

CAR LOVERS RIO RD

TMP 61-147A
project ID: 26.0005

SUBMITTED 14 APRIL 2026

Context Map

Sheet 1 of 11

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PROJECT DESCRIPTION

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A. Project Introduction

Car Lovers currently operates as a carwash on the tax parcel 61-147A in Albemarle County, along Rio Road E. The current car wash includes a few vacuums located throughout the parcel around the buidling. To promote efficent use of the parcel, Car Lovers proposes to install seven vacuums alongside the current building to meet the demand for more vacuums. The building itself will not change and the proposed vacuums will have limited visibility from the Rio Road Corridor Entrance.

B. Compatibility with Surrounding Area and Entrance Corrdior

Car Lovers is adjacent to several other properities along the Rio Road Entrace Corridor, including three gas stations, an auto shop, a strip mall, and a church. The existing building currently has compatible architectural characteristics with other existing uses in the area, and will not make any changes. The proposed vacuums to the site will not change the physical appearance of the building and will not obsruct the unity and coherence that has been established along the Rio Road Corridor Entrance.

C. Human Scale

The existing building on site is one story tall and will not be changed. The proposed vacuums are smaller than the existing building and are understandable to the human scale.

D. Cohesive Whole

The color palette of the proposed vacuums will related to the existing structure to create a cohesive whole.

E. Limiting Blankness

The proposed vacuums will add character to the existing use of the buidling and are compatible with the forms and features of their site and surrounding context of buildings.

F. Accessory Structures and Equipment

The proposed vacuums are intergrated with the overall plan of development and is compatible with the building design on site. Screening methods such as plantings will be implemented to eliminate the visibility of the equipment.

G. Lighting

Exterior lighting of the existing building will not be changed and currently complies with county standards. The lighting with the vacuums is minimal and will not have negative impact on the entrance corridor. See lighting plan attached for additional information.

H. Landscaping

The existing landscaping on site will remain. Proposed new landscaping will consist of a mix of deciduous and evergreen vegetation which will mesh with existing planting and grading of the site. The height of the added vegetation will be tall enough to cover the proposed vacuums. Trees in between the new building and the entrance corridor will help blend the building into the site and create harmonious views from Rio Road.

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AERIAL OVERVIEW

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Image from Google Maps. Not to Scale

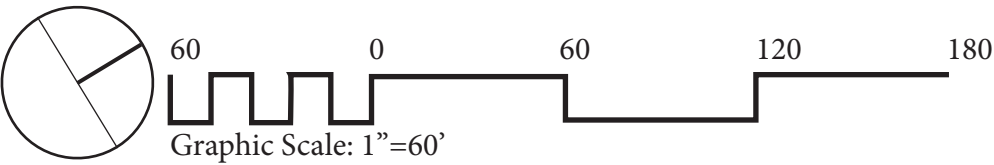
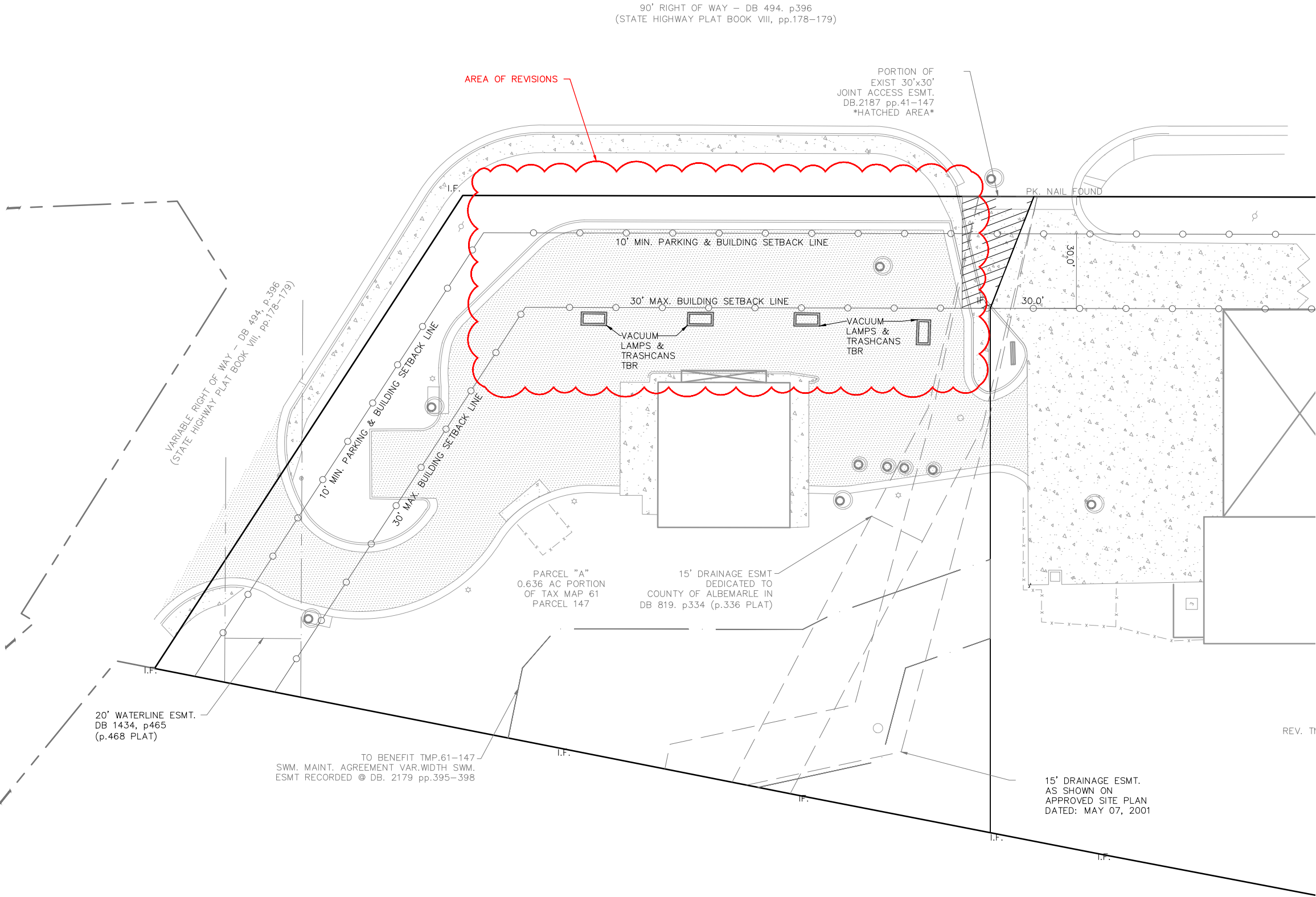
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EXISTING CONDITIONS
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EXISTING CONDITIONS
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Perspective from intersection at Rio Rd and Gasoline Alley

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EXISTING CONDITIONS

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Looking North along Rio Rd

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SURROUNDING SITES Sheet 7 of 11



1. Exxon



2. BP



3. Marathon



4. Ray Caddel & Company Real Estate



5. Auto Doctor



6. Harvest Church of God



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REFERENCE PHOTOS
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The proposed additions will be similar in appearance to the two examples shown above.
NOTE: Blue portions can be substituted with black.

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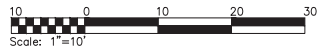
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Technical drawings of the Premier 1400 Series 1417 BDE. The drawings include a top view, a front view, and a side view. Dimensions are provided in inches and millimeters. The top view shows a triangular shape with a base of 107.2 inches (2724 mm). The front view shows a rectangular shape with a height of 111.0 inches (2818 mm) and a width of 107.2 inches (2724 mm). The side view shows a curved shape with a height of 10.6 inches (269 mm) and a width of 13.7 inches (348 mm). The drawings also show the mounting bracket and the 1417 BDE unit.

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LIGHTING PLAN Sheet 10 of 11

LIGHTING SCHEDULE										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Filename	Number of Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	A	14	IKIO or LEDS-LLC	T8-F4-1550-BWP	Commercial Tube Lighting	IK-TB04-0015-50B-RF.ies	1	2205	1.00	14.2

CALCULATIONS
AVERAGE: 0.0 fc
MAXIMUM: 11.4 fc
MINIMUM: 0.0 fc

- Lighting Notes:
- All outdoor lighting, regardless of the amount of lumens, shall be arranged or shielded to reflect light away from adjoining residential districts and away from adjacent roads.
 - Each outdoor luminaire equipped with a lamp that emits 3,000 or more initial lumens shall be a full cutoff luminaire and shall be arranged or shielded to reflect light away from adjoining residential districts and away from adjacent roads. The spillover of lighting from luminaires onto public roads and property in residential or rural areas zoning districts shall not exceed one half footcandle.
 - *A fixtures shall be mounted inside the dual vacuum boom at a height of 11' from finished grade which includes the base.
 - *A fixtures shall have a black or bronze finish.
 - *A fixtures shall have a CCT of 2835K and a CRI of 84.

A/N	Sample photos	Description	(Length)	(Voltage)	(Frequency)	(Current)	(Wattage)	(Lumens)	(Beam angle)	(Lifetime)	(CCT)	(LP RATING)
1		T8-F4-1550-BWP	4ft	120-277V	50/60Hz	0.343A	15w	1800lm	240 degree	50000Hr	2835/5000K	IP67
2		T8-F6-2250-BWP	4ft	120-277V	50/60Hz	0.25A	22w	2000lm	240 degree	50000Hr	2835/5000K	IP67
3		T8-F8-3050-BWP	8ft	120-277V	50/60Hz	0.26A	30W	3000lm	240 degree	50000Hr	2835/5000K	IP67
4		T8-F4-1330-RGB	4ft	120-277V	50/60Hz	0.25A	22W	1800lm	240 degree	50000Hr	3835/7600	IP67
5		T8-F6-2250-RGB	4ft	120-277V	50/60Hz	0.2A	32W	1200lm	240 degree	50000Hr	3835/7600	IP67
6		T8-F8-3050-RGB	8ft	120-277V	50/60Hz	0.38A	40W	1800lm	240 degree	50000Hr	3835/7600	IP67

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LETTER OF REVISIONS
**CAR LOVERS
RIO RD**

ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:
2026.03.26

FILE NO. **26.005**

LIGHTING PLAN

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PLANT PALETTE
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Cinquefoil



Manchurian Lilac



Northern Bayberry

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