

City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506

Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

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

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

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

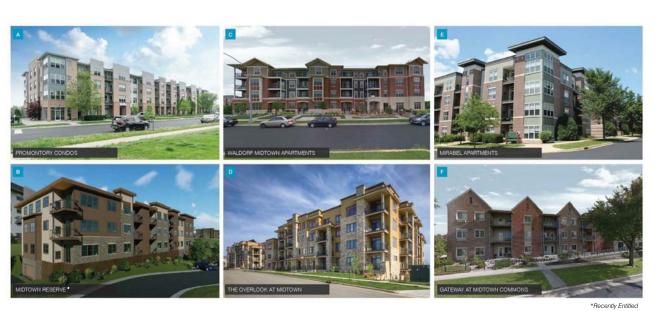
SITE LOCATOR MAP



VICINITY MAP



SITE CONTEXT



EXISTING CONTEXT

PRELIMINARY

CONSULTANT

JCAP REAL ESTATE

URBANWORKS

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NOT FOR CONSTRUCTION

LAND USE APPLICATION 01.08.2020 UDC INITIAL SUBMITTAL 01.08.2020

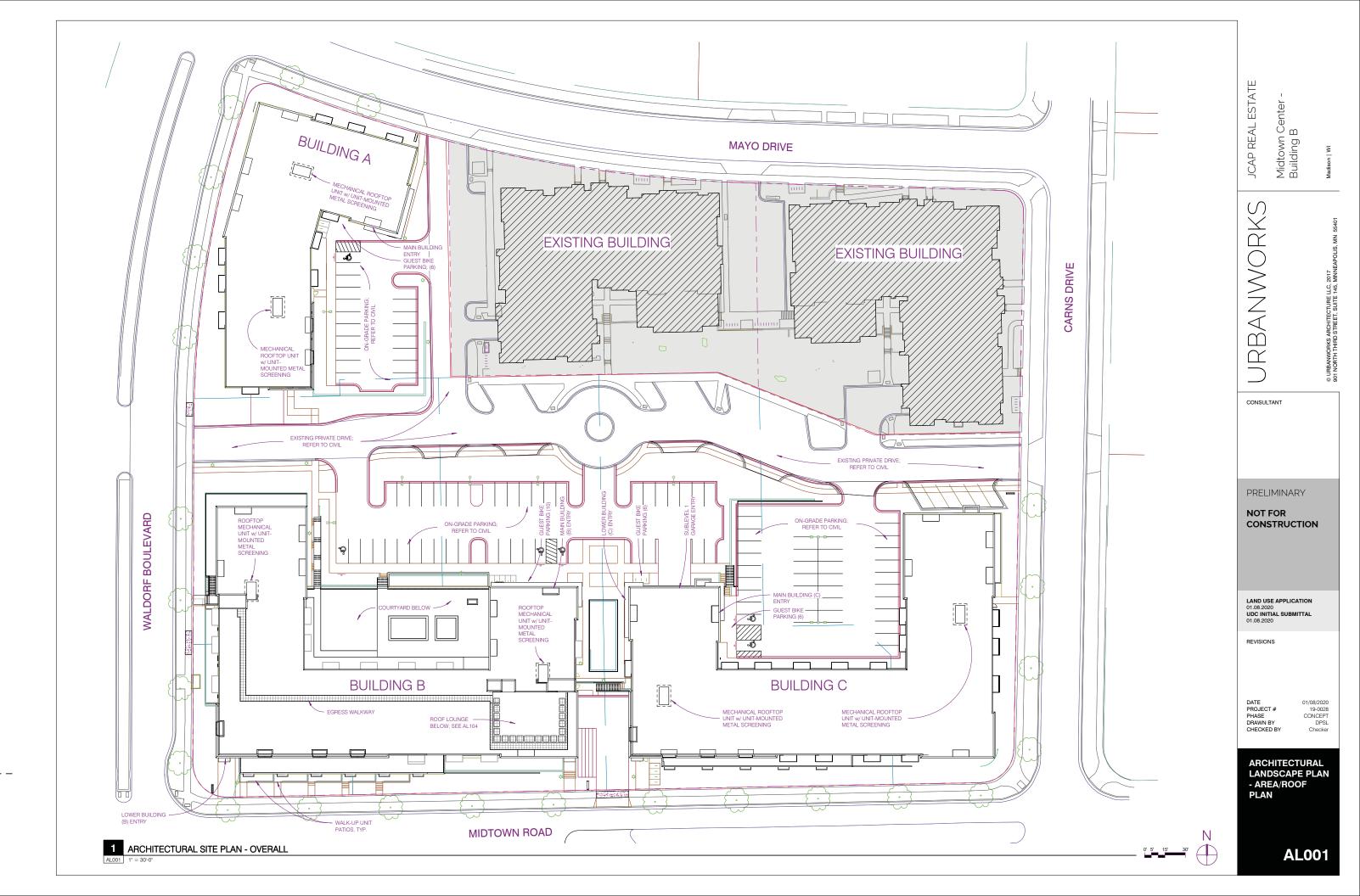
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DATE PROJECT # PHASE DRAWN BY CHECKED BY

01/08/2020 19-0028 CONCEPT Author Checker

LOCATOR MAP & CONTEXTUAL SITE INFORMATION

AL000A



. 2/28/2020 12C:\!Revit Project Files\19-0028 - Madison Midtown\19-0028 A20_BLDG B_NO RETAIL_devon.lundy.

2/28/2020 12C:\!Revit Project Files\!\9-0028 - Madison Midtown\19-0028 A20_BLDG B_NO RETAIL_devon.lundy.rvt

2/28/2020 12C:\tRevit Project Files\19-0028 - Madison Midtown\19-0028 A20 BLDG B NO RETAIL devon.lundy

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OVERALL PLAN -'LEVEL 1'

AL101

/28/2020 12C:\Revit Project Files\19-0028 - Madison Midtown\19-0028 A20_BLDG B_NO RETAIL_devon.lundy

1 AL104 - LEVEL 4 (BLDG A_LEVEL 4)

2/27/2020 2:-C::\Revit Project Files\19_0028 - Madison Midtown\19_0028 A20_BLDG A devon lindy of

- REFER TO G005 AND G006 FOR ADDITIONAL EXTERIOR MATERIAL KEYNOTE INFORMATION
 REFER TO SPECIFICATION FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a BRICK 1/3 RB NORMAN COLOR: BUFF; COLORED MORTAR
- FIBER CEMENT FLAT PANEL SIDING WHITE PAINT FIBERGLASS/COMPOSITE WINDOW COLOR: BLACK
- ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO
- MATCH ADJACENT MATERIAL
 COMPOSITE METAL PANEL CANOPY; COLOR TBD
- E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
 - METAL PARAPET CAP; COLOR BLACK
 - METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK FIBERGLASS SLIDING PATIO DOOR, 8-0° X 8-0°; COLOR BLACK
- E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT MATERIAL
 E28 BREAK-METAL REVEAL TO MATCH WINDOW

E28 E3b E7 E15 E7 E28 E8 E1a E16 ROOF 1147'-11 1/2" LEVEL 4 1137'-5 5/8" LEVEL 3 LEVEL 2 E10 E1a



3 BUILDING A - MAIN ENTRY ELEVATION

E8

E1a E16 E8 E17 E18

E7 E28

ROOF 1147-11 1/2"

LEVEL 4 1137'-5 5/8"

LEVEL 3 1126'-11 3/4"

LEVEL 2

1106'-0"

E14 E10



2 BUILDING A - EAST ELEVATION

1 BUILDING A - NORTH ELEVATION

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Midtown Center -Building A

01/08/2020

A302(A)

1 BUILDING A - EAST ELEVATION / COURTYARD

GENERAL EXTERIOR NOTES:

- REFER TO G005 AND G006 FOR ADDITIONAL EXTERIOR MATERIAL KEYNOTE INFORMATION
- REFER TO SPECIFICAITON FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

E1a BRICK - 1/3 RB NORMAN - COLOR: BUFF; COLORED MORTAR

E3b FIBER CEMENT FLAT PANEL SIDING - WHITE PAINT
E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK

E7 FIBERGLASS/COMPOSITE WINDOW - COLOR: BLACK
B4 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
B9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO
MATCH ADJACENT MATERIAL
B13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
B15 METAL PARAPET CAP; COLOR BLACK
METAL PARAPET CAP; COLOR BLACK
B16 METAL PARAPET CAP w/ 2-PART FRONT LEG; COLOR BLACK
B17 FIBERGLASS SLIDING PATIO DOOR, 8-0* X 8-0*; COLOR BLACK
BREAK-METAL REVEAL TO MATCH WINDOW

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Midtown Center -Building A

BANWORK $\overline{\alpha}$

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A 2/28/2020 REVISED

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BUILDING A ELEVATIONS

A303(A)





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Midtown Center -Building B

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BUILDING B ELEVATIONS

A304(B)



JCAP REAL ESTATE

Midtown Center -Building B

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BUILDING B ELEVATIONS

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A306(B)



KEYNOTES:

- E1a BRICK 1/3 RB NORMAN COLOR: BUFF; COLORED MORTAR
 E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER COLOR: GRAY
 E2 INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
- E2 INTEGRACULOR STOCK ST
 - ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
- ES ALDMINION DIALCONT WITH GLASS PAILINGS
 E9 MAGIC PAK LOUVER, CUSTOM COLOR METAL LOUVER TO MATCH
 ADJACENT MATERIAL
 E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
 ALDMINIUM BUILDING SIGNAGE; FACE MOUNTED TO ENTRY
 STRUCTURE
 E13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
- 113 OVEHHEAD GARAGE DOOR; COLOR: CHARCOAL
 114 ANODIZED ALUMINUM STOREPRONT: COLOR BLACK
 115 METAL PARAPET CAP; COLOR BLACK
 116 METAL PARAPET CAP w; 2-PART FRONT LEG; COLOR BLACK
 117 FIBERGLASS SLIDING PATIO DOOR, 8-0" X 8-0"; COLOR BLACK
 118 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT
 MATERIAL
- MA LEMAL

 22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM;
 COLOR BLACK

 E23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO
 CIVIL/LANDSCAPE
- CIVILLANUSCAPE

 27 SURFACE-MOUNTED GREENSCREEN PANEL; REFER TO
 LANDSCAPE

 28 BREAK-METAL REVEAL TO MATCH WINDOW

 E29 CAST-IN-PLACE CONCRETE RETAIINING WALL; REFER TO CIVIL

E3c E15 E3b E10 E7 E14 E1a E16 E28 E14 E7 E15 E17 E8 E9 E1a E16 UPPER ROOF 1143'-11 5/8" ROOF DECK 1133'-5 5/8" ROOF 1131'-5 5/8" LEVEL 3 LEVEL 2 1110'-5 7/8" LEVEL 1 LEVEL 1 LOBBY E14 E10 SUBLEVEL 1 1088'-0" E18 E13 1 BUILDING B - EAST ELEVATION



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REFER TO SPECIFICAITON FOR DETAILED EXTERIOR MATERIAL INFORMATION

KEYNOTES:

- E1a BRICK 1/3 RB NORMAN COLOR: BUFF; COLORED MORTAR
 E1b EXTERIOR FINISH COLORED CONCRETE WITH FORM LINER COLOR:
 GRAY
- E2 INTEGRAL-COLOR STUCCO SYSTEM; COLOR TBD
- E2 STUCCO ACCENT JOINT
 E3b FIBER CEMENT FLAT PANEL SIDING WHITE PAINT
 E5 PREFINISHED MECHANICAL LOUVER
 E7 FIBERGLASS/COMPOSITE WINDOW COLOR: BLACK
- E7 FIBERGLASS/COMPOSITE WINDOW COLOR: BLACK
 E8 ALUMINUM HUNG BALCONY WITH GLASS RAILINGS
 E9 MAGIC PAK LOUVER; CUSTOM COLOR METAL LOUVER TO MATCH
 ADJACENT MATERIAL
 E10 COMPOSITE METAL PANEL CANOPY; COLOR TBD
 E13 OVERHEAD GARAGE DOOR; COLOR: CHARCOAL
 E14 ANODIZED ALUMINUM STOREFRONT; COLOR BLACK
 E15 METAL PARAPET CAP; COLOR BLACK
 E16 METAL PARAPET CAP; COLOR BLACK
 E17 FIBERGLASS SUDING PATIO DOOR, 8'0' X 8'-0'; COLOR BLACK
 E18 INSULATED HOLLOW METAL DOOR; PAINT TO MATCH ADJACENT
 MATERIAL
 E22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLC
- MATERIAL

 22 GALVANIZED & POWDER-COATED METAL GUARDRAIL SYSTEM; COLOR
 BLACK

 23 CAST-IN-PLACE CONCRETE SITE STAIRS; REFER TO CIVIL/LANDSCAPE

 BREAK-METAL REVEAL TO MATCH WINDOW



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CONSULTANT

Midtown Center-Building C

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01/08/2020

BUILDING C ELEVATIONS

A309(C)

1 BUILDING C - EAST ELEVATION

A309(C) 3/32" = 1'-0"

01/08/2020 19-0028 CONCEPT LM DPSL

DP

BUILDING PERSPECTIVE VIEWS

A354



BUILDING B FROM CORNER OF MIDTOWN ROAD & WALDORF BOULEVARD



BUILDING A @ CORNER OF MAYO DRIVE & WALDORF BOULEVARD



BUILDING A - INSIDE CORNER



BUILDING B ROOF DECK & BUILDING B/C DOG RUN



VIEW INTO SITE @ BUILDING A - FROM MAYO DRIVE



FULL SITE BUILDOUT - WITH NEIGHBORHOOD CONTEXT

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A355





BUILDING C @ CORNER OF MIDTOWN ROAD & CARNS DRIVE



VIEW FROM NORTH - BUILDING B / C LINK



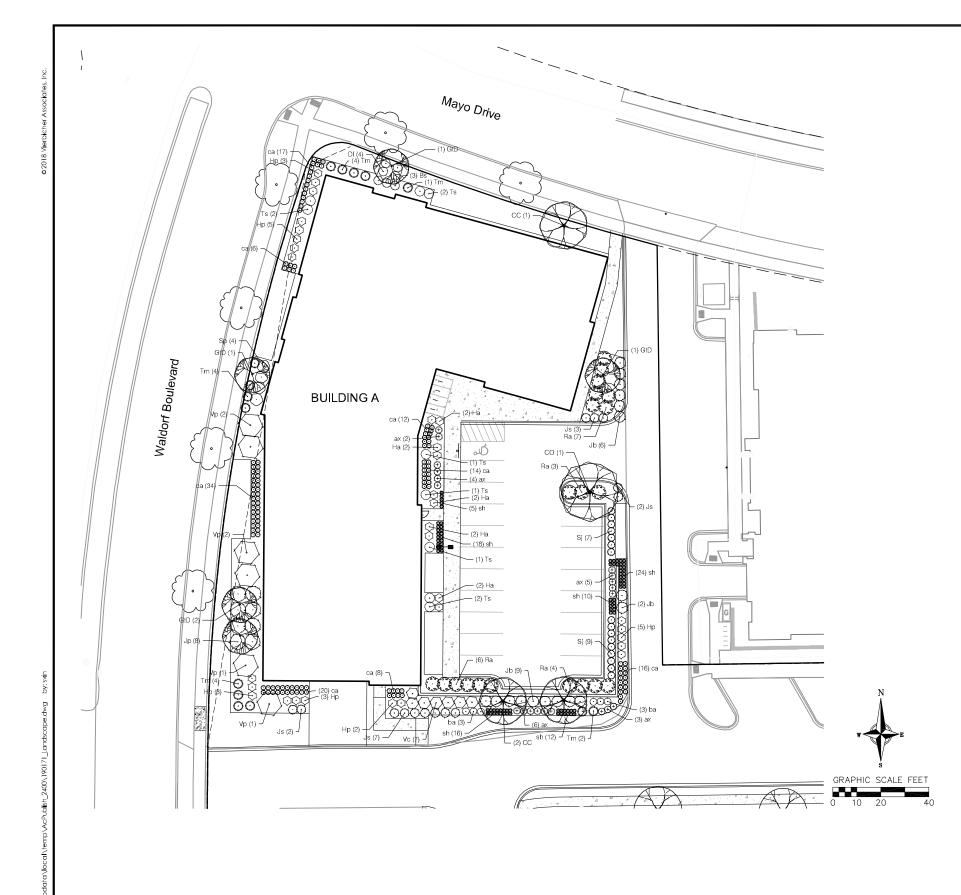
VIEW INTO SITE @ BUILDING C FROM CARNS DRIVE



BUILDING B AMENITY DECK



VIEW INTO SITE @ BUILDING B FROM WALDORF BOULEVARD



PLANT SCHEDULE BUILDING A

DECIDUOUS TREES	BOTANICAL / COMMON NAME	CONT	<u>CAL</u>	<u>QTY</u>
CO	Celtis occidentalis / Common Hackberry	B & B	2\"Cal	1
GtD	Gleditsla triacanthos `Draves` / Street Keeper Honey Locust	B & B	2.5\"Cal	5
UNDERSTORY TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
CC	Carpinus caroliniana / American Hornbeam	B & B	2\"Ca	3
DECIDUOUS SHRUBS DI Ha Hp Ra SJ Sp Vc Vp	BOTANICAL / COMMON NAME Diervilla Ionicera / Dwarf Bush Honeysuckle Hydrangea arborescens - Annabelle ' / Annabelle Smooth Hydrangea Hydrangea paniculata ' Jane' / Little Lime Hydrangea Rhus aromatica ' Gro-Low ' / Gro-Low Fragrant Sumac Spłraea Japonica ' Magic Carpet ' / Nagic Carpet Spirea Syringa patula ' Miss Kim' / Miss Kim Lilac Viburnum cassinoides / Viburnum Viburnum prunifolum ' Forest Rouge' / Blackhaw Viburnum	SIZE 3 gal 5 gal 5 gal 3 gal 3 gal 7 gal 5 gal	FIELD2 Cont Cont Cont Cont Cont Cont Cont Cont	QTY 4 10 21 20 16 4 7 6
EVERGREEN SHRUBS BS Jp Js Jb Tm Ts	BOTANICAL / COMMON NAME Buxus sinica insularis "Wintergreen" / Wintergreen Korean Littleleaf Boxwood Juniperus chinensis "Pitzerana Kallays Compacta" / Kallay Pfitzer Compact Juniper Juniperus sabina "Blue Forest" / Blue Forest Juniper Juniperus sabina "Buffalo" / Buffalo Juniper Taxus x media "Everlow" / Yew Thuja occidentalis "Smaragd" / Emerald Green Arborvitae	<u>SIZE</u> 5 gal 5 gal 5 gal 5 gal 5 gal 15 gal	FIELD2 Cont Cont Cont Cont Cont Cont	QTY 3 8 14 17 15
PERENNIALS	BOTANICAL / COMMON NAME	SIZE	FIELD2	<u>QTY</u>
ax	Amsonla x `Blue Ice` / Blue Ice Bluestar	4\" pot	Cont	20
ba	Baptisla australis / Blue Wild Indigo	4\" pot	Cont	6
ca	Calamagrostis x acutifiora `Karl Foerster` / Feather Reed Grass	4\" pot	Cont	127
sh	Sporobolus heterolepis / Prairie Dropseed	4\" pot	Cont	85

City of Madison Landscape W	orksheet									
Address:	Midtown Center Building	A	Date:	02.28.2020						
Total Square Footage of Deve	eloped Area:	(Site Area)	35655	-	(Building F Gra		17113	=	18542	sf
Total Landscape Points Requi	red (<5 ac):	18,542	/ 300 =	62	x 5 =	309				
Lansdo	ape Points Requried >5 ac:	0	/ 100 =	0	x 1 =	-	309			
				Existing caping	New/ P					
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved				
Overstory deciduous tree	2.5" cal	35	6	210		0				
Tall Evergreen Tree	5-6 feet tall	35		0		0				
Ornamentaltree	1.5" cal	15	3	45		0				
Upright evergreen shrub	3-4 feet tall	10	9	90		0				
Shrub, deciduous	#3 gallon container size, Min. 12-24	3	88	264		0				
Shrub, evergreen	#3 gallon container size, Min. 12-24"	4	57	228		0				
Ornamental grasses/perennials	#1 gallon container size, Min. 8-18"	2		0		0				
Ornamental/decorative fencing or wall	n/a	4 per 10 LF		0		0				
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch. Max. points per tree: 200		0		0				
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		0				
Sub Totals				837		0				
			Total P	oints Provided:	837					

GENERAL NOTES:

- 1. All plantings shall conform to quality requirements as per ANSI Z60.1.
- 2. All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climactic conditions similar to those of the project site.

 3. Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
- 4. All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by LaCrosse Seed Company or
- equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply $\frac{1}{2}$ water twice weekly until final
- acceptance.

 5. All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation.

 All plant material shall be guaranteed for one year from the time of installation.
- 6. Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
- 7. Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min. and edged with commercial grade aluminum landscape edging, Permaloc CleanLine $\frac{2}{16}$ ''x 4" or equal, color black anodized . **8.** Street tree species, quantities, and locations to be determined in cooperation with City Forestry.



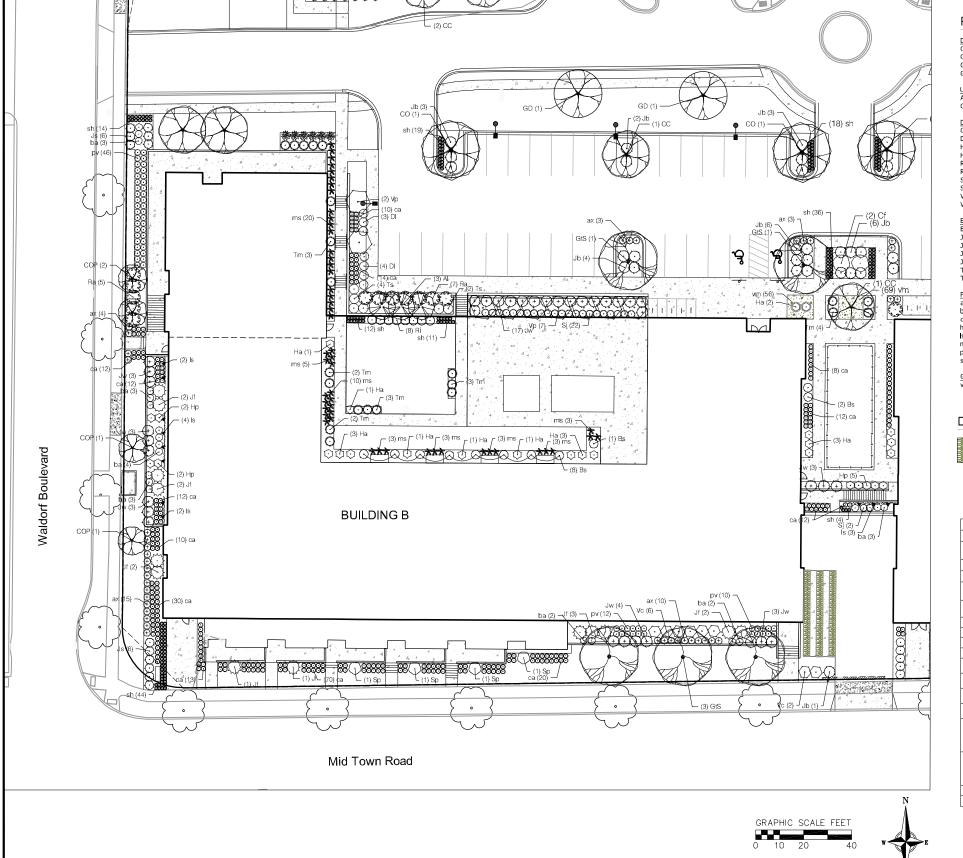
Vierbicher

Landscape Plan - Building A
Midtown Center, Lot 1, Lots 4-7 & Outlot 1

Madison

Dane County Wit-AS SHOWN 02/28/2020 ROJECT NO. 190171

101



PLANT SCHEDULE BUILDING B

DECIDUOUS TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE		QTY
CO	Celtis occidentalis / Common Hackberry	B & B	2∖"Ca	_		2
COP	Celtis occidentalis `Prairie Sentinel` / Prairie Sentinel Hackberry	B & B	2\"Ca			4
GtS	Gleditsia triacanthos inermis `Skycole` TM / Skyline Thomless Honey Locust	B & B	2.5\'Ca			5
GD	Gymnocladus dioica `True North` / True North Kentucky Coffeetree	B & B	2\"Ca			2
UNDERSTORY TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE		QTY
Al	Amelanchier laevis / Allegheny Serviceberry	B & B		7`ht. multi stem		3
CC	Carpinus caroliniana / American Hornbeam	B & B	2∖"Ca			4
DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3		QTY
Cf	Calycanthus floridus / Sweet Shrub	5 gal	Cont			2
Dİ	Diervilla lonicera / Dwarf Bush Honeysuckle	3 gal	Cont			7
На	Hydrangea arborescens `Annabelle` / Annabelle Smooth Hydrangea	5 gal	Cont			16
- Ip	Hydrangea paniculata `Jane` / Little Lime Hydrangea	5 ga	Cont			9
Ra	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	3 ga	Cont			12
રા	Ribes alpinum `Green Mound` / Green Mound Alpine Currant	3 ga	Cont			8
S]	Spiraea Japonica `Magic Carpet` / Magic Carpet Spirea	3 ga	Cont			24
Sp	Syringa patula `Miss Kim` / Miss Kim Lilac	7 gal	Cont			4
Vc	Viburnum cassinoides / Viburnum	5 ga	Cont			8
Vp	Vlburnum prunifolium `Forest Rouge` / Blackhaw Vlburnum	10 ga	Cont			9
EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3		QTY
Bs	Buxus sinica insularis `Wintergreen` / Wintergreen Korean Littleleaf Boxwood	5 ga	Cont			11
Jf	Juniperus chinensis `Fairview` / Fairview Juniper	10 ga	Cont			13
Jw	Juniperus horizontalis `Wiltonii` / Blue Rug Juniper	5 gal	Cont			36
ls .	Juniperus sabina `Blue Forest` / Blue Forest Juniper	5 ga	Cont			12
Jb	Juniperus sabina `Buffalo` / Buffalo Juniper	5 ga	Cont			25
Tm	Taxus x media `Everlow` / Yew	5 gal	Cont			22
Ts	Thuja occidentalis `Smaragd` / Emerald Green Arborvitae	15 ga	Cont			6
PERENNIALS	BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3		QTY
ax	Amsonia x `Blue Ice` / Blue Ice Bluestar	4\" pot	Cont			35
ba	Baptisia australis / Blue Wild Indigo	4\" pot	Cont			20
ca	Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass	4\" pot	Cont			235
hx	Hosta x `Blue Angel` / Plantain Lily	1 ga	Cont			6
İs	Lonicera sempervirens `Major Wheeler` / Honeysuckle	4\" pot	Cont			11
ms	Matteuccia struthiopteris / Ostrich Fern	4\" pot	Cont			51
þν	Panicum virgatum `Heavy Metal` / Blue Switch Grass	4\" pot	Cont			62
sh	Sporobolus heterolepis / Prairie Dropseed	4\" pot	Cont			158
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
vm	Vinca minor / Common Periwinkle	flat	2\" pot		15" o.c.	186 sf

DECORATIVE PAVING SCHEDULE BUILDING B



GRASS PAVERS 288 sf

City of Madison Landscape W	OIKSHEEL									
Address:	Midtown Center Building	В	Date:	02.28.2020						
Total Square Footage of Deve	eloped Area:	(Site Area)	90823	-	(Building Footprint at Grade)		37360	=	53463	sf
Total Landscape Points Requi	red (<5 ac):	53,463	/ 300 =	178	x 5 =	891	891			
Lansdo	ape Points Requried >5 ac:	0	/ 100=	0	x 1 =		891			
				Existing caping	New/ Pr Lands					
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved				
Overstory deciduous tree	2.5" cal	35	13	455		0				
Tall Evergreen Tree	5-6 feet tall	35		0		0				
Ornamentaltree	1.5" cal	15	7	105		0				
Upright evergreen shrub	3-4 feet tall	10	19	190		0				
Shrub, deciduous	#3 gallon container size, Min. 12-24	3	99	297		0				
Shrub, evergreen	#3 gallon container size, Min. 12-24"	4	106	424		0				
Ornamental grasses/perennials	#1 gallon container size, Min. 8-18"	2		0		0				
Ornamental/decorative fencing or wall	n/a	4 per 10 LF		0		0				
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch. Max. points per tree: 200		0		0				
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		o				
Sub Totals				1471		0				
			Total D	oints Provided:	1471					

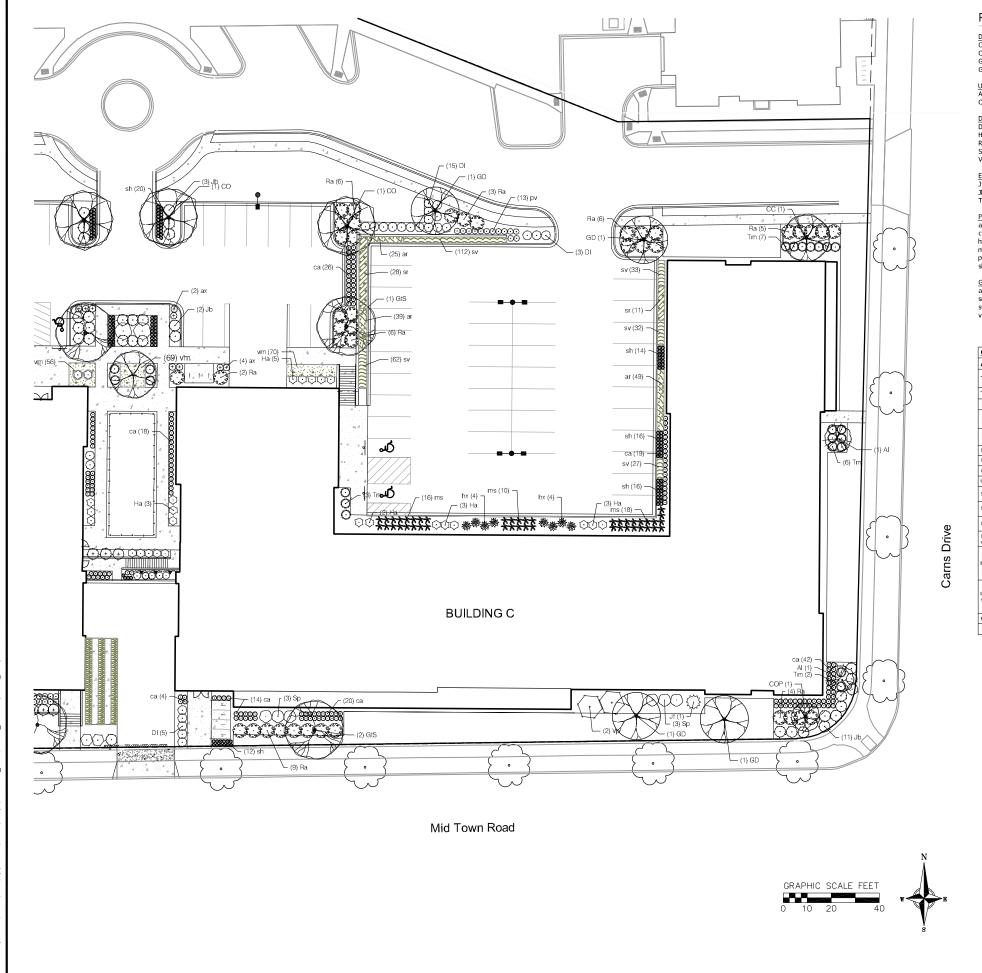
Ruilding R		Midtown Center, Lot 1, Lots 4-7 & Outlot 1	Madison	Dane County, Wisconsin							
REVISIONS	REMARKS NO. DATE REMARKS	1	_	_							
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PROJECT NO. 190171

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PLANT SCHEDULE BUILDING C

BOTANICAL / COMMON NAME Celtis occidentalis / Common Hackberry Celtis occidentalis 'Prairie Sentinel' / Prairie Sentinel Hackberry Celtis occidentalis 'Prairie Sentinel' / Prairie Sentinel Hackberry Gleditsia triacanthos inermis 'Skycole' TM / Skyline Thornless Honey Locust Gymnocladus dlolca 'True North' / True North Kentucky Coffeetree	CONT B & B B & B B & B B & B	CAL 2\"Cal 2\"Cal 2.5\"Cal 2\"Cal	SIZE		QTY 2 1 2 4
BOTANICAL / COMMON NAME Amelanchier laevis / Allegheny Serviceberry Carpinus caroliniana / American Hombeam	CONT B & B B & B	<u>CAL</u> 2\"Cal	SIZE 7`ht. multi stem		QTY 2 1
BOTANICAL / COMMON NAME Diervilla Ionicera / Dwarf Bush Honeysuckle Hydrangea arborescens `Annabelle` / Annabelle Smooth Hydrangea Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac Syringa patula `Miss Kim / Miss Kim Ulac Viburnum prunifollum `Forest Rouge` / Blackhaw Viburnum	<u>SIZE</u> 3 gal 5 gal 3 gal 7 gal 10 gal	FIELD2 Cont Cont Cont Cont Cont	FIELD3		QTY 23 16 40 6 2
BOTANICAL / COMMON NAME Juniperus chinensis `Fairvlew` / Fairvlew Juniper Juniperus sabina `Buffalo` / Buffalo Juniper Taxus x media `Everlow` / Yew	<u>SIZE</u> 10 gal 5 gal 5 gal	FIELD2 Cont Cont Cont	FIELD3		QTY 1 16 18
BOTANICAL / COMMON NAME Amsonla x 'Blue Ice' / Blue Ice Bluestar Calamagrosts x acuttifora ' Karl Foerster' / Feather Reed Grass Hosta x 'Blue Angel' / Plantain Lily Matteuccia struthiopteris / Ostrich Fern Panicum vingatum ' Heavy Metal' / Blue Switch Grass Sporobolus heterolepis / Prairle Dropseed	SIZE 4\" pot 4\" pot 1 gal 4\" pot 4\" pot 4\" pot 4\" pot	FIELD2 Cont Cont Cont Cont Cont Cont	FIELD3		QTY 6 143 8 44 13 78
BOTANICAL / COMMON NAME Ajuga reptans `Chocolate Chip' / Chocolate Chip Carpet Bugle Sedum rupestre `Angelina` / Yellow Stonecrop Sedum x `Vera Jameson` / Vera Jameson Sedum Vinca minor / Common Periwinkle	CONT flat flat flat flat	FIELD2 2\" pot 2\" pot 2\" pot 2\" pot	FIELD3	SPACING 15" o.c. 24" o.c. 12" o.c. 15" o.c.	QTY 113 39 266 70
	Celtis occidentalis / Common Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis in Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis in Prairie Sentinel / Prairie Sentinel Hackberry Gleditsia triacanthos inermis 'Skycole' TM / Skyline Thornless Honey Locust Gymnocladus dlotca 'True North' / True North Kentucky Coffeetree BOTANICAL / COMMON NAME Amelanchier laevis / Allegheny Serviceberry Carpinus caroliniana / American Hornbeam BOTANICAL / COMMON NAME Diervilla lonicera / Dwarf Bush Honeysuckle Hydrangea arborescens 'Annabelle' / Annabelle Smooth Hydrangea Rhus aromatica 'Gro-Low 'For-Low Fragrant Sumac Syringa patula' Miss Kim ' / Miss Kim Lilac Viburnum prunifollum 'Forest Rouge' / Blackhaw Viburnum BOTANICAL / COMMON NAME Juniperus chinensis 'Fairview' / Fairview Juniper Juniperus chinensis 'Fairview' / Fairview Juniper Taxus x media 'Everlow' / Yew BOTANICAL / COMMON NAME Amsonla x 'Blue Toe' / Blue Ice Bluestar Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass Hosta x 'Blue Angel ' Pflantain Lily Matteuccia struthiopteris / Ostrich Fern Panicum virgatum 'Heavy Netal' / Blue Switch Grass Sporobolus heterolepis / Prairie Dropseed BOTANICAL / COMMON NAME Ajuga reptans 'Chocolate Chip' / Chocolate Chip Carpet Bugle Sedum rupestre 'Angellna' / Yellow Stonecrop Sedum s' Vera Jameson' / Ve	Celtis occidentalis / Common Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Gleditsia triacanthos inermis 'Skycole' Th/ / Skyline Thorniess Honey Locust Bymnocladus diolac 'True North' / True North Kentucky Coffeetree B & B B & B B & B B & B BOTANICAL / COMMON NAME Amelanchier laevis / Allegheny Serviceberry Carpinus caroliniana / American Hornbeam B & B BOTANICAL / COMMON NAME Diervilla Ionicera / Dwarf Bush Honeysudde Hydrangea arborescens 'Annabelle / Annabele Smooth Hydrangea Syrlaga patula 'Miss Kim' / Miss Kim Llac Y gal Syrlnga patula 'Miss Kim' / Miss Kim Llac Y gal Syrlnga patula 'Miss Kim' / Miss Kim Llac Y gal Yuburnum prunifolium 'Forest Rouge' / Blackhaw Viburnum Doranical / COMMON NAME Juniperus schinensis 'Fairvlew' / Fairvlew Juniper Juniperus schinensis 'Fairvlew' / Fairvlew Juniper Juniperus schinensis 'Fairvlew' / Fairvlew Juniper S gal Taxus x media 'Everlow' / Yew S gal BOTANICAL / COMMON NAME Amsonla x 'Blue Toe' / Blue Toe Bluestar Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass Al' pot Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass Al' pot Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass Al' pot Potantum virgatum 'Heavy Metal' / Blue Switch Grass Sporobolus heterolepis / Prairle Dropseed BOTANICAL / COMMON NAME Aluga reptans 'Chocolate Chip' / Chocolate Chip Carpet Bugle Sedum rupestre 'Angellna' / Yellow Stonecrop Flat Sedum rupestre 'Angellna' / Yellow Stonecrop Flat Sedum rupestre 'Angellna' / Yellow Stonecrop Flat Sedum 'Yeva Jameson of 'Yera Jameson Sedum 'Falt	Celtis occidentalis / Common Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis in Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis in Prairie Sentinel / Prairie Sentinel Hackberry Gleditsia triacanthos inermis 'Skycole 'TM / Skyline Thomless Honey Locust B & B & Z\'Cal Gymnocladus diotac 'True North / True North Kentucky Coffeetree B & B & Z\'Cal BOTANICAL / COMMON NAME Amelanchier leavis / Allegheny Serviceberry Carpinus caroliniana / American Hornbeam B & B & Z\'Cal BOTANICAL / COMMON NAME Diervilla Ionicera / Dwarf Bush Honeysuckle Hydrangea arborescens 'Annabelle' / Annabelle Smooth Hydrangea Fibus aromadica 'Gro-Low 'Fagrant Sumac 3 gal Cont Syringa patula 'Miss kim '/ Miss kim Lilac Viburnum prunifollum 'Forest Rouge' / Blackhaw Viburnum 10 gal Cont Syringa patula 'Miss kim '/ Miss kim Lilac Viburnum prunifollum 'Forest Rouge' / Blackhaw Viburnum 10 gal Cont Juniperus chinensis 'Fairview' / Fairview Juniper 10 gal Cont Taxus x media 'Everlow' / Yew 5 gal Cont Taxus x media 'Everlow' / Yew BOTANICAL / COMMON NAME Amsonla x 'Blue Tce' / Blue Tce Bluestar Calamagnostis x acutiflora 'Karl Foerster' / Feather Reed Grass 4\" pot Cont Calamagnostis x acutiflora 'Karl Foerster' / Feather Reed Grass 4\" pot Cont Nota x 'Blue Angel' / Plantain Lily Matteuccia struthiopteris / Ostrich Fern Panicum virgatum 'Heavy Metal' / Blue Switch Grass Sporobolus heterolepis / Prairle Dropseed BOTANICAL / COMMON NAME Ajuga reptans 'Chocolate Chip' / Chocolate Chip Carpet Bugle File Z '\" pot Sedum rupestre 'Angellna' / Yellow Stonecrop File Z '\" pot Sedum rupestre 'Angellna' / Yellow Stonecrop File Z '\" pot Sedum rupestre 'Angellna' / Yellow Stonecrop File Z '\" pot Sedum rupestre 'Angellna' / Yellow Stonecrop File Z '\" pot Sedum rupestre 'Angellna' / Yellow Stonecrop File Z '\" pot Sedum x 'Vera Jameson' / Vera Jam	Celtis occidentalis / Common Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Celtis occidentalis / Prairie Sentinel / Prairie Sentinel Hackberry Gleditsia triacanthos inermis 'Skycole 'TM / Skyline Thornless Honey Locust Bymnocladus dioloca 'True North' / True North Kentucky Coffeetree BOTANICAL / COMMON NAME Amelanchier laevis / Allegheny Serviceberry Carpinus caroliniana / American Hornbeam BOTANICAL / COMMON NAME Diervilla Ionicera / Dwarf Bush Honeysuckle Hydrangea arborescens 'Annabelle' / Annabele Smooth Hydrangea Syringa patula 'Miss Kim' / Gro- Low Fragrant Sumac Syringa patula 'Miss Kim' / Miss Kim Lilac Viburnum prunifolium 'Forest Rouge' / Blackhaw Viburnum BOTANICAL / COMMON NAME Juniperus chinensis 'Fairvlew' / Fairvlew Juniper 10 gal Cont Juniperus Sabina 'Buffalo' / Buffalo Juniper Taxus x media 'Everlow' / Yew BOTANICAL / COMMON NAME Amsonla x 'Blue Ice' 'Blue Ice Bluestar Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass Al' 'P pot Cont Cont Matteuccia struthiopteris / Ostrich Fern Panicum virgatum 'Heavy Metal' / Blue Switch Grass Al' pot Cont BOTANICAL / COMMON NAME Alle Mary Metal' / Blue Switch Grass Al' Pot Cont Panicum virgatum 'Heavy Metal' / Blue Switch Grass Al' pot Cont BOTANICAL / COMMON NAME Aljuga reptans 'Chocolate Chip' / Chocolate Chip Carpet Bugle Sedum rupestre 'Angellina' / Yellow Stonecrop Field 'Yero I acut Sedum vivera Jameson' / Vera Jameson' Sedum Field 'Yer Jor t Field 'Z' pot Celtis occidentalis / Common Hackberry Celtis occidentalis / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Prairie Sentinel * / Skycloe * TM / Skyfine Thornless Honey Locust Gymnocladus diolac * True North * / True North Kentucky Coffeetree BOTANICAL / COMMON NAME	

City of Madison Landscape Wo	orksheet									
Address:	Midtown Center Building	С	Date:	02.28.2020						
Total Square Footage of Deve	loped Area:	(Site Area)	85398	-	(Building F		29864	=	55534	sf
Total Landscape Points Requi	red (<5 ac):	55,534	/ 300 =	185	x 5=	926				
Lansdo	ape Points Requried >5 ac:	0	/ 100 =	0	x 1=	-	926			
				Existing caping	New/ Proposed Landscaping					
Plant Type/ Element	Min. Size at Installation	Points	Quantity	Points Achieved	Quantity	Points Achieved				
Overstory deciduous tree	2.5° cal	35	9	315		0				
Tall Evergreen Tree	5-6 feet tall	35		0		0				
Ornamental tree	1.5' cal	15	3	45		0				
Upright evergreen shrub	3-4 feet tall	10	1	10		0				
Shrub, deciduous	#3 gallon container size, Min. 12-24	3	87	261		0				
Shrub, evergreen	#3 gallon container size, Min. 12-24	4	34	136		0				
Ornamental grasses/perennials	#1 gallon container size, Min. 8-18"	2	8	16		0				
Ornamental/decorative fending or wall	n/a	4 per 10 LF		0		0				
Existing significant specimen tree	Min. Size 2.5" cal. Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch. Max. points per tree: 200		0		0				
Landscape Furniture for public seating and/or transit connections	Furniture must be within developed area, publicly accessible, and cannot comprise more than 5% of total required points	5 points per "seat"		0		0				
Sub Totals				783		0				
			Total P	oints Provided:	783					

Landscape Plan - Building C Midtown Center, Lot 1, Lots 4-7 & Outlot 1 Madison Dane County, Wisconsin

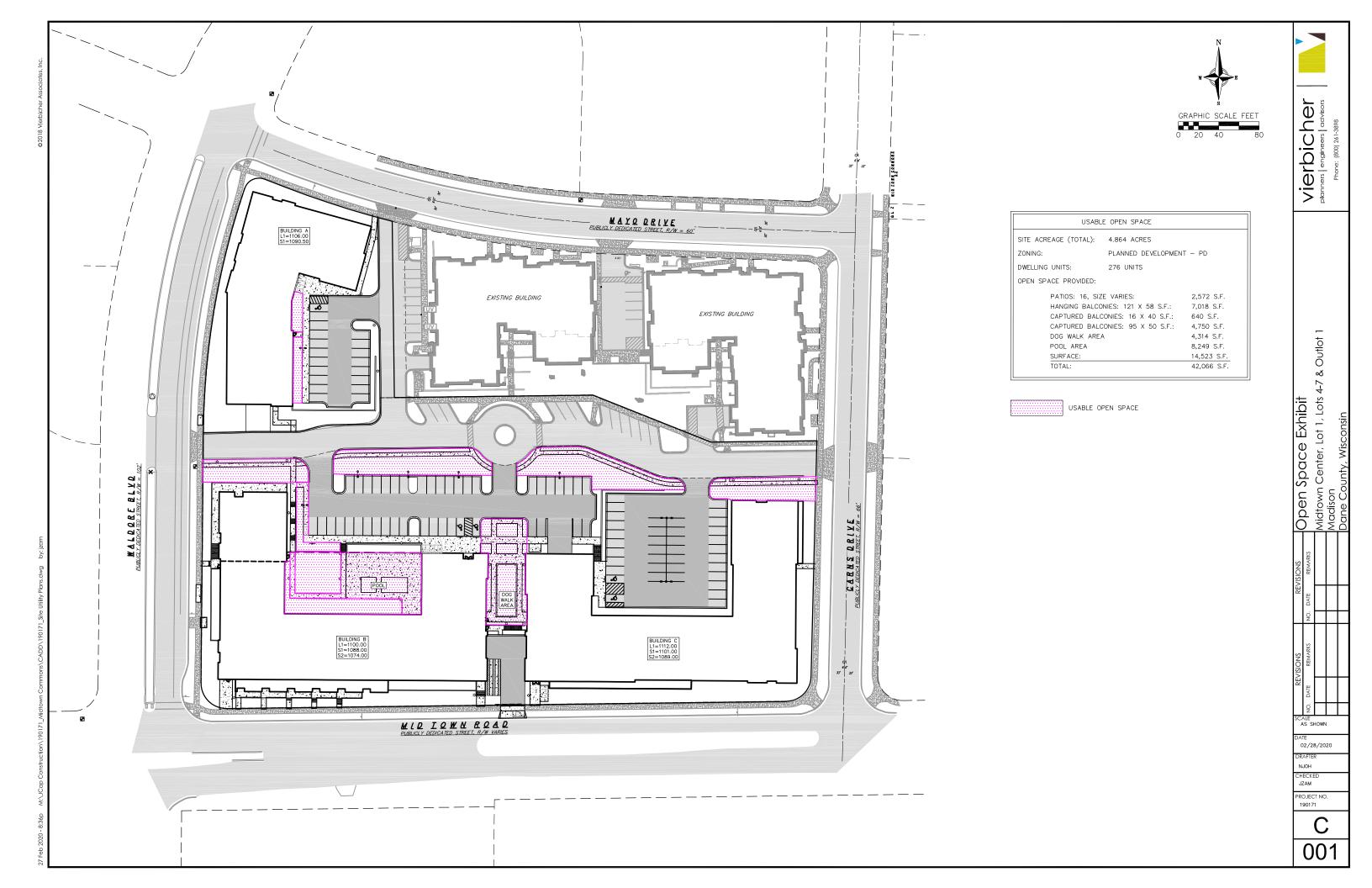
Vierbicher planners | engineers | advisors

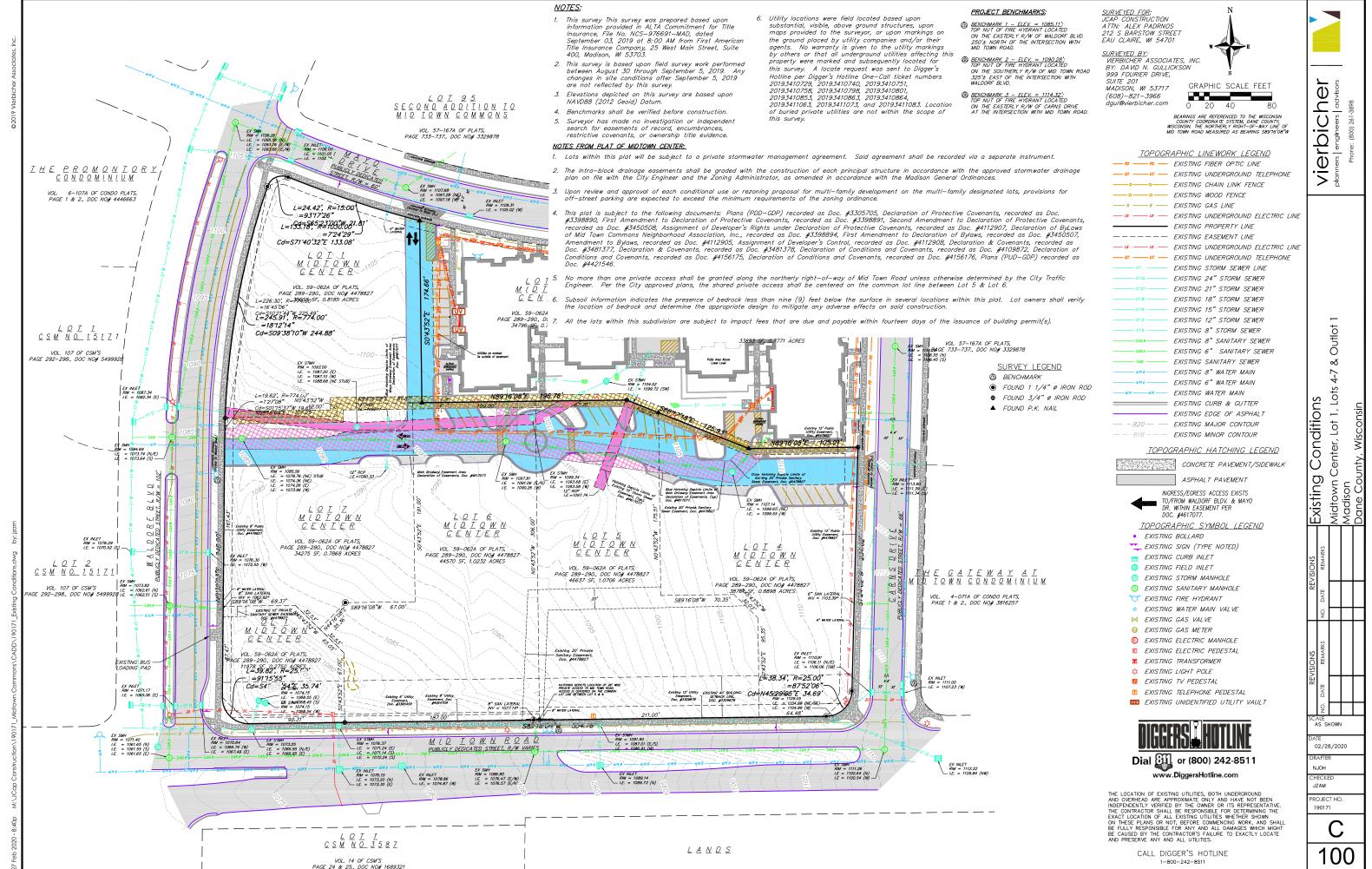
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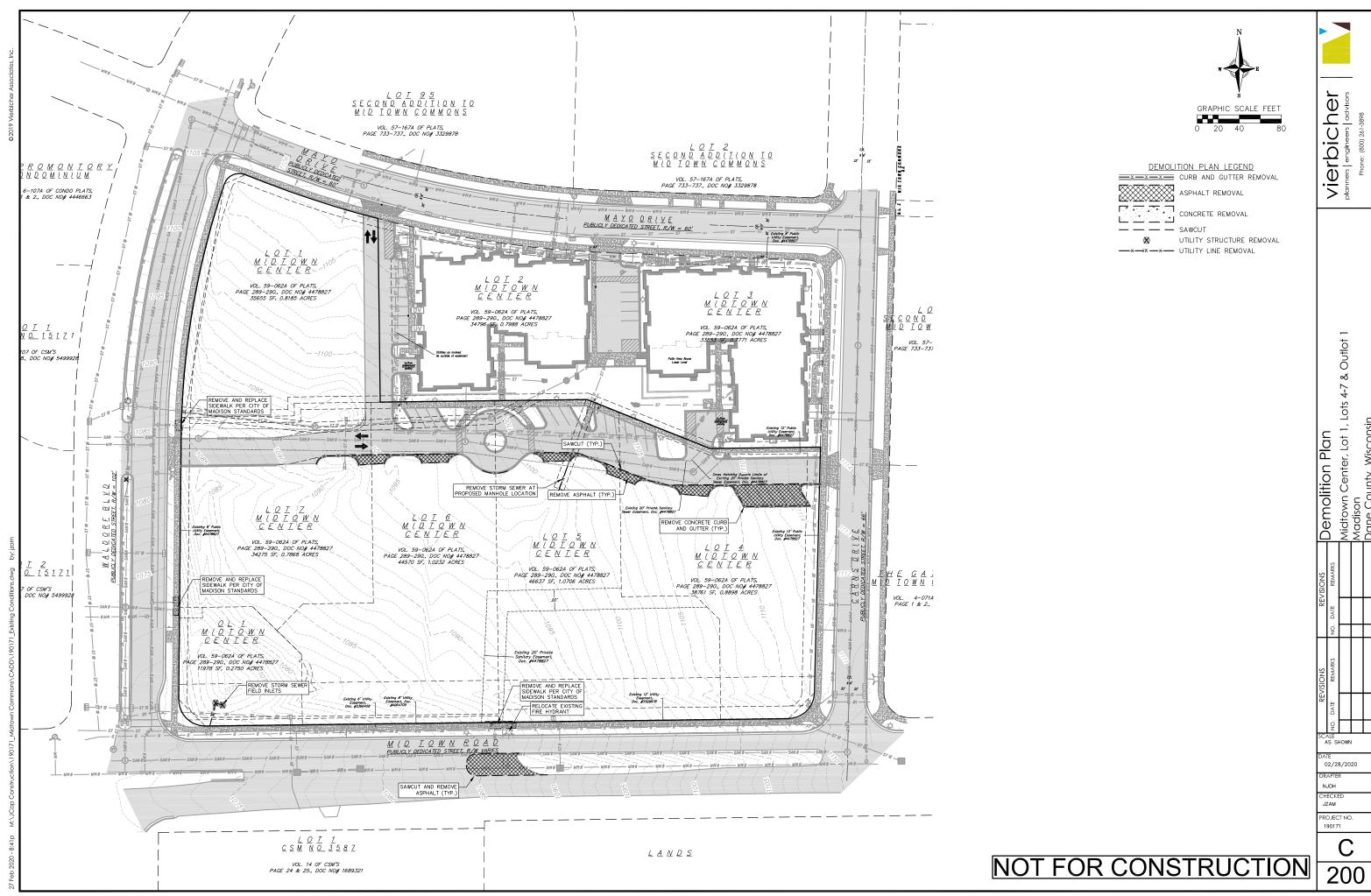
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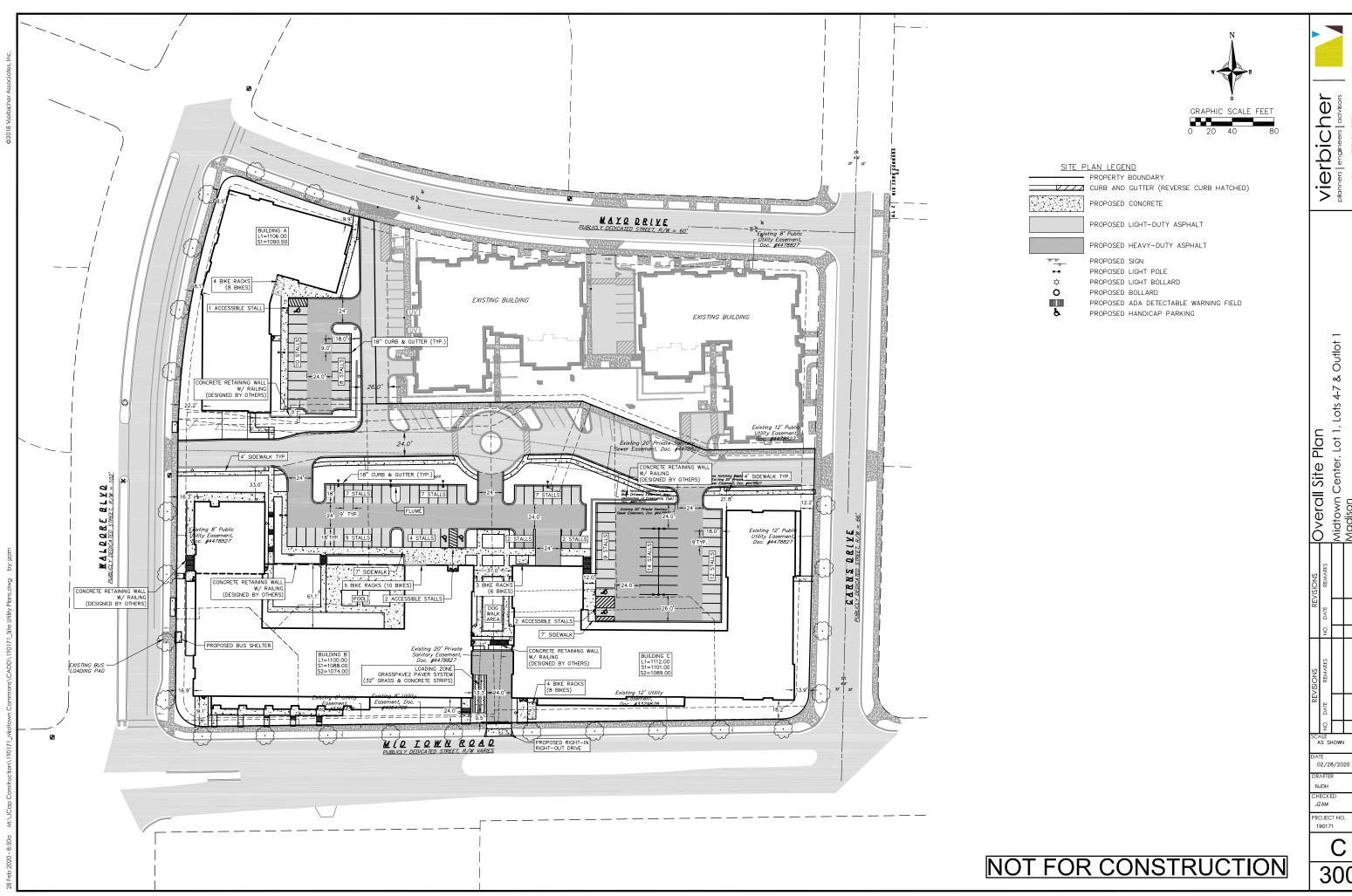
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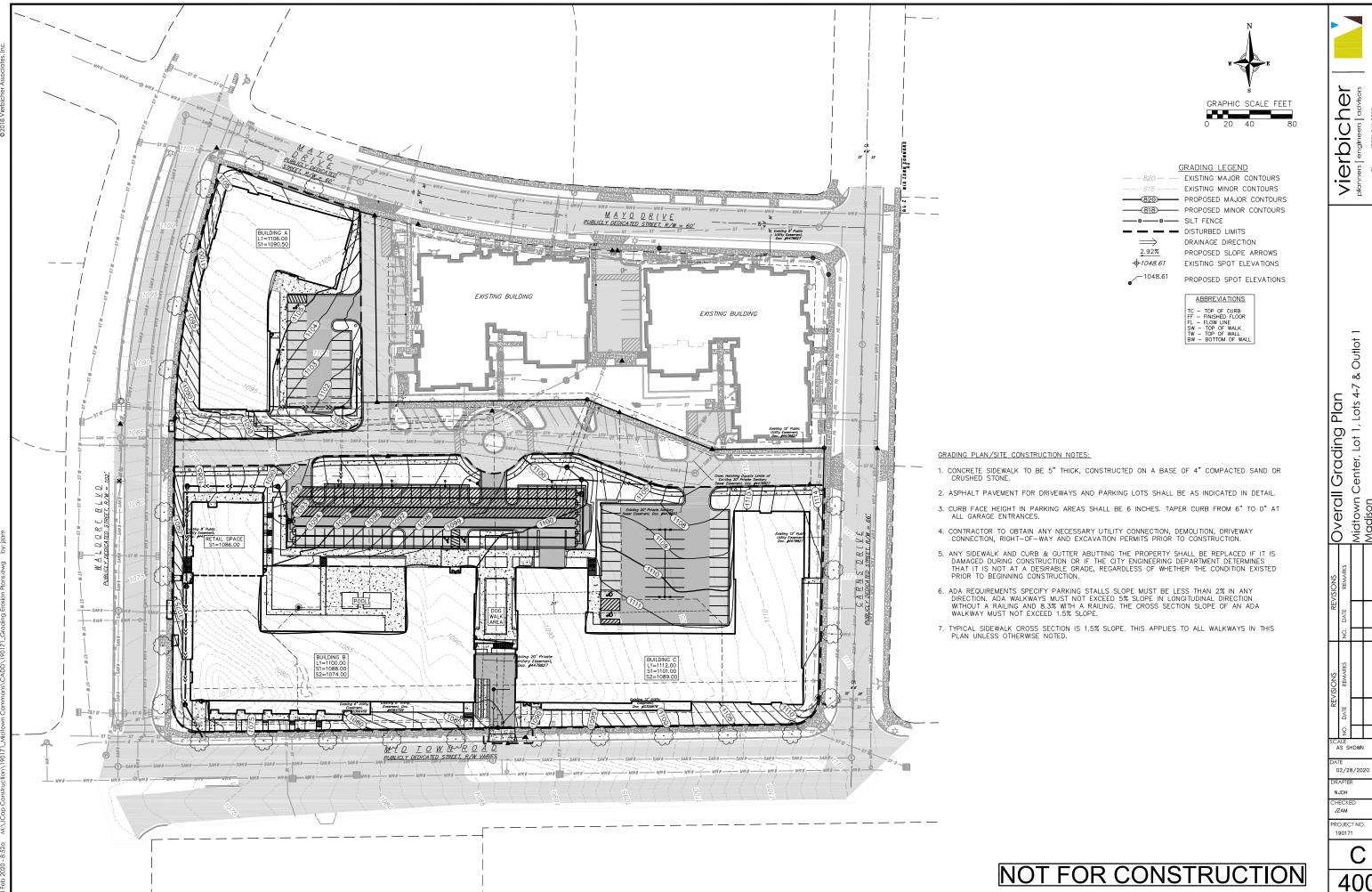






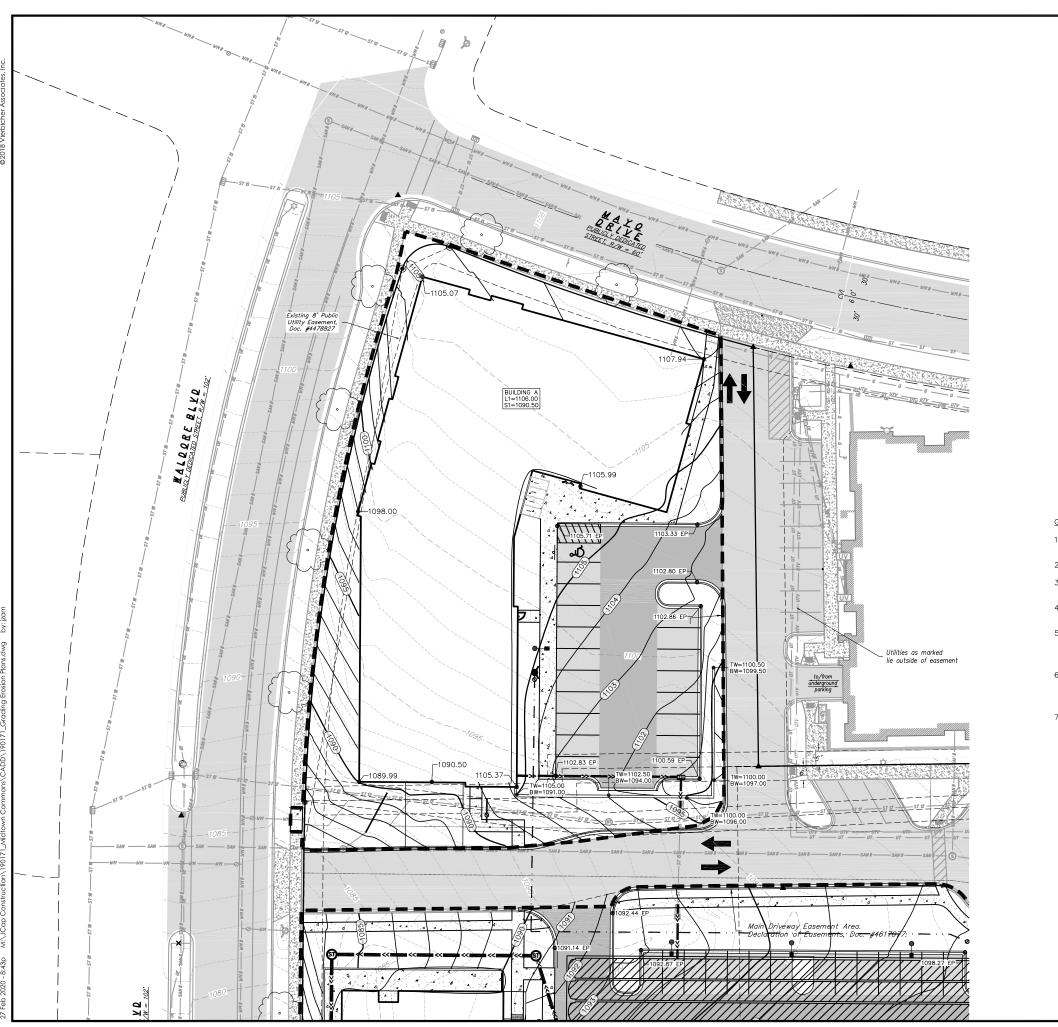
Overall Site Plan
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County Wisconsin

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Outlot ⋖ Lot 1, Lots 4-7 Plan Overall Grading P Midtown Center, Lot 1, L Madison





GRADING LEGEND — −820 — EXISTING MAJOR CONTOURS -818--- EXISTING MINOR CONTOURS 818 PROPOSED MINOR CONTOURS DRAINAGE DIRECTION 2.92% PROPOSED SLOPE ARROWS +1048.61 EXISTING SPOT ELEVATIONS

<u>ABBREVIATIONS</u>

PROPOSED SPOT ELEVATIONS

TC - TOP OF CURB
FF - FINISHED FLOOR
FL - FLOW LINE
SW - TOP OF WALK
TW - TOP OF WALL
BW - BOTTOM OF WALL

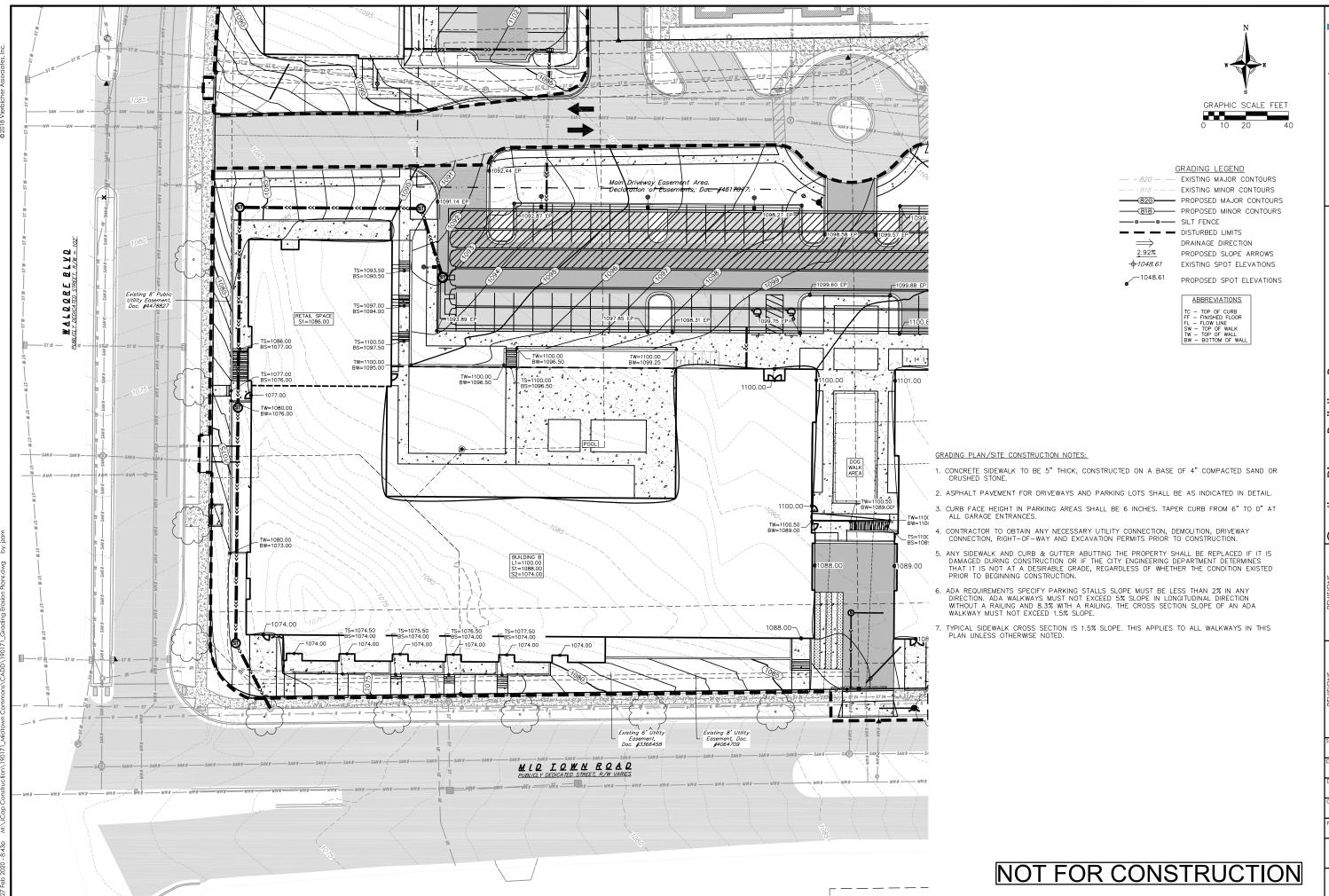
GRADING PLAN/SITE CONSTRUCTION NOTES:

- 1. CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
- 2. ASPHALT PAVEMENT FOR DRIVEWAYS AND PARKING LOTS SHALL BE AS INDICATED IN DETAIL.
- 3. CURB FACE HEIGHT IN PARKING AREAS SHALL BE 6 INCHES. TAPER CURB FROM 6" TO 0" AT ALL GARAGE ENTRANCES.
- 4. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- 5. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED DRIVER TO RECIPIENT.
- 6. ADA REQUIREMENTS SPECIFY PARKING STALLS SLOPE MUST BE LESS THAN 2% IN ANY DIRECTION. ADA WALKWAYS MUST NOT EXCEED 5% SLOPE IN LONGITUDINAL DIRECTION WITHOUT A RAILING AND 8.3% WITH A RAILING. THE CROSS SECTION SLOPE OF AN ADA WALKWAY MUST NOT EXCEED 1.5% SLOPE.
- 7. TYPICAL SIDEWALK CROSS SECTION IS 1.5% SLOPE. THIS APPLIES TO ALL WALKWAYS IN THIS PLAN UNLESS OTHERWISE NOTED.

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Grading Plan - Building A
Midtown Center, Lot 1, Lots 4-7 & Outlot
Madison
Dane County Wisconsin AS SHOWN 02/28/2020 NJOH JZAM PROJECT NO. 190171

NOT FOR CONSTRUCTION



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Outlot

Lot 1, Lots 4-7 & Building Plan Grading Plan Midtown Center, L Madison

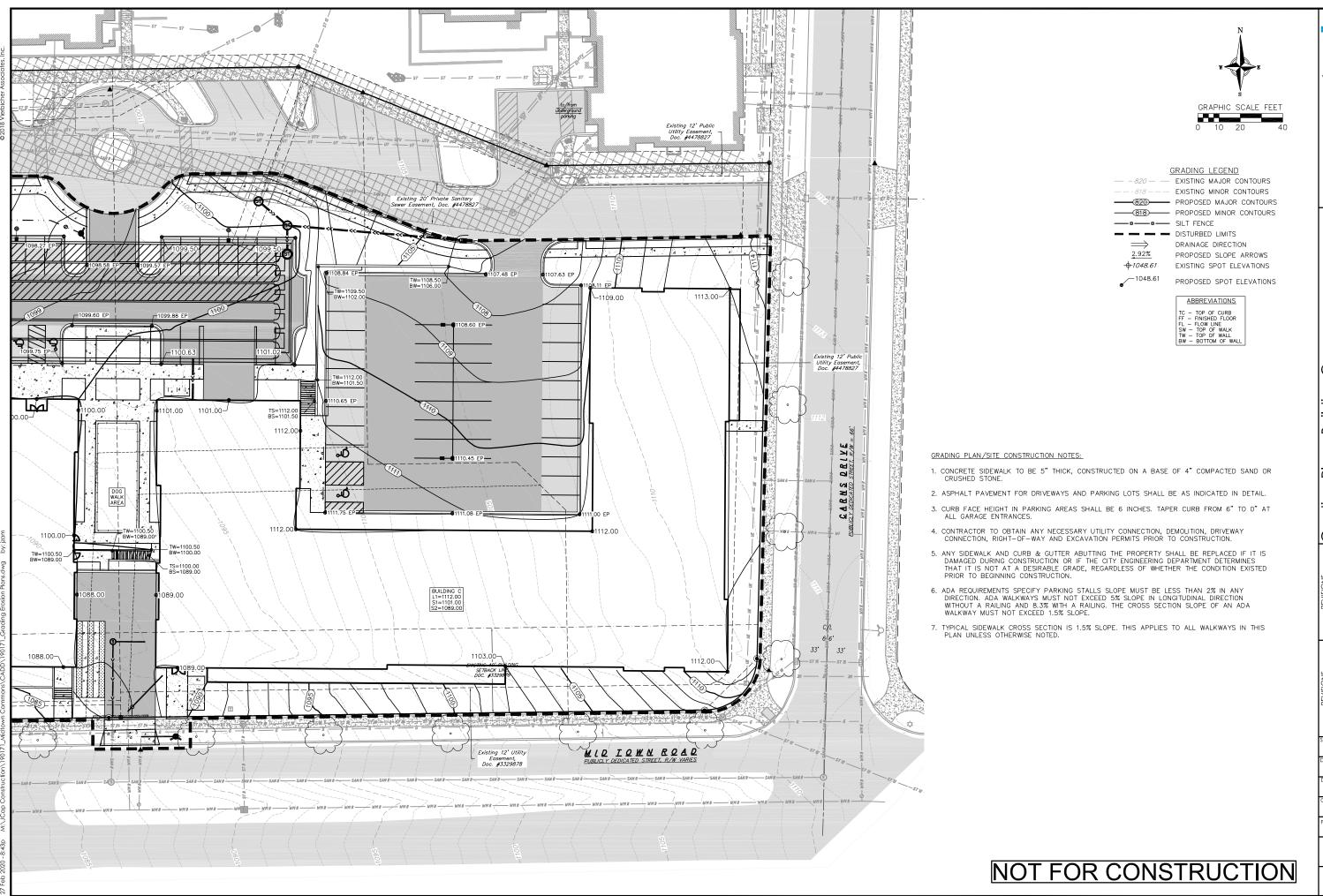
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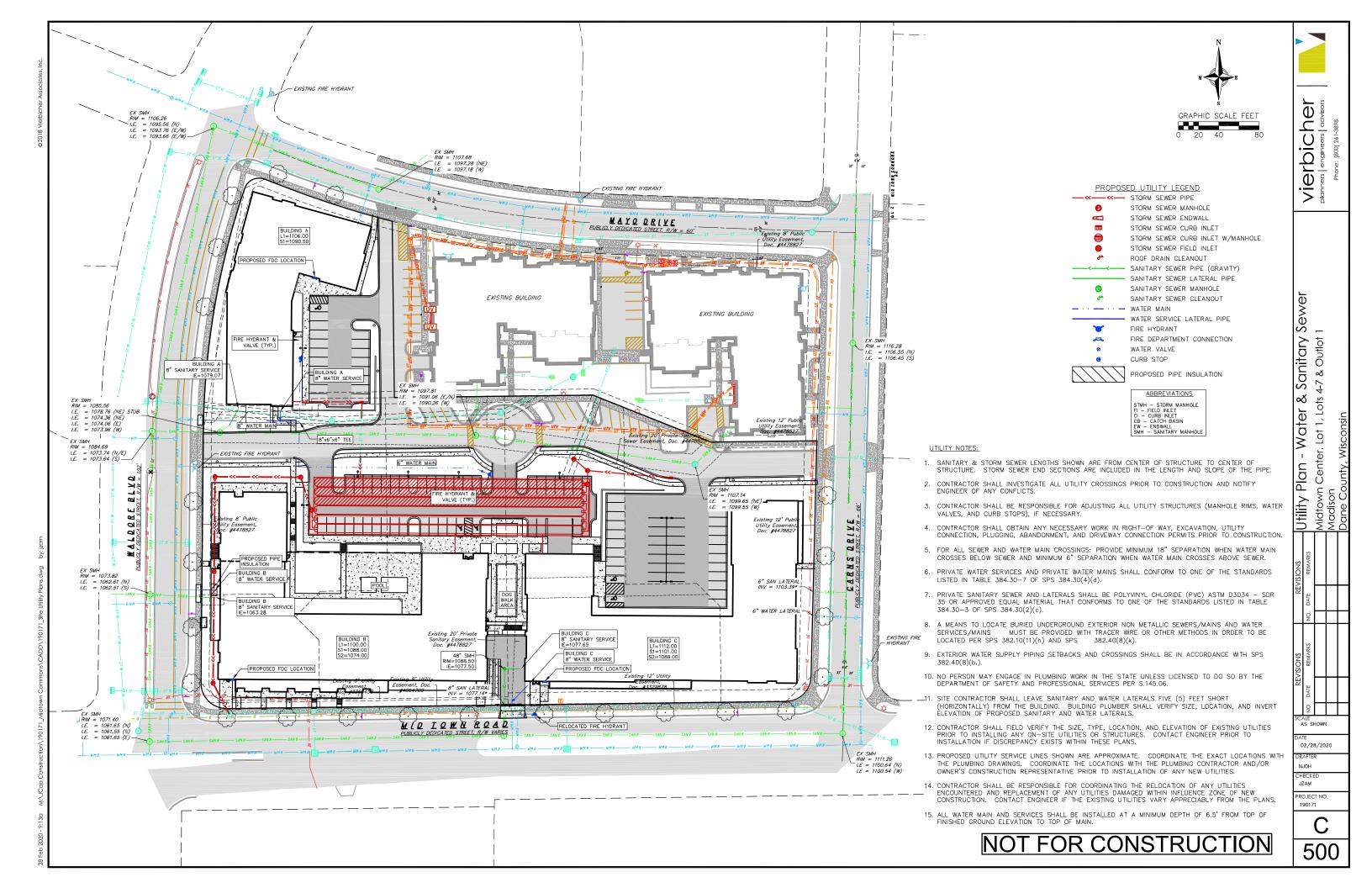
Lot 1, Lots 4-7 & Outlot Building Plan -Grading Plan Midtown Center, Le Madison

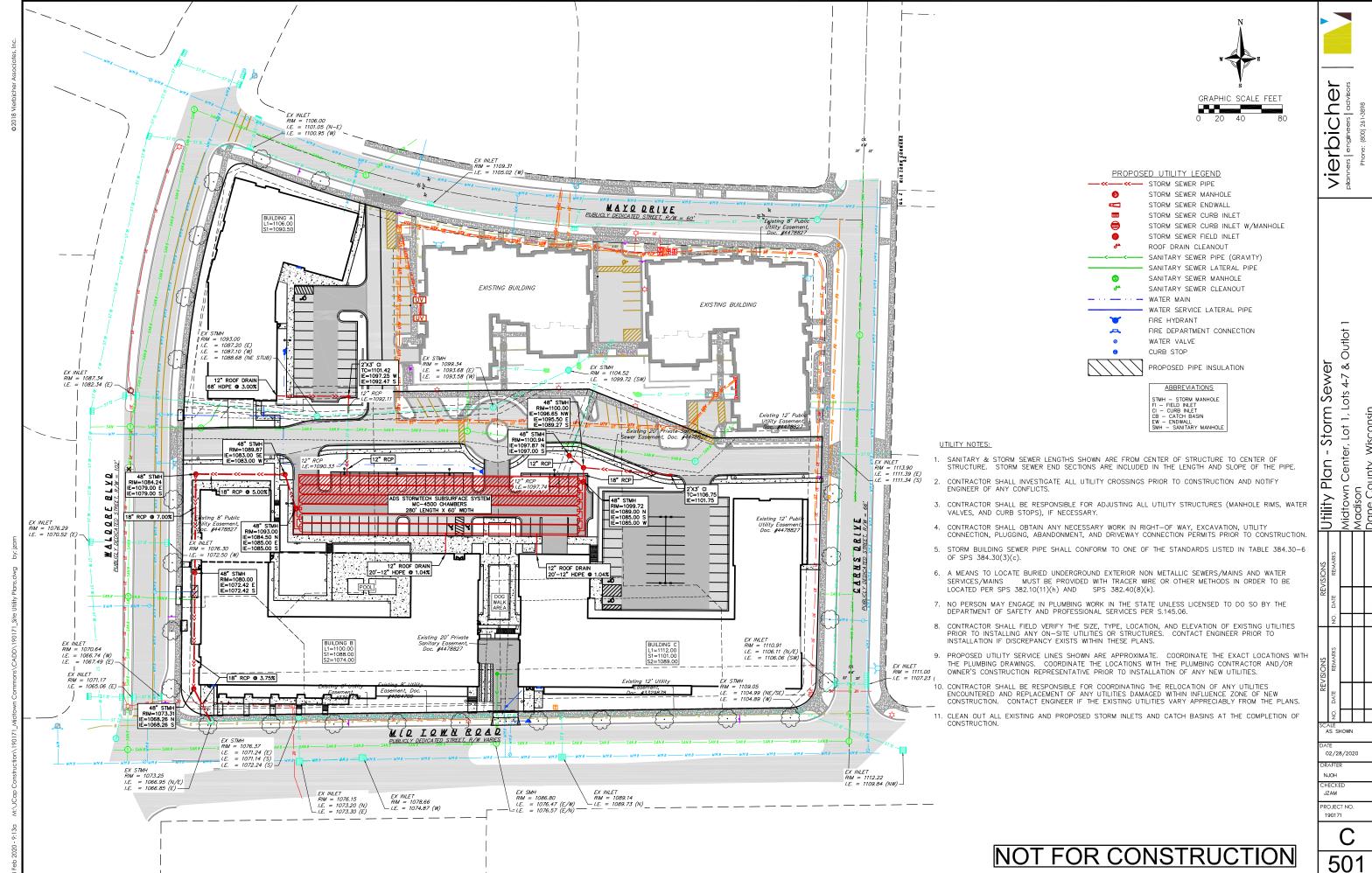
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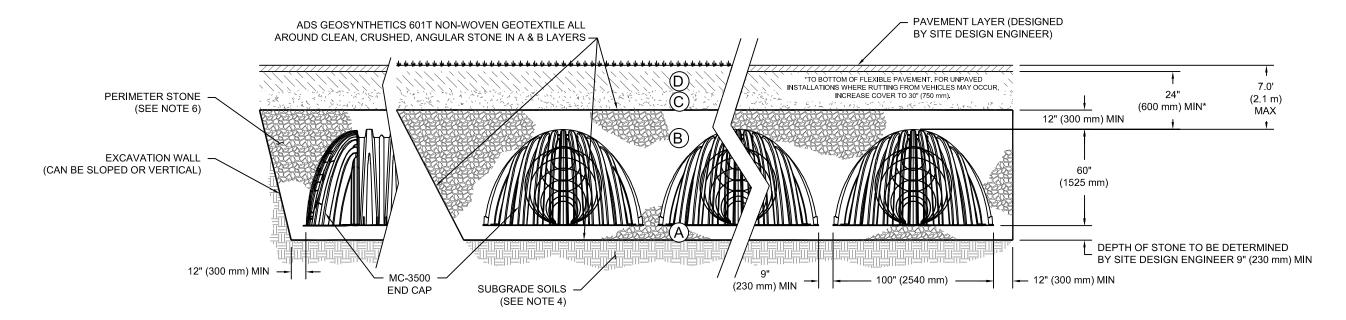




ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
С	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 A-1, A-2-4, A-3 OR AASHTO M43 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 3, 4	NO COMPACTION REQUIRED.
Α	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.2,3

- 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
- 4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



NOTES:

- 1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
- 2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- 4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- 5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3.
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN.
 - AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



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4-7 & Outlot Midtown Center, Lot 1, Lots Madison **Construction Details** 02/28/2020

TWO LAYERS OF ADS GEOSYNTHETICS 315WTM WOVEN 24" (600 mm) HDPE ACCESS PIPE REQUIRED USE GEOTEXTILE BETWEEN FOUNDATION STONE AND CHAMBERS FACTORY PRE-CORED END CAP 10.3' (3.1 m) MIN WIDE CONTINUOUS FABRIC WITHOUT SEAMS PART #: MC4500REPE24BC OR MC4500REPE24BW

MC-4500 ISOLATOR ROW DETAIL

MC-4500 CHAMBER

INSPECTION & MAINTENANCE

INSPECT ISOLATOR ROW FOR SEDIMENT

STORMTECH HIGHLY RECOMMENDS

STRUCTURES WITH OPEN GRATES

FLEXSTORM PURE INSERTS IN ANY UPSTREAM

- A. INSPECTION PORTS (IF PRESENT)
- A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN

SUMP DEPTH TBD BY

SITE DESIGN ENGINEER (24" [600 mm] MIN RECOMMENDED)

- A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
- A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG

CATCH BASIN OR MANHOLE

- A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
- IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

COVER PIPE CONNECTION TO END CAP WITH ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE

- B. ALL ISOLATOR ROWS
- B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
- B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
- IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS

- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

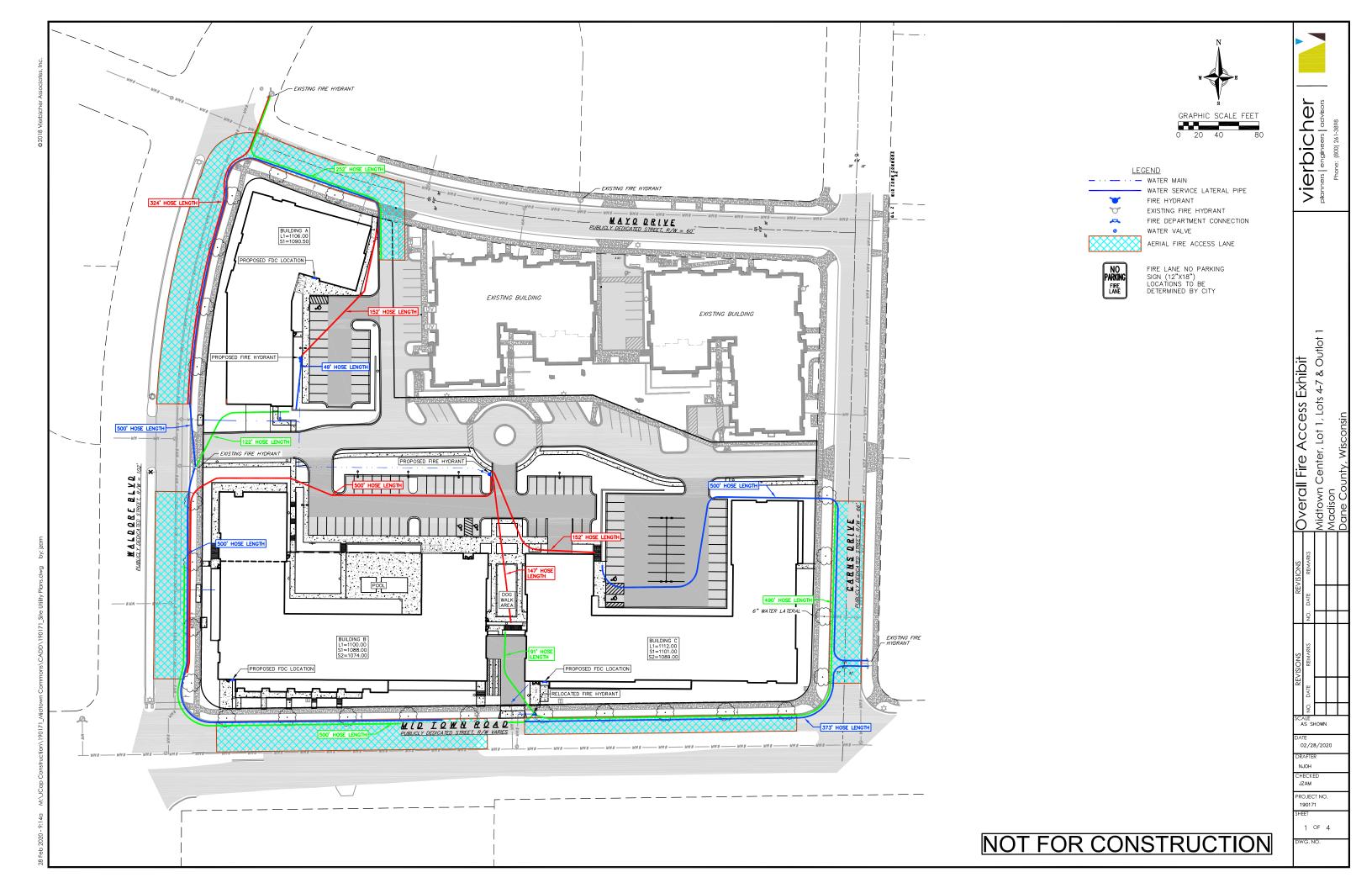
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

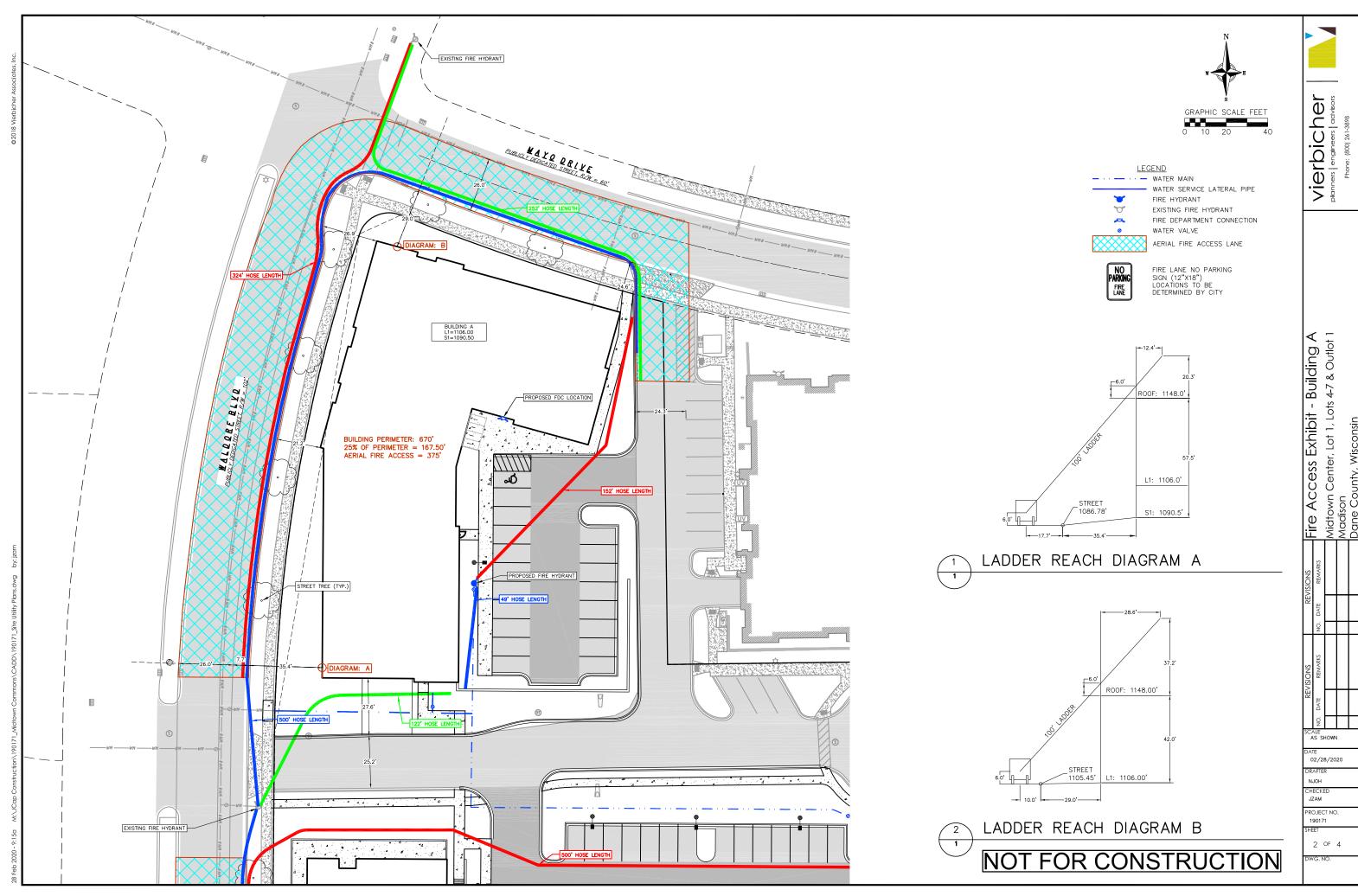
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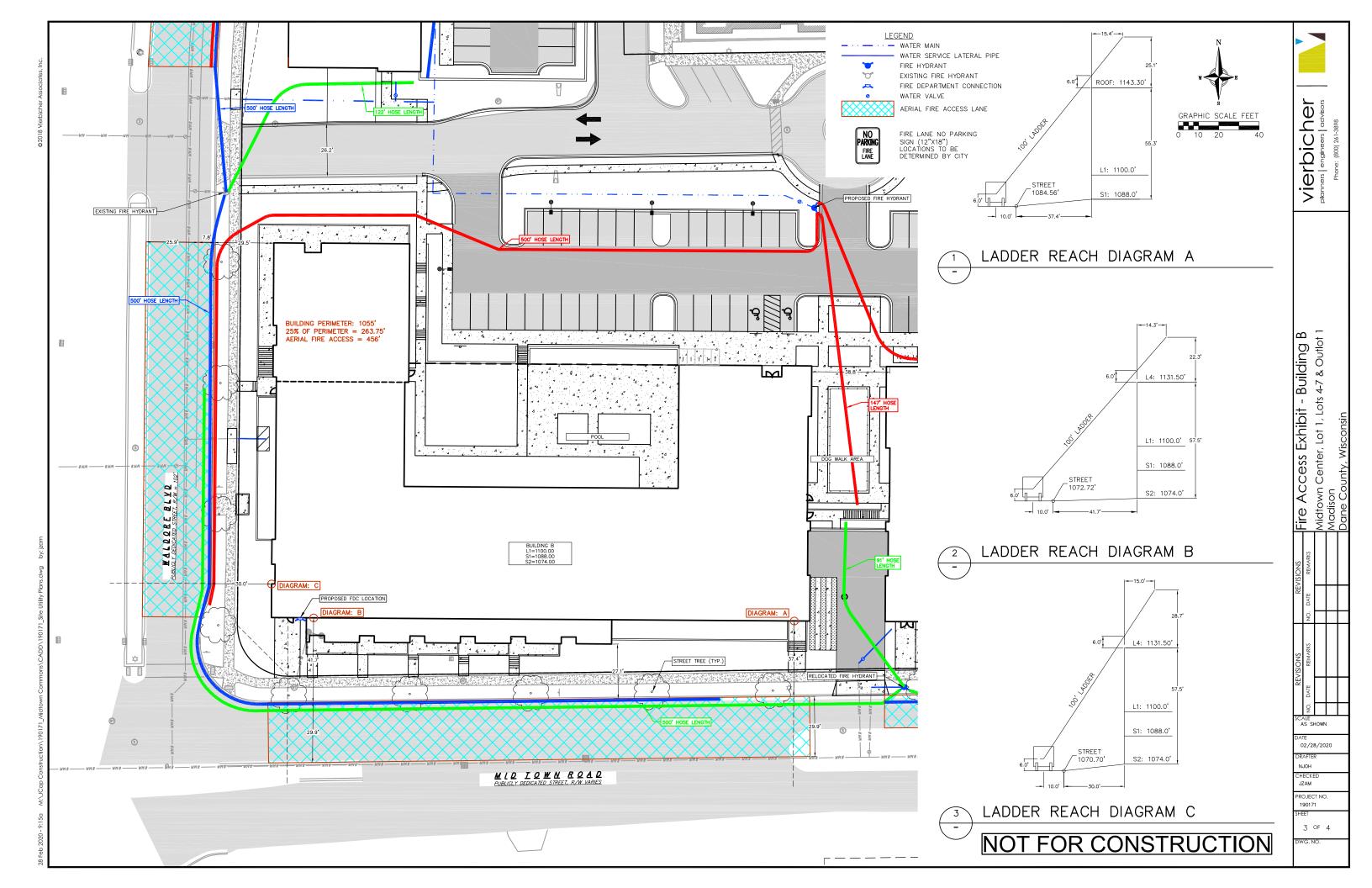
4-7 & Outlot

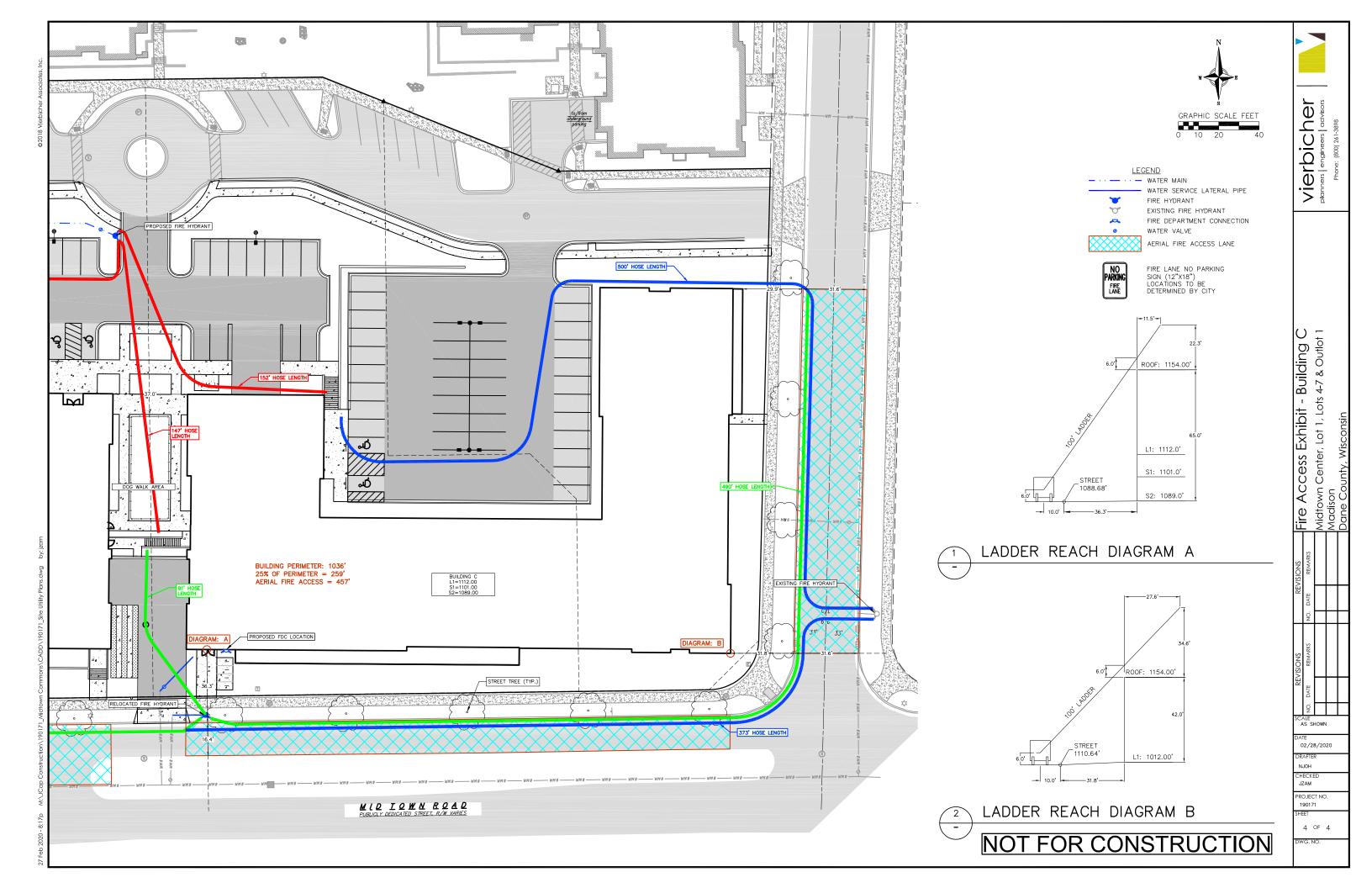
Midtown Center, Lot 1, Lots Madison Dane County, Wisconsin **Construction Details** 02/28/2020

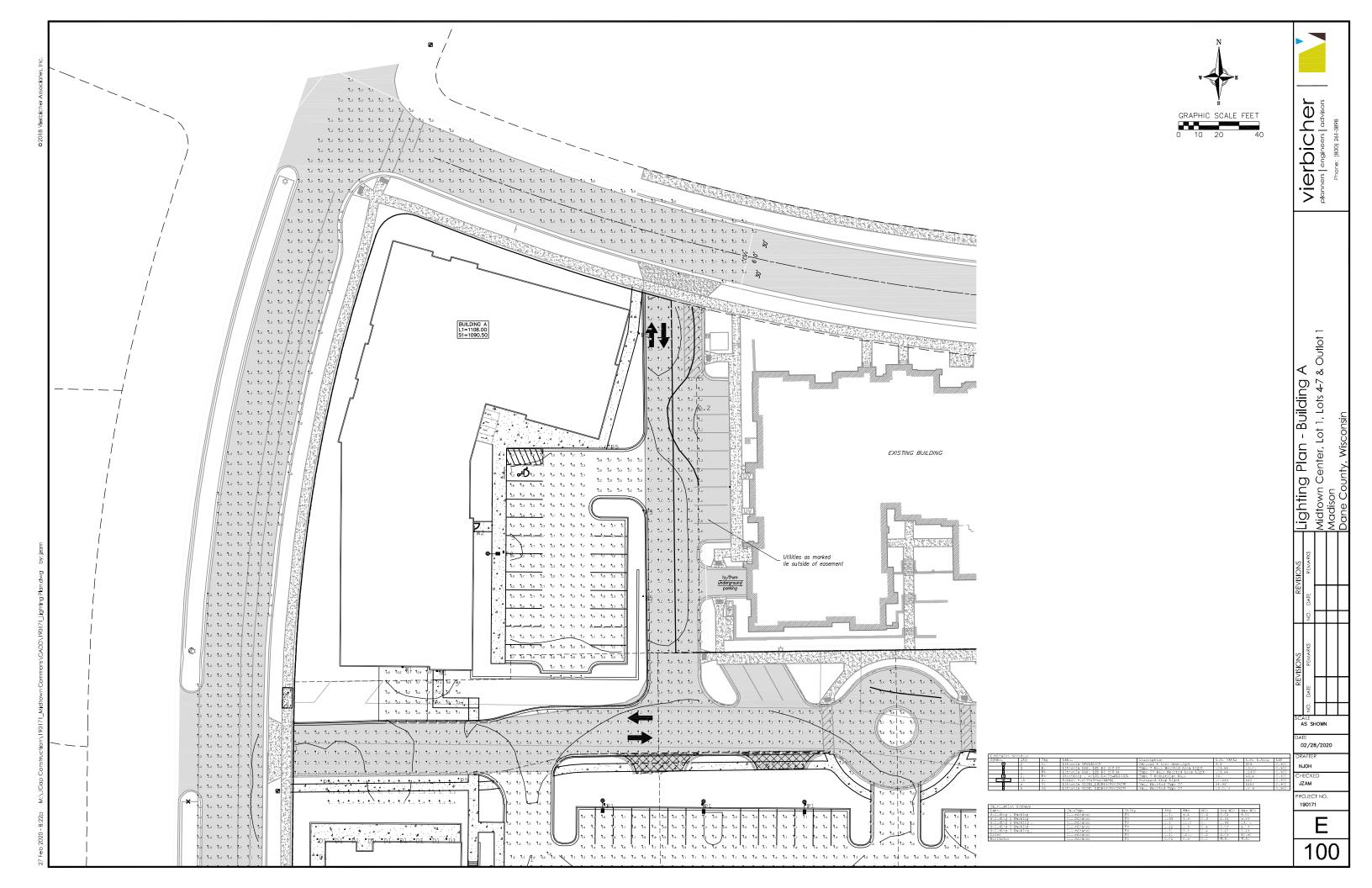
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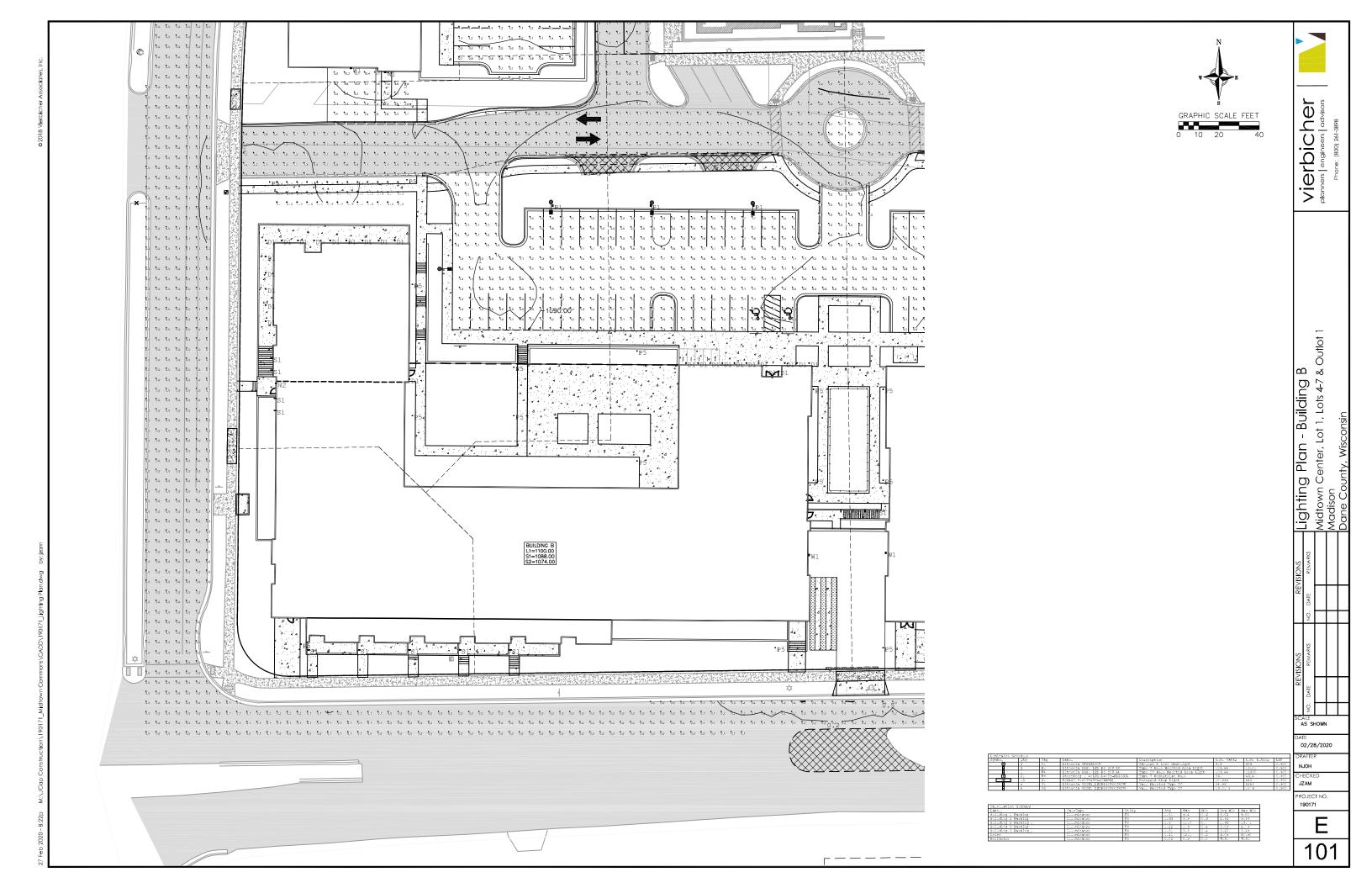


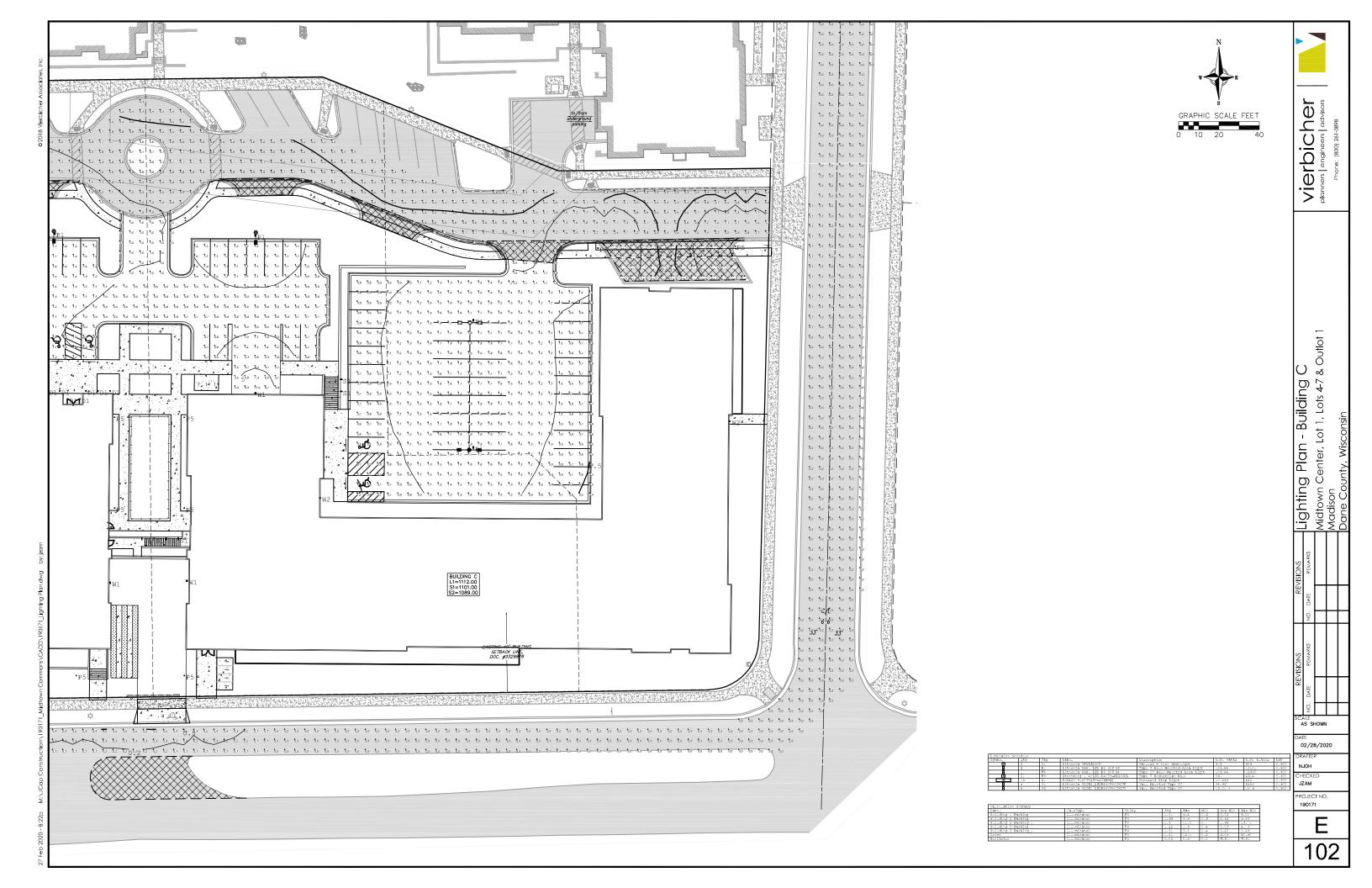












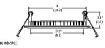
FEATURES & SPECIFICATIONS

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CROERING INFORMATION FOREIGN	tes lealit mes, configure p	record using standard eptiens (shown in beld).		Example: WF4 LED 30K40K50K 90CRI A
WF4	UET			
Series	Lamp	CCT/W/Lumens'	Œ	Finish
WFA - 1" water-t-in LED Level it; at	TEO TTO	27 R 9 PK 25 K 270 KC 1 C.SW/75 DL 30 C.SK/75 DL 30 C.SK/75 DL 32 0 KC 1 C.SW/75 DL 32 0 KC 1 C.SW/75 DL 40 C.K/10 SW/85 DL 50 C.SK/7 C.SW/75 CL	POCRI SCOM	ATW health of the ATM

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COVALIGNTING

Wi4150 - So tond e Wilte

Wafer LED Recessed Downlight

4" LED Switchable White **Color Temperature**

WF4

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WF4 Switchable White 4" LED Wafer Module

PHOTOMETRICS				
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30° Above Floor for a Single Luminaire



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-1	98 BF	61 63	26" - 126" - 3.9 26" - 16" - 5.6 9" - 163" - 766 (1620	2	31 27	0 1		50 07 37 40 44 38		31 46	46 47 56	12	26 26 46	19	142		34	
+4X /	35 d 33 f	ĬĬ.	Hr serry	1400	1	10 10	11 2	0	49 00 30 %	24	38	3	21	8.0	14	2.7	63	30.6	

WF4.1ED 27K3DK35K, 5000 KLEDs, input wants: 10. delivered lumens: 830. LM/D=88, test no. ISF36826P2



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WF4-LED 27K3 DK36K, \$500 ELECs. noutwatts 10, delivered lumens 784. LW/W=78, testnol. SF \$6326P5





WF4 LED 30K40K50K, 3000 K LEDs, input watto: 11, delivered lumens: 753, LM7, W=68, text no. ISF 36826P4



805	9 6	(W)	Linus	71/8 71/8/	716.7 216.7	14 Japa -	12	6.66 110 104 30	.40	190	0.78	170	1000	5/5 111 27 22	1756 1716 181 181 181	1555			59% 61 18 5		105/34 De 5	
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	hi e	15	5a.	05+ 905	CHELLOTS	*1000	0	29 41	31 37 37	191 20 27	e e	38	80 23 27	#1 #1	34 37	10	13.6	7.5	11.2	93	57.6	11
y je																						

/ LITHONIA LIGHTING

DOWNLIGHTING One University My. Convers C4.3CO12 Choine 800-37-54925 First 770-889-3129 www.lithonia.com 97.2016-2019-Acutiv Burnis Hicking, Inc. A Inhibits reserves Rev. 02/11/13

WF4 Switchable White 4" LED Wafer Module

PHOTOMETRICS Coefficient of Utilization Distribution Curve Distribution Data Output Data Illuminance Data at 30" Above Floor for

(2	1 2 1	(A) 4 (A) 4 (3) 6	% Lunn 20.0 40.0 70.7	3	107	0	70	115 161 10	16	3	gr No	17- 10-	91		Intel SC	-(rs-1) 43.5	ŗ	1.34 h2 1.5	d'
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	0.400	1.0		7	11	- 3	36	- 11	15	35	100	43	35	13.0	2.7	31.7		26.4	0.1
100 0	10. 16.70	1.927	100.0	- 3	4"	13	19	19	×	91	41	39	91	. 0	7.7	4.2	-11	31.0	0.3
10		H ar ray		-5	15	11	10	18	A.	27	41 30	3.	21	3(3)	127	16.7		37.5	6.3

WF4-LED 30 K40 K50 K, 5000-CLEDs, input watts: 10, delivered umens: 751, LM/W=79, testrip. SF 36926P5

WF4 LED 30 K40 K50 K, 4360 K . E3s, in put watts: I1, delivered lumens: 340, LM/W=76, test no. ISF 36826 PS



6 6	201 201 201 271		1.57 18.6	11 20 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	7/10 11/2 10/10	0	19%	579 115 161 18	70% 10% 1 6 1 6	1 ar	7 60 60	w 60	-075 -01		red TC	est ex	ıy.	1,947	A !!
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ENERGY DATA

Scio-Temperature	7900K	100000	4900
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Ŧ	90	90	50
Seed wallage	10,7	19.1	'3.4
.u/Vatts	68.7	1912	75/0
Note starting range	-40°C (-475)	-40°C(-46°P)	4000(-011)
JP000	TCTide (/ CIII, Part 3: Cass B)	C. th 42 C R. Fe C15, Class 3	10010 e47 010 Part 15, Gas P
Sc industing	Class A Standards	Caus A Standards	Object A Sterndards
nout will age	1200	1000	1500
Nin. power rector	197	0.92	397
nounfrequency	50,551 Hz	50x60 Hz	50%0 Fz
notipoer	1269	120V	13%
nout current	0.00/	0.095	3.757.

	Wini	ED 30K-00KSOK	
Scion temperature	300x	40000	7000.
.umars	750	810	790
JF	S#-	90	90
Parted workings	0.6	10/6	13.1
n.Vars	70.8	764	79.7
Not starting temp	40% (-9/1)	400 (400)	40°C (=C)*)
HADARI	PCCTide 47 CFR, Part 15 Class B	FCCT tite 40 CFR, Part 15, Class 3	FCCT tie-47 GFR Part 15, Gass B
Sc mid sating	Class A Standards	Cass A Stanclards	Obes A Stendards
noutvoltage	1809	TOW	1997
Not power factor	197	0.97	3.97
noutroquency	90/5010:	90x60 Hz	50,5012
nadpavar	1267	126V	1207
rookerren	(style	0.098	NC.C

LITHONIA LIGHTING

WE1LED - Switchable White

WELLED - Switchcole White

BOWLIGHTIKG One If Fronts May, Convers, C430012 Phone 800-375-4935 First 770-899-3129 www.lithonia.com @2216-2019.kcu ryBrant s Light front, and All this reserved. Bee 07/11/19

WF4 Switchable White 4" LED Wafer Module

LIGHTING PERFORMANCE DATA









MALITHONIA LIGHTING

Lighting Details - D1
Midtown Center, Lot 1, Lots 4-7 & Madison
Dane County, Wisconsin AS SHOWN 02/28/2020

N.IOH JZ AM ROJECT NO. 190171

Ε

Outlot

⋖





Introduction

The new RSX LED Area family delivers maximum value by providing a grifficant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 7CW to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drilling opatterns. This find drill solution provides significant labor sayings. An easy-access door on the bottom of mounting arm a lows for wining without opening the electrical compartment. A mast arm adaptor, adjustable integral sliptitter and other mounting configurations are available

Ordering Information	EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD
RSK1 LED	

RSIC1 LED					
Series	Parformance Pack2ye	Color Temperature	Ektribution	Voltage	Mounting
RSAI LEC	F1 F2 F3 F4	30K 97709 40K 40504 50K 10009	## 70.2004 ## 50.2004 ## 20.2005 ## 20.2005 ## 20.2004 ## 20.2005 ## 20.2005	AROLT 200 2779 H-CTT 300 2779 H-CTT 300 2489 Y CTT 200 2789 H-CTT 200	Semiparating Control Control (Control Control Con

		la diaci		
			Finish	
Shippedir	stalled	Shipped installed	30E+D	Durk drotte
Hi	House Stealing P	*Standalene and Networked Sensors Controls (factory default settings, see table page 9)	DBLXE	GL AX
PE	Proteont dystromas (5)	MIXIN TURN THE BOOK 25 AV	CHARC	Net vid. mr. e.
PEX	Photographic engine this speed, or it speeds 11	FREN Receive Blass Todays the security Jordan JARC 34	COND	Y)C3
PER:	first weeken be easystems to or tog (40%)		CKEROC	Textured Park Bardase
CE31	Concurrent/of/Artific Coy (c)	"More: FLOHY with intight Air can be used as a standalone a metivar Red solution. Sensor severage	DELBOO	est per blick
SF	Single function (191, 2017, 8 of F	pattern saffested when it minate is tited.	3H.C > 3	recurre Natural Plants
CF.	(0.11 e (no. (200. 24), 400) ²		DOHEXO	Tec. no. 7511.e
SECIONY	2007 (pepic 600 su cm)	Shipped Separacely frequires some field assembly)		
FOC	Perazioni seculo. (1)	BGS - State aghie chece		
DY/S	COMBOX 660000000000000	BSP Scene glas fill with (5.0 fam. of (present set))		

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_	LITHONIA LIGHTING		ergers, Grough 2002 • Phones Little 76.5 Sake (7979) • or agticing the left of cornel	woosamuli,shimedeenin Heris (Mildes), II Ala (1997) Tage 449

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Ð	100%	1925	17,546	7	- 31	9	12	(3,20)	2	10		128	1995	- 5	-0		Г		
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Accessories

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NOTE

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rie T	♥ / 🌣	SPG - Square Pele Adapter		0.67	1.03	131	1.12	1.16	2.08	131	1.7	221
1	186	RP4 - Round Pale Adap to:	6.	9.62	1.08	1.16	1.12	1.46	2.11	1.36	1.5	2.51
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SX STANDARD	ARM & ADJUSTABLE ARM		a ·	0.57 0.68	1,63	131	1.52	1.36	266	131	1.7	2.H 2.11
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	-@ \ !		101	1.34	2.89	2.3	3.21	2.67	436	249	371	4.97
ade:	()	B - Nate grad Slipfetter	475	1.81	2.65	2.54	1.15	3.68	£30	1.62	5.4	7.2+
200	H 3	LASE, MAR? - Julies tales	45	£1°	2.93	3,14	12	4.08	677	4.22	6.21	8.44
	M	lem iquare, Reund Fore	10	23"	3.17	3,71	4.52	444	6.26	4.62	6.64	9.25
	III I I		601	27	3.66	132	5.21	5.15	7.34	5.43	814	10.82
1.	4 6 1		3.7	1.78	150	1.14	5.57	24/	1.91	537	8.27	11.03
1	11 71		7*	3,%	1.35	4.0	537	4%	2,31	3.41	8.27	1,94
\ `	_14L [40	2,73	1.25	1.14	530	19	847	5.45	813	10,97
'.e	> <u> </u>											









H FARILIAN



Length: 22.8" (57.9 cm) Wildth: 13.5" (33.8 cm) Height: 3.0" (7.6 cm) Mein Bedy 7.2" (13.4 cm) Arm

erata = <u>ACC</u>S

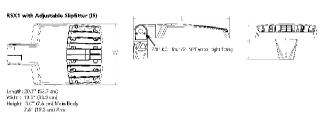
RSX1 with Round Pole Adapter (RPA)

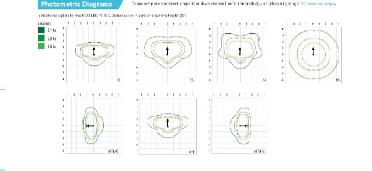


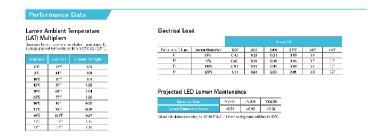




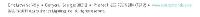








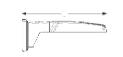






RSX1 with Wall Bracket (WBA)

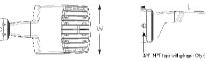






Langtin 23.61 (59.9 cm) Wilett: 13.31 (33.8 cm) Height: 3.01 (7.6 cm) Main Body 8.91 (22.6 cm) Arm













LITHONIA LIGHTING.

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Vierbicher
planners | engineers | advisors

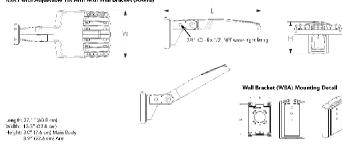
Lighting Details - P1 and P4
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin AS SHOWN 02/28/2020 N.IOH JZ AM ROJECT NO.

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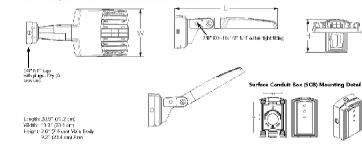
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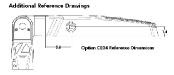
201

R5X1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)







COMMITTED ALTOGOS

Cind utilizati May + Catyoni, Storgia XXXI + Pronoi 1 600 700 FBR (7018) + executaritystorida com WXXIB4CID stury Brands Ugaing, No. A. rights reserved.

PIRHN nLight Senso Coverage Pattern nLight PIRHN



FEATURES & SPECIFICATIONS

FEATURES & SPECIFICATIONS

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LITHONIA LIGHTING.

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July 1987 Area (22) Box 1155774 Ogja 9 544

Lighting Details - P1 and P4
Midtown Center, Lot 1, Lots 4-7 & Outlot 1
Madison
Dane County, Wisconsin

Vierbicher planners | engineers | advisors

DRAFTER NJOH JZ AM

PROJECT NO. 190171

AS SHOWN 02/28/2020

Ε

202

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP) STREET, ST.

Notes:
AASP: Requires 3.0" m.n. square od of for 1 at 90°. Requires 3.5" min, equare pole for mounting 2, 3, 4 at 90°.
AASP: Requires 3.2" min, dia rouns pole for 2, 3, 4 at 90°. Requires 3.0" min, dia round pole for mounting 1 at 92°, 2 at 189°, 3 at 120°.

A CALL PLAN

LITHONIA LIGHTING

(DOCUGE ROSENVC)

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There's Millions of the Market of the Million of th



COT Type Criter Lens Gotton Option Option Upinon Option Guessian School School School School School School

Mounting Configuration - IW - ZA - 3490 - 1AM - PT - ZA9C - 34PT - ZAM - IA - 24PT - 4A - 44CPB - IA2T - SA - 44PT - SE44-

A-Wa Meure IF - Feet Top A - Am Mouri AM- Am Mic-Mourt '21- for base SH- Sienthurg CAT- Citerary - or use way - AULE 2- or W This Life Born Bright in the site deal greater (IESHW-16) Rings
• DR (Decorative Rings) • RL (Ring less)

CCT - Color Temperature (IC) • 27(00) • 80(00) • 40(00) • 50(00) • TE • T4

Driver

- MBL04 (1205-277v, 400 mA; MBL04 (1205-277v, 600 mA; MBL06 (1205-277v, 600 mA; MBL08 (1205-277v, 600 mA; MBH04 (147v, 480 v, 400 mA; MBH06 (147v, 480 v, 400 mA; MBH08 (147v, 440 v, 400 mA; MBH08 (147v, 440 v, 400 mA; MBH08 (147v, 440 v, 400 mA; 400 mA; MBH08 (147v, 440 v, 400 mA; 400

Lens
- CA (Clear Acrylic Lens)
- WA (White Acrylic Lens)
- SYID (Clear Acrylic Lens)
- SYID (Clear Acrylic exterior ens,
- Mactum cliffused internal come lens i
- SYID (Clear Acrylic exterior lens,
- Heavy cliffused internal dome are)

See Arms 6 Wall Brackets specific DMS HIVS DLS VCS VFS VLS

Ole padrhere to the to pele specific see Pole specification sheets.

Finish
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Custom Urban Finishes*

CM Custom Match SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNER

FCS1,207

LED LUMENS HYIST

Specifications

The Chateau series uminate is a small scale, drematic design fixture featuring a tail, cylindical body made up of a cast atom num tog; round lens and apon all minum anade. The Luminaire shall be UL listed in US and Canada.

Fitter - Standard
The Native Hall be positived with a newly wall case taken now in fact that can accept a 3 - 0.3 (M), 47 (D) (M) at 37 (D) (M) at 68 (D) at 68 of 7 (D) (M) at 7 (D) (M) at 88 (D) at 68 of 7 (D) at 68

LEDS

A ministing shall use high outbut high
bits survest LEPs come sing of a two piece
steemay come see with the part Deard (COB)
IFD component and EOB holder frame. The
LED's and a reced cour boards shall be ICCX
recyclate, they shall also be protected from
monisture and courselor by a confirmal country
cuty or any other hazardous set branches and
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shall be Read's complaint. The ED first arising
data shall be described in accordance with
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800-821-3276 556 Lawrence Ave., Roselle II. 80172 nto@atemperglighting.com www.stemperglighting.com www.stemperglighting.com

EXAMPLE F031207-1209-160-316440-92-F

OPG One Folkeartomete Lens & ES and PL od vi BBU Bettery Backup, Terrore (*1. x/g . 20 🗻

1740LED CHATEAU SERIES

Option
The luminaries shall be provided with individual, included silicane or lead only per parties applied to each COSE (Chi.O.) ** Bears, E.D. assembly. The applicability as a factor of the provided silicane or lead to the provided silicane of the provided silicane of the provided silicane of the provided silicane of the COSE assembly, the option selection of the Internationary of the COSE assembly, the option of the providing confidence of the providing silicane of the provided silicane of the provided silicane of the providing silicane of the providing silicane of the providing silicane of the provided silican

Photocontrols

Electronic Drivers

The LEG driver and the Leg Recognized it data from the Leg

Performance 1740LED (Based on CA) ens

that have over dat as we has all or circuit project on, and have blue objects on, and have blue objects on the constant comen day in 2000/274. In shall be supplied with the ground, the neutral of vesting part of exercise species on an econocimic with the EEP/ANT (CO.2112 or collected to the blue chimade for city's or 100 years in the dish as that have a minimum of futury or 100 years. Sutton Sigils: The photocontrol shall be mounted in the "batenary port" or in the pole shall not an active plate. The Benomic School year shalloom to the major of virtual School shall be considered to the shall be not all School shall be shall be not shall be shal

LED

M00 H. #	TO DELIVERED LUMENS	EFFICACY (LPW)	TA DELIYERED Lumens	EFFICACY (LPW)	TS DELIVERED Lumens	EFFICACY (LPW)	WATTACE
102/1 400 00	7840	98.7	7665	870	5146	07.2	40
11301 -KID 08	5280	1690	0260	10304	5800	120.8	48
1L40Tk1D_98	5305	124	5410	127	5980	24.3	48
1L27T_43D_06	3575	03.6	3565	96.4	3340	106.5	Ş7
11:30"_4410_06	6383	280	4020	1086	4445	120.1	97
11.40"_+k10_06	4155	11748	4145	112.0	4565	120.8	87
11.27 - 400 04	2450	912	260	9/ 2	2865	100,3	23
11,307_410_04	2765	1083	2765	103.0	3000	16.5	28
11.40 - 433 34	2650	1001	2850	109.6	3125	120.2	23

Performance 1740LEDH (Based on GA Lens)

MODEL &	T3 DELIVERED LUMENS	HEFFCACY (LPW)	T4 DELIVERED LUMINS	EFFICACY (UPW)	TS DELIVERED Lumens	(LPW)	WATTAGE
11.27T_WC_08	5005	108.1	6173	107.7	5416	112.8	48
1L00T_4/C_08	57/5	1197	5830	121.5	3110	127.3	/9
ILADIT AVIC US	5420	123,3	6010	125.2	3300	131.3	49
1L27T_WC_CC	3000	105,4	9999	,107.6	4196	12.3	37
1L30 F #/ C C6	4805	1.8%	4490	121.4	4660	126.3	37
1L40T_H/0_00	4685	122.0	4625	125.0	4820	130.5	37
11.277_4/10_04	20%	102.5	273)	105.0	2840	109.2	23
1L00T_#/C_64	3005	115.6	3075	110.3	0205	120.3	23
11.40 T -87 E - C4	3108	1192	0170	191.9	3305	127.1	23

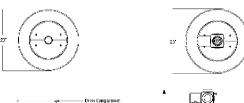


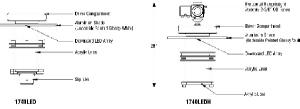
800-621-3976 556 Lawrence Avel, Rose le, IL 60172 nfo@scenbe glighting.com www.scenbe glighting.com § **transing users Autherisativa Yakita √ind.da.

1740LED CHATEAU SERIES

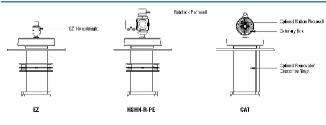


Product Dimensions and Features





Other Options





800-621-3376 800-621-8276 555 _awrence Ava., Roselle, IL 60172 info@stemberglighting.com www.stemberglighting.com excommence (6485), ALINSHORENCE, THE EA

LIGHTING

Approved: Туре: Fixtures Project:

PHOTOMETRY

ABA

FCSL207



DRDERING

LEU 27K aK a5K 4K PL 13Q 26Q

SPECIFICATION

Installation: http://thqur.com-flp:af6qs Concrate pour standard. Built-in drywall plamps on backpox for crywall applications

CONSTRUCTION

cubs interviol

Marine grace, corrosion resistant, heavy welled, high pressure stainless steel factorate
Marine grace, corrosion resistant, heavy welled, high pressure a uminum housing.
Lans is 16° thick tempered, opel
Practic on farmed sent-separule a uninum for maximum reflectance
Necytima portinuous coced on furethane 'O' ring gacket to seal out pontaminants.
Orphy and mossace stainless steel, temper need tant her socket softwas.

Lumens stated are the minimum delivered out of the luminaire. LED lifetime is greater than precue it of 0.100 hours with the luminance precision greater than 170. All of our Liminaires are LVHe0 tested and are a CRR00, with a 4-stee MacAdem Ellipse color-correctioney, integrs, power supply standard. Input violage 150V or 277V standard. Integral power supply standard. Input violage 150V or 277V standard. Integral power supply standard. Input violage 150V or 277V standard. Integral power supply standard. Input violage 150V or 277V standard.

Six stage other call pre-treatment process that includes from phosphate, to pre-care the substace for a UV stable, super-curable standard polyecter power or coat.

Soidet: P.: Four pin pugnin type compact fluorescent lamp holder (hamp by ownes). Win contrasted in conditional quartz or medium base perceion societat.

 Bellest UL. I seed electron or bellisst standard with 5 year manufacturers warranty.

 Diaming Fetures come standard with 9-10V olimining or yet.

FC Lighting, no. reserves the right to change details conspecifications without notice. Finductives on this segmentment to FC Lighting streams and conditions. 80 2017 FOI jitting No. 0600 8 Averson Ave. St Charles, L60 174 | 0.800 400-1790 | 1.500-869-8106 | www.fci.jitthg.com

DIMENSIONS

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. To Details Lighting Deta Midtown Center, L Madison Dane County, Wisc AS SHOWN 02/28/2020

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JZAM ROJECT NO. 190171

Specifications

Width

Weights Mithout c

Introduction
The WDGE LED family is designed to meet specially sively wall-mounted lighting need in a widely specially appear to the respective special and the stress that plear next insert design comes in our sizes with lumen packages ranging from 1,20% to 2,50% unens, crowing a must attended solution. Embedded with hill gnd9 Alls wire eason trots, the WDGE Earling sow disk additional energy sawings and code compliance. energy-systy as object complation. Whole so has so to do Colorers with elso the conjudence of the conj

WDGE LED Family Overview

Luminaire	Standard EM, 0%	Gold EM20°C	Sensor						
LOIS BAILE		Cold Eat, 20 C	38859		P2	P3	P4	P5	
WDEET LED	497	-		1,200	2,600		-	-	
WD012 .1D	1676	187Y	Standalone / hUght	1,200	2,000	8,000	4,530	6,000	
WDGES LED	15%	183Y	Standalone / nLight	7,500	2,500	10,000	12,000	-	
WDER4 LED			Standakore/inlight	12,000	16,000	18,050	20,000	22,000	25,000

.iD	-	-	Standakre/hlight	12,000	16,000	18,000	20,000	22,000	25,000
					-				
ing I	Information				EXAMPL	E: WDGE2 L	ED P3 40K 8	OCREVE MV	OLT DDBXD

		Color Temperature		Distribution	Voltage	Nourting	
WOGEZLED	P1 P154 P2 P25N P3 P354 P4 Carwhina series 995 september 995 september 2005 Septe	27K 2/007 30K 3/3/3 85K 3/0/7 4CK 0/0/7 50K 4/3/7	30CRI 90CRI	VE September mask this VW Shirt Charl 984	MYOU 3477 4801	Shipped included SRM - Suffice routing 100 - at	Shipped separately AWS - Astro-Administrative one BBM - Survey-conditions PBMM - Fronting approach of all before papers of a conditions

ERVH	surgery or exposure OF on all a 7/5,00 mile	Standalone S	ensers/Controls (cit. as: 4 e-cat 1100 ft/92 4 ft/95)	0.080	21 throne
E16791	metion are legal to p 100 and 300,700 and	2.5	Priese 1000000 mallorse sand in 31 nothing et inschemed accessor	CE. <0	V0.0
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B:	21.5 (2001) 31.7 (Appel C) (2013) (2015) (62.0) (1.1 (1.1 (2004))	Vetworked 6	essenciantroli (nyozlak v LECC 28878-284)	CARCAD	64(19), 2019
		NUMBER PIF	ingré (Midexandestri es mit Panter end à 3 l'Émar hybor).	ESSTED	leating spectra
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Page 14 June P1 P2 - 3, P4 P5



Public Factories P1574, P25W, R859

Lumen Output more was useful perconnections before disappresses of 18 W. 2428 Data in continue of the percentage of the configurations stock, with the control selected on a control set, denoted the configuration of the configuration stock of the configuration of the configu

		System Parts		Out lype	278 (270	0K, 80 CRD	308 (300)	#4,80 (EB)	390 (350)	0K, 300 (Fil)	400 (400)	E, 9) (E)	900 (5000	K, 90 (F)
		tuer Ales		SPW	Lumers	LPW	Limes		Lumere		lumens			
PER PISW	1014	Sf	1,166	719	1,205	123	1,231	1.25	1,256	128	1,234	126		
P 7 154	july	O.V	1,107	122	1,241	126	1,284	131	1,389	131	1,286	101		
		159/	N)	3,87	724	1,917	137	2015	1.55	202:	135	2019	135	
P27 P259	15W	W	1,027	193	1,907	137	2067	140	20/>	143	204	14,7		
P37 255W	7267	VF	5,6%	130	3,013	134	3,119	18	1,137	115	3,1%	115		
Pay read	29%	WY	2/85	132	3/203	137	1,200	142	3,213	143	1,266	142		
M	1150	NI.	4,0%	117	4,217	121	4,044	1.85	4,402	120	4,402	126		
151	SNW	SAY	4,202	120	1,811	725	1,508	1.8	4,526	123	4,/17	125		
66	100.7	NF	5,587	115	5,792	319	599	122	5.596	124	5,084	124		
P5	45W	'AY	5,711	118	5,921	122	5,127	126	6,151	127	6,139	127		

Electrical Load

		0.00(0)							
					210v	2000 2007		4939	
P1 7 215W	196	0,682	3,345	6,643	3,036	-			
PLATEN.	100	-0.00	- 20		- 00	0.046	3,003		
P27.28W	196	0.332	0.081	0.072	3,091	-			
175. 750	'96	-				60%	3,041		
P37/05W	23%	0.155	3.114	0.100	0.038	-	.00		
E31.73349	299	19.44	49	- Vi	100	00/9	3,02%		
P4	390	0.202	3.179	0.152	3.134	-	- 100		
PN	339)	-	**	-		0.115	3,000		
P5	49%	0,434	3.241	6,21	3.184				
ro	520	785	20.	199	3.0	0.157	3,174		

Lumen Multiplier for 90CRI

374	0.845
304	3.867
335	3,845
401	3.865
304	3,998

Lumen Ambient Temperature (LAT) Multipliers

, are these festals to regen in terms, we force that a florewer again to ensure a state of the 0.40%, 0.52, 0.99%

0/Y	3240	°.03		
1010	SCCF	1.57		
20°C	68%	1.51		
25°C	794	1.00		
30°C	86°F	0.59		
40°C	104°F	0.28		

NLTAIR2 PIR - nLight AIR Motion/Ambient Sensor

BBW - Standard Back Box

D=1.5°

 $D = Z^*$

Projected LED Lumen Maintenance

Starre remes be easy dated performing position for the patting of telefore 35%, specifications of 1220 for more ED welling to real part EDM-1000 For any consideration (SEA 100 For any construction of the pattern of the starter of t

Operating Hears	0	25,000	50,000	100,000
Lumon Maintenance Factor	1.0.	or0.95	10.55	p=0.91

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W = 11.5°

D = 0.38°

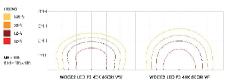
AWS - 3/8inch Architectural Wall Space

ELECTRICALLayer or scriptural highest resp. (Contractand to cook script should be seen by the contractand to cook scripture of the contractand to cook scripture of the contractand to contract the contractand to contract the contractand to contract contractand to contract contractand to contract the contractand the contractand to contract the contractand to contract the contractand to contract the contractand the contractand to contract the contractand the con

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Note: Actual performance may difference could be end user or view meet and adjustice of College are mediate on upper values, resourced more labours or come dense 2,25 °C. Specializations is placed in the graph of the college of the

WARRANTY
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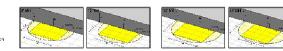


Emergency Battery Backup

the majority of soften and an integral to the Lamin's error occurs, as a string required. This design previous reliable envergency operation while the majority of the assistance of the product. All emergency because configurates and the design previous of the product and enveloped because of environmental environmental extensions and environmental extensions of environmental extensions of environmental environmental environmental environmental extensions and environmental e

Applicable bodes: NHPA /WNLC | section /CC.16, NHPA 101 Life Safety Code Section 7.9

The examples below show Illuminance of 1 fe average and 0.1 fe minimum in emergency mode with E10W. For E20WC and VF electibution.



Dual Switching (DS) Option

The dual exhibits option office aborations redundancy that consin caces recuire. Vish this potion the luminaire comes integrated with too crisers and tax light engines. There work completely independent to each other or that in this too any individual component, described in spokely used where backgreeneds or investor providing an engine provide.

Applicable codes, NFPA 70/NeC - section 700.16, NFPA 101 Life Safety Code Section 7.9



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Motion/Ambient Sensor (PIR_, PIRH_)

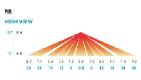
Motion/Ambient Venior (PIK, PIMI).

Motion/Ambient senso: (Sensor-Systeh MSDD) is irregressed into the lumination. The center provides both Met on and Daylight based of norming of the lumination for motion that center (Sensor-Systeh MSDD) is irregressed into the during the control of the lumination for motion that center is a find of the control of the center of t

Networked Control (NITAIR2) alignes (a) the sale of th

SIDE VIEW

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			Fhotoell Ogeration	Motion Time Jelay	Barrio down little	
PIE SEPIEE	Matter - IV (17% of fell on pul) Pictocal - 3V (to red xil)	"KAY(100% output)	Enabled & Sto	ämh	Smin	Modern - Skie Photocol - 45 set
AT LOW PIET FROM	Motion - IV (37% offul output) Photocall - IV (turned all)	"KATCHACSe output)	Liebled 5 lie	àmh	5 min	Molicii - 3 sec Plictace II - 45 sec
NUTA REPIR, NUTABREPIRII (MULTI Into)	Mation - JV (2795 of full expet) Photocill - W (furned all)	199 (100% output)	Enabled & Sfc	7.5 m n	Smin	Motion - 3 sec Photocel - 45 sec



INTENDED USE

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∞ 7-4 Height: Width:

Weight: (without o

Introduction

The WDGE LED family is designed to meat specifie's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilineer case or comes in four sizes with unren packages ranging from 1,200 to 25,000 unrens, providing true site-wide

WCXiE1 delivers up to 2,000 lumens with a soft, W.A.E.I delives to 2,2,50 kmens with a skilly confortable environment. The compact size of WDSEI, with its integrated emergency battery bacus option, makes it an ideal over-the-door wall-mounted lighting solution.

	Standard FM, 000	Cold EM2020							
LUMINATE	Standard EM, U.S.		sensor				Pf		
WDS:11.50	4%	-	-	1,200	2,000			-	
MOSES TEC	10%	183	Standalone / rLight	1,300	2,000	3,000	4,500	6,000	
WORLD LED	1597	189	Standalone / : Light	7,500	8,500	10,010	12,100	-	
WOSEF LEG	-	-	Standalone / "Light	12,000	16,000	13,010	20,100	25,000	25,000

Огс	ering	Info	rmation

dering Information	EXAMPLE: WD	GE1 LED P2	40K 80CR	I VE MVOLT	PE DDB

Sexies	Package	Color Temperature	(F)	Distribution	Voltage .	Mounting
CE. FACIN	P°	20K 277K 20K 30CK 20K 40CC 20K 50CC	800 H 900 H	W unicopies	342; %,60°I	Shipped included SEZ 1. For the time based: Shipped separately 2.55 SAZE A POINT to set tipe 1 8.57 Submartaned section FEREX Submartaned section 8.68 SECTION 1.1 SECTION 1.58 8.68 SECTION 1.1 SECTION 1.58 8.68 SECTION 1.1

WMM Unique a bitery large (Consulter (RAP) Consulter (RAP) Consulter (RAP)	USAN	COSTS2 IGGORALMINATORS CREATED RECIPIONS OF AREA TO A TOTAL TO A T

ACCASOMORPH AND STANDARD CONTROL STANDARD CONTROL SACRETOR CONTROL SACRETO

Mounting, Options & Accessories

2 EAWH not evaluate with FE or DS.
4 PE not evaluate with DS.

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Lumen Output

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	Performance					30K (5000K) 20 320				40% (4000K, 80 CF)		90K (50K0K, 80 (01)	
	Fadkage	System (Mall)	Dri Type	lunes	100	luces	1997			Tumeres		Iterate	
	PI	10%	XF	T/100	110	LJ61	716	1,194	116	1,597	123	1,235	123
ı			WA	1,122	112	1,163	116	1,1%	1,8	1,229	123	1,237	124
	P3	15W	VI	1,976	120	1,897	103	1,523	176	1,572	102	1,557	110
			387	1,809	120	1,876	103	1,529	176	1,587	117	1,556	133

Electrical Load

Performance	SystemWests					
	synethereta	189	XIII	2404	2779	3479
ři	10M)	0.062	0.045	0.043	3000	-
rı .	1,344	181	10	- 99	100	0.010
601	190)	0.132	3,381	0.072	3/051	-
P2	1907	-		-		0.056

Lumen Ambient Temperature (LAT) Multipliers

Simplification 3-46-2 G2-38-3-2	
Ambiert	Lumer Multiplier

Ami		
670	32°F	1.03
10%	30°I	1.02
2010	1°36	1.01
25^⊆	77°F	1,30
30°C	86'F	0,99
40°0	104*1	0.38

Lumen Multiplier for 90CRI

(0)	Multiplie
278	0.845
306	0.867
350	0.845
100	0.885
98	0.838

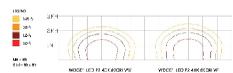
Projected LED Lumen Maintenance

Sameware transcoperate community predictions and picking condition of the project prediction of the project project product p

Operating Fours	C.	25,000	56,300	130,36
umen Maintenance factor	1.0	>0.96	>0.99	>0.91

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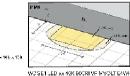
To see complete photorsorie opers or download, lee files for this product, visit the Lithenia Lighting WDCE LED compage. Items in accordance with 1936 h (M-72 and 1640) supported.



Emergency Battery Backup

is a group of the part of the Lambert of Lambert of the Lambert of

Applicable codes: NHA AVNUC section ACCIA, NHVA 101 Life Safety Code Section A.9.
The example below shows Illuminated of 1 fe average and 0.1 fe minimum in emergency mode with EAVIII and VE distribution.



Dual Switching (DS) Option
In the stall awtiching option offer a constitution is described by the constitution of the specialization is described by the constitution of the special part



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7-7 Lighting Details - W2 Midtown Center, Lot 1, Lots 4 Madison Dane County, Wisconsin AS SHOWN 02/28/2020

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BEW - Standard Back Box

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reactions of expressing a time-marginal net rate in a probabilities of the probabilities of the probabilities of the probabilities of the marginal probabilities of the probabilities of the probabilities of the probabilities of the probabilities of the probabilities of the definition of the probabilities of probabilities of the probabilitie

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AWS - 3/8inch Architectural Wall Space

WARRANTY
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Notes Actual performs no may different result of and user or vicinities in a dispolication. A suit was a savigment appear call by involved under instende extending or point. See "C. Spread institution in a disposition of the contract of t