R. 16.005716 4/22/22
$875.00 RB

THE CITY OF Fitchburg

City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg, WI 53711
(608-270-4200)

REZONING APPLICATION

The undersigned owner, or owner's authorized agent, of property herein described hereby petitions to amend the zoning district map of the Fitchburg zoning ordinance by reclassifying from the PDD-GIP district to the PDD-SIP district the following described property:

1. **Location of Property/Street Address:** Fahey property / 5282 Irish Lane

Legal Description - (Metes & Bounds, or Lot No. And Plat):

Lot 270 & 271 Highfield Reserve

***Also submit in electronic format (MS WORD or plain text) by email to: **planning@fitchburgwi.gov**

2. **Proposed Use of Property - Explanation of Request:**

Multifamily

3. **Proposed Development Schedule:** 2022-2026

***Pursuant to Section 22-3(b) of the Fitchburg Zoning Ordinance, all Rezonings shall be consistent with the currently adopted City of Fitchburg Comprehensive Plan.

***Attach three (3) copies of a site plan which shows any proposed land divisions, plus vehicular access points and the location and size of all existing and proposed structures and parking areas. Two (2) of the three (3) copies shall be no larger than 11" x 17". Submit one (1) electronic pdf document of the entire submittal to **planning@fitchburgwi.gov**. Additional information may be requested.

Type of Residential Development (If Applicable): Multifamily

Total Dwelling Units Proposed: 228 **No. Of Parking Stalls:** 402

Type of Non-residential Development (If Applicable): N/A

Proposed Hours of Operation: N/A **No. Of Employees:** N/A

Floor Area: TBD **No. Of Parking Stalls:**

Sewer: Municipal ☑ **Private** ☐ **Water: Municipal** ☑ **Private** ☐

Current Owner of Property: Fahey Land, LLC - David Fahey

Address: 5376 Irish Ln. Fitchburg, WI 537711 **Phone No:** 608-658-0174

Contact Person: Greg Held - Knothe & Bruce Architects, LLC

Email: gheld@knothebruce.com

Address: 7601 University Ave. Ste. 201 Middleton, WI 53562 **Phone No:** 608-836-3690

Respectfully Submitted By: David Fahey
Owner's or Authorized Agent's Signature

David Fahey
Print Owner's or Authorized Agent's Name

PLEASE NOTE - Applicants shall be responsible for legal or outside consultant costs incurred by the City. Submissions shall be made at least four (4) weeks prior to desired plan commission meeting.

For City Use Only: **Date Received:** April 19, 2022 **Publish:** and

Ordinance Section No. — **Fee Paid:** $ 875.00

Permit Request No. RZ - 2449 - 22

Receipt No: 16.005716 Apr 22, 2022

FAHEY LAND, LLC - DAVID FAHEY

LICENSES & PERMITS	
RZ-2449-22	875.00
Total:	875.00
CHECK	
Check No: 1137	875.00
Payor:	
FAHEY SOUTH LLC	
Total Applied:	875.00
Change Tendered:	.00

04/22/2022 07:53AM

CITY OF FITCHBURG
5520 LACY RD
FITCHBURG WI 53711 608-270-4200

City of Fitchburg Planning/Zoning Department 5520 Lacy Road Fitchburg, WI 53711 (608-270-4200)	**ARCHITECTURAL & DESIGN REVIEW APPLICATION**

Applicant/Contact Person: Greg Held / Knothe & Bruce Architects, LLC

Address: 7601 University Ave. Ste. 201 **Phone Number of Contact Person:** 608-836-3690

City, State, Zip Code: Middleton, WI 53562 **Email of Contact Person:** gheld@knothebruce.com

Project Address: Fahey Glen / Tullamore St. **Lot:** 270 / 271 **Subdivision:** Highfield Reserve

Project Type: X **Multi-Family** _____ **Commercial** _____ **Industrial** _____ **Other**

X **New** _____ **Addition**

Impervious Surface Ratio (ISR): 56% max. (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

Site Data:

- ☒ 1. Lot or property dimensions.
- ☒ 2. Orientation (to north).
- ☒ 3. Adjacent highways, roads, drive, etc.
- ☒ 4. Existing natural features (rivers, ponds, wetlands).
- ☒ 5. Existing buildings and/or improvements.
- ☒ 6. Existing and proposed site drainage.
- ☒ 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- ☒ 8. ISR shall be indicated on all plans.
- ☒ 9. Stormwater management plans and details, including grading plan.
- ☒ 10. Lighting plan in footcandles and light fixture cut sheets.

Building:

- ☒ 1. Building size, configuration and orientation.
- ☒ 2. Distance from lot lines.
- ☒ 3. Distance from other buildings, improvements and natural features.
- ☐ 4. Location of well, septic tank, drainfield, etc. (if applicable)
- ☒ 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- ☒ 6. Construction type (wood frame, structural steel, etc.).
- ☒ 7. Foundation type (full basement, slab on grade, etc.).
- ☒ 8. Number of levels.
- ☒ 9. Siding/exterior covering type, color, texture, etc.
- ☒ 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- ☒ 11. Roofing material type, color, texture, etc.
- ☒ 12. Exterior door and window location, size, type, etc.
- ☒ 13. Fire protection sprinklers or fire alarm systems.

Ingress, Egress, Parking:

- ☒ 1. Location of highway and road access points.
- ☒ 2. Location, size, configuration of drivers and walks.
- ☒ 3. Number, size, location of parking spaces.
- ☒ 4. Location of handicapped parking and accessible building entrances.
- ☒ 5. Bicycle rack(s).

Landscaping:

- ☒ 1. Location, species, size of existing trees, shrubs, and plantings.
- ☒ 2. Location, species, size of proposed plantings.
- ☒ 3. Location and size of all paved, seeded/sodded and gravelled areas.
- ☒ 4. Location of all retaining walls, fences, berms and other landscape features.

***It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed: _____ **Date:** 4/19/2022
Applicant or Authorized Agent

***** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

FOR CITY USE ONLY

Date Received: _____ **Plan Commission Date:** _____

Comments:

knothe bruce ARCHITECTS

Highfield Reserve Multi-Family Site
IRISH FIELDS

PDD-SIP Application

April 19, 2022

Ph 608.836.3690

knothebruce.com

7601 University Ave., Suite 201
Middleton, WI 53562

PROJECT

Highfield Reserve – Multi-family Site

SUMMARY

The Highfield Reserve Development is a master planned community that will include a variety of housing types and an institutional site to provide a mixed-use neighborhood. The development will include single family homes, twin-homes, a multi-family component and a school. One of the primary objectives of the development is to provide a broad spectrum of housing types and styles.

This submittal is to request PDD-SIP zoning for the multi-family component of the development.

ORGANIZATIONAL STRUCTURE

Owner:	Fahey Land LLC 5376 Irish Lane Fitchburg, WI 53711	Contact:	David Fahey faheysd@gmail.com 608.658.0174
Applicant:	Rouse Management 2428 Perry Street Madison, WI 53713	Contact:	Fred Rouse fred@rousemgmt.com 608.251.5382
Architect:	Knothe & Bruce Architects, LLC 7601 University Ave. Middleton, WI 53562	Contact:	Greg Held gheld@knothebruce.com 608.836.3690
Engineer:	D'Onofrio Kottke 7530 Westward Way Madison, WI 53717	Contact:	Ron Klaas rklaas@donofrio.cc 608.833.7530

EXISTING CONDITIONS

Legal Description

Lot 207 & 271 Highfield Reserve

Existing Parcels

5282 Irish Lane 0-609-154-9501-2
0-609-154-2050-2

Existing Zoning

PDD -GIP

Adopted Plans and Approvals

Comprehensive Land Use Plan: (July 2021)	HDR High Density Residential (> 9 du/acre)
McGaw Park Neighborhood Plan:	R2 Residential (min. average 10 du/acre)
Comprehensive Development Plan: (November 2021)	Multi-family (228 du)
PDD-GIP: (March 22, 2022)	Multi-family (228 du)

PROPOSED LAND USE

The PDD-GIP was approved with 228 dwelling units on the multi-family portion of the development. In keeping with the development theme of housing variety and options, we are proposing several buildings styles that vary in scale and height. The buildings along Fahey Glenn will be smaller scale and two-stories in height. Internal to the site the buildings are larger in scale and up to three-stories in height. In addition to height, the buildings will vary in style. Smaller townhome buildings with individual attached garages are located along the west end of Fahey Glenn. To the east near the institutional site the buildings are two-story walk-up apartments with underground parking. Located behind the buildings along Fahey Glenn are three-story garden style apartments with underground parking. Two of these garden style apartment buildings will be connected by a “Commons”, which will feature indoor and outdoor recreational spaces for the residents of the multi-family site. Individual exterior entrances to the units with street frontage will be provided where grade permits.

This is a market rate rental project, but with a wide variety of dwelling unit sizes and configurations it is designed to appeal to a broad range of residents. Unit sizes will vary from just under 600 s.f. for the studio to over 1,300 s.f. for three-bedroom units. There will be garden style aparments (interior corridor accessed) walk-up flats, multi-level townhome units. The garden-style apartment buildings will include elevators which will provide accessible units to appeal to residents of a broad range of ages and abilities.
PDD zoning allows the project to provide the approved density in a more compact format, and the resulting open space has been set aside for outdoor activities and to promote ground water recharge and storm water management. The block dimensions will allow for engaging architecture and attractive, activated streetscapes.

The buildings have been designed with unifying design elements to create a cohesive project across the building types. Longer facades are broken into smaller elements through articulation, while maintaining rhythm and proportion that reflects each building types mass. The exteriors will feature high quality materials including stone veneer, composite siding and trim – either fiber cement or wood strand type.

The site will feature extensive open space. Outdoor grilling, sitting and recreation areas will be provided distributed throughout the site for the enjoyment of the residents. An in-ground pool will be provided off the Commons.

SITE DEVELOPMENT STATISTICS

Lot Area

Lot 270	162,462 s.f.	3.73 acres
Lot 271	289,759 s.f.	6.65 acres
Total:	452,009 s.f.	10.38 acres (net)

Lot Coverage

Allowed:	35%
Lot 270:	33%
Lot 271	29%

Impervious Surface Ratio

Allowed:	65%
Lot 270:	56%
Lot 271:	43%

Density

Townhome:	24 Units
Walk Up Apartments	32 Units
Garden Apartments	172 Units
Total:	228 du 22 du/acre

Density by Lot

Lot 270	70 du	18.8 du/acre
Lot 271	158 du	23.8 du/acre

Dwelling Unit Mix

Studio:	30
One Bedroom:	113
One Bedroom + Den:	23 *(Lot area requirement calculated as a two bedroom)*
Two Bedroom:	51
Three Bedroom:	11
Total:	228

Dwelling Unit Mix by Building Type

DWELLING UNIT MIX BY BUILDING TYPE				
Type	Garden Apartment	Walk-up Apartment	Townhome	Total
Efficiency	30	0	0	30
1-Bedroom	109	4 (x2) = 8	0	117
1-Bedroom+Den	3	4 (x2) = 8	2 (x4) = 8	19
2-Bedroom	27	4 (x4) = 16	2 (x4) = 8	51
3-Bedroom	3	0	2 (x4) = 8	11
Total	172	32	24	228

Parking

A minimum of one structured parking stall per dwelling unit will be provided. In addition, off-street surface parking stalls will be provided such that the overall parking ratio will be 1.8 stalls / dwelling unit. The developer successfully manages similar properties with off-street parking ratios ranging between 1.5 and 1.75 stalls / dwelling unit. Additionally, there are approximately 112 on-street parking spaces on the public streets bordering Lots 270 and 271.

Future Stalls: The walk-up apartments at the northeast end of the site (16-unit buildings) have a higher structured parking ratio of over 1.5 stalls / dwelling unit. Because of the excess structured parking the developer is requesting to reduce the amount of surface parking to be initially built in this area. The developer proposes to complete the southern portion of the surface lot with 13 stalls at the time of initial occupancy. The northern portion with an additional 10 stalls would be constructed in the future if needed. Storm water design will account for the future stalls.

Bike Parking: Short term bike parking has been provided in the form of surface stalls located near the apartment entrances. Long term bike parking will be provided within the buildings. Stall counts have been calculated at .05 stalls / bedroom for short term and .5 stalls / bedroom for long term in accordance with the guidelines. Permanently mounted bike racks will be provided at all bike stalls. Note: bike parking was not calculated for the six-unit townhome buildings, however, the attached garages will provide ample bike parking.

Parking by Building Type

PARKING BY BUILDING TYPE				
Type	Garden Apartment	Walk-up Apartment	Townhome	Total
Structured	170	25 (x2) = 50	10 (x4) = 40	260
Surface	89	13	10 (x4) = 40	142
Future Surface*	0	(10)	0	10
On-street **	-	-	-	(not included)
Total	259	63 (73)	80	412
Stalls / d.u.	1.5	2 (2.3)	3.3	1.8

* Future stalls to be constructed if needed.

** There are 112 on-street stalls on the streets bounding Lots 270 & 271. Including these stalls would bring the overall parking ratio 2 / d.u.

Parking by Lot

PARKING BY LOT		
Type	Lot 270	Lot 271
Structured	86	174
Surface	74	78*
On-street	-	-
Total	160	252
Stalls / d.u.	2.3	1.6

* Including future stalls

ZONING REQUEST

Specific Implementation Plan (PDD-SIP)

Variances From Standard Zoning

The multi-family site of the Fahey South Development most closely resembles the R-H zoning district, however variances from this district are requested to allow a design that is in harmony with and compliments the residential development on the rest of the site. The multi-family site is requesting modifications to the standards of the R-H zoning district:

- Number of multiple family dwelling units per lot.
- Maximum lot size.
- Setbacks (front, side, street side).
- Maximum building height.
- Parking – less than two stalls per dwelling unit.

Multi-family Zoning Text

Lot Area Requirements:

Efficiency	2,000 square feet
1 bedroom	2,200 square feet
2 bedrooms	2,400 square feet
3 bedrooms	2,700 square feet
4 bedrooms or more	3,100 square feet

Exceptions:

If more than half of the dwelling units in a building are efficiency units, those in excess of half shall be counted as one bedroom units.

500 square feet of lot area per structured parking space shall be deducted from the minimum lot area for any building that provides structured parking on-site, either within the building or in a detached underground parking structure.

Minimum Lot Width: 80 feet.

Minimum Front Setback: 20 feet, except that an open front porch or stoop may protrude to within 15 feet of the front lot line.

Minimum Side Setback: 10 feet.

Minimum street side setback: 20 feet.

Minimum rear setback: 25 feet.

Maximum building height: 50 feet or three stories, whichever is less unless a conditional use is approved for additional stories up to six or 75 feet whichever is less.

Maximum lot coverage: 35 percent.

D-Series Size 0
LED Area Luminaire

Catalog Number

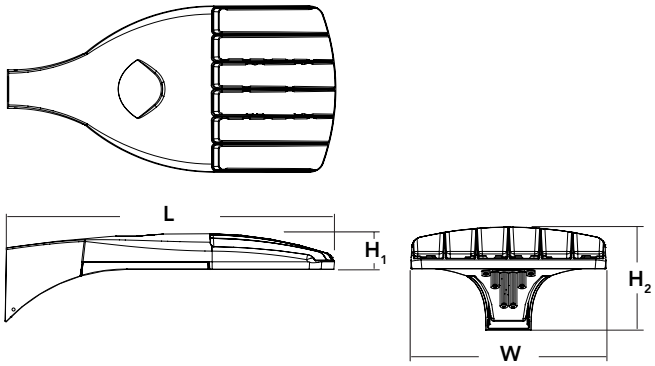
Notes

Type

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

Specifications

EPA:	0.95 ft² (.09 m²)
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)



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.

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	**Forward optics** P1 P4 P7 P2 P5 P3 P6 **Rotated optics** P10[1] P12[1] P11[1] P13[1]	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[2] LCCO Left corner cutoff[2] RCCO Right corner cutoff[2]	MVOLT [3,4] 120 [4] 208 [4] 240 [4] 277 [4] 347 [4,5] 480 [4,5]	**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]

Control options		Other options	Finish *(required)*
Shipped installed		**Shipped installed**	DDBXD Dark bronze
NLTAIR2 nLight AIR generation 2 enabled[8,9]	PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc [14,15]	HS House-side shield [17]	DBLXD Black
PIRHN Network, high/low motion/ambient sensor[10]	PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc [14,15]	SF Single fuse (120, 277, 347V) [4]	DNAXD Natural aluminum
PER NEMA twist-lock receptacle only (control ordered separate) [11]	PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc [14,15]	DF Double fuse (208, 240, 480V) [4]	DWHXD White
PER5 Five-pin receptacle only (control ordered separate) [11,12]	PIRH1FC3V High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc [14,15]	L90 Left rotated optics [1]	DDBTXD Textured dark bronze
PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separate) [11,12]	FAO Field adjustable output [16]	R90 Right rotated optics [1]	DBLBXD Textured black
DMG 0-10V dimming extend out back of housing for external control (control ordered separate) [13]		DDL Diffused drop lens [17]	DNATXD Textured natural aluminum
		Shipped separately	DWHGXD Textured white
		BS Bird spikes [18]	
		EGS External glare shield [18]	

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Ordering Information

Accessories

Ordered and shipped separately.

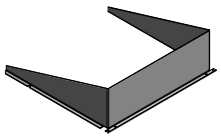
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [19]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [19]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [19]
DSHORT SBK U	Shorting cap [19]
DSX0HS 20C U	House-side shield for P1,P2,P3 and P4 [17]
DSX0HS 30C U	House-side shield for P10,P11,P12 and P13 [17]
DSX0HS 40C U	House-side shield for P5,P6 and P7 [17]
DSX0DDL U	Diffused drop lens (polycarbonate) [17]
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) [20]
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) [6]

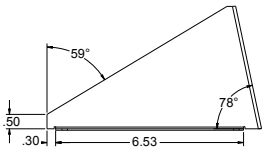
For more control options, visit DTL and ROAM online. Link to nLight Air 2

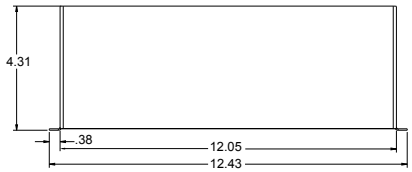
NOTES

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 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 ANCI 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 DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
14 Reference Motion Sensor table on page 3.
15 Reference PER Table on page 3 to see functionality.
16 Not available with other dimming controls options.
17 Not available with BLC, LCCO and RCCO distribution.
18 Must be ordered with fixture for factory pre-drilling.
19 Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
20 For retrofit use only.

EGS – External Glare Shield

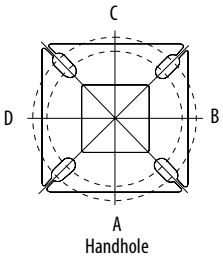


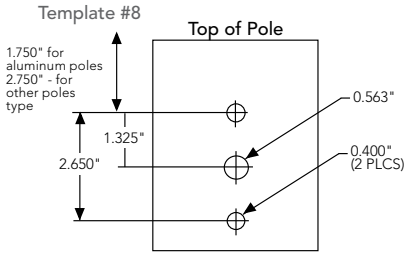




Drilling

HANDHOLE ORIENTATION
(from top of pole)





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"

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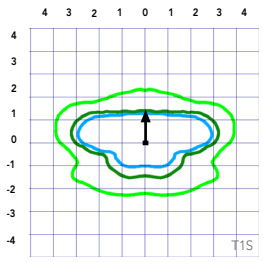
Photometric Diagrams

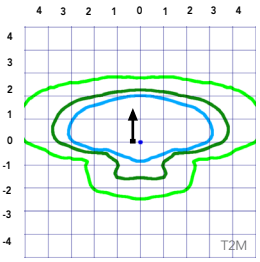
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Area Size 0 homepage.

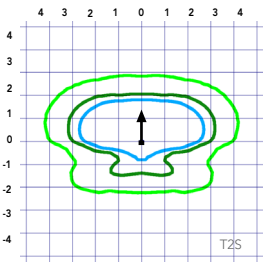
Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').

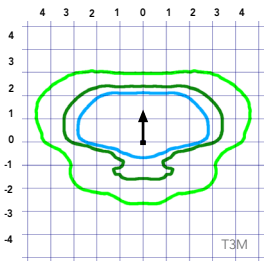
LEGEND

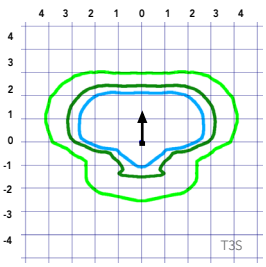
- 0.1 fc
- 0.5 fc
- 1.0 fc

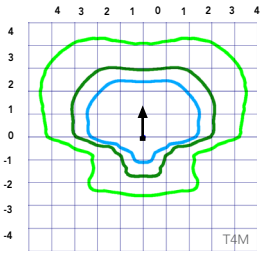


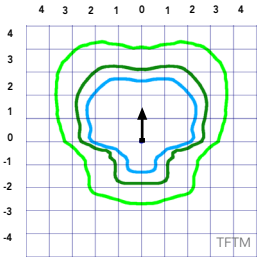


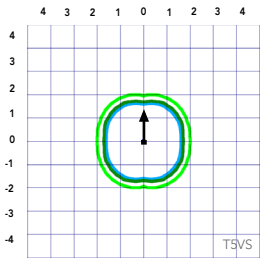


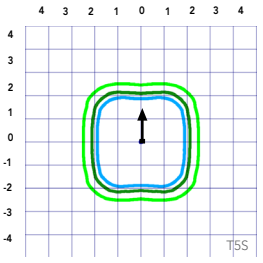


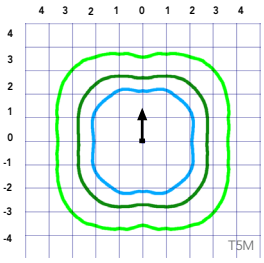


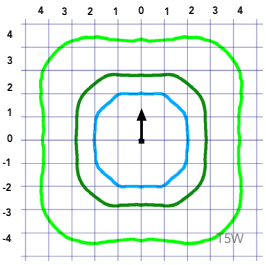


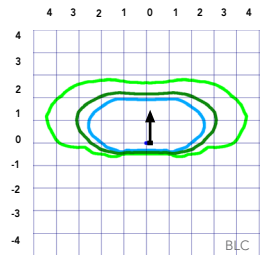


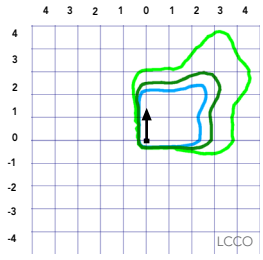


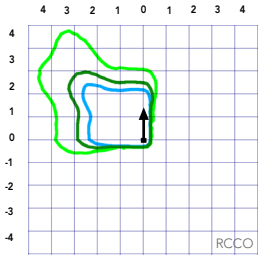












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Lumen Ambient Temperature (LAT) Multipliers

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	50°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.						

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

Controls Options

Nomenclature	Descripton	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the lumiaire; wired to the driver dimming leads.	Allows the lumiaire 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 independantly for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two seperately switched circuits. Consider nLight AIR as a more cost effective alternative.
PER5 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 Eclypse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

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Performance Data

Lumen Output

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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
				T5VS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131
				T5S	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131
				T5M	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130
				T5W	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
				T5VS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129
				T5S	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129
				T5M	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129
				T5W	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
				T5VS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125
				T5S	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125
				T5M	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125
				T5W	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126
				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
				T5VS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121
				T5S	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121
				T5M	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121
				T5W	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122
				BLC	8,036	1	0	2	87	8,656	1	0	2	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

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Performance Data

Lumen Output

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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
				T5VS	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
				T5W	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	3	0	3	121
				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
				T5VS	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
				T5W	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	3	0	3	112
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112
				T5VS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116
				T5S	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117
				T5M	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116
				T5W	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

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Lumen Output

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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
				T5VS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142
				T5S	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141
				T5M	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141
				T5W	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116
				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	3	0	3	130
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129
				TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133
				T5VS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134
				T5S	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132
				T5M	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132
				T5W	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109
				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	3	0	3	127
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130
				T5VS	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
				T5W	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76
P13	30	1300	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122
				TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125
				T5VS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126
				T5S	14,679	3	0	1	115	15,814	3	0	1	124	16,014	3	0	1	125
				T5M	14,676	4	0	2	115	15,810	4	0	2	124	16,010	4	0	2	125
				T5W	14,544	4	0	3	114	15,668	4	0	3	122	15,866	4	0	3	124
				BLC	7919	3	0	3	62	8531	3	0	3	67	8639	3	0	3	67
				LCCO	5145	1	0	2	40	5543	1	0	2	43	5613	1	0	2	44
					5139	3	0	3	40	5536	3	0	3	43	5606	3	0	3	44

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A+ Capable Luminaire

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

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

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

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

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 ft^2) 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 programing 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 luminaries 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 Eclypse. 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 photocontrol receptacle are also available.

LISTINGS

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

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

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

WARRANTY

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

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WPX LED
Wall Packs

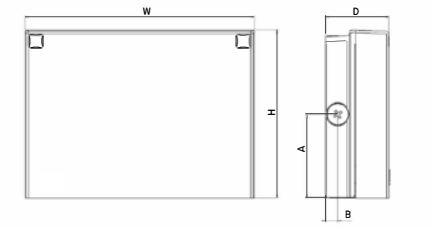
Catalog Number

Notes

Type

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

Specifications



Front View **Side View**

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

Series		Color Temperature		Voltage		Options		Finish	
WPX1 LED P1	1,550 Lumens, 11W [1]	30K	3000K	MVOLT	120V - 277V	(blank)	None	DDBXD	Dark bronze
WPX1 LED P2	2,900 Lumens, 24W	40K	4000K	347	347V [3]	E4WH	Emergency battery backup, CEC compliant (4W, 0°C min) [2]	DWHXD	White
WPX2 LED	6,000 Lumens, 47W	50K	5000K			E14WC	Emergency battery backup, CEC compliant (14W, -20°C min) [2]	DBLXD	Black
WPX3 LED	9,200 Lumens, 69W					PE	Photocell [3]	Note : For other options, consult factory.	

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

1. All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection.
   Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
2. Battery pack options only available on WPX1 and WPX2.
3. Battery pack options not available with 347V and PE options.

FEATURES & SPECIFICATIONS

INTENDED USE
The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution.

CONSTRUCTION
WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection).
All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION
WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. 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/QPL to confirm which versions are qualified. International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

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

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

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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Performance Data

Electrical Load

Luminaire	Input Power (W)	120V	208V	240V	277V	347V
WPX1 LED P1	11W	0.09	0.05	0.05	0.04	0.03
WPX1 LED P2	24W	0.20	0.12	0.10	0.09	0.07
WPX2	47W	0.39	0.23	0.20	0.17	0.14
WPX3	69W	0.58	0.33	0.29	0.25	0.20

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 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	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

HID Replacement Guide

Luminaire	Equivalent HID Lamp	WPX Input Power
WPX1 LED P1	100W	11W
WPX1 LED P2	150W	24W
WPX2	250W	47W
WPX3	400W	69W

Lumen Output

Luminaire	Color Temperature	Lumen Output
WPX1 LED P1	3000K	1,537
	4000K	1,568
	5000K	1,602
WPX1 LED P2	3000K	2,748
	4000K	2,912
	5000K	2,954
WPX2	3000K	5,719
	4000K	5,896
	5000K	6,201
WPX3	3000K	8,984
	4000K	9,269
	5000K	9,393

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Emergency Egress Battery Packs

The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

Battery Type	Minimum Temperature Rating	Power (Watts)	Controls Option	Ordering Example
Standard	0°C	4W	E4WH	WPX2 LED 40K MVOLT **E4WH** DDBXD
Cold Weather	-20°C	14W	E14WC	WPX2 LED 40K MVOLT **E14WC** DDBXD

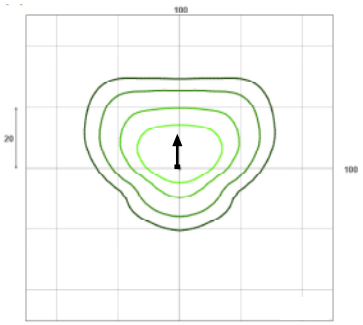
Photometric Diagrams

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

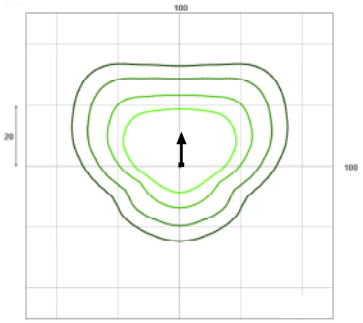
LEGEND

- 0.1 fc
- 0.2 fc
- 0.5 fc
- 1.0 fc

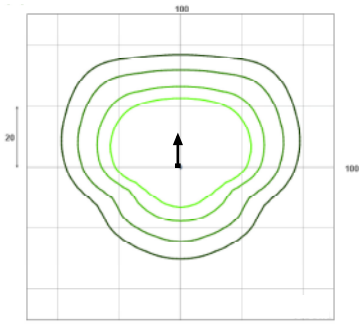
WPX1 LED P1



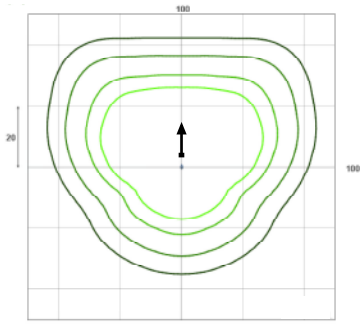
WPX1 LED P2



WPX2 LED



WPX3 LED



Mounting Height = 12 Feet.

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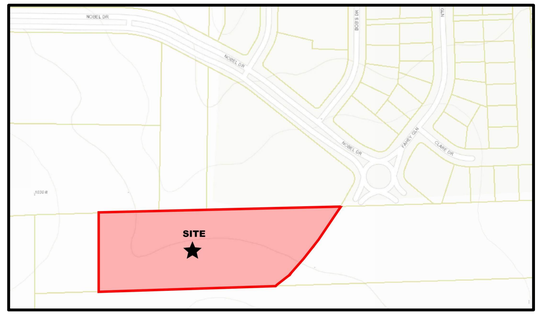
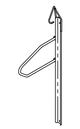


BIKE RACKS:

INTERIOR & EXTERIOR FLOOR MOUNTED: "INVERTED U" TYPE. MADRAX UX OR SARIS BIKE DOCK



INTERIOR WALL MOUNTED: MADRAX VERTICAL RACK OR SARIS BIKE TRACK

1 / C-1.1 SITE PLAN

1" = 50'

GRAPHIC SCALE

0 50 100 150

1 INCH = 50 FT (24X36 SHEET)

SHEET INDEX

SITE DEVELOPMENT DATA:

LEGAL DESCRIPTION: LOT 270 & 271 HIGHFIELD RESERVE

PD-GIP ZONING TEXT:

MINIMUM FRONT YARD SETBACK:	20' (FRONT PORCHES 15')
MINIMUM SIDE YARD SETBACK:	10'
MINIMUM STREET SIDE SETBACK:	20'
MINIMUM REAR SETBACK:	25'
MAXIMUM BUILDING HEIGHT:	50' OR 3 STORIES
REQUIRED OFF-STREET PARKING:	COMPLY WITH ZONING STANDARDS
MAX. LOT COVERAGE:	35%
MAX. IMPERVIOUS SURFACE RATIO:	65%

LOT	LOT 270	LOT 271
LOT AREA	162,462 S.F. / 3.73 Acre	289,759 S.F / 6.65 Acre
DWELLING UNITS	70 UNITS	158 UNITS
DENSITY	18.8 UNITS/ACRE	23.8 UNITS/ACRE
LOT COVERAGE:	33%	29%
IMPERVIOUS SURFACE RATIO:	56%	43%

BUILDING HEIGHT 2-3 STORIES, 50' MAX.

DWELLING UNIT MIX:	LOT 270	LOT 271	TOTAL
STUDIO	6	24	30
ONE BEDROOM	32	85	117
ONE BEDROOM + DEN	8	11	19
TWO BEDROOM	16	35	51
THREE BEDROOM	8	3	11
TOTAL UNITS	70	158	228
VEHICLE PARKING STALLS:			
STRUCTURED	86	174	260
SURFACE	74	68	142
TOTAL	160	242	402
PARKING RATIO	2.29	1.63	1.76
BICYCLE PARKING:			
STRUCTURED	62	105	167
SURFACE	4	12	16
TOTAL	66	117	183

GENERAL NOTES:

1. ALL WORK IN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE VILLAGE OF WAUNAKEE STANDARD DETAILS AND SPECIFICATIONS.

2. THE ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM 1:20 RUNNING SLOPE AND A MAXIMUM 1:48 CROSS SLOPE. CURB RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12 AND SHALL HAVE NO MORE THAN A 6 INCH RISE.

3. ACCESSIBLE PARKING STALLS SHALL HAVE A MAXIMUM SLOPE OF 1:48 IN ALL DIRECTIONS.

4. PROVIDE ACCESSIBLE PARKING SIGN AT THE HEAD OF EACH ACCESSIBLE STALL. BOTTOM OF SIGN SHALL BE MOUNTED AT 60 INCHES ABOVE GRADE.

5. PROVIDE CONCRETE WHEEL STOP AT HEAD OF EACH ACCESSIBLE STALL WHERE PARKING STALL SURFACE IS FLUSH WITH WALK.

6. PROVIDE A DETECTABLE WARNING INSERT AT ALL CURB RAMPS THAT ENTER A VEHICULAR WAY.

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

ISSUED

Comprehensive Development Plan - 9-21-2021
Pre-App Submittal - November 17, 2021
GIP Submittal - February 15, 2022
SIP Submittal - April 19, 2022

PROJECT TITLE

Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE

Site Plan

SHEET NUMBER

C-1.1

PROJECT NO. 2104

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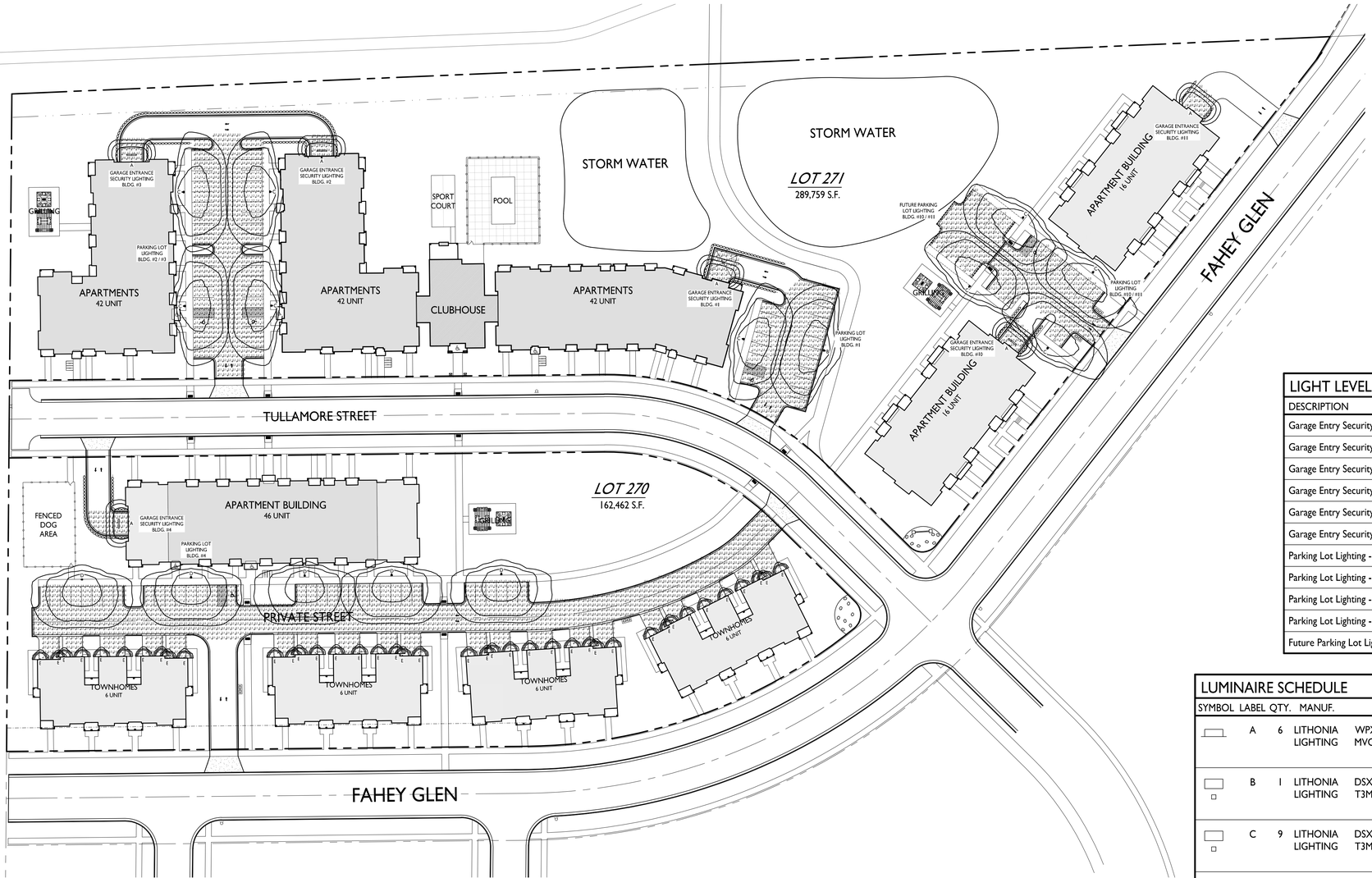


LIGHT LEVEL STATISTICS

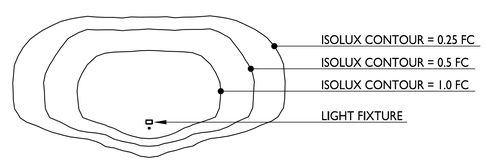
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Garage Entry Security Lighting - Bldg. #1	+	1.5 fc	5.8 fc	0.1 fc	58.0:1	15.0:1
Garage Entry Security Lighting - Bldg. #2	+	2.1 fc	6.4 fc	0.3 fc	21.3:1	7.0:1
Garage Entry Security Lighting - Bldg. #3	+	1.9 fc	6.2 fc	0.3 fc	20.7:1	6.3:1
Garage Entry Security Lighting - Bldg. #4	+	1.3 fc	6.4 fc	0.0 fc	N/A	N/A
Garage Entry Security Lighting - Bldg. #10	+	2.3 fc	5.9 fc	0.9 fc	6.6:1	2.6:1
Garage Entry Security Lighting - Bldg. #11	+	2.0 fc	5.9 fc	0.2 fc	29.5:1	10.0:1
Parking Lot Lighting - Bldg. #1	+	0.8 fc	1.9 fc	0.1 fc	19.0:1	8.0:1
Parking Lot Lighting - Bldg. #1 / #2	+	0.7 fc	1.5 fc	0.1 fc	15.0:1	7.0:1
Parking Lot Lighting - Bldg. #4	+	0.7 fc	38.7 fc	0.0 fc	N/A	N/A
Parking Lot Lighting - Bldg. #10 / #11	+	0.8 fc	1.5 fc	0.3 fc	5.0:1	2.7:1
Future Parking Lot Lighting - Bldg. #10 / #11	+	0.6 fc	1.4 fc	0.1 fc	14.0:1	6.0:1

LUMINAIRE SCHEDULE

NOTE: ALL FIXTURES MUST BE DARK SKY COMPLIANT

SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	6	LITHONIA LIGHTING	WPX1 LED P1 30K MVOLT	WPX1 LED WALLPACK, 1500LM, 3000K COLOR TEMP., 120-277 VOLTS	WPX1_LED_P1_30K _MVOLT.ies	8'-0" ABOVE GRADE ON BUILDING
	B	1	LITHONIA LIGHTING	DSX0 LED P1 30K T3M MVOLT	DSX0 LED P1 30K T4M MVOLT	DSX0_LED_P1_30K _T3M_MVOLT_.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE
	C	9	LITHONIA LIGHTING	DSX0 LED P1 30K T3M MVOLT HS	DSX0 LED P1 30K T3M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_P1_30K _T3M_MVOLT_HS.ies	18'-0" POLE ON FLUSH CONC. BASE
	D	5	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
	E	40	T.B.D	GENERIC LED LIGHT FIXTURE SHOWN WITH 60 WATT EQUIVALENT BULB			6'-0" ABOVE GRADE ON BUILDING

EXAMPLE LIGHT FIXTURE DISTRIBUTION



1 / C-1.2 OVERALL SITE LIGHTING PLAN

1" = 50'-0"

GRAPHIC SCALE

0 50 100 150

1 INCH = 50 FT (24X36 SHEET)

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7601 University Ave, Ste 201
Middleton, WI 53562

ISSUED

GIP Submittal - February 15, 2022
SIP Submittal - April 19, 2022

PROJECT TITLE

Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE

Overall Site Lighting Plan

SHEET NUMBER

C-1.2

PROJECT NO. 2104

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1 / C-1.2a PARTIAL SITE LIGHTING PLAN

1" = 20'

GRAPHIC SCALE

0 20 40 60

1 INCH = 20 FT (24X36 SHEET)

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SIP Submittal - April 19, 2022

PROJECT TITLE

Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE

Partial Site Lighting Plan

SHEET NUMBER

C-1.2a

PROJECT NO. 2104

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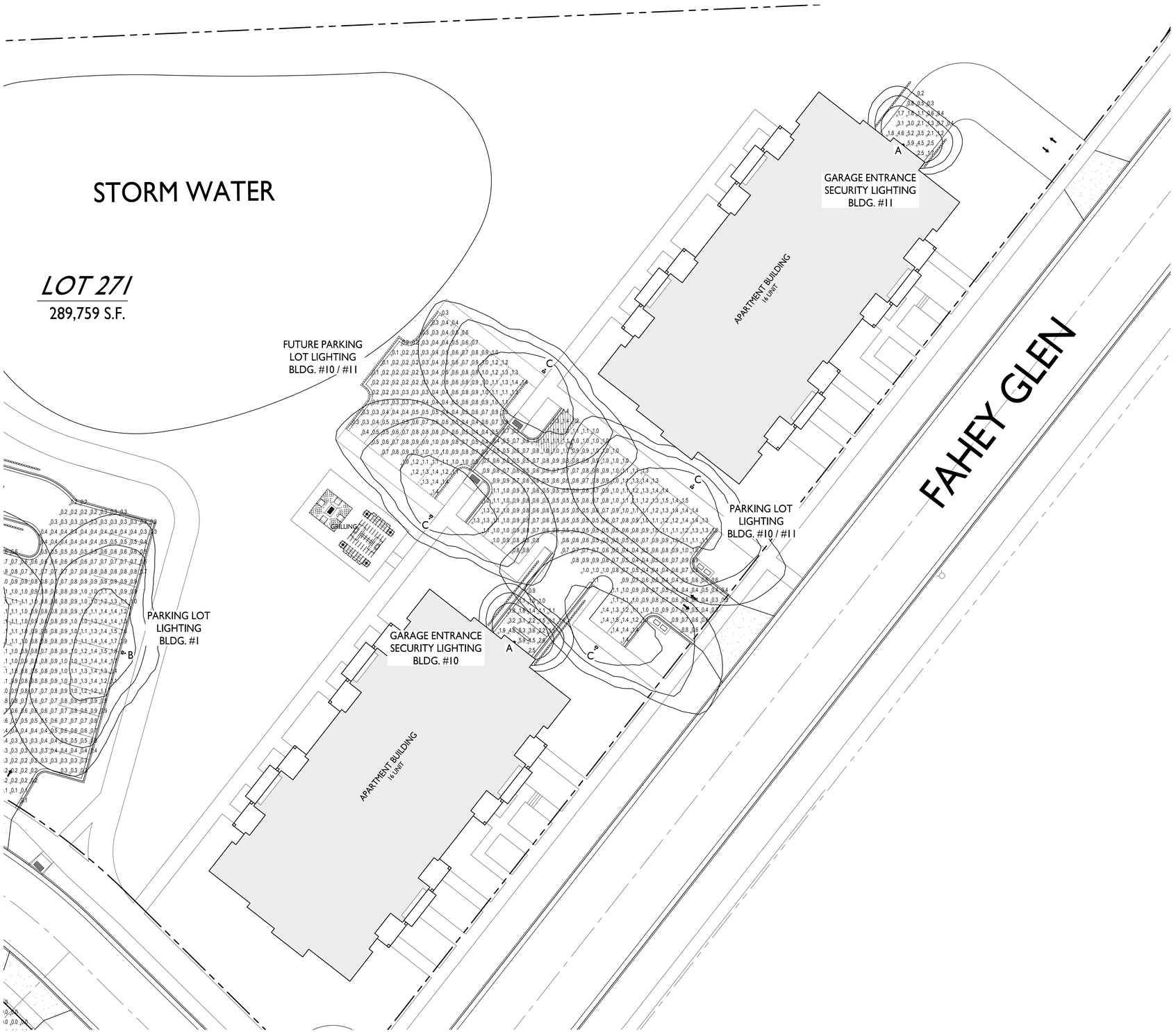

1 C-1.2b PARTIAL SITE LIGHTING PLAN

1" = 20'

GRAPHIC SCALE

0 20 40 60

1 INCH = 20 FT (24X36 SHEET)

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PROJECT TITLE

Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE

Partial Site Lighting Plan

SHEET NUMBER

C-1.2b

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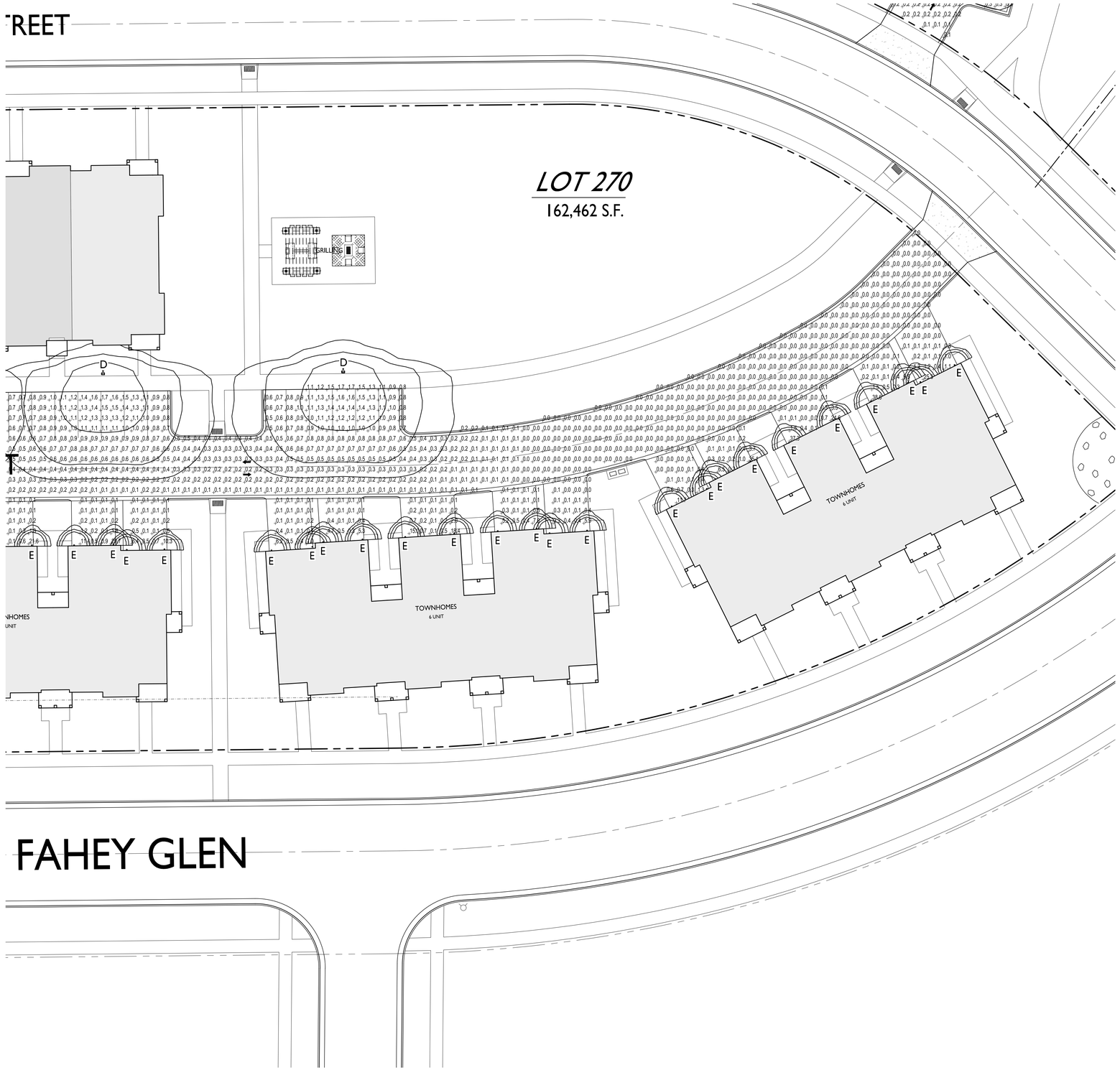

1 C-1.2c PARTIAL SITE LIGHTING PLAN
1" = 20'

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

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7601 University Ave, Ste 201
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ISSUED
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SIP Submittal - April 19, 2022

PROJECT TITLE
Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE
Partial Site Lighting Plan

SHEET NUMBER
C-1.2c

PROJECT NO. 2104

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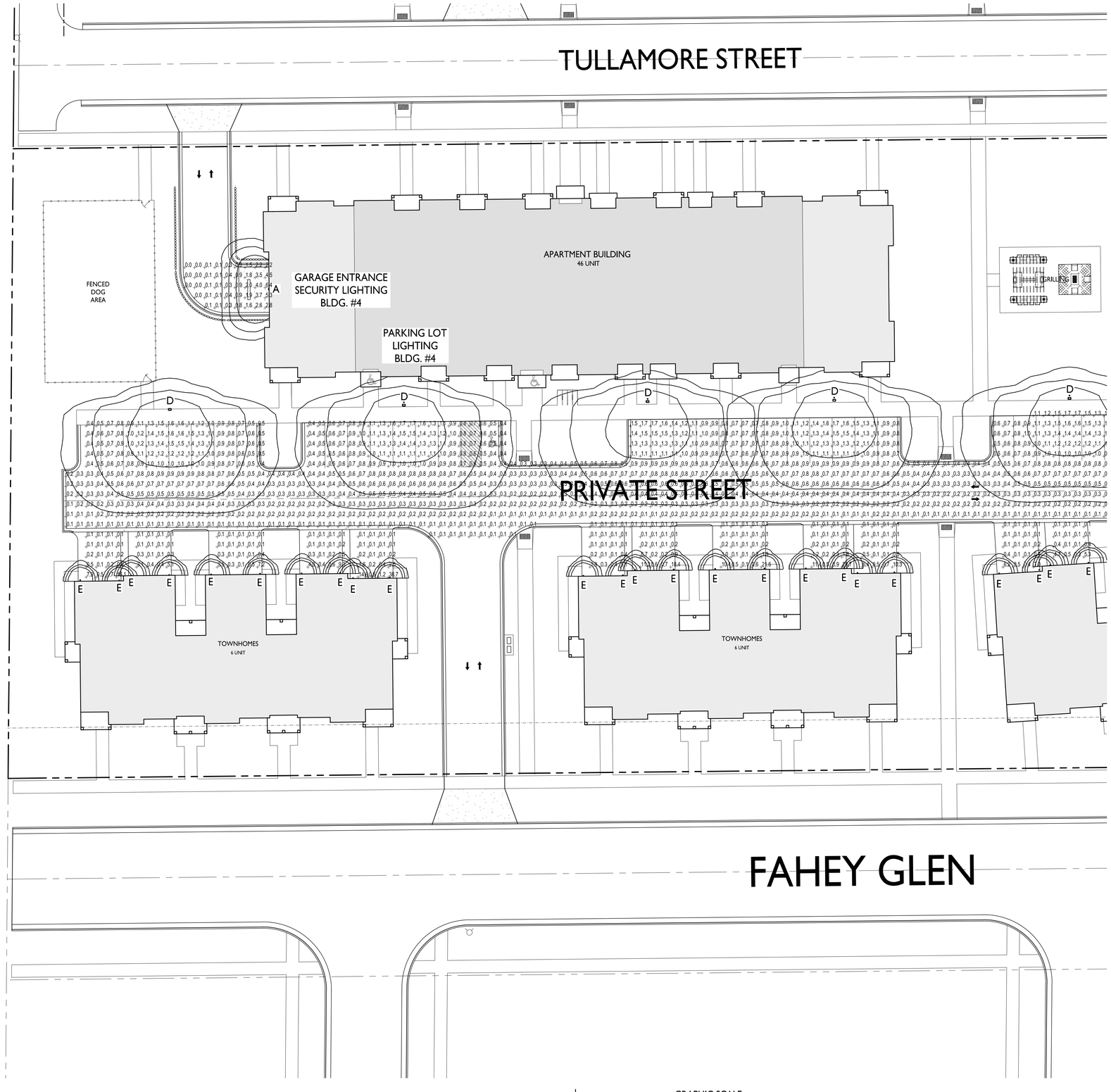

1 C-1.2d PARTIAL SITE LIGHTING PLAN

1" = 20'

GRAPHIC SCALE

0 20 40 60

1 INCH = 20 FT (24X36 SHEET)

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PROJECT TITLE

Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE

Partial Site Lighting Plan

SHEET NUMBER

C-1.2d

PROJECT NO. 2104

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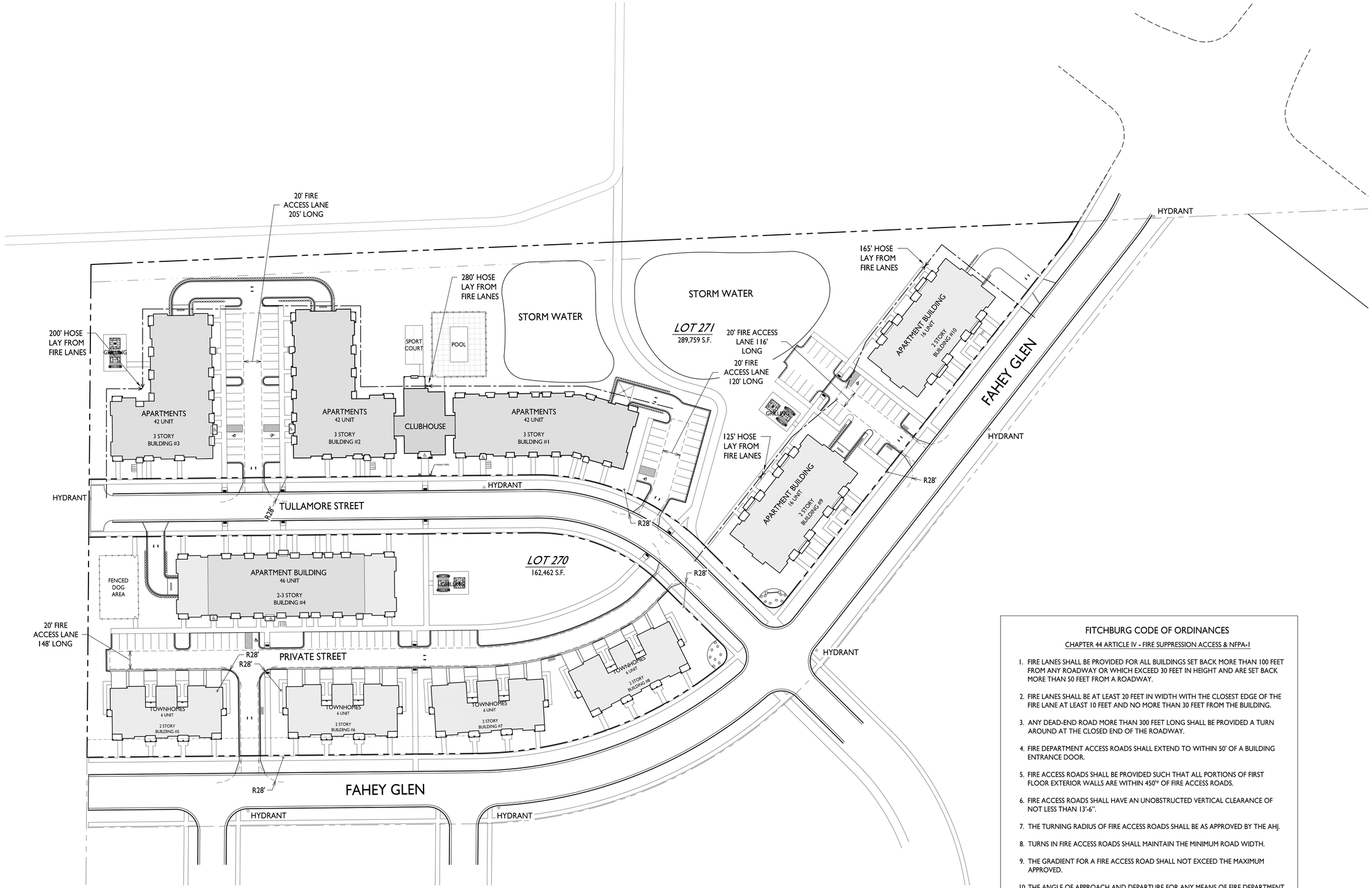

1 C-1.3 FIRE DEPARTMENT ACCESS PLAN
1" = 50'-0"

GRAPHIC SCALE
0 50 100 150
1 INCH = 50 FT (24X36 SHEET)

FITCHBURG CODE OF ORDINANCES

CHAPTER 44 ARTICLE IV - FIRE SUPPRESSION ACCESS & NFPA-1

1. FIRE LANES SHALL BE PROVIDED FOR ALL BUILDINGS SET BACK MORE THAN 100 FEET FROM ANY ROADWAY OR WHICH EXCEED 30 FEET IN HEIGHT AND ARE SET BACK MORE THAN 50 FEET FROM A ROADWAY.
2. FIRE LANES SHALL BE AT LEAST 20 FEET IN WIDTH WITH THE CLOSEST EDGE OF THE FIRE LANE AT LEAST 10 FEET AND NO MORE THAN 30 FEET FROM THE BUILDING.
3. ANY DEAD-END ROAD MORE THAN 300 FEET LONG SHALL BE PROVIDED A TURN AROUND AT THE CLOSED END OF THE ROADWAY.
4. FIRE DEPARTMENT ACCESS ROADS SHALL EXTEND TO WITHIN 50' OF A BUILDING ENTRANCE DOOR.
5. FIRE ACCESS ROADS SHALL BE PROVIDED SUCH THAT ALL PORTIONS OF FIRST FLOOR EXTERIOR WALLS ARE WITHIN 450'* OF FIRE ACCESS ROADS.
6. FIRE ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13'-6".
7. THE TURNING RADIUS OF FIRE ACCESS ROADS SHALL BE AS APPROVED BY THE AHJ.
8. TURNS IN FIRE ACCESS ROADS SHALL MAINTAIN THE MINIMUM ROAD WIDTH.
9. THE GRADIENT FOR A FIRE ACCESS ROAD SHALL NOT EXCEED THE MAXIMUM APPROVED.
10. THE ANGLE OF APPROACH AND DEPARTURE FOR ANY MEANS OF FIRE DEPARTMENT ACCESS ROAD SHALL NOT EXCEED 1' DROP IN 20' OR THE DESIGN LIMITATIONS OF THE FIRE APPARATUS OF THE FIRE DEPARTMENT AND SHALL BE SUBJECT TO APPROVAL BY THE AHJ.
11. A 3' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.

*WHEN BUILDINGS ARE PROTECTED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, 13D OR 13R.

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PROJECT TITLE
Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE
Fire Department Access Plan

SHEET NUMBER
C-1.3

PROJECT NO. 2104

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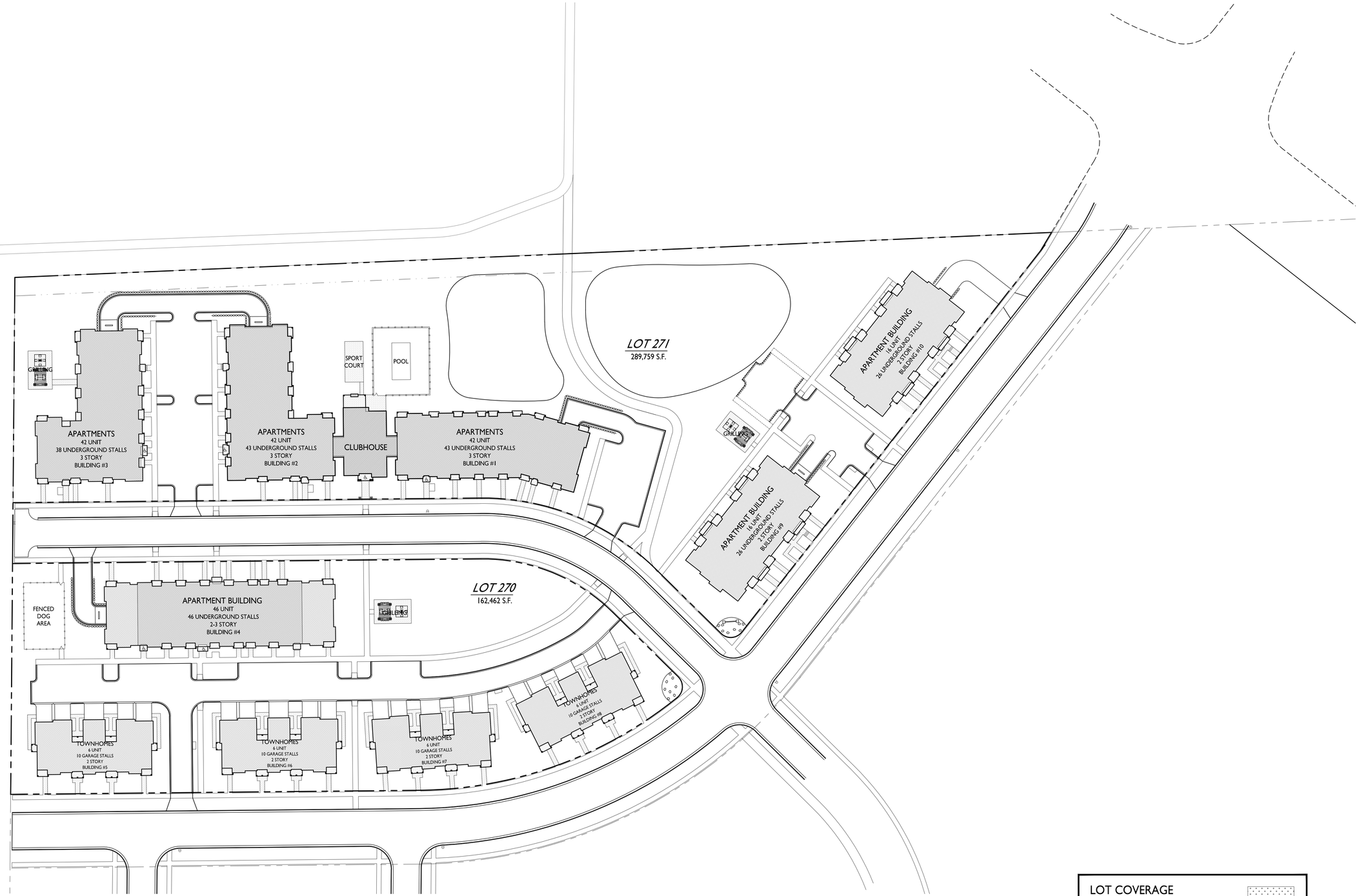

1 / C-1.3 LOT COVERAGE
1" = 50'

GRAPHIC SCALE
0 50 100 150
1 INCH = 50 FT (24X36 SHEET)

LOT COVERAGE

	LOT 270	LOT 271
ZONING:	PDD	PDD
LOT AREA:	162,462 S.F.	289,758 S.F.
LOT COVERAGE:	53,500 S.F.	83,500 S.F.
COVERAGE:	33%	29%

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PROJECT TITLE
Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE
Lot Coverage

SHEET NUMBER
C-1.4

PROJECT NO. 2104

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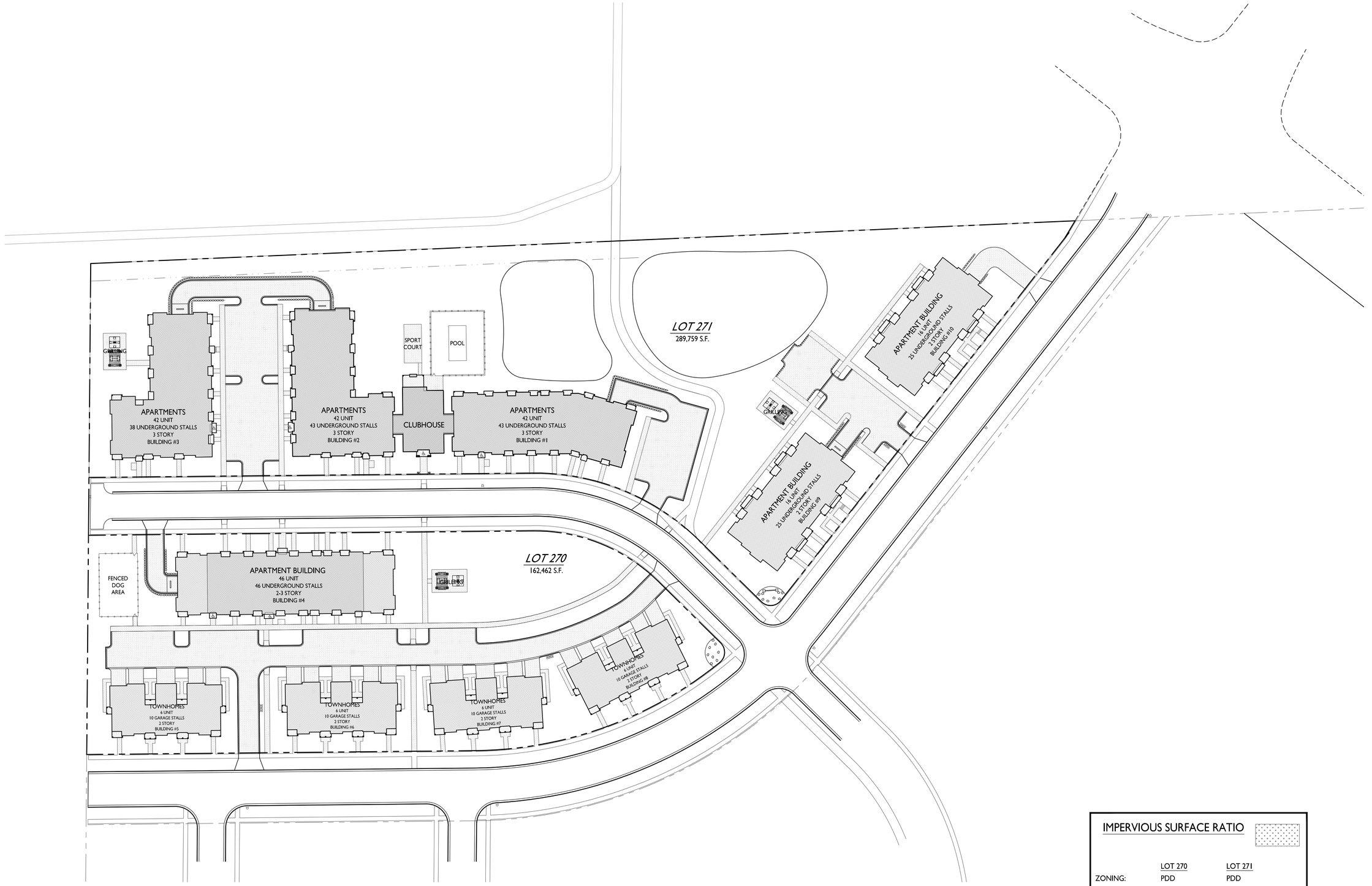

1 / C-1.3 IMPERVIOUS SURFACE RATIO
1" = 50'

GRAPHIC SCALE
0 50 100 150
1 INCH = 50 FT (24X36 SHEET)

IMPERVIOUS SURFACE RATIO

	LOT 270	LOT 271
ZONING:	PDD	PDD
LOT AREA:	162,462 S.F.	289,759 S.F.
IMPERVIOUS AREA:	91,500 S.F.	125,600 S.F.
COVERAGE:	56%	43%

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PROJECT TITLE
Fahey Glen South Development

Fitchburg, Wisconsin

SHEET TITLE
Usable Open Space

SHEET NUMBER
C-1.5

PROJECT NO. 2104

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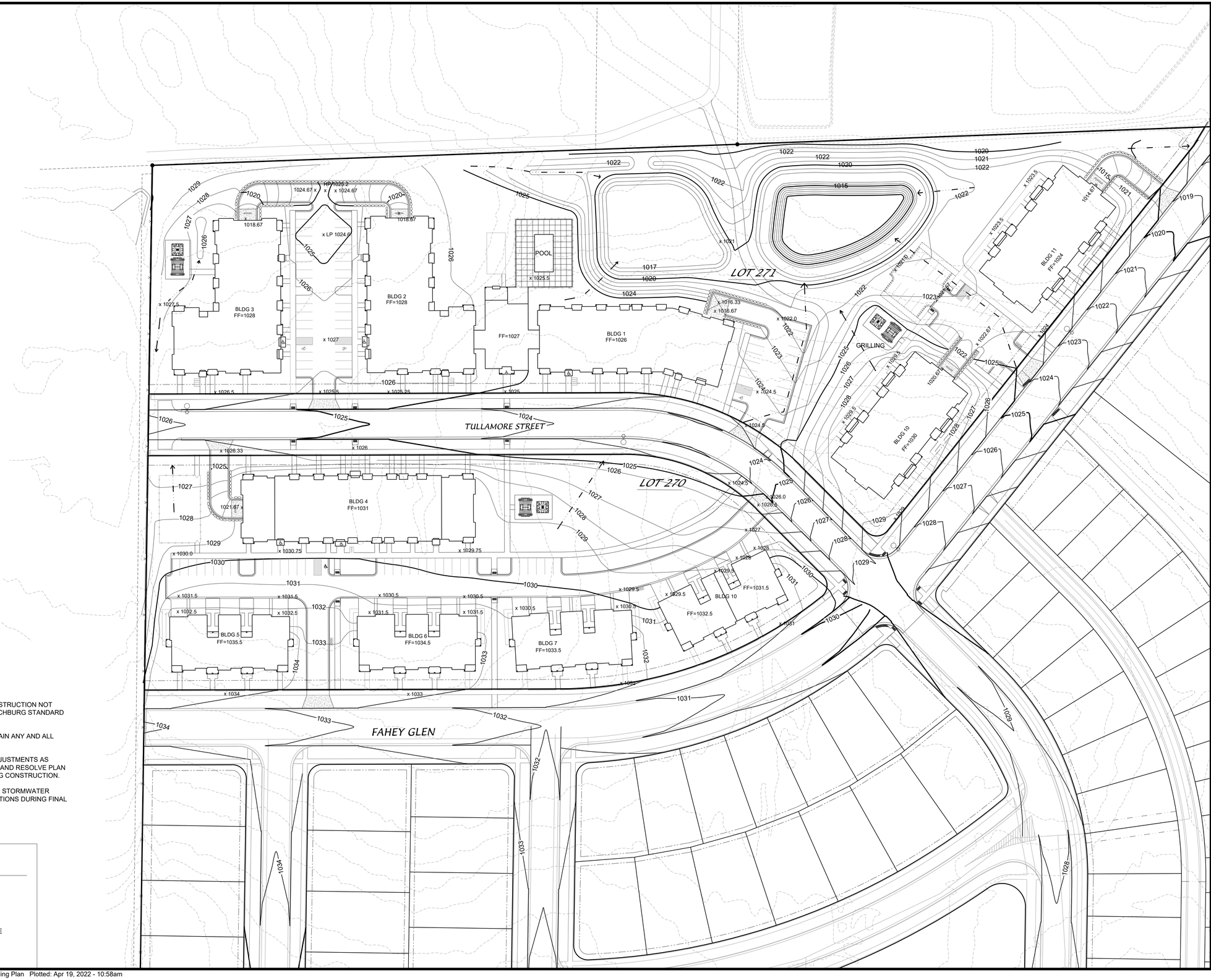

GENERAL NOTES

1. ALL WORK INCLUDING DETAILS OF CONSTRUCTION NOT SHOWN SHALL BE PER THE CITY OF FITCHBURG STANDARD SPECIFICATIONS
2. CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
3. CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENTS AS NEEDED TO MATCH FIELD CONDITIONS AND RESOLVE PLAN DISCREPANCIES ENCOUNTERED DURING CONSTRUCTION.
4. CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION.

LEGEND

900	PROPOSED CONTOUR
900	EXISTING CONTOUR
x 1018.67	PROPOSED FINISHED GRADE
	DRAINAGE FLOWLINE

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
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YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

GRADING PLAN

IRISH FIELDS

CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

SCALE: 1" = 100'
(PAGE SIZE: 11x17)
0 50

DATE: 02-14-22
REVISED:
04-19-22

DRAWN BY: ATF

FN: 21-03-105

Sheet Number:
C-2

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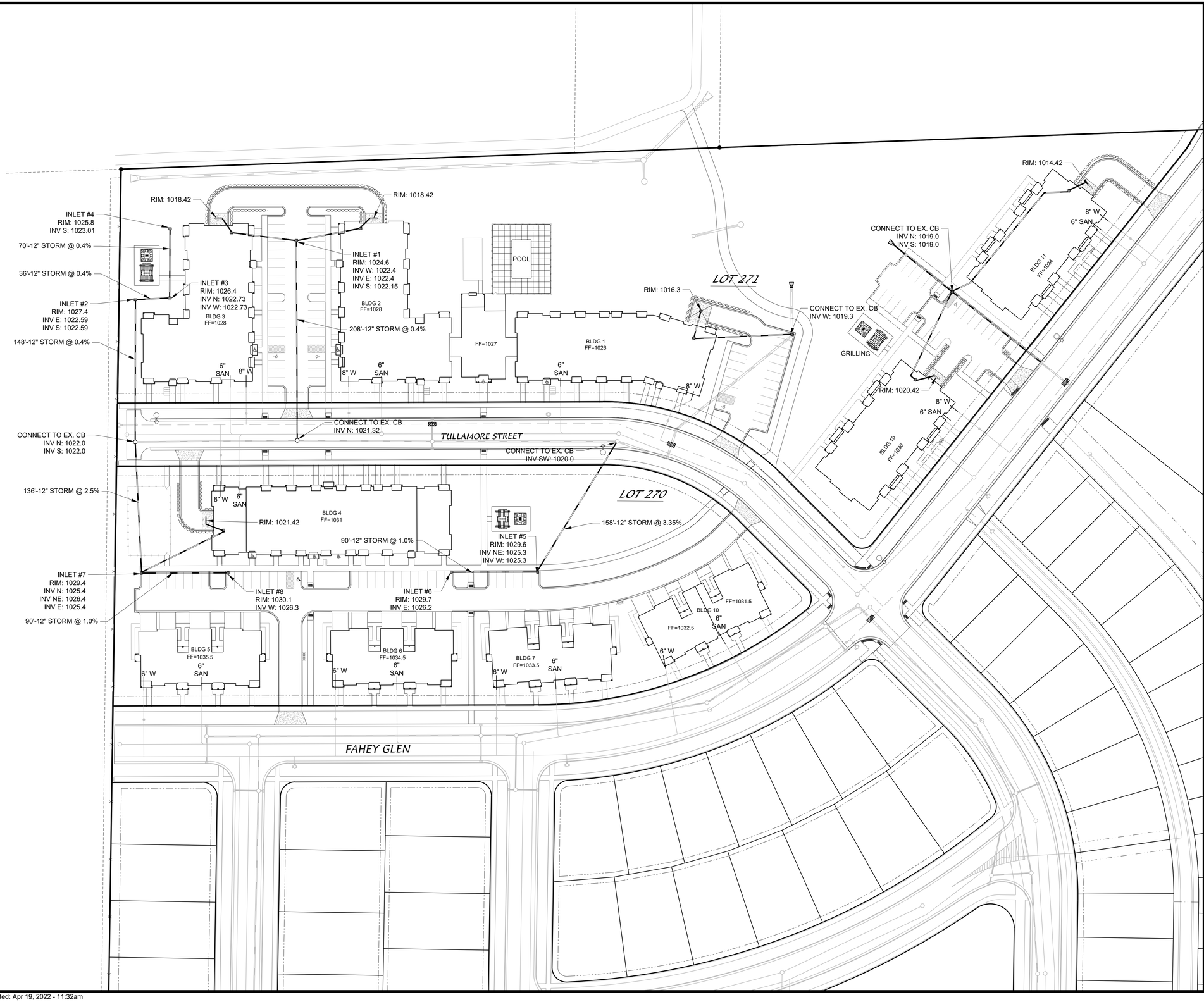

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IRISH FIELDS

UTILITY PLAN

CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

SCALE: 1"= 100'
(PAGE SIZE: 11x17)
0 50

DATE: 02-15-22
REVISED:
04-19-22

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FN: 21-03-105

Sheet Number:
C-3

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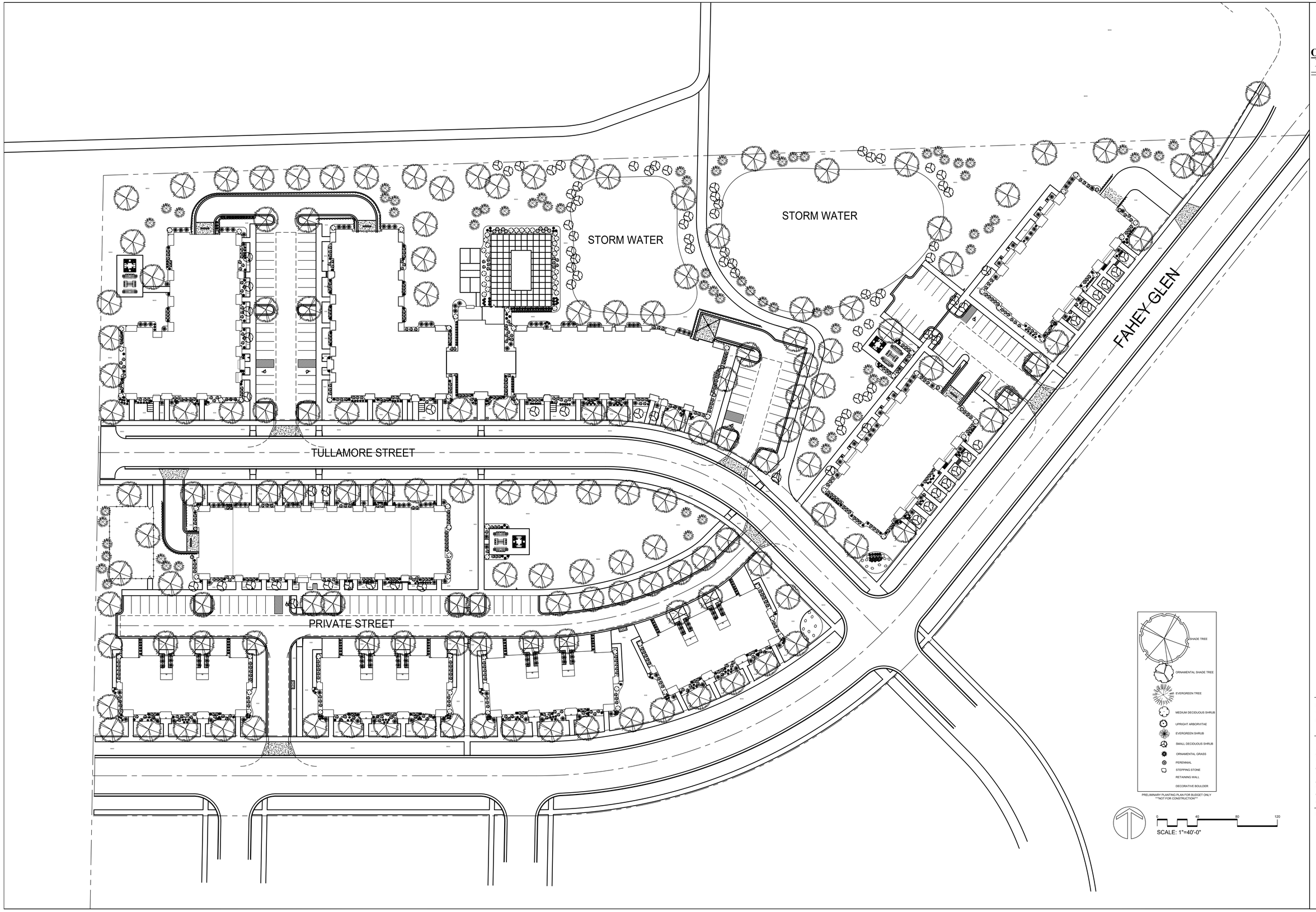
Verona, WI 53593
PH: (608) 827-9401
FAX: (608) 827-9402
WEB: www.olsontoon.com

IRISH FIELDS

Highfield Reserve - Multifamily Site
Fitchburg, Wisconsin



PRELIMINARY PLANTING PLAN FOR BUDGET ONLY
NOT FOR CONSTRUCTION

Date: February 14, 2022
Scale: 1" = 40'-0"
Designer: kms
Job #

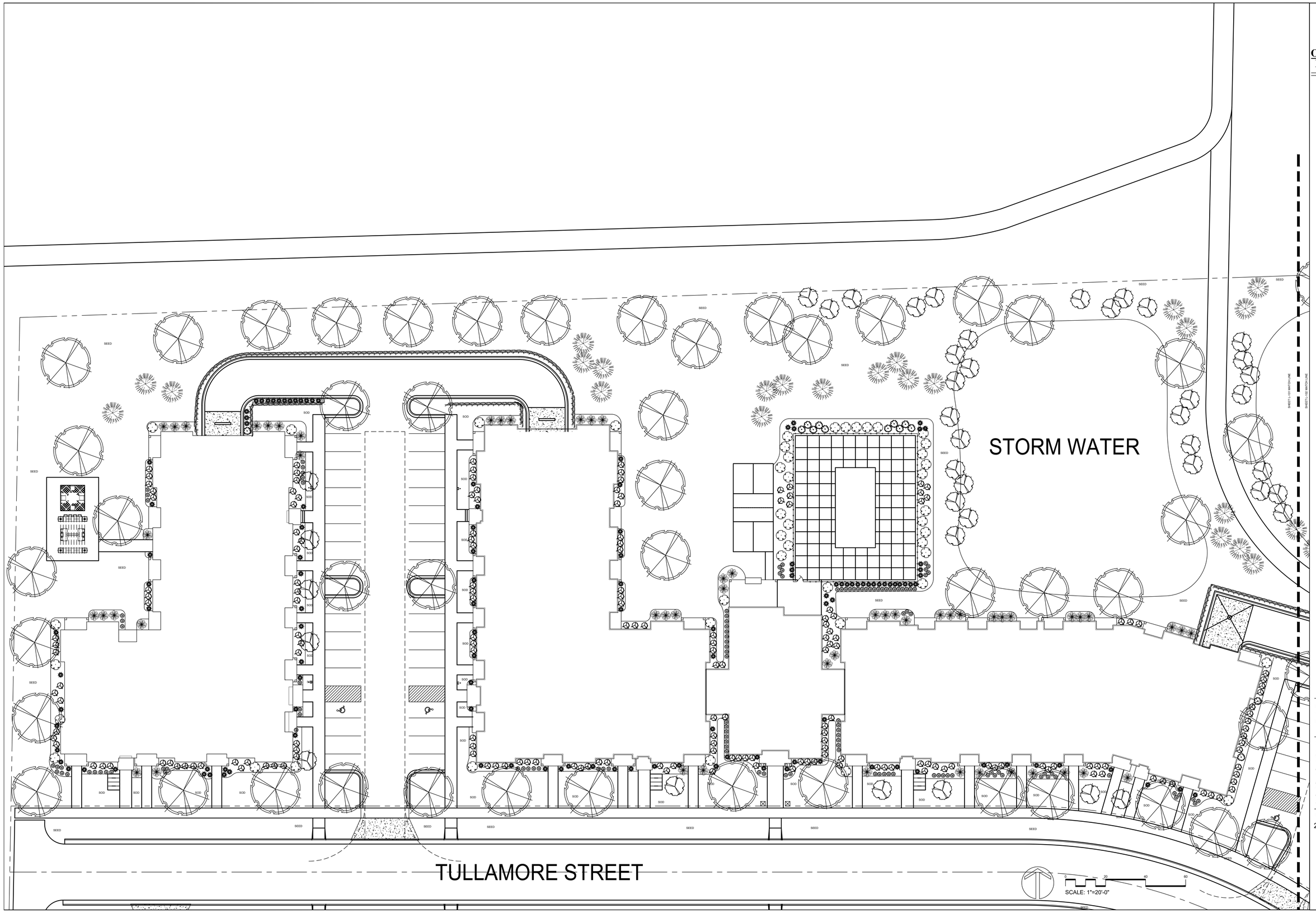
Seal:
To protect against legal liability, the plans presented herein are "schematic," and should not be outsourced as "biddable" or "construction documents" unless approved by the Landscape Designer. This is not an original document unless stamped in red, as ORIGINAL.

Revisions:

2022.04.15 kms

L-100

Reference Name:
McGann



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IRISH FIELDS

Highfield Reserve - Multifamily Site
Fitchburg, Wisconsin

Date: February 14, 2022
Scale: 1" = 20'-0"
Designer: kms
Job #

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L-101

Reference Name:
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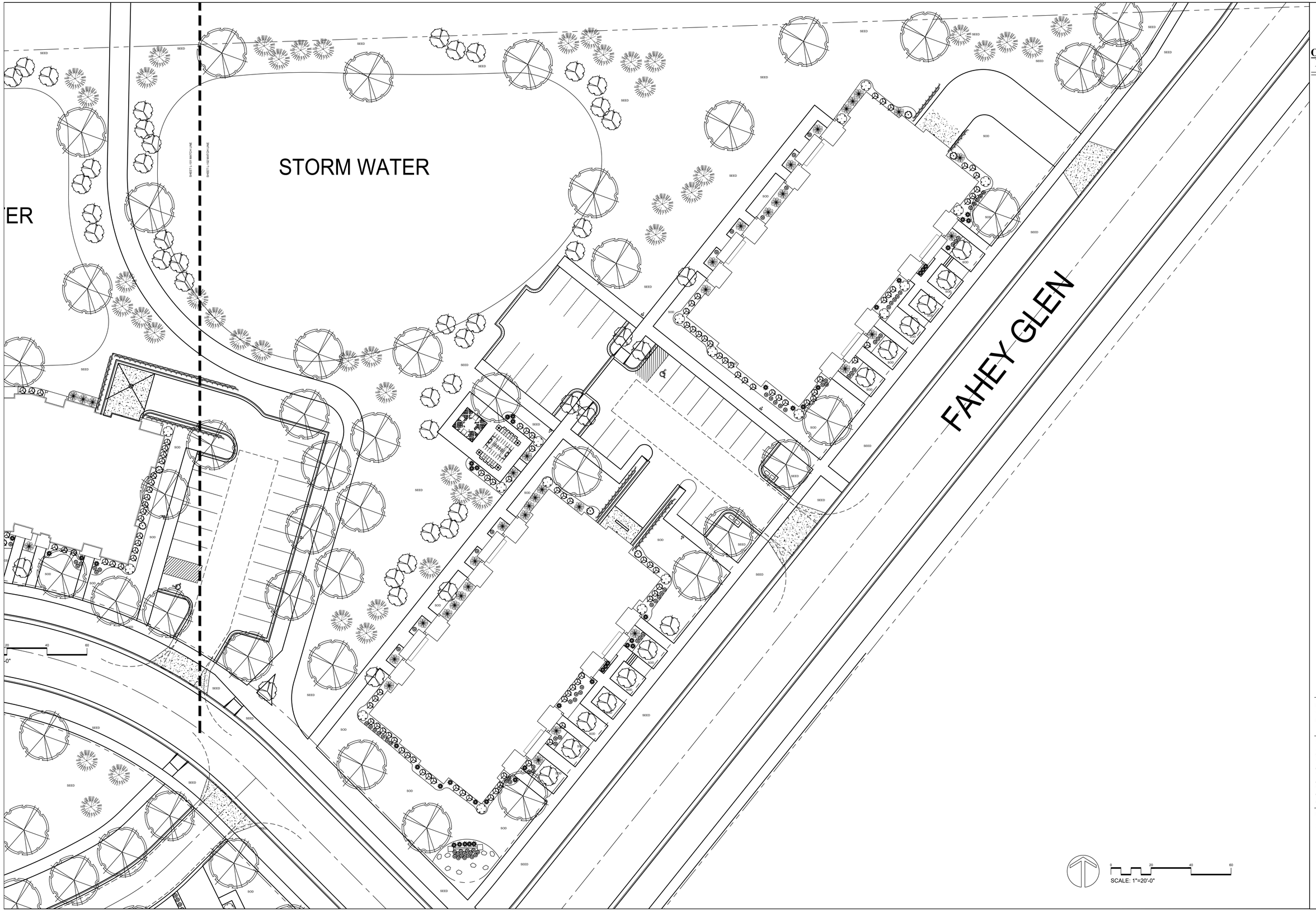

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IRISH FIELDS

Highfield Reserve - Multifamily Site
Fitchburg, Wisconsin

Date: February 14, 2022
Scale: 1" = 20'-0"
Designer: kms
Job #

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SCALE: 1"=20'-0"

L-102

Reference Name:
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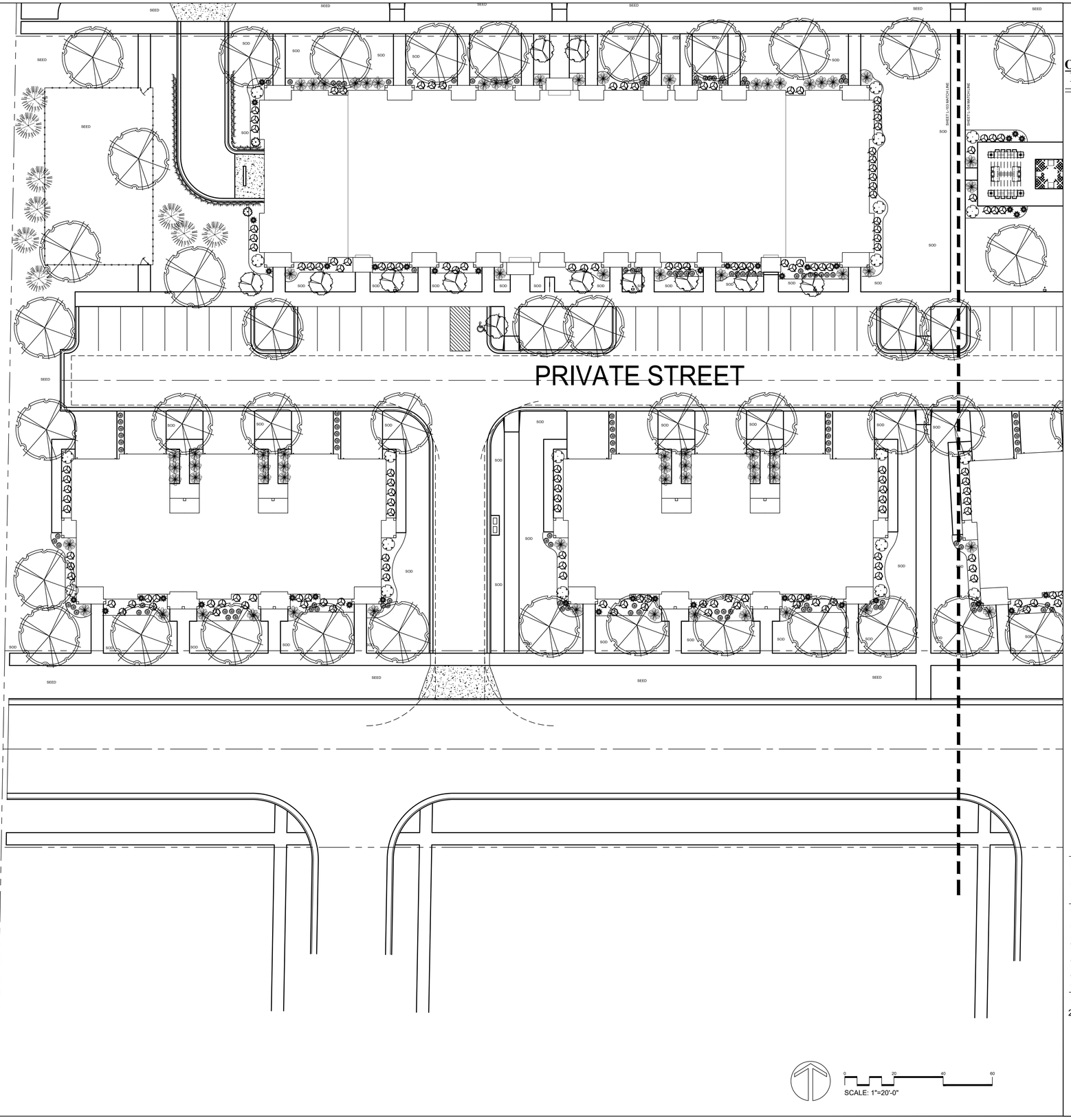

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IRISH FIELDS

Highfield Reserve - Multifamily Site
Fitchburg, Wisconsin

Date: February 14, 2022
Scale: 1" = 20'-0"
Designer: kms
Job #

Seal:
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2022.04.15 kms

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SCALE: 1"=20'-0"

L-103

Reference Name:
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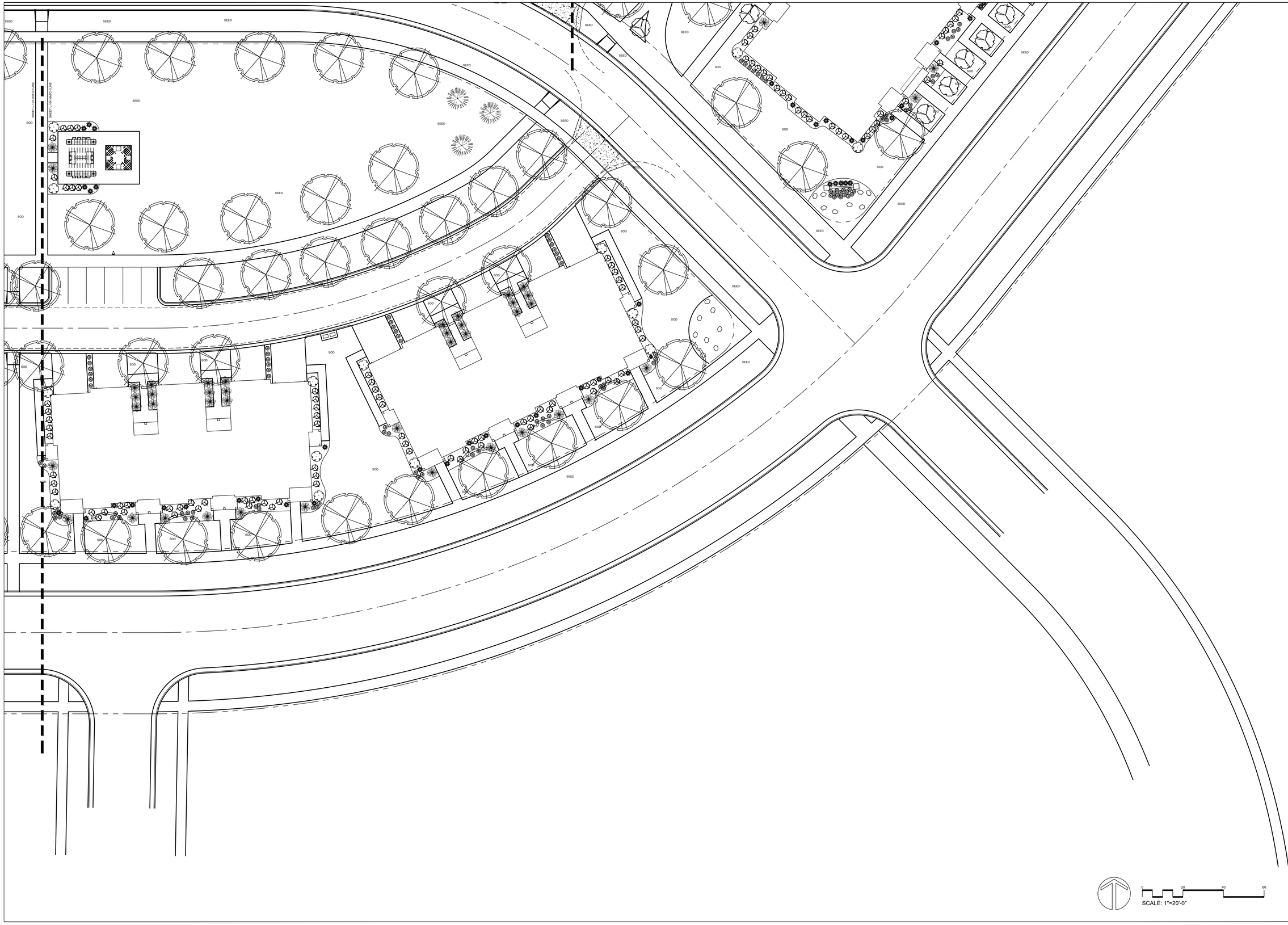

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IRISH FIELDS

Highfield Reserve - Multifamily Site
Fitchburg, Wisconsin

Date: February 14, 2022
Scale: 1" = 20'-0"
Designer: kms
Job #

Seal:
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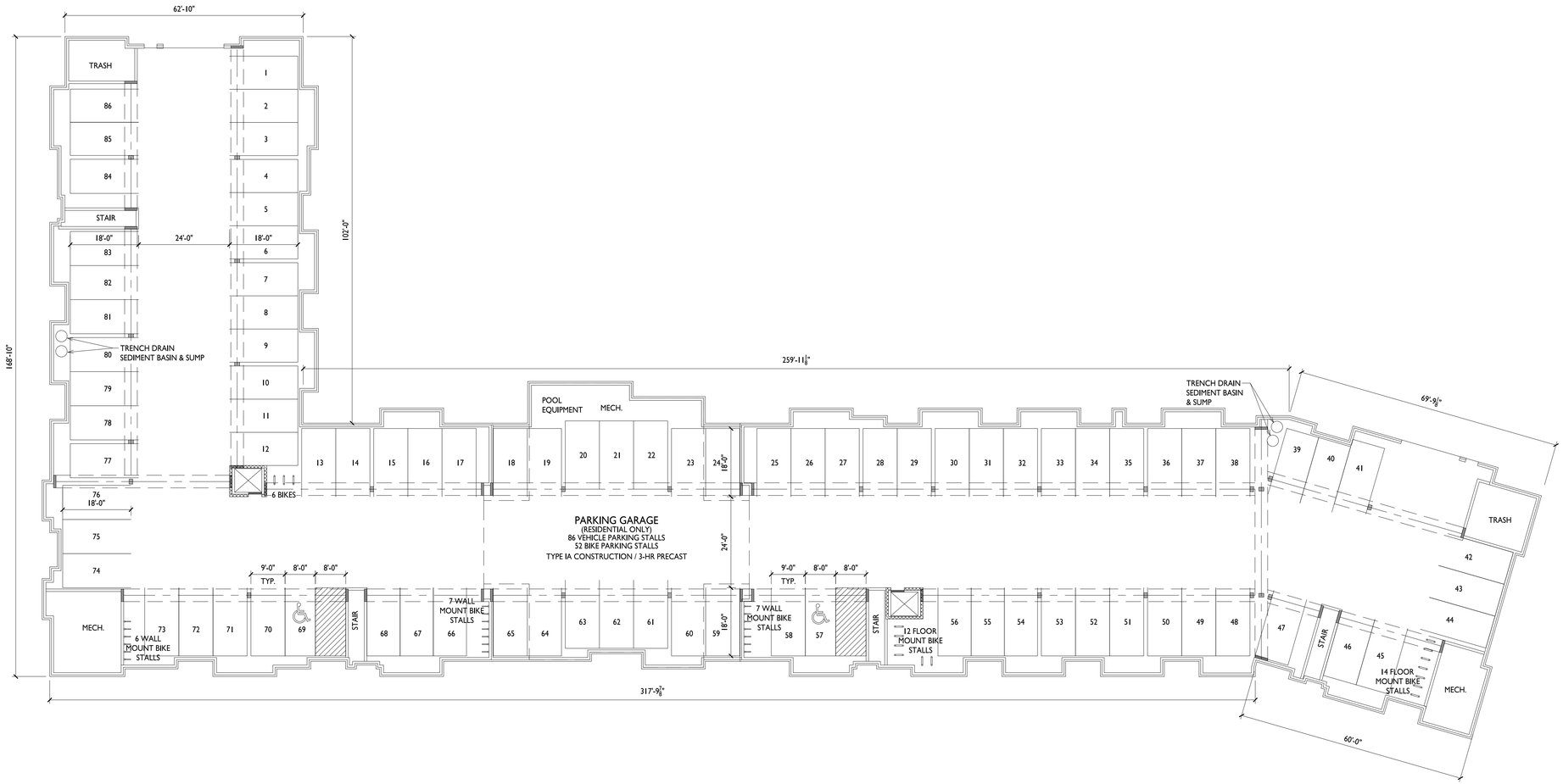

TOTAL FLOOR AREA: 32,893 S.F.

1 / A-1.0 BASEMENT FLOOR PLAN

1/16" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Basement Plan
Building 1-2

SHEET NUMBER
A-1.0

PROJECT NO. 2104

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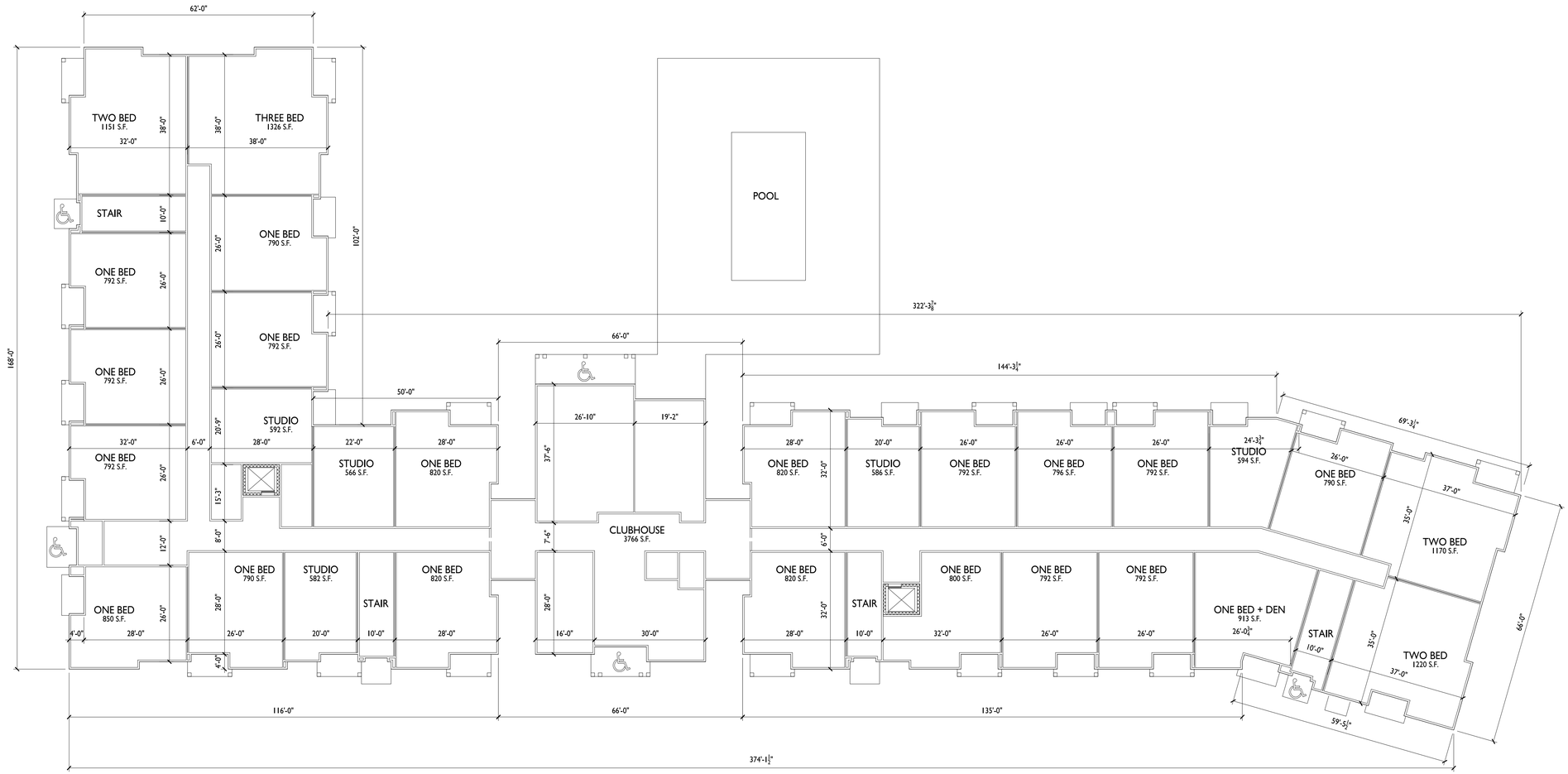

1 / A-1.1 FIRST FLOOR PLAN

1/16" = 1'-0"

BLDG #1 FLOOR AREA:	13,465 S.F.
CLUBHOUSE FLOOR AREA:	3,814 S.F.
BLDG #2 FLOOR AREA:	14,068 S.F.
TOTAL FLOOR AREA:	31,347 S.F.

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
First Floor Plan
Building 1-2

SHEET NUMBER
A-1.1

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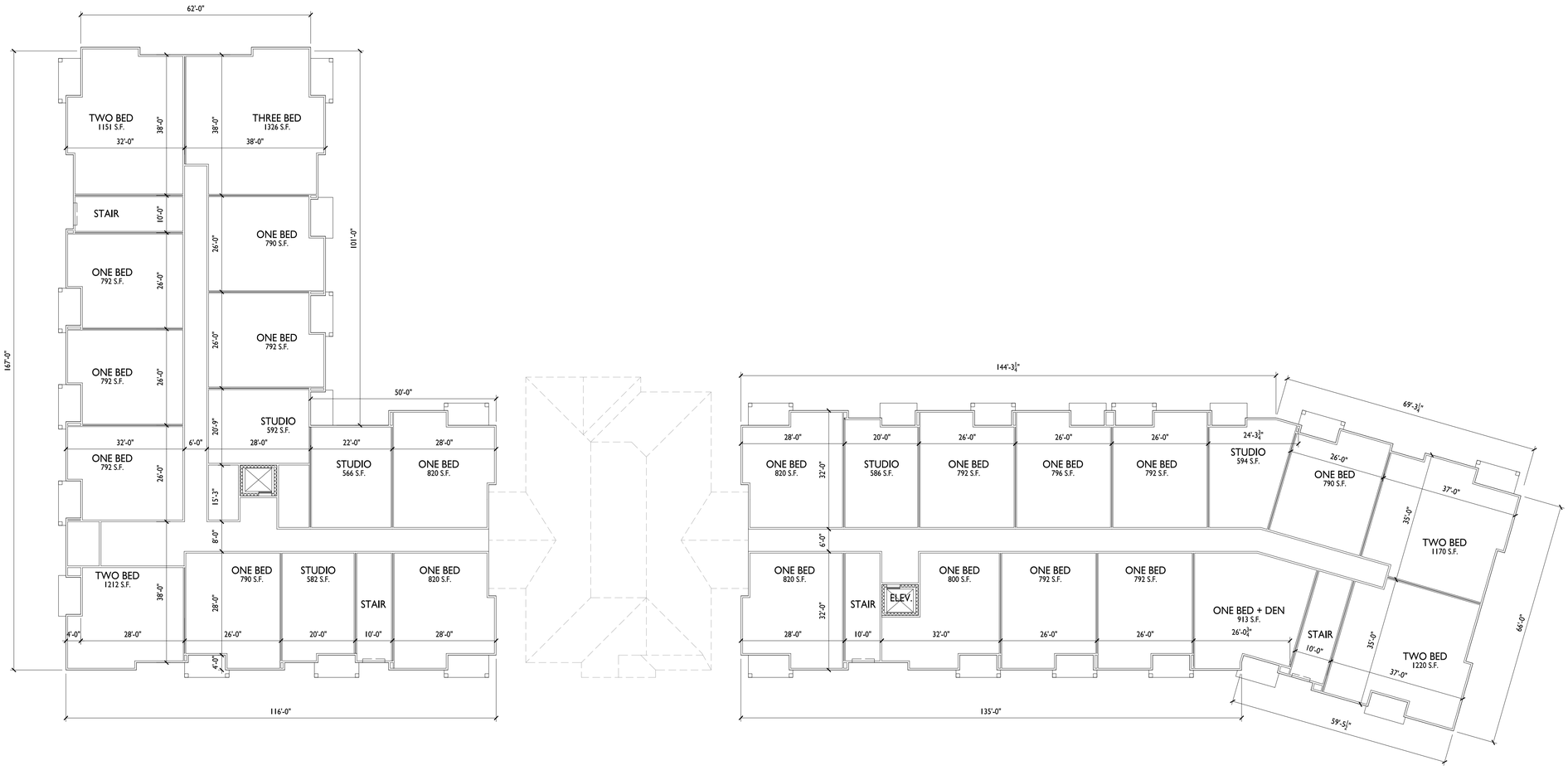

1 / A-1.2 SECOND FLOOR PLAN

1/16" = 1'-0"

BLDG #1 FLOOR AREA:	13,476 S.F.
BLDG #2 FLOOR AREA:	14,100 S.F.
TOTAL FLOOR AREA:	27,576 S.F.

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PROJECT TITLE

Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE

Second Floor Plan
Building 1-2

SHEET NUMBER

A-1.2

PROJECT NO. 2104

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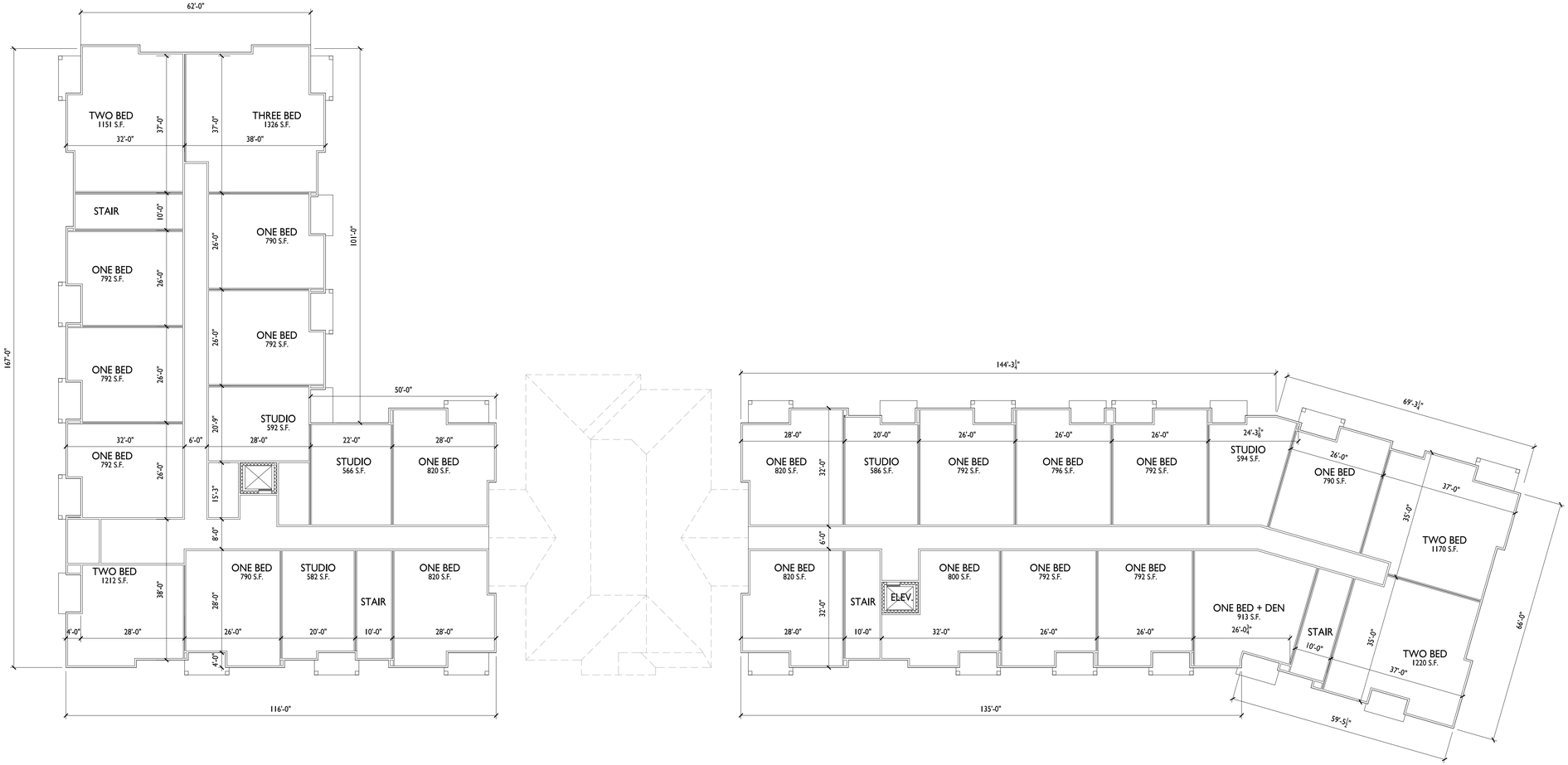

1 / A-1.3 THIRD FLOOR PLAN

1/16" = 1'-0"

BLDG #1 FLOOR AREA:	13,476 S.F.
BLDG #2 FLOOR AREA:	14,100 S.F.
TOTAL FLOOR AREA:	27,576 S.F.

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Third Floor Plan
Building 1-2

SHEET NUMBER
A-1.3

PROJECT NO. 2104

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1 / A-2.1 SOUTH ELEVATION - BUILDING 1-2

1/16" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING MATERIAL	MATERIAL	COLOR
ROOF	DIMENSIONAL ASPHALT SHINGLES	GAF - WEATHERED WOOD
HORIZONTAL LAP SIDING	COMPOSITE	LP CAVERN STEEL
BOARD & BATTEN SIDING	COMPOSITE	LP QUARRY GRAY
FREIZE, DECK, & WINDOW TRIM BOARDS	COMPOSITE	LP QUARRY GRAY
DECK COLUMNS & TIMBER ACCENTS	COMPOSITE	WOOD TONE WARM ESPRESSO
FASCIA	ALUM. WRAPPED	MAP QUARRY GRAY
DECK BOARDS	COMPOSITE	TREX SELECT - WINCHESTER GRAY
MASONRY VENEER	STONE VENEER	BUECHEL - STRATFORD CROSS ASHLAR
CAST STONE SILLS & HEADS	CAST STONE	EDWARDS CAST STONE - GRAY
WINDOWS & PATIO DOORS	COMPOSITE - ANDERSON 100	BLACK
RAILING	ALUMINUM	BLACK
BUILDING ENTRANCE SYSTEMS	ALUMINUM STOREFRONT	ANODIZED BLACK
UNIT ENTRY DOORS	STAINED FIBERGLASS	MATCH WOODTONE WARM ESPRESSO

2 / A-2.1 NORTH ELEVATION - BUILDING 1-2

1/8" = 1'-0"

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

ISSUED
Issued for SIP Submittal - April 19, 2022

PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations Building 1-2

SHEET NUMBER
A-2.1

PROJECT NO. 2104

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1 A-2.2 EAST ELEVATION (BUILDING 1)
1/8" = 1'-0"

2 A-2.2 EAST ELEVATION (BUILDING 2)
1/8" = 1'-0"

3 A-2.2 WEST ELEVATION (BUILDING 2)
1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations
Building 1-2

SHEET NUMBER
A-2.2

PROJECT NO. 2104

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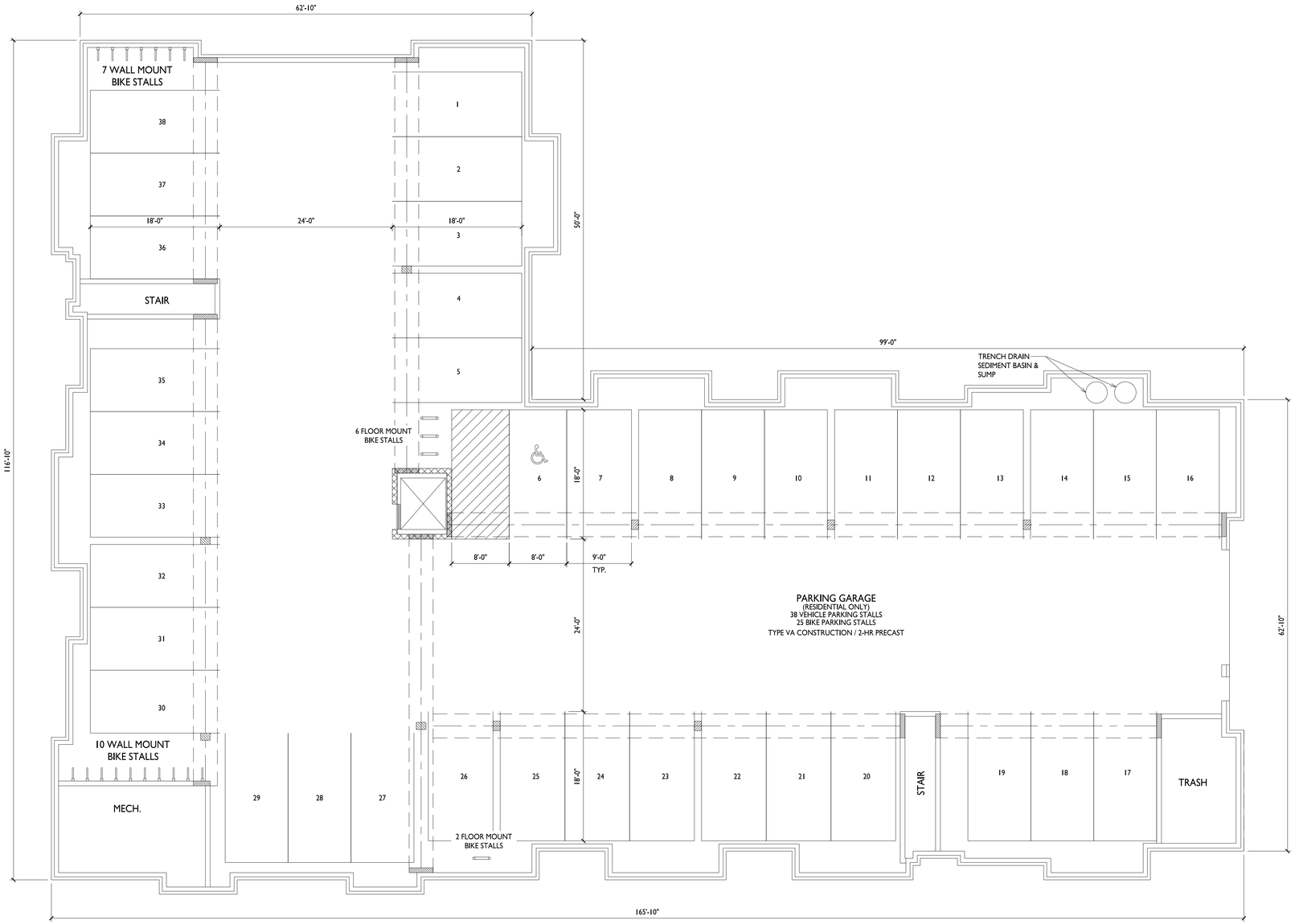

TOTAL FLOOR AREA: 13,948 S.F.

1 / A-1.4 BASEMENT FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

42 UNITS
38 PARKING STALLS

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Basement Plan
Building 3

SHEET NUMBER
A-1.4

PROJECT NO. 2104

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TOTAL FLOOR AREA: 13,828 S.F.

1 / A-1.5 FIRST FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
First Floor Plan
Building 3

SHEET NUMBER
A-1.5

PROJECT NO. 2104

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TOTAL FLOOR AREA: 13,840 S.F.

1 / A-1.6 SECOND FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Second Floor Plan
Building 3

SHEET NUMBER
A-1.6

PROJECT NO. 2104

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TOTAL FLOOR AREA: 13,840 S.F.

1 / A-1.7 THIRD FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
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Fitchburg, Wisconsin

SHEET TITLE
Third Floor Plan
Building 3

SHEET NUMBER
A-1.7

PROJECT NO. 2104

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1 A-2.3 SOUTH ELEVATION

1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING MATERIAL	MATERIAL	COLOR
ROOF	DIMENSIONAL ASPHALT SHINGLES	GAF - WEATHERED WOOD
HORIZONTAL LAP SIDING	COMPOSITE	LP CAVERN STEEL
BOARD & BATTEN SIDING	COMPOSITE	LP QUARRY GRAY
FREIZE, DECK, & WINDOW TRIM BOARDS	COMPOSITE	LP QUARRY GRAY
DECK COLUMNS & TIMBER ACCENTS	COMPOSITE	WOOD TONE WARM ESPRESSO
FASCIA	ALUM. WRAPPED	MAP QUARRY GRAY
DECK BOARDS	COMPOSITE	TREX SELECT - WINCHESTER GRAY
MASONRY VENEER	STONE VENEER	BUECHEL - STRATFORD CROSS ASHLAR
CAST STONE SILLS & HEADS	CAST STONE	EDWARDS CAST STONE - GRAY
WINDOWS & PATIO DOORS	COMPOSITE - ANDERSON 100	BLACK
RAILING	ALUMINUM	BLACK
BUILDING ENTRANCE SYSTEMS	ALUMINUM STOREFRONT	ANODIZED BLACK
UNIT ENTRY DOORS	STAINED FIBERGLASS	MATCH WOODTONE WARM ESPRESSO

2 A-2.3 EAST ELEVATION

1/8" = 1'-0"

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Phone: 608.836.3690

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations Building 3

SHEET NUMBER
A-2.3

PROJECT NO. 2104

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1 A-2.4 NORTH ELEVATION

1/8" = 1'-0"

2 A-2.4 WEST ELEVATION

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations
Building 3

SHEET NUMBER

A-2.4

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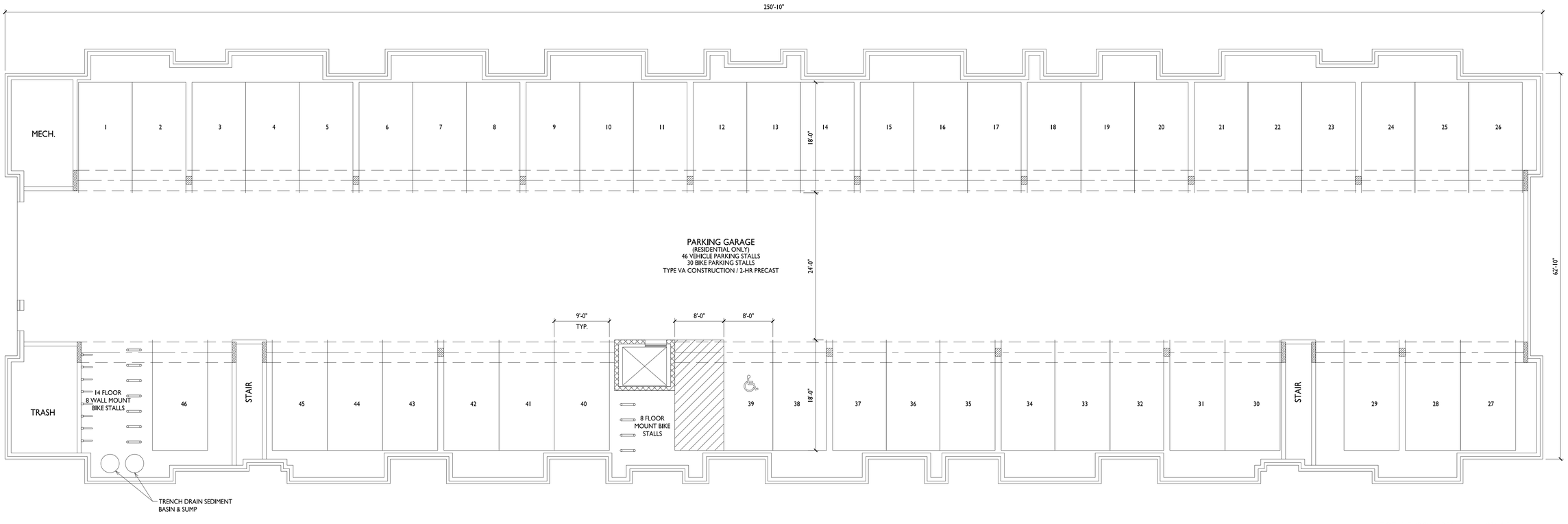

TOTAL FLOOR AREA: 16,826 S.F.

1 / A-1.8 BASEMENT FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

46 UNITS
46 PARKING
STALLS

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Basement Plan
Building 4

SHEET NUMBER
A-1.8

PROJECT NO. 2104

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TOTAL FLOOR AREA: 16,500 S.F.

1 / A-1.9 FIRST FLOOR PLAN
1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
First Floor Plan
Building 4

SHEET NUMBER
A-1.9

PROJECT NO. 2104

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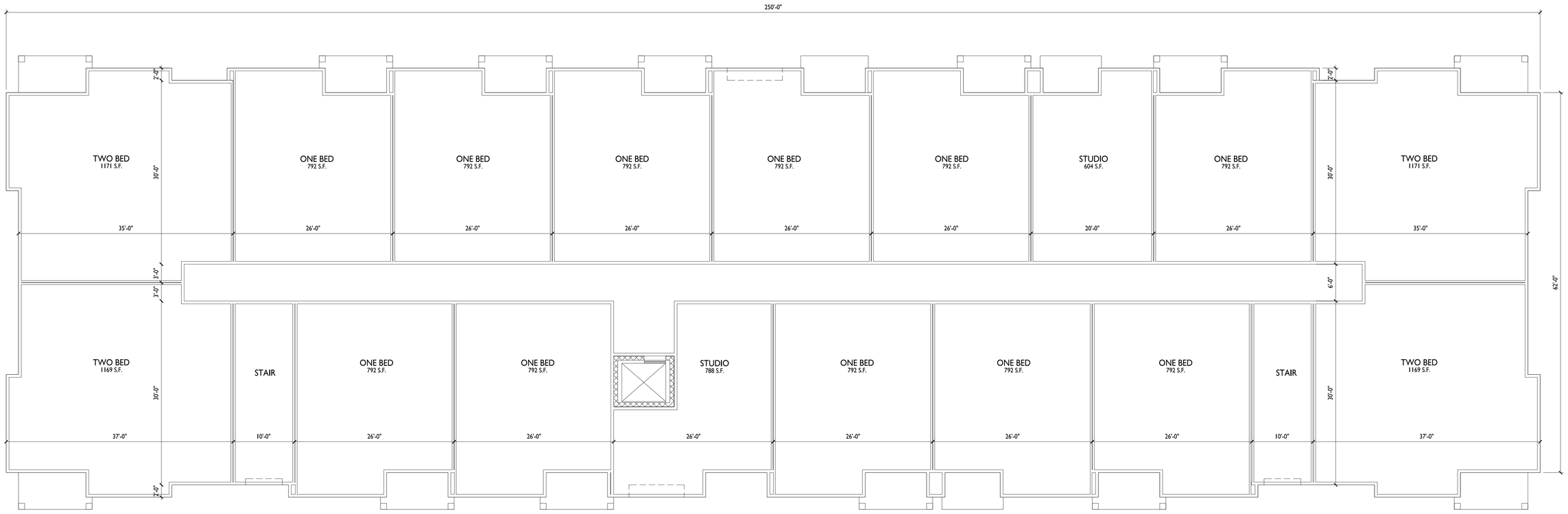

TOTAL FLOOR AREA: 16,539 S.F.

1 A-1.10 SECOND FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
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SHEET TITLE
Second Floor Plan
Building 4

SHEET NUMBER
A-1.10

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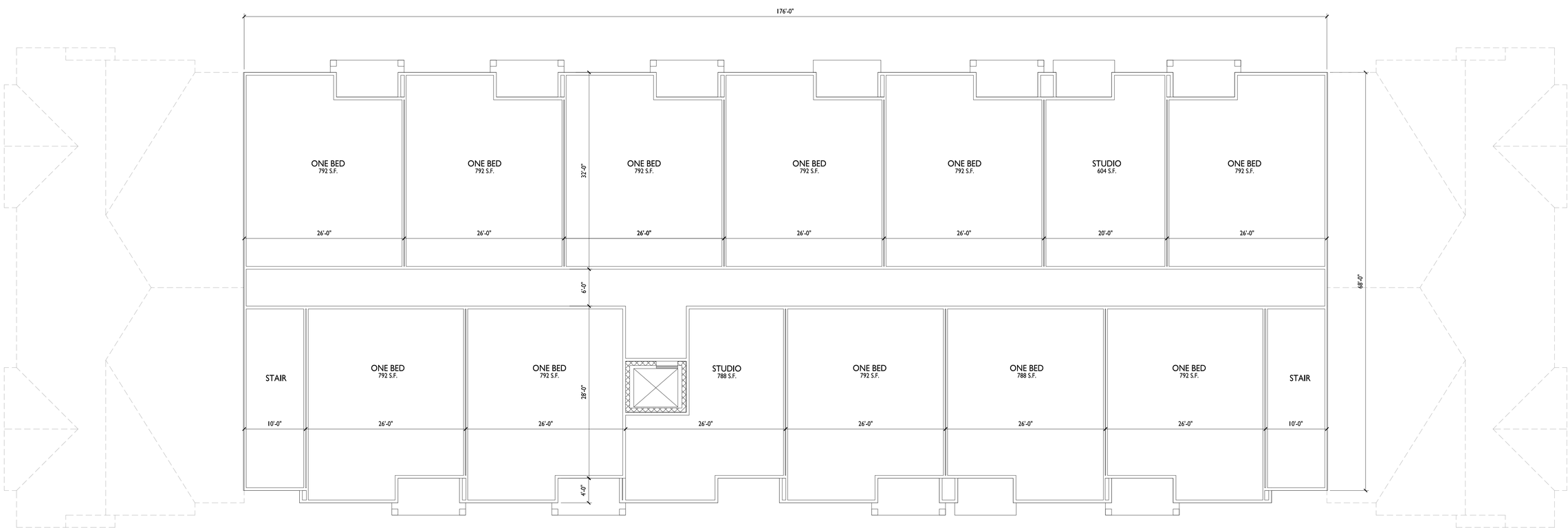

TOTAL FLOOR AREA: 11,772 S.F.

1 A-1.11 THIRD FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Third Floor Plan
Building 4

SHEET NUMBER
A-1.11

PROJECT NO. 2104

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1 / A-2.5 SOUTH ELEVATION - BUILDING 4

1/8" = 1'-0"

2 / A-2.5 EAST ELEVATION - BUILDING 4

1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING MATERIAL	MATERIAL	COLOR
ROOF	DIMENSIONAL ASPHALT SHINGLES	GAF - WEATHERED WOOD
HORIZONTAL LAP SIDING	COMPOSITE	LP CAVERN STEEL
BOARD & BATTEN SIDING	COMPOSITE	LP QUARRY GRAY
FREIZE, DECK, & WINDOW TRIM BOARDS	COMPOSITE	LP QUARRY GRAY
DECK COLUMNS & TIMBER ACCENTS	COMPOSITE	WOOD TONE WARM ESPRESSO
FASCIA	ALUM. WRAPPED	MAP QUARRY GRAY
DECK BOARDS	COMPOSITE	TREX SELECT - WINCHESTER GRAY
MASONRY VENEER	STONE VENEER	BUECHEL - STRATFORD CROSS ASHLAR
CAST STONE SILLS & HEADS	CAST STONE	EDWARDS CAST STONE - GRAY
WINDOWS & PATIO DOORS	COMPOSITE - ANDERSON 100	BLACK
RAILING	ALUMINUM	BLACK
BUILDING ENTRANCE SYSTEMS	ALUMINUM STOREFRONT	ANODIZED BLACK
UNIT ENTRY DOORS	STAINED FIBERGLASS	MATCH WOODTONE WARM ESPRESSO

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations Building 4

SHEET NUMBER
A-2.5

PROJECT NO. 2104

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1. A-2.6
NORTH ELEVATION
1/8" = 1'-0"

2 A-2.6
WEST ELEVATION
1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
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Lots 270 & 271
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Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations
Building 4

SHEET NUMBER
A-2.6

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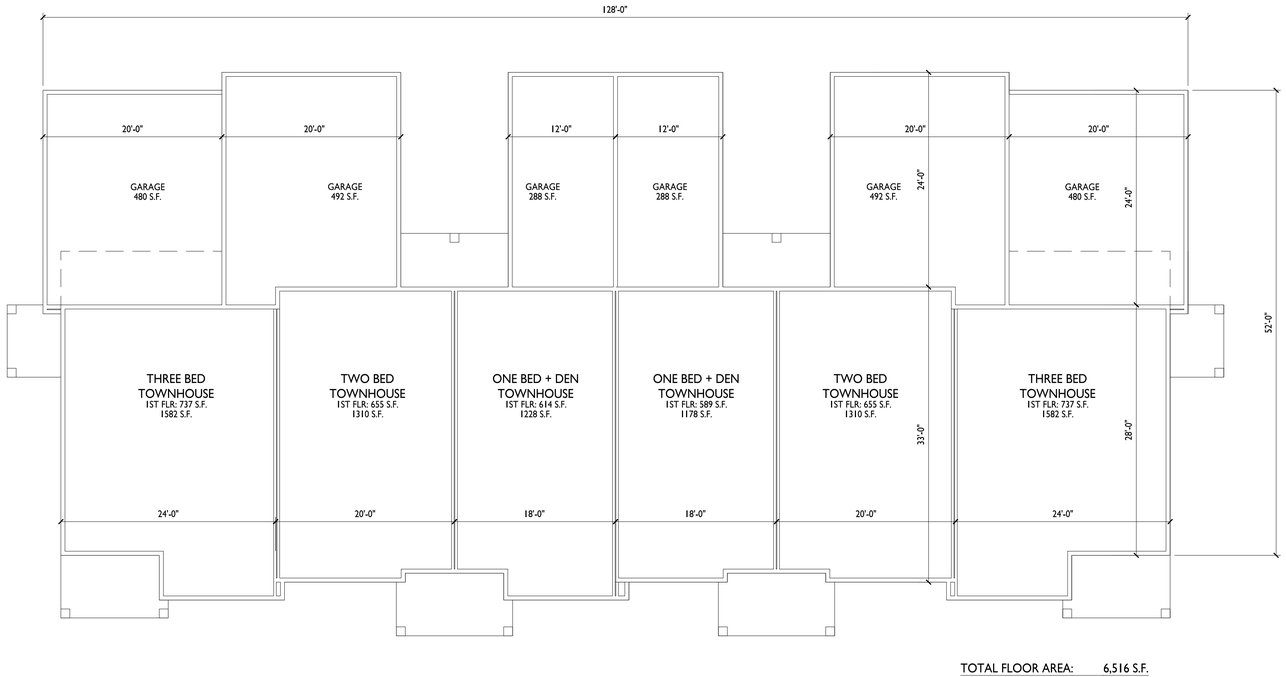

TOTAL FLOOR AREA: 6,516 S.F.

1 / A-1.12 FIRST FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

6 UNITS

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
First Floor Plan
Building 5-8

SHEET NUMBER
A-1.12

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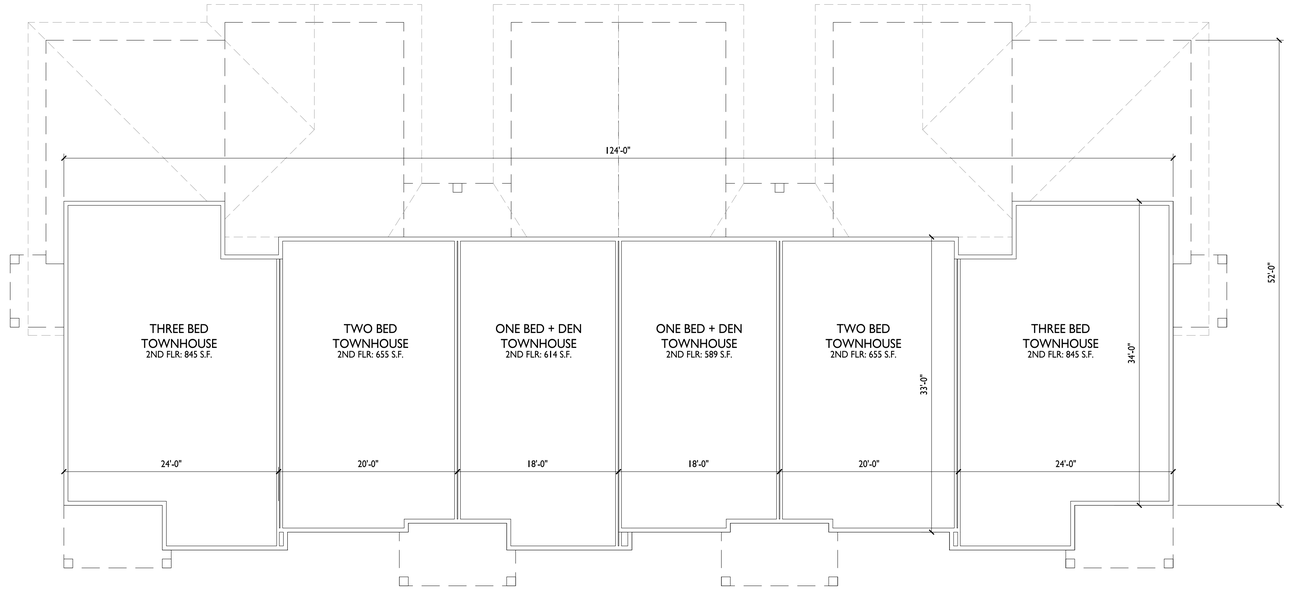

TOTAL FLOOR AREA: 4,208 S.F.

1 / A-1.13 SECOND FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Second Floor Plan
Building 5-8

SHEET NUMBER
A-1.13

PROJECT NO. 2104

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1 / A-2.7 SOUTH ELEVATION - BUILDING 5-8

1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING MATERIAL	MATERIAL	COLOR
ROOF	DIMENSIONAL ASPHALT SHINGLES	GAF - WEATHERED WOOD
HORIZONTAL LAP SIDING	COMPOSITE	LP CAVERN STEEL
BOARD & BATTEN SIDING	COMPOSITE	LP QUARRY GRAY
FREIZE, DECK, & WINDOW TRIM BOARDS	COMPOSITE	LP QUARRY GRAY
DECK COLUMNS & TIMBER ACCENTS	COMPOSITE	WOOD TONE WARM ESPRESSO
FASCIA	ALUM. WRAPPED	MAP QUARRY GRAY
DECK BOARDS	COMPOSITE	TREX SELECT - WINCHESTER GRAY
MASONRY VENEER	STONE VENEER	BUECHEL - STRATFORD CROSS ASHLAR
CAST STONE SILLS & HEADS	CAST STONE	EDWARDS CAST STONE - GRAY
WINDOWS & PATIO DOORS	COMPOSITE - ANDERSON 100	BLACK
RAILING	ALUMINUM	BLACK
BUILDING ENTRANCE SYSTEMS	ALUMINUM STOREFRONT	ANODIZED BLACK
UNIT ENTRY DOORS	STAINED FIBERGLASS	MATCH WOODTONE WARM ESPRESSO

2 / A-2.7 EAST ELEVATION - BUILDING 5-8

1/8" = 1'-0"

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knothe bruce
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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations
Building 5-8

SHEET NUMBER
A-2.7

PROJECT NO. 2104

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1 / A-2.8 NORTH ELEVATION
1/8" = 1'-0"

2 / A-2.8 WEST ELEVATION
1/8" = 1'-0"

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PROJECT TITLE
Irish Fields
Development

Lots 270 & 271
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Fitchburg, Wisconsin

SHEET TITLE
Exterior Elevations
Building 5-8

SHEET NUMBER
A-2.8

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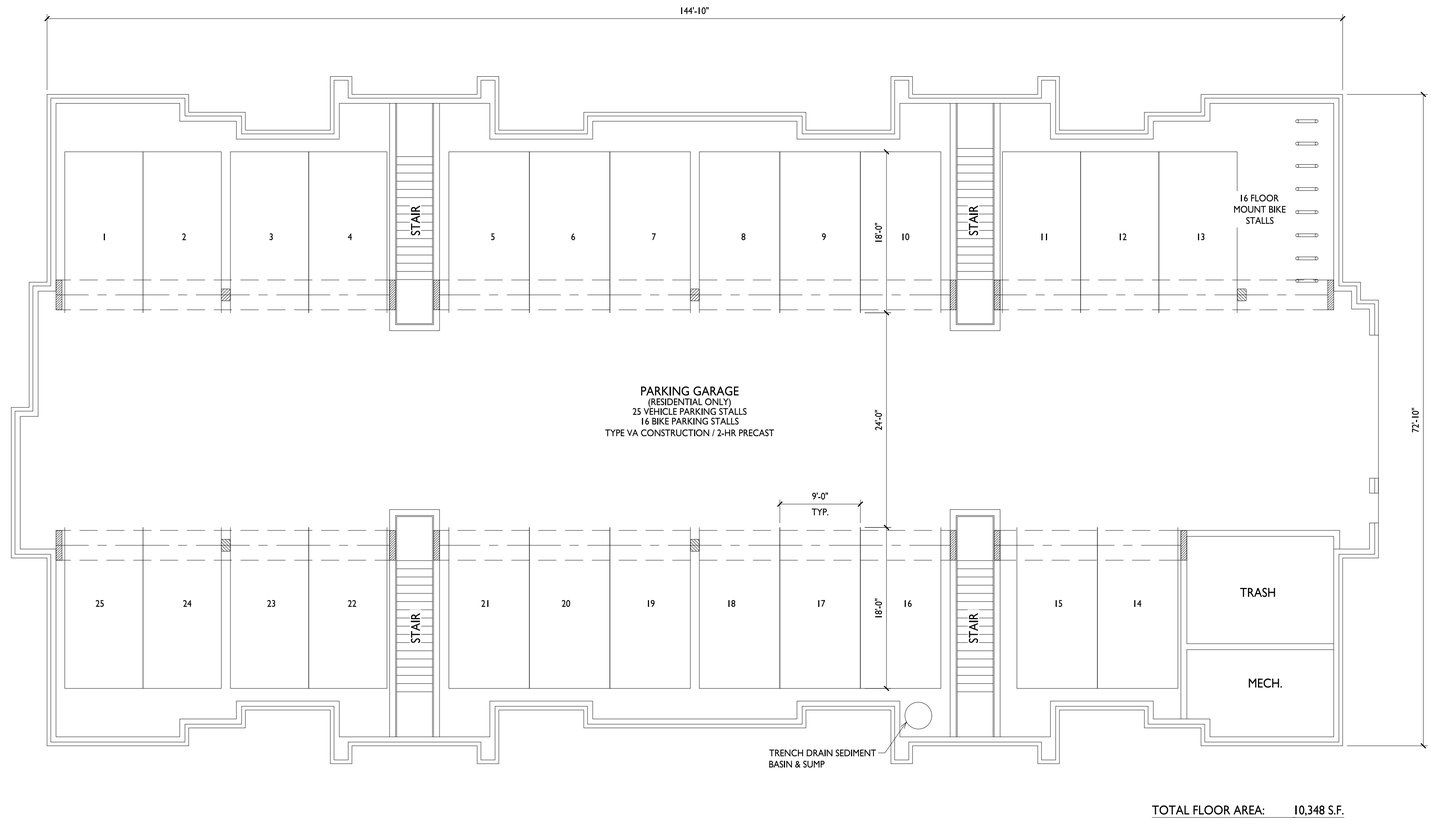

TOTAL FLOOR AREA: 10,348 S.F.

1 / A-1.14 BASEMENT FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

16 UNITS
25 PARKING STALLS

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
Basement Floor Plan
Building 9-10

SHEET NUMBER
A-1.14

PROJECT NO. 2104

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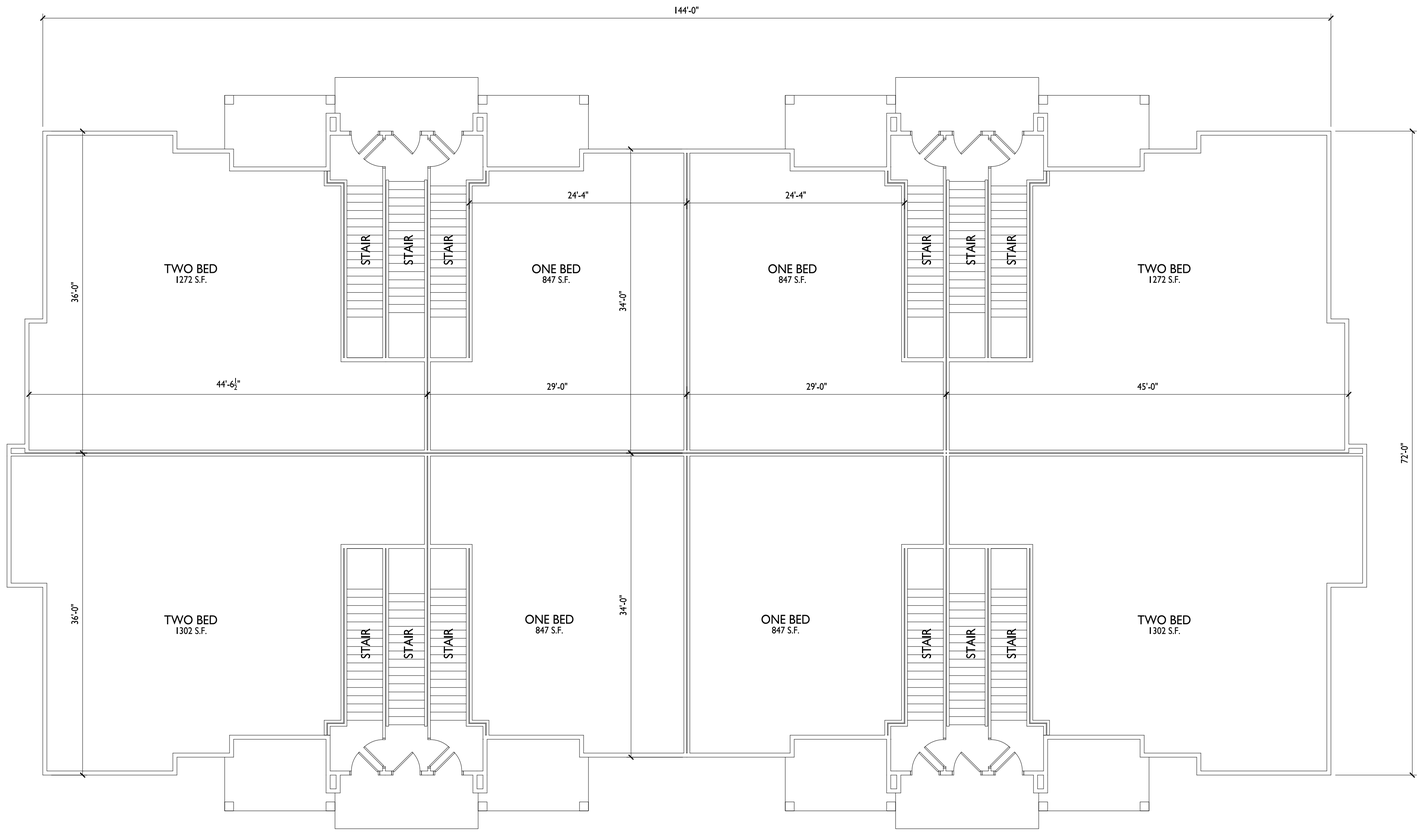

TOTAL FLOOR AREA: 10,100 S.F.

1 / A-1.15 FIRST FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE
First Floor Plan
Building 9-10

SHEET NUMBER
A-1.15

PROJECT NO. 2104

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TOTAL FLOOR AREA: 10,219 S.F.

1 / A-1.16 SECOND FLOOR PLAN

1/8" = 1'-0"

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PROJECT TITLE
Irish Fields Development

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Fitchburg, Wisconsin

SHEET TITLE
Second Floor Plan
Building 9-10

SHEET NUMBER
A-1.16

PROJECT NO. 2104

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1 / A-2.9 — SOUTH ELEVATION - BUILDING 9-10

1/8" = 1'-0"

2 / A-2.10 — WEST ELEVATION - BUILDING 9-10

1/8" = 1'-0"

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PROJECT TITLE

Irish Fields Development

Lots 270 & 271
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Fitchburg, Wisconsin

SHEET TITLE

Exterior Elevations Building 9-10

SHEET NUMBER

A-2.9

PROJECT NO. 2104

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1 / A-2.10 NORTH ELEVATION

1/8" = 1'-0"

1 / A-2.10 EAST ELEVATION

1/8" = 1'-0"

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PROJECT TITLE

Irish Fields Development

Lots 270 & 271
Highfield Reserve
Fitchburg, Wisconsin

SHEET TITLE

Exterior Elevations Building 9-10

SHEET NUMBER

A-2.10

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