



	PERVIOUS - WOODSTOCK AREA - (INCLUDES SWAMPY) 676.193 SF (15.36 AC)
	PERVIOUS - GRASSY/OPEN AREAS 176.887 SF (3.97 AC)
	PERVIOUS - BASEMENT TO BE MAINTAINED 47,359 SF (1.08 AC)
	IMPERVIOUS AREAS - ROOF 75,000 SF (1.71 AC)
	IMPERVIOUS AREAS - PAVED 10,000 SF (0.22 AC)
	IMPERVIOUS AREAS - GRAVEL 20,000 SF (0.45 AC)
TOTAL = 2.06 ACRES	

	HYPHOSUS - WOODDED AREA 71,085 SF (0.14 AC)	10,855 SF (0.45 AC)
	HYPHOSUS - GRASS/SHRUB AREAS 287,767 SF (6.61 AC)	15,000 SF (0.34 AC)
	HYPHOSUS - FASCEMENT TO BE MAINTAINED 12,033 SF (0.28 AC)	10,000 SF (0.23 AC)
	EXISTING POND 19,855 SF (0.45 AC)	20,000 SF (0.46 AC)
	HYPHOSUS AREAS - ROOF 15,000 SF (0.34 AC)	
	HYPHOSUS AREAS - PAVED 10,000 SF (0.23 AC)	
	HYPHOSUS AREAS - GRAVEL 20,000 SF (0.46 AC)	

[illegible]

FERROUS MONOXYD AREA	FERROUS MONOXYD AREA	FERROUS MONOXYD AREA	FERROUS MONOXYD AREA
49,077 SF (15 AC)	49,077 SF (15 AC)	49,077 SF (15 AC)	49,077 SF (15 AC)
FERROUS GRASS-OPIN/ARABAS	FERROUS GRASS-OPIN/ARABAS	FERROUS GRASS-OPIN/ARABAS	FERROUS GRASS-OPIN/ARABAS
120,000 SF (3.7 AC)	120,000 SF (3.7 AC)	120,000 SF (3.7 AC)	120,000 SF (3.7 AC)
IMPUR/VOUS ARABAS - POOR EXISTING	IMPUR/VOUS ARABAS - POOR EXISTING	IMPUR/VOUS ARABAS - POOR EXISTING	IMPUR/VOUS ARABAS - POOR EXISTING
20,000 SF (0.6 AC)	20,000 SF (0.6 AC)	20,000 SF (0.6 AC)	20,000 SF (0.6 AC)
IMPUR/VOUS ARABAS - PAVED EXISTING	IMPUR/VOUS ARABAS - PAVED EXISTING	IMPUR/VOUS ARABAS - PAVED EXISTING	IMPUR/VOUS ARABAS - PAVED EXISTING
7,500 SF (0.2 AC)	7,500 SF (0.2 AC)	7,500 SF (0.2 AC)	7,500 SF (0.2 AC)
IMPUR/VOUS ARABAS - GRAVEL EXISTING	IMPUR/VOUS ARABAS - GRAVEL EXISTING	IMPUR/VOUS ARABAS - GRAVEL EXISTING	IMPUR/VOUS ARABAS - GRAVEL EXISTING
5,000 SF (0.1 AC)	5,000 SF (0.1 AC)	5,000 SF (0.1 AC)	5,000 SF (0.1 AC)
TOTAL - 4.4 AC TOTAL	TOTAL - 4.4 AC TOTAL	TOTAL - 4.4 AC TOTAL	TOTAL - 4.4 AC TOTAL

	PERVIOUS: WOODED AREA	507,109 SF (20.82 AC)
	PERVIOUS: GRASS/OPEN AREAS	74,509 SF (3.33 AC)
	PERVIOUS: PAVEMENT TO BE MAINTAINED	357,777 SF (8.12 AC)
	EXISTING POND	26,023 SF (0.60 AC)
	IMPERVIOUS AREAS - ROOF & PAVED	95,000 SF (2.18 AC)
	IMPERVIOUS AREAS - GRAVEL DRIVES	10,000 SF (0.23 AC)
TOTAL = 400 ACRES		

LOW IMPACT DEVELOPMENT (LID)			
REGION	TRANSIT - Deep Base Road	GREEN/GROWTH FIELD	OPEN
TYPE OF DEVELOPMENT:	RESIDENTIAL	LOT SIZE	1,073.13M ²
			41.00 ac

[illegible]

ALLOWABLE TOLERANCE RATES:			APR.
CALCULATED RATES	BO	8'	17
DE DEVELOPPEMENT	9.55%	42.50%	47.51%
DES DEVELOPPEMENT	17.80%	86.65%	84.07%
ALLOWABLE RATES	14.55%	32.50%	37.51%
PERMANENT	7.35%	3.91%	5.48%

[illegible]

LAND COVER	PRE		POST	
	AREA (m ²)	PERCENT	AREA (m ²)	PERCENT
ROOF	12,664	0.29	37,500	1.52
PAVED	0	0.00	37,500	0.06
GRASS	6,440	0.15	63,000	1.49
PROTECTED FOREST	1,082,351	25.95	907,128	20.60
MANAGED FOREST / LANDSCAPE	52,811	12.67	788,000	17.31
RESTING SURFACE WATER	26,075	0.63	26,075	0.00

NOTE: THIS AREA IS NOT AN APPROXIMATE DISTURBANCE AND ACTUAL LAND DISTURBANCE MAY INFLUENCE AND REQUIRE SEPARATE LAND DISTURBANCE PERMITS. THIS AREA IS THE APPROXIMATE DISTURBANCE ASSOCIATED IN THE CHANGE OF LAND COVER FOR



February 9, 2026

Mr. Barry Baker
Granville County - Development Services
122 Williamsboro Street
Oxford, NC 27565

Reference: Stormwater Plan Approval
Project Name: Currin Property – Phase 2
Jurisdiction: Granville County
Basin: WS-IV NSW Falls Lake Watershed
Stimmel Project #13-045

Dear Barry:

Stimmel Associates received a transmittal on January 13, 2026 containing stormwater plans and calculations for a project entitled "Currin Property – Phase 2" located at 2641B Brassfield Road in Granville County.. We performed a stormwater review and have determined the project is in compliance with the Water Supply Watershed WS-IV (15A NCAC 02B .0624), Falls Lake Stormwater Rules (15A NCAC 02B .0275 & .0282) and Neuse River Basin Riparian Buffer Rules (15A NCAC 02B .0714) or local stormwater ordinance.

The following comments for additional information are required in order to approve the project under statute or regulation:

Falls Lake Comments (15A NCAC 02B .0275 & .0282)

1. No comments

Neuse River Buffer Comments (15A NCAC 02B .0714)

1. Advisory Note: This property contains 50-foot riparian buffers along each side of the existing stream. Clearing vegetation within 30 feet of the top of stream bank is prohibited. Impervious surfaces are not allowed within the 50-foot buffer. Contact Granville County prior to any land disturbance within the buffer.

Local Ordinance Comments

1. No comments

North Carolina Best Management Practices Manual

1. No comments

Other Comments

1. No land disturbance, development or redevelopment of any kind shall occur until a Stormwater Management Permit is issued regardless if NCDENR – Land Quality has issued an erosion control permit.
2. This plan review is limited to stormwater management and associated site storm drainage systems.

Please give me a call if you have any questions.

Sincerely yours:

A handwritten signature in blue ink, appearing to read 'Kelway Howard', is written over a light blue circular background.

Kelway L. Howard III, P.E.
Stimmel Associates, P.A.
Partner/Senior Project Manager