



Site Locator Map
Esker Apartments
2801 Hickory Ridge Rd





Site Photo
Esker Apartments
2801 Hickory Ridge Rd



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.

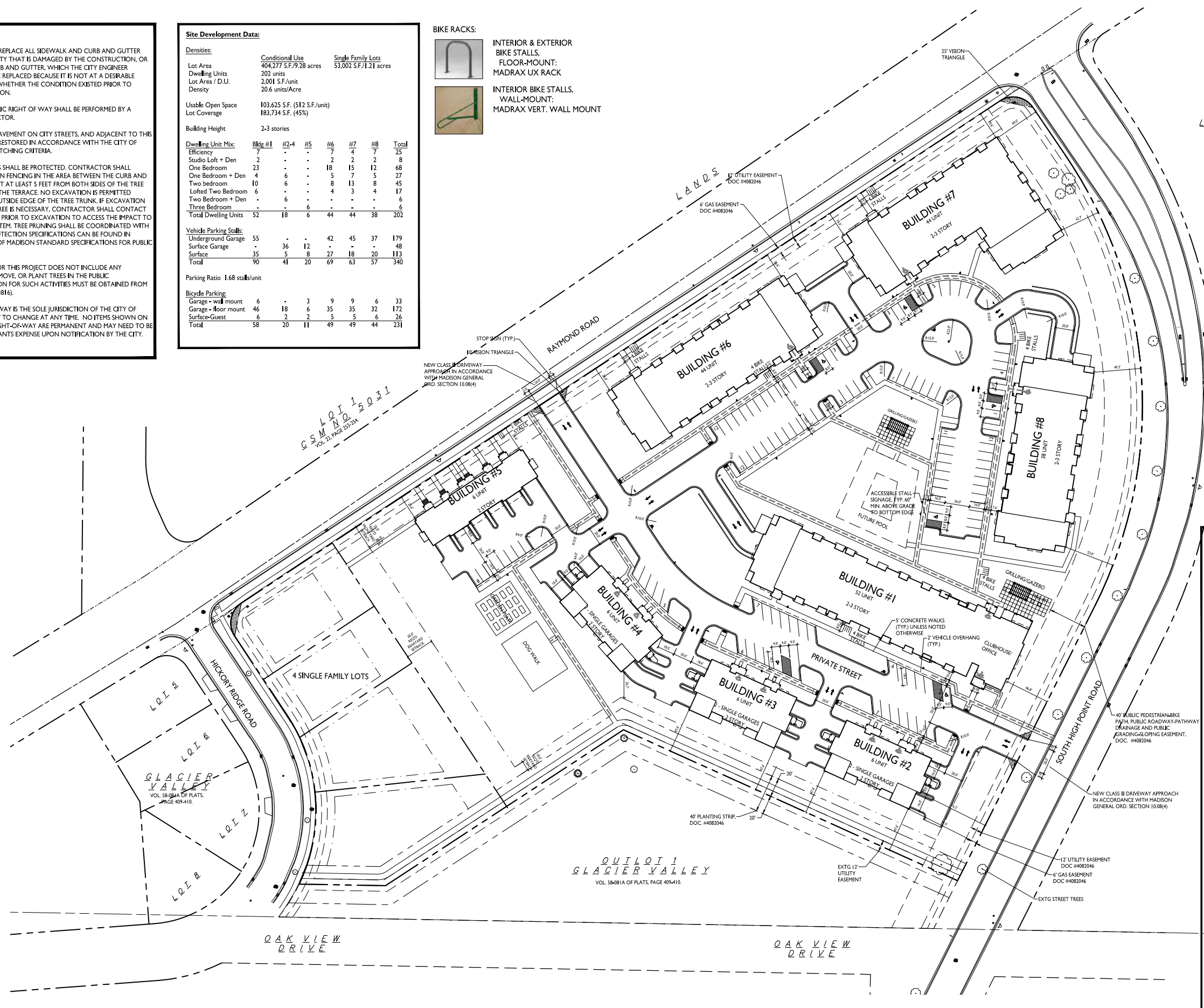
Site Development Data:

Densities:	Conditional Use	Single Family Lots
Lot Area	404,277 S.F./9.28 acres	53,002 S.F./1.21 acres
Dwelling Units	202 units	
Lot Area / D.U.	2,001 S.F./unit	
Density	20.6 units/Acre	
Usable Open Space	103,625 S.F. (51.2 S.F./unit)	
Lot Coverage	183,734 S.F. (45%)	
Building Height	2-3 stories	
Dwelling Unit Mix:		
Efficiency	7	25
Studio Loft + Den	2	8
One Bedroom	23	68
One Bedroom + Den	4	27
Two Bedroom	10	45
Lofted Two Bedroom	6	17
Two Bedroom + Den	-	6
Three Bedroom	-	6
Total Dwelling Units	52	202
Vehicle Parking Stalls:		
Underground Garage	55	179
Surface Garage	36	48
Surface	35	113
Total	90	340
Parking Ratio	1.68 stalls/unit	
Bicycle Parking:		
Garage - wall mount	6	33
Garage - floor mount	18	172
Surface-Guest	2	26
Total	26	231

BIKE RACKS:

INTERIOR & EXTERIOR BIKE STALLS, FLOOR-MOUNT, MADRAX UX RACK

INTERIOR BIKE STALLS, WALL-MOUNT, MADRAX VERT. WALL MOUNT



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A-1.3	THIRD FLOOR PLAN
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A-1.1	FIRST FLOOR PLAN
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R-2.5	RENDERED ELEVATIONS - BLDG 8
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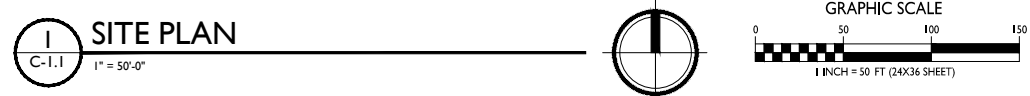
ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Site Plan

SHEET NUMBER

C-1.1
 PROJECT NO. **1855**
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knothe bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.936.3690 Middleton, WI 53542

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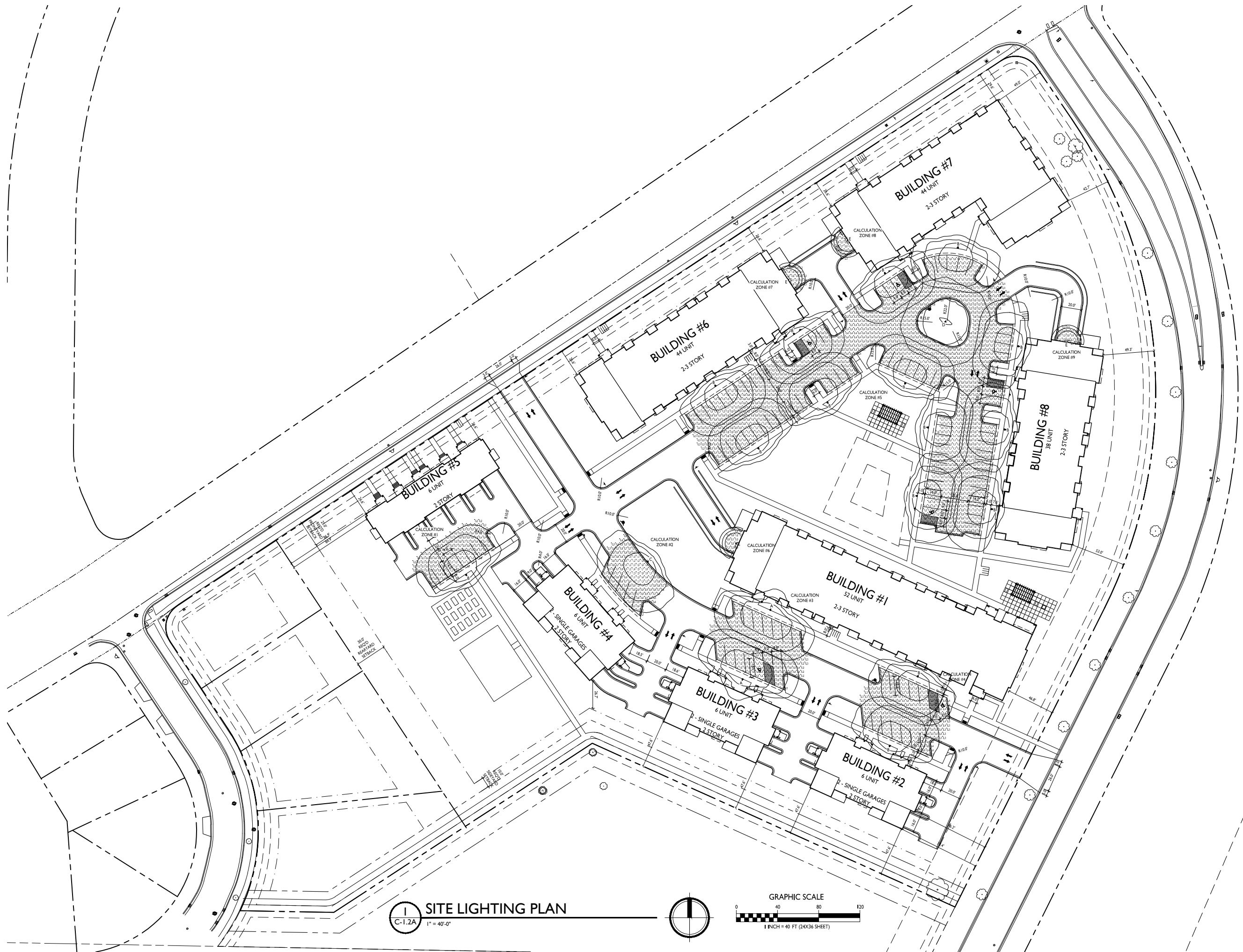
PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Site Lighting Plan

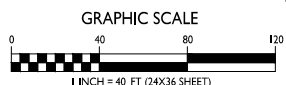
SHEET NUMBER

C-1.2A

PROJECT NO. 1855
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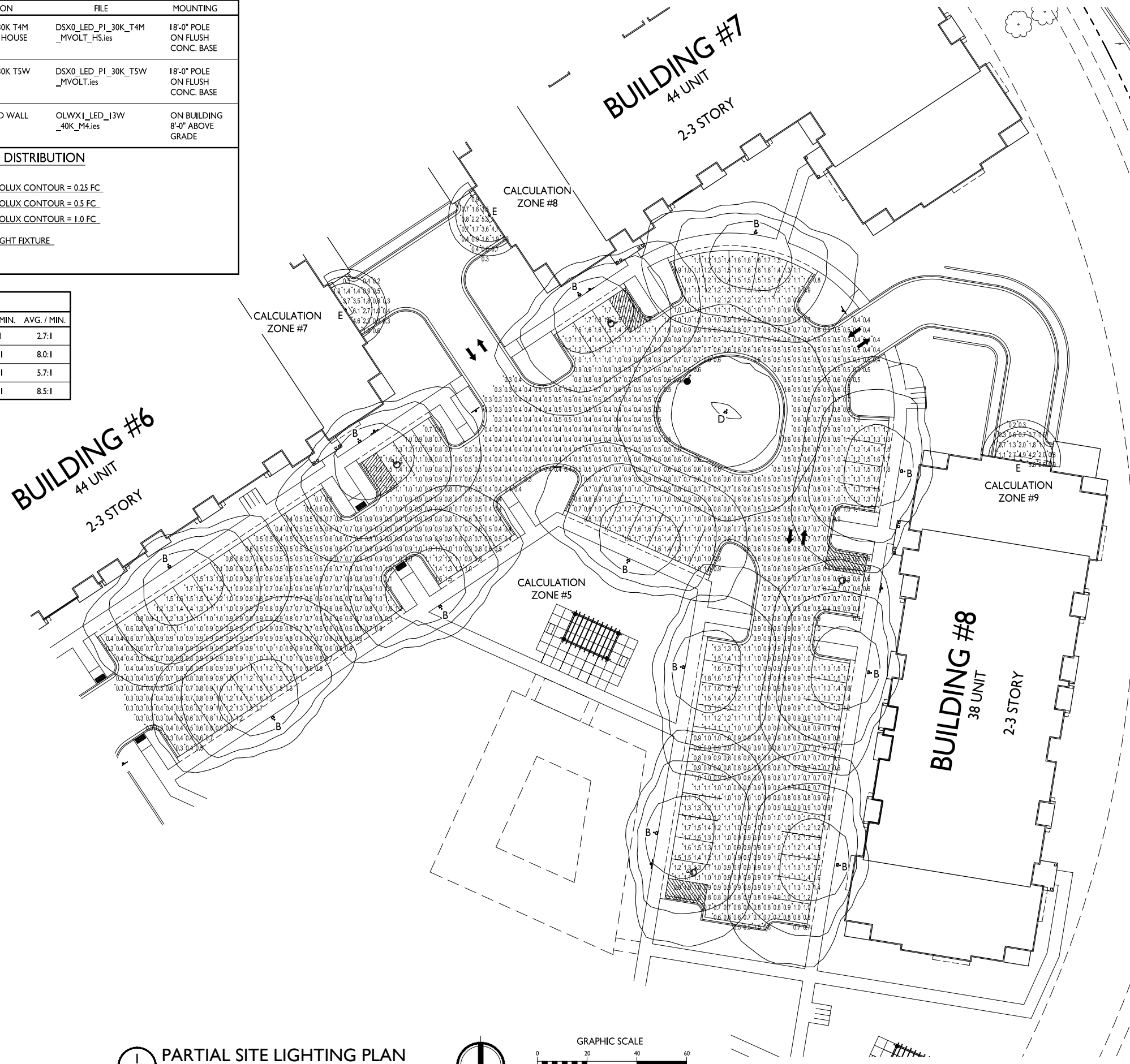
SITE LIGHTING PLAN
C-1.2A 1" = 40'-0"



LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	B	12	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
	D	1	LITHONIA LIGHTING	DSX0 LED P1 30K T5W MVOLT	DSX0 LED P1 30K T5W MVOLT	DSX0_LED_P1_30K_T5W_MVOLT.ies	18'-0" POLE ON FLUSH CONC. BASE
	E	3	LITHONIA LIGHTING	OLWX1 LED 13W 40K M4	13W 4000K LED WALL PACK	OLWX1_LED_13W_40K_M4.ies	ON BUILDING 8'-0" ABOVE GRADE

EXAMPLE LIGHT FIXTURE DISTRIBUTION	
	ISOLUX CONTOUR = 0.25 FC
	ISOLUX CONTOUR = 0.5 FC
	ISOLUX CONTOUR = 1.0 FC
	LIGHT FIXTURE

STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Calculation Zone #5	+	0.8 fc	1.8 fc	0.3 fc	6.0:1	2.7:1
Calculation Zone #7	+	1.6 fc	6.1 fc	0.2 fc	30.5:1	8.0:1
Calculation Zone #8	+	1.7 fc	5.3 fc	0.3 fc	17.7:1	5.7:1
Calculation Zone #9	+	1.7 fc	5.8 fc	0.2 fc	29.0:1	8.5:1



ISSUED
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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Partial Site
Lighting Plan

SHEET NUMBER

C-1.2B

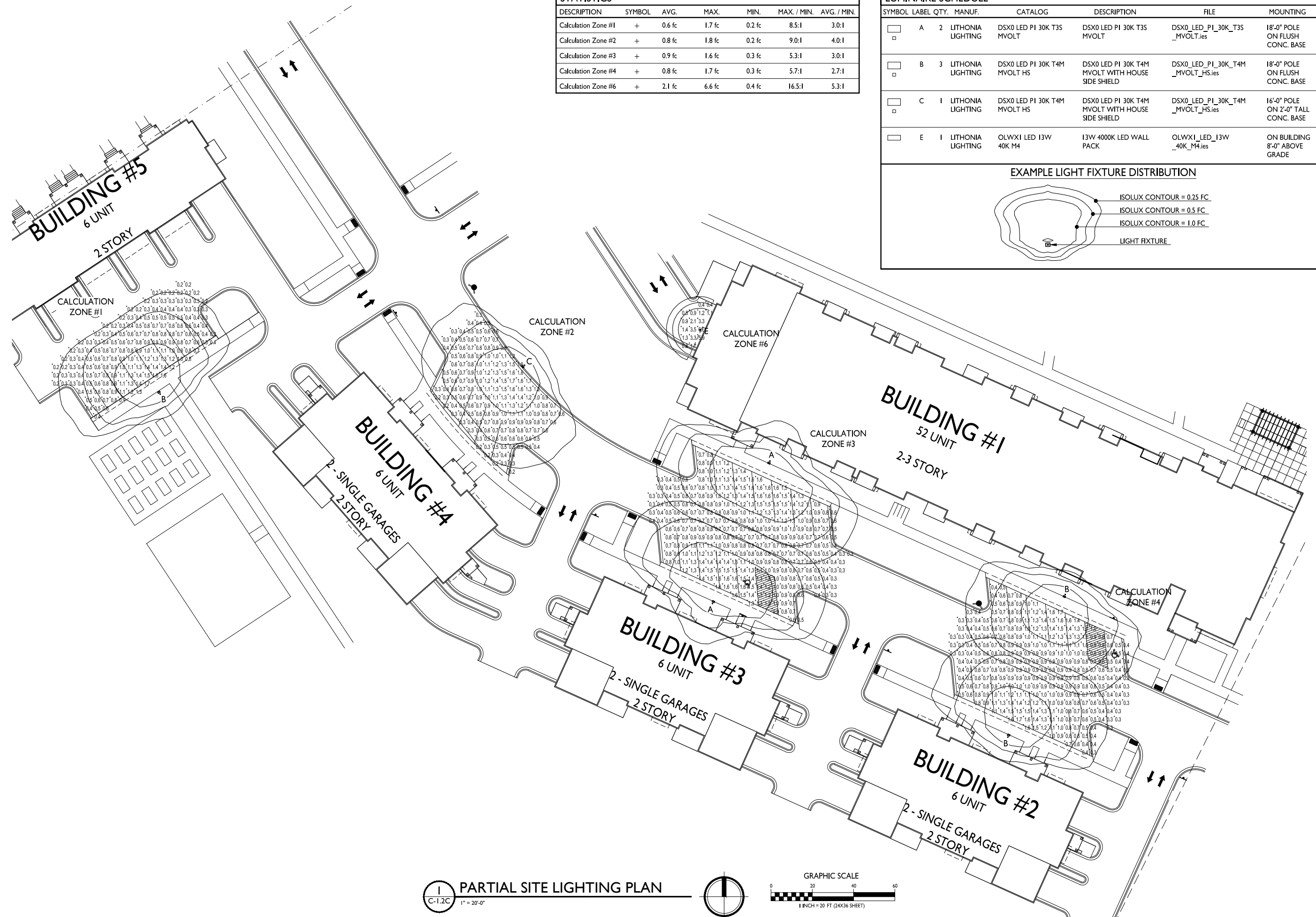
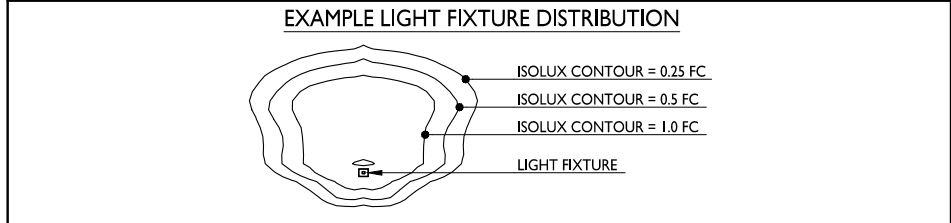
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PARTIAL SITE LIGHTING PLAN
C-1.2B 1" = 20'-0"

GRAPHIC SCALE
0 20 40 60
1 INCH = 20 FT (24X36 SHEET)

STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Calculation Zone #1	+	0.6 fc	1.7 fc	0.2 fc	8.5:1	3.0:1
Calculation Zone #2	+	0.8 fc	1.8 fc	0.2 fc	9.0:1	4.0:1
Calculation Zone #3	+	0.9 fc	1.6 fc	0.3 fc	5.3:1	3.0:1
Calculation Zone #4	+	0.8 fc	1.7 fc	0.3 fc	5.7:1	2.7:1
Calculation Zone #6	+	2.1 fc	6.6 fc	0.4 fc	16.5:1	5.3:1

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
□	A	2	LITHONIA LIGHTING	DSX0 LED PI 30K T3S MVOLT	DSX0 LED PI 30K T3S MVOLT	DSX0_LED_PI_30K_T3S_MVOLT.ies	18'-0" POLE ON FLUSH CONC. BASE
□	B	3	LITHONIA LIGHTING	DSX0 LED PI 30K T4M MVOLT HS	DSX0 LED PI 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T4M_MVOLT_HS.ies	18'-0" POLE ON FLUSH CONC. BASE
□	C	1	LITHONIA LIGHTING	DSX0 LED PI 30K T4M MVOLT HS	DSX0 LED PI 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T4M_MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE
□	E	1	LITHONIA LIGHTING	QLWX1 LED I3W 40K M4	I3W 4000K LED WALL PACK	QLWX1_LED_I3W_40K_M4.ies	ON BUILDING 8'-0" ABOVE GRADE



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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Partial Site Lighting Plan

SHEET NUMBER

C-1.2C
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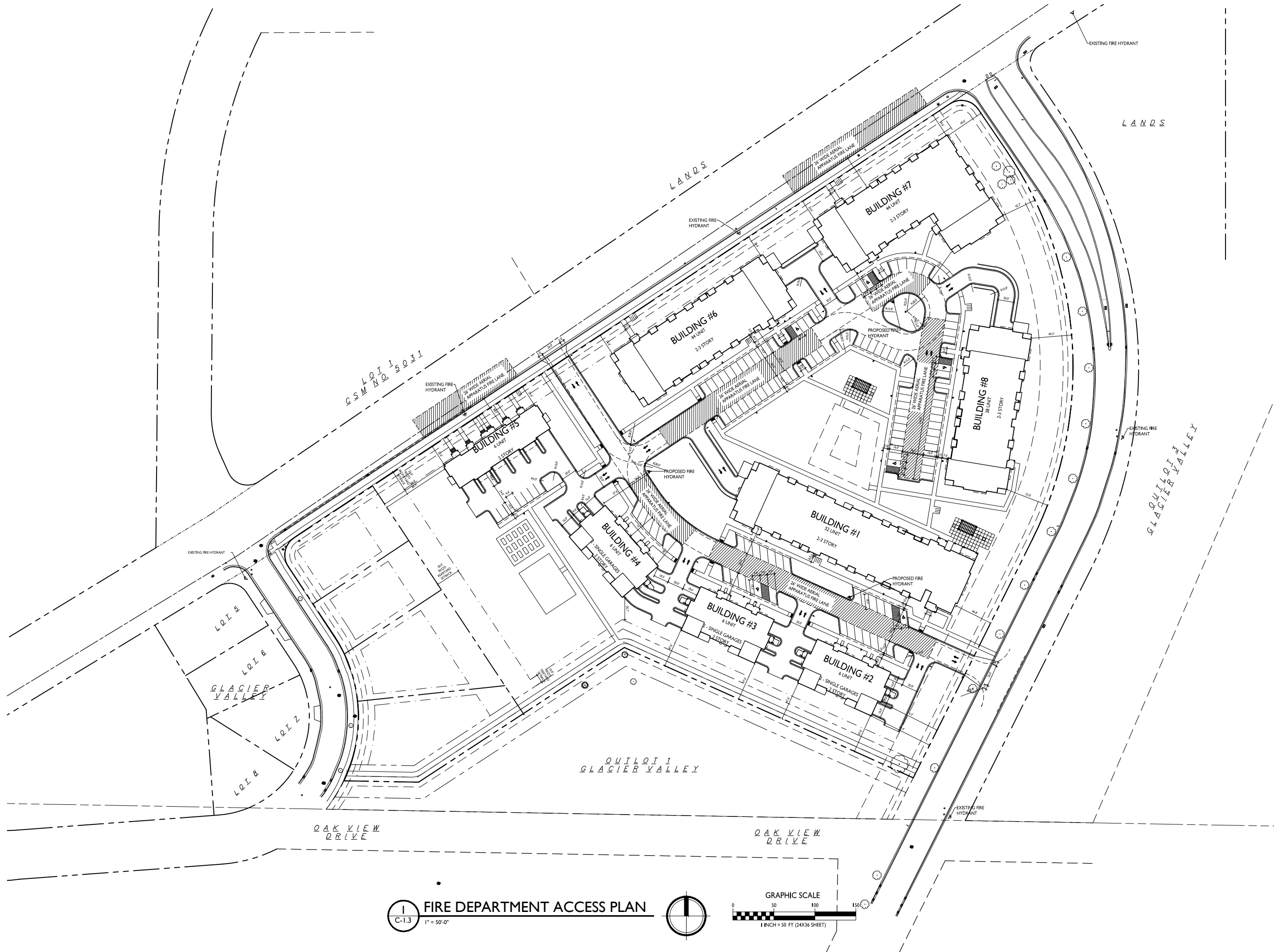
PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
**Fire Department
Access Plan**

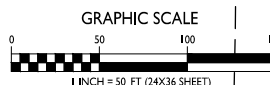
SHEET NUMBER

C-1.3

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FIRE DEPARTMENT ACCESS PLAN
C-1.3 1" = 50'-0"





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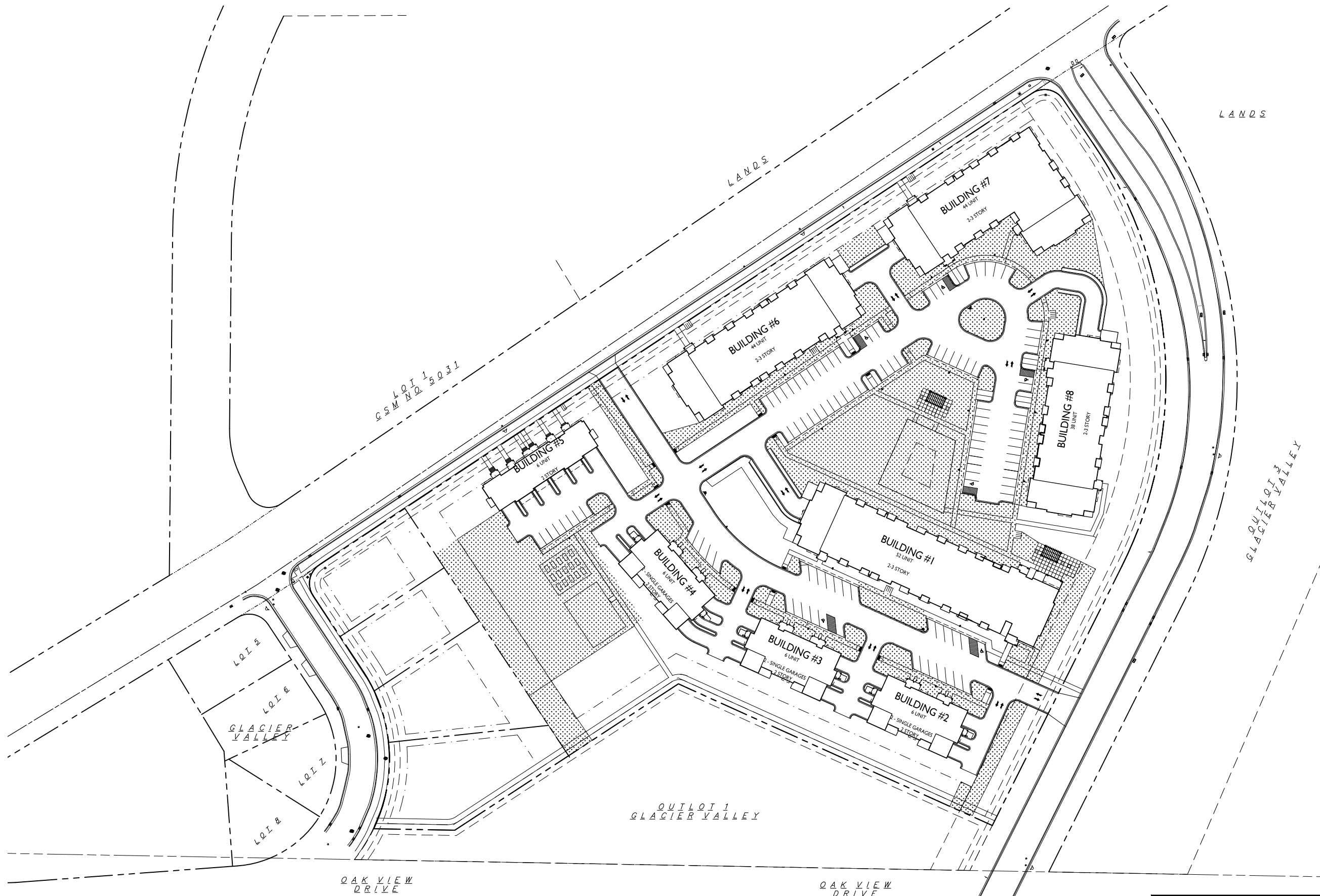
2801 Hickory Ridge Rd.
SHEET TITLE
Usable Open Space

SHEET NUMBER

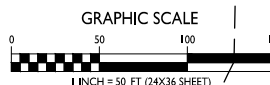
C-1.4

PROJECT NO. **1855**

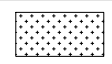
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USABLE OPEN SPACE
C-1.4 1" = 50'-0"



USABLE OPEN SPACE	
ZONING:	SR-V2
REQUIRED OPEN SPACE:	500 S.F. / D.U.
DWELLING UNITS:	202
500 S.F. X 202 =	101,000 S.F. OPEN SPACE REQUIRED
OPEN SPACE PROVIDED:	
BALCONIES: 54 x 202 S.F. =	10,908 S.F.
SURFACE:	92,717 S.F.
TOTAL:	103,625 S.F.





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ISSUED
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PROJECT TITLE
Esker Apartments

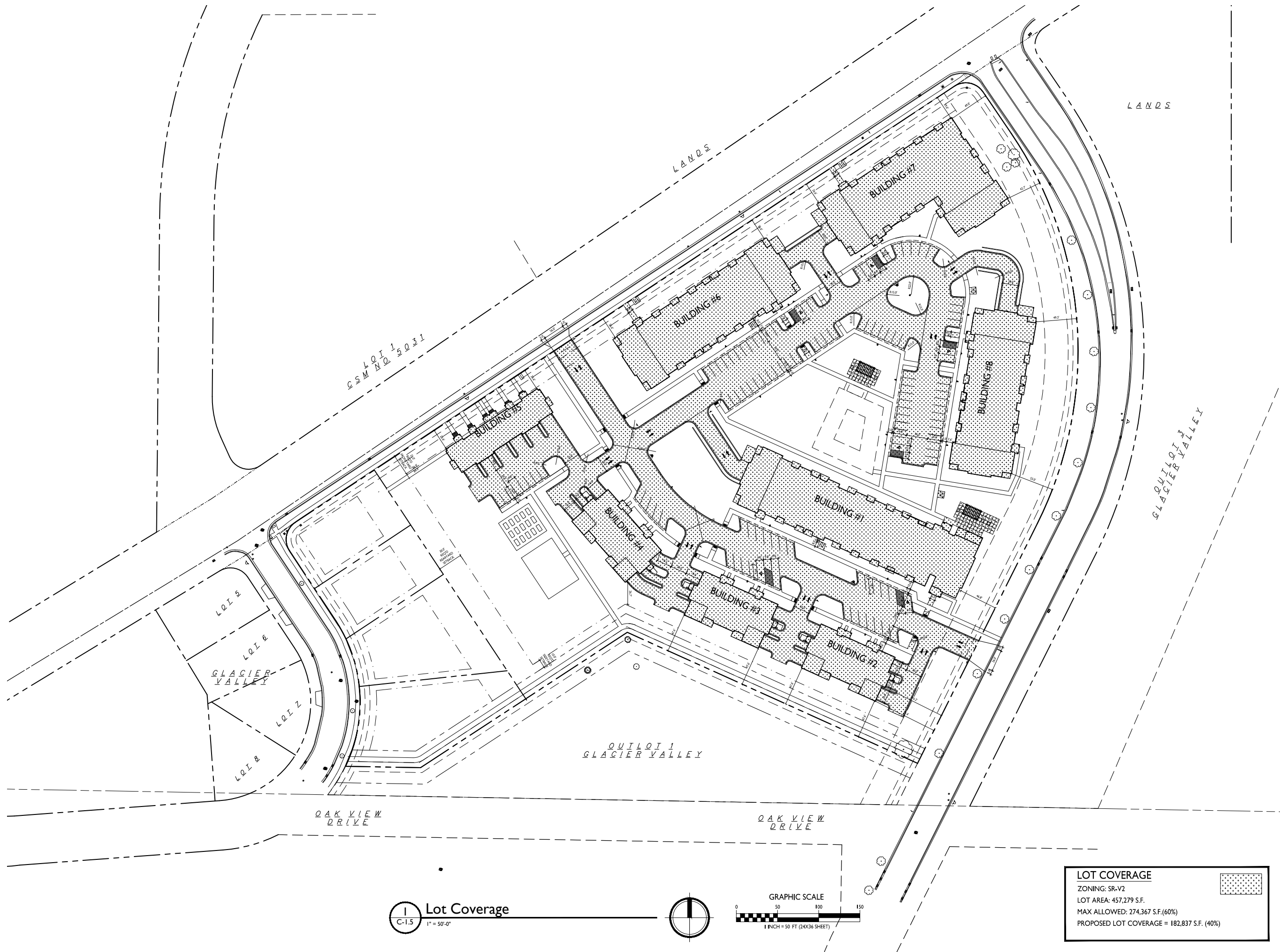
2801 Hickory Ridge Rd.
SHEET TITLE
Lot Coverage

SHEET NUMBER

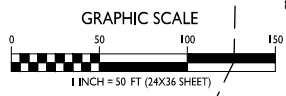
C-1.5

PROJECT NO. 1855

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Lot Coverage
C-1.5 1" = 50'-0"



LOT COVERAGE	
ZONING:	SR-V2
LOT AREA:	457,279 S.F.
MAX ALLOWED:	274,367 S.F. (60%)
PROPOSED LOT COVERAGE =	182,837 S.F. (40%)



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19 Mar 2019 - 1:55p M:\TR Mckenzie\180287_801 Raymond Rd, Madison\CADD\180287_Existing Conditions.dwg by: jzm

NOTES:

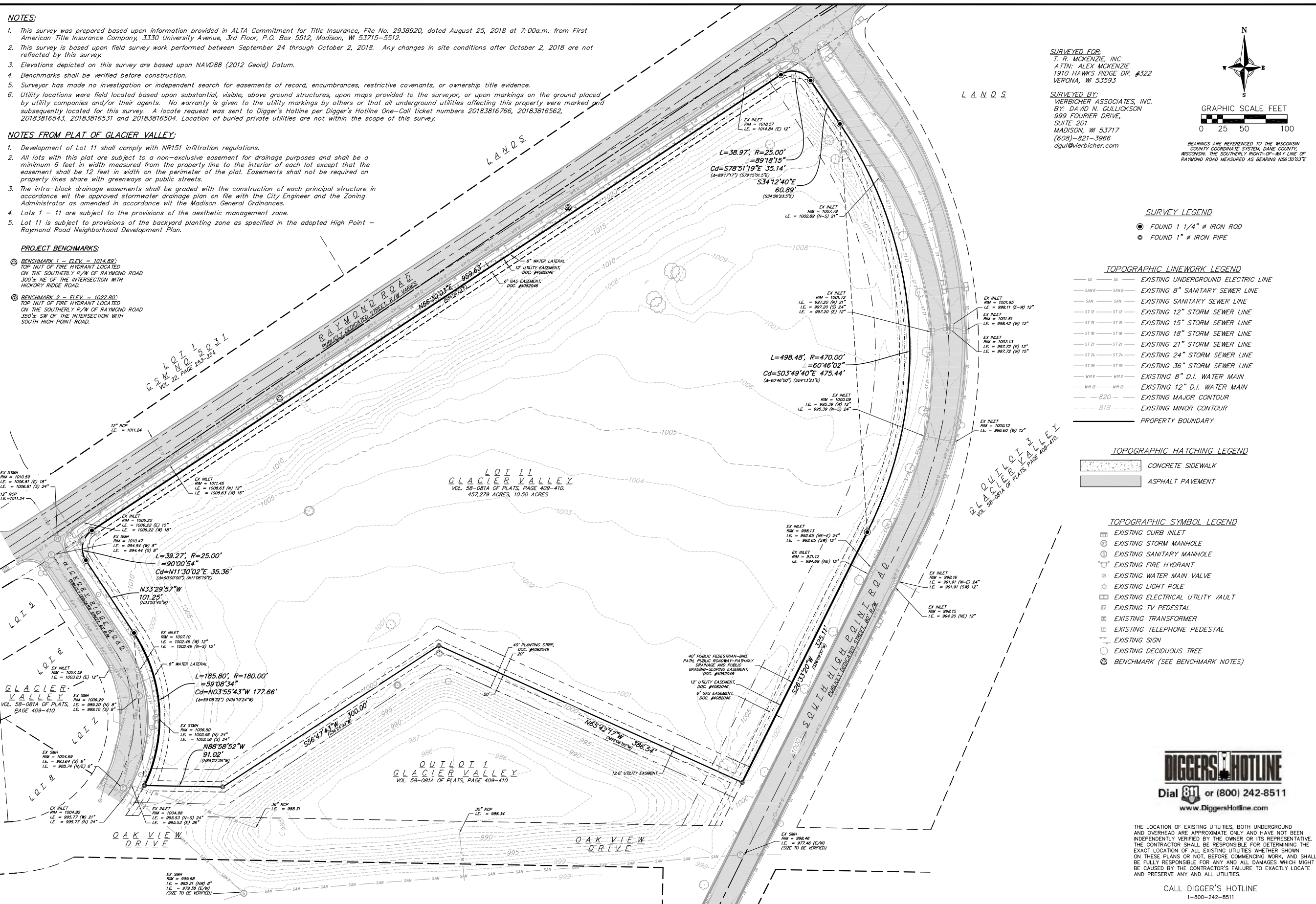
1. This survey was prepared based upon information provided in ALTA Commitment for Title Insurance, File No. 2938920, dated August 25, 2018 at 7:00a.m. from First American Title Insurance Company, 3330 University Avenue, 3rd Floor, P.O. Box 5512, Madison, WI 53715-5512.
2. This survey is based upon field survey work performed between September 24 through October 2, 2018. Any changes in site conditions after October 2, 2018 are not reflected by this survey.
3. Elevations depicted on this survey are based upon NAVD88 (2012 Geoid) Datum.
4. Benchmarks shall be verified before construction.
5. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, or ownership title evidence.
6. Utility locations were field located based upon substantial, visible, above ground structures, upon maps provided to the surveyor, or upon markings on the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by others or that all underground utilities affecting this property were marked and subsequently located for this survey. A locate request was sent to Digger's Hotline per Digger's Hotline One-Call ticket numbers 20183816766, 20183816562, 20183816543, 20183816531 and 20183816504. Location of buried private utilities are not within the scope of this survey.

NOTES FROM PLAT OF GLACIER VALLEY:

1. Development of Lot 11 shall comply with NR151 infiltration regulations.
2. All lots with this plat are subject to a non-exclusive easement for drainage purposes and shall be a minimum 6 feet in width measured from the property line to the interior of each lot except that the easement shall be 12 feet in width on the perimeter of the plat. Easements shall not be required on property lines share with greenways or public streets.
3. The intra-block drainage easements shall be graded with the construction of each principal structure in accordance with the approved stormwater drainage plan on file with the City Engineer and the Zoning Administrator as amended in accordance with the Madison General Ordinances.
4. Lots 1 - 11 are subject to the provisions of the aesthetic management zone.
5. Lot 11 is subject to provisions of the backyard planting zone as specified in the adopted High Point - Raymond Road Neighborhood Development Plan.

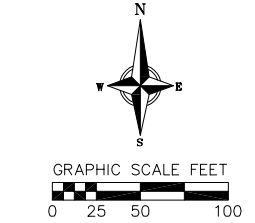
PROJECT BENCHMARKS:

- ① BENCHMARK 1 - ELEV. = 1014.89'; TOP NUT OF FIRE HYDRANT LOCATED ON THE SOUTHERLY R/W OF RAYMOND ROAD 300'± NE OF THE INTERSECTION WITH HICKORY RIDGE ROAD.
- ② BENCHMARK 2 - ELEV. = 1022.80'; TOP NUT OF FIRE HYDRANT LOCATED ON THE SOUTHERLY R/W OF RAYMOND ROAD 350'± SW OF THE INTERSECTION WITH SOUTH HIGH POINT ROAD.



SURVEYED FOR:
T. R. MCKENZIE, INC.
ATTN: ALEX MCKENZIE
1910 HAWKS RIDGE DR. #322
VERONA, WI 53593

SURVEYED BY:
VIERBICHER ASSOCIATES, INC.
BY: DAVID N. GULLICKSON
999 FOURIER DRIVE,
SUITE 201
MADISON, WI 53717
(608)-821-3966
dgul@vierbicher.com



BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, WISCONSIN. THE SOUTHERLY RIGHT-OF-WAY LINE OF RAYMOND ROAD MEASURED AS BEARING N56°30'03\"/>

SURVEY LEGEND

- FOUND 1 1/4" Ø IRON ROD
- FOUND 1" Ø IRON PIPE

TOPOGRAPHIC LINework LEGEND

- EXISTING UNDERGROUND ELECTRIC LINE
- SAN 8 — EXISTING 8" SANITARY SEWER LINE
- SAN — EXISTING SANITARY SEWER LINE
- ST 12 — EXISTING 12" STORM SEWER LINE
- ST 15 — EXISTING 15" STORM SEWER LINE
- ST 18 — EXISTING 18" STORM SEWER LINE
- ST 21 — EXISTING 21" STORM SEWER LINE
- ST 24 — EXISTING 24" STORM SEWER LINE
- ST 36 — EXISTING 36" STORM SEWER LINE
- WM 8 — EXISTING 8" D.I. WATER MAIN
- WM 12 — EXISTING 12" D.I. WATER MAIN
- 820 — EXISTING MAJOR CONTOUR
- 818 — EXISTING MINOR CONTOUR
- — PROPERTY BOUNDARY

TOPOGRAPHIC HATCHING LEGEND

- ▨ CONCRETE SIDEWALK
- ▨ ASPHALT PAVEMENT

TOPOGRAPHIC SYMBOL LEGEND

- ⊞ EXISTING CURB INLET
- ⊙ EXISTING STORM MANHOLE
- ⊙ EXISTING SANITARY MANHOLE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ EXISTING WATER MAIN VALVE
- ⊙ EXISTING LIGHT POLE
- ⊙ EXISTING ELECTRICAL UTILITY VAULT
- ⊙ EXISTING TV PEDESTAL
- ⊙ EXISTING TRANSFORMER
- ⊙ EXISTING TELEPHONE PEDESTAL
- ⊙ EXISTING SIGN
- ⊙ EXISTING DECIDUOUS TREE
- ⊙ BENCHMARK (SEE BENCHMARK NOTES)

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

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

CALL DIGGER'S HOTLINE
1-800-242-8511

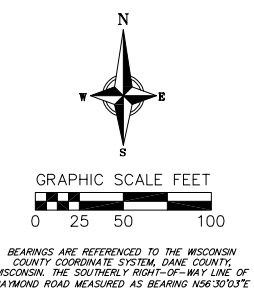
Existing Conditions
Lot 11 Glacier Valley
City of Madison
Dane County, Wisconsin

REVISIONS	NO.	DATE	REMARKS

SCALE AS SHOWN
DATE 03/20/2019
DRAFTER DGUL
CHECKED MMR
PROJECT NO. 180287
SHEET 1 OF 4
DWG. NO. C-1.0

19 Mar 2019 - 1:55p M:\TR\McKenzie\180287_7801 Raymond Rd, Madison\CADD\180287_Existing Conditions.dwg by:jzam

PROJECT BENCHMARKS:
 BENCHMARK 1 - ELEV. = 1014.89';
 TOP NUT OF FIRE HYDRANT LOCATED
 ON THE SOUTHERLY R/W OF RAYMOND ROAD
 300'± NE OF THE INTERSECTION WITH
 HICKORY RIDGE ROAD.
 BENCHMARK 2 - ELEV. = 1022.80';
 TOP NUT OF FIRE HYDRANT LOCATED
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 350'± SW OF THE INTERSECTION WITH
 SOUTH HIGH POINT ROAD.



SURVEY LEGEND

- FOUND 1 1/4" Ø IRON ROD
- FOUND 1" Ø IRON PIPE

TOPOGRAPHIC LINework LEGEND

- UE — UE — EXISTING UNDERGROUND ELECTRIC LINE
- SAN 8 — SAN 8 — EXISTING 8" SANITARY SEWER LINE
- SAN — SAN — EXISTING SANITARY SEWER LINE
- ST 12 — ST 12 — EXISTING 12" STORM SEWER LINE
- ST 15 — ST 15 — EXISTING 15" STORM SEWER LINE
- ST 18 — ST 18 — EXISTING 18" STORM SEWER LINE
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- WM 8 — WM 8 — EXISTING 8" D.I. WATER MAIN
- WM 12 — WM 12 — EXISTING 12" D.I. WATER MAIN
- 820 — 820 — EXISTING MAJOR CONTOUR
- 818 — 818 — EXISTING MINOR CONTOUR
- — — — — PROPERTY BOUNDARY

TOPOGRAPHIC HATCHING LEGEND

- [Hatched Box] CONCRETE SIDEWALK
- [Hatched Box] ASPHALT PAVEMENT

TOPOGRAPHIC SYMBOL LEGEND

- [Symbol] EXISTING CURB INLET
- [Symbol] EXISTING STORM MANHOLE
- [Symbol] EXISTING SANITARY MANHOLE
- [Symbol] EXISTING FIRE HYDRANT
- [Symbol] EXISTING WATER MAIN VALVE
- [Symbol] EXISTING LIGHT POLE
- [Symbol] EXISTING ELECTRICAL UTILITY VAULT
- [Symbol] EXISTING TV PEDESTAL
- [Symbol] EXISTING TRANSFORMER
- [Symbol] EXISTING TELEPHONE PEDESTAL
- [Symbol] EXISTING SIGN
- [Symbol] EXISTING DECIDUOUS TREE
- [Symbol] BENCHMARK (SEE BENCHMARK NOTES)

DEMOLITION PLAN LEGEND

- [X] TREE REMOVAL
- [Cross-hatched Box] SAWCUT
- [Diagonal-hatched Box] ASPHALT REMOVAL
- [Dotted-hatched Box] CONCRETE REMOVAL
- [Dashed Line] SAWCUT
- [X in Circle] UTILITY STRUCTURE REMOVAL
- [X in Square] UTILITY LINE REMOVAL

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

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

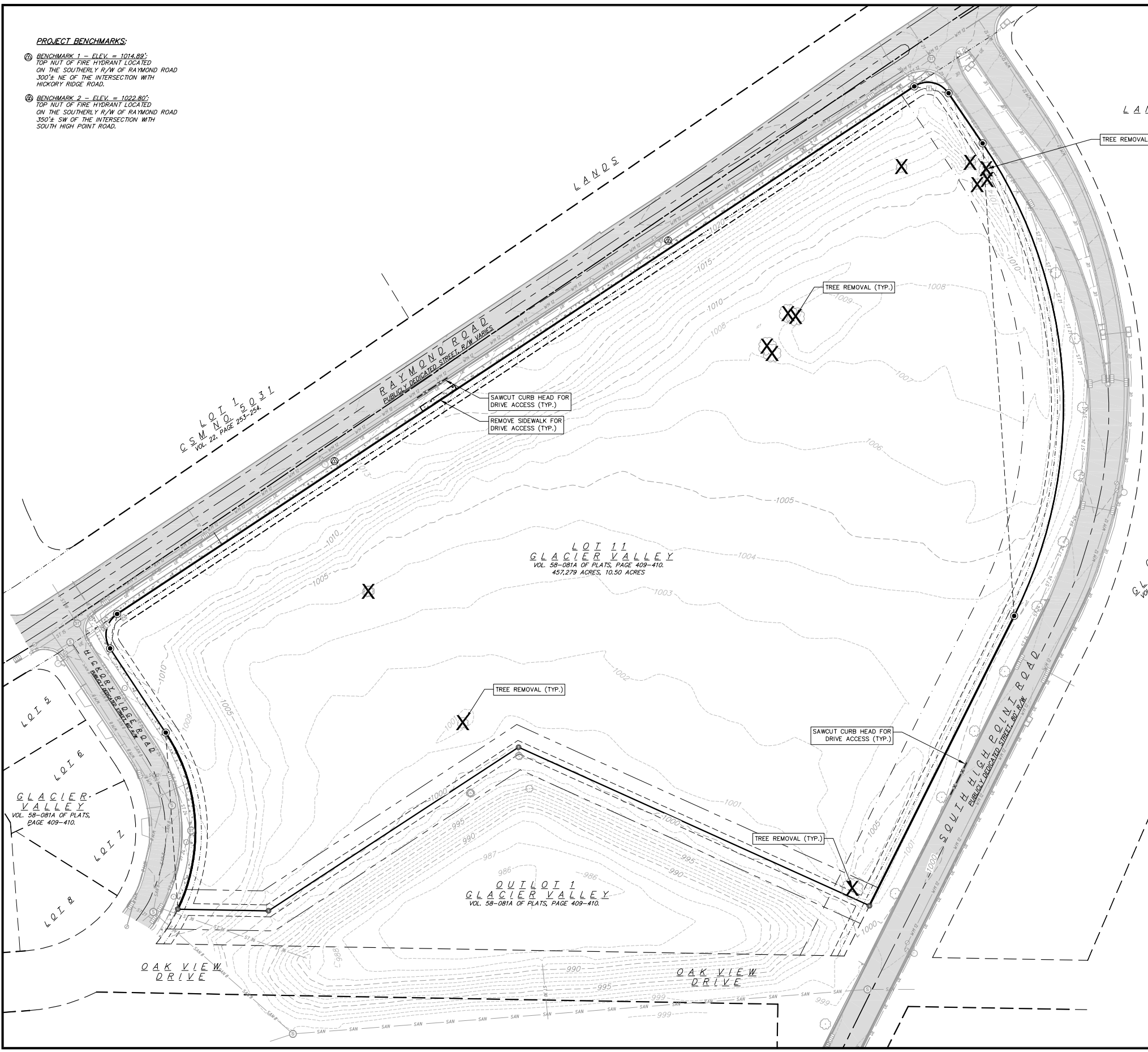
CALL DIGGER'S HOTLINE
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 Phone: (608) 261-3898

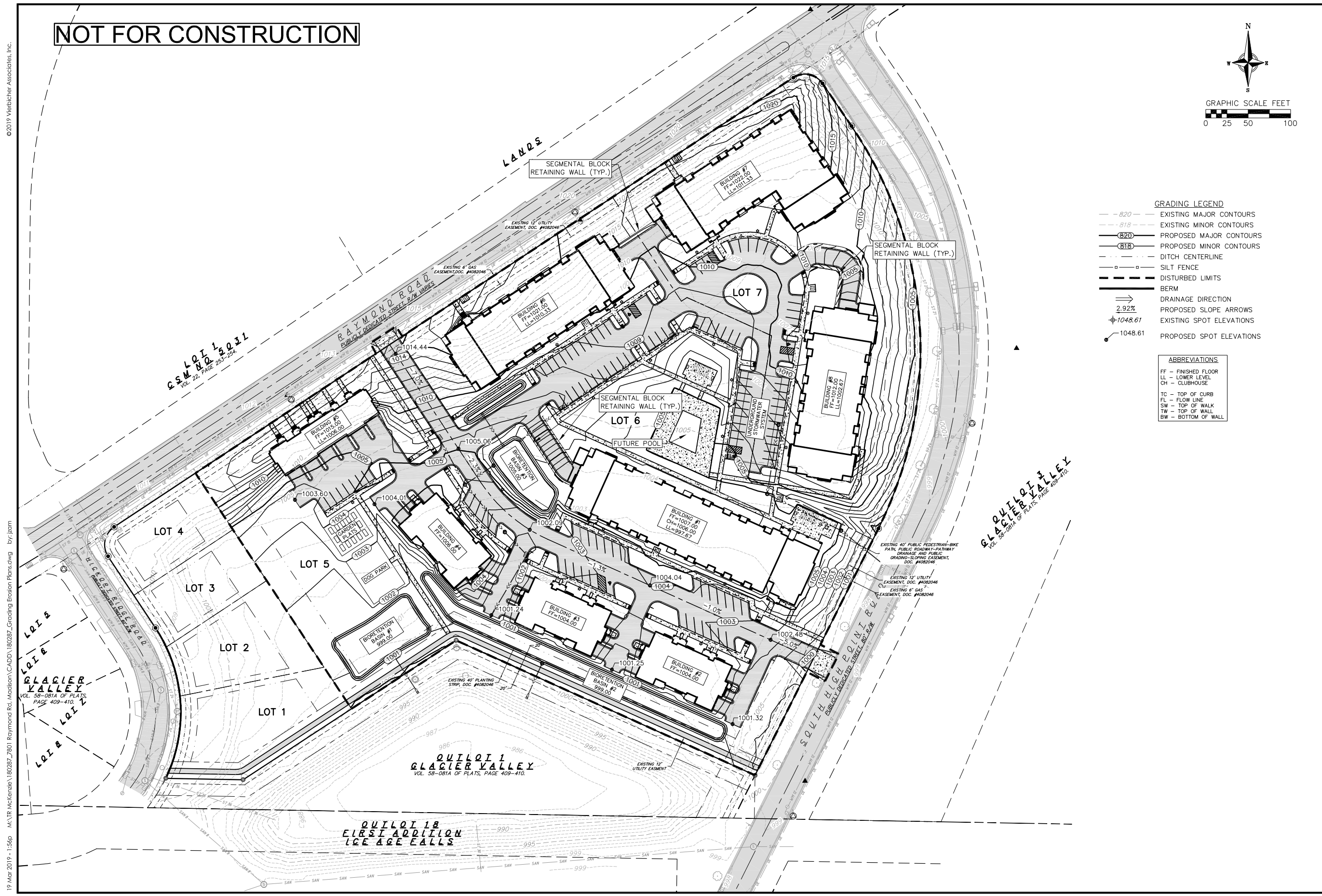
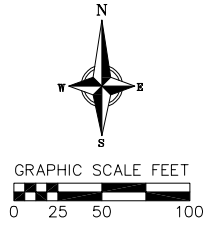
Demolition Plan
 The Esker Apartments
 City of Madison
 Dane County, Wisconsin

REVISIONS	NO.	DATE	REMARKS

SCALE	AS SHOWN
DATE	03/20/2019
DRAFTER	JZAM
CHECKED	RKOL
PROJECT NO.	180287
SHEET	2 OF 4
DWG. NO.	C-1.1



NOT FOR CONSTRUCTION



- GRADING LEGEND**
- - 820 - - EXISTING MAJOR CONTOURS
 - - 819 - - EXISTING MINOR CONTOURS
 - 820 — PROPOSED MAJOR CONTOURS
 - 819 — PROPOSED MINOR CONTOURS
 - - - - - DITCH CENTERLINE
 - o — o — SILT FENCE
 - - - - - DISTURBED LIMITS
 - — — — — BERM
 - ⇒ DRAINAGE DIRECTION
 - 2.92% PROPOSED SLOPE ARROWS
 - ⊕ 1048.61 EXISTING SPOT ELEVATIONS
 - ⊕ 1048.61 PROPOSED SPOT ELEVATIONS

- ABBREVIATIONS**
- FF - FINISHED FLOOR
 - LL - LOWER LEVEL
 - CH - CLUBHOUSE
 - TC - TOP OF CURB
 - FL - FLOW LINE
 - SW - TOP OF WALK
 - TW - TOP OF WALL
 - BW - BOTTOM OF WALL



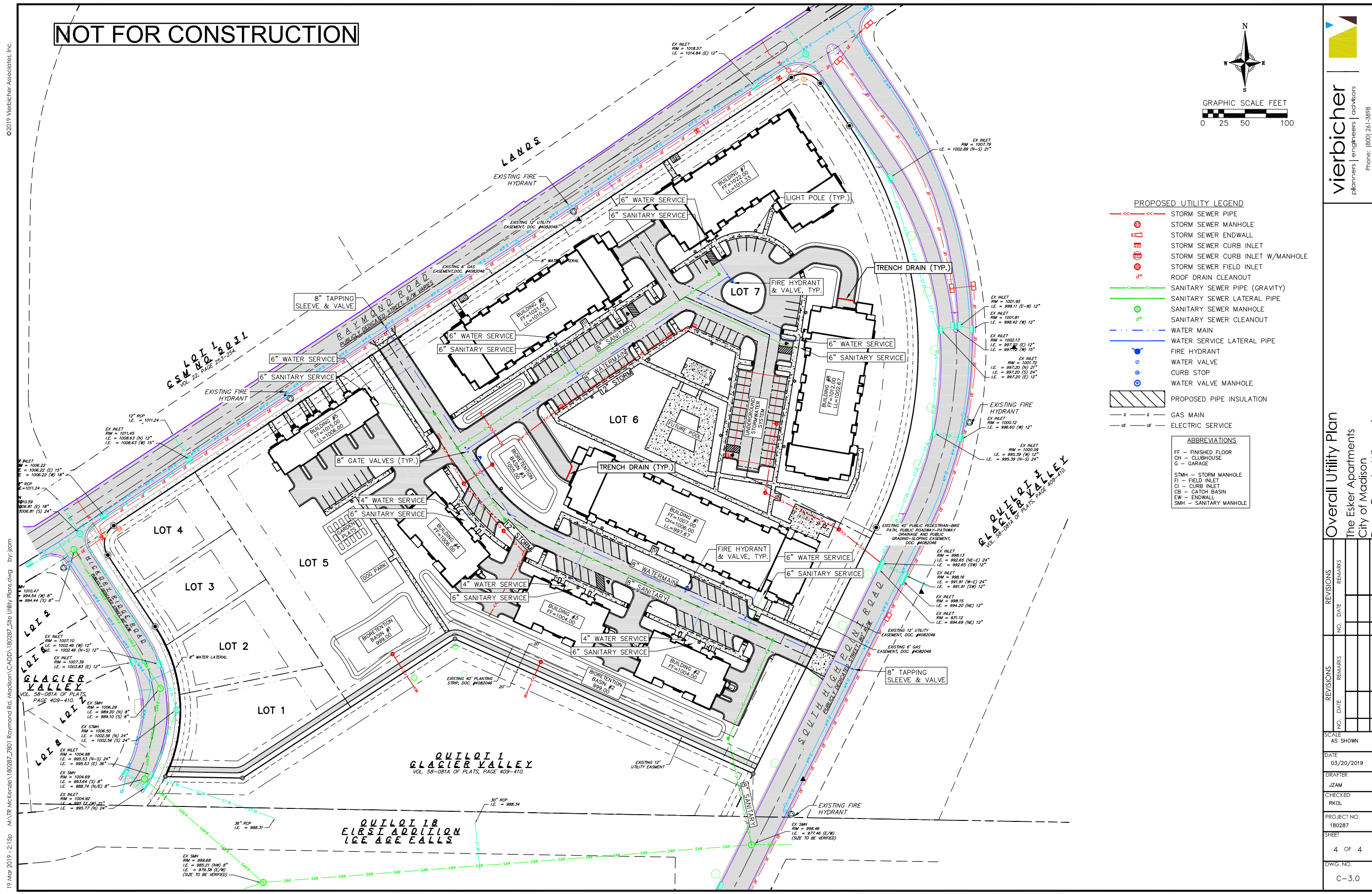
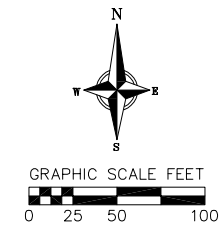
Overall Grading Plan
 The Esker Apartments
 City of Madison
 Dane County, Wisconsin

REVISIONS	NO.	DATE	REMARKS

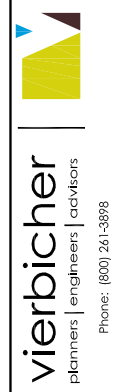
SCALE AS SHOWN
 DATE 03/20/2019
 DRAFTER JZAM
 CHECKED RKOL
 PROJECT NO. 180287
 SHEET 3 OF 4
 DWG. NO. C-2.0

19 Mar 2019 - 1:56p M:\TR Mckenzie\180287_7801 Raymond Rd, Madison\CADD\180287_Grading Erosion Plans.dwg by jzam
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NOT FOR CONSTRUCTION



- PROPOSED UTILITY LEGEND**
- STORM SEWER PIPE
 - STORM SEWER MANHOLE
 - STORM SEWER ENDWALL
 - STORM SEWER CURB INLET
 - STORM SEWER CURB INLET W/MANHOLE
 - STORM SEWER FIELD INLET
 - ROOF DRAIN CLEANOUT
 - SANITARY SEWER PIPE (GRAVITY)
 - SANITARY SEWER LATERAL PIPE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER CLEANOUT
 - WATER MAIN
 - WATER SERVICE LATERAL PIPE
 - FIRE HYDRANT
 - WATER VALVE
 - CURB STOP
 - WATER VALVE MANHOLE
 - PROPOSED PIPE INSULATION
 - GAS MAIN
 - ELECTRIC SERVICE
- ABBREVIATIONS**
- FF - FINISHED FLOOR
 - CH - CLUBHOUSE
 - G - GARAGE
 - STMH - STORM MANHOLE
 - FI - FIELD INLET
 - CI - CURB INLET
 - CB - CATCH BASIN
 - EW - ENDWALL
 - SMH - SANITARY MANHOLE



Overall Utility Plan
The Esker Apartments
City of Madison
Dane County, Wisconsin

REVISIONS	NO.	DATE	REMARKS

SCALE: AS SHOWN

DATE: 03/20/2019

DRAFTER: JZAM

CHECKED: RKOL

PROJECT NO.: 180287

SHEET: 4 OF 4

DWG. NO.: C-3.0

19 Mar 2019 - 2:15p M:\TR Mckenzie\180287_7801 Raymond Rd, Madison\CADD\180287_Site Utility Plans.dwg by: jzam

Key	Qty	Botanical Name	Common Name	Size/Condition
Trees				
AFJ	14	Acer x freemanii 'Jeffersred'	AUTUMN PLAZE MAPLE	25 in BB
ArF	1	Acer rubrum 'Frank.J'	RED POINTE RED MAPLE	25 in BB
DpW	5	Betula populifolia 'Whitespire'	WHITESPIRE BIRCH CLUMP	10 ft BB
Co	6	Celtis occidentalis	HACKBERRY	25 in BB
CaD	6	Gymnocladus dioica 'Decaf'	DECAF KENTUCKY COFFEE TREE	25 in BB
Grv	9	Quercus triacanthos var. 'normis' 'Suncoke'	SUNBURST HONEYLOCUST	25 in BB
MJ	8	Malus 'Lowdole'	RED JEWEL CRABAPPLE	15 in BB
MP	15	Malus 'Prairifire'	PEAKFIRE CRABAPPLE	15 in BB
PoC	5	Pyrus calleryana 'Cleveland Select'	CLEVELAND SELECT PEAR	15 in BB
Ob	2	Quercus bicolor	SWAMP WHITE OAK	25 in BB
OmC	5	Quercus x macdonaldii 'Clonans'	HERITAGE OAK	25 in BB
SH	6	Syringa reticulata ' Ivory Silk'	IVORY SILK JAPANESE TREE LILAC (17)	15 in BB
TaM	6	Tilia americana 'McSentry'	AMERICAN SENTRY LINDEN	25 in BB
Conifers				
JcK	37	Juniperus chinensis 'Kalan's Compact'	KALLAY'S COMPACT JUNIPER	#5 CG
PaD	9	Picea glauca densata	BLACK HILLS SPRUCE	5 ft BB
PpG	14	Picea pungens 'Glauc'	BLUE COLORADO SPRUCE	5 ft BB
Ps	15	Pinus strobus	EASTERN WHITE PINE	6 ft BB
TnT	35	Taxus x media 'Tauntont'	TAUNTON YEW	#5 CG
ToT	17	Thuja occidentalis 'Techny'	TECHNY ARBORVITAE	4 ft BB
Shrubs				
AmM	17	Aronia melanocarpa 'Morton'	ROQUOIS BEAUTY CHOKEBERRY	#5 CG
CaA	21	Cornus alba 'Aronia-Margonata'	EUROPEAN VAREGATED DOGWOOD	#5 CG
HpJ	46	Hydrangea paniculata 'Lim'	LITTLE LIME HYDRANGEA	#5 CG
Pos	38	Physocarpus opulifolius 'Seward'	SUMMER WINE NINEBARK	#5 CG
Ra	36	Ribes alpinum	ALPINE CURRANT	#5 CG
RaG	34	Rhus aromatica 'Gro-Low'	GRO-LOW SUMAC	#5 CG
SF	128	Spiraea japonica 'Plumosa Mound'	PLUMING MOUND SPIREA	#5 CG
SpM	16	Syringa patula 'Miss Kim'	MISS KIM LILAC	#5 CG
VaC	15	Viburnum dentatum 'Christoni'	BLUE MUFFIN VIBURNUM	#5 CG
WtB	64	Wegelia florida 'Bokraspf'	SPLLED WINE WEIGELA	#5 CG

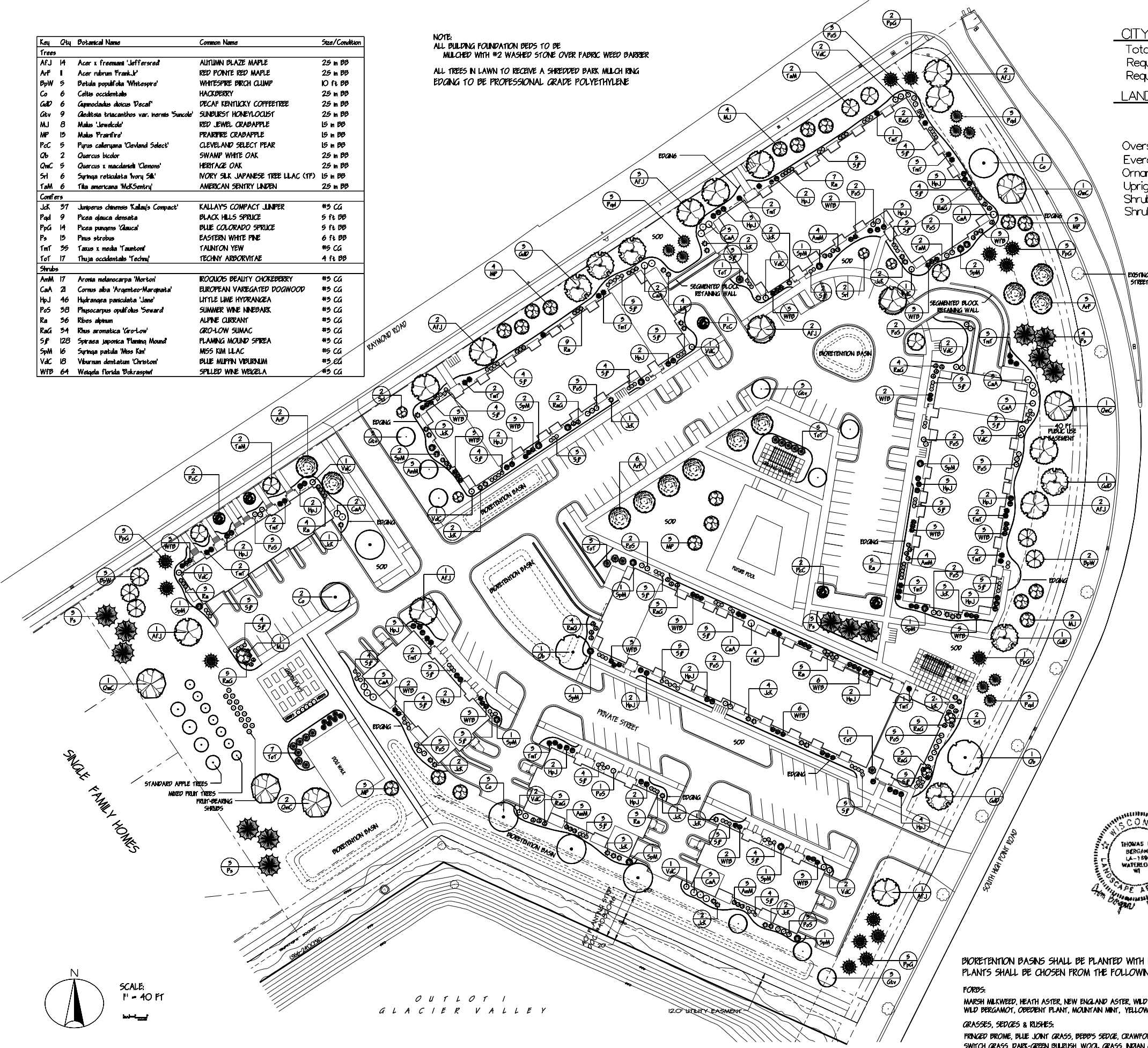
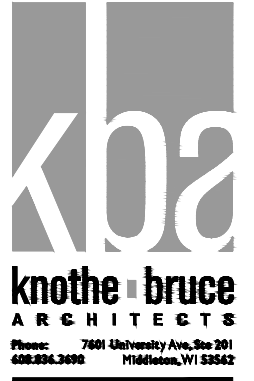
NOTE:
 ALL BUILDING FOUNDATION BEDS TO BE
 MULCHED WITH #2 WASHED STONE OVER FABRIC WEED BARRIER
 ALL TREES IN LAWN TO RECEIVE A SHREDDED BARK MULCH RING
 EDGING TO BE PROFESSIONAL GRADE POLYETHYLENE

CITY OF MADISON LANDSCAPING REQUIREMENTS

Total developed square footage 184,982
 Required landscape units (Total/300 sq ft) 617
 Required landscape points (Units X 5 pts) 3085

LANDSCAPE POINTS CALCULATION

PLANT TYPE (MINIMUM SIZE)	NEW/ PROPOSED	
	PONT VALUE	POINTS ACHIEVED
Overstory deciduous trees (2.5' caliper)	35	64
Evergreen trees (5' tall)	35	36
Ornamental tree (1.5' caliper)	15	32
Upright evergreen shrub (3-4' tall)	10	17
Shrub, deciduous	3	418
Shrub, evergreen	4	72
TOTAL		5692



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 Issued fro Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

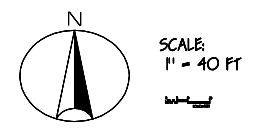
2801 Hickory Ridge Rd.
 SHEET TITLE
Landscape Plan

SHEET NUMBER
L-1.0
 PROJECT NO. **1855**
 © Knothe & Bruce Architects, LLC

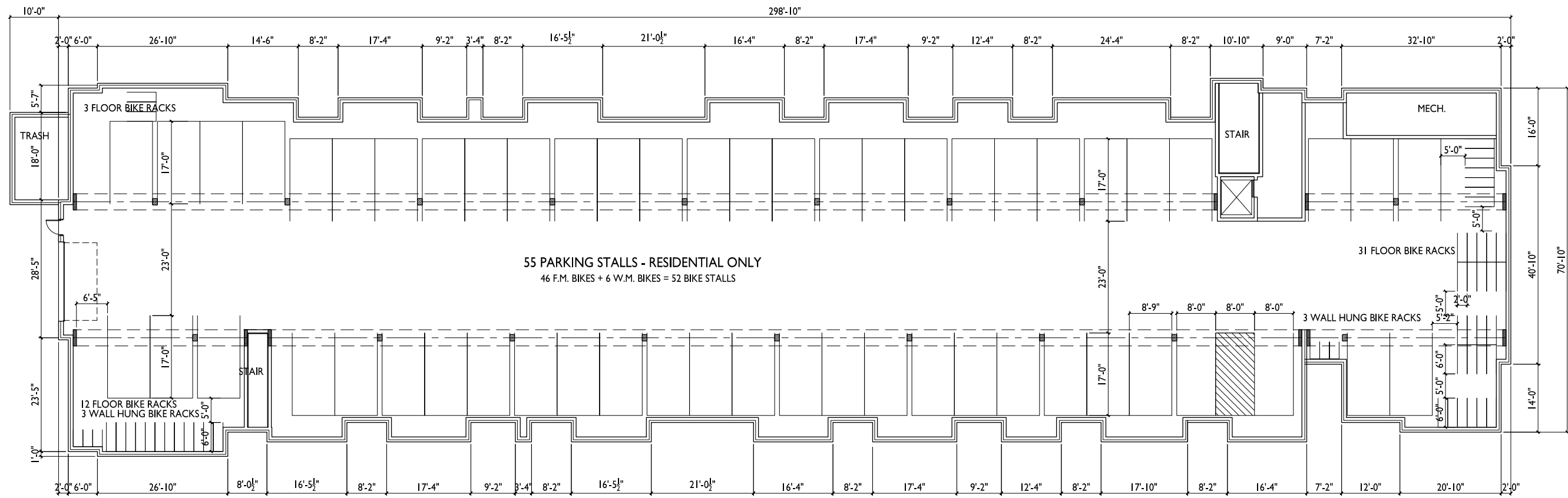
BIORETENTION BASINS SHALL BE PLANTED WITH NATIVE PLANT PLUGS AT A SPACING OF ONE PLANT PER SQUARE FOOT. PLANTS SHALL BE CHOSEN FROM THE FOLLOWING LIST WITH AN ABSOLUTE MINIMUM OF 15 SPECIES OF FORBS AND 5 SPECIES OF GRASSES, SEDGES OR RUSHES.

FORBS:
 MARSH MILKWEED, HEATH ASTER, NEW ENGLAND ASTER, WILD WHITE INDIGO, SPOTTED JOE PYE WEED, BONESET, PRAIRIE BLAZING STAR, MARSH BLAZING STAR, CARDINAL FLOWER, GREAT BLUE LOBELIA, WILD BERGAMOT, OBEDIENT PLANT, MOUNTAIN MINT, YELLOW CONEFLOWER, BLACK-EYED SUSAN, SWEET BLACK-EYED SUSAN, OHIO GOLDENROD, SPIDERWORT, BLUE VERVAIN, RANUNCULUS

GRASSES, SEDGES & RUSHES:
 FRINGED BRONE, BLUE JOINT GRASS, PEBB'S SEDGE, CRAWFORD'S SEDGE, FRINGED SEDGE, BROWN FOX SEDGE, COMMON FOX SEDGE, CANADA WILD RYE, VIRGINIA WILD RYE, REED MANNA GRASS, SWITCH GRASS, DARK-GREEN BULLRUSH, WOOL GRASS, INDIAN GRASS, PRAIRIE CORN GRASS



OUTLOT 1
 GLACIER VALLEY
 120' WILLY BASHMENT



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PROJECT TITLE
Esker Apartments

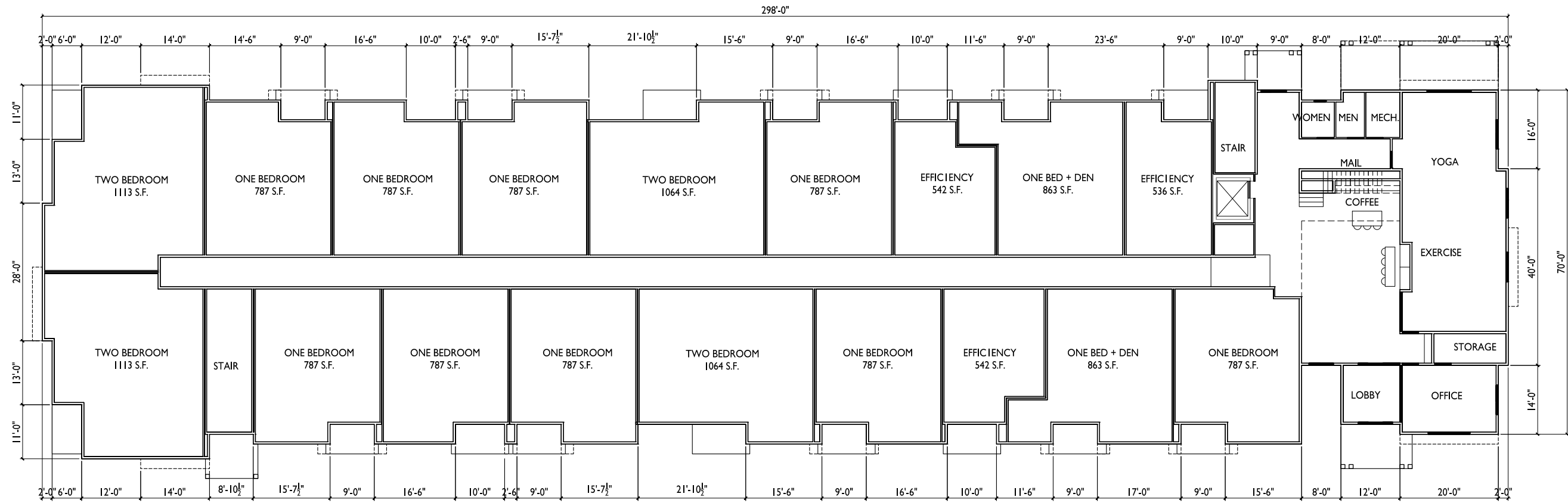
2801 Hickory Ridge Rd.
 SHEET TITLE
**Building I-
 Basement Floor
 Plan**

SHEET NUMBER

A-1.0
 PROJECT NO. **1855**
 © Knothe & Bruce Architects, LLC

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





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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
**Building I-
 First Floor Plan**

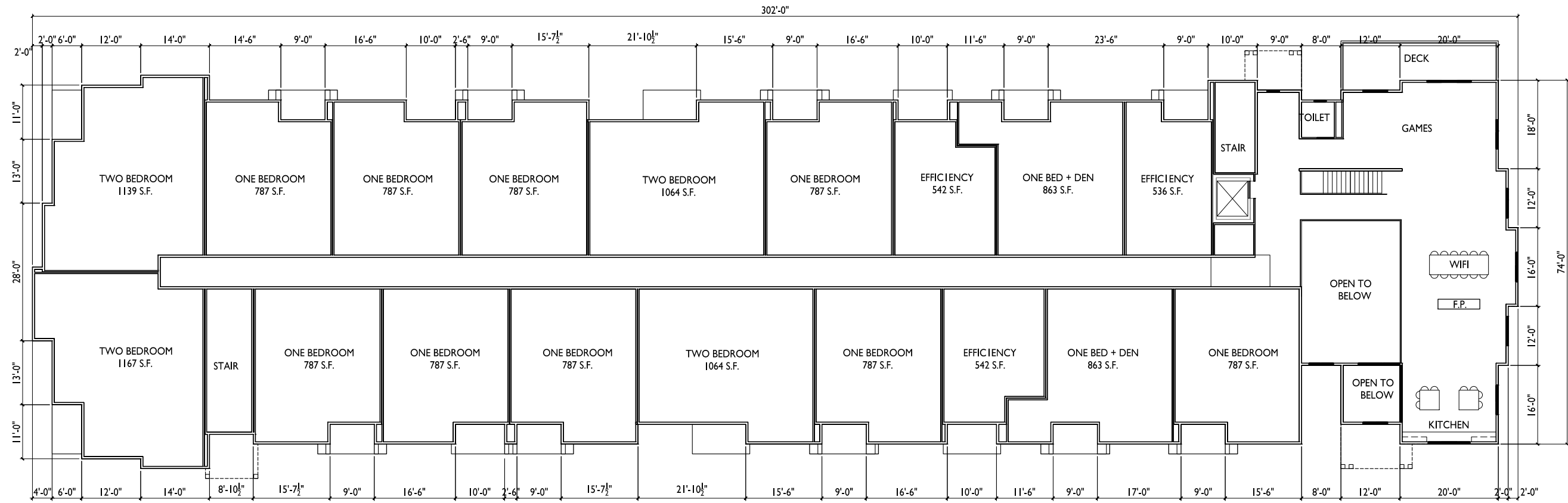
1 FIRST FLOOR PLAN - BLDG I
 A-1.1 3/32" = 1'-0"



SHEET NUMBER

A-1.1

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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
**Building I-
 Second Floor Plan**

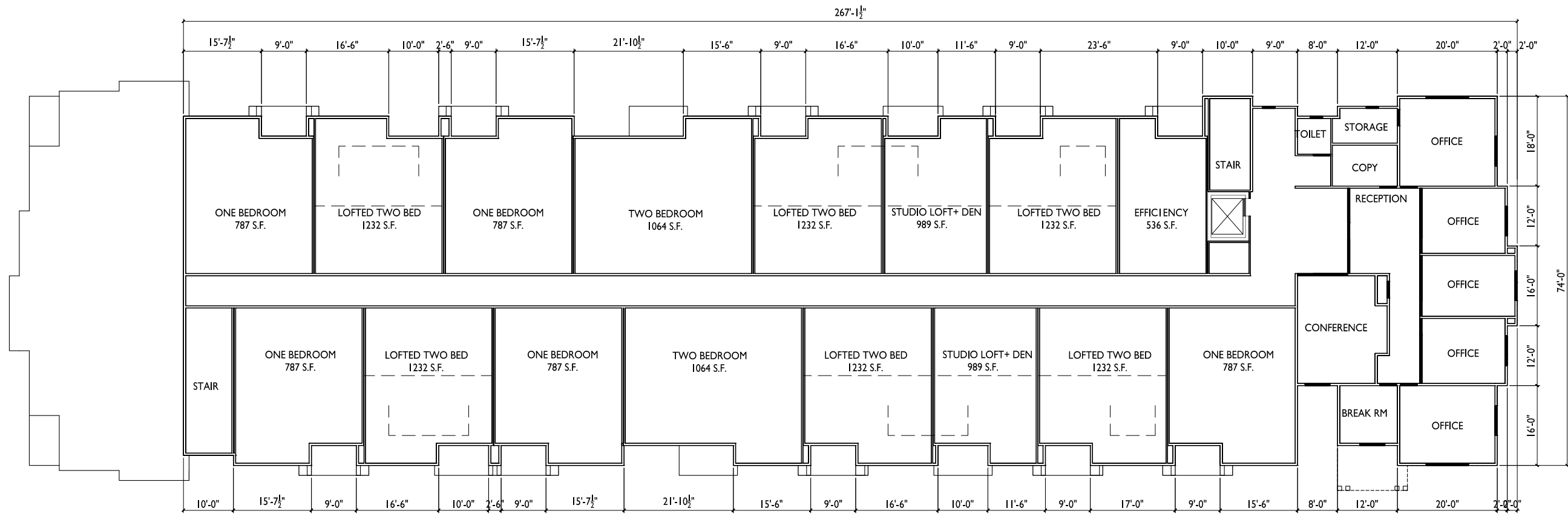
1
 A-1.2
 3/32" = 1'-0"



SHEET NUMBER

A-1.2

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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
**Building I-
Third Floor Plan**

1
A-1.3
THIRD FLOOR PLAN - BLDG I
3/32" = 1'-0"



SHEET NUMBER

A-1.3

PROJECT NO. **1855**
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1
A-2.1
 SOUTHWEST FRONT ELEVATION - BLDG 1
 3/32" = 1'-0"

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2
A-21
 SOUTHEAST ELEVATION - BLDG 1
 3/32" = 1'-0"

PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEEED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
 SHEET TITLE
**Building 1-
 Elevations**

SHEET NUMBER

A-2.1



1
A-2.2
3/32" = 1'-0"

**NORTHEAST
REAR ELEVATION - BLDG I**



2
A-2.2
3/32" = 1'-0"

NORTHWEST ELEVATION - BLDG I

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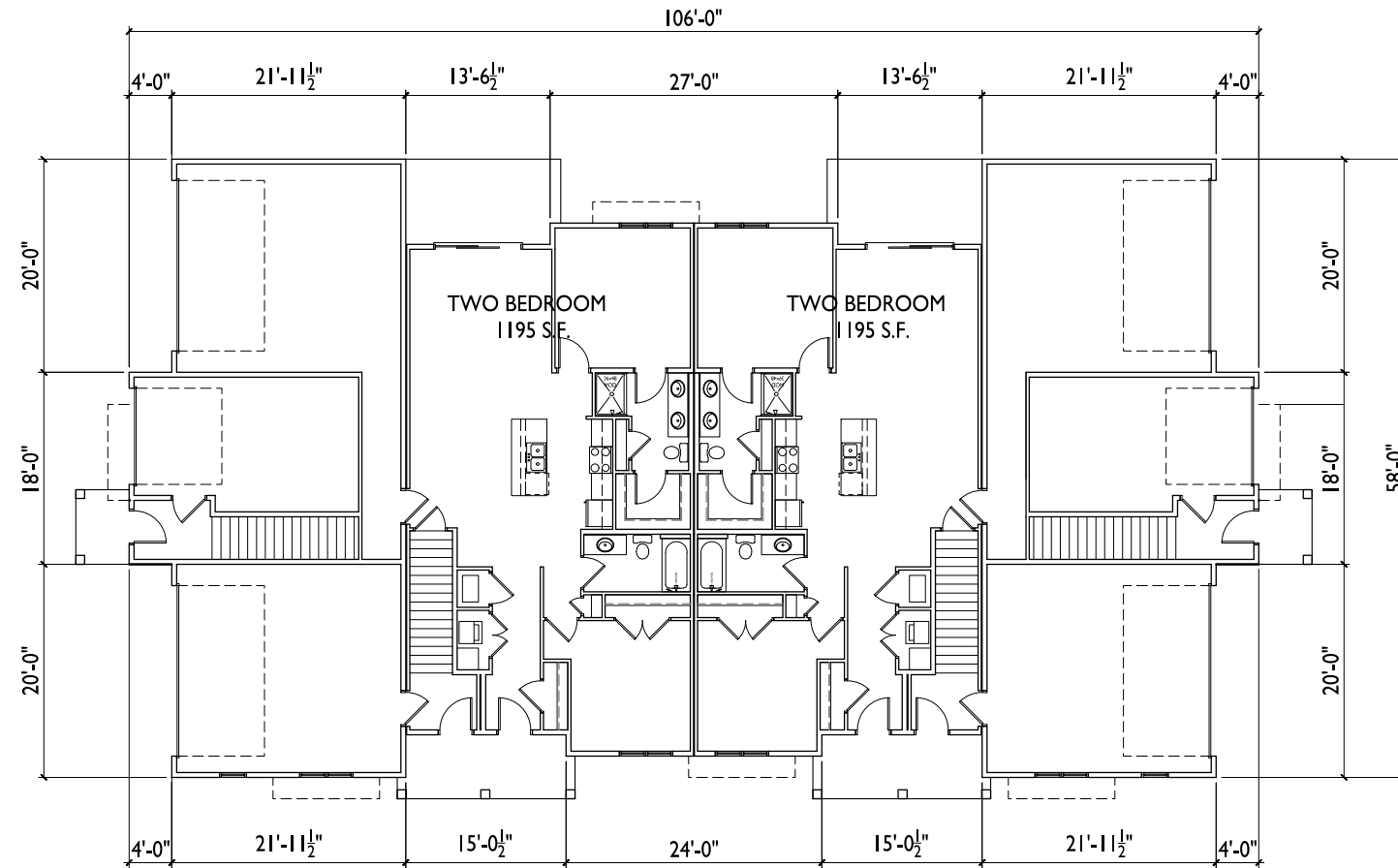
PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEE - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
SHEET TITLE
**Building I-
Elevations**

SHEET NUMBER

A-2.2

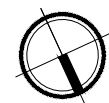


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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Buildings 2-4
First Floor Plan

FIRST FLOOR PLAN - BLDGS 2-4
 A-1.1 1/8" = 1'-0"



SHEET NUMBER

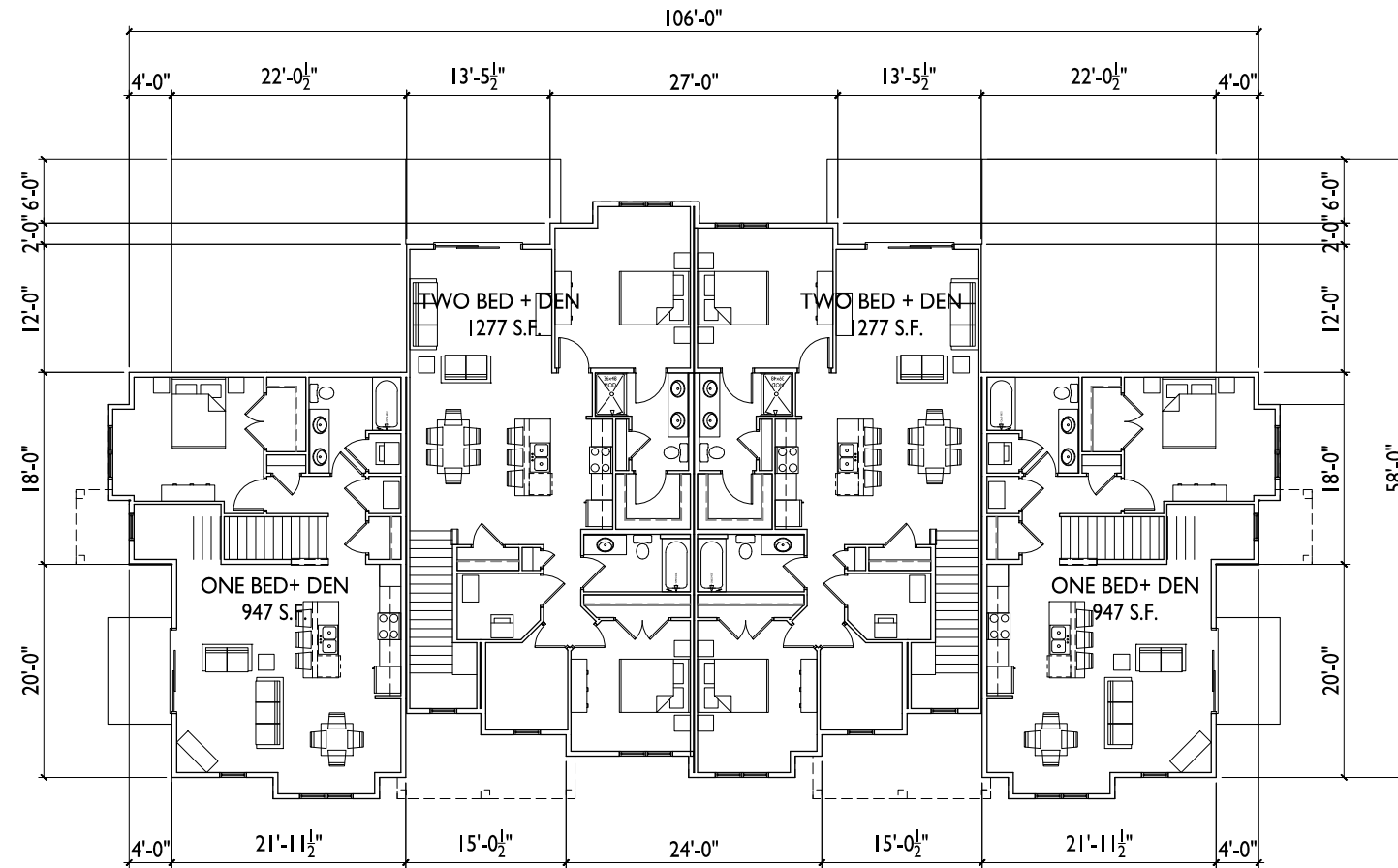
A-1.1

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knothe · bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.936.3690 Middleton, WI 53542



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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Buildings 2-4
Second Floor Plan

1 SECOND FLOOR PLAN - BLDGS 2-4
A-1.2 1/8" = 1'-0"



SHEET NUMBER

A-1.2

PROJECT NO. **1855**
© Knothe & Bruce Architects, LLC



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM. WRAPPED FASCIA
- STANDING SEAM METAL ROOF
- COMPOSITE TRIM
- VINYL SIDING
- ALUMINUM RAILING
- COMPOSITE SIDING
- VINYL WINDOWS
- COMPOSITE WRAPPED COLUMNS & TRIM
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

1 FRONT ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"



2 SIDE ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"



3 REAR ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	MASTIC - RUGGED CANYON
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - COBBLESTONE
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - COBBLESTONE
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	STAINED FIBERGLASS

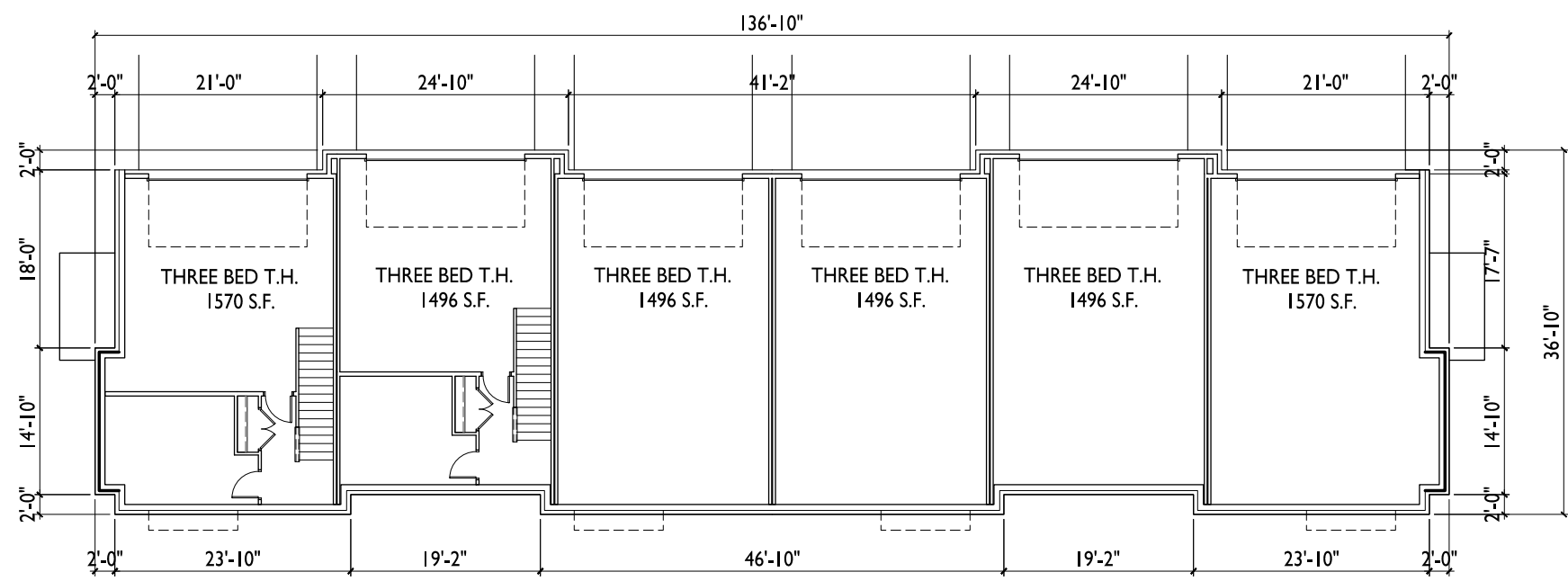
ISSUED
Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Buildings 2-4 Elevations

SHEET NUMBER

A-2.1



ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 5
Basement Floor
Plan

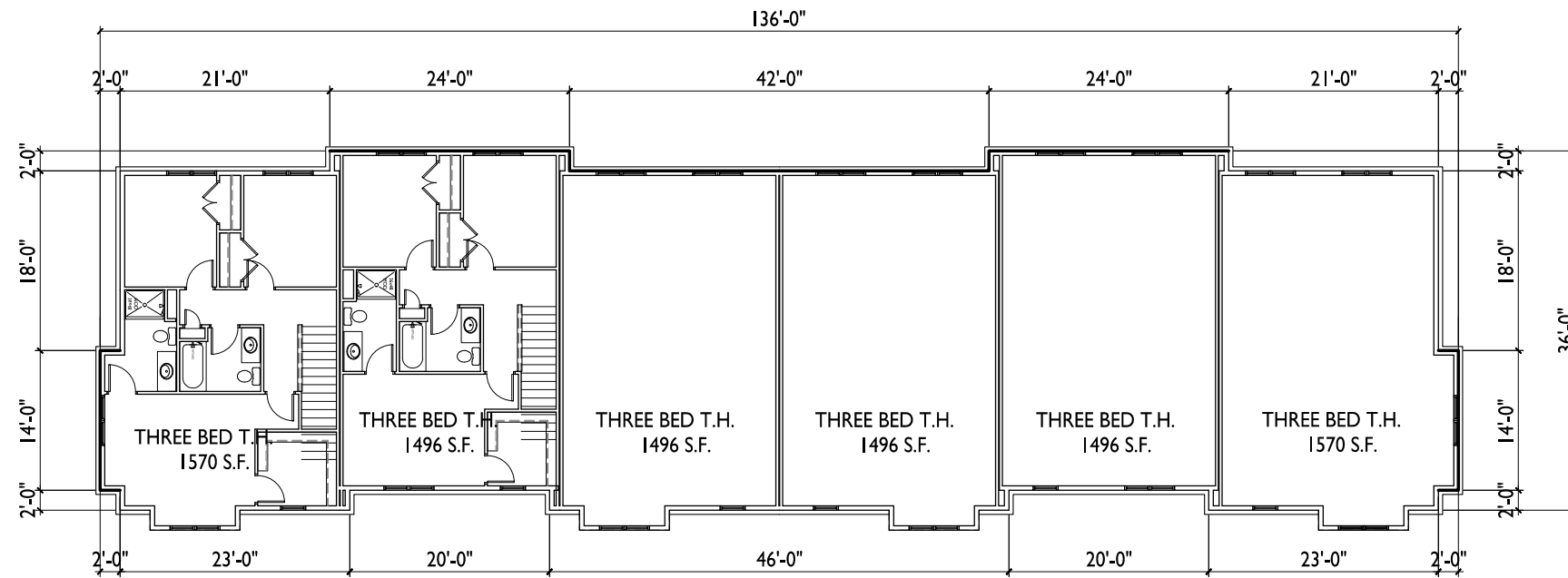
BASEMENT FLOOR PLAN - BLDG 5
 A-1.0 1/8" = 1'-0"



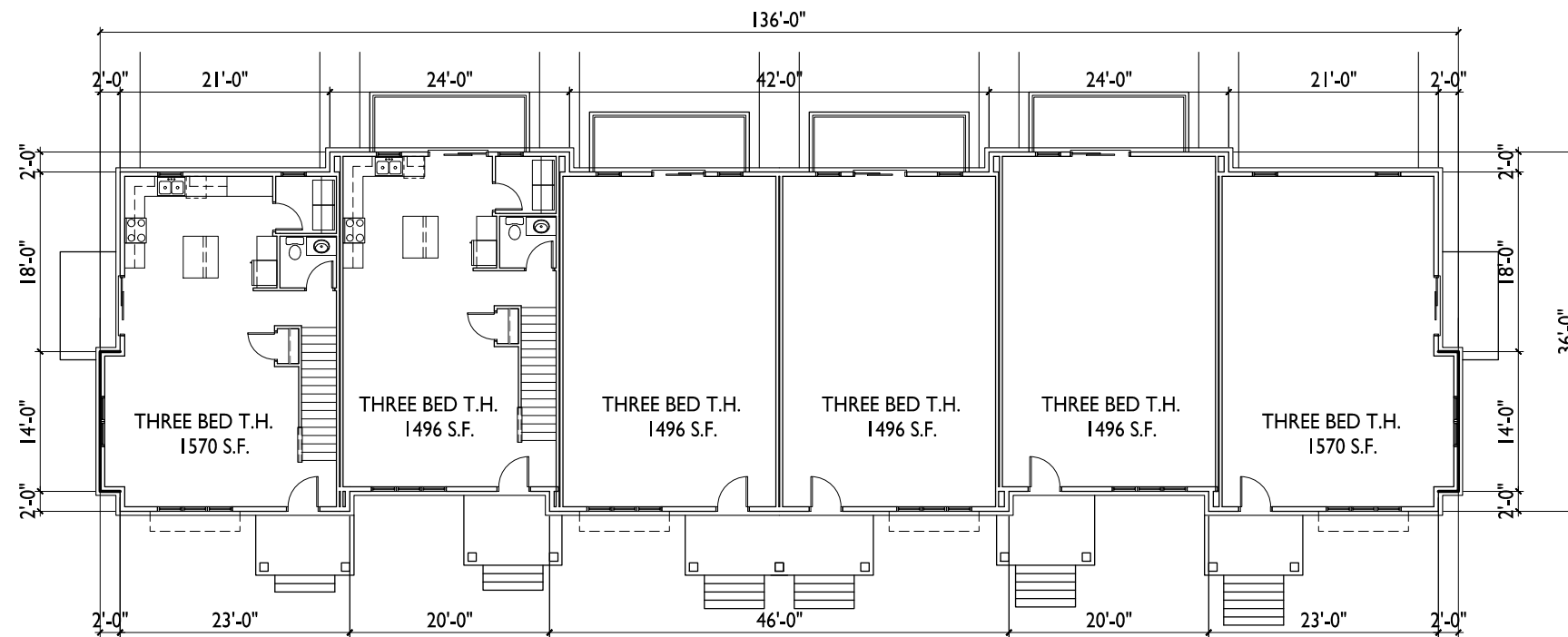
SHEET NUMBER

A-1.0

PROJECT NO. **1855**
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2 SECOND FLOOR PLAN - BLDG 5
A-1.1 1/8" = 1'-0"



1 FIRST FLOOR PLAN - BLDG 5
A-1.1 1/8" = 1'-0"



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM. WRAPPED FASCIA
- STANDING SEAM METAL ROOF
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- VINYL WINDOWS
- ALUMINUM RAILING
- CAST STONE BANDS HEADS & SILLS
- COMPOSITE WRAPPED COLUMNS & TRIM
- BRICK VENEER

1
A-2.1
1/8" = 1'-0"

**NORTHWEST ELEVATION
ALONG RAYMOND RD. - BLDG 5**

ISSUED
Issued for Land Use & UDC: March 20, 2019



2
A-2.1
1/8" = 1'-0"

END ELEVATION - BLDG 5

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	MASTIC - RUGGED CANYON
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - COBBLESTONE
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - COBBLESTONE
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	STAINED FIBERGLASS

PROJECT TITLE
Esker Apartments



3
A-2.1
1/8" = 1'-0"

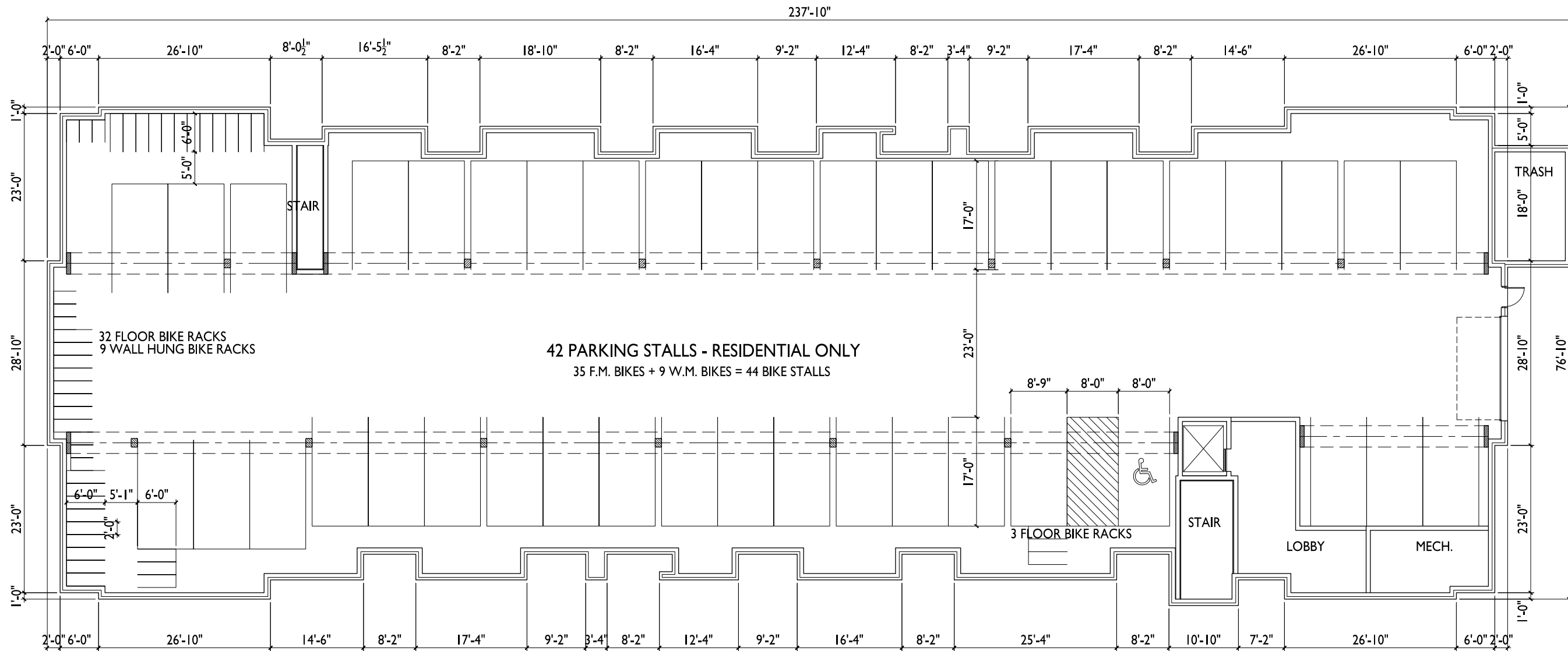
**SOUTHWEST
REAR ELEVATION - BLDG 5**

2801 Hickory Ridge Rd.
SHEET TITLE
**Building 5
Elevations**

SHEET NUMBER

A-2.1

PROJECT NO. **1855**
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ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

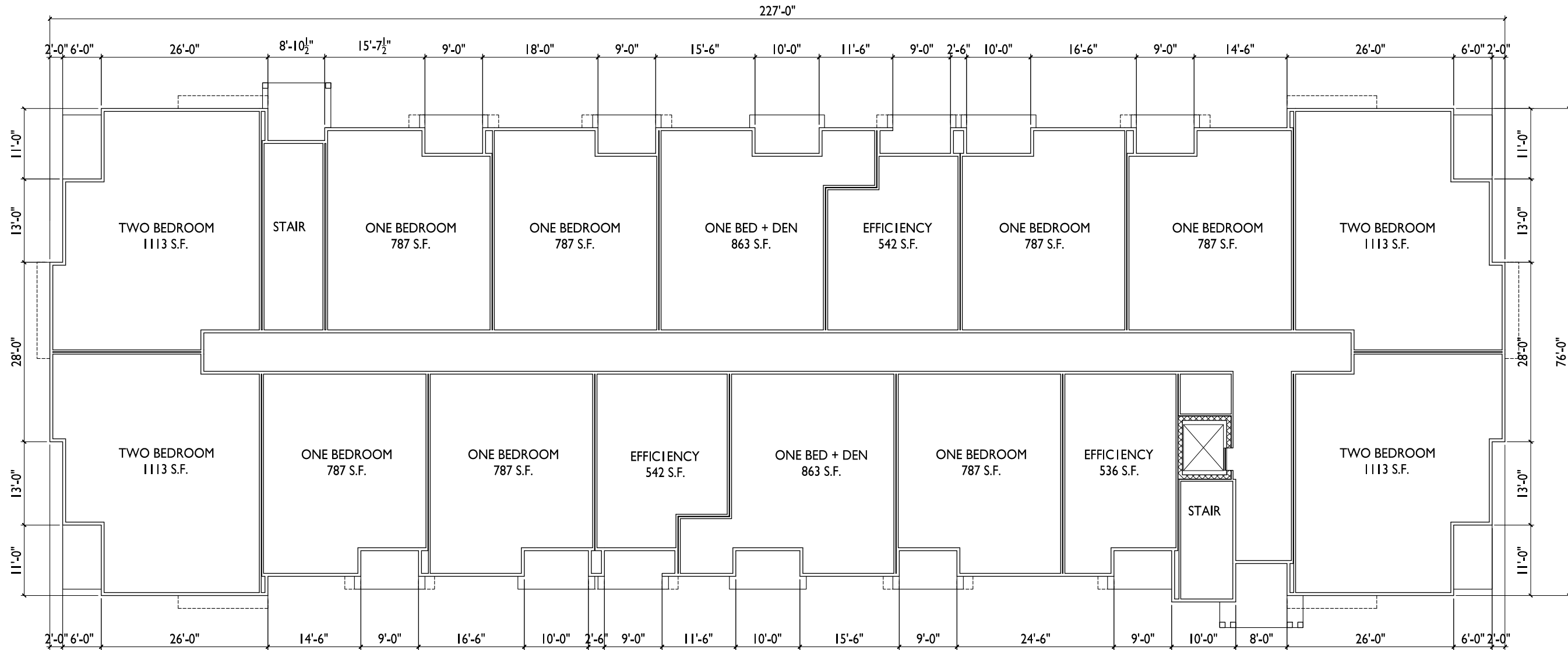
2801 Hickory Ridge Rd.
 SHEET TITLE
Building 6
Basement Floor
Plan

SHEET NUMBER

A-1.0
 PROJECT NO. **1855**
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BASEMENT FLOOR PLAN - BLDG 6
 A-1.0 1/8" = 1'-0"





ISSUED
Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 6
First Floor Plan

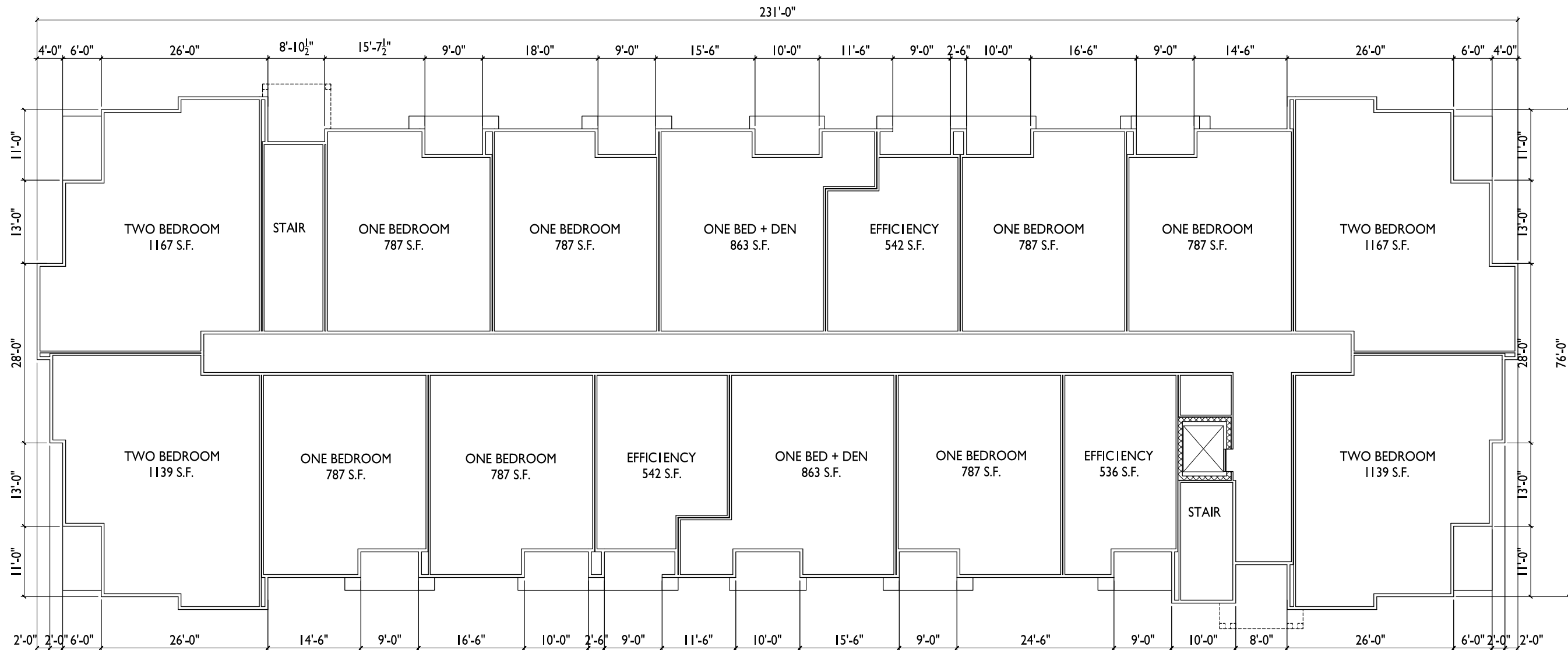
1
A-1.1
FIRST FLOOR PLAN - BLDG 6
1/8" = 1'-0"



SHEET NUMBER

A-1.1

PROJECT NO. 1855
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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 6
Second Floor Plan

1 SECOND FLOOR PLAN - BLDG 6
 A-1.2 1/8" = 1'-0"



SHEET NUMBER

A-1.2

PROJECT NO. **1855**
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knothe-bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
408.936.3690 Middleton, WI 53542

ISSUED
Issued for Land Use & UDC: March 20, 2019

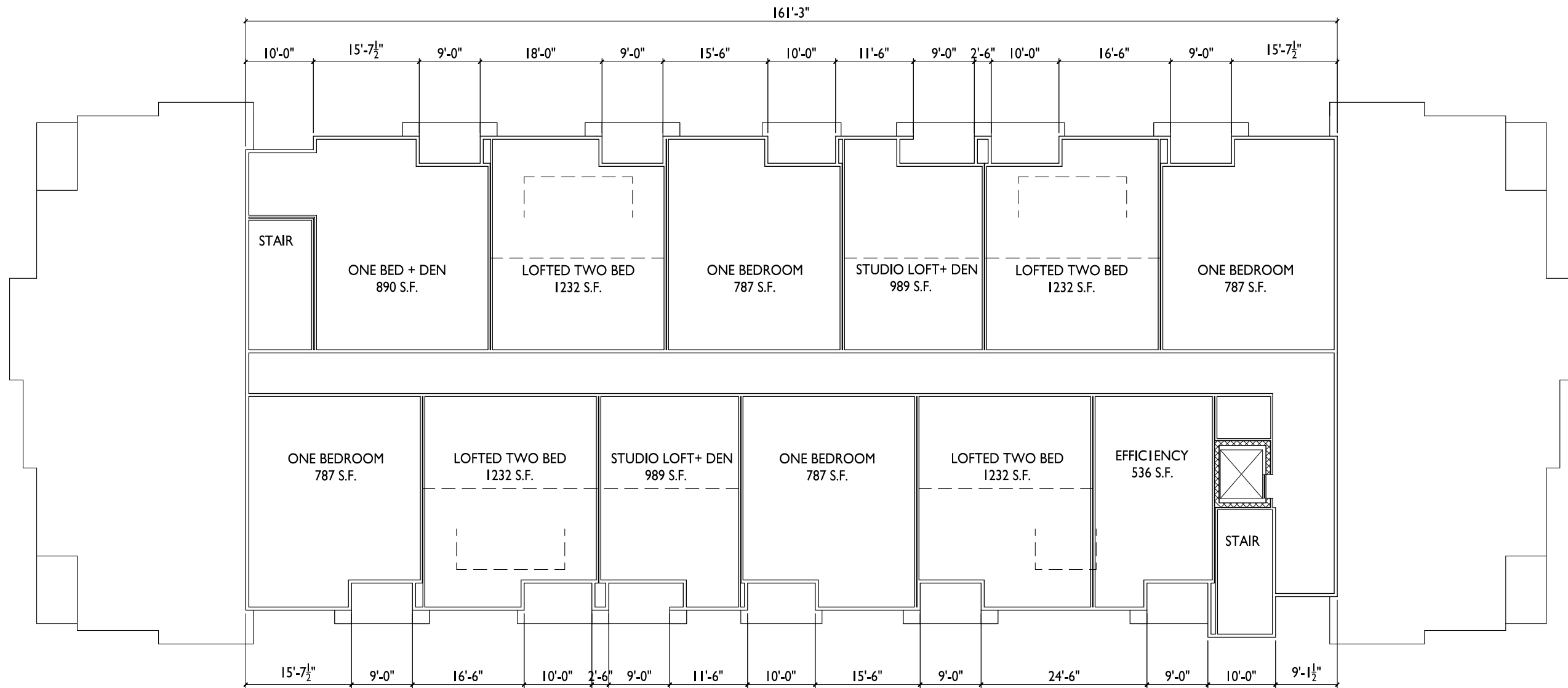
PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 6
Third Floor Plan

SHEET NUMBER

A-1.3

PROJECT NO. 1855
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1
A-1.3
THIRD FLOOR PLAN - BLDG 6
1/8" = 1'-0"





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1
A-2.1
1/8" = 1'-0"

**NORTHWEST ELEVATION
ALONG RAYMOND RD. - BLDG 6**



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- ALUMINUM RAILING
- VINYL WINDOWS
- CAST STONE BANDS
HEADS & SILLS
- BRICK VENEER
- COMPOSITE WRAPPED COLUMNS &
TRIM

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEE® - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE® - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE® - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2
A-2.1
1/8" = 1'-0"

SOUTHWEST ELEVATION - BLDG 6

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
**Building 6
Elevations**

SHEET NUMBER

A-2.1



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Issued for Land Use & UDC: March 20, 2019

1 SOUTHEAST ELEVATION - BLDG 6
A-2.2 1/8" = 1'-0"



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- ALUMINUM RAILING
- VINYL WINDOWS
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

2 NORTHEAST ELEVATION - BLDG 6
A-2.2 1/8" = 1'-0"

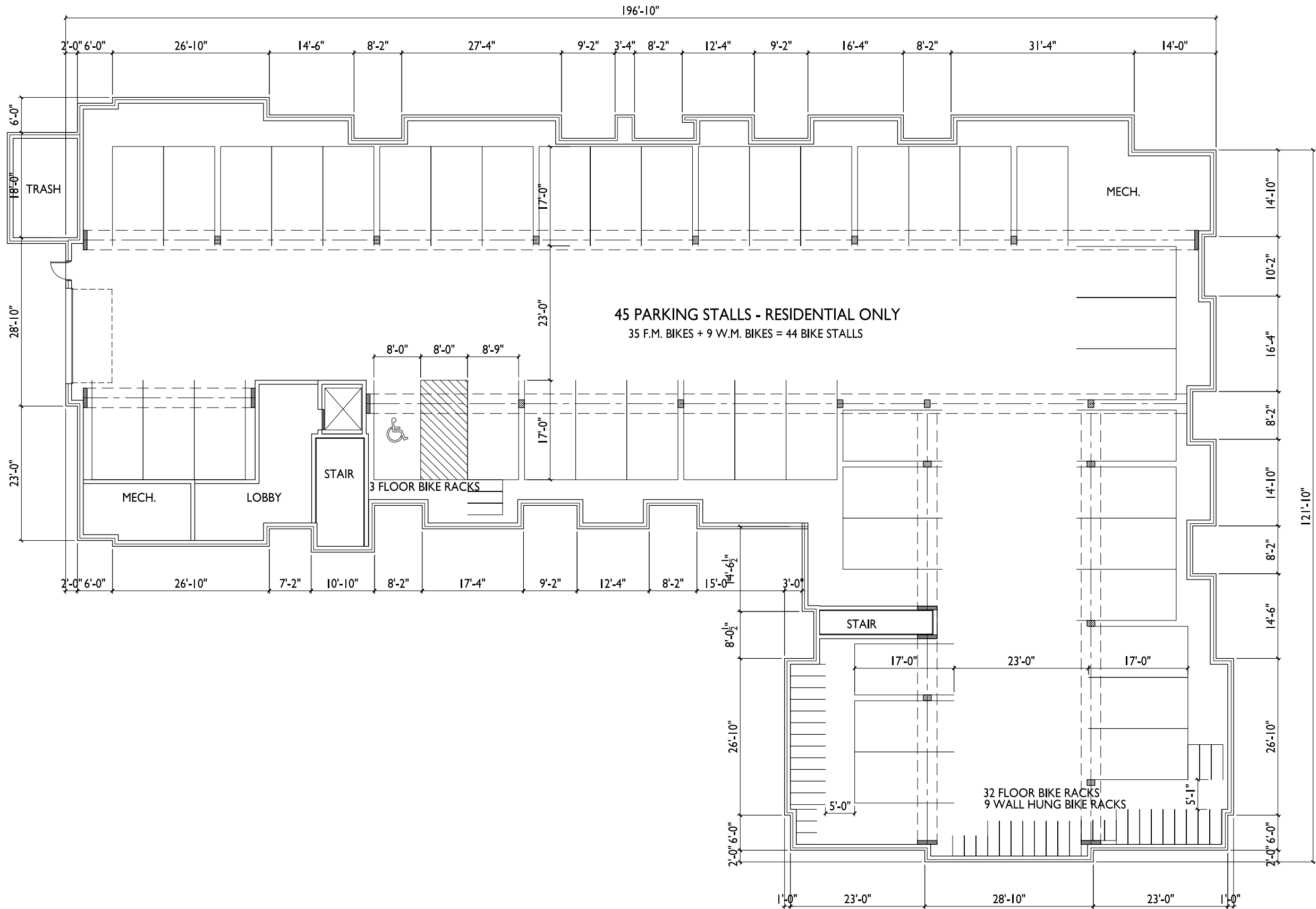
PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEEED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
SHEET TITLE
Building 6
Elevations

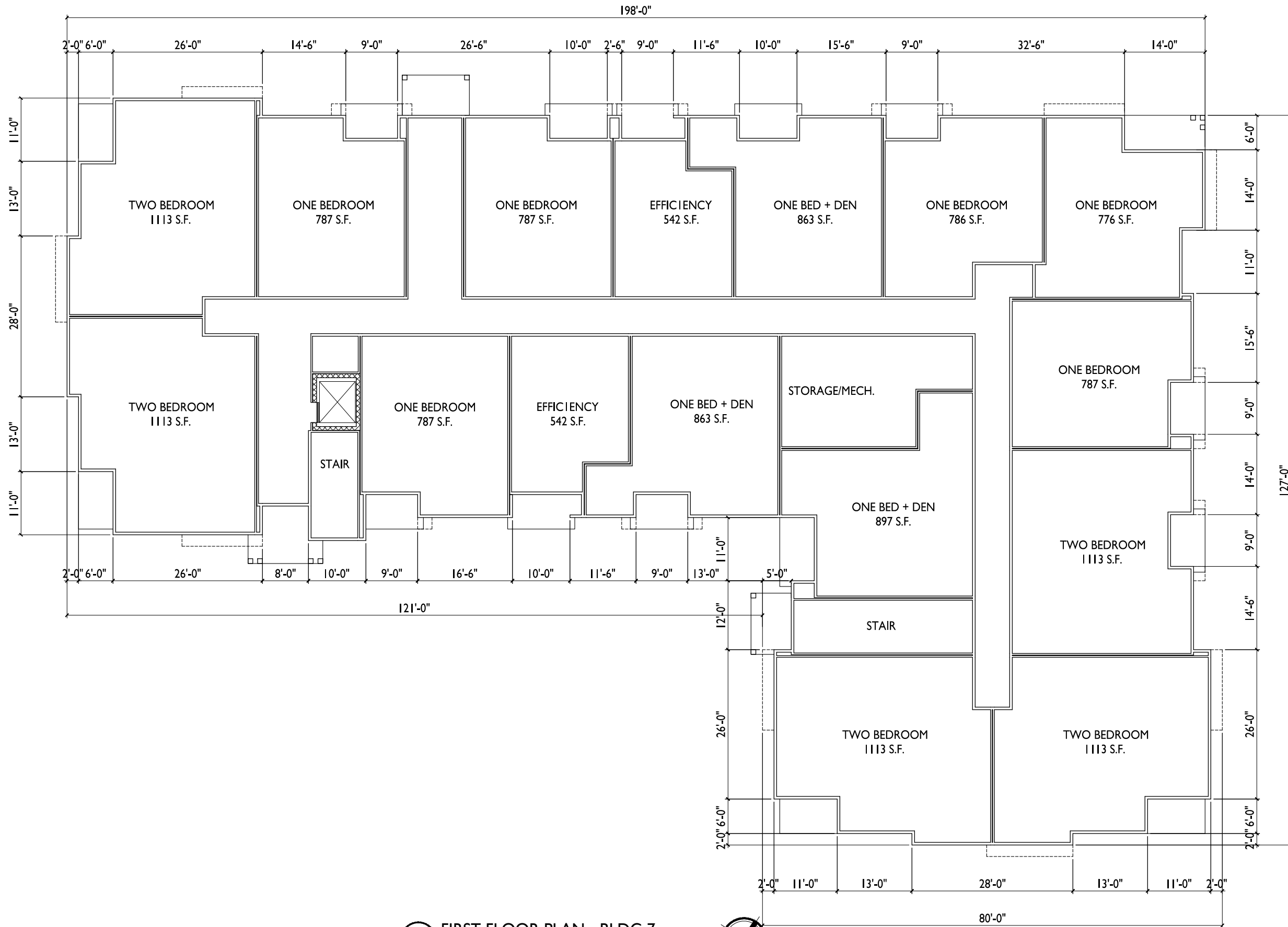
SHEET NUMBER

A-2.2

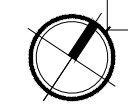


BASEMENT FLOOR PLAN - BLDG 7
 A-1.0 1/8" = 1'-0"





FIRST FLOOR PLAN - BLDG 7
A-1.1 1/8" = 1'-0"





knothe • bruce
ARCHITECTS
Phone: 7601 University Ave., Ste 201
408.936.3690 Middleton, WI 53542

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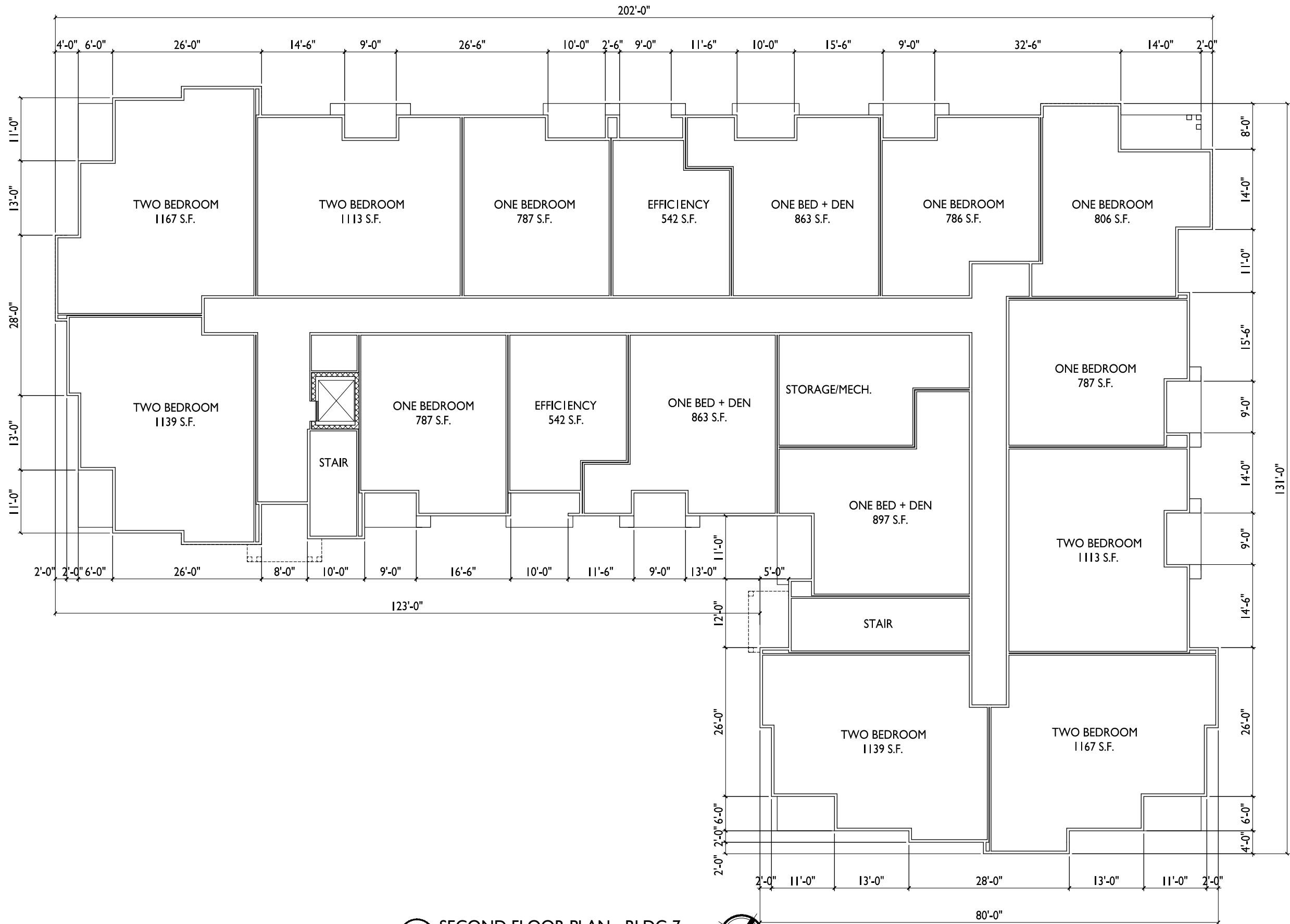
PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 7
Second Floor Plan

SHEET NUMBER

A-1.2

PROJECT NO. 1855
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1 SECOND FLOOR PLAN - BLDG 7
A-1.2 1/8" = 1'-0"





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PROJECT TITLE
Esker Apartments

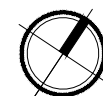
2801 Hickory Ridge Rd.
 SHEET TITLE
Building 7
Third Floor Plan

SHEET NUMBER

A-1.3

PROJECT NO. **1855**
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1 THIRD FLOOR PLAN - BLDG 7
 A-1.3 1/8" = 1'-0"





1
A-2.1
NORTHWEST ELEVATION
ALONG RAYMOND RD. - BLDG 7
1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLAND CANYON
VINYL HORIZ. SIDING	CERTAINTED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDEE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLAND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDEE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

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TYPICAL MATERIALS:

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- ALUMINUM RAILING
- VINYL WINDOWS
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 7 Elevations

2
A-2.1
SOUTHEAST ELEVATION - BLDG 7
1/8" = 1'-0"

SHEET NUMBER

A-2.1

PROJECT NO. **1855**
© Knothe & Bruce Architects, LLC



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING (RUSTIC SERIES BY WOODTONE OR SIM.)
- VINYL WINDOWS
- CAST STONE BANDS
- BRICK VENEER

1 **NORTHEAST ELEVATION. - BLDG 7**
 A-2.2 1/8" = 1'-0"

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2 **SOUTHWEST ELEVATION - BLDG 7**
 A-2.2 1/8" = 1'-0"

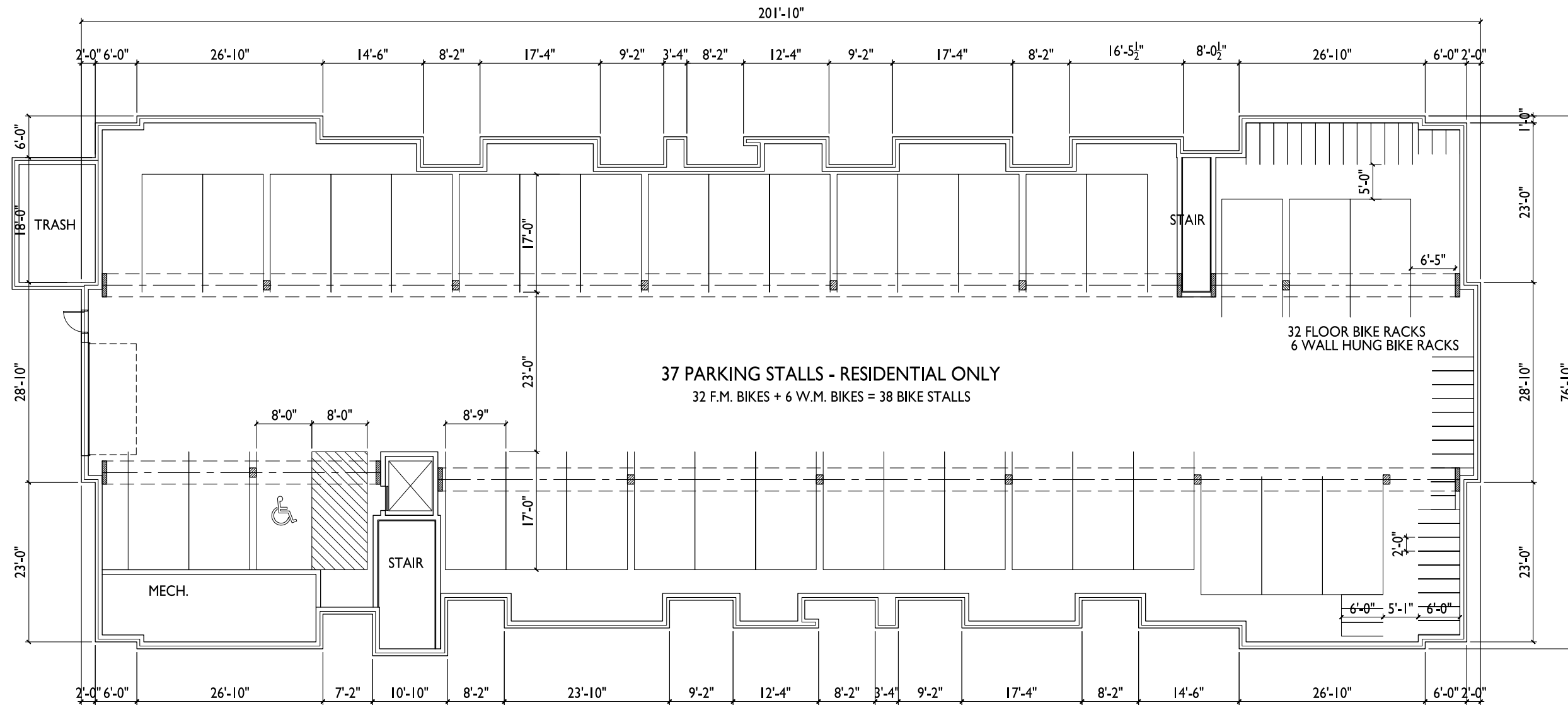
PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEE® - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE® - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE® - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 7
Elevations

SHEET NUMBER

A-2.2



ISSUED
Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

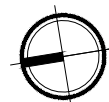
2801 Hickory Ridge Rd.
SHEET TITLE
Building 8
Basement Floor
Plan

SHEET NUMBER

A-1.0

PROJECT NO. 1855
© Knothe & Bruce Architects, LLC

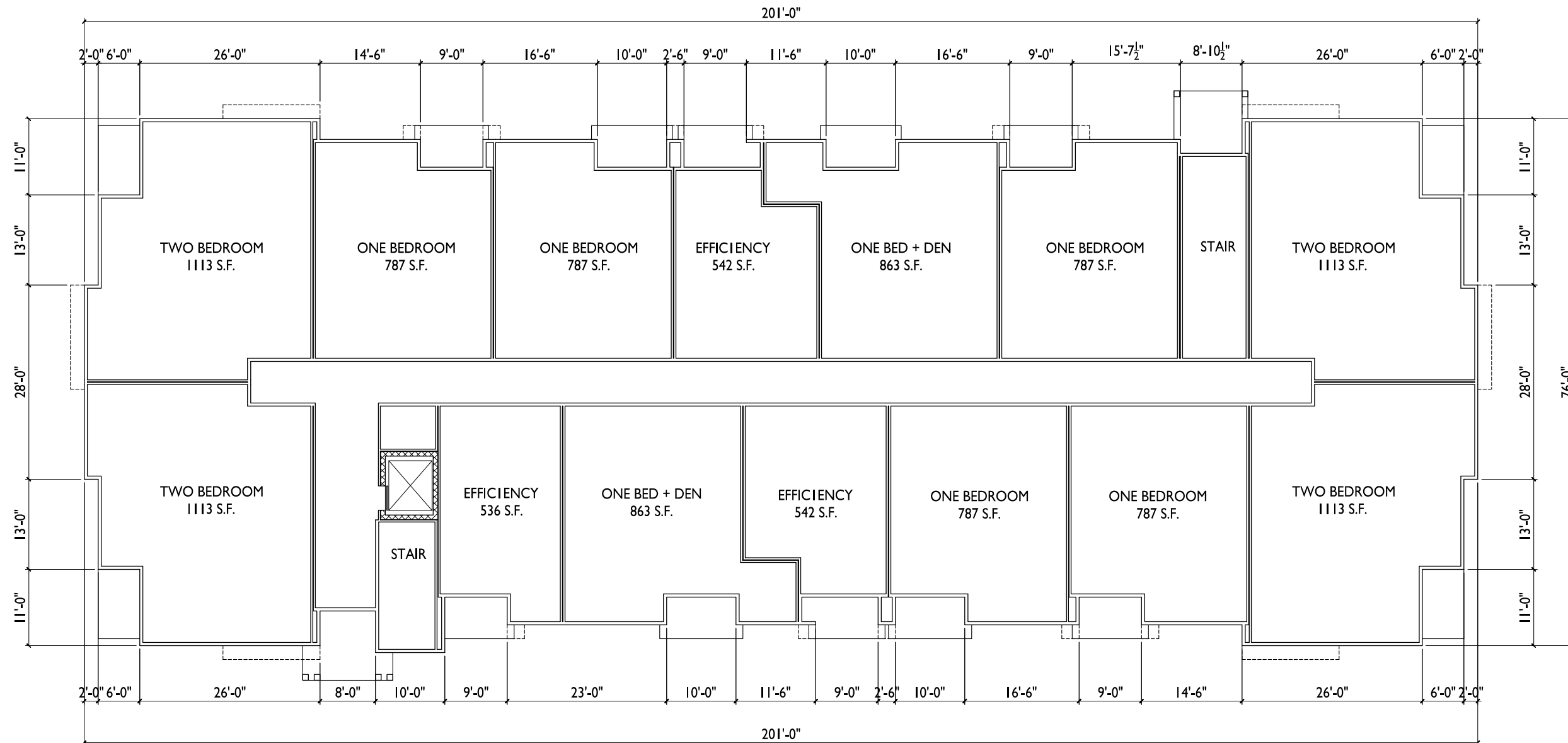
1
A-1.0
BASEMENT FLOOR PLAN - BLDG 8
1/8" = 1'-0"





knothe-bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.936.3690 Middleton, WI 53542



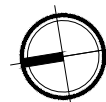
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Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 8
First Floor Plan

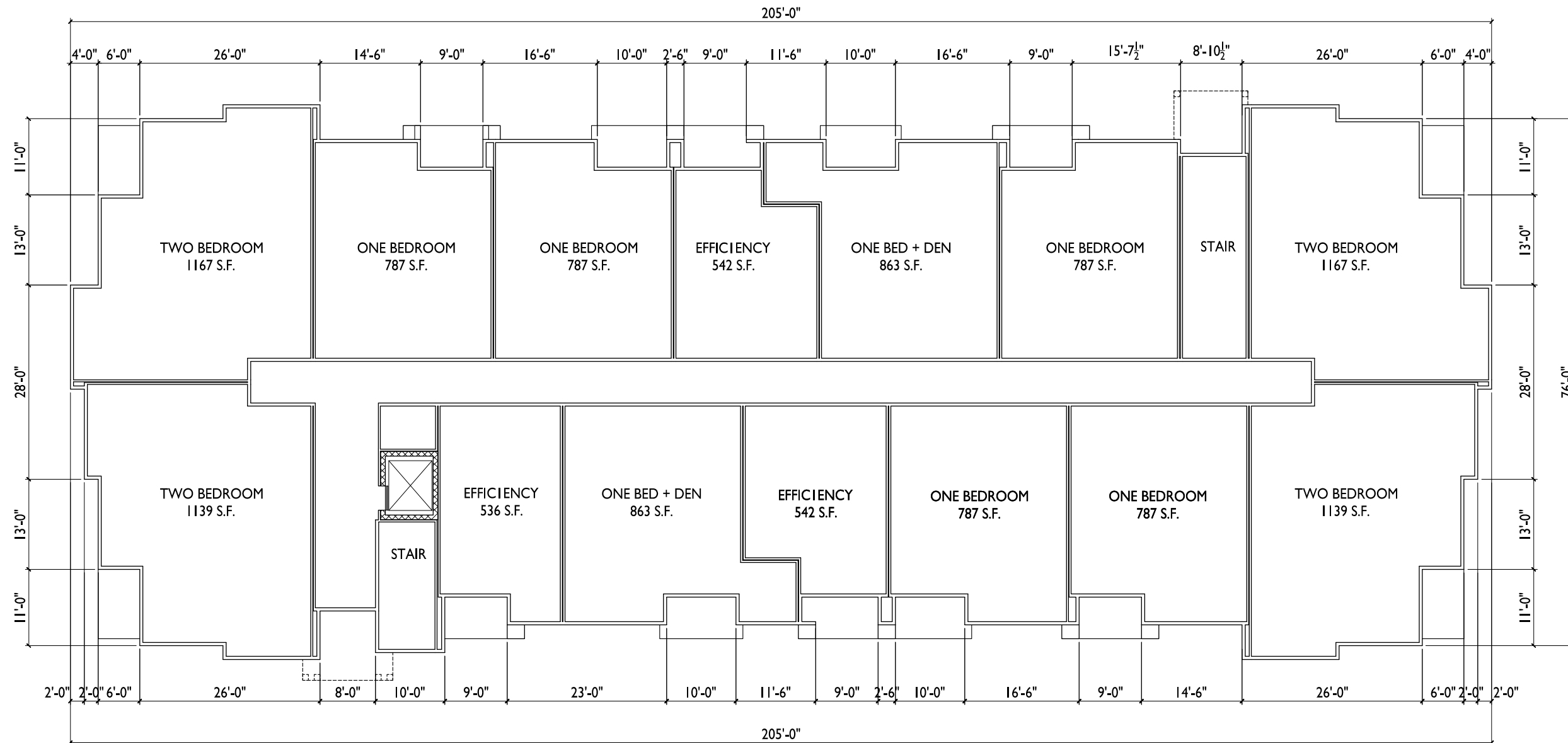
SHEET NUMBER

1 FIRST FLOOR PLAN - BLDG 8
A-1.1 1/8" = 1'-0"



A-1.1

PROJECT NO. 1855
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PROJECT TITLE
Esker Apartments

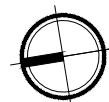
2801 Hickory Ridge Rd.
SHEET TITLE
Building 8
Second Floor Plan

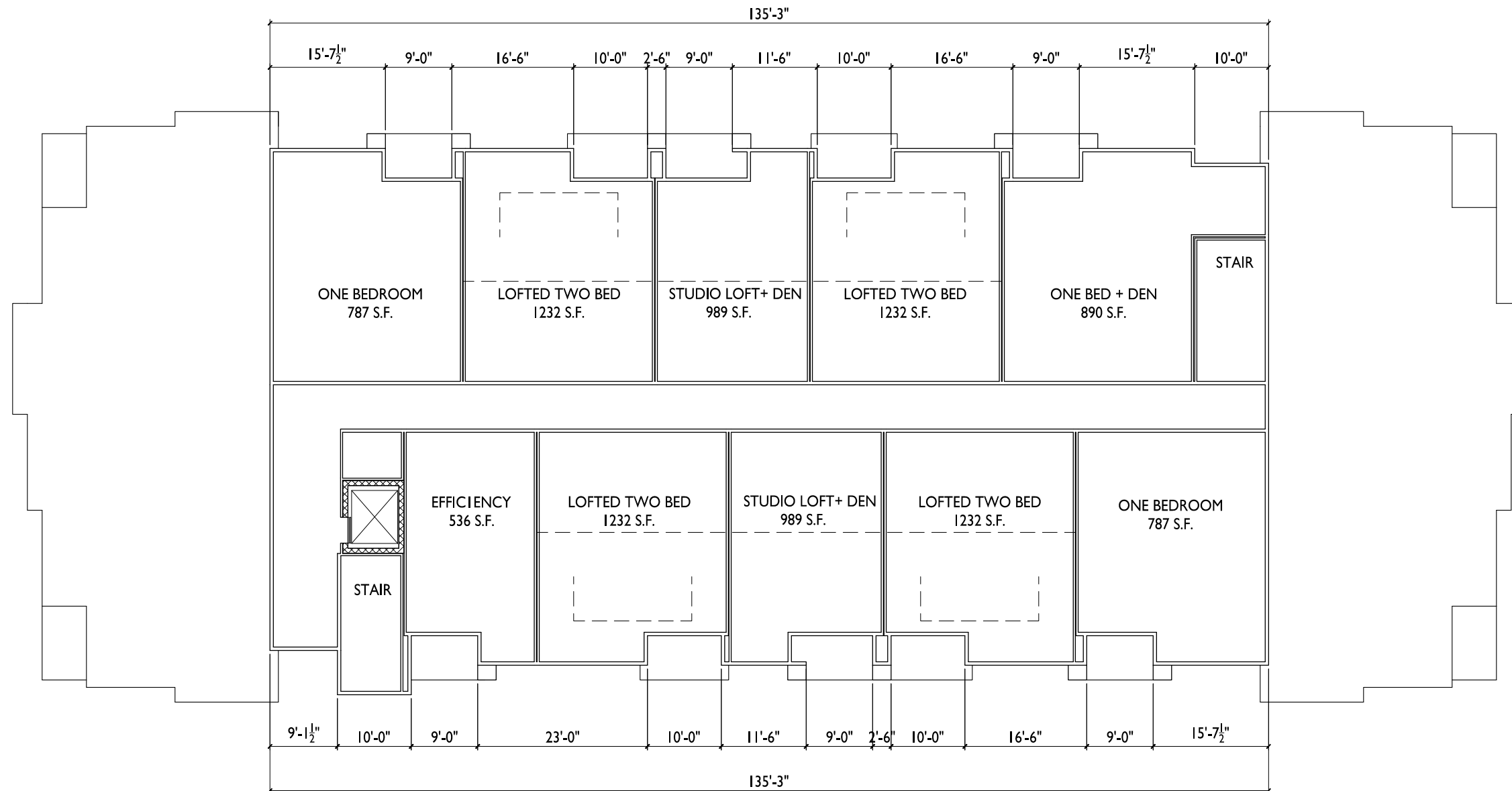
SHEET NUMBER

A-1.2

PROJECT NO. 1855
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1 SECOND FLOOR PLAN - BLDG 8
A-1.2 1/8" = 1'-0"





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PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 8
Third Floor Plan

SHEET NUMBER

A-1.3

PROJECT NO. **1855**
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1 WEST ELEVATION - BLDG 8
 A-2.1 1/8" = 1'-0"



2 NORTH ELEVATION - BLDG 8
 A-2.1 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEEED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 8 Elevations

SHEET NUMBER

A-2.1



1 EAST ELEVATION - BLDG 8
A-2.2 1/8" = 1'-0"



2 SOUTH ELEVATION - BLDG 8
A-2.2 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEE® - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE® - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE® - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

PROJECT TITLE
Esker Apartments

2801 Hickory Ridge Rd.
SHEET TITLE
Building 8
Elevations

SHEET NUMBER

A-2.2



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- VINYL WINDOWS
- STANDING SEAM METAL ROOF
- CAST STONE BANDS HEADS & SILLS
- COMPOSITE WRAPPED COLLUMS & TRIM
- BRICK VENEER

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Issued for Land Use & UDC: March 20, 2019

1
A-2.1
SOUTHWEST FRONT ELEVATION - BLDG 1
3/32" = 1'-0"



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- VINYL WINDOWS
- ALUMINUM RAILING
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

2
A-2.1
SOUTHEAST ELEVATION - BLDG 1
3/32" = 1'-0"

PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
SHEET TITLE
**Building 1-
Elevations**

SHEET NUMBER

R-2.0



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM. WRAPPED FASCIA
- STANDING SEAM METAL ROOF
- COMPOSITE TRIM
- VINYL SIDING
- ALUMINUM RAILING
- COMPOSITE SIDING
- VINYL WINDOWS
- COMPOSITE WRAPPED COLUMNS & TRIM
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

1 FRONT ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"

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2 SIDE ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"

PROJECT TITLE
Esker Apartments



3 REAR ELEVATION - BLDGS 2-4
A-2.1 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	PLASTIC - RUGGED CANYON
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - COBBLESTONE
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - COBBLESTONE
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	STAINED FIBERGLASS

2801 Hickory Ridge Rd.
SHEET TITLE
Buildings 2-4 Elevations

SHEET NUMBER

R-2.1



1
 A-2.1
 1/8" = 1'-0"
**NORTHWEST ELEVATION
 ALONG RAYMOND RD. - BLDG 5**



2
 A-2.1
 1/8" = 1'-0"
END ELEVATION - BLDG 5

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	MASTIC - RUGGED CANYON
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - COBBLESTONE
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - COBBLESTONE
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	STAINED FIBERGLASS

ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments



3
 A-2.1
 1/8" = 1'-0"
**SOUTHWEST
 REAR ELEVATION - BLDG 5**

2801 Hickory Ridge Rd.
 SHEET TITLE
**Building 5
 Elevations**

SHEET NUMBER

R-2.3

PROJECT NO. **1855**
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 Issued for Land Use & UDC: March 20, 2019

1
 A-2.1
 1/8" = 1'-0"

**NORTHWEST ELEVATION
 ALONG RAYMOND RD. - BLDG 6**



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- ALUMINUM RAILING
- VINYL WINDOWS
- CAST STONE BANDS
HEADS & SILLS
- BRICK VENEER
- COMPOSITE WRAPPED COLUMNS &
TRIM

2
 A-2.1
 1/8" = 1'-0"

SOUTHWEST ELEVATION - BLDG 6

PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEEED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
 SHEET TITLE
**Building 6
 Elevations**

SHEET NUMBER

R-2.4



1
A-2.1
NORTHWEST ELEVATION
ALONG RAYMOND RD. - BLDG 7
 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

ISSUED
 Issued for Land Use & UDC: March 20, 2019

PROJECT TITLE
Esker Apartments



TYPICAL MATERIALS:

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING
- ALUMINUM RAILING
- VINYL WINDOWS
- CAST STONE BANDS HEADS & SILLS
- BRICK VENEER

2
A-2.1
SOUTHEAST ELEVATION - BLDG 7
 1/8" = 1'-0"

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 7
Elevations

SHEET NUMBER

R-2.4

PROJECT NO. **1855**
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TYPICAL MATERIALS:

- ASPHALT SHINGLES
- ALUM. WRAPPED FASCIA
- COMPOSITE TRIM
- VINYL SIDING
- COMPOSITE SIDING (RUSTIC SERIES BY WOODTONE OR SIM)
- VINYL WINDOWS
- CAST STONE BANDS
- BRICK VENEER

1 **NORTHEAST ELEVATION. - BLDG 7**
 A-2.2 1/8" = 1'-0"

ISSUED
 Issued for Land Use & UDC: March 20, 2019



2 **SOUTHWEST ELEVATION - BLDG 7**
 A-2.2 1/8" = 1'-0"

PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTED - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
 SHEET TITLE
Building 7
Elevations

SHEET NUMBER

R-2.5



1 WEST ELEVATION - BLDG 8
A-2.1 1/8" = 1'-0"

ISSUED
Issued for Land Use & UDC: March 20, 2019



2 NORTH ELEVATION - BLDG 8
A-2.1 1/8" = 1'-0"

PROJECT TITLE
Esker Apartments

EXTERIOR MATERIAL SCHEDULE	
BRICK VENEER	HEBRON - CHAMPAGNE SMOOTH
CAST STONE	BUFF - GROUNDFACE
COMPOSITE HORIZ. SIDING @ BAYS	LP- DUOBLEND CANYON
VINYL HORIZ. SIDING	CERTAINTEE® - CHARCOAL GRAY
ALUMINUM WRAPPED FASCIA	MATCH WITH HARDIE - PEARL GRAY
COMPOSITE TRIM @ BAYS	LP- DUOBLEND CANYON
COMPOSITE WINDOW/DOOR TRIM @ VINYL	HARDIE - PEARL GRAY
WINDOWS	TAN
RAILING	ALUMINUM - BLACK
ASPHALT SHINGLES	WEATHERED WOOD
METAL ROOF	CITYSCAPE
BUILDING ENTRANCES	BLACK

2801 Hickory Ridge Rd.
SHEET TITLE
Building 8
Elevations

SHEET NUMBER

R-2.7



THE ESKER

2801 Hickory Ridge Rd.
Rendered Perspective



DESCRIPTION:

Lot Eleven (11) of Glacier Valley, as recorded in Volume 58-081A of Plats, on Pages 409 and 410, as Document Number 4082046, Dane County Registry, located in the SW¼-NW¼, and the SE¼-NW ¼ of Section 02, Township 06 North, Range 08 East, in the City of Madison, Dane County, Wisconsin.

Containing 457,288 square feet or 10.50 acres more or less.



City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506

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

Project Address: 2801 Hickory Ridge Rd.

Contact Name & Phone #: Don Schroeder 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? <i>2-5</i> If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall? <i>1, 4, 7, 8</i>	<input type="checkbox"/> Yes <input checked="" 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 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 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 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? <i>See plan</i> 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 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"/> 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? <i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>	<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"/> 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 type="checkbox"/> N/A <input type="checkbox"/> N/A

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

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



D-Series Size 0 LED Area Luminaire



Catalog Number
Notes
Type

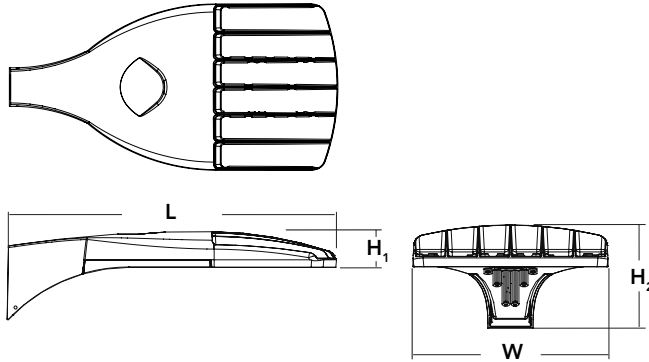
Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA:	0.95 ft ² (.09 m ²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height ₁ :	3" (7.62 cm)
Height ₂ :	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 NLTAIR2 PIRHN DDBXD

DSX0 LED		Color temperature		Distribution		Voltage	Mounting
Series	LEDs	30K	3000 K	T1S	Type I short	MVOLT ^{3,4}	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁶ RPUMBA Round pole universal mounting adaptor ⁶ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷
	Forward optics	40K	4000 K	T2S	Type II short	120 ⁴	
	P1 P4 P7	50K	5000 K	T2M	Type II medium	208 ⁴	
	P2 P5			T5W	Type V wide	240 ⁴	
	P3 P6			T3S	Type III short	277 ⁴	
	Rotated optics			T3M	Type III medium	347 ^{4,5}	
	P10 ¹ P12 ¹			T4M	Type IV medium	480 ^{4,5}	
	P11 ¹ P13 ¹			TFTM	Forward throw medium		
				T5VS	Type V very short		

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ^{8,9} PIRHN Network, high/low motion/ambient sensor ¹⁰ PER NEMA twist-lock receptacle only (control ordered separate) ¹¹ PER5 Five-pin receptacle only (control ordered separate) ^{11,12} PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate)	Shipped installed HS House-side shield ¹⁶ SF Single fuse (120, 277, 347V) ⁴ DF Double fuse (208, 240, 480V) ⁴ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ¹⁶ Shipped separately BS Bird spikes ¹⁷ EGS External glare shield ¹⁷	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.

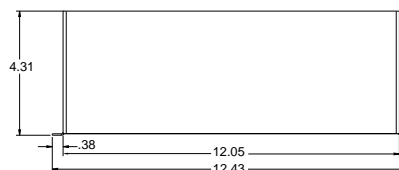
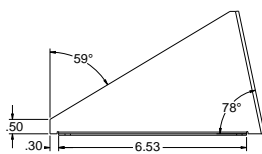
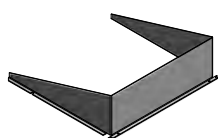
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁸
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁸
DSHORT SBK U	Shorting cap ¹⁸
DSXOHS 20C U	House-side shield for P1,P2,P3 and P4 ¹⁵
DSXOHS 30C U	House-side shield for P10,P11,P12 and P13 ¹⁶
DSXOHS 40C U	House-side shield for P5,P6 AND P7 ¹⁶
DSXODDL U	Diffused drop lens (polycarbonate) ¹⁶
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ¹⁹
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ¹⁹

For more control options, visit [DTL](#) and [ROAM](#) online. Link to [nLight Air 2](#)

NOTES

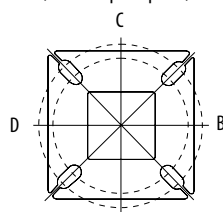
- 1 P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- 2 Not available with HS or DDL.
- 3 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 5 Not available in P4, P7 or P13. Not available with BL30, BL50 or PNMT options.
- 6 Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANGI C136.31.
- 7 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).
- 8 Must be ordered with PIRHN.
- 9 Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- 10 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 11 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- 12 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- 13 Reference Motion Sensor table on page 3.
- 14 Reference PER Table on page 3 to see functionality.
- 15 Not available with other dimming controls options.
- 16 Not available with BLC, LCCO and RCCO distribution. Must be ordered with fixture for factory pre-drilling.
- 17 Must be ordered with fixture for factory pre-drilling.
- 18 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- 19 For retrofit use only.

EGS – External Glare Shield

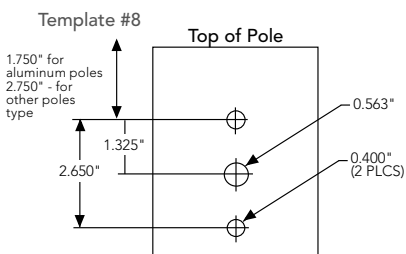


Drilling

HANDHOLE ORIENTATION (from top of pole)



A
Handhole



Tenon Mounting Slipfitter

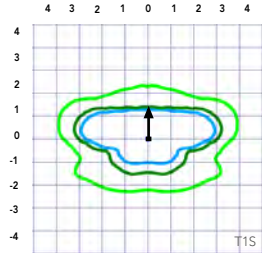
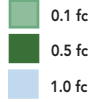
Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS

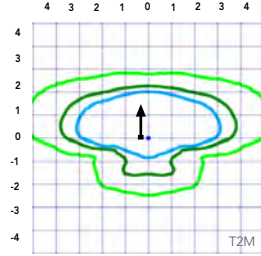
		Minimum Acceptable Outside Pole Dimension					
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"		3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"		4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"

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

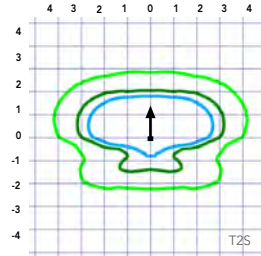
LEGEND



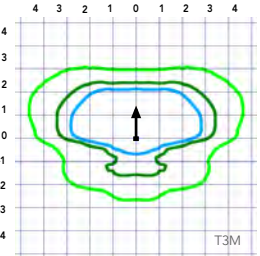
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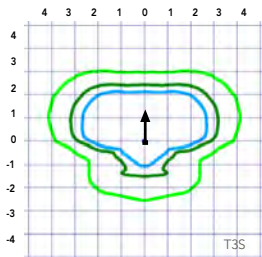
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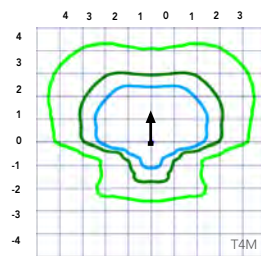
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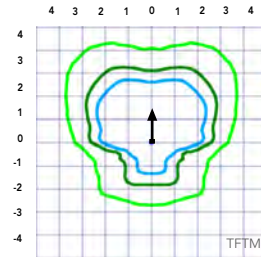
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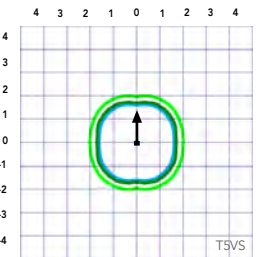
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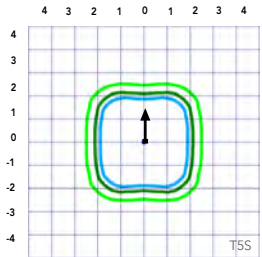
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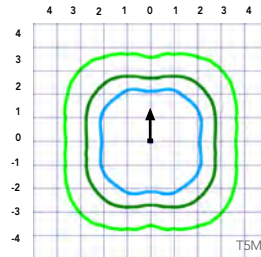
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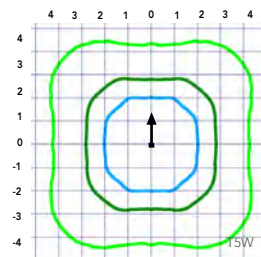
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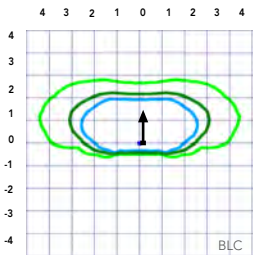
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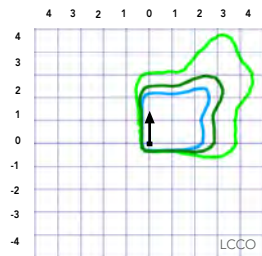
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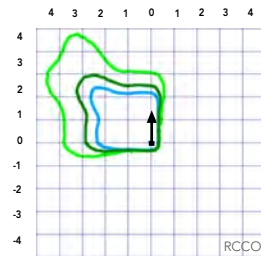
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Test No.



Test No.



Test No.

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°C	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	Lumen Maintenance Factor
25,000	0.96
50,000	0.92
100,000	0.85

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 separate Dusk to Dawn or timer.

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBOR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

Electrical Load

					Current (A)					
	Performance Package	LED Count	Drive Current	Wattage	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

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																							
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P1	20	530	38W	T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125				
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125				
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126				
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122				
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126				
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123				
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126				
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131				
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131				
				TSM	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130				
				TSW	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131				
				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				
				P2	20	700	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124
								T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124
T2M	5,593	1	0					1	114	6,025	1	0	1	123	6,102	1	0	1	125				
T3S	5,417	1	0					2	111	5,835	1	0	2	119	5,909	2	0	2	121				
T3M	5,580	1	0					2	114	6,011	1	0	2	123	6,087	1	0	2	124				
T4M	5,458	1	0					2	111	5,880	1	0	2	120	5,955	1	0	2	122				
TFTM	5,576	1	0					2	114	6,007	1	0	2	123	6,083	1	0	2	124				
TSVS	5,799	2	0					0	118	6,247	2	0	0	127	6,327	2	0	0	129				
TSS	5,804	2	0					0	118	6,252	2	0	0	128	6,332	2	0	1	129				
TSM	5,789	3	0					1	118	6,237	3	0	1	127	6,316	3	0	1	129				
TSW	5,834	3	0					2	119	6,285	3	0	2	128	6,364	3	0	2	130				
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				
P3	20	1050	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				
				P4	20	1400	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																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P5	40	700	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
				T5S	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138
				T5M	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
				P6	40	1050	134W	T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151
T2S	14,789	3	0					3	110	15,932	3	0	3	119	16,134	3	0	3	120
T2M	14,865	3	0					3	111	16,014	3	0	3	120	16,217	3	0	3	121
T3S	14,396	3	0					3	107	15,509	3	0	3	116	15,705	3	0	3	117
T3M	14,829	2	0					3	111	15,975	3	0	3	119	16,177	3	0	3	121
T4M	14,507	2	0					3	108	15,628	3	0	3	117	15,826	3	0	3	118
TFTM	14,820	2	0					3	111	15,965	3	0	3	119	16,167	3	0	3	121
TSVS	15,413	4	0					1	115	16,604	4	0	1	124	16,815	4	0	1	125
T5S	15,426	3	0					1	115	16,618	4	0	1	124	16,828	4	0	1	126
T5M	15,387	4	0					2	115	16,576	4	0	2	124	16,786	4	0	2	125
TSW	15,506	4	0					3	116	16,704	4	0	3	125	16,915	4	0	3	126
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
P7	40	1300	166W					T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570
				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
				T5S	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117
				T5M	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

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																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	30	530	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
				P11	30	700	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376
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
P12	30	1050	104W					T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253
				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
				P13	30	1300	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751
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

Capable Luminaire

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

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

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

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

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).

STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

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 photocell 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/resources/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.





OLWX1 LED

LED Wall Luminaire



Catalog
Number

Notes

Type

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

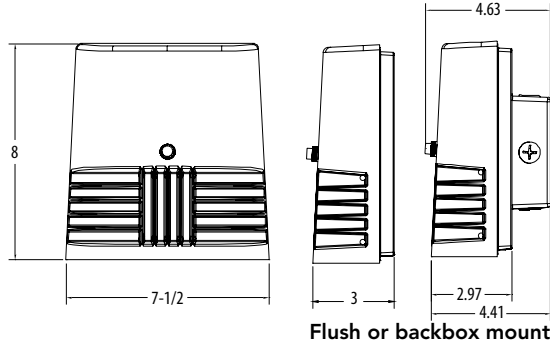
Specifications

Width: 7-1/2"
(19 cm)

Height: 8"
(20.3 cm)

Depth: 3"
(7.62 cm)

Weight: 5 lbs
(2.27kg)



Introduction

The OLWX1 is versatile and energy efficient. It is designed to replace up to 250W metal halide while saving over 87% in energy costs. Whether you are mounting it to a recessed junction box, conduit/through wiring, as an up light, as a down light, or as a flood light – the OLWX1 has all applications covered.

Ordering Information

EXAMPLE: OLWX1 LED 20W 50K

OLWX1 LED								
Series	Performance Package		Color Temperature		Voltage	Controls	Finish	
OLWX1 LED	13W	13 watts	40K	4000 K ¹	(blank)	MVOLT ²	(blank)	None
	20W	20 watts	50K	5000 K	120	120V ³	PE	120V button photocell ^{1,3}
	40W	40 watts			347	347V		

Accessories

Ordered and shipped separately.

OLWX1TS	Slipfitter – size 1
OLWX1YK	Yoke – size 1
OLWX1THK	Knuckle – size 1

NOTES

- 1 Not available with 347V option.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60Hz).
- 3 Specify 120V when ordering with photocell (PE option).

FEATURES & SPECIFICATIONS

INTENDED USE

The versatility of the OLWX1 LED combines a sleek, low-profile wall pack design with energy efficient, low maintenance LEDs for replacing up to 250W metal halide fixtures. Mounting accessories are available to convert the OLWX1 LED into an energy efficient flood light.

OLWX1 LED is ideal for outdoor applications such as building perimeters, loading areas, driveways and sign and building flood lighting.

CONSTRUCTION

Cast-aluminum housing with textured dark bronze polyester powder paint for durability. Integral heat sinks optimize thermal management through conductive and convective cooling. LEDs are protected behind a glass lens. Housing is sealed against moisture and environmental contaminants (IP65 rated). See Lighting Facts label and photometry reports for details.

ELECTRICAL

Light engine consists of 1 high-efficiency Chip On Board (COB) LED with integrated circuit board mounted directly to the housing to maximize heat dissipation and promote long life (L73/100,000 hours at 25°C). Electronic drivers have a power factor >90% and THD <20% and a minimum 2.5kV surge rating. Flood light mounting accessories include an additional 6kV surge protection device. LEDs are available in 4000K and 5000K CCTs.

INSTALLATION

Easily mounts to recessed junction boxes with the included wall mount bracket, or for surface mounting and conduit entry - with the included junction box with five 1/2" threaded conduit entry hubs. Flood light mounting accessories (sold separately) include knuckle, integral slipfitter and yoke mounting options. Each flood mount accessory comes with a top visor and vandal guard. Luminaire may be wall or ground mounted in downward or upward orientation.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum ambient. Tested in accordance with IESNA LM-79 and LM-80 standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

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.



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.

Fixture Model Number	CCT	System Watts	Lumens	LPW	B	U	G	CRI
OLWX1 LED 13W 40K	4000 K	14 W	1,271	91	1	0	0	>70
OLWX1 LED 13W 50K	5000 K	14 W	1,289	92	1	0	0	>80
OLWX1 LED 20W 40K	4000 K	20 W	2,697	135	1	0	0	>70
OLWX1 LED 20W 50K	5000 K	19 W	2,663	140	1	0	0	>70
OLWX1 LED 40W 40K	4000 K	39 W	4,027	101	2	0	0	>70
OLWX1 LED 40W 50K	5000 K	37 W	4,079	110	2	0	0	>70

Electrical Load

Fixture Model Number	Rated Power (watts)	Input current at given input voltage (amps)				
		120V	208V	240V	277V	347V
OLWX1 LED 13W 40K	14 W	0.12	0.07	0.06	0.06	0.04
OLWX1 LED 13W 50K	14 W	0.12	0.07	0.06	0.06	0.04
OLWX1 LED 20W 40K	20 W	0.20	0.12	0.10	0.09	0.06
OLWX1 LED 20W 50K	19 W	0.20	0.12	0.10	0.09	0.06
OLWX1 LED 40W 40K	39 W	0.37	0.21	0.19	0.16	0.11
OLWX1 LED 40W 50K	37 W	0.37	0.21	0.19	0.16	0.11

Lumen Ambient Temperature (LAT) Multipliers

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

	0°C	10°C	20°C	25°C	30°C	40°C
13W	1.06	1.03	1.01	1.00	0.99	0.96
20W	1.06	1.04	1.01	1.00	0.99	0.96
40W	1.07	1.04	1.01	1.00	0.99	0.96

Projected LED Lumen Maintenance

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

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

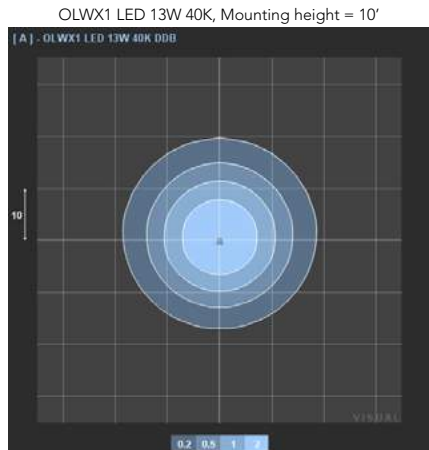
Operating Hours	0	25,000	50,000	100,000
OLWX1 LED 13W	1.00	0.92	0.85	0.73
OLWX1 LED 20W	1.00	0.92	0.85	0.73
OLWX1 LED 40W	1.00	0.94	0.88	0.79

Photometric Diagrams

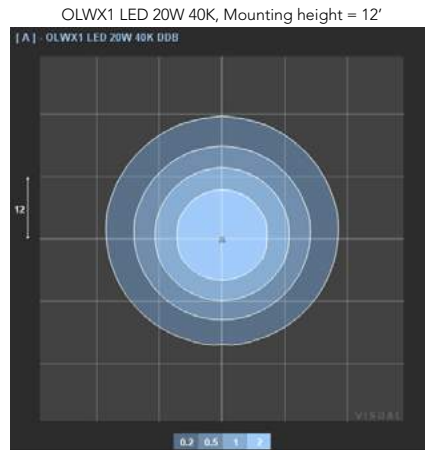
To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting OLWX1 LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

LEGEND

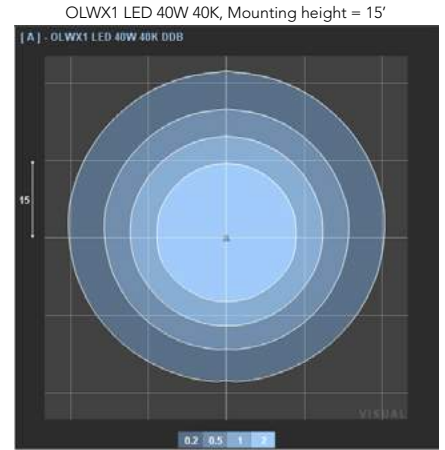
- 0.2 fc
- 0.5 fc
- 1.0 fc
- 2.0 fc



Test No. LTL22697 tested in accordance with IESNA LM-79-08.



Test No. LTL22696 tested in accordance with IESNA LM-79-08.



Test No. LTL22695 tested in accordance with IESNA LM-79-08.

Accessories



OLWX1TS
Slipfitter – size 1

Standard size tenon is 2 1/8".
The slip fitter has a range of 2" to 2 3/8".



OLWX1YK
Yoke – size 1



OLWX1THK
Knuckle – size 1



Top Visor and Vandal Guard
included with accessories



Lighting Facts Labels

OLWX1 LED 13W 40K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	1271
Watts	14
Lumens per Watt (Efficacy)	90

Color Accuracy Color Rendering Index (CRI)	76
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Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-B7TMD (6/23/2014)
Model Number: OLWX1 LED 13W 40K XXX XX XXX
Type: Luminaire - Other

OLWX1 LED 13W 50K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	1289
Watts	13.6
Lumens per Watt (Efficacy)	94

Color Accuracy Color Rendering Index (CRI)	83
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Light Color
Correlated Color Temperature (CCT) **5000 (Daylight)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-VYH35V (5/27/2014)
Model Number: OLWX1 LED 13W 50K XXX XX XXX
Type: Luminaire - Other

OLWX1 LED 20W 40K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	2697
Watts	19.62
Lumens per Watt (Efficacy)	137.46

Color Accuracy Color Rendering Index (CRI)	70
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Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-E483EB (8/25/2016)
Model Number: OLWX1 LED 20W 40K XXX XX XXX [Upgrade : 8/25/2016]
Type: Luminaire - Other

OLWX1 LED 20W 50K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	2663
Watts	19.33
Lumens per Watt (Efficacy)	137.77

Color Accuracy Color Rendering Index (CRI)	70
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Light Color
Correlated Color Temperature (CCT) **5000 (Daylight)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-D3MG3X (8/25/2016)
Model Number: OLWX1 LED 20W 50K XXX XX XXX [Upgrade : 8/25/2016]
Type: Luminaire - Other

OLWX1 LED 40W 40K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	4027
Watts	39.81
Lumens per Watt (Efficacy)	101

Color Accuracy Color Rendering Index (CRI)	70
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Light Color
Correlated Color Temperature (CCT) **4000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-D122K1 (Revised)
Model Number: OLWX1 LED 40W 40K XXX XX XXX
Type: Luminaire - Other

OLWX1 LED 40W 50K XXX XX XXX

Lithonia Lighting

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	4079
Watts	36.9
Lumens per Watt (Efficacy)	110

Color Accuracy Color Rendering Index (CRI)	72
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Light Color
Correlated Color Temperature (CCT) **5116 (Daylight)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-F7MC2K (7/7/2014)
Model Number: OLWX1 LED 40W 50K XXX XX XXX
Type: Luminaire - Other