Cree Edge™ Series

LED Area/Flood Luminaire

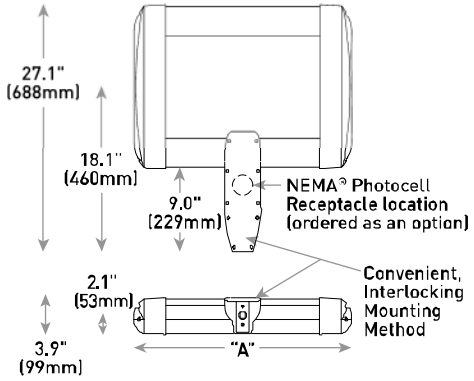
604 S. Point Rd.

Product Description

The Cree Edge™ Series has a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, weathertight LED driver compartment and high performance aluminum heat sinks. Various mounting choices: Adjustable Arm, Direct Arm, Direct Arm Long, or Side Arm (details on page 2). Includes a leaf/debris guard.

Applications: Parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways

DA Mount



Performance Summary

- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- **CRI:** Minimum 70 CRI
- **CCT:** 4000K (+/- 300K), 5700K (+/- 500K) standard
- **Limited Warranty†:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See http://lighting.cree.com/warranty for warranty terms

LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	21 lbs. (10kg)
04	12.1" (306mm)	24 lbs. (11kg)
06	14.1" (357mm)	27 lbs. (12kg)
08	16.1" (408mm)	28 lbs. (13kg)
10	18.1" (459mm)	32 lbs. (15kg)
12	20.1" (510mm)	34 lbs. (15kg)
14	22.1" (560mm)	37 lbs. (17kg)
16	24.1" (611mm)	41 lbs. (19kg)

AA/DL/SA Mount - see page 22 for weight & dimensions

Accessories

Field-Installed

Bird Spikes
XA-BRDSPK

Hand-Held Remote
XA-SFNSRFM
- For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Backlight Control Shields
XA-20BLS-4
- Four-pack
- Unpainted stainless steel

Ordering Information

Example: ARE-EDG-2M-AA-12-E-UL-SV-350

Product	Optic	Mounting*	LED Count (x10)	Series	Voltage	Color Options	Drive Current	Options
				E				
ARE-EDG	**2M** Type II Medium **2MB** Type II Medium w/BLS **2MP** Type II Medium w/Partial BLS **3M** Type III Medium **3MB** Type III Medium w/BLS **3MP** Type III Medium w/Partial BLS **4M** Type IV Medium **4MB** Type IV Medium w/BLS **4MP** Type IV Medium w/Partial BLS **5M** Type V Medium **5S** Type V Short	**AA** Adjustable Arm **DA** Direct Arm **DL** Direct Long Arm **SA** Side Arm - Available with 20-60 LEDs	**02** **04** **06** **08** **10** **12** **14** **16**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**350** 350mA **525** 525mA **700** 700mA - Available with 20-60 LEDs	**DIM 0-10V Dimming** - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified drive current **F Fuse** - Refer to MI spec sheet for availability with MI options - Available with UL voltage only - When code dictates fusing, use time delay fuse **HL Hi/Low (Dual Circuit Input)** - Refer to HL spec sheet for details - Sensor not included **ML Multi-Level** - Refer to ML spec sheet for details - Intended for downlight applications at 0° tilt **P Photocell** - Refer to ML spec sheet for availability with ML options - Available with UL voltage only **PML Programmable Multi-Level, 20-40' Mounting Height** - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt **PML2 Programmable Multi-Level, 10-30' Mounting Height** - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt **R NEMA® Photocell Receptacle** - Intended for downlight applications with maximum 45° tilt - Photocell by others - Refer to ML spec sheet for availability with ML options **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire
FLD-EDG	**25** 25° Flood **40** 40° Flood **70** 70° Flood **SN** Sign **N6** NEMA® 6							

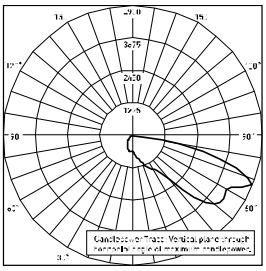
* Reference EPA and pole configuration suitability data beginning on page 19
NOTE: Price adders may apply depending on configuration

Rev. Date: V3 08/03/2016

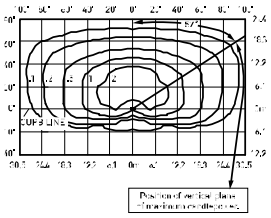
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: http://lighting.cree.com/products/outdoor/area/cree-edge-series-1

3MB



CSA Test Report #: 6778
ARE-EDG-3MB--06-F-UL-700**
Initial Delivered Lumens: 7,740



ARE-EDG-3MB--12-E-UL-525-70K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 12,420
Initial FC at grade

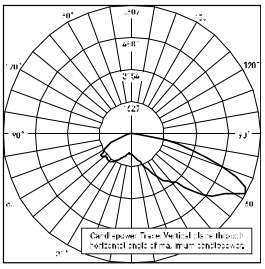
Type III Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,499	B1 U0 G1	1,557	B1 U0 G1
04	2,999	B1 U0 G1	3,177	B1 U0 G1
06	4,446	B1 U0 G1	4,677	B1 U0 G1
08	5,929	B1 U0 G2	6,157	B1 U0 G2
10	7,393	B1 U0 G2	7,677	B1 U0 G2
12	8,872	B1 U0 G2	9,213	B1 U0 G2
14	10,285	B1 U0 G2	10,680	B1 U0 G2
16	11,754	B1 U0 G3	12,206	B1 U0 G3
525mA				
02	2,099	B1 U0 G1	2,180	B1 U0 G1
04	4,198	B1 U0 G1	4,359	B1 U0 G1
06	6,225	B1 U0 G2	6,464	B1 U0 G2
08	8,300	B1 U0 G2	8,619	B1 U0 G2
10	10,350	B1 U0 G2	10,745	B1 U0 G2
12	12,420	B1 U0 G3	12,895	B1 U0 G3
14	14,395	B1 U0 G3	14,952	B2 U0 G3
16	16,455	B2 U0 G3	17,085	B2 U0 G3
700mA				
02	2,564	B1 U0 G1	2,662	B1 U0 G1
04	5,127	B1 U0 G2	5,325	B1 U0 G2
06	7,603	B1 U0 G2	7,896	B1 U0 G2

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org PDF/Errata/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

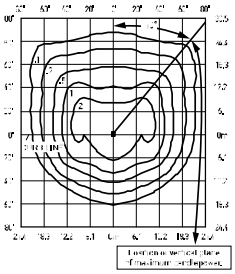
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: http://lighting.cree.com/products/outdoor/area/cree-edge-series-1

4M



CSA Test Report #: 6738
ARE-EDG-4M--06-F-JI -700-40K**
Initial Delivered Lumens: 1[illegible],367



ARE-EDG-4M--12-E-UL-525-40K**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 17,710
Initial FC at grade

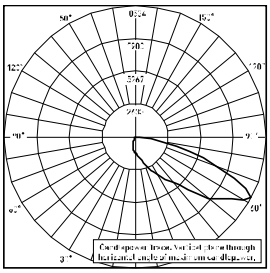
Type IV Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,138	B1 U0 G1	2,220	B1 U0 G1
04	4,276	B1 U0 G1	4,440	B1 U0 G1
06	6,340	B2 U0 G2	6,584	B2 U0 G2
08	8,454	B2 U0 G2	8,779	B2 U0 G2
10	10,542	B2 U0 G2	10,947	B2 U0 G2
12	12,650	B3 U0 G3	13,137	B3 U0 G3
14	14,665	B3 U0 G3	15,229	B3 U0 G3
16	16,760	B3 U0 G3	17,405	B3 U0 G3
525mA				
02	2,993	B1 U0 G1	3,108	B1 U0 G1
04	5,986	B2 U0 G1	6,216	B2 U0 G2
06	8,876	B2 U0 G2	9,218	B2 U0 G2
08	11,835	B2 U0 G2	12,290	B3 U0 G3
10	14,759	B3 U0 G3	15,326	B3 U0 G3
12	17,710	B3 U0 G3	18,391	B3 U0 G3
14	20,531	B3 U0 G3	21,321	B3 U0 G3
16	23,464	B3 U0 G3	24,367	B4 U0 G3
700mA				
02	3,636	B1 U0 G1	3,796	B1 U0 G1
04	7,311	B2 U0 G2	7,593	B2 U0 G2
06	10,842	B2 U0 G2	11,259	B2 U0 G2

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org PDF/Errata/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

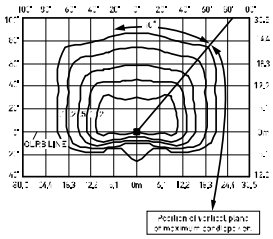
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: http://lighting.cree.com/products/outdoor/area/cree-edge-series-1

4MB



CSA Test Report #: 6449
ARE-EDG-4MB-**-12-F-UL-525-40K
Initial Delivered Lumens: 12,155



ARE-EDG-4MB-**-12-E-UL-525-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,340
Initial FC at grade

Type IV Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,610	B0 U0 G1	1,672	B0 U0 G1
04	3,221	B1 U0 G1	3,345	B1 U0 G1
06	4,776	B1 U0 G1	4,959	B1 U0 G1
08	6,368	B1 U0 G2	6,613	B1 U0 G2
10	7,941	B1 U0 G2	8,246	B1 U0 G2
12	9,529	B1 U0 G2	9,895	B1 U0 G2
14	11,046	B1 U0 G2	11,471	B1 U0 G2
16	12,624	B1 U0 G2	13,110	B1 U0 G2
525mA				
02	2,254	B0 U0 G1	2,341	B0 U0 G1
04	4,509	B1 U0 G1	4,682	B1 U0 G1
06	6,656	B1 U0 G2	6,943	B1 U0 G2
08	8,915	B1 U0 G2	9,258	B1 U0 G2
10	11,117	B1 U0 G2	11,544	B1 U0 G2
12	13,340	B1 U0 G2	13,853	B2 U0 G2
14	15,465	B2 U0 G2	16,060	B2 U0 G3
16	17,674	B2 U0 G3	18,354	B2 U0 G3
700mA				
02	2,754	B0 U0 G1	2,860	B0 U0 G1
04	5,507	B1 U0 G1	5,719	B1 U0 G2
06	8,167	B1 U0 G2	8,481	B1 U0 G2

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
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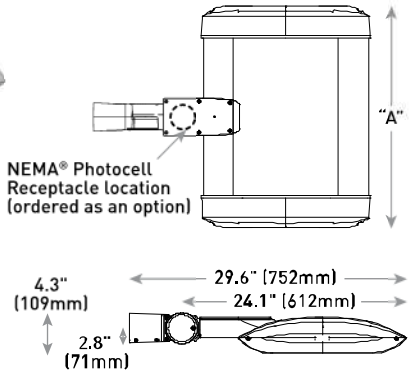
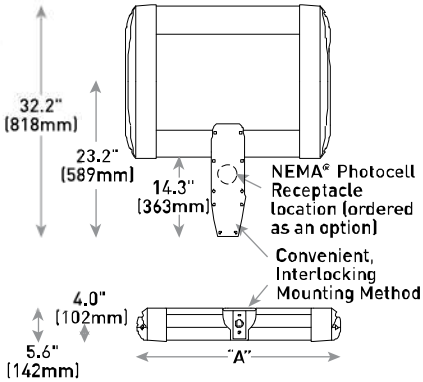
AA Mount



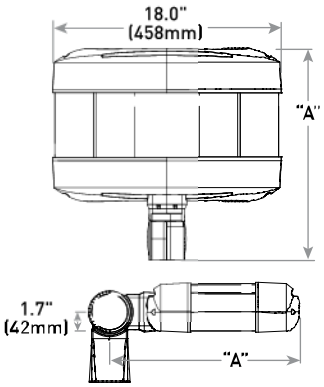
LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	21 lbs. (10kg)
04	12.1" (306mm)	24 lbs. (11kg)
06	14.1" (357mm)	27 lbs. (12kg)
08	16.1" (408mm)	28 lbs. (13kg)
10	18.1" (459mm)	32 lbs. (15kg)
12	20.1" (510mm)	34 lbs. (15kg)
14	22.1" (560mm)	37 lbs. (17kg)
16	24.1" (611mm)	41 lbs. (19kg)

DL Mount



LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	23 lbs. (10kg)
04	12.1" (306mm)	26 lbs. (12kg)
06	14.1" (357mm)	29 lbs. (13kg)
08	16.1" (408mm)	30 lbs. (14kg)
10	18.1" (459mm)	34 lbs. (15kg)
12	20.1" (510mm)	36 lbs. (16kg)
14	22.1" (560mm)	42 lbs. (19kg)
16	24.1" (611mm)	44 lbs. (20kg)

SA Mount



LED Count (x10)	Dim. "A"	Weight
02	16.0" (406mm)	25 lbs. (11kg)
04	18.0" (457mm)	26 lbs. (12kg)
06	20.0" (508mm)	28 lbs. (13kg)

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Canada: www.cree.com/canada T (800) 473-1234 F (800) 890-7507

Cree Edge™ Series

604 S. Point Rd.

LED High Output Area/Flood Luminaire featuring Cree TrueWhite® Technology

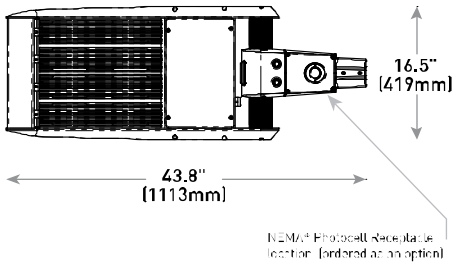
Product Description

The Cree Edge™ High Output Area/Flood luminaire is designed to deliver high lumen packages with precise optical control. The unit features a slim, low profile design that minimizes wind load and a rugged die cast aluminum adjustable arm that mounts to a horizontal or vertical 2" (51mm) IP, 2.375-2.50" (60-64mm) O.D. steel tenon. Tenon length must be a minimum of 3.75" (95mm). The direct mount bracket accessory allows for further mounting flexibility. Available with Cree TrueWhite® Technology, the Cree Edge™ High Output helps to beautifully render true colors and deliver value beyond energy savings.

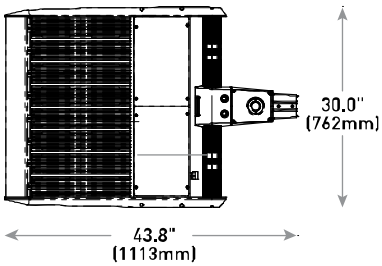
Applications: Auto dealerships, parking lots, campuses, facade lighting, high-mast and general site lighting applications

HV Mount (shown in horizontal position)

120 LED



240 LED



Performance Summary

- Utilizes Cree TrueWhite® Technology on 5000K Luminaires
- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- **CRI:** Minimum 70 CRI (4000K & 5700K); 90 CRI (5000K)
- **CCT:** 4000K (+/- 300K), 5000K (+/- 300K), 5700K (+/- 500K) standard
- **Limited Warranty†:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See http://lighting.cree.com/warranty for warranty terms

LED Count (x10)	Weight
12	45.3 lbs. (20.5kg)
24	80.5 lbs. (36.5kg)

HV Mount (shown in Vertical position)Direct Mount Bracket- see page 13 for weight & dimensions

Accessories

Field-Installed	
Bird Spikes XA-BRDSPKXAK12 - 120 LED XA-BRDSPKXAK24 - 240 LED	**Backlight Control Shields** XA-30BLS-4 - Four-pack for 120 LED - Unpainted stainless steel XA-30BLS-8 - Eight-pack for 240 LED - Unpainted stainless steel

Ordering Information

Example: ARE-EH0-2M-HV-12-E-UL-SV-700

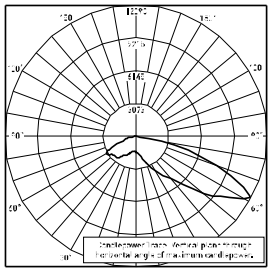
				HV		E					
Product	**Optic**			**Mounting**	**LED Count (x10)**	**Series**	**Voltage**	**Color Options**	**Drive Current**	**Options**	
ARE-EH0	**2M** Type II Medium **2MB** Type II Medium w/BLS **3M** Type III Medium	**3MB** Type III Medium w/BLS **4M** Type IV Medium **4MB** Type IV Medium w/BLS	**5M** Type V Medium **5S** Type V Short **AF** Automotive Frontline-Optic™	**HV** Horizontal/ Vertical Tenon - For EH0-UNV direct mount bracket, refer to Tenons & Brackets on page 12	**12** **24**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**700** 700mA **1000** 1000mA	**DIM 0-10V Dimming** - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified drive current **F Fuse** - When code dictates fusing, use time delay fuse - Refer to ML spec sheet for availability with ML options - Not available with UH voltage **ML Multi-Level** - Refer to ML spec sheet for details - Intended for downlight applications at 0° tilt. - Not available with UH voltage or 240 LEDs with 1000mA drive current	**R NEMA® Photocell Receptacle** - 3-pin receptacle per ANSI C136.10 - Intended for downlight applications with maximum 45° tilt - Consult factory for vertical tenon application - Photocell and shorting cap by others - Refer to ML spec sheet for availability with ML options **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire **50K 5000K Color Temperature** - Minimum 90 CRI - Utilizes Cree TrueWhite® Technology - Color temperature per luminaire
FLD-EH0	**15** 15° Flood **25** 25° Flood	**40** 40° Flood **70** 70° Flood	**SN** Sign **N6** NEMA® 6								

NOTE: Price adders may apply depending on configuration

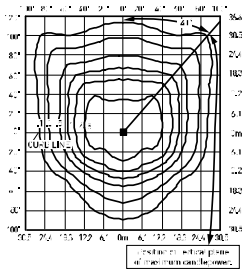
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

4M



ITL Test Report #: 77095
ARE-EHO-4M-**-12--E-UL-700-50K
Initial Delivered Lumens: 19,507

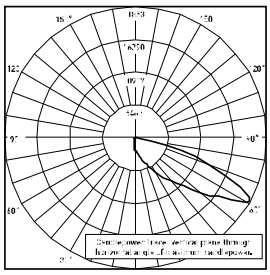


ARE-EHO-4M-**-24--E-UL-1000-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 61,352
Initial FC at grade

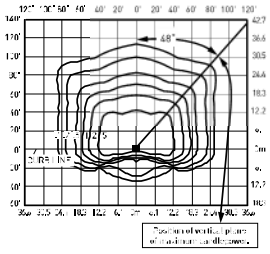
Type IV Medium Distribution						
LED Count (x10)	4000K		5000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
700mA						
12	22,829	B3 U1 G3	18,086	B3 U1 G3	23,707	B3 U1 G3
24	45,687	B5 U1 G4	36,199	B4 U1 G4	47,445	B5 U1 G4
1000mA						
12	30,656	B4 U1 G4	24,289	B3 U1 G3	31,835	B4 U1 G4
24	61,352	B5 U1 G5	48,609	B5 U1 G5	63,711	B5 U1 G5

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Errata/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

4MB



ITL Test Report #: 78734
ARE-EHO-4MB-**-12-E-UL-1000-40K
Initial Delivered Lumens: 25,113



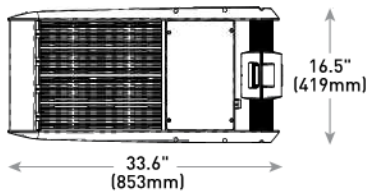
ARE-EHO-4MB-**-24-E-UL-1000-40K
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 46,213
Initial FC at grade

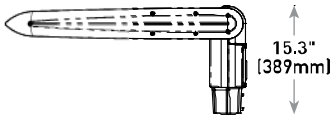
Type IV Medium w/BLS Distribution						
LED Count (x10)	4000K		5000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
700mA						
12	17,196	B2 U1 G3	13,625	B1 U1 G2	17,857	B2 U1 G3
24	34,414	B2 U1 G4	27,266	B2 U1 G4	35,738	B3 U1 G4
1000mA						
12	23,092	B2 U1 G3	18,296	B2 U1 G3	23,980	B2 U1 G4
24	46,213	B3 U1 G5	36,615	B3 U1 G4	47,990	B3 U1 G5

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Errata/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

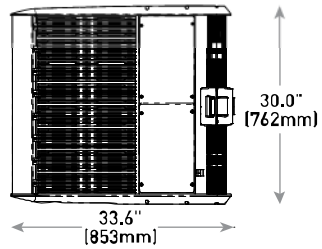
HV Mount (shown in vertical position)

120 LED





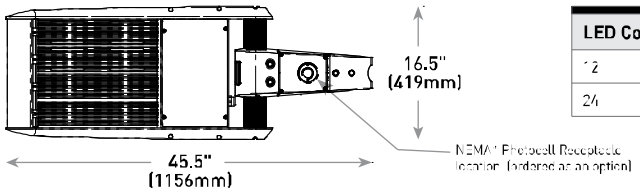
240 LED



LED Count (x10)	Weight
12	45.3 lbs. (20.5kg)
24	80.5 lbs. (36.5kg)

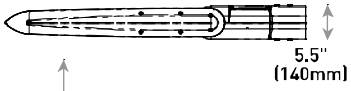
Direct Mount Bracket (accessory sold separately)

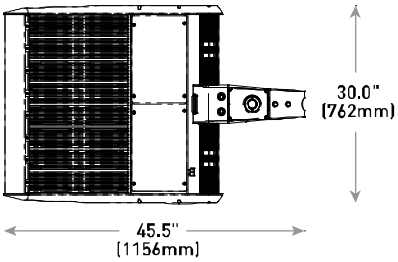
120 LED



LED Count (x10)	Weight
12	45.3 lbs. (20.5kg)
24	80.5 lbs. (36.5kg)

240 LED





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Cree Edge™ Series

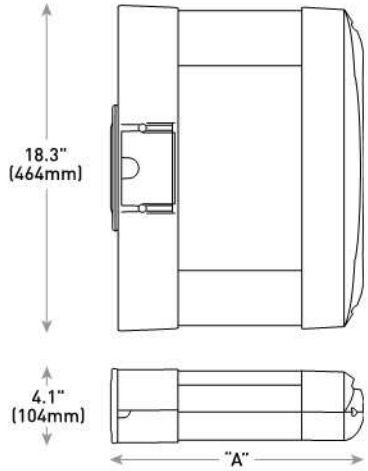
LED Security Wall Pack Luminaire

604 S. Point Rd.

Product Description

The Cree Edge™ wall mount luminaire has a slim, low profile design. The luminaire end caps are made from rugged die cast aluminum with integral, weathertight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged aluminum. Includes a lightweight mounting box for installation over standard and mud ring single gang J-Boxes. Secures to wall with four 3/16" (5mm) screws (by others). Conduit entry from top, bottom, sides and rear. Allows mounting for uplight or downlight. Designed and approved for easy through-wiring. Includes leaf/debris guard.

Applications: General area and security lighting



Performance Summary

Patented NanoOptic® Product Technology

Made in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI

CCT: 4000K (+/- 300K), 5700K (+/- 500K) standard

Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See http://lighting.cree.com/warranty for warranty terms

LED Count (x10)	Dim. "A"	Weight
02	9.9" (251mm)	20 lbs. (9.1kg)
04	11.9" (303mm)	22 lbs. (10.0kg)
06	13.9" (353mm)	25 lbs. (11.3kg)
08	15.9" (404mm)	27 lbs. (12.2kg)
10	17.9" (455mm)	31 lbs. (14.1kg)
12	19.9" (505mm)	32 lbs. (14.5kg)

Accessories

Field-Installed	
Bird Spikes XA-BRDSPK	**Hand-Held Remote** XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Ordering Information

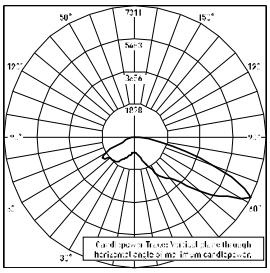
Example: SEC-EDG-2M-WM-06-E-UL-SV-700

SEC-EDG		WM		E				
Product	**Optic**	**Mounting**	**LED Count (x10)**	**Series**	**Voltage**	**Color Options**	**Drive Current**	**Options**
SEC-EDG	**2M** Type II Medium **2MB** Type II Medium w/BLS **2S** Type II Short **2SB** Type II Short w/BLS **3M** Type III Medium **3MB** Type III Medium w/BLS **4M** Type IV Medium **4MB** Type IV Medium w/BLS	**WM** Wall Mount	**02** **04** **06** **08** **10** **12**	**E**	**UL** Universal 120-277V **UH** Universal 347-480V **34** 347V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**350** 350mA **525** 525mA -Available with 20-80 LEDs **700** 700mA -Available with 20-60 LEDs	**DIM 0-10V Dimming** - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified drive current **F Fuse** - Refer to ML spec sheet for availability with ML options - Available with UL voltage only - When code dictates fusing, use time delay fuse **ML Multi-Level** - Refer to ML spec sheet for details - Intended for downlight applications of 0° tilt **P Photocell** - Refer to ML spec sheet for availability with ML options - Must specify UL or 34 voltage **PML Programmable Multi-Level** - Refer to PML spec sheet for details - Intended for downlight applications of 0° tilt **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire

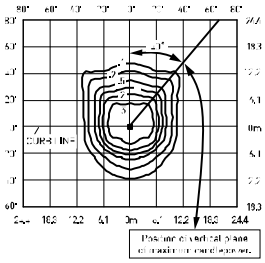
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: http://lighting.cree.com/products/outdoor/wall-mount/cree-edge-series-5

4M



ITL Test Report #: 78793
SEC-EDG-4M-**-06-E-UL-700-40K
Initial Delivered Lumens: 11,617

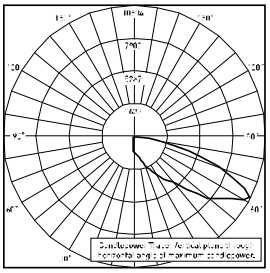


SEC-EDG-4M-**-08-E-UL-525-40K
Mounting Height: 10' (3.0m) A.F.G.
Initial Delivered Lumens: 11,835
Initial FC at grade

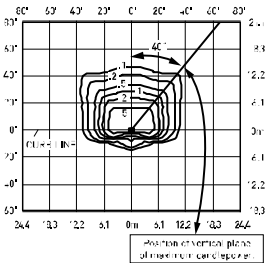
Type IV Medium Distribution				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	2,138	B1 U0 G1	2,220	B1 U0 G1
04	4,276	B1 U0 G1	4,440	B1 U0 G1
06	6,340	B2 U0 G2	6,584	B2 U0 G2
08	8,454	B2 U0 G2	8,779	B2 U0 G2
10	10,542	B2 U0 G2	10,947	B3 U0 G3
12	12,650	B3 U0 G3	13,137	B3 U0 G3
525mA				
02	2,993	B1 U0 G1	3,108	B1 U0 G1
04	5,986	B2 U0 G2	6,216	B2 U0 G2
06	8,876	B2 U0 G2	9,218	B2 U0 G2
08	11,835	B3 U0 G3	12,290	B3 U0 G3
700mA				
02	3,656	B1 U0 G1	3,796	B1 U0 G1
04	7,311	B2 U0 G2	7,593	B2 U0 G2
06	10,842	B3 U0 G3	11,259	B3 U0 G3

* Initial delivered lumens at 25°C (77°F).
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org PDF/Errata/TM-15-11BugRatingsAddendum.pdf

4MB



CSA Test Report #: 6449
ARF-EDG-4MB-**-12-E-UL-525-40K
Initial Delivered Lumens: 12,155



SEC-EDG-4MB-**-08-E-UL-525-40K
Mounting Height: 10' (3.0m) A.F.G.
Initial Delivered Lumens: 8,915
Initial FC at grade

Type IV Medium Distribution w/BLS				
LED Count (x10)	4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
350mA				
02	1,610	B0 U0 G1	1,672	B0 U0 G1
04	3,221	B1 U0 G1	3,345	B1 U0 G1
06	4,776	B1 U0 G1	4,959	B1 U0 G1
08	6,368	B1 U0 G2	6,613	B1 U0 G2
10	7,941	B1 U0 G2	8,246	B1 U0 G2
12	9,529	B1 U0 G2	9,895	B1 U0 G2
525mA				
02	2,254	B0 U0 G1	2,341	B0 U0 G1
04	4,509	B1 U0 G1	4,682	B1 U0 G1
06	6,686	B1 U0 G2	6,943	B1 U0 G2
08	8,915	B1 U0 G2	9,258	B1 U0 G2
700mA				
02	2,754	B0 U0 G1	2,860	B0 U0 G1
04	5,507	B1 U0 G1	5,719	B1 U0 G2
06	8,167	B1 U0 G2	8,481	B1 U0 G2

* Initial delivered lumens at 25°C (77°F).
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org PDF/Errata/TM-15-11BugRatingsAddendum.pdf

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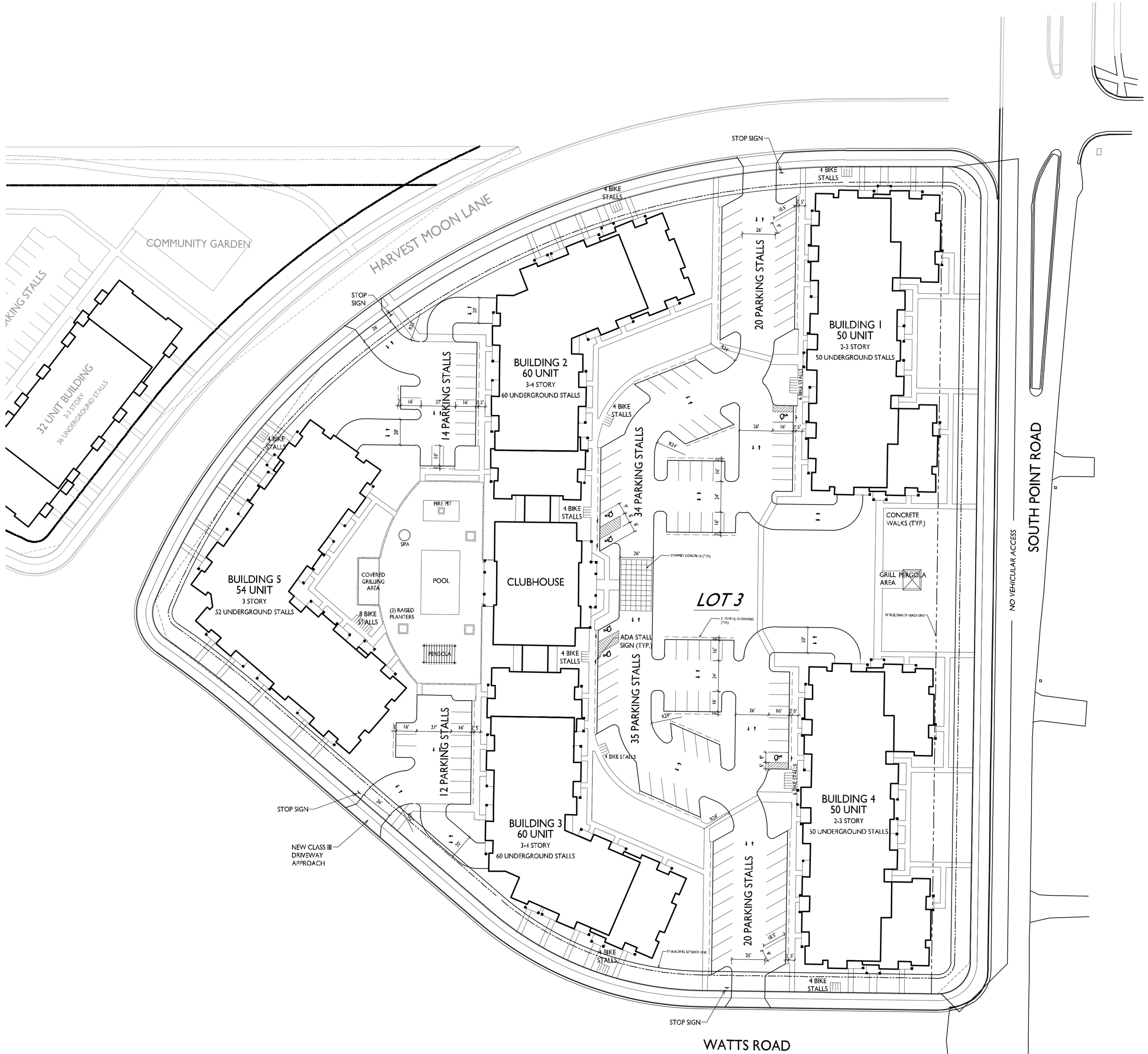

1 C-1.1 SITE PLAN
1" = 40'-0"

GRAPHIC SCALE
0 40 80 120
1 INCH = 40 FT (24X36)

SHEET INDEX

SITE

C-1.1	SITE PLAN
C-1.2	SITE LIGHTING
C-1.3	FIRE DEPARTMENT ACCESS
C-1.4	USABLE OPEN SPACE
C-1.5	LOT COVERAGE
C-2.0	EROSION CONTROL PLAN
C-3.0	GRADING PLAN
C-4.0	UTILITY PLAN
L-1.0	PRELIMINARY TREESCAPE PLAN
L-2.0	PRELIMINARY FOUNDATION PLAN

ARCHITECTURAL

BUILDING #1

A-1.0	BASEMENT PLAN
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND FLOOR PLAN
A-1.3	THIRD FLOOR PLAN
A-2.1	ELEVATIONS

BUILDING #2

A-1.0	BASEMENT PLAN
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND & THIRD FLOOR PLAN
A-1.3	FOURTH FLOOR PLAN
A-2.1	ELEVATIONS

BUILDING #3

A-1.0	BASEMENT PLAN
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND & THIRD FLOOR PLAN
A-1.3	FOURTH FLOOR PLAN
A-2.1	ELEVATIONS

BUILDING #4

A-1.0	BASEMENT PLAN
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND FLOOR PLAN
A-1.3	THIRD FLOOR PLAN
A-2.1	ELEVATIONS

BUILDING #5

A-1.0	BASEMENT PLAN
A-1.1	FIRST - THIRD FLOOR PLAN
A-2.1	ELEVATIONS
A-2.2	ELEVATIONS
A-5.1	TYPICAL UNIT PLANS

GENERAL NOTES:

1. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY ACITY-LICENSED CONTRACTOR.
2. ALL DAMAGE TO THE PAVEMENT ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.
3. THE CONTRACTOR SHALL REPLACE ALL CURB AND GUTTER ADJACENT TO THIS DEVELOPMENT AS DEEMED NECESSARY BY THE CITY ENGINEER.
4. THE MAXIMUM RUNNING SLOPE OF ALL WALKS SHALL BE 1:20. THE MAXIMUM SLOPE OF RAMPS SHALL BE 1:12. THE MAXIMUM CROSS SLOPE AT ALL WALKS & RAMPS SHALL BE 1:50.
5. RAMPS WITH A RISE OVER 6 INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.
6. ALL STAIRWAYS WITH MORE THAN ONE RISER SHALL HAVE HANDRAILS ON BOTH SIDES.

Site Development Data:

Densities:

Lot Area	312,938 S.F./ 7.18 acres
Dwelling Units	274 units
Lot Area / D.U.	1,142 S.F./unit
Density	38.1 units/Acre
Usable Open Space	92,134 S.F. (336 S.F./unit)
Lot Coverage	191,483 S.F. (61%)
Building Height	2-4 stories

Dwelling Unit Mix:	Bldg #1	#2	#3	#4	#5	Total
Efficiency	6	8	8	6	6	34
One Bedroom	28	32	32	28	30	150
One Bedroom + Den	4	0	0	4	0	8
Two bedroom	12	15	15	12	12	66
Two Bedroom + Den	0	5	5	0	6	16
Total Dwelling Units	50	60	60	50	54	274
Vehicle Parking Stalls:						
Underground	50	60	60	50	52	272
Surface	20	34	35	20	26	135
Total	79	94	95	70	78	407

Parking Ratio 1.5 stalls/unit

Bicycle Parking:						
Garage - wall mount	0	0	0	0	13	13
Garage - floor mount	46	54	54	46	36	236
Surface	5	6	6	5	6	28
Surface-Guest	5	6	6	5	6	28
Total	56	66	66	56	48	305

knothe • bruce ARCHITECTS
Phone: 608.836.3690
7601 University Ave, Ste 201
Middleton, WI 53562

ISSUED
Issued for Land Use: September 07, 2016
Issued for Land Use Supplement: Sept 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Site Plan

SHEET NUMBER
C-1.1

PROJECT NO. 1621

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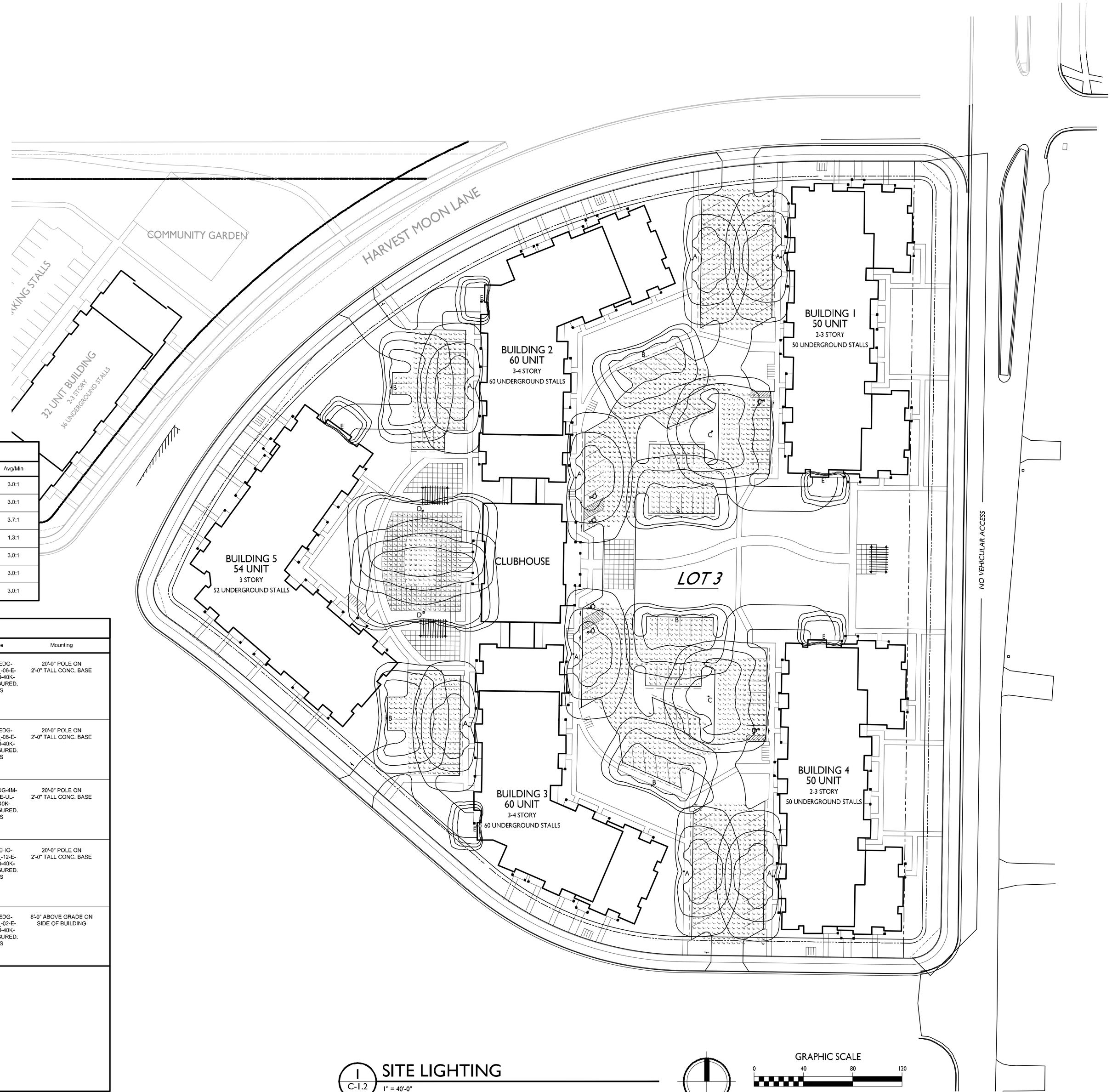


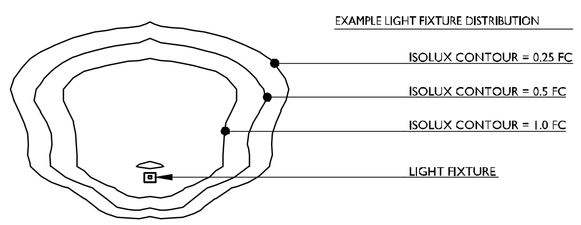
STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
North Central	+	0.9 fc	2.1 fc	0.3 fc	7.0:1	3.0:1
North East	+	0.9 fc	1.5 fc	0.3 fc	5.0:1	3.0:1
North West	+	1.1 fc	1.9 fc	0.3 fc	6.3:1	3.7:1
Pool Deck	+	4.2 fc	6.0 fc	3.2 fc	1.9:1	1.3:1
South Central	+	0.9 fc	2.1 fc	0.3 fc	7.0:1	3.0:1
South West	+	0.9 fc	1.5 fc	0.3 fc	5.0:1	3.0:1
South West	+	1.2 fc	1.9 fc	0.4 fc	4.8:1	3.0:1

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Mounting
	A	8	ARE-EDG-3MB-**-06-E-UL-350-40K (350mA)	LED Type III Medium Optic w/ Full Backlight 700mA 4000K LEDway Streetlight	CONFIGURED FROM SIXTY WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL BASE--UP	ARE-EDG-3MB-__-06-E-UL-350-40K-CONFIGURED.IES	20'-0" POLE ON 2'-0" TALL CONC. BASE
	B	6	ARE-EDG-4MB-**-06-E-UL-350-40K (350mA)	Cree Edge Area, Type IV Medium w- Full BLS, 120 LEDs, 525mA, 4000K	CONFIGURED FROM One Hundred Twenty White LEDs, Vertical Base-Up Position	ARE-EDG-4MB-__-06-E-UL-350-40K-CONFIGURED.IES	20'-0" POLE ON 2'-0" TALL CONC. BASE
	C	2	ARE-EDG-4M-**-06--E-UL-350-40K (350mA)	Cree Edge Area, Type IV Medium, 60 LEDs, 700mA, 4000K	CONFIGURED FROM Sixty White LEDs, Vertical Base-Up Position	ARE-EDG-4M-__-06-E-UL-350-40K-CONFIGURED.IES	20'-0" POLE ON 2'-0" TALL CONC. BASE
	D	2	ARE-EHO-4MB-**-12-E-UL-700-40K (700mA)	CREE EDGE HIGH OUTPUT. TYPE IV MEDIUM W- FULL BLS, 120 LEDS, 1000MA, 4000K	CONFIGURED FROM ONE HUNDRED TWENTY WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL	ARE-EHO-4MB-__-12-E-UL-700-40K-CONFIGURED.IES	20'-0" POLE ON 2'-0" TALL CONC. BASE
	E	5	SEC-EDG-4MB-**-02-E-UL-350-40K (350mA)	Cree Edge Area, Type IV Medium w- Full BLS, 120 LEDs, 525mA, 4000K	CONFIGURED FROM One Hundred Twenty White LEDs, Vertical Base-Up Position	SEC-EDG-4MB-__-02-E-UL-350-40K-CONFIGURED.IES	8'-0" ABOVE GRADE ON SIDE OF BUILDING

EXAMPLE LIGHT FIXTURE DISTRIBUTION



1 / C-1.2 SITE LIGHTING

1" = 40'-0"

GRAPHIC SCALE

0 40 80 120

1 INCH = 40 FT (24X36)

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ISSUED
Issued for Land Use: September 07, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Site Lighting

SHEET NUMBER
C-1.2

PROJECT NO. 1621

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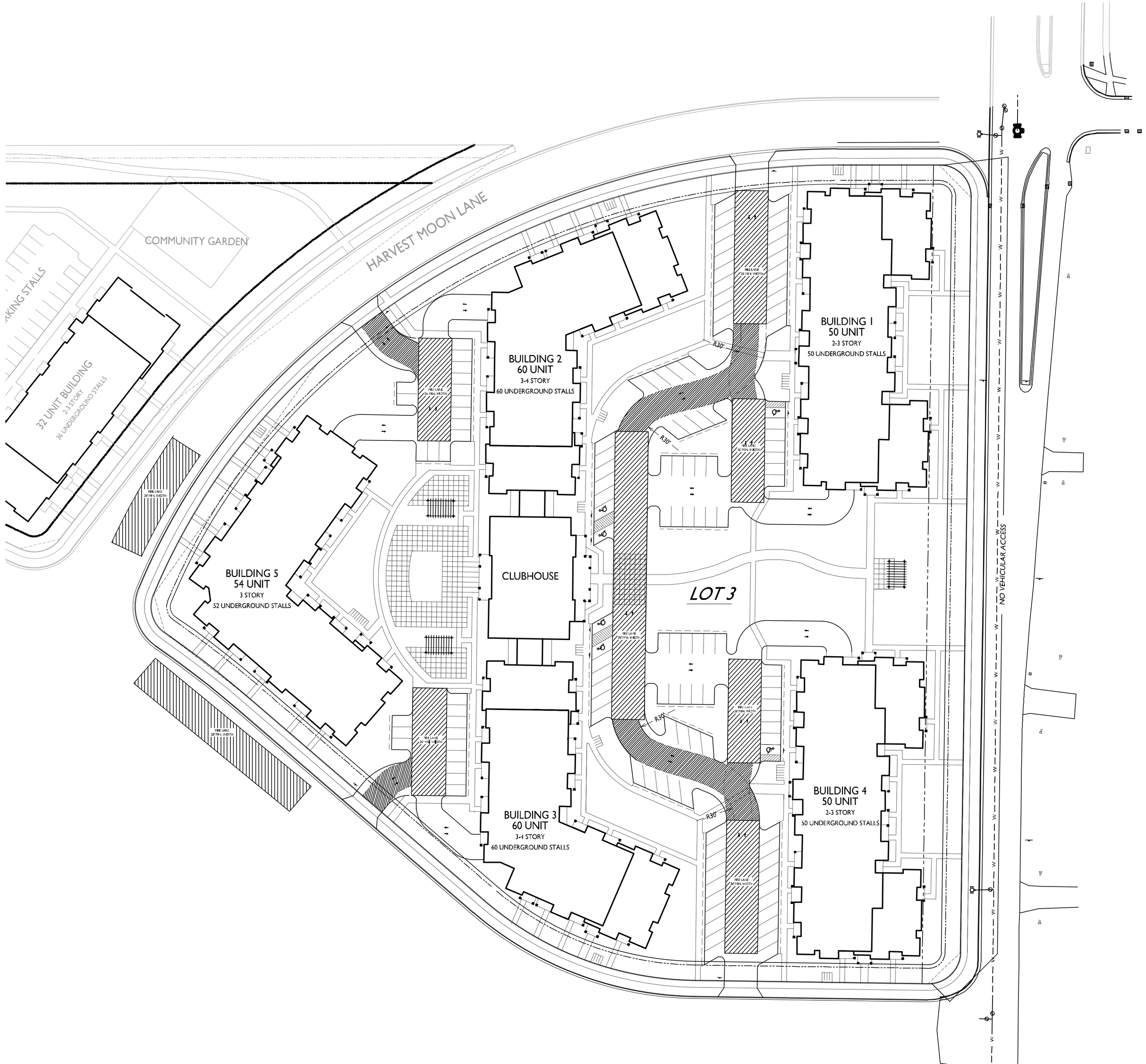

1. 26' WIDE AERIAL APPARATUS FIRE LANE WITHIN 30' OF BUILDING AND PARALLEL TO ONE ENTIRE SIDE.

2. LENGTH OF AERIAL FIRE APPARATUS ACCESS ROAD SHALL BE 25% OF THE BUILDING PERIMETER.

1 / C-1.3 FIRE DEPARTMENT ACCESS PLAN

1" = 40'-0"

GRAPHIC SCALE

0 40 80 120

1 INCH = 40 FT (24X36)

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Middleton, WI 53562

ISSUED

Issued for Land Use: September 07, 2016

PROJECT TITLE

Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE

Fire Department Access Plan

SHEET NUMBER

C-1.3

PROJECT NO. 1621

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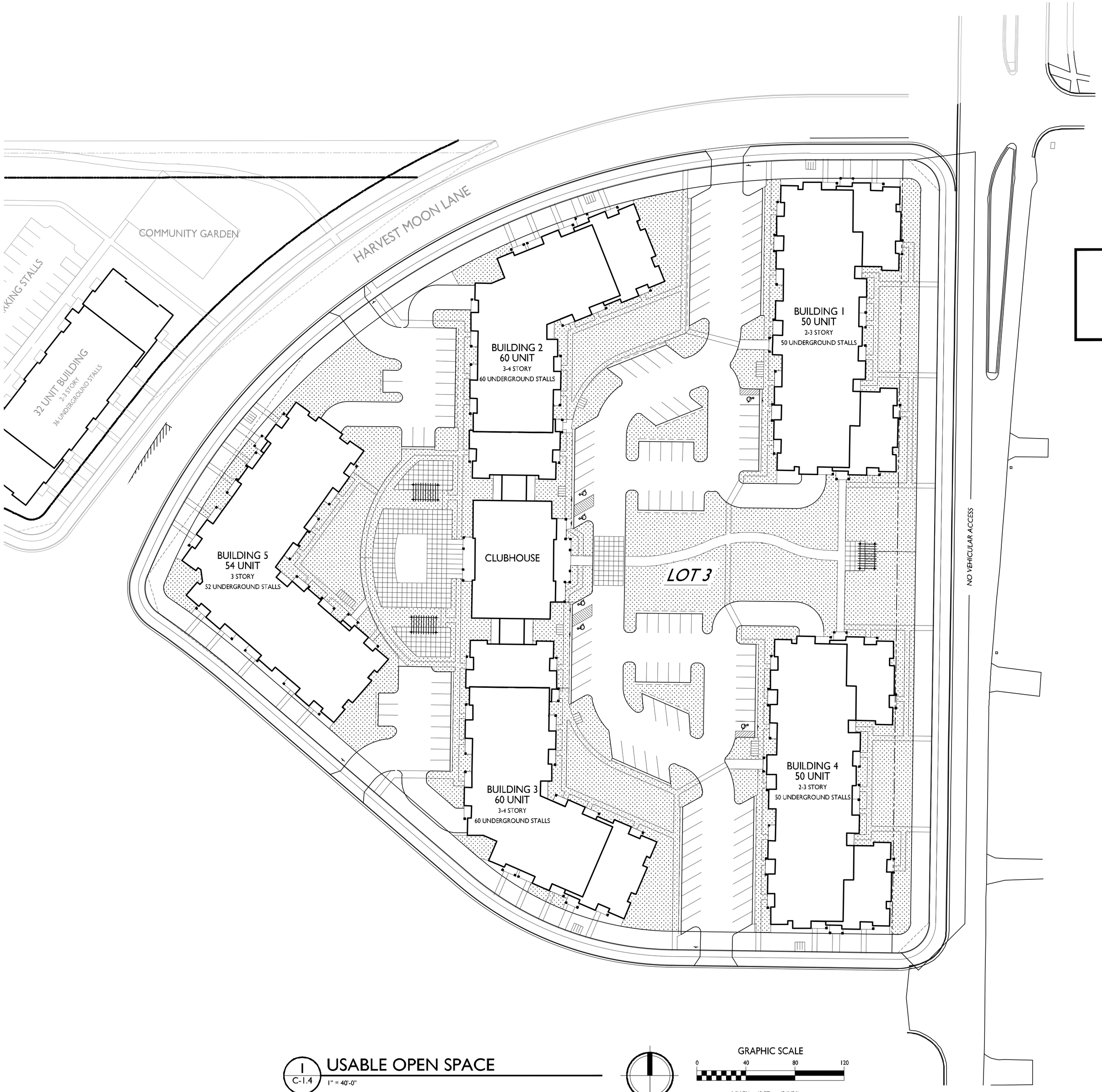

USABLE OPEN SPACE

GROUND SPACE = 92,134 SF (336 S.F./Unit)

1 C-1.4 USABLE OPEN SPACE

1" = 40'-0"

GRAPHIC SCALE

0 40 80 120

1 INCH = 40 FT (24X36)

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Middleton, WI 53562

ISSUED
Issued for Land Use: September 07, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Usable Open Space

SHEET NUMBER
C-1.4

PROJECT NO. 1621

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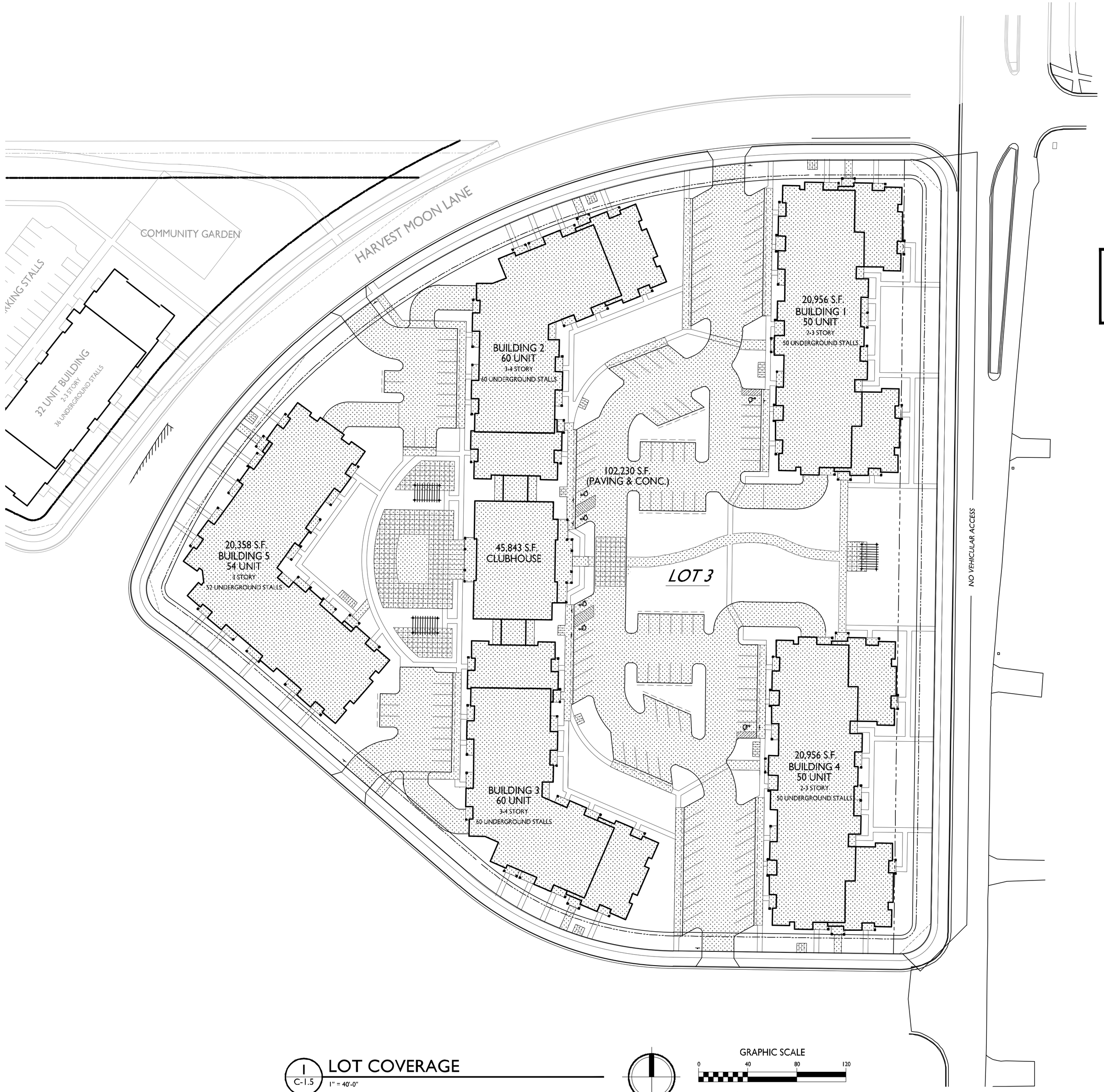

LOT COVERAGE

TOTAL LOT AREA	= 312,938 SF
LOT COVERAGE	= 191,483 SF
	= 61 %
ALLOWED	75 %

1 / C-1.5 LOT COVERAGE
1" = 40'-0"

GRAPHIC SCALE
0 40 80 120
1 INCH = 40 FT (24X36)

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ARCHITECTS
Phone: 608.836.3690
7601 University Ave, Ste 201
Middleton, WI 53562

ISSUED
Issued for Land Use: September 07, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Lot Coverage

SHEET NUMBER
C-1.5

PROJECT NO. 1621

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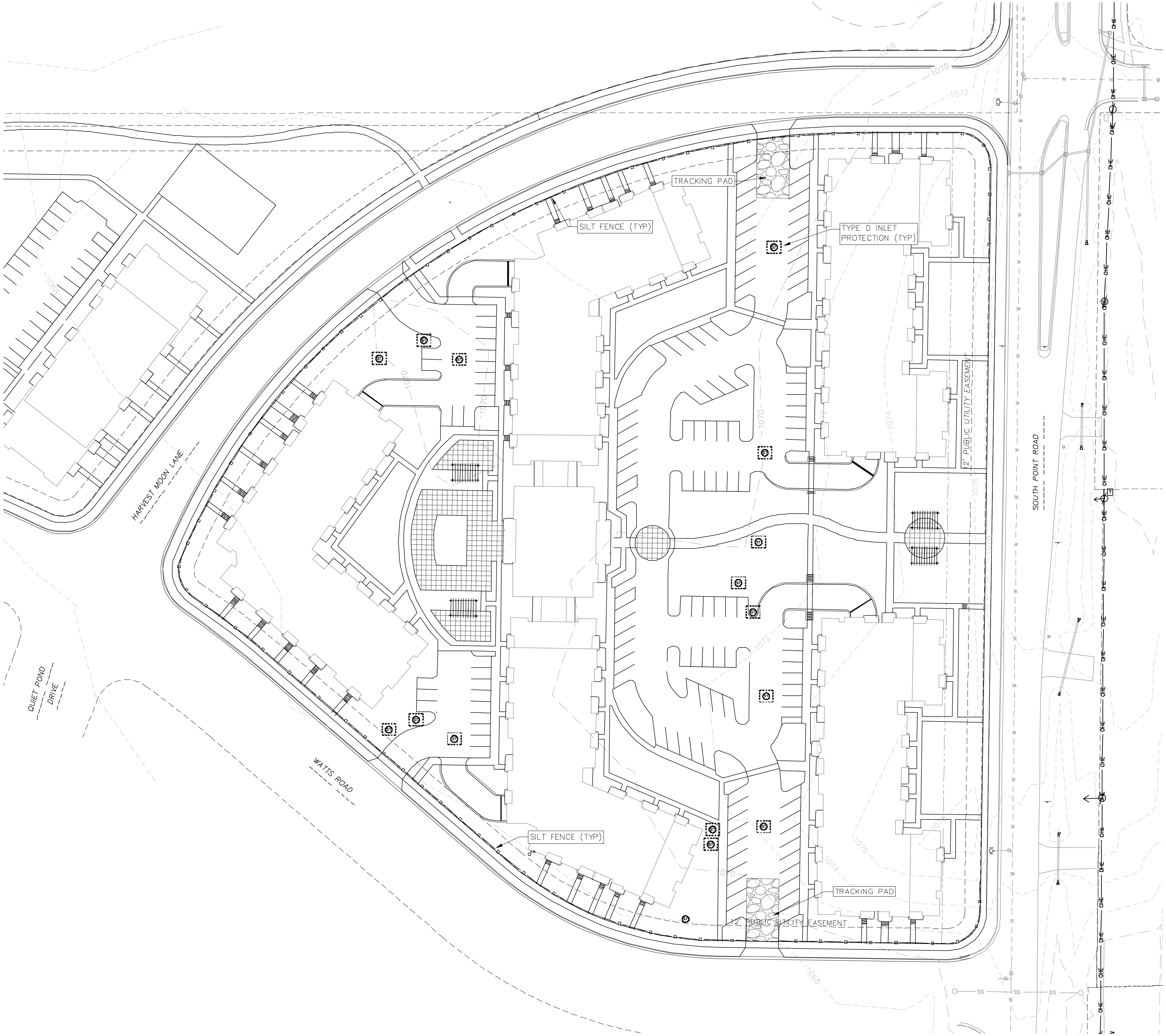

GRAPHIC SCALE FEET
0 20 40 80

EROSION CONTROL LEGEND

- 820 EXISTING MAJOR CONTOURS
- 818 EXISTING MINOR CONTOURS
- SILT FENCE
- INLET PROTECTION
- TRACKING PAD

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
2. INSTALL A 50'L X 20'W X 1.5'D TRACKING PAD AT THE SITE ENTRANCE. THE TRACKING PAD SHALL BE MAINTAINED/REPAIRED AS NECESSARY TO ACCOMMODATE CONSTRUCTION.
3. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR. ALL MAINTENANCE/REPAIR WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
4. INSTALL WI DOT TYPE D INLET PROTECTION IN EXISTING CURB INLETS AND WI DOT TYPE A IN FIELD INLETS.
5. ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING.
6. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.

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400 Viking Drive Reedsburg, Wisconsin 53959
Phone: (608) 524-6468 Fax: (608) 524-8218

EROSION CONTROL PLAN

1000 OAKS DEVELOPMENT - LOT 3
McKENZIE APARTMENT COMPANY
CITY OF MADISON, WISCONSIN

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

SCALE	AS SHOWN
DATE	09/06/2016
DRAFTER	KJEN
CHECKED	JDOY
PROJECT NO.	160179
SHEET	1 OF 3
DWG. NO.	C-2.0

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06 Sep 2016 - 11:36p M:\McKenzie Apt Co\160179_1000 Oaks Lots 2 & 3, Madison\CADD\160179_base.dwg bv: kjen

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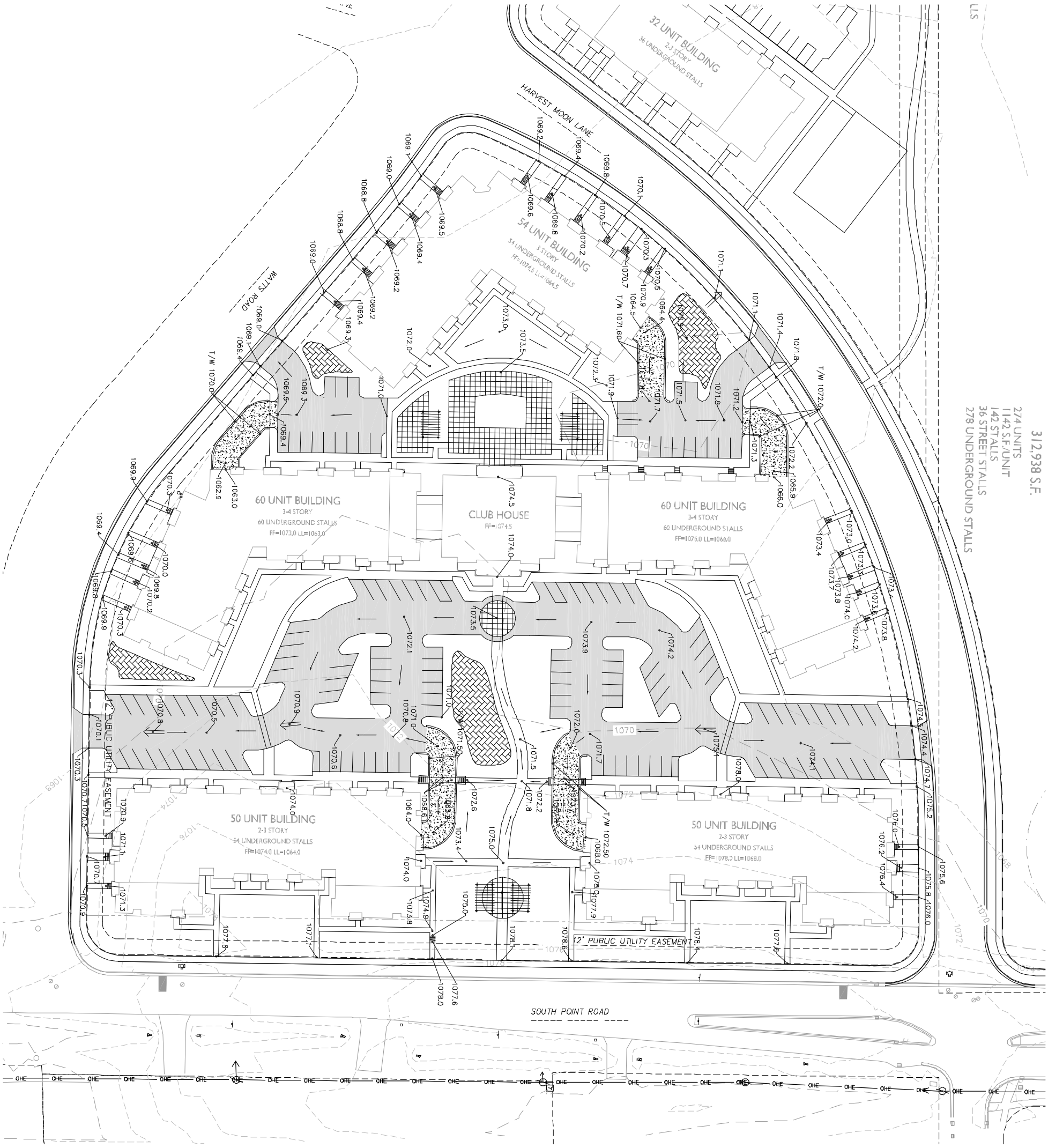

GRADING PLAN/SITE CONSTRUCTION NOTES:

1. CONCRETE SIDEWALK TO BE 5" THICK, CONSTRUCTED ON A BASE OF 4" COMPACTED SAND OR CRUSHED STONE.
2. CONCRETE FOR DRIVEWAYS AND SIDEWALK AT DRIVEWAY ENTRANCES SHALL BE 7" THICK, CONSTRUCTED ON A BASE OF 5" COMPACTED SAND OR CRUSHED STONE.
3. ASPHALT PAVEMENT FOR DRIVEWAYS AND PARKING LOTS SHALL BE 4" OF ASPHALT (1.5" SURFACE, 2.5" BINDER) ON A BASE OF 10" COMPACTED CRUSHED STONE.
4. CURB FACE HEIGHT IN DRIVEWAYS SHALL BE 6 INCHES. CURB FACE IN PARKING LOTS SHALL BE 4 INCHES.
5. CONTRACTOR SHALL DEEP TILL ANY DISTURBED AREAS AFTER CONSTRUCTION IS COMPLETE AND BEFORE RESTORING.
6. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
7. ANY SIDEWALK AND CURB & GUTTER ABUTTING THE PROPERTY SHALL BE REPLACED IF IT IS DAMAGED DURING CONSTRUCTION OR IF THE CITY ENGINEERING DEPARTMENT DETERMINES THAT IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.

REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS

SCALE: AS SHOWN
DATE: 09/06/2016
DRAFTER: KJEN
CHECKED: JDDY
PROJECT NO.: 160179
SHEET: 2 OF 3
DWG. NO.: C-3.0

GRADING PLAN

1000 OAKS DEVELOPMENT - LOT 3
McKENZIE APARTMENT COMPANY
CITY OF MADISON, WISCONSIN

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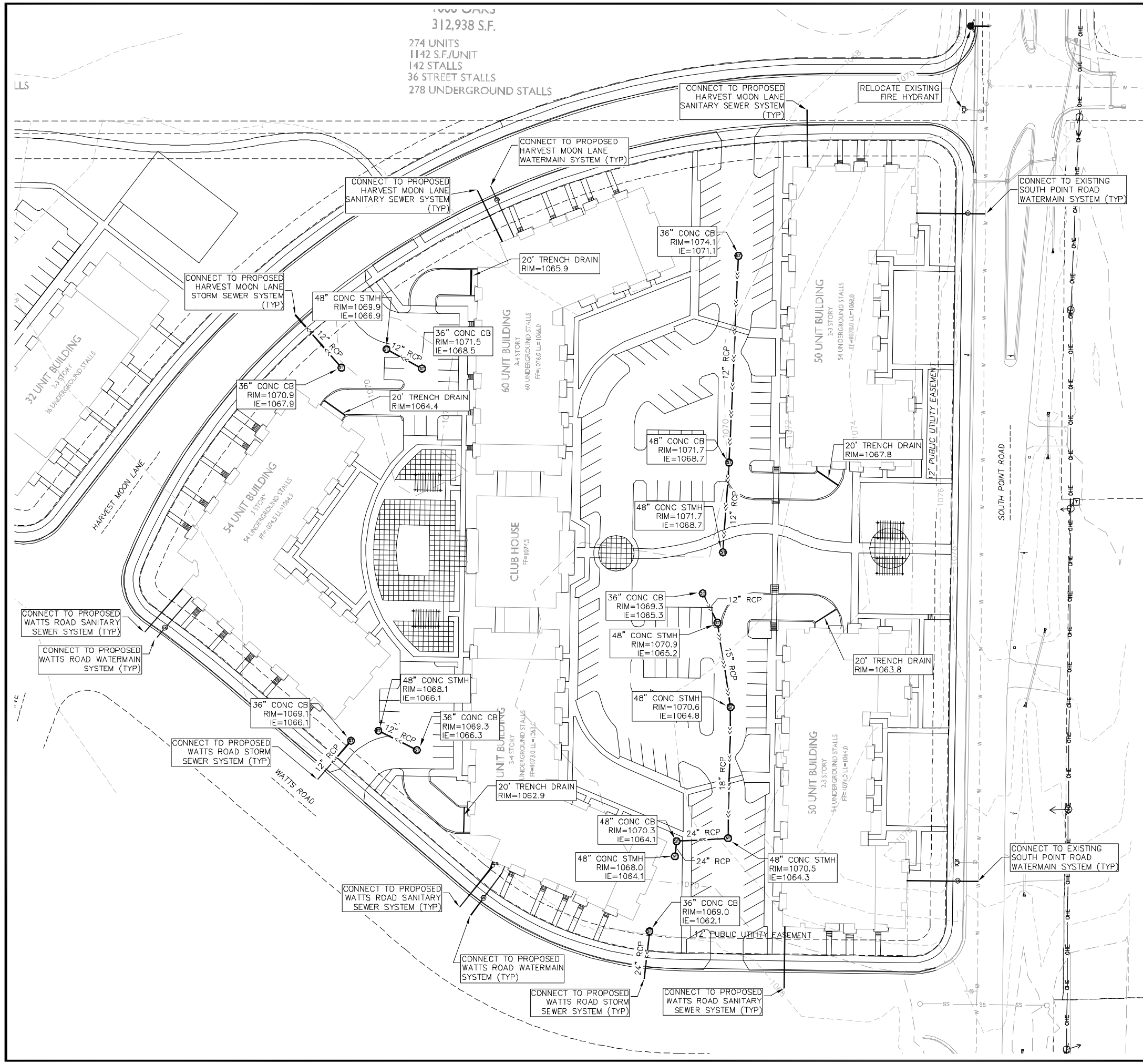

PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER CLEANOUT
- WATER SERVICE LATERAL PIPE
- FIRE HYDRANT
- CURB STOP

N
W E
S

GRAPHIC SCALE FEET
0 20 40 80

ABBREVIATIONS

STMH – STORM MANHOLE
FI – FIELD INLET
CI – CURB INLET
CB – CATCH BASIN
EW – ENDWALL
SMH – SANITARY MANHOLE

UTILITY NOTES:

1. STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
2. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
4. UTILITY STRUCTURE RIM AND TOP OF CURB ELEVATIONS ON PLANS ARE APPROXIMATE. UTILITY STRUCTURES SHALL BE SET TO FINAL ELEVATIONS AFTER THE CURB & GUTTER AND BASE COURSE HAVE BEEN INSTALLED.
5. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIGGERS HOTLINE AND LOCATING ALL EXISTING UTILITIES AND ENSURE PROPER CLEARANCE OF NEW UTILITIES.
6. CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
7. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
8. IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
9. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
10. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
11. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
12. PRIVATE WATER HYDRANTS SHALL BE YELLOW IN COLOR.
13. PRIVATE SANITARY LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 – SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
14. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
15. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b.).
16. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
17. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
18. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
19. PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
21. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
22. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
23. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
24. ALL SEWER AND LATERAL CONNECTIONS WITHIN THE HARVEST MOON LANE AND WATTS ROAD RIGHT-OF-WAY ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED ONCE THE ROADWAY UTILITIES ARE DESIGNED BY THE CITY OF MADISON.
25. SANITARY AND WATER LATERAL LOCATIONS SHALL BE VERIFIED BY THE ARCHITECT FOR CONNECTION LOCATIONS TO THE BUILDINGS.

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UTILITY PLAN
1000 OAKS DEVELOPMENT - LOT 3
McKENZIE APARTMENT COMPANY
CITY OF MADISON, WISCONSIN

REVISIONS		
NO.	DATE	REMARKS

REVISIONS		
NO.	DATE	REMARKS

SCALE: AS SHOWN
DATE: 09/06/2016
DRAFTER: KJEN
CHECKED: JDOY
PROJECT NO.: 160179
SHEET: 3 OF 3
DWG. NO.: C-4.0

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06 Sep 2016 - 11:38a N:\Wisconsin Apr Co\160179_ 000 Oaks Lot 2 & 3, Madison\CADD\160179_ucsp.dwg By: kjen

CITY OF MADISON LANDSCAPING REQUIREMENTS

Total Developed Square Footage	205,905
Recuired Landscape Units (Total / 300 sq ft)	686
Recuired Landscape Points (Units x 5 points)	3432

LANDSCAPE POINTS CALCULATION

PLANT TYPE (MINIMUM SIZE)	POINTS VALUE	CREDITS FOR EXISTING LANDSCAPING QUANTITY	CREDITS FOR EXISTING LANDSCAPING POINTS	PROPOSED LANDSCAPING QUANTITY	PROPOSED LANDSCAPING POINTS
Overstory deciduous tree (2.5" caliper)	35		0	80	2800
Ornamental Tree (1.5" caliper)	15		0	39	585
Evergreen Tree (3 feet tall)	15		0	11	165
Shrub, deciduous (18" or 3 gal. container)	2		0		0
Shrub, evergreen (18" or 3 gallon container)	3		0		0
Ornamental Grasses 18" or 3 gallon contairer)	2		0		0
Ornamental / decorativefencing or wall (per 10 ln. ft.)	4		0		0
		SUBTOTAL	0	SUBTOTAL	3550
				TOTAL OF PROVIDED POINTS	3550

PLANTING SCHEDULE

Symbol	Scientific Name	Common Name	Size	Quantity	Root
OVERSTORY DECIDUOUS TREES					
AF	*Acer x freemanii* ' Jeffersred'	Autumn Blaze Maple	2.5"	14	B&B
BN	*Betula nigra*	River Birch	2.5"	6	B&B
CO	*Celtis occidentalis*	Common Hackberry	2.5"	8	B&B
GB	*Ginkgo biloba* 'Autumn Gold'	Autumn Gold Ginkgo	2.5"	7	B&B
GD	*Gymnocladus dioicus*	Kentucky Coffeetree	2.5"	6	B&B
GT	*Gleditsia triacanthos* var. *inermis* 'Skyline'	Skyline Honeylocust	2.5"	8	B&B
QB	*Quercus bicolor*	Swamp White Oak	2.5"	6	B&B
QM	*Quercus muehlenbergii*	Chinquapin Oak	2.5"	10	B&B
TA	*Tilia americana* 'Redmond'	Greenspire Littleleaf Linden	2.5"	7	B&B
UH	*Ulmus* 'Homestead'	New Horizon Elm	2.5"	8	B&B
ORNAMENTAL TREES					
CC	*Crataegus crus-galli* var. *inermis* 'Cruzam'	Crusader Thornless Cockspur Hawthorn	2"	13	B&B
PC	*Pyrus calleryana* 'Chanticleer'	Chanticleer Callery Pear	1.75"	16	B&B
SR	*Syringa reticulata*	Japanese Tree Lilac	2"	10	
EVERGREEN TREES					
PG	*Picea glauca* var. *densata*	Black Hills Spruce	6'	11	B&B

GENERAL NOTES:

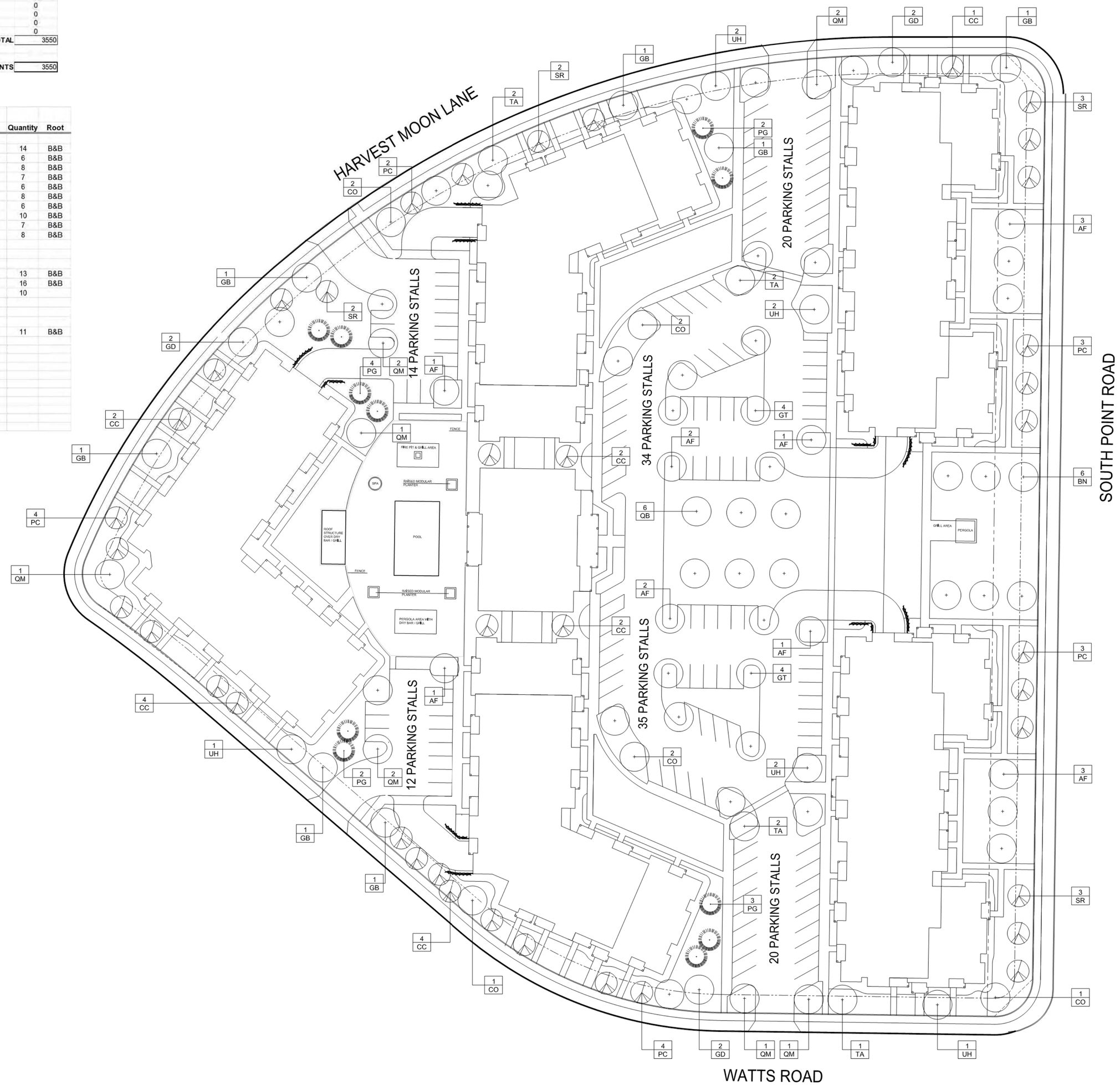
- BARK MULCH TO BE BROWN DYED, RECYCLED HARDWOOD, WITH PRE-EMERGENT HERBICIDE.
- WASHED STONE TO BE 1.5" CAPITOL WASHED WITH WEED BARRIER FABRIC.
- BED EDGING TO BE DIMEX EDGEPRO BLACK LANDSCAPE EDGING

STREET TREE NOTES:

- EXISTING TERRACE TREES TO REMAIN.

BIKE PARKING AND AMENITIES NOTES:

- SEE SITE PLAN FOR DETAILED LAYOUT



SCALE: 1"=40'-0"

OLSON TOON LANDSCAPING INC
3570 Pioneer Road
Verona, WI 53593
PH: (608) 827-9401
FAX: (608) 827-9402
WEB: www.olsontoon.com

1000 OAKS

South Point Road
Madison, Wisconsin

Date: 9/7/16
Scale: 1" = 40'-0"
Designer: mm
Job # 6566

Seal:

To protect against legal liability, the plans presented herein are "schematic," and should not be outsourced as "biddable" or "construction documents" unless approved by the Landscape Designer. This is not an original document unless stamped in red, as ORIGINAL.

Revisions:

L-1.0

PRELIMINARY TREESCAPE PLAN

Reference Name:
McKenzie Apartments - 1000 Oaks

P:\AUTOCAD PLANS\MCKENZIE APARTMENTS\1000 OAKS\1000 OAKS LANDSCAPE PLAN.DWG Created: 9/6/2016, Saved: 9/6/2016, Printed: 9/7/2016

TALL DECIDUOUS SHRUBS				
Cornus stolonifera 'Bailey'	Bailey Red Twigged Dogwood	36"	Cont.	
Euonymus alatus 'Compactus'	Compact Burningbush	36"	Cont.	
Viburnum lantana 'Mohican'	Mohican Viburnum	36"	Cont.	
Syringa meyeri 'Palibin'	Palibin Lilac	36"	Cont.	

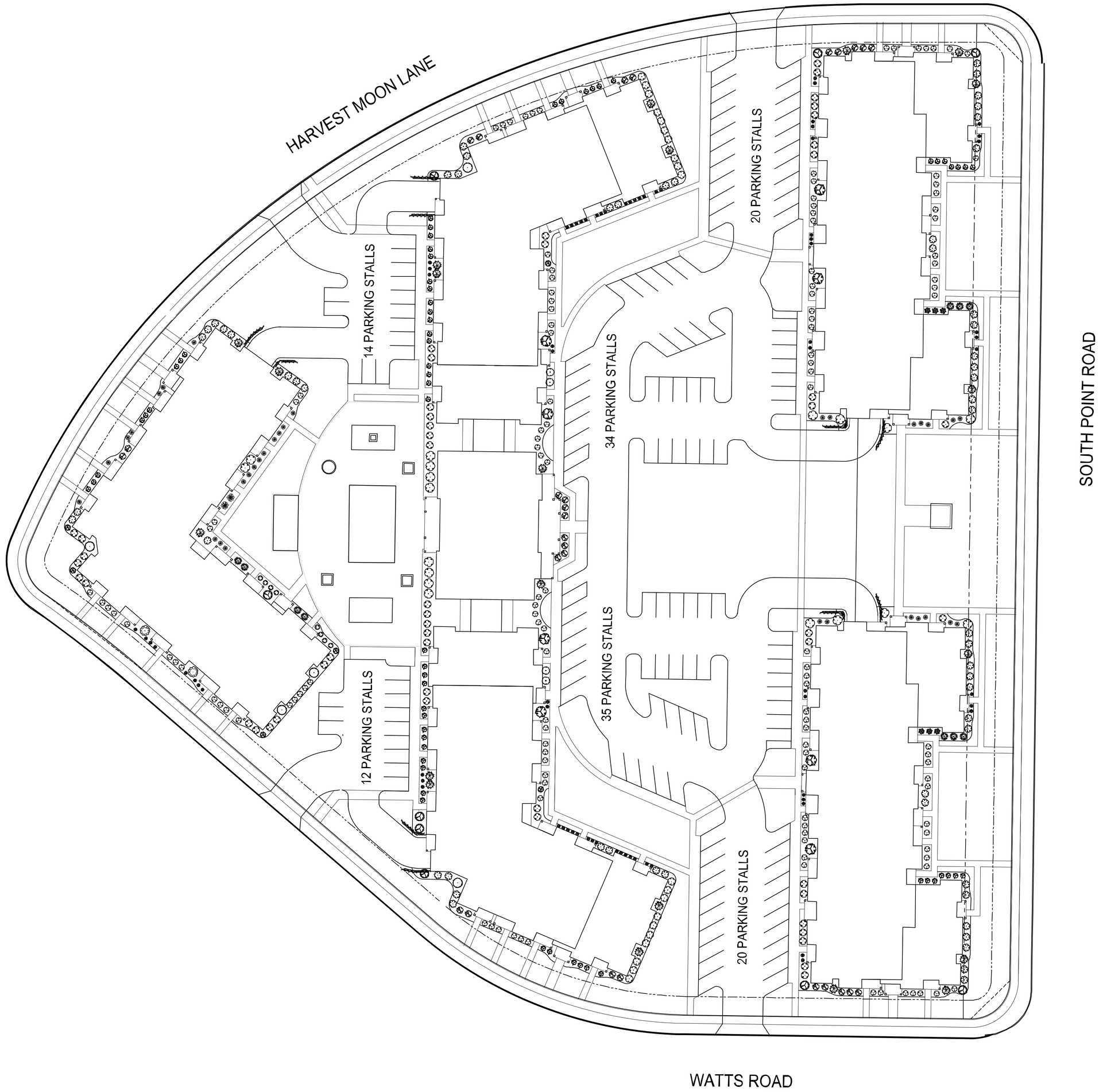
MEDIUM DECIDUOUS SHRUBS				
Cornus sericea 'Allemen's Compact'	Allemans Compact Dogwood	24"	Cont.	
Hydrangea macrophylla 'All Summer Beauty'	All Summer Beauty Hydrangea	24"	Cont.	
Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	24"	Cont.	
Aronia melanocarpa variety elata	Glossy Black Chokeberry	24"	Cont.	
Rosa 'Radrazz'	Knock Out Rose	24"	Cont.	
Itea virginica 'Henry's Garnet'	Virginia Sweetspire	24"	Cont.	
Weigela florida 'Alexandra'	Wine and Roses Weigela	24"	Cont.	

LOW DECIDUOUS SHRUBS				
Forsythia viridissima 'Bronxensis'	Bronxensis Dwarf Forsythia	18"	Cont.	
Weigela florida 'Minuet'	Minuet Weigela	18"	Cont.	
Spirea japonica 'Neon Flash'	Neon Flash Spirea	18"	Cont.	
Spirea japonica 'Shirobana'	Shirobana Spirea	18"	Cont.	

MEDIUM EVERGREEN SHRUBS				
Taxus x media 'Tauntonii'	Taunton Yew	24"	Cont.	

LOW EVERGREEN SHRUBS				
Juniperus horizontalis 'Prince of Wales'	Creeping Juniper	12"	Cont.	
Juniperus sabina 'Mini Arcadia'	Mini Arcadia Juniper	12"	Cont.	

PERENNIALS AND ORNAMENTAL GRASSES				
Sedum 'Autumn Joy'	Autumn Joy Sedum	#1	Cont.	
Astilbe x arendsii 'Fanal'	Fanal Astilbe	#1	Cont.	
Gaillardia x grandiflora 'Goblin'	Goblin Blanketflower	#1	Cont.	
Pennisetum alopecuroides 'Hamelin'	Hamelin Dwarf Fountain Grass	#1	Cont.	
Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Reed Grass	#1	Cont.	
Hosta 'Krossa Regal'	Krossa Regal Hosta	#1	Cont.	
Achillea 'Paprika'	Paprika Yarrow	#1	Cont.	
Hemerocallis 'Pardon Me'	Pardon Me Daylily	#1	Cont.	
Geranium 'Rozanne'	Rozanne Geranium	#1	Cont.	
Coreopsis verticillata 'Zagreb'	Zagreb Coreopsis	#1	Cont.	



SCALE: 1"=40'-0"

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1000 OAKS

South Point Road
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Date: 9/7/16
Scale: 1" = 40'-0"
Designer: mm
Job # 6566

Seal:

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Revisions:

L-2.0

PRELIMINARY
FOUNDATION PLAN

Reference Name:
McKenzie Apartments - 1000 Oaks

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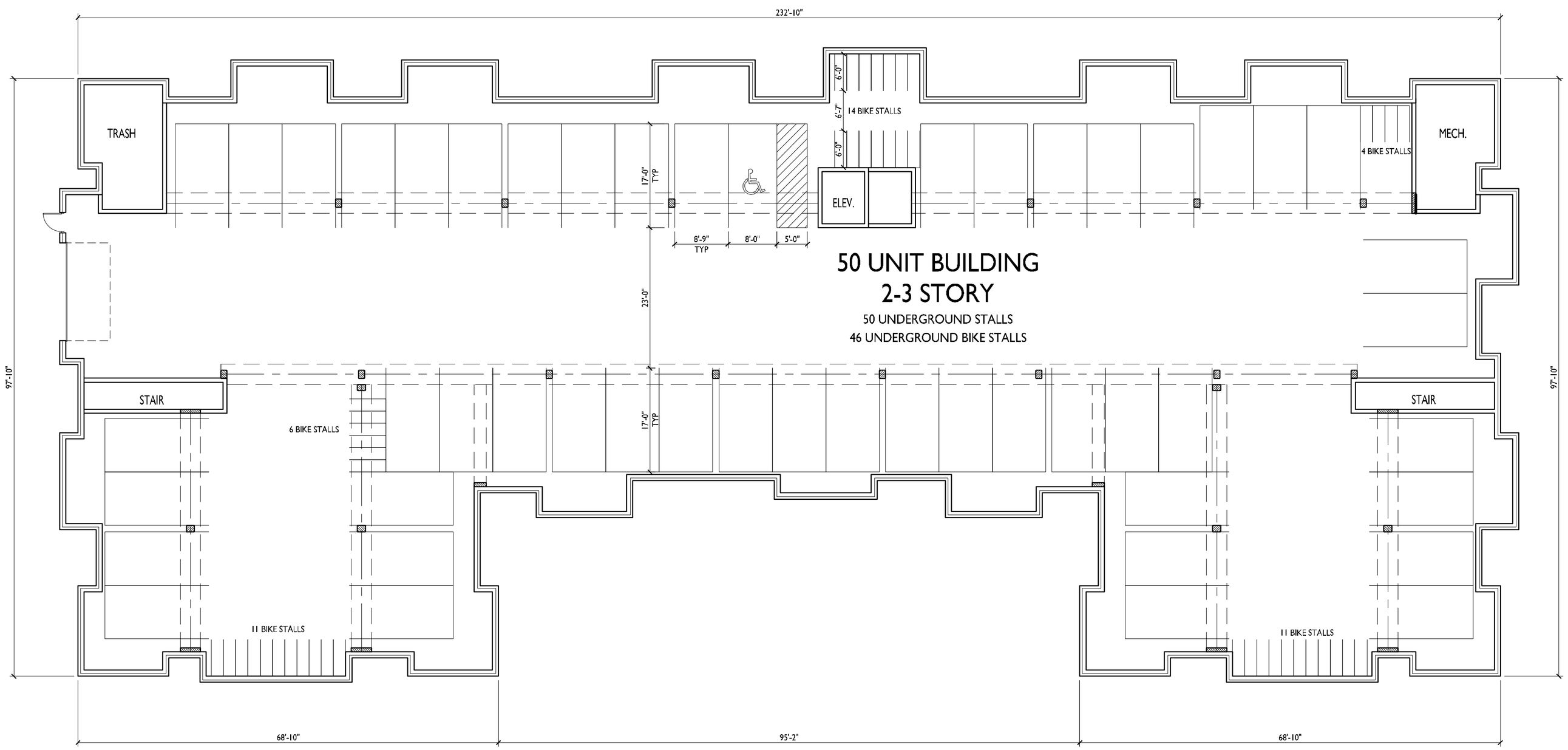

1 A-1.0 BASEMENT PLAN

3/32"=1'-0"

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Middleton, WI 53562

ISSUED
Issued for Land Use - September 7, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Basement Floor Plan - Building 1

SHEET NUMBER
A-1.0

PROJECT NO. 1621

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1
A-1.1
FIRST FLOOR PLAN
3/32"=1'-0"

ISSUED
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604 S. Point Rd.
Madison, WI

SHEET TITLE
First Floor Plan - Building 1

SHEET NUMBER
A-1.1

PROJECT NO. 1621

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1 A-1.2 SECOND FLOOR PLAN
3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Second Floor Plan - Building 1

SHEET NUMBER
A-1.2

PROJECT NO. 1621

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1 A-1.3 THIRD FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
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604 S. Point Rd.
Madison, WI

SHEET TITLE
Third Floor Plan - Building 1

SHEET NUMBER
A-1.3

PROJECT NO. 1621

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BUILDING 1
NORTH ELEVATION
3/32"=1'-0"

BUILDING 1
SOUTH ELEVATION
3/32"=1'-0"

BUILDING 1
WEST ELEVATION
3/32"=1'-0"

BUILDING 1
EAST ELEVATION
3/32"=1'-0"

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ISSUED
Issued for Land Use - September 7, 2016
Issued for Land Use Supplement - Sept. 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 1

SHEET NUMBER
A-2.1

PROJECT NO. 1621

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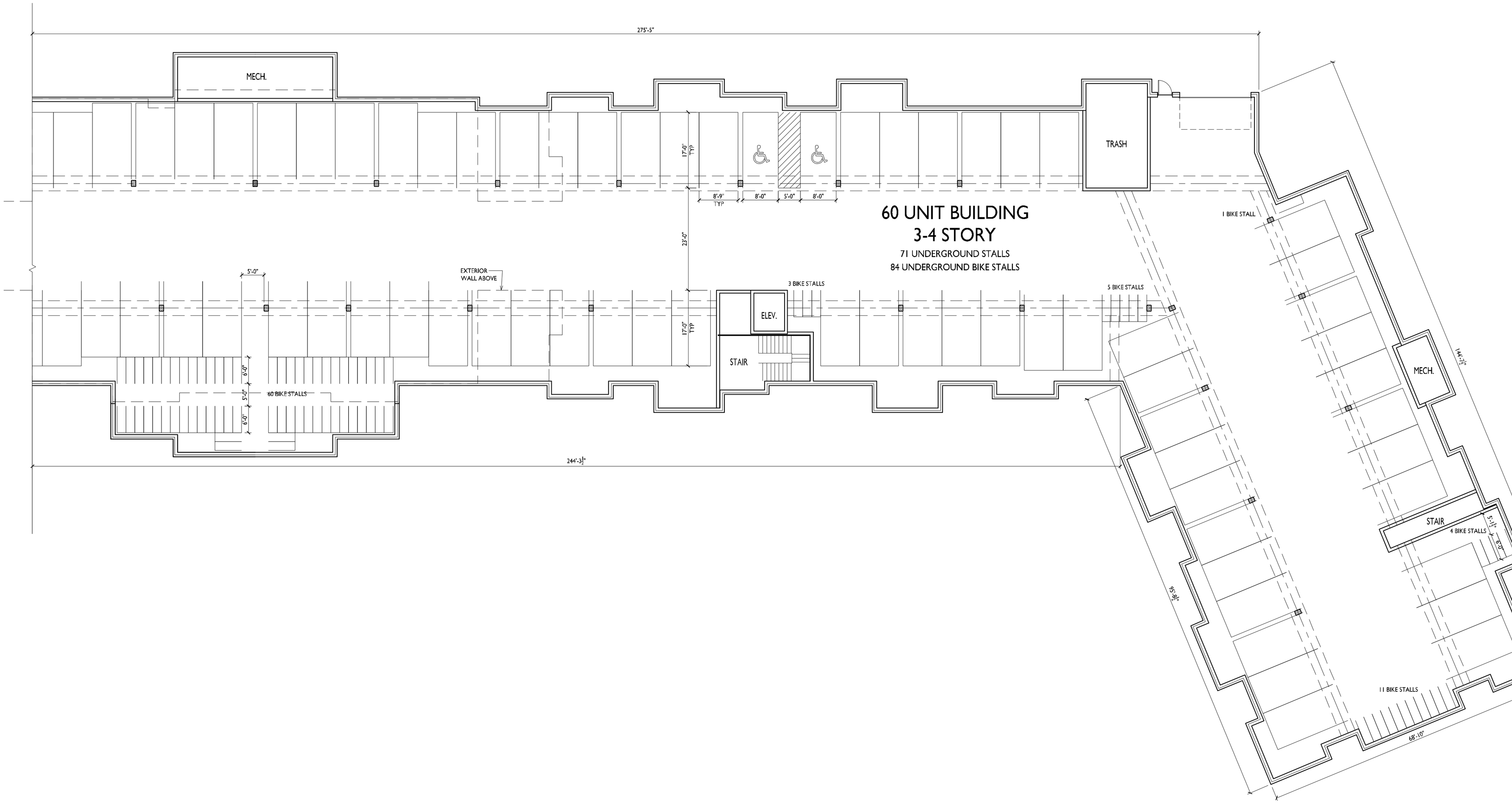

1 A-1.0 BASEMENT PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Basement Floor Plan - Building 2

SHEET NUMBER
A-1.0

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1
A-1.1
FIRST FLOOR PLAN
3/32"=1'-0"

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SHEET TITLE
First Floor Plan - Building 2

SHEET NUMBER
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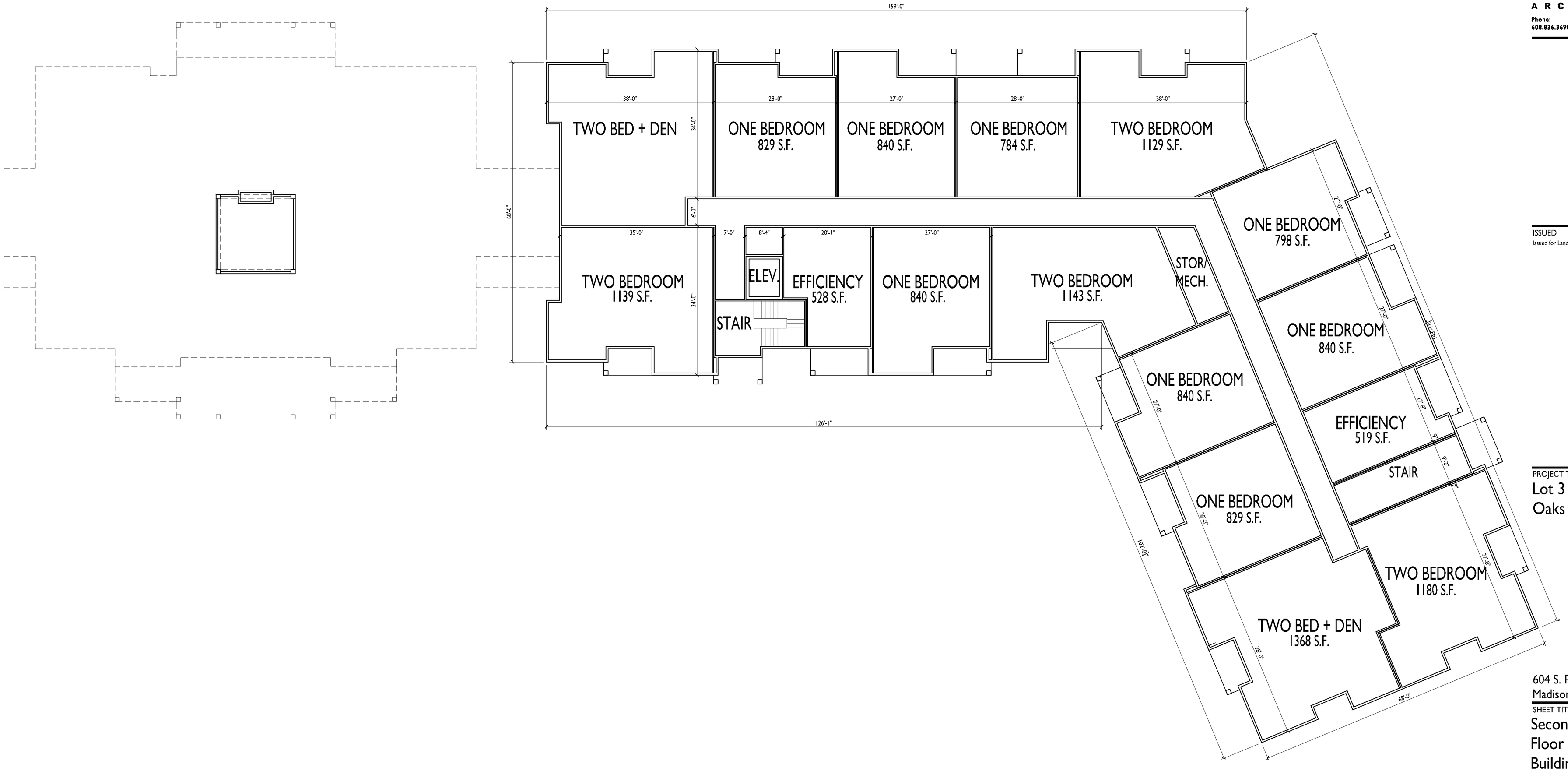

1
A-1.2
SECOND AND THIRD FLOOR PLAN
3/32"=1'-0"

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Middleton, WI 53562

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Issued for Land Use - September 7, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Second and Third Floor Plan - Building 2

SHEET NUMBER
A-1.2

PROJECT NO. 1621

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1 A-1.3 FOURTH FLOOR PLAN

3/32"=1'-0"

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ARCHITECTS
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7601 University Ave, Ste 201
Middleton, WI 53562

ISSUED
Issued for Land Use - September 7, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Fourth Floor Plan - Building 2

SHEET NUMBER
A-1.3

PROJECT NO. 1621

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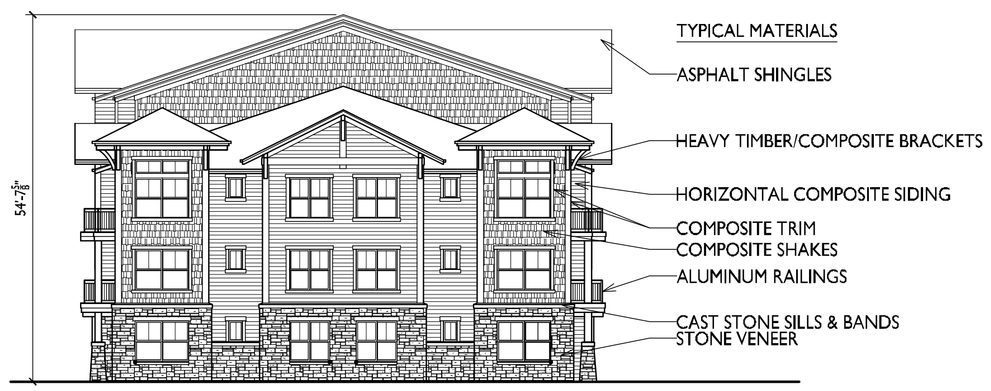

BUILDING 2
NORTHEAST ELEVATION
1/16"=1'-0"

BUILDING 2
NORTHWEST ELEVATION
1/16"=1'-0"

BUILDING 2/CLUBHOUSE
EAST ELEVATION
1/16"=1'-0"

BUILDING 2/CLUBHOUSE
SOUTHEAST ELEVATION
1/16"=1'-0"

BUILDING 2/CLUBHOUSE
WEST ELEVATION
1/16"=1'-0"

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ISSUED
Issued for Land Use - September 7, 2016
Issued for Land Use Supplement - Sept. 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 2

SHEET NUMBER
A-2.1

PROJECT NO. 1621

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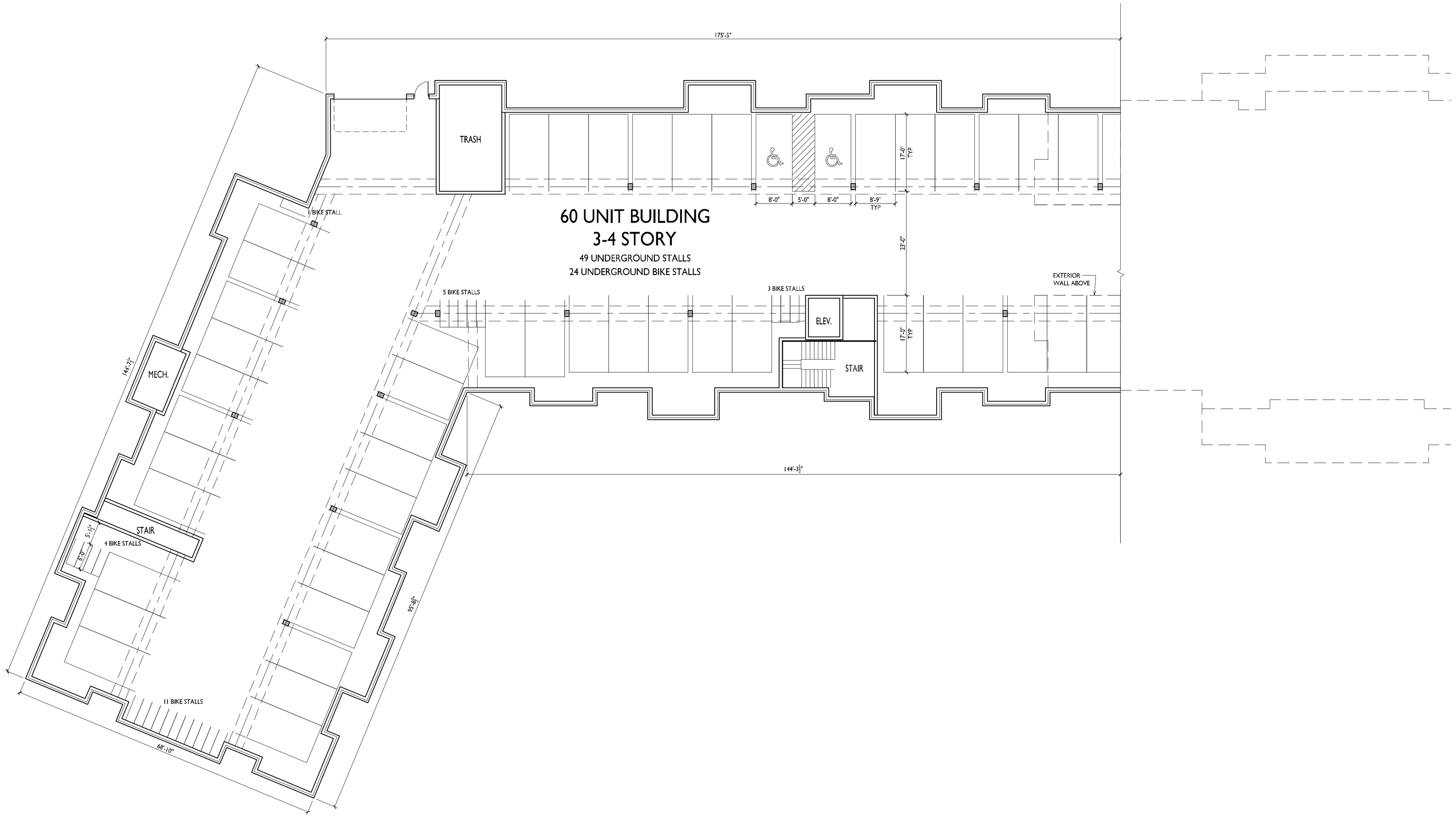

1 A-1.0 BASEMENT PLAN
3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Basement Plan - Building 3

SHEET NUMBER
A-1.0

PROJECT NO. 1621

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1
A-1.1
FIRST FLOOR PLAN
3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

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Madison, WI

SHEET TITLE
First Floor Plan - Building 3

SHEET NUMBER
A-1.1

PROJECT NO. 1621

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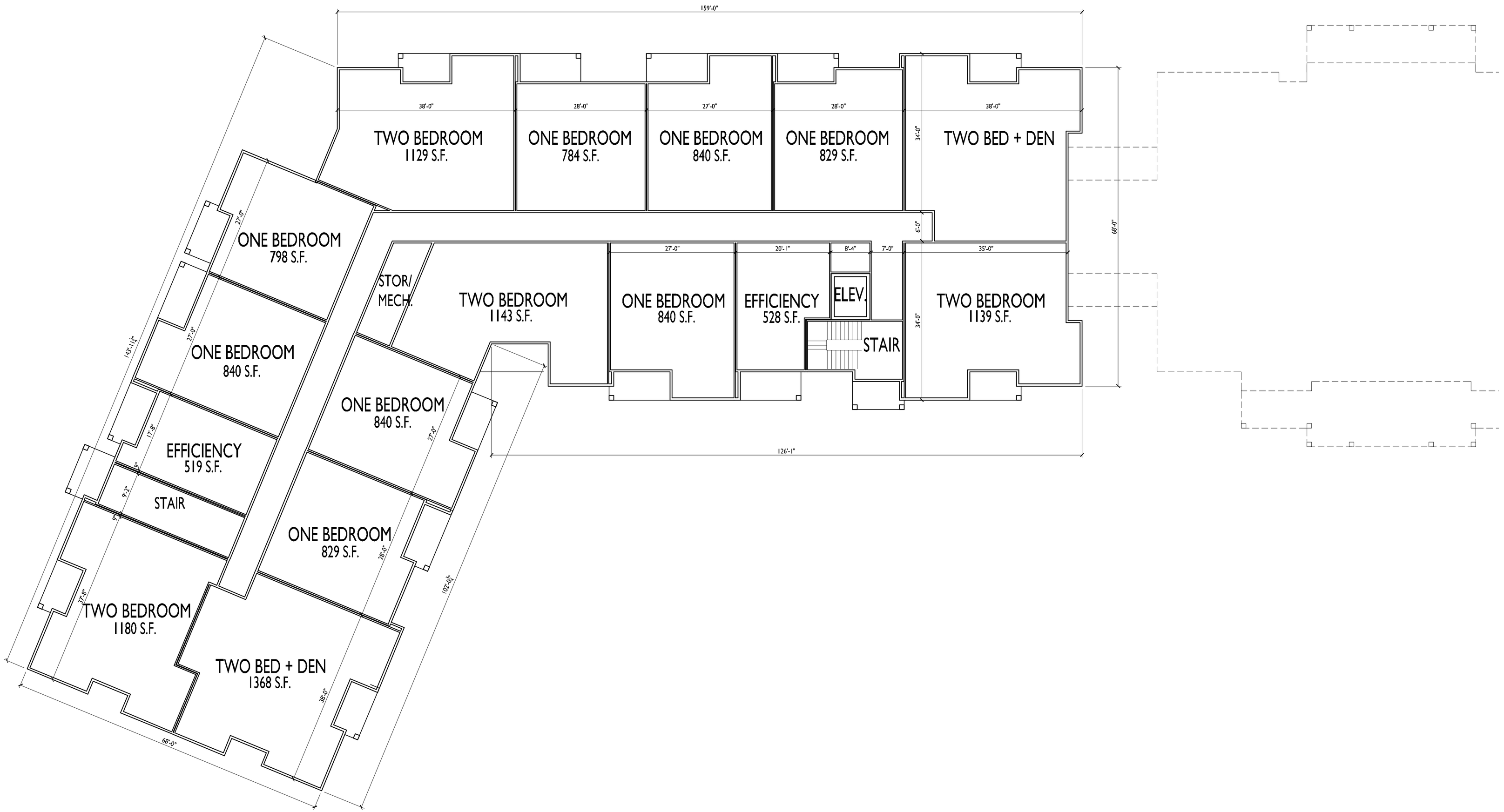

1 A-1.2 SECOND & THIRD FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

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Madison, WI

SHEET TITLE
Second & Third Floor Plan - Building 3

SHEET NUMBER
A-1.2

PROJECT NO. 1621

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1 A-1.3 FOURTH FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Fourth Floor Plan - Building 3

SHEET NUMBER
A-1.3

PROJECT NO. 1621

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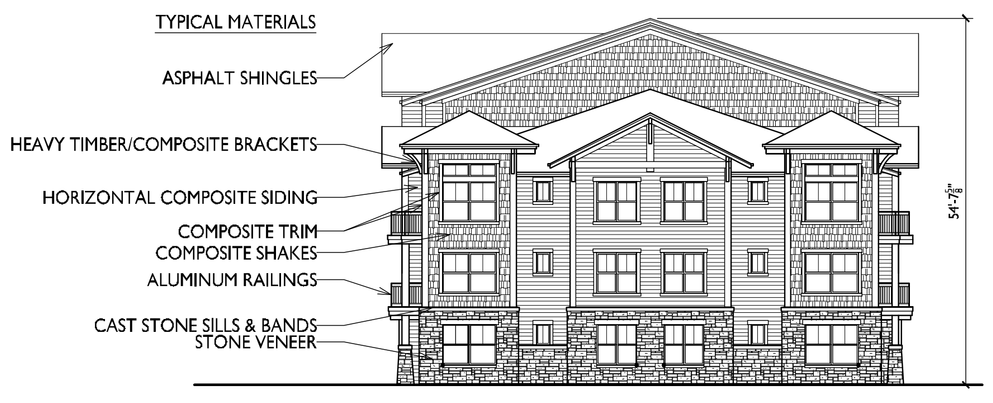

BUILDING 3
SOUTHEAST ELEVATION
1/16"=1'-0"

BUILDING 3
SOUTHWEST ELEVATION
1/16"=1'-0"

BUILDING 3/CLUBHOUSE
WEST ELEVATION
1/16"=1'-0"

BUILDING 3
NORTHEAST ELEVATION
1/16"=1'-0"

BUILDING 3/CLUBHOUSE
EAST ELEVATION
1/16"=1'-0"

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Issued for Land Use - September 7, 2016
Issued for Land Use Supplement - Sept. 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 3

SHEET NUMBER
A-2.1

PROJECT NO. 1621

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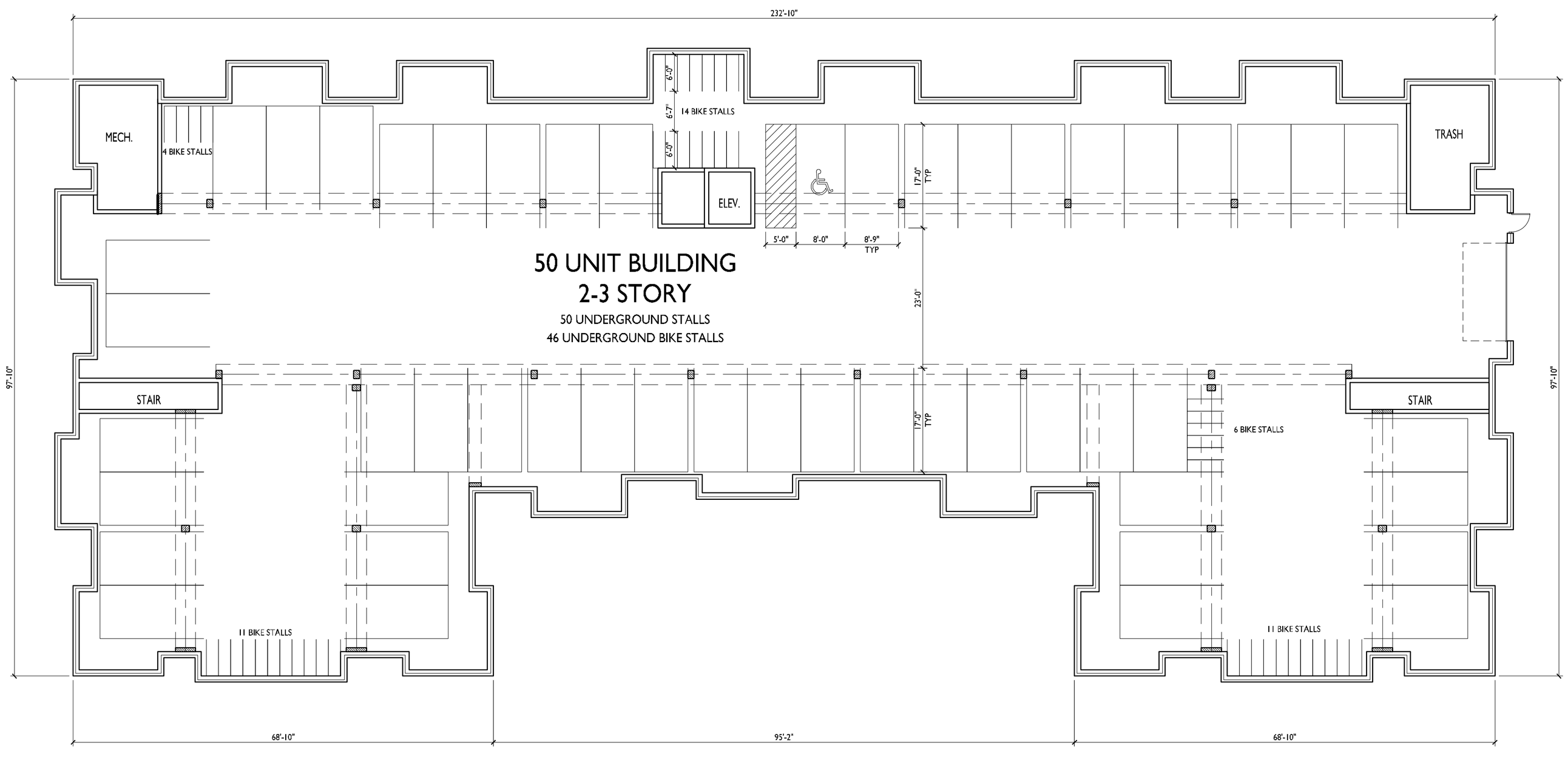

1
A-1.0
BASEMENT PLAN
3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Basement Plan - Building 4

SHEET NUMBER
A-1.0

PROJECT NO. 1621

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1 A-1.1 FIRST FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
First Floor Plan - Building 4

SHEET NUMBER
A-1.1

PROJECT NO. 1621

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1 A-1.2 SECOND FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Second Floor Plan - Building 4

SHEET NUMBER
A-1.2

PROJECT NO. 1621

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1 A-1.3 THIRD FLOOR PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Third Floor Plan - Building 4

SHEET NUMBER
A-1.3

PROJECT NO. 1621

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BUILDING 4
NORTH ELEVATION
3/32"=1'-0"

BUILDING 4
SOUTH ELEVATION
3/32"=1'-0"

BUILDING 4
WEST ELEVATION
3/32"=1'-0"

BUILDING 4
EAST ELEVATION
3/32"=1'-0"

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Issued for Land Use Supplement - Sept. 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 4

SHEET NUMBER
A-2.1

PROJECT NO. 1621

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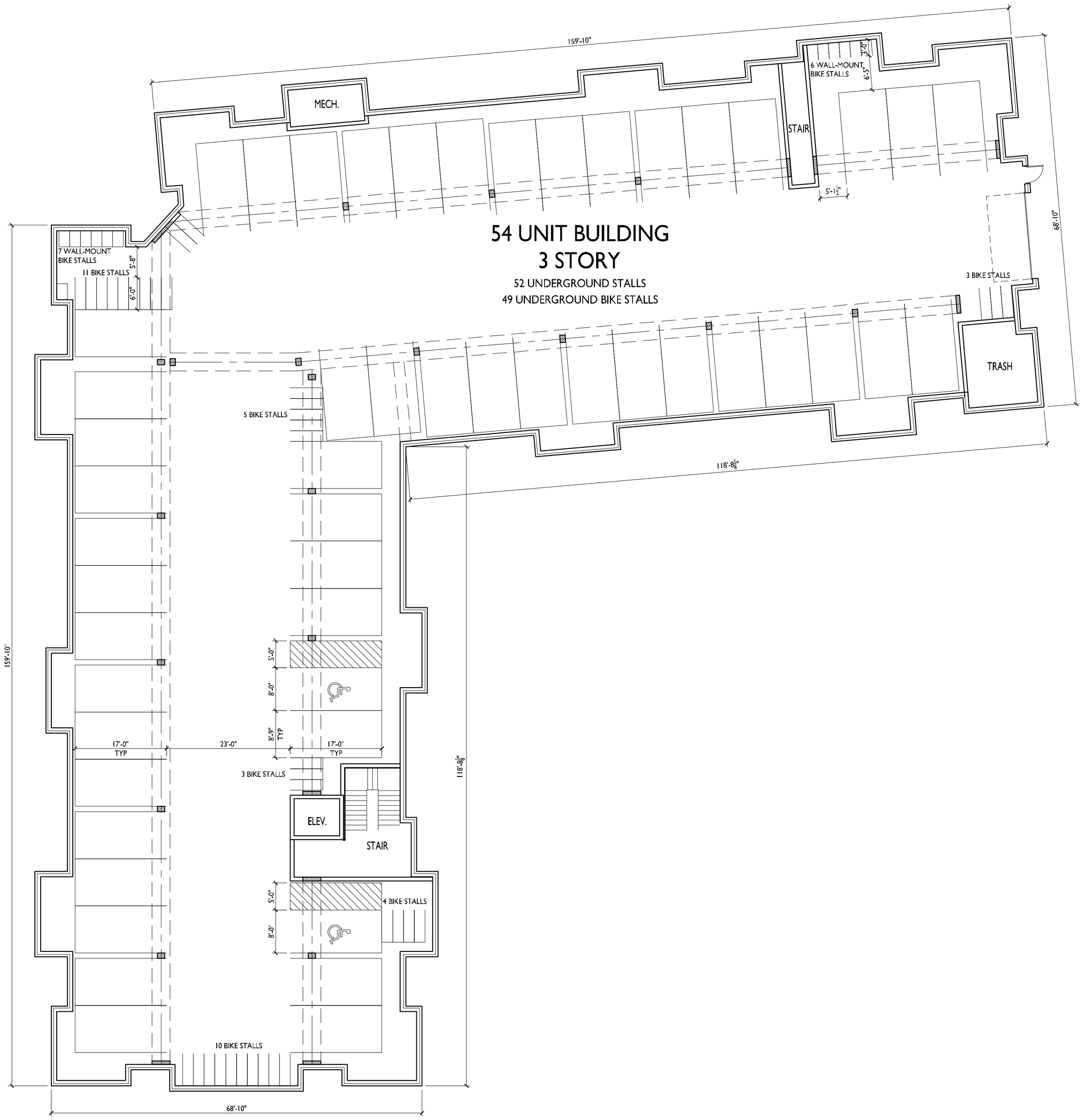

1 A-1.0 BASEMENT PLAN

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Basement Floor Plan - Building 5

SHEET NUMBER
A-1.0

PROJECT NO. 1621

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1
A-1.1
FIRST - THIRD FLOOR PLAN
3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
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SHEET TITLE
First - Third Floor Plan - Building 5

SHEET NUMBER
A-1.1

PROJECT NO. 1621

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BUILDING 5
SOUTHWEST ELEVATION

3/32"=1'-0"

BUILDING 5
SOUTHEAST ELEVATION

3/32"=1'-0"

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 5

SHEET NUMBER
A-2.1

PROJECT NO. 1621

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BUILDING 5
NORTHWEST ELEVATION
3/32"=1'-0"

BUILDING 5
NORTHEAST ELEVATION
3/32"=1'-0"

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Issued for Land Use Supplement - Sept. 12, 2016

PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Elevations - Building 5

SHEET NUMBER
A-2.2

PROJECT NO. 1621

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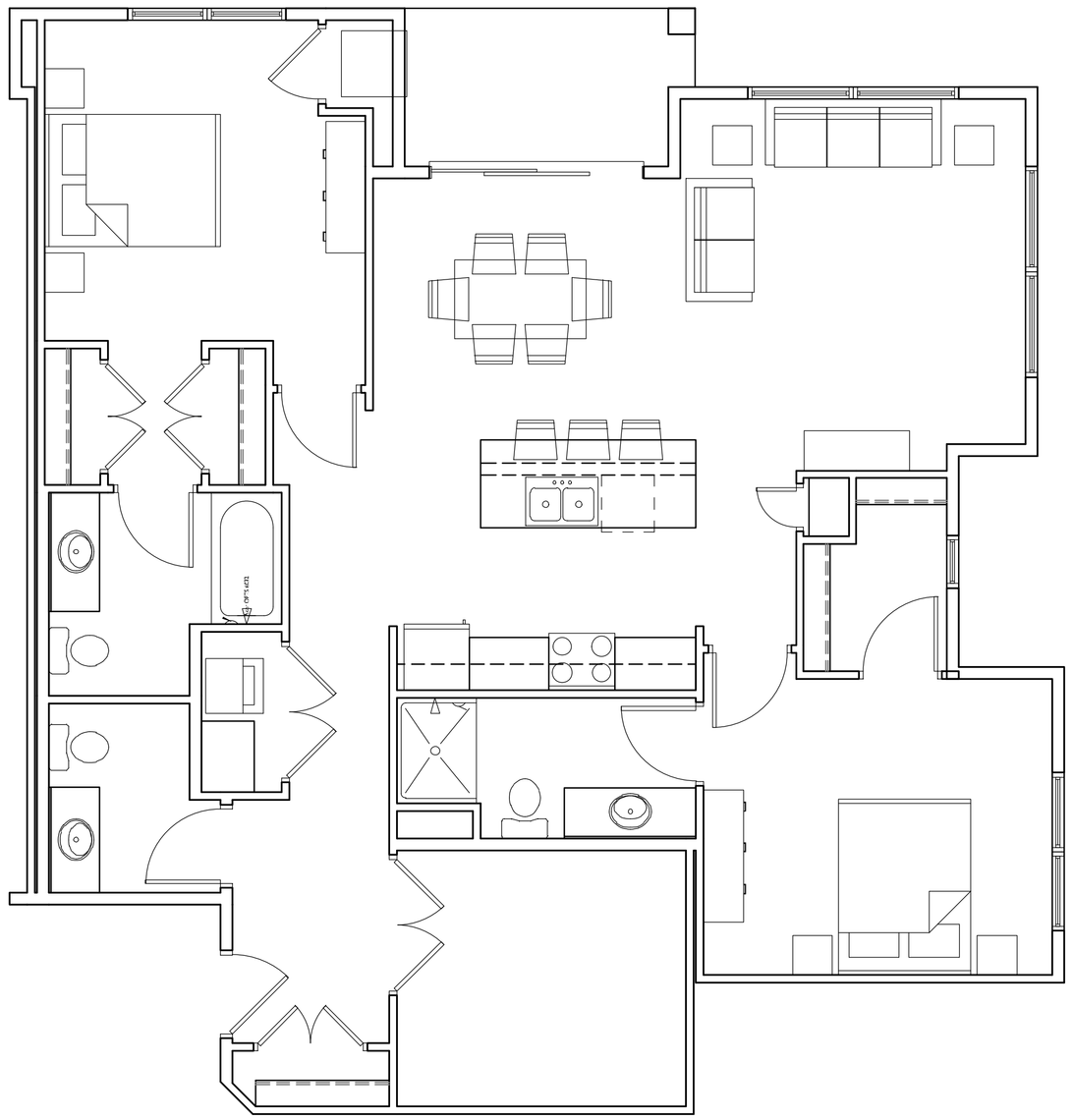
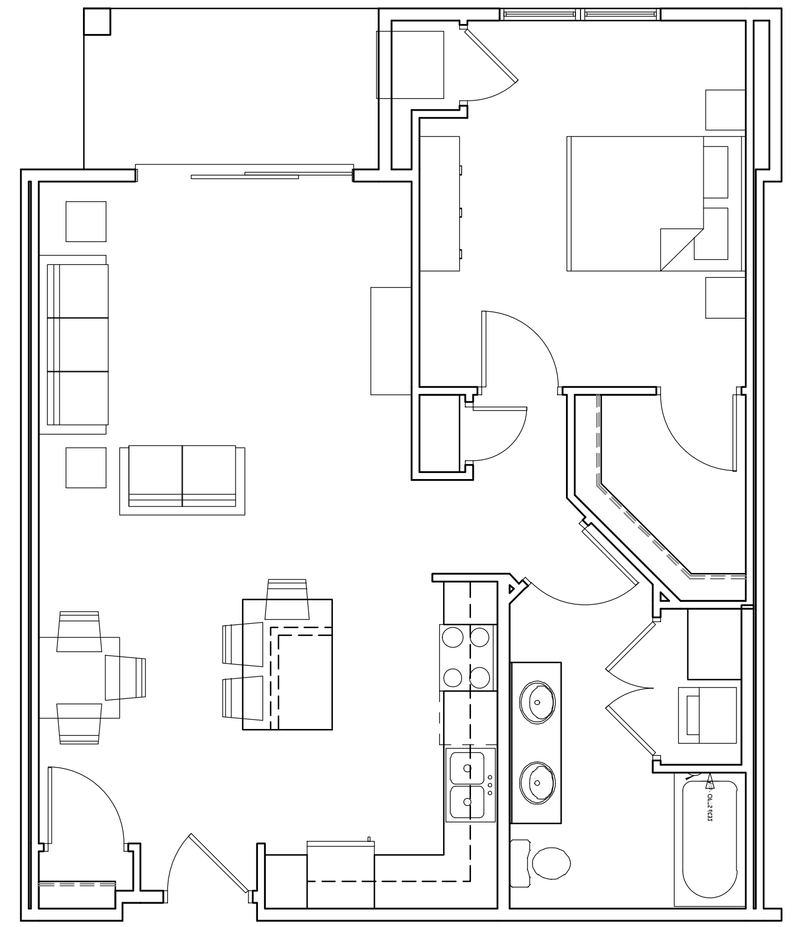
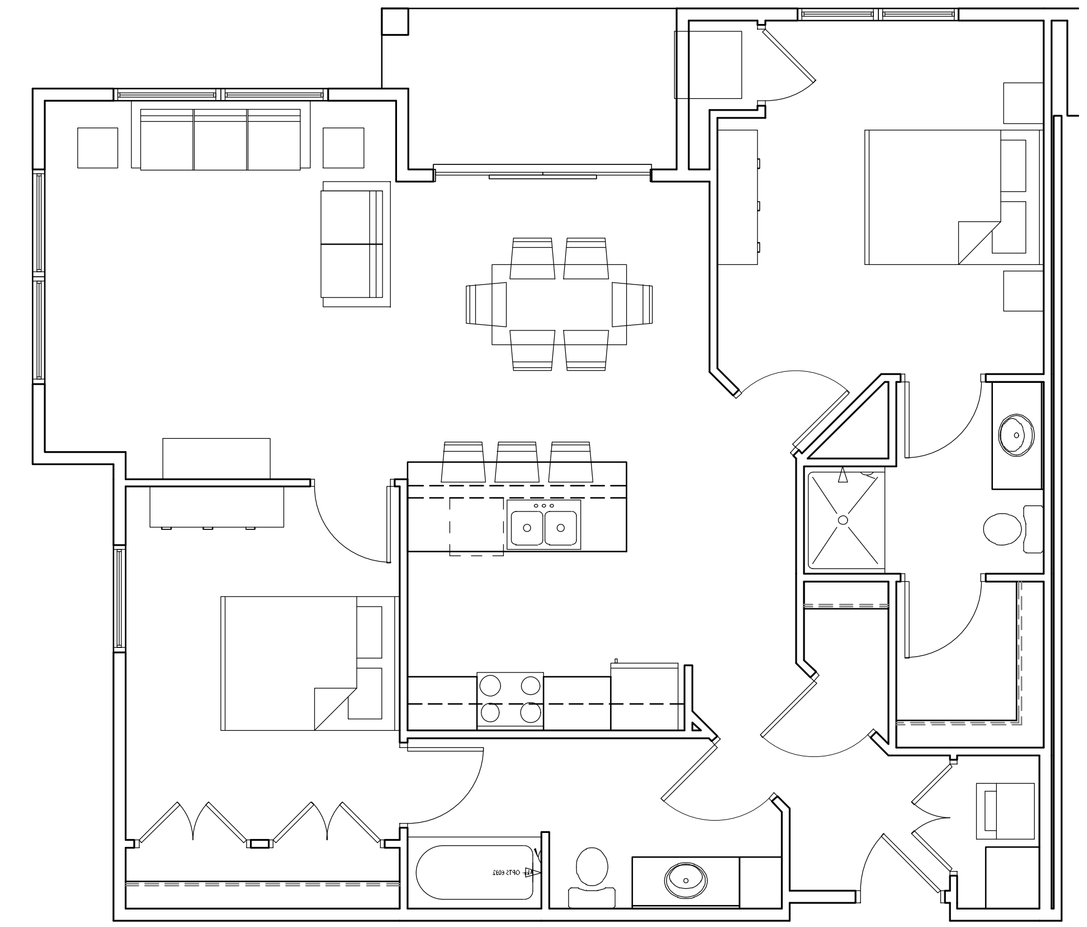


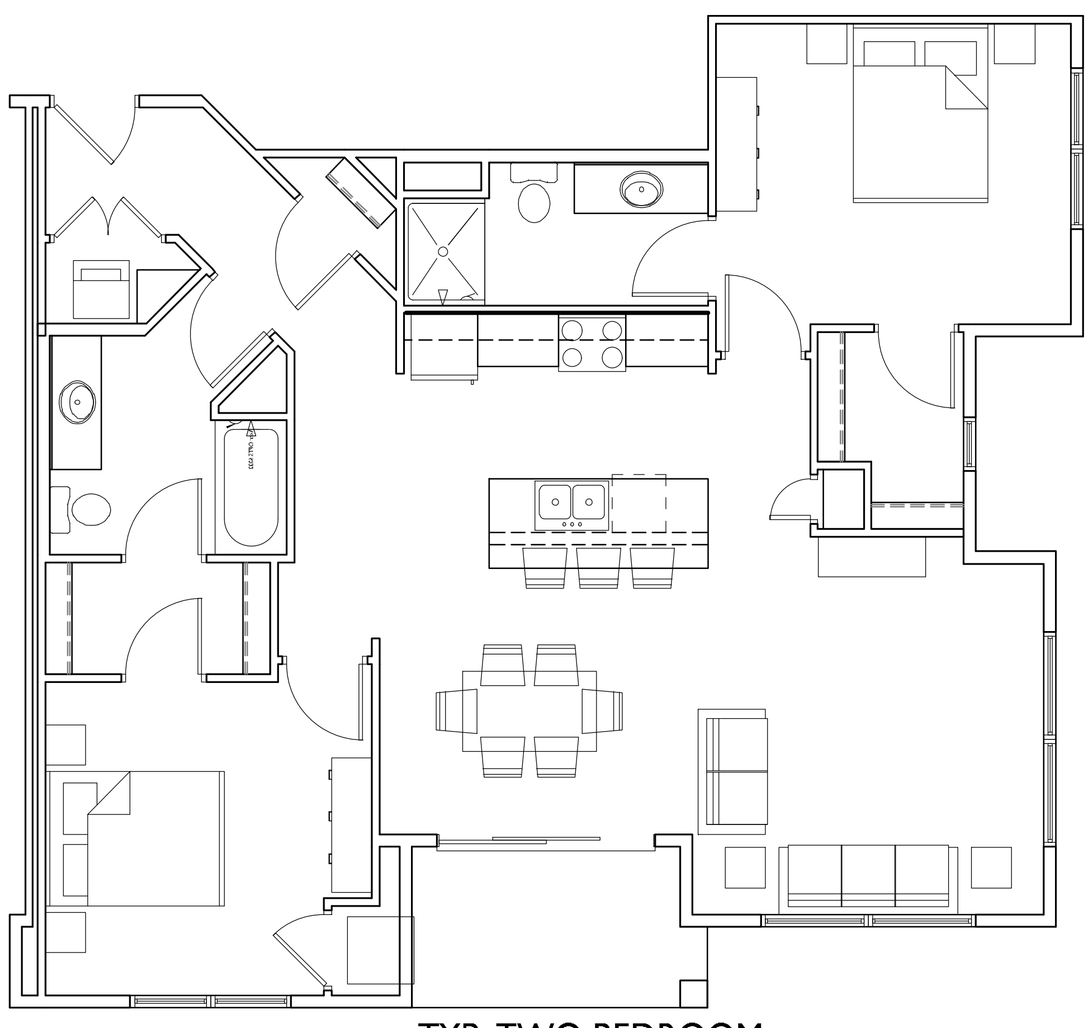
TYP. TWO BED + DEN
1368 S.F.



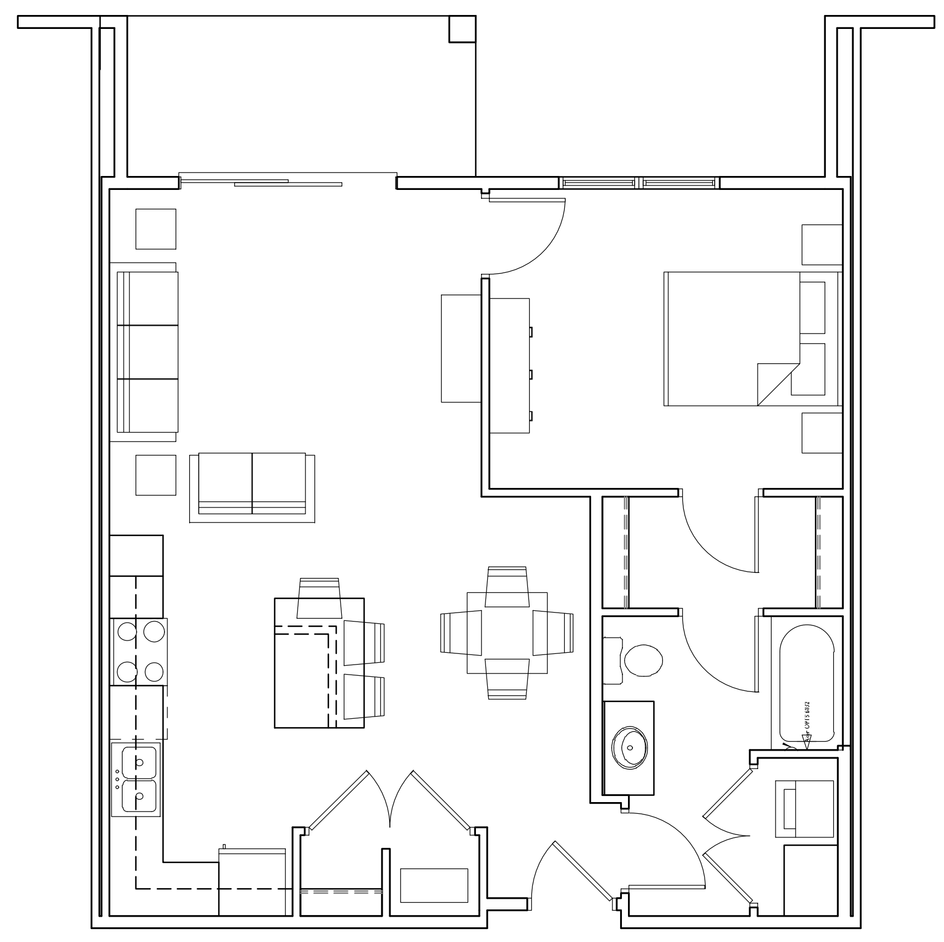
TYP. ONE BEDROOM
840 S.F.



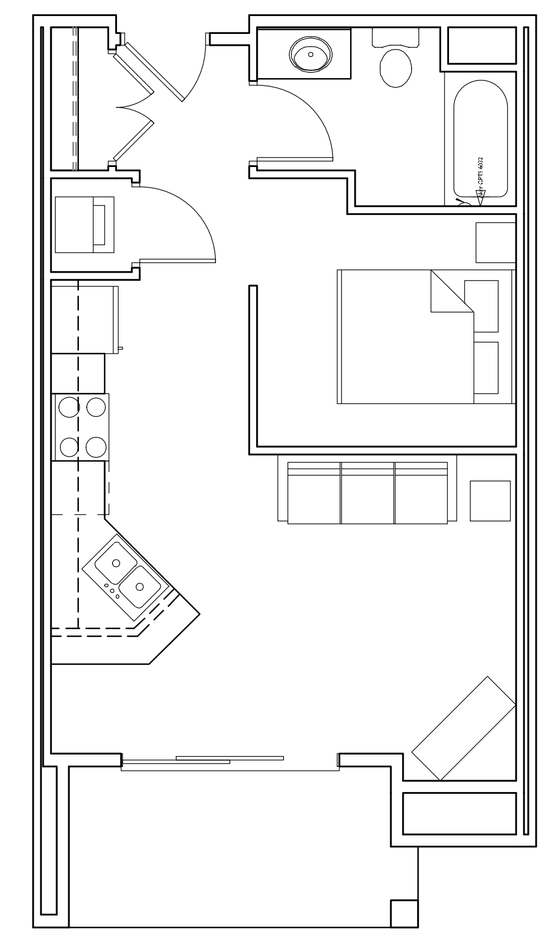
TYP. TWO BEDROOM
1139 S.F.



TYP. TWO BEDROOM
1180 S.F.



TYP. ONE BEDROOM
784 S.F.



TYP. EFFICIENCY
504 S.F.

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PROJECT TITLE
Lot 3 of 1000 Oaks Plat

604 S. Point Rd.
Madison, WI

SHEET TITLE
Typical Unit Plans

SHEET NUMBER
A-5.1

PROJECT NO. 1621

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