

ANNE ARUNDEL COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

SEVERN CHAPEL AREA OF THE BACON RIDGE NATURAL AREA

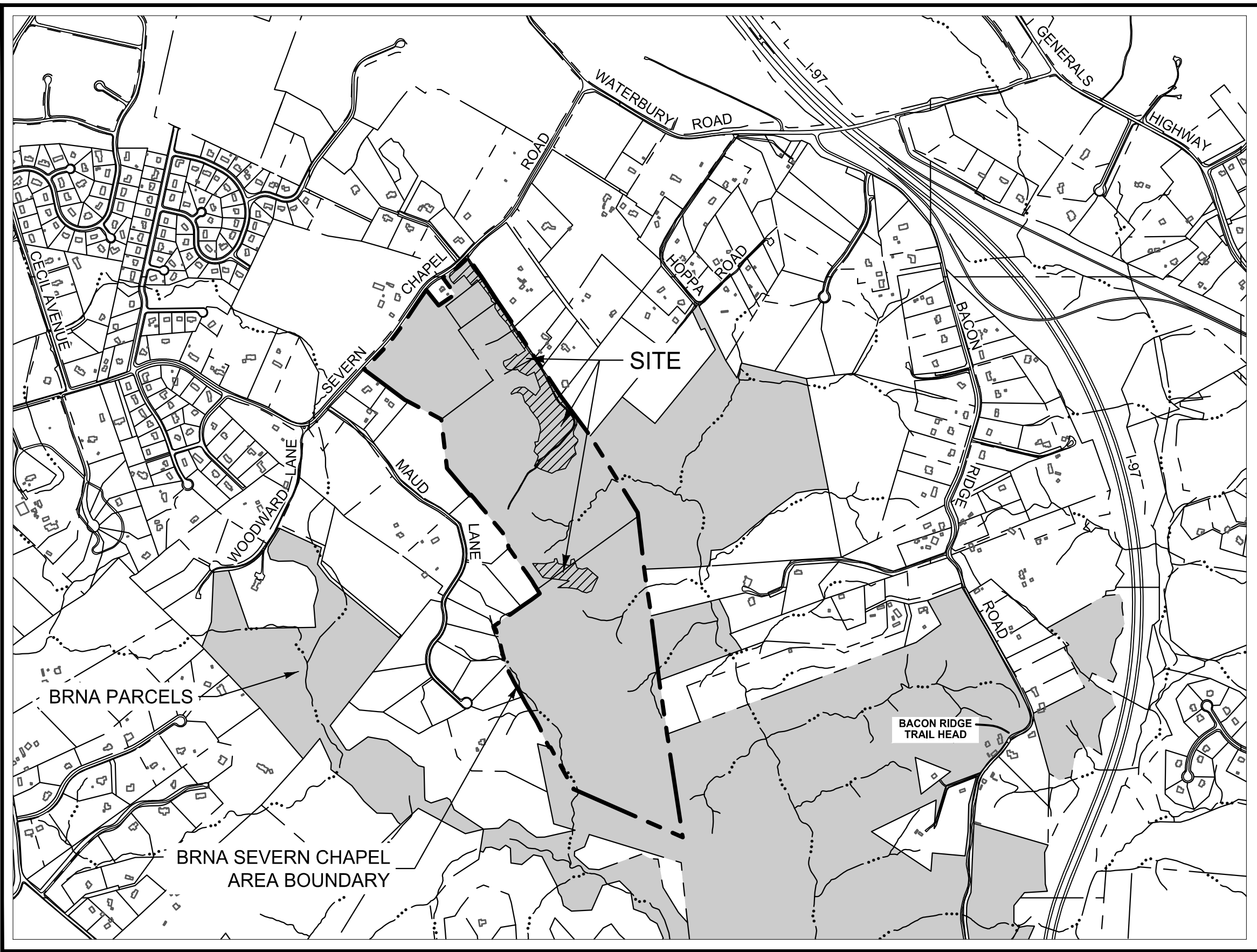
30% SCHEMATIC DESIGN

AA CO. PROJECT: P588001

SITE DATA

1. OWNER / DEVELOPER: Anne Arundel County
Dept. of Recreation and Parks
2662 Riva Road
Annapolis, MD 21401
Contact: Bruce Bruchey
(410) 222-2827
2. SITE ADDRESS: 1214 Severn Chapel Road
Crownsville, Maryland 21032
3. # OF EXISTING PARCELS: 6
4. NET TRACT AREA: ± 152.06 AC
5. PROJECT AREA / LOD: ± 12.58 AC (±548,025 SF)
6. PLAT REFERENCE: 226 / 35
7. DEED REFERENCE: SEE SHEET 2
8. TAX ACCOUNT: SEE SHEET 2
9. TAX MAP/ GRID/ PARCEL: 0037 / 0011 / 0086
10. CENSUS: 751700
11. CONGRESSIONAL DISTRICT: 3
12. COUNCIL DISTRICT: 6
13. LEGISLATIVE DISTRICT: 33B
14. ZONING: RA - Rural Agricultural
15. WATER SERVICE AREA: N/A
16. SEWER SERVICE AREA: RURAL (N/A)
17. FEMA FIRM MAP #: 24003C0145E
18. 100 YR FLOODPLAIN: N/A
19. TIDAL/NONTIDAL WETLANDS: SEE SHEET 2
20. WATERSHED: Bacon Ridge Branch, South River
21. THIS SITE IS NOT WITHIN THE CHESAPEAKE BAY CRITICAL AREA.
22. THIS SITE IS NOT WITHIN THE BWI AIRPORT ZONE.
23. EXISTING USE: Park / Natural Area
24. PROPOSED USE: Park / Natural Area
25. PARKING SUMMARY

EXISTING:	TEMPORARY / UNPAVED
	101 STANDARD SPACES
PROPOSED:	22 TRAILER / BUS SPACES
	5 HANDICAP (ADA) SPACES
26. THERE ARE THREE (3) KNOWN HISTORIC / ARCHEOLOGICAL SITES WITHIN THE BRNA SEVERN CHAPEL AREA TRACT. SEE EXISTING CONDITIONS PLAN SHEET NOTES (SHEET 2).



VICINITY MAP

SCALE: 1" = 1000'

LEGEND

- Property Line
- - - - - Adjacent Lot Line
- - - - - Existing Edge of Road
- Stream Centerline
- Existing Building
- Bacon Ridge Natural Area
- ▨ Project Site

SHEET INDEX	
NO.	TITLE
1	COVER SHEET
2	OVERALL EXISTING CONDITIONS PLAN
3	OVERALL SITE PLAN
4	DEMOLITION PLAN
5	DEMOLITION PLAN
6	DEMOLITION PLAN
7	GRADING & CONCEPT SWM PLAN
8	GRADING & CONCEPT SWM PLAN
9	GRADING & CONCEPT SWM PLAN
10	GRADING & CONCEPT SWM PLAN
11	SCHEMATIC LANDSCAPE PLAN
12	SCHEMATIC LANDSCAPE PLAN
13	SCHEMATIC LANDSCAPE PLAN
14	SITE DETAILS
15	SITE DETAILS
16	ENTRANCE AND SIGHT LINE PLAN

- DATA SOURCES:**
- TOPOGRAPHY AND PLANIMETRICS SHOWN ARE FROM A FIELD-RUN SURVEY BY CENTURY ENGINEERING, DATED 2/20/2023, AND SUPPLEMENTED BY ANNE ARUNDEL COUNTY GIS.
 - ON-SITE STREAMS AND WETLAND DELINEATION ARE BASED ON A NATURAL RESOURCES SURVEY PERFORMED BY CENTURY ENGINEERING, DATED 1/27/2021.
 - FOREST CONSERVATION EASEMENTS SHOWN ARE BASED ON PLAT 11860 - 11861, PLAT BOOK 226, PAGES 34-35.
 - FLOODPLAIN DATA IS FROM FEMA NATIONAL FLOOD HAZARD LAYER GIS.
 - PROPERTY DATA IS FROM MARYLAND DEPARTMENT OF ASSESSMENTS AND TAXATION REAL PROPERTY DATA.
 - MARYLAND COORDINATE SYSTEM (MCS)

 CENTURY ENGINEERING A Kleinfelder Company 10710 Gilroy Road, Hunt Valley, MD 21031 Phone: 443.589.2400 www.centuryeng.com	DATE: _____	ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS		SCALE AS SHOWN	SCHEMATIC DESIGN																							
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ENVIRONMENTAL SITE DATA

- GROSS TRACT AREA: ±152.06 AC
- PROJECT AREA: ±11.79 AC / ±513,634 SF
- FLOODPLAIN AREA IN LOD: 0 AC / 0 SF
- WETLAND AREA IN LOD: 0 AC / 0 SF
- WETLAND BUFFER AREA IN LOD: 0 AC / 0 SF
- STREAM BUFFER AREA IN LOD: 0 AC / 0 SF
- EXISTING IMPERVIOUS IN LOD: ±0.47 AC / ±20,602 SF
- THIS SITE IS NOT WITHIN THE CHESAPEAKE BAY CRITICAL AREA.
- THERE ARE NO BOGS WITHIN OR NEAR THE SITE.

ARCHEOLOGY

- Archeological Sites within BRNA Severn Chapel Area:
18AN433
18AN527
AA0882
- Archeological Sites within PROJECT SITE:
AA0882

PROPERTY DATA

- LOT 1: Acct. 90109639 Deed Ref. 33968 / 107
 LOT 1A: Acct. 90109638 Deed Ref. 33968 / 120
 LOT 2A: Acct. 90109640 Deed Ref. 9827 / 343
 LOT 2B: Acct. 90210144 Deed Ref. 33968 / 113
 LOT 2: Acct. 90109641 Deed Ref. 33968 / 100
 LOT 2 RESIDUE: Acct. 90109642 Deed Ref. 33968 / 126

LINE	BEARING	DISTANCE (FT)
L1	N 43°11'36" E	236.74
L2	N 34°22'02" E	391.34
L3	S 34°22'02" E	211.25
L4	N 55°40'58" E	201.50
L5	N 34°22'02" W	214.17
L6	N 41°01'47" E	0.96
L7	S 34°40'09" E	1,321.97
L8	S 32°54'33" E	1,637.76
L9	S 07°01'46" E	3,234.00
L10	N 64°38'05" W	1,160.83
L11	N 25°22'23" W	745.80
L12	N 30°52'23" W	201.30
L13	N 29°08'08" W	264.00
L14	N 27°07'22" W	165.00
L15	N 13°52'23" W	231.00
L16	N 17°37'23" W	132.00
L17	N 37°52'23" W	33.00
L18	N 54°19'51" E	549.45
L19	N 32°06'04" W	168.51
L20	N 35°39'44" W	364.37
L21	N 14°59'51" W	115.49
L22	N 39°39'18" W	821.81
L23	N 06°06'06" W	477.08
L24	N 61°07'55" W	400.28
L25	N 52°52'58" W	536.24

CURVE	DELTA ANGLE	RADIUS	ARC	TAN.	CHORD	CHORD BEARING
C1	08°49'33"	2030.00	312.71	156.66	312.40	N 38°46'49" E
C2	08°14'36"	370.00	53.22	26.66	53.18	N 38°29'21" E
C3	17°26'38"	930.00	283.14	142.67	282.05	N 49°45'06" E

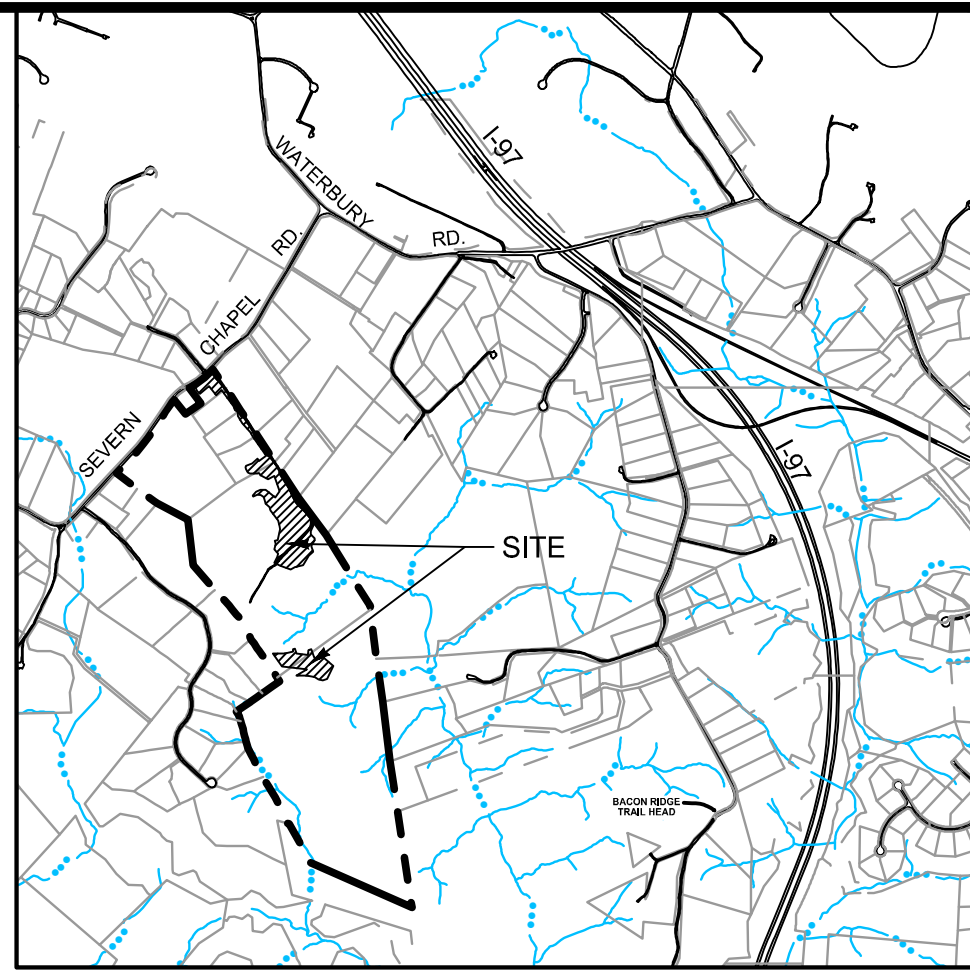
NOTE: LINE AND CURVE DATA IS ADAPTED FROM PLAT 11860-11861 AND MAY NOT MATCH THE GIS PROPERTY BOUNDARY SHOWN HEREON.

KEY	NAME	SLOPE	HYDROLOGIC GROUP	HYDRIC SOIL
AdA	Adelphia-Holmdel complex	0-2%	C	No
AdB	Adelphia-Holmdel complex	2-5%	C	No
AsB	Annapolis fine sandy loam	2-5%	C	No
AsC	Annapolis fine sandy loam	5-10%	C	No
AsE	Annapolis fine sandy loam	15-25%	C	No
AsF	Annapolis fine sandy loam	25-40%	C	No
CoB	Collington-Wist complex	2-5%	B	No
CoC	Collington-Wist complex	5-10%	B	No
CRD	Collington and Annapolis soils	10-15%	B/C	No
CSE	Collington, Wist, and Westphalia soils	15-25%	A/B	No
CSF	Collington, Wist, and Westphalia soils	25-40%	A/B	No
DnB	Donlonton fine sandy loam	2-5%	D	No
FaaA	Fallsington sandy loams	0-2%	C/D	Yes
SaB	Sassafras fine sandy loam	2-5%	B	No
SsA	Shrewsbury loam	0-2%	B/D	Yes
W	Water	-	-	-
WBA	Widewater and Issue soils	0-2%	B/D	Yes



PLAN

SCALE: 1" = 200'



VICINITY MAP

SCALE: 1" = 2000'

LEGEND

- Property Line
- Adjoiner / Lot Line
- Existing Minor Contour
- Existing Major Contour
- Existing Edge of Road/Paving
- Soil Line
- Existing Storm Drain
- Existing Water
- Existing Sewer
- Existing Gas Line
- Existing Underground Electric Line
- Existing Overhead Electric Line
- Existing Conduit Line
- Existing Fiber Optic Line
- Existing Cable Line
- Existing Telephone Line
- Existing Chain Link Fence
- Existing Split Rail Fence
- Existing Trail
- Existing Tree Line
- Existing Building
- Non-Tidal Wetlands and 25' Buffer
- 100' Stream and Wetlands Buffer
- FEMA 100-Year Flood Plain
- Chesapeake Bay Critical Area Limits
- Water Edge or Stream Centerline
- Zoning Line

CENTURY ENGINEERING
A Kleinfelder Company
10710 Gilroy Road, Hunt Valley, MD 21031
Phone: 443.589.2400 www.centuryeng.com

DATE: _____

LICENSE NO. _____

REVISED		APPROVED		DATE		APPROVED		DATE	
DATE	BY								

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

SCALE AS SHOWN
DRAWN BY LMV/RDT
CHECKED BY MJP
SHEET 2 OF 16
PROJECT NO.: P588001
DATE: 4/3/2023

2nd Tax District
Anne Arundel Co., MD.

Schematic Design

Existing Conditions

Severn Chapel Area
of the Bacon Ridge Natural Area

Tax Map 37, Grid 11, Parcel 86

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LEGEND

- Property Line
- Adjoiner / Lot Line
- Zoning Line
- Existing Minor Contour
- Existing Major Contour
- Existing Edge of Road/Paving
- Existing Water
- Existing Overhead Electric Line
- Existing Utility Pole
- Existing Guy Pole / Guy Wire
- Existing Sign
- Existing Fence
- Existing Trail
- Existing Tree Line
- Existing Deciduous Tree
- Existing Evergreen Tree
- Existing Building
- Limit of Disturbance
- Existing Impervious Areas to be Removed
- T.B.R. To Be Removed

MATCH LINE : SEE SHEET 5

PLAN

SCALE: 1" = 30'

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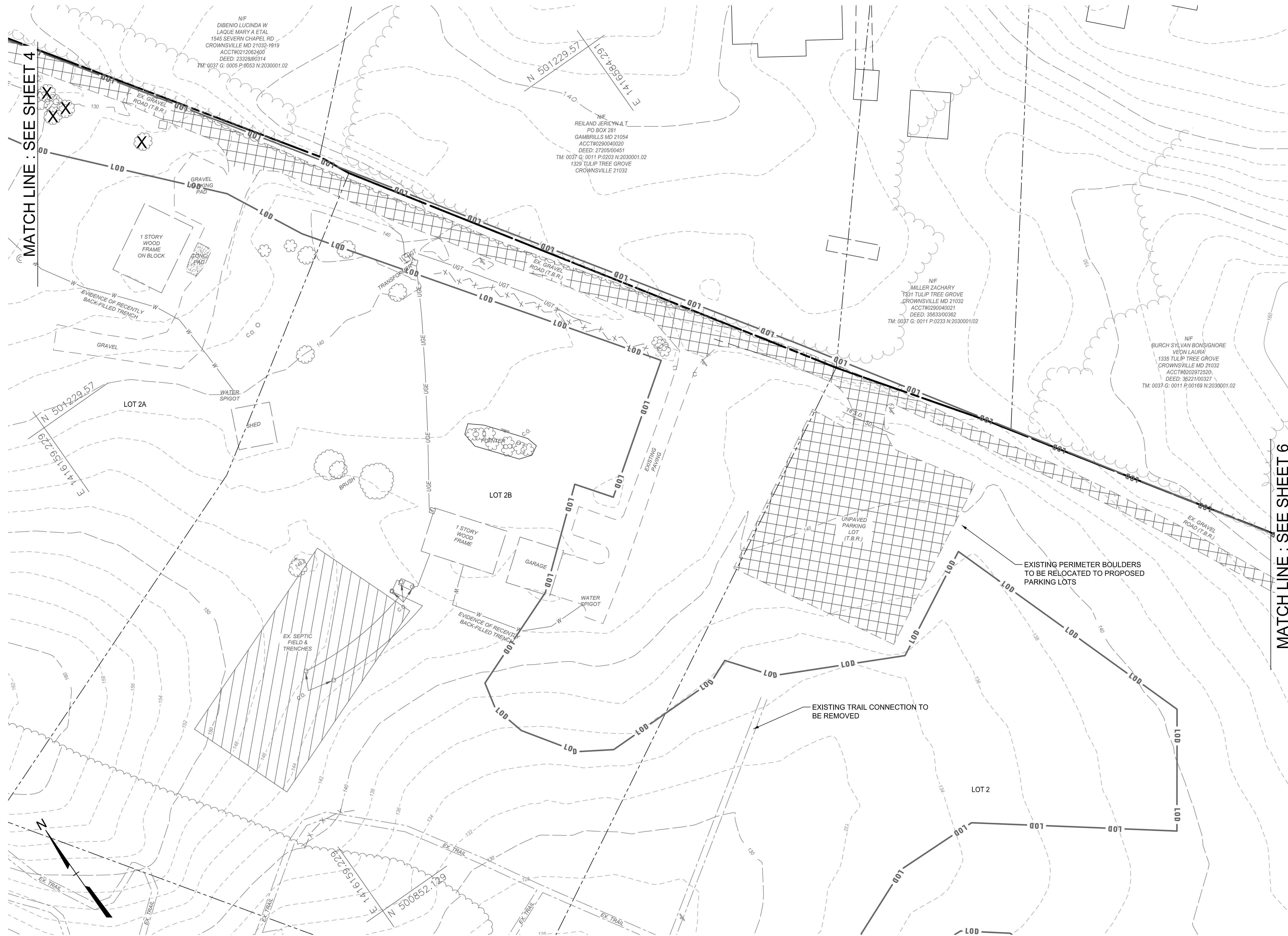
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**ANNE ARUNDEL COUNTY
 DEPARTMENT OF PUBLIC WORKS**

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						SHEET 4 OF 16
						PROJECT NO.: P588001
						DATE: 4/3/2023

SCHEMATIC DESIGN
Existing Conditions and Demolition Plan
Severn Chapel Area
of the Bacon Ridge Natural Area
 2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86

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LEGEND

- Property Line
- Adjoiner / Lot Line
- Existing Minor Contour
- Existing Major Contour
- Existing Edge of Road/Paving
- Existing Storm Drain
- Existing Water
- Existing Underground Telephone Line
- Existing Underground Electric Line
- Existing Overhead Electric Line
- Existing Utility Pole
- Existing Guy Pole / Guy Wire
- Existing Sign
- Existing Fence
- Existing Trail
- Existing Tree Line
- Existing Deciduous Tree
- Existing Evergreen Tree
- Existing Building
- Limit of Disturbance
- Existing Impervious Areas to be Removed
- To Be Removed

PLAN

SCALE: 1" = 30'

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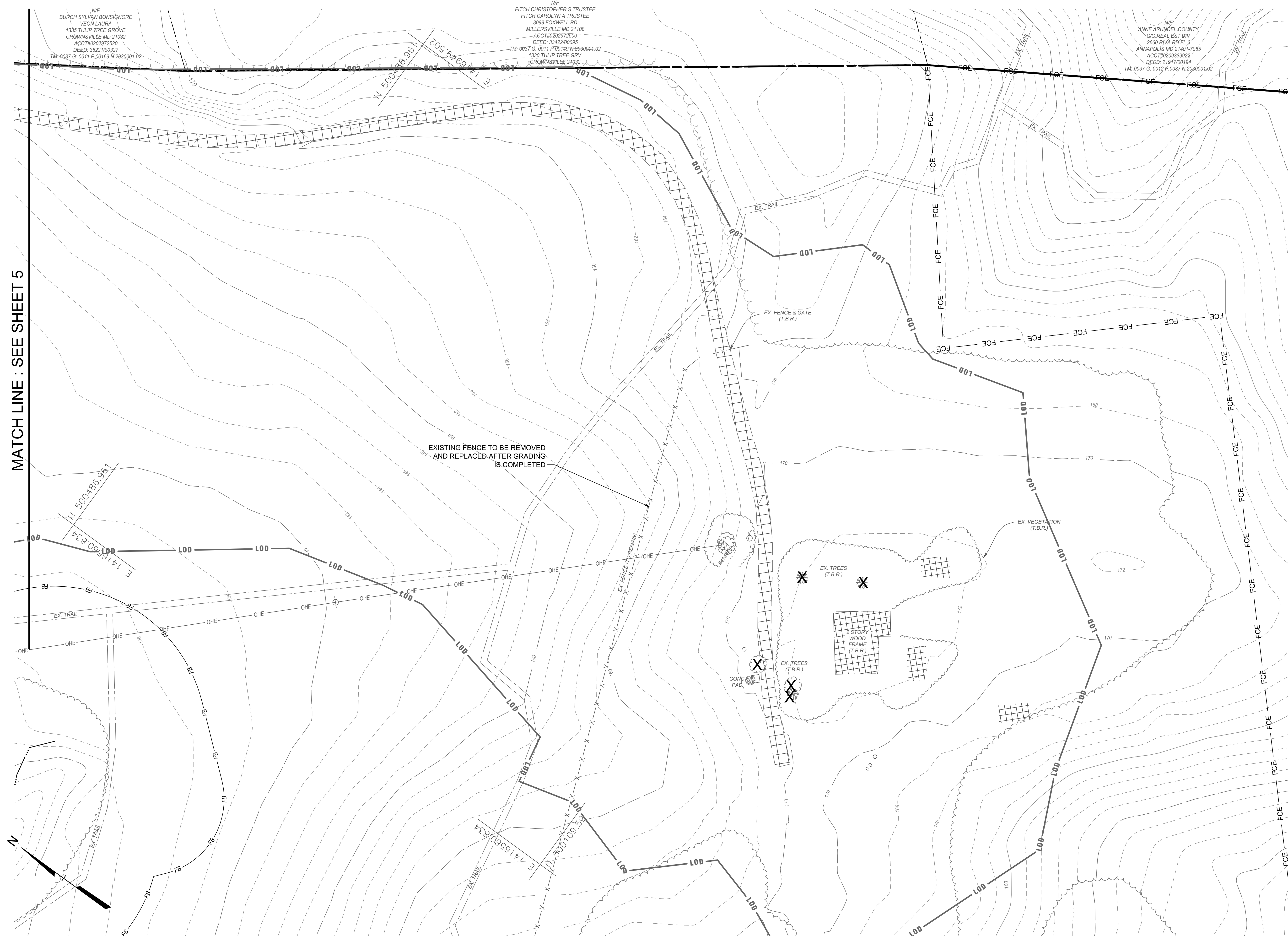
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		ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY		SHEET 5 OF 16	
						PROJECT NO.: P588001	Existing Conditions and Demolition Plan Severn Chapel Area of the Bacon Ridge Natural Area
						DATE: 4/3/2023	

2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86

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MATCH LINE : SEE SHEET 5

LEGEND

	Property Line
	Adjoinder / Lot Line
	Existing Minor Contour
	Existing Major Contour
	Existing Edge of Road/Paving
	Existing Overhead Electric Line
	Existing Utility Pole
	Existing Guy Pole / Guy Wire
	Existing Sign
	Existing Fence
	Existing Trail
	Existing Tree Line
	Existing Deciduous Tree
	Existing Evergreen Tree
	Existing Building
	Existing Forest Conservation Easement
	100' Stream and Wetlands Buffer
	Water Edge or Stream Centerline
	Limit of Disturbance
	Existing Impervious Areas to be Removed
	To Be Removed

PLAN
SCALE: 1" = 30'

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LICENSE NO. _____		APPROVED DATE _____ _____		PROJECT MANAGER APPROVED DATE _____ _____		SCHEMATIC DESIGN Existing Conditions & Demolition Plan Severn Chapel Area of the Bacon Ridge Natural Area <small>2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86</small>	
ASSISTANT CHIEF ENGINEER _____		CHIEF, RIGHT OF WAY _____					

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LEGEND

	Property Line
	Adjoiner / Lot Line
	Zoning Line
	Existing Minor Contour
	Existing Major Contour
	Existing Edge of Road/Paving
	Existing Storm Drain
	Existing Water
	Existing Overhead Electric Line
	Existing Utility Pole
	Existing Guy Pole / Guy Wire
	Existing Sign
	Existing Fence
	Existing Trail
	Existing Tree Line
	Existing Deciduous Tree
	Existing Evergreen Tree
	Critical Root Zone
	Existing Building
	Limit of Disturbance
	Proposed Edge of Road/Paving
	Proposed Minor Contour
	Proposed Major Contour
	Proposed Spot Elevation
	Proposed Paving
	Proposed Inlet and Storm Drain
	Proposed Storm Drain Outfall

MATCH LINE : SEE SHEET 8

PLAN
SCALE: 1" = 30'

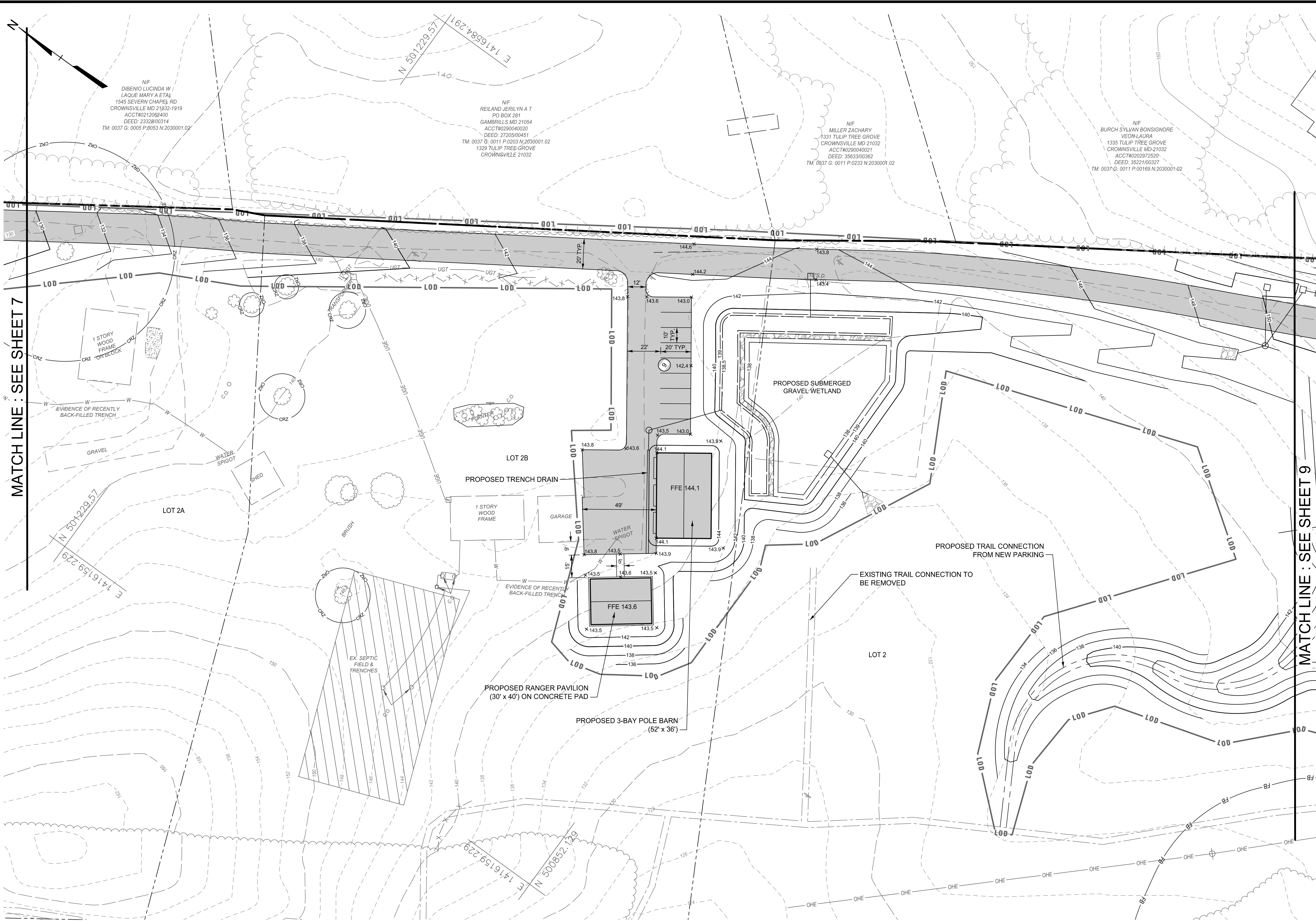
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										DATE:	4/3/2023

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

SCHEMATIC DESIGN
Site, Grading & Stormwater Management Plan
Severn Chapel Area of the Bacon Ridge Natural Area
2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86



LEGEND

	Property Line
	Adjoinder / Lot Line
	Existing Minor Contour
	Existing Major Contour
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	Existing Water
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	Proposed Paving
	Proposed Inlet and Storm Drain
	Proposed Storm Drain Outfall
	Proposed Trail

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LICENSE NO. _____

REVISED		APPROVED		DATE		APPROVED		DATE	
DATE	BY								

SCALE AS SHOWN
DRAWN BY: LMV/RDT
CHECKED BY: MJP
SHEET 8 OF 16
PROJECT NO.: P588001
DATE: 4/3/2023

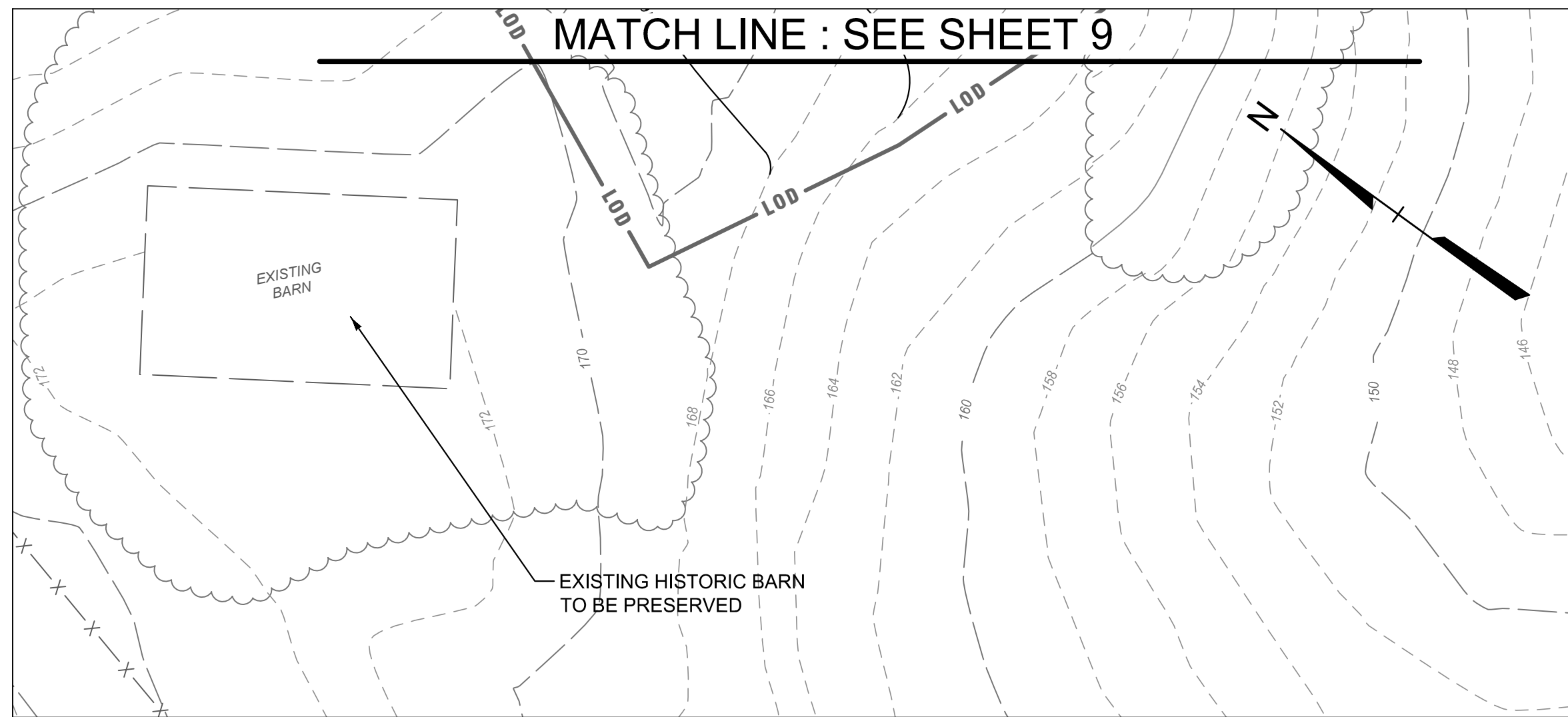
ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

SCHEMATIC DESIGN
Site, Grading & Stormwater Management Plan
Severn Chapel Area
of the Bacon Ridge Natural Area

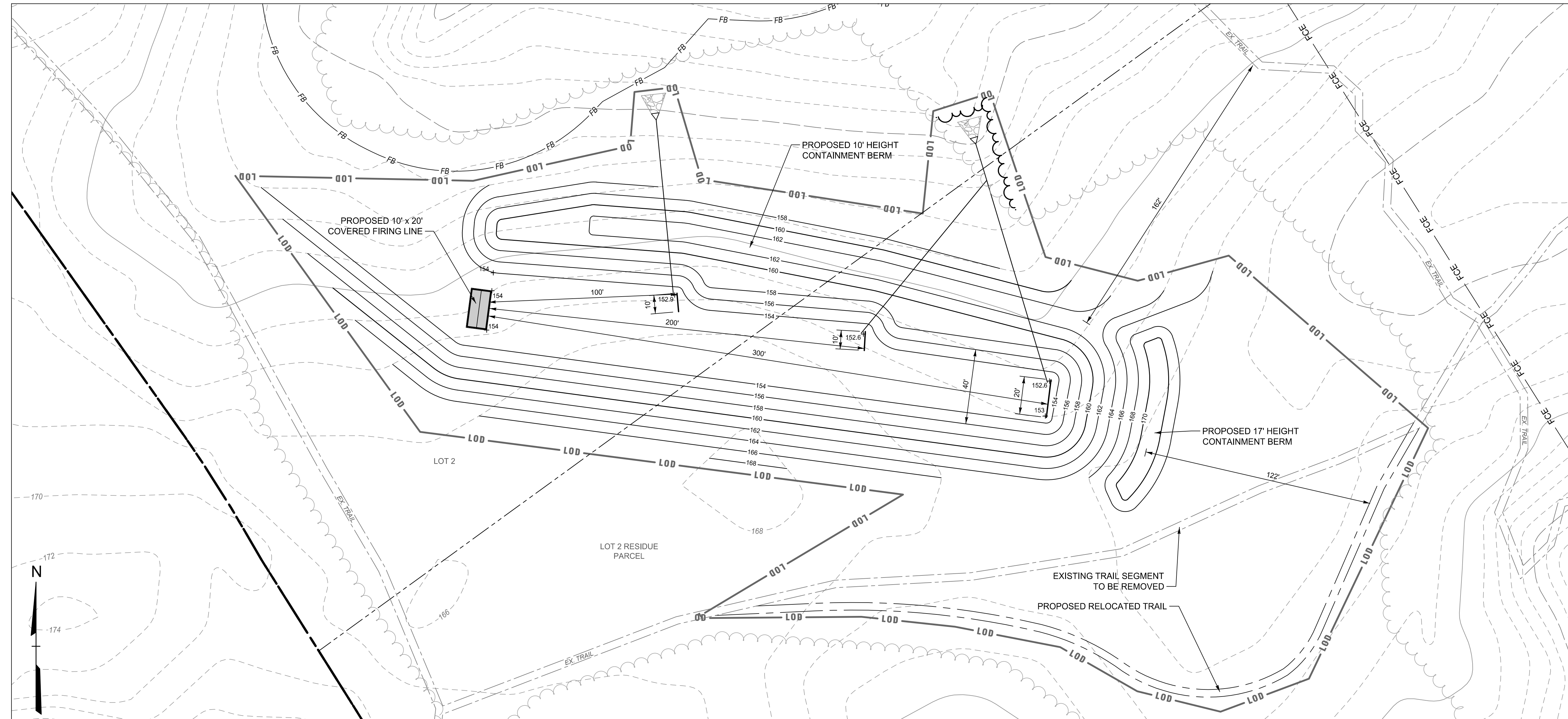
2nd Tax District
Anne Arundel Co., MD.

Tax Map 37, Grid 11, Parcel 86

T:\2023\Facilities\2023523 T001 A Bacon Ridge Construction Drawings Phase 1\CIVIL\CADD Drawings\2023523 T001 A (SP-08) Grading Plan.dwg Apr 03, 2023 4:13pm Vaccaro



PLAN
SCALE: 1" = 30'



PLAN
SCALE: 1" = 30'

LEGEND

- Property Line
- Adjoiner / Lot Line
- Existing Minor Contour
- Existing Major Contour
- Existing Trail
- Existing Fence
- 100' Stream and Wetlands Buffer
- Water Edge or Stream Centerline
- Existing Forest Conservation Easement
- Existing Tree Line
- Existing Building
- Limit of Disturbance
- Proposed Building
- Proposed Minor Contour
- Proposed Major Contour
- Proposed Spot Elevation
- Proposed Tree Line
- Proposed Drainage Pipes and Outfalls
- Proposed Trail

T:\2023\Facilities\2023523\T001A\BaconRidge\Construction Drawings Phase 1\CIVIL\CADD Drawings\2023523\T001A (5D-10) Grading Plan.dwg Apr 03, 2023 4:14pm Vaccaro

<p>CENTURY ENGINEERING A Kleinfelder Company 10710 Gilroy Road, Hunt Valley, MD 21031 Phone: 443.589.2400 www.centuryeng.com</p>	DATE: _____	ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS		SCHEMATIC DESIGN																																																						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REVISED</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISED	DATE	BY				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>APPROVED</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	APPROVED	DATE							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>APPROVED</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	APPROVED	DATE							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SCALE</th> <th>AS SHOWN</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SCALE	AS SHOWN							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">DRAWN BY</th> <th colspan="2">CHECKED BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <th colspan="2">PROJECT NO.:</th> <th colspan="2">SHEET</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <th colspan="2">DATE:</th> <th colspan="2">DATE:</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DRAWN BY		CHECKED BY						PROJECT NO.:		SHEET						DATE:		DATE:				
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<p>LICENSE NO. _____</p>	<p>APPROVED</p> <p>CHIEF ENGINEER</p> <p>APPROVED</p> <p>ASSISTANT CHIEF ENGINEER</p>	<p>APPROVED</p> <p>PROJECT MANAGER</p> <p>APPROVED</p> <p>CHIEF, RIGHT OF WAY</p>	<p>SCALE</p> <p>DRAWN BY</p> <p>CHECKED BY</p> <p>SHEET</p> <p>PROJECT NO.:</p> <p>DATE:</p>	<p>Site, Grading & Stormwater Management Plan</p> <p>Severn Chapel Area of the Bacon Ridge Natural Area</p> <p><small>2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86</small></p>																																																						

T:\2023\Facilities\2023523\T001A\Bacon Ridge Construction Drawings Phase 1\CIVIL\CADD\Drawings\2023523\T001A (5D-1) Schem Landscaping.dwg Apr 03, 2023 4:33pm Ivaccare



LEGEND

- Property Line
- Adjoiner / Lot Line
- Zoning Line
- Existing Minor Contour
- Existing Major Contour
- Existing Edge of Road/Paving
- Existing Storm Drain
- Existing Water
- Existing Overhead Electric Line
- Existing Utility Pole
- Existing Guy Pole / Guy Wire
- Existing Sign
- Existing Fence
- Existing Trail
- Existing Tree Line
- Existing Deciduous Tree
- Existing Evergreen Tree
- Critical Root Zone
- Existing Building
- Limit of Disturbance
- Proposed Edge of Road/Paving
- Proposed Minor Contour
- Proposed Major Contour
- Proposed Paving
- Proposed Major Tree
- Proposed Minor Tree
- Proposed Evergreen Tree
- Proposed Shrubs

MATCH LINE : SEE SHEET 12

PLAN

SCALE: 1" = 30'

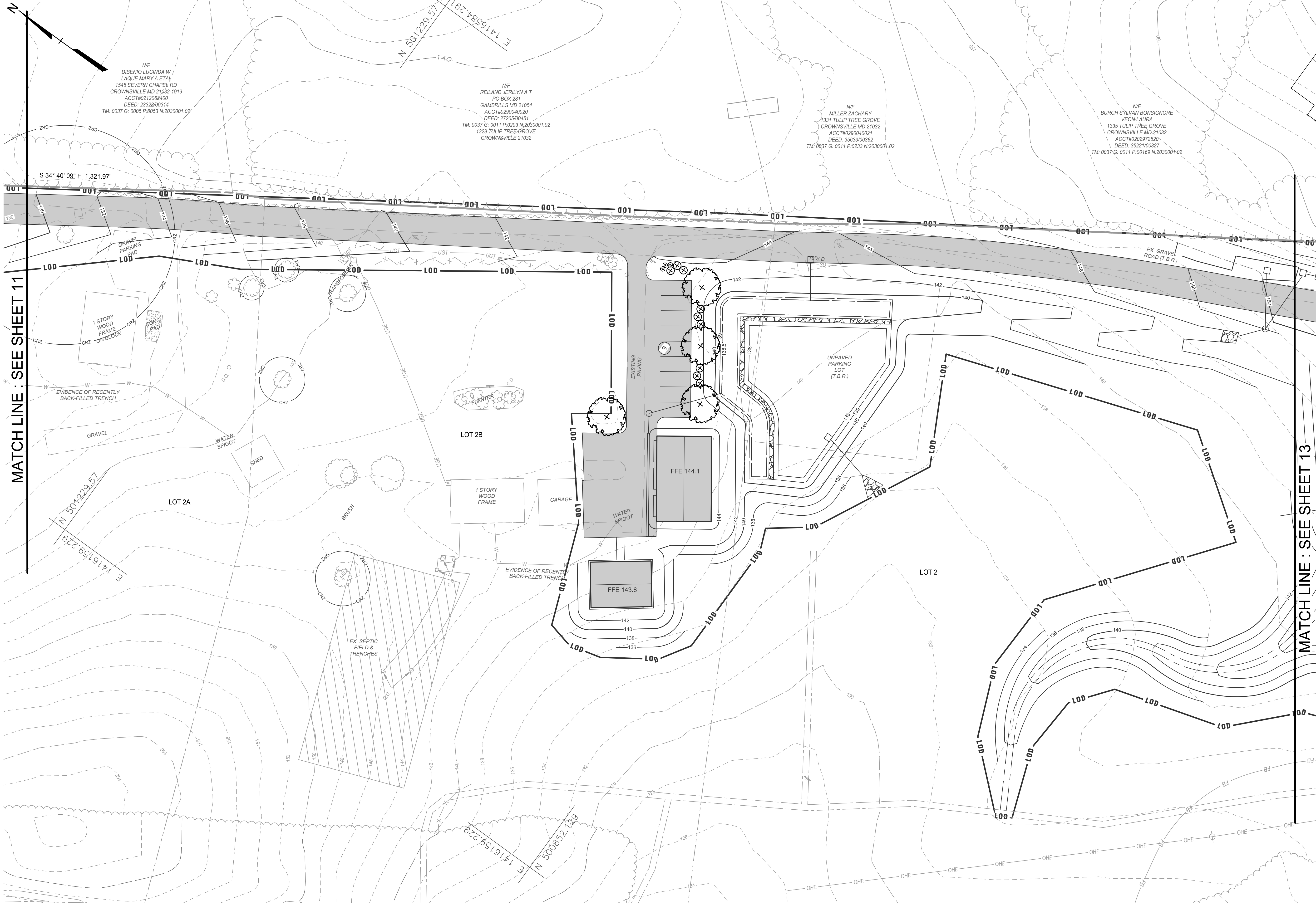
CENTURY ENGINEERING
 A Kleinfelder Company
 10710 Gilroy Road, Hunt Valley, MD 21031
 Phone: 443.589.2400 www.centuryeng.com

DATE: _____
 LICENSE NO. _____

**ANNE ARUNDEL COUNTY
 DEPARTMENT OF PUBLIC WORKS**

REVISED DATE	BY	APPROVED	DATE	APPROVED	DATE	SCALE AS SHOWN
		CHIEF ENGINEER		PROJECT MANAGER		DRAWN BY LMV/RDT
		APPROVED		APPROVED		CHECKED BY MJP
						SHEET 11 OF 16
						PROJECT NO.: P588001
						DATE: 4/3/2023

SCHEMATIC DESIGN
 Schematic Landscape Plan
**Severn Chapel Area
 of the Bacon Ridge Natural Area**
 2nd Tax District
 Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86



LEGEND

	Property Line
	Adjoiner / Lot Line
	Existing Minor Contour
	Existing Major Contour
	Existing Edge of Road/Paving
	Existing Storm Drain
	Existing Water
	Existing Underground Telephone Line
	Existing Underground Electric Line
	Existing Overhead Electric Line
	Existing Utility Pole
	Existing Guy Pole / Guy Wire
	Existing Sign
	Existing Fence
	Existing Tree Line
	Existing Deciduous Tree
	Existing Evergreen Tree
	Critical Root Zone
	Existing Trail
	Existing Building
	Limit of Disturbance
	Proposed Building
	Proposed Edge of Road/Paving
	Proposed Minor Contour
	Proposed Major Contour
	Proposed Spot Elevation
	Proposed Paving
	Proposed Major Tree
	Proposed Minor Tree
	Proposed Evergreen Tree
	Proposed Shrubs

PLAN

SCALE: 1" = 30'

T:\2023\Facilities\2023523 T001 A Bacon Ridge Construction Drawings Phase 1\CIVIL\CADD\Drawings\2023523 T001 A (5D-12) Schem Landscaping Apr 03, 2023 4:3 pm Ivaccare

<p>CENTURY ENGINEERING A Kleinfelder Company 10710 Gilroy Road, Hunt Valley, MD 21031 Phone: 443.589.2400 www.centuryeng.com</p>	DATE: _____	<p align="center">ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS</p>		<p align="center">SCHEMATIC DESIGN</p>																				
	<table border="1"> <tr><th>REVISED</th><th>DATE</th><th>BY</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISED	DATE	BY				<table border="1"> <tr><th>APPROVED</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> </table>	APPROVED	DATE			<table border="1"> <tr><th>APPROVED</th><th>DATE</th></tr> <tr><td> </td><td> </td></tr> </table>	APPROVED	DATE			<table border="1"> <tr><th>SCALE</th><th>AS SHOWN</th></tr> <tr><td> </td><td> </td></tr> </table>	SCALE	AS SHOWN			<p align="center">Schematic Landscape Plan</p>	
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SHEET	12	OF	16																					
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ASSISTANT CHIEF ENGINEER																								
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DATE:	4/3/2023																							

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LEGEND

- Property Line
- Adjoiner / Lot Line
- Existing Minor Contour
- Existing Major Contour
- Existing Edge of Road/Paving
- Existing Overhead Electric Line
- Existing Utility Pole
- Existing Guy Pole / Guy Wire
- Existing Sign
- Existing Fence
- Existing Trail
- Existing Tree Line
- Existing Deciduous Tree
- Existing Evergreen Tree
- Critical Root Zone
- 100' Stream and Wetlands Buffer
- Water Edge or Stream Centerline
- Existing Building
- Limit of Disturbance
- Proposed Building
- Proposed Edge of Road/Paving
- Proposed Minor Contour
- Proposed Major Contour
- Proposed Spot Elevation
- Proposed Paving
- Proposed Inlet and Storm Drain
- Proposed Tree Line
- Proposed Major Tree
- Proposed Minor Tree
- Proposed Evergreen Tree
- Proposed Shrubs

PLAN

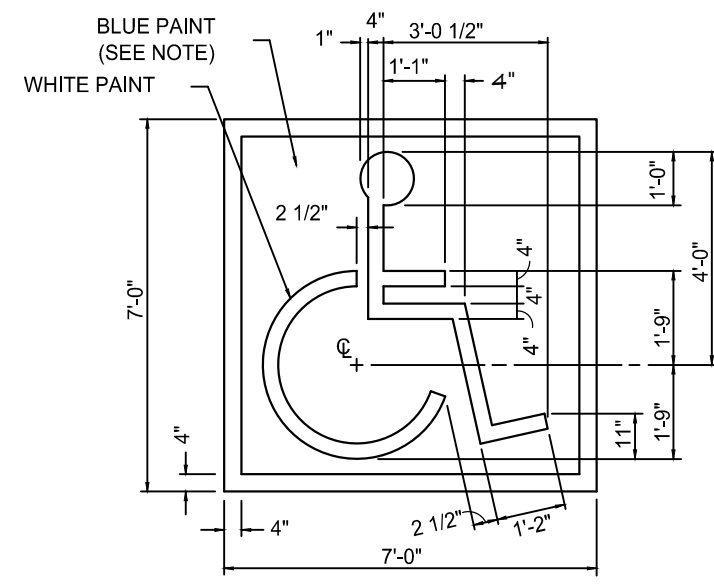
SCALE: 1" = 30'

CENTURY ENGINEERING
 A Kleinfelder Company
 10710 Gilroy Road, Hunt Valley, MD 21031
 Phone: 443.589.2400 www.centuryeng.com

DATE: _____
 LICENSE NO. _____

REVISED		APPROVED		DATE		APPROVED		DATE		SCALE AS SHOWN		SCHEMATIC DESIGN	
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	Schematic Landscape Plan	
												Severn Chapel Area of the Bacon Ridge Natural Area	
												2nd Tax District Anne Arundel Co., MD.	
												Tax Map 37, Grid 11, Parcel 86	

T:\2023\Facilities\2023523 T001 A Balcon Ridge Construction Drawings Phase 1\CIVIL\CADD Drawings\2023523 T001 A (5D-14) Site Details.dwg Apr 03, 2023 4:15pm Ivaccare



NOTE: SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL. SYMBOL IS REQUIRED TO CONTRAST WITH BACKGROUND WHITE ON BLUE (COLOR NO. 105090 IN FED. STANDARD 9552) DOUBLE COAT (TYP.)

PAINTED HANDICAP PARKING SYMBOL DETAIL*

NOT TO SCALE

*HANDICAP PARKING SPACES SHOWN AS FUTURE ON THIS PLAN SET



NOTE: ARROW PLATE IS OPTIONAL, MAY BE USED WHEN IT IS NECESSARY TO OFFSET SIGN LOCATION DUE TO ACCESS RAMP.

SIGN SIZE	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
STANDARD	12	18	3/8	1-3/4	2-1/20	1	2C	1-1/2	6	

SIGN SIZE	DIMENSIONS (INCHES)							
	K	L	M	N	P	Q	R	
STANDARD	6-1/2	1-5/8	1/8	1/8	3/4	9/64	30*	

REFERENCES

MdMUTCD SECTION - 2B.39, 2B.40, 2B.41, 5B.05, 7B.14

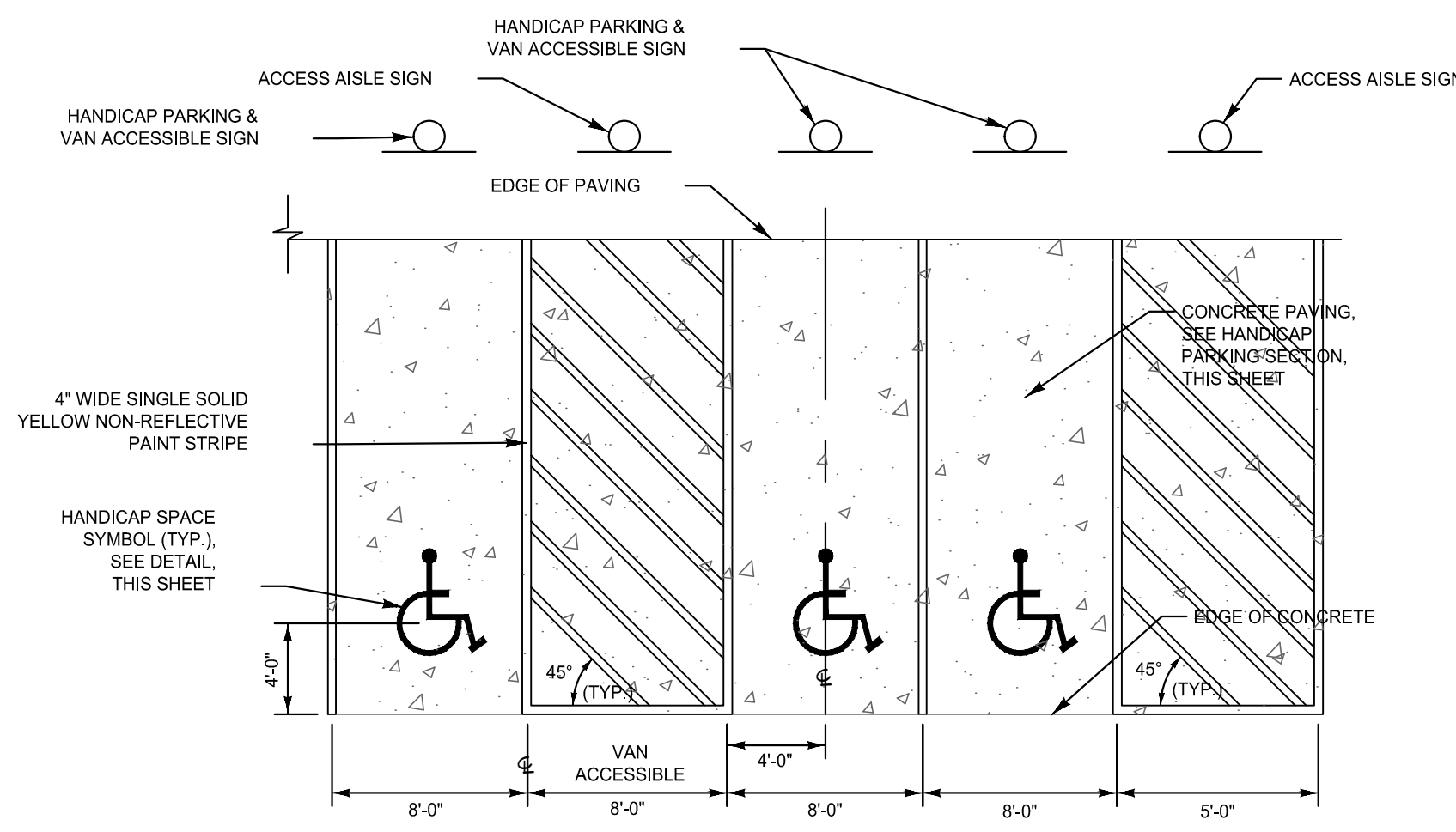
COLORS

LEGEND - RED
BACKGROUND - WHITE

ACCESS AISLE SIGN DETAIL*

NOT TO SCALE

*HANDICAP PARKING SPACES SHOWN AS FUTURE ON THIS PLAN SET



- STRIPING SHOULD END AT EDGE OF PAVING
- STRIPING MATERIAL AND METHODS OF CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST MUTCD EDITION STDS. & SPECS.
- INSTALL "VAN ACCESSIBLE" SIGN BELOW HANDICAP SIGN ON SPACES WHERE NOTED ON PLAN.
- YELLOW PAINT MAY BE USED ON CONCRETE OR OTHER SURFACES WHERE WHITE PAINT DOES NOT PROVIDE SUFFICIENT CONTRAST. OWNER'S WRITTEN APPROVAL MUST BE OBTAINED.
- ALL DIMENSION, LAYOUT, BACKGROUND AND COLOR TO CONFORM TO MOST CURRENT ADA GUIDELINES.

HANDICAP PARKING STRIPING DETAIL*

NOT TO SCALE

*HANDICAP PARKING SPACES SHOWN AS FUTURE ON THIS PLAN SET



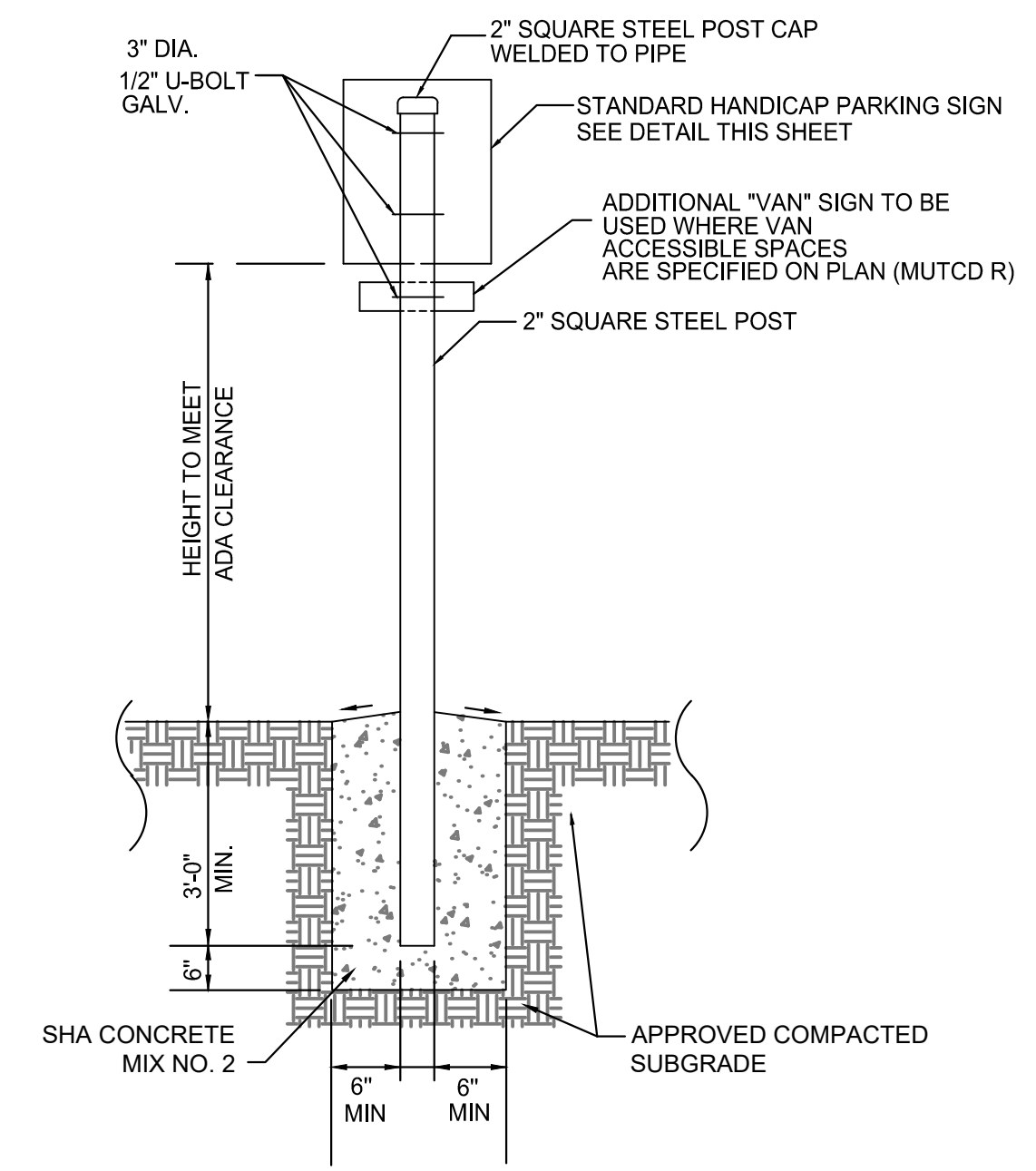
J. SECTION 4.6.4 SIGNAGE. EACH ACCESSIBLE PARKING SPACE SHALL BE IDENTIFIED BY AN APPROVED SIGN WITH THE BOTTOM EDGE AT LEAST 7 FEET ABOVE THE GROUND, UNLESS THE SIGN IS PLACED FLUSH AGAINST A BUILDING, STRUCTURE, OR OTHER LOCATION THAT DOES NOT OBSTRUCT VEHICLE OR PEDESTRIAN TRAFFIC. IN WHICH CASE THE SIGN SHALL BE AT LEAST 6 FEET AND NO MORE THAN 10 FEET ABOVE THE GROUND. SIGNS SHALL BEAR THE INTERNATIONAL SYMBOL OF ACCESS AND THE WORDS "RESERVED PARKING" AND SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SEE REGULATION .07 FOR EXPLANATORY MATERIAL). SIGN RT-8

COLORS
BACKGROUND - WHITE; LEGEND AND BORDER-GREEN; WHITE SYMBOL ON BLUE BACKGROUND
NOTE: PROVIDE ADDITIONAL "VAN ACCESSIBLE" SIGNAGE (RT-8A) PER ADA REQUIREMENTS FOR SPACES AS NOTED ON PLAN.
FOR INFORMATION ON SIGN POST AND MOUNTING REFER TO DETAIL THIS SHEET.

HANDICAP PARKING SIGN DETAIL*

NOT TO SCALE

*HANDICAP PARKING SPACES SHOWN AS FUTURE ON THIS PLAN SET

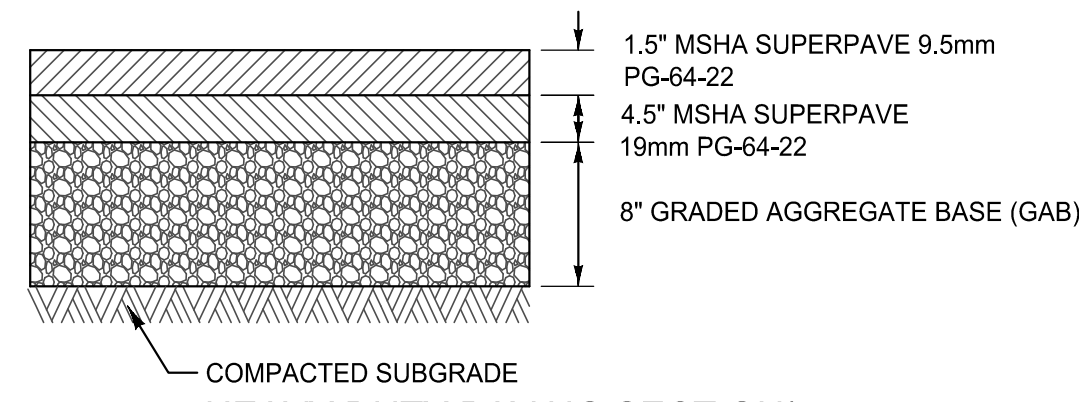


ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT ADA REGULATIONS.

HANDICAP SIGN MOUNTING DETAIL*

NOT TO SCALE

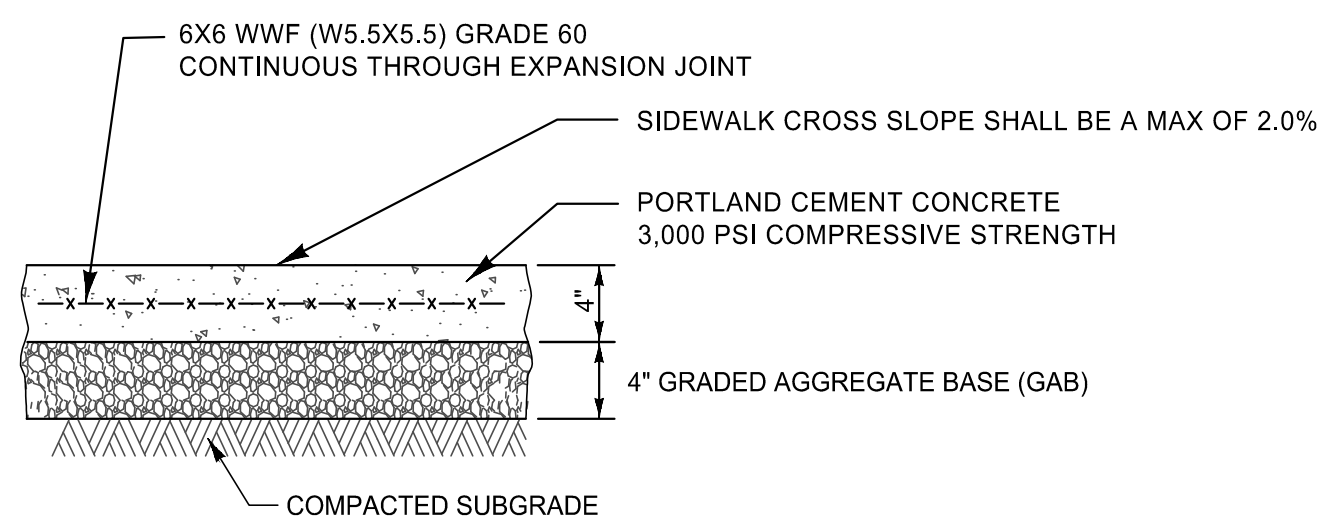
*HANDICAP PARKING SPACES SHOWN AS FUTURE ON THIS PLAN SET



HEAVY DUTY PAVING SECTION*

NOT TO SCALE

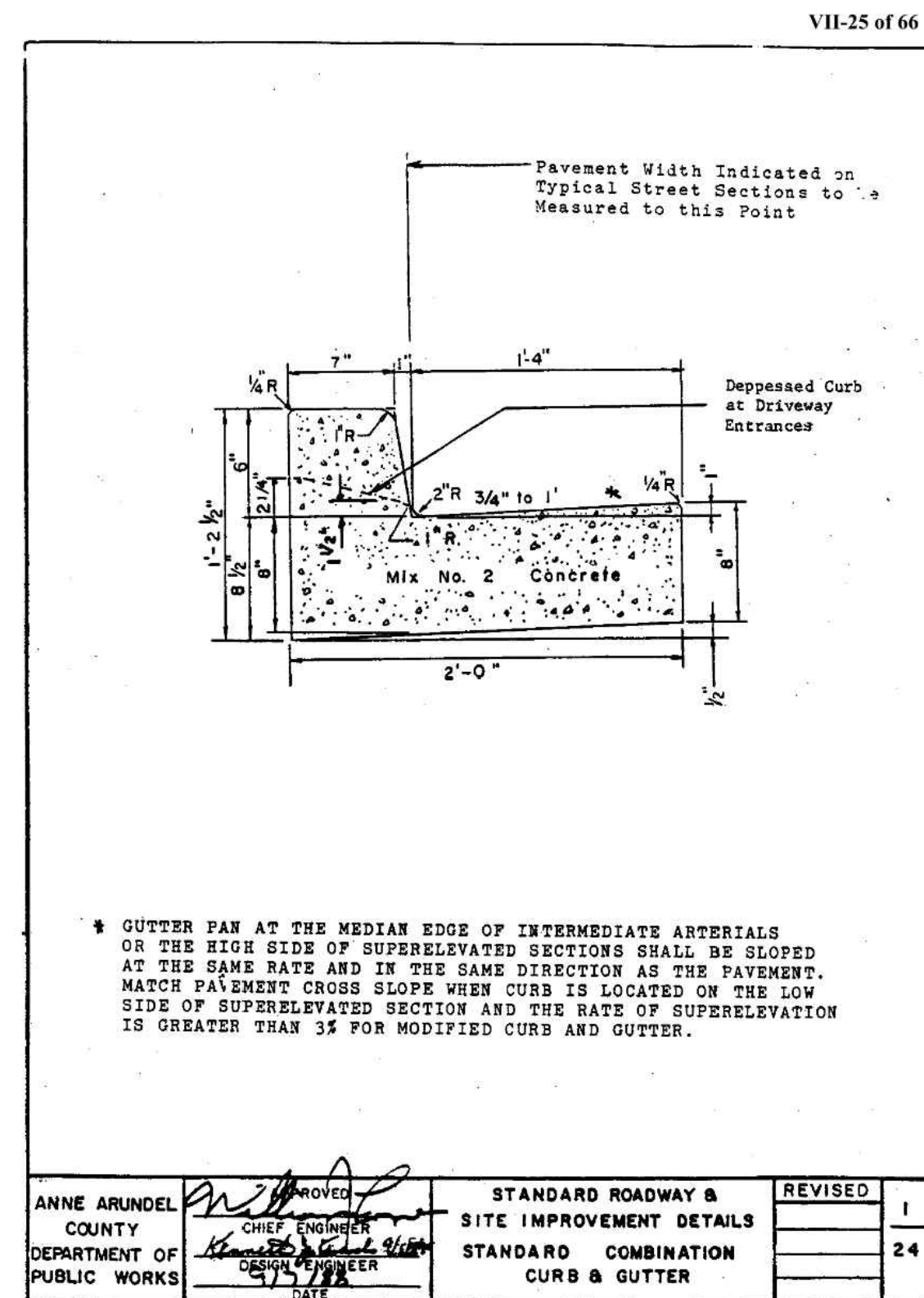
*PRELIMINARY GEO-TECH RECOMMENDATION



CONCRETE SIDEWALK SECTION*

NOT TO SCALE

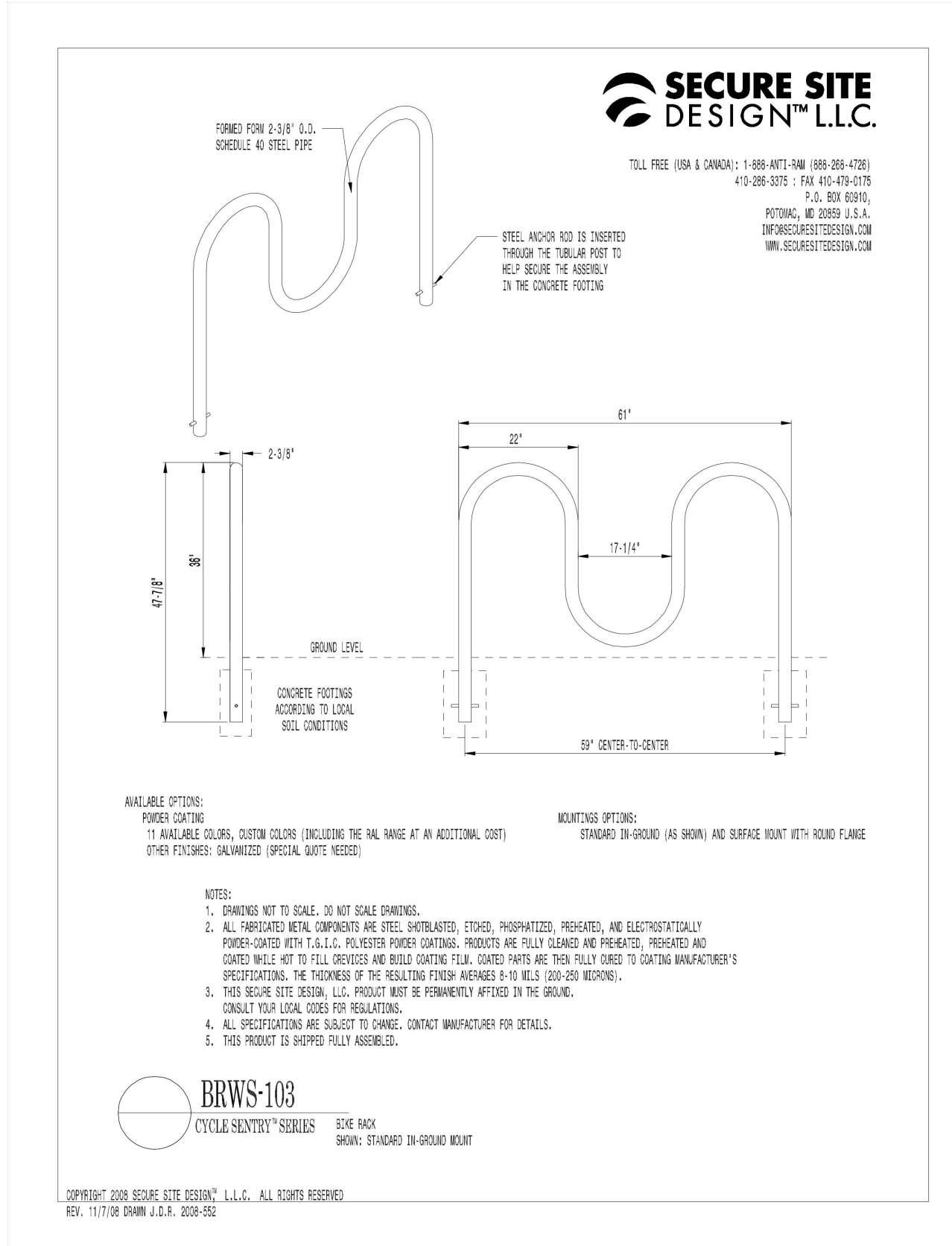
*SHOWN AS FUTURE THIS PLAN SET



* GUTTER PAV AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AND IN THE SAME DIRECTION AS THE PAVEMENT. MATCH PAVEMENT CROSS SLOPE WHEN CURB IS LOCATED ON THE LOW SIDE OF SUPERELEVATED SECTION AND THE RATE OF SUPERELEVATION IS GREATER THAN 3% FOR MODIFIED CURB AND GUTTER.

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS	APPROVED	STANDARD ROADWAY & SITE IMPROVEMENT DETAILS	REVISED	1
		STANDARD COMBINATION CURB & GUTTER		24

Published: 01/01 Revised:



BRWS-103
CYCLO-SEMENT SIGN
SIDE MARK
BRWS STANDBY 24-HOUR MOUNT

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REV. 11/17/09 (REV. 4.25. 2020-22)

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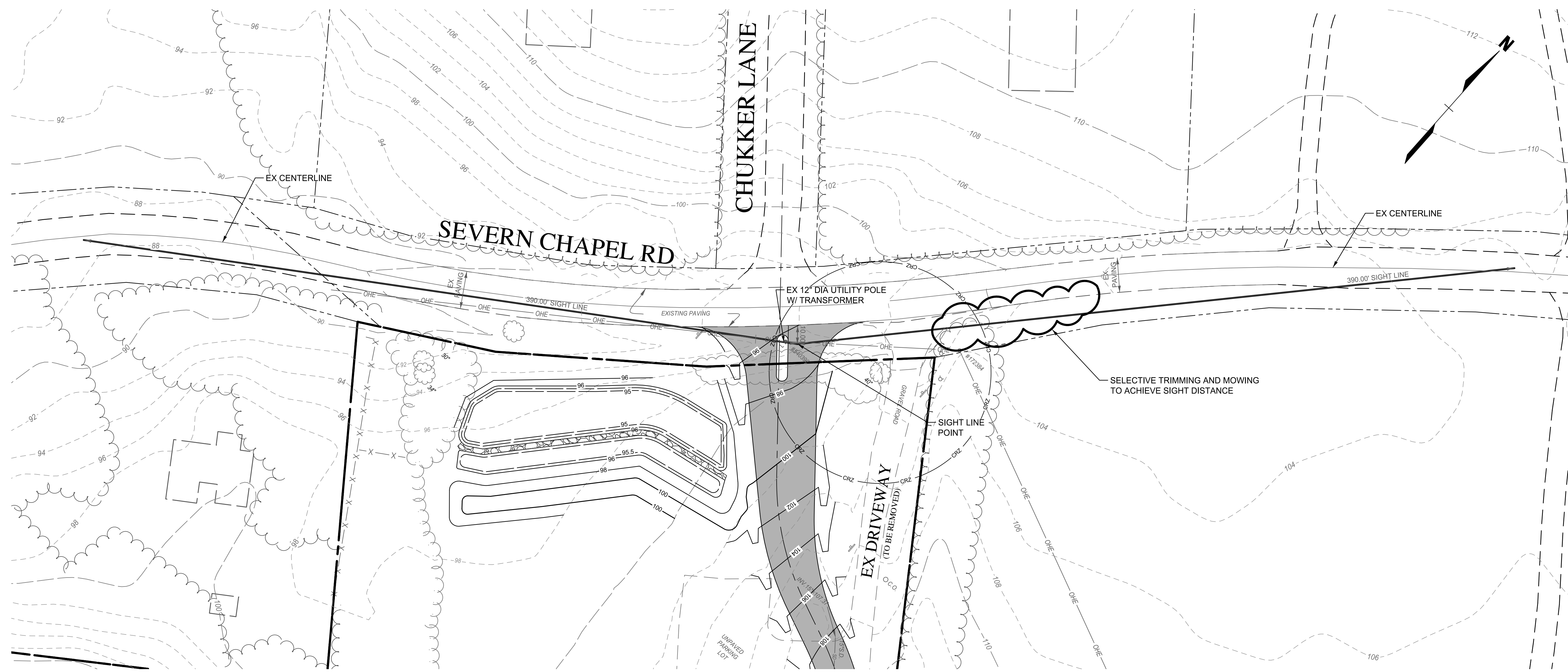
DATE: _____

LICENSE NO. _____

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISED DATE	BY	APPROVED	DATE	APPROVED	DATE	SCALE AS SHOWN	SHEET 14 OF 16
		CHIEF ENGINEER		PROJECT MANAGER		CHECKED BY MJP	
		APPROVED	DATE	APPROVED	DATE	PROJECT NO.: P588001	
		ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY		DATE: 4/3/2023	

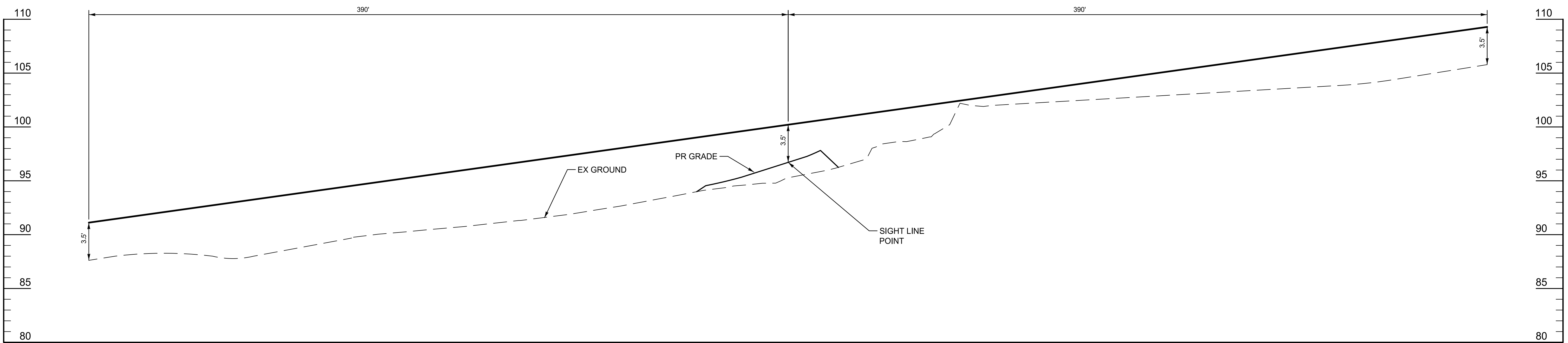
Schematic Design
Site Details
Severn Chapel Area
of the Bacon Ridge Natural Area
2nd Tax District
Anne Arundel Co., MD.



PLAN
SCALE: 1"=30'

LEGEND

- Property Line
- Adjoiner / Lot Line
- - - Existing Minor Contour
- - - Existing Major Contour
- - - Existing Edge of Road/Paving
- || Soil Line
- SD EX 15" D Existing Storm Drain
- W EX 12" W Existing Water
- SAN EX 8" S Existing Sewer
- G EX 8" G Existing Gas Line
- E Existing Underground Electric Line
- OHE Existing Overhead Electric Line
- C Existing Conduit Line
- FO Existing Fiber Optic Line
- CTV Existing Cable Line
- T Existing Telephone Line
- X - X - X Existing Chain Link Fence
- - - Existing Split Rail Fence
- - - Existing Trail
- - - Existing Tree Line
- Existing Building
- Non-Tidal Wetlands and 25' Buffer
- FB 100' Stream and Wetlands Buffer
- FP FEMA 100-Year Flood Plain
- Chesapeake Bay Critical Area Limits
- Water Edge or Stream Centerline
- Zoning Line



SIGHT LINE PROFILE
SCALE: HORIZ: 1"=30'
VERT: 1"=5'

DRIVEWAY ENTRANCE DATA

POSTED SPEED = 35 mph
 DESIGN SPEED = 45 mph
 ROAD CLASSIFICATION = COLLECTOR (SCENIC BYWAY)
 REQUIRED SIGHT DISTANCE (based on off posted speed):
 CARS = 390'
 TRUCKS = 490'
 PROVIDED SIGHT DISTANCE:
 LOOKING LEFT = 390'
 LOOKING RIGHT 390'

T:\2023\Facilities\2023523 T001 A Bacon Ridge Construction Drawings Phase 1\CIVIL\CADD Drawings\2023523 T001 A (SP-16) EntrancePlan.dwg Apr 03, 2023 4:29pm Ivaccare

 CENTURY ENGINEERING A Kleinfelder Company 10710 Gilroy Road, Hunt Valley, MD 21031 Phone: 443.589.2400 www.centuryeng.com		DATE: _____		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS	
		REVISED DATE BY APPROVED DATE CHIEF ENGINEER APPROVED DATE ASSISTANT CHIEF ENGINEER		APPROVED DATE PROJECT MANAGER APPROVED DATE CHIEF, RIGHT OF WAY	
		SCALE AS SHOWN DRAWN BY LMV/RDT CHECKED BY MJP SHEET 16 OF 16 PROJECT NO.: P588001 DATE: 4/3/2023		SCHEMATIC DESIGN Entrance and Sight Line Plan of the Severn Chapel Area of the Bacon Ridge Natural Area <small>2nd Tax District Anne Arundel Co., MD. Tax Map 37, Grid 11, Parcel 86</small>	