LETTER OF INTENT
6910 SEYBOLD RD
GROCERY STORE / APARTMENTS MIXED-USE

October 7, 2024

1. Site Location: The property is contiguous to the Verizon store at the corner of Gammon Rd and Seybold Rd (Urban Design District 2, and Aldermanic District 19 - Alder John Guequierre). Seybold Road consists of two Town of Middleton town islands. The subject property became part of the city of Madison in 2019 when Sanford Enterprises, Inc. attached the Verizon property to the city.

2. The Urban Design District No. 2: Guidelines & Requirements does address properties in the Town of Middleton (i.e., Seybold Rd). The Statement of Purpose indicates that properties between Gammon Road and Whitney Way have an attractive visual experience, although that description does not apply to Seybold Rd. However, Seybold Road is slowly evolving from dated warehousing to modern retail buildings. The guidelines states that commercial, industrial, and residential development can occur which complement the existing development in the district. This small mixed-use development contributes nicely to District No. 2 guidelines due to its exceptionally well-thought design, which incorporates residential units with a commercial tenant space. The second story is key regarding visual appeal – and will presents itself from Gammon Rd and the Beltline better than a one-story building. This small development with Verizon is the start of the improving the west end of Seybold Road.

3. Zoning: A mixed-use building is a conditional use in the commercial center (cc) district. The commercial center zoning is found on Odana Road, and Seybold Road with the same zoning is well-position for future commercial redevelopment.

4. Project Description: Construct a mixed-use building on a vacant lot. First floor will be a small 3,500 square feet grocery store that will sell Indian and Pakistani food, with two apartments of 2,883 total square feet on the second floor. The building has utilized the eighty-five feet maximum setback from Seybold Rd to accommodate twelve parking stalls at the front for customers. Because the proposed use requires open wall space for shelving, the exterior will have some spandrel windows on the west elevation, and no windows on the north and east exteriors, with vision glazing windows on the south elevation. The applicant believes this small but significant project will fulfill the Urban Design Commission's mission by using integrated architecture exterior materials with natural color, reinforced by landscaping that will include various sizes of shrubs, ornamental and canopy trees throughout the site. It is noted that this development also satisfies the protection of economic values and proper use of properties by finally have a viable use for this difficult site - it will serve a public need by offering familiar cuisine to the Muslim community and others who enjoy cooking good food, with excellent living quarters above.

5. Site Description: This 0.47-acre property (20,651 square feet) previously was in the Town of Middleton and was attached with zoning to the City of Madison in 2019. The property topography slopes from east to west about nine feet, and the proposed building floor elevation will sit above the Verizon's floor. There is an ATC easement for the existing overhead electric power lines that runs along the north property line, and the proposed development does not encroach into the ATC easement. Seybold Road is an unimproved street without sidewalk and curb & gutter, but new sidewalk was installed at the subject property when it was attached. Too, in 2042 all of Seybold will be in the city of Madison per the intergovernmental agreement between Madison and Town of Middleton.

Sanford Enterprises, Inc. • 437 S. Yellowstone Dr, Ste 203 • Madison, WI 53719 • Office: 608.441.5580 • Fax: 608.557.4609 • Web: SanfordEnterprises.com • Email: Tom@SanfordEnterprises.com

6. Grading: This particular site is challenging on many fronts from a civil design perspective. There is a significant amount of relief, not only east and west across the site, but also north and south. The eastern foundation wall will act as a retaining wall with a connected retaining wall running from the building towards the street and wrap around the north end of the site. Developer is limited on how to transition this grade to only retaining walls because of the proposed footprint and the inability to grade on the neighboring properties to the east and west. Also, the property has minimal grading within the ATC easement to the north and public Right-of-Way to the south. Finish floor elevation that sits approximately 3' above the property to the west and 6.5' below the property to the East works well. The underground utilities for the project are within utility easements coming through the property to the west. These utilities are stubbed into the property and will be extended to the new building. The drainage pattern for the new site mimics the existing drainage pattern. Currently the entire site drains westerly at the neighboring property. This pushes water evenly at the neighbors building and North portion of their property as well as to the South. The new drainage plan utilizes curb and gutter at the perimeter of the pavement to convey the proposed stormwater to the South and then West onto the neighboring pavement at the drive opening. This prevents continuous sheet flows across the entire eastern edge of the neighbor's pavement and concentrates it to the south away from their building and primary foot traffic and to the existing storm drain at the southwest corner of the Verizon property. There is an existing stormwater easement that was approved by the city of Madison in 2019 for this stormwater plan.

7. Landscaping: The landscape plan for this project meets the Requirements and the Guidelines for District 2. Requirements: the landscape plan meets the specific requirements of the City of Madison Landscape Worksheet for this zoning lot. It also screens undesirable views (Beltline Highway to the north and Seybold Road to the south) and it provides a buffer between the adjacent land uses (Verizon to the west and Quality Inn to the east.). It also compliments the character of the building and softens the parking lots to the north and south. Guidelines: the Landscape Plan meets the guidelines for Design District 2 by providing a variety of appropriate deciduous and evergreen trees and shrubs throughout the site. Canopy trees provide accents and framing to the building and the parking lots. Ornamental trees provide human level scale to the three parking lot planters close to the building. Small deciduous shrubs and low evergreen shrubs provide ground cover, color, and texture to the parking lot islands as well. Medium deciduous shrubs screen the parking lots from the adjacent streets. The plant list contains a combination of native and appropriate non-native species. All of the plants are suitable and hardy to the area.

8. Retaining Wall: The retaining wall is a modular block wall with a drain system behind the wall to ensure that it will continue to be stable to retain soils from the Quality Inn site. This wall is attractive, functional, and will complement the landscaping. Please see Site Plan Details C201, Material Board A9.1 and the provided Rockwood Retaining Walls cut sheet.

9. Lighting: Safety and security are the top priority for this development to alleviate potential issues with crime and well-being. There are nine recessed (under-canopy) LED fixtures, with excellent light uniformity: three are under the south canopy, four under the west canopy, and two under the north canopy - the entrance to the apartments. In addition, there is one dark bronze architectural wall sconce to light the west elevation where there is no canopy. There are three pole mounted luminaires - dark bronze in color:

Sanford Enterprises, Inc. • 437 S. Yellowstone Dr, Ste 203 • Madison, WI 53719 • Office: 608.441.5580 • Fax: 608.557.4609 • Web: SanfordEnterprises.com • Email: Tom@SanfordEnterprises.com

one at the south lot line, another at the tree island close to the entrance to the grocery store, and the third is at the northwest corner tree island. All pole mounted lights are low-profile contemporary designs. The 1.47 average footcandle throughout the lot is within the ideal range for visibility. See C400 for photometrics and locations, specifications can be found on the cut sheets provided.

10. Access: There is a joint driveway shared with the Verizon property, which eliminates another curb cut on Seybold Road.

11. Parking Stalls / Ratios: There are sixty (16) total parking spaces. There are four parking stalls located in the back of the building for apartment tenants & guests. The parking ratio for the grocery store is 3.0 / 1000 sq ft.

12. Bike Racks: There are four covered bike racks for the apartment tenants, and four racks at the front of the building for customers and employees.

13. Project Schedule: Plan Commission meeting will take place on October 7th, and UDC meeting for Final Approval is November 6, 2024. Construction start will be in the spring of 2025, or the end of 2024 if the project receives an early start permit, with end of construction in late summer or fall of 2025.

14. Grocery Store Hours of Operation: 7:00 am – 9:00 pm, subject to negotiation with the proposed tenant.

15. UDC Requirements For Final Approval: Below is the list of items that have been revised.

    a. Required Openings Windows & Doors:

        i. Windows & doors - minimum at sixty (60%) percent of street facing façade.
        By way of example: 58 lf x .60 = 35 lf required with 36 lf provided.
        ii. Ground floor - minimum at forty (40%) percent of street facing façade.
        By way of example: 810 sf x .40 = 324 sf required with 342 sf provided.

    b. Maximum Spandrel Glass: twenty (20%) percent of required openings.
    By way of example: 810 sf x .20 = 162 sf with 84 sf provided (west elevation).

    c. Parapet Wall shall be reduced in height and a mechanical screen used to screen RTUs.
    Parapet has been reduced to 2'- 0" and a mechanical screen is now screening the RTUs and other rooftop mechanicals.

    d. Landscape Plan:
        i. Show shredded bark mulch.
        Landscaping plan has been revised to indicate shredded bark much at landscaped areas.

Sanford Enterprises, Inc. • 437 S. Yellowstone Dr, Ste 203 • Madison, WI 53719 • Office: 608.441.5580 • Fax: 608.557.4609 • Web: SanfordEnterprises.com • Email: Tom@SanfordEnterprises.com

ii. Relocate the canopy tree that is centrally located along the street side of the building that conflicts with the light pole.
Honey Locust tree location has been adjusted to eliminate conflict with the light pole.

iii. Incorporate plantings along the west property line as shown in the photometric plan.
Planting along the west property line has been extended.

iv. The applicant shall provide additional details (i.e. material cutsheet) for the proposed retaining walls.
Material cut sheets are included in the application for the Final UDC Approval, and material finishes have been added to the Material Board A9.1.

e. Adjust the window units to be located in the same module and to use the same proportions across windows.
Window units have been adjusted to use the same proportions and mulling across windows. Windows elevations have been added to A8.0 for clarity.

f. The location of light fixtures mounted over solid canopies shall be located to a location that does not conflict with the canopy and the light fixture shall be more appropriate for the use and UDD.
Under canopy light fixtures have been utilized to eliminate conflict with the wall sconce above the canopy and three low-profile style pole lights have been selected and a slim wall pack for the only wall mounted light.

g. The Commission would like to see a storefront elevation that is revised to meet the Zoning Code.
Spandrel glazing has been eliminated from the street facing glazing.

16. Planning Division Staff Report:

a. Planning Division Recommendation - The Planning Division recommends that the Plan Commission find the standards are met and **approve** the conditional use for dwelling units in a mixed-use building to allow construction of a two-story mixed-use building with roughly 3,000 square-feet of commercial space and two apartments at 6910 Seybold Road, subject to the input at the public hearing, the approval of the Urban Design Commission, and the following conditions from reviewing agencies:

Applicant appreciates the recommendation for approval and is assuming that there will be no / little objection from the public. Too, the development team is very comfortable with remaining conditions to receive final approval from UDC. Regarding the Planning's conditions, many of them are standard for any development. Applicant will address the three Major / Non-Standard Conditions. The first one is Item No.1 from Engineering below:

Direct connection to the storm system is required. Storm shall either be extended up Seybold Road from Gammon at the Developer's expense or the existing private storm serving the corner lot shall be extended to serve this lot and a cross lot drainage easement and maintenance agreement shall be presented to City Engineering and recorded at the Dane Co register of Deeds against the parcels.

Sanford Enterprises, Inc. • 437 S. Yellowstone Dr, Ste 203 • Madison, WI 53719 • Office: 608.441.5580 • Fax: 608.557.4609 • Web: SanfordEnterprises.com • Email: Tom@SanfordEnterprises.com

This condition is not surprising, as Applicant's civil engineer has discussed storm water for this project with Engineering several times in the past, so Applicant believe we are on the same page. The other Major / Non-Standard Conditions are Items No. 32 & 33 below:

It appears an existing abandoned ground sign is located at the northeast corner of the property. The abandoned sign must be removed prior to issuance of permits.

We will remove the abandoned sign this month.

Reduce the amount of spandrel glass shown at the ground floor of the primary street façade (south elevation) to a maximum of 20% of the required area of the window and door openings. Glass on windows and doors shall be clear or slightly tinted, allowing views into and out of the interior. Spandrel glass that mimics the appearance of windows may be used for up to twenty percent (20%) of the required area of the openings.

Spandrel glazing has been eliminated from the street facing glazing (Section 15g).

17. Developer / Contact Person:

Tom Sanford
Sanford Enterprises, Inc.
437 S. Yellowstone Dr, Ste 203
Madison, WI 53719

Tom@SanfordEnterprises.com
608.347.8299

DIMENSION IV
Madison Design Group

architecture · interior design · planning

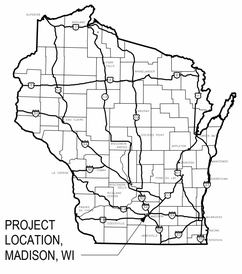
6515 Grand Teton Plaza, Suite 120, Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

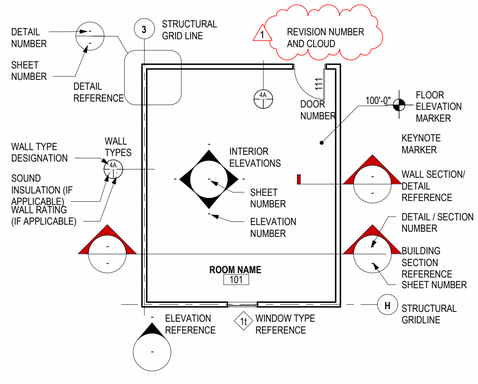
ARCHITECTURAL ABBREVIATIONS LEGEND

+	- AND	FND	- FOUNDATION	PREFAB	- PREFABRICATED
@	- AT	FOM	- FACE OF MASONRY	PERIM	- PERIMETER
AB	- ANCHOR BOLT	FOS	- FACE OF STUD	PC	- PLUMBING CONTRACTOR
AFF	- ABOVE FINISH FLOOR	FTG	- FOOTING	P/C	- PRECAST / PRESTRESSED
ALT	- ALTERNATE	FUT	- FUTURE	P/T	- POST TENSIONED
ALUM	- ALUMINUM	FV	- FIELD VERIFY	PT	- PRESSURE TREATED
ARCH	- ARCHITECT / ARCHITECTURAL				
		GA	- GAUGE	R	- RADIUS
BRD	- BOARD	GALV	- GALVANIZED	RD	- ROOF DRAIN
BLK	- BLOCK (CMU)	GB	- GRAB BAR	REINF	- REINFORCING
BOT	- BOTTOM	GC	- GENERAL CONTRACTOR	REQD	- REQUIRED
		GYP	- GYPSUM	RM	- ROOM
CB	- CATCH BASIN				
CIP	- CAST-IN-PLACE	HC	- HVAC ONTRACTOR	SCHED	- SCHEDULE
CJ	- CONSTRUCTION JOINT	HM	- HOLLOW METAL	SHT	- SHEET
CL	- CENTERLINE	HORIZ	- HORIZONTAL	SIM	- SIMILAR
CLG	- CEILING	HT	- HEIGHT	SOG	- SLAB ON GRADE
CLJ	- CONTROL JOINT	HVAC	- HEATING, VENTILATION & AIR CONDITIONING	SPEC	- SPECIFICATION
CLR	- CLEAR DISTANCE	HR	- HOUR	SQ	- SQUARE
CMU	- CONCRETE MASONRY UNIT			SS	- STAINLESS STEEL
CO	- CASED OPENING	ID	- INSIDE DIAMETER	STL	- STEEL
COL	- COLUMN	I.F.	- INSIDE FACE	STR	- STRUCTURAL
CONC	- CONCRETE	INSUL	- INSULATION		
CONT	- CONTINUOUS	INT	- INTERIOR	THK	- THICKNESS
CU	- CUBIC			TOL	- TOP OF LEDGE ELEVATION
		JBE	- JOIST BEARING ELEVATION	TOP	- TOP OF PIER ELEVATION
DBL	- DOUBLE	JT	- JOINT	TP	- TOILET PAPER DISPENSER
DF	- DRINKING FOUNTAIN			TS	- (SEE HIGH STRENGTH STEEL
DIM	- DIAMETER	L	- STEEL ANGLE DESIGNATION		DESIGNATION)
DN	- DOWN	LAM	- LAMINATE	TYP	- TYPICAL
DS	- DOWN SPOUT	LVL	- LAMINATED VENEER LUMBER	TOW	- TOP OF WALL ELEVATION
DTL	- DETAIL				
DWG	- DRAWING	MAX	- MAXIMUM	UL	- UNDERWRITERS LAB
		MBW	- MASONRY BEARING WALL	UNO	- UNLESS NOTED OTHERWISE
EA	- EACH	MFG	- MANUFACTURER		
EC	- ELECTRICAL CONTRACTOR	MIN	- MINIMUM	VB	- VAPOR BARRIER
EIFS	- EXTERIOR INSULATION FINISH SYSTEM	MO	- MASONRY OPENING	VERT	- VERTICAL
EL	- ELEVATION	MTL	- METAL	VIF	- VERIFY IN FIELD
ELEV	- ELEVATOR				
ENG	- ENGINEER	NIC	- NOT IN CONTRACT	W	- WIDTH
EQ	- EQUAL	NOM	- NOMINAL	W/	- WITH
EXIST	- EXISTING	NTS	- NOT TO SCALE	W/O	- WITHOUT
EXP	- EXPANSION	NO	- NUMBER	WC	- WATER CLOSET
EXT	- EXTERIOR			WD	- WOOD
		OC	- ON CENTER	WRB	- WEATHER RESISTANT BARRIER
FD	- FLOOR DRAIN	OD	- OUTSIDE DIAMETER	WWF	- WELDED WIRE FABRIC
FND	- FOUNDATION	O.F.	- OUTSIDE FACE		
FE	- FIRE EXTINGUISHER	OH	- OVERHEAD		
FEC	- FIRE EXTINGUISHER CABINET	OPCI	- OWNER PROVIDED, CONTRACTOR INSTALLED		
FF	- FINISH FLOOR	OPOI	- OWNER PROVIDED, OWNER INSTALLED		
FIN	- FINISH	OPNG	- OPENING		
FLR	- FLOOR	OPP	- OPPOSITE		



STATE MAP

VICINTY MAP



LEGEND - ARCHITECTURAL SYMBOLS
1/8" = 1'-0"

REVISION LIST

REVISION NO.	REVISION	DATE

Architecture : **Dimension IV - Madison Design Group**
6515 Grand Teton Plaza, Suite 120, Madison, WI 53719
p: 608.829.4444 www.dimensionivmadison.com

General Contractor: **National Construction Incorporated**
455 S. Junction Rd, Madison, WI 53719
p: 608.230.7383 nationalconstructioninc.com

Civil Engineering: **Homburg Contractors Inc.**
5590 Monona, WI 53716
p: 608.222.6597 www.HomburgInc.com

SHEET LIST

G0.1 - COVER SHEET

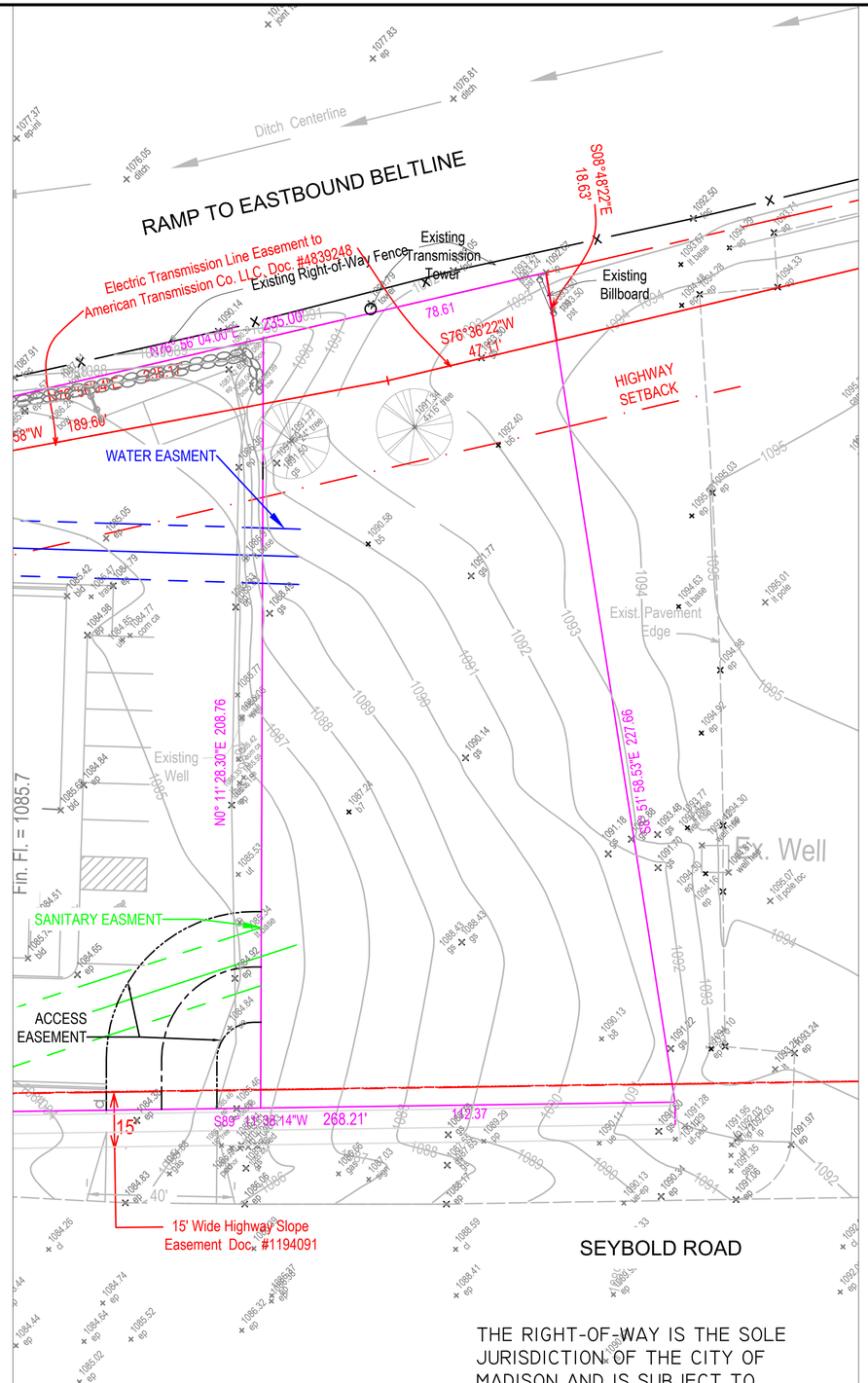
C000 - EXISTING CONDITIONS
C100 - SITE/UTILITY PLAN
C200 - GRADING/EROSION CONTROL PLAN
C201 - SITE PLAN DETAILS
C300 - FIRE ACCESS PLAN
C400 - SITE LIGHTING PHOTOMETRICS

AS1.0 - SITE AND LANDSCAPE PLAN
AS1.1 - SITE PLAN CONTEXT & SITE PHOTOS
A1.1 - FIRST FLOOR PLAN
A1.2 - SECOND FLOOR PLAN
A1.3 - ROOF PLAN
A2.0 - EXTERIOR ELEVATIONS
A2.1 - EXTERIOR ELEVATIONS - COLOR
A3.0 - BUILDING SECTIONS
A8.0 - DETAILS
A9.1 - MATERIAL BOARD
A9.2 - 3D VIEWS

UDC FINAL APPROVAL SUBMITTAL 10/4/2024

PROJECT # 24034

G0.1



PROJECT:

6910 SEYBOLD ROAD
CITY OF MADISON

OWNER:

ROYAL PARTNERS LLC

SITE CONSULTANT:

HOMBURG CONTRACTORS, INC.

5590 Monona Drive
Monona, WI 53716
(608) 222-6597
(608) 244-9113 Fax
homburginc.com

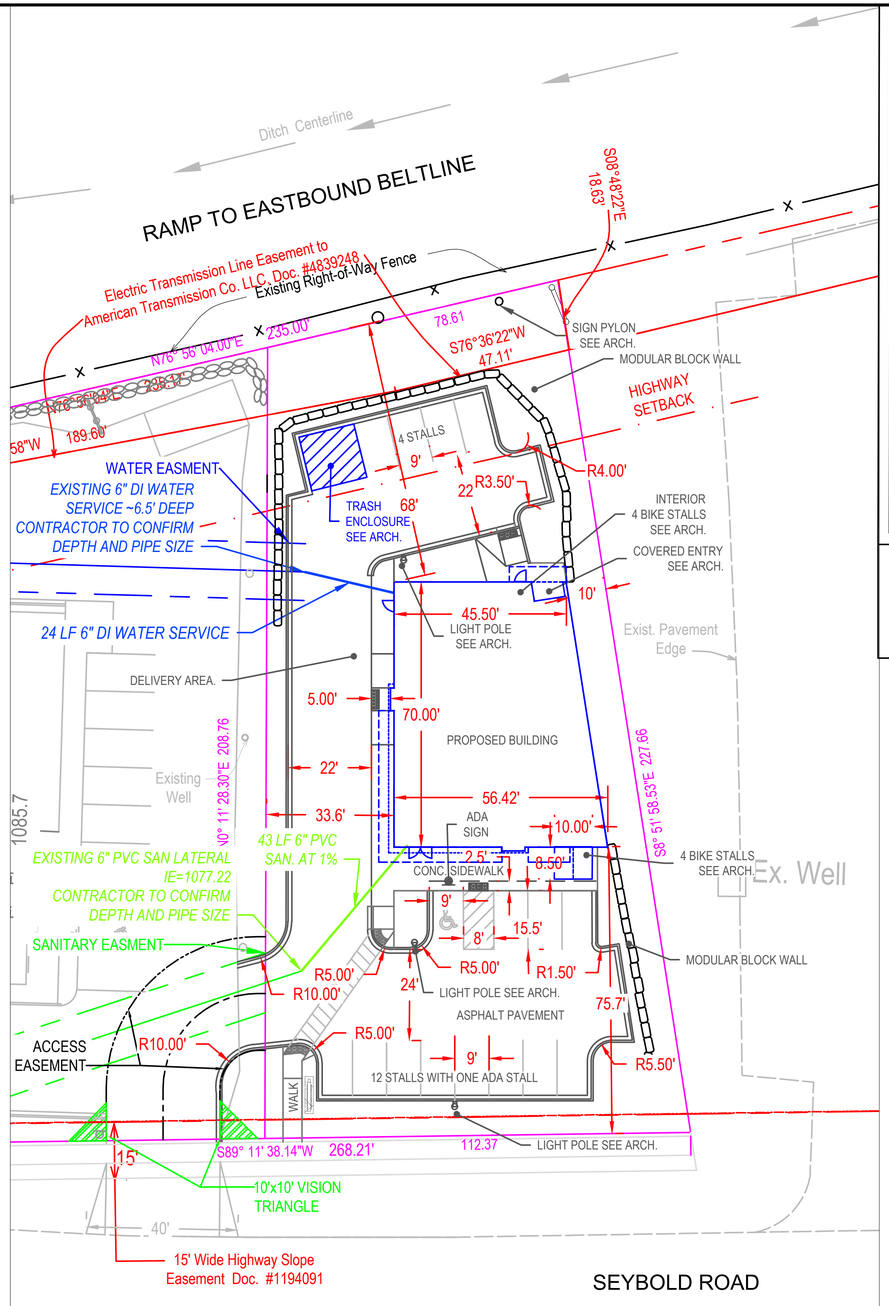
GREEN TIER
Advocates Business. Advocates Environment.
A DNR program for superior environmental performance

ISSUED
08/09/24 - MADISON REVIEW
10/04/24 - MADISON REVIEW

DRAWN BY: RR

EXISTING CONDITIONS

C 000



THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

Parking Lot Plan Site Information

Site address: 6910 SEYBOLD ROAD
Site acreage (total): .4740
Number of building stories (above ground): 2
Building height: 26'
DILHR type of construction (new structures or additions): SEE ARCHITECTURAL PLAN
Total square footage of building: 3500 SF FOOTPRINT

Use of property: MIXED COMMERCIAL AND RESIDENTIAL
Gross square feet of entire building: 6,500 SF
Gross square feet of retail: SEE ARCHITECTURAL PLAN
Number of employees in storage room: 3
Number of people in residential area: 15
Capacity of restaurant or place of assembly: 38

Number of bicycle stalls shown: 8

Number of parking stalls:
- Small car: 0
- Large car: 16
- Accessible: 1
- Total: 16

Number of trees shown: SEE LANDSCAPING PLAN

PROPOSED:
SITE AREA =20,651 SF
PERVIOUS SURFACE = 14,213 SF
PERCENT PERVIOUS = 31.2%
PERCENT IMPERVIOUS = 68.8%
BUILDING FOOTPRINT = 3,500 SF
SEE ARCH. FOR UNIT TYPE BREAKDOWN

SCALE 1" = 40'
0 20' 40' 80'

PROJECT:

6910 SEYBOLD ROAD
CITY OF MADISON

OWNER:

ROYAL PARTNERS LLC

SITE CONSULTANT:

HOMBURG CONTRACTORS, INC.
5590 Monona Drive
Monona, WI 53716
(608) 222-6597
(608) 244-9113 Fax
homburginc.com

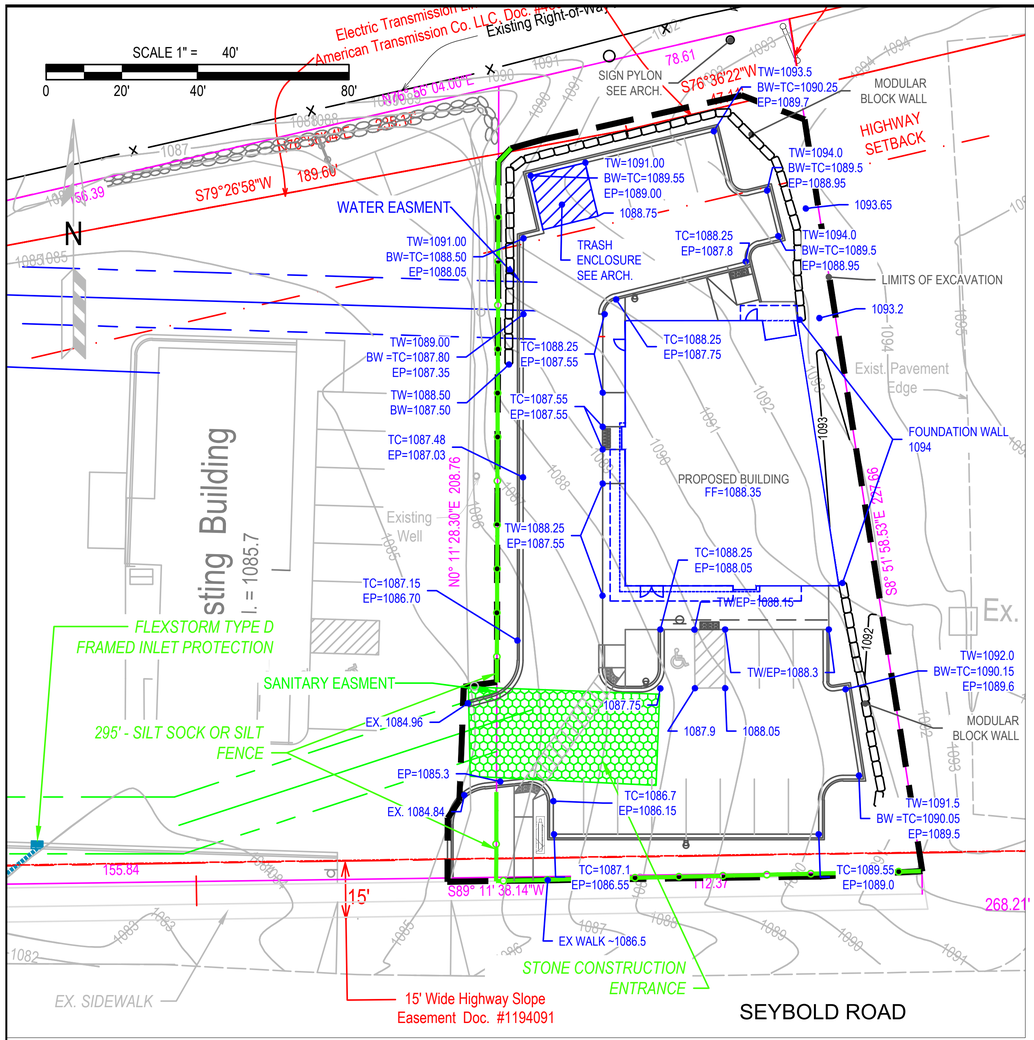
GREEN TIER
A DNR program for superior environmental performance

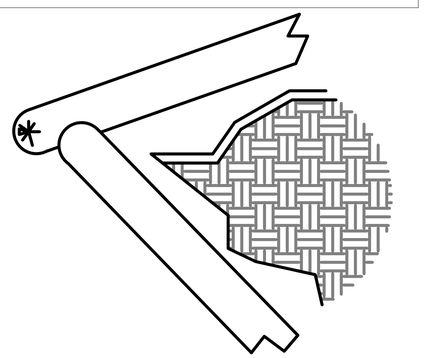
ISSUED
08/09/24 - MADISON REVIEW
10/04/24 - MADISON REVIEW

DRAWN BY: RR

SITE/UTILITY PLAN

C 100

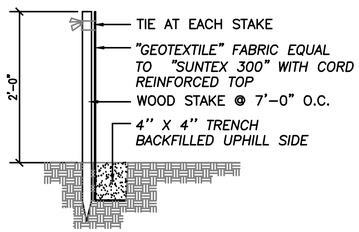




INSTALLATION PROCEDURE

Lay full socks in a single row with a 4" end to end overlap.

01 C300 SILT SOCK N.T.S.



INSTALLATION PROCEDURE

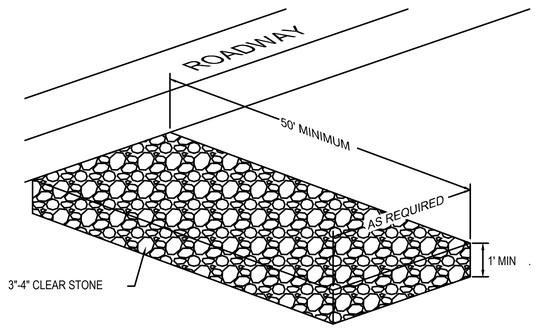
STEP 1: EXCAVATE A 4"X4" TRENCH ALONG PATH OF SILT FENCE.

STEP 2: STAKE THE SILT FENCE ON DOWNSLOPE SIDE OF TRENCH AND EXTEND 8" OF FABRIC INTO THE TRENCH.

STEP 3: WHEN JOINTS ARE NECESSARY, OVERLAP ENDS FOR THE DISTANCE BETWEEN THE STAKES.

STEP 4: BACKFILL AND COMPACT THE EXCAVATED SOIL.

02 C300 SILT FENCE INSTALLATION N.T.S.



NOTES:

1. CLEAN UP ANY MATERIAL TRACKED OFF SITE DAILY.
2. REPLACE STONE ENTRANCE WHEN IT BECOMES TOO CLOGGED TO PROVIDE ANY CLEANING BENEFIT.

03 C300 CONSTRUCTION ENTRANCE N.T.S.

EROSION CONTROL NOTES/SPECIFICATIONS:

1. EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.

2. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE THE RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

3. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN IS PRODUCED. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

4. INSTALL TYPE D INLET FILTERS IN ANY STREET INLET RECEIVING RUNOFF FROM THIS SITE. REFER TO WDOT PRODUCT ACCEPTABILITY LIST AT: HTTP://WWW.DOT.WISCONSIN.GOV/BUSINESS/ENGSERV/PAL.HTML

5. EROSION CONTROL DEVICES SHALL ADHERE TO THE TECHNICAL STANDARDS FOUND AT: HTTP://DNR.WI.GOV/ORG/WATER/WM/NPS/STORMWATER/TECHSTDS.HTM AND COMPLY WITH ALL CITY OF MADISON ORDINANCES.

6. ALL DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE BE SWEPT OR SCRAPED CLEAN BY THE END OF EACH WORKDAY.

7. ALL DISTURBED AREAS SHALL BE SEEDED IMMEDIATELY AFTER GRADING ACTIVITIES HAVE BEEN COMPLETED. THE WEST SIDESLOPES SHALL BE RESTORED WITHIN 5 DAYS OF DISTURBANCE. ALL DISTURBED AREAS SHALL BE RESTORED BY 09/31/2025.

8. ALL DISTURBED AREAS, EXCEPT PAVED AREAS, SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, FERTILIZER, SEED, AND MULCH. SEED MIXTURE 40 SHALL BE USED ON ALL AREAS. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF WISCONSIN D.O.T. SPECIFICATIONS. SEED MIXTURES AND FERTILIZER SHALL BE APPLIED AT THE RATE OF SEVEN (7) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE AND SHALL BE ANCHORED INTO THE SOIL BY DISCING. SEEDING AND SODDING MAY ONLY BE USED FROM MAY 1ST TO SEPTEMBER 15TH OF ANY YEAR. TEMPORARY SEED SHALL BE USED AFTER SEPTEMBER 15. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.

9. FOR THE FIRST SIX (6) WEEKS AFTER THE INITIAL STABILIZATION OF A DISTURBED AREA, WATERING SHALL BE PERFORMED WHENEVER MORE THAN SEVEN (7) DAYS OF DRY WEATHER ELAPSE.

10. FOLLOWING ROUGH GRADING, DEEP TILLING WILL BE PERFORMED ON ALL GRADED AREAS OUTSIDE OF BUILDING AND STREET FOOTPRINTS. THE OPERATION SHALL BE ACCOMPLISHED USING TWIN STRAUGHT STEEL SHANKS DRAWN BY TRACKED MACHINERY. EACH SHANK SHALL BE 24 TO 36 INCHES LONG, POSITIONED OVER EACH TRACK.

11. ALL ACCESS POINT TO THE PROJECT SITE MUST HAVE A STONE CONSTRUCTION ENTRANCE.

12. IF RILL EROSION BECOMES PROBLEMATIC, THE CONTRACTOR SHALL APPLY SOIL STABILIZATION POLYMERS ON ALL SLOPES GREATER THAN 10% OR IN PROBLEM AREAS.

EMERGENCY CONTACT

MIKE HACKEL
HOMBURG CONTRACTORS, INC.
5590 MONONA DRIVE
MONONA, WI 53716
(608) 241-1178

PROJECT:

6910 SEYBOLD ROAD
CITY OF MADISON

OWNER:

ROYAL PARTNERS LLC

SITE CONSULTANT:

HOMBURG CONTRACTORS, INC.

5590 Monona Drive
Monona, WI 53716
(608) 222-6597
(608) 244-9113 Fax
homburginc.com

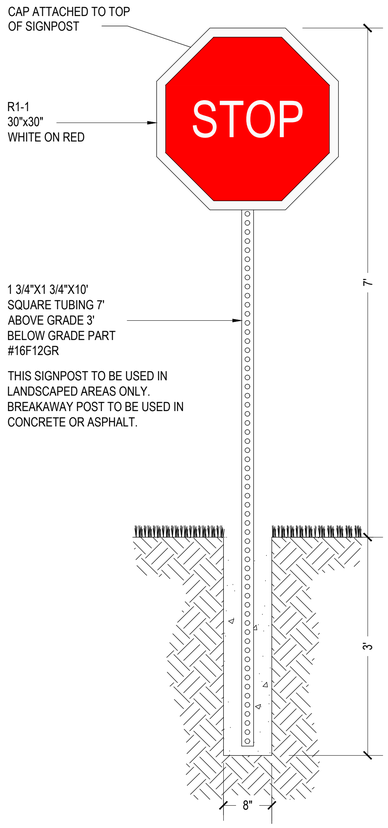
GREEN TIER
A DNR program for superior environmental performance

ISSUED
08/09/24 - MADISON REVIEW
10/04/24 - MADISON REVIEW

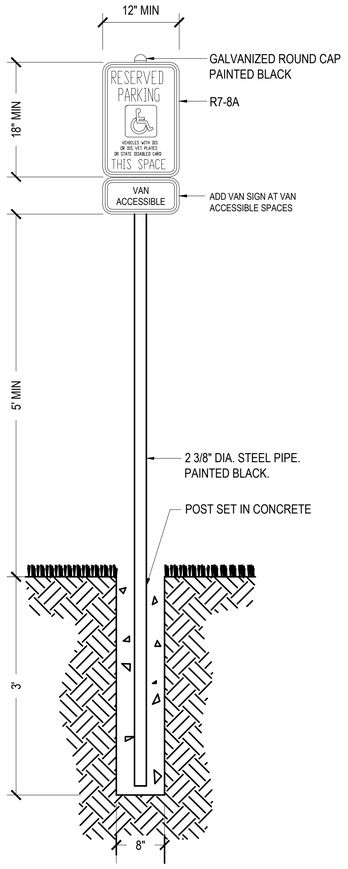
DRAWN BY: RR

GRADING/ EROSION CONTROL PLAN

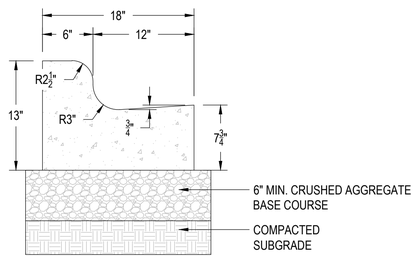
C 200



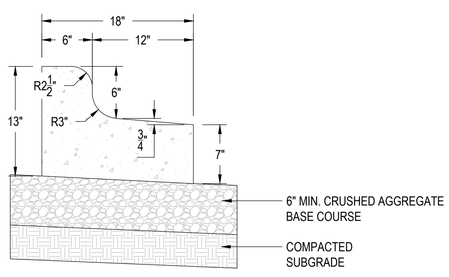
01 C201 STOP SIGN
N.T.S.



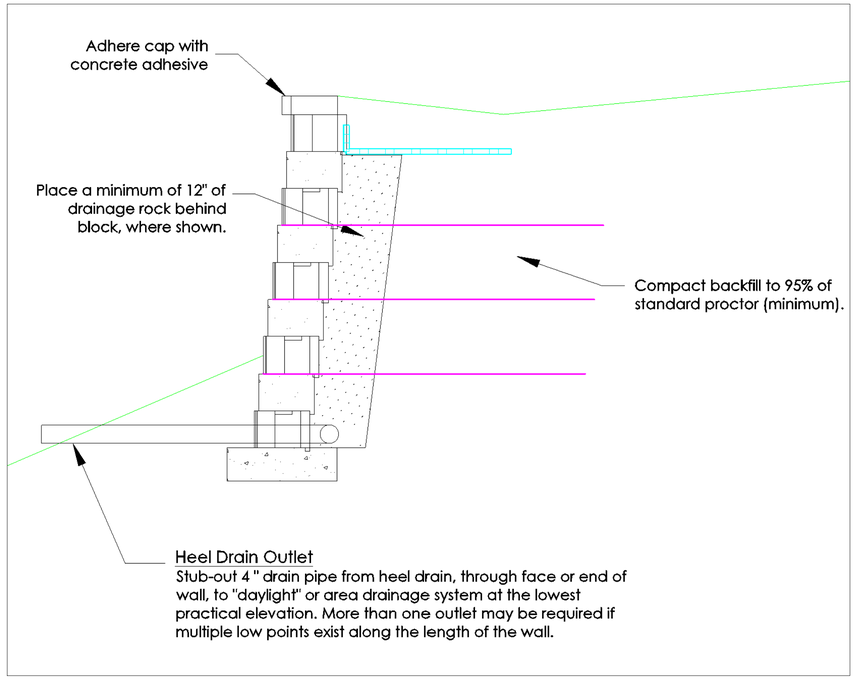
02 C201 DISABLED PARKING SIGN
N.T.S.



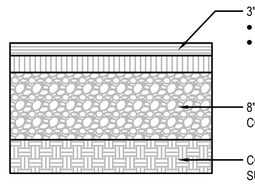
03 C201 18" CONCRETE CURB AND GUTTER
N.T.S.



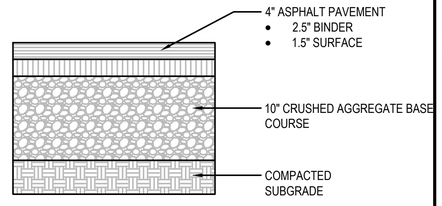
04 C201 18" CONCRETE REJECT CURB AND GUTTER
N.T.S.



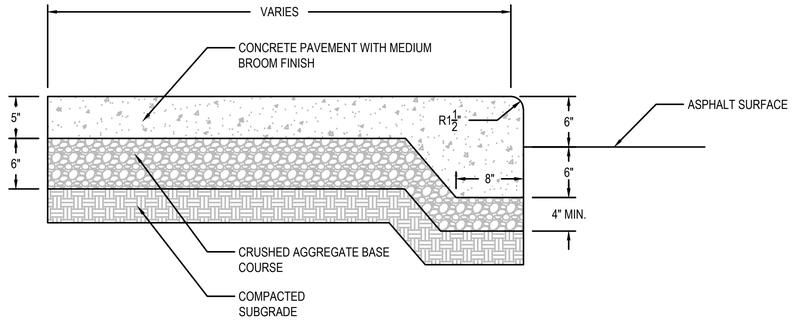
08 C201 MODULAR BLOCK RETAINING WALL
N.T.S.



05 C201 LIGHT-DUTY ASPHALT PAVEMENT
N.T.S.



06 C201 HEAVY-DUTY ASPHALT PAVEMENT
N.T.S.



07 C201 CURB FACE CONCRETE SIDEWALK
N.T.S.

PROJECT:

6910 SEYBOLD ROAD
CITY OF MADISON

OWNER:

ROYAL PARTNERS LLC

SITE CONSULTANT:

HOMBURG CONTRACTORS, INC.

5590 Monona Drive
Monona, WI 53716
(608) 222-6597
(608) 244-9113 Fax
homburginc.com

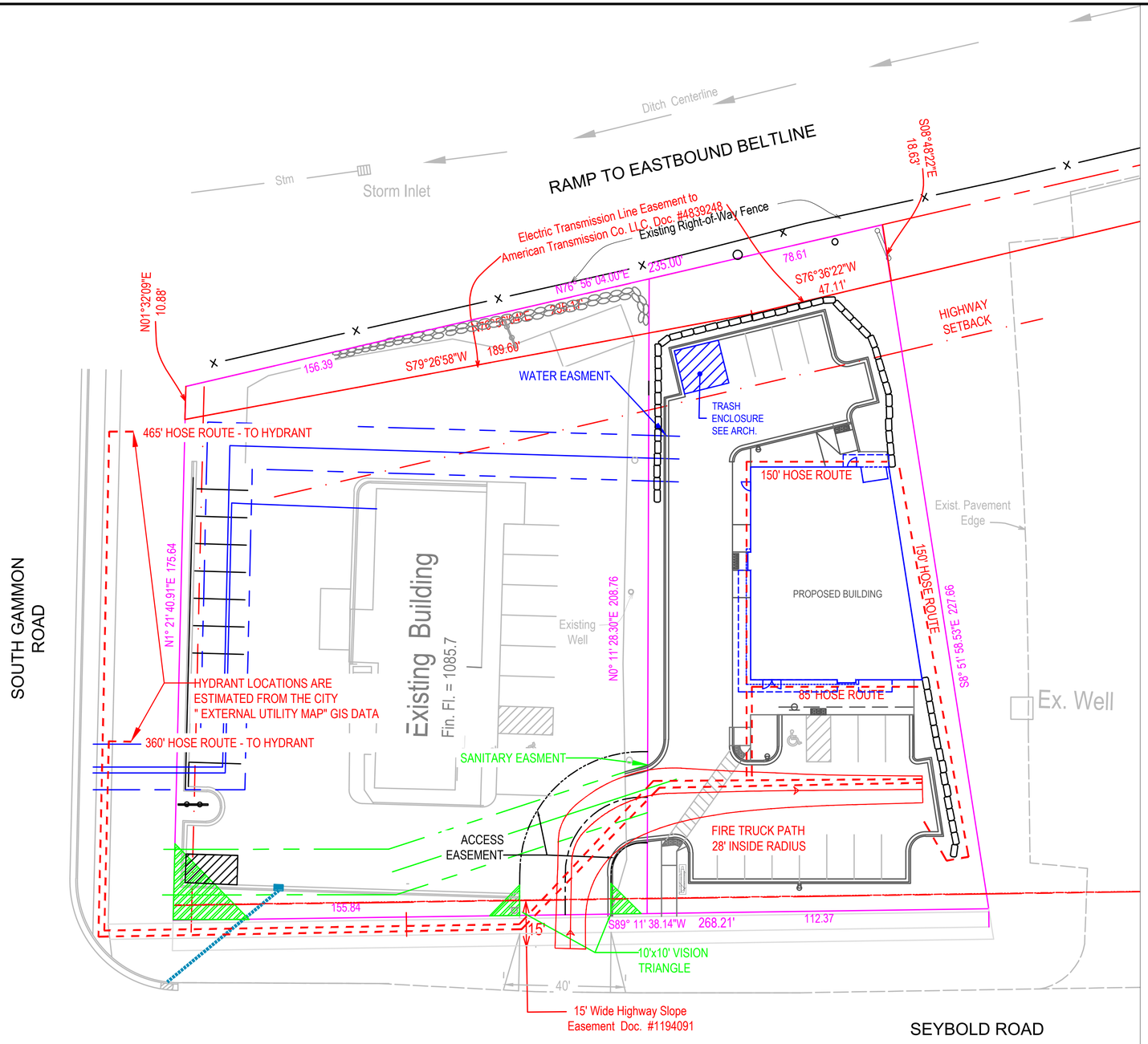
GREEN TIER
Advantage Business Advantage Environment
A DNR program for superior environmental performance

ISSUED
08/09/24 - MADISON REVIEW
10/04/24 - MADISON REVIEW

DRAWN BY: RR

SITE PLAN DETAILS

C 201



THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

SCALE 1" = 40'

0 20' 40' 80'

N

PROJECT:

6910 SEYBOLD ROAD
CITY OF MADISON

OWNER:

ROYAL PARTNERS LLC

SITE CONSULTANT:

HOMBURG CONTRACTORS, INC.

5590 Monona Drive
Monona, WI 53716
(608) 222-6597
(608) 244-9113 Fax
homburginc.com

GREEN TIER
Advocates Resilience Advocates Environment
A DNR program for superior environmental performance

ISSUED
08/09/24 - MADISON REVIEW
10/04/24 - MADISON REVIEW

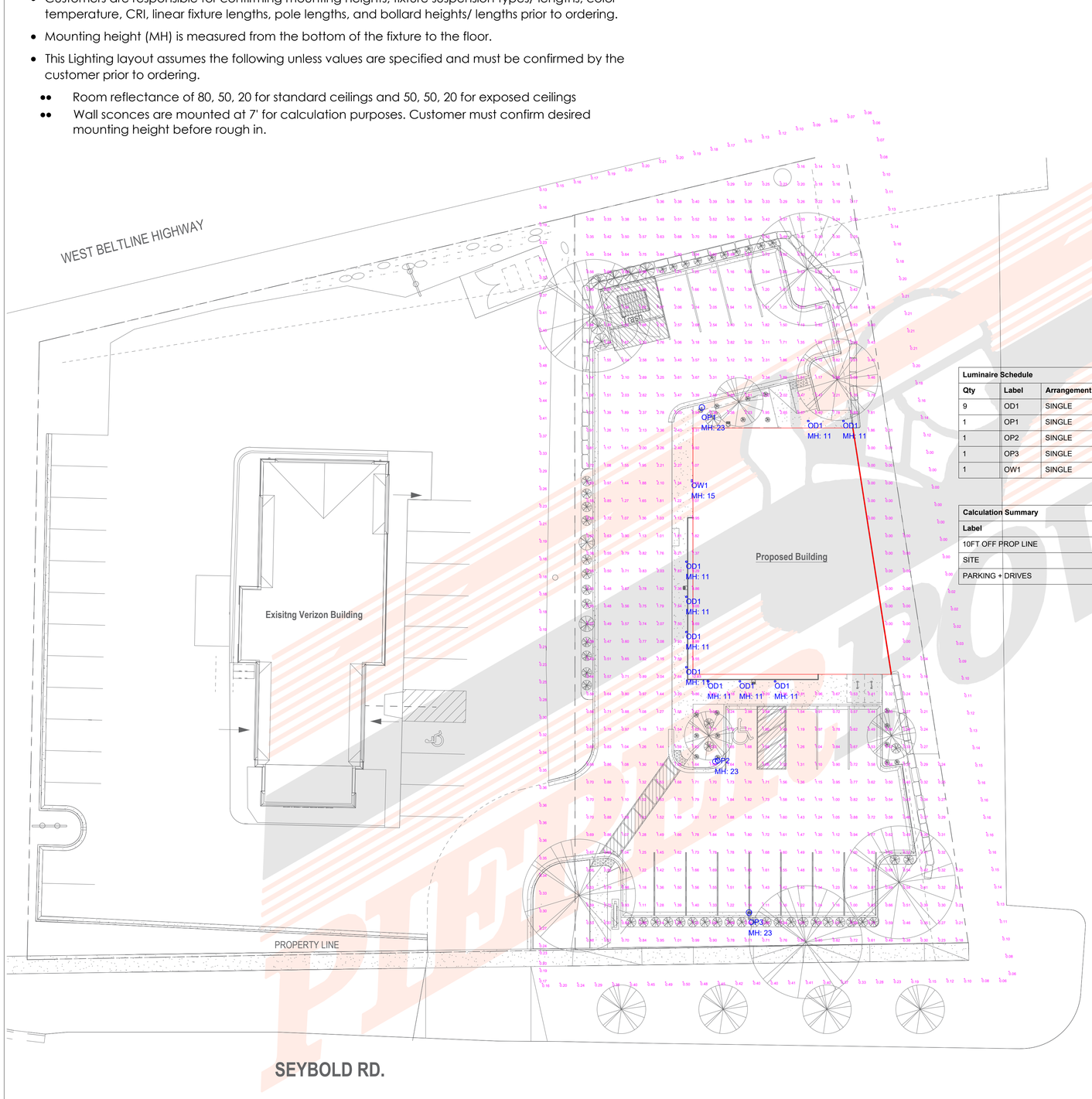
DRAWN BY: RR

FIRE ACCESS PLAN

C 300

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.
  - Room reflectance of 80, 50, 20 for standard ceilings and 50, 50, 20 for exposed ceilings
  - Wall sconces are mounted at 7' for calculation purposes. Customer must confirm desired mounting height before rough in.



Luminaire Schedule

Qty	Label	Arrangement	LLF	MFR	Description	Lum. Watts	Total Watts	Lum. Lumens
9	OD1	SINGLE	0.950	LITHONIA	LDN6 xx10 LO6AR LSS	10.44	93.96	953
1	OP1	SINGLE	0.950	LITHONIA	RAD1 LED P4 xxK ASY- 20FT POLE 3FT BASE	85.6782	85.6782	11694
1	OP2	SINGLE	0.950	LITHONIA	RAD1 LED P3 xxK SYM-- 20FT POLE 3FT BASE	53.6184	53.6184	7738
1	OP3	SINGLE	0.950	LITHONIA	RAD1 LED P3 xxK PATH HS-- 20FT POLE 3FT BASE	53.6184	53.6184	5699
1	OW1	SINGLE	0.950	LITHONIA	WDGE2 LED P2 xxK 70CRI T2M	18.9815	18.9815	2086

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
10FT OFF PROP LINE	Illuminance	Fc	0.21	0.50	0.00	N.A.	N.A.
SITE	Illuminance	Fc	1.39	12.83	0.00	N.A.	N.A.
PARKING + DRIVES	Illuminance	Fc	1.47	3.7	0.4	3.68	9.25

6361 North Towne Road
Windsor, WI 53598
608-838-7072

PIEPER POWER

Rev. #	Revision Description	Date
		10/3/2024

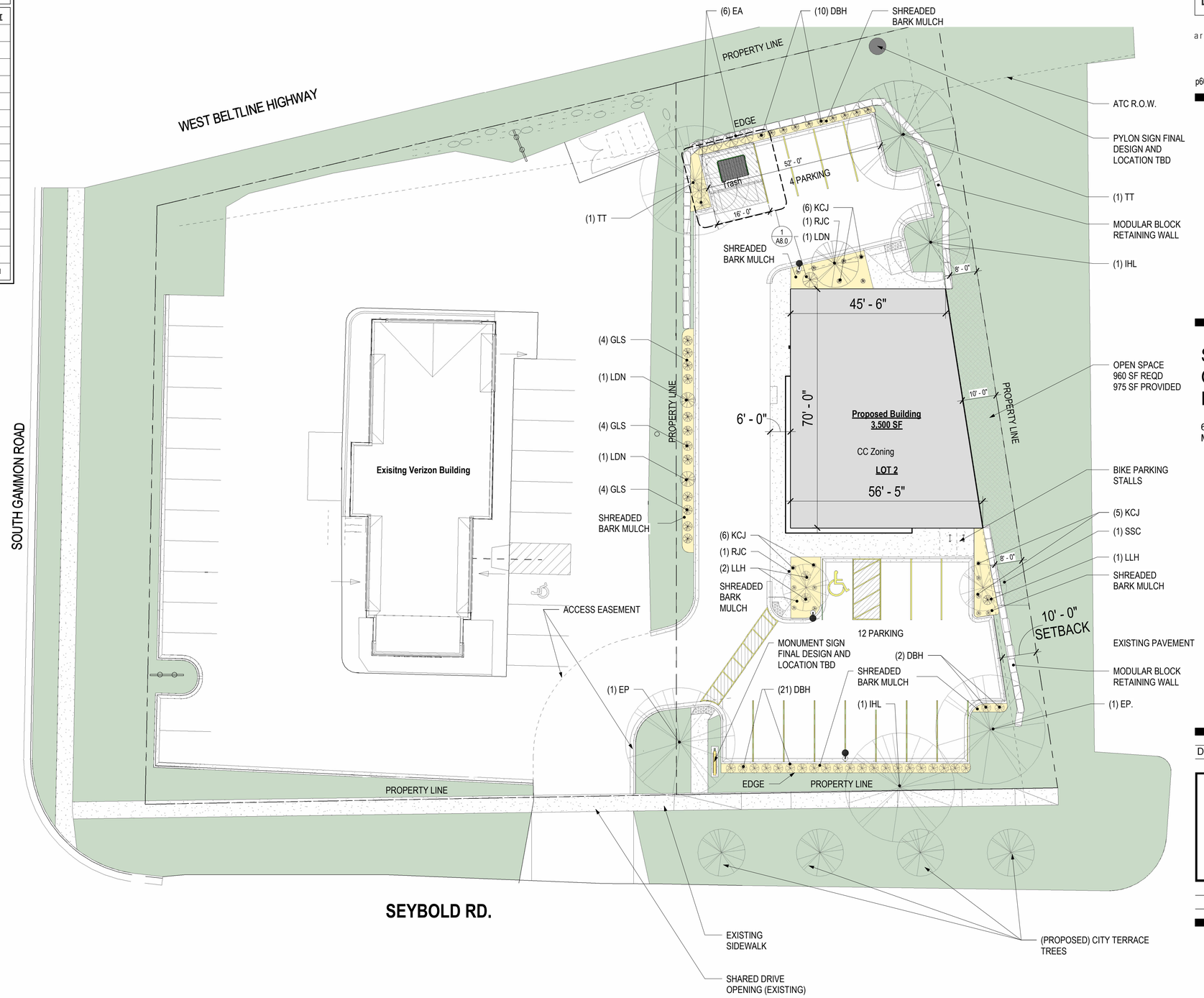
Sanford - Seybold Rd Lot 2 Commercial Building Site Lighting

Scale: N.T.S
Drawn: Approved:
Issued:
PM:
Project #:

Sheet Number
C400

PLANT LIST

KEY	QUAN	SIZE	COMMON NAME	BOTANICAL NAME	ROOT
	(6)		CANOPY TREES		
EP	2	2"	EXCLAMATION PLANETREE	PLATANUS OCCIDENTALIS	BB
IHL	2	2"	IMPERIAL HONEY LOCUST	GLEDITSIA TRICANTHOS	BB
TT	2	2"	TULIP TREE	LIRIODENDRON TULIPIFERA	BB
	(3)		ORNAMENTAL TREES		
RJC	2	2"	RED JADE CRAB	MALUS 'RED JADE;	BB
SSC	1	2"	SPRING SNOW CRAB	MALUS 'SPRING SNOW'	BB
	(51)		DECIDUOUS SHRUBS		
DBH	33	18'	DWARF BUSH HONEYSUCKLE	DIERVILLA LONICERA	POT
GLS	12	18"	GRO LOW SUMAC	RHUS AROMATICA	POT
LDN	3	24"	LITTLE DEVIL NINEBARK	PHYSOCARPUS O 'DONNA MAY'	POT
LLH	3	24"	LITTLE LIME HYDRANGEA	HYDRANGEA PANICULATA	POT
	(23)		EVERGREEN SHRUBS		
EA	6	5'	EMERALD ARBORVITAE	THUJA O 'EMERALD ARBORVITAE'	POT
KCJ	17	18"	KALLAY'S COMPACT JUNIPER	JUNIPERUS C 'KALLAY'S COMPACT'	CON



1 **SITE PLAN / LANDSCAPE PLAN**
1/16" = 1'-0"

0' 4' 8' 16' N

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT # 24034

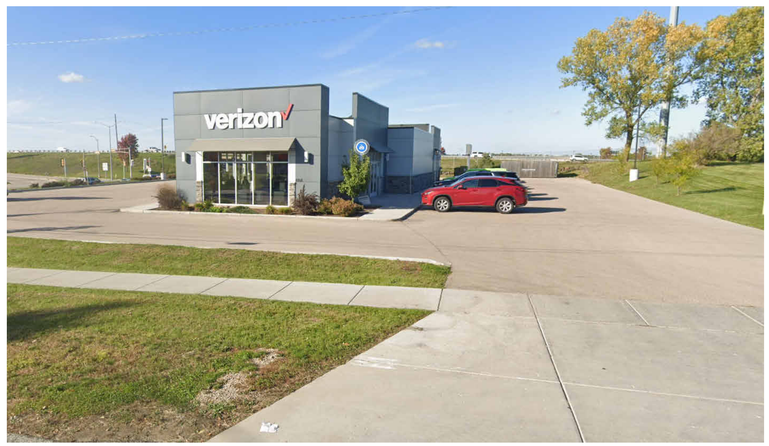
SITE AND LANDSCAPE PLAN

AS1.0

View from Seybold

View from Seybold

View from the Beltline



Verizon Building

Quality Inn Building

SITE PLAN CONTEXT

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

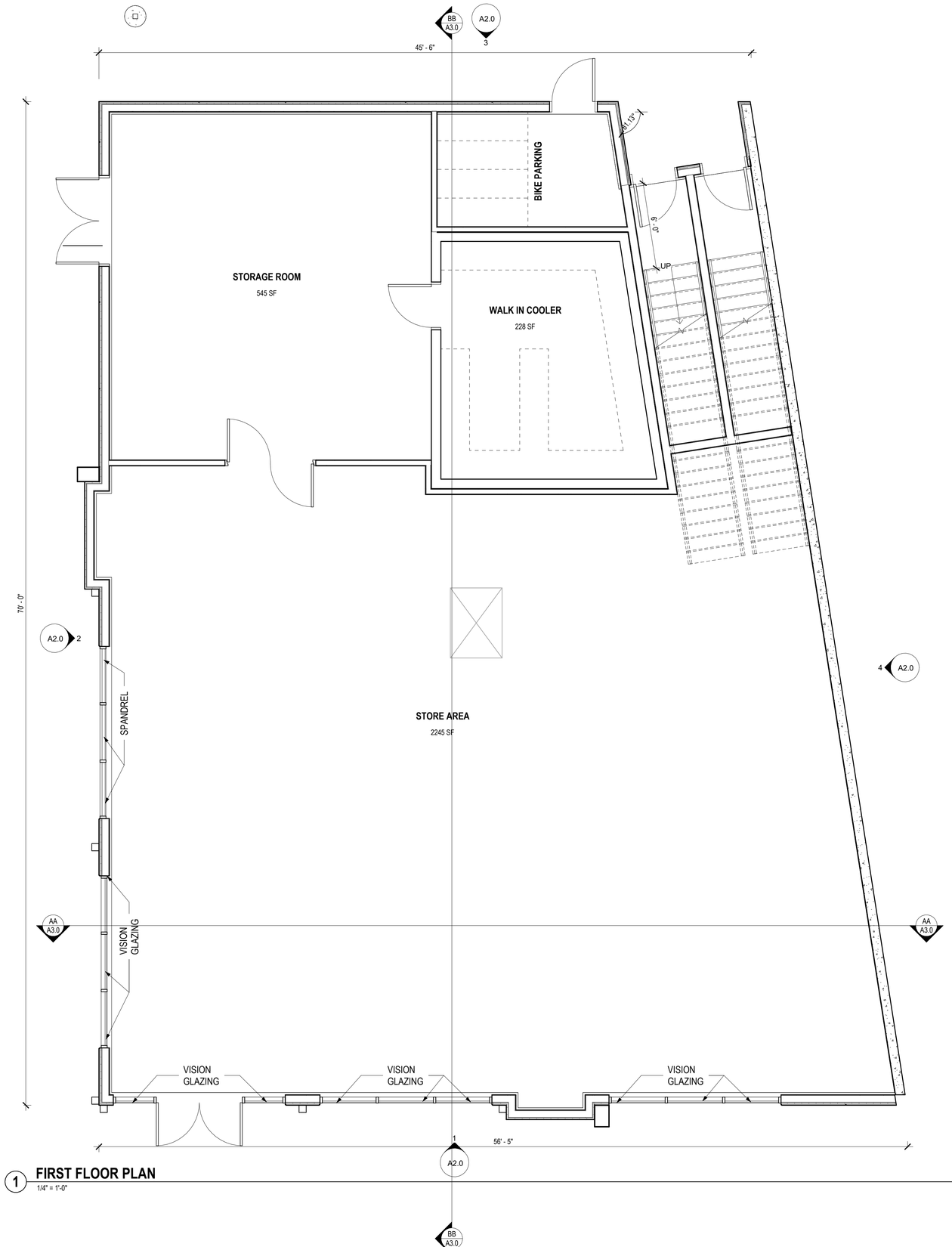
PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

SITE PLAN CONTEXT & SITE PHOTOS

AS1.1



1 FIRST FLOOR PLAN
1/4" = 1'-0"

0' 1' 2' 4'

N

FLOOR PLAN GENERAL NOTES

A. SEE SHEET A5.0 FOR LARGE SCALE PLANS.

B. SEE SHEET A7.0 FOR INTERIOR ELEVATIONS.

C. PROVIDE VERTICAL CONTROL JOINTS (CJ'S) WHERE STRUCTURAL SYSTEMS CHANGE, LOCATIONS THAT ARE PRONE TO CRACKING AND AS REQUIRED BY MANUFACTURES INSTALLATION RECOMMENDATIONS.

D. VERIFY SIZE AND LOCATIONS OF ALL MECHANICAL OPENINGS. GENERAL CONTRACTOR TO PAINT AND SEAL LOUVER PERIMETER, TYPICAL.

E. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL/ELECTRICAL EQUIPMENT. VERIFY SIZE/PROFILE/LOCATION WITH PLUMBING/MECHANICAL/ELECTRICAL.

F. GENERAL CONTRACTOR TO INSTALL FOAM FILLER AT ALL MASONRY WALL CONTROL/EXPANSION JOINTS AND SEAL BOTH SIDES (WALL REINFORCING TO DISCONTINUE AT JOINTS).

G. GENERAL CONTRACTOR TO PROVIDE WOOD BLOCKING BETWEEN WOOD/METAL STUDS AS REQUIRED FOR CASEWORK/HANDRAIL/TOILET ACCESSORIES ETC. MOUNTING.

H. PROVIDE VINYL CARPET EDGE AT TRANSITIONS FROM CARPET TO DISSIMILAR FLOOR MATERIALS, UNLESS NOTED OTHERWISE (U.N.O.).

I. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR WALL CONTROL JOINTS.

J. VERIFY ALL ACTUAL CHASE DIMENSIONS WITH HVAC CONTRACTOR.

K. ADA CLEARANCE CIRCLES AND BOXES SHOWN ON PLAN ARE FOR INFORMATION PURPOSES ONLY.

L. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS NOTED OTHERWISE.

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

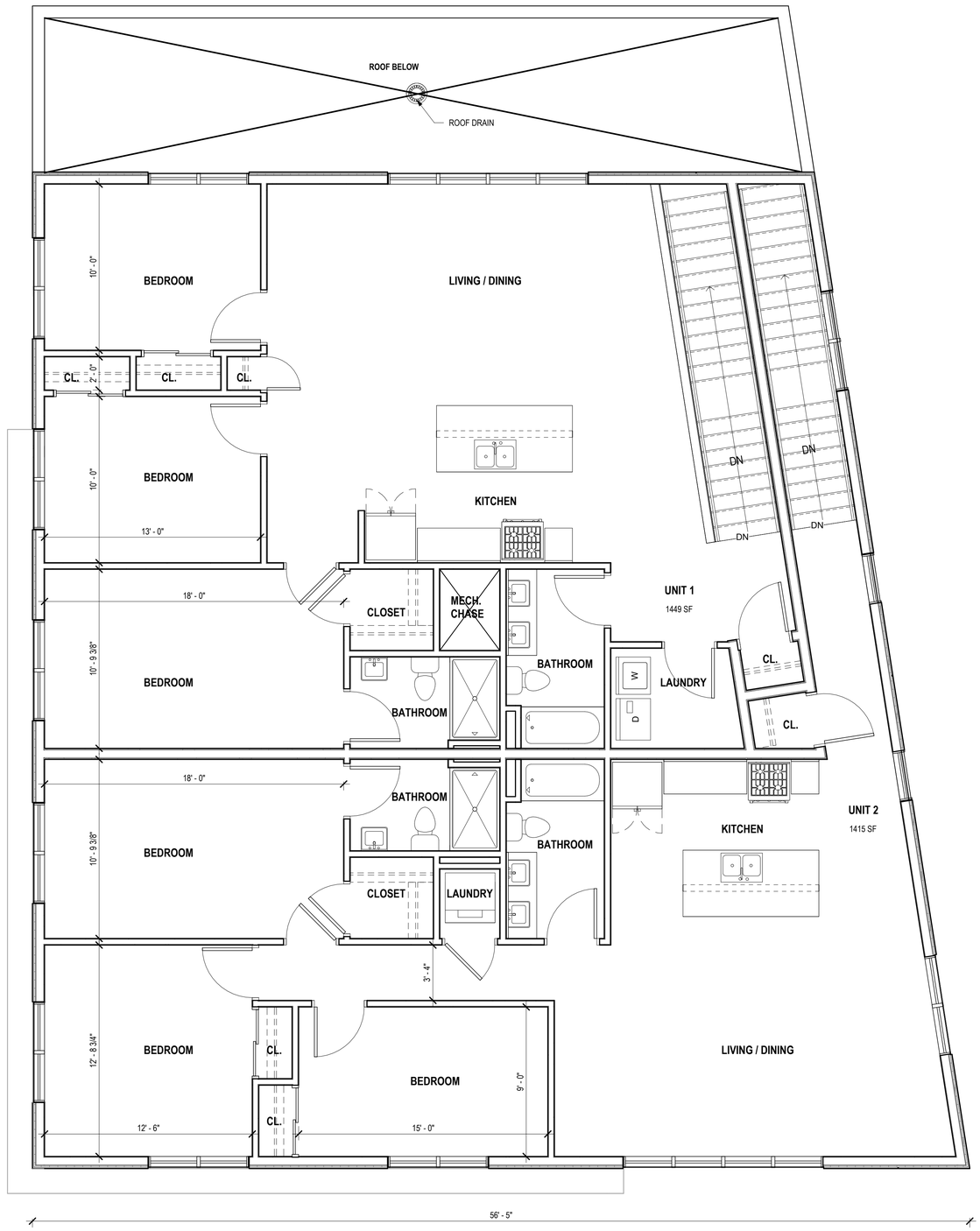
PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

FIRST FLOOR PLAN

A1.1



1 **SECOND FLOOR PLAN**
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

A. SEE SHEET A5.0 FOR LARGE SCALE PLANS.

B. SEE SHEET A7.0 FOR INTERIOR ELEVATIONS.

C. PROVIDE VERTICAL CONTROL JOINTS (CJ'S) WHERE STRUCTURAL SYSTEMS CHANGE, LOCATIONS THAT ARE PRONE TO CRACKING AND AS REQUIRED BY MANUFACTURES INSTALLATION RECOMMENDATIONS.

D. VERIFY SIZE AND LOCATIONS OF ALL MECHANICAL OPENINGS. GENERAL CONTRACTOR TO PAINT AND SEAL LOUVER PERIMETER, TYPICAL.

E. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL/ELECTRICAL EQUIPMENT. VERIFY SIZE/PROFILE/LOCATION WITH PLUMBING/MECHANICAL/ELECTRICAL.

F. GENERAL CONTRACTOR TO INSTALL FOAM FILLER AT ALL MASONRY WALL CONTROL/EXPANSION JOINTS AND SEAL BOTH SIDES (WALL REINFORCING TO DISCONTINUE AT JOINTS).

G. GENERAL CONTRACTOR TO PROVIDE WOOD BLOCKING BETWEEN WOOD/METAL STUDS AS REQUIRED FOR CASEWORK/HANDRAIL/TOILET ACCESSORIES ETC. MOUNTING.

H. PROVIDE VINYL CARPET EDGE AT TRANSITIONS FROM CARPET TO DISSIMILAR FLOOR MATERIALS, UNLESS NOTED OTHERWISE (U.N.O.).

I. REFER TO EXTERIOR ELEVATIONS FOR EXTERIOR WALL CONTROL JOINTS.

J. VERIFY ALL ACTUAL CHASE DIMENSIONS WITH HVAC CONTRACTOR.

K. ADA CLEARANCE CIRCLES AND BOXES SHOWN ON PLAN ARE FOR INFORMATION PURPOSES ONLY.

L. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS NOTED OTHERWISE.

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

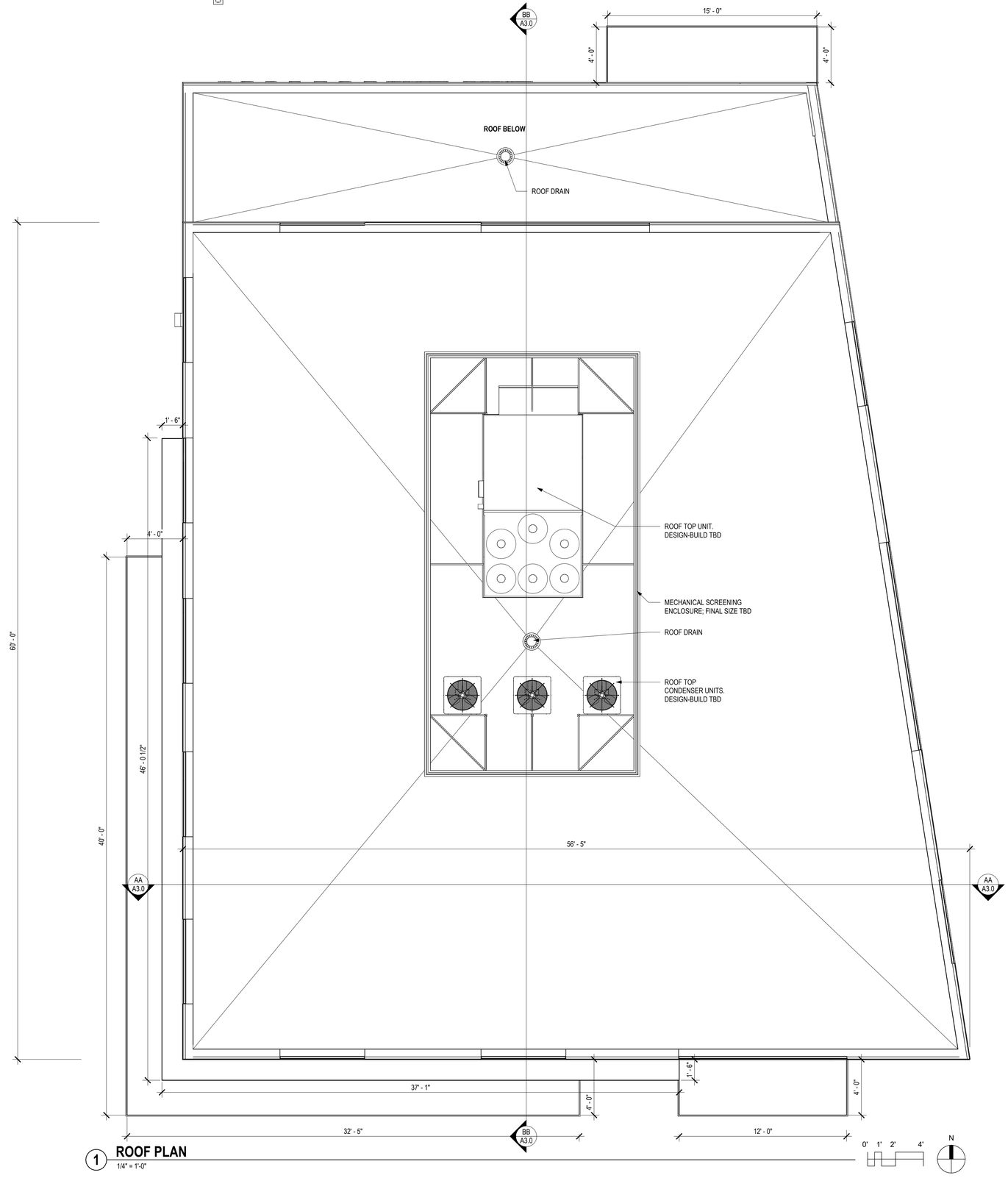
DATE OF ISSUE: 10/4/2024

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT # 24034

SECOND FLOOR PLAN

A1.2



1 **ROOF PLAN**
1/4" = 1'-0"

ROOF PLAN GENERAL NOTES

A. ROOFING TO BE TPO - REFER TO ROOF TYPE R50.

B. ROOF PLUMBING VENT PIPE PENETRATIONS NOT SHOWN. COORDINATE QUANTITY AND LOCATIONS WITH PLUMBING CONTRACTOR.

C. COORDINATE DOWNSPOUT CONNECTIONS TO SEWER w/ CIVIL PLANS. PROVIDE SPLASH BLOCKS @ DOWNSPOUTS THAT SPILL ONTO GRADE.

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

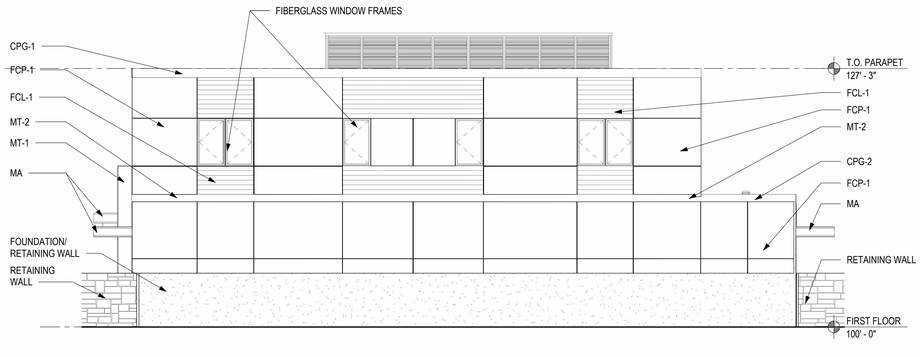
ROOF PLAN

A1.3

ELEVATION LEGEND & NOTES

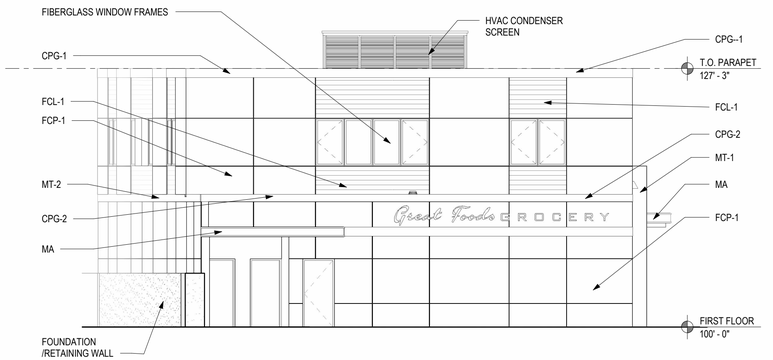
SIDING & TRIM		COLOR (DIAMOND KOTE)
FCP-1	FIBER CEMENT PANEL	OLIVE
FCL-1	FIBER CEMENT LAP SIDING	PEWTER GREEN
MP-1	ENGINEERED WOOD PANEL	FAWN
PRE-FINISHED METAL		COLOR
CPG-1	COPING	DARK BRONZE
CPG-2	COPING	FAWN
FSA	FASCIA	DARK BRONZE
MT-1	METAL TRIM	DARK BRONZE
MT-2	METAL TRIM	FAWN
CANOPY		COLOR
MA	METAL AWNING	DARK BRONZE
STOREFRONT		COLOR
ANODIZED ALUMINUM		DARK BRONZE
WINDOW FRAME		COLOR
FIBERGLASS		BROWN

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com



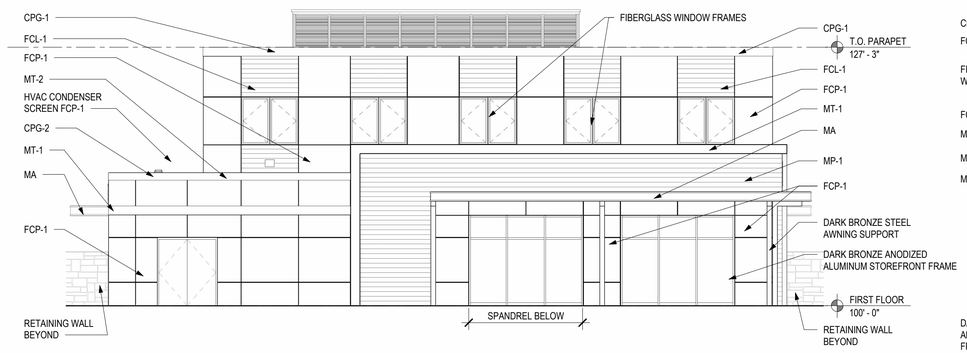
4 EAST ELEVATION
1/8" = 1'-0"

0' 2' 4' 8'



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

0' 2' 4' 8'



2 WEST ELEVATION
1/8" = 1'-0"

0' 2' 4' 8'

1 SOUTH ELEVATION
1/8" = 1'-0"

0' 2' 4' 8'

DOOR AND WINDOW OPENINGS AT STREET FACING FACADE
REQUIRED OPENINGS WINDOWS AND DOORS SHALL COMPRISE MIN 60% OF LENGTH
58LF * 60% = 35LF REQUIRED = 36LF PROVIDED = OK
WINDOWS AND DOORS SHALL COMPRISE MIN 40% OF GROUND FLOOR AREA
810SF * 40% = 324SF REQUIRED = 342 PROVIDED = OK

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

EXTERIOR ELEVATIONS

A2.0

ELEVATION LEGEND & NOTES

SIDING & TRIM		COLOR (DIAMOND KOTE)
FCP-1	FIBER CEMENT PANEL	OLIVE
FCL-1	FIBER CEMENT LAP SIDING	PEWTER GREEN
MP-1	ENGINEERED WOOD PANEL	FAWN
PRE-FINISHED METAL		COLOR
CPG-1	COPING	DARK BRONZE
CPG-2	COPING	FAWN
FSA	FASCIA	DARK BRONZE
MT-1	METAL TRIM	DARK BRONZE
MT-2	METAL TRIM	FAWN
CANOPY		COLOR
MA	METAL AWNING	DARK BRONZE
STOREFRONT		COLOR
ANODIZED ALUMINUM		DARK BRONZE
WINDOW FRAME		COLOR
FIBERGLASS		BROWN

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

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

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

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

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

DOOR AND WINDOW OPENINGS AT STREET FACING FACADE
REQUIRED OPENINGS WINDOWS AND DOORS SHALL COMPRISE MIN 60% OF LENGTH
58LF * 60% = 35LF REQUIRED = 36LF PROVIDED = OK
WINDOWS AND DOORS SHALL COMPRISE MIN 40% OF GROUND FLOOR AREA
810SF * 40% = 324SF REQUIRED = 342 PROVIDED = OK

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

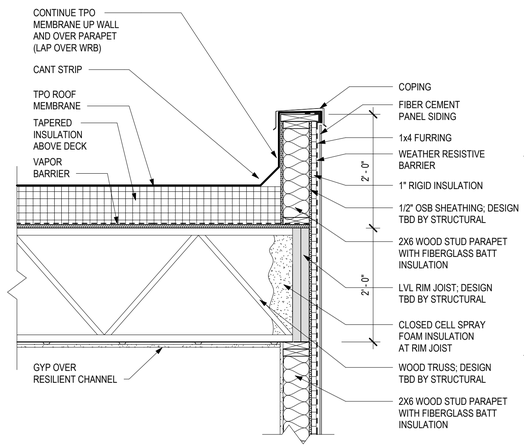
DATE OF ISSUE: 10/4/2024

PRELIMINARY
NOT FOR CONSTRUCTION

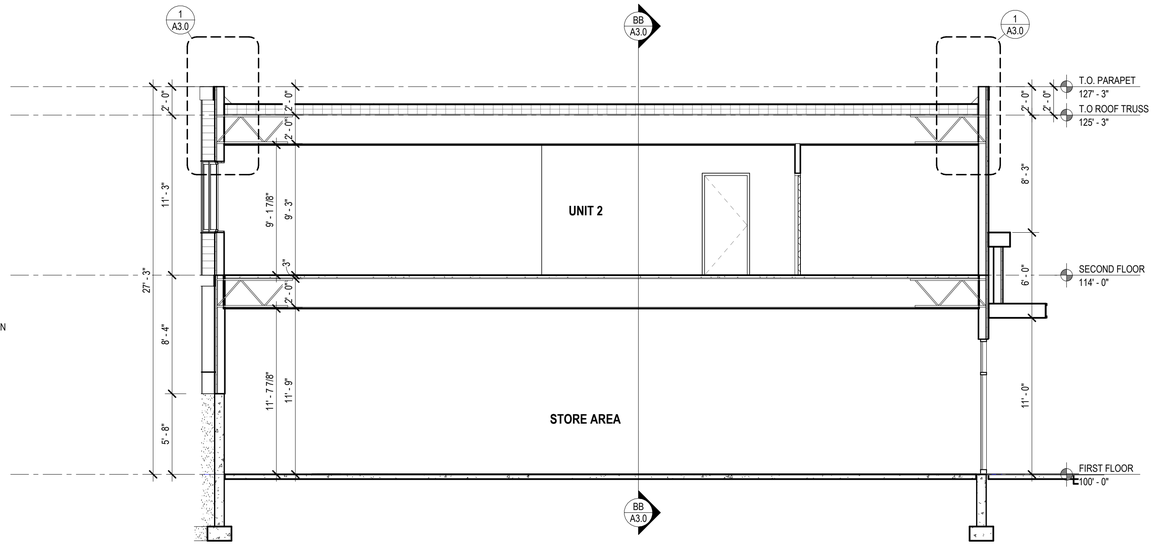
PROJECT # 24034

EXTERIOR ELEVATIONS - COLOR

A2.1

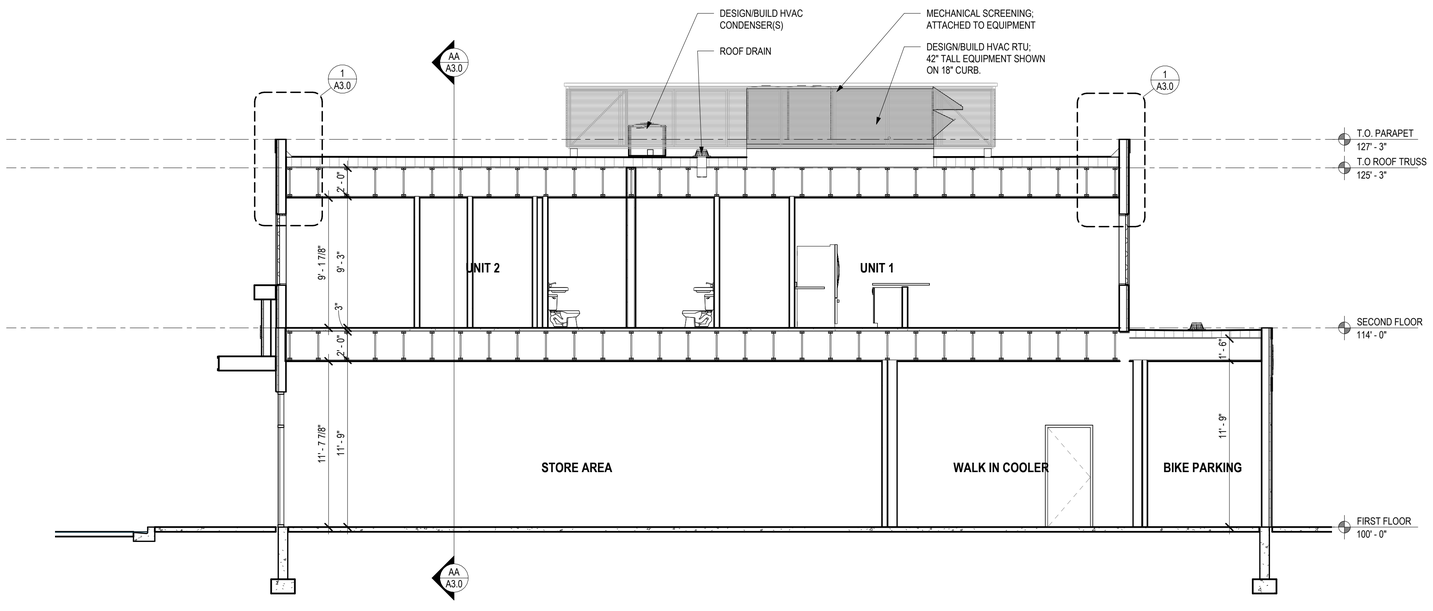


1 **PARAPET DETAIL**
3/4" = 1'-0"



AA **BUILDING SECTION**
3/16" = 1'-0"

0' 2' 4' 8'



BB **BUILDING SECTION**
3/16" = 1'-0"

0' 2' 4' 8'

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

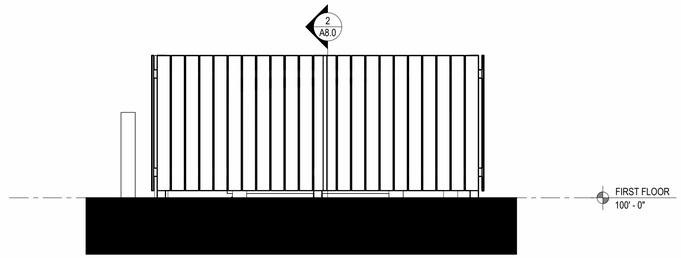
DATE OF ISSUE: 10/4/2024

PRELIMINARY
NOT FOR CONSTRUCTION

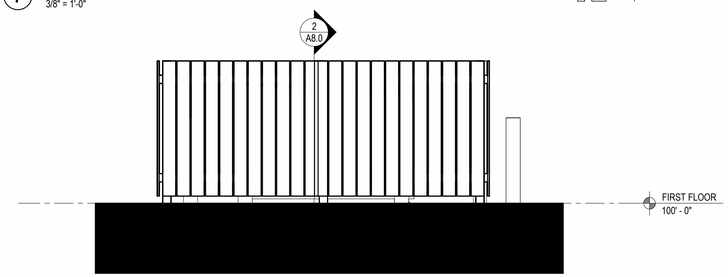
PROJECT # 24034

BUILDING SECTIONS

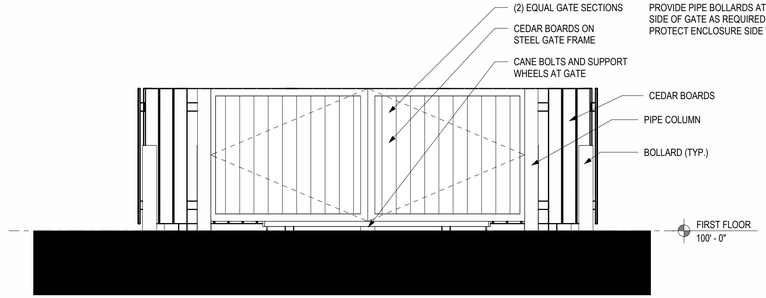
A3.0



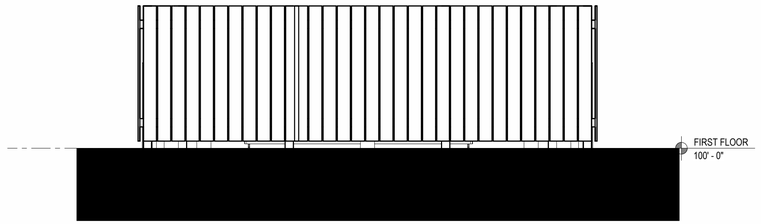
7 EAST ELEVATION
3/8" = 1'-0"



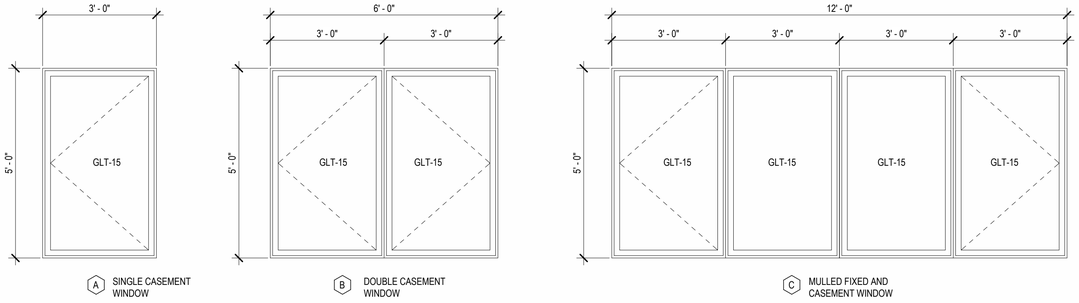
5 WEST ELEVATION
3/8" = 1'-0"



6 FRONT GATE ELEVATION
3/8" = 1'-0"

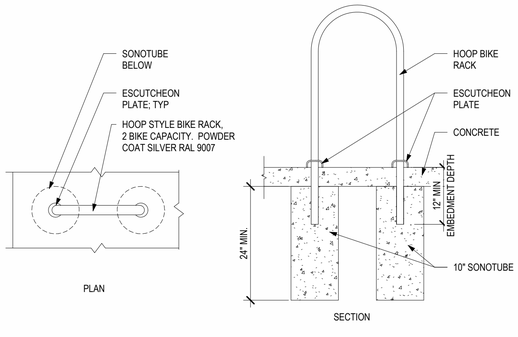


4 REAR ELEVATION
3/8" = 1'-0"

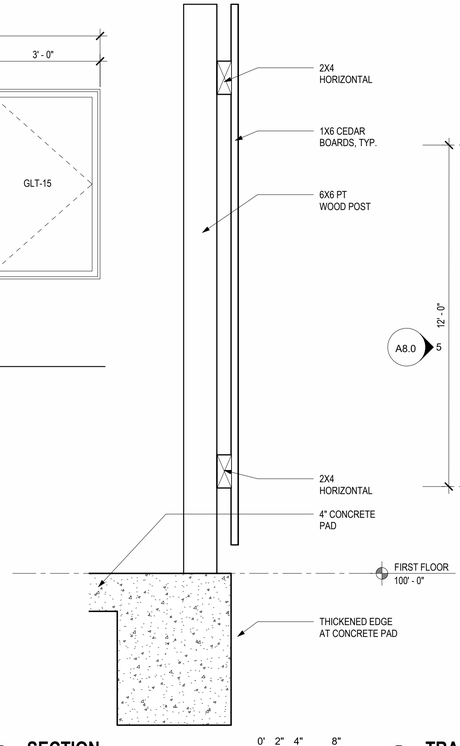


8 WINDOW ELEVATIONS
1/2" = 1'-0"

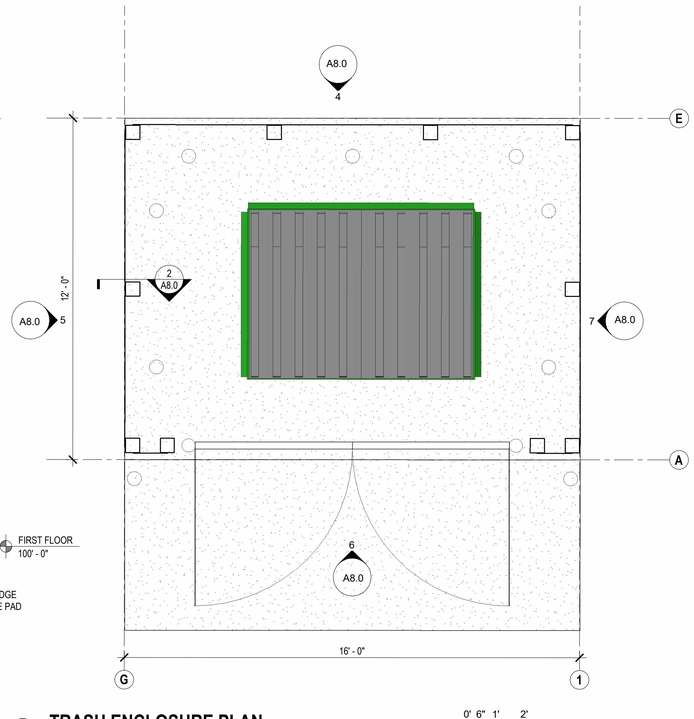
BASIS-OF-DESIGN: PELLA IMPERVIA CASEMENT AND FIXED FIBERGLASS WINDOW FRAME - BROWN (MATCH DARK BRONZE STOREFRONT)



3 BIKE RACK DETAIL
3/4" = 1'-0"



2 SECTION
1 1/2" = 1'-0"



1 TRASH ENCLOSURE PLAN
3/8" = 1'-0"

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

PRELIMINARY
NOT FOR CONSTRUCTION

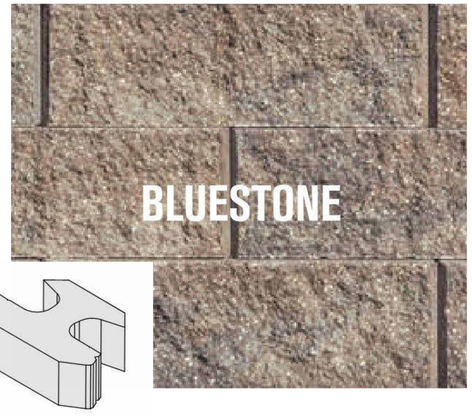
PROJECT # 24034

DETAILS

A8.0

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

ROOFTOP EQUIPMENT SCREENING - CORRUGATED METAL INFILL - FOREST GREEN (BOD CITYSCAPES ENVISOR)



MODULAR BLOCK RETAINING WALL - BEVELED EDGE - BLUESTONE

WINDOW FRAME - BROWN (BOD PELLA IMPERVIA)

METAL TRIM/METAL COPING/STOREFRONT FRAME - DARK BRONZE (BOD KAWNEER)

FIBER CEMENT PANEL SIDING - OLIVE

FIBER CEMENT PANEL SIDING - PEWTER GREEN

METAL TRIM - FAWN (BOD LUX)

METAL PANEL SIDING - FAWN (BOD LUX)

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

MATERIAL BOARD

A9.1

DIMENSION IV
Madison Design Group
architecture · interior design · planning
6515 Grand Teton Plaza, Suite 120
Madison, Wisconsin 53719
p608.829.4444 f608.829.4445 dimensionivmadison.com

SEYBOLD RD. LOT 2 COMMERCIAL BUILDING

6910 SEYBOLD RD.
MADISON, WI 53719

UDC FINAL APPROVAL SUBMITTAL

DATE OF ISSUE: 10/4/2024

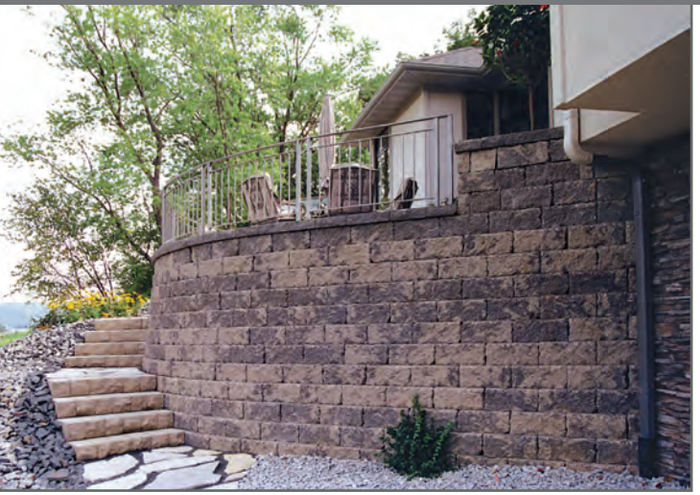
PRELIMINARY

NOT FOR CONSTRUCTION

PROJECT # 24034

3D VIEWS

A9.2



The simple advantages of a Rockwood Retaining Wall

Fast... Located on the underside of each Rockwood® unit, the 4" x 4" Anchor Bar creates a mechanical connection with the highest shear resistance in the industry. Plus, Rockwood's fewer pieces, pinless design and lower weight per square foot reduces construction time, labor costs and freight charges.

Simple... "One Unit" construction is a vital element of Rockwood's superior design. Each Rockwood unit can be made into a 90° corner block or a half block by simply removing a portion of the unit. The half blocks are used to step down a wall, while the corner blocks lock into position on 90° corners. No special units are required; no special inventories are needed; no shortages occur on the jobsite!

Strong... In addition to the Anchor Bar, Rockwood provides a second connection to geosynthetic grids. Upon assembly, Rockwood units automatically create 4" x 5" vertical "stone columns". When layered with grid, the gravel filled stone columns provide a multi-point interlock, resulting in a more uniform block-to-grid mechanical connection.

Versatile... Variable setbacks, sharp radius turns, "One Unit" construction, and complete inter-changeability are all features of the Rockwood retaining wall. The ability to mix various sizes and colors within a wall enhances your imagination without sacrificing structural integrity. Plus, the Anchor Bar allows you to build at any setback you desire - from 0° to 7°, providing the only "true" vertical setback in the industry.

Experience & History

Rockwood is a third generation family business, with a foundation in mortarless concrete manufacturing and construction experience dating back to 1914. From farm silos to retaining walls to concrete siding, Rockwood is an industry expert in mortarless construction.

Available at:

ROCKWOOD®
RETAINING WALLS
A better way.™

325 Alliance Place NE
Rochester, MN 55906

toll free
888.288.4045
phone
507.529.2871
fax
507.529.2879

www.rockwoodwalls.com

Classic 6™

Planning, Installation and Reference Guide

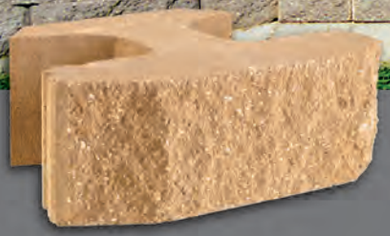
Appearance

Dependability

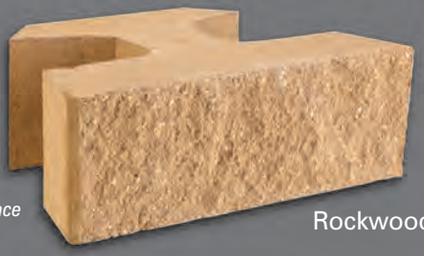
Efficiency

ROCKWOOD®
RETAINING WALLS
A better way.™

The Classic 6™ Advantages



Beveled face



Straight face

The lower profile of Classic 6™ provides a longer smoother appearance while maintaining all the special features of the Rockwood® Classic family of products. Appealing to homeowners, contractors and designers, Classic 6 is as flexible as it is versatile. It is capable of sharp radius turns, variable setbacks and other endless design possibilities. It is the perfect block for any type of project and can be utilized for various wall applications ranging from the smallest raised patio wall to the most critical wall application.

Classic 6 Specifications

Size: 6" H x 18" W x 12" D
150mm x 450mm x 300mm
Weight: 58 lbs., 26 kg.

Classic 6 Components

Half Block

Step Tread

Corner Block

Universal Cap

Easily calculate the material requirements knowing the height and length of your future Classic 6 wall.

Wall Height	10'		20'		30'		40'	
12" (2 Courses)	14	0.5	27	1	40	1.4	54	1.8
	0.5	8	1	16	1.5	23	2	31
24" (4 Courses)	27	0.5	54	1	80	1.4	107	1.8
	1	8	2	16	3	23	4	31
36" (6 Courses)	40	0.5	80	1	120	1.4	160	1.8
	1.5	8	3	16	4.5	23	6	31
48" (8 Courses)	54	0.5	107	1	160	1.4	214	1.8
	2	8	4	16	6	23	7.9	31

Wall Length

Classic 6 units →	14	0.5	← Base mtrl. (yd^3)
Drainage Rock (yd^3) →	0.5	8	← Caps

Walls above 4' in height should be designed by a registered engineer and use structural reinforcement.

Building a Classic 6™ Wall

Tools and Materials You Will Need

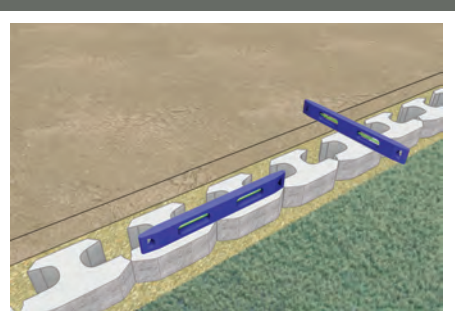
Base Material ..... 3/4" aggregate with fine
Drainage Rock ..... 3/4" to 1" clean aggregate
Hammer and Chisel ..... For splitting units
Masonry Saw ..... For cutting units
String Line ..... Use to align units
Level ..... To insure first course is level, front-to-back and side-to-side
Shovel ..... Excavation
Tamper ..... Compaction
Super-Stik™ Adhesive ... To secure split and cut units
Rubber Mallet ..... For leveling block
Gloves ..... Protective hand-wear for positioning block
Safety Glasses ..... Protective eye-wear when splitting block

Rockwood Tip: Fines are the smaller sand-like particles of aggregate that make compaction possible.

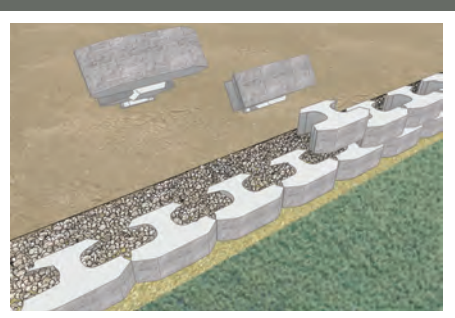
Rockwood Tip: A rubber mallet may be used to level and align the blocks.

Getting Started

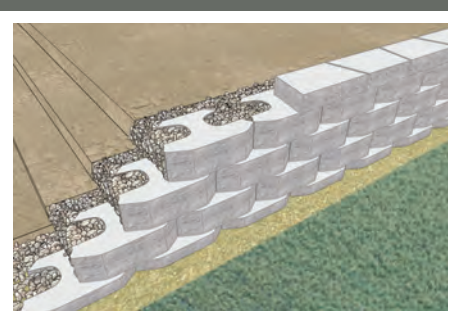
Step 1 - Dig the Foundation
Excavate a trench that is 12" deep and 24" wide to accommodate a 6" depth of base material and the base course. Compact the base material and level with a tamper.



Step 2 - Install the First Course
Set and level each unit of the base course front-to-back, side-to-side across three-blocks. Align the base course units with a string line behind the tail of the blocks.



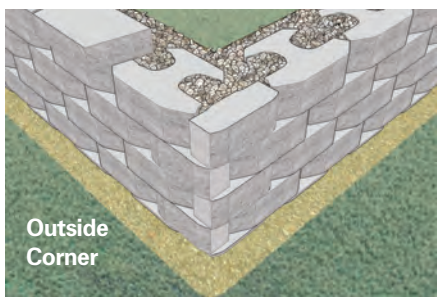
Step 3 - Add More Courses
When building successive courses, center the first block on the two blocks directly below it. Using crushed drainage rock, backfill 12" behind each course and between the blocks. Compact the backfill as each course is installed.

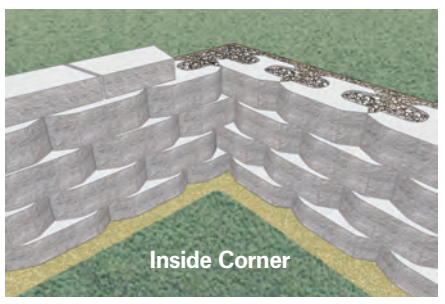


Step 4 - Finish the Installation
Position the Universal Caps and adhere in place with Super-Stik™.

Rockwood Tip: Inside corners with multiple courses have an accumulated setback that will require "wedge" block to fill the gaps.

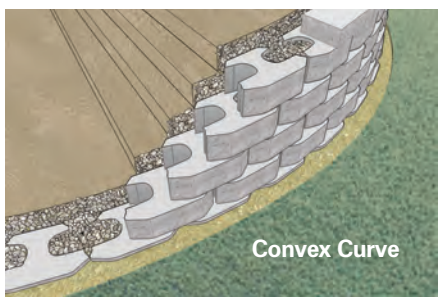
90º Corners

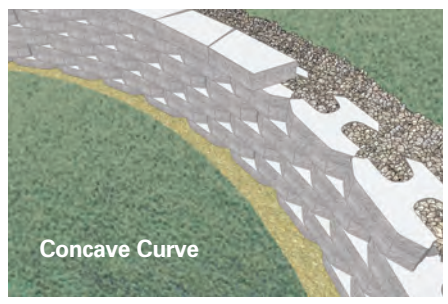




Add More Courses
For an outside corner, begin installation from the corner out. Alternate the direction of the Corner Units for each succeeding course. For an inside corner, position a block so part of it is exposed and the other part recedes in the wall. Alternate the direction of the block for each succeeding course. Cut Universal Caps at the corner and adhere in place with Super-Stik.

Radius Curves

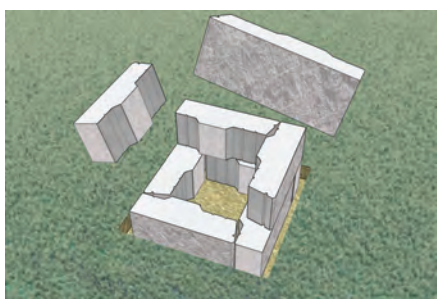




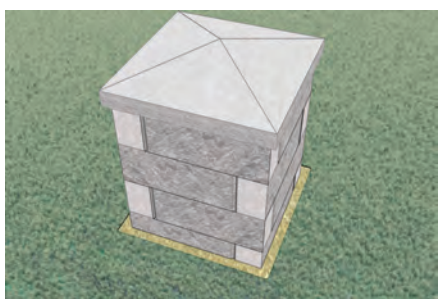
Maintain a Running Bond on a Convex or Concave Radius Curve
When building multiple courses on a radius curve, begin installation with a block in the middle of the curve, that is centered on two blocks directly below it. Build the wall from the center block out, in both directions. Cut and adhere Universal Caps to follow the contour of the wall.

Rockwood Tip: Universal Caps may also be used to cap a Classic 6 Pillar.

Pillars



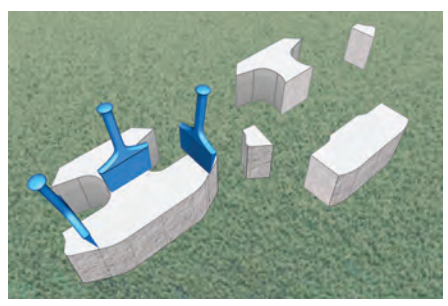
Add More Courses
Lay four pillar units to create the foundation. Alternate the direction of the blocks as each succeeding course is built.



Finish the Installation - Coping Caps
Position the coping cap so it is centered on the pillar. Adhere in place with Super-Stik.

Creating Half and Corner / Pillar Units

Half-Unit
Mark a score line on the middle of the block and split the unit on both top and bottom sides, as shown.

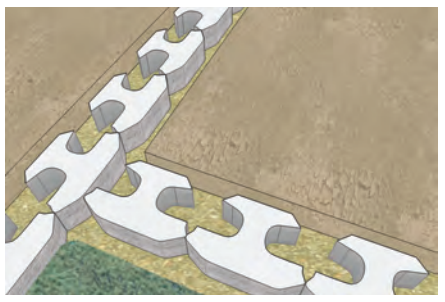


Corner / Pillar Unit
Mark score lines on both splitting groves and directly behind the head of the block. Split the unit on both top and bottom sides, as shown. To create a Pillar Unit, split on only one of the two groves.

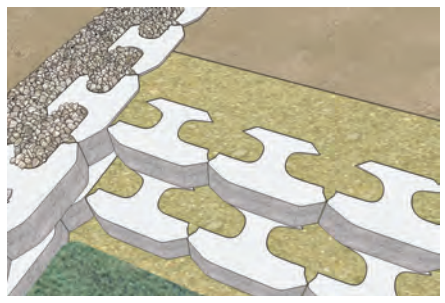
Rockwood Tip: When using Rockwood's proprietary Step Tread, no caps are necessary! Step Tread available in select markets.

Rockwood Tip: The step riser width should be divisible by the width of the Classic 6 unit, which is 18".

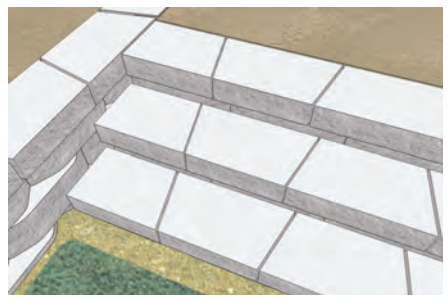
Stair Steps



Install the First Course
Lay out the base course. The step riser should be built independently between two sidewalls.
Rockwood Tip: The sidewalls abutting the step riser should be built as vertical walls with no setback.

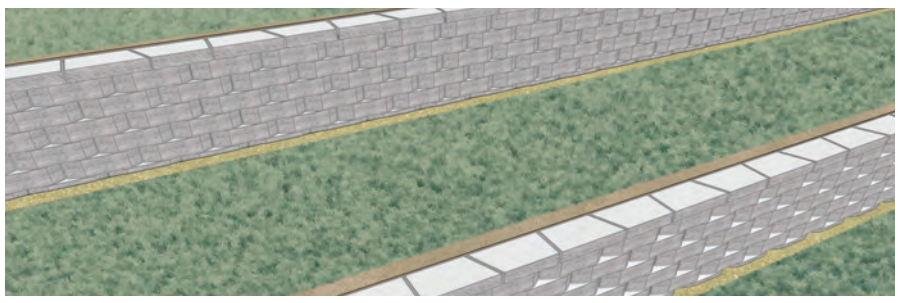


Add More Courses
Elevate the trench for each succeeding step riser. The blocks should for each succeeding step riser need to overlap the previous course by 2". Adhere in place with Super-Stik.



Finish the Installation
Cut the Universal Caps with a masonry saw so they fit the width of each step riser. Adhere Universal Cap units in place with Super-Stik.

Tiered Walls



Independent Wall Spacing: The 2:1 Ratio
As a rule of thumb, maintain a 2:1 ratio when building a tiered wall. If the height of the first wall is 4', the distance back to the second wall needs to be equal to or greater than 8'. If surcharge loading, global stability and/or poor soil conditions are present, consult an engineer in regard to the wall design.

ROCKWOOD®
RETAINING WALLS
A better way.™

www.rockwoodwalls.com

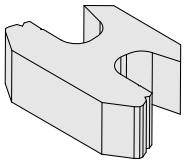
CLASSIC® 6 RETAINING WALL

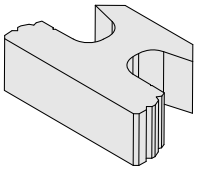
ROCKWOOD® RETAINING WALLS
A better way.™

- Specify straight or beveled face
- Strong and versatile, efficient to build, one-unit system
- Matching half and corner block (2-3 day lead time req'd.)
- 1.0" setback; adjustable
- Cap with 3" or 4" Universal or Chiseled Cap
- Available by layer or pallet

Classic 6 Colors: (straight or beveled face):
- Bluestone
- Sandstone Brown
- Santa Fe

Classic 6 Colors: (straight face)
- Charcoal
- Grey
- Sandstone





Classic 6 Blocks	Dimensions	Face Area	Weight	Units/Layer	Layers	Units/Pallet	Pallet Weight
Straight Face	18 x 12 x 6" H	0.75 sq. ft.	64 lbs.	12	3	36 (27 sq. ft.)	2,354 lbs.
Straight Base (grey only)	18 x 12 x 6" H	0.75 sq. ft.	64 lbs.	12	3	36 (27 sq. ft.)	2,354 lbs.
Beveled Face	18 x 12 x 6" H	0.75 sq. ft.	60 lbs.	12	3	36 (27 sq. ft.)	2,210 lbs.
Half-Block	9 x 12 x 6" H	0.38 sq. ft.	30 lbs.	12	1	12 (4.56 sq. ft.)	410 lbs.
Corner Block	13 x 5.5 x 6" H	0.54 sq. ft.	32 lbs.	12	1	12 (6.48 sq. ft.)	434 lbs.

Corners are split on one long and one short side. To estimate number of units, divide total sq. ft. by 0.75 for Classic 6.

Manufactured by:
Rochester Concrete Products™

7200 Broadway Ave. N, Rochester, MN 55906
Phone: 507-288-8850 • Fax: 507-535-1487
rochestercp.com

Radean Arm Mount
LED Area Luminaire

Catalog Number

Notes

Type

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

Specifications

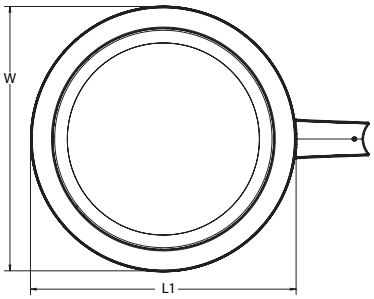
EPA: 0.75 ft² (0.05 m²)

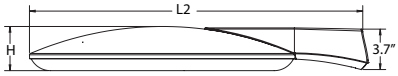
Length:
L1 24" (61cm)
L2 30" (60.96 cm)

Width: 24" (61cm)

Height: 4" (10.2cm)

Weight (max): 29lbs (13.15Kg)





Introduction

The RADEAN arm mount luminaire is the perfect choice for pedestrian applications where daytime aesthetics and visual comfort are needed. Adding architectural flair to any space, the RADEAN's low-profile shape and smooth curves blend in while adding a touch of elegance.

Perfect for campuses, parks, pedestrian malls, courtyards and pathways, the RADEAN arm mount is the Architect's choice to provide beautiful aesthetics both day and night.

Ordering Information

EXAMPLE: RAD1 LED P3 30K SYM MVOLT RPA PE DNAXD

RAD1 LED

Series	Performance package	Color temperature	Distribution	Voltage	Mounting
RAD1 LED	P1 3,000 Lumens P2 5,000 Lumens P3 7,000 Lumens P4 11,000 Lumens P5 16,000 Lumens	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	SYM Symmetric type V ASY Asymmetric type IV PATH Pathway type III	MVOLT[2] 277[2] 120[2] 347 208[2] 480 240[2]	SPA Square pole mounting (includes adapter) RPA Round pole mounting WBA Wall bracket

Control options	Other options	Finish *(required)*
Shipped installed NLTAIR2 nLight AIR 2.0 enabled[3] PE Button photocell[3] FAO Field adjustable output[3] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)	SF Single Fuse[2] DF Double Fuse[2] L90 Left rotated optics R90 Right rotated optics **Shipped separately** HS Houseside shield[5]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Ordered and shipped separately.

RADHS Houseside shield (shield is white)
RADCS Decorative clamshell base for 4" RSS pole (specify finish)
RADFBC Full base cover for 4" RSS pole (specify finish)

For more control options, visit DTL and ROAM online.

NOTES

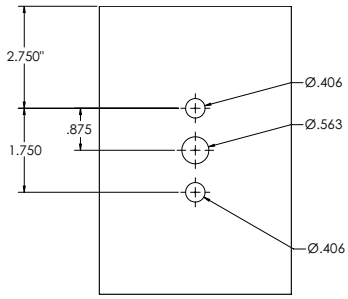
1. 2700K and 3500K may require extended lead-times.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
3. NLTAIR2 not available with PE or FAO. Must link to external nLight Air network. Does not include occupancy sensor. For more information refer to rSBOR pole mount sensor.
4. DMG not available with NLTAIR2 or FAO.
5. Also available as a separate accessory; see Accessories information. Shield is field rotatable in 45° increments.

Mounting

Recommended Poles for use with RADEAN RAD1 LED Luminaires.			
Acuity Part Number	**Description**	**For luminaires:**	**Used with Mounting**
RSS 10 4B DM19RAD DDBXD	10' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 12 4B DM19RAD DDBXD	12' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 14 4B DM19RAD DDBXD	14' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 16 4B DM19RAD DDBXD	16' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 18 4B DM19RAD DDBXD	18' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 20 4B DM19RAD DDBXD	20' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
RSS 25 4B DM19RAD DDBXD	25' Round Straight Steel - Template #20 Drilling	RAD1 LED	RPA
SSS 10 4C DM19RAD DDBXD	10' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 12 4C DM19RAD DDBXD	12' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 14 4C DM19RAD DDBXD	14' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 16 4C DM19RAD DDBXD	16' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 18 4C DM19RAD DDBXD	18' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 20 4C DM19RAD DDBXD	20' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA
SSS 25 4C DM19RAD DDBXD	25' Square Straight Steel -Template #20 Drilling	RAD1 LED	SPA

* Customer must verify pole loading per required design criteria and specified wind speed. Consult pole specification sheet for additional details.

Drilling Template #20



RAD1 has a unique drilling pattern. Specify this drilling pattern when specifying poles, per the table below.

DM19RAD	Single unit	**DM29RAD**	2 at 90° [1,2]
DM28RAD	2 at 180°	**DM39RAD**	3 at 90° *
DM49RAD	4 at 90° [1]	**DM32RAD**	3 at 120°

Example: SSA 20 4C **DM19RAD** DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

1. *Round pole top must be 4.25" O.D. minimum.*
2. *Square pole top must be 3.125" O.D. minimum.*

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. Contact factory for performance data on any configurations not shown here.

Performance Package	Input Wattage	Distribution	2700K					3000K					3500K					4000K					5000K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	25	ASY	3,103	1	0	1	122	3,207	1	0	1	126	3,285	1	0	1	129	3,362	1	0	1	132	3,362	1	0	1	132
		PATH	2,695	2	0	2	106	2,785	2	0	2	110	2,853	2	0	2	112	2,920	2	0	2	115	2,920	2	0	2	115
		SYM	3,271	2	0	1	129	3,380	2	0	1	133	3,461	2	0	1	136	3,543	2	0	1	139	3,543	2	0	1	139
P2	38	ASY	4,798	1	0	2	126	4,958	1	0	2	130	5,078	2	0	2	134	5,198	2	0	2	137	5,198	2	0	2	137
		PATH	4,167	2	0	2	110	4,306	3	0	3	113	4,410	3	0	3	116	4,514	3	0	3	119	4,514	3	0	3	119
		SYM	5,056	2	0	1	133	5,225	3	0	1	137	5,351	3	0	1	141	5,478	3	0	1	144	5,478	3	0	1	144
P3	54	ASY	6,779	2	0	2	126	7,005	2	0	2	131	7,174	2	0	2	134	7,344	2	0	2	137	7,344	2	0	2	137
		PATH	5,887	3	0	3	110	6,084	3	0	3	113	6,231	3	0	3	116	6,378	3	0	3	119	6,378	3	0	3	119
		SYM	7,144	3	0	2	133	7,382	3	0	2	138	7,561	3	0	2	141	7,739	3	0	2	144	7,739	3	0	2	144
P4	86	ASY	10,773	3	0	3	126	11,132	3	0	3	130	11,401	3	0	3	133	11,671	3	0	3	136	11,671	3	0	3	136
		PATH	9,356	3	0	3	109	9,668	3	0	3	113	9,902	3	0	3	116	10,136	3	0	3	118	10,136	3	0	3	118
		SYM	11,353	3	0	2	133	11,731	3	0	2	137	12,015	3	0	2	140	12,299	3	0	2	144	12,299	3	0	2	144
P5	122	ASY	15,001	3	0	3	123	15,501	3	0	3	127	15,876	3	0	3	130	16,251	3	0	3	133	16,251	3	0	3	133
		PATH	13,028	4	0	4	107	13,462	4	0	4	110	13,788	4	0	4	113	14,114	4	0	4	116	14,114	4	0	4	116
		SYM	15,808	4	0	3	130	16,335	4	0	3	134	16,731	4	0	3	137	17,126	4	0	3	140	17,126	4	0	3	140

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		LAT Factor
0°C	32°F	1.06
5°C	41°F	1.05
10°C	50°F	1.04
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.96

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **RAD1 LED P5** platform 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.

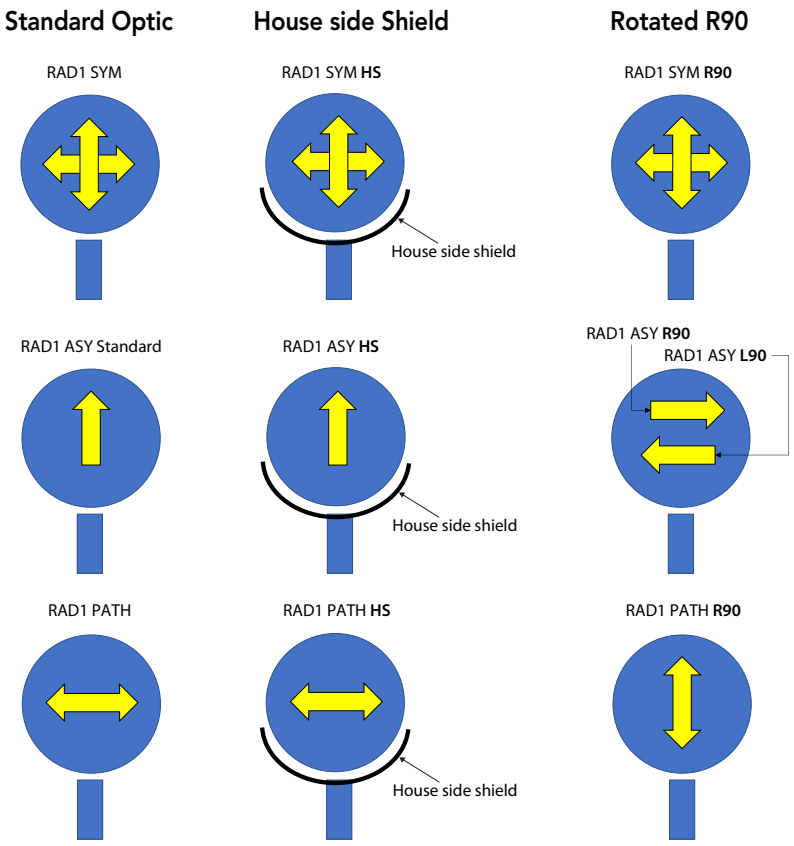
Projected LED Lumen Maintenance				
	0	25,000	50,000	100,000
P1	1.00	0.96	0.91	0.82
P2	1.00	0.96	0.91	0.82
P3	1.00	0.96	0.91	0.82
P4	1.00	0.96	0.91	0.82
P5	1.00	0.95	0.89	0.78

Electrical Load

Lumen Package	LED Drive Current	Voltage	Wattage		Current (A)					
					120	208	240	277	347	480
P1	500	42.8	21.4	Input Current	0.22	0.13	0.11	0.1	0.08	0.06
				System Watts	26	26	26	27	25	26
P2	770	43	33.1	Input Current	0.33	0.19	0.16	0.14	0.11	0.08
				System Watts	39	39	39	39	38	38
P3	1100	43.2	47.5	Input Current	0.46	0.26	0.23	0.2	0.16	0.12
				System Watts	55	54	54	54	54	54
P4	900	87.3	78.6	Input Current	0.73	0.42	0.36	0.32	0.25	0.18
				System Watts	87	86	86	86	86	86
P5	1250	88.2	110.2	Input Current	1	0.58	0.5	0.44	0.35	0.25
				System Watts	120	119	119	119	120	120

Orientation Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RAD1 LED homepage.



FEATURES & SPECIFICATIONS

INTENDED USE
Pedestrian areas such as parks, campuses, pathways, courtyards and pedestrians malls.

CONSTRUCTION
Single-piece die-cast aluminum housing with nominal wall thickness of 0.125" on a 6mm thick acrylic waveguide is fully gasketd with a single piece tubular silicone gasket.

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. Standard Super Durable colors include dark bronze, black, natural aluminum and white. Available in textured and non-textured finishes.

OPTICS
6MM thick acrylic waveguide with 360° flexible LED board. Available in 2700K, 3000K, 3500K, 4000K and 5000K (80CRI) CCT configurations.

ELECTRICAL
Light engine consists of 96 high-efficacy LEDs mounted to a flexible circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Fixtures ship standard with 0-10v dimming driver (order option DMG for connection to exterior controls). Class 1 electronic driver has a power factor >90%, THD <20%, with an expected life of 100,000 hours with <1% failure rate. Serviceable 10kV surge protection device meets a minimum Category C Low for operation (per ANSI/IEEE C62.41.2).

INSTALLATION
Included luminaire and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls.

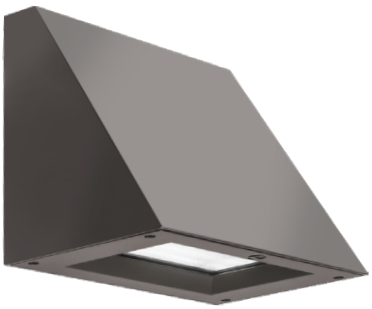
LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for -40°C minimum ambient.

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 3000K color or less.

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
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.



WDGE2 LED

Architectural Wall Sconce
Visual Comfort Optic

Catalog Number

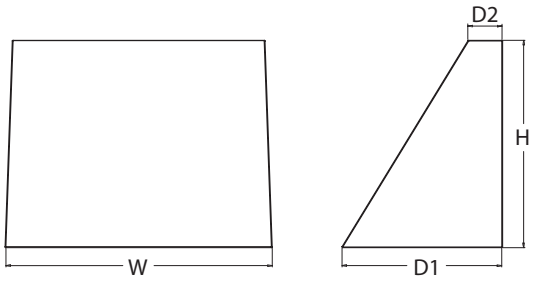
Notes

Type

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 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. 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.

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

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	6,000	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

Ordering Information

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

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P1[1] P1SW P2[1] P2SW P3[1] P3SW P4[1] P5[1] Door with small window (SW) is required to accommodate sensors. See page 2 for more details.	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K[2] 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347[3] 480[3]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[4] **Shipped separately** AWS 3/8inch Architectural wall spacer[5] PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.[5]

Options

E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)
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	Photocell, Button Type[6]
DS	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)[7]
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)[8]
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.
DSLE	Dual Switching (1 Driver, 2 Light Engines)
CCE	Coastal Construction[5]

Standalone Sensors/Controls (only available with P1SW, P2SW & P3SW)

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 (only available with P1SW, P2SW & P3SW)

NLTAIR2 PIR	Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.
NLTAIR2 PIRH	Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.
NLTAIREM2 PIR	Embedded wireless controls by nLight with UL924 listed emegency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights[9]
NLTAIREM2 PIRH	Embedded wireless controls by nLight with UL924 listed emegency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights[9]

See page 4 for out of box functionality

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

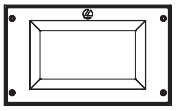
Accessories

Ordered and shipped separately.

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

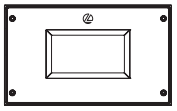
NOTES

1 P1-P5 not available with sensors/controls. Sensors/controls only available with P1SW, P2SW and P3SW.
2 50K not available in 90CRI.
3 347V and 480V not available with E4WH, E10WH, E20WC, DS or DSLE.
4 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
5 For PBBW and AWS with CCE option,require an RFA.
6 PE not available in 480V or with sensors/controls.
7 DS option not available with E4WH, E10WH, E20WC or sensors/controls.
8 DMG option not available with sensors/controls.
9 Available with MVOLT only and only rated to 25C ambient.



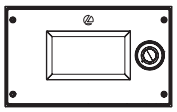
Default configuration with no sensors/controls.

Power Packages: P1, P2, P3, P4, P5



Small Window (SW) configuration

Power Packages: P1SW, P2SW, P3SW



Configuration with sensors/controls

Power Packages: P1SW, P2SW, P3SW

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)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			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
P1 / P1SW	10W	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
		VW	1,197	122	0	0	0	1,241	126	0	0	0	1,284	131	0	0	0	1,289	131	0	0	0	1,286	131	0	0	0
P2 / P2SW	15W	VF	1,878	129	1	0	0	1,947	134	1	0	0	2,015	139	1	0	0	2,023	139	1	0	0	2,019	139	1	0	0
		VW	1,927	133	1	0	0	1,997	137	1	0	0	2,067	142	1	0	0	2,075	143	1	0	0	2,071	143	1	0	0
P3 / P3SW	23W	VF	2,908	129	1	0	0	3,015	134	1	0	0	3,119	138	1	0	0	3,132	139	1	0	0	3,126	139	1	0	0
		VW	2,983	132	1	0	0	3,093	137	1	0	0	3,200	142	1	0	0	3,213	143	1	0	0	3,206	142	1	0	0
P4	35W	VF	4,096	117	1	0	1	4,247	121	1	0	1	4,394	126	1	0	1	4,412	126	1	0	1	4,403	126	1	0	1
		VW	4,202	120	1	0	0	4,357	125	1	0	1	4,508	129	1	0	1	4,526	129	1	0	1	4,517	129	1	0	1
P5	48W	VF	5,567	115	1	0	1	5,772	119	1	0	1	5,972	123	1	0	1	5,996	124	1	0	1	5,984	124	1	0	1
		VW	5,711	118	1	0	1	5,921	122	1	0	1	6,127	126	1	0	1	6,151	127	1	0	1	6,139	127	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1 / P1SW	10W	0.082	0.049	0.043	0.038	--	--
	13W	--	--	--	--	0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064	--	--
	18W	--	--	--	--	0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088	--	--
	26W	--	--	--	--	0.079	0.058
P4	35W	0.302	0.175	0.152	0.134	--	--
	38W	--	--	--	--	0.115	0.086
P5	48W	0.434	0.241	0.211	0.184	--	--
	52W	--	--	--	--	0.157	0.119

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

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

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647
E10WH	VF	1,658
	VW	1,701
E20WC	VF	2,840
	VW	2,913

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	0.98

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	>0.95	>0.91

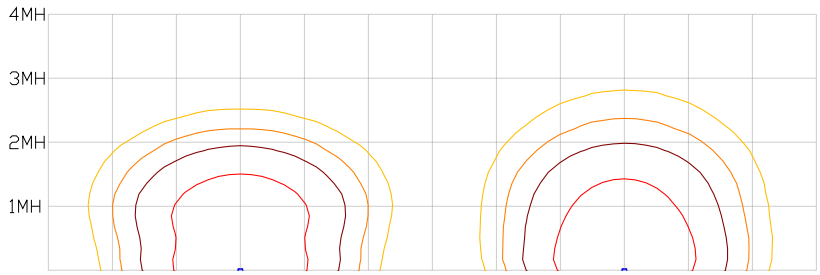
Photometric Diagrams

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



WDGE2 LED P3 40K 80CRI VW

WDGE2 LED P3 40K 80CRI VF

Emergency Egress Options

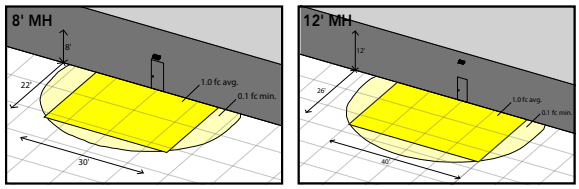
Emergency Battery Backup

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.

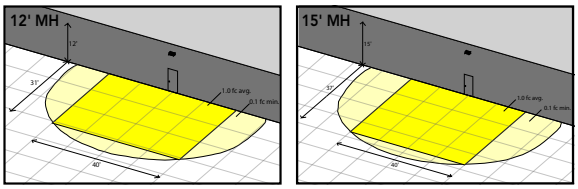
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E10WH or E20WC and VF distribution.

Grid = 10ft x 10ft



WDGE2 LED xx 40K 80CRI VF MVOLT E10WH

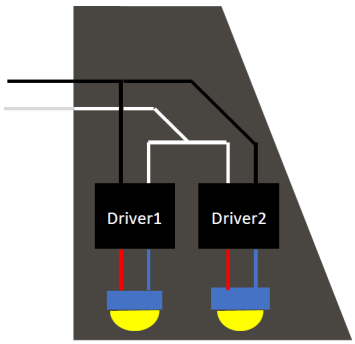


WDGE2 LED xx 40K 80CRI VF MVOLT E20WC

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark.

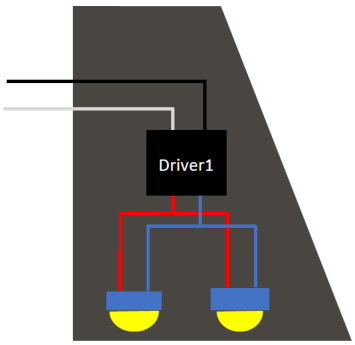
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9



Dual Switching Light Engine (DSLE) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with one driver and two light engines. These work completely independent to each other so that a failure of either light engine does not cause the whole luminaire to go dark.

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



Control / Sensor Options

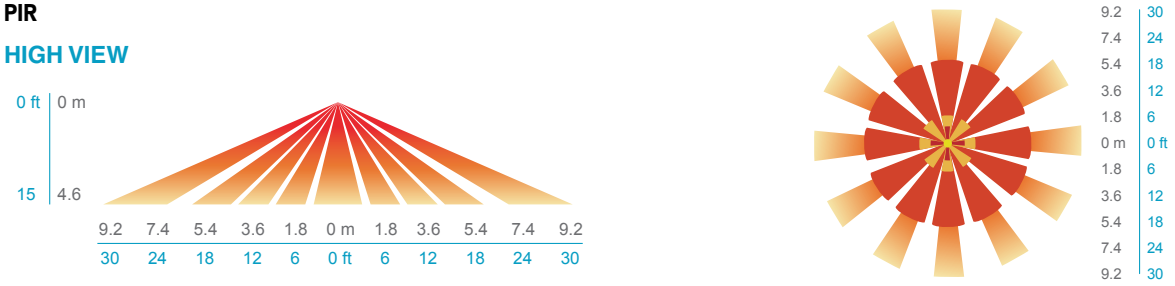
Motion/Ambient Sensor (PIR_, PIRH_)

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.

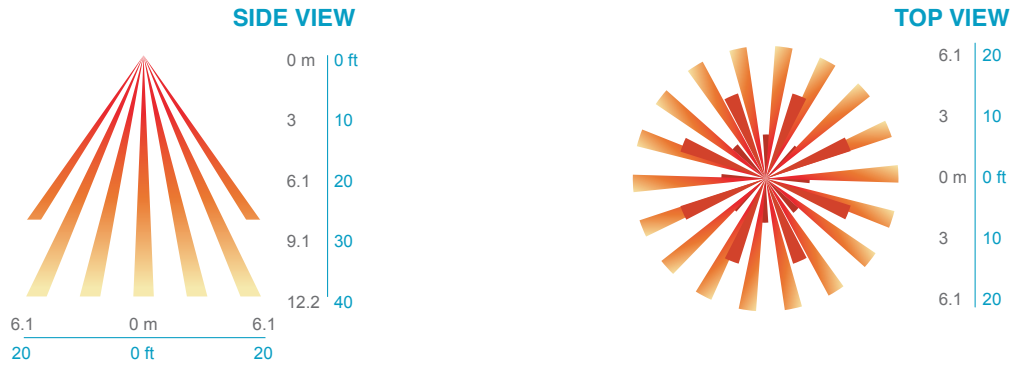
Networked Control (NLTAIR2)

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



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

UL 924 Response – nLight AIR Devices with EM Option

- NLTAIREM2 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 CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.

Mounting, Options & Accessories

NLTAIR2 PIR – nLight AIR Motion/Ambient Sensor

D = 7"

H = 11"

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"

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
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. 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.

GOVERNMENT PROCUREMENT
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
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

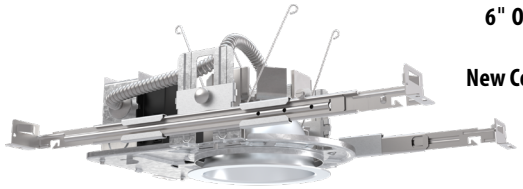
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

LDN6 STATIC WHITE

6" 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 ½"-3/4" and four ½" 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 equal to or less than 60deg, per CIE 117-1996 Discomfort Glare in Interior Lighting.

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. L70/60,000 hours

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

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
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.

PERFORMANCE DATA

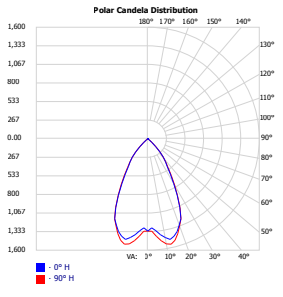
LDN6 3500K AR LSS 80CRI			
Nominal Lumens	**Lumens**	**Wattage**	**Lm/W**
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

Notes

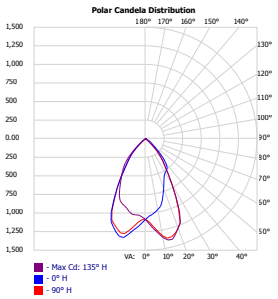
- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

battery pack

DISTRIBUTIONS



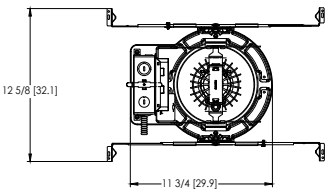
Open

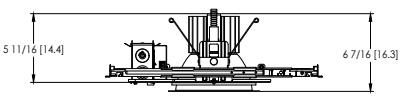


Wallwash

DIMENSIONS

LDN6 500-3000 Lumens





Aperture: Ø 6-1/4" [15.9]
Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged
Overlap Trim: Ø 7-1/2" [19.1]

See page 4 for other fixture dimensions

LDN6

Design Select options indicated by this color background.

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

Example: LDN6 35/15 LO6 AR LSS MVOLT EZ10

LDN6							
Series	**Color temperature**	**Lumens ‡**	**Trim Style**	**Trim Color**	**Trim Finish**	**Flange Color ‡**	**Voltage**
LDN6 6" round	27/ 2700K	05 500 lumens	LO6 Downlight	AR Clear	LSS Semi-specular	TRW White painted flange	MVOLT Multi-volt
	30/ 3000K	07 750 lumens	LW6 Wallwash	WR ‡ White	LD Matte diffuse	TRBL Black painted flange	120 120V
	35/ 3500K	10 1000 lumens		BR ‡ Black	LS Specular	FCPC Custom painted flange only	277 277V
	40/ 4000K	15 1500 lumens		TCPC ‡ Custom painted trim		FRALTBD RAL painted flange only	347 ‡ 347V
	50/ 5000K	20 2000 lumens		TRALTBD ‡ RAL painted trim			
		25 2500 lumens					
		30 3000 lumens					
		40 4000 lumens					
		50 5000 lumens					

Driver	**Emergency ‡**	**Control Input ‡**	**Options**
GZ10 0-10V driver dims to 10%	(blank) No Emergency Needed	(blank) No Control Input Needed	HAO ‡ High ambient option (40°C)
GZ1 0-10V driver dims to 1%	EL Battery pack (10W constant power), non-T20 compliant, integral test switch	JOT Wireless room control with "Just One Touch" pairing	CP ‡ Chicago Plenum
D10 Minimum dimming 10% driver for use with JOT	ELR Battery pack (10W constant power), non-T20 compliant, remote test switch	NPP16D nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).	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.
D1 Minimum dimming 1% driver for use with JOT	ELSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, integral test switch	NPP16DER nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.	BAA Buy America(n) Act and/or Build America Buy America Qualified
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	ELRSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, remote test switch	NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers (EZ1).	90CRI High CRI (90+)
EDAB eldoLED DALI SOLDRIVE dim to dark	E10WCP Battery pack (10W constant power), T20 compliant, integral test switch	NPS80EZER nLight® dimming pack controls 0-10V eldoLED drivers (EZ1). ER controls fixtures on emergency circuit.	SF ‡ Single fuse
	E10WCPR Battery pack (10W constant power), T20 compliant, remote test switch	N80 nLight™ Lumen Compensation	
	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.	

‡ Option Value Ordering Restrictions

Option value	Restriction
Lumens	Overall height varies based on lumen package; refer to dimensional chart.
WR, BR	Not available with finishes.
347	Not available with emergency options.
SF	Must specify voltage 120V or 277V.
TRW, TRBL	Available with clear (AR) reflector only.
EL, ELR, ELSD, ELRSD, E10WCP, E10WCPR	12.5" of plenum depth or top access required for battery pack maintenance.
NPP16D, NPP16DER, NPS80EZ, NPS80EZER	Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed. See UL 924 Sequence of Operation table.
N80	Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ1 drivers.
NLTAIR, NLTAIR2, NLTAIRER2, NLTAIREM2	Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. not recommended for metal ceiling installations.
HAO	Fixture height is 6.5" for all lumen packages with HAO.
CP	Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
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.
Reloc® Options	Refer to RRL specification sheet on acuitybrands.com for further details.
RRLAE	Commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode.
RRLC12S	RRLC12S option is to be used with the OnePass OCU, OCS, OD, OFC and OD for 0-24V integrated single-circuit or 0-10V low voltage controls applications. Not available with integral dimming sensors.
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.
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
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

Accessories: *Order as separate catalog number.*

EAC ISSM 375	Compact interruptible emergency AC power system	SCA6	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D
EAC ISSM 125	Compact interruptible emergency AC power system		
GRA68 JZ	Oversized trim ring with 8" outside diameter		

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 112.)

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

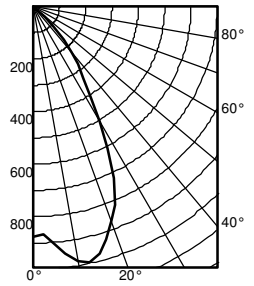
All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency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

LDN6

PHOTOMETRY

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

LDN6 35/10 LO6AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



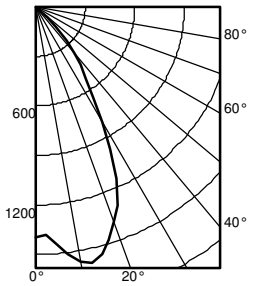
	Ave	Lumens
0	876	
5	905	89
15	971	269
25	720	322
35	330	214
45	110	87
55	1	4
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	680.7	69.0
0° - 40°	895.0	90.7
0° - 60°	986.0	99.9
0° - 90°	987.0	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°	987.0	*100.0

*Efficiency

		50% beam - 54.5°		10% beam - 82.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	29.0	5.7	14.5	9.6	2.9
10.0	15.6	7.7	7.8	13.1	1.6
12.0	9.7	9.8	4.9	16.6	1.0
14.0	6.6	11.8	3.3	20.1	0.7
16.0	4.8	13.9	2.4	23.6	0.5

LDN6 35/15 LO6AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0= 1.02, test no. ISF 30716P265.



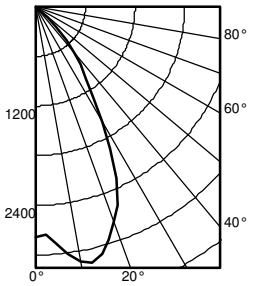
	Ave	Lumens
0	1396	
5	1442	142
15	1547	429
25	1147	514
35	526	342
45	176	139
55	2	6
65	1	1
75	1	1
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	1084.6	69.0
0° - 40°	1426.2	90.7
0° - 60°	1571.3	99.9
0° - 90°	1572.9	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°	1572.9	*100.0

*Efficiency

		50% beam - 54.5°		10% beam - 82.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	46.2	5.7	23.1	9.6	4.6
10.0	24.8	7.7	12.4	13.1	2.5
12.0	15.5	9.8	7.7	16.6	1.5
14.0	10.6	11.8	5.3	20.1	1.1
16.0	7.7	13.9	3.8	23.6	0.8

LDN6 35/30 LO6AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0= 1.02, test no. ISF 30716P274.



	Ave	Lumens
0	2786	
5	2877	284
15	3087	855
25	2289	1025
35	1049	682
45	350	277
55	5	12
65	2	2
75	1	1
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	2164.3	69.0
0° - 40°	2845.9	90.7
0° - 60°	3135.3	99.9
0° - 90°	3138.5	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°	3138.5	*100.0

*Efficiency

		50% beam - 54.5°		10% beam - 82.2°	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	92.1	5.7	46.1	9.6	9.2
10.0	49.5	7.7	24.8	13.1	5.0
12.0	30.9	9.8	15.4	16.6	3.1
14.0	21.1	11.8	10.5	20.1	2.1
16.0	15.3	13.9	7.6	23.6	1.5

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.

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

LUMEN OUTPUT MULTIPLIERS - CRI	
80	1.0
90	0.874

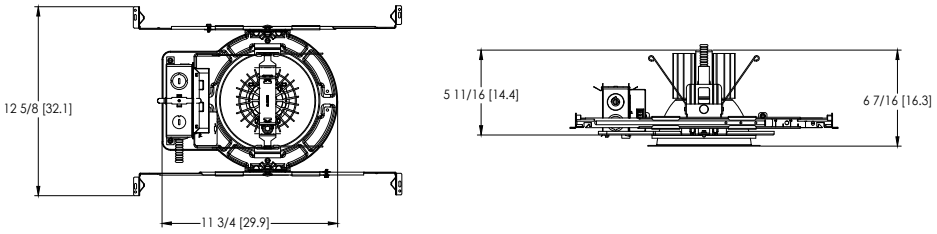
LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	**3000K**	**3500K**	**4000K**	**5000K**
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

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

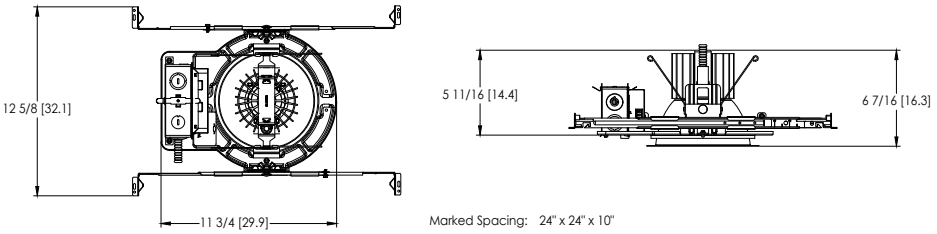
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500-3000 Lumens



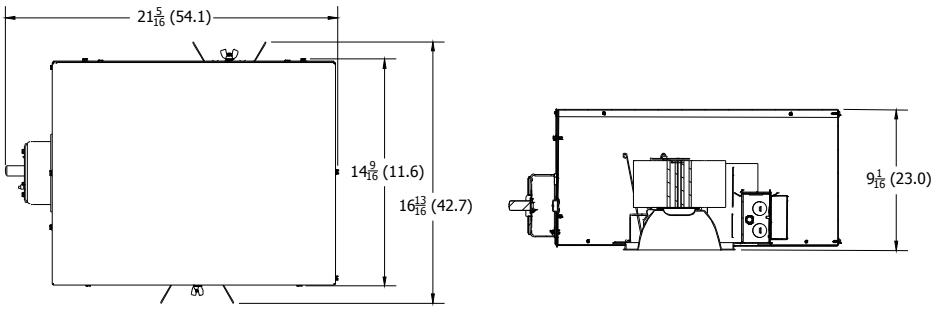
Aperture: Ø 6-1/4" [15.9]
Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged
Overlap Trim: Ø 7-1/2" [19.1]

LDN6 4000-5000 Lumens



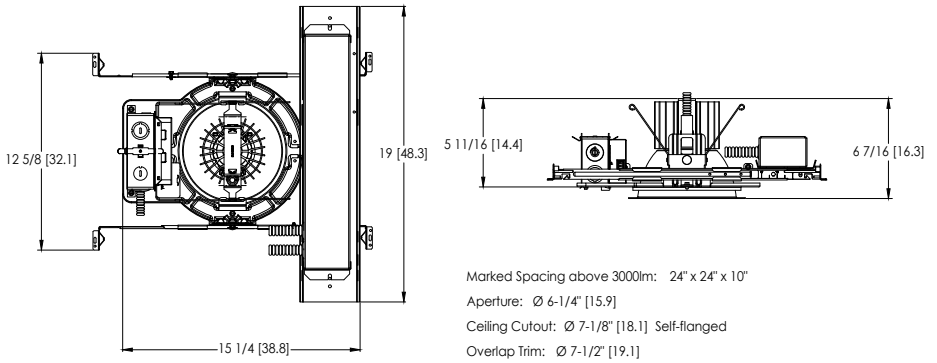
Marked Spacing: 24" x 24" x 10"
Aperture: Ø 6-1/4" [15.9]
Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged
Overlap Trim: Ø 7-1/2" [19.1]

LDN6 CP



Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 EL



Marked Spacing above 3000lm: 24" x 24" x 10"
Aperture: Ø 6-1/4" [15.9]
Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged
Overlap Trim: Ø 7-1/2" [19.1]

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

LDN6 Series

Sensor Switch
WSXA JOT

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.

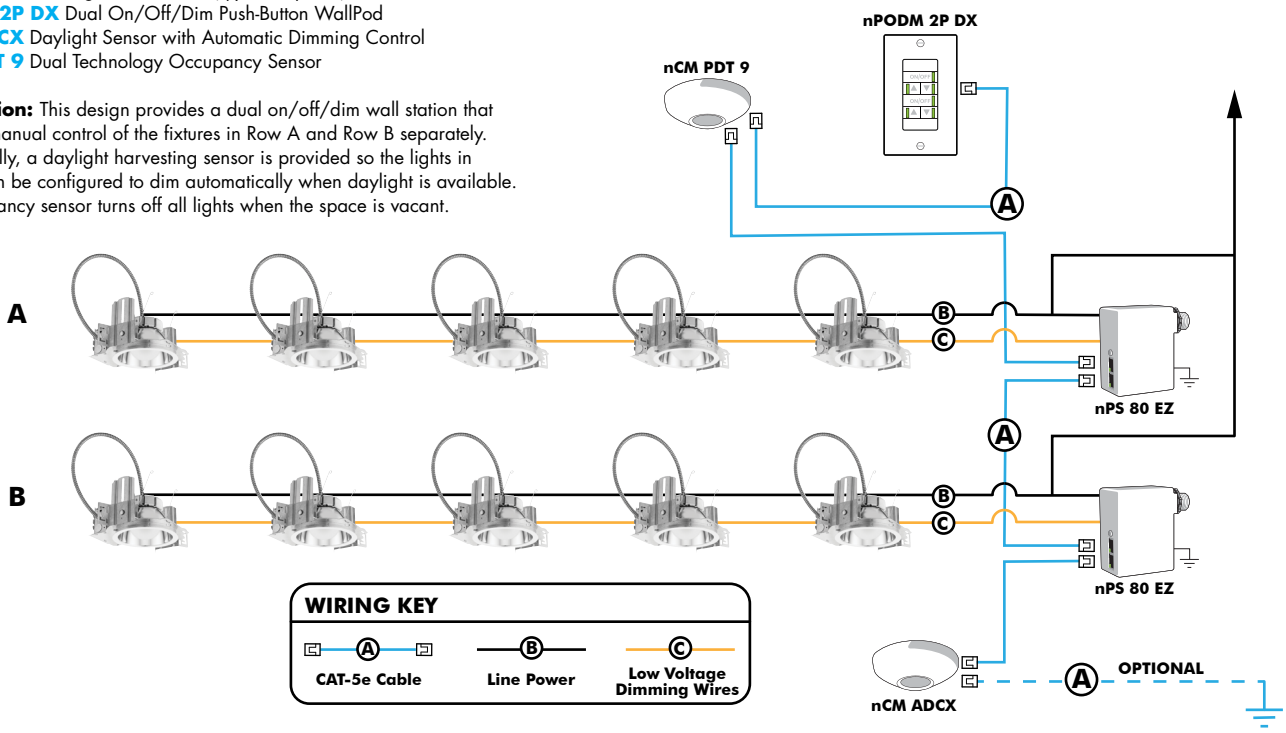
COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DVTV	
	Diva® DVSCTV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	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	

LDN6

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.



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

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