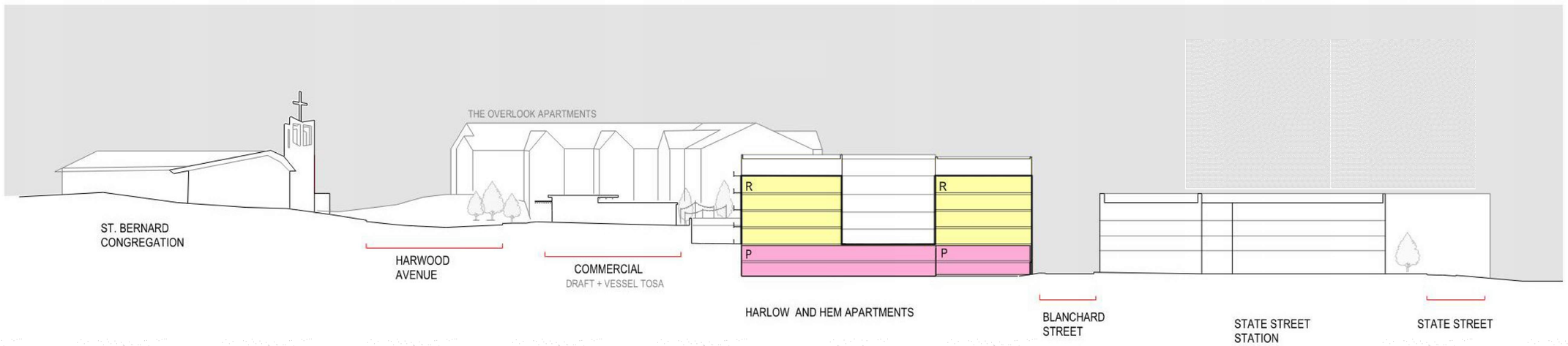
SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A01-4**



1 NORTH-SOUTH SITE SECTION THROUGH LOBBY

Scale: 3/32" = 1'-0"

0' 3' 6' 12' 18'



SITE CONTEXT SECTION **NORTH-SOUTH**

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE: **SITE SECTIONS**

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A01-5**

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.

PARKING SCHEDULE

Level	Space Size	Comments	#
PARKING 01			
PARKING 01	Parking Space	PRIVATE	118
PARKING 01	Parking Space - ADA	PRIVATE	1
PARKING 01	Parking Space - ADA VAN	PRIVATE	1
			120
			120
PARKING 02			
PARKING 02	Parking Space	PRIVATE	66
PARKING 02	Parking Space - ADA	PRIVATE	3
PARKING 02	Parking Space - ADA VAN	PRIVATE	1
			70
PARKING 02	Parking Space	PUBLIC	49
PARKING 02	Parking Space - ADA	PUBLIC	1
PARKING 02	Parking Space - ADA VAN	PUBLIC	1
			51
			121
LEVEL 02			
LEVEL 02	Parking Space 17' Deep	PUBLIC	45
LEVEL 02	Parking Space - ADA	PUBLIC	2
			47
			47
Grand total			288

Req. Residential Parking - Multi Unit Building			TOTAL
STUDIO	1.0 SPACE PER DWELLING UNIT	54	**54**
1 BED	1.0 SPACE PER DWELLING UNIT	59	**59**
2 BED	1.5 SPACES PER DWELLING UNIT	27	**40.5**
3 BED	2.0 SPACES PER DWELLING UNIT	17	**34**
PARKING TOTAL		*157*	**187.5**

Min. ADA Parking Spaces			TOTAL
PRIVATE LEVEL 01	*121*		
PRIVATE LEVEL 02	*70*		
	191	*151-200*	**6** Stalls
PUBLIC LEVEL 02	*51*		
PUBLIC LEVEL 02 - SURFACE	*47*		
	98	*76-100*	**4** Stalls
			10 Stalls

REQ BICYCLE PARKING		
SHORT-TERM BICYCLE PARKING		
• 1 SPACE PER 5 DWELLING UNIT • 157 TOTAL UNITS	31.4	**32**
• 50% WITHIN 50'-0" OF ENTRANCE	2'Wx6'Lx7'H	
• 50% WITHIN 100'-0" OF ANY ENTRANCE		
• LONG TERM BICYCLE STORAGE - 1 SPACE PER 4 DWELLING UNITS • WALL MTD HOOKS @ PARKING STALLS		

Parking Schedule Total	
Comments	Count
PRIVATE	190
PUBLIC	98
Grand total	288

HARWOOD AVE

WAUWATOSA AVE

BLANCHARD ST

STAIR

VAN 98" HIGH MIN.

ELEV.

ELEV. LOBBY

ELECTRIC CHARGING STATIONS

PRIVATE PARKING

PARKING ENTRY ABOVE/ RAMP

BUILDING OUTLINE ABOVE

TRASH SUPPORT 228 SF

PROPOSED DUMPSTER ROUTE TO COLLECTION PAD

16'-0" OVERHEAD DOOR

PROPERTY MANAGER 106 SF

OFFICE 112 SF

OFFICE 110 SF

PACKAGE 122 SF

CONF 357 SF

VESTIBULE 103 SF

UP

ELEV

ELEV

STAIR

WATER/ FIRE PUMP 283 SF

ELEC ROOM 266 SF

ENTRY

DUMPSTER STORAGE PAD FOR COLLECTION DAYS

PROPERTY LINE

78' - 0"

185' - 8 1/8"

24' - 0"

2' - 0"

119.06 115.05 118.84 108.95 104.26 113.16 110.99 111.29 115 110 105 101 100 98.0 90.0 85.0 82.11 80.0 109.98 105 100 95 90 85 77.66

1 FLOOR PLAN - PARKING 01

Scale: 1/16" = 1'-0"

0' 2' 4' 8' 12'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

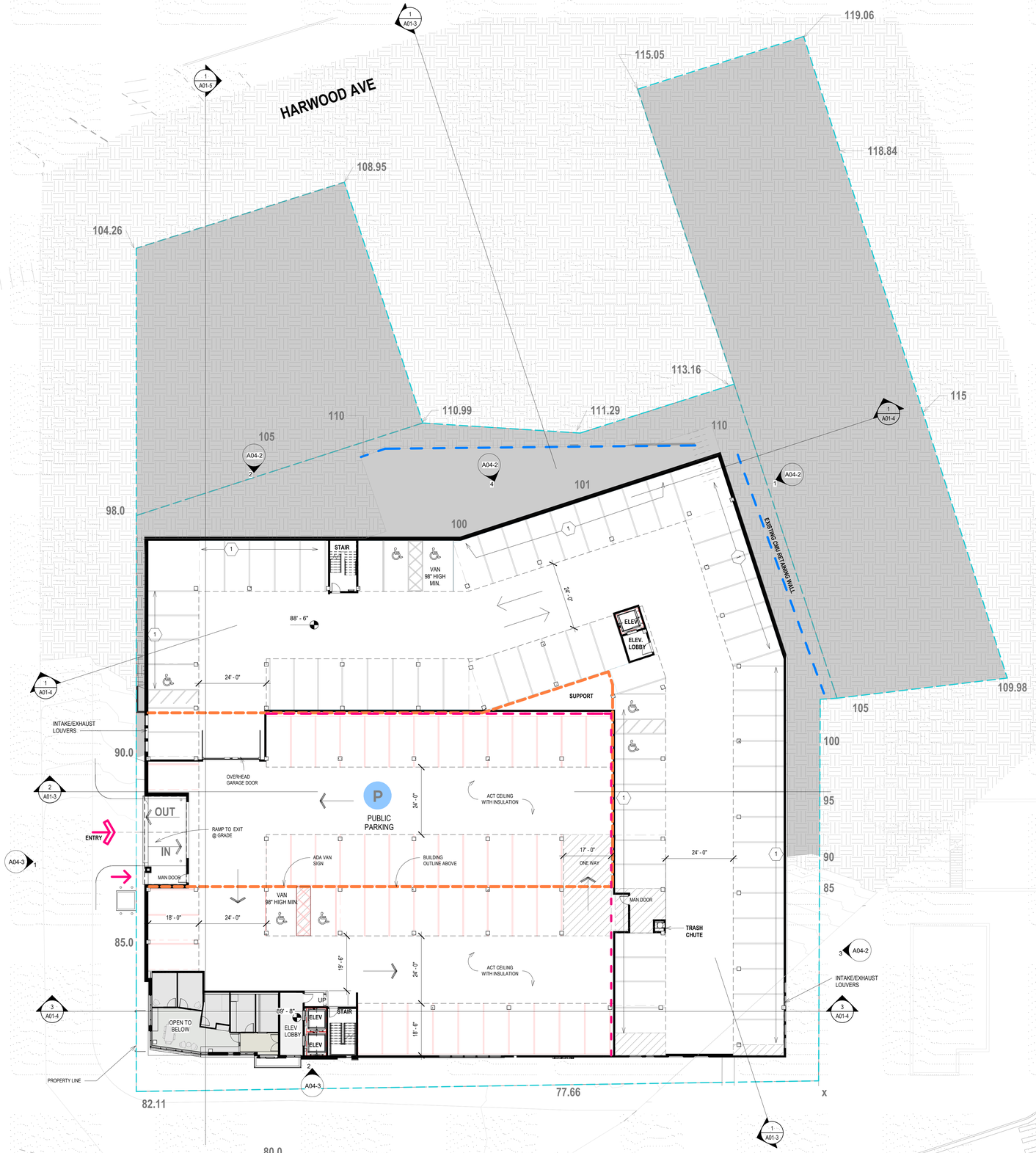
7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
PARKING PLAN - LEVEL P01

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A02-1**



1 FLOOR PLAN - PARKING 02

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.

PARKING SCHEDULE

Level	Space Size	Comments	#
PARKING 01			
PARKING 01	Parking Space	PRIVATE	118
PARKING 01	Parking Space - ADA	PRIVATE	1
PARKING 01	Parking Space - ADA VAN	PRIVATE	1
			120
			120
PARKING 02			
PARKING 02	Parking Space	PRIVATE	66
PARKING 02	Parking Space - ADA	PRIVATE	3
PARKING 02	Parking Space - ADA VAN	PRIVATE	1
			70
PARKING 02	Parking Space	PUBLIC	49
PARKING 02	Parking Space - ADA	PUBLIC	1
PARKING 02	Parking Space - ADA VAN	PUBLIC	1
			51
			121
LEVEL 02			
LEVEL 02	Parking Space 17' Deep	PUBLIC	45
LEVEL 02	Parking Space - ADA	PUBLIC	2
			47
			47
Grand total			288

Req. Residential Parking - Multi Unit Building			TOTAL
STUDIO	1.0 SPACE PER DWELLING UNIT	54	**54**
1 BED	1.0 SPACE PER DWELLING UNIT	59	**59**
2 BED	1.5 SPACES PER DWELLING UNIT	27	**40.5**
3 BED	2.0 SPACES PER DWELLING UNIT	17	**34**
PARKING TOTAL		*157*	**187.5**

Min. ADA Parking Spaces			TOTAL
PRIVATE LEVEL 01	*121*		
PRIVATE LEVEL 02	*70*		
	191	*151-200*	**6** Stalls
PUBLIC LEVEL 02	*51*		
PUBLIC LEVEL 02 - SURFACE	*47*		
	98	*76-100*	**4** Stalls
			10 Stalls

REQ BICYCLE PARKING		
SHORT-TERM BICYCLE PARKING		
• 1 SPACE PER 5 DWELLING UNIT • 157 TOTAL UNITS	31.4	**32**
• 50% WITHIN 50'-0" OF ENTRANCE		2'Wx6'Lx7'H
• 50% WITHIN 100'-0" OF ANY ENTRANCE		
• LONG TERM BICYCLE STORAGE - 1 SPACE PER 4 DWELLING UNITS • WALL MTD HOOKS @ PARKING STALLS		

Parking Schedule Total

Comments	Count
PRIVATE	190
PUBLIC	98
Grand total	288

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE., WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000, 3700323000, 3700337001

SHEET TITLE: **PARKING PLAN - LEVEL P02**

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A02-2**

KEY PLAN

NO SCALE

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.

1 FLOOR PLAN - LEVEL 01

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
OVERALL PLAN - LEVEL 01

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-1**

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.

1 FLOOR PLAN - LEVEL 02

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

PARKING SCHEDULE

Level	Space Size	Comments	#
PARKING 01			
PARKING 01	Parking Space	PRIVATE	118
PARKING 01	Parking Space - ADA	PRIVATE	1
PARKING 01	Parking Space - ADA VAN	PRIVATE	1
			120
			120
PARKING 02			
PARKING 02	Parking Space	PRIVATE	66
PARKING 02	Parking Space - ADA	PRIVATE	3
PARKING 02	Parking Space - ADA VAN	PRIVATE	1
			70
PARKING 02	Parking Space	PUBLIC	49
PARKING 02	Parking Space - ADA	PUBLIC	1
PARKING 02	Parking Space - ADA VAN	PUBLIC	1
			51
			121
LEVEL 02			
LEVEL 02	Parking Space 17' Deep	PUBLIC	45
LEVEL 02	Parking Space - ADA	PUBLIC	2
			47
			47
Grand total			288

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE., WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE: **OVERALL PLAN - LEVEL 02**

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-2**

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.

1 FLOOR PLAN - LEVEL 03

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE: **OVERALL PLAN - LEVEL 03**

REVISIONS:

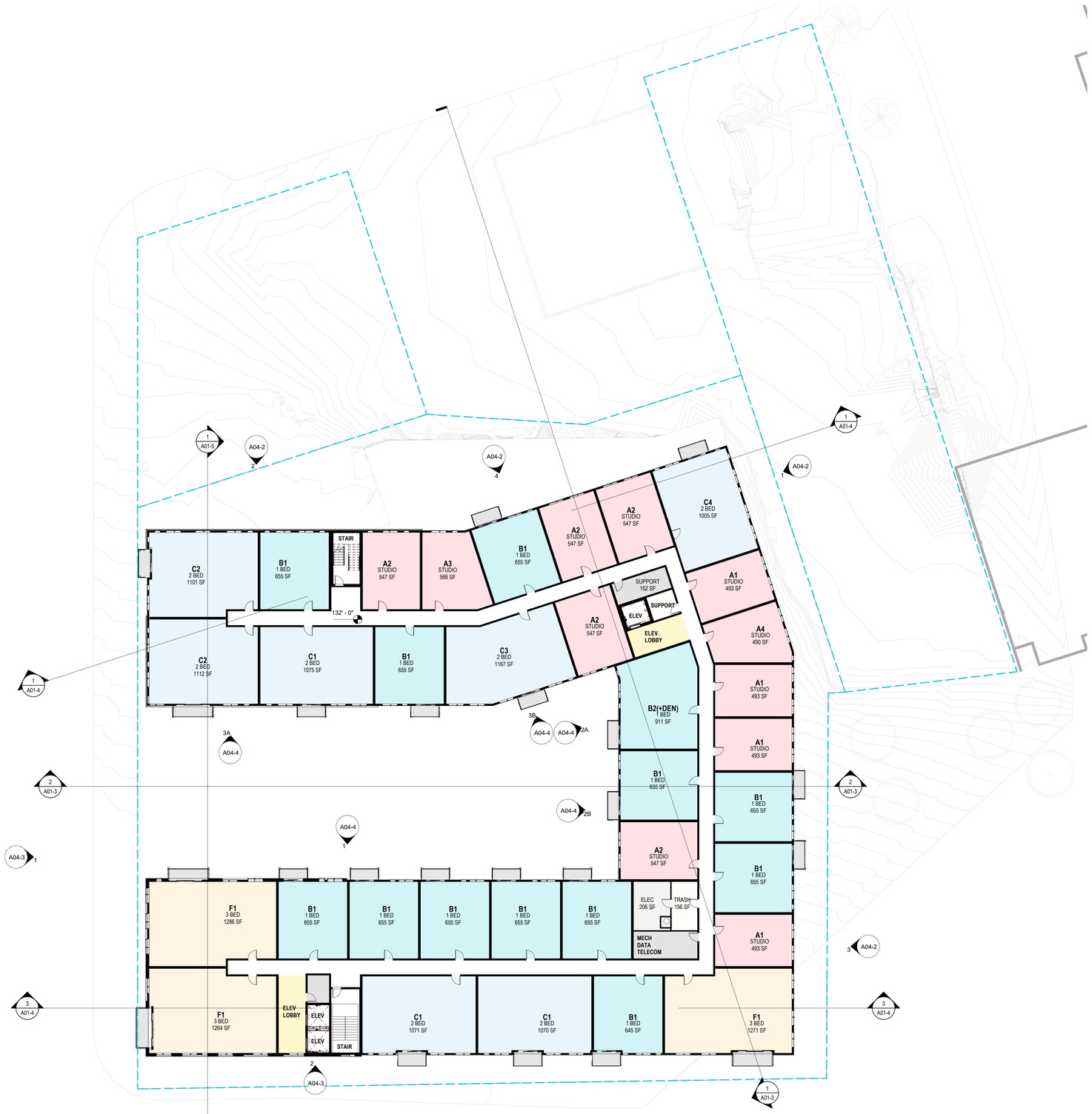
SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-3**

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.



1 FLOOR PLAN - LEVEL 04

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE., WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
OVERALL PLAN - LEVEL 04

REVISIONS:

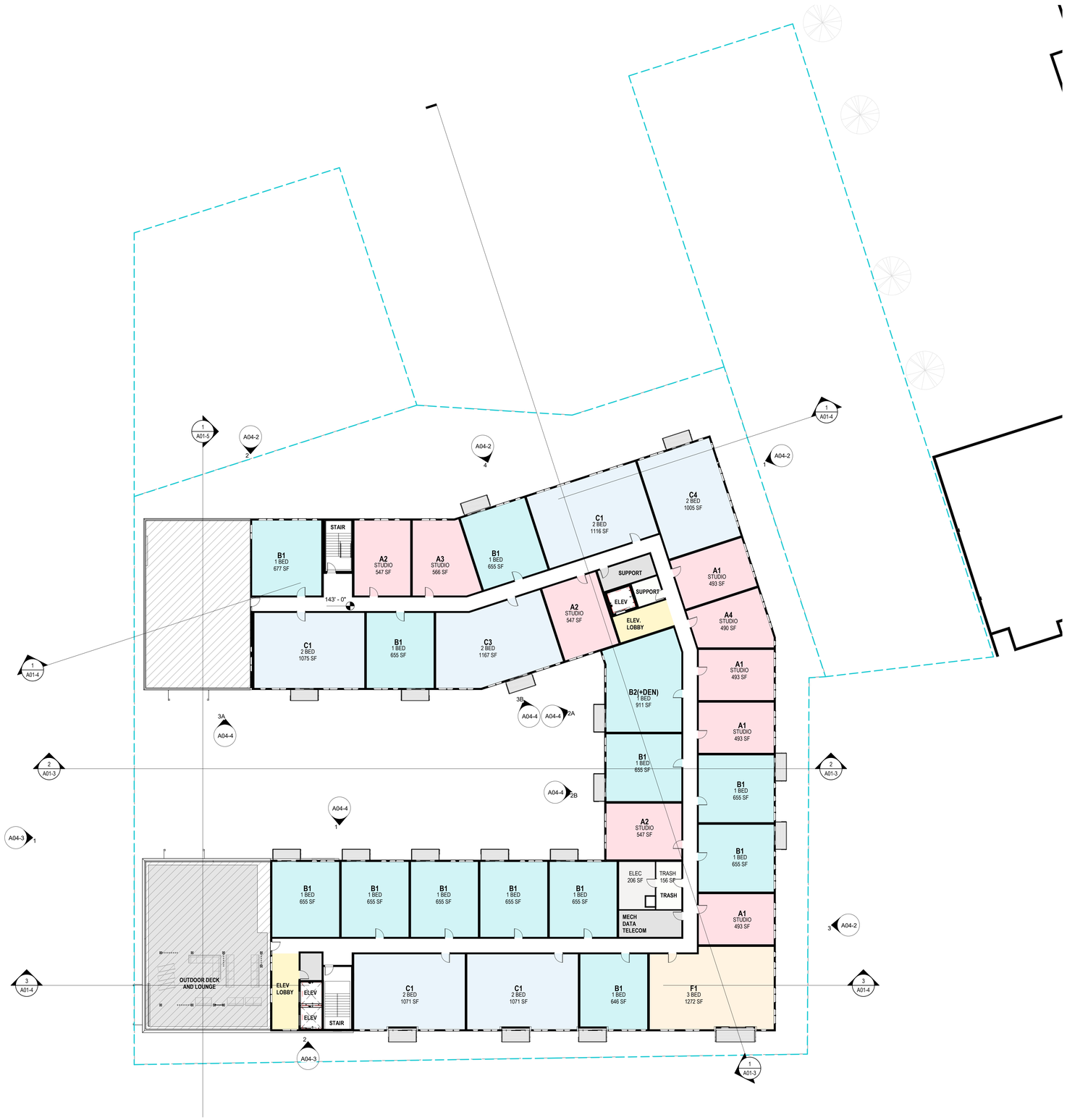
SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-4**

NEW WORK PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1	WALL MTD BIKE HOOK AT EACH STALL, TYP.
2	BOLLARD, TYP.



1 FLOOR PLAN - LEVEL 05

Scale: 1/16" = 1'-0"

0' 3' 6' 12' 18'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000, 3700323000, 3700337001

SHEET TITLE: **OVERALL PLAN - LEVEL 05**

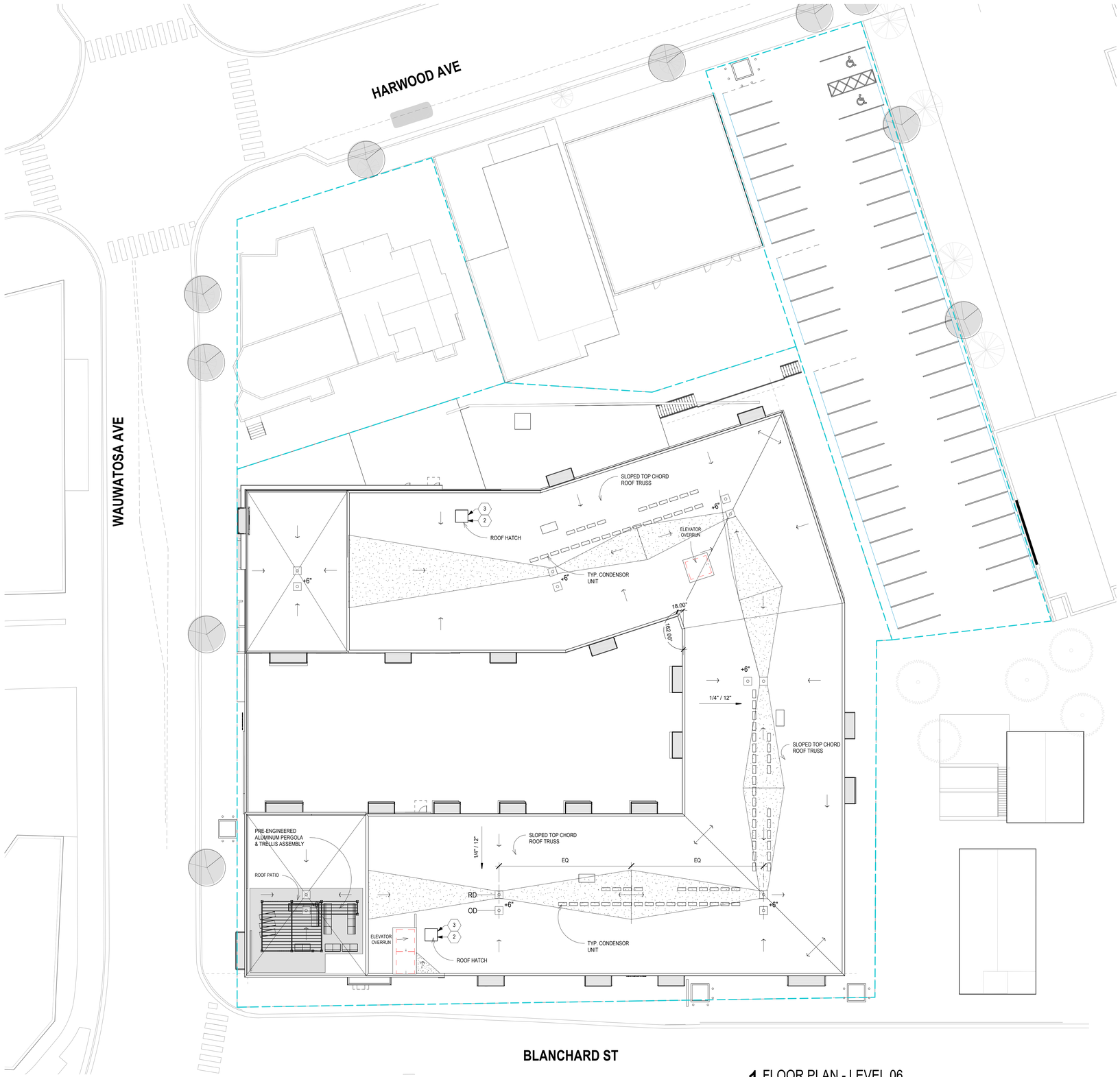
REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-5**

NEW WORK ROOF PLAN KEY NOTES

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK ROOF PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.



1 FLOOR PLAN - LEVEL 06
Scale: 1/16" = 1'-0"
0' 3' 6' 12' 18'

KEY PLAN
NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE., WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
OVERALL PLAN - LEVEL 06

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A03-6**

4 OVERALL ELEVATION - NORTH SITE

Scale: 1/16" = 1'-0"

0' 4' 8' 16' 24'

3 OVERALL ELEVATION - WAUWATOSA AVENUE

Scale: 1/16" = 1'-0"

0' 4' 8' 16' 24'

2 OVERALL ELEVATION - SOUTH

Scale: 1/16" = 1'-0"

0' 4' 8' 16' 24'

1 OVERALL ELEVATION - NORTH EAST

Scale: 1/16" = 1'-0"

0' 4' 8' 16' 24'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

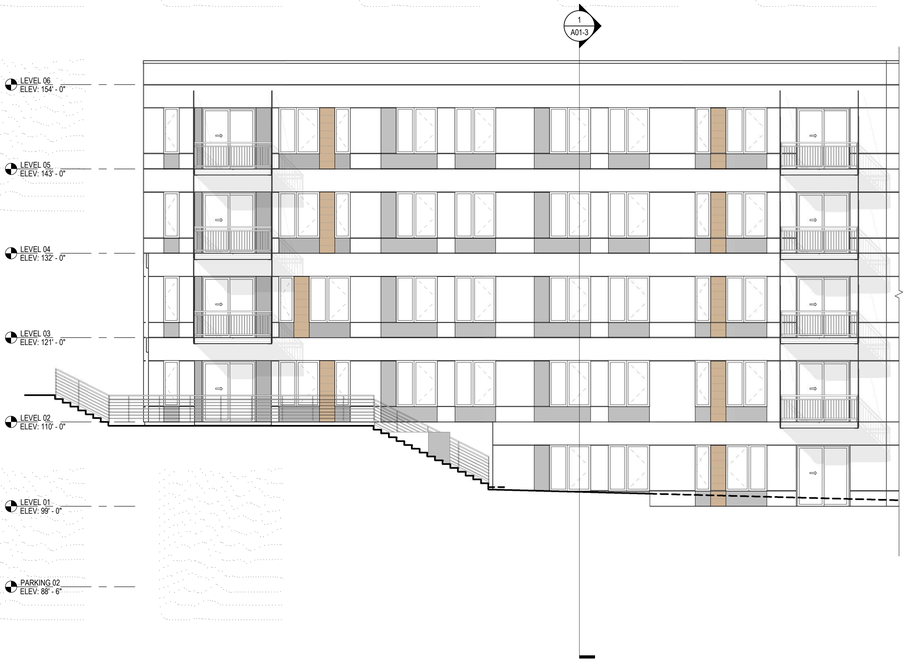
HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
OVERALL ELEVATIONS

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A04-1**



4 NORTH WING - NORTHWEST

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

2 NORTH WING - NORTH ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

EXTERIOR MATERIAL LEGEND

FIBER CEMENT HORIZONTAL SIDING
SMOOTH LAP SIDING ALTERNATING SIZES (8.25" / 6.25" / 5.25")
SEE ENLARGED ELEVATION FOR TYP. PATTERN
METAL TRIM SYSTEM W/ EXPOSED FASTENERS
COLOR: NIGHT GRAY/LIGHT MIST
BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

FIBER CEMENT PANEL SIDING
SMOOTH TEXTURED PANELS
METAL TRIM SYSTEM
W/ EXPOSED FASTENERS

FCP-01
COLOR: ARTIC WHITE

FCP-02
COLOR: IRON GRAY

FCP-03
COLOR: LIGHT MIST

BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

COMPOSITE/ALUMINUM SIDING
COLOR: WOOD
BASIS OF DESIGN - LONGBOARD ALUMINUM SIDING

MASONRY
FACE BRICK 01, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: MANGANESE IRONSPOT, SMOOTH
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

BASE BRICK 01, MODULAR SIZE 3 5/8"H x 7 5/8"L x 3 5/8"D
COLOR: - MIDNIGHT GROUND
BASIS OF DESIGN - CORDOVA STONE BY ECHELON MASONRY - OR EQUAL

MASONRY
FACE BRICK 02, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: LIGHT GREY, VELOUR TEXTURE
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

CONCRETE
CAST-IN PLACE CONCRETE

GENERAL EXTERIOR ELEVATION NOTES TO CONTRACTOR

1.

3 EAST WING - EAST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

1 EAST WING - NORTHEAST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

KEY PLAN

NO SCALE

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs; 3700362000, 3700323000, 3700337001

SHEET TITLE:
EXTERIOR ELEVATIONS

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A04-2**

2 SOUTH WING - SOUTH ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

1 SOUTH WING - WEST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

EXTERIOR MATERIAL LEGEND

FIBER CEMENT HORIZONTAL SIDING
SMOOTH LAP SIDING ALTERNATING SIZES (8.25" / 6.25" / 5.25")
SEE ENLARGED ELEVATION FOR TYP. PATTERN
METAL TRIM SYSTEM W/ EXPOSED FASTENERS
COLOR: NIGHT GRAY/LIGHT MIST
BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

FCP-01
COLOR: ARTIC WHITE

FCP-02
COLOR: IRON GRAY

FCP-03
COLOR: LIGHT MIST

FIBER CEMENT PANEL SIDING
SMOOTH TEXTURED PANELS
METAL TRIM SYSTEM
W/ EXPOSED FASTENERS
BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

COMPOSITE/ALUMINUM SIDING
COLOR: WOOD
BASIS OF DESIGN - LONGBOARD ALUMINUM SIDING

MASONRY
FACE BRICK 01, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: MANGANESE IRONSPOT, SMOOTH
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

BASE BRICK 01, MODULAR SIZE 3 5/8"H x 7 5/8"L x 3 5/8"D
COLOR: - MIDNIGHT GROUND
BASIS OF DESIGN - CORDOVA STONE BY ECHELON MASONRY - OR EQUAL

MASONRY
FACE BRICK 02, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: LIGHT GREY, VELOUR TEXTURE
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

CONCRETE
CAST-IN PLACE CONCRETE

GENERAL EXTERIOR ELEVATION NOTES TO CONTRACTOR

1.

KEY PLAN
NO SCALE

T 414.220.9640
751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

CONSULTANTS:

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

NOT FOR CONSTRUCTION
THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES.

HARLOW AND HEM
7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000
BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
EXTERIOR ELEVATIONS

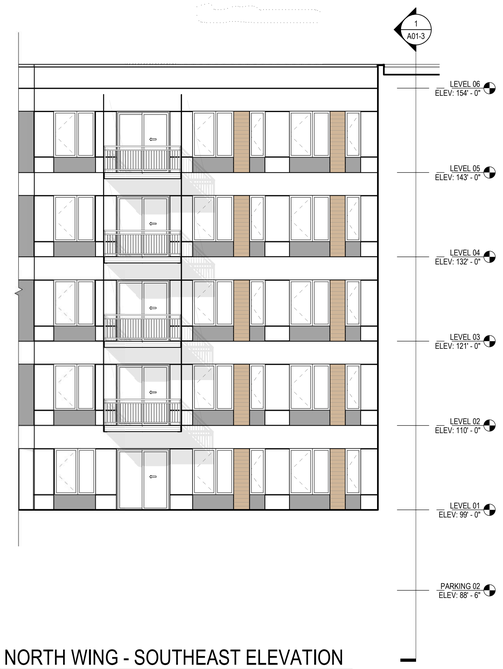
REVISIONS:

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A04-3**

3A NORTH WING - SOUTH ELEVATION

Scale: 1/8" = 1'-0"

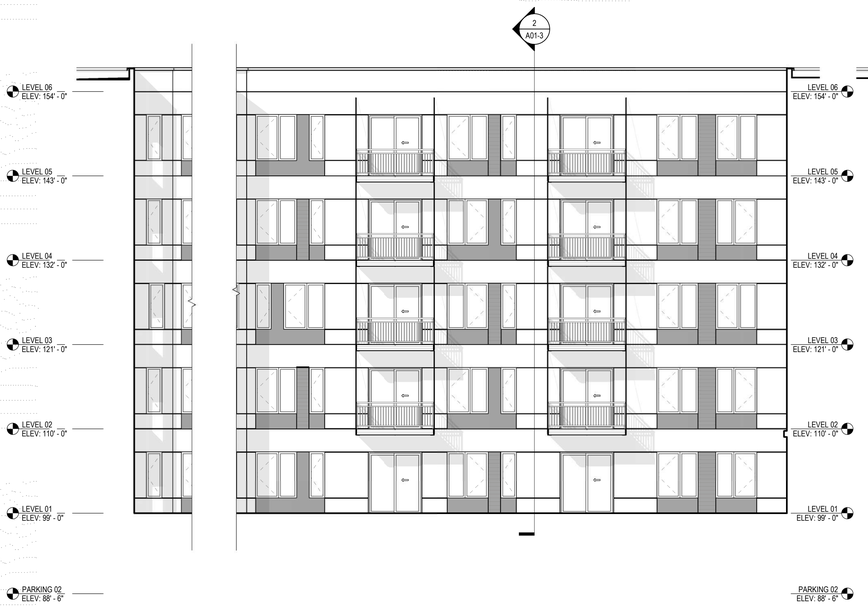
0' 2' 4' 8' 12'



3B NORTH WING - SOUTHEAST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'



2A EAST WING - SOUTHWEST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

2B EAST WING - WEST ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

1 SOUTH WING - NORTH ELEVATION

Scale: 1/8" = 1'-0"

0' 2' 4' 8' 12'

EXTERIOR MATERIAL LEGEND

FIBER CEMENT HORIZONTAL SIDING
SMOOTH LAP SIDING ALTERNATING SIZES (8.25" / 6.25" / 5.25")
SEE ENLARGED ELEVATION FOR TYP. PATTERN
METAL TRIM SYSTEM W/ EXPOSED FASTENERS
COLOR: NIGHT GRAY/LIGHT MIST
BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

FIBER CEMENT PANEL SIDING
SMOOTH TEXTURED PANELS
METAL TRIM SYSTEM
W/ EXPOSED FASTENERS

FCP-01
COLOR: ARTIC WHITE

FCP-02
COLOR: IRON GRAY

FCP-03
COLOR: LIGHT MIST

BASIS OF DESIGN - JAMES HARDIE COLLECTION - OR EQUAL

COMPOSITE/ALUMINUM SIDING
COLOR: WOOD
BASIS OF DESIGN - LONGBOARD ALUMINUM SIDING

MASONRY
FACE BRICK 01, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: MANGANESE IRONSPOT, SMOOTH
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

BASE BRICK 01, MODULAR SIZE 3 5/8"H x 7 5/8"L x 3 5/8"D
COLOR: - MIDNIGHT GROUND
BASIS OF DESIGN - CORDOVA STONE BY ECHELON MASONRY - OR EQUAL

MASONRY
FACE BRICK 02, MODULAR SIZE 3-5/8"H x 7-5/8"L x 3-5/8"D
COLOR: LIGHT GREY, VELOUR TEXTURE
BASIS OF DESIGN - ENDICOTT BRICK - OR EQUAL

CONCRETE
CAST-IN PLACE CONCRETE

GENERAL EXTERIOR ELEVATION NOTES TO CONTRACTOR

1.

T 414.220.9640

751 N Jefferson St.
Suite 200
Milwaukee, WI 53202

© COPYRIGHT 2023. CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USED FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0259-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE:
EXTERIOR ELEVATIONS - COURTYARD

REVISIONS:

KEY PLAN
NO SCALE

SCALE	VARIES
PROJECT NUMBER	230702
SET TYPE	**DESIGN REVIEW BOARD SUBMITTAL**
DATE ISSUED	**06/11/2024**
SHEET NUMBER	**A04-4**

PLANT SCHEDULE:

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT
Deciduous Trees					
Car / Fir	4	Carpinus caroliniana 'JN Upright'	Firespire Musclewood	1 1/2"-2"	BB
Gle / Str	2	Gleditsia triacanthos 'Draves' PPAF	Street Keeper Honeylocust	2 1/2"-3"	BB
Ost / vir	4	Ostrya virginiana	Ironwood	2 1/2"-3"	BB
Que / Reg	2	Quercus robur x bicolor 'Long'	Regal Prince English Oak	2 1/2"-3"	BB
Evergreen Trees					
Jun / low	42	Juniperus chinensis 'Iowa'	Iowa Juniper	5' - 6' ht.	BB
Thu / Tec	15	Thuja occidentalis 'Bail John' PP15,850	Technito Arborvitae	5' - 6' ht.	BB
Evergreen Shrubs					
Jun / Kal	16	Juniperus chinensis 'Pfitzeriana Kallay'	Kallays Compact Juniper	18" - 24"	Cont.
Tax / Den	12	Taxus x media 'Densiformus'	Densi Yew	24" - 30"	Cont.
Thu / Eme	29	Thuja occidentalis 'Smaragd'	Emerald Arborvitae	4' - 5' ht.	Cont.
Evergreen Shrubs (broadleaf)					
Bux / Gre	42	Buxus x 'Green Mound'	Green Mound Boxwood	3 gallon	Cont.
Deciduous Shrubs					
Aro / mel	5	Aronia melanocarpa	Black Chokeberry	24" - 30"	Cont.
Cor / Art	5	Cornus stolonifera 'Farrow' PP18,523	Artic Fire Dogwood	18" - 24"	Cont.
Hyd / Ann	10	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	3 gallon	Cont.
Hyd / Rub	12	Hydrangea quercifolia 'Ruby Slippers'	Ruby Slippers Oakleaf Hydrangea	3 gallon	Cont.
Rhu / Gro	5	Rhus aromatica 'Gro-low'	Gro-low Sumac	2 gallon	Cont.
Sam / Lem	6	Sambucus racemosa 'SMNSRD4'	Lemony Lace Elderberry	2 gallon	Cont.
Ste / inc	15	Stephanandra incisa 'Crispa'	Cutleaf Stephanandra	18"	Cont.
Perennials					
Hos / Pat	10	Hosta 'Patriot'	Patriot Hosta	1 gallon	Cont.
Hos / Sum	9	Hosta 'Sum and Substance'	Sum and Substance Hosta	1 gallon	Cont.
Nep / Wal	21	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	1 gallon	Cont.
Ornamental Grasses					
Cal / Kar	43	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon	Cont.
Pan / Nor	29	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gallon	Cont.

VEHICLE USE AREA (VUA) - GREEN SPACE CALCULATIONS:

INTERIOR VUA LANDSCAPE REQUIREMENTS:
Vehicle Use Area (VUA) = On-site resident parking and additional public parking is located in underground parking garage. VUA in surface public parking lot is 12,448 S.F.

- Interior VUA Parking Lot Landscape Area Required (10% of area) = 1,245 S.F.
- Interior VUA Parking Lot Landscape Area Provided = **533 S.F.**
- Number of Shade Trees Required = 1,245 S.F. / 180 S.F. = 7 Shade Trees
- Number of Shade Trees Provided = **2 Shade Trees**
- Parking Lot Island Landscape Widths & Area Dimensions Shown on Plan

PERIMETER VUA LANDSCAPE REQUIREMENTS:
Perimeter Length of Vehicle Use Area (VUA) Adjacent to Street Public ROW = 40 L.F.
Required Trees & Shrubs (2 deciduous trees and 8 shrubs per 50 L.F.)

- Required Trees (0.8 X 2) = 2 Trees
- Required Shrubs (0.8 X 8) = 7 Shrubs

- Number of Trees Provided Adjacent to Street Public ROW = **2 Trees**
- Number of Shrubs Provided Adjacent to Street Public ROW = **9 Shrubs**

VEHICLE USE AREA (VUA):

PAVEMENT

LENGTH OF PARKING LOT PERIMETER ALONG R.O.W. — 20'-0"

WIDTH OF PARKING LOT ISLAND — 9 / 10'-1"

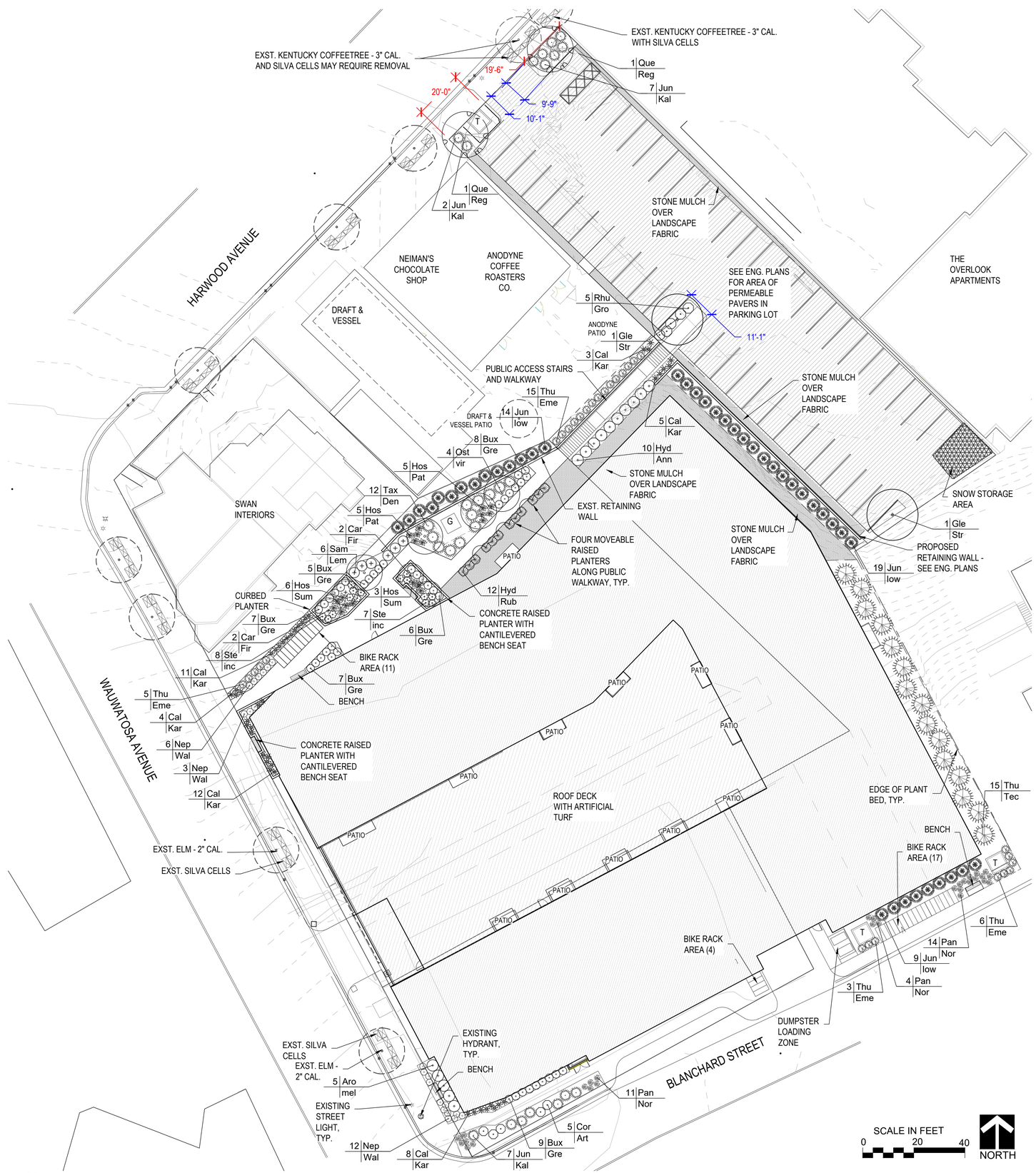
SNOW STORAGE AREA

PLANTING - GROUNDCOVER KEY:

STONE MULCH OVER LANDSCAPE FABRIC

NOTES:

A. LANDSCAPE IRRIGATION: AUTOMATED LANDSCAPE IRRIGATION SYSTEM TO BE INSTALLED. LANDSCAPE IRRIGATION SYSTEM TO BE DESIGNED AND INSTALLED BY LANDSCAPE CONTRACTOR OR IRRIGATION CONSULTANT.
B. SNOW REMOVAL ON SITE: PEDESTRIAN ROUTES SHALL BE KEPT CLEAR OF SNOW. SNOW TO BE PUSHED OR BLOWN TO THE SIDE OF THE ROUTE TO ALLOW PASSAGE. SEE PLAN FOR LOCATION OF SNOW STORAGE IN PARKING LOT.



1 L00-1

SITE LANDSCAPE PLAN - OVERALL

SCALE: 1" = 20'-0"

T 414.220.9640
751 N. Jefferson Street, STE 200
Milwaukee, WI 53202

©COPYRIGHT 2019, CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:
new eden LANDSCAPE ARCHITECTURE
131 W. Seeboth Street, Suite 240
Milwaukee, WI 53204
Tel: (414) 530-1080 www.newedenlandscape.com

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USE FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

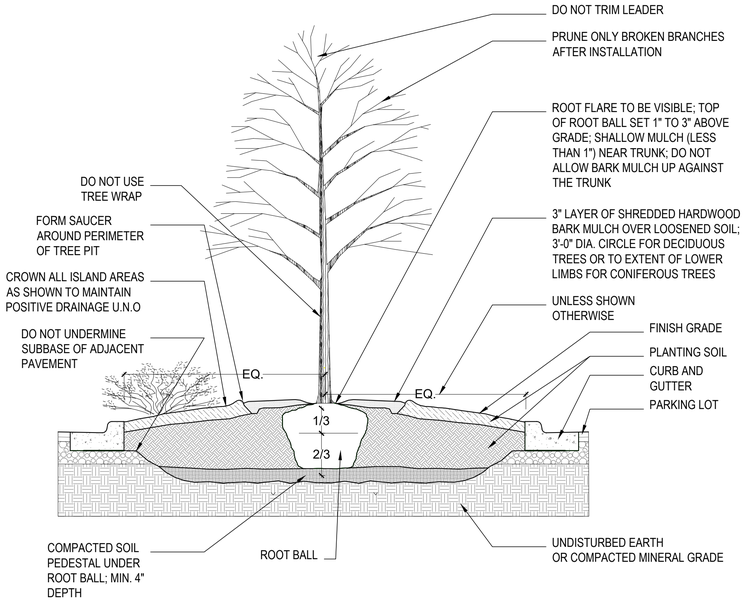
7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

SHEET TITLE: **Site Landscape Plan**

REVISIONS:

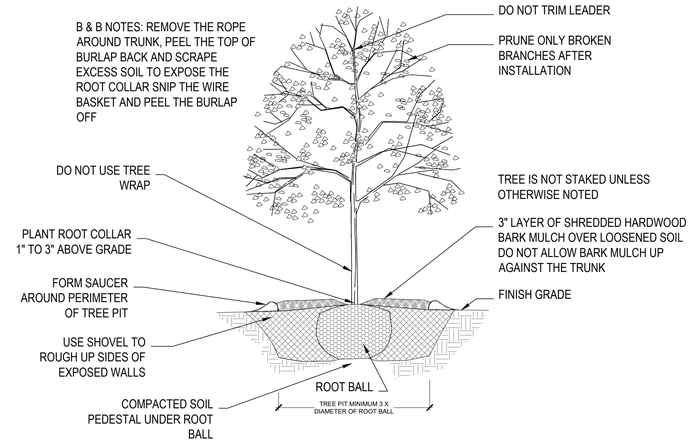
SCALE	VARIES
PROJECT NUMBER	201103
SET TYPE	**DESIGN REVIEW BOARD RE-SUBMITTAL**
DATE ISSUED	**06/07/2024**
SHEET NUMBER	**L00-1**



3 L00-2

TREE PLANTING - IN PARKING LOT ISLAND

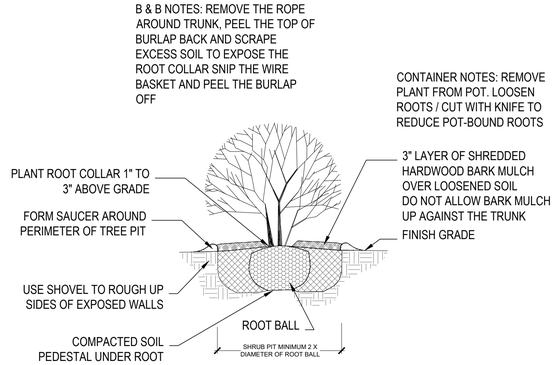
NOT TO SCALE



4 L00-2

TREE PLANTING - TYPICAL DETAIL

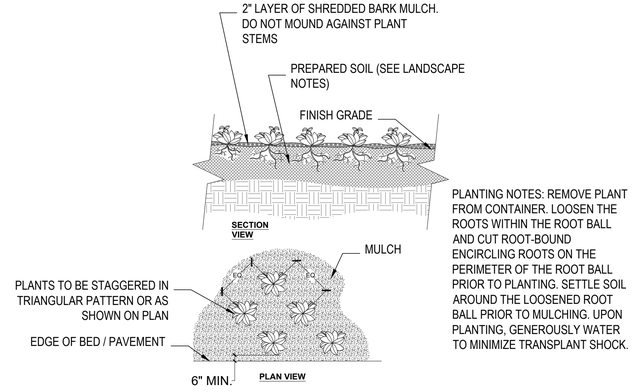
NOT TO SCALE



2 L00-2

SHRUB PLANTING - TYPICAL DETAIL

NOT TO SCALE



1 L00-2

PERENNIAL PLANTING - TYPICAL DETAIL

NOT TO SCALE

T 414.220.9640

751 N. Jefferson Street, STE 200
Milwaukee, WI 53202

©COPYRIGHT 2019, CONTINUUM ARCHITECTS + PLANNERS S.C.

CONSULTANTS:

new eden LANDSCAPE ARCHITECTURE
131 W. Seeboth Street, Suite 240
Milwaukee, WI 53204
Tel: (414) 530-1080 www.newedenlandscape.com

NOT FOR CONSTRUCTION

THESE DRAWINGS ARE RELEASED FOR DESIGN DEVELOPMENT PURPOSES ONLY. THEY ARE NOT TO BE USE FOR REGULATORY APPROVAL, PERMIT, OR CONSTRUCTION PURPOSES .

HARLOW AND HEM

7460 BLANCHARD ST, WAUWATOSA, WI 53213; Tax Key ID 370-0324-001
7463 HARWOOD AVE, WAUWATOSA, WI 53213; Tax Key ID 370-0359-000

BLANCHARD ST PUBLIC PARKING LOTS, WAUWATOSA, WI
Tax Key IDs: 3700362000; 3700323000; 3700337001

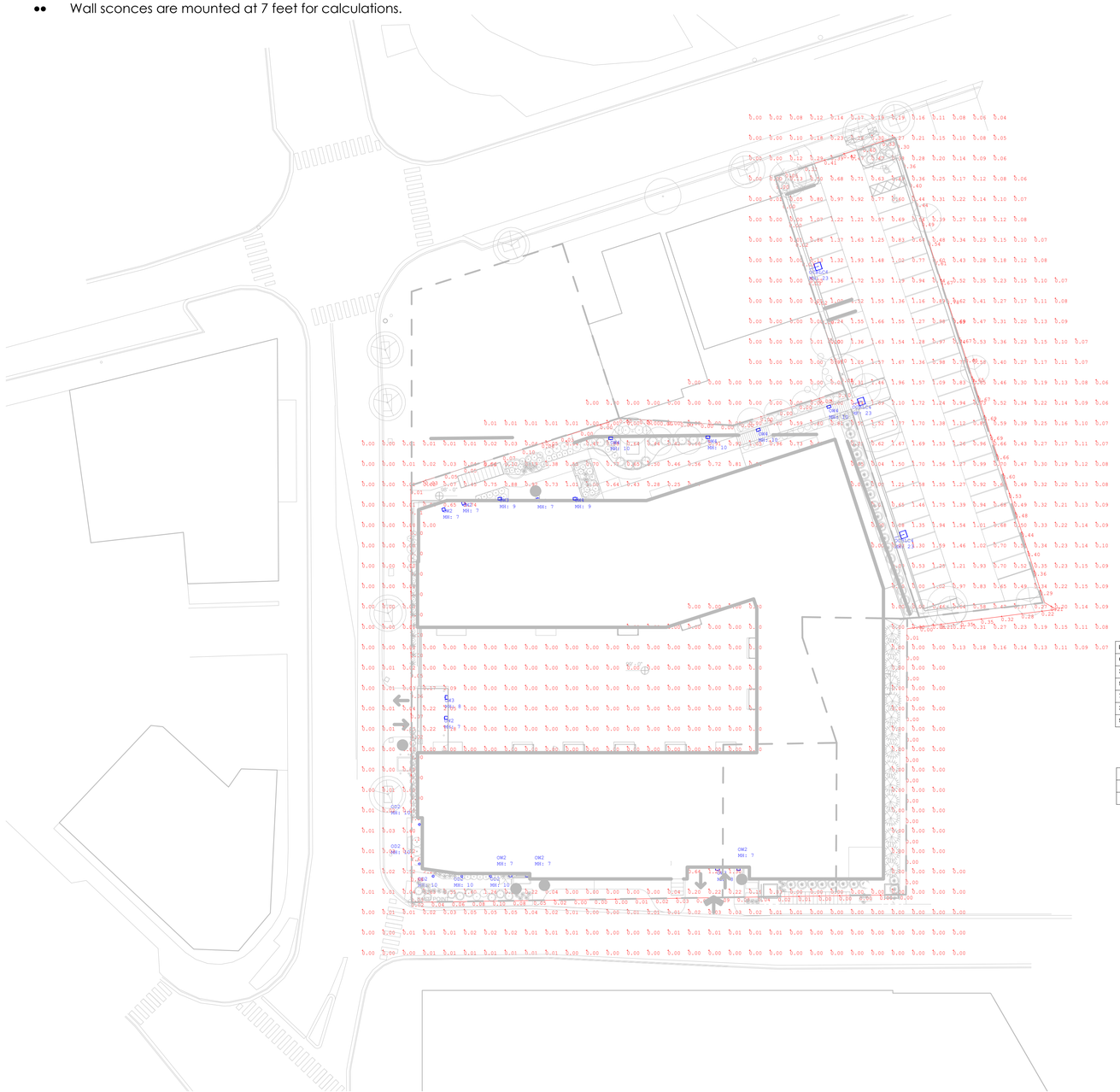
SHEET TITLE:
Planting Details

REVISIONS:

SCALE	VARIES
PROJECT NUMBER	201103
SET TYPE	**DESIGN REVIEW BOARD RE-SUBMITTAL**
DATE ISSUED	**06/07/2024**
SHEET NUMBER	**L00-2**

NOTES:

- Customers are responsible for confirming mounting heights, fixture suspension types/ lengths, color temperature, CRI, linear fixture lengths, pole lengths, and bollard heights/ lengths prior to ordering.
- Mounting height (MH) is measured from the bottom of the fixture to the floor.
- This Lighting layout assumes the following unless values are specified and must be confirmed by the customer prior to ordering.
  - Color Temperature is 4000K
  - Room reflectance of 80, 50, 20 for standard ceilings and 50, 50, 20 for exposed ceilings
  - Wall sconces are mounted at 7 feet for calculations.



Luminaire Schedule							
Qty	Label	LLF	MFG	Description	Lum. Watts	Total Watts	Lum. Lumens
3	OCBLC4	0.950	LITHONIA	DSX1 LED P2 xxK 80CRI BLC4 + 20' POLE + 3' BASE	68	204	6728
5	OD2	0.950	LITHONIA	LDN4 ALO1 SWW1 LO4AR LSS (500LM)	6	30	575
7	OW2	0.950	KUZCO	EW60312-xx	11	77	172
3	OW3	0.950	LITHONIA	WDGE2 LED P0 xxK 80CRI T1S	7	21	666
5	OW4	0.950	LITHONIA	WDGE2 LED P0 xxK 80CRI T3M	7	35	728

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking Area	Illuminance	Fc	1.12	2.1	0.1	11.20	21.00

ENTERPRISE
Lighting & Control

#	DATE	COMMENTS

REVISIONS

DRAWN BY : JT

DATE : JUNE 11 2024

SCALE : 1" = 30'

HARLOW AND HEM

WAUWATOSA, WISCONSIN

SITE LIGHTING LAYOUT

Harlow & Hem

APARTMENTS

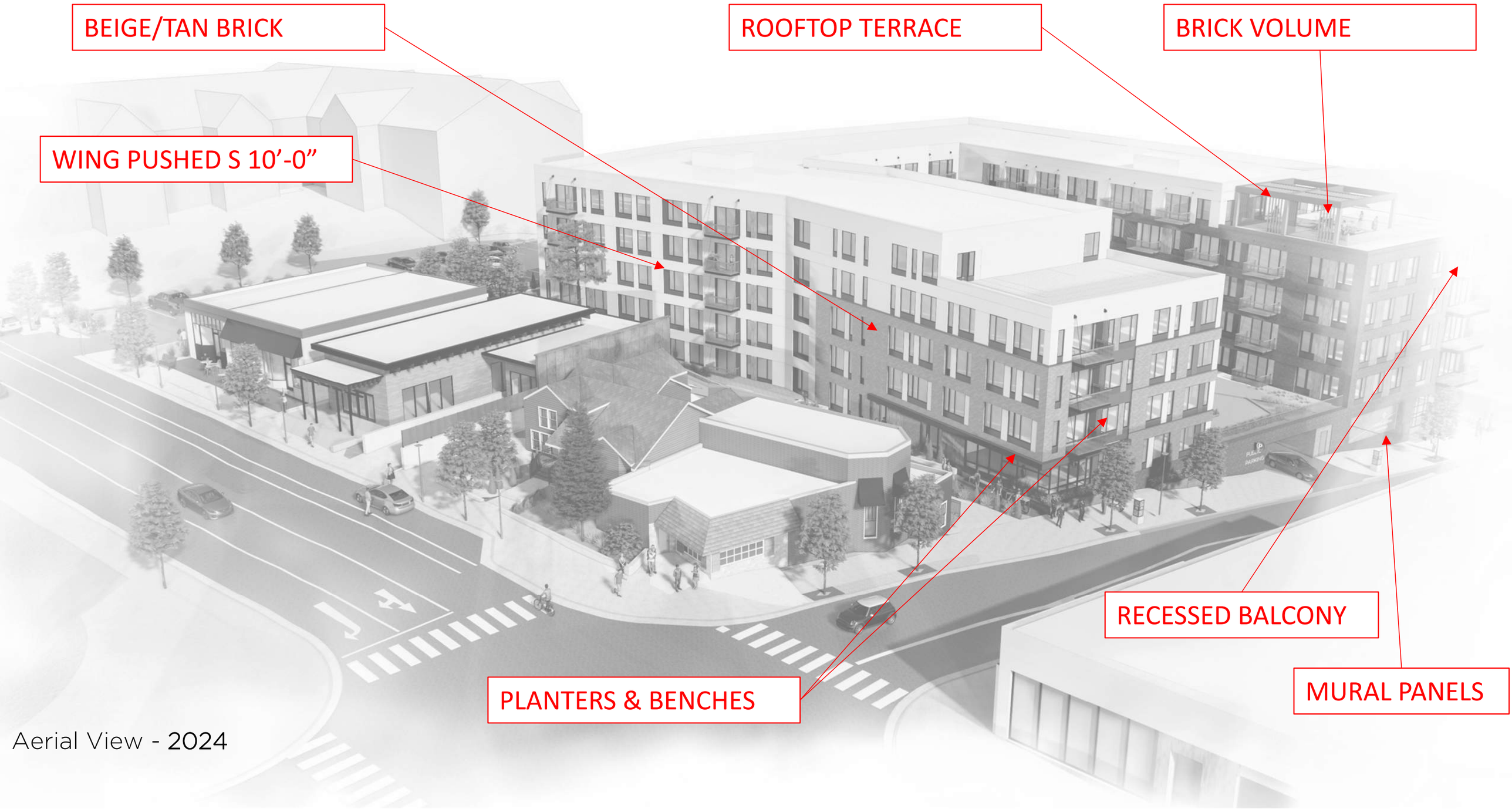
Design Review Board

06/11/2024

continuum
ARCHITECTS + PLANNERS

MANDEL GROUP

Aerial View - 2024



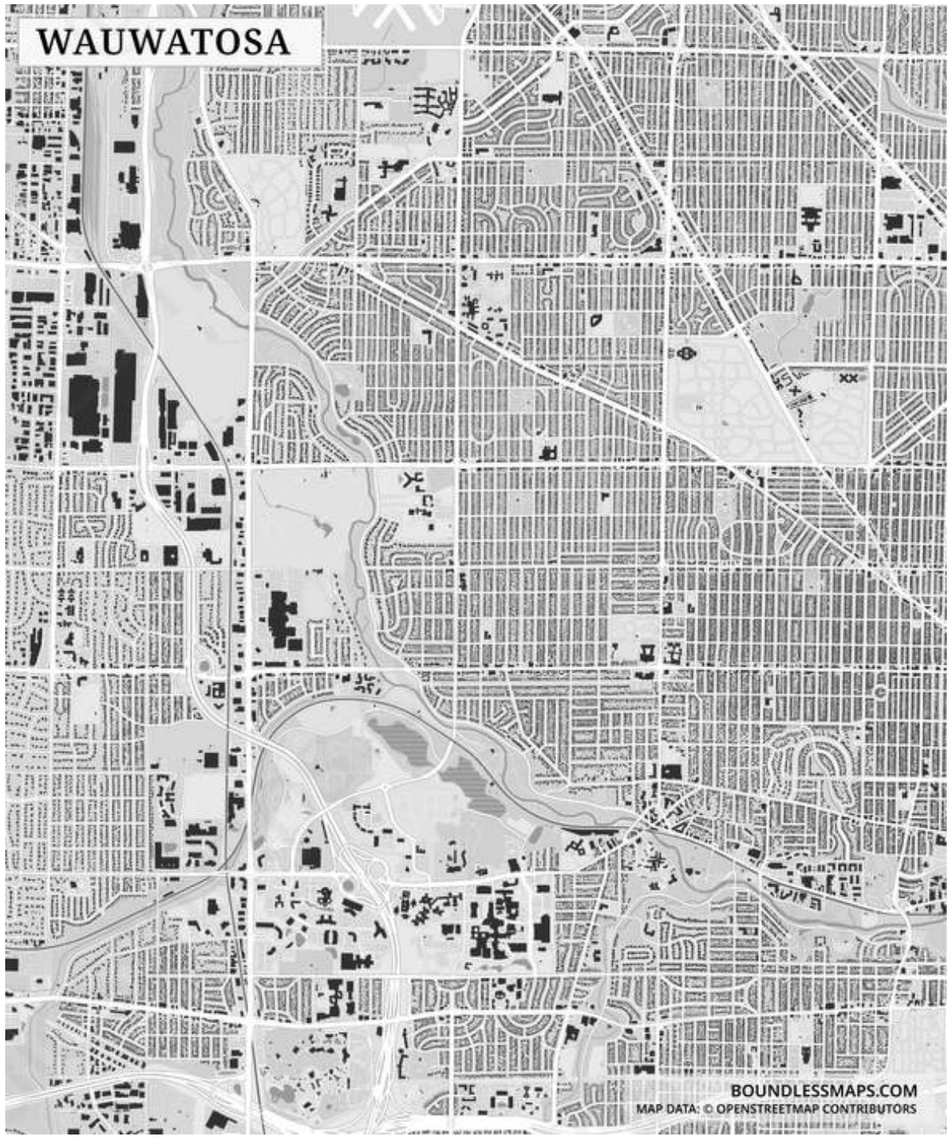
Aerial View - 2024

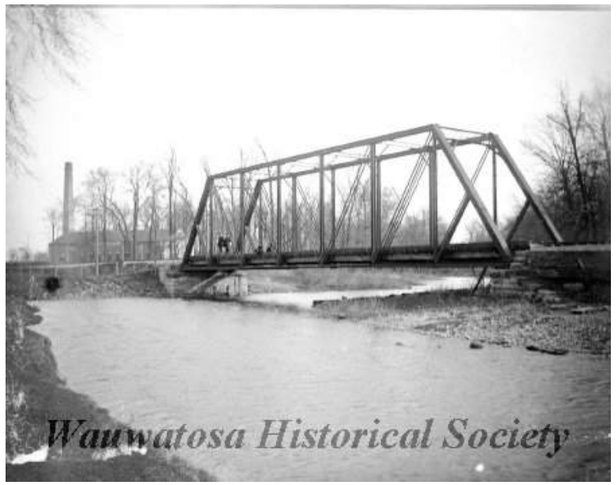
Intersection View – Wauwatosa Ave & Blanchard St

Corner View – Wauwatosa Ave & Blanchard St

Entry View – Wauwatosa Ave & Blanchard St

Mural View – Blanchard St





Historic Wauwatosa Images – Wall Art Examples

Wauwatosa Ave & Harwood Ave Corner

Wauwatosa Ave - Fitness Room Corner

Harwood Ave - Public Parking

Coffee Terrace

Public Path Entry

Public Path

MASONRY- BRICK
3 5/8" X 3 5/8" X 7 5/8"
Color: Manganese Ironspot

FACE BRICK 01

MASONRY - BRICK
3 5/8" X 3 5/8" X 7 5/8"
Color: Light Gray Blend, Velour

FACE BRICK 02

WINDOW FRAME / ALUMINUM STOREFRONT
Dark Gray Finish

ALUMINUM ACCENT PANEL
Wood Pattern

FIBER CEMENT PANEL / LAP SIDING
Iron Gray- Smooth Finish

FIBER CEMENT PANEL
Light Mist- Smooth Finish

FIBER CEMENT PANEL
Arctic White- Smooth Finish

HARLOW AND HEM

Material Board

continuum
ARCHITECTS + PLANNERS

MANDEL GROUP

ENDICOTT CLAY PRODUCTS CO
WWW.ENDICOTT.COM
ANGANESE IRONSPOT
SMOOTH MODULAR

ENDICOTT CLAY PRODUCTS CO
WWW.ENDICOTT.COM
LIGHT GRAY BLEND
VELOUR MODULAR

Remove Watermark Now

Catalog

OB2 EB45636-UNV Spec Sheet-.pdf ····· 1
OCBLC4 dsx1-led.pdf ····· 2
OD1 ldn4-.pdf ····· 12
OW2 EW60312 Spec Sheet.pdf ····· 20
OW3 wdge2-led_precision_refractive_optic.pdf ····· 21

pdfelement

EVANS
EB45636-UNV

BOLLARDS

PROJECT

OB2

Remove Watermark Now

EB45636-BK-UNV
Black

DESCRIPTION

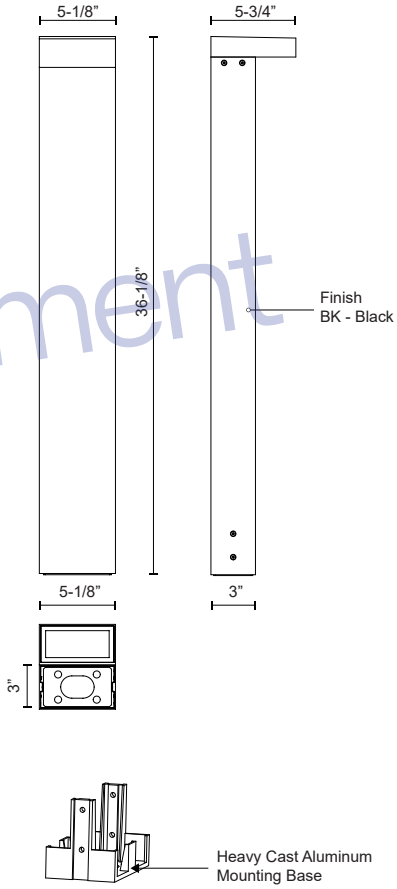
Meet Evans, the epitome of contemporary outdoor lighting. Our Evans bollard fixture series combines sleek, modern design with integrated LED path-facing lighting, making it the ideal choice for illuminating your outdoor spaces in style. Crafted in a sophisticated matte black finish, Evans boasts a timeless rectangular shape that effortlessly blends with any exterior aesthetic.

- Modern, timeless design
- Heavy cast aluminum body
- T2 Illumination
- IP65 compliant
- Wet rated for exterior use
- IK10 Constructed Body

SPECIFICATION DETAILS

Fixture Dimensions	L5-1/8" x W5-3/4" x H36-1/8"
Light Source	LED with DC Driver
Wattage	24W
Total Lumens	2040lm
Delivered Lumens	1270lm
Voltage	120-277V
Color Temperature	3000K
CRI (Ra)	90CRI
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, TRIAC or ELV Dimmer (Not Included)
Diffuser Details	Clear Acrylic TIR Optical Array
Location	Wet, IP65
Illumination Direction	T2 ILLUMINATION
Material	Heavy Cast Aluminum
Dark Sky	Yes

* For custom options, consult factory for details.
* For warranty information, please visit www.kuzcolighting.com/warranty



pdfelement

KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3
USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM

© 2024 KUZCO LIGHTING. ALL RIGHTS RESERVED.

COMMENT

D-Series Size 1
LED Area Luminaire

Catalog Number

Notes

Type OCBLC4

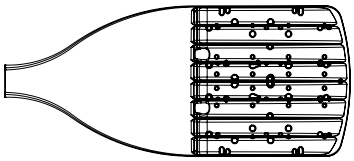
Remove Watermark Now

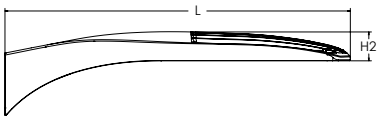
Hit the Tab key or mouse over the page to see all interactive elements.

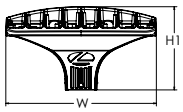
d-series

Specifications

EPA:	0.69 ft² (0.06 m²)
Length:	32.71" (83.1 cm)
Width:	14.26" (36.2 cm)
Height H1:	7.88" (20.0 cm)
Height H2:	2.73" (6.9 cm)
Weight:	34 lbs (15.4 kg)







Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

Series	LEDs	Color temperature [2]	Color Rendering Index [2]	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P6 P2 P7 P3 P8 P4 P9 P5 **Rotated optics** P10 [1] P12 [1] P11 [1] P13 [1]	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K (this section 80CRI only, extended lead times apply) 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 70CRI 70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type I short T2M Type II medium T3M Type III medium T3LG Type III low glare [3] T4M Type IV medium T4LG Type IV low glare [3] TFTM Forward throw medium T5M Type V medium T5LG Type V low glare T5W Type V wide BLC3 Type III backlight control [3] BLC4 Type IV backlight control [3] LCCO Left corner cutoff [3] RCCO Right corner cutoff [3]	MVOLT (120V-277V) [4] HVOLT (347V-480V) [5,6] XVOLT (277V - 480V) [7,8] 120 [16,26] 208 [16,26] 240 [16,26] 277 [16,26] 347 [16,26] 480 [16,26]	**Shipped included** SPA Square pole mounting (#8 drilling) RPA Round pole mounting (#8 drilling) SPA5 Square pole mounting #5 drilling [9] RPA5 Round pole mounting #5 drilling [9] SPA8N Square narrow pole mounting #8 drilling WBA Wall bracket [10] MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options

Shipped installed

NLTAIR2 PIRHN	nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. [11,12,20,21]
PIR	High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [13,20,21]
PER	NEMA twist-lock receptacle only (controls ordered separate) [14]
PER5	Five-pin receptacle only (controls ordered separate) [14,21]
PER7	Seven-pin receptacle only (controls ordered separate) [14,21]
FAO	Field adjustable output [15,21]
BL30	Bi-level switched dimming, 30% [16,21]
BL50	Bi-level switched dimming, 50% [16,21]
DMG	0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [17]
DS	Dual switching [18,19,21]

Other options

Shipped installed

SPD20KV	20KV surge protection
HS	Houseside shield (black finish standard) [22]
L90	Left rotated optics [1]
R90	Right rotated optics [1]
CCE	Coastal Construction [23]
HA	50°C ambient operation [24]
BAA	Buy America(n) Act Compliant
SF	Single fuse (120, 277, 347V) [26]
DF	Double fuse (208, 240, 480V) [26]

Shipped separately

EGSR	External Glare Shield (reversible, field install required, matches housing finish)
BSDB	Bird Spikes (field install required)

Finish *(required)*

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Ordering Information

Remove Watermark Now

Accessories

Ordered and shipped separately.

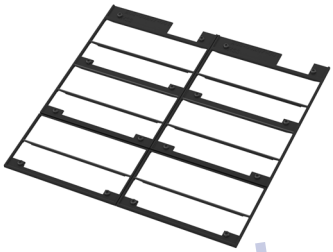
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [25]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [25]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [25]
DSHORT SBK	Shorting cap [25]
DSX1HS P#	House-side shield (enter package number 1-13 in place of #)
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)
DSXRPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)
DSX1EGSR (FINISH)	External glare shield (specify finish)
DSX1BSDB (FINISH)	Bird spike deterrent bracket (specify finish)

NOTES

1 Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.
2 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
3 T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
5 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6 HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
7 XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
8 XVOLT not available in packages P1 or P10. XVOLT not available with fusing (SF or DF).
9 SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
10 WBA cannot be combined with Type 5 distributions plus photocell (PER).
11 NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this link
12 NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P1 and P10 using HVOLT. NLTAIR2 PIRHN not available with P1 and P10 using XVOLT.
13 PIR not available with NLTAIR2 PIRHN, PER, PER5, PER7, FAO BL30, BL50, DMG and DS. PIR not available with P1 and P10 using HVOLT. PIR not available with P1 and P10 using XVOLT.
14 PER/PER5/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
15 FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, DMG and DS.
16 BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120, 277 or 347V. Consult tech support for 208, 240 or 480V.
17 DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DS.
18 DS not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DMG.
19 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P8, P9, P10, P11, P12 and P13.
20 Reference Motion Sensor Default Settings table on page 4 to see functionality.
21 Reference Controls Options table on page 4.
22 HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23 CCE option not available with option BS and EGSR. Contact Technical Support for availability.
24 Option HA not available with performance packages P4, P5, P7, P8, P9 and P13.
25 Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
26 Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

Shield Accessories

External Glare Shield (EGSR)

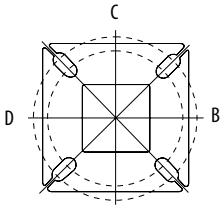


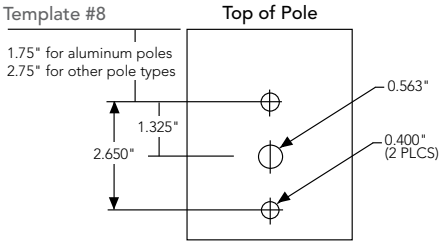
House Side Shield (HS)

pdfelement

Drilling

HANDHOLE ORIENTATION





Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	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	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA8N	#8	3"	3"	3"	3"		3"

DSX1 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX1 with SPA	0.69	1.38	1.23	1.54	---	1.58
DSX1 with SPA5, SPA8N	0.70	1.40	1.30	1.66	---	1.68
DSX1 with RPA, RPA5	0.70	1.40	1.30	1.66	1.60	1.68
DSX1 with MA	0.83	1.66	1.50	2.09	2.09	2.09

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

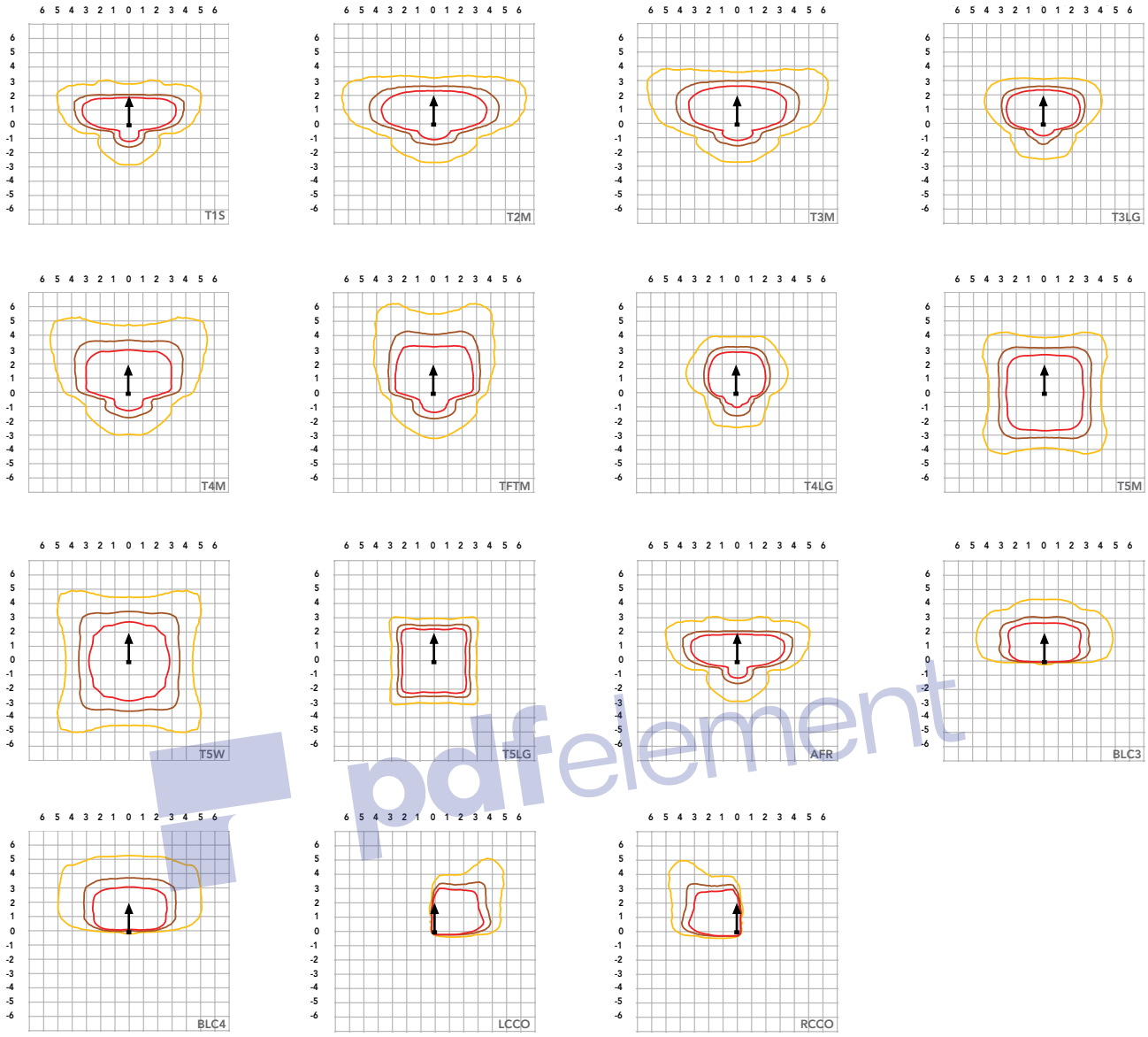
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage.

Remove Watermark Now

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc



pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

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	50°F	1.02
20°C	68°F	1.01
25°C	**77°C**	**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
0	1.00
25,000	0.95
50,000	0.90
100,000	0.81

FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	93%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use maximum published values by package listed on specification sheet (input watts and lumens by optic type).

Electrical Load

	Performance Package	LED Count	Drive Current (mA)	Wattage	Current (A) 120V	208V	240V	277V	347V	480V
Forward Optics (Non-Rotated)	P1	30	530	51	0.42	0.24	0.21	0.18	0.15	0.11
	P2	30	700	68	0.56	0.33	0.28	0.24	0.20	0.14
	P3	30	1050	104	0.85	0.49	0.43	0.37	0.29	0.21
	P4	30	1250	125	1.03	0.60	0.52	0.45	0.36	0.26
	P5	30	1400	142	1.15	0.66	0.58	0.50	0.40	0.29
	P6	40	1250	167	1.38	0.79	0.69	0.60	0.48	0.34
	P7	40	1400	188	1.54	0.89	0.77	0.67	0.53	0.38
	P8	60	1100	216	1.80	1.04	0.90	0.78	0.62	0.45
	P9	60	1400	279	2.31	1.33	1.15	1.00	0.80	0.58
Rotated Optics (Requires L90 or R90)	P10	60	530	101	0.84	0.49	0.42	0.37	0.29	0.21
	P11	60	700	135	1.12	0.65	0.56	0.49	0.39	0.28
	P12	60	1050	206	1.72	0.99	0.86	0.74	0.59	0.43
	P13	60	1400	279	2.30	1.33	1.15	1.00	0.79	0.57

LED Color Temperature / Color Rendering Multipliers

	70 CRI		80CRI		90CRI	
	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)
2700K	94%	(see note)	85%	Extended lead-time	57%	(see note)

Note: Some LED types are available as per special request. Contact Technical Support for more information.

pdfelement

Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (when occupied)	Phototcell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
NLTAIR2 PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

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 (not available on DSX0)	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.
PER5 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. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rSBG	Cannot be used with other controls options that need the 0-10V leads.
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 Eclypse.	nLight Air rSBG	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UVOLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

Lumen Output

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

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	30	530	T1S	7,776	1	0	2	153	8,104	1	0	2	159	8,262	1	0	2	162
				T2M	7,203	1	0	3	142	7,507	2	0	3	147	7,653	2	0	3	150
				T3M	7,287	1	0	3	143	7,594	1	0	3	149	7,742	1	0	3	152
				T3LG	6,509	1	0	1	128	6,783	1	0	1	133	6,916	1	0	1	136
				T4M	7,395	1	0	3	145	7,707	1	0	3	151	7,857	1	0	3	154
				T4LG	6,726	1	0	1	132	7,010	1	0	1	138	7,146	1	0	1	140
				TFTM	7,446	1	0	3	146	7,760	1	0	3	152	7,912	1	0	3	155
				T5M	7,609	3	0	2	149	7,930	3	0	2	156	8,084	3	0	2	159
				T5W	7,732	3	0	2	152	8,058	4	0	2	158	8,215	4	0	2	161
				T5LG	7,631	3	0	1	150	7,953	3	0	1	156	8,108	3	0	1	159
				BLC3	5,300	0	0	2	104	5,524	0	0	2	109	5,631	0	0	2	111
				BLC4	5,474	0	0	3	108	5,705	0	0	3	112	5,816	0	0	3	114
				RCCO	5,348	0	0	2	105	5,573	0	0	2	109	5,682	0	0	2	112
				LCCO	5,348	0	0	2	105	5,573	0	0	2	109	5,682	0	0	2	112
				AFR	7,776	1	0	2	153	8,104	1	0	2	159	8,262	1	0	2	162
P2	68W	30	700	T1S	9,997	1	0	2	147	10,418	1	0	2	154	10,621	1	0	2	157
				T2M	9,260	2	0	3	137	9,651	2	0	3	142	9,839	2	0	3	145
				T3M	9,368	2	0	3	138	9,763	2	0	3	144	9,953	2	0	3	147
				T3LG	8,368	1	0	2	123	8,721	1	0	2	129	8,891	1	0	2	131
				T4M	9,507	2	0	3	140	9,909	2	0	3	146	10,102	2	0	3	149
				T4LG	8,647	1	0	2	128	9,012	1	0	2	133	9,187	1	0	2	136
				TFTM	9,573	2	0	3	141	9,977	2	0	3	147	10,172	2	0	3	150
				T5M	9,782	4	0	2	144	10,195	4	0	2	150	10,393	4	0	2	153
				T5W	9,940	4	0	2	147	10,360	4	0	2	153	10,562	4	0	2	156
				T5LG	9,810	3	0	1	145	10,224	3	0	1	151	10,423	3	0	1	154
				BLC3	6,814	0	0	2	101	7,101	0	0	2	105	7,240	0	0	2	107
				BLC4	7,038	0	0	3	104	7,334	0	0	3	108	7,477	0	0	3	110
				RCCO	6,875	1	0	2	101	7,165	1	0	2	106	7,305	1	0	2	108
				LCCO	6,875	1	0	2	101	7,165	1	0	2	106	7,305	1	0	2	108
				AFR	9,997	1	0	2	147	10,418	1	0	2	154	10,621	1	0	2	157
P3	102W	30	1050	T1S	14,093	2	0	2	138	14,687	2	0	2	144	14,973	2	0	2	147
				T2M	13,055	2	0	3	128	13,605	2	0	3	133	13,871	2	0	3	136
				T3M	13,206	2	0	4	129	13,763	2	0	4	135	14,031	2	0	4	137
				T3LG	11,797	2	0	2	115	12,294	2	0	2	120	12,534	2	0	2	123
				T4M	13,403	2	0	4	131	13,968	2	0	4	137	14,241	2	0	4	139
				T4LG	12,190	2	0	2	119	12,704	2	0	2	124	12,952	2	0	2	127
				TFTM	13,496	2	0	4	132	14,065	2	0	4	138	14,339	2	0	4	140
				T5M	13,790	4	0	2	135	14,371	4	0	2	141	14,652	4	0	2	143
				T5W	14,013	4	0	3	137	14,605	4	0	3	143	14,889	4	0	3	146
				T5LG	13,830	3	0	2	135	14,413	3	0	2	141	14,694	3	0	2	144
				BLC3	9,606	0	0	2	94	10,011	0	0	2	98	10,206	0	0	2	100
				BLC4	9,921	0	0	3	97	10,340	0	0	3	101	10,541	0	0	3	103
				RCCO	9,692	1	0	2	95	10,101	1	0	2	99	10,298	1	0	2	101
				LCCO	9,692	1	0	2	95	10,101	1	0	2	99	10,298	1	0	2	101
				AFR	14,093	2	0	2	138	14,687	2	0	2	144	14,973	2	0	2	147

pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

Lumen Output

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

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P4	124W	30	1250	T1S	16,416	2	0	3	132	17,109	2	0	3	138	17,442	2	0	3	141
				T2M	15,207	3	0	4	123	15,849	3	0	4	128	16,158	3	0	4	130
				T3M	15,383	2	0	4	124	16,032	2	0	4	129	16,345	2	0	4	132
				T3LG	13,742	2	0	2	111	14,321	2	0	2	116	14,600	2	0	2	118
				T4M	15,613	2	0	4	126	16,272	2	0	4	131	16,589	2	0	4	134
				T4LG	14,200	2	0	2	115	14,799	2	0	2	119	15,087	2	0	2	122
				TFTM	15,721	2	0	4	127	16,384	2	0	4	132	16,703	2	0	4	135
				T5M	16,063	4	0	2	130	16,741	4	0	2	135	17,067	4	0	2	138
				T5W	16,324	5	0	3	132	17,013	5	0	3	137	17,344	5	0	3	140
				T5LG	16,110	3	0	2	130	16,790	4	0	2	135	17,117	4	0	2	138
				BLC3	11,190	0	0	3	90	11,662	0	0	3	94	11,889	0	0	3	96
				BLC4	11,557	0	0	3	93	12,044	0	0	3	97	12,279	0	0	4	99
				RCCO	11,291	1	0	3	91	11,767	1	0	3	95	11,996	1	0	3	97
				LCCO	11,291	1	0	3	91	11,767	1	0	3	95	11,996	1	0	3	97
				AFR	16,416	2	0	3	132	17,109	2	0	3	138	17,442	2	0	3	141
P5	138W	30	1400	T1S	18,052	2	0	3	131	18,814	2	0	3	136	19,180	2	0	3	139
				T2M	16,723	3	0	4	121	17,428	3	0	4	126	17,768	3	0	4	129
				T3M	16,917	3	0	4	122	17,630	3	0	4	128	17,974	3	0	4	130
				T3LG	15,111	2	0	2	109	15,749	2	0	2	114	16,055	2	0	2	116
				T4M	17,169	3	0	5	124	17,893	3	0	5	130	18,242	3	0	5	132
				T4LG	15,615	2	0	2	113	16,274	2	0	2	118	16,591	2	0	2	120
				TFTM	17,288	2	0	4	125	18,017	2	0	5	130	18,368	3	0	5	133
				T5M	17,664	5	0	3	128	18,410	5	0	3	133	18,768	5	0	3	136
				T5W	17,951	5	0	3	130	18,708	5	0	3	135	19,073	5	0	3	138
				T5LG	17,716	4	0	2	128	18,463	4	0	2	134	18,823	4	0	2	136
				BLC3	12,305	0	0	3	89	12,824	0	0	3	93	13,074	0	0	3	95
				BLC4	12,709	0	0	4	92	13,245	0	0	4	96	13,503	0	0	4	98
				RCCO	12,416	1	0	3	90	12,940	1	0	3	94	13,192	1	0	3	95
				LCCO	12,416	1	0	3	90	12,940	1	0	3	94	13,192	1	0	3	95
				AFR	18,052	2	0	3	131	18,814	2	0	3	136	19,180	2	0	3	139
P6	165W	40	1250	T1S	21,031	2	0	3	127	21,918	2	0	3	133	22,345	2	0	3	135
				T2M	19,482	3	0	4	118	20,303	3	0	4	123	20,699	3	0	4	125
				T3M	19,708	3	0	5	119	20,539	3	0	5	124	20,939	3	0	5	127
				T3LG	17,604	2	0	2	107	18,347	2	0	2	111	18,704	2	0	2	113
				T4M	20,001	3	0	5	121	20,845	3	0	5	126	21,251	3	0	5	129
				T4LG	18,191	2	0	2	110	18,959	2	0	2	115	19,328	2	0	2	117
				TFTM	20,140	3	0	5	122	20,989	3	0	5	127	21,398	3	0	5	129
				T5M	20,579	5	0	3	125	21,447	5	0	3	130	21,865	5	0	3	132
				T5W	20,912	5	0	3	127	21,795	5	0	3	132	22,219	5	0	3	134
				T5LG	20,638	4	0	2	125	21,509	4	0	2	130	21,928	4	0	2	133
				BLC3	14,335	0	0	3	87	14,940	0	0	3	90	15,231	0	0	3	92
				BLC4	14,805	0	0	4	90	15,430	0	0	4	93	15,731	0	0	4	95
				RCCO	14,464	1	0	3	88	15,074	1	0	3	91	15,368	1	0	3	93
				LCCO	14,464	1	0	3	88	15,074	1	0	3	91	15,368	1	0	3	93
				AFR	21,031	2	0	3	127	21,918	2	0	3	133	22,345	2	0	3	135

pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

Lumen Output

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

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P7	184W	40	1400	T1S	22,741	2	0	3	123	23,700	2	0	3	129	24,162	3	0	3	131
				T2M	21,066	3	0	4	114	21,955	3	0	4	119	22,383	3	0	4	121
				T3M	21,311	3	0	5	116	22,210	3	0	5	120	22,642	3	0	5	123
				T3LG	19,036	2	0	2	103	19,839	2	0	3	108	20,226	2	0	3	110
				T4M	21,628	3	0	5	117	22,541	3	0	5	122	22,980	3	0	5	125
				T4LG	19,671	2	0	2	107	20,501	2	0	3	111	20,900	2	0	3	113
				TFTM	21,778	3	0	5	118	22,697	3	0	5	123	23,139	3	0	5	125
				T5M	22,252	5	0	3	121	23,191	5	0	3	126	23,643	5	0	3	128
				T5W	22,613	5	0	3	123	23,567	5	0	4	128	24,027	5	0	4	130
				T5LG	22,317	4	0	2	121	23,258	4	0	2	126	23,712	4	0	2	129
				BLC3	15,501	0	0	3	84	16,155	0	0	4	88	16,470	0	0	4	89
				BLC4	16,010	0	0	4	87	16,685	0	0	4	90	17,010	0	0	4	92
				RCCO	15,641	1	0	3	85	16,301	1	0	3	89	16,619	1	0	3	90
				LCCO	15,641	1	0	3	85	16,301	1	0	3	89	16,619	1	0	3	90
				AFR	22,741	2	0	3	123	23,700	2	0	3	129	24,162	3	0	3	131
P8	216W	60	1100	T1S	28,701	3	0	3	133	29,912	3	0	4	139	30,495	3	0	4	141
				T2M	26,587	3	0	5	123	27,709	3	0	5	128	28,249	3	0	5	131
				T3M	26,895	3	0	5	125	28,030	3	0	5	130	28,576	3	0	5	132
				T3LG	24,025	3	0	3	111	25,038	3	0	3	116	25,526	3	0	3	118
				T4M	27,296	3	0	5	127	28,448	3	0	5	132	29,002	3	0	5	134
				T4LG	24,826	3	0	3	115	25,873	3	0	3	120	26,378	3	0	3	122
				TFTM	27,485	3	0	5	127	28,645	3	0	5	133	29,203	3	0	5	135
				T5M	28,084	5	0	4	130	29,269	5	0	4	136	29,839	5	0	4	138
				T5W	28,539	5	0	4	132	29,743	5	0	4	138	30,323	5	0	4	141
				T5LG	28,165	4	0	2	131	29,354	4	0	2	136	29,926	4	0	2	139
				BLC3	19,563	0	0	4	91	20,388	0	0	4	94	20,786	0	0	4	96
				BLC4	20,205	0	0	5	94	21,057	0	0	5	98	21,468	0	0	5	99
				RCCO	19,740	1	0	4	91	20,572	1	0	4	95	20,973	1	0	4	97
				LCCO	19,740	1	0	4	91	20,572	1	0	4	95	20,973	1	0	4	97
				AFR	28,701	3	0	3	133	29,912	3	0	4	139	30,495	3	0	4	141
P9	277W	60	1400	T1S	34,819	3	0	4	126	36,288	3	0	4	131	36,996	3	0	4	134
				T2M	32,255	3	0	5	116	33,616	3	0	5	121	34,271	3	0	5	124
				T3M	32,629	3	0	5	118	34,006	3	0	5	123	34,668	3	0	5	125
				T3LG	29,146	3	0	3	105	30,376	3	0	4	110	30,968	3	0	4	112
				T4M	33,116	3	0	5	120	34,513	3	0	5	125	35,185	3	0	5	127
				T4LG	30,119	3	0	3	109	31,389	3	0	4	113	32,001	3	0	4	116
				TFTM	33,345	3	0	5	120	34,751	3	0	5	125	35,429	3	0	5	128
				T5M	34,071	5	0	4	123	35,509	5	0	4	128	36,201	5	0	4	131
				T5W	34,624	5	0	4	125	36,084	5	0	4	130	36,788	5	0	4	133
				T5LG	34,170	5	0	3	123	35,612	5	0	3	129	36,306	5	0	3	131
				BLC3	23,734	0	0	4	86	24,735	0	0	4	89	25,217	0	0	4	91
				BLC4	24,513	0	0	5	88	25,547	0	0	5	92	26,045	0	0	5	94
				RCCO	23,948	1	0	4	86	24,958	1	0	4	90	25,445	1	0	4	92
				LCCO	23,948	1	0	4	86	24,958	1	0	4	90	25,445	1	0	4	92
				AFR	34,819	3	0	4	126	36,288	3	0	4	131	36,996	3	0	4	134

pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

Lumen Output

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

Rotated Optics

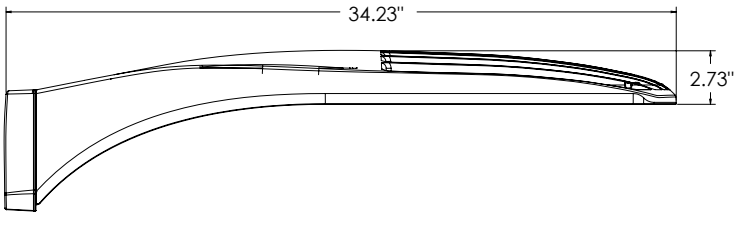
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	101W	60	530	T1S	15,164	3	0	3	150	15,803	3	0	3	156	16,112	3	0	3	159
				T2M	14,047	4	0	4	139	14,640	4	0	4	145	14,925	4	0	4	147
				T3M	14,208	4	0	4	140	14,807	4	0	4	146	15,096	4	0	4	149
				T3LG	12,693	3	0	3	125	13,229	3	0	3	131	13,487	3	0	3	133
				T4M	14,420	4	0	4	142	15,028	4	0	4	148	15,321	4	0	4	151
				T4LG	13,115	3	0	3	129	13,668	3	0	3	135	13,934	3	0	3	138
				TFTM	14,522	4	0	4	143	15,134	4	0	4	149	15,429	4	0	4	152
				T5M	14,836	4	0	2	146	15,462	4	0	2	153	15,763	4	0	2	156
				T5W	15,076	4	0	3	149	15,712	5	0	3	155	16,019	5	0	3	158
				T5LG	14,879	3	0	2	147	15,507	3	0	2	153	15,809	3	0	2	156
				BLC3	10,335	3	0	3	102	10,771	4	0	4	106	10,981	4	0	4	108
				BLC4	10,674	4	0	4	105	11,124	4	0	4	110	11,341	4	0	4	112
				RCCO	10,429	1	0	2	103	10,869	1	0	2	107	11,080	1	0	2	109
				LCCO	10,429	1	0	2	103	10,869	1	0	2	107	11,080	1	0	2	109
				AFR	15,164	3	0	3	150	15,803	3	0	3	156	16,112	3	0	3	159
P11	135W	60	700	T1S	19,437	4	0	4	144	20,257	4	0	4	150	20,651	4	0	4	153
				T2M	18,005	4	0	4	133	18,765	4	0	4	139	19,131	4	0	4	142
				T3M	18,211	4	0	4	135	18,980	4	0	4	141	19,350	4	0	4	143
				T3LG	16,270	3	0	3	121	16,957	3	0	3	126	17,287	4	0	4	128
				T4M	18,483	4	0	4	137	19,263	5	0	5	143	19,638	5	0	5	146
				T4LG	16,810	3	0	3	125	17,519	3	0	3	130	17,861	3	0	3	132
				TFTM	18,614	4	0	4	138	19,399	4	0	4	144	19,777	5	0	5	147
				T5M	19,017	5	0	3	141	19,819	5	0	3	147	20,205	5	0	3	150
				T5W	19,325	5	0	3	143	20,140	5	0	3	149	20,533	5	0	3	152
				T5LG	19,072	4	0	2	141	19,876	4	0	2	147	20,264	4	0	2	150
				BLC3	13,247	4	0	4	98	13,806	4	0	4	102	14,075	4	0	4	104
				BLC4	13,682	4	0	4	101	14,259	4	0	4	106	14,537	4	0	4	108
				RCCO	13,367	1	0	3	99	13,931	1	0	3	103	14,203	1	0	3	105
				LCCO	13,367	1	0	3	99	13,931	1	0	3	103	14,203	1	0	3	105
				AFR	19,437	4	0	4	144	20,257	4	0	4	150	20,651	4	0	4	153
P12	206W	60	1050	T1S	27,457	4	0	4	133	28,616	4	0	4	139	29,174	4	0	4	142
				T2M	25,436	5	0	5	124	26,509	5	0	5	129	27,025	5	0	5	131
				T3M	25,727	5	0	5	125	26,812	5	0	5	130	27,335	5	0	5	133
				T3LG	22,984	4	0	4	112	23,954	4	0	4	116	24,421	4	0	4	119
				T4M	26,110	5	0	5	127	27,212	5	0	5	132	27,742	5	0	5	135
				T4LG	23,747	4	0	4	115	24,749	4	0	4	120	25,231	4	0	4	123
				TFTM	26,295	5	0	5	128	27,404	5	0	5	133	27,938	5	0	5	136
				T5M	26,864	5	0	4	130	27,997	5	0	4	136	28,543	5	0	4	139
				T5W	27,299	5	0	4	133	28,451	5	0	4	138	29,006	5	0	4	141
				T5LG	26,942	4	0	2	131	28,078	4	0	2	136	28,626	4	0	2	139
				BLC3	18,714	4	0	4	91	19,504	4	0	4	95	19,884	4	0	4	97
				BLC4	19,327	5	0	5	94	20,143	5	0	5	98	20,535	5	0	5	100
				RCCO	18,883	1	0	4	92	19,680	1	0	4	96	20,064	1	0	4	97
				LCCO	18,883	1	0	4	92	19,680	1	0	4	96	20,064	1	0	4	97
				AFR	27,457	4	0	4	133	28,616	4	0	4	139	29,174	4	0	4	142
P13	276W	60	1400	T1S	34,436	5	0	5	125	35,889	5	0	5	130	36,588	5	0	5	133
				T2M	31,900	5	0	5	116	33,246	5	0	5	121	33,894	5	0	5	123
				T3M	32,265	5	0	5	117	33,626	5	0	5	122	34,282	5	0	5	124
				T3LG	28,826	4	0	4	105	30,042	4	0	4	109	30,628	4	0	4	111
				T4M	32,746	5	0	5	119	34,128	5	0	5	124	34,793	5	0	5	126
				T4LG	29,782	4	0	4	108	31,039	4	0	4	113	31,644	5	0	4	115
				TFTM	32,978	5	0	5	120	34,369	5	0	5	125	35,039	5	0	5	127
				T5M	33,692	5	0	4	122	35,113	5	0	4	127	35,797	5	0	4	130
				T5W	34,238	5	0	4	124	35,682	5	0	4	129	36,378	5	0	4	132
				T5LG	33,789	5	0	3	122	35,215	5	0	3	128	35,901	5	0	3	130
				BLC3	23,471	5	0	5	85	24,461	5	0	5	89	24,937	5	0	5	90
				BLC4	24,240	5	0	5	88	25,262	5	0	5	92	25,755	5	0	5	93
				RCCO	23,683	1	0	4	86	24,682	1	0	4	89	25,163	1	0	4	91
				LCCO	23,683	1	0	4	86	24,682	1	0	4	89	25,163	1	0	4	91
				AFR	34,436	5	0	5	125	35,889	5	0	5	130	36,588	5	0	5	133

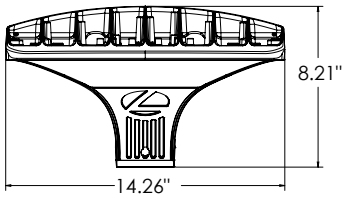
pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

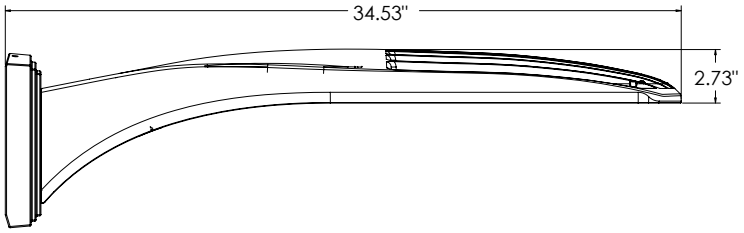
Dimensions

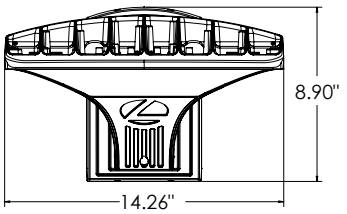
Remove Watermark Now



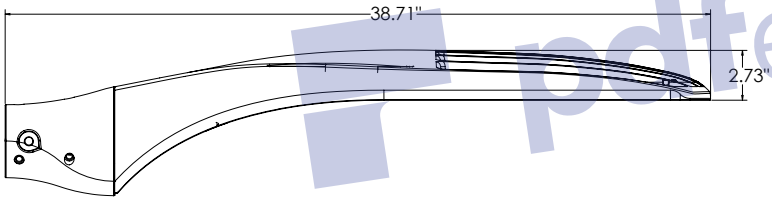


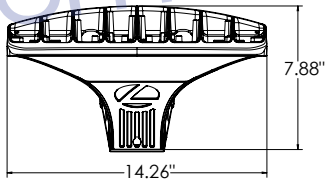
DSX1 with RPA, RPA5, SPA5, SPA8N mount
Weight: 36 lbs





DSX1 with WBA mount
Weight: 38 lbs

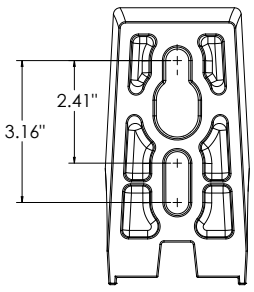




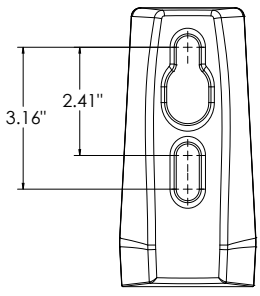
DSX1 with MA mount
Weight: 39 lbs

pdfelement

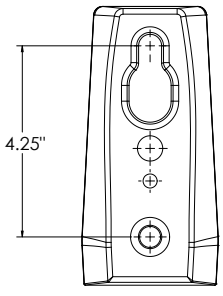
SPA (STANDARD ARM)



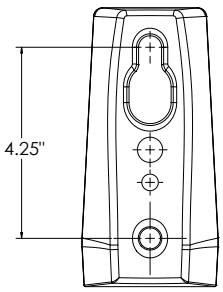
RPA



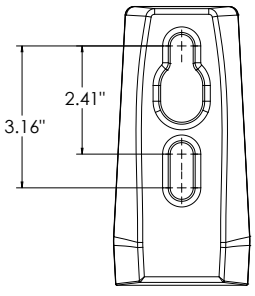
SPA5



RPA5



SPA8N

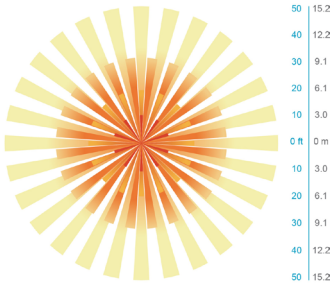


© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

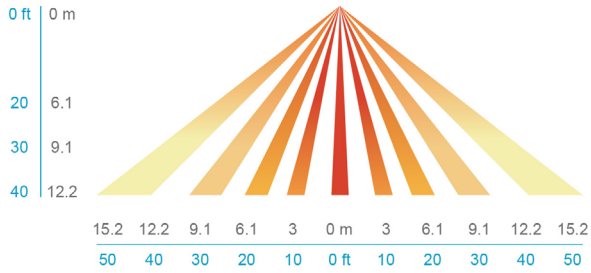
Remove Watermark Now

nLight Sensor Coverage Pattern

NLTAIR2 PIRHN



Top



Side

FEATURES & SPECIFICATIONS

INTENDED USE
The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

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 drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing driver compartment is completely sealed against moisture and environmental contaminants (IP66). Vibration rated per ANSI C136.31 for 3G for SPA and MA. 1.5G for mountings RPA, RPA5, SPA5 and SPA8N. Low EPA (0.69 ft^2) 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.

Coastal Construction (CCE)
Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times may apply.

OPTICS
Precision-molded proprietary silicone lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. 80CRI configurations are also available. The D-Series Size 1 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 configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L81/100,000 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 DSX1 LED area luminaire has a number of control options. DSX Size 1, comes standard with 0-10V dimming drivers. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensor with on-board photocells feature field-adjustable programing and are suitable for mounting heights up to 40 feet. Control option BL features a bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output.

nLIGHT AIR CONTROLS
The DSX1 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 luminaries 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 Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral mounting arm allows for fast mounting using Lithonia standard #8 drilling and accommodates pole drilling's from 2.41 to 3.12" on center. The standard "SPA" option for square poles and the "RPA" option for round poles use the #8 drilling. For #5 pole drillings, use SPA5 or RPA5. Additional mountings are available including a wall bracket (WBA) and mast arm (MA) option that allows luminaire attachment to a 2 3/8" horizontal mast arm.

LISTINGS
UL listed to meet U.S. and Canadian standards. UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP66 rated. Rated for -40ºC minimum ambient.

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.

BUY AMERICAN ACT
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/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.

pdfelement

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

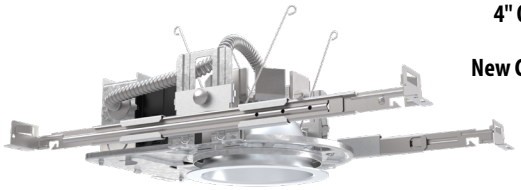
LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	OD2

Remove Watermark Now

LDN4 STATIC WHITE

4" Open and Wallwash LED
Non-IC
New Construction Downlight



Open Trim

Wallwash Trim

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.

Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equeal to or less than 60deg per CIE 117-1996 Discomfort Galre in Interior Lighting. UGR FAQs

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are ROHS compliant

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuity-brands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

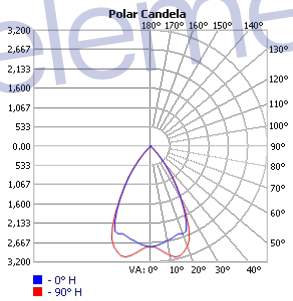
Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

PERFORMANCE DATA

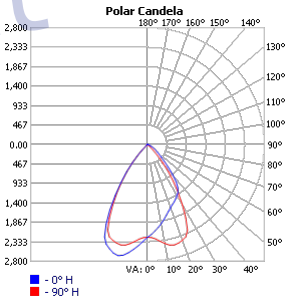
LDN4			
Nominal	**Lumens**	**Wattage**	**Lm/W**
500	523.6	5.74	91.2
750	751.1	8.6	87.3
1000	1045	10.58	98.8
1500	1512	17.5	86.4
2000	2006	22.12	90.7
2500	2551	26.1	97.7
3000	3007	32.1	93.7
4000	4212	43	98.0

Notes
Tested in accordance with IESNA LM-79-08
Tested to current IES and NEMA standards under stabilized laboratory conditions
Based on LDN4 AR LSS 35K 80CRI

DISTRIBUTIONS



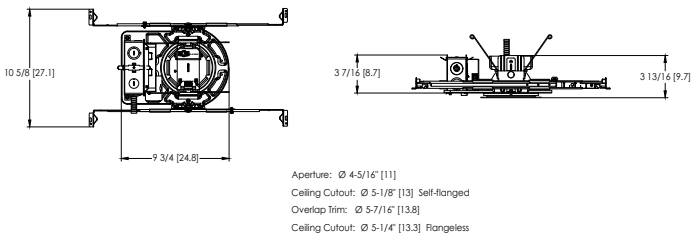
Open



Wallwash

DIMENSIONS

LDN4 500-2000 Lumens



See page 4 for other fixture dimensions

bdtelement

Design Select options indicated by this color background

Remove Watermark Now

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN4 35/15 LO4 AR LSS MVOLT EZ1

LDN4						
Series	**Color temperature**	**Lumens ‡**		**Trim Style**	**Trim Color**	**Trim Finish**	**Flange Color ‡**
LDN4 4" round	27/ 2700K	05 500 lumens	20 2000 lumens	LO4 Downlight	AR Clear	LSS Semi-specular	TRW White painted flange
	30/ 3000K	07 750 lumens	25 2500 lumens	LW4 Wallwash	WR ‡ White	LD Matte diffuse	TRBL Black painted flange
	35/ 3500K	10 1000 lumens	30 3000 lumens		BR ‡ Black	LS Specular	FRALTBD RAL painted flange only
	40/ 4000K	15 1500 lumens	40 4000 lumens		TRALTBD ‡ RAL painted trim		FCPC Custom painted flange only
	50/ 5000K				TCPC ‡ Custom painted trim		

Voltage	**Driver**	**Emergency ‡**	**Control Input ‡**
MVOLT Multi-volt	GZ10 0-10V driver dims to 10%	(blank) No emergency option	(blank) No control option
120 120V	GZ1 0-10V driver dims to 1%	EL Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPP16D nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
277 277V	D10 Minimum dimming 10% driver for use with JOT	ELR Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPP16DER nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
347 ‡ 347V	D1 Minimum dimming 1% driver for use with JOT	ELSD Emergency battery pack with self-diagnostics, 10W Constant Power, integral test switch. Not Certified in CA Title 20 MAEDBS	N80 nLight™ Lumen Compensation
	EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	ELRSD Emergency battery pack with self-diagnostics, 10W Constant Power, remote test switch. Not Certified in CA Title 20 MAEDBS	JOT Wireless room control with "Just One Touch" pairing
	EDAB eldoLED DALI SOLDRIVE dim to dark	E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS	NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
		E10WCPR Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDBS	NPS80EZER nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
		E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIR2 nLight® Air enabled
			NLTAIRER2 nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
			NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.

Options	
HAO ‡	High ambient option (40°C)
CP ‡	Chicago Plenum
RRL___	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.
BAA	Buy America(n) Act Compliant
90CRI	High CRI (90+)
SF ‡	Single fuse

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

(Maximum order quantity for design select lead times is 160.)

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
Lumen Packages	Overall height varies based on lumen package, refer to dimensional charts on page 4
WR, BR	Not available with finish (LSS, LD, LS)
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TRW, TRBL	Available with clear (AR) trim color only
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details
347	Not available with emergency options
All Emergency	12.5" of plenum depth or top access required for battery pack maintenance.
NPP16D, NPP16DER	Not available with MVOLT. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
SF	Must specify 120 or 277 volt
N80	Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
NPP16D, NPP16DER, NPPS80EZ, NPS80EZER	Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
NLTAIR2, NLTAIRER2, NLATAIREM2	Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. Not recommended for metal ceiling installations.
NLTAIR2	When combined with EZ1 or EZ10 drivers, can be used as a normal power
JOT	Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.
HAO	Fixture height is 5-11/16" for all lumen packages with HAO.
CP	Must specify voltage for 3000lm. Not available with emergency battery pack option.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch.

© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

pdfelement

Remove Watermark Now

Accessories: *Order as separate catalog number.*

PS1055CP	FMC Power Sentry batterypack, T20 compliant, field installable, 10w constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA46 JZ	Oversized trim ring with 6" outside diameter
SCA4	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

All the above are UL 924 Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illuminations outperforms legacy 1400 lumen fluorescent emergency ballasts.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

pdfelement

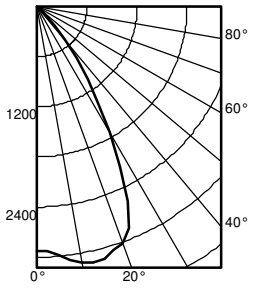
© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

PHOTOMETRY

Distribution Curve | **Distribution Data** | **Output Data** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

LDN4 35/30 LO4AR, input watts: 32.1, delivered lumens: 3122.6, LM/W = 88.52, spacing criterion at 0= 1.04, test no. ISF 30712P249.



	Ave	Lumens
0	2927	
5	2989	290
15	3120	875
25	2575	1136
35	1062	667
45	149	148
55	3	5
65	2	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	2301.2	73.7
0° - 40°	2968.2	95.1
0° - 60°	3121.1	100.0
0° - 90°	3122.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	3122.6	*100.0

*Efficiency

Mounting Height	Inital FC Center Beam	50% beam - 55.6° Diameter	50% beam - 55.6° FC	10% beam - 78.0° Diameter	10% beam - 78.0° FC
8.0	96.8	5.8	48.4	8.9	9.7
10.0	52.0	7.9	26.0	12.2	5.2
12.0	32.4	10.0	16.2	15.4	3.2
14.0	22.1	12.1	11.1	18.6	2.2
16.0	16.1	14.2	8.0	21.9	1.6

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	**3000K**	**3500K**	**4000K**	**5000K**
80CRI	0.950	0.966	1.000	1.025	1.101

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	**White (WR)**	**Black (BR)**
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Ouput power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.
The LPW rating is also available at Designlight Consortium.

pdfelement

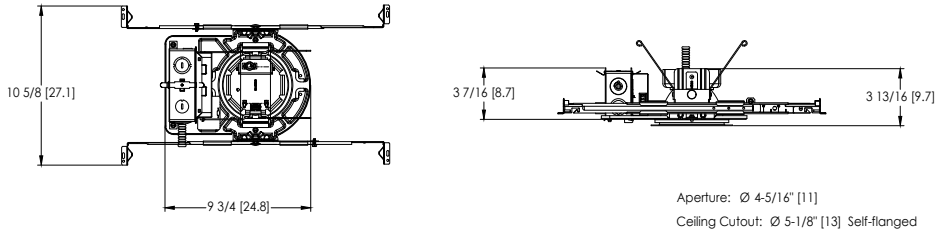
Notes
- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

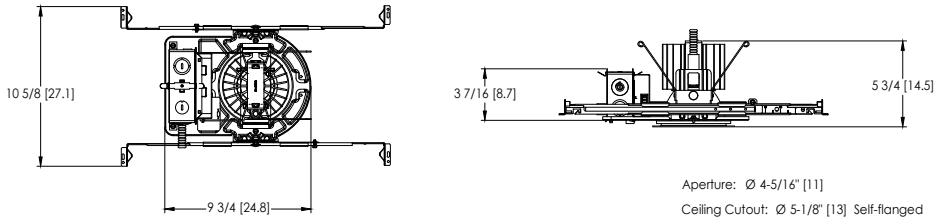
* All dimensions are inches (centimeters) unless otherwise noted.

LDN4 500-2000 Lumens



Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

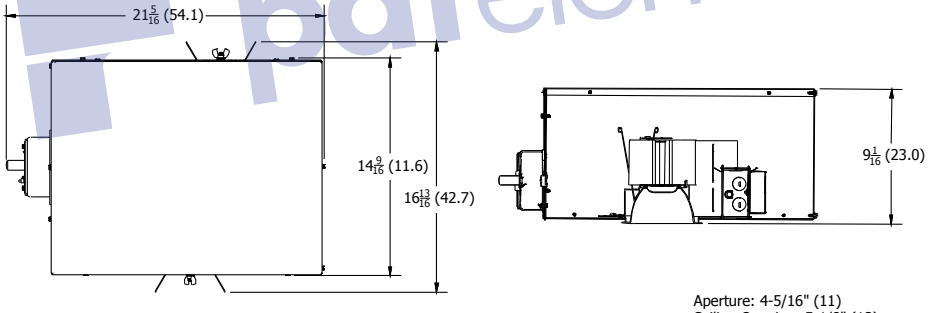
LDN4 2000-4000 Lumens



Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

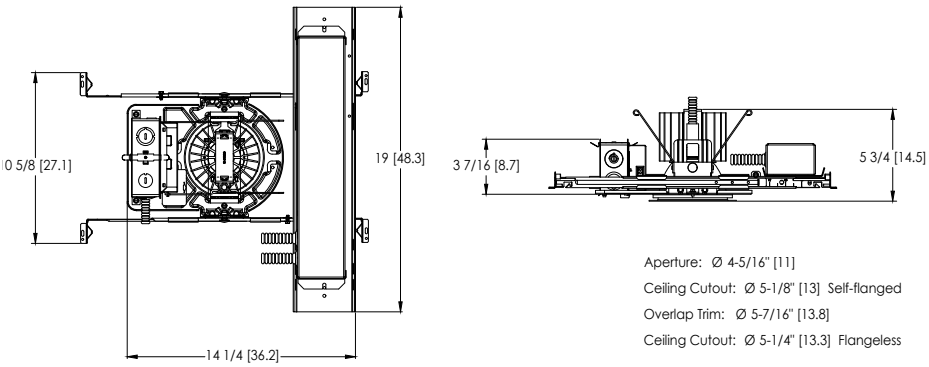
pdfelement

LDN4 CP



Aperture: 4-5/16" (11)
Ceiling Opening: 5-1/8" (13)
Overlap Trim: 5-7/16" (13.8)

LDN4 EL



Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

ADDITIONAL DATA

JOT
JUST ONE TOUCH

The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram

LDN4 Series

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

Sensor Switch
WSXA JOT

COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DVTV	
	Diva® DVSCTV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis 0A2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

pdfelement

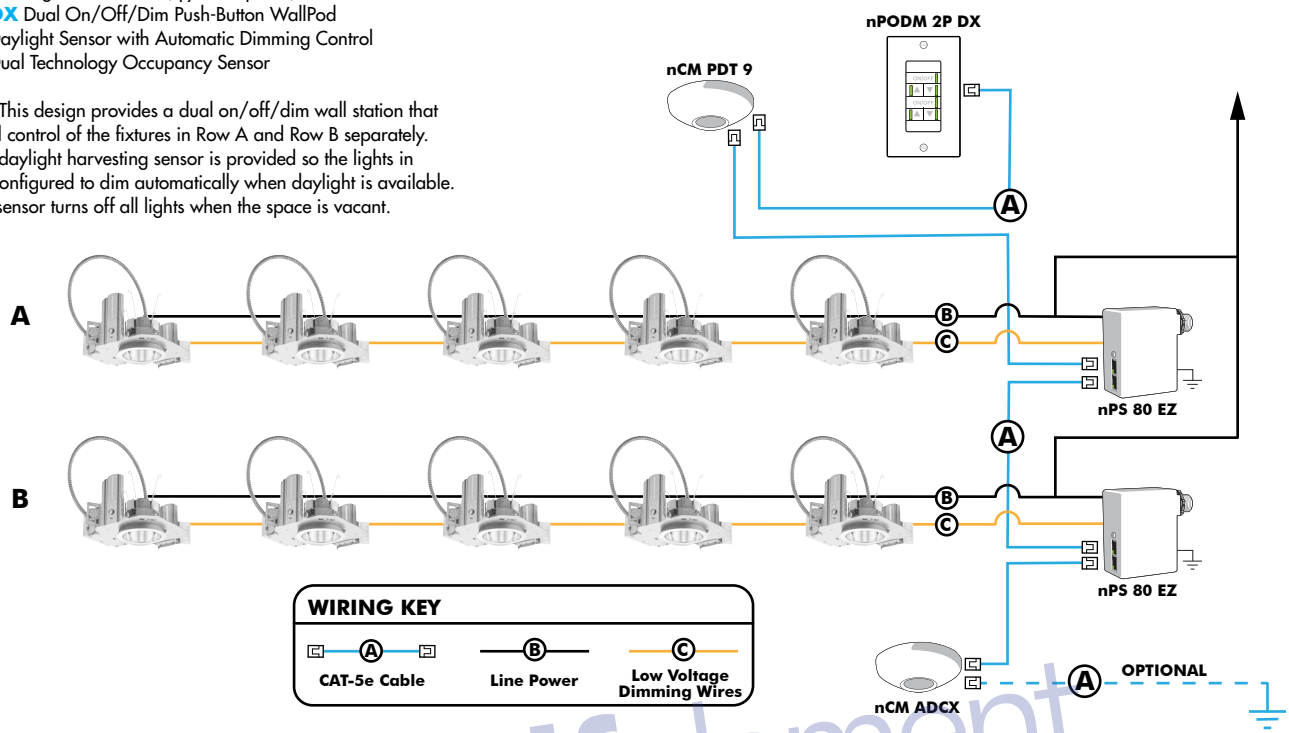
© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

EXAMPLE
Group Fixture Control*
*Appiication diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)
nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
nCM ADCX Daylight Sensor with Automatic Dimming Control
nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



pdfelement

Choose Wall Controls
nLight offers multiple styles of wall controls - each with varying features and user experience.

Push-Button Wallpod
Traditional tactile buttons and LED user feedback

Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:			
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	**Model number**	**Occupancy sensors**	**Model Number**
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	**Model Number**	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	**Cat-5 cables (plenum rated)**	**Model Number**
		10', CAT5 10FT	CAT5 10FT J1
		15, CAT5 15FT	CAT5 15FT J1

© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH[1]

Notes
1 Can only be ordered with the RES7Z zone control sensor version.

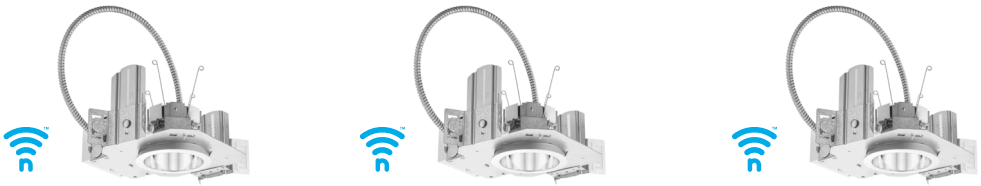
UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CL**AIR**ITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODB 2P DX

Mobile Device

pdfelement

© 2015-2023 Acuity Brands Lighting, Inc. All rights reserved.

INDIO
EW60312

WALL

PROJECT

Remove Watermark Now

EW60312-BK
Black

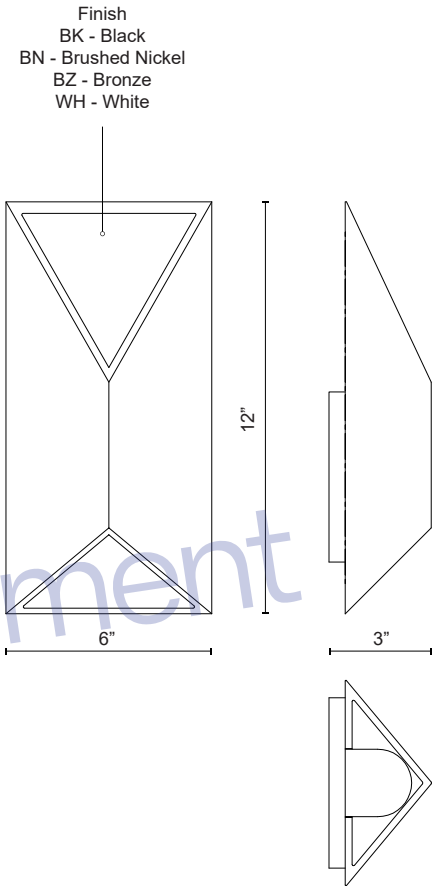
EW60312-BN
Brushed Nickel

EW60312-BZ
Bronze

EW60312-WH
White

DESCRIPTION

Stunning minimalist aluminum housing wall sconce available in black, brushed nickel, bronze and white finishes. Rectangle shaped with triangular opening omitting light up and down. Equipped with our powerful 120V AC LED technology



SPECIFICATION DETAILS

Fixture Dimensions	W6" x H12" x E3"
Light Source	AC LED Module
Wattage	11W
Total Lumens	800lm
Delivered Lumens	BN-172lm
Voltage	120V
Color Temperature	3000K
CRI (Ra)	90CRI
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, ELV Dimmer (Not Included)
Diffuser Details	Acrylic diffuser
ADA Compliant	Yes
Location	Wet
Illumination Direction	Up and Down
Mounting Style	All Orientation; Wall;
Paint Finish	BK02; BZ02; WH02;

* For custom options, consult factory for details.
* For warranty information, please visit www.kuzcolighting.com/warranty

pdfelement

KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3
USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM

© 2018 KUZCO LIGHTING. ALL RIGHTS RESERVED.

COMMENT

WDGE2 LED

Architectural Wall Sconce
Precision Refractive Optic

Catalog Number

Notes

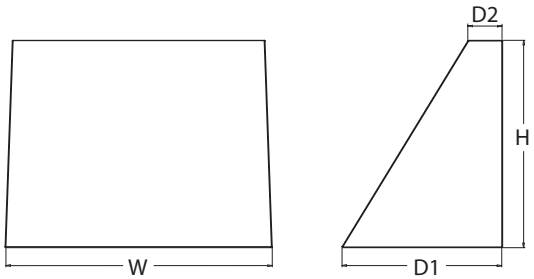
Type OW3

Remove Watermark Now

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

Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: (without options) 13.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

pdfelement

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0[1] P1[2] P2[2] P3[2] P4[2]	27K 2700K 30K 3000K 40K 4000K 50K 5000K AMB[3] Amber	70CRI[4] 80CRI LW[3] Limited Wavelength	T1S Type I Short T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT 347[5] 480[5]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[6] **Shipped separately** AWS 3/8inch Architectural wall spacer PBBW S urface-mounted back box (top, left, right conduit entry). Use when there is no junction box available

Options

E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)
PE[7]	Photocell, Button Type
DMG[8]	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.
BAA	Buy America(n) Act Compliant
CCE	Coastal Construction

Standalone Sensors/Controls

PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.
PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching
PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.
PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls

NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.
NLTAIR2 PIRH	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

See page 4 for out of box functionality

Finish

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DSSXD	Sandstone
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white
DSSTXD	Textured sandstone

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES

1 P0 option not available with sensors/controls.
2 P1-P4 not available with AMB and LW.
3 AMB and LW always go together.
4 70CRI only available with T3M and T4M.
5 347V and 480V not available with E10WH or E20WC.
6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
7 PE not available in 480V or with sensors/controls.
8 DMG option not available with sensors/controls.

Remove Watermark Now

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.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2

Preliminary

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

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	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
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	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

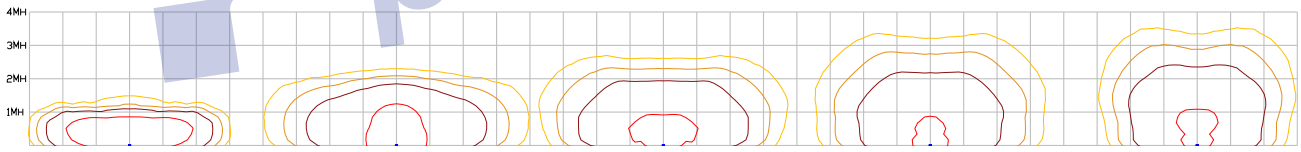
Photometric Diagrams

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

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 10ft
Grid = 10ft x 10ft



"P3 40K 80CRI T1S" "P3 40K 80CRI T2M" "P3 40K 80CRI T3M" "P3 40K 80CRI T4M" "P3 40K 80CRI TFTM"

Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Remove Watermark Now
pdfelement

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

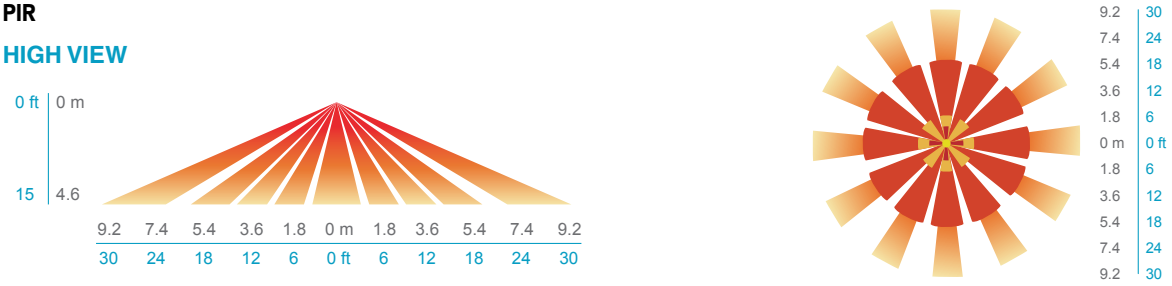
Motion/Ambient Sensor (PIR_, PIRH_)

Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR



PIRH

pdfelement

Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

Remove Watermark Now

Motion/Ambient Sensor

D = 7"
H = 9" (Standalone controls)
11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
W = 11.5"

PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"
H = 9"
W = 11.5"

AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
H = 4.4"
W = 7.5"

pdfelement

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. 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 2700K and 3000K color temperature only and SRM mounting only.

BUY AMERICAN ACT
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/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.

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

Photo Survey of Existing Site

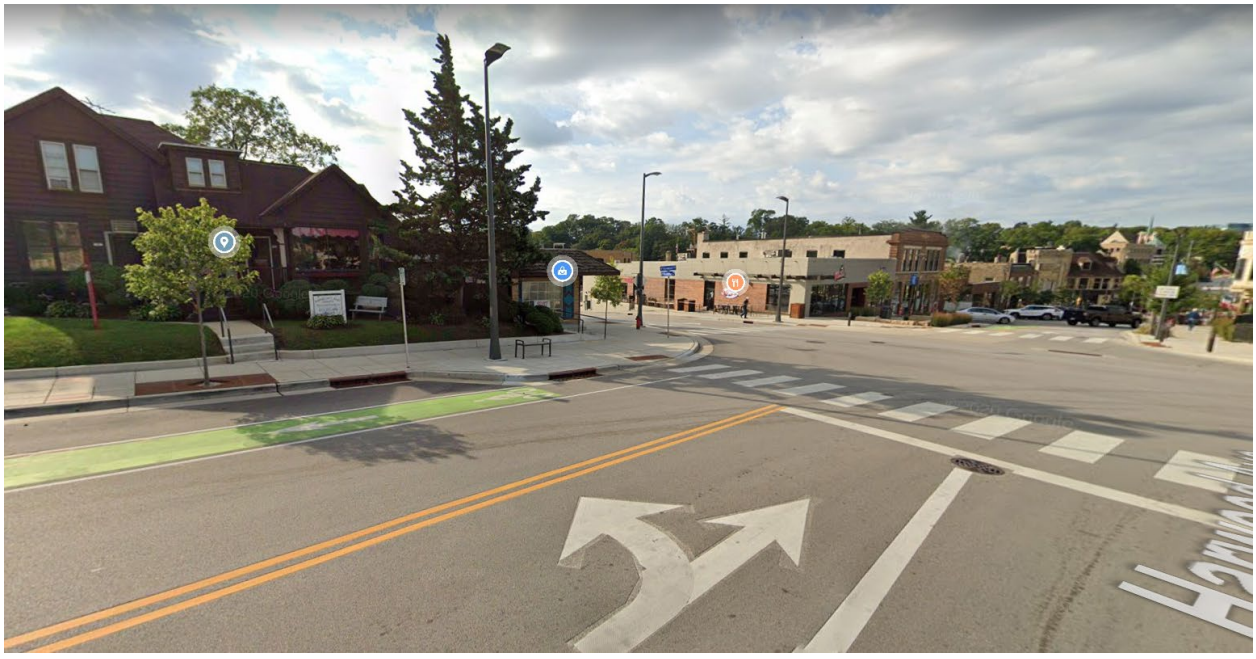
Harlow & Hem Redevelopment

7.22.2021 Design Review Board Submittal

SWAN
FURNITURE & INTERIORS
Blanchard Street Lot
Blanchard Street Lot

ONLY

Harwood Ave



File #: 24-0914 **Agenda Date:** 6/20/2024 **Agenda #:** 3.

Discuss additional July Meeting