



City of Madison Fire Department

30 West Mifflin Street, 8th & 9th Floors, Madison, WI 53703-2579

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

Project Address: 1954 East Washington Ave

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

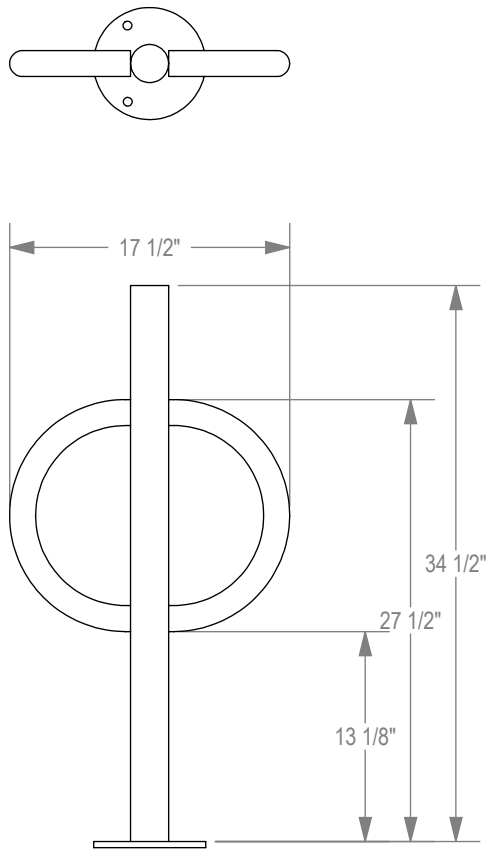
FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

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

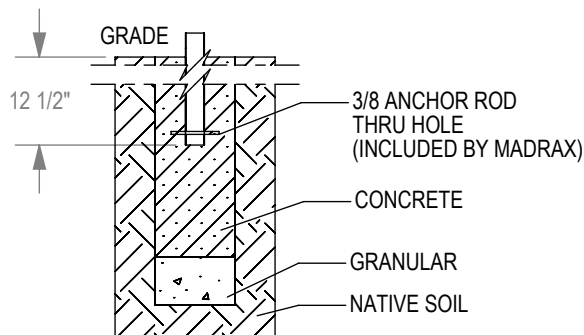
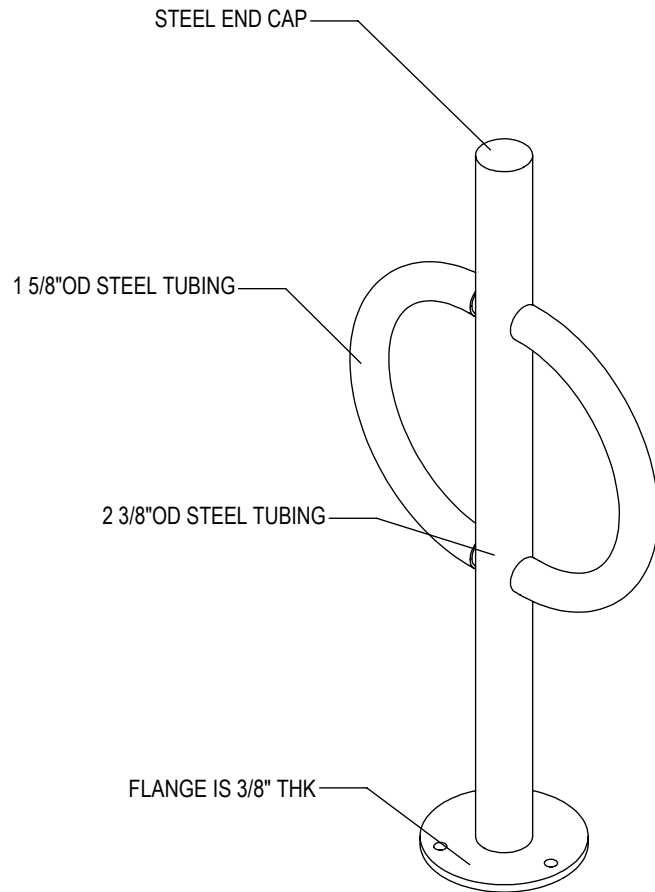
Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.

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

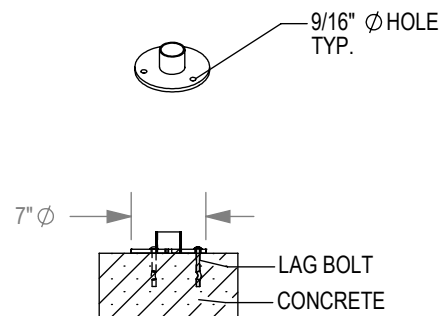
This worksheet is based on **MGO 34.503** and **IFC 2012 Edition Chapter 5 and Appendix D**; please see the codes for further information.



CHECK DESIRED MOUNT □



□ IN GROUND MOUNT (IG)



□ SURFACE FLANGE MOUNT (SF)

SECTION VIEWS

PRODUCT: BOL-2-SF(IG)
DESCRIPTION: BOLLARD BIKE RACK WITH FLAT CAP, TUBE STEEL ARMS
2 BIKE, SURFACE OR IN GROUND MOUNT

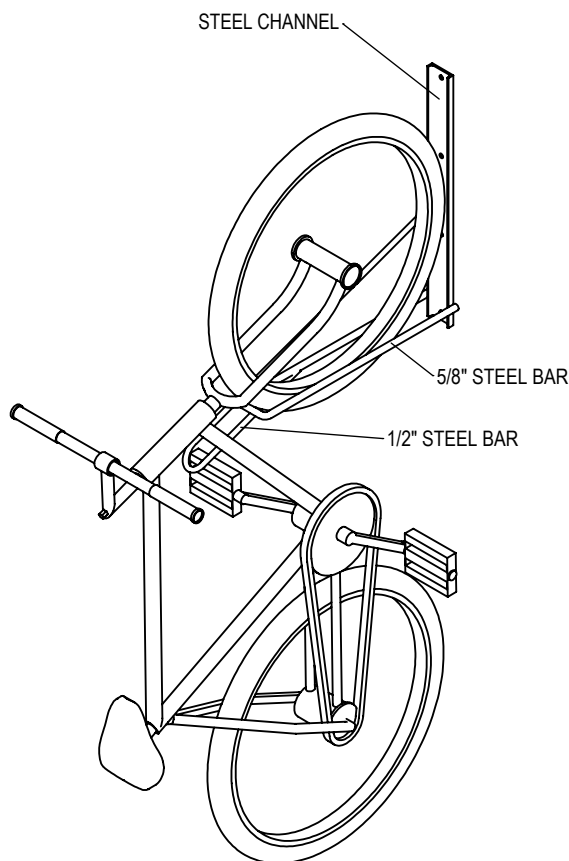
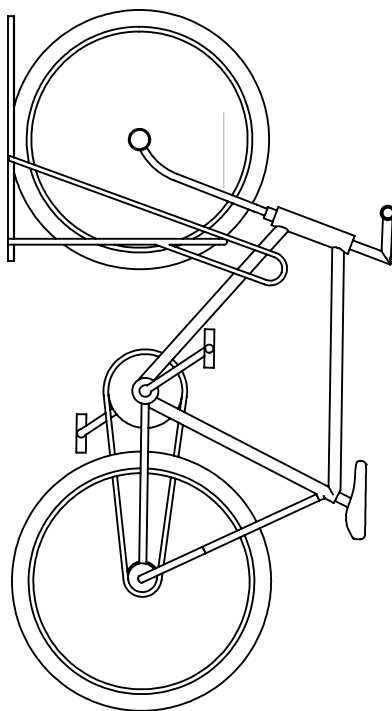
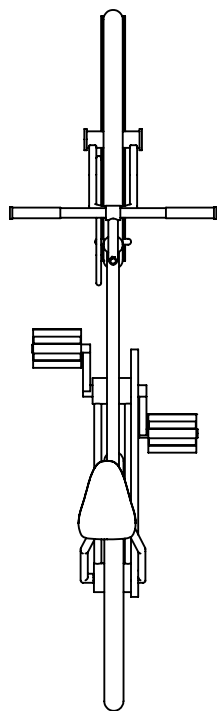
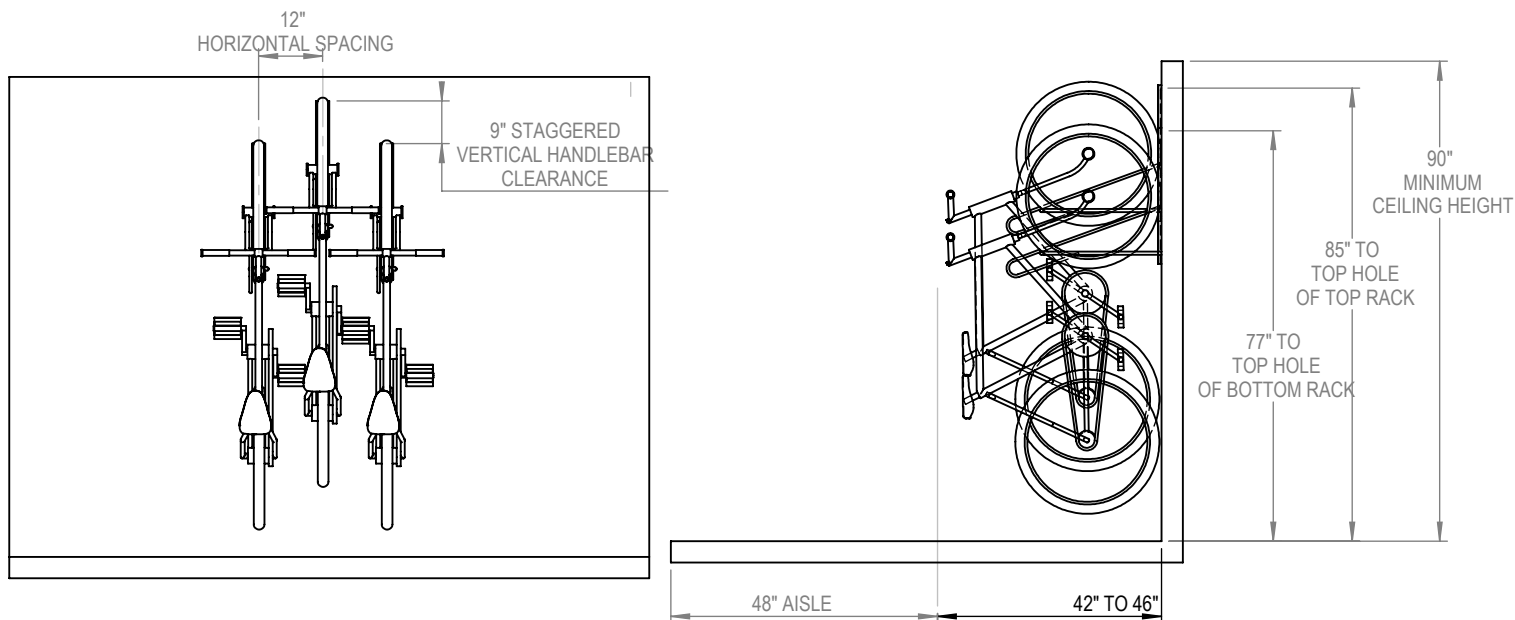
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ENG: SMC

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NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. CONSULTANT TO SELECT COLOR(FINISH), SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.



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1080 UNIEK DRIVE
WAUNAKEE, WI 53597
P(800) 448-7931, P(608) 849-1080, F(608) 849-1081
WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM



PRODUCT: BSV-1-WM
DESCRIPTION: BIKE STORAGE VERTICAL, 1 BIKE, WALL MOUNT

DATE: 8-7-09
ENG: BLW

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2. CONSULTANT TO SELECT COLOR(FINISH), SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.



D-Series Size 0 LED Area Luminaire



Catalog Number
Notes
Type

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

A+ Capable Luminaire

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

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

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

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

Specifications

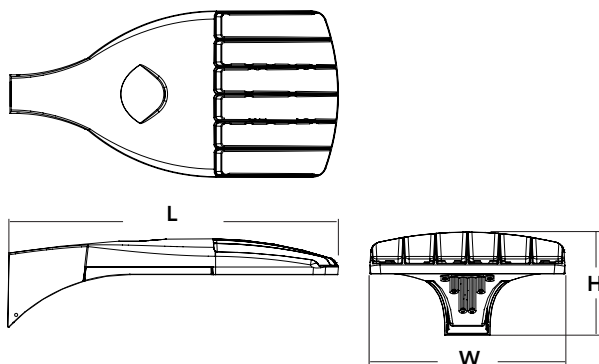
EPA: 0.95 ft²
(.09 m²)

Length: 26"
(66.0 cm)

Width: 13"
(33.0 cm)

Height: 7"
(17.8 cm)

Weight (max): 16 lbs
(7.25 kg)



A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA DDBXD

DSX0 LED					
Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	Forward optics P1 P4 P7 P2 P5 P3 P6 Rotated optics P10 ¹ P12 ¹ P11 ¹ P13 ¹	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3}	MVOLT ^{4,5} 120 ⁶ 208 ^{5,6} 240 ^{5,6} 277 ⁶ 347 ^{5,6,7} 480 ^{5,6,7}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁸ RPUMBA Round pole universal mounting adaptor ⁸ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁹

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ¹⁰ PER NEMA twist-lock receptacle only (control ordered separate) ¹¹ PER5 Five-wire receptacle only (control ordered separate) ^{11,12} PER7 Seven-wire receptacle only (control ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{5,13,14} PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{5,13,14} PIRHN Network, Bi-Level motion/ambient sensor ¹⁵ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,13,14}	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,13,14} BL30 Bi-level switched dimming, 30% ^{5,16,17} BL50 Bi-level switched dimming, 50% ^{5,16,17} PNMTDD3 Part night, dim till dawn ^{5,18} PNMT5D3 Part night, dim 5 hrs ^{5,18} PNMT6D3 Part night, dim 6 hrs ^{5,18} PNMT7D3 Part night, dim 7 hrs ^{5,18} FAO Field adjustable output ¹⁹	Shipped installed HS House-side shield ²⁰ SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ²⁰ Shipped separately BS Bird spikes ²¹ EGS External glare shield ²¹
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

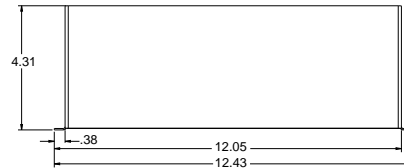
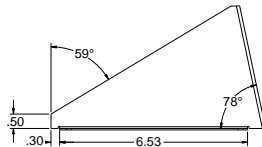
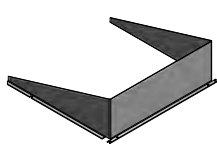
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²²
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²²
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²²
DSHORT SBK U	Shorting cap ²²
DSX0HS 20C U	House-side shield for 20 LED unit ²⁰
DSX0HS 30C U	House-side shield for 30 LED unit ²⁰
DSX0HS 40C U	House-side shield for 40 LED unit ²⁰
DSX0DDL U	Diffused drop lens (polycarbonate) ²⁰
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ²³
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ²³

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

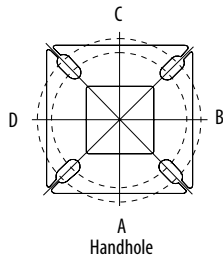
- P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- AMBPC is not available with BLC, LCCO, RCCO, P4, P7 or P13.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Any PIRx with BL30, BL50 or PNMT, is not available with 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.
- 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 to see functionality.
- 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.
- For retrofit use only.

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 nomenclature: # of heads at degree from handhole (default 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

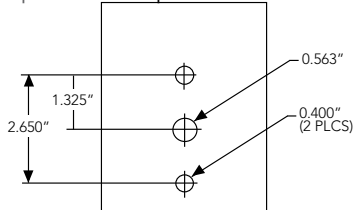
Note: Review luminaire spec sheet for specific nomenclature

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	Y	Y	Y	N	-	-	-	-
DSX RPA	Y	Y	N	N	Y	Y	Y	Y
DSX SPUMBA	Y	N	N	N	-	-	-	-
DSX RPUMBA	N	N	N	N	Y	Y	Y	N

*3 fixtures @ 120 require round pole top/tenon.

Template #8

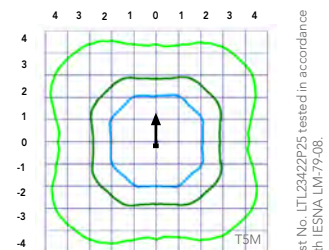
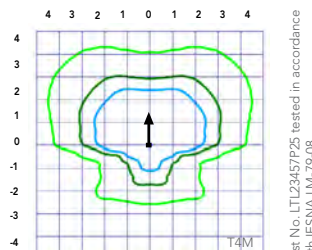
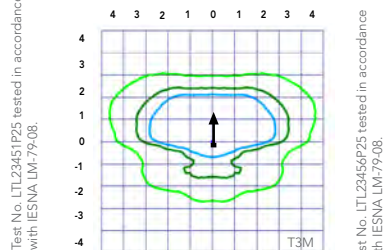
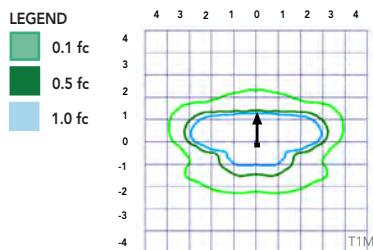
Top of Pole



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').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

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

Projected LED Lumen Maintenance

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

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

Operating Hours	25000	50000	100000
Lumen Maintenance Factor	0.96	0.92	0.85

Electrical Load

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

Motion Sensor Default Settings

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

*for use with Inline Dusk to Dawn or timer.

PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)	
		Wire 4/Wire5	Wire 4/Wire5	Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	✗	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	✗	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	✗	Wired to dimming leads on driver	Wired to dimming leads on driver	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	✗	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended
✗ Will not work
⚠ Alternate

*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 Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20	530	P1	38W	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
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126	2,540	1	0	1	73
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131	2,650	1	0	0	76
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131	2,690	1	0	0	77
				TSM	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130	2,658	2	0	0	76
				TSW	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					
				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					
				20	700	P2	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124	3,144
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
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
TSVS	5,799	2	0					0	118	6,247	2	0	0	127	6,327	2	0	0	129	3,278	2	0	0	73
TSS	5,804	2	0					0	118	6,252	2	0	0	128	6,332	2	0	1	129	3,328	2	0	0	74
TSM	5,789	3	0					1	118	6,237	3	0	1	127	6,316	3	0	1	129	3,288	2	0	1	73
TSW	5,834	3	0					2	119	6,285	3	0	2	128	6,364	3	0	2	130	3,295	2	0	1	73
BLC	4,572	1	0					1	93	4,925	1	0	1	101	4,987	1	0	1	102					
LCCO	3,402	1	0					2	69	3,665	1	0	2	75	3,711	1	0	2	76					
RCCO	3,402	1	0					2	69	3,665	1	0	2	75	3,711	1	0	2	76					
20	1050	P3	71W					T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120	
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120					
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121					
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117					
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121					
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118					
				TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120					
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125					
				TSS	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125					
				TSM	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125					
				TSW	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126					
				BLC	6,429	1	0	2	91	6,926	1	0	2	98	7,013	1	0	2	99					
				LCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73					
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73					
				20	1400	P4	92W	T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116	
T2S	9,780	2	0					2	106	10,536	2	0	2	115	10,669	2	0	2	116					
T2M	9,831	2	0					2	107	10,590	2	0	2	115	10,724	2	0	2	117					
T3S	9,521	2	0					2	103	10,256	2	0	2	111	10,386	2	0	2	113					
T3M	9,807	2	0					2	107	10,565	2	0	2	115	10,698	2	0	2	116					
T4M	9,594	2	0					2	104	10,335	2	0	3	112	10,466	2	0	3	114					
TFTM	9,801	2	0					2	107	10,558	2	0	2	115	10,692	2	0	2	116					
TSVS	10,193	3	0					1	111	10,981	3	0	1	119	11,120	3	0	1	121					
TSS	10,201	3	0					1	111	10,990	3	0	1	119	11,129	3	0	1	121					
TSM	10,176	4	0					2	111	10,962	4	0	2	119	11,101	4	0	2	121					
TSW	10,254	4	0					3	111	11,047	4	0	3	120	11,186	4	0	3	122					
BLC	8,036	1	0					2	87	8,656	1	0	2	94	8,766	1	0	2	95					
LCCO	5,979	1	0					2	65	6,441	1	0	2	70	6,523	1	0	3	71					
	5,979	1	0					2	65	6,441	1	0	2	70	6,523	1	0	3	71					

Performance Data

Lumen Output

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

Forward Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40	700	P5	89W	T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133					
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133					
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133					
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129					
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133					
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130					
				TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133					
				TSVS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138					
				TSS	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138					
				TSM	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138					
				TSW	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139					
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109					
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81					
40	1050	P6	134W	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
				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
				TSVS	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125	6,671	2	0	0	73
				TSS	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126	6,569	2	0	0	72
				TSM	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125	6,491	3	0	1	71
				TSW	15,506	4	0	3	116	16,704	4	0	3	125	16,915	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					
				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					
40	1300	P7	166W	T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112					
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112					
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112					
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109					
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112					
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110					
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112					
				TSVS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116					
				TSS	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117					
				TSM	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116					
				TSW	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117					
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92					
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68					
					10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68					

Performance Data

Lumen Output

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

Rotated Optics																								
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P10	53W	T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138					
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138					
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140					
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136					
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140					
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137					
				TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141					
				TSVS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142					
				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					
				TSW	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139					
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116					
				LCCO	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83					
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83					
30	700	P11	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376	3	0	3	130					
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129					
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132					
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127					
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132					
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129					
				TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133					
				TSVS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134					
				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					
				TSW	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131					
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109					
				LCCO	5,133	1	0	2	71	5,529	1	0	2	77	5,599	1	0	2	78					
				RCCO	5,126	3	0	3	71	5,522	3	0	3	77	5,592	3	0	3	78					
30	1050	P12	104W	T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253	3	0	3	127					
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127					
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129					
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125					
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129					
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126					
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130					
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131					
				T5S	12,351	3	0	1	119	13,306	3	0	1	128	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					
				TSW	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128					
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107					
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76					
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76					
30	1300	P13	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123					
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122					
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125					
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120					
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124					
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122					
				TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125					
				TSVS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126					
				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					
				TSW	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 AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

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

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

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

WARRANTY

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

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





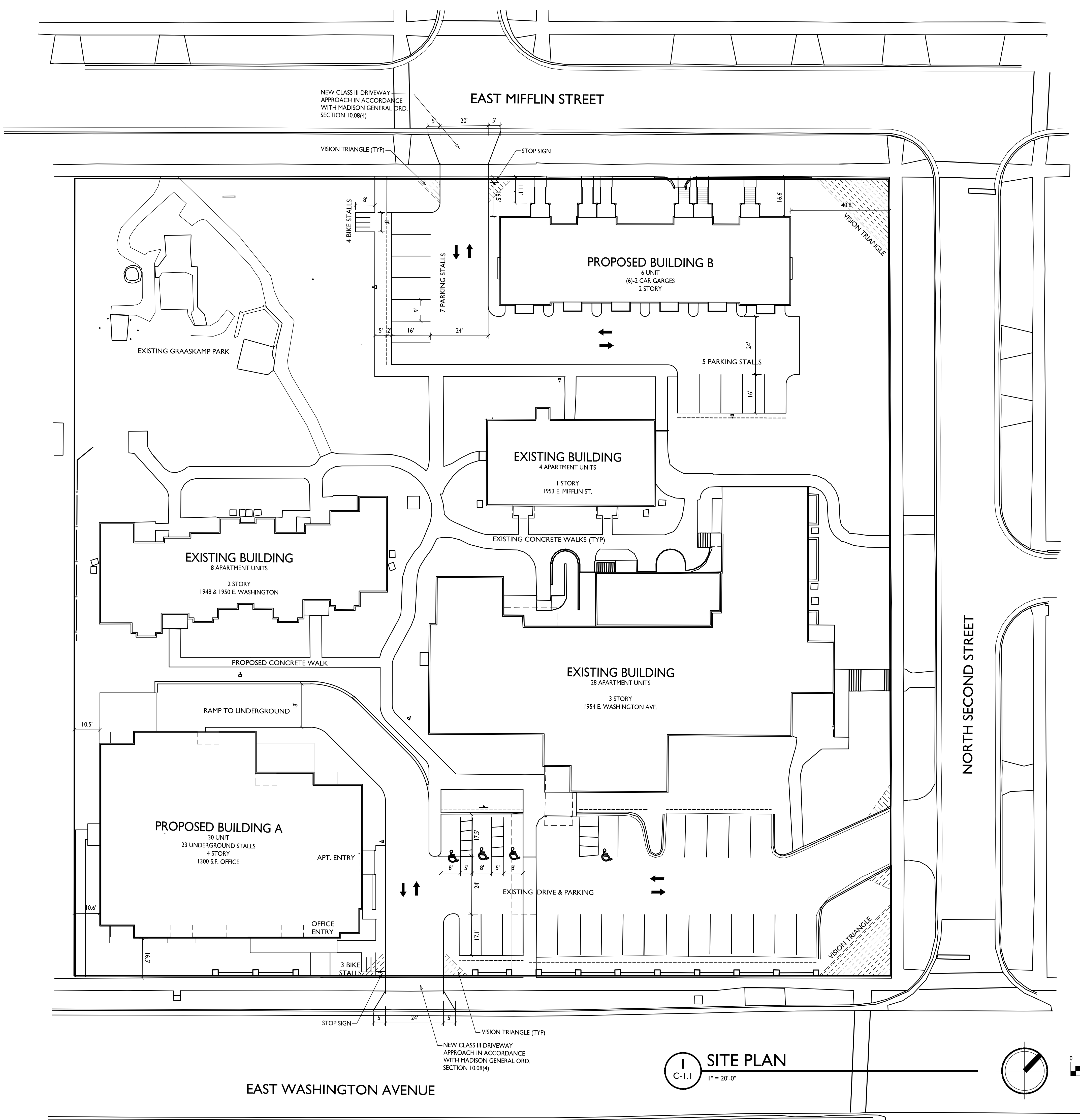
The Avenue
Aerial Locator Map
1954 E. Washington Avenue
October 17, 2018



SITE DEVELOPMENT DATA	
DENSITIES	
LOT AREA	111,540 S.F. / 2.56 ACRES
NEW DWELLING UNITS	36 DU
EXISTING DWELLING UNITS	40 DU
TOTAL	76 DU
LOT AREA/ D.U.	1468 S.F. / DU
DENSITY	29.69 UNITS/ACRE
USABLE OPEN SPACE	55,728 S.F.
LOT COVERAGE	58,484 S.F. = 52% (75% MAX)
BUILDING HEIGHT	2-4 STORIES
DWELLING UNIT MIX:	
EFFICIENCY	2
ONE BEDROOM	13
TWO BEDROOM	19
THREE BEDROOM	2
TOTAL UNITS	36
VEHICLE PARKING STALLS:	
UNDERGROUND	23
TOWNHOME GARAGES	12
SURFACE	38
TOTAL	73 VEHICLE STALLS
BICYCLE PARKING STALLS	
UNDERGROUND LONG-TERM RESIDENTIAL	30
TOWNHOME GARAGE	6
SURFACE	7
TOTAL	43 STALLS






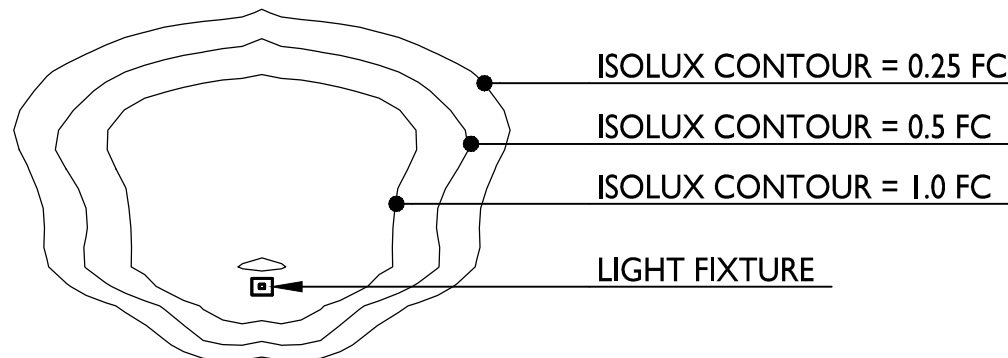
SHEET INDEX	
C-1.1	SITE PLAN
C-1.2	LIGHTING PLAN
C-1.3	FIRE ACCESS PLAN
C-1.4	LOT COVERAGE
C-1.5	USABLE OPEN SPACE
C-2.0	EXISTING CONDITIONS
C-3.0	DEMOLITION PLAN
C-4.0	CIVIL SITE PLAN
C-5.0	EROSION CONTROL PLAN
C-6.0	DETAILS
C-7.0	GRADING PLAN
C-8.0	UTILITY PLAN
L-1.1	LANDSCAPE PLAN - BLDG A
L-1.2	LANDSCAPE PLAN - BLDG B
A-1.0	BASEMENT PLAN - 30 UNIT BLDG
A-1.1	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-2.1	EXTERIOR ELEVATIONS - OPTION A
A-2.1C	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 - STREET VIEW EAST RENDERING	
OPTION A - CLOSE STREET VIEW SOUTH RENDERING	
OPTION B - STREET VIEW EAST RENDERING	
OPTION B - CLOSE STREET VIEW SOUTH RENDERING	
TOWN HOME - STREET CORNER RENDERING	
TOWN HOME - FRONT VIEW RENDERING	

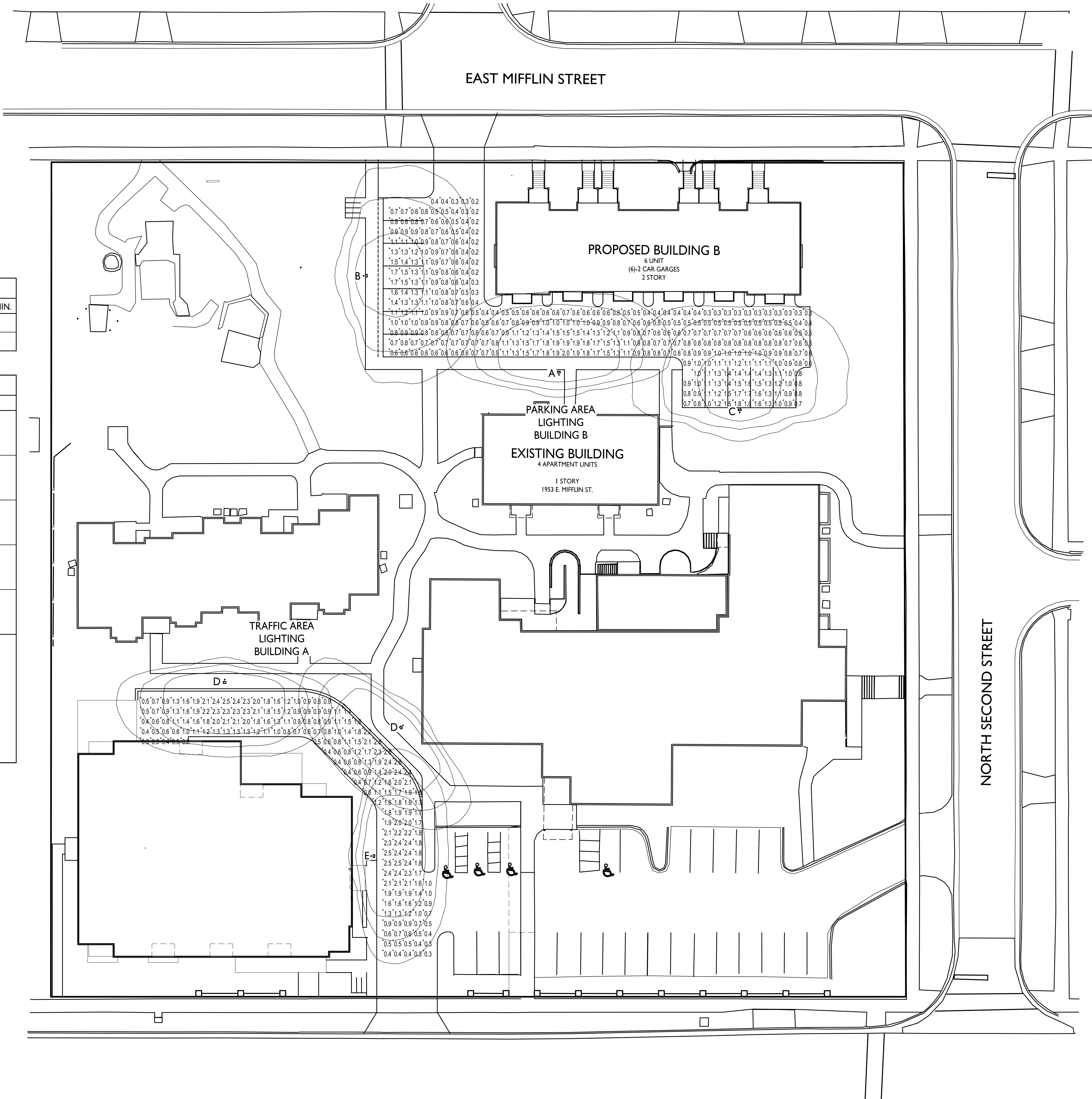
GENERAL NOTES:	
1. THE APPLICANT SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER, WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION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

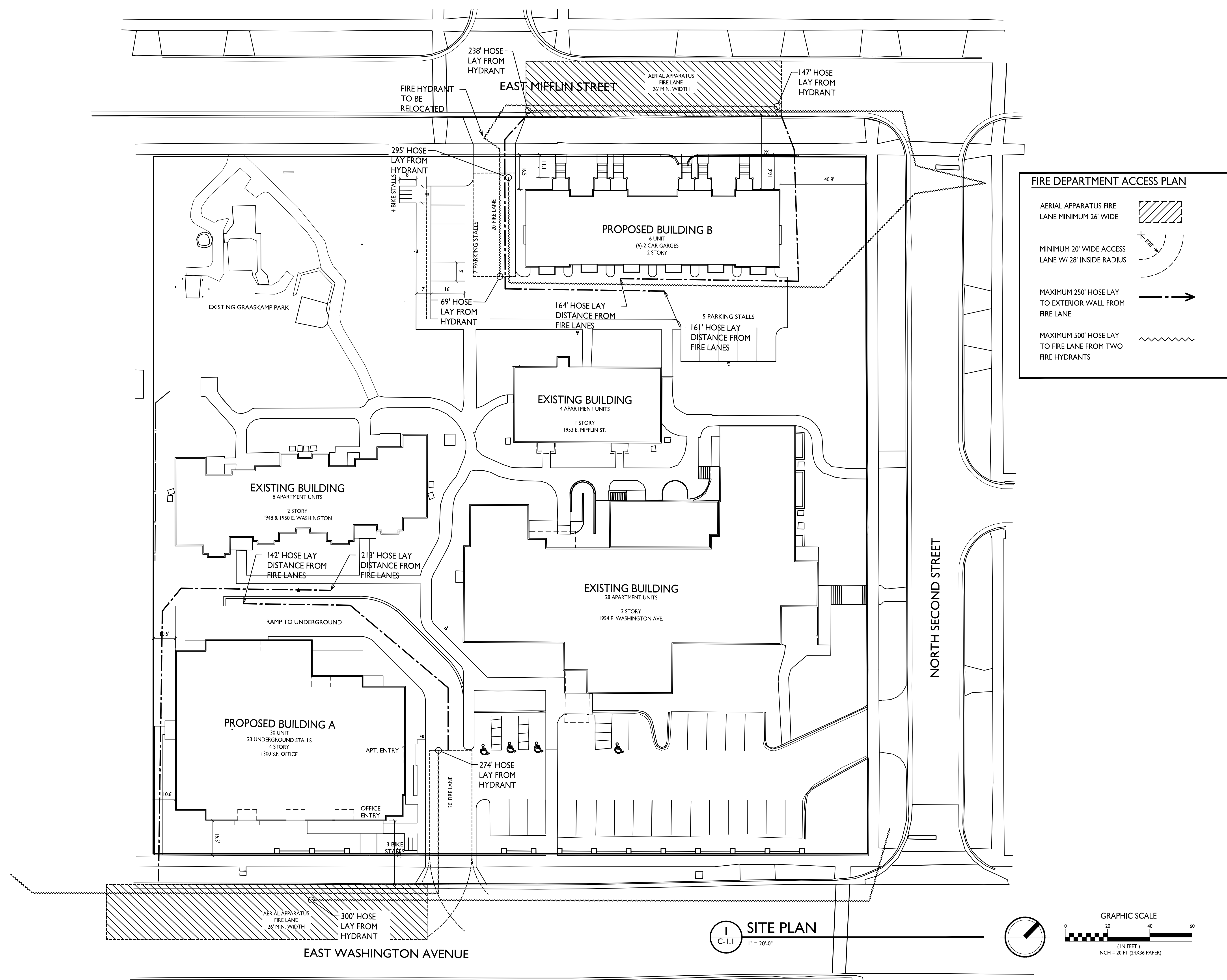


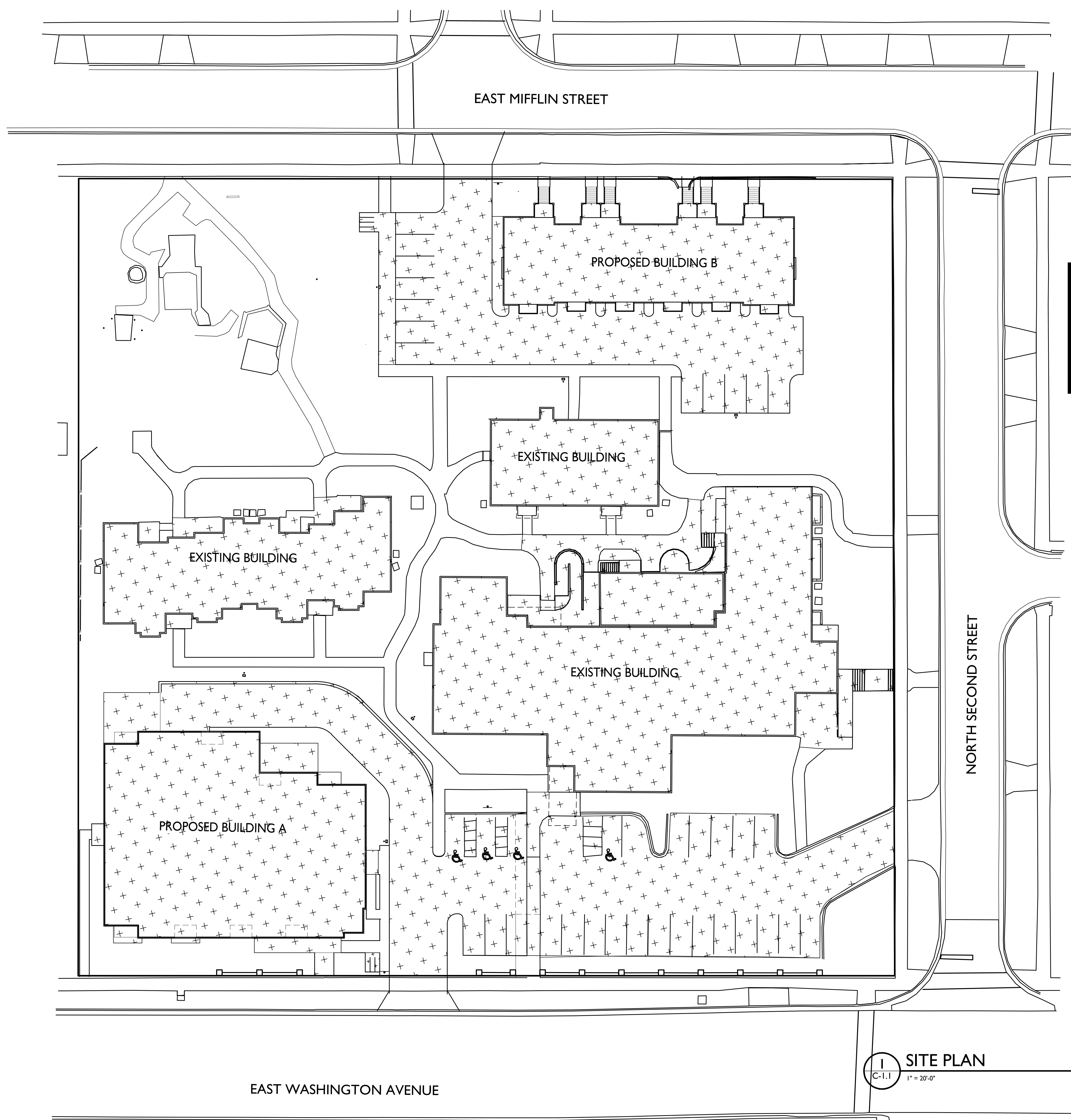
1 SITE PLAN
C-1.1 1" = 20'-0"

STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Traffic Area Lighting - Bldg A	+	1.4 fc	2.6 fc	0.3 fc	8.7:1	4.7:1
Parking Area Lighting - Bldg B	+	0.9 fc	2.0 fc	0.2 fc	10.0:1	4.5:1

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	1	LITHONIA LIGHTING	DSX0 LED P1 30K T2S MVOLT HS	DSX0 LED P1 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K_T2S_MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE
	B	1	LITHONIA LIGHTING	DSX0 LED P1 30K T4M MVOLT HS	DSX0 LED P1 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K_T4M_MVOLT_HS.ies	18'-0" POLE ON FLUSH CONC. BASE
	C	1	LITHONIA LIGHTING	DSX0 LED P1 30K T4M MVOLT HS	DSX0 LED P1 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K_T4M_MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE
	D	2	LITHONIA LIGHTING	DSX0 LED P1 30K T2S MVOLT HS	DSX0 LED P1 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K_T2S_MVOLT_HS.ies	16'-0" POLE ON FLUSH CONC. BASE
	E	1	LITHONIA LIGHTING	DSX0 LED P1 30K T2S MVOLT HS	DSX0 LED P1 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K_T2S_MVOLT_HS.ies	14'-0" POLE ON 2'-0" TALL CONC. BASE
<div><div>EXAMPLE LIGHT FIXTURE DISTRIBUTION</div><div></div></div>							







LOT COVERAGE	
TOTAL LOT AREA	111,540 S.F.
BUILDING & PAVING COVERAGE:	58,484 S.F.
(TOTAL LOT AREA S.F. / COVERAGE S.F.)	52%

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

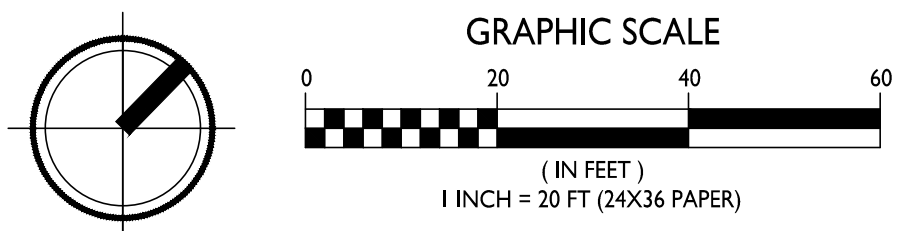
PROJECT TITLE
The Avenue
Expansion
Madison
Development
Corp.

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

SHEET NUMBER

C-I.4
PROJECT NO. 1745
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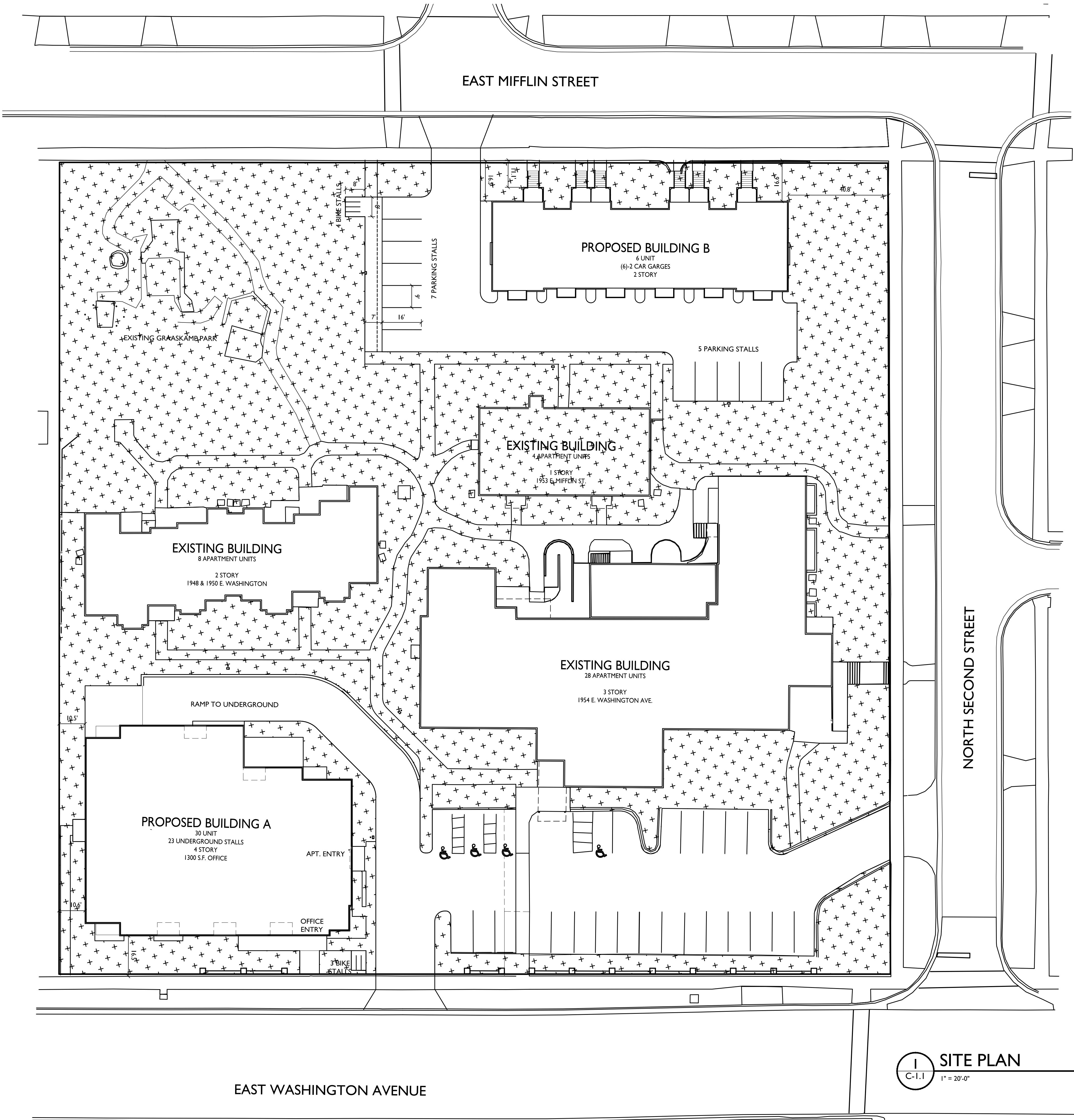
I SITE PLAN
C-I.4 1" = 20'-0"



EAST WASHINGTON AVENUE

EAST MIFFLIN STREET

NORTH SECOND STREET



USABLE OPEN SPACE
TOTAL OPEN SPACE PROVIDED = 55,728 S.F.

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

PROJECT TITLE
**The Avenue
Expansion
Madison
Development
Corp.**

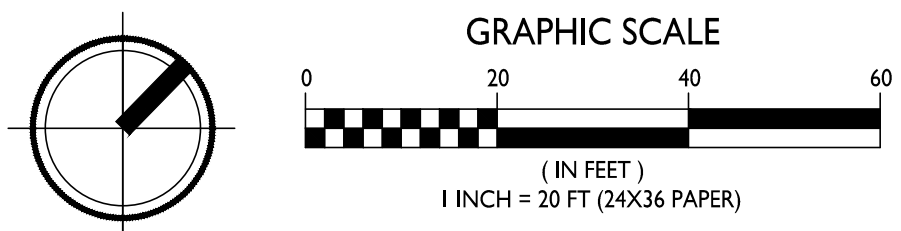
East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
**Useable Open
Space**

SHEET NUMBER

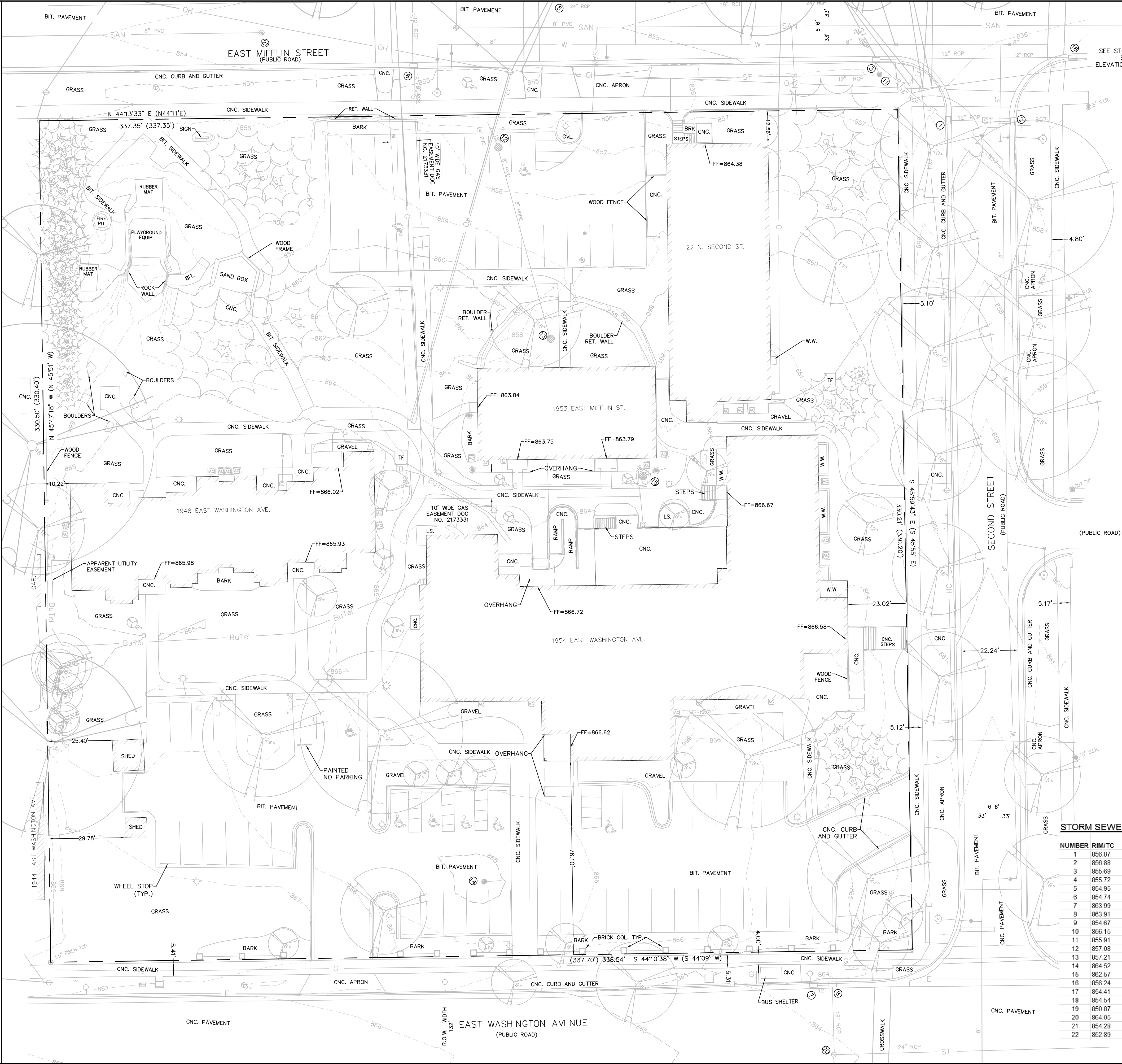
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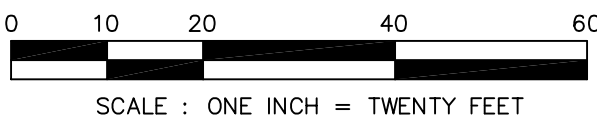
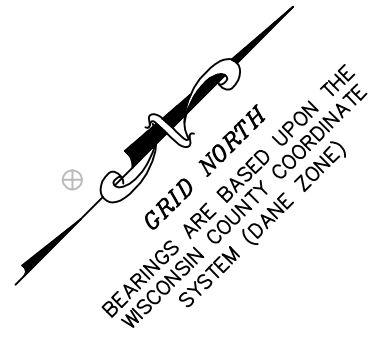
I SITE PLAN
C-I.1 1" = 20'-0"



NOT FOR CONSTRUCTION



ALL OF LOTS 17-20, BLOCK 277 FARWELL'S REPLAT AND ADDITION TO MADISON, PART OF THE SOUTHWEST ONE-QUARTER, SECTION 06, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN. PARCEL NUMBER 0710-063-1126-2.



NOTES:

- 1) Except as specifically stated or shown on this map, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements; building setback lines; restrictive covenants; subdivision restrictions; zoning or other land use regulations; and any other facts that on accurate and current title search may disclose. Survey was performed without the benefit of a title report.
- 2) No attempt has been made as a part of this survey to obtain or show data concerning existence, size, depth, condition, capacity, or location of any utility or municipal/public service facility. For information regarding these utilities or facilities, please contact the appropriate agencies.
- 3) Date of field work: February 22, 27-28, March 2, 8-9, 20, & 26, 2018.
- 4) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
- 5) All buildings, and surface and subsurface improvements on and adjacent to the site are not necessarily shown hereon.
- 6) All trees, hedges and ground cover on the site may not necessarily be shown hereon.
- 7) Routing of public utilities is based upon drawings obtained from the City of Madison Engineering Department, markings provided by Digger's Hotline Ticket Numbers 20180602785 & 20180900124 and visible above ground structures. Private utilities are not marked by Digger's Hotline. Additional buried utilities/structures may be encountered. No excavations were made to located utilities. Before excavations are performed contact Digger's Hotline.
- 8) Total parcel area = 55,697.75 square feet
- 9) Elevations are based upon NAVD88 datum. Surveyor transferred elevations to the site utilizing WISCONSIN network.

LEGEND

- SOLID IRON ROD FOUND SIZE NOTED
- IRON PIPE FOUND OUTSIDE DIAMETER NOTED
- X FOUND CHISELED "X" IN CONCRETE
- 3/4" X 18" SOLID IRON RE-ROD SET, WT. 1.50 lbs./ft.
- 20.4 SPOT ELEVATION
- OH OVERHEAD UTILITY WIRE
- G BURIED GAS LINE
- W WATER MAIN
- SAN SANITARY SEWER
- ST STORM SEWER
- BuTel BURIED TELEPHONE
- E BURIED ELECTRIC
- FO BURIED FIBER OPTIC
- WATER VALVE
- ⊗ GAS VALVE
- ⊗ GAS METER
- AC AIR CONDITIONER
- ⊞ ELECTRIC PEDESTAL
- ⊞ UTILITY POLE
- W.W. WINDOW WELL
- TF TRANSFORMER PAD
- ⊞ LIGHT POLE
- ⊞ GROUND LIGHT
- ⊞ TELEPHONE PEDESTAL
- ⊞ FIRE HYDRANT
- ⊞ SIGN
- ⊞ GUY WIRE
- ⊞ STORM SEWER INLET
- ⊞ STORM SEWER MANHOLE
- ⊞ ROUND CATCH BASIN
- ⊞ STORM SEWER STRUCTURE
- ⊞ RECTANGLE CATCH BASIN
- ⊞ SANITARY SEWER MANHOLE
- ⊞ DECIDUOUS TREE
- ⊞ CONIFEROUS TREE
- ⊞ BUSH
- () INDICATES RECORDED AS
- DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT. BUILDINGS ARE MEASURED TO THE NEAREST TENTH OF A FOOT.
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- GAR GARAGE

STORM SEWER AND SANITARY SEWER ELEVATION TABLE

NUMBER	RIM/TC	ELEVATION	ELEVATION	ELEVATION	ELEVATION	DESCRIPTION
1	856.87	NE	852.94	W	852.96	CURB INLET
2	856.88	SW	854.34			CURB INLET
3	856.69	NW	852.20	E	852.47	CURB INLET
4	856.72	SE		SE	852.26	CURB INLET - UNABLE TO MEASURE
5	854.95	NE	852.35	SW	852.35	CURB INLET
6	854.74	NW	851.20	SE	852.12	CURB INLET
7	853.99	NW	851.74	NE	850.03	CURB INLET
8	853.91	SW	850.51	SE	850.37	CURB INLET
9	854.67	NW	846.36	NE	846.47	SANITARY SEWER MANHOLE
10	856.15	NE	847.93	SW	847.87	SANITARY SEWER MANHOLE
11	855.91	NW	852.71	SW	851.71	STORM SEWER CATCH BASIN 3' DIAMETER
12	857.08	W	853.05	S	853.65	STORM SEWER CATCH BASIN 3' DIAMETER
13	857.21	NW	854.33			STORM SEWER CATCH BASIN 3' DIAMETER
14	854.52	NE	853.15			STORM SEWER CATCH BASIN 3' DIAMETER
15	852.57	SW	850.94	NE	850.91	STORM SEWER CATCH BASIN 3' DIAMETER
16	856.24	SW	853.05			CURB INLET
17	854.41	NE	850.40	SW	850.42	CURB INLET
18	854.54	NW	849.16	NE	850.35	2x5 STORM VAULT
19	850.87	SW	843.21	NW	843.34	SANITARY SEWER MANHOLE
20	854.05	SW	850.51	NW	850.55	STORM SEWER MANHOLE
21	854.28	SW	848.98			SANITARY SEWER MANHOLE
22	852.89	SW	845.64	NE	845.80	SANITARY SEWER MANHOLE

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THE AVENUE EXPANSION
1948, 1953 & 1954 E Washington Avenue
Madison, WI 53704
Madison Development Corporation
550 W Washington Ave.
Madison, WI 53703

PROJECT #: BSE2055

PLOT DATE: 10/17/2018

REVISION DATES:

ISSUE DATES:

10/17/2018

EXISTING
CONDITIONS

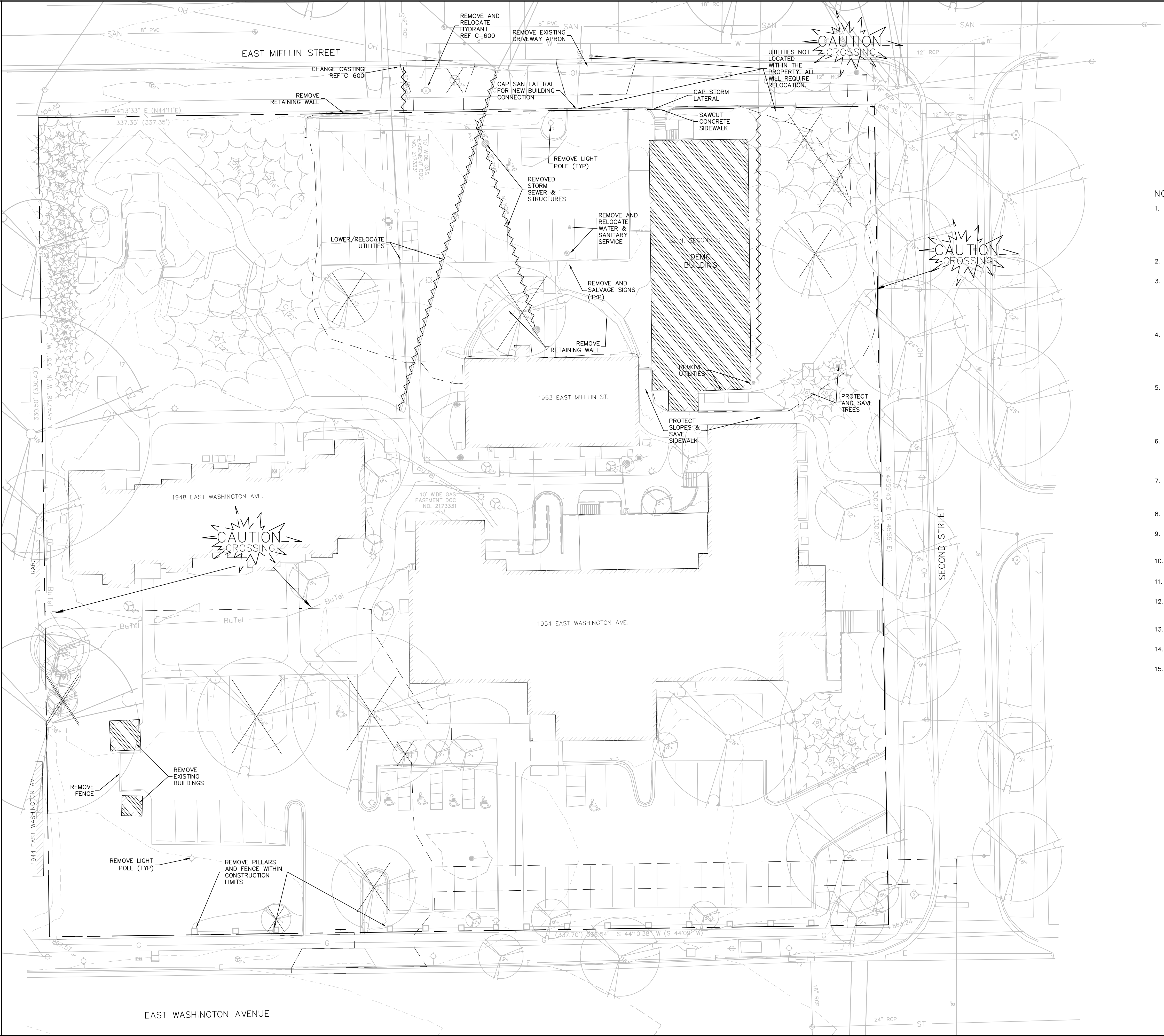
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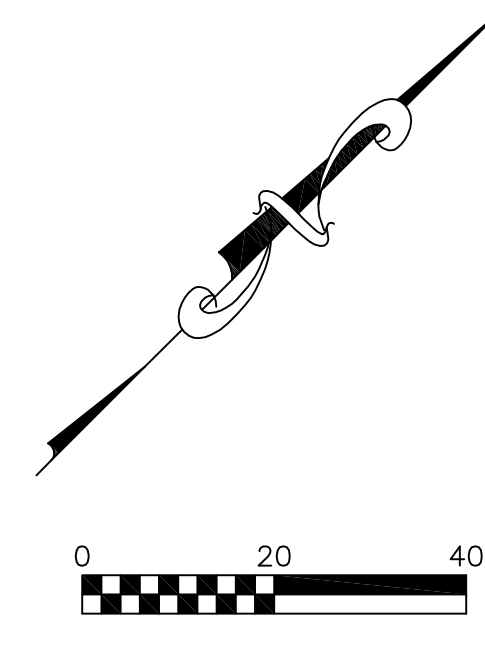
C-2.0

NOT FOR CONSTRUCTION



1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL EXISTING SEWERS, PADS, WALLS, FLOORS, FOUNDATIONS, PARKING DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE REMOVED TO A SUITABLE MAXIMAL ADEQUATE TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION, PLUGGING AND DISPOSAL.
3. THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY FORCING ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE DEVELOPER IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
5. ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION. BE AROUND AN ANTICIPATED FEATURE. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUDED IF UNDER BUILDING.
6. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE UTILITY COMPANIES. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
7. CONTRACTOR SHALL PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, COVERED WALKWAYS, ETC. CONTRACTOR SHALL SUBMIT THEIR STREET OCCUPANCY PLAN TO TRAFFIC ENGINEERING FOR APPROVAL.
8. PRIOR TO DEMOLITION OR REMOVAL, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
9. SAWCUTTING SHALL BE FULL-DEPTH FOR THE ENTIRE LENGTH OF THE CUT AND SHALL RESULT IN A CLEAN, VERTICAL EDGE. REFERENCE CITY OF MADISON SPECIFICATION 203.2(b).
10. DAMAGE TO ALL EXISTING CONDITION TO REMAIN WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
11. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
12. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
13. CAP/PLUG ALL UNUSED EXISTING LATERALS PER CITY OF MADISON REQUIREMENTS.
14. DEMOLITION OF BUILDINGS AND STRUCTURES SHALL INCLUDE THE REMOVAL OF ALL FOUNDATIONS AND SUBSURFACE STRUCTURES.
15. SIDEWALK AND APRON DEMOLITION SHALL BE REMOVED TO THE NEAREST PRACTICABLE JOINT TO THE CONSTRUCTION LIMIT. SAWCUTTING OF THE JOINT SHALL BE PERFORMED TO THE FULL DEPTH PRIOR TO REMOVAL.

	CONSTRUCTION LIMITS
	REMOVE UTILITY
	REMOVE TREE
	REMOVE BUILDING



APPROVALS
PROJECT ENG:
MLB
DESIGNED BY:
PDF
DRAWN BY:
CRB
CHECKED BY:
MLB
APPROVED:
MLB

THE AVENUE EXPANSION
1948, 1953 & 1954 E.Washington Avenue
Madison, WI. 53704

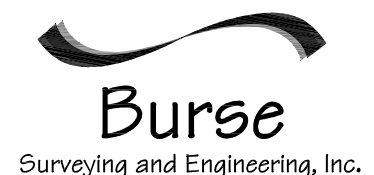
Madison Development Corporation
550 W Washington Ave,
Madison, WI, 53703

PROJECT #:	BSE2055
PLOT DATE:	10/17/2018

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ISSUE DATES:	10/17/2018
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DEMOLITION PLANS

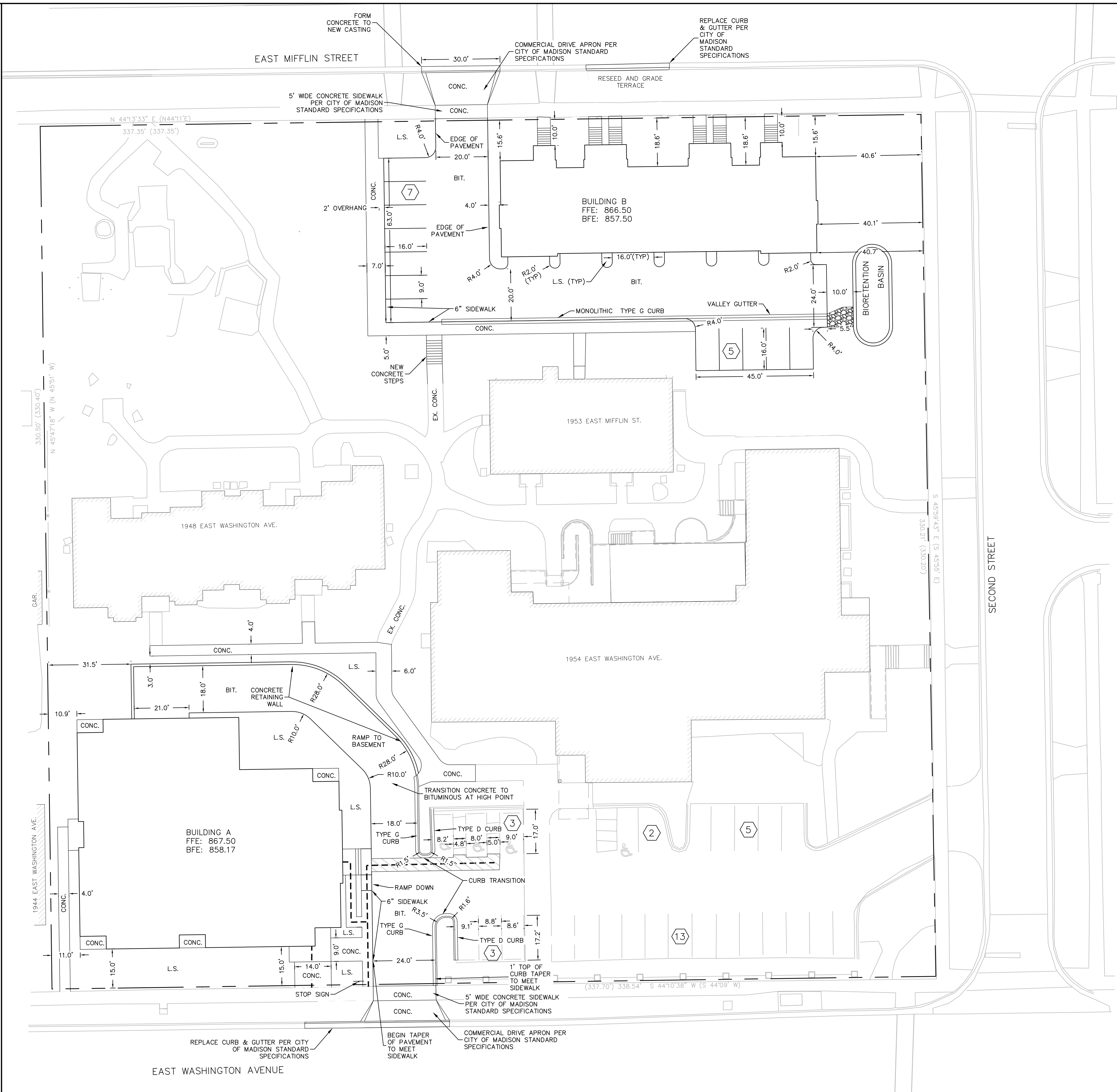


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DRAWING NUMBER

C-3.0

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- NOTES:
1. PAVEMENT MARKINGS AND SIGNAGE PERTAINING TO ACCESSIBLE PARKING STALLS AND ROUTES SHALL CONFORM TO CURRENT ADA REGULATIONS.
 2. CONCRETE PAVEMENT DESIGN SHALL BE PER THE RECOMMENDATION OF THE SOILS CONSULTANT.
 3. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
 4. CURB SHALL CONFORM TO THE CITY OF MADISON STANDARD SPECIFICATIONS FOR TYPE D AND TYPE G. ALL CURB WILL BE TYPE G UNLESS ANNOTATED OTHERWISE. SEE SHEET C-6.0.
 5. TOTAL PARKING STALLS
4 ACCESSIBLE
34 STANDARD

LEGEND	
	ACCESSIBLE ROUTE
	PARKING STALL COUNT
	EXISTING EASEMENT
	PROPERTY BOUNDARY
CONC.	CONCRETE
L.S.	LANDSCAPED
BIT.	BITUMINOUS

Dial 811 or (800) 242-8511
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Madison, WI 53704
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www.bursesurveyengr.com

APPROVALS	PROJECT FILE	MLB	PDF	CSW	CSB	MLB	MLB
	REVISION BY						
	DATE						

THE AVENUE EXPANSION
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Madison Development Corporation
550 W Washington Ave.
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PROJECT #: BSE2055
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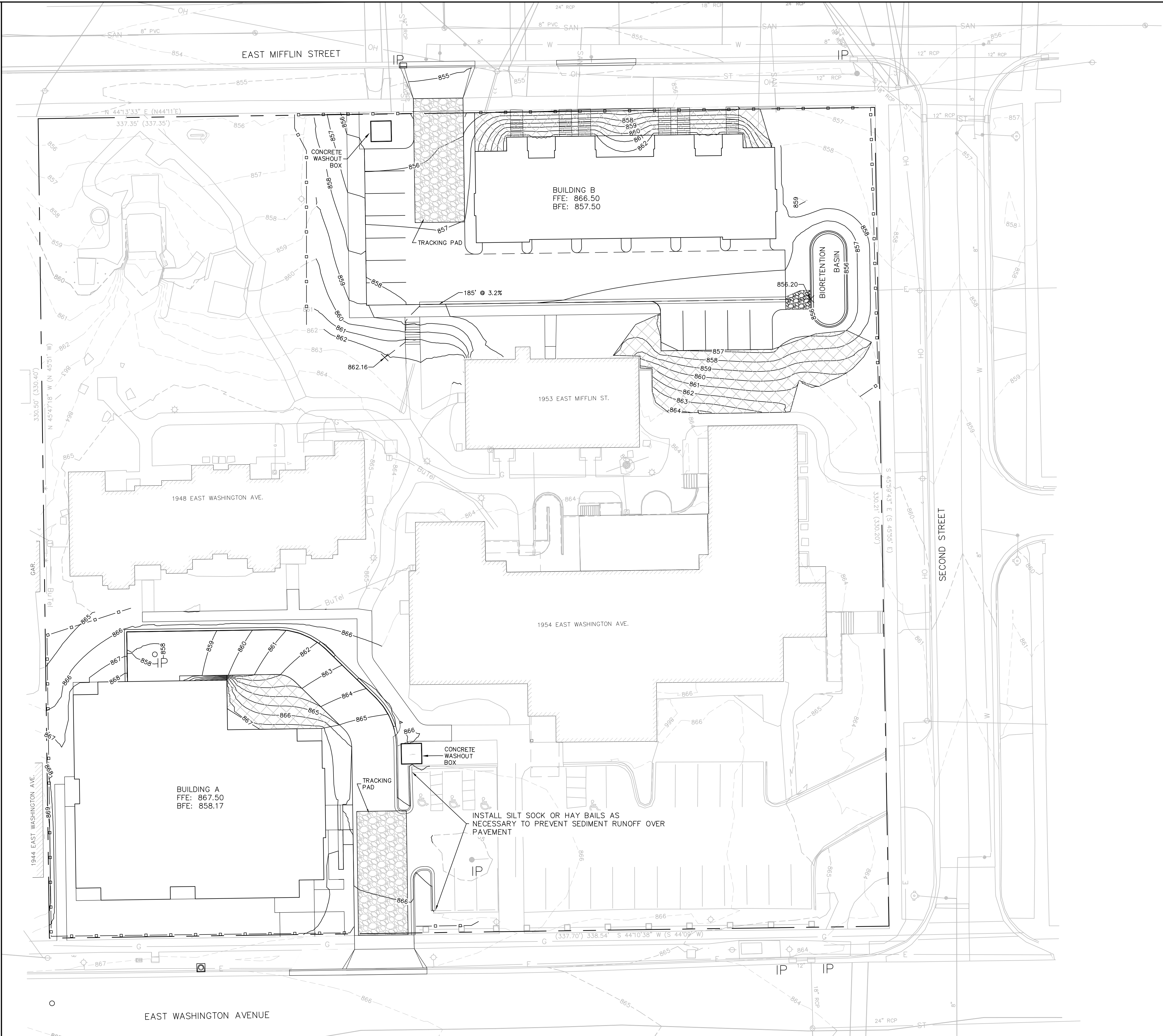
10/17/2018

CIVIL SITE PLAN

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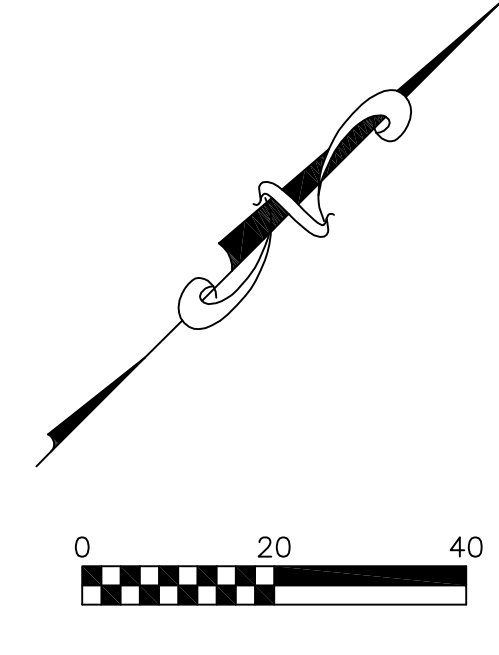
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C-4.0

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LEGEND

- IP INLET PROTECTION
- SILT FENCE
- ST STORM SEWER
- USLE FLOW PATH
- CLASS 1 TYPE A EROSION CONTROL MAT
- MEDIUM RIPRAP



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APPROVALS	PROJECT FILE	MLB	PDF	SWAN	CSB	MLB	MLB

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Madison Development Corporation
 550 W Washington Ave.
 Madison, WI 53703

PROJECT #: BSE2055
PLOT DATE: 10/17/2018

REVISION DATES:

ISSUE DATES:

10/17/2018

EROSION CONTROL PLAN

Burse
 Surveying and Engineering, Inc.

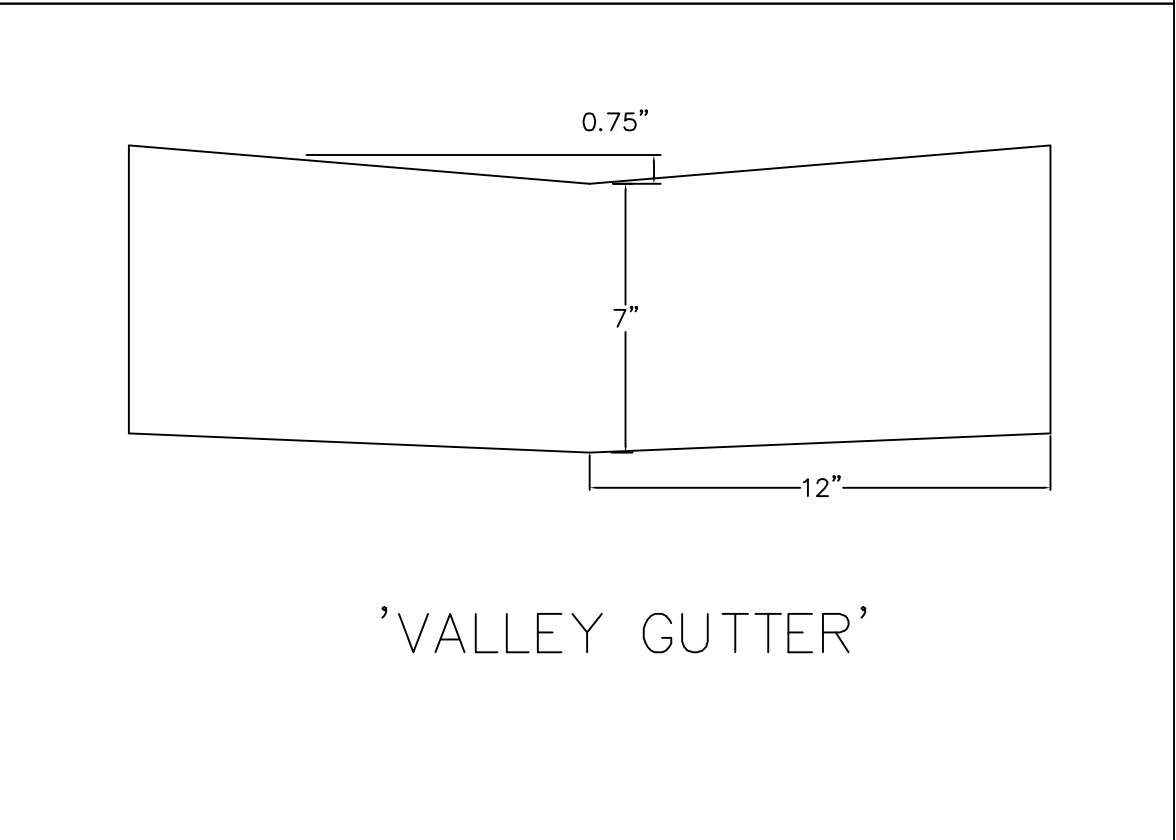
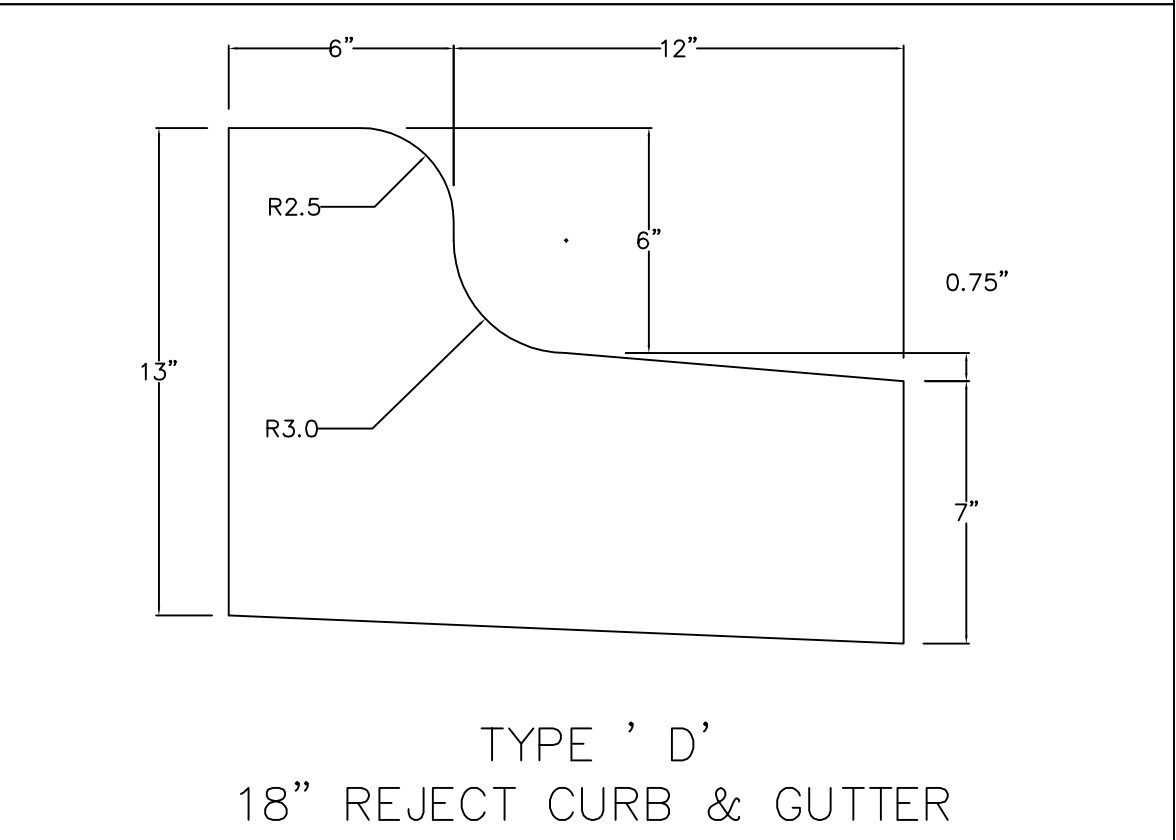
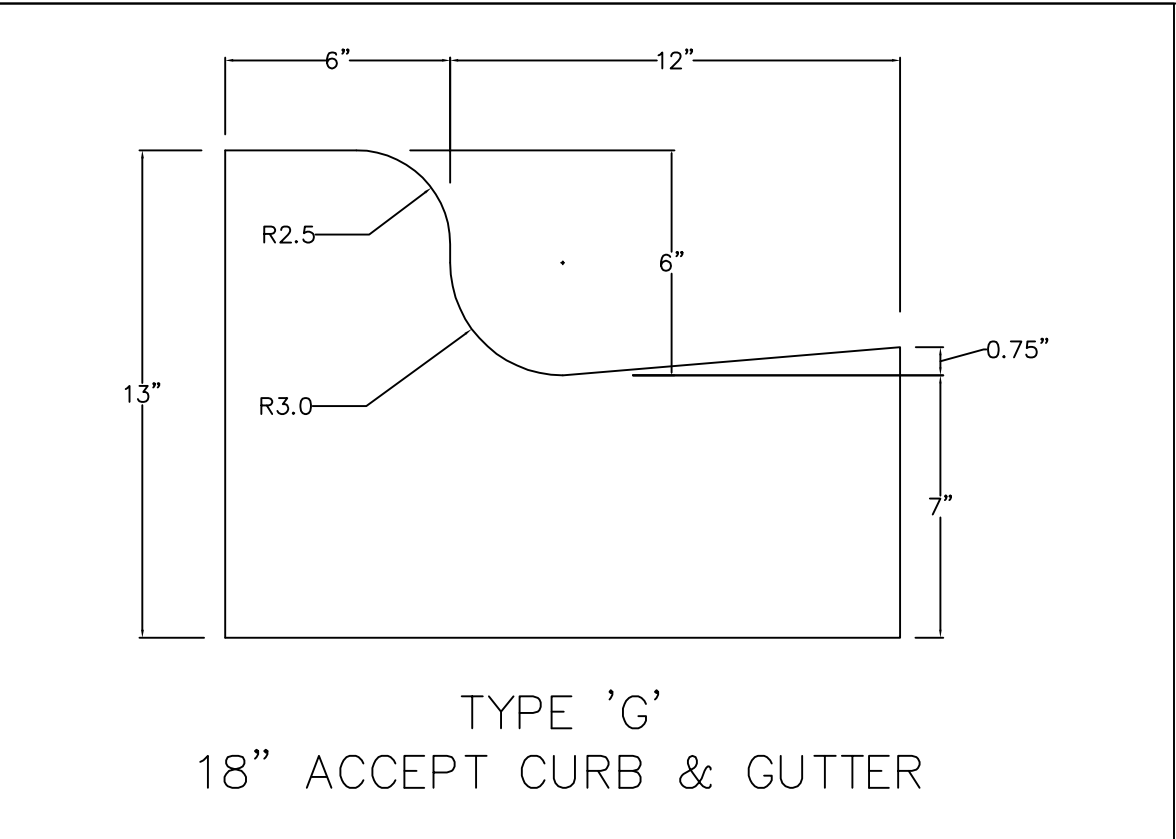
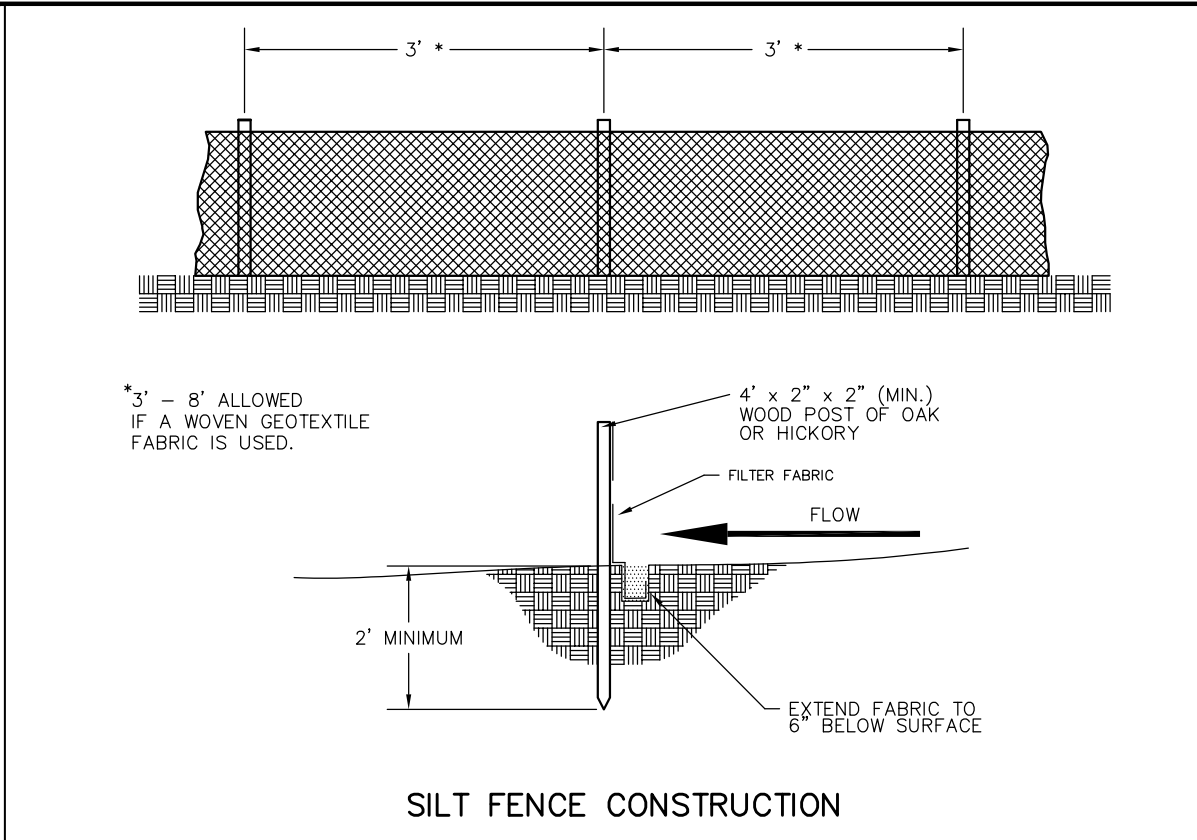
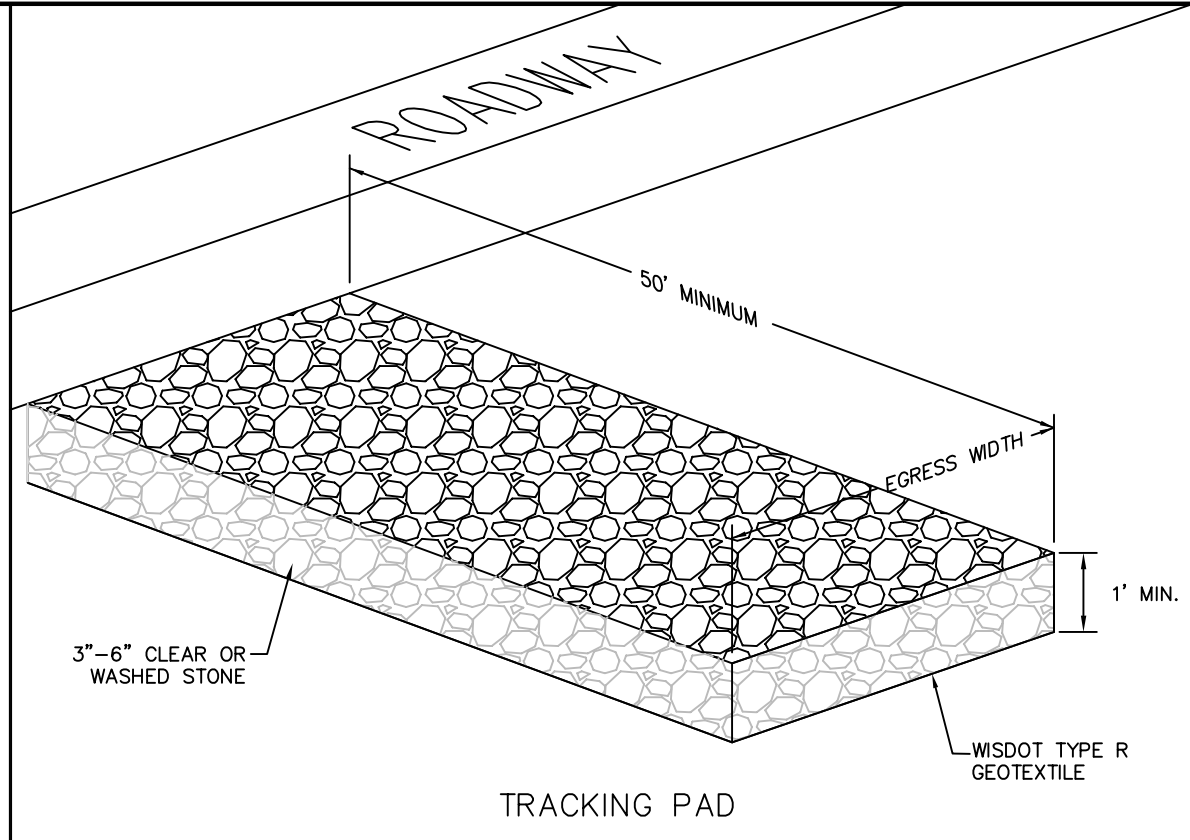
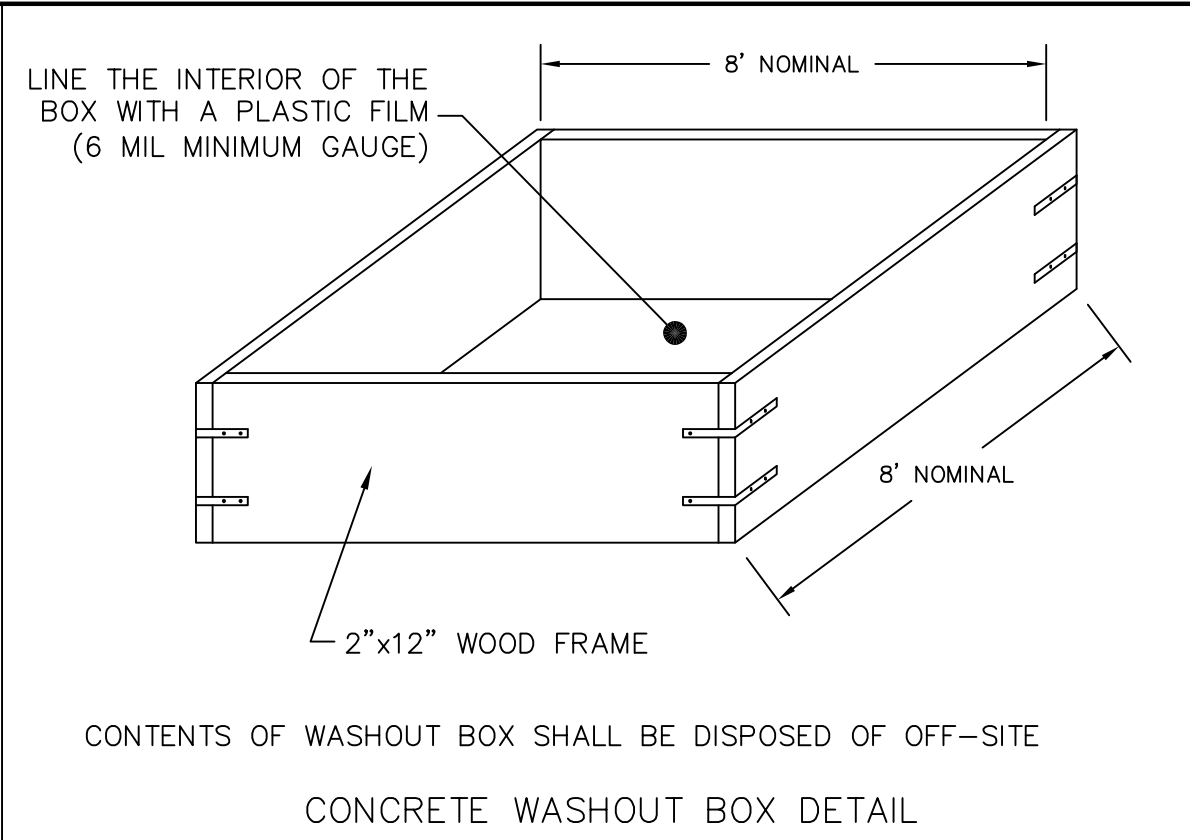
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DRAWING NUMBER

C-5.0

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<u>Schedule:</u>		
MARCH 3, 2019	INSTALL SILT FENCE AND CONSTRUCTION ENTRANCE.	
APRIL 15, 2019	DEMO BUILDINGS, STRIP SITE, REMOVE OLD UTILITIES.	
MAY 15, 2019	INSTALL SEDIMENTATION BASIN.	
OCTOBER 15, 2019	BUILDING CONSTRUCTION, SITE UTILITIES, DRAIN TILE, 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.	



EROSION CONTROL NOTES/SPECIFICATIONS:

- 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.
 - 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.
 - 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.
 - 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](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 STREET.
 - 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](http://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML).
 - 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.
 - 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. DEVICES SHALL COMPLY WITH WDNR TECHNICAL STANDARD 1061 FOUND AT: [HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](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 PROPERTY.
- | PUMP SIZE (MAX GPM) | TYPE I BAG SIZE (SQ-FT) |
|---------------------|-------------------------|
| 50 | 25 |
| 100 | 50 |
| 150 | 75 |
- STORM SEWER INLETS – PROVIDE WDOT TYPE D "CATCHALL" INLET PROTECTION OR EQUIVALENT. REFER TO WDOT PRODUCT ACCEPTABILITY LIST AT: [HTTP://WWW.DOT.WISCONSIN.GOV/BUSINESS/ENGRSERV/PAL.HTM](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 MAINTENANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL PLAT-LEVEL STABILIZATION IS COMPLETE.
 - BUILDING AND WASTE MATERIALS SHALL BE PREVENTED FROM RUNNING-OFF THE SITE AND ENTERING WATERS OF THE STATE IN CONFORMANCE WITH NR151.12(6M).
 - 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.
 - EROSION CONTROL DEVICES SHALL ADHERE TO THE TECHNICAL STANDARDS FOUND AT: [HTTP://DNR.WI.GOV/RUNOFF/STORMWATER/TECHSTDs.HTM](http://DNR.WI.GOV/RUNOFF/STORMWATER/TECHSTDs.HTM) AND COMPLY WITH ALL CITY OF MADISON ORDINANCES.
 - ALL DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE BE SWEEPED OR SCRAPED CLEAN BY THE END OF EACH WORKDAY.
 - ALL BUILDING AND WASTE MATERIAL SHALL BE HANDLED PROPERLY TO PREVENT RUNOFF OF THESE MATERIALS OFF OF THE SITE.
 - ALL DISTURBED AREAS SHALL BE SEEDED IMMEDIATELY AFTER GRADING ACTIVITIES HAVE BEEN COMPLETED.
 - 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. A 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 WDNR TECHNICAL STANDARD 1059 FOUND AT [HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](http://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML).
 - 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.
 - 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.
 - 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.

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

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e-mail: MBurse@BSE-INC.net
www.bursesurveyengr.com

APPROVALS	PROJECT FILE	MLB	PDF	SWAN	CSB	MLB	MLB
		REVISION		CHECKED		APPROVED	

THE AVENUE EXPANSION
1948, 1953 & 1954 E Washington Avenue
Madison, WI 53704
Madison Development Corporation
550 W Washington Ave,
Madison, WI 53703

PROJECT #: BSE2055
PLOT DATE: 10/17/2018
REVISION DATES:

ISSUE DATES:
10/17/2018

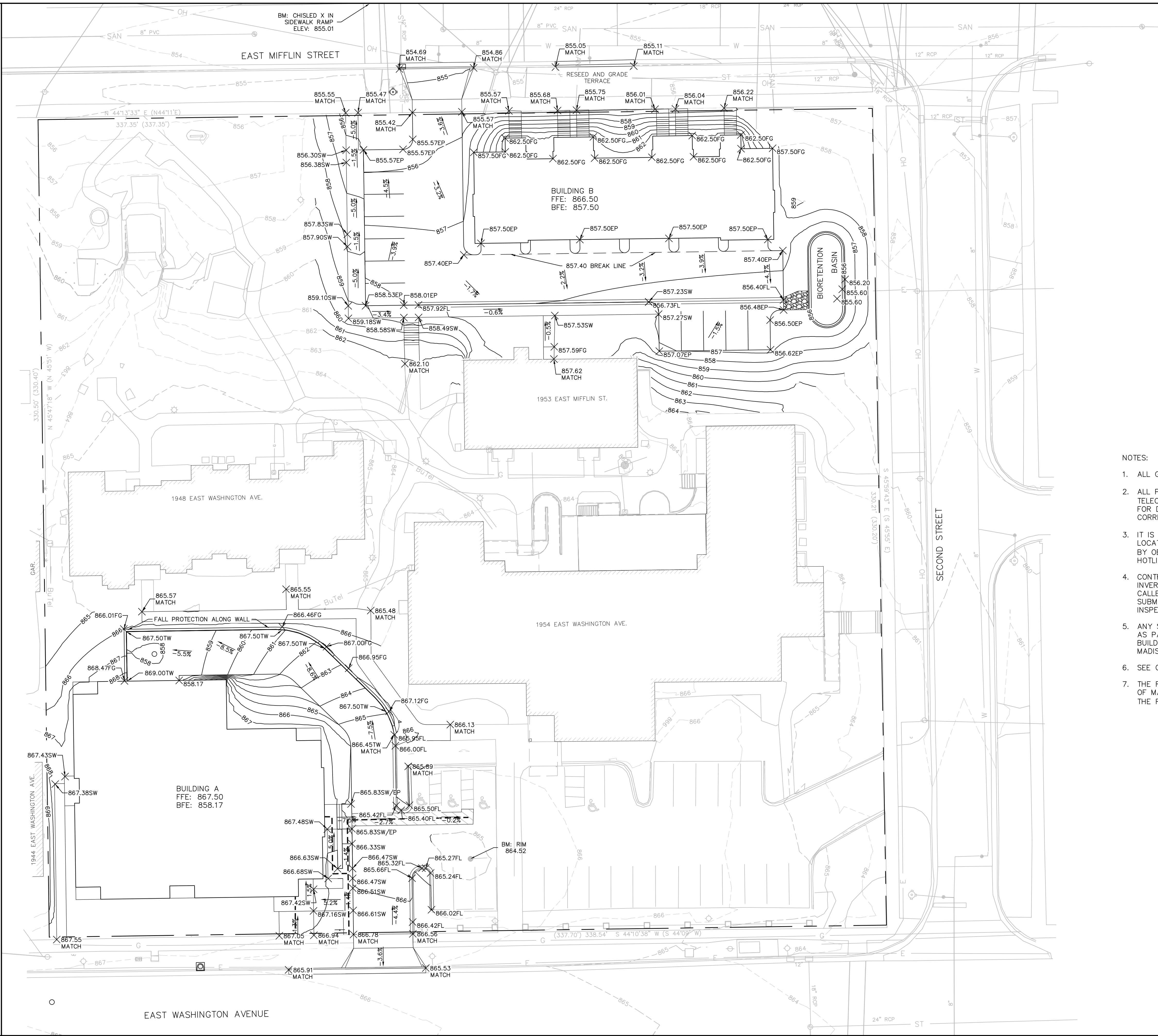
DETAILS

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DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

NOT FOR CONSTRUCTION



LEGEND

---	866	---	EXISTING MINOR CONTOUR
---	865	---	EXISTING MAJOR CONTOUR
---	866	---	PROPOSED MINOR CONTOUR
---	865	---	PROPOSED MAJOR CONTOUR
---	ST	---	PROPOSED STORM SEWER
---		---	EASEMENTS
EP			EDGE OF PAVEMENT
FL			FLOW LINE
SW			SIDEWALK
FG			FINISH GRADE
TW			TOP OF WALL

- NOTES:
- ALL GRADES ARE FINISH ELEVATION.
 - ALL PRIVATE UTILITIES (GAS, ELECTRIC, AND TELECOMMUNICATIONS) SERVING EXISTING BUILDINGS SCHEDULED FOR DEMOLITION TO BE ABANDONED OR REMOVED BY CORRESPONDING UTILITY COMPANY.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES. UTILITIES WERE LOCATED BY OBSERVED EVIDENCE, MARKINGS PROVIDED BY DIGGER'S HOTLINE, AND RECORD DRAWINGS FROM THE CITY OF MADISON.
 - CONTRACTOR SHALL VERIFY THE SIZE, TYPE, SLOPE, AND INVERTS OF ALL EXISTING STORM AND SANITARY LATERALS CALLED OUT TO BE CONNECTED TO. CONTRACTOR SHALL SUBMIT THE INFORMATION ON THE PIPES TO THE CITY INSPECTOR AND PROJECT CIVIL ENGINEER.
 - ANY SIDEWALK, CURB, OR OTHER PUBLIC PROPERTY DAMAGED AS PART OF THE CONSTRUCTION OF THE UTILITIES AND BUILDING SHALL BE REPLACED IN-KIND PER THE CITY OF MADISON STANDARD SPECIFICATIONS.
 - SEE C-8.0 FOR BIORETENTION BASIN DETAIL.
 - THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF THE CITY.

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www.bursesurveyengr.com

APPROVALS	PROJECT FILE	MLB	PDF	SWAN	CSB	MLB

THE AVENUE EXPANSION
1948, 1953 & 1954 E Washington Avenue
Madison, WI, 53704
Madison Development Corporation
550 W Washington Ave.,
Madison, WI, 53703

PROJECT #: BSE2055
PLOT DATE: 10/17/2018

REVISION DATES:

ISSUE DATES:
10/17/2018

GRADING PLAN

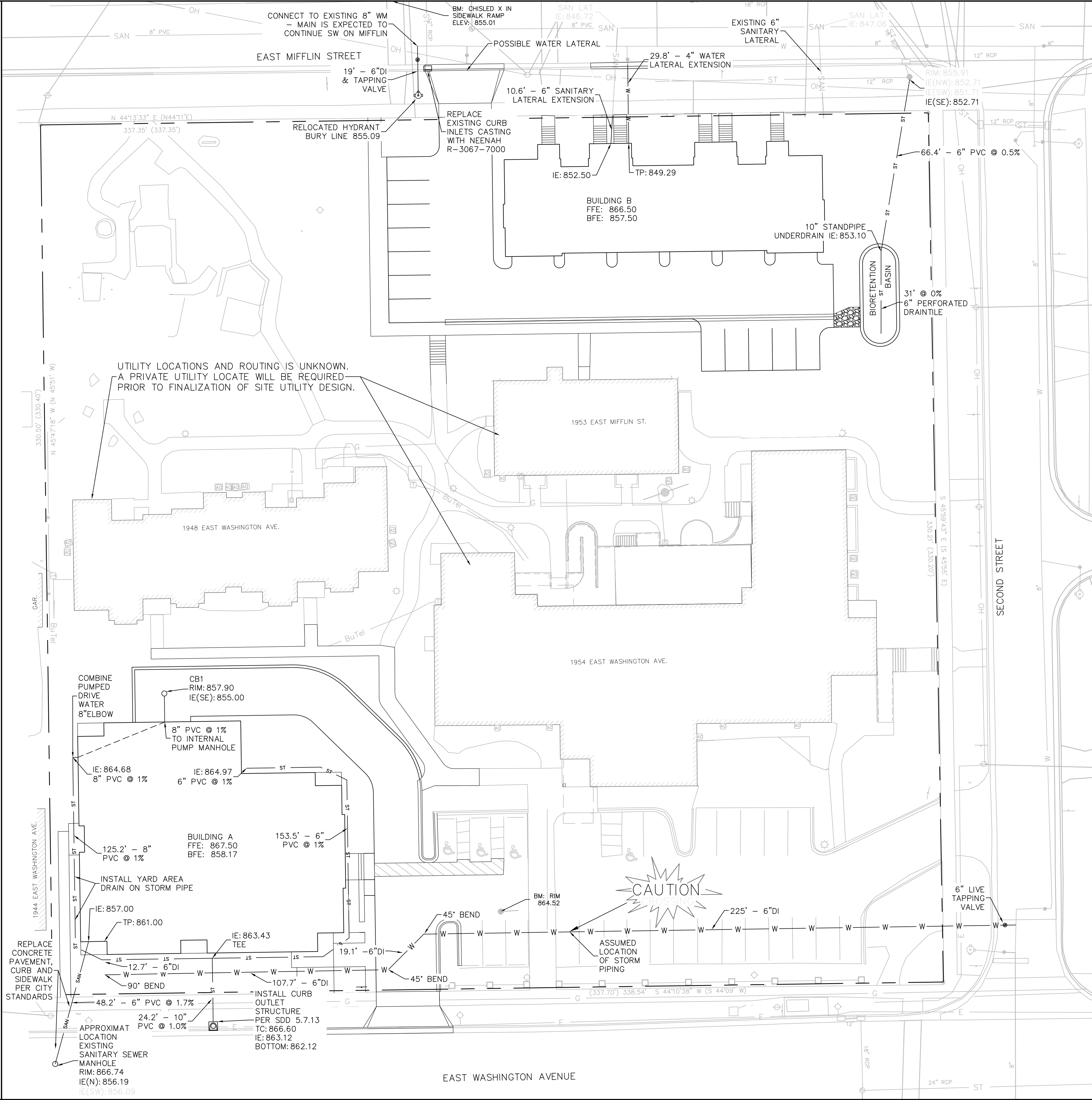
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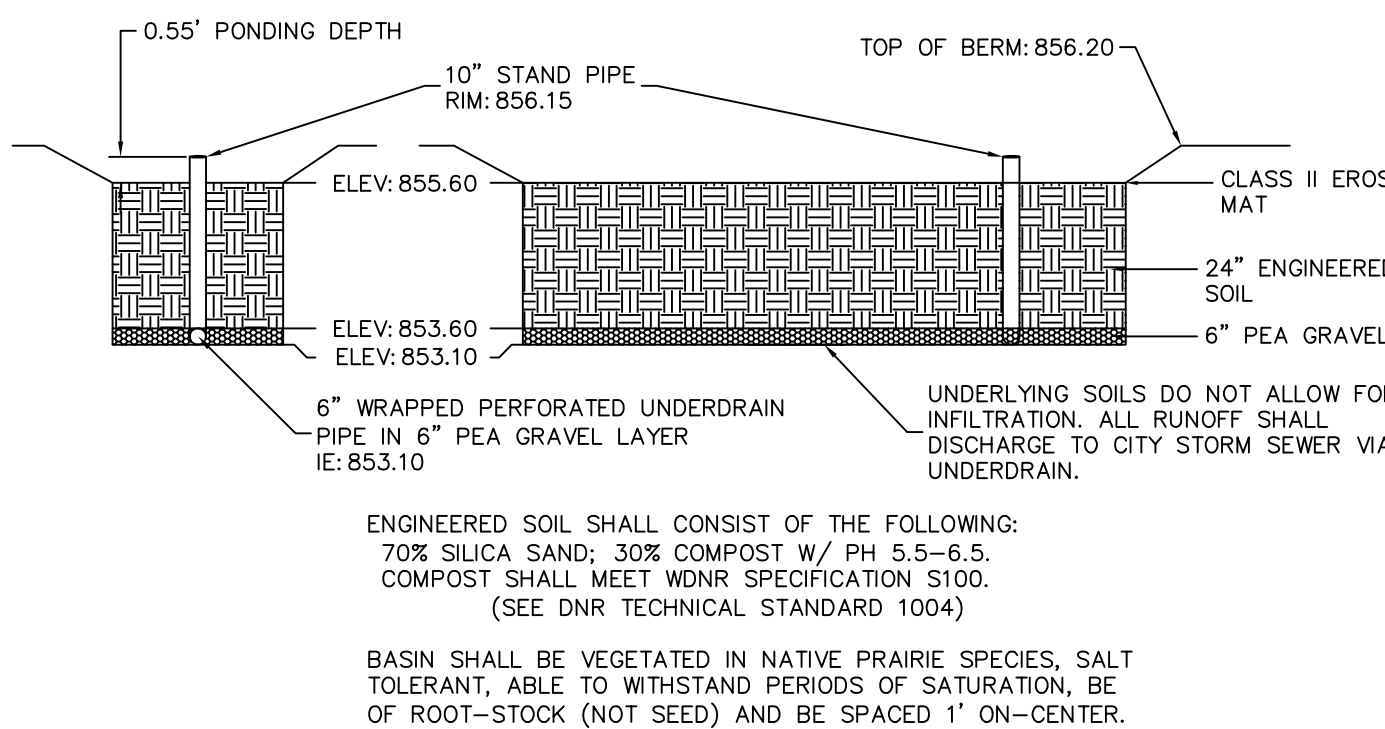
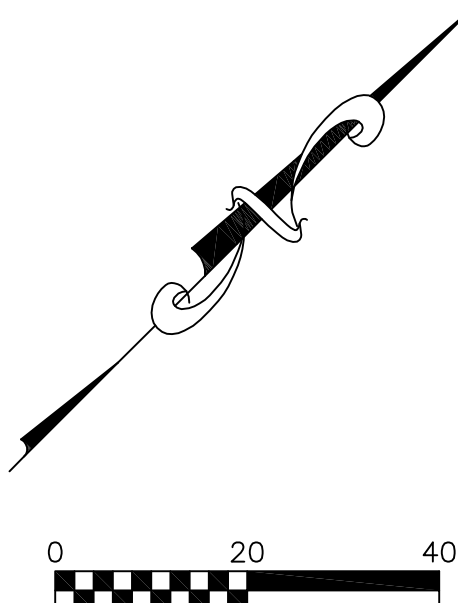


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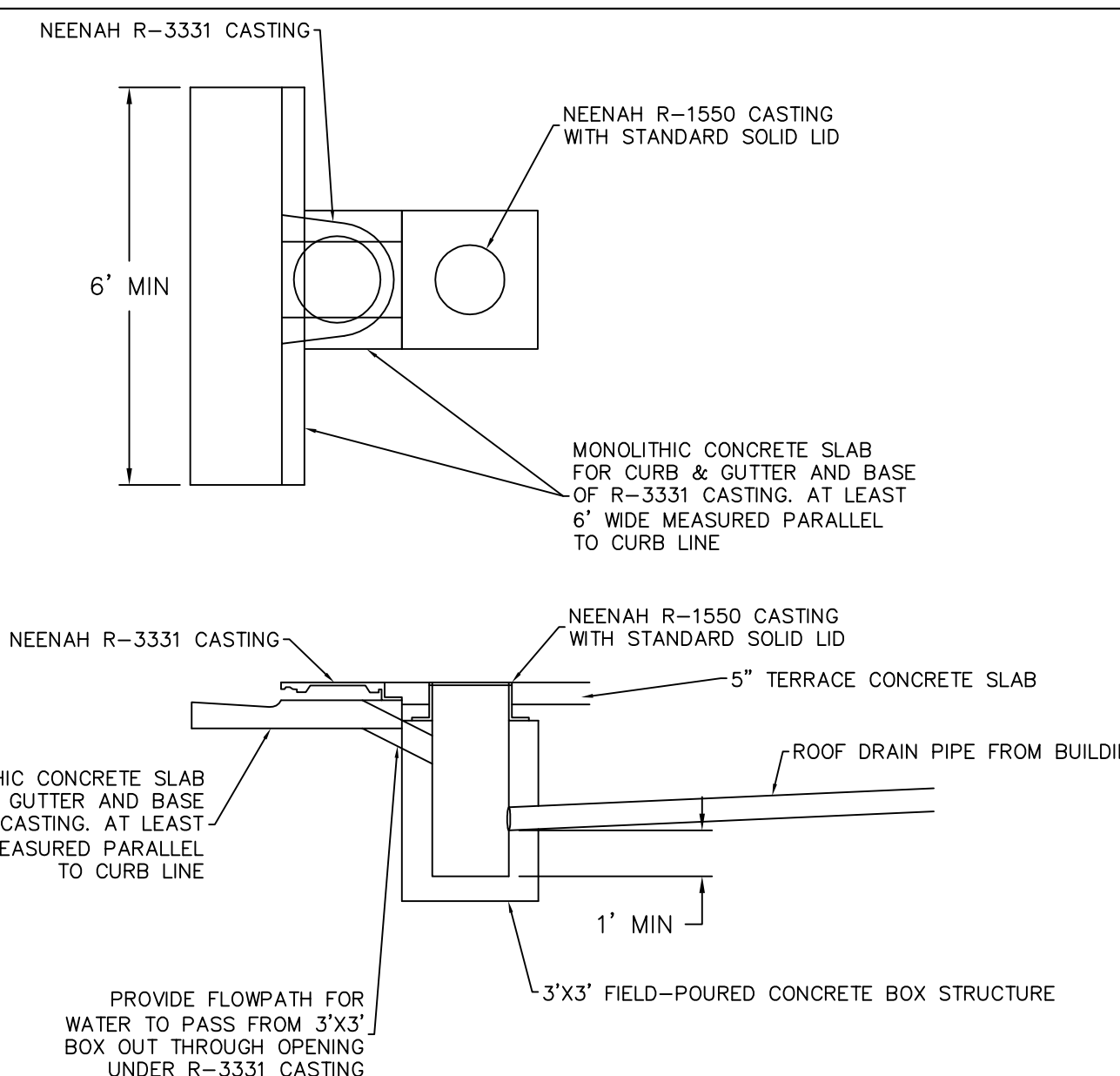
—— W —— PROPOSED WATER SERVICE

—— ST —— PROPOSED STORM

—— SAN —— PROPOSED SANITARY



BIORETENTION DETAIL



CURB OUTLET STRUCTURE
CITY OF MADISON DETAIL 5.7.13

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APPROVALS
PROJECT ENG:
MLB
DESIGNED BY:
PDF
DRAWN BY:
CRB
CHECKED BY:
MLB
APPROVED:
MLB

THE AVENUE EXPANSION

1948, 1953 & 1954 E.Washington Avenue

Madison, WI, 53704

50 W Washington Ave,

PROJECT #: BSE2055

PLOT DATE:	10/17/2018
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REVISION DATES:

ISSUE DATES:

10/17/2018

UTILITY
PLAN

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DIGGERS HOTLINE
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www.DiggersHotline.com

PLANT LIST

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

- NOTES:
- Lawn areas to receive a minimum of 4" of topsoil, starter fertilizer, and # 1 locally grown bluegrass sod.
 - Foundation planting beds to be mulched with shredded hardwood bark spread to a depth of 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
 - Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch spread to a depth of 3"
 - Designated planting beds to be separated from lawn areas with 5" black vinyl bed edging.
 - Owner will be responsible for maintenance after completion and acceptance.

LANDSCAPE WORKSHEET
The Avenue – Building A

Landscape Points Required

Developed Area = 5,202 SF
Landscape Points: 5,202/300 x 5 = **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**

Lot Frontage Landscape Required

(Section 28.142(5) Development Frontage Landscaping)

"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

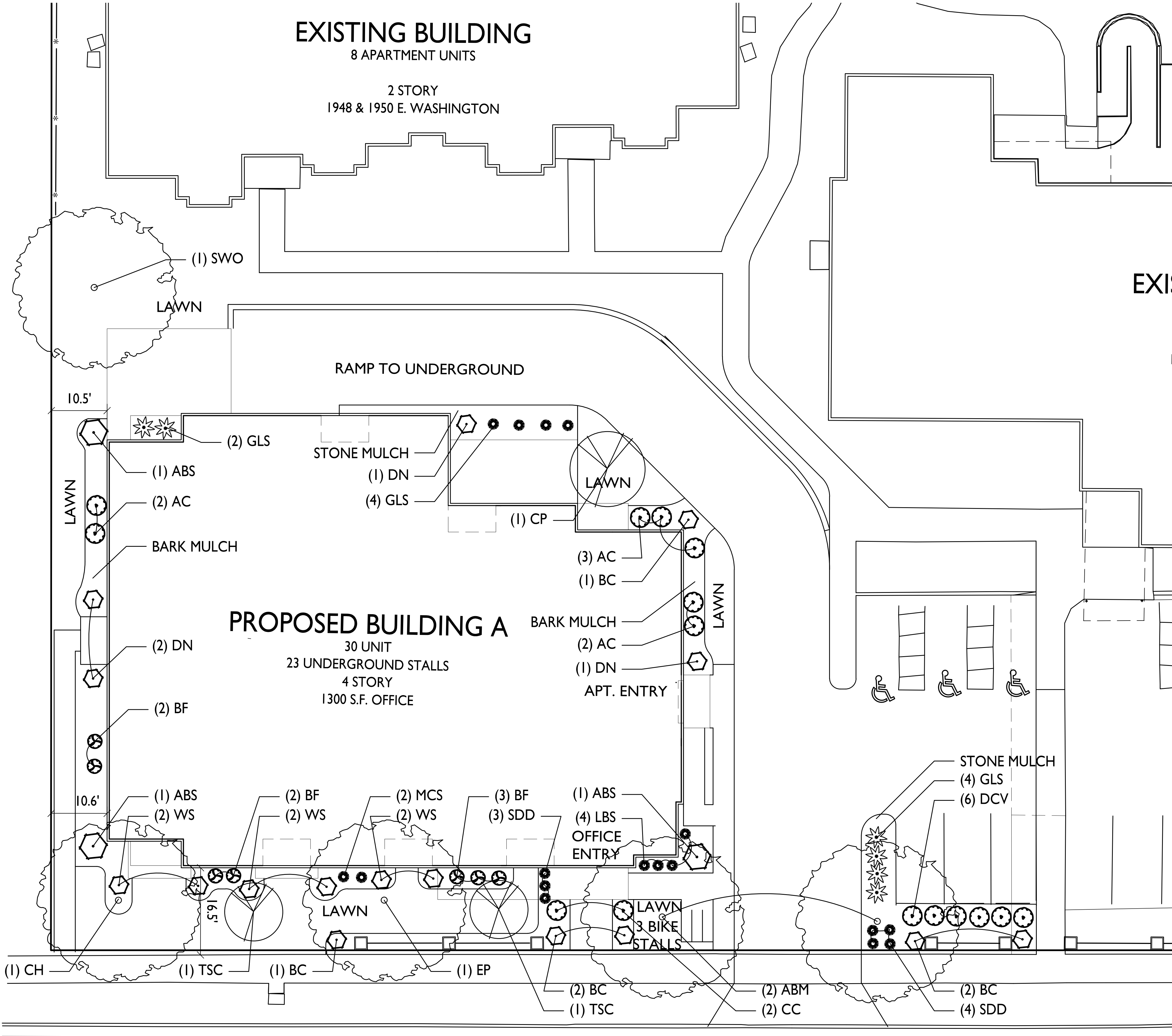
Over story trees required 160'/30' = 5.3
Shrubs required (160'/30') x 5 = 26.6

6 trees
27 shrubs

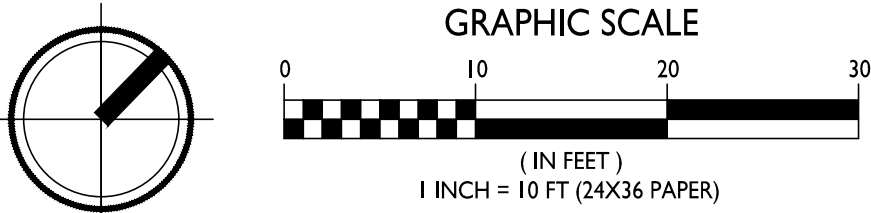
Over story trees supplied
Ornamental/Evergreen trees supplied
Shrubs supplied

5 trees
0 trees
27 shrubs

(Lot Frontage landscape points supplied = **256 points**)



LANDSCAPE PLAN - BUILDING A
1" = 10'-0"



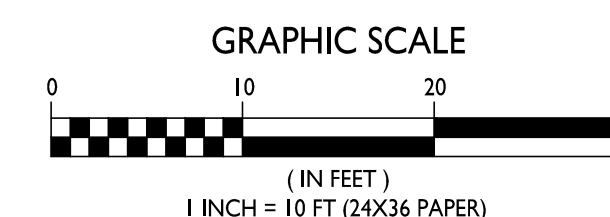
ISSUED
Issued for Land Use & UDC - October 17, 2018

PROJECT TITLE
The Avenue
Expansion
Madison
Development
Corp.

East Washington Ave,
2nd Street & E Mifflin St
SHEET TITLE
Landscape Plan
Building A

SHEET NUMBER

PROJECT NO. 1745
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ISSUED
Issued For Land Use & UDC - Oct. 17, 2018

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

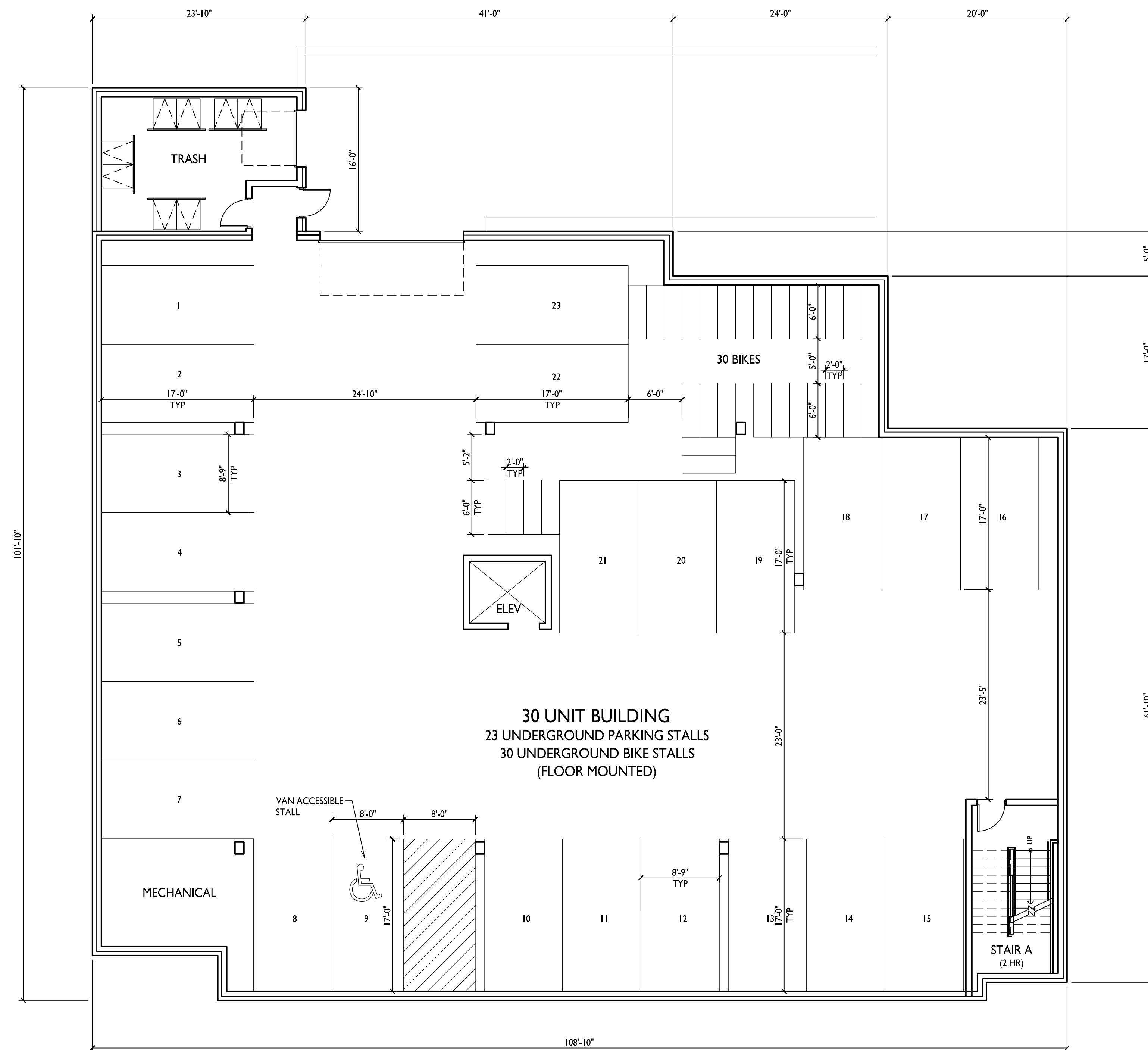
SHEET TITLE

Basement Plan

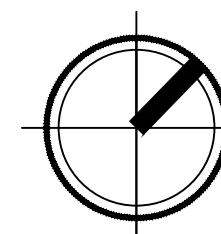
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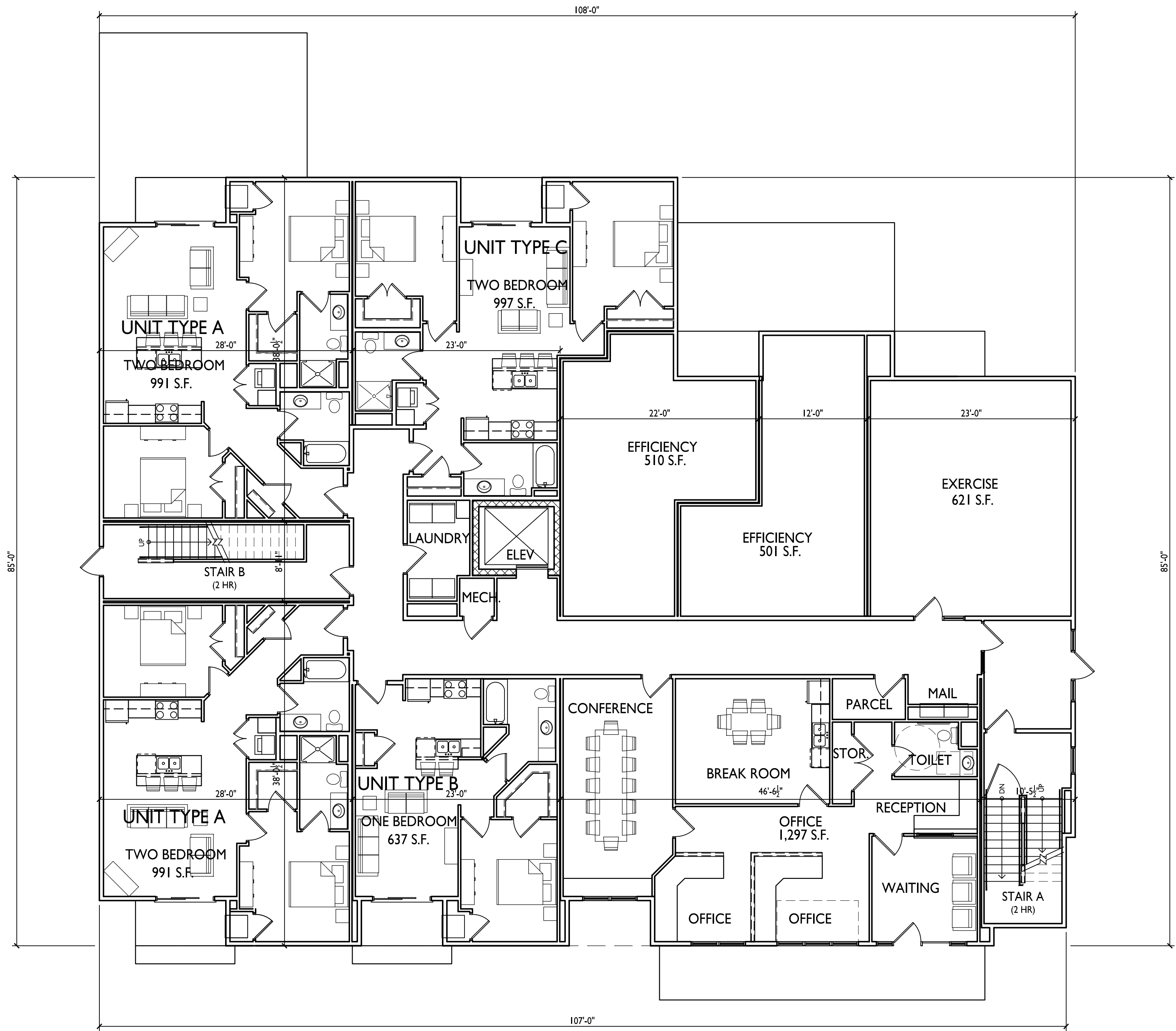


BASEMENT PLAN
SCALE: 1/8"=1'-0"



8,900 SQ.FT.

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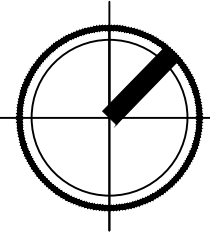


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A-1.1

FIRST FLOOR PLAN

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



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

7,984 SQ.FT.

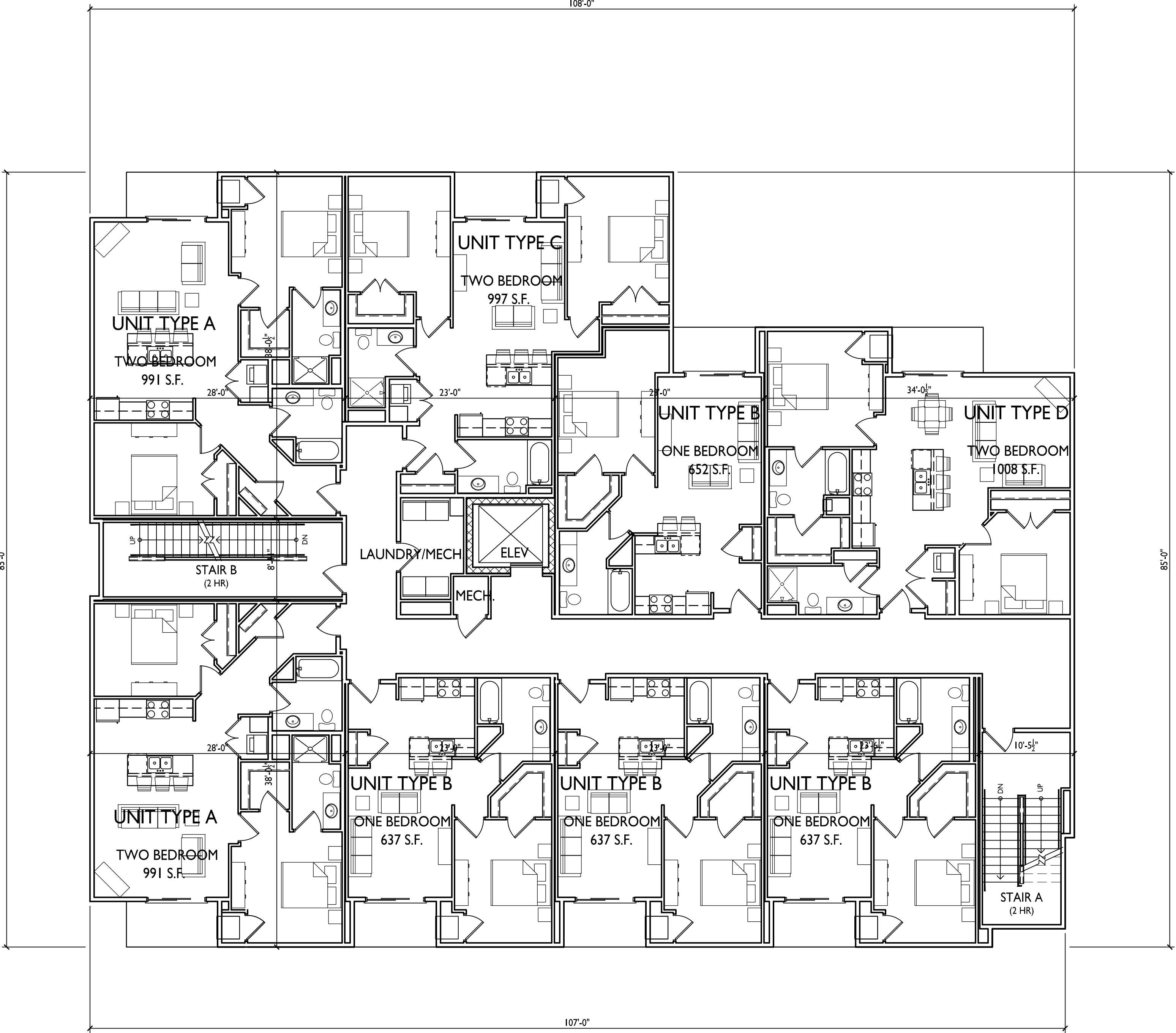
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PROJECT TITLE
The Avenue
Expansion
Madison
Development
Corp.

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

SHEET NUMBER

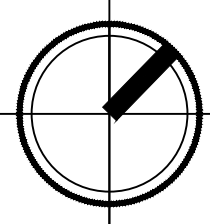
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A-1.2

SECOND - FOURTH FLOOR PLAN

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

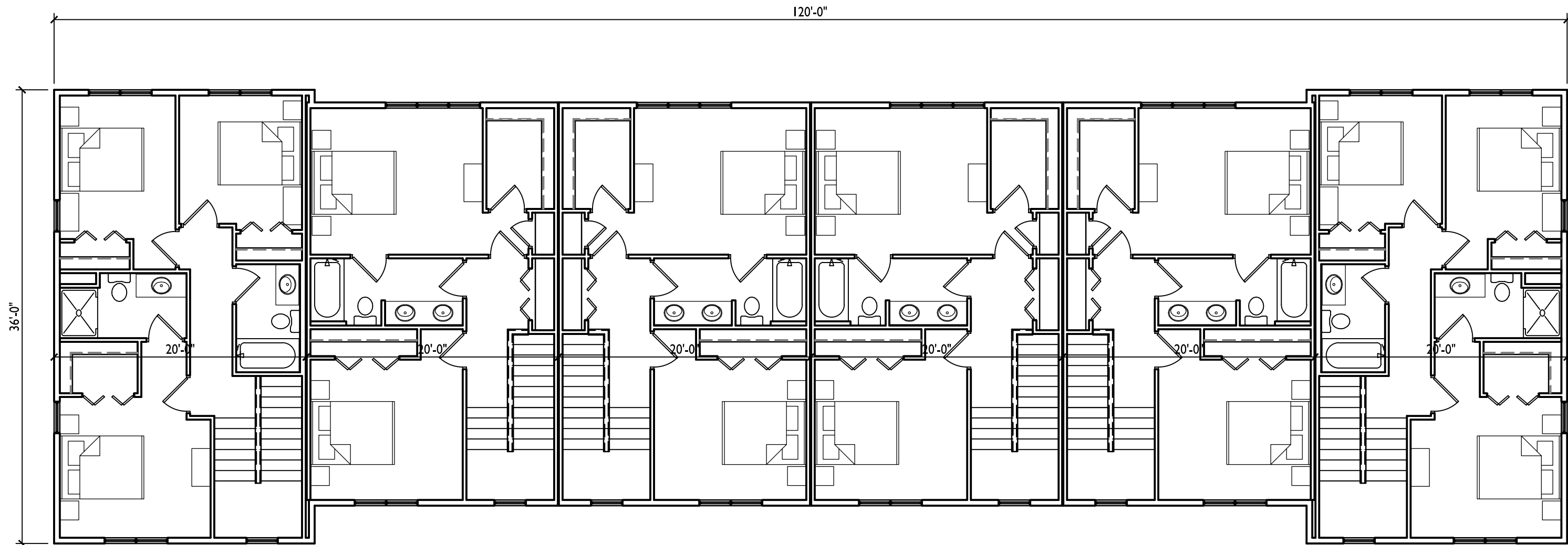


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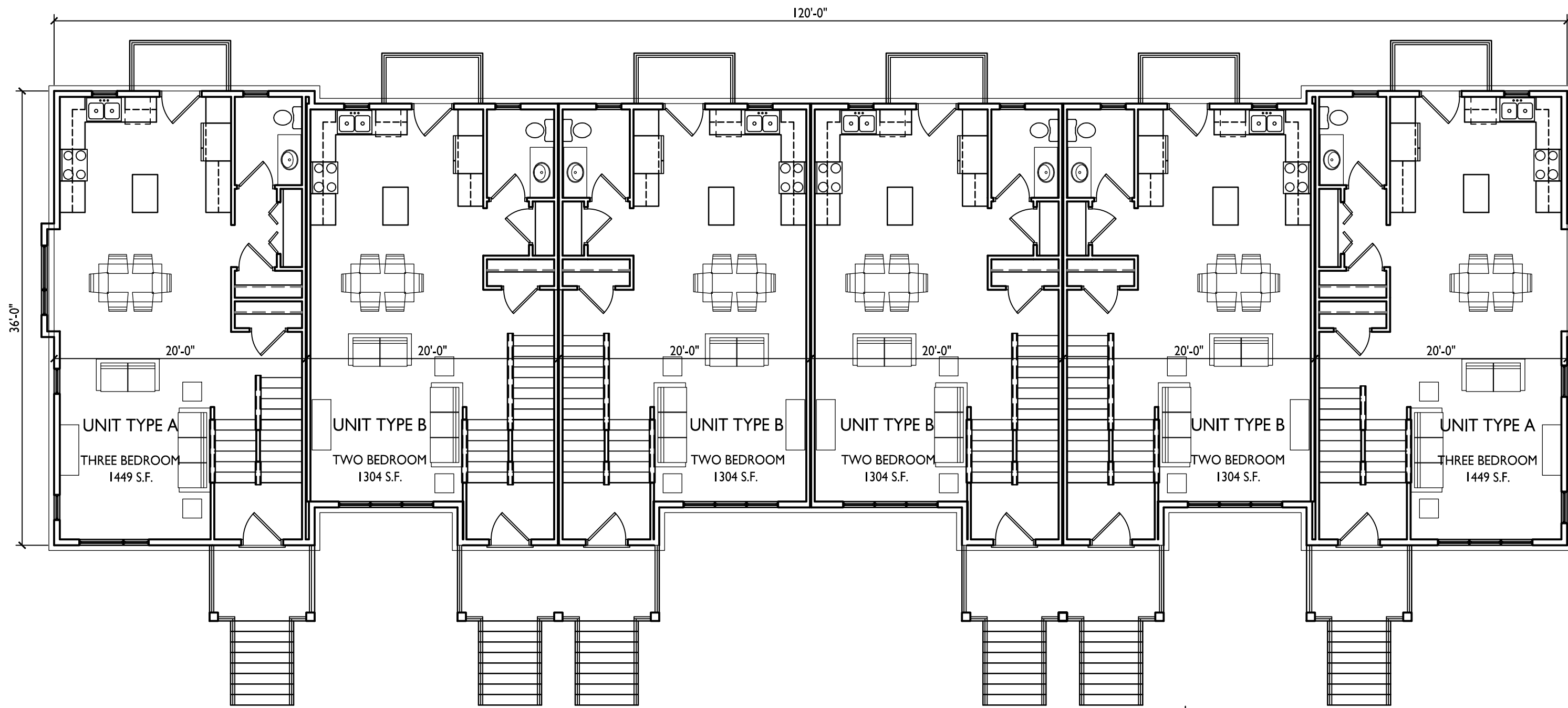
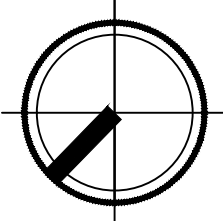
PROJECT TITLE
The Avenue
Expansion
Madison
Development
Corp.

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

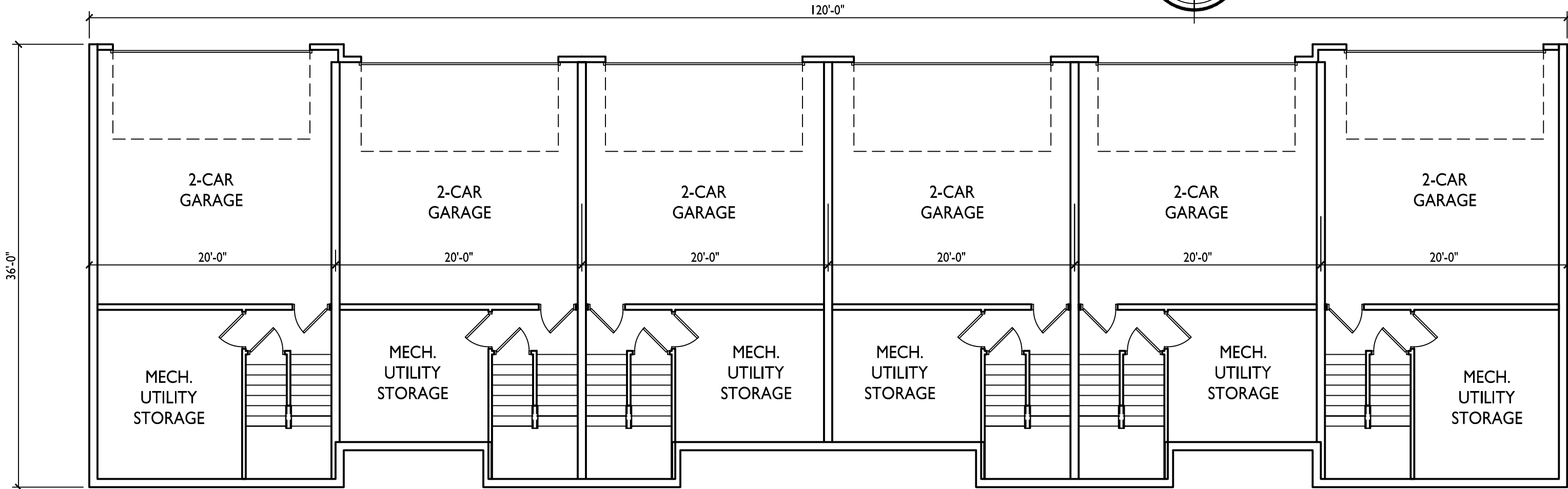
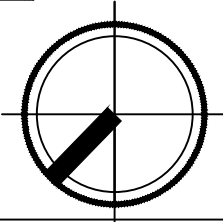
SHEET NUMBER



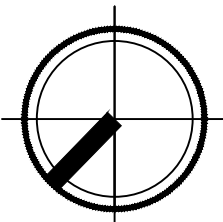
3 SECOND FLOOR PLAN - 6 UNIT
A-1.6 SCALE: 1/8"=1'-0"



2 FIRST FLOOR PLAN - 6 UNIT
A-1.6 SCALE: 1/8"=1'-0"



1 BASEMENT FLOOR PLAN - 6 UNIT
A-1.6 SCALE: 1/8"=1'-0"





1 North Elevation - Option A
A-2.1 1/8" = 1'-0"



2 East Elevation - Option A
A-2.1 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
6" COMPOSITE LAP SIDING	JAMES HARDIE	TIMBER BARK
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



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KEY PLAN

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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

A-2.1

PROJECT NUMBER 1745

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1 Option A - North Elevation Color
A-2.1C 1/8" = 1'-0"



2 Option A - East Elevation Color
A-2.1C 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
6" COMPOSITE LAP SIDING	JAMES HARDIE	TIMBER BARK
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



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Option A

SHEET NUMBER

A-2.2

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1 South Elevation - Option A
A-2.2 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
6" COMPOSITE LAP SIDING	JAMES HARDIE	TIMBER BARK
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



2 West Elevation - Option A
A-2.2 1/8" = 1'-0"



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SHEET TITLE
Exterior
Elevations -
Option A -
Color

SHEET NUMBER

A-2.2C

PROJECT NUMBER 1745

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1 Option A - South Elevation Color
A-2.2C 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
6" COMPOSITE LAP SIDING	JAMES HARDIE	TIMBER BARK
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



2 Option A - West Elevation Color
A-2.2C 1/8" = 1'-0"



1

A-2.5

North Elevation - Townhomes

1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
6" COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	KHAKI BROWN
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AUTUMN TAN
COMPOSITE TRIM	JAMES HARDIE	CREAM
CAST STONE VENEER	N/A	BUFF
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD
VINYL WINDOWS	VISIONS	TAN
FIBERGLASS DOORS	N/A	TAN
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER
SOFFITS & FASCIA	JAMES HARDIE	CREAM
RAILINGS	SUPERIOR	DARK BRONZE



3

A-2.5

East Elevation - Townhomes

1/8" = 1'-0"



4

A-2.5

West Elevation - Townhomes

1/8" = 1'-0"



2

A-2.5

South Elevation - Townhomes

1/8" = 1'-0"

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SHEET TITLE

Exterior
Elevations -
Townhomes

SHEET NUMBER



1

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	KHAKI BROWN
6" COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	AUTUMN TAN
COMPOSITE TRIM	JAMES HARDIE	CREAM
CAST STONE VENEER	N/A	BUFF
ASPHALT SHINGLE ROOF	GAF	TIMBERLINE - WEATHERED WOOD
VINYL WINDOWS	VISIONS	TAN
FIBERGLASS DOORS	N/A	TAN
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH STONE VENEER
SOFFITS & FASCIA	JAMES HARDIE	CREAM
RAILINGS	SUPERIOR	DARK BRONZE



2

Townhomes - East Elevation Color

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



3

Townhomes - West Elevation Color

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



4

Townhomes - South Elevation Color

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

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SHEET TITLE

Exterior
Elevations -
Townhomes
- Color

SHEET NUMBER



The Avenue Expansion Madison Development Corp.

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

Street View Option A - East





The Avenue Expansion Madison Development Corp.

East Washington Ave, 2nd Street & E. Mifflin St.
Close Street View Option A - South





The Avenue Expansion Madison Development Corp.

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

Town Home - Street Corner





The Avenue Expansion Madison Development Corp.

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

Town Home - Front View

