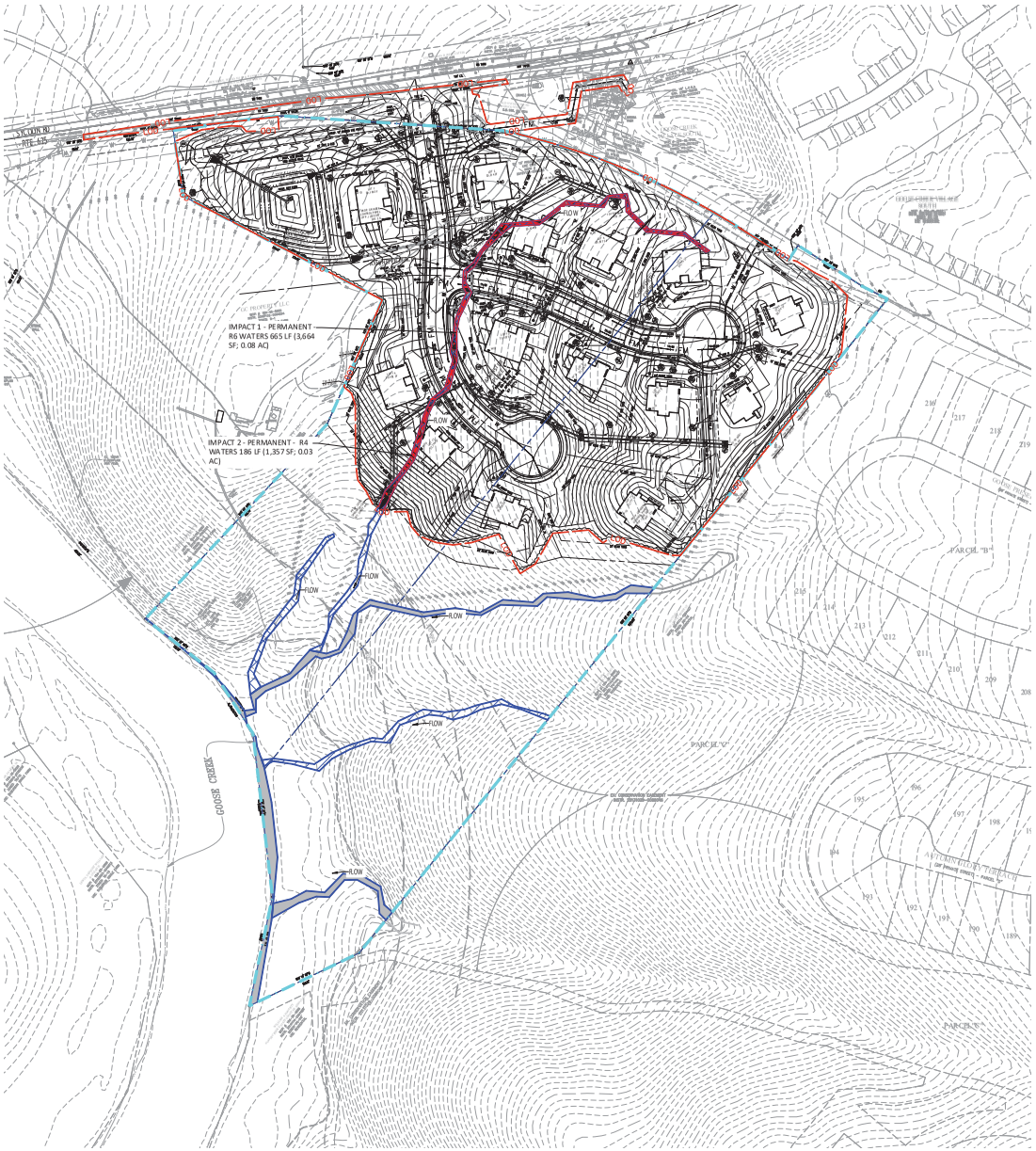

LEGEND

- PERENNIAL WATERS (R3)
- INTERMITTENT WATERS (R4)
- EPHEMERAL WATERS (R6)
- OFFSITE PERENNIAL WATERS OF THE U.S. (R3)
- LCG — LIMITS OF DISTURBANCE
- PERMANENT IMPACTS
- SITE STUDY AREA

NOTES:
1. THE WETLAND DELINEATION WAS CONDUCTED BY TNT ENVIRONMENTAL, INC. IN FEBRUARY 2020, WITH SUPPLEMENTAL DATA OBTAINED IN SEPTEMBER 2021, AND AUGUST 2022. EXISTING AND PROPOSED CONDITIONS AND TOPOGRAPHIC INFORMATION WAS PROVIDED BY J2 ENGINEERS, INC. 2022.

2. THE WETLAND AND OTHER WATERS OF THE U.S. BOUNDARIES DEPICTED HEREON ARE PENDING CONFIRMATION WITH THE US ARMY CORPS OF ENGINEERS (USACE) (NAO-2022-02021).

SUMMARY OF WETLAND AND WATERS IMPACTS

Impact #	Impact Type	Impact Description	Average Stream Flow (cfs)	Drainage Area (Sq. Mi.)	Permanent Impacts			
					R4 (LF)	R4 (AC.)	R6 (LF)	R6 (AC.)
1	General Grade/ Building Contruction	F, NT, PE, R6, NV	<1.0	<0.10	-	-	665	0.08
2	General Grade/ Building Contruction	F, NT, PE, R4, NV	<1.0	<0.10	186	0.03	-	-
	Total				186	0.03	665	0.08

F - Fill; NT - Nontidal; PE - Permanent; R4 - Intermittent; R6 - Ephemeral; NV - Non-vegetated

Total Permanent Impacts to Waters (Linear Feet):	851	LF
Total Permanent Impacts to Waters (Acreage):	0.12	Acres
Total Permanent Impacts to Waters (Square Feet):	5,021	SF

SCALE (IN FEET)
40 80
80 0

ENVIRONMENTAL
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AVONMORE

LOUDOUN COUNTY

OVERALL IMPACTS MAP TO WATERS OF THE U.S.

REVISIONS

DATE	COMMENTS

SHEET 1 OF 1

SCALE: 1" = 80'

PROJECT DATE: 9/30/22

DRAFT: JSM | CHECK: AMS

FILE NUMBER: 1528-A

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