LINE+GRADE

MEMORANDUM

TO:	Albemarle County Community Development Staff
FROM:	Kendra Moon, PE Line and Grade Civil Engineering
DATE:	September 13, 2022 (Revised December 13, 2022)
RE:	Airport Auto at Northside Drive Special Exception Application Narrative

Project Details:

Applicant:	Northside Drive LLC
Engineer:	Line and Grade Civil Engineering Kendra G. Moon, PE
Name of Project:	Airport Auto at Northside Drive
Short Description:	Special Exception for Supporting Commercial Use Exceeding
	25% of GFA of Buildings on Site in HI District
Proposed Site:	Near Northside Drive, Charlottesville, VA 22911

Property Details:

Damaal ID Number	02200 00 00 022040
Parcel ID Number:	03200-00-0022M0
Short Parcel ID:	32-22M
Total Acres:	9.23
Owner:	Northside Drive LLC
Property Address:	Near Northside Drive, Charlottesville, VA 22911
Current Tenant:	None
Magisterial District:	Rio
Zoning:	Heavy Industry (HI)
Proffered:	No
ZMAs Related to Proffers:	None
Comprehensive Plan Area:	Hollymead – Places 29
Comprehensive Plan Use:	Heavy Industrial
Comprehensive Plan Use:	Light Industrial
Land Use:	Unassigned
Surrounding Uses:	Heavy Industrial to the north
	Planned Development Mixed Commercial (residential, under
	construction) to the east
	R1 residential to the south
	Vacant Light Industrial to the west
	Vacant Heavy Industrial to the northwest
	-

LINE + GRADE

113 4th St. NE; STE 100 CHARLOTTESVILLE, VA 22902

TEL: (434) 262-0169 LINE-GRADE.COM

A. Special Exception Request

The applicant hereby requests a special exception pursuant to Sec. 26.2 to allow for a supporting commercial¹ use exceeding 25% of the gross floor area of buildings on an industrial site². The supporting commercial use is an automotive repair and tire sales center proposed on TMP 32-22M, with a footprint of 46% of the existing buildings on the industrial site at Northside Drive. Please see Image 1 below for the industrial site area, and Appendix A for an enlarged version with existing building areas.



Image 1 – Northside Drive industrial parcels (Albemarle GIS)

The Northside Drive industrial site consists of thirteen (13) adjacent parcels³ zoned industrial. Existing uses include an equipment rental agency, a building materials store, a concrete supplier, and an auto body shop. The proposed commercial use is supporting not only the vehicle storage on parcel 32-22M, but also existing and future uses involving vehicles and employees on the adjacent parcels. Airport Automotive repairs personal vehicles and provides tires to both personal and commercial vehicles.



¹ In an abridged version of the definition provided by Sec. 3.1, supporting commercial is a use subordinate to and which primarily serves storage uses or their employees including, but not limited to, commercial truck repair.

² "Site," per Sec. 3.1, means one or more lots, or any part thereof, including one or more lots shown on a subdivision plat, site plan, or application plan. In this case, the Northside Drive industrial lots are referred to as the site.

³ TMPs 32-22, 32-22M, 32-22C5, 32-67, 32-22C3, 32-22C1, 32-70, 32-71, 32-72, 32-73, 32-74, 32-22C4, and 32-22C6

Currently there are 44,976 sf⁴ of buildings on the industrial site, though it is important to consider that TMP 32-22 consists of twenty (20) acres of vacant land, with the potential for large storage or manufacturing buildings in the future. The proposed supporting commercial use is 20,480 sf, including the repair garages and customer service building. Currently, this is 46% of the existing buildings on site. TMP 32-22 could easily accommodate 40,000 sf of buildings in the future, in which case this supporting commercial use would be less than 25% of the buildings on site and would be a byright use.

B. Background Information on Airport Auto

This special exception is requested to allow the existing business Airport Auto to relocate within the vicinity of its current location. Airport Auto has been in operation for over 50 years⁵ at 1791 Airport Road (TMPs 32-20D, 32-20E, 32-40, and 32A-01-0B-3), see Image 2. It serves hundreds of vehicles daily performing repairs and tire sales and is one of the few automotive centers in the area between Charlottesville and Ruckersville. It has become apparent that the business is in need of a new location, for multiple reasons. The site is crowded, and the disorganized nature is evidence that it was not built for the service demand it is experiencing. The site has been in zoning violation for years for storing vehicles on TMP 32-20F without a special use permit, indicating that the business has outgrown its current location and is becoming a nuisance. Further, the current parcel is designated as a Neighborhood Service Center (NS) in the Comprehensive Plan, for which an automotive center is allowable, but the storage of vehicles is not⁶.

Given all of these factors, it is imperative to move the business to a nearby location so that it can still serve the same clientele without negatively impacting the adjacent parcels.



⁴ According to parcel sketches available on Albemarle County GIS

⁵ Since 1971

⁶ Unless by exception where there are no impacts on surrounding uses and where consistent with the character of surrounding uses, per Table LU 1 of Places 29.



Image 2 – Aerial image of existing Airport Auto location on Airport Road (Albemarle GIS)

C. Proposed Auto Center Relocation

The relocation of Airport Automotive provides the opportunity for organization and expansion from twelve (12) service garages to twenty (20) to operate more efficiently and decrease the amount of time vehicles are stored on site. The proposed location at TMP 32-22M just south of Northside Drive is approximately 0.80 miles north along U.S. 29 from the current location (see Image 3). It is a 9.23-acre Heavy Industrial site within Northside Industrial Park, surrounded by light and heavy industrial sites and one residential property.

Some site work has been completed in the past, including the clearing of trees, construction of a detention pond, and construction of a 10-ft tall berm screening portions of the site from U.S. 29. There was an approved site plan⁷ for this site in 2001 for a commercial park to include warehouse facilities and service retail. However, the proposed use was never built, and the site has sat vacant since. Presumably the price for this land has not been amenable to a heavy industrial use. This site lends itself well to the needs of this automotive center given its size and location. The proposed auto center is not anticipated to cause harm or nuisance to neighbors given the location within an industrial park, and its relocation will alleviate the zoning violation associated with its current Airport Road location.



⁷ SDP200100038 – see Appendix D



Image 3 – Aerial image of subject parcel 32-22M (Albemarle GIS)

D. Consistency with the Comprehensive Plan

The majority of the subject property is designated Heavy Industrial in the Comprehensive Plan, with a pipestem portion located in Light Industrial⁸. Surrounding properties are designated industrial as well, though one adjacent parcel (TMP 32-22N) is currently zoned residential⁹. This parcel is owned by Larry Hall, the owner of the industrial properties just north of the subject site, including Hall's Auto Body which is a similar use as what is being proposed. The site is located across U.S. 29 from a Destination Center and Community Center. While an automotive center is not a byright use in the HI district, it is listed as a secondary use in the Comprehensive Plan for areas around centers. This is a use that has the potential for large equipment, noise, fumes, etc., all characteristic of a heavy industrial use.

Though an automotive center is a commercial use, it is not entirely different in principle than the manufacturing and storage of vehicles, which are allowed by-right in HI districts.



⁸ The pipestem portion does not have any buildable area as it is just over 30 ft in width, and the use buffer from adjacent residences is 30 ft.

⁹ The pipestem portion of the property is technically adjacent to other R1 properties, but since there is no space for anything to be built or stored on this portion of the property, the residences are not being considered adjacent to the proposed use.

E. Conclusion

The relocation of Airport Auto is a net benefit to all. It fits better within the context of an industrial park than its current location in a designated Neighborhood Service Center adjacent to residential properties, it provides an opportunity for site organization and for screening from the entrance corridor, and it alleviates the existing zoning violation of the current site. The proximity of the new facility is essential to this plan, as Airport Auto has operated in the same location for over 50 years and has a regular customer base in this area. Keeping a local business open and thriving supports a primary objective of Economic Development¹⁰.

List of Appendices

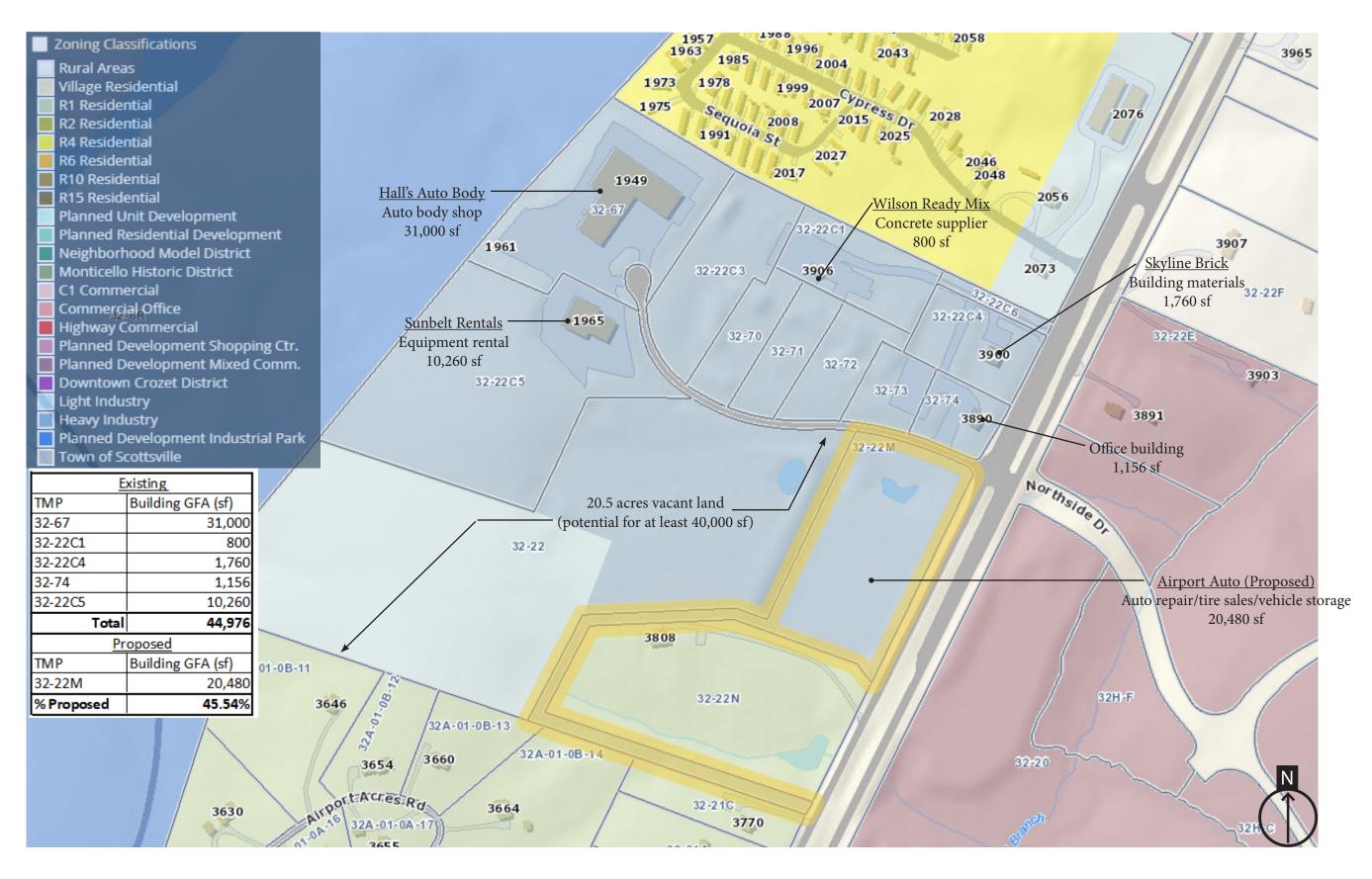
Appendix A: Northside Industrial Site – Building Exhibit Appendix B: Existing Conditions Plan Appendix C: Concept Plan Appendix D: Rivanna Commercial Park SDP200100038 Appendix E: Places29 Master Plan references



¹⁰ According to Albemarle County's Project Enable, Goal 1 is to strengthen existing business retention and/or expansion (BRE) to help existing businesses be successful

Appendix A

Northside Industrial Site – Building Exhibit



NORTHSIDE INDUSTRIAL SITE OUNDING PROPOSED AIRPORT AUTO

Appendix B

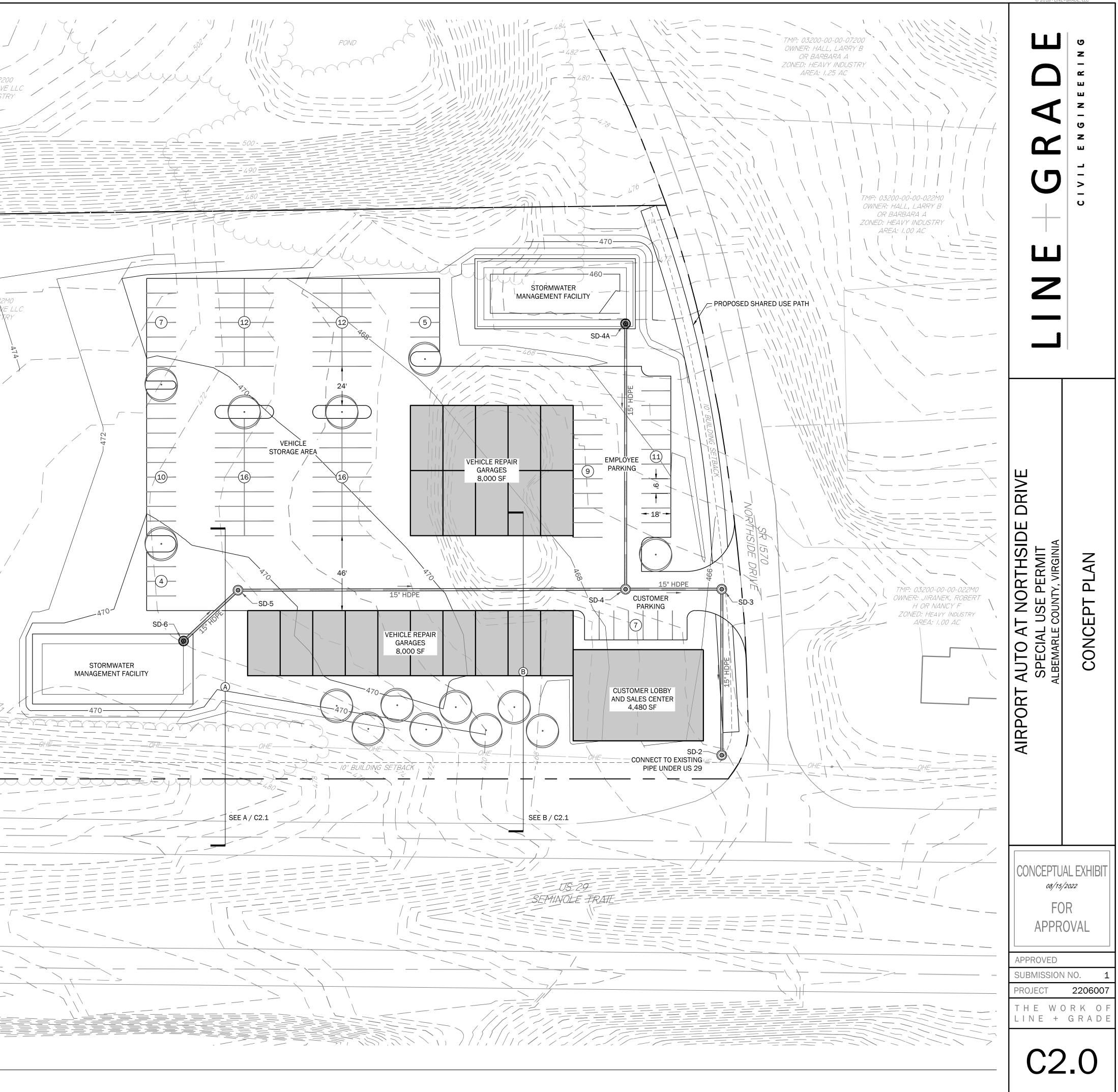
Existing Conditions Plan

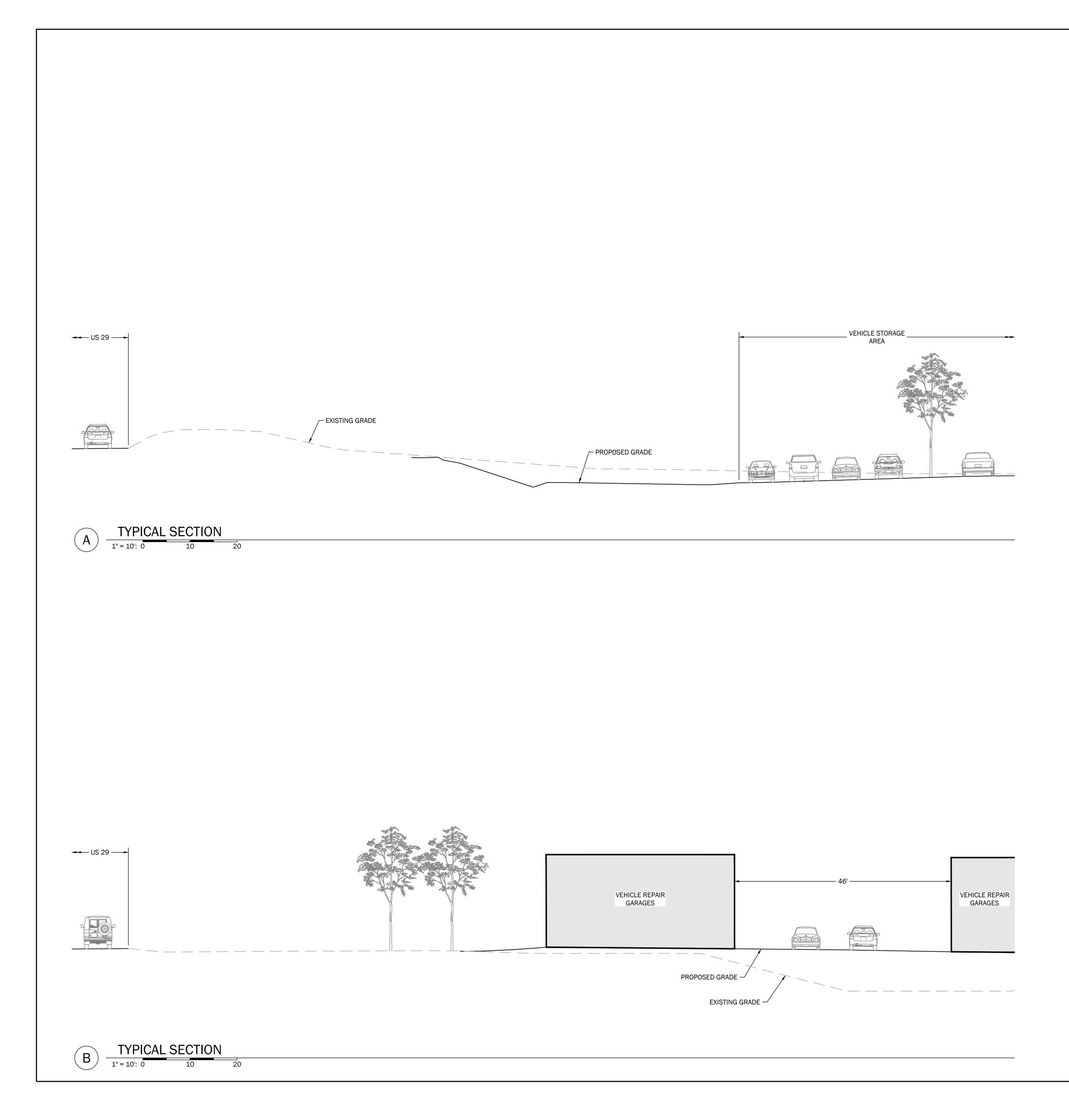


Appendix C

Concept Plan

IAME OF PROJECT: PROJECT ADDRESS:	AIRPORT AUTO AT NORTHSIDE DRIVE <i>NEAR</i> NORTHSIDE DRIVE, CHARLOTTESVILLE,VA 22911	/	
ROJECT NARRATIVE:	PROPOSED AUTOMOTIVE CENTER [RELOCATION OF CURRENT AIRPO AUTO BUSINESS]		TMP: 03200-00-0 OWNER: NORTHSIDE
PPLICANT/OWNER:	CONTACT: NORTHSIDE DRIVE LLC		ZONED: LIGHT II AREA: 20.54
	ANDREW BALDWIN		
	ADDRESS: 600 E WATER STREET, SUITE H CHARLOTTESVILLE, VA 22902		
	PHONE: 434-422-5050 EMAIL: ANDREW@CORECVILLE.COM		
NGINEER OF RECORD:	CONTACT: LINE AND GRADE CIVIL ENGINEERING		
	KENDRA G. MOON, PE		
	ADDRESS: 113 4TH STREET NE; STE 100 CHARLOTTESVILLE, VA 22902		
	PHONE: 434-262-0169 EMAIL: KMOON@LINE-GRADE.COM	£=+=	
OURCE OF SURVEY AN	D TOPOGRAPHY: SOURCE: ALBEMARLE COUNTY GIS	I	
UBJECT PARCEL(S):			
	PARCEL ID: 32-22M OWNER: NORTHSIDE DRIVE LLC		TMP: 03200-00-0
	CONTACT: ANDREW BALDWIN ZONED: HI		OWNER: NORTHSIDE ZONED: HEAVY I
	OVERLAYS: AIRPORT IMPACT, ENTRANCE CORRIDOR, STEEP SLOPES PROFFERS:	5	AREA: 9.23
	LEGAL AREA: 9.23 AC		
DJACENT PARCEL(S):	PARCEL ID: 32-74		/
	ZONED: HI OWNER: NANCY & ROBERT JIRANEK		
	PARCEL ID: 32-73		
	ZONED: HI OWNER: BARBARA & LARRY HALL		
	PARCEL ID: 32-22		
	ZONED: LI OWNER: NORTHSIDE DRIVE LLC		
	PARCEL ID: 32-22N ZONED: R1		
	OWNER: BARBARA & LARRY HALL		J
	PARCEL ID: 32-20 ZONED: PDMC		
	OWNER: CWH PROPERTIES LIMITED PARTNERSHIP	DING	
	PARCEL ID: 32-21C ZONED: R1	L SETE	
	OWNER: WWANDS LLC PARCEL ID: 32A-01-0B-14	TBACK	
	ZONED: R1 OWNER: TING TIAN & PATRICK JARVIS		,
	PARCEL ID: 32-01-0B-13		
, , , ,	ZONED: R1 OWNER: CAROLL & JOYCE GOOD		\mathbf{X}
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	NNED: RI RESIDENTIAL AREA: 6.74 AC		
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`.\`、`,`, `			
	CEPT PLAN		





		J	CIVIL ENGINEERING
AIRPORT AUTO AT NORTHSIDE DRIVE	SPECIAL USE PERMIT	ALBEMARLE COUNTY, VIRGINIA	TYPICAL SECTIONS
APP	AP	68/15/ FO PR ED	OVAL
ΤН	NE	W C	2206007 RK OF GRADE

Appendix D

Rivanna Commercial Park SDP200100038

RIVANNA COMMERCIAL PARK Name of Owner/Developer: Rivanna Partners LP

Plan prepared by: Marcia Joseph

Located on: Tax Map 32 parcels 22 and 22M Site falls in the AIA Airport Impact Area

Zoned: H-I and LI And EC Entrance Corridor ZMA 87-19 with proffers as follows -

From the letter dated January 18, 1988

- 1. In order to provide a tangible incentive for the extension of public sewer to this industrial property, but in recognition of the lack of same currently, we hereby proffer that prior to the installation of public sewer the uses that will be allowed will be those that do not require public sewer and which can be served by domestic septic fields. Furthermore, the buildings which will be constructed will have less than a total of 225,000 square feet, until such public sewer is available.
- 2. We hereby proffer a restriction of the types of uses of the property for that portion of the property for that portion of the property which will be HI. The uses that will be prohibited on the property would include the following: brick manufacturing; concrete mixing plants; manufacturing of sewage disposal systems; manufacturing and recycling of tires; petroleum; gasoline, natural gas and manufactured gas storage; sawmills; wood preserving operations.
- 3. We agree to restrict the uses of the 9 acres of Parcel 32-22C which is already zoned HI in the same way as provided in Section 2 above. 4. We proffer to restrict the development of the property to the general
- outline of the master plan which has been submitted as part of this rezoning application. 5. In the way of road improvements, we proffer to limit develop0ment of the property to not exceed the capacity of the access road until such
- time as the road is improved to accommodate the additional traffic generated by the added development of this rezoning. The capacity of the access road is that capacity which will accommodate the traffic from the contiguous properties if fully developed under the existing zoning. 6. We will expand the undisturbed buffer area from the required 30 foot width to a 50 foot width along the lot line which abuts the lots of Airport
- Acres. 7. No portion of the buildings will be within the 4 acre buffer zone adjacent to the lots of Airport Acres.

From the letter dated November 20, 1987

- We will provide twice the screening requirement stated in the ordinance for any disturbed areas within 100 feet of the lots in Airport Acres. • The buffer area adjacent to the Airport Acres subdivision will be graded so as to maintain the natural topography of that property up to the area required to grade the bank on a two to one slope to the edge of the building and in such a manner as to continue to provide adequate storm drainage facilities for that section of the property. The planting of the screening trees or the building of berms will be done in a manner to insulate as far as is feasible the glare, noise, and visibility of the project
- from the adjacent residential neighborhood. • The exterior architectural styling of the buildings will be reasonably consistent throughout the project. The buildings will be substantially masonry or concrete wall construction and will be reviewed in a schematic fashion with the Planning Staff for their comments prior to construction.

Magisterial District Rivanna

Albemarle County, Virginia Source of Topography:

James Bell, Inc. Thomas B. Lincoln Land Surveyor

Survey Information: Thomas B. Lincoln Land Surveyor Adjacent Parcels:

TM 32A Sec B P 14 William M and Jean G Jarvis Zoned R1 **Use Residential**

TM 32 P 22C5 Larry B or Barbara A Hall Zoned HI Use Commercial

TM 32 P 67 Larry B or Barbara A Hall Zoned HI Use Industrial

TM 32A Sec 1 B P 11 Jerry L and Molly S Marshall Zoned R1 Use Residential

TM 32 P 21C Danny D Charles Zoned R1 Use Residential

TM 32 P 22N Larry Sr or Barbara Hall Zoned R1 Use Residential

TM 32A Sec 1 B P 12 Anne Carder or Melvin Breeden Zoned R1 Use Residential

TM 32A Sec 1 B P 13 Carroll J or Joyce L Good Zoned R1 Use Residential

TM 32 P 19 University Real Estate Foundation Zoned PD-IP Use Industrial

Proposed Use: Warehouse Facilities and Service Retail

Site Size: 34.82 Acres

Building Coverage: 5%81,540 Square Feet

Paving Coverage: 5%75,840 Square Feet

Total Impervious Coverage: 10%157,380 Square Feet

Open Space: 90% 31.33 Acres

> Maximum Height of Structure not to exceed 30' Parking Schedule

Industrial use -

Total Parking Provided - 127 Spaces

Loading Spaces -1Sp/10,000 sf 81,540 sf 9 Loading Spaces required

Total Loading Spaces 10 Loading Spaces Provided

This site is served by public water and a private septic system.

49 spaces,

spaces

Required Parking 63 spaces

81,540 square feet 1Sp/2 employees. 98 employees =

Possible division into 7 areas 2 Sp/ customer = 14

12:-0" PERFORA75D 4 * PVC CLEANOUT 21-0" 50% SAND/BORG TOPSON / 20% LEAF MULLY (GAND: 6.02" - 0.04 " ASTM (63 FINE) UNDERDEAIN 23-54 4" PERFORATED PVC UNDERDRAIN GRAVEL WRAPPED IN FILTER FABRIC (AASHTO M43 BO RETENTION (1/2"-1") WATER QUALITY SWALE (NTS) WRAPPED IN FILTER FABRIC

Albemarle County Engineering **General Construction Notes for Site Plans**

Prior to any construction within any existing public right-of-way, including connection to any existing road, a permit shall be obtained from the Virginia Department of Transportation (VDOT). This plan as drawn may not accurately reflect the requirements of the permit. Where any discrepancies occur, the requirements of the permit shall govern.

2. All paving, drainage related materials and construction methods shall conform to current specifications, and standards of VDOT unless otherwise noted.

Erosion and siltation control measures shall be provided in 3. accordance with the approved erosion control plan and shall be installed prior to any clearing, grading or other construction.

4. All slopes and disturbed areas are to be fertilized, seeded and mulched. The maximum allowable slope is 2:1 (horizontal:vertical). Where reasonably obtainable, lesser slopes of 3:1 or better are to be achieved.

5. Paved, rip-rap or stabilization mat lined ditch may be required when in the opinion of the Albemarle County Director of Engineering, or the Director's designee, it is deemed necessary in order to stabilize a drainage channel.

6. All traffic control signs shall conform with the <u>Virginia Manual for</u> Uniform Traffic Control Devices.

7. Unless otherwise noted, all concrete pipe shall be reinforced concrete pipe - Class III.

8. All excavation for underground pipe installation must comply with OSHA Standards for the Construction Industry (29 CFR Part 1926).

TYPE "A"--IES SHARP CUTOFF TYPE III DISTRIBUTION 20' MOUNTING HEIGHT POLE # SSP20-4.0-11-F-DM10 TYPE "B"--IES SHARP CUTOFF TYPE IV DISTRIBUTION 20' MOUNTING HEIGHT POLE # SSP20-4.0-11-DM10

Symbol used for light fixture

TYPE "C"--IES DARK SKY SHARP CUTOFF WALL MOUNTED TYPE III

The site is not located in a Water Supply Water Shed Datum Reference

Pavement Section: 6" Base Stone 21A 2.5″ BM-2

1.5" SM-2A

USGS

UTILITY LINES WILL BE PLACED UNDERGROUND WHERE PRACTICAL Bumper blocks will be located at the edge of pavement to allow for 1 foot overhang

Each outdoor luminaire equipped with a lamp which emits 3.000 or more initial lumens shall be a full cutoff luminaire or a decorative luminaire with full cutoff optics.

The spillover of lighting from parking area luminaires onto public roads and property in residential or rural areas zoning districts shall not exceed onehalf (1/2) foot candle.

> **CONTRACTOR TO VERIFY LOCATION OF ALL PROPOSED SITE IMPROVEMENTS**



3'-0"

TM 32 TH32 Sec. 1B TH 32 TM 32 PIZ 7.27 HM32 . Sec. E)TM 32 P67 ZONED TM 32 P P.22 THAZ P13 Pazotsi Sec. 1B-ZONED TM 32 北江 Þ14 Sec. 15 TM 32 FICA TH132 PZZN TH 32 PZZM

SITE PLAN

REVISIONS SEPT. 7, 1999 April 18, 2001 June 1, 2001 اس و به امر سر نم بنر بن بن سر نمر بن اسر این ویر دو امر هو باید کند بند ان امر بند اسر اسر نمر امر بند این وی

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Department of Zoning

Fire Official

Building Official

LANDSCAPE SCHEDULE SYMBOL BOTANICAL NAME Abelia grandiflora AG Berberis thunbergii BT autopurpea Crimson Ve Franklinia alatamaha FA Ilex attenuata IA Ilex crenata 'convexa' Itea virginica Henry's Garnet Juniperus chinensis cloumnaris glauca Magnolia virginiana MV Prunus yedoensis PY Quercus rubra QR Tilia cordata 'Bicenten TC Ulmus parvifolia Allee UP Viburnum prunifolium VP Red' Acer rubrum AR EXISTING TREE LINE

Department of Engineering See Mylas Planning and Community Development augan output Date _____ Date Date _____ Albemarle Co. Service Authority

County Approval Block

RIVANNA COMMERCIAL PARK

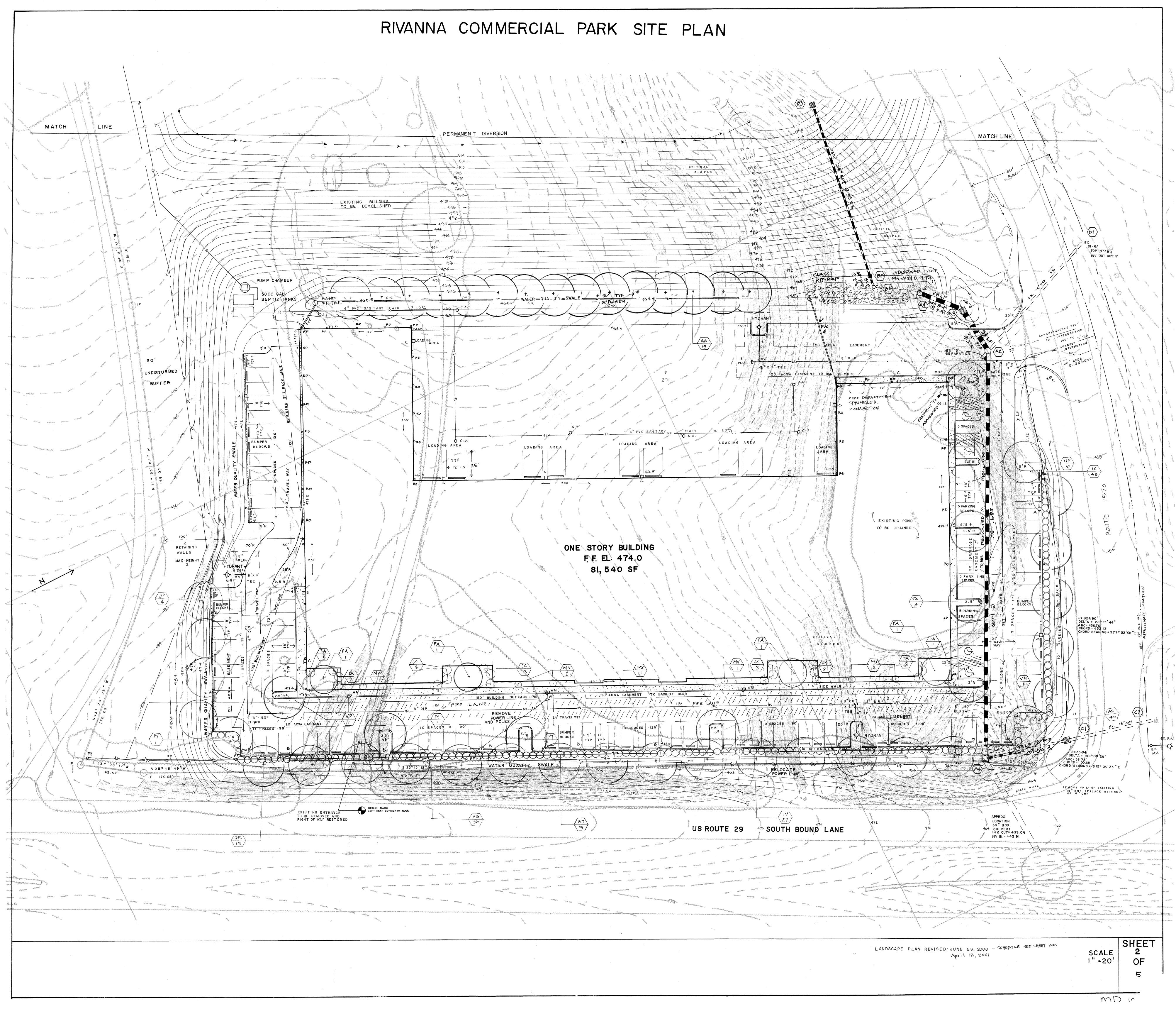
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	COMMON NAME	CONDITION	REMARKS	SIZE	NUMER
	Glossy Abelia	Container	5' o.c.	24" ht.	76
1+	Japanese Barberry	Container	5' o.c.	24" ht.	19
lvet	Franklinia	Container	As shown on plan	6' ht.	4
	Fosters American	B&B	As shown on plan	8'-10' ht.	8
	Holly Japanese Holly	Container	5' o.c.	24" ht.	43
	Virginia Sweetspire	Container	5' o.c.	24" ht.	27
	Chinese Juniper	B&B	As shown on plan	8'-10' ht.	12
	Sweetbay Magnolia	Container	Do not block window	6'-8' ht.	7
	Yoshino Cherry	B&B	As shown on plan	2 1/2" cal.	5
	Red Oak	B&B	35' o.c.	3 1/2 cal.	15
nial'	Littleleaf Linden	B&B	As shown on plan	2 1/2" cal.	5
;	Chinese Elm	B&B	35' o.c.	2 1/2" cal.	10
'Early	Blackhaw Viburnum	B&B	As shown on plan	2 1/" cal.	2
	Red Maple	B&B	20' o.c.	1/2 " cal.	15

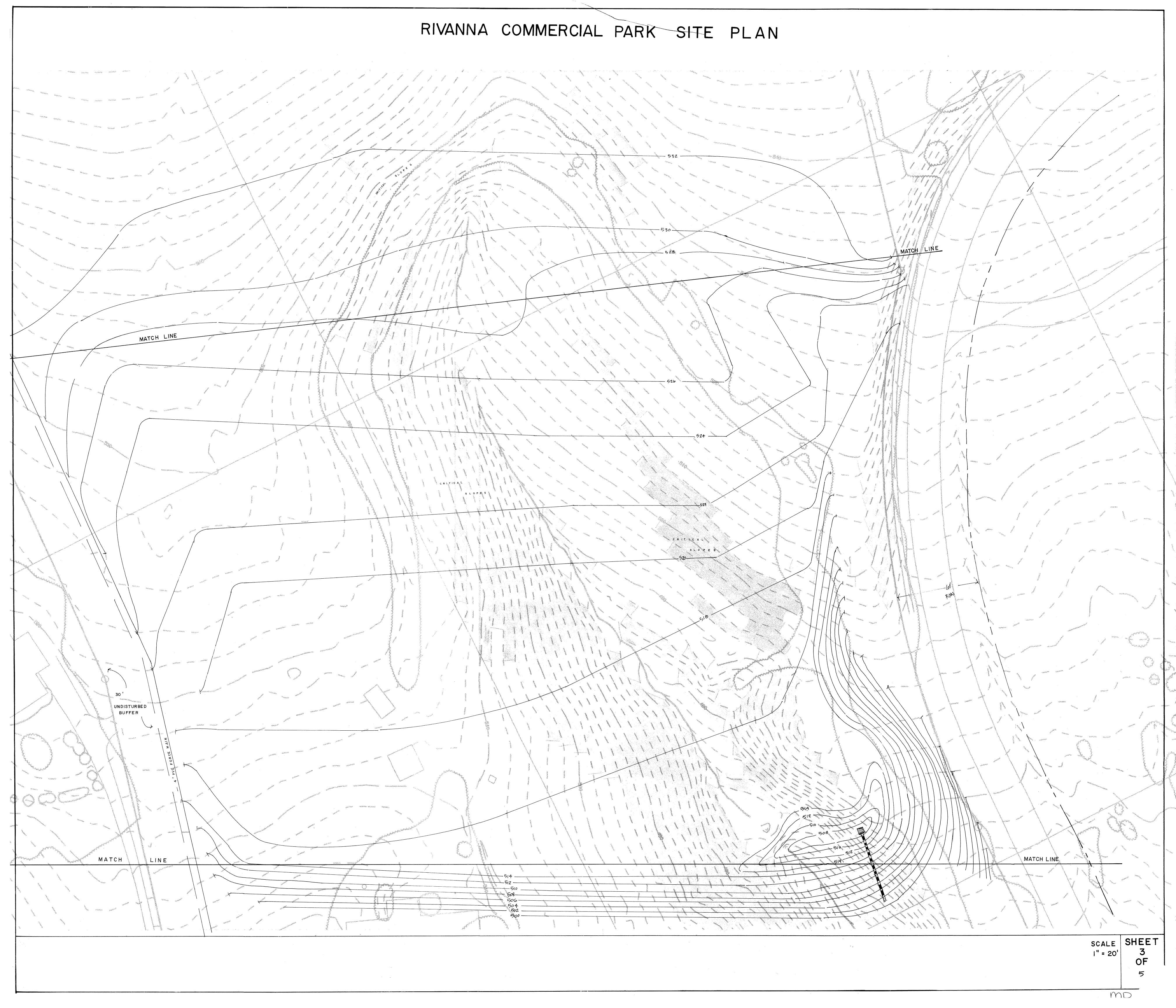
RIVANNA COMMERCIAL PARK Site Plan August 9, 1999 Sheet 1 of 5

DRAINAGE TABLE			
Symbol	Description	Top Elevation	Inv. In
A1	JB-1	469.0	454.18 457.8 (
A2	MH-1	473.3	461.64 461.64
A3	DI-7 Type II Grate	467.5	462.8
A4	MH - 1 DI-7 Grate Type I	465.5	463.5 (3" orif
C1	DI-12B	462.0	457.57
C2	Ex. ES		461.22
D1	Ex. DI-6A	473.9	
B1	ES-1		
B2	MH-1	469.5	464.5
B3	DI-7	509.0	



Joseph Associates 481 Clarks Tract Keswick, VA 22947 804-984-4199







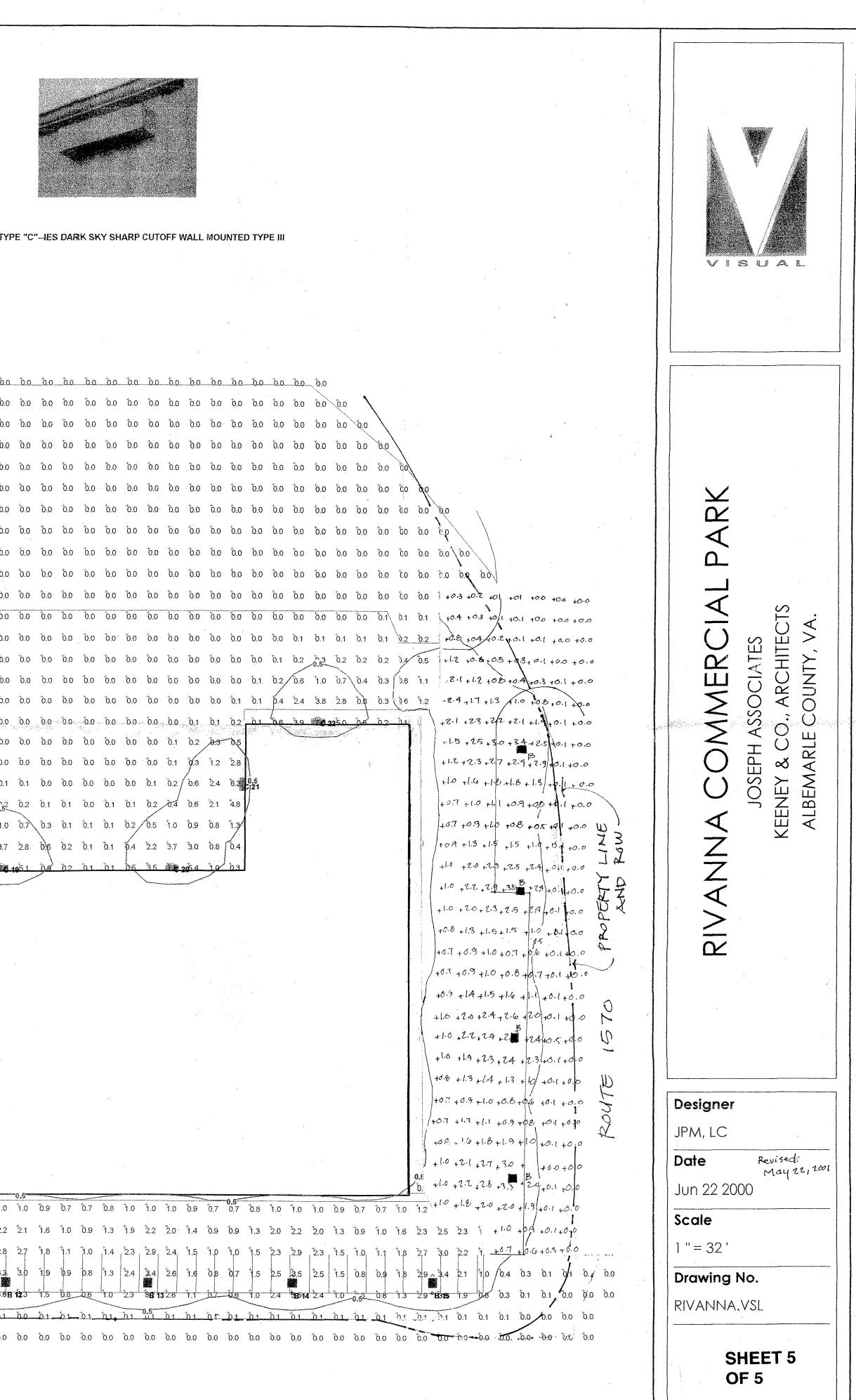
LUMINAIRE SCHEDULE Symbol Label Qty Catalog Number Description Lamp File		
A 7 BV2 250M R3 ARM MOUNTED PREMIUM ONE 250-WATT METAL CUT-OFF FIXTURE HALIDE, HORIZONTAL 97012226.ies	Lumens LLF es 23000 0.72	
W/SEGMENTED OPTICS POS.		
* W/SEGMENTED OPTICS POS. DATIOR SS/W 6X6 EXTRUDED AT UMA ONE 175 WATE METAL	es 23000 0.72	
C 10 175 IES DARK TYPE III FULL HALLIDE, HORIZ POS. U003IH.PHT SKY FULL CUTOFF CUTOFF WALL PACK		PE "A"IES SHARP CUTOFF TYPE III DISTRIBUTION 20' MOUNTING HEIGHT TYPE "
	PO	LE # SSP20-4.0-11-F-DM10
		PE "B"IES SHARP CUTOFF TYPE IV DISTRIBUTION 20' MOUNTING HEIGHT ILE # SSP20-4.0-11-DM10
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	b.1 b.1 b.3 b.5 b.7 1.0 1.6 2.8 4.6 2.9 1.7 b.6 b.1 b.3 b.5 b.7 b.9 1.6 2.6 4.4 3.3 1.9 b.7	0.3 0.6 1.0 0.6 0.2 0.1 0.1 0.1 0.2 0.6 1.0 0.6 0.3 0.1 0.1 0.1 0.2 0.5 1.0 0.7 0.5 2.6 3.7 2.5 0.5 0.2 0.1 0.1 0.5 2.5 3.7 2.6 0.5 0.2 0.1 0.1 0.4 2.3 3.7 2.8
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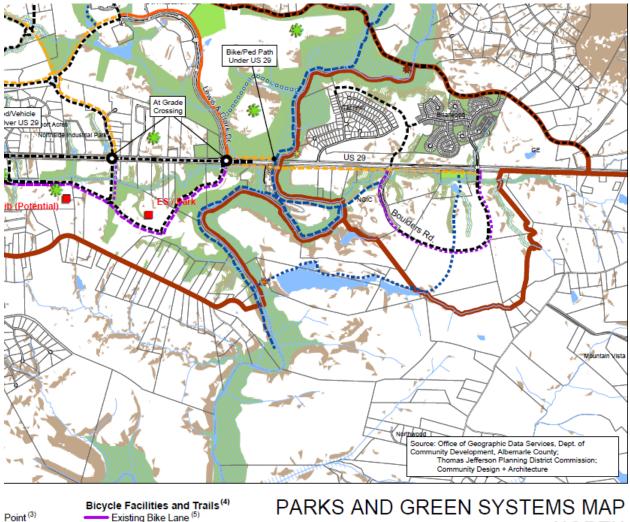
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Appendix E

Places29 Master Plan references



Point ⁽³⁾	Existing Bike Lane ⁽⁵⁾	
Point ⁽³⁾	Proposed Bike Lane (County) ⁽⁵⁾	
s Point ⁽³⁾	Proposed Bike Lane (Places 29) ⁽⁵⁾	/ PLACE
	Existing Trail	
	Proposed Trail (County)	20
mentary School;	Proposed Trail (Places 29)	
iol;	Existing Multi-Use Path	
;	Proposed Multi-Use Path	\sim
School]	Proposed Class A Trail (County)	
	Proposed Class A Trail (Places 29)	
	Proposed Facility Outside of	
	Northern Development Areas (6)	

