Date Issued: May 3, 2016

Revised: August 25, 2016

Revised: September 21, 2016

Sheet Index

Drawing Title

Títle Sheet

Notes and Legend

Generalized Development Plan Stormwater Management Concept Plan

Miscellaneous Details



Tax Map / Parcel No.:

Current Parcel Zoning:

Proposed Parcel Zoning:

Site Area: Present Use:

Proposed Use:

Water:

Sewer:

Wetlands On Site:

2.3645 Acres

Tax Map 35 ((A)) 119

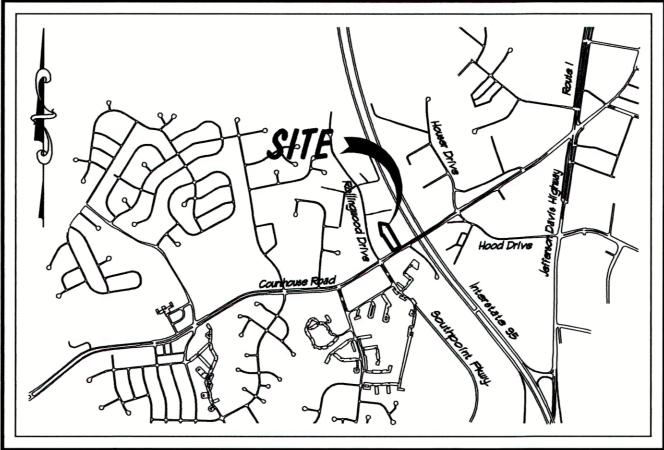
C-2/With Special Use Permit

Residential Vehicle Sales, Rental and Ancillary Service Est.

Public Public No

Wetlands Permits Required: No

Hydrologic Unit Code (HUC): RA46 (Rappahannock River/Hazel Run)



Vicinity Map Scale : 1" = 2000"

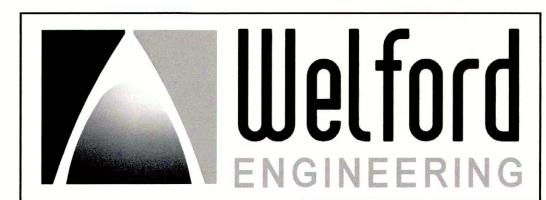
Rezoning & Special Use Permit Generalized Development Plan Courthouse Road Auto Center Courtland Magisterial District Spotsylvania County, Virginia

The Parcel Delineated On This Plan Is In Zone "X" (Unshaded) Areas Determined to be

Outside the 500 Year Flood Plain As Shown On FIRM Flood Insurance Rate Map

Community Panel No. 510308 0200 C Effective Date February 18, 1998.

Flood Plain:



Fredericksburg, VA 22408 Fax: 540-898-9324

Owner/Applicant

Yonus Attaí 8801 Classic Lakes Way Nokesville, VA 20181 540-710-4285



Site Plan Certificate:

I Hereby Certify To The Best of My Knowledge and Belief That This Plan is Correct and Complies with Spotsylvania County Code and that I am a Qualified Professional Licensed in Virginia.

Christopher M. kowalski, P.E. Lic. No. 42594

Date

C-1 Sheet 1 of 5 1933-1 GDP C-1 Cover.dwg WEA Cad File Name

JOB NO. : 1933-1

Resource List

Natural Gas

Columbia Gas of Virginia Richmond, VA 23219 1-800-544-5606

Miss Utility *

Miss Utility of Virginia 1-800-552-7001

* Contractor To Notify 48 Hours Prior To Any Excavation, As Required By Law

Electric

Dominion Virginia Power 980 Warrenton Road Fredericksburg, VA 22406 1-888-667-3000

Water/Sewer

Spotsylvanía Utilities Office 600 Hudgins Road Spotsylvanía, VA 22408 1-540-786-2364

Cable TV

Comcast 10841 Houser Drive Fredericksburg, VA 22408

Telephone

AT&T - Atlanta 1-800-252-1133

Telephone

Fredericksburg Division Verizon of Virginia 43 Bells Hill Road Stafford, VA 22554 1-877-562-2253

1-888-683-1000

			Legend						
<u>Exist</u>	<u>Prop</u>		3		<u>xist</u>	Prop			
		PROPERTY LINE / BOUNDARY	LINE	<i>U</i>	JGE	UGE	UNDERGI	ROUND ELECTRIC	
		RIGHT-OF-WAY/PROPERTY LIN	<i>IE</i>	—TEL		-TEL	TELEPHO	NE LINE	
		EASEMENT		——-C.F	4 <i>TV</i> —	CATV	CABLE 7	ν .	
		BUILDING SETBACK / BRL			I	ш СВ	CATCUE	BASIN (CB)	
		ZONING LINE				حطقه		ILET (DI)	
				•		•		ANHOLE (DMH)	
	— — — — EOP	GRAVEL ROAD		•		[PLUG/ST		
	EUP	EDGE OF PAVEMENT			1			END SECTION	
AG NOTED	AG NOTED	PAINTED CURB (FIRE LANE)			7		HEADWA		
AS NOTED AS NOTED	AS NOTED AS NOTED	CONC, CURB AND GUTTER		GT.	7	<u></u>	GREASE		
710 110 1 110	PO NOTES	CONC, CURB AND GUTTER (RE	EVERSE)	C5		<u> </u>		. STRUCTURE	
	HURRIN IISHIMA HUMAN—	LIMITS OF CONSTRUCTION							
SWL	SWL			③		•		IANHOLE (SMH)	
SYL	SYL	SOLID WHITE LINE					SEWER (CLEANOUT (CO)	
BWL	BWL	SOLID YELLOW LINE		-)MH	•	WATER I	1ANHOLE	
BYL	BYL	BROKEN WHITE LINE		•	WG)	WG ⊚	WATER (GATE (WG)	
BTL SWCHL	BTL	BROKEN YELLOW LINE		• → ⁷	TSV	—→TSV	TAPPING	SLEEVE, VALVE, ISER	
SYCHL	SYCHL	SOLID WHITE CHANNELIZING LI				⊱			
DYL	DYL	SOLID YELLOW CHANNELIZING	LINE	*	,	¥		RE REDUCER	
SL	SL	DOUBLE YELLOW LINE			FH >=	⊙ ^{FH}		CONNECTION	
		STOP LINE		<i>h</i>	WM	⊙	FIRE HY		
<u> </u>	<u> </u>	STEEL GUARD RAIL			PIV	•PIV	WATER I		
		WOOD GUARD RAIL		Ø		ø		DICATOR VALVE (PIV)	
		·····					WELL		
~~~	$\qquad \qquad $	TREE LINE			aG O	GG CM	GAS GAT	E (GG)	
XX	— <i>x</i> —— <i>x</i> —	CHAIN LINK FENCE		<b>∵</b>	GM I	<i>G</i> M ⊡	GAS MET	TER	
0000000	<b>~~~~~~</b>	STONE WALL		<del></del>	1	•	EI ECTDI	C MANHOLE	
	a de de de de de de d	HAY BALES				昼	ELECTRIC		
	358	MINOR CONTOUR			EM	EM 0	ELECTRIC		
<i>360</i>	360	MINOR CONTOUR MAJOR CONTOUR		\$		<b>\$</b>	LIGHT PO		
320	320	HAJOR CONTOUR		·		, <b>∢</b>		DUNTED LIGHT	
<u> </u>	1			•-		•=		UMINAIRE	
(1)1111		BUILDING		B-0-1	-8			LUMINAIRE	
<b>4</b>	◀ '	BUILDING ENTRANCE		m-+-1				.UMINAIRE	
0	•	BOLLARD		-T.	_	_Ŧ_			
-0-	-	SIGN		11/1/2 × 11/1/2			QUAD LU		
<del>⊸</del> PM	<del>=</del> ₽M	DOUBLE SIGN				<b>*</b>	WALL PA	<u></u>	
•	•	PARKING METER		Ø	)	•	TELEPHO	NE MANHOLE (TMH)	
				75	9	<i>T5</i>	TRAFFIC	SIGNAL	
(8)	8	PARKING COUNT		5		5	SIGNAL I	3 <i>0X</i>	
	<b>A</b>	CONC. DAVEMENT			ACP	FACP	FIRE ALA	ARM CONTROL PANEL	
		CONC. PAVEMENT NORMAL PAVEMENT		F.	<i>-B</i>	<i>FB</i> ⊡	FIRE ALA	ARM BOX	
	E0000000000	HEAVY DUTY PAVEMENT		$\mathcal{T}$	]	7	TRANSFO	PRMER PAD	
	<b>₩₩</b>	HANDICAP RAMP			)		MANHOLE		
	Ł.	HANDICAP PARKING		-0-		•	UTILITY	,	
	0	VAN-ACCESSIBLE HANDICAP I	PAPKING	0-		•	GUY POL		
	VAN	FAIT ACCECSIDED MAINDICAP	CINNIG	<i>H</i> H		<del>    </del>	HAND HO		
21.25 21.00	21.25 21.00	TOP & BOTTOM ELEVATION		PE		<u> </u>	PULL BO	, ,	
21,00 ,21,25 ,21,00	21.00 ×21.25 ×21.00	TOP # BOTTOM ELEVATION							
<u>21.75</u> 21,00	<u>21.75</u> 21.00	SPOT ELEVATION W/LEADER							
x <u>21.75</u>	x <u>21.75</u>	SPOT FLEVATION UVLEADER							
×100 75	× 100 <u>75</u>	SPOT ELEVATION		4	ABBR	EVIA7	TIONS		
*	<b>A</b>	BORING LOCATION		<u>GENERAL</u>				<u>UTILITY</u>	
		TEST PIT LOCATION	ABAN ADJ	ABANDON ADJACENT			ACCMP	ASPHALT COATED CORE	
_			<b>APPROX</b>	APPROXIMATE	-		CAP	CORRUGATED ALUMINUM CAST IRON PIPE	
EX STM DRAIN	STM DRAIN	DRAINAGE LINE	BC BOS BWL	BITUMINOUS CUI BOTTOM OF SLO BROKEN WHITE	OPE		CIT CLDI CO	CHANGE IN TYPE CEMENT LINED DUCTILE CLEAN OUT	

ROOF DRAIN

SEWER LINE

WATER LINE

FIRE PROTECTION LINE

EX ROOF DRAIN

EX GAS MAIN

ROOF DRAIN

GAS MAIN

ADDREVIATIONS										
		GENERAL		<u>UTILITY</u>						
	BC BOS BWL BYL CCB DYL ELEV EXIST FDN GC MAX	ABANDON ADJACENT APPROXIMATE BITUMINOUS CURB BOTTOM OF SLOPE BROKEN WHITE LINE BROKEN YELLOW LINE CAPE COD BERM DOUBLE YELLOW LINE ELEVATION EXISTING FOUNDATION GRANITE CURB MAXIMUM MINIMUM NOT IN CONTRACT NOT TO SCALE PRECAST CONCRETE CURB PROPOSED REMOVE REMODEL RETAIN REMOVE AND RESET REMOVE AND STACK SLOPED GRANITE EDGING STOP LINE TOP OF SLOPE TYPICAL SINGLE WHITE LINE SINGLE WHITE CHANNELIZING LINE SINGLE YELLOW LINE	ACCMP CAP CIP CIT CLDI COND CPP DIP F&G FH INP PWW TSV&B UP VCP	ASPHALT COATED CORRUGATED CORRUGATED ALUMINUM PIPE CAST IRON PIPE CHANGE IN TYPE CEMENT LINED DUCTILE IRON PIPE CLEAN OUT CONDUIT CORRUGATED POLYETHYLENE PIPE DRAIN INLET DUCTILE IRON PIPE FRAME AND COVER FRAME AND GRATE FIRE HYDRANT INVERT ELEVATION METAL PIPE POLYVINYLCHLORIDE PIPE PAVED WATER WAY REINFORCED CONCRETE PIPE TAPPING SLEEVE, VALVE AND BOX UTILITY POLE VITRIFIED CLAY PIPE						

SINGLE YELLOW CHANNELIZING LINE

VERTICAL GRANITE CURB

#### GENERAL NOTES

- 1. NO TITLE REPORT HAS BEEN FURNISHED, THEREFORE, THIS PLAN MAY NOT SHOW ALL ENCUMBRANCES ON THE PROPERTY.
- 2. THIS PROJECT IS TO BE SERVED BY PUBLIC WATER AND SEWER.
- 3. STORMWATER MANAGEMENT FOR THIS SITE WILL BE DESIGNED IN ACCORDANCE WITH THE CHESAPEAKE BAY PRESERVATION ACT AND ARTICLE 4 STORMWATER MANAGEMENT OF THE SPOTSYLVANIA COUNTY DESIGN STANDARDS MANUAL.
- 4. NO BURNING PERMITTED.
- 5. ALL REFUSE WILL BE COLLECTED ON SITE BY A PRIVATE VENDOR.
- 6. THERE ARE NO KNOWN HISTORIC BUILDINGS OR FEATURES WITHIN THE SITE AREA.
- 7. THERE ARE NO KNOWN GRAVES, OBJECTS OR STRUCTURES MARKING PLACE OF BURIAL ON THIS SITE.
- 8. THERE ARE NO CRITICAL RESOURCE PROTECTION AREAS WITHIN THE SITE AREA.
- 9. CBPA NOTE: THE CBPA IS AN OVERLAY DISTRICT THAT ENCOMPASSES THE CHESAPEAKE BAY WATERSHED AND ALL OF SPOTSYLVANIA COUNTY. THE PARCEL DESCRIBED WITHIN THIS PLAN DOES NOT CONTAIN RESOURCE PROTECTION AREA (RPA) FEATURES,
- 10. PROPERTY OWNERS ARE RESPONSIBLE FOR PRESERVING DRAINAGE EASEMENTS ON/ACROSS THEIR PROPERTY. SUCH EASEMENTS SERVING ROADWAYS MAINTAINED BY VDOT WILL BE MAINTAINED BY VDOT ONLY AS REQUIRED TO PROTECT THE ROADWAY FROM DAMAGE OR FLOODING.
- 11. FINAL DESIGN PLANS TO BE APPROVED BY THE FIRE MARSHAL AND UTILITIES DEPARTMENT.
- 12. FINAL DESIGN PLAN TO INCLUDE STORM SEWER SYSTEM DESIGNS IF REQUIRED.
- 13. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH VDOT AND SPOTSYLVANIA COUNTY STANDARDS (ARTICLE 5.6, S.C.D.S.M.)
- 14. LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARDS IDENTIFIED IN ARTICLE 5 (5-7) OF THE SPOTSYLVANIA COUNTY DESIGN STANDARDS MANUAL AND THE ASSOCIATED PROFFER STATEMENT, THE APPLICANT RESERVES THE RIGHT TO DEVELOP A COMPREHENSIVE LIGHTING PLAN, SUBJECT TO THE APPROVAL OF SPOTSYLVANIA COUNTY.
- 15. NO PUBLIC STREET ARE PROPOSED FOR THIS DEVELOPMENT.
- 16. DIMENSIONS, AREAS, BUILDING SQUARE FOOTAGES, AND LAYOUT ARE APPROXIMATE IN NATURE AND SUBJECT TO FINAL ENGINEERING.
- 17. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING THE STORMWATER FACILITY(S), OPEN SPACE, AND PARKING LOT
- 18. THE PROPERTY IS LOCATED WITHIN THE PRIMARY HIGHWAY CORRIDOR OVERLAY DISTRICT (HCOD).
- 19. THE PROPOSED VEHICLE SALES, RENTAL AND ANCILLARY SERVICE ESTABLISHMENT WILL GENERATE APPROXIMATELY FIFTY-ONE (51) VEHICLE TRIPS PER DAY (VPD).
- 20. EROSION AND SEDIMENT CONTROL FOR THE SITE WILL BE PROVIDED THROUGH ON-SITE MEASURES IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT
- 21, THE PROPERTY IS LOCATED WITHIN THE AIRPORT PROTECTION OVERLAY DISTRICT.
- 22. A WAIVER OF DSM 8-3.1.0 IS REQUIRED TO PERMIT A WOODEN DUMPSTER PAD ENCLOSURE. A WAIVER WE BE REQUESTED AT SITE PLAN SUBMISSION,
- 23. ALL BUILDING CONSTRUCTION SHALL BE IN CONFORMANCE WITH SECTION 8-3.5 OF THE SPOTSYLVANIA COUNTY DSM UNLESS A WAIVER IS GRANTED BY THE PLANNING DIRECTOR AT SITE PLAN REVIEW.
- 24, SITE LIGHTING AND SIGNS SHALL REQUIRE SEPARATE PERMITS.
- 25. ALL SIGNS SHALL MEET ZONING REQUIREMENTS, INCLUDING SETBACKS.
- 26. ALL FENCING AND/OR SCREENING WALLS SHALL BE CONSTRUCTED WITH THE FINISHED SIDE FACING EXTERNAL TO THE PROPERTY.
- 27. BUILDING FACADES VISIBLE FROM THE HIGHWAY CORRIDOR MAY INCORPORATE A VARIETY OF MATERIALS SUCH AS WOOD, STUCCO, STONE, CEMENT SIDING (HARDI PLANK), FACE BRICK OR TEXTURED ARCHITECTURAL BRICK OR TINTED/TEXTURED CONCRETE MASONRY UNITS AND OTHER EQUIVALENT MATERIAL.

#### SITE DATA TABULATIONS

PROJECT NAME: GENERALIZED DEVELOPMENT PLAN
COURTHOUSE ROAD AUTO CENTER

APPLICANTS/OWNERS: YONUS ATTAI

8801 CLASSIC LAKES WAY NOKESVILLE, VA 20181 540-710-4285

ENGINEER: WELFORD ENGINEERING ASSOCIATES, INC.

4545 EMPIRE COURT FREDERICKSBURG, VIRGINIA 22408

(540) 898-9330

TOPOGRAPHY TOPOGRAPHIC INFORMATION SHOWN HEREON WAS TAKEN FROM SPOTSYLVANIA COUNTY GIS.

BOUNDARY: BOUNDARY INFORMATION TAKEN FROM A PLAT

ENTITLED "PLAT OF SURVEY TAX MAP 35 ((A)) 119"
PREPARED BY SDI, DATED JULY 23,2014.

TAX MAP/PARCELS TAX MAP 35 ((A)) 119

EXISTING ZONING: R-1 PROPOSED ZONING: C-2

PRESENT USE: RESIDENTIAL

PROPOSED USE: VEHICLE SALES

PROPOSED USE: VEHICLE SALES

PARKING TABULATION

PARKING REQUIRED:

ZONING:

**WETLANDS:** 

PARKING REQUIREMENT: 1 SPACE PER 500 SF OF ENCLOSED SALES/RENTAL FLOOR AREA

NO

1 SPACE PER 2,500 SF OF OPEN SALES/RENTAL DISPLAY LOT AREA 2 SPACES PER SERVICE BAY

1 SPACE PER EMPLOYEE, BUT NEVER LESS THAN FIVE (5)

1,360 SF (ENCLOSED SALES AREA)/500 = 3 SPACES
16,500 SF (OPEN SALES AREA)/2,500 = 7 SPACES

5 EMPLOYEES x 1 = 5 SPACES

TOTAL SPACES REQ'D. = 15 SPACES SPACES PROVIDED = 15 SPACES

#### COMMERCIAL 2 (C-2) ZONING REQUIREMENTS:

MINIMUM LOT AREA: 20,000 SF

EX./PROP. LOT AREA: 2.3645 AC. OR 102,998 SF

MINIMUM LOT WIDTH: 100 FEET

EX./PROP. LOT WIDTH: 162.17 FEET

MAXIMUM BUILDING HEIGHT: 55 FEET

EX./PROP. BUILDING HEIGHT: 35 FEET

BUILDING SETBACKS: FRONT YARD: 30 FEET SIDE YARD: NONE REAR YARD: 20 FEET

REAR YARD:

MAXIMUM FLOOR AREA RATIO
(FAR): 0.70

PROPOSED FAR: 0.013

REQUIRED OPEN SPACE: 15% OR 0.35 AC.

PROPOSED OPEN SPACE: 1.5076 AC. OR 63.7%

IMPERVIOUS SURFACE: 37,331 OR 0.8570 AC.

IMPERVIOUS SURFACE RATIO: 0,8570 AC, / 2,3645 AC, = 36,2%

LOT COVERAGE: 1,556 SF OR 0.0357 AC.

LOT COVERAGE RATIO: 0.0357 AC. / 2.3645 AC. = 1.5%

LOT COVERAGE RATIO: 0.0357 AC. / 2.3645 AC. = 1.5%

TRIP GENERATION: ITE USE 841: 21.4 TRIPS PER EMPLOYEE
5 EMPLOYEES X 21.4 TRIPS = 105.7 OR 106 TRIPS PER DAY





4545 Empire Court Fredericksburg, VA 22408 Phone: 540-898-9330 Fax: 540-898-9324

LIZED DEVELOPMENT PLA COURTHOUSE ROAD AUTO CENTER

AUTO CENT

VDOT COMMENTS 9/21/16

COUNTY COMMENTS 8/25/16

DESIGNED BY: CMK
DRAWN BY: HOSS
CHECKED BY: CMK
SCALE: NO SCALE

PROFESSIONAL SEAL

CHRISTOPHER M. KOWALSKI
Lic. No. 42594

DRAWING TITLE

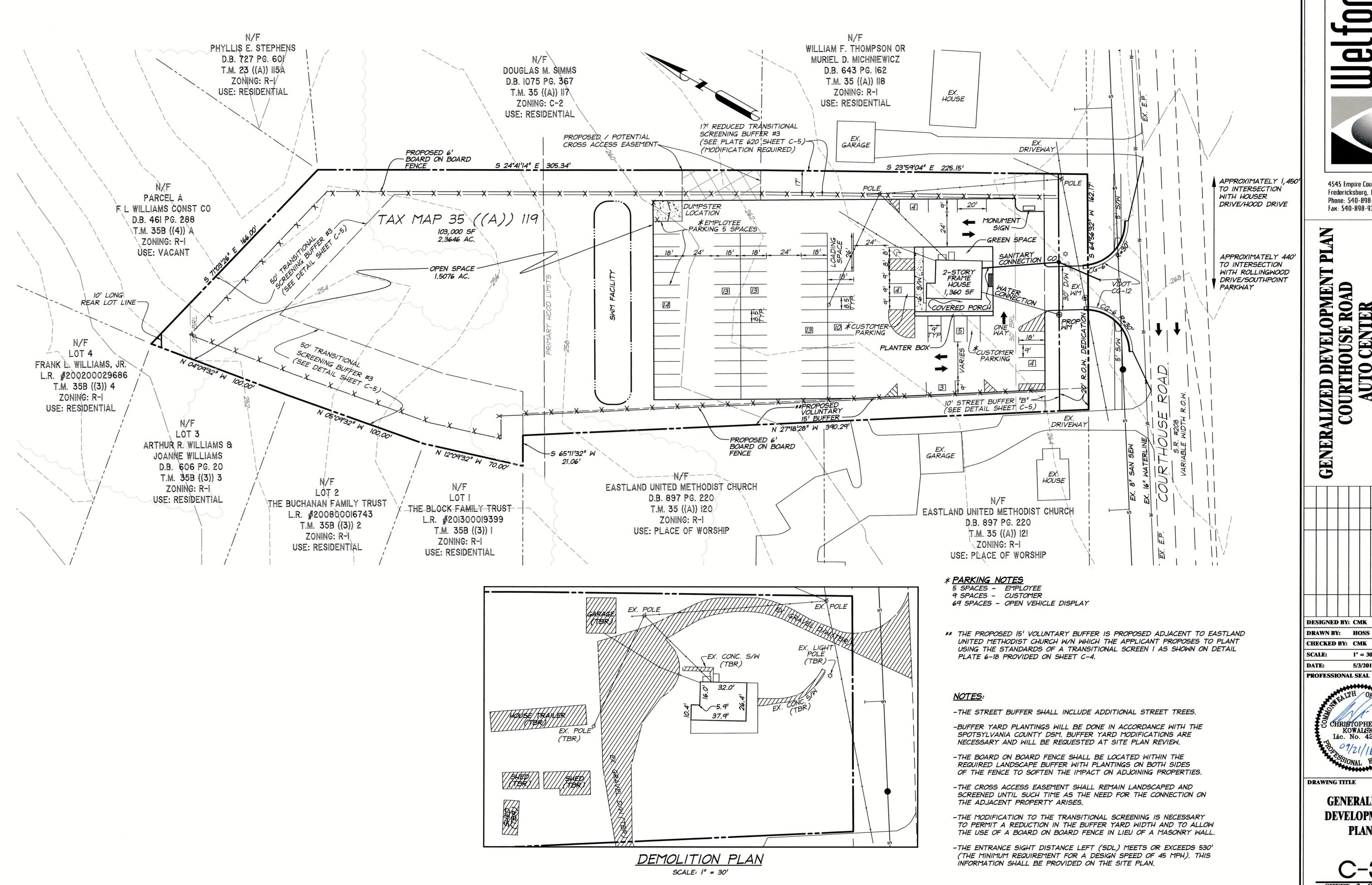
NOTES AND LEGEND

SHEET 2 OF 5

1933-1 GDP C-2 Notes & Legend.dwg
WEA Cad File Name

**JOB NO.:** 1933-

BUILDING ELEVATION



TO BE REMOVED (TBR)

elfor

4545 Empire Court Fredericksburg, VA 22408 Phone: 540-898-9330 Fax: 540-898-9324

ALIZED DEVELOPMENT COURTHOUSE ROAD AUTO CENTER

1" = 30'5/3/2016

CHRISTOPHER M KOWALSKI Lic. No. 42594

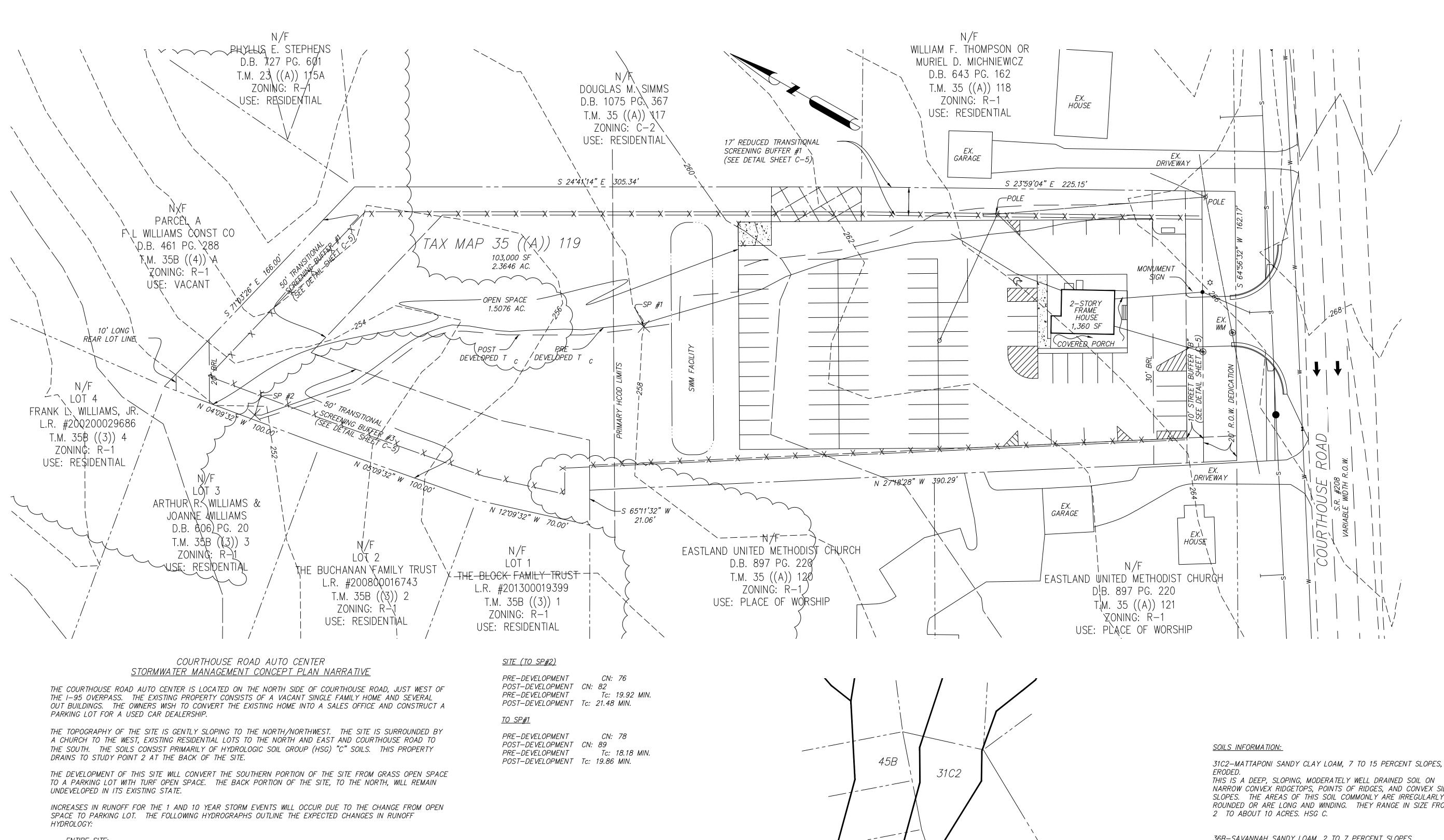
**GENERALIZED DEVELOPMENT PLAN** 

SHEET 3 OF 5

JOB NO.: 1933-1

SCALE IN FEET

1933-1 GDP C-3 Generalized Development Plan.dwg **WEA Cad File Name** 



ENTIRE SITE:

1 YEAR PRE-DEVELOPMENT: 2.88 CFS 1 YEAR POST-DEVELOPMENT: 3.43 CFS

10 YEAR PRE-DEVELOPMENT: 8.16 CFS 10 YEAR POST-DEVELOPMENT: 8.38 CFS

STUDY POINT #1: 1 YEAR PRE-DEVELOPMENT: 1.84 CFS

1 YEAR POST-DEVELOPMENT: 3.12 CFS 10 YEAR PRE-DEVELOPMENT: 4.94 CFS

10 YEAR POST-DEVELOPMENT: 6.51 CFS

TO ADDRESS THESE INCREASES, WE INTEND TO CONSTRUCT A LARGE BIO-FACILITY AT THE EDGE OF THE PARKING LOT THAT WILL RECEIVE RUNOFF FROM THE LARGE MAJORITY OF THE IMPERVIOUS SURFACES ON THE PROPERTY. THE BIOFACILITY WILL BE A TYPE II BIOFACILITY THAT WILL LIKELY BE DESIGNED TO ALLOW FOR ADDITIONAL STORAGE TO ADDRESS ANY REQUIREMENTS STEMMING FROM THE ENERGY BALANCE EQUATION RESULTS. IF THIS APPROACH IS NOT FEASIBLE, WE WILL LIKELY PROPOSE A BIOFACILITY AT THE EDGE OF THE PARKING LOT THAT DISCHARGES INTO A SMALL EXTENDED DETENTION FACILITY THAT WILL HANDLE THE WATER QUANTITY REQUIREMENTS FOR THE PROJECT.

*36B* 

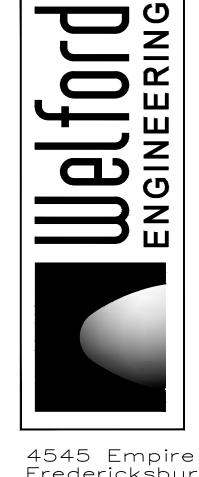
SCALE: 1" = 100'

NARROW CONVEX RIDGETOPS, POINTS OF RIDGES, AND CONVEX SIDE SLOPES. THE AREAS OF THIS SOIL COMMONLY ARE IRREGULARLY ROUNDED OR ARE LONG AND WINDING. THEY RANGE IN SIZE FROM

36B-SAVANNAH SANDY LOAM, 2 TO 7 PERCENT SLOPES. THIS IS A DEEP, GENTLY SLOPING, MODERATELY WELL DRAINED SOIL ON BROAD CONVEX RIDGETOPS. THE RIDGES ARE ABOUT 400 TO 1,600 FEET WIDE. THE AREAS OF THIS SOIL ARE ELONGATED OR IRREGULARLY RECTANGULAR. THEY RANGE IN SIZE FROM 2 TO ABOUT 40 ACRES OR MORE. HSG C.

45B-UDORTHENTS-UDIFLUVENTS COMPLEX, GENTLY SLOPING. THE SOILS MAKING UP THIS COMPLEX ARE DEEP, GENTLY SLOPING, AND WELL DRAINED TO SOMEWHAT POORLY DRAINED. THEY ARE ALONG DRAINAGEWAYS AND SMALL STREAMS. THE AREAS OF THESE SOILS ARE SO INTERMINGLED THAT IT WAS NOT PRACTICAL TO MAP THE SOILS SEPARATELY. THE MAPPED AREAS ARE LONG AND WINDING AND RANGE FROM 2 TO ABOUT 50 ACRES OR MORE IN SIZE. THE SLOPES COMMONLY RANGE FROM 2 TO 7 PERCENT. THE COMPLEX CONSISTS OF ABOUT 50 PERCENT UDORTHENTS, 35 PERCENT UDIFLUVENTS, AND 15 PERCENT OTHER SOILS. HSG C.

SCALE IN FEET



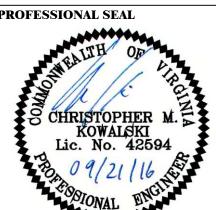
Fredericksburg Phone: Fax:

RALIZED DEVELOPMENT F COURTHOUSE ROAD AUTO CENTER

	CFNFD					
				9/21/18	91/52/8	
				NDOT COMMENTS	COUNTY COMMENTS	
				$\langle \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	ee arphi	

**DESIGNED BY: CMK DRAWN BY:** HOSS CHECKED BY: CMK

**SCALE:** 1'' = 30'DATE: 5/3/2016 PROFESSIONAL SEAL



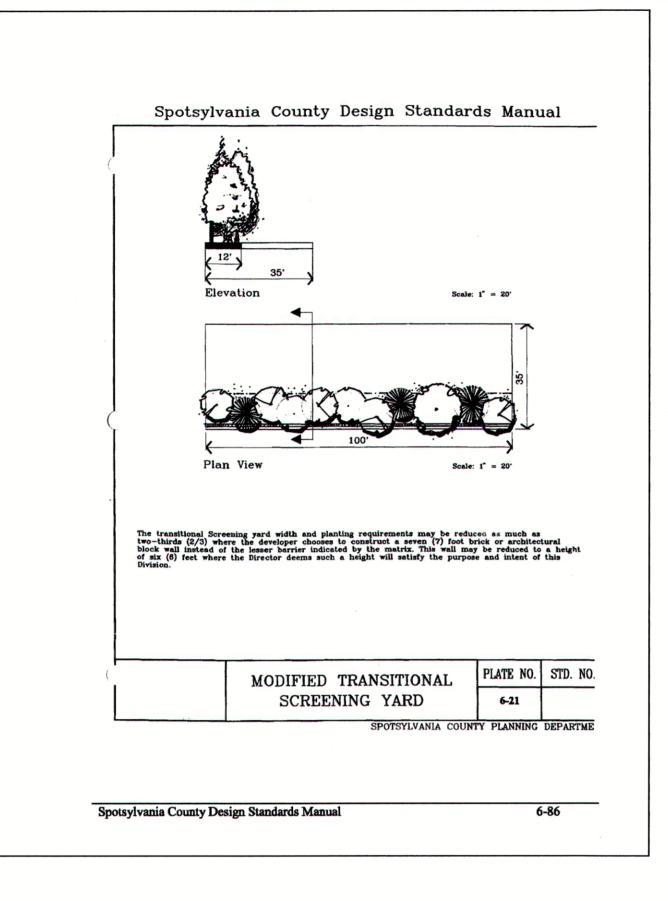
**DRAWING TITLE** 

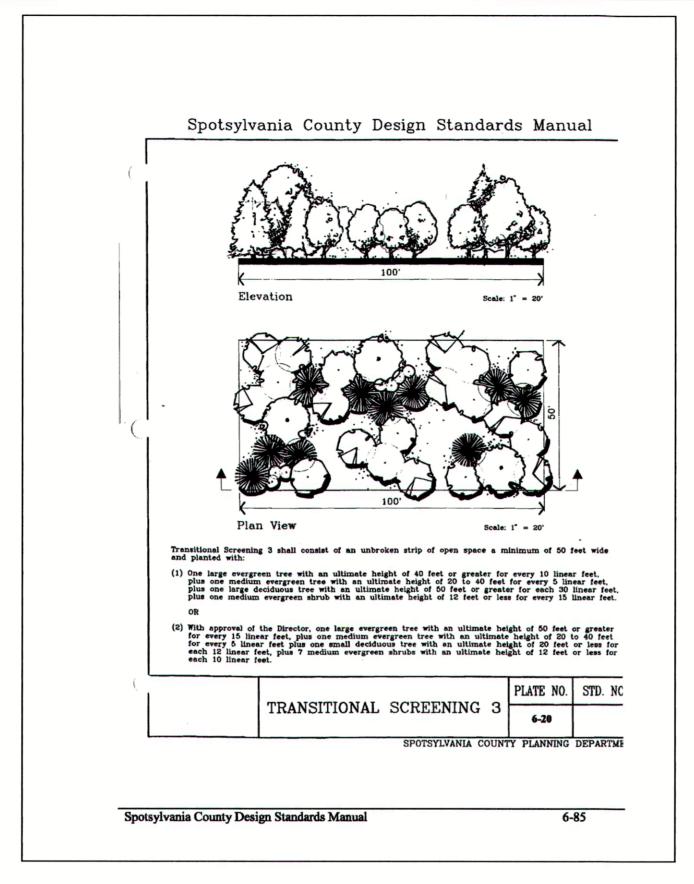
**STORMWATER MANAGEMENT CONCEPT PLAN** 

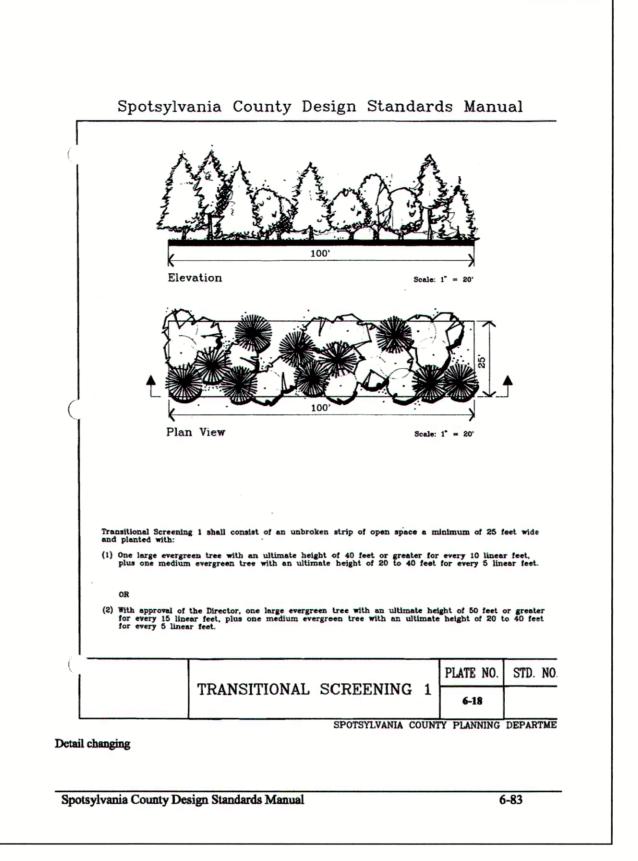
SHEET 4 OF 5

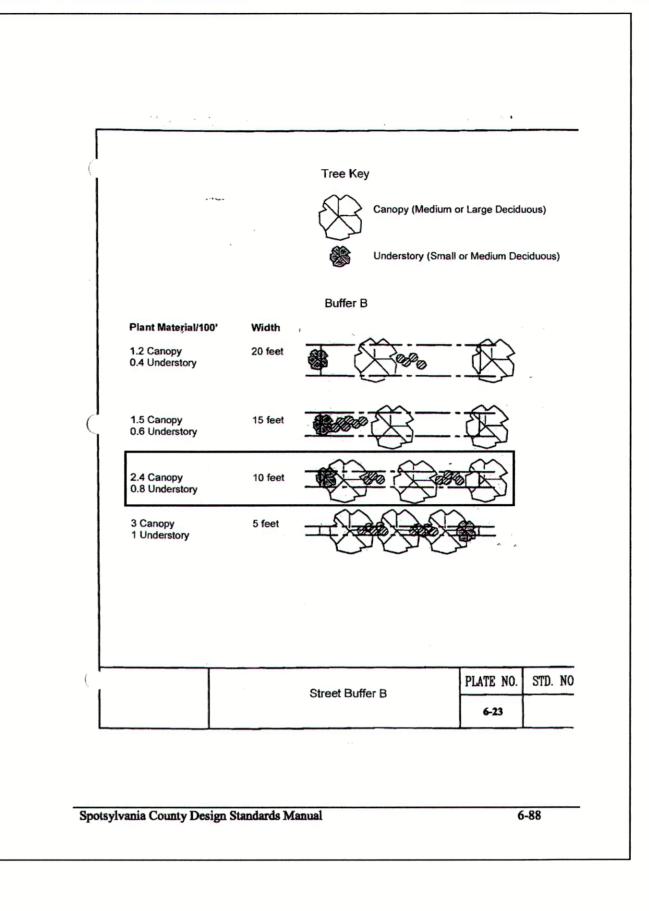
1933-1 GDP C-4 SWM Concept Plan.dwg **WEA Cad File Name** 

**JOB NO.:** 1933-1



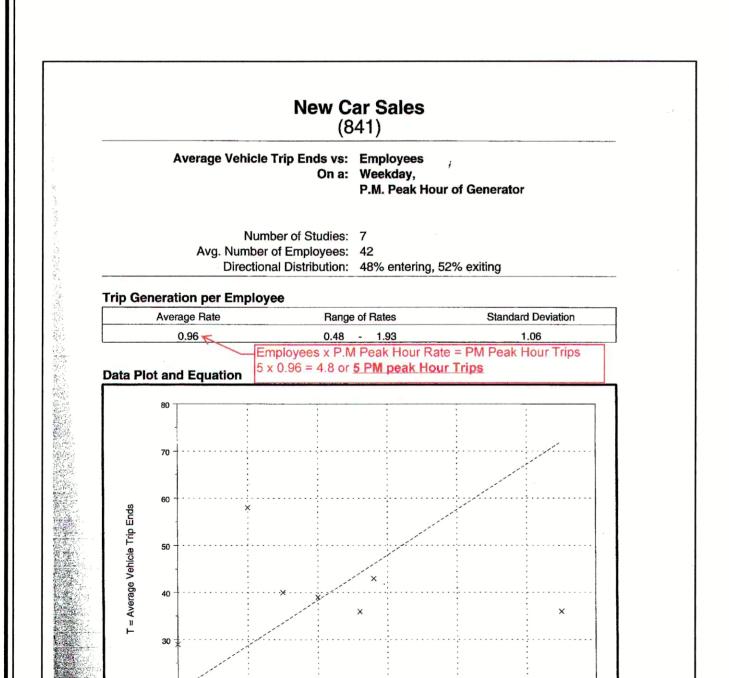






DUMPSTER ENCLOSURE

N.T.S.



X = Number of Employees

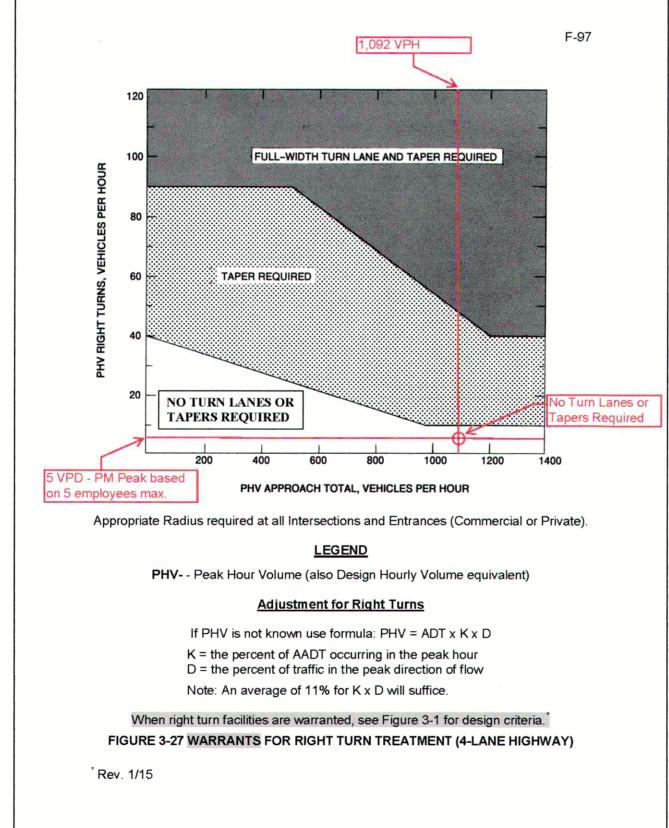
Fitted Curve Equation: Not given

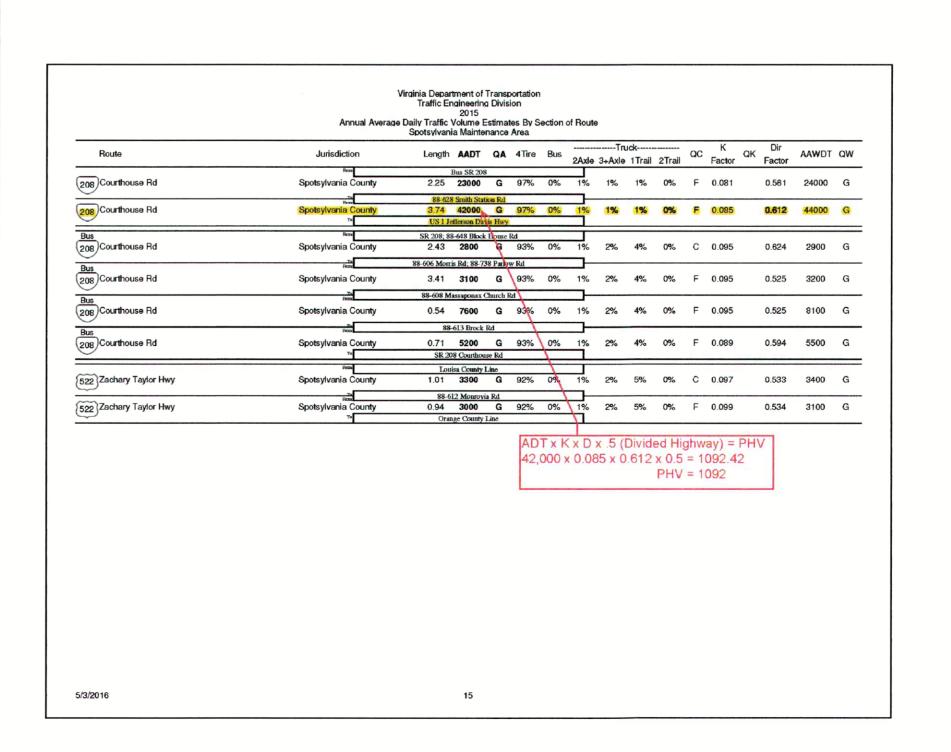
rip Generation, 7th Edition

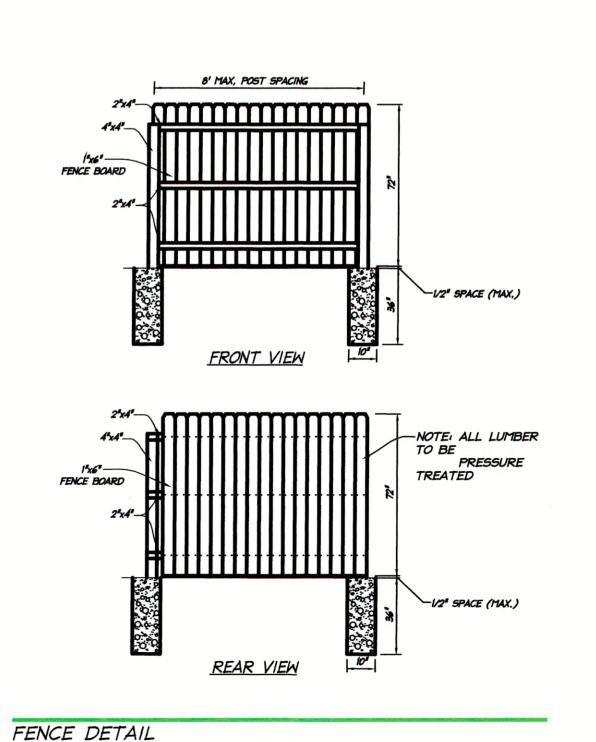
---- Average Rate

 $R^2 = *****$ 

Institute of Transportation Engineers







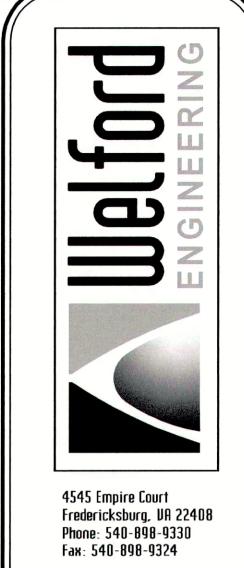
-4 1/2" MIN, DIA CEDAR POST 8'-0" O.C. TYP.

- 2-3/4" MIN, DIA, HORIZONTAL RAIL MITH 16D GALV, FASTENE THRU POST INTO DONEL

Side Elevation End Elevation

N.T.S.

_ 2 1/8" HIDE x 2 1/4" LONG EACH END TYPICAL



EVELOPMENT I OUSE ROAD CENTER COURTHOUSE **AUTO** 

ENER

**DESIGNED BY: CMK** DRAWN BY: HOSS CHECKED BY: CMK SCALE: NO SCALE

DATE: 5/3/2016 **PROFESSIONAL SEAL** 

KÓWALSKI Lic. No. 42594

DRAWING TITLE

**MISCELLANEOUS DETAILS** 

SHEET 5 OF 5 1933-1 GDP C-5 Misc Details.dwg **WEA Cad File Name** 

**JOB NO.:** 1933-1