LEGEND	
FOREST/OPEN SPACE	
MANAGED TURF	
IMPERVIOUS COVER	

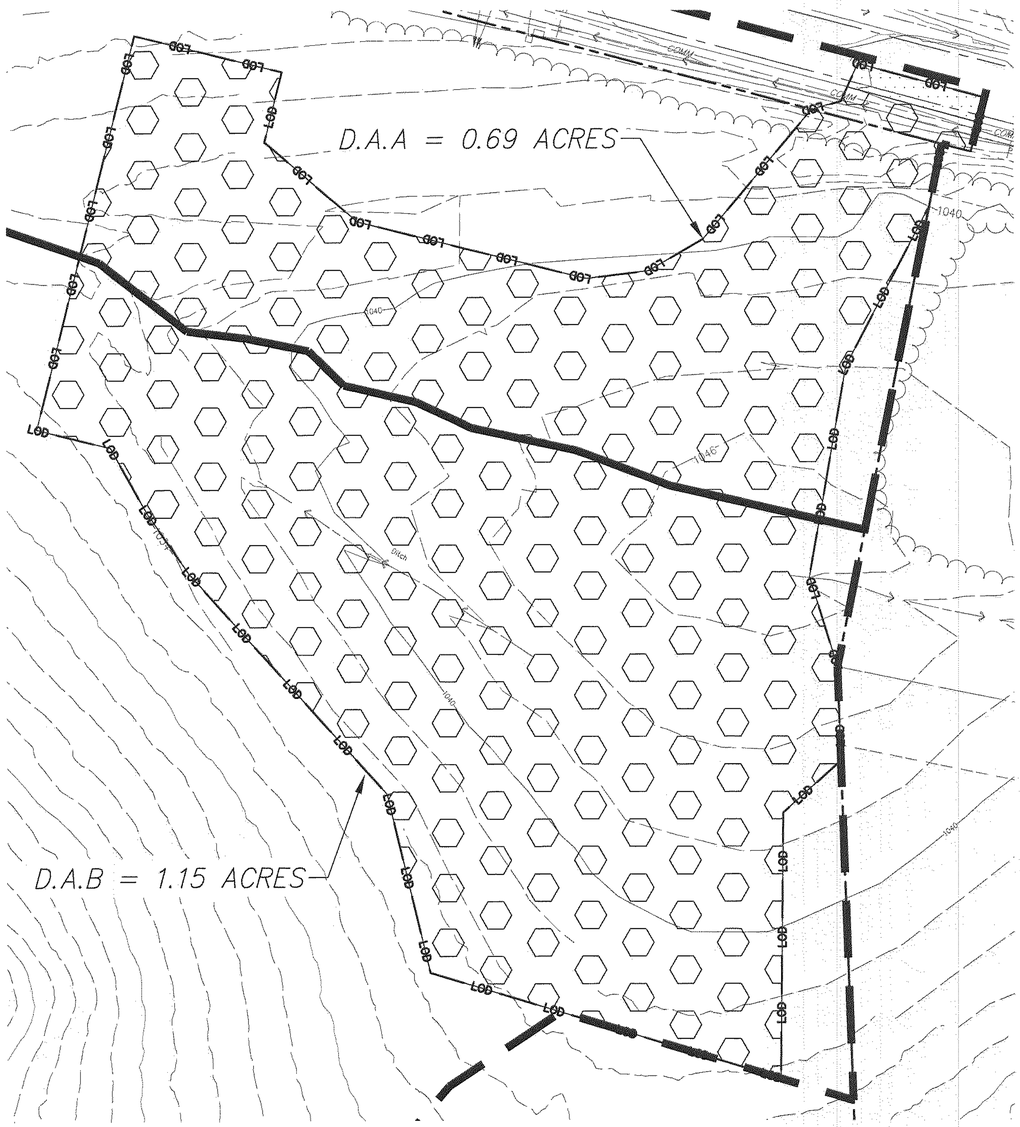
NOTES:
1. ALL SOILS ON SITE ARE IN HYDROLOGIC SOIL GROUP B
2. SHEET PROVIDED FOR PERMITTING. NO WORK REQUIRED BY THIS SHEET

Area A			
Pre-Dev		Post-Dev	
	Acreage		Acreage
Forest Area (ac)	0.68	Forest Area (ac)	0.00
Turf Area (ac)	0.00	Turf Area (ac)	0.46
Imp. Area (ac)	0.01	Imp. Area (ac)	0.28
Total Area (ac)	**0.69**	**Total Area (ac)**	**0.74**
CN	**56**	**CN**	**75**

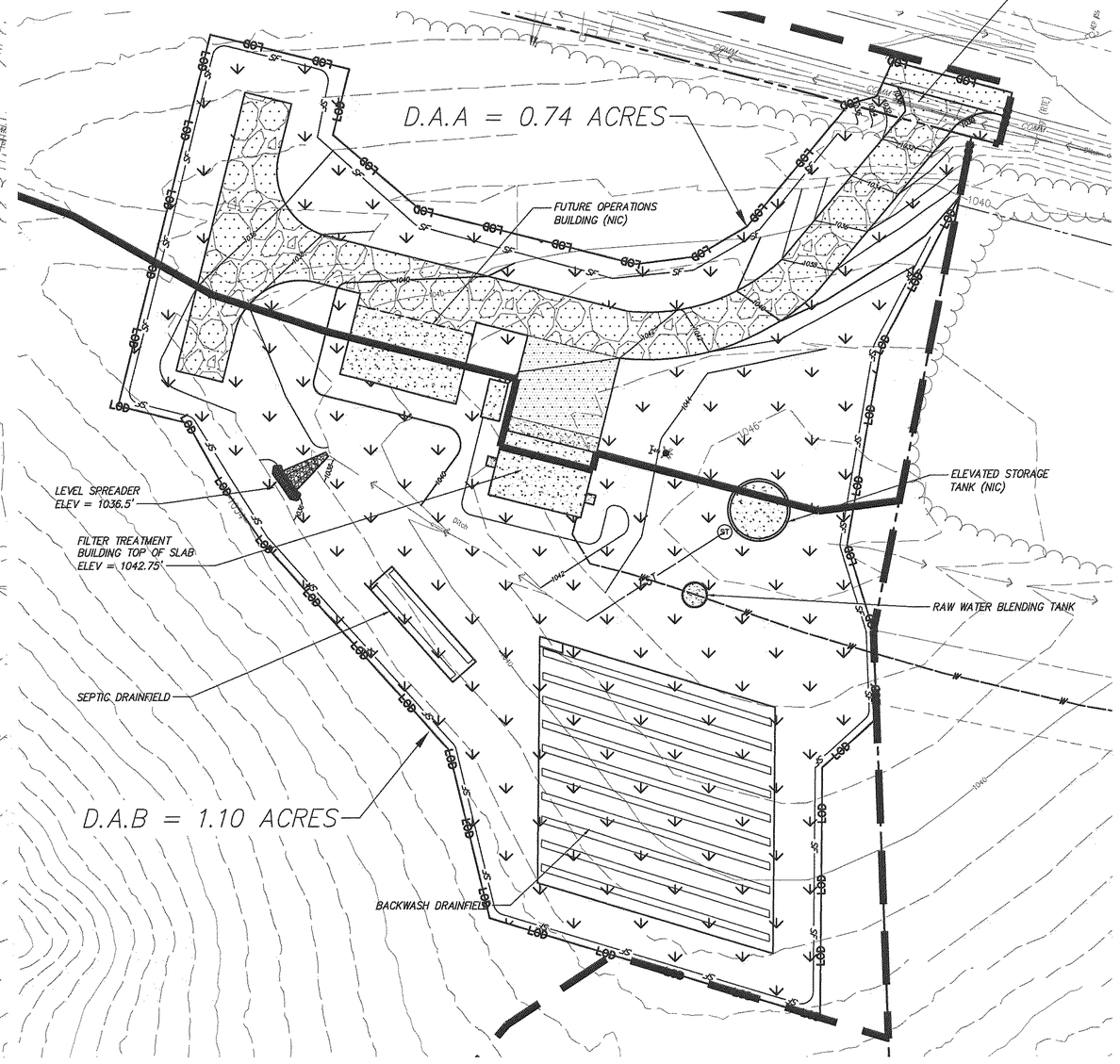
Area B			
Pre-Dev		Post-Dev	
	Acreage		Acreage
Forest Area (ac)	1.15	Forest Area (ac)	0.00
Turf Area (ac)	0.00	Turf Area (ac)	1.03
Imp. Area (ac)	0.00	Imp. Area (ac)	0.07
Total Area (ac)	**1.15**	**Total Area (ac)**	**1.10**
CN	**55**	**CN**	**63**

Total LOD			
Pre-Dev		Post-Dev	
Acreage	1.84	Acreage	1.84
CN	56	CN	69

PRE–DEVELOPMENT



POST–DEVELOPMENT



0 30' 60'
Scale in feet

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WESTERN VIRGINIA WATER AUTHORITY

WESTERN VIRGINIA WATER AUTHORITY

COMMONWEALTH OF VIRGINIA
ERIC T. ANDERSON
Lic. No. 040813
12/16/2022
PROFESSIONAL ENGINEER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SOUTHLAKE WATER SYSTEM

CONTRACT 1: WATER TREATMENT PLANT

CONTRACT 2: WATER MAIN

No.	Submittal / Revision	App'd.	By	Date
0	BID ISSUE		ETA	CDR 12/15/22

DRAINAGE AREAS - QUALITY

Designed By:	Drawn By:	Checked By:
CDR	CDR	ETA
Issue Date:	Project No:	Scale:
12/15/22	073612	1"=30'

Drawing No.:
C-611

File: V:\PROJECTS\ANY\W&V\073612.000\09_DESIGN\DRAWINGS\01_SHEETS\PHASE 2 - PROCESS\73612_C_20X.DWG
Saved: 12/16/2022 9:36:59 AM Plotted: 12/16/2022 10:17:52 AM Current User: Roby, Cynthia LastSavedBy: 7434