

SITE PLAN TOWN OF VIENNA POLICE STATION

Town of Vienna, Virginia

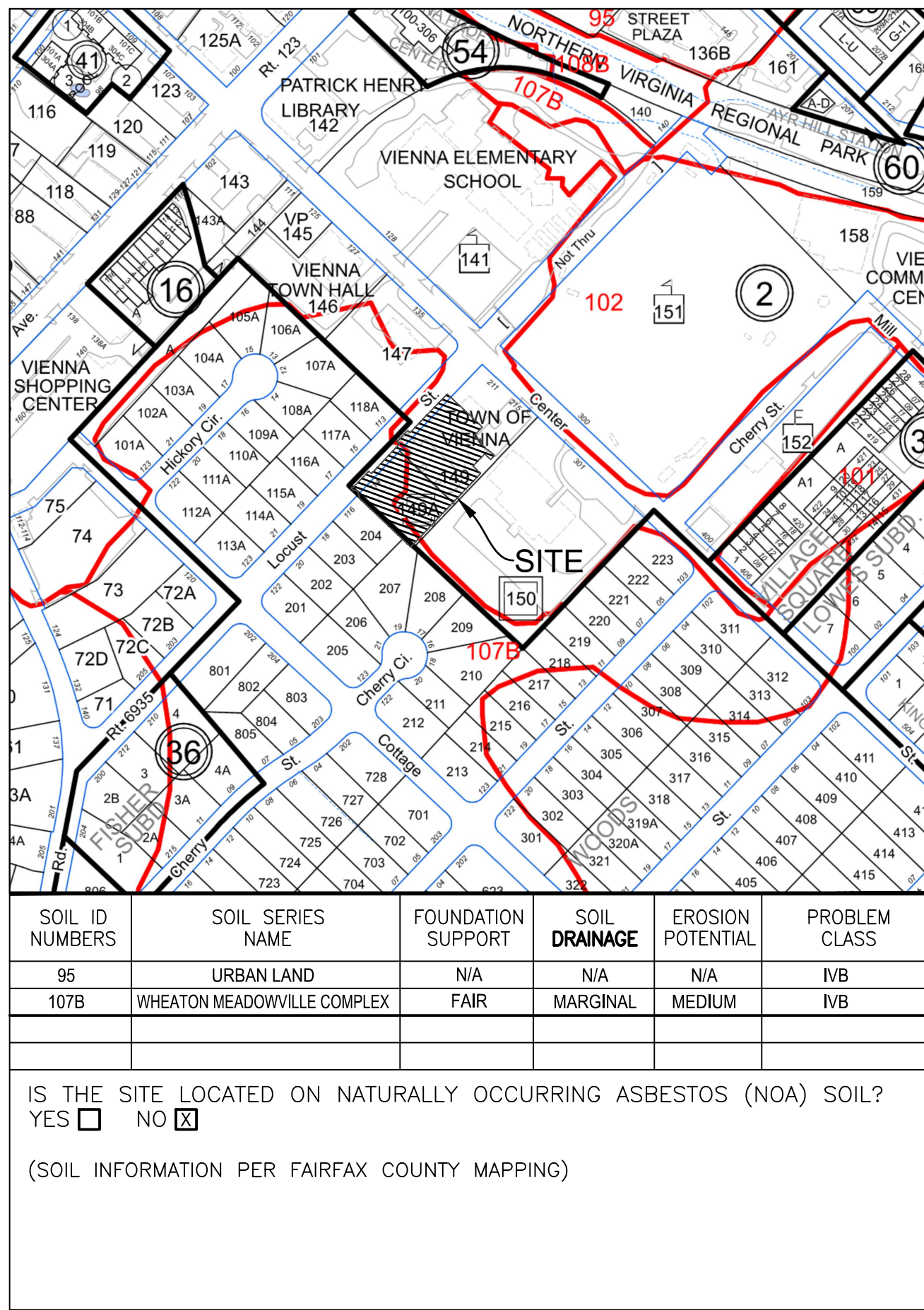
VICINITY MAP

SCALE 1"=300'



SOILS MAP

SCALE 1"=200'



OWNER INFORMATION:

TAX MAP #: 38-4 ((2)) 149, 149A
SITE ADDRESS: 211 CENTER ST (149)
VIENNA, VA 22180
114 LOCUST ST (149A)
VIENNA, VA 22180

OWNER: TOWN OF VIENNA
DB 3321 PG 89 (149)
DB 23068 PG 295 (149A)

SHEET INDEX

Sheet Number	Sheet Title
C-001	COVER SHEET
C-002	ABBREVIATIONS, NOTES & LEGEND
C-101	EXISTING CONDITIONS
C-102	DEMOLITION PLAN
C-103	SITE PLAN
C-104	GRADING AND UTILITY PLAN
C-105	EROSION AND SEDIMENT CONTROL PLAN - PHASE I
C-106	EROSION AND SEDIMENT CONTROL PLAN - PHASE II
C-107	LANDSCAPE PLAN
C-502	EROSION AND SEDIMENT CONTROL DETAILS
C-503	LANDSCAPE SCHEDULE & DETAILS

ZONING REQUIREMENTS:

ZONING: RM-2

MINIMUM LOT AREA: 8,000 SF

MINIMUM LOT WIDTH: 70'
- AT STREET LINE: 40'

MAXIMUM BUILDING HEIGHT: 3 STORIES NOT TO EXCEED 35'

MINIMUM YARD REQUIREMENTS :
FRONT- 60' (MEASURED FROM THE STREET CL)
SIDE- 25'
REAR- 35'

MINIMUM LOT COVERAGE: 25%



Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station

215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

AS
NOTED



No.	DATE	BY	Description

REVISIONS

DRAWN BY: KM

APPROVED BY: TC

CHECKED BY: RW

DATE: AUGUST 29, 2019

TITLE

COVER SHEET

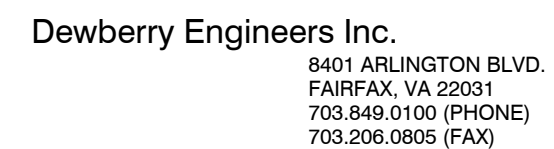
PROJECT NO.

C-001

SHEET NO.

C-001 OF

1		2		3		3		5		5		6				
ABBREVIATIONS				LEGEND				GENERAL NOTES				SURVEY NOTES				
				ADDITIONAL LEGEND INFORMATION PROVIDED ON APPLICABLE SHEETS				ADDITIONAL DESIGN AND CONSTRUCTION NOTES ARE PROVIDED IN APPLICABLE SECTIONS.								
A	A	AASHTO	AREA OR ARC AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	M	M	MONUMENT FOUND	PROPOSED IMPROVEMENTS BY OTHERS	-----		1.	ALL CONSTRUCTION SHALL CONFORM TO TOWN OF VIENNA AND VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.					
	AC	ACRE	MECH		EXISTING INTERMEDIATE CONTOUR	-----86-----		THE SITE SHOWN HERON IS REFERENCED TO THE VIRGINIA COORDINATE SYSTEM OF 1983 AS COMPUTED FROM FIELD RUN BOUNDARY AND HORIZONTAL AND VERTICAL CONTROL SURVEY .								
	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MH		EXISTING CONTOUR INDEX	-----200-----		THE SITE SHOWN HERON IS REFERENCED TO THE NATIONAL VERTICAL DATUM 1929								
	ARCH	ARCHITECTURAL	MI		PROPOSED CONTOUR	-----86-----		THE BOUNDARY INFORMATION SHOWN HEREON, WITH A MAXIMUM PERMISSIBLE ERROR OF CLOSURE WITHIN THE LIMIT OF ONE (1) IN TWENTY THOUSAND (20,000), WAS COMPILED BY DEWBERRY ENGINEERS INC.								
	ASPH	ASPHALT	MS		EXISTING EDGE OF PAVEMENT	-----EX. E.P.-----		EXISTING TOPOGRAPHIC AND PLANIMETRIC INFORMATION WAS COMPILED FROM FIELD RUN SURVEY BY DEWBERRY ENGINEERS INC DATED 8/12/2012.								
	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MSL		PROPOSED EDGE OF PAVEMENT	-----PROP. E.P.-----		EXISTING STORM AND SANITARY UTILITY INFORMATION WAS COMPILED FROM FIELD SURVEY BY DEWBERRY ENGINEERS INC DATED 8/12/2012..								
B	BB	BOTTOM OF LINE	N	N/F	NOW OR FORMERLY	PROPOSED STORM SEWER	EXISTING CURB	-----		4.	THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES WHICH OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UNDERGROUND UTILITIES. IF DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHOULD ENCOUNTER UTILITIES OTHER THAN IN THOSE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE NECESSARY AND PROPER STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.					
	BC	BOTTOM OF CURB		NFA	NET FLOOR AREA			-----CG-6-----			ALL UTILITIES WHICH WILL BE PLACED UNDER EXISTING PUBLIC STREETS SHALL BE BORED OR JACKED, UNLESS PERMISSION TO OPEN CUT IS OBTAINED FROM VDOT.					
	BF	BASEMENT FLOOR		NO., #	NUMBER			-----CG-6-----CG-6R-----			CONTROLLED FILLS MUST BE COMPACTED TO 95% AS DETERMINED PER STANDARD PROCTOR AASHTO T-99 OR ASTM D 698, AS SHOWN IN THE GEOTECHNICAL REQUIREMENTS IN SECTION XXX. DENSITY MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER AND THE RESULTS SUBMITTED TO TOWN OF VIENNA PRIOR TO FOOTING CONSTRUCTION.					
	BLDG	BUILDING		NBL	NORTH BOUND LANE			-----			ALL FILL SOILS UNDER EXPANDED PAVED AREAS SHALL BE COMPACTED TO 95% OF THEORETICAL MAXIMUM DENSITY AS DETERMINED BY ASTM SPECIFICATION D-698 STANDARD PROCTOR METHOD, WITHIN + OR - 2% OF OPTIMUM MOISTURE FOR THE FULL WIDTH OF ANY DEDICATED RIGHT-OF-WAY AND ALL PARKING LOTS; PRIVATE STREETS, PARKING BAYS; CURB AND GUTTER; AND SIDEWALKS ADJACENT TO STREETS AND PARKING LOTS (NOT INTENDED TO INCLUDE LEADWALKS), WITH UPPER 1.0 FT. COMPACTED TO 100% OF THE MAXIMUM DRY DENSITY PER ASTM D-698, AS SHOWN IN THE GEOTECHNICAL REQUIREMENTS SHOWN IN SECTION XXX.					
	BOV	BLOW OFF VALVE		OC	ON CENTER			PROPOSED SANITARY SEWER	EXISTING ELECTRIC SERVICE		-----		ALL STREET CUT AND PATCH WORK IN PUBLIC RIGHT-OF-WAY REQUIRED FOR UTILITIES INSTALLATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH TOWN OF VIENNA AND VDOT STANDARDS AND SPECIFICATIONS.			
	BRL	BUILDING RESTRICTION LINE			OD						OUTSIDE DIAMETER	A SMOOTH GRADE SHALL BE MAINTAINED FROM EDGE OF PAVEMENT OF EXISTING ROAD TO PROPOSED CURB AND GUTTER AND/OR PROPOSED PAVEMENT TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE ROADWAY. REMOVE AND RECONSTRUCT EXISTING PAVEMENT AND/OR CURB AS DICTATED BY FIELD CONDITIONS TO PROVIDE POSITIVE DRAINAGE AT TIE-IN-POINTS.				
C	C	COEFFICIENT OF RUNOFF	P	P	PERIMETER	PROPOSED GAS LINE	EXISTING GAS LINE	-----		10.	PROPOSED SIDEWALKS MUST BE CONSTRUCTED WITH UD3 UNDERDRAINS WHEN LONGITUDINAL GRADES ARE 3% OR GREATER UNLESS SOIL TEST CONFIRM THAT THEY ARE NOT NEEDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION (APPLIES TO SIDEWALK IN RIGHT-OF-WAY ONLY).					
	CATV	CABLE TELEVISION		PC	POINT OF CURVATURE			-----			THE DEVELOPER WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STREET AND UTILITIES WHICH OCCURS AS A RESULT OF HIS CONSTRUCTION PROJECT WITHIN OR CONTIGUOUS TO THE EXISTING RIGHT-OF-WAY.					
	CB	CATCH BASIN OR CHORD BEARING		PCC	POINT OF COMPOUND CURVES			-----			COMPACTION OF BACKFILL IN UTILITY TRENCHES SHALL BE IN ACCORDANCE WITH TOWN OF VIENNA & V.D.O.T. STANDARDS & SPECIFICATIONS.					
	CC	CENTER TO CENTER		PCEP	POINT OF CURVE EDGE OF PAVEMENT			-----			TO THE BEST OF OUR KNOWLEDGE THERE ARE NO GRAVE SITES OR BURIAL PLOTS ON THIS PROPERTY.					
	CFS (Q)	CUBIC FEET PER SECOND		PCTC	POINT OF CURVATURE TOP OF CURB			-----			THIS PLAN COMPLIES FULLY WITH THE AMENDED CHESAPEAKE BAY PRESERVATION ORDINANCE PER THE JULY 7, 2003 BOARD POLICY FOR THE TREATMENT OF APPROVED AND PENDING PLANS OF DEVELOPMENT, WITH AN EFFECTIVE DATE OF NOVEMBER 18, 2003 AND WITH REVISIONS ADOPTED BY THE BOARD WITH AN EFFECTIVE DATE OF JULY 12, 2005.					
	CH	CHORD		PFM	PUBLIC FACILITIES MANUAL			-----			THE PRIVATE STREETS AND/OR DRIVEWAYS IN THIS DEVELOPMENT DO NOT MEET THE STANDARDS NECESSARY FOR INCLUSIONS IN THE SYSTEM OF THE STATE HIGHWAYS AND WILL NOT BE MAINTAINED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION OR FAIRFAX COUNTY, AND ARE NOT ELIGIBLE FOR RURAL ADDITION FUNDS OR ANY OTHER FUNDS APPROPRIATED BY THE GENERAL ASSEMBLY OF VIRGINIA AND ALLOCATED BY THE COMMONWEALTH TRANSPORTATION BOARD.					
D	CG	CURB AND GUTTER	Q	Q	AMOUNT OF RUNOFF	PROPOSED FIRE HYDRANT	EXISTING FIRE HYDRANT	-----		18.	ALL RETAINING WALLS 3' AND GREATER IN HEIGHT REQUIRE A SEPARATE BUILDING PERMIT.					
	CIP	CAST IRON PIPE		PG	PAGE			-----			ALL ROOF DRAINS AND NON-STANDARD PIPE WILL BE CONSTRUCTED UNDER A SEPARATE PLUMBING PERMIT PER IBC INTERNATIONAL PLUMBING CODE.					
	C	CENTERLINE		PGL	POINT OF GRADE LINE			-----			ALL EXTERIOR LIGHTING FIXTURES PROPOSED WITH THIS PLAN SHALL BE FULL CUT-OFF OR DIRECTIONALLY SHIELDED TYPES.					
	CMP	CORRUGATED METAL PIPE		PI	POINT OF INTERSECTION			-----			ALL ADA ACCESSIBILITY IMPROVEMENTS PROPOSED/SHOWN ON THIS PLAN, INCLUDING BUT NOT LIMITED TO PARKING SPACES, AISLES, ROUTES, AND SLOPES, COMPLY WITH THE 2010 ASA STANDARDS FOR ACCESSIBLE DESIGN AND THE 2012 USBC.					
	CONC	CONCRETE		PL	PROPERTY LINE			-----								
	CONT.	CONTINUATION		PRC	POINT OF REVERSE CURVES			-----								
E	CS	CURB STOP	R	R	RADIUS	PROPOSED WATER VALVE	EXISTING WATER VALVE	-----		21.	ALL ADA ACCESSIBILITY IMPROVEMENTS PROPOSED/SHOWN ON THIS PLAN, INCLUDING BUT NOT LIMITED TO PARKING SPACES, AISLES, ROUTES, AND SLOPES, COMPLY WITH THE 2010 ASA STANDARDS FOR ACCESSIBLE DESIGN AND THE 2012 USBC.					
	CT	COURT		PRELIM	PRELIMINARY			-----								
	CN	(RUNOFF) CURVE NUMBER		PROP.	PROPOSED			-----								
	F	F		FIRE LINE	PT			POINT OF TANGENCY	-----							
		FAR		FLOOR AREA RATIO	PVC			POINT OF VERTICAL CURVATURE	-----							
		FC		FACE OF CURB	PVT			POINT OF VERTICAL INTERSECTION	-----							
FDC		FIRE DEPARTMENT CONNECTION (SIAMESE)	P&P	PLAN AND PROFILE	-----											
FW		FAIRFAX WATER	PSI	POUNDS PER SQUARE INCH	-----											
FF		FIRST FLOOR	S	SAN	SANITARY	-----										
FFE	FINISHED FLOOR ELEVATION	SBL		SOUTH BOUND LANE	-----											
FG	FINISHED GRADE	SD		SIGHT DISTANCE	-----											
FH	FIRE HYDRANT	SECT		SECTION	-----											
FP	FLOOD PLAIN	SEW		SEWER	-----											
FCPA	FAIRFAX COUNTY PARK AUTHORITY	SF		SQUARE FEET	-----											
G	FOY	FOYER	T	T	TANGENT	PROPOSED UTILITY POLE	EXISTING UTILITY POLE	-----		20.	ALL EXTERIOR LIGHTING FIXTURES PROPOSED WITH THIS PLAN SHALL BE FULL CUT-OFF OR DIRECTIONALLY SHIELDED TYPES.					
	FPS	FEET PER SECOND		TB	TEST BORE			-----								
	FT	FEET		TBR	TO BE REMOVED			-----								
	H	H		HANDICAPPED PARKING SPACE	TC			TOP OF CURB	-----							
		HGL		HYDRAULIC GRADE LINE	TEL			TELEPHONE	-----							
		HP		HIGH POINT	TP			TEST PIT	-----							
HR		HAND RAIL	TB	TOP OF BANK	-----											
HT		HEIGHT	TW	TOP OF WALL	-----											
I		I	RAINFALL INTENSITY	U	UD	UNDER DRAIN	PROPOSED UTILITY POLE	EXISTING UTILITY POLE	-----		19.	LANDSCAPING AND IRRIGATION SYSTEMS SHALL NOT BE INSTALLED WITHIN THE PUBLIC RIGHT OF WAY EXCEPT AS SHOWN ON THESE PLANS OR A VDOT APPROVED REVISION.				
	ID	INSIDE DIAMETER	UG		UNDERGROUND	-----			THE COUNTY/TOWN SHALL OBTAIN A PERMIT FOR ALL SIDEWALKS WITHIN THE RIGHT OF WAY THAT DO NOT QUALIFY FOR VDOT MAINTENANCE.							
	IN	INCH	UL		UPPER LEVEL	-----			TRAFFIC CONTROL DEVICES OR ADVISORY SIGNS, SUCH AS MULTIWAY STOPS, SPEED LIMITS, WATCH FOR CHILDREN, PEDESTRIAN TRAFFIC ETC., SHALL NOT BE INSTALLED UNLESS SPECIFICALLY SHOWN ON THESE PLANS OR A VDOT APPROVED PLAN REVISION. SPEED STUDY CERTIFIED BY PROFESSIONAL ENGINEER SHOULD BE SUBMITTED FOR VDOT APPROVAL PRIOR TO THE STREET ACCEPTANCE FOR ANY ROAD TO BE POSTED OTHER THAN THE STATUTORY SPEED LIMIT. SHOULD UNAPPROVED SIGNS BE NOTED AT THE TIME OF VDOT INSPECTION, THE ROAD ACCEPTANCE PROCESS SHALL BE TERMINATED IMMEDIATELY AND NOT RECOMMENCED UNTIL A DETERMINATION IS MADE REGARDING THE APPROVAL OF ANY ADDITIONAL SIGNS. IMMEDIATE REMOVAL OF SUCH SIGNS SHALL NOT NEGATE THE NEED FOR THE SUBMISSION OF A REVISION.							
	INV	INVERT	UP		UTILITY POLE	-----			TRAFFIC CONTROL DEVICES OR ADVISORY SIGNS, SUCH AS MULTIWAY STOPS, SPEED LIMITS, WATCH FOR CHILDREN, PEDESTRIAN TRAFFIC ETC., SHALL NOT BE INSTALLED UNLESS SPECIFICALLY SHOWN ON THESE PLANS OR A VDOT APPROVED PLAN REVISION. SPEED STUDY CERTIFIED BY PROFESSIONAL ENGINEER SHOULD BE SUBMITTED FOR VDOT APPROVAL PRIOR TO THE STREET ACCEPTANCE FOR ANY ROAD TO BE POSTED OTHER THAN THE STATUTORY SPEED LIMIT. SHOULD UNAPPROVED SIGNS BE NOTED AT THE TIME OF VDOT INSPECTION, THE ROAD ACCEPTANCE PROCESS SHALL BE TERMINATED IMMEDIATELY AND NOT RECOMMENCED UNTIL A DETERMINATION IS MADE REGARDING THE APPROVAL OF ANY ADDITIONAL SIGNS. IMMEDIATE REMOVAL OF SUCH SIGNS SHALL NOT NEGATE THE NEED FOR THE SUBMISSION OF A REVISION.							
	IP	IRON PIPE	V		V	VELOCITY			-----			LANDSCAPING AND IRRIGATION SYSTEMS SHALL NOT BE INSTALLED WITHIN THE PUBLIC RIGHT OF WAY EXCEPT AS SHOWN ON THESE PLANS OR A VDOT APPROVED REVISION.				
	IPF	IRON PIPE FOUND			VA	VAN ACCESSIBLE			-----			BEGINNING JULY 1, 2009 ALL LAND USE PERMIT APPLICATIONS ARE REQUIRED TO PROVIDE AT LEAST ONE (1) PERSON WHO, AT MINIMUM, IS VERIFIED BY VDOT IN BASIC WORK ZONE TRAFFIC CONTROL FOR ALL PERMITTED ACTIVITIES WITHIN STATE MAINTAINED RIGHT OF WAY WHICH INVOLVES INSTALLING, MAINTAINING, OR REMOVING WORK ZONE TRAFFIC CONTROL DEVICES. THIS PERSON SHALL BE RESPONSIBLE FOR THE PLACEMENT, MAINTENANCE AND REMOVAL OF ALL WORK ZONE TRAFFIC CONTROL DEVICES.				
IPS	IRON PIPE SET	VDOT		VIRGINIA DEPARTMENT OF TRANSPORTATION	-----											
J	J	JUNCTION BOX		VF	VERTICAL FOOT	-----										
	K	K		SIGHT DISTANCE COEFFICIENT	W	W/M	WATER MAIN	-----								
		L		L		LENGTH	WBL	WEST BOUND LANE	-----							
			LAT	LATERAL		WSEL	WATER SURFACE ELEVATION	-----								
			LL	LOWER LEVEL		X	Y	YI	YARD INLET	-----						
			LP	LOW POINT						Z	Z	SIDE SLOPES	-----			
LS			LOADING SPACE	-----												
LCG	LIMITS OF CLEARING & GRADING		-----													



Town of Vienna

215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENT
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

SCALE IN FEET
1" = 20'



A horizontal scale bar divided into two equal segments. The left segment is black and the right segment is white. Below the bar, a bracket spans the entire length and is labeled "1 INCH".



No.	DATE	BY	Description

No.	DATE	BY	Description
-----	------	----	-------------

DRAWN BY _____ KM

APPROVED BY _____ TC

CHECKED BY _____ RW

DATE AUGUST 29, 2019

TITLE

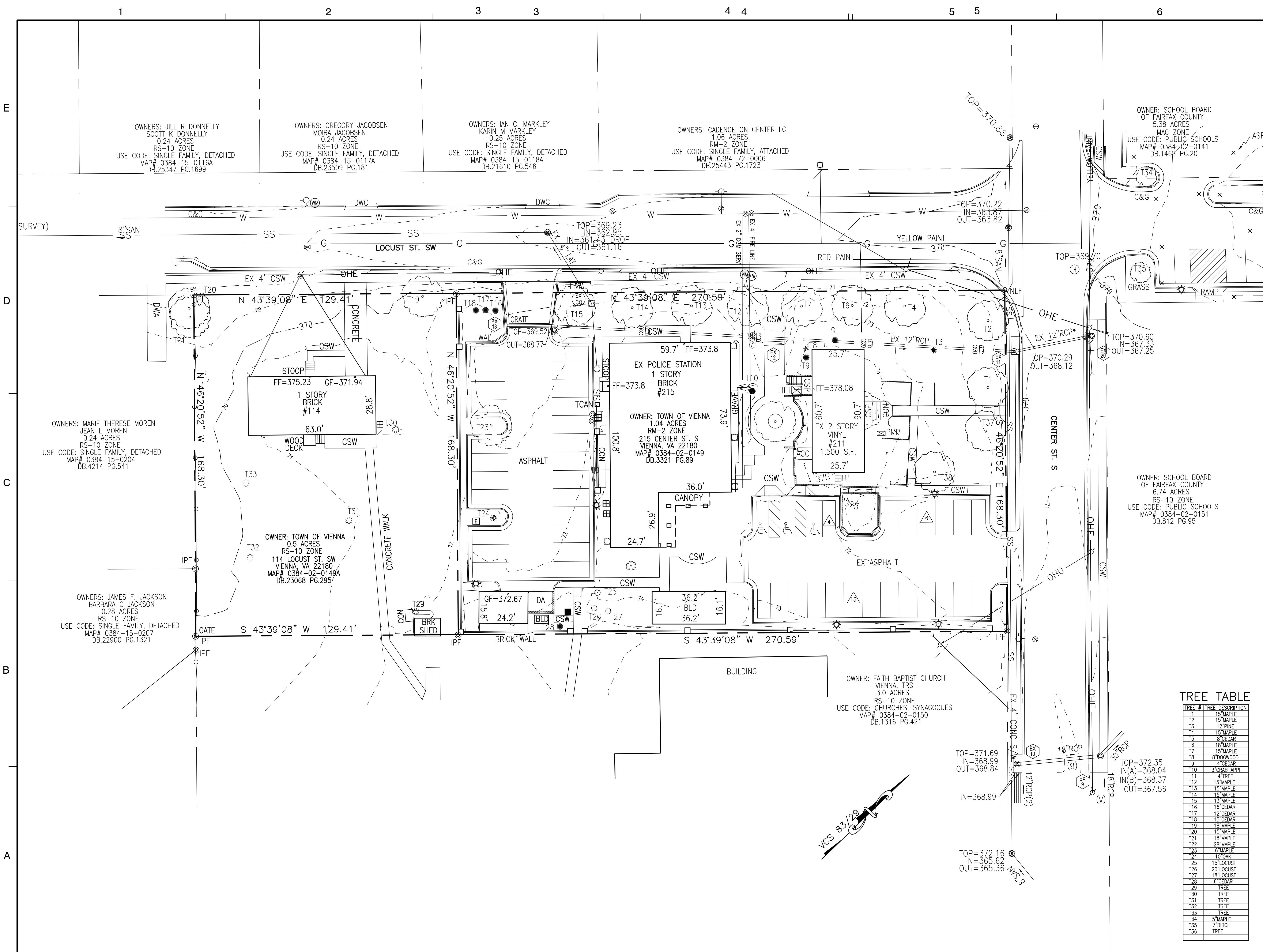
EXISTING CONDITIONS

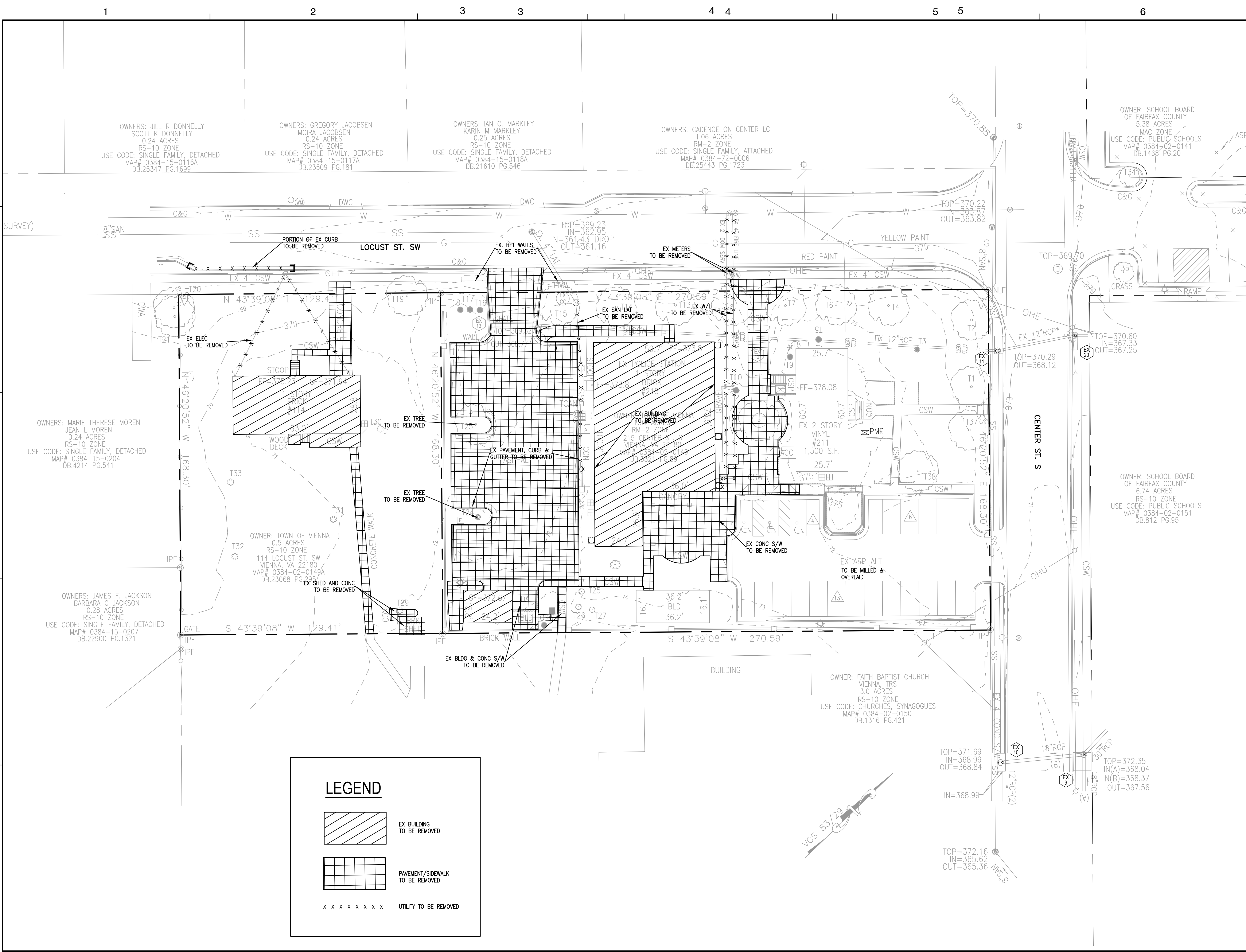
PROJECT NO. _____

C-101

SHEET NO.

C-101 OF





Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station
215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL
PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE NORTH

SCALE IN FEET
1" = 20'
1 INCH

VCS-83

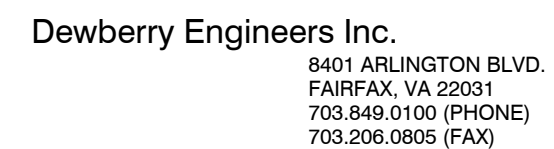
No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

TITLE
DEMOLITION PLAN

PROJECT NO. _____

C-102



Town of Vienna

Town of Vienna Police Station

215 Center Street South
Vienna, VA

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE NORTH

SCALE IN FEET
1" = 20'



1 INCH

[illegible]

No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM

APPROVED BY _____ TC

CHECKED BY _____ RV _____

DATE AUGUST 29, 2019

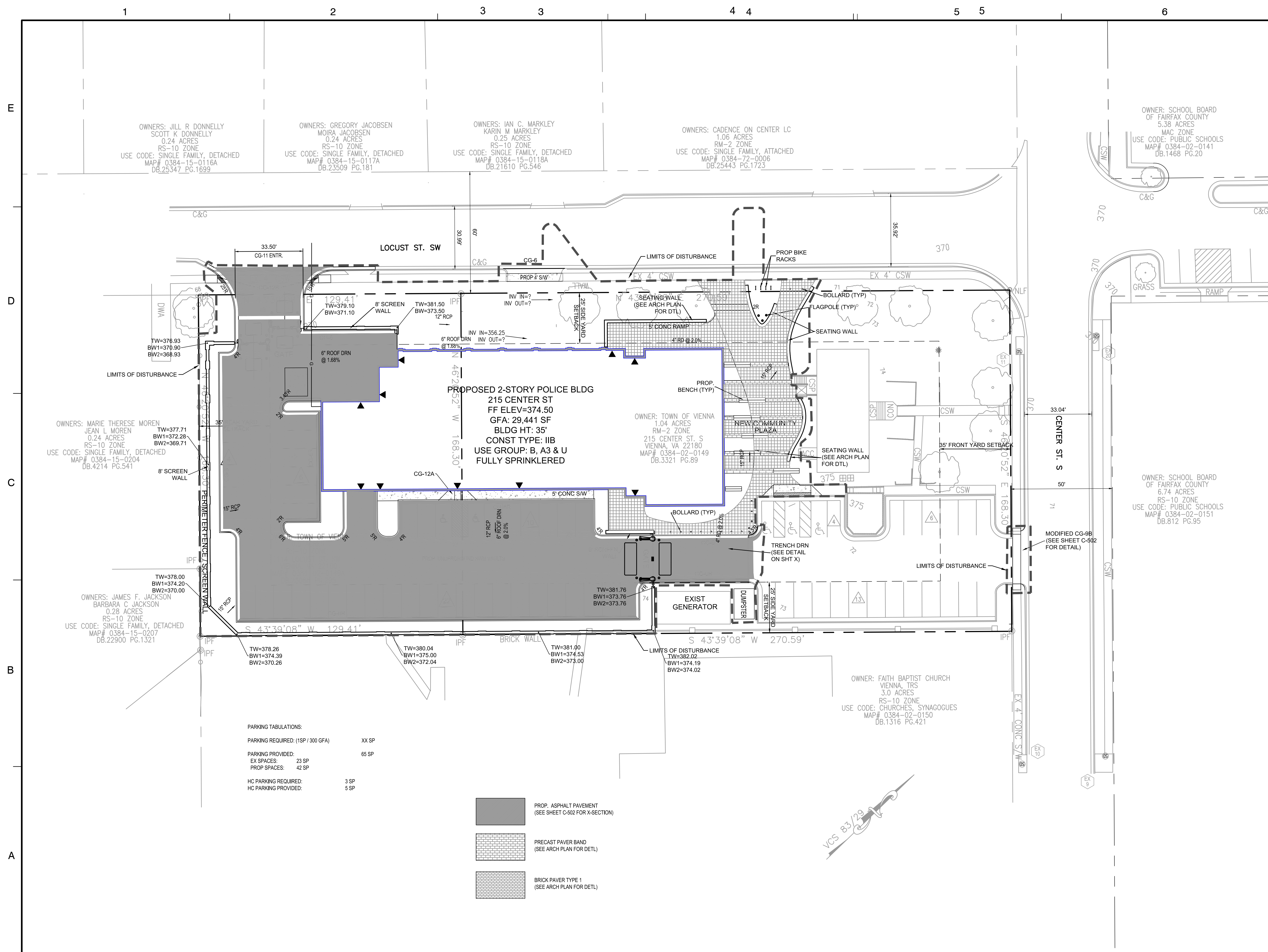
TITLE

SITE PLAN

PROJECT NO. _____

C-103

SHEET NO. C-103 OF



No.	DATE	BY	Description
REVISIONS			

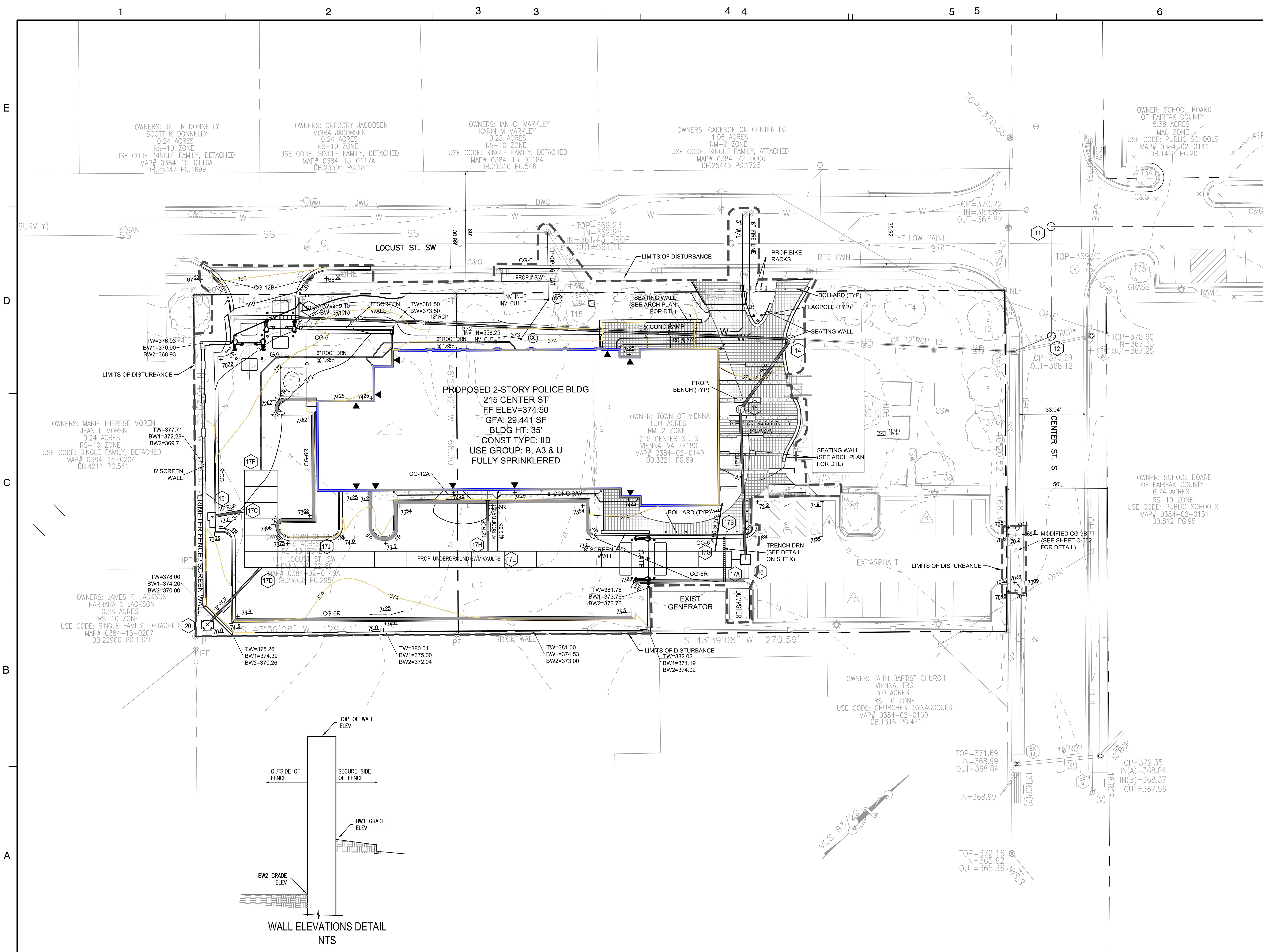
DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

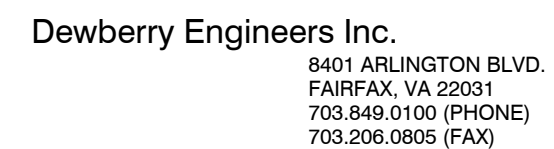
TITLE
**GRADING AND
UTILITY PLAN**

PROJECT NO. _____

C-104

SHEET NO. _____ C-104 OF _____





Town of Vienna

Town of Vienna Police Station

215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

SCALE IN FEET
1" = 20'



A horizontal scale bar divided into two equal segments. The left segment is black and the right segment is white. Below the bar, a bracket spans the entire length and is labeled "1 INCH".

[illegible]

No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM

APPROVED BY _____ TC

CHECKED BY _____ RW

DATE AUGUST 29, 2019

TITLE

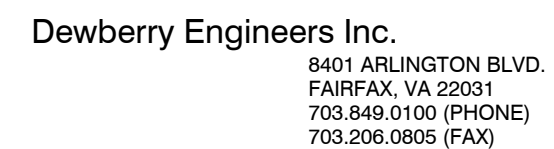
LOT COVERAGE

PROJECT NO. _____

C-105

SHEET NO.

C-105 OF



Town of Vienna

Town of Vienna Police Station

215 Center Street South
Vienna, VA

DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

SCALE IN FEET
1" = 20'



1 INCH

[illegible]

No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM

APPROVED BY _____ TC

CHECKED BY _____ RV _____

DATE AUGUST 29, 2019

TITLE

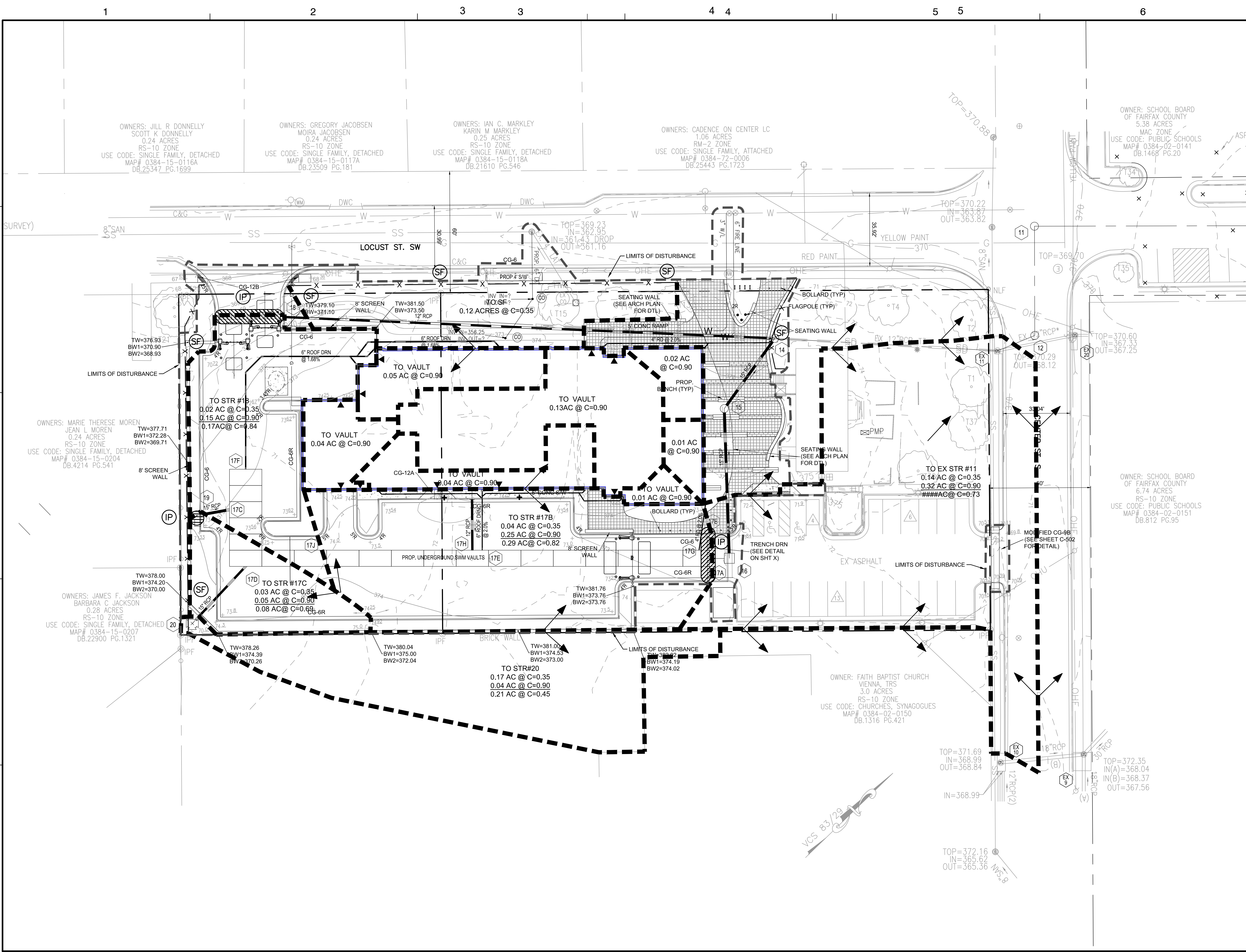
EROSION AND SEDIMENT CONTROL PLAN PHASE I

PROJECT NO. _____

C-106

SHEET NO.

C-106 OF



Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station
215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL
PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE NORTH

SCALE IN FEET
1" = 20'
1 INCH

VCS-83

No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

TITLE
EROSION AND
SEDIMENT
CONTROL PLAN -
PHASE II

PROJECT NO.

C-106

SHEET NO. C-106 OF

Dewberry®

8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna

215 Center Street South
Vienna, VA

DESIGN DEVELOPMENT

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SCALE NORTH

VCS-83

No.	DATE	BY	Description
-----	------	----	-------------

DRAWN BY KM

CHECKED BY _____ RW

TITLE
EROSION AND

EROSION AND SEDIMENT CONTROL NARRATIVE

SHEET NO. C-108 OF

C-108

SHEET NO. C-108 OF

Dewberry®

8401 ARLINGTON BLVD
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna

215 Center Street South
Vienna, VA

DESIGN DEVELOPMENT

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

SCALE NORTH

VCS-83

No.	DATE	BY	Description
-----	------	----	-------------

DRAWN BY KM

CHECKED BY _____ RW

TITLE
EROSION AND

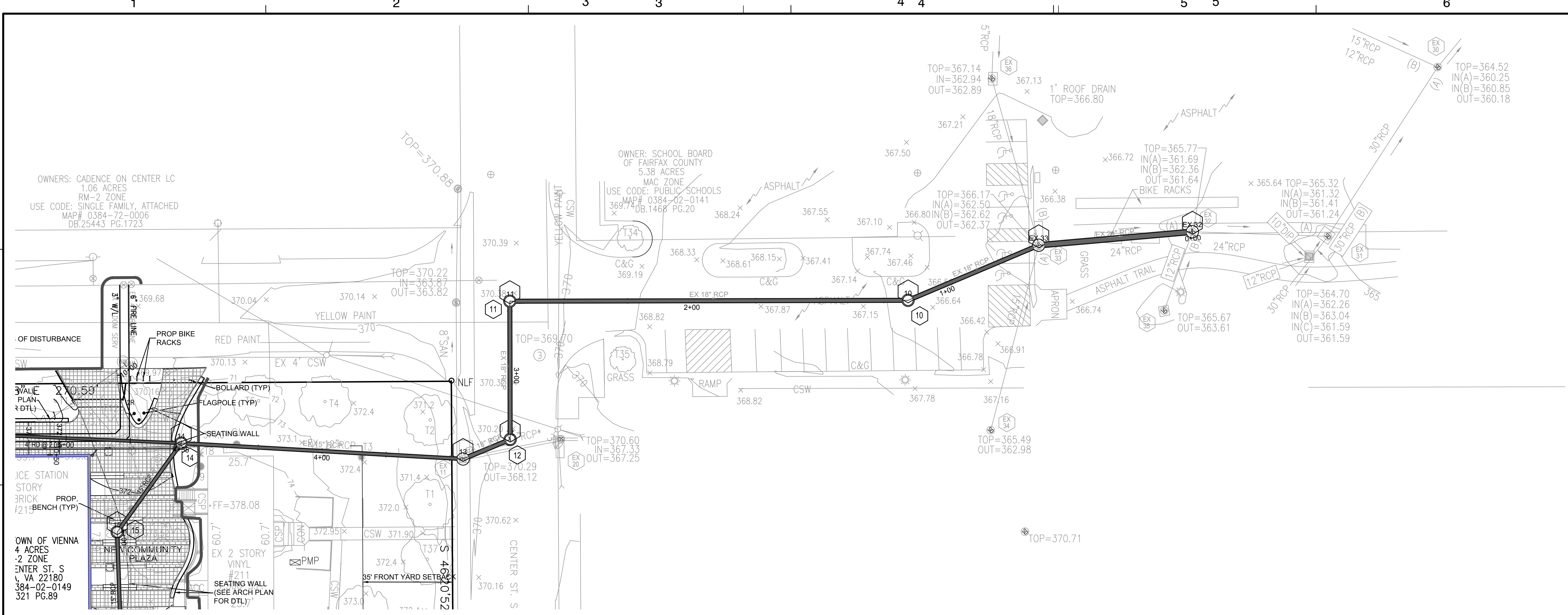
EROSION AND SEDIMENT CONTROL NARRATIVE

SHEET NO. C-108 OF

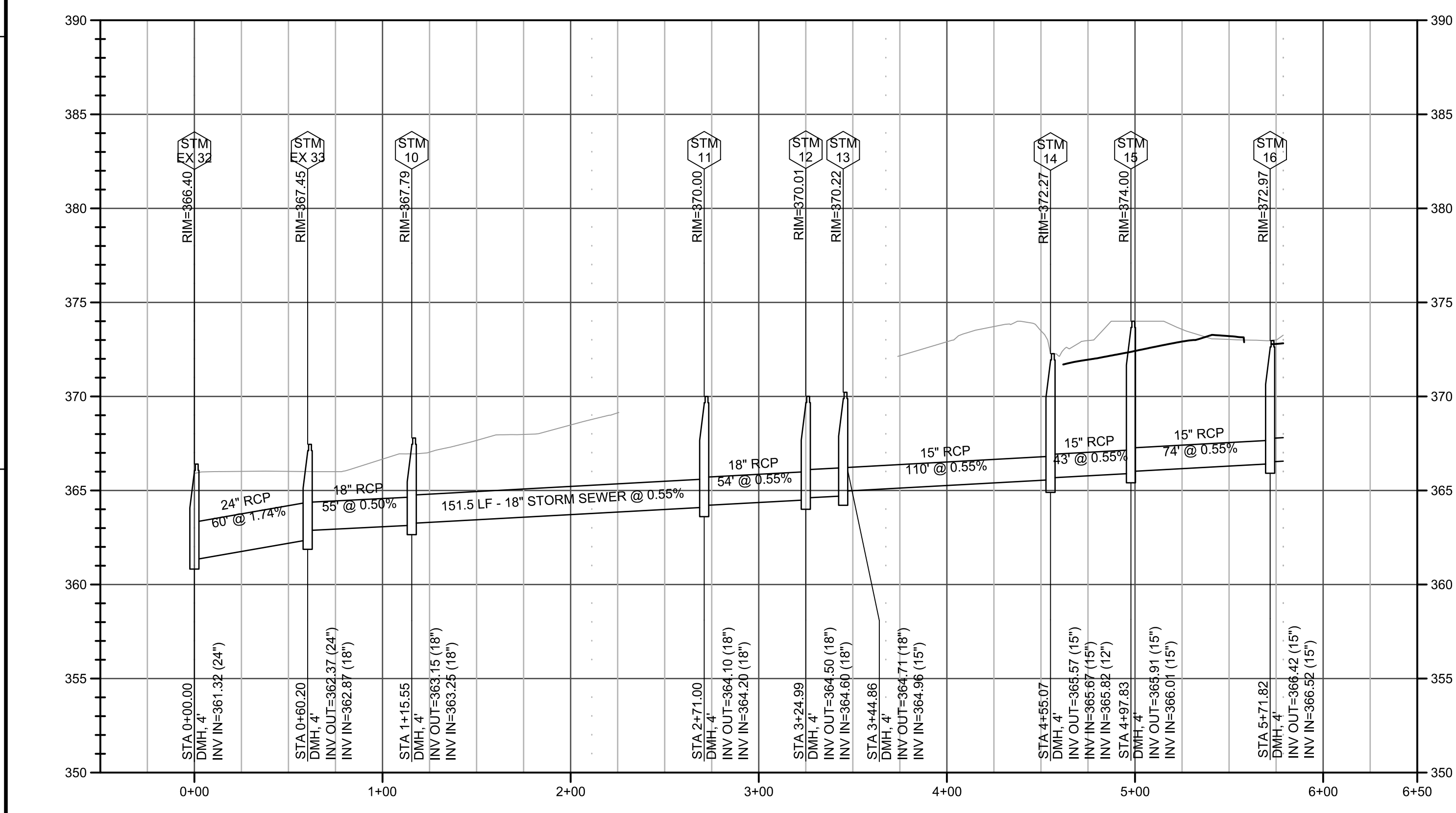
C-108

SHEET NO. C-108 OF

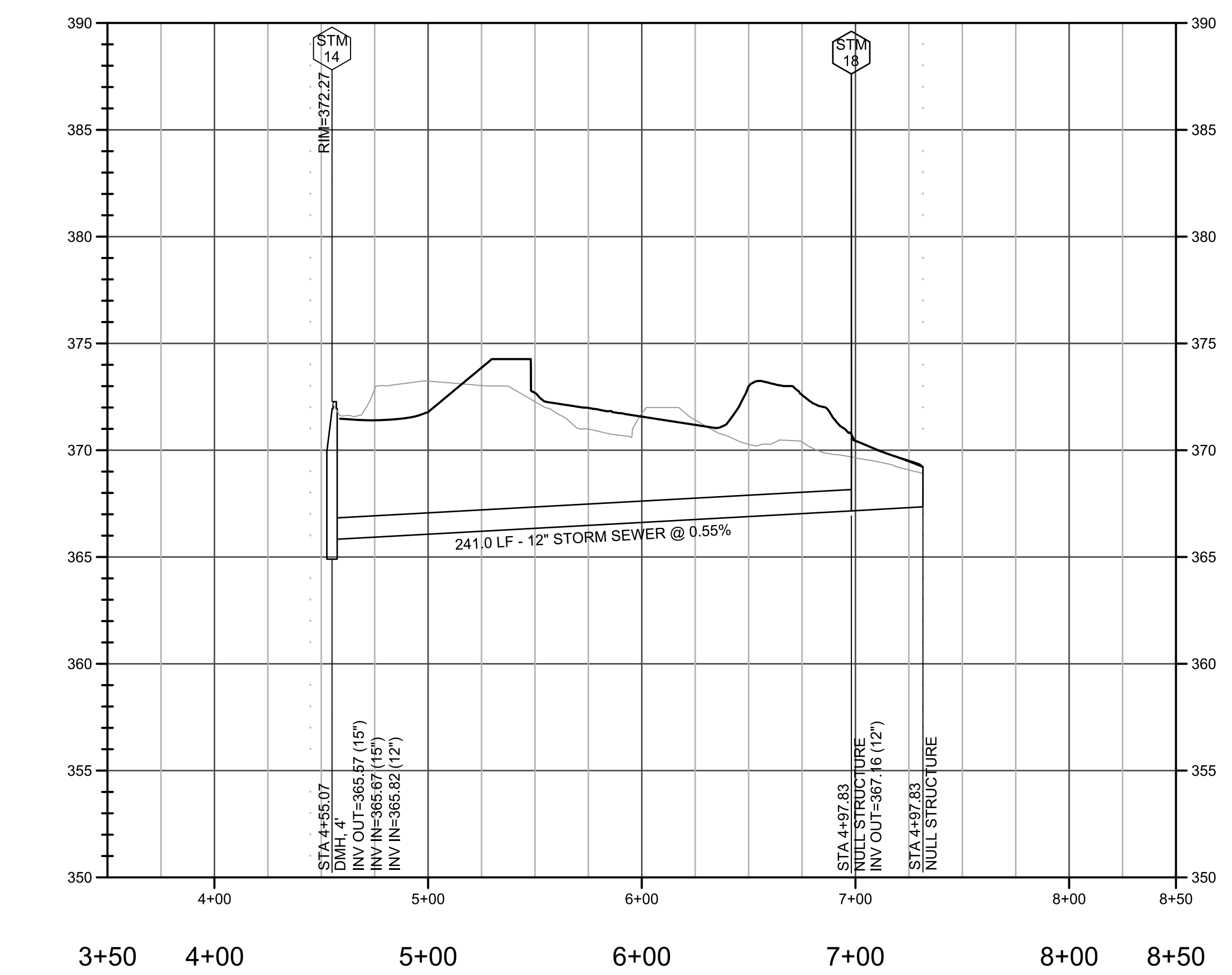
E
D
C
B
A



EX-SWM



STORM 14-18



Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station
215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL
PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE NORTH
SCALE IN FEET
1" = 20'
1 INCH
VCS-83

No.	DATE	BY	Description
REVISIONS			

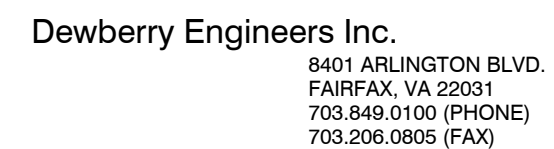
DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

TITLE
STORM SEWER
PLAN & PROFILE

PROJECT NO.

C-109

SHEET NO. C-109 OF



Town of Vienna

Town of Vienna Police Station

215 Center Street South
Vienna, VA

DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

SCALE IN FEET
1" = 20'



A horizontal scale bar divided into two equal segments. The left segment is black and the right segment is white. Below the bar, a bracket spans the entire length and is labeled "1 INCH".

[illegible]

No.	DATE	BY	Description
REVISIONS			

DRAWN BY _____ KM

APPROVED BY _____ TC

CHECKED BY _____ RW

DATE AUGUST 29, 2019

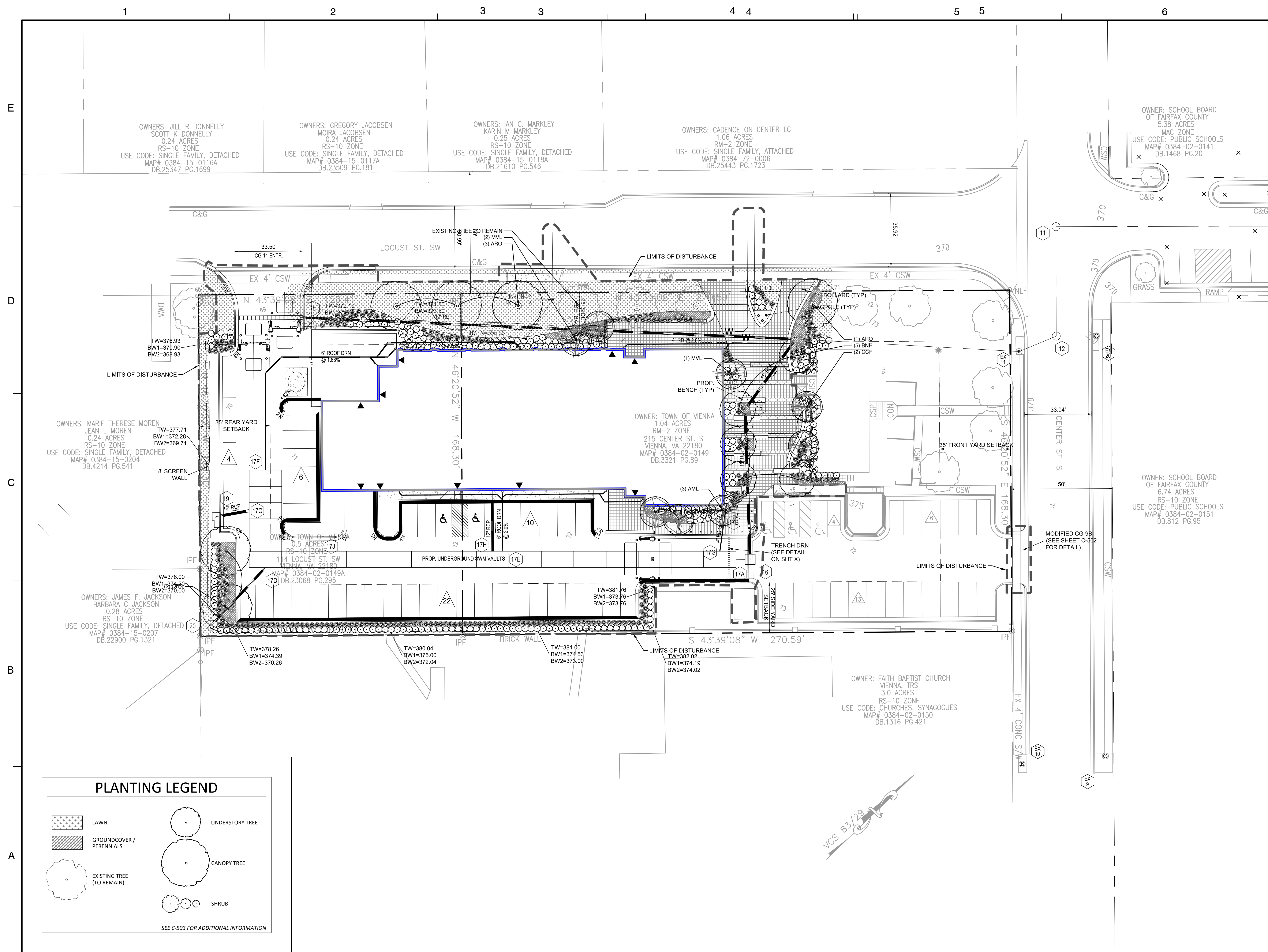
TITLE _____

LANDSCAPE PLAN

PROJECT NO.

C-110

SHEET NO. C-110 OF



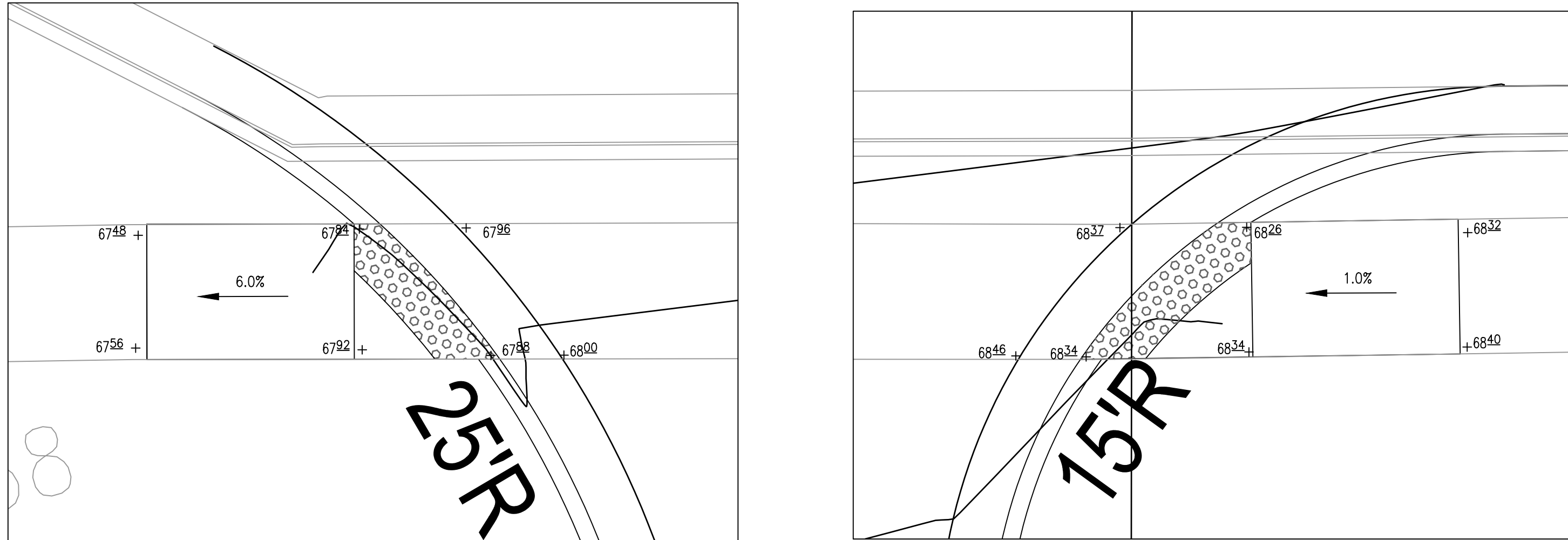
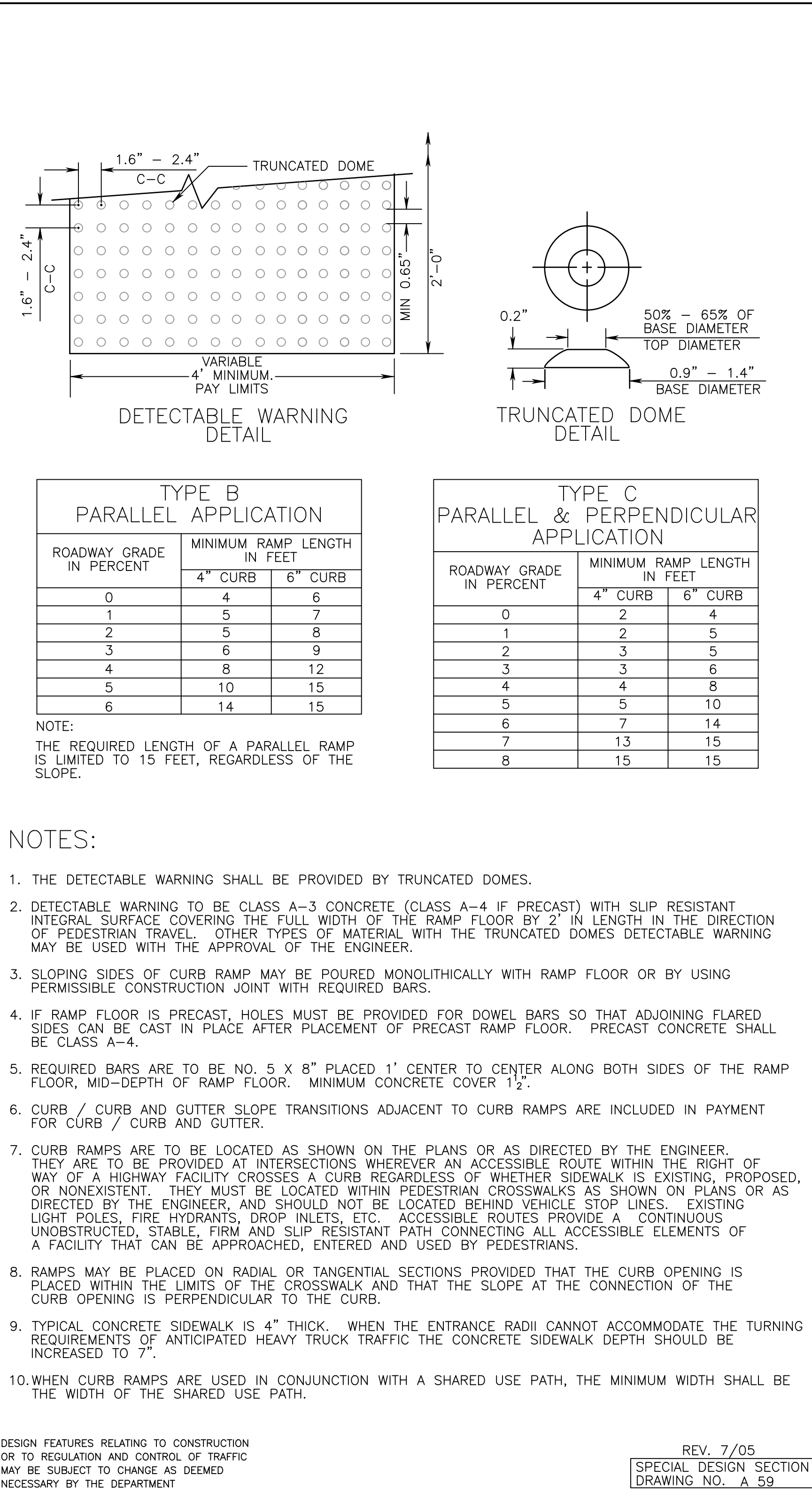
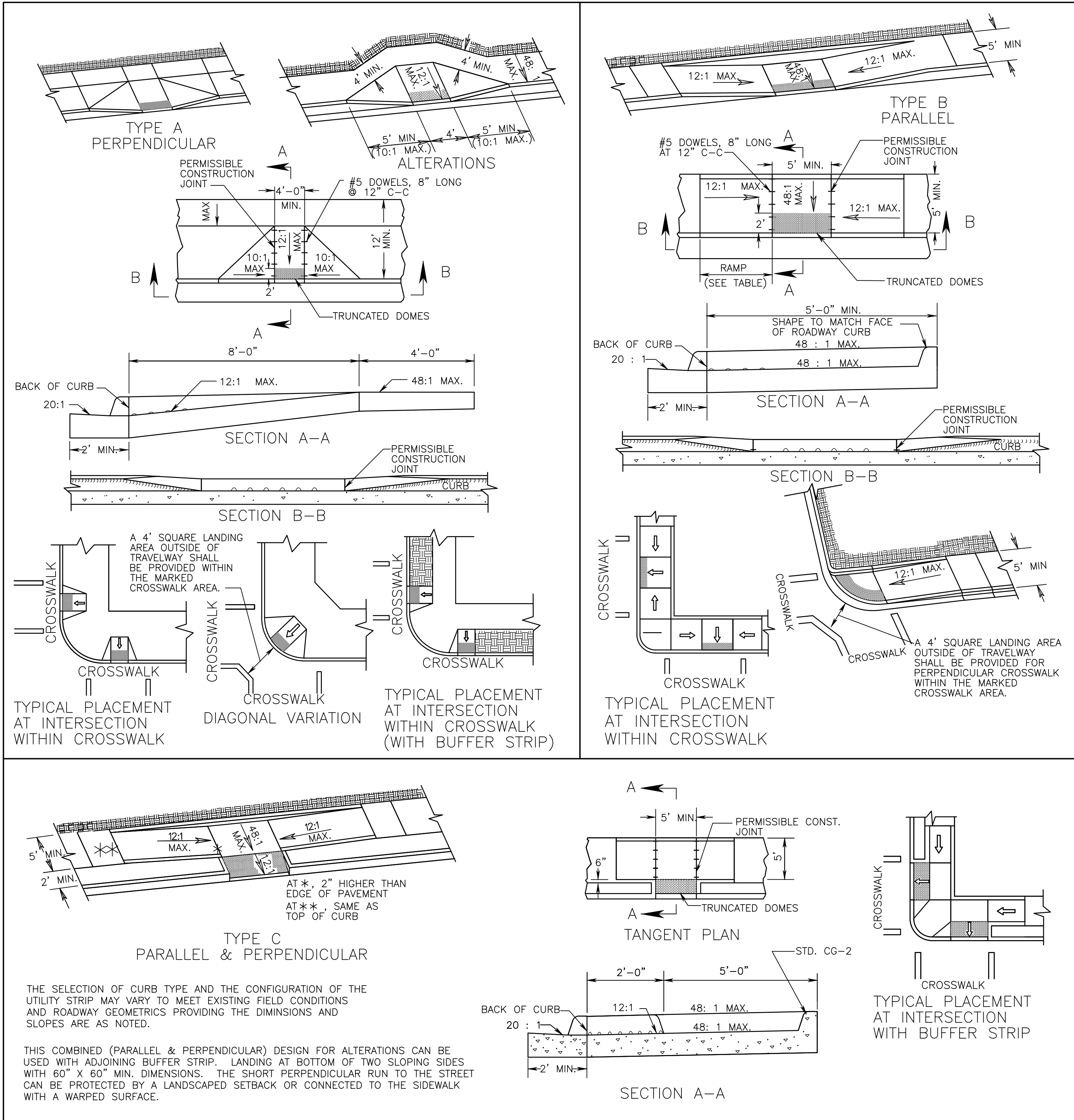
E

D

C

B

A



CG-12 RAMP ELEVATIONS
SCALE: 1"=3'



Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station
215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL
PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN
SCALE NORTH
AS NOTED

No.	DATE	BY	Description

REVISIONS
DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

TITLE
CONSTRUCTION
DETAILS

PROJECT NO.

C-501

SHEET NO. C-501 OF



- | | | |
|-----------|-------------|----------------|
| PRON
A | DRAWING NO. | |
| | N/A | |
| | SCALE | |
| | N.T.S. | |
| | SHEET | 2014-12-30 |
| | 1 of 1 | DATE/REV/ISSUE |



No.	DATE	BY	Description

REVISIONS
DRAWN BY _____ KM
APPROVED BY _____ TC
CHECKED BY _____ RW
DATE _____ AUGUST 29, 2019

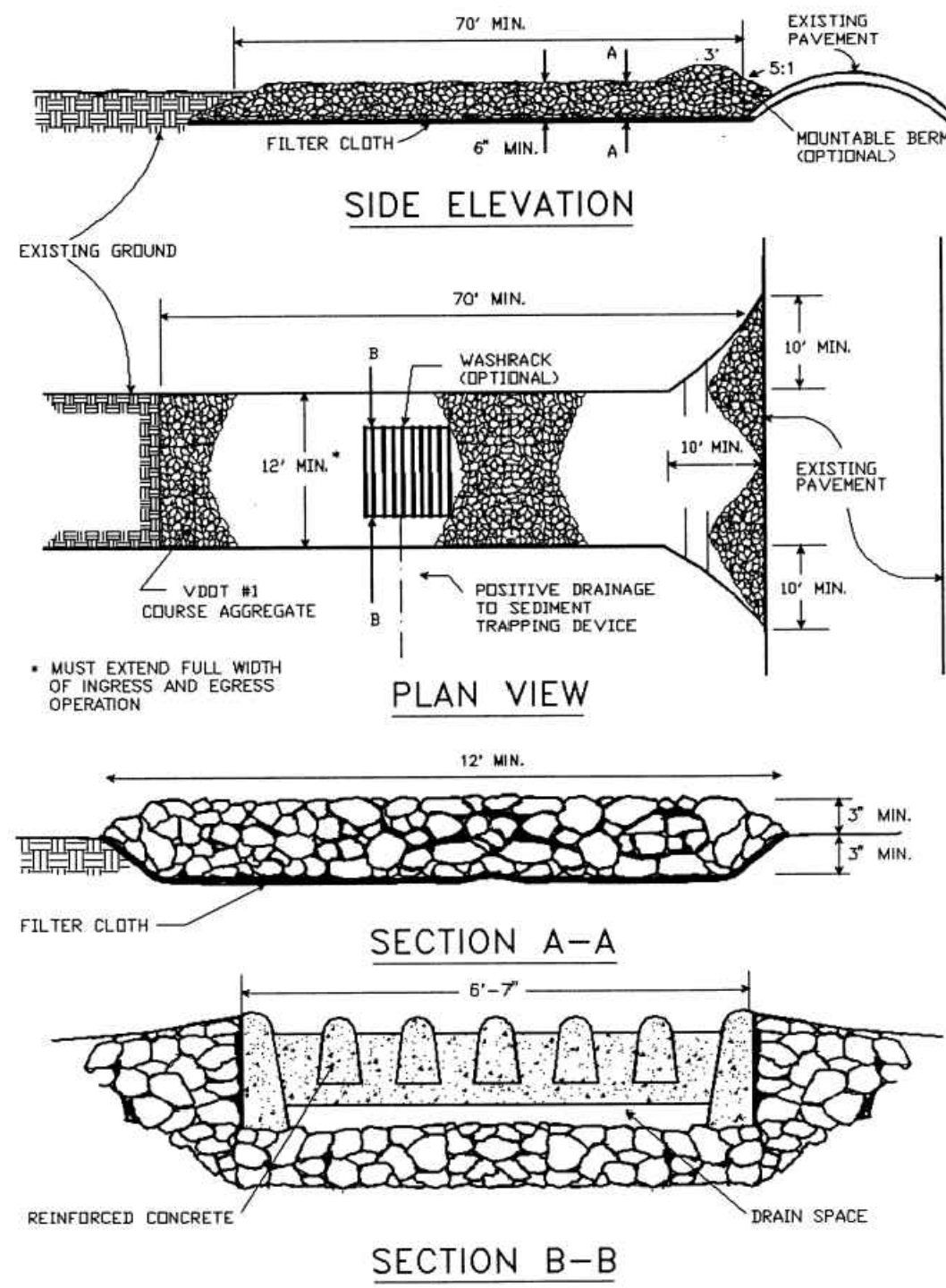
TITLE
EROSION AND
SEDIMENT
CONTROL
DETAILS

PROJECT NO.

C-502

1992 3.02

STONE CONSTRUCTION ENTRANCE

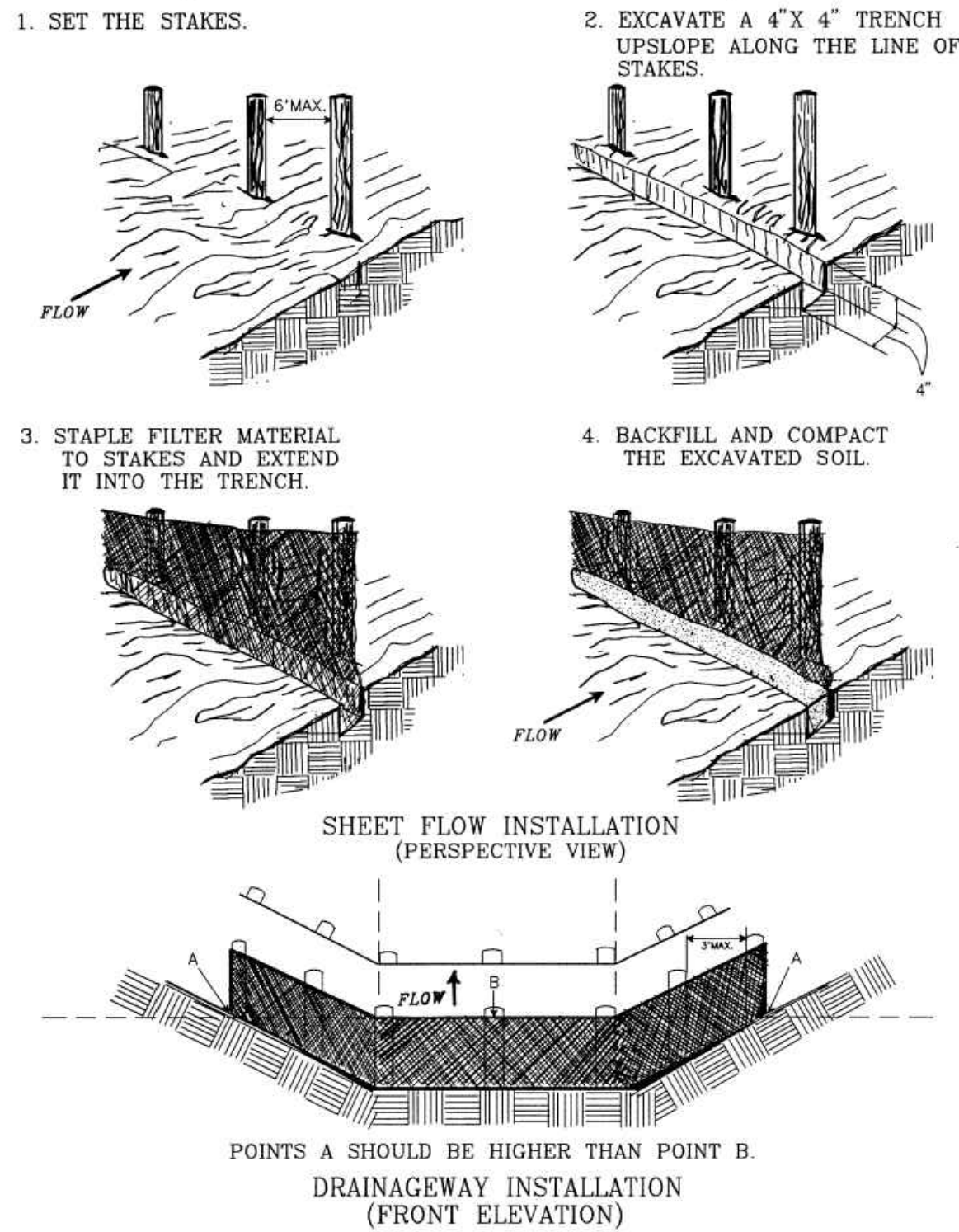


Source: Adapted from 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC Plate 3.02-1

III - 9

1992 3.05

CONSTRUCTION OF A SILT FENCE
(WITHOUT WIRE SUPPORT)

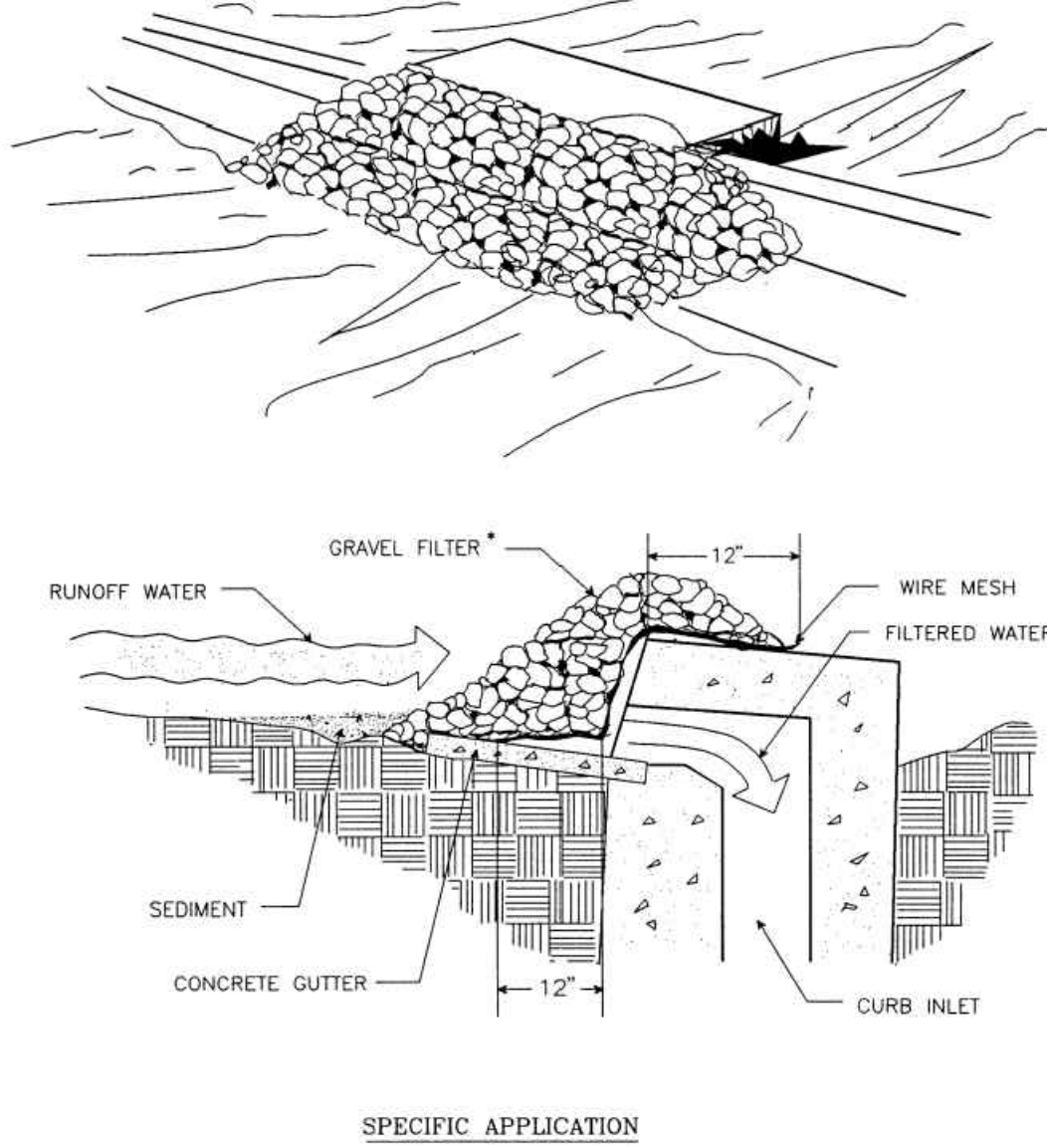


Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant Plate 3.05-2

III - 25

1992 3.07

GRAVEL CURB INLET SEDIMENT
FILTER

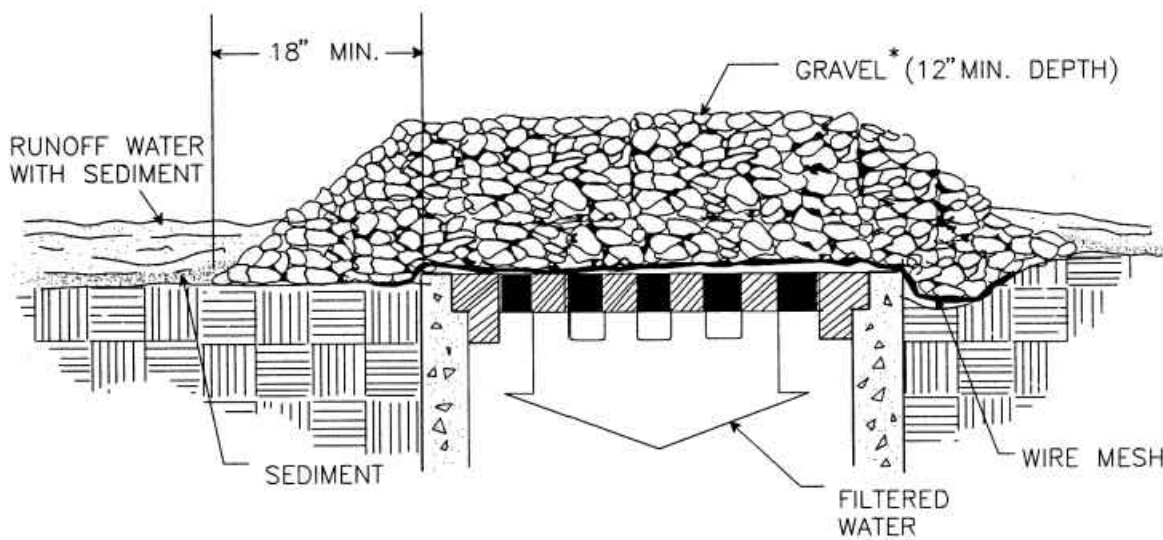


Source: Va. DSWC Plate 3.07-6

III - 41

1992 3.07

GRAVEL AND WIRE MESH
DROP INLET SEDIMENT
FILTER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

Source: Va. DSWC Plate 3.07-2

III - 36

1992 3.32

TABLE 3.32-D
SITE SPECIFIC SEEDING MIXTURES FOR PIEDMONT AREA

	Total Lbs. Per Acre
Minimum Care Lawn	
- Commercial or Residential	175-200 lbs.
- REBEL TALL FESCUE	95-100%
- Improved Perennial Ryegrass	0-5%
- Kentucky Bluegrass	0-5%
High-Maintenance Lawn	200-250 lbs.
- REBEL TALL FESCUE	100%
General Slope (3:1 or less)	
- REBEL TALL FESCUE	128 lbs.
- Red Top Grass	2 lbs.
- Seasonal Nurse Crop *	20 lbs.
	150 lbs.
Low-Maintenance Slope (Steeper than 3:1)	
- REBEL TALL FESCUE	108 lbs.
- Red Top Grass	2 lbs.
- Seasonal Nurse Crop *	20 lbs.
- White and/or Red Clover	150 lbs.

* Use seasonal nurse crop in accordance with seeding dates as stated below:
February 16th through April Annual Rye
May 1st through August 15th Foxtail Millet
August 16th through October Annual Rye
November through February 15th Winter Rye

III - 303

1992 3.31

Mulching

- Seedlings made in fall for winter cover and during hot and dry summer months shall be mulched according to MULCHING, Std. & Spec. 3.35, except that hydromulches (fiber mulch) will not be considered adequate. Straw mulch should be used during these periods.
- Temporary seedlings made under favorable soil and site conditions during optimum spring and fall seeding dates may not require mulch.

Re-seeding

Areas which fail to establish vegetative cover adequate to prevent rill erosion will be re-seeded as soon as such areas are identified.

TABLE 3.31-B
ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS

"QUICK REFERENCE FOR ALL REGIONS"

Planting Dates	Species	Rate (lbs./acre)
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (<i>Lolium multi-florum</i>) & Cereal (Winter) Rye (<i>Secale cereale</i>)	50 - 100
Feb. 16 - Apr. 30	Annual Ryegrass (<i>Lolium multi-florum</i>)	60 - 100
May 1 - Aug 31	German Millet (<i>Setaria italica</i>)	50

Source: Va. DSWC

III - 287

VIRGINIA UNIFORM CODING SYSTEM
FOR EROSION AND SEDIMENT CONTROL PRACTICES

NO	TITLE	KEY	SYMBOL
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE	
3.05	SILT FENCE	SF	
3.07	STORM DRAIN INLET PROTECTION	IP	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.38	TREE PRESERVATION AND PROTECTION	TP	
	DRAINAGE DIVIDES		
	LIMITS OF CLEARING AND GRADING		

WASH RACK TO BE IN PLACE PRIOR TO GENERAL CLEARING OF THE SITE AND WATER TO BE PROVIDED BY PUBLIC WATER SUPPLY OR TANK TRUCK. THE FILTER FABRIC UNDERLINING TO BE PLACED BETWEEN SOIL AND RIP-RAP

CONSTRUCTION ENTRANCE CE

E

D

C

B

A

PLANT SCHEDULE

QTY	KEY	LATIN NAME	COMMON NAME	SIZE	ROOT CONDITION	20-YEAR CCA PER TREE (SF)	TOTAL CCA PROVIDED (SF)
Trees							
3	AML	Amelanchier canadensis	Shadblow Serviceberry	2 - 2 1/2" cal.	B&B - 3 STEM	100	300
4	ARO	Acer rubrum 'October Glory'	October Glory Red Maple	2 - 2 1/2" cal.	B&B	300	1,200
5	BNH	Betula nigra 'BNMTF'	Dura Heat River Birch	2 - 2 1/2" cal.	B&B - 3 STEM	200	1,000
2	CCF	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	2 - 2 1/2" cal.	B&B	100	200
3	MVL	Magnolia virginiana	Sweetbay Magnolia	2 - 2 1/2" cal.	B&B - 3 STEM	200	600
2	QBS	Quercus bicolor	Swamp White Oak	2 - 2 1/2" cal.	B&B	300	600
19							3,900

Shrubs							
CAH		Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	3 gal.			
CXG		Cotinus x 'Grace'	Grace Smoketree	5 gal.			
HQS		Hydrangea quercifolia 'Snow Queen'	Oakleaf Hydrangea	5 gal.			
IGS		Ilex glabra 'Shamrock'	Shamrock Inkberry	3 gal.			
IVR		*Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	3 gal.			
IVS		Itea virginica 'Sprich'	Little Henry Sweetspire	3 gal.			
RAD		Rhododendron atlanticum	Dwarf Azalea	3 gal.			
RAG		Rhus aromatica 'Gro-low'	Fragrant Sumac	1 gal.	24" o.c.		
* PROVIDE (1) MALE SPECIMEN ILEX VERTICILLATA PER GROUP OF FEMALE ILEX VERTICILLATA							

Perennials and Grasses							
ATB		Amsonia tabernaemontana	Eastern Bluestar	1 gal.	24" o.c.		
ACP		Astilbe chinensis 'Visions in Pink'	Astilbe	1 gal.	12" o.c.		
AFF		Athyrium filix-femina	Lady Fern	1 gal.	12" o.c.		
CBR		Carex buchananii 'Red Rooster'	Red Rooster Carex	1 gal.	12" o.c.		
CPX		Carex pennsylvanica	Yellow Sedge	1 gal.	12" o.c.		
CST		Carex stricta	Tussock Sedge	1 gal.	12" o.c.		
DCX		Deschampsia flexuosa	Wavy Hair Grass	1 gal.	18" o.c.		
DIX		Dryopteris intermedia	Evergreen Woodfern	1 gal.	12" o.c.		
EPK		Echinacea purpurea 'Magnus'	Purple Coneflower	1 qt.	18" o.c.		
EPJ		Eupatorium dubium 'Little Joe'	Dwarf Joe Pye Weed	1 gal.	24" o.c.		
HVA		Heuchera villosa 'Autumn Bride'	Coral Bells	1 gal.	12" o.c.		
LCX		Lobelia cardinalis	Cardinal Flower	1 gal.	18" o.c.		
NTX		Nassella tenuissima	Mexican Feathergrass	1 gal.	24" o.c.		
PVS		Panicum virgatum	Switchgrass	1 gal.	18" o.c.		
RFG		Rudbeckia fulgida 'Goldstrum'	Goldstrum Black-Eyed Susan	1 qt.	12" o.c.		
LBJ		Schizachyrium scoparium 'Jazz'	Jazz Little Bluestem	1 gal.			
SHX		Sporobolus heterolepis	Prairie Dropseed	1 gal.	24" o.c.		
TFT		Tricyrtis formosana 'Samurai'	Toad-lily	1 gal.			

CROWN COVERAGE CALCULATIONS

	Acreage	sq. ft.
Gross Site Area	1.55	67,320
Crown Coverage Required (20%)*	0.31	13,464
Crown Coverage Provided		
Proposed	0.09	3,900
Existing	0.05	2,350
Total Crown Coverage Provided	0.14	6,250

*Property is split zoned. Crown coverage requirements are based on the more restrictive RS-16 zoning district (18-252 E. 1).



Dewberry Engineers Inc.
8401 ARLINGTON BLVD.
FAIRFAX, VA 22031
703.849.0100 (PHONE)
703.206.0805 (FAX)

Town of Vienna
Town of Vienna Police Station
215 Center Street South
Vienna, VA
DESIGN DEVELOPMENT

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

NORTH

SCALE IN FEET

1" =

1 INCH

VCS-83

No.	DATE	BY	Description

REVISIONS

DRAWN BY

APPROVED BY

CHECKED BY

DATE

AUGUST 29, 2019

TITLE
LANDSCAPE
SCHEDULE &
DETAILS

PROJECT NO.

C-503