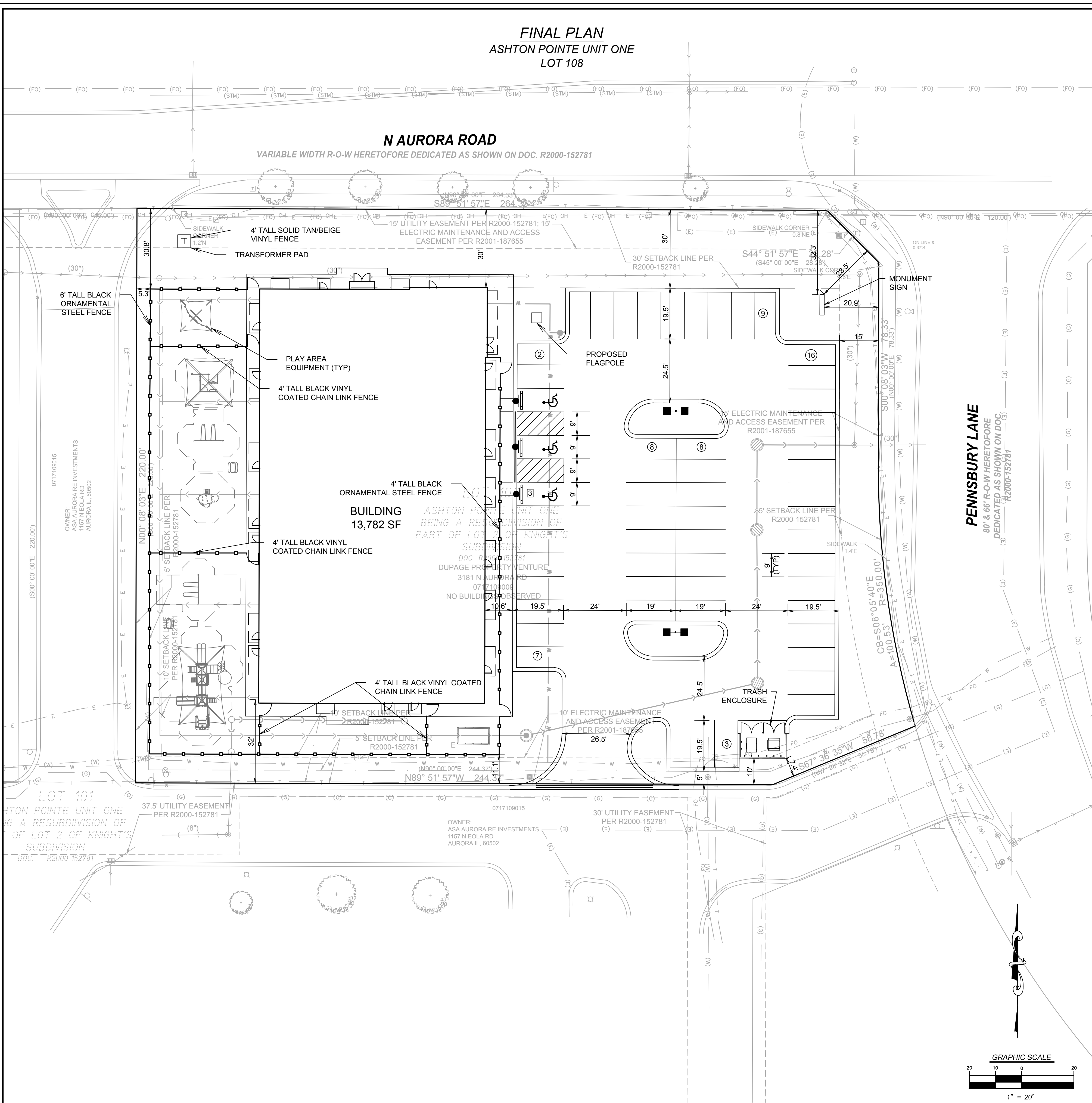


**FINAL PLAN**  
**ASHTON POINTE UNIT ONE**  
**LOT 108**



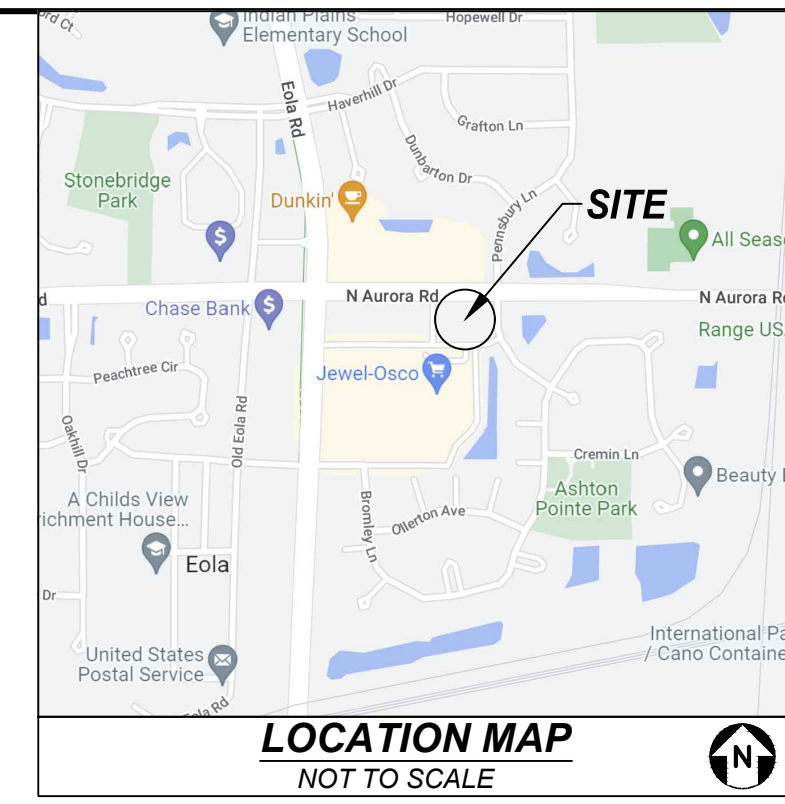
**PROJECT TEAM**

**OWNER/DEVELOPER**

814 Development  
 1695 Twelve Mile Road, Suite 100  
 Berkley, Michigan 48072  
 248 817 1691  
 Contact: Mark Kellenberger  
 mark@814cre.com

**ENGINEER**

V3 Companies, Ltd.  
 7325 Janes Avenue  
 Woodridge, Illinois 60517  
 630 724 9200  
 Project Manager: Daniel E. Free, P.E.  
 dfree@v3co.com  
 Design Engineer: Nick DeCapri  
 ndecapri@v3co.com



**NOTES:**

- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED WHITE UNLESS OTHERWISE NOTED.
- BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
- ALL CURB AND GUTTER SHALL BE B6.12 UNLESS OTHERWISE NOTED.
- STORMWATER MANAGEMENT PROVIDED IN SHARED, OFFSITE FACILITY

**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
---	---	RIGHT-OF-WAY LINE
---	---	PROPERTY LINE (EXTERIOR)
---	---	LOT LINE (INTERIOR)
---	---	EASEMENT LINE
---	---	FENCE LINE
---	---	CENTERLINE
---	---	B-6.12 CURB & GUTTER
---	---	DEPRESSED CURB & GUTTER
---	---	REVERSED PITCH B-6.12 CONCRETE CURB AND GUTTER

**Development Data Table: Final Plan**

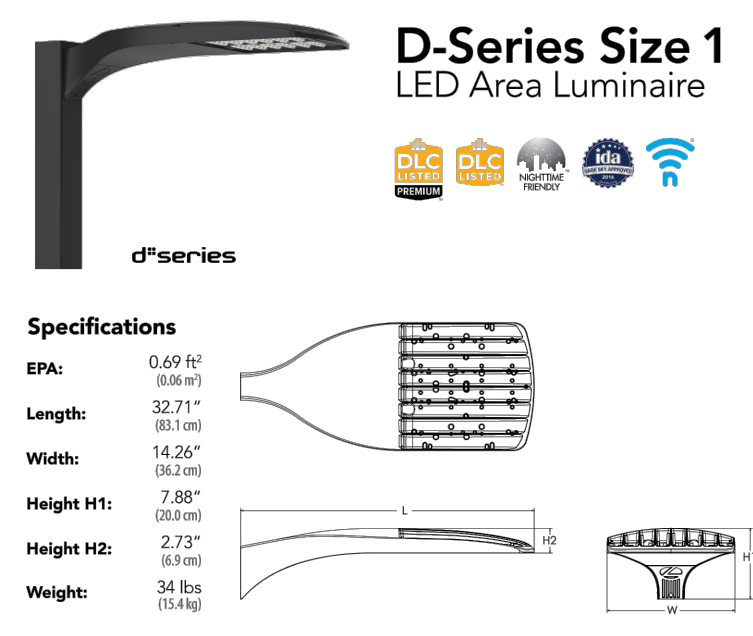
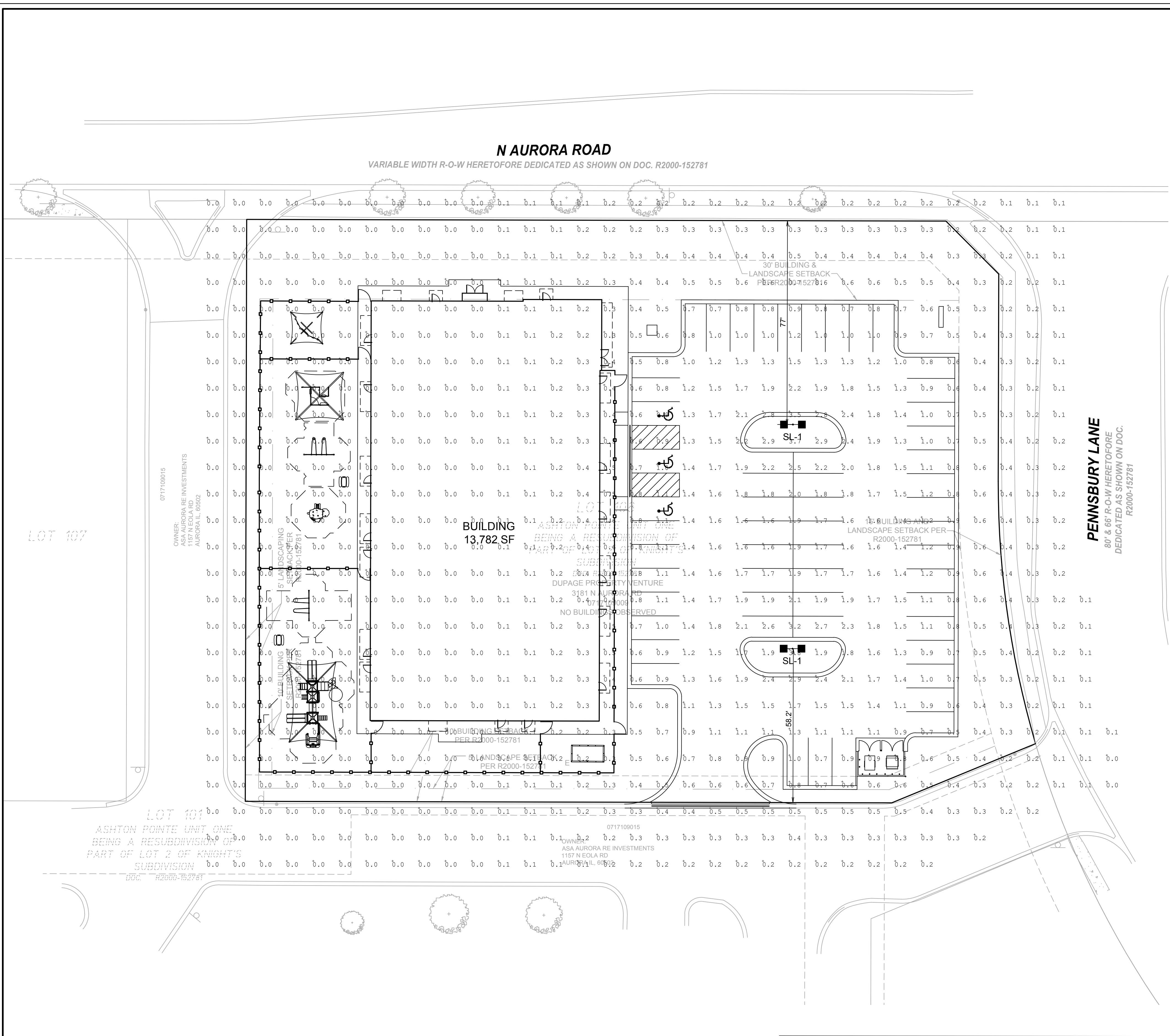
Description	Value	Unit
a) Tax/Parcel Identification Number(s) (PINs): 717109009		
b) Proposed land use(s): Day Care		
c) Total Property Size	1.435583	Acres
d) Total Lot Coverage (buildings and pavement)	62534	Square feet
e) Open space / landscaping	37790	Square feet
	60%	Percent
f) Land to be dedicated to the School District	24744	Square feet
g) Land to be dedicated to the Park District	40%	Percent
h) Number of parking spaces provided (individually accessible)	56	spaces
i. surface parking lot	56	spaces
perpendicular	53	spaces
parallel	0	spaces
angled	0	spaces
handicapped	3	spaces
ii. enclosed	0	spaces
iii. bike	0	racks
i) Number of buildings	1	
i. Number of stories	1	stories
ii. Building Square Footage (typical)	13762	square feet
iii. Square Footage of retail floor area	0	square feet
iv. First Floor Building Square Footage (typical)	13762	square feet

<b>FINAL PLAN</b> <b>PRIMROSE CHILD CARE</b> 3181 N AURORA ROAD AURORA ILLINOIS	PROJECT NO.: 221317 PROJECT MANAGER: DF DESIGNED BY: MV DRAWN BY: DB
	ORIGINAL ISSUE DATE: 01/24/2022 DATE:

7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 www.v3co.com

DRAWING NO.  
**C1.0**





**Specifications**  
 EPA: 0.69 ft<sup>2</sup> (0.064 m<sup>2</sup>)  
 Length: 32.71" (83.1 cm)  
 Width: 14.26" (36.2 cm)  
 Height H1: 7.88" (200 mm)  
 Height H2: 2.73" (69.3 mm)  
 Weight: 34 lbs (15.4 kg)

**D-Series Size 1 LED Area Luminaire**

**Introduction**  
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

**Ordering Information**      **EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAR2 PRHN DDBXD**

Series	LED	Color temperature	Color Rendering Index	Distribution	Beam Spread	Voltage	Mounting
DSX1 LED	Forward optics	(this section 70CRI only)	70CRI	AIR Automotive front low beam	TSM Type V medium	MVOLT (120V-277V)	Shipped included
P1	P6	30K 3000K	70CRI	T15 Type I short	T5L6 Type V low glare	MVOLT (120V-277V)	SPA Square pole mounting (off drilling)
P2	P7	40K 4000K	70CRI	T2M Type II medium	T5W Type V wide	MVOLT (120V-277V)	SPA Square pole mounting (off drilling)
P3	P8	50K 5000K	70CRI	T3M Type III medium	RLC3 Type III backlight control	MVOLT (120V-277V)	RPA Round pole mounting (off drilling)
P4	P9	(this section 80CRI only, extended lead times apply)	80CRI	T3LC Type III low glare	RLC4 Type III backlight control	MVOLT (120V-277V)	RPA Round pole mounting (off drilling)
P5	Retained optics	27K 2700K	80CRI	T4M Type IV medium	T4LC Type IV low glare	MVOLT (120V-277V)	SPA Square pole mounting (off drilling)
P10	P21	30K 3000K	80CRI	T4LC Type IV low glare	RLC4 Right corner cast	MVOLT (120V-277V)	SPA Square pole mounting (off drilling)
P11	P31	30K 3000K	80CRI	T5M Forward throw medium	RCD Right corner cast	MVOLT (120V-277V)	WSA Wall bracket

Control options	Other options	Finish options
<b>Shipped installed</b> NLTAR2 PRHN slight AIR gen. 2 enabled with hi-level motor / ambient sensor, 8-40 mounting height, ambient sensor enabled at 20' (6.1m) PIR High bay, motion/ambient sensor, 8-40 mounting height, ambient sensor enabled at 20' (6.1m) PER NEMA twist-lock receptacle only (controls ordered separately) PERS Five-pin receptacle only (controls ordered separately)	<b>Shipped separately</b> FAO Field adjustable output BL50 Bi-level switched dimming, 50% DIMC 0-10V dimming wire pulled outside fixture (for use with external control, ordered separately) DS Dual switching	<b>Shipped installed</b> SP200V 200V surge protection HS Hurricane shield (black finish standard) LSO Left recessed optics RSO Right recessed optics CCE Coastal Construction EGS General Glass Shield (seals, field install required, matches housing finish) BS Bird Spikes (field install required)
<b>Dark Bronze</b> <b>Black</b> <b>Natural Aluminum</b> <b>White</b> <b>Textured dark bronze</b> <b>Textured black</b> <b>Textured natural aluminum</b> <b>Textured white</b>		

LITHONIA LIGHTING  
 One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com  
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**Photometric Data Table**

Description	Value	Unit
Total proposed external lumens	55,868	Lumens
Total square footage of area to be illuminated.	62,726	Square Feet

Fixture #	Description	Value	Unit
1	i) Type of Fixture (i.e. Pole, Wall Mounted)	Pole	
	ii) manufacturer and model number(s)	Lithonia / DSX1-LED-P3-40K-70CRI-T4M-MVOLT	
	iii) Number of these Fixtures Shown	4	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED - Static	
	vi) Lumen output and wattage per Fixture	13,967 / 102.17	Lumen/Wattage
	vii) Mounting Height / Fixture Height	25	Feet

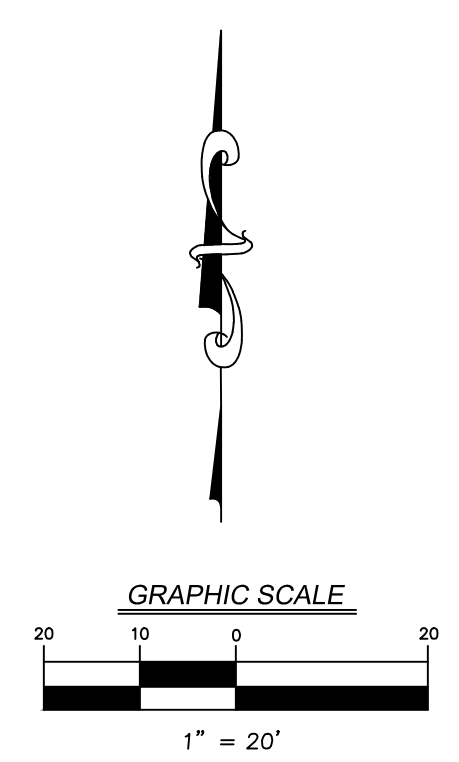
- NOTES:**
- THE LIGHT POLE LOCATIONS ON THIS PLAN SHOW THE RECOMMENDED PLACEMENT. ADJUSTMENTS TO THESE LOCATIONS MAY BE REQUIRED TO ACCOMMODATE SITE CONDITIONS.
  - CALCULATION AREAS ABOVE ARE TAKEN WITHIN THE LIMITS OF PROPOSED PARKING LOT PAVEMENT AS SHOWN ON THIS PLAN.
  - THE PHOTOMETRIC PLAN WAS PREPARED USING THE FIXTURES IN THE SCHEDULE ON THIS SHEET. NO SUBSTITUTIONS ARE PERMITTED WITHOUT APPROVAL BY THE ENGINEER.

**PROPOSED SITE LIGHTING FIXTURE SCHEDULE**

SYMBOL	DESCRIPTION	QUANTITY	LLF	COLOR	MOUNTING	CONFIG.	CATALOG NO. & NOTES
SL-1	LITHONIA LIGHTING, D-SERIES SIZE 1 LED AREA LIGHT, LUMINAIRE POWER PACKAGE P3, TYPE 4 MEDIUM DISTRIBUTION	2	0.80	4000K	25'-0" MOUNTING HEIGHT	2 FIXTURE @ 180 Deg.	DSX1-LED-P3-40K-70CRI-T4M-MVOLT

**CALCULATED LIGHTING ILLUMINANCE LEVELS (FOOT CANDLES)**

	AVERAGE	MAX	MIN	AVG/MIN	MAX/MIN
PARKING LOT	1.51	3.3	0.7	2.16	4.71



**REVISIONS**

NO.	DATE	DESCRIPTION

PROJECT NO.: 221317  
 PROJECT MANAGER: DF  
 DESIGNED BY: MV  
 DRAWN BY: DB

**LIGHTING PLAN**

**PRIMROSE CHILD CARE**

3181 N AURORA ROAD  
 AURORA, ILLINOIS

7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
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**E1.0**

DRAWING NO.