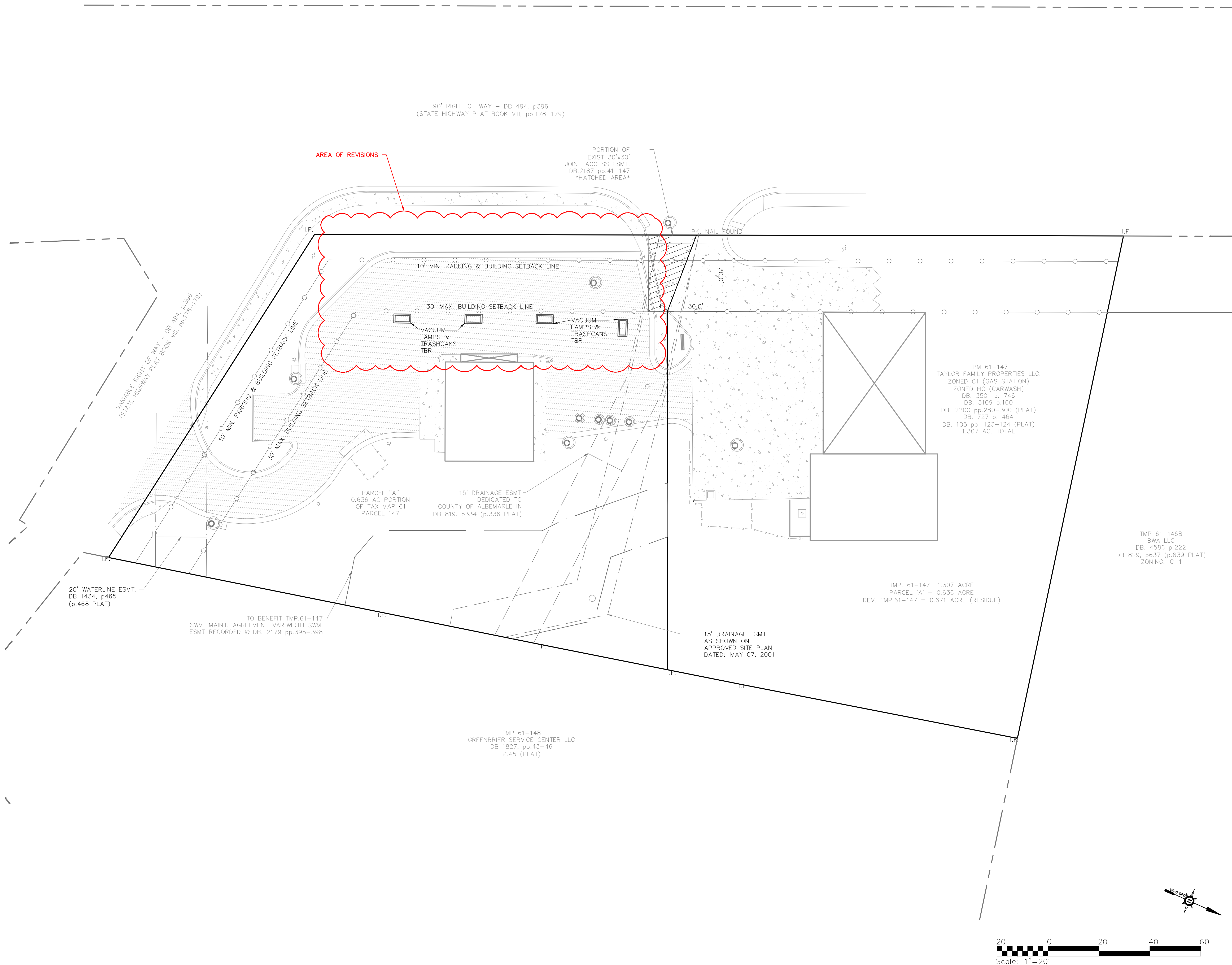




- SHEET INDEX**
- C1 COVER SHEET, EXISTING CONDITIONS
 - C2 SITE LAYOUT
 - C3 LIGHTING PLAN

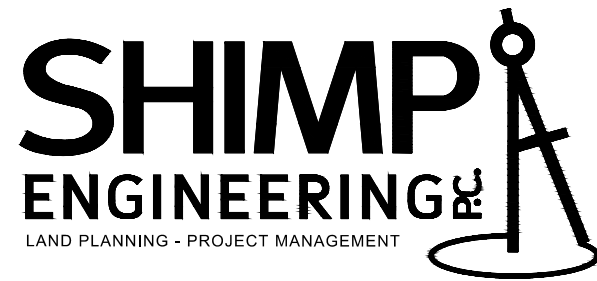
OWNER/DEVELOPER
WCB FIFTH ENTERPRISES LLC
101 Riverbend Dr
Charlottesville VA 22911

ZONING
Highway Commercial
Entrance Corridor Overlay, Steep Slopes - Managed
ZMA200100004

DISTRICT
Rio Magisterial District

SOURCE OF TITLE
DB 5059 P245

SITE PLAN
SDP200100123



912 E. HIGH ST. 434.227.5140
CHARLOTTEVILLE VA, 22902 JUSTIN@SHIMP-ENGINEERING.COM

DESIGNED BY
JF, Polina Andreeva

CHECKED BY
Justin Shimp, P.E.

LETTER OF REVISIONS
CAR LOVERS
RIO RD

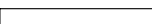
ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:
2026.03.26

FILE NO.

26.005

COVER SHEET,
EXISTING
CONDITIONS

C1

LIGHTING SCHEDULE										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Filename	Number of Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	A	14	IK10 or LEDS-LLC	T8-F4-1550-BWP	Commercial Tube Lighting	IK-T804-0015-50B-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.

S/N	Sample photos	Description	(Length)	(voltage)	(Frequency)	(currents)	(wattage)	(Lumens)	(beam angle)	(lifetime)	(CCT)	(IP RATING)
1		T8-F4-1550-BWP	4ft	120-277V	50/60Hz	0.143A	15w	1800lm	240 degree	50000H	2835/5000K	IP67
2		T8-F6-2250-BWP	6ft	120-277V	50/60Hz	0.21A	22W	2640lm	240 degree	50000H	2835/5000K	IP67
3		T8-F8-3050-BWP	8ft	120-277V	50/60Hz	0.26A	30W	3600lm	240 degree	50000H	2835/5000K	IP67
4		T8-F4-1550-RGB	4ft	120-277V	50/60Hz	0.25A	27W	1080lm	240 degree	50000H	3838/RGB	IP67
5		T8-F6-2250-RGB	6ft	120-277V	50/60Hz	0.3A	32W	1280lm	240 degree	50000H	3838/RGB	IP67
6		T8-F8-3050-RGB	8ft	120-277V	50/60Hz	0.38A	40W	1600lm	240 degree	50000H	3838/RGB	IP67

