URBAN DESIGN COMMISSION APPLICATION



City of Madison Planning Division 126 S. Hamilton St.



FOR OFFICE USE ONLY:				
Paid	Receipt #			
Date received				
Received by	West Market Control of the Control o			
Aldermanic District				
Zoning District	VALUE OF THE PARTY			
Urban Design District				
Submittal reviewed by				

		30X 2985		2005				Date re	eceived			~~~~ <u>~~~</u>	
		son, WI 266-46		-2303				Received by					
	VECONSI								Aldermanic District				
	Complete all sections of this application, including							Zoning	District				
						action, medu		Urban	Design District				
	format	ts or othe	accomn	nodations	to a	naterials in alte ccess these for amediately.		Submit	ttal reviewed by				
1.	Proje	ct Inforr	mation										
	Addre				hing	gton Avenue	:						
	Title:	•	The Av	/enue						· · · · · · · · · · · · · · · · · · ·			
2	Annli	cation T	vne (ch	neck all t	·hət	annly) and I	Requested Da	tο					
		neeting			.iiut		er 5, 2018						
		New deve		•	<u> </u>			or previ	ously-approved	development			
		nformati	•			Initial appr	_	SI PICTI	Final approval	acveropment			
_						• • •			•••				
3.		ct Type				_							
	_	-		an Desigr				Sigr	nage				
		•				District (DC), I æd-Use Cente	Jrban r District (MXC)			e Design Review		h airdht	
	C		nstitutio				District (SEC), ment Campus	Oth	area, and setb		tion of signage l	reignt,	
		•	•	ment (PD)				Please specify				
	_		•	elopmen	-	n (GDP)					40.00		
		☐ Spec	ific Impl	ementat	ion F	Plan (SIP)							
	⊠ P	Planned N	/lulti-Us	e Site or	Resi	dential Buildi	ng Complex						
4.	Appli	cant, Ag	ent, an	d Prope	rty	Owner Info	rmation						
	Applic	cant nam	ne _	Lorrie	K. -	leinemann		Compa	any <u>Madison</u>	Development	Corporation		
	Street	address	_	550 W.	Wa	shington Av	/e	_City/St	tate/Zip <u>Madi</u>	ison, WI 53703	}		
	Teleph	none	_	608-535	5-45	72		Email	Lorrie@mdc	orp.org			
	Projec	t contac	t perso	n <u>Ke</u>	vin	Burow		Compa	any <u>Knothe 8</u>	& Bruce Archit	ects, LLC		
	Street	address	-	7601 U	nive	rsity Avenu	e, Suite 201	_City/St	tate/Zip <u>Middl</u> e	eton. WI 5356	2		
	Teleph	none	_	608-836	<u>6-36</u>	90		Email	kburow@knc	othebruce.com			
	Prope	rty own	er (if no	ot applica	ant)	same							
	Street	address						_City/St	ate/Zip	Harles			
	Telephone							Email					

5. Required Submittal Materials

- **Application Form**
- Letter of Intent
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- \square Development plans (Refer to checklist provided below for plan details)

n/a□ Filing fee

X Electronic Submittal*

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

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

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

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

6. Applicant Declarations

Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with or or
The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.
icant name Lorrie K. Heinemann Relationship to property Owner
orized signature of Property Owner Day Scholas V. P. ty L.H. Date 10/12/18
li

7. Application Filing Fees

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

fee for your request:

Plea	se consult the schedule below for the appropriate fee
	Urban Design Districts: \$350 (per §35.24(6) MGO).
	Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX): \$150 (per §33.24(6)(b) MGO)
	Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
	Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
	All other sign requests to the Urban Design Commission, including, but not limited to: appeals

from the decisions of the Zoning Administrator,

requests for signage variances (i.e. modifications of

signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

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

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

URBAN DESIGN COMMISSION APPROVAL PROCESS



Introduction

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

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

Types of Approvals

There are three types of requests considered by the UDC:

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

Presentations to the Commission

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

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

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

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST



The items listed below are minimal application requirements for the type of approval indicated. Please note that the UDC and/ or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- ☑ Locator Map
- ☑ Letter of Intent (If the project is within a Urban Design District, a summary of <u>how</u> the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- ☑ Site Plan
- ▼ Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

- 1. Title block
- 2. Sheet number
- 3. North arrow
- 4. Scale, both written and graphic
- 5. Date
- 6. Fully dimensioned plans, scaled at 1"= 40' or larger

** All plans must be legible, including the full-sized landscape and lighting plans (if required)

2. Initial Approval

	Locator	M	ap
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- Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- ☐ Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- ☑ Landscape Plan and Plant List (must be legible)
- Building Elevations in both black & white and color for all building sides (include material callouts)
- ☐ PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

3. Final Approval

All the requirements of the Initial Approval (see above), plus:

- ☑ Grading Plan
- Proposed Signage (if applicable)
- ☑ Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- ☐ Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- ☑ PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials (presented at the UDC meeting)

4. Comprehensive Design Review (CDR) and Variance Requests (Signage applications only)

Locator Map
Letter of Intent (a summary of \underline{how} the proposed signage is consistent with the CDR or Signage Variance criteri is required)
Contextual site information, including photographs of existing signage both on site and within proximity to the project site
Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit

October 17, 2018

Ms. Heather Stouder
Department of Planning & Development
City of Madison
215 Martin Luther King Jr. Boulevard
PO Box 2985
Madison, Wisconsin 53701

Re: Letter of Intent 1954 E. Washington Ave. KBA Project #1745

Ms. Heather Stouder:

The following is submitted together with the plans and application for the staff and Plan Commission's consideration of approval.

Organizational structure:

Owner: Madison Development Corporation Architect: Knothe & Bruce Architects, LLC 550 W. Washington Ave 7601 University Avenue, Ste 201

550 W. Washington Ave Madison, WI 53703 608-535-4572

Contact: Lorrie K. Heinemann

Lorrie@mdcorp.org

Engineer: Burse Surveying and Engineering, Inc. Landscape Skidmore Property Services, LLC

2801 International Lane, Suite 101

Madison, WI 53704 (608) 250-9263 (608) 250-9266 fax Contact: Peter Fortlage pfortlage@bse-inc.net Landscape Skidmore Property Services, LLC Design: 13 Red Maple Trail

Middleton, WI 53562

Contact: Kevin Burow

kburow@knothebruce.com

608-836-3690

13 Red Maple Trail Madison, WI 53717 (608) 826-0032

Contact: Paul Skidmore paulskidmore@tds.net

Introduction:

The site is located at the west corner of E. Washington Ave. and N. Second St. and extends back to E. Mifflin St. The site is currently owned and managed by Madison Development Corp and is the location for The Avenue apartments along with the privately owned Graaskamp Park. The site is currently zoned TR-V2 (Traditional Residential - Varied District 2) and we are requesting it to be rezoned to TR-UI (Traditional Residential - Urban District 1), which is more consistent with the recently updated City of Madison Comprehensive Plan. This application requests the demolition of an existing 2-story office building and the rezoning of the property to allow the construction of a new 4-story multi-family apartment building and a new 2-story townhome building in a phased development.

knothe • bruce

Letter of Intent 1954 E. Washington Ave. October 17, 2018 Page 2 of 3

Project Description:

The first phase of this proposed project is a multi-family apartment building consisting of 30 units along with 23 parking stalls in the basement parking garage. This four-story building will be located on the southwest portion of the property that current has a parking lot and two small garden shed structures.

The second phase of this proposed project is a multi-family townhome building consisting of 6 units along with two-car garages for each unit located in the exposed basement level to provide a total of 12 enclosed parking stalls. This two-story building will be located on the northeast corner of the property that current has a parking lot and a two-story commercial office building.

The existing property currently contains a total of 40 dwelling units and the newly adopted Comprehensive Plan for this Low-Medium Residential (LMR) area allows for up to 30 dwelling units/acre. Based on the total lot area this will allow up to 76 total units and we are requesting to rezone this property to the TR-UI district to better relate to this additional density. TR-UI allows for building up to five stories in height as well.

Site Development Data:

D	en	sit	ies:
$\boldsymbol{\smile}$		31 L	ICS.

Gross Lot Area III,540 sf / 2.56 Acres

Dwelling Units 76 DU

Lot Area / D.U. 1,468 sf / unit Density 30 units/acre

Building Height 2 and 4 stories

Usable Open Space 55,728 sf (24,320 sf required = 320 sf/unit)

Lot Coverage 58,484 sf = 52% (75% Max.)

Proposed New Dwelling Unit Mix:

Efficiency 2
One Bedroom 13
Two Bedroom Units 19
Three Bedroom Units 2
Total New Dwelling Units 36

Vehicle Parking:

Surface Stalls38 stallsTownhome Garages12 stallsUnderground23 stallsTotal73 stalls

Bicycle Parking for New Development:

Surface 7 stalls
Townhome Garage 6 stalls

<u>Underground Garage</u> 30 stalls (Std. 2'x6')

Total 43 stalls

Letter of Intent 1954 E. Washington Ave. October 17, 2018 Page 3 of 3

Project Schedule:

It is anticipated that the construction on this site for Phase I will begin spring of 2019 with a final completion date of spring of 2020. The start for Phase 2 will be dependent on the current tenant in the existing office building moving to a new location, which they are currently looking for new office space. It is possible that the demolition and new construction could begin in the spring of 2020 with a completion 6 months later.

Thank you for your time reviewing our proposal.

Sincerely,

Kevin Burow, AIA

Kn. P.



D-Series Size 0 LED Area Luminaire











Specifications

Weight

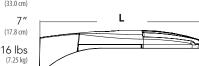
(max):

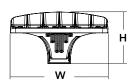
EPA: 0.95 ft² (.09 m²)

Length: 26" (66.0 cm)

Width: 13" (33.0 cm)

Height: 7" L







4 Capable Luminaire

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

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

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

- 1. See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL



Ordering Information	EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA DDBXD

DSX0 LED												
Series	LEDs			Color ter	nperature	Distrib	ution			Voltage	Mounting	
DSX0 LED	XO LED Forward optics		ED Forward optics 3		loptics 30K 3000 K T1S Type I short T5S Type V sh		Type V short	MVOLT 4,5	MVOLT 4,5 Shipped included			
	P1	P4	P7	40K	4000 K	T2S	Type II short	T5M	Type V medium	120 ⁶	SPA	Square pole mounting
	P2	P5		50K	5000 K	T2M	Type II medium	T5W	Type V wide	208 5,6	RPA	Round pole mounting
	P3	P6		AMBPC	Amber phosphor	T3S	Type III short	BLC	Backlight control ^{2,3}	240 5,6	WBA	Wall bracket
	Rotat	ed optics			converted ²	T3M	Type III medium	LCC0	Left corner cutoff ^{2,3}	277 ⁶	SPUMBA	Square pole universal mounting adaptor 8
	P101	P121				T4M	Type IV medium	RCC0	Right corner	347 5,6,7	RPUMBA	Round pole universal mounting adaptor 8
	P11 ¹	P131				TFTM			cutoff ^{2,3}	480 5,6,7	Shipped separat	tely
						T5VS	medium Type V very short				KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish)9

Control op	tions	Other options		Finish (required)			
Shipped i NLTAIR2 PER PER5 PER7	nstalled nLight AIR generation 2 enabled ¹⁰ NEMA twist-lock receptacle only (control ordered separate) ¹¹ Five-wire receptacle only (control ordered separate) ^{11,12} Seven-wire receptacle only (control ordered separate) ^{11,12}	PIRH1FC3V BL30 BL50 PNMTDD3	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc.5.13.14 Bi-level switched dimming, 30% 5.16.17 Bi-level switched dimming, 50% 5.16.17 Part night, dim till dawn 5.18	Ship HS SF DF L90	ped installed House-side shield ²⁰ Single fuse (120, 277, 347V) ⁶ Double fuse (208, 240, 480V) ⁶ Left rotated optics ¹	DDBXD DBLXD DNAXD DWHXD DDBTXD	Dark bronze Black Natural aluminum White Textured dark bronze
DMG PIR PIRH PIRHN PIR1FC3V	0-10V dimming extend out back of housing for external control (control ordered separate) Bi-level, motion/ambient sensor, 8-15′ mounting height, ambient sensor enabled at 5fc $^{5.13,14}$ Bi-level, motion/ambient sensor, 15-30′ mounting height, ambient sensor enabled at 5fc $^{5.13,14}$ Network, Bi-Level motion/ambient sensor 15 Bi-level, motion/ambient sensor, 8-15′ mounting height, ambient sensor enabled at 1fc $^{5.13,14}$	PNMT5D3 PNMT6D3 PNMT7D3 FAO	Part night, dim 5 hrs 5.18 Part night, dim 6 hrs 5.18 Part night, dim 7 hrs 5.18 Field adjustable output ¹⁹	R90 DDL Ship BS EGS	Right rotated optics ¹ Diffused drop lens ²⁰ ped separately Bird spikes ²¹ External glare shield ²¹	DBLBXD DNATXD DWHGXD	Textured black Textured natural aluminum Textured white



Ordering Information

Accessories

	Ordered and snipped separately.						
DLL127F 1.5	JU	Photocell - SSL twist-lock (120-277V) 22					
DLL347F 1.5	CUL JU	Photocell - SSL twist-lock (347V) ²²					
DLL480F 1.5	CUL JU	Photocell - SSL twist-lock (480V) ²²					
DSHORT SBI	K U	Shorting cap ²²					
DSX0HS 200	U	House-side shield for 20 LED unit 20					
DSX0HS 300	U	House-side shield for 30 LED unit 20					
DSX0HS 400	U	House-side shield for 40 LED unit ²⁰					
DSXODDL U		Diffused drop lens (polycarbonate) 20					
PUMBA DDE	BXD U*	Square and round pole universal mounting bracket adaptor (specify finish) 23					
KMA8 DDB)	(D U	Mast arm mounting bracket adaptor					

(specify finish) 8 For more control options, visit DTL and ROAM online.

- NOTES
 1 P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
 2 AMBPC is not available with BLC, LCCO, RCCO, P4, P7 or P13.

- AMBPC is not available with BLC, LCCO, RCCO, P4, P7 or P13.

 Not available with HS or DDL.

 MVDLT driver operates on any line voltage from 120-277V (50/60 Hz).

 MVDLT driver operates on any line voltage from 120-277V (50/60 Hz).

 Any PIRs with BL30, BL50 or PNMT, is not available with 208V, 240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified.

 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.

 Not available in P4, P7 or P13. Not available with BL30, BL50 or PNMT options.

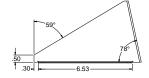
 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.

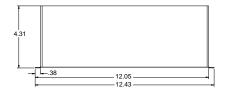
 Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).

 Must be ordered with PIRHN.
- 10
- Must be ordered with PIRHN.
 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
 Reference Motion Sensor table on page 3.
 Reference PER Table on page 3.
 Reference PER Table on page 3.
 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit this link.
 Requires (2) separately switched circuits.
 Not available with 347V, 480V or PNMT. For PER5 or PER7 see PER Table on page 3. Requires isolated neutral.
 Not available with 347V, 480V, BL30 and BL50. For PER5 or PER7 see PER Table on page 3. Separate Dusk to Dawn required.
 Not available with other dimming controls options.
 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
 Must be ordered with fixture for factory pre-drilling.
 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.

External Glare Shield

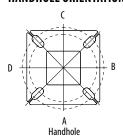


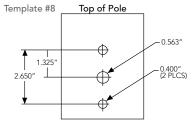




Drilling

HANDHOLE ORIENTATION





Tenon Mounting Slipfitter **

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

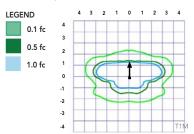
Pole drilling	j nomenclatu	re: # of heads	at degree fron	n handhole (d	efault side A)					
DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS					
1 @ 90°	2 @ 280°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°					
Side B	Side B & D	Side B & C	Round pole only	Side B, C, & D	Sides A, B, C, D					
lote: Review luminaire spec sheet for specific nomenclature										

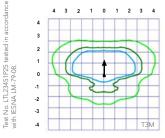
Pole top or tenon O.D.	4.5" @ 90°	4" @ 90°	3.5" @ 90°	3"@90°	4.5" @ 120°	4" @ 120°	3.5" @ 120°	3" @ 120°
DSX SPA	Υ	Υ	Y	N	-	-	-	-
DSX RPA	Υ	Υ	N	N	Υ	Υ	Υ	Υ
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Υ	Υ	Y	N
					*3 fixtur	es @120 requir	e round pole top	/tenon.

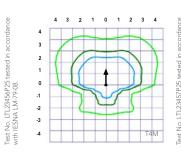
Photometric Diagrams

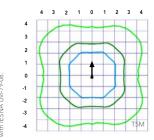
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 0 homepage.

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









est No. LTL23422P25 vith IESNA LM-79-08.



Lumen Ambient Temperature (LAT) Multipliers

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

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

Projected LED Lumen Maintenance

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

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

Operating Hours	25000	50000	100000
Lumen Maintenance Factor	0.96	0.92	0.85

Electrical Load

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

		Motion Sensor De	fault Settings			
Option	Dimmed State	High Level (when triggered)	Phototcell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min
*for use with Inline Dusk to	Dawn or timer.					

			PER Table			
Control	PER	PER	5 (5 wire)		PER7 (7 wi	re)
Control	(3 wire)		Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	~	A	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	0	V	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	0	A	Wires Capped inside fixture	A	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	0	A	Wired to dimming leads on driver	V	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	0	A	Wires Capped inside fixture	V	Wires Capped inside fixture	Wires Capped inside fixture



^{*}Future-proof means: Ability to change controls in the future.



Performance Data

Lumen Output

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

Forward (Optics																							
LED Count	Drive	Power	System	Dist.		(3000	30K K 70 ('RI)			(4000	40K K 70 ((RI)			(5000	50K K 70	CRI)		(Ambe		MBPC	onver	ted)
LLD Count	Current	Package	Watts	Туре	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
				T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125	2,541	1	0	1	73
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125	2,589	1	0	1	74
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126	2,539	1	0	1	73
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122	2,558	1	0	1	73
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126	2,583	1	0	1	74
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123	2,570	1	0	1	73
20	530	P1	38W	TFTM T5VS	4,373	2	0	0	115 120	4,711	2	0	2	124	4,771	2	0	2	126 131	2,540	1	0	1	73 76
				T5S	4,548 4,552	2	0	0	120	4,900 4,904	2	0	0	129 129	4,962 4,966	2	0	0	131	2,650 2,690	1	0	0	77
				T5M	4,532	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130	2,658	2	0	0	76
				T5W	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131	2,663	2	0	1	73
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103	2,003	-	ļ •	† ·	1,3
				LCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77					
				RCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77					
				T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124	3,144	1	0	1	70
				T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124	3,203	1	0	1	71
				T2M	5,593	1	0	1	114	6,025	1	0	1	123	6,102	1	0	1	125	3,141	1	0	1	70
				T3S	5,417	1	0	2	111	5,835	1	0	2	119	5,909	2	0	2	121	3,165	1	0	1	70
				T3M	5,580	1	0	2	114	6,011	1	0	2	123	6,087	1	0	2	124	3,196	1	0	1	71
				T4M	5,458	1	0	2	111	5,880	1	0	2	120	5,955	1	0	2	122	3,179	1	0	1	71
20	700	P2	49W	TFTM	5,576	1	0	2	114	6,007	1	0	2	123	6,083	1	0	2	124	3,143	1	0	1	70
				T5VS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129	3,278	2	0	0	73
				T5S	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129	3,328	2	0	0	74
				T5M T5W	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129	3,288	2	0	1	73
				BLC	5,834 4,572	3	0	1	93	6,285 4,925	1	0	1	128 101	6,364 4,987	3	0	1	130	3,295	2	0	1	73
				LCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76					
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76					
				T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120			-		
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120					
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121					
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117	1				
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121					
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118					
20	1050	P3	71W	TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120					
20	1050	.,	/	T5VS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125					
				T5S	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125	-				
				T5M	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125	-				
				T5W	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126	-				
				LCCO	6,429 4,784	1	0	2	91 67	6,926 5,153	1	0	2	98 73	7,013 5,218	1	0	2	99 73	-				
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73	-				
				T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116					
				T2S	9,780	2	0	2	106	10,536	2	0	2	115	10,669	2	0	2	116					
				T2M	9,831	2	0	2	107	10,590	2	0	2	115	10,724	2	0	2	117					
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113					
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10,698	2	0	2	116	1				
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114					
20	1400	P4	92W	TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116					
20	1700	'7	72 VV	T5VS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121	_				
				T5S	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121					
				T5M	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121	-				
				T5W	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122	-				
				BLC	8,036	1	0	2	87	8,656	1	0	2	70	8,766 6,523	1	0	2	95	-				
			1	LCC0	5,979	1	0	2	65	6,441	1			1 /0	1 0.573	1	0	3	71	1				



Performance Data

Lumen Output

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

Forward	Optics																							
LED Count	Drive	Power	System	Dist.			30K K, 70 (IRI)				40K K, 70 (CRI)				50K K, 70	CRI)		U		AMBPC osphor Co	onverted)	
	Current	Package	Watts	Туре	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
				T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133					
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133					
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133					
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129					
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133					_
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130					_
40	700	P5	89W	TFTM T5VS	10,842 11,276	2	0	1	122	11,680	2	0	1	131	11,828	3	0	2	133					_
				T5S	11,276	3	0	1	127 127	12,148 12,158	3	0	1	136 137	12,302 12,312	3	0	1	138					\vdash
				T5M	11,257	4	0	2	126	12,136	4	0	2	136	12,312	4	0	2	138					
				T5W	11,344	4	0	3	127	12,127	4	0	3	137	12,375	4	0	3	139					
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109					
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
				T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121	6,206	2	0	2	68
				T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3	0	3	120	6,322	2	0	2	69
				T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121	6,201	2	0	2	68
				T3S	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117	6,247	1	0	2	69
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121	6,308	2	0	2	69
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118	6,275	1	0	2	69
40	1050	P6	134W	TFTM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121	6,203	1	0	2	68
				T5VS T5S	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125	6,671	2	0	0	73
				T5M	15,426 15,387	3	0	2	115 115	16,618	4	0	2	124 124	16,828 16,786	4	0	2	126 125	6,569 6,491	3	0	1	72 71
				T5W	15,506	4	0	3	116	16,576 16,704	4	0	3	125	16,786	4	0	3	126	6,504	3	0	2	71
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99	0,504	,	U		- / 1
				LCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74					+
				RCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74					
				T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112					
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112					
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112					
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109					
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112					
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110					-
40	1300	P7	166W	TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112					
				T5VS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116					
				T5S	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117					
				T5M T5W	17,692 17,829	5	0	3	107 107	19,059 19,207	5	0	3	115 116	19,301 19,450	5	0	3	116 117					
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92					
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68					
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	_	3	68					



Performance Data

Lumen Output

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Rotated C	Optics																							
LED Count	Drive	Power	System	Dist.		(3000	30K K, 70 (CRI)			(4000	40K K, 70 (CRI)			(5000	50K K, 70 (CRI)		(Aı		AMBPC osphor Co	onverted)
	Current	Package	Watts	Type	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
				T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138					
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138					
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140					
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136					
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140					
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137					
30	530	P10	53W	TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141					
30	330	FIU	3300	T5VS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142					
				T5S	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141					
				T5M	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141					
				T5W	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139					
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116					
				LCC0	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83					
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83					
				T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376	3	0	3	130					
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129					
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132					
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127					
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132					
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129					
30	700	P11	72W	TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133					
50	700		/	T5VS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134					
				T5S	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132					
				T5M	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132					
				T5W	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131					
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109					
				LCC0	5,133	1	0	2	71	5,529	1	0	2	77	5,599	1	0	2	78					
				RCCO	5,126	3	0	3	71	5,522	3	0	3	77	5,592	3	0	3	78					
				T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253	3	0	3	127					
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127					_
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129					-
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125					1
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129					
				T4M	12,058	4	0	4	116 119	12,990	4	0	4	125	13,154	4	0	4	126					
30	1050	P12	104W	TFTM T5VS	12,369 12,456	3	0	1	120	13,325 13,419	3	0	1	128 129	13,494 13,589	4	0	1	130 131					_
				T5S	12,456	3	0	1	119	13,306	3	0	1	129	13,474	3	0	1	130					-
				T5M	12,349	4	0	2	119	13,303	4	0	2	128	13,471	4	0	2	130					
				T5W	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128					
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107					
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76					
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76					
				T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123					
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122					1
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125					_
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120					_
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124					
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122					
	4200		42011	TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125					
30	1300	P13	128W	T5VS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126					
				T5S	14,679	3	0	1	115	15,814	3	0	1	124	16,014	3	0	1	125					
				T5M	14,676	4	0	2	115	15,810	4	0	2	124	16,010	4	0	2	125					
				T5W	14,544	4	0	3	114	15,668	4	0	3	122	15,866	4	0	3	124					
				BLC	7919	3	0	3	62	8531	3	0	3	67	8639	3	0	3	67					
				LCCO	5145	1	0	2	40	5543	1	0	2	43	5613	1	0	2	44					
					5139	3	0	3	40	5536	3	0	3	43	5606	3	0	3	44					



FEATURES & SPECIFICATIONS

INTENDED USE

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

CONSTRUCTION

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

FINISH

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

OPTICS

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

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of

 $100,\!000\,hours\,with<\!1\%\,failure\,rate.\,Easily\,serviceable\,10kV\,surge\,protection\,device\,meets\,a\,minimum\,Category\,C\,Low\,operation\,(per\,ANSI/IEEE\,C62.41.2).$

INSTALLATION

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

LISTINGS

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

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

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

WARRANTY

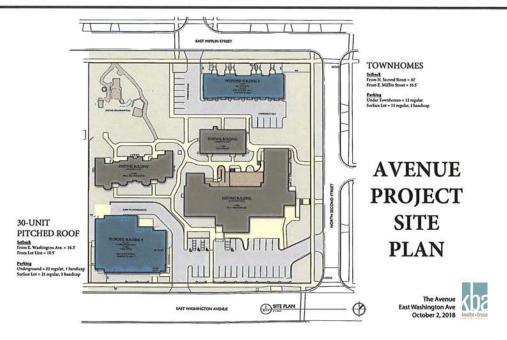
5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.asp

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.





MDC AVENUE PROJECT - 11.29.2018



MDC is proposing a 3-phase redevelopment of our Avenue property on E. Washington Avenue.
Phase I includes the construction of a new 30-unit apartment complex on E. Washington Ave – breaking ground in 2019 and being completed in May 2020. Phase II includes applying for historic tax credits so we can rehab the existing 28-unit (former hospital) site, then completing the rehabilitation in 2020 after the 30-unit has been completed (so existing tenants can move to the new building during rehab). Phase III will be the demolition of the Options office building on 2nd & E. Mifflin, the building of a new 6-unit townhome on E. Mifflin, and the renovation of the James A. Graaskamp Park. The date of Phase III will be determined by when Options gives MDC notice of their intent to relocate.

On 10/17/18, MDC requested approval from the City of Madison for the demolition of an existing building, the rezoning from TR-V2 to TR-U1, and conditional-use approval for the redevelopment.

PROPOSED 30-UNIT BUILDING ON E. WASH. AVE.





FRONT VIEW

SIDE VIEW

JAMES A. GRAASKAMP PARK TO BE REDESIGNED BY UW-MADISON STUDENTS

Tucked into a historic residential neighborhood at 1953 East Mifflin St. in Madison, WI is the James A. Graaskamp Park. Dedicated to the "Chief" on October 15, 1989, the park was the first fully-accessible park in the state of Wisconsin.

Tom Landgraf, Senior Lecturer in the Wisconsin School of Business, and Jim LaGro, Professor of Planning & Landscape Architecture, will be leading the students in the redesign efforts. We will be welcoming assistance from UW Alumni and neighbors over the next 12 to 24 months as we proceed with the redesign.

TIMELINE OF 30-UNIT BUILDING ON E. WASH. AVE.

EVENT	ESTIMATED COMPLETION DATE
EENA Meetings with MDC and Knothe Bruce Architects	12/20/17 1/17/18 3/21/18 6/20/18
MDC-Hosted Neighbor and Tenant Meetings	4/18/18 10/9/18
Alder Larry Palm Neighborhood Meeting	9/26/18 at East High School
Urban Design Commission Application	10/17/18
Break Ground on 30-Unit Building	Target Date - 5/1/19
Graaskamp Park Redesign Project with UW	10/1/18 to 6/1/19
Completion of 30-Unit Apartment Building	5/1/20 Target Date

6-UNIT TOWNHOME ON E. MIFFLIN STREET



Each unit will include a two-car garage and a balcony in the back of the building.

MDC HOUSING

MDC is focused on providing affordable housing for working residents whose household income falls between 40% and 80% of Dane County's median household income, which was \$64,773 as of 2016*.

MDC's business model is to buy, develop, hold, and manage all of our properties.

*Rental Pricing for the majority of MDC's units is based on HUD's HOME Funds Chart and affordability guidelines provided by the City of Madison. Rent is calculated using household income, unit size, and the number of individuals in the household.

NEIGHBORHOOD COMMENTS ADDRESSED

During the past year, MDC has met with EENA neighbors seven times. We started with 3 concept site plans which included 2 apartment buildings (1 on E. Mifflin, 1 on E. Washington) and pivoted to a larger 27-Unit on East Wash with an 8-unit Townhome on E. Mifflin. After the 9/26/18 Alder meeting, concerns were expressed about density on E. Mifflin and loss of greenspace on 2nd & Mifflin. MDC revised the plans and increased the density on E. Wash to a 30-Unit and took the Townhome down to 6 units on E. Mifflin. During the meetings this past year, several neighborhood concerns were raised and addressed.

Traffic: Concerns were raised about the traffic coming in and out of the Options in Community Living building. Options has 50 employees on site and 320 employees in the region. MDC's initial goal was to keep Options on site, and move them to the new building on E. Wash. We pivoted and agreed to make the entire site residential, so we're working with Options to relocate so their building can be razed.

Parking: Concerns were raised re: Options staff and visitors parking on the streets, students from East High School using street parking spots, as well as people who park on E. Wash all day and take the bus downtown to work. Neighbors can petition City for 2-hour parking and MDC will support this. When all 3 Phases are complete, tenants in our 76 units will have access to 23 underground parking spots at the 30-unit and 24 surface spots, 12 garage spots at the 6-unit Townhome and 12 surface spots on E. Mifflin (Total of 71 auto spots, 30 underground bike racks + 4 outside bike racks, plus MDC plans to apply for a B-Cycle station through the City). The parking ratio is 71 spots/76 units or 93%.

Density: MDC currently has 40 occupied units on site, Options has 50 employees in their building and another 250 employees in the area - so at least 90 people are on site daily (at 1 person per unit). With Options leaving, the density will go down to 76 people (at 1 per unit) from 90 people.

Trash & Recycling: MDC intends to put trash bins within the new 30-unit (out of sight) as we did with the Mifflander on W. Mifflin St in 2017.

Tenant Base: MDC follows the fair housing laws. We target Households whose income falls within 40% to 80% of the County Median Income (CMI). We conduct background checks including criminal, civil, and credit checks. Our goal is not to cost-burden our tenants and to keep the neighborhood safe.

Balconies: Based on the input of our current tenants at the Avenue, all of our new units will have balconies, including the 30-unit apartment and Townhome buildings. Current tenants will also have first choice of the new apartments.

Facade: MDC will work with the City and neighbors to match the facade and roofline to the neighborhood. We have pivoted from a flat roof to a pitched roof on the 30-unit based on input from the City, and designed a Townhome to fit into the roofline of E. Mifflin (pitched roof).

No Smoking Policy: MDC's goal is to have all of our buildings designated as non-smoking. We may, however, provide outside areas with ash receptacles, if requested by tenants.

AVENUE COMMUNITY INPUT AND SURVEY RESPONSES

Question asked: What do you like most about the MDC Project?

"Thanks for putting townhome parking on interior of project so we don't have to look at more cars. Happy Options may be moving, as they use all street parking during the week." - Avenue Project Neighbor

"Your commitment to making sure any changes actually benefit your tenants and your neighbors." – Avenue Project Neighbor

"I really like that the new 30-unit building will have a balcony for each unit. It will be so nice to be able to access fresh air and sunshine without having to travel outside of my apartment." – Current Avenue Resident

"Thanks for all the info! The plans look great!" - Avenue Project Neighbor

"It is great that Graaskamp Park will not only be preserved, but improved upon. The park offers people with disabilities amenities that few other parks have, as well as a space for neighbors to enjoy." – Avenue Project Neighbor

"I've never seen a dark brown building that aged well." - Current Avenue Resident

"I think it's a perfect idea! Something new and refreshing to the area. Can't wait to see it." – Current Avenue Tenant

"Nice plan preserving green spaces so it doesn't seem so crowded. The Graaskamp Park is in great need of renovation to make it more functional." – Avenue Project Neighbor

"Having the garbage and recycling bins located in the underground parking garage will make it much easier for tenants to keep up with maintenance all year round." - Current Avenue Resident

"I appreciate that MDC will be preserving existing trees on the property in addition to adding new trees on E. Mifflin Street as many were torn down by the city in years past." – Avenue Project Neighbor

"I am not in favor of any aspect of this project as it stands now." – Avenue Project Neighbor



For more information, please contact:
Lorrie Heinemann, President & CEO
Madison Development Corporation
550 W. Washington Avenue | Madison, WI 53703
Phone: 608.256.2799

Email: lorrie@mdcorp.org | Website: www.mdcorp.org

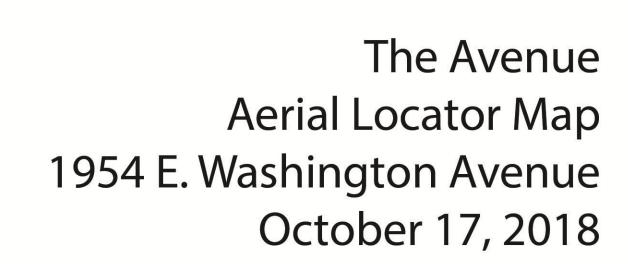




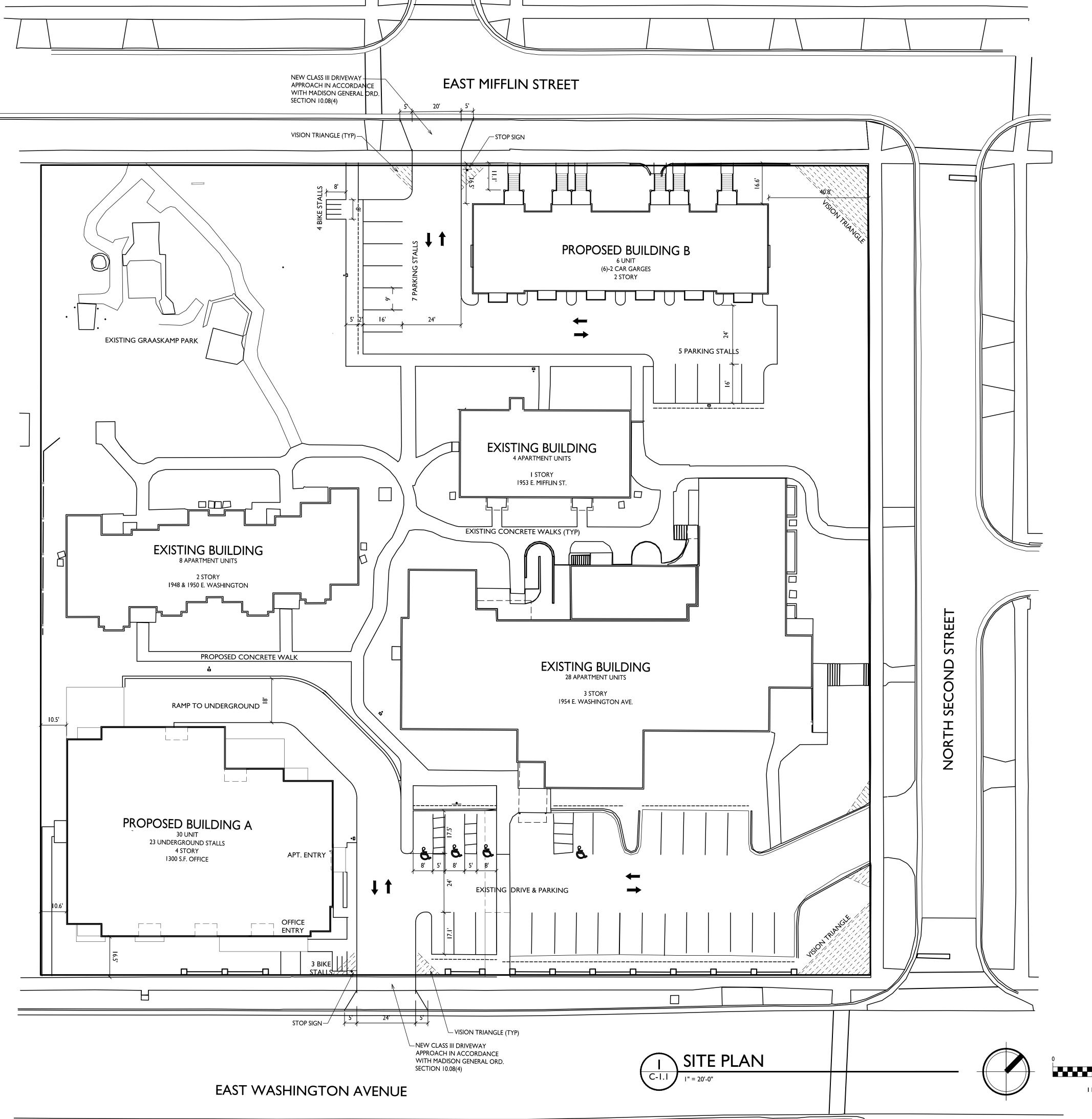


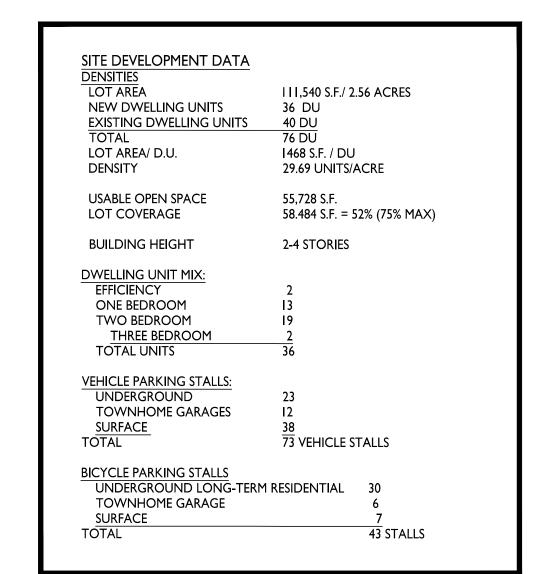












SHEET INDEX	
C-1.1	SITE PLAN
C-1.2	LIGHTING PLAN
C-1.3	FIRE ACCESS PLAN
C-1.4	LOT COVERAGE
C-1.5	USABLE OPEN SPACE
C-2.0	EXISTING CONDITIONS
C-3.0	DEMOLITION PLAN
C-4.0	CIVIL SITE PLAN
C-5.0	EROSION CONTROL PLAN
C-6.0	DETAILS
C-7.0	GRADING PLAN
C-8.0	UTILITY PLAN
L-1.1	LANDSCAPE PLAN - BLDG A
L-1.2	LANDSCAPE PLAN - BLDG B
A-1.0	BASEMENT PLAN - 30 UNIT BLDG
A-1.I	FIRST FLOOR PLAN - 30 UNIT BLDG
A-1.2	SECOND - FOURTH FLOOR PLAN - 30 UNIT BLDG
A-1.6	TOWN HOME BASEMENT - SECOND FLOOR PLAN
A-2.I	EXTERIOR ELEVATIONS - OPTION A
A-2.IC	EXTERIOR ELEVATIONS - OPTION A - COLOR
A-2.2	EXTERIOR ELEVATIONS - OPTION A
A-2.2C	EXTERIOR ELEVATIONS - OPTION A - COLOR
A-2.3	EXTERIOR ELEVATIONS - OPTION B
A-2.3C	EXTERIOR ELEVATIONS - OPTION B - COLOR
A-2.4	EXTERIOR ELEVATIONS - OPTION B
A-2.4C	EXTERIOR ELEVATION - OPTION B - COLOR
A-2.5	EXTERIOR ELEVATIONS - TOWN HOMES
A-2.5C	EXTERIOR ELEVATIONS - TOWN HOMES - COLOR
OPTION A - STRE	ET VIEW EAST RENDERING
	se street view south rendering
	ET VIEW EAST RENDERING
	SE STREET VIEW SOUTH RENDERING
	TREET CORNER RENDERING
I TOWN HOME - F	RONT VIEW RENDERING

GENERAL NOTES:

I. THE APPLICANT SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER, WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.

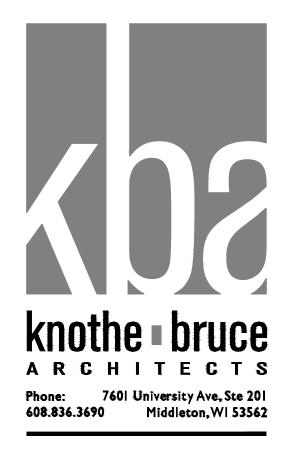
2. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.

3. ALL DAMAGE TO THE PAVEMENT ON CITY STREETS, AND ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.

4. EXISTING STREET TREES SHALL BE PROTECTED. CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK AND EXTEND IT AT LEAST 5 FEET FROM BOTH SIDES OF THE TREE ALONG THE LENGTH OF THE TERRACE. NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE OUTSIDE EDGE OF THE TREE TRUNK. IF EXCAVATION WITHIN 5 FEET OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (266-4816) PRIOR TO EXCAVATION TO ACCESS THE IMPACT TO THE TREE AND ROOT SYSTEM. TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY. TREE PROTECTION SPECIFICATIONS CAN BE FOUND IN SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

5. APPROVAL OF PLANS FOR THIS PROJECT DOES NOT INCLUDE ANY APPROVAL TO PRUNE, REMOVE, OR PLANT TREES IN THE PUBLIC RIGHT-OF-WAY. PERMISSION FOR SUCH ACTIVITIES MUST BE OBTAINED FROM THE CITY FORESTER (266-4816).

6. THE PUBLIC RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME. NO ITEMS SHOWN ON THIS SITE PLAN IN THE RIGHT-OF-WAY ARE PERMANENT AND MAY NEED TO BE REMOVED AT THE APPLICANTS EXPENSE UPON NOTIFICATION BY THE CITY.



ISSUED
Issued for Land Use & UDC - October 17, 2018

The Avenue
Expansion
Madison
Development
Corp.

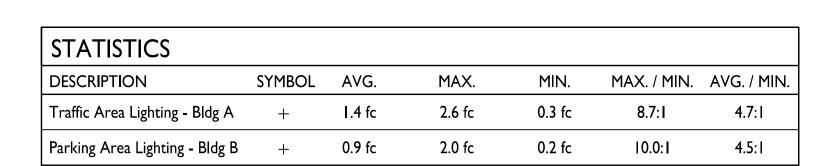
East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
Site Plan

SHEET NUMBER

C-I.I

PROJECT NO. 74

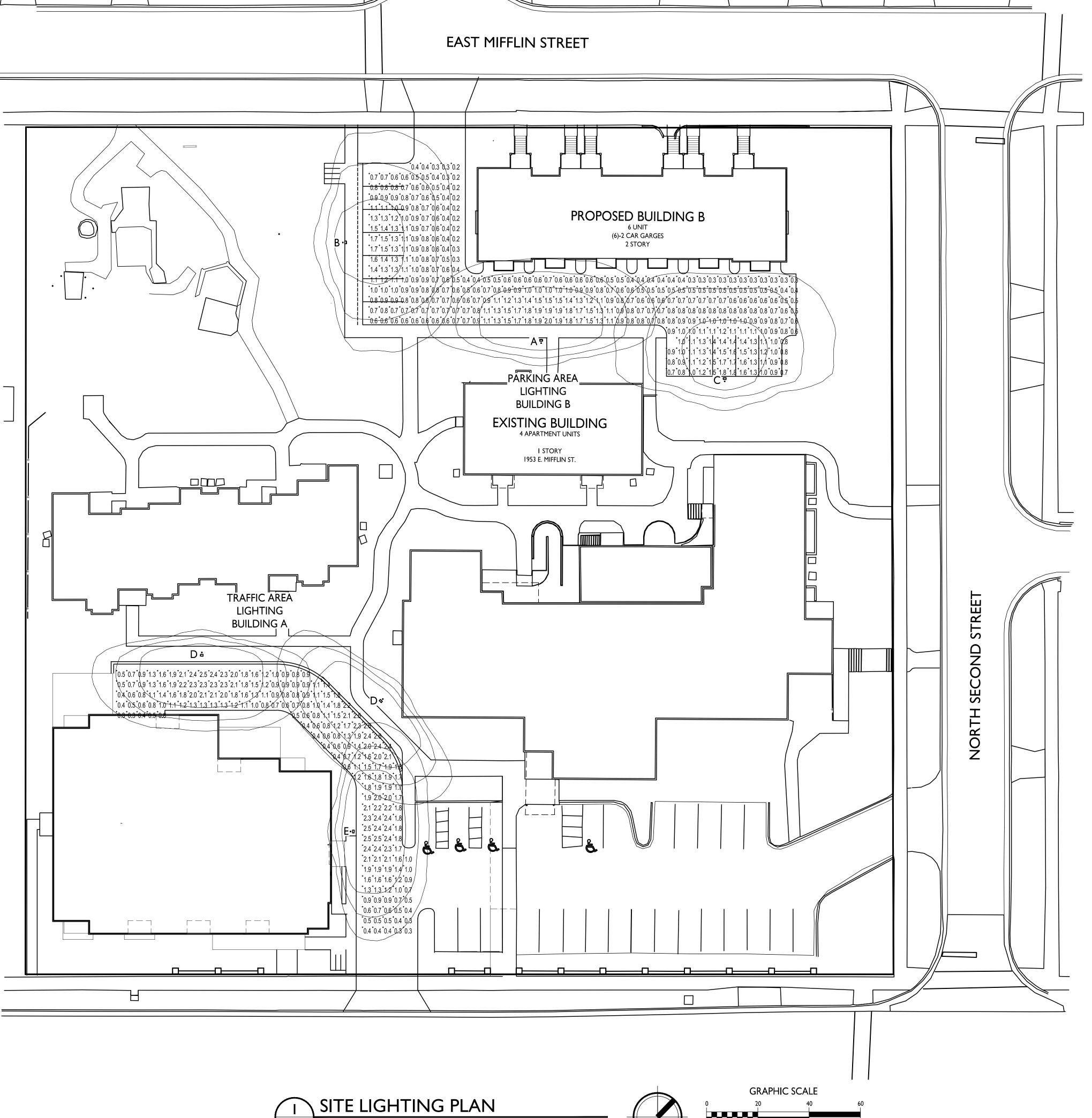
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ISOLUX CONTOUR = 1.0 FC

LIGHT FIXTURE

LUMINAIRE SCHEDULE										
SYMBOL	LABEL	QTY.	. MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING			
	A	I	LITHONIA LIGHTING	DSX0 LED PI 30K T2S MVOLT HS	DSX0 LED PI 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T2S _MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE			
	В	I	LITHONIA LIGHTING	DSX0 LED PI 30K T4M MVOLT HS	DSX0 LED PI 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T4M _MVOLT_HS.ies	18'-0" POLE ON FLUSH CONC. BASE			
	С	I	LITHONIA LIGHTING	DSX0 LED PI 30K T4M MVOLT HS	DSX0 LED PI 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T4M _MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE			
	D	2	LITHONIA LIGHTING	DSX0 LED PI 30K T2S MVOLT HS	DSX0 LED PI 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T2S _MVOLT_HS.ies	16'-0" POLE ON FLUSH CONC. BASE			
	E	I	LITHONIA LIGHTING	DSX0 LED PI 30K T2S MVOLT HS	DSX0 LED PI 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T2S _MVOLT_HS.ies	14'-0" POLE ON 2'-0" TALL CONC. BASE			
EXAMPLE LIGHT FIXTURE DISTRIBUTION										
ISOLUX CONTOUR = 0.25 FC ISOLUX CONTOUR = 0.5 FC										



(IN FEET) I INCH = 20 FT (24X36 PAPER)



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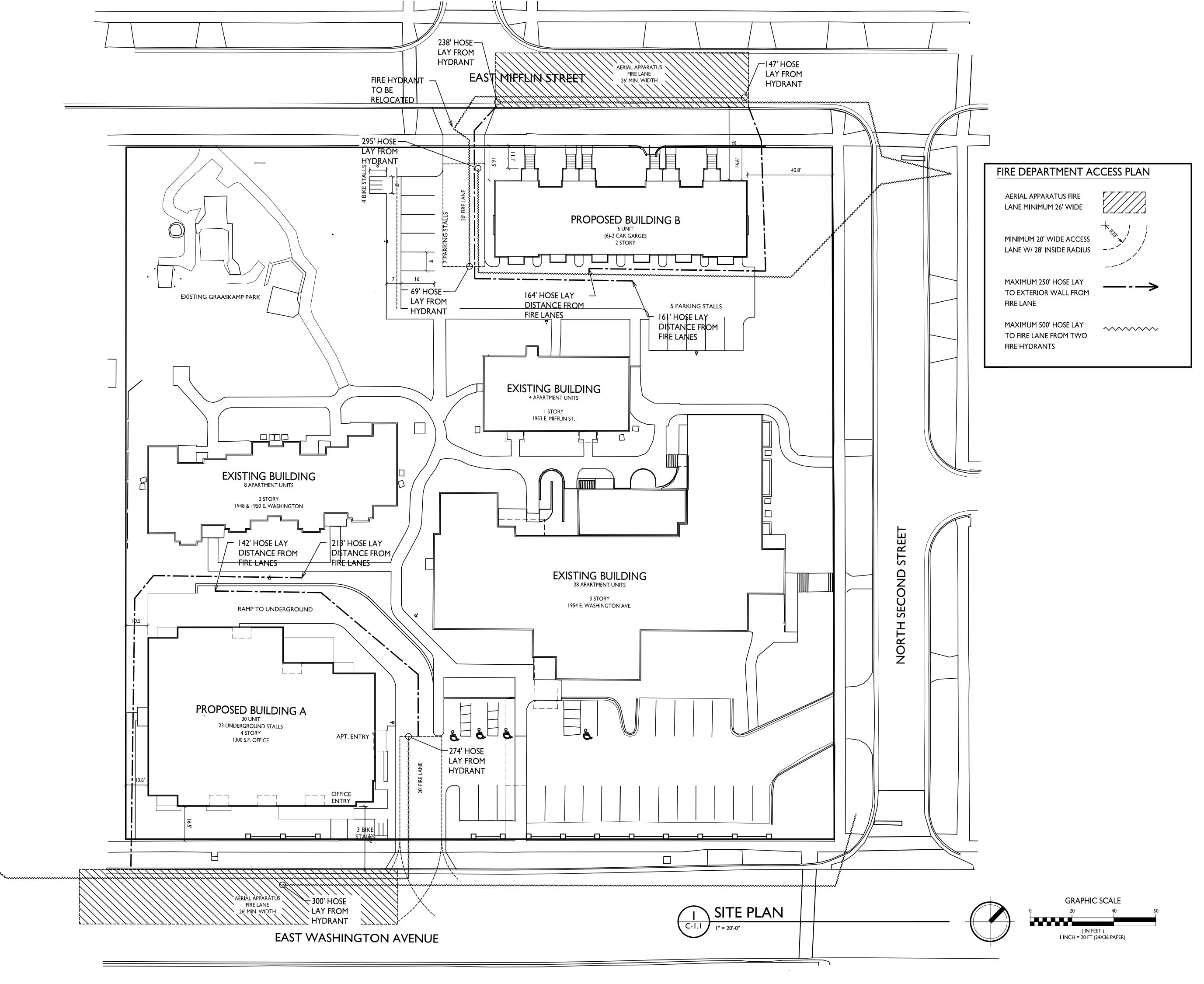
East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE

Site Lighting Plan

SHEET NUMBER

C-1.2

PROJECT NO. 1745
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East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE

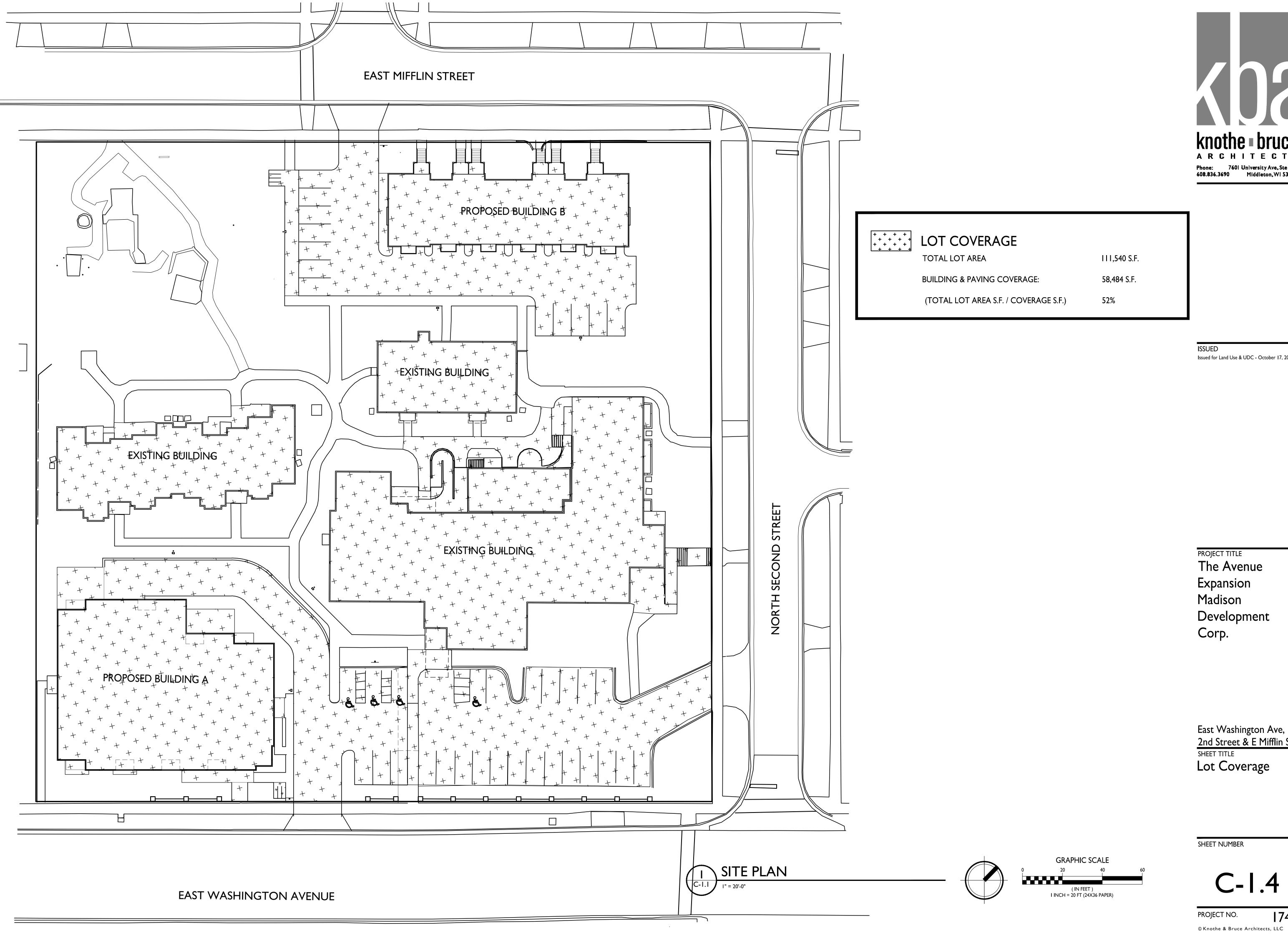
Fire Dept. Access
Plan

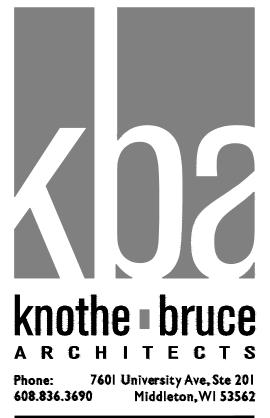
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C-1.3

PROJECT NO. **1745**

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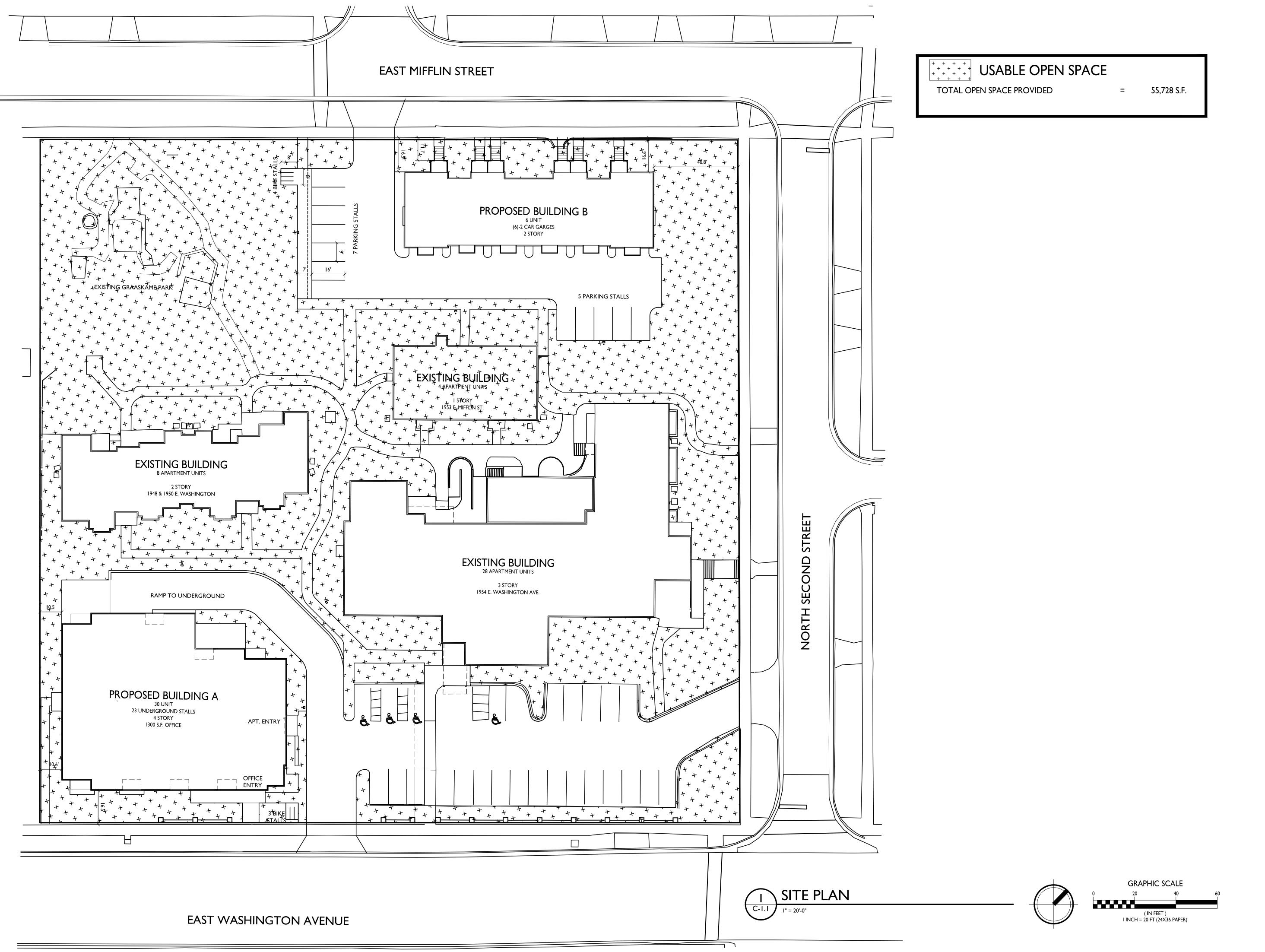
PROJECT TITLE The Avenue Expansion **Madison** Development

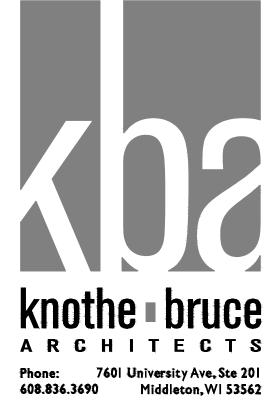
East Washington Ave, 2nd Street & E Mifflin St SHEET TITLE

Lot Coverage

SHEET NUMBER

PROJECT NO. 1745





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Madison
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Corp.

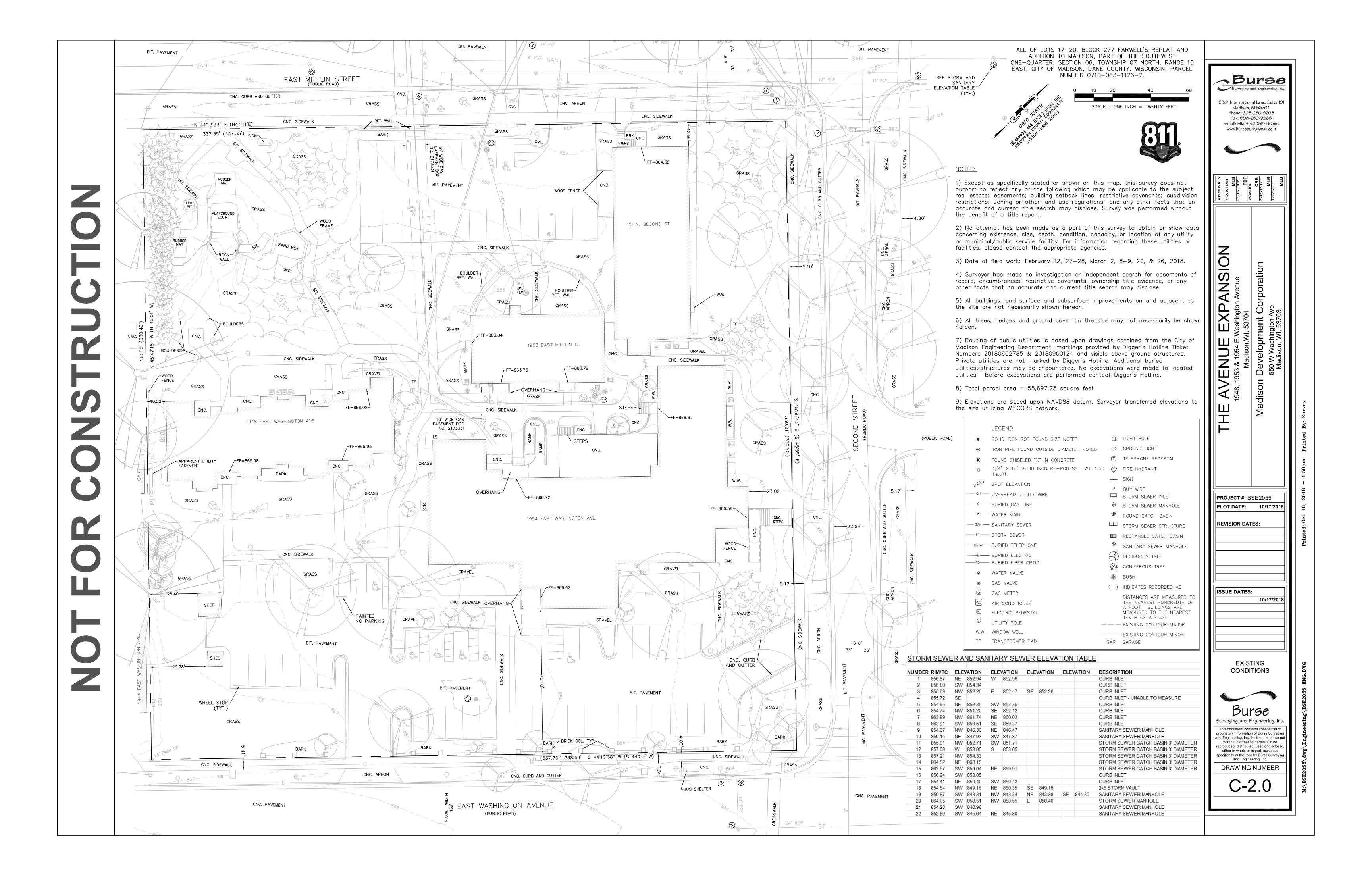
East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
Useable Open
Space

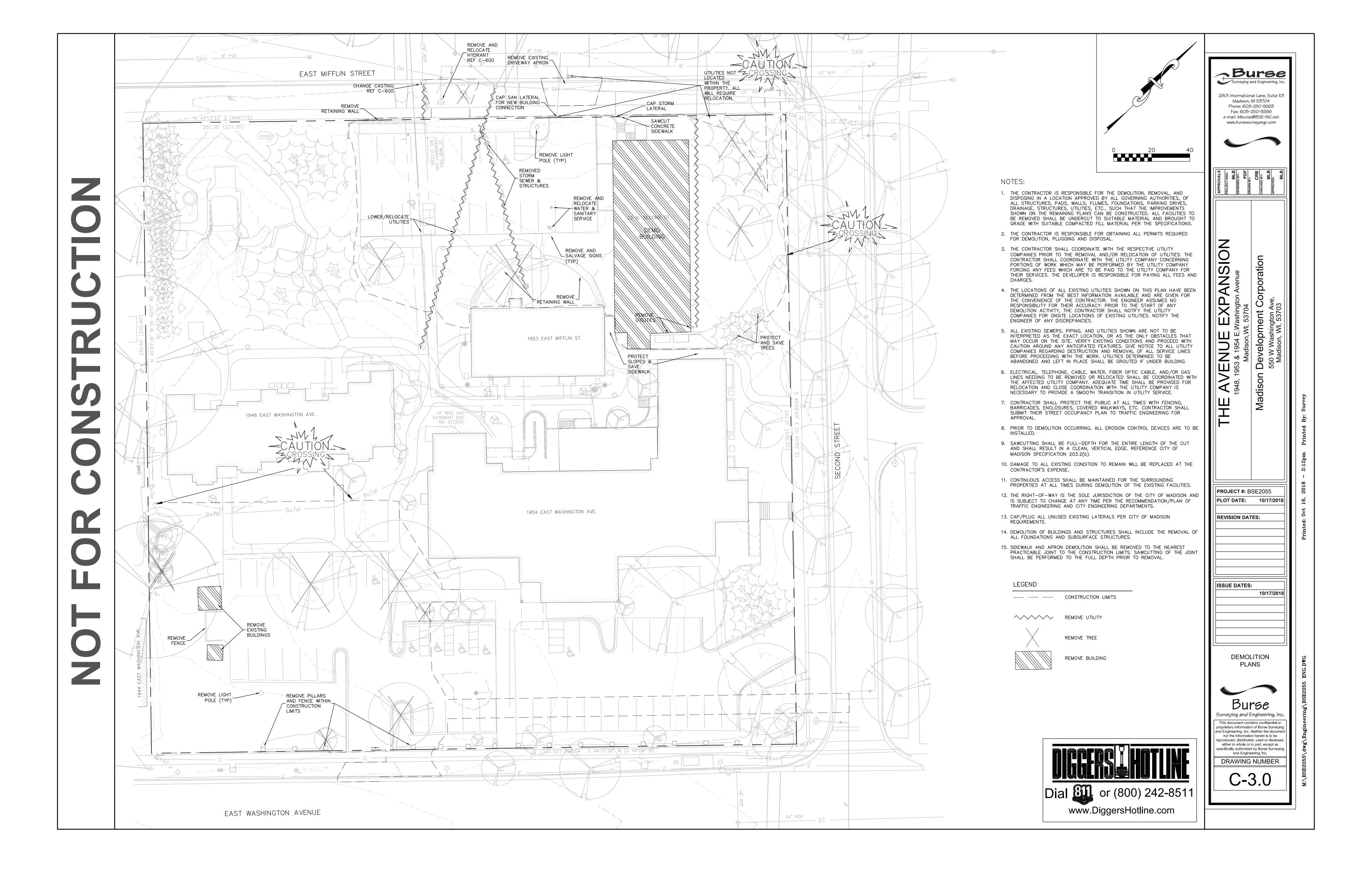
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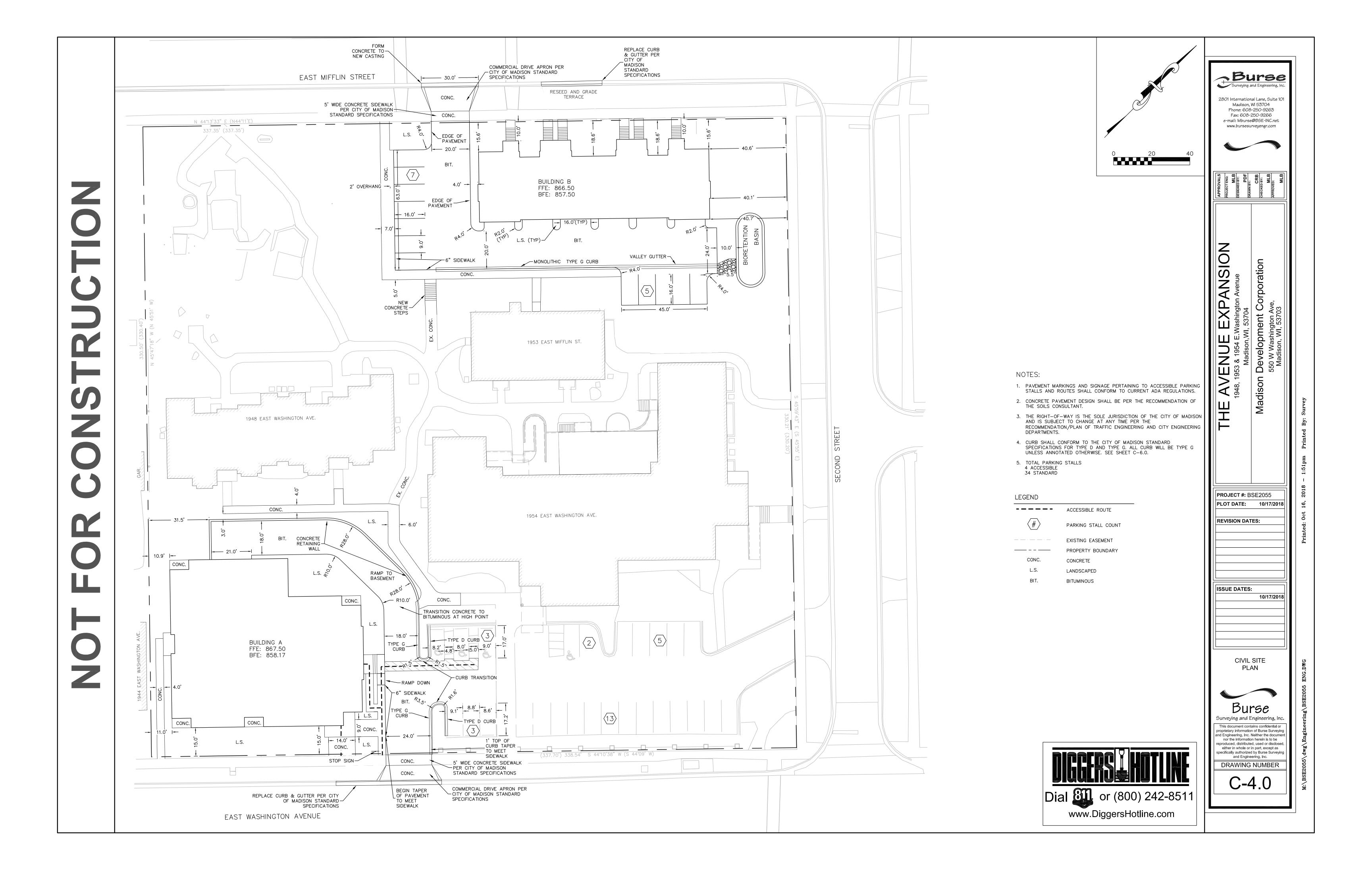
C-1.5

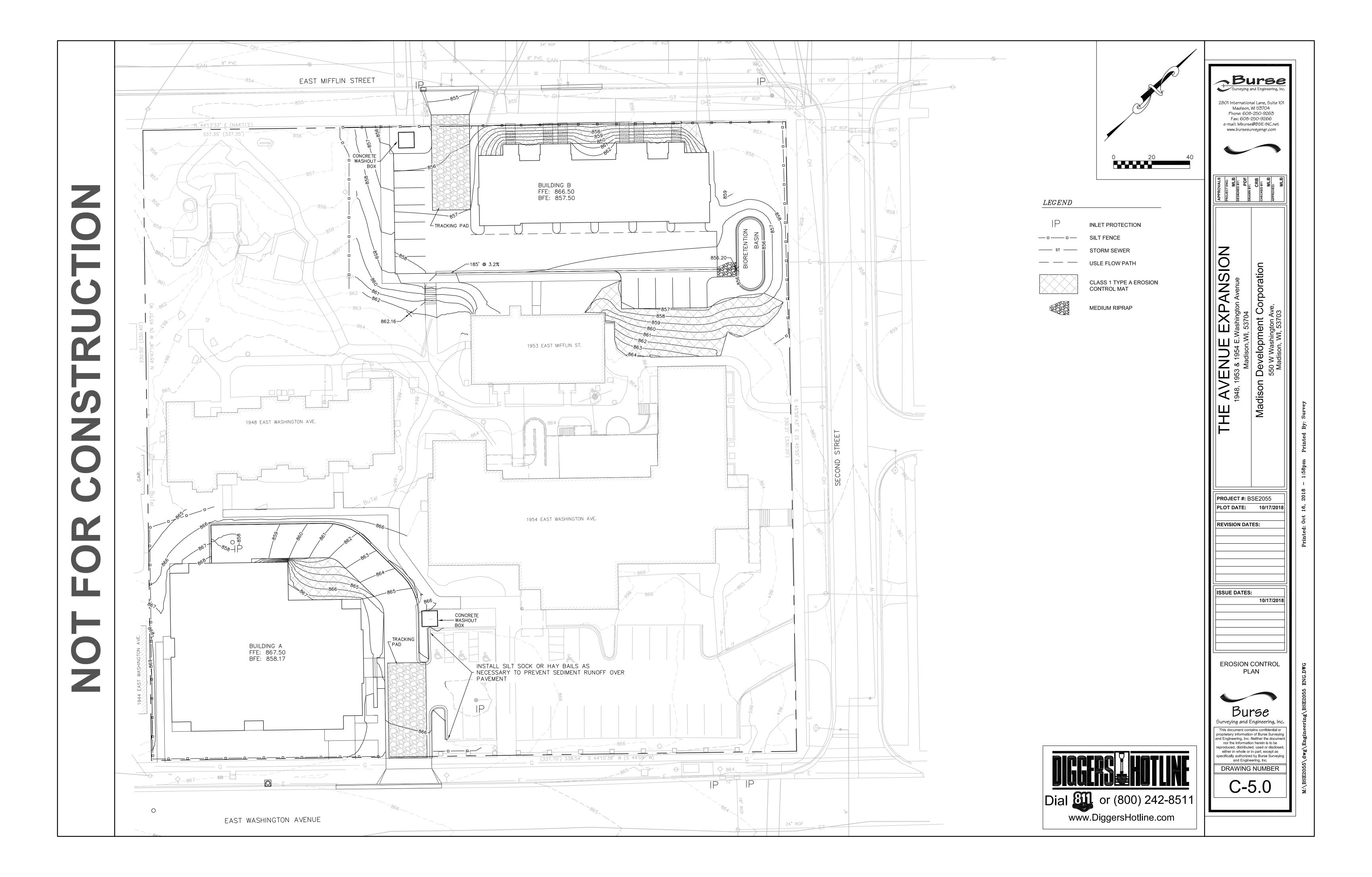
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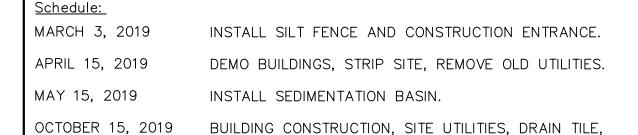
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SIDEWALK, BITUMINOUS PAVING AND CONCRETE PAVING COMPLETE.

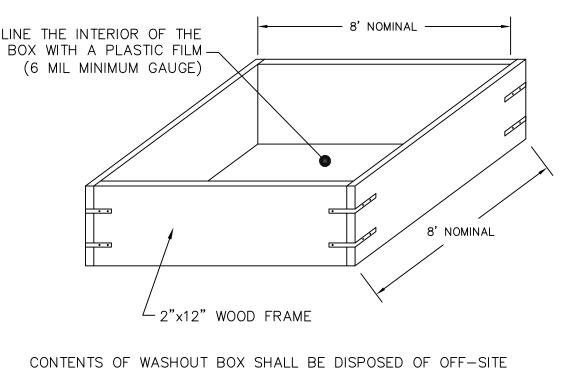
NOVEMBER 1, 2019 WINTER STABILIZATION OF SITE.

JUNE 1, 2020 SITE RESTORATION AND SEEDING COMPLETE.

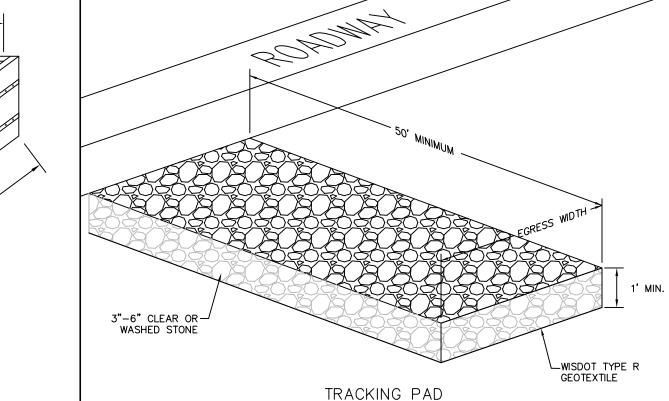
AUGUST 1, 2020 VEGETATION ESTABLISHED.

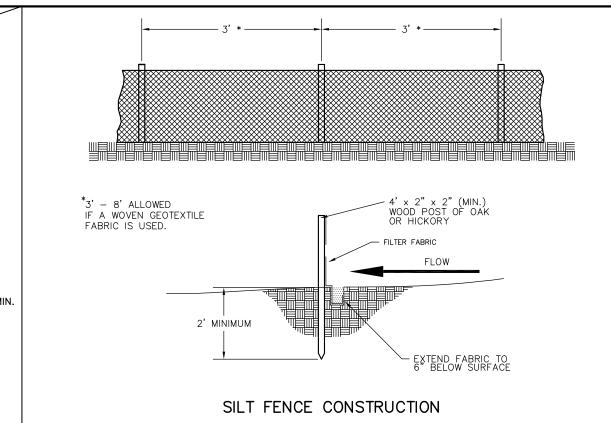
AUGUST 15, 2020 BIORETENTION BASIN CONSTRUCTED AND PLANTING

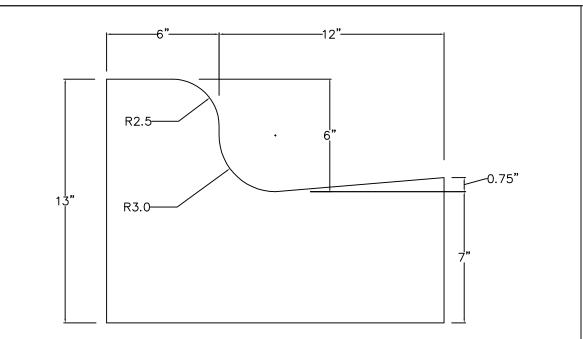
COMPLETE.



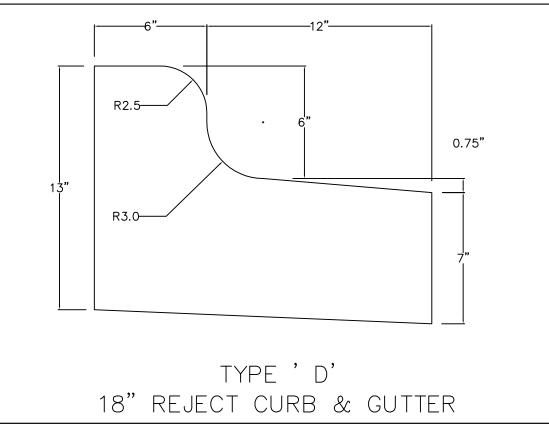
CONCRETE WASHOUT BOX DETAIL

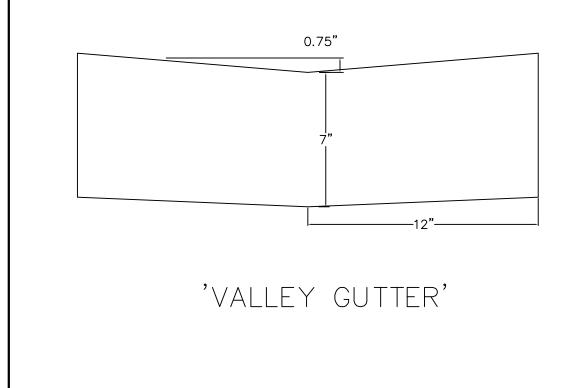






TYPE 'G' 18" ACCEPT CURB & GUTTER





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. INSPECTION SCHEDULE AND RECORD KEEPING SHALL COMPLY WITH NR 216.46(9), WIS. ADM. CODE.
- 4. CONSTRUCTION ENTRANCES PROVIDE A STONE TRACKING PAD AT EACH POINT OF ACCESS. INSTALL ACCORDING TO WDNR STANDARD 1057. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT: HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML. THE TRACKING PAD MUST BE MAINTAINED IN A CONDITION THAT PREVENTS THE TRACKING OF MATERIAL ONTO THE PUBLIC STRÉÉT.
- 5. TEMPORARY STABILIZATION USING ANIONIC POLYMER. AFTER NOVEMBER 1, 2019, ANIONIC POLYACRYLAMIDE WILL BE APPLIED TO ALL DISTURBED AREAS WHERE THE MUNICIPALITY'S ENGINEER OR WDNR REPRESENTATIVES DEEM STABILIZATION AND/OR EROSION TO BE PROBLEMATIC. APPLICATION OF POLYACRYLAMIDE WILL BE ACCORDING TO WDNR CONSERVATION PRACTICE STANDARD 1050, EROSION CONTROL LAND APPLICATION OF ANIONIC POLYACRYLAMIDE. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT: HTTP: //DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML
- 6. SOIL STOCKPILES A ROW OF SILT FENCE PLACED DOWNSLOPE AND AT LEAST 10 FEET AWAY FROM THE STOCKPILE SHALL PROTECT ALL STOCKPILES. SOIL STOCKPILES THAT ARE INACTIVE FOR MORE THAN 14 CONSECUTIVE DAYS SHALL BE STABILIZED WITH SEED & MULCH, EROSION MAT, POLYMER, OR COVERED WITH TARPS OR SIMILAR MATERIAL. NO STOCKPILE SHALL BE PLACED WITHIN 20 FEET OF A DRAINAGE WAY.
- 7. DEWATERING WATER PUMPED FROM THE SITE SHALL BE TREATED BY USING A TEMPORARY SEDIMENTATION BASIN, PORTABLE DEWATERING BASIN, GEOTEXTILE BAG, OR AN EQUIVALENT DEVICE. SHOW ON THE PLAN THE ANTICIPATED LOCATIONS OF DEWATERING ACTIVITY, AND PROVIDE AN ENGINEERING DETAIL OF THE DEWATERING SYSTEM. DEVISES SHALL COMPLY WITH WDNR TECHNICAL STANDARD 1061 FOUND AT: HTTP: //DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML THIS WATER SHALL BE DISCHARGED IN A MANNER THAT DOES NOT INDUCE EROSION OF THE SITE OR ADJACENT

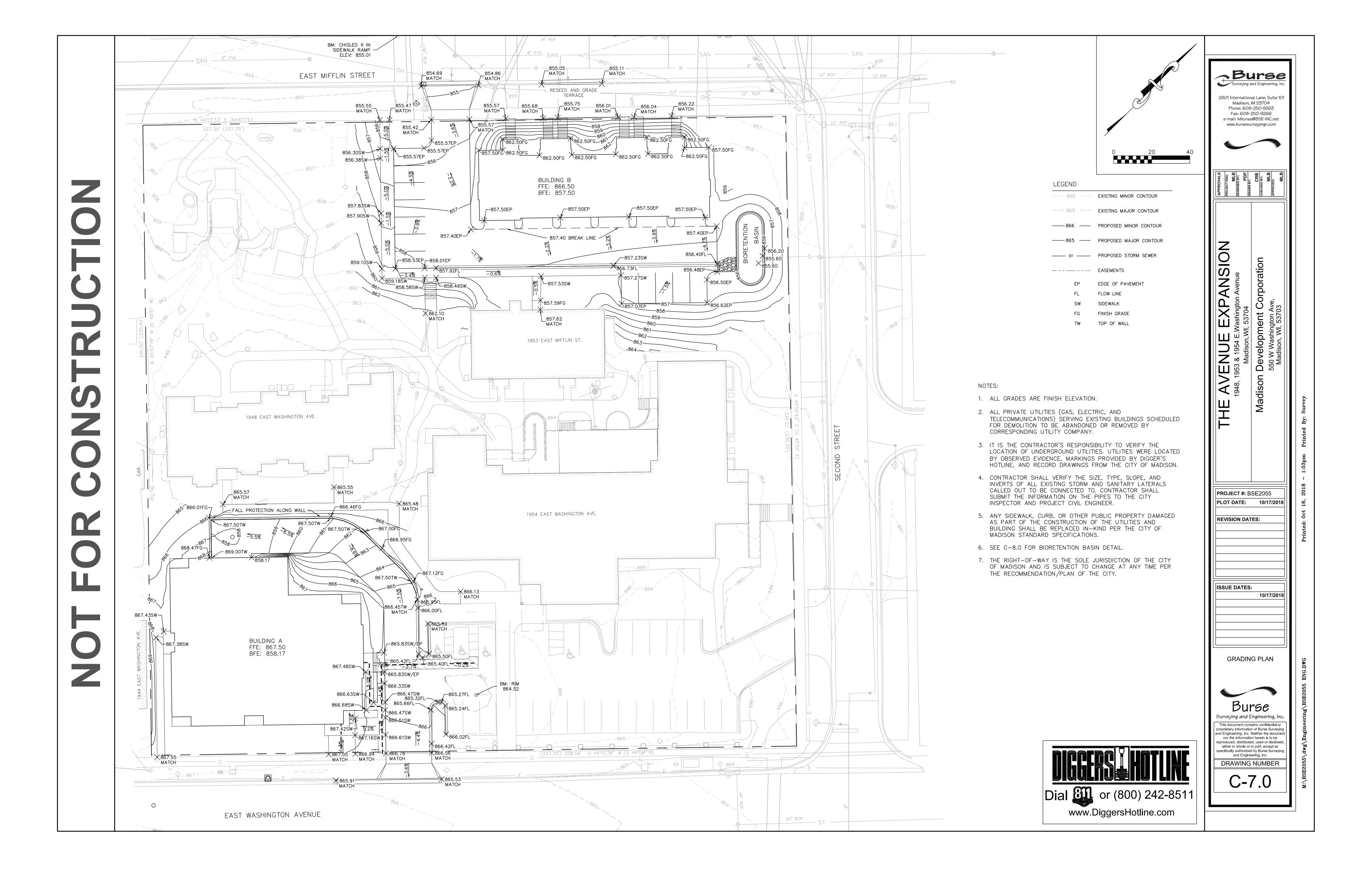
- 8. STORM SEWER INLETS PROVIDE WOOT TYPE D "CATCHALL" INLET PROTECTION OR EQUIVALENT. REFER TO WOOT PRODUCT ACCEPTABILITY LIST AT: HTTP: //WWW.DOT.WISCONSIN.GOV/BUSINESS/ENGRSERV/PAL.HTM. INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE STORM SEWER SYSTEM RECEIVING SITE RUNOFF. OTHER THAN FOR PERFORMING MAINTÉNANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL PLAT-LEVEL STABILIZATION IS COMPLETE.
- 9. BUILDING AND WASTE MATERIALS SHALL BE PREVENTED FROM RUNNING—OFF THE SITE AND ENTERING WATERS OF THE STATE IN CONFORMANCE WITH NR151.12(6M).
- 10. NO SOLID MATERIAL SHALL BE DISCHARGED OR DEPOSITED INTO WATERS OF THE STATE IN VIOLATION OF CH. 30 OR 31 OF THE WISCONSIN STATE STATUTES OR 33 USC 1344 PERMITS.
- 11. EROSION CONTROL DEVICES SHALL ADHERE TO THE TECHNICAL STANDARDS FOUND AT: HTTP://DNR.WI.GOV/RUNOFF/STORMWATER/TECHSTDS.HTM AND COMPLY WITH ALL CITY OF MADISON ORDINANCES. 12. ALL DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE BE SWEPT OR SCRAPED CLEAN BY THE END OF EACH WORKDAY.
- 13. ALL BUILDING AND WASTE MATERIAL SHALL BE HANDLED PROPERLY TO PREVENT RUNOFF OF THESE MATERIALS OFF OF THE SITE.
- 14. ALL DISTURBED AREAS SHALL BE SEEDED IMMEDIATELY AFTER GRADING ACTIVITIES HAVE BEEN COMPLETED.
- 15. ALL DISTURBED AREAS, EXCEPT PAVED AREAS, SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, FERTILIZER, SEED, AND MULCH. SEED MIXTURES SHALL BE SELECTED APPROPRIATE TO THE INTENDED FUNCTION. À QUALIFIED LANDSCAPING CONTRACTOR, LANDSCAPE ARCHITECT OR NURSERY CAN BE CONSULTED FOR RECOMMENDATIONS. SEEDING RATES SHALL BE BASED ON POUNDS OR OUNCES OF PURE LIVE SEED PER ACRE AND SHALL BE PROVIDED BY THE SEED SUPPLIER. FERTILIZER CAN BE APPLIED TO HELP PROMOTE GROWTH, BUT A SOIL TEST IS RECOMMENDED TO DETERMINE THE TYPE AND AMOUNT OF FERTILIZER TO BE APPLIED. ALL SEEDING AND RESTORATION SHALL BE IN CONFORMANCE TO WORR TECHNICAL STANDARD 1059 FOUND AT HTTP: //DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML.
- 16. 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.
- 17. 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.
- 18. THE BIORETENTION BASIN AREAS SHALL BE EXCAVATED TO THE PLAN DEPTH AT THE START OF CONSTRUCTION TO BE USED AS A SEDIMENT TRAP. THE BASINS SHALL HAVE THE ACCUMULATED SEDIMENT REMOVED WHEN IT REACHED A DEPTH OF 4" FROM OVERTOPPING. AT THE COMPLETION OF THE PROJECT, THE BASIN SHALL BE RE-EXCAVATED TO THE PLAN ELEVATION AND COMPLETED PER THE DETAILS AND SPECIFICATIONS FOR BIORETENTION. THE ENGINEER SHALL BE NOTIFIED WHEN THE BASINS ARE BEING COMPLETED SO THAT THEY CAN CERTIFY THEIR INSTALLATION.

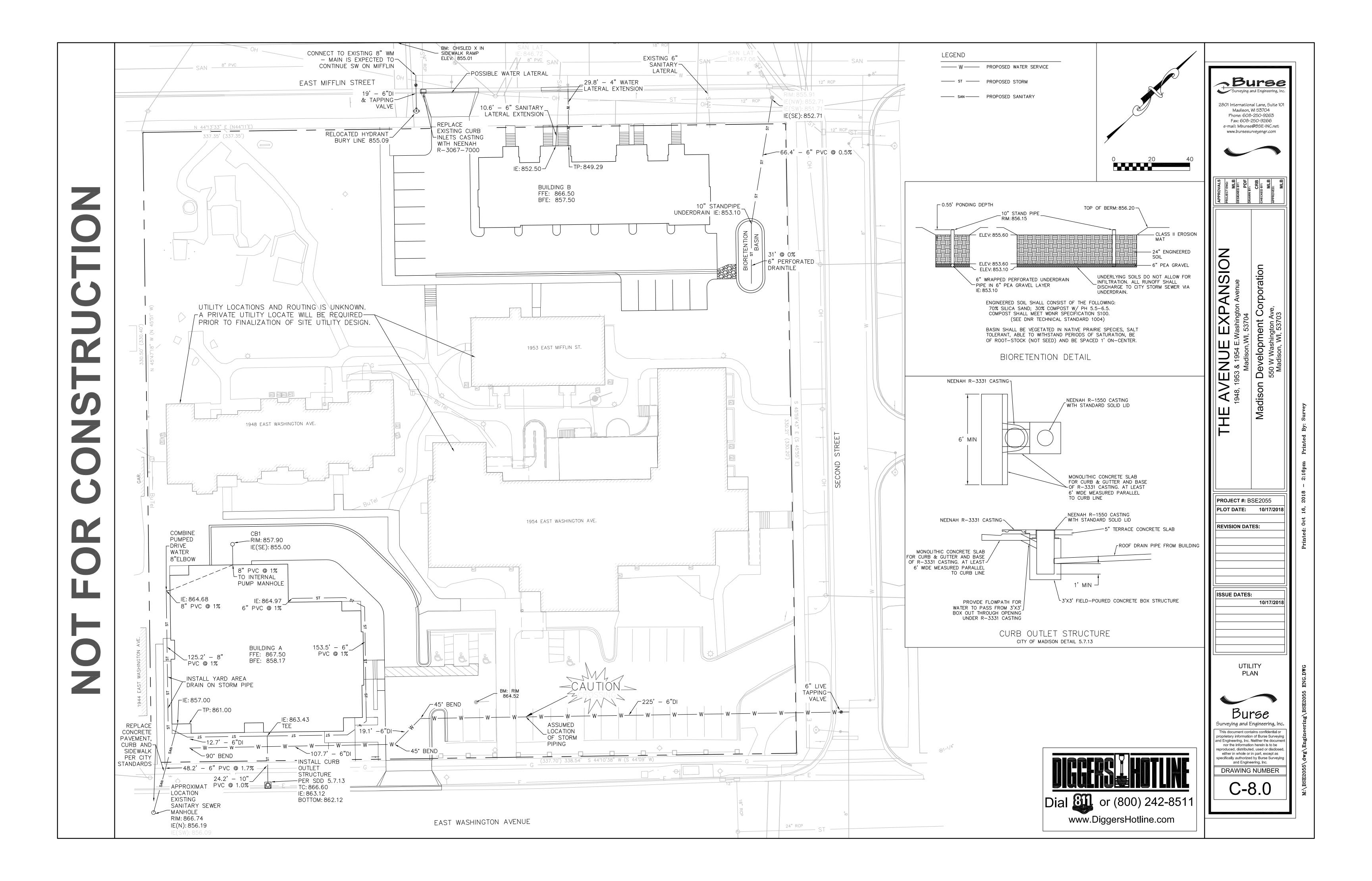
<u>Emergency Contact</u> Lorrie K. Heinemann Madison Development Corporation 550 W. Washington Ave Madison, WI 53703 608-535-4572





DRAWING NUMBER





PLANT LIST

KEY	SIZE	QUAN	COMMON NAME	Botanical Name	ROO
CH ECT EP SHL	2 ½" 2 ½" 12" + 2 ½" 2 ½" 2 ½"	(14) 4 1 2 3 2 2	Canopy Trees Autumn Blaze Maple Common Hackberry Existing Canopy Tree Exclamation Planetree Skyline Honeylocust Swamp White Oak	Acer Freemani Celtis Occidentalis Acer Platanus Gleditsia Tricanthos Inermis Quercus Bicolor	BB BB EX BB BB
PFC	2" 1 ½" 2"	(6) 1 3 2	Ornamental Trees Cleveland Select Pear Prairie Fire Crab Tina Sargent Crab	Pyrus Calleryana 'Cleveland Select' Malus 'Prairie Fire' Tina Malus Sargentii 'Tina'	BB BB BB
BHS	5'	(1) 1	Evergreen Trees Black Hills Spruce	Picea Pungens desata	ВВ
AC BC BF CC DCV DN GLS MCS	4' 15" 24" 18" 2 G 24" 24" 18" 18"	(122) 7 13 15 13 22 6 8 16 12 10	Deciduous Shrubs A B Serviceberry Alpine Currant Black Chokeberry Bronx Forsythia Cranberry Cotoneaster Dwarf Cranberrybush V Diablo Ninebark Gro Low Sumac Magic Carpet Flame Sp White Snowberry	iburnum Physocarpus Rhus Aromatica	BB Pot
	1 G 1 G	(11) 4 7	Perennials Little Bluestem Grass Stella De Oro Day Lily		Con Con

- 1) Lawn areas to receive a minimum of 4" of topsoil, starter fertilizer, and # 1 locally grown
- 2) Foundation planting beds to be mulched with shredded hardwood bark spread to a depth
- 3) Planting beds labeled as 'stone mulch' to be mulched with 1 1/2" washed stone mulch spread to a depth of 3" over weed barrier fabric
- 4) Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch spread to a depth of 3"
- 5) Designated planting beds to be separated from lawn areas with 5" black vinyl bed edging. 6) Owner will be responsible for maintenance after completion and acceptance.

LANDSCAPE WORKSHEET The Avenue – Building A

Landscape Points Required

Developed Area = Landscape Points: 5,202/300 x 5 =	5,202 SF 87 points
Total Landscape Points Required	87 points
Landscape Points Supplied	
Existing canopy trees – 0 @ 35 =	0 points
Proposed canopy trees - 5 @ 35 =	175 points
Existing evergreen trees – 0 @ 35 =	0 points
Proposed evergreen trees – 0 @ 35 =	0 points
Existing ornamental trees - 0 @ 15 =	0 points
Proposed ornamental trees -3 @ 15 =	45 points
Existing upright evergreen shrubs – 0 @ 10 =	0 points
Proposed upright evergreen shrubs – 0 @ 10 =	0 points
Existing deciduous shrubs – 0 @ 3 =	0 points
Proposed deciduous shrubs – 53 @ 3 =	159 points
Existing evergreen shrubs – 0 @ 4 =	0 points
Proposed evergreen shrubs – 0 @ 4 =	0 points
Existing perennials & grasses 0 @ 2 =	0 points
Proposed perennials & grasses 11 @ 2 =	22 points
Total landscape points supplied =	401 points

<u>Lot Frontage Landscape Required</u> (Section 28.142(5) Development Frontage Landscaping)

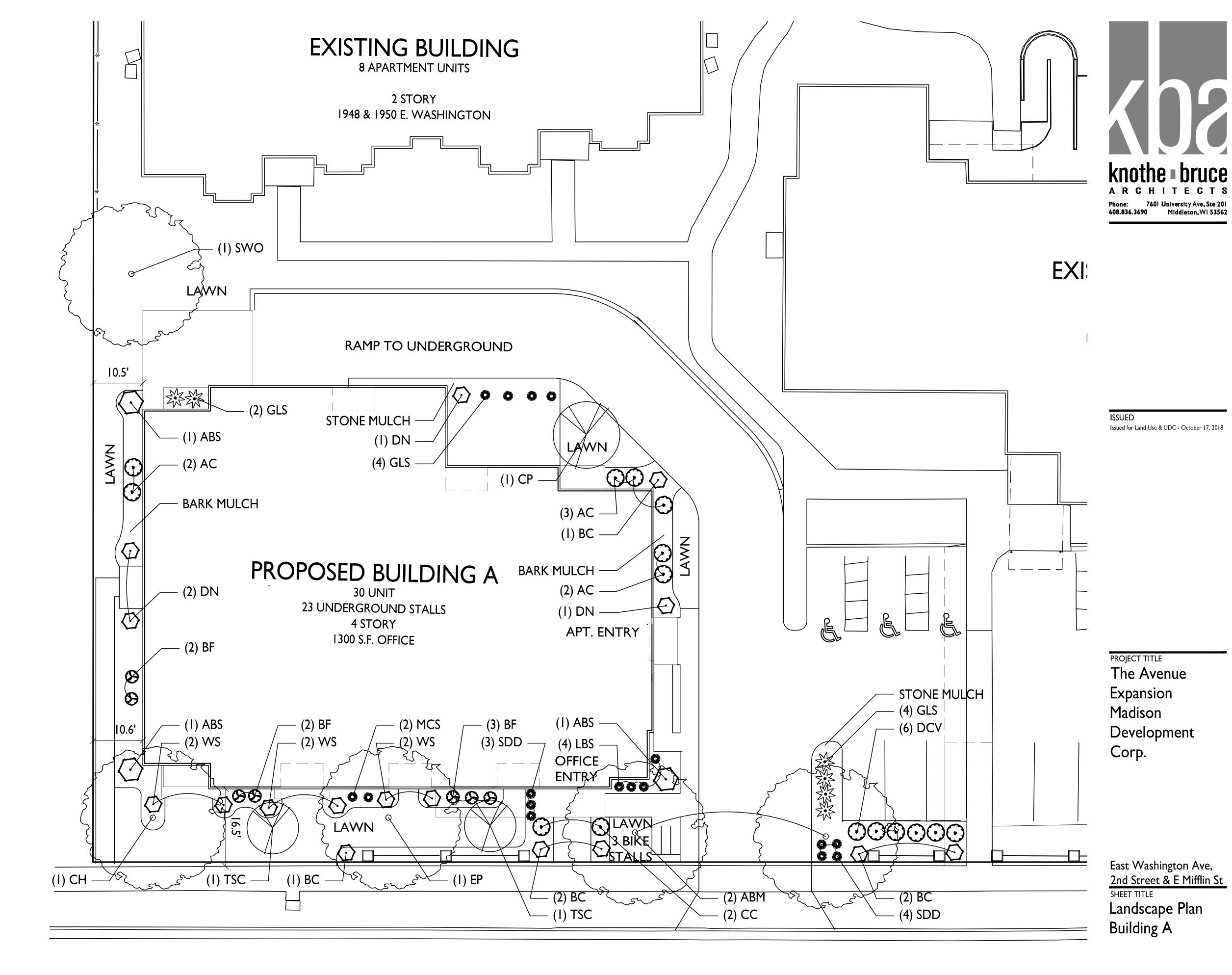
(Lot Frontage landscape points supplied =

"One (1) over-story deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) over-story deciduous tree."

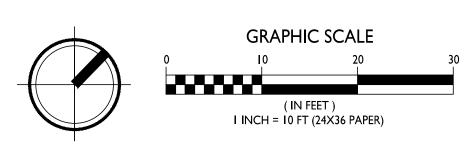
East Washington Avenue =

160 LF

Over story trees required $160^{\circ}/30^{\circ} = 5.3$ Shrubs required $(160^{\circ}/30^{\circ}) \times 5 = 26.6$ 6 trees 27 shrubs Over story trees supplied Ornamental/Evergreen trees supplied <u>5 trees</u> <u>0 trees</u> 27 shrubs Shrubs supplied 256 points)



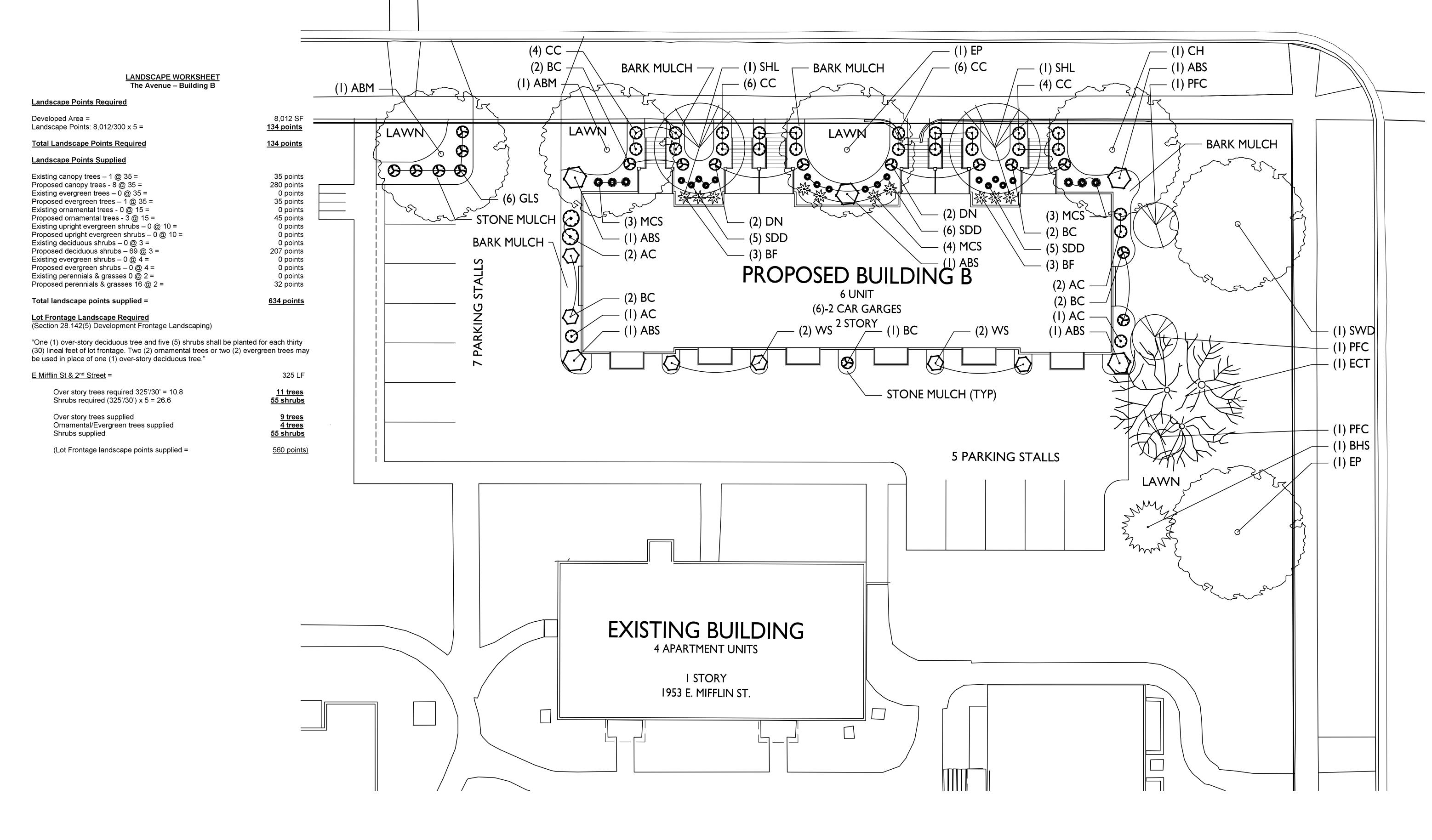




SHEET NUMBER

PROJECT NO. 1745 © Knothe & Bruce Architects, LLC

EAST MIFFLIN STREET



1 LANDSCAPE PLAN - BUILDING B

GRAPHIC SCALE

(IN FEET) I INCH = I0 FT (24X36 PAPER) Knothe bruce
ARCHITECTS
Phone: 7601 University Ave, Ste 201
608.836.3690 Middleton, WI 53562

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The Avenue
Expansion
Madison
Development

Corp.

East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE

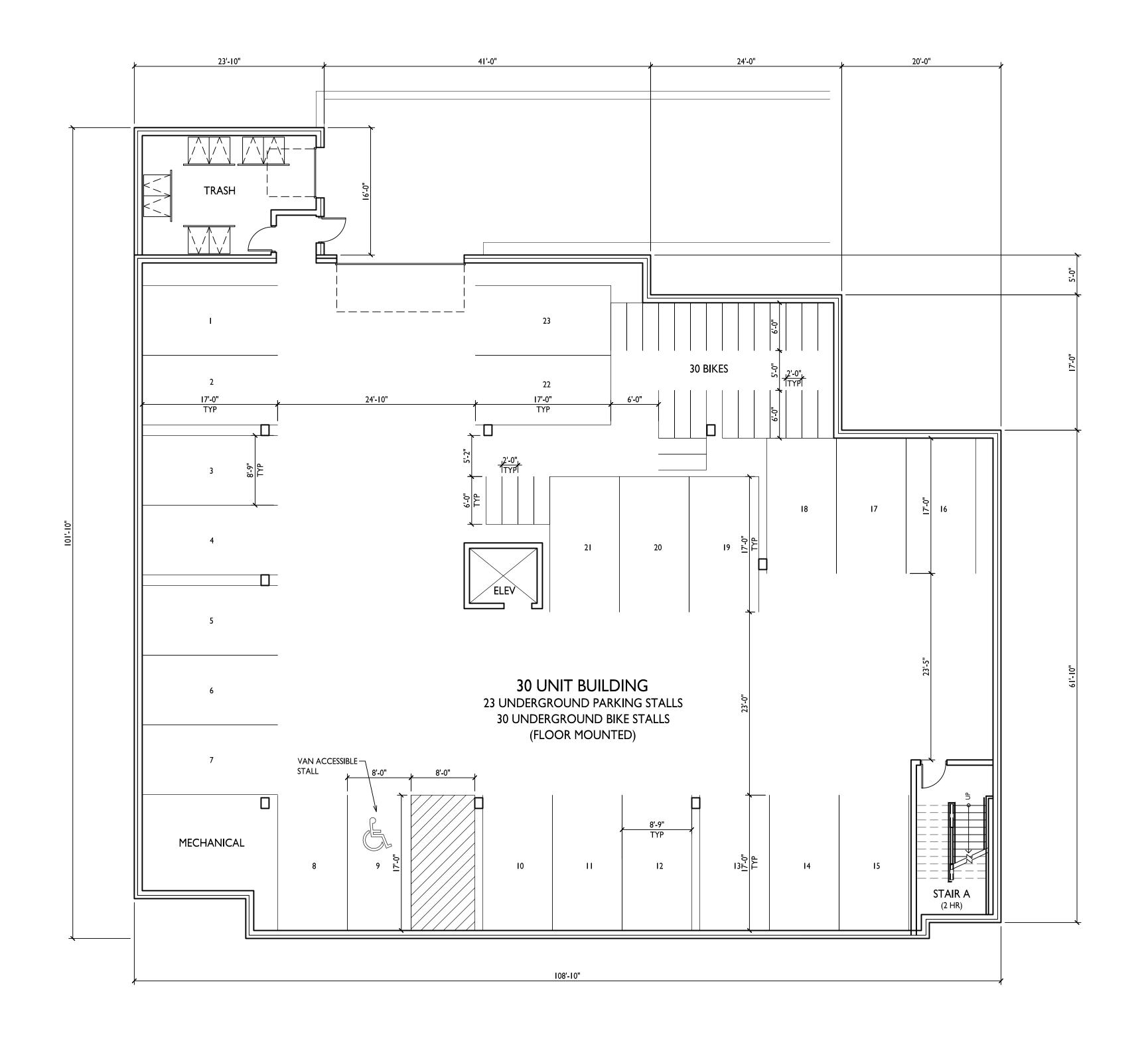
Landscape Plan
Building B

SHEET NUMBER

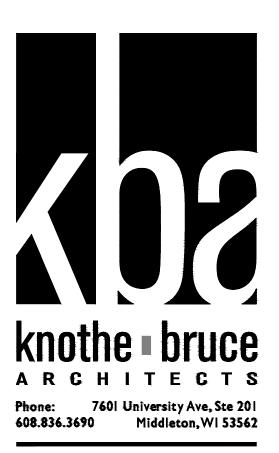
L-1.2

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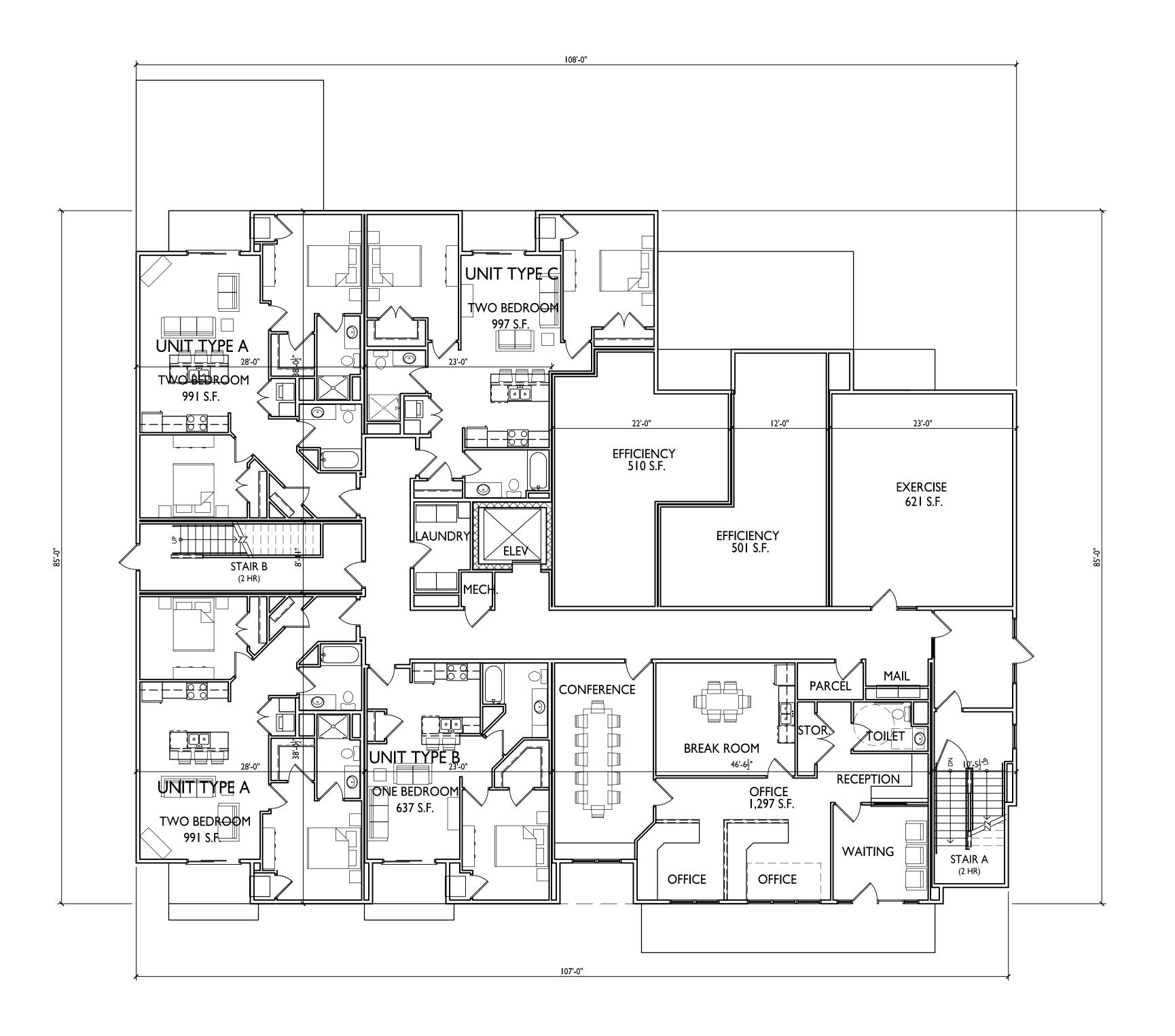
PROJECT TITLE The Avenue Expansion Madison Development Corp.

East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE

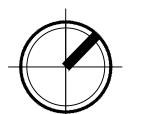
Basement Plan

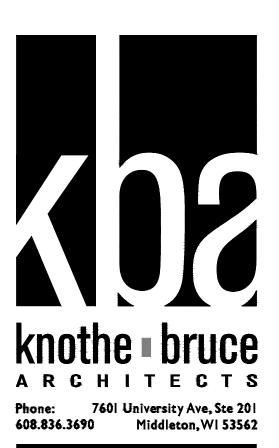
SHEET NUMBER

A-1.0









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The Avenue
Expansion
Madison
Development
Corp.

East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
First Floor Plan

UNIT MIX:
2 EFFICIENCIES
13 ONE-BEDROOM
15 TWO-BEDROOM
30 TOTAL UNITS

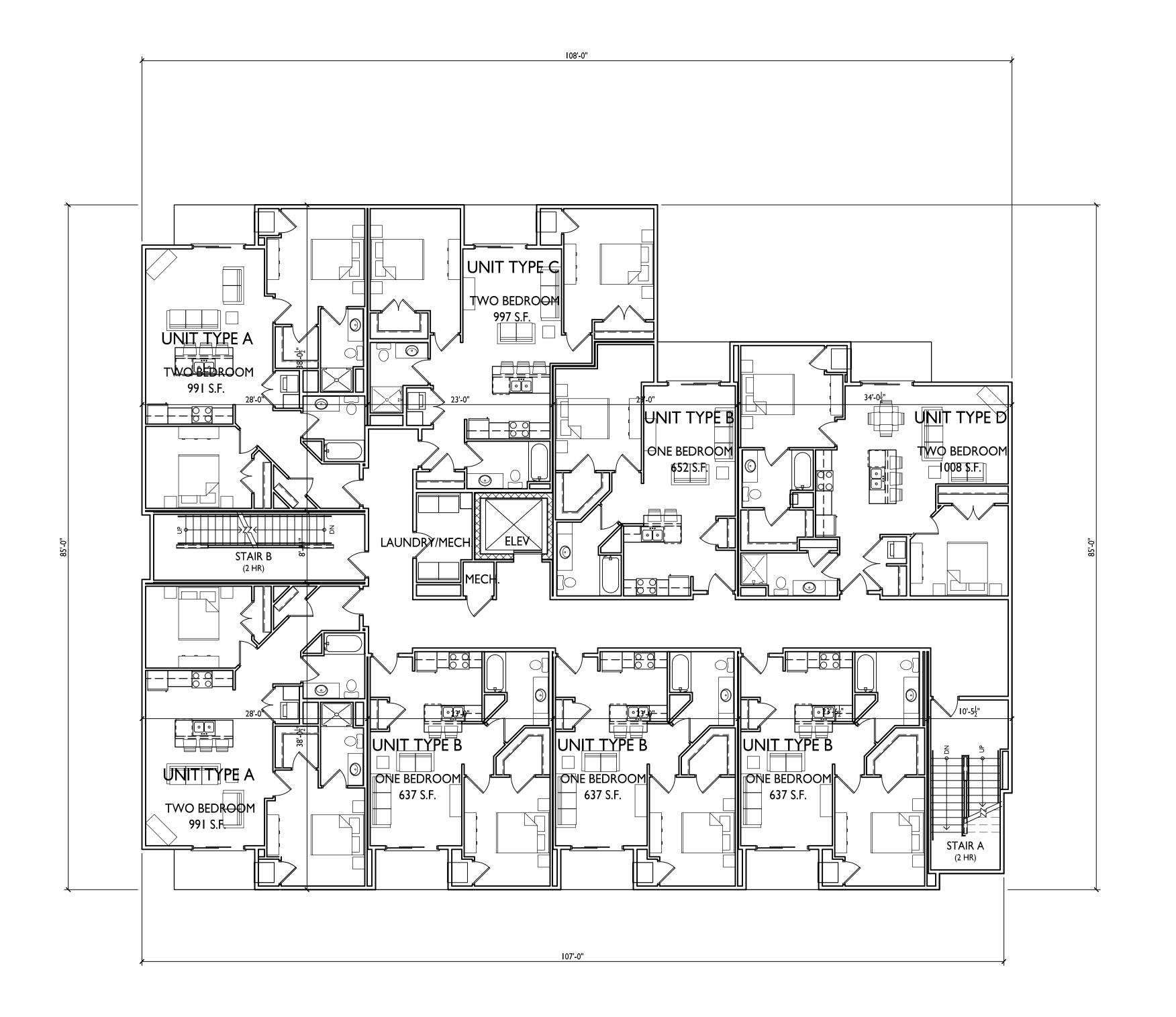
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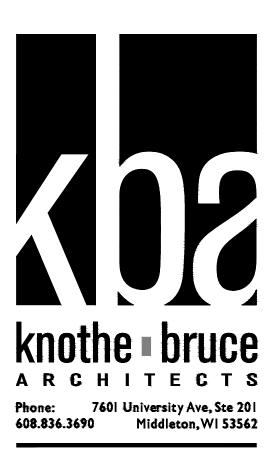
PROJECT NO. 1745

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7,984 SQ.FT.







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East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
Second - Fourth

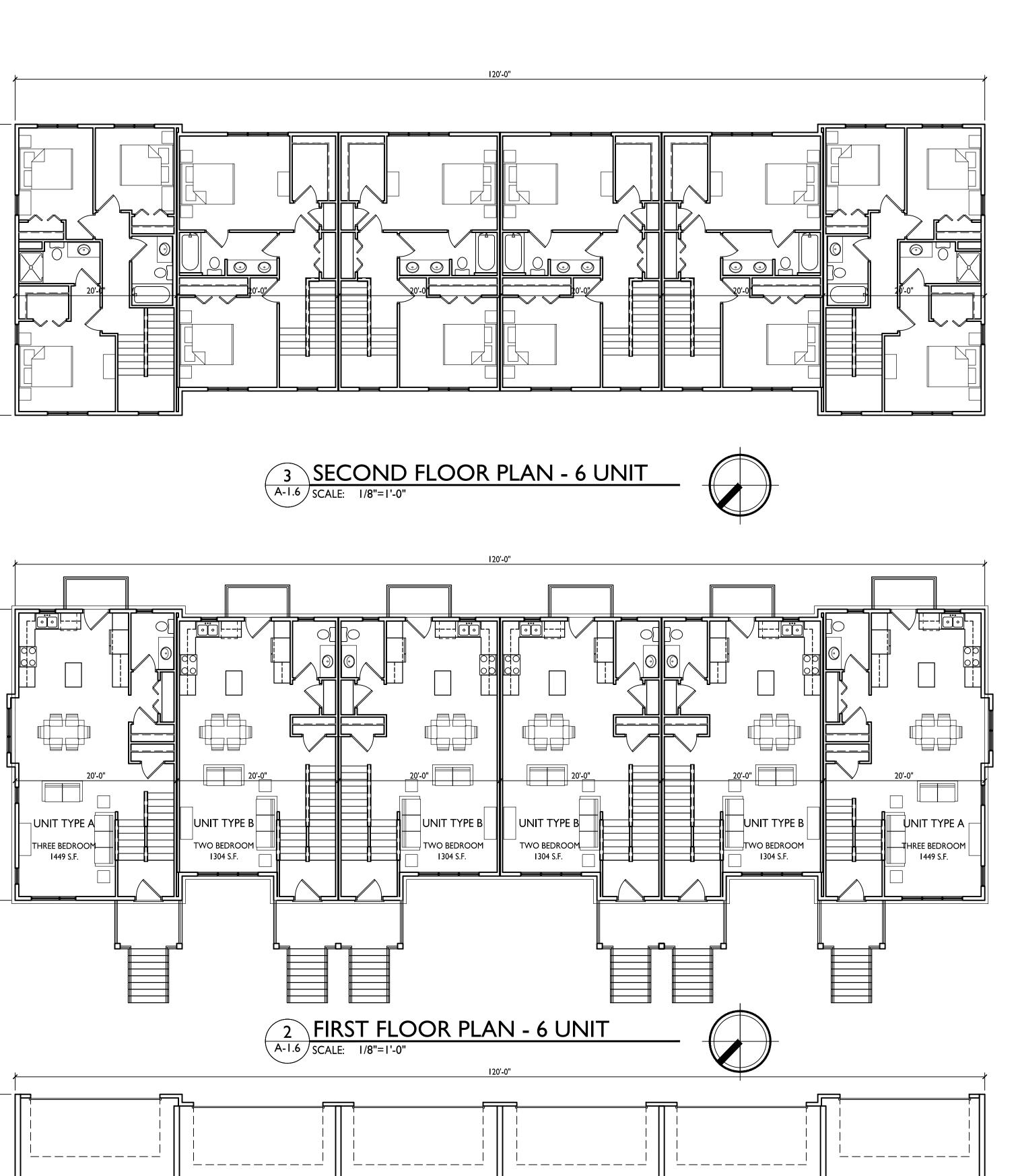
Floor Plan

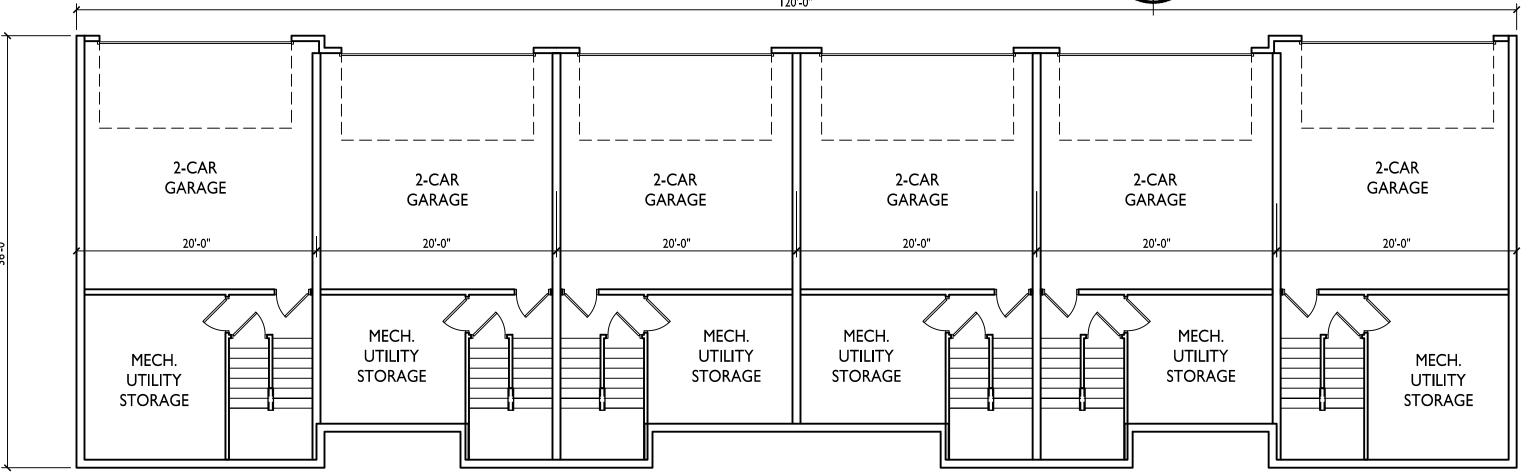
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A-1.2

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BASEMENT FLOOR PLAN - 6 UNIT

A-1.6 SCALE: 1/8"=1'-0"





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The Avenue
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East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE

Townhouse Plans

SHEET NUMBER

A-1.6

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EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
6" COMPOSITE LAP SIDING - 1	JAMES HARDIE	COUNTRY LANE RED		
6" COMPOSITE LAP SIDING - 2	JAMES HARDIE	MONTERY TAUPE		
6" COMPOSITE LAP SIDING - 3	JAMES HARDIE	EVENING BLUE		
COMPOSITE BOARD & BATTEN SIDING	JAMES HARDIE	NAVAJO BEIGE		
COMPOSITE TRIM	JAMES HARDIE	MONTEREY TAUPE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD		
VINYL WINDOWS	N/A	TAN		
ALUM. STOREFRONT	N/A	DARK BRONZE		
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER		
RAILINGS	SUPERIOR	DARK BRONZE		

The Avenue
Expansion
Madison
Development
Corp.

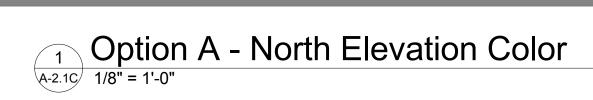
East Washington Ave, 2nd Street & E. Mifflin St.

Exterior
Elevations Option A

SHEET NUMBER

A-2.1







EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
6" COMPOSITE LAP SIDING - 1	JAMES HARDIE	COUNTRY LANE RED		
6" COMPOSITE LAP SIDING - 2	JAMES HARDIE	MONTERY TAUPE		
6" COMPOSITE LAP SIDING - 3	JAMES HARDIE	EVENING BLUE		
COMPOSITE BOARD & BATTEN SIDING	JAMES HARDIE	NAVAJO BEIGE		
COMPOSITE TRIM	JAMES HARDIE	MONTEREY TAUPE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD		
VINYL WINDOWS	N/A	TAN		
ALUM. STOREFRONT	N/A	DARK BRONZE		
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER		
RAILINGS	SUPERIOR	DARK BRONZE		

Knothe • bruce

A R C H I T E C T S

knothebruce.com 608.836.3690
7601 University Ave. • Suite 201 • Middleton, WI 53562

KEY PLAN

UED

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PROJECT TITLE

The Avenue
Expansion
Madison
Development
Corp.

East Washington Ave, 2nd Street & E. Mifflin St.

SHEET TITLE

Exterior

Elevations -Option A -

SHEET NUMBER

Color

A-2.1C



South Elevation - Option A

1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
6" COMPOSITE LAP SIDING - 1	JAMES HARDIE	COUNTRY LANE RED		
6" COMPOSITE LAP SIDING - 2	JAMES HARDIE	MONTERY TAUPE		
6" COMPOSITE LAP SIDING - 3	JAMES HARDIE	EVENING BLUE		
COMPOSITE BOARD & BATTEN SIDING	JAMES HARDIE	NAVAJO BEIGE		
COMPOSITE TRIM	JAMES HARDIE	MONTEREY TAUPE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD		
VINYL WINDOWS	N/A	TAN		
ALUM. STOREFRONT	N/A	DARK BRONZE		
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER		
RAILINGS	SUPERIOR	DARK BRONZE		



West Elevation - Option A

1/8" = 1'-0"

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KEY PLAN

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PROJECT TITLE

The Avenue
Expansion
Madison
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East Washington Ave, 2nd Street & E. Mifflin St.

Exterior
Flevation

Elevations -Option A

SHEET NUMBER

A-2.2



Option A - South Elevation Color

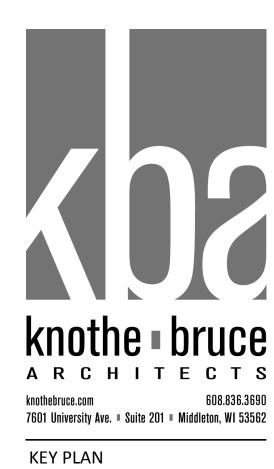
A-2.2C 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
6" COMPOSITE LAP SIDING - 1	JAMES HARDIE	COUNTRY LANE RED		
6" COMPOSITE LAP SIDING - 2	JAMES HARDIE	MONTERY TAUPE		
6" COMPOSITE LAP SIDING - 3	JAMES HARDIE	EVENING BLUE		
COMPOSITE BOARD & BATTEN SIDING	JAMES HARDIE	NAVAJO BEIGE		
COMPOSITE TRIM	JAMES HARDIE	MONTEREY TAUPE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD		
VINYL WINDOWS	N/A	TAN		
ALUM. STOREFRONT	N/A	DARK BRONZE		
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER		
RAILINGS	SUPERIOR	DARK BRONZE		



Option A - West Elevation Color

A-2.2C 1/8" = 1'-0"



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PROJECT TITLE

The Avenue
Expansion
Madison
Development
Corp.

East Washington Ave, 2nd Street & E. Mifflin St.

Exterior
Elevations Option A -

SHEET NUMBER

Color

A-2.2C





COLOR

COUNTRY LANE RED

MONTERY TAUPE

EVENING BLUE

NAVAJO BEIGE

DARK BRONZE

DARK BRONZE

MONTEREY TAUPE

FRENCH VANILLA LIGHT

TIMBERLINE - WEATHERED WOOD

COLOR TO MATCH STONE VENEER

EXTERIOR MATERIAL SCHEDULE

MANUFACTURER

JAMES HARDIE

JAMES HARDIE

JAMES HARDIE

JAMES HARDIE JAMES HARDIE

ACME

N/A

EDWARDS

SUPERIOR

BUILDING ELEMENT

6" COMPOSITE LAP SIDING - 1

6" COMPOSITE LAP SIDING - 2

6" COMPOSITE LAP SIDING - 3

COMPOSITE TRIM

ASPHALT SHINGLE ROOF

BRICK VENEER

VINYL WINDOWS

RAILINGS

ALUM. STOREFRONT

STONE SILLS & BANDS

COMPOSITE BOARD & BATTEN SIDING





Townhomes - West Elevation

A-2.5 1/8" = 1'-0"



Townhomes - South Elevation

A-2.5 1/8" = 1'-0"



ISSUED 11/29/18

> PROJECT TITLE The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St.

SHEET TITLE Exterior Elevation -Townhomes

SHEET NUMBER

A-2.5 PROJECT NUMBER 1745

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Townhomes - North Elevation Color

A-2.5C 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE				
BUILDING ELEMENT	MANUFACTURER	COLOR		
6" COMPOSITE LAP SIDING - 1	JAMES HARDIE	COUNTRY LANE RED		
6" COMPOSITE LAP SIDING - 2	JAMES HARDIE	MONTERY TAUPE		
6" COMPOSITE LAP SIDING - 3	JAMES HARDIE	EVENING BLUE		
COMPOSITE BOARD & BATTEN SIDING	JAMES HARDIE	NAVAJO BEIGE		
COMPOSITE TRIM	JAMES HARDIE	MONTEREY TAUPE		
BRICK VENEER	ACME	FRENCH VANILLA LIGHT		
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD		
VINYL WINDOWS	N/A	TAN		
ALUM. STOREFRONT	N/A	DARK BRONZE		
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER		
RAILINGS	SUPERIOR	DARK BRONZE		







Townhomes - West Elevation Color

A-2.5C 1/8" = 1'-0"



Townhomes - South Elevation Color

ISSUED 11/29/18

The Avenue
Expansion
Madison
Development
Corp.

East Washington Ave, 2nd Street & E. Mifflin St.

Exterior
Elevations Townhomes
- Color

SHEET NUMBER

A-2.5C
PROJECT NUMBER 1745

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The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St.
Street View





The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St. Close Street View





The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St.





The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St.

