

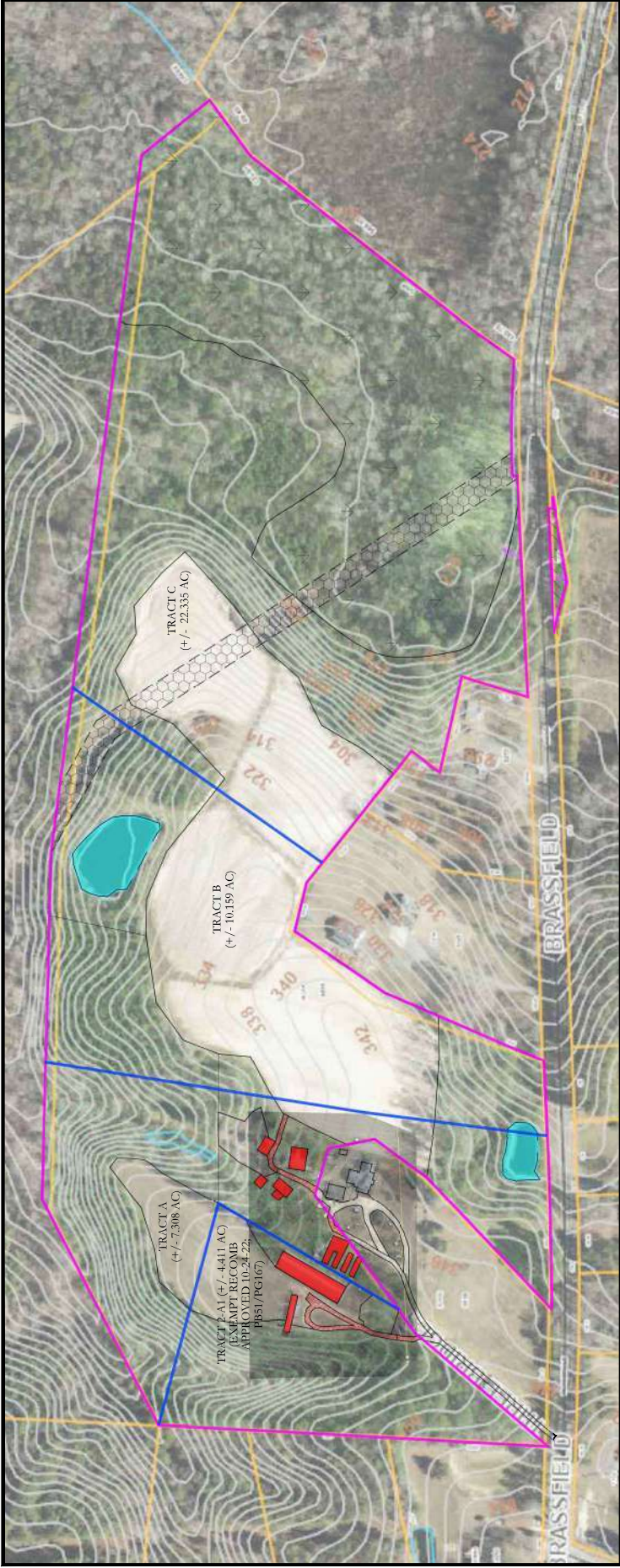
TODD & NATASHA CURRIN
 25419 BRASSFIELD ROAD
 CARRINGTON, NC 27523
 919.761.4244
 todd@toddandnatasha.com

C3 DESIGN & ENGINEERING, P.L.L.C.
 320 E LYNN STATION RD STE 102/PHYSICAL
 CRENSHAW, NC 27522-0351



NO.	REVISIONS
1	POST ISSUED
2	
3	
4	
5	
6	

COMMON PLAN OF DEVELOPMENT PLAN
 CURRIN STORMWATER PH2
 25419 BRASSFIELD ROAD, CARRINGTON, NC 27523
 LAND DEVELOPMENT
 POST-DEVELOPMENT
 PROJECT NO. PH2
 REVIEW PROJECT NO. XX-XXXX
 SHEET NO. C-11



TOTAL LAND COVERS TRACT A:

IMPROVED AREAS (INCLUDES DRIVE)	14,141 SF (0.32 AC)
PREVIOUS - GRASS/OPEN AREAS	2,000 SF (0.05 AC)
ROADS	1,000 SF (0.02 AC)
IMPROVED AREAS - ROOF	1,238 SF (0.03 AC)
IMPROVED AREAS - GRAVEL DRIVE	1,238 SF (0.03 AC)
TOTAL - TRACT A	29,617 SF (0.67 AC)

TOTAL LAND COVERS TRACT B:

IMPROVED AREAS (INCLUDES DRIVE)	7,000 SF (0.16 AC)
PREVIOUS - GRASS/OPEN AREAS	1,000 SF (0.02 AC)
ROADS	1,000 SF (0.02 AC)
IMPROVED AREAS - ROOF	1,238 SF (0.03 AC)
IMPROVED AREAS - GRAVEL DRIVE	1,238 SF (0.03 AC)
TOTAL - TRACT B	11,476 SF (0.26 AC)

TOTAL LAND COVERS TRACT C:

IMPROVED AREAS (INCLUDES DRIVE)	10,000 SF (0.23 AC)
PREVIOUS - GRASS/OPEN AREAS	1,000 SF (0.02 AC)
ROADS	1,000 SF (0.02 AC)
IMPROVED AREAS - ROOF	1,238 SF (0.03 AC)
IMPROVED AREAS - GRAVEL DRIVE	1,238 SF (0.03 AC)
TOTAL - TRACT C	14,476 SF (0.33 AC)

TOTALS USED FOR CURRENT LID CALCS (EXISTING AS OF 2010 AERIALS + PROPOSED)

IMPROVED AREAS (INCLUDES DRIVE)	35,617 SF (0.81 AC)
PREVIOUS - GRASS/OPEN AREAS	4,000 SF (0.09 AC)
ROADS	3,000 SF (0.07 AC)
IMPROVED AREAS - ROOF	3,706 SF (0.08 AC)
IMPROVED AREAS - GRAVEL DRIVE	3,706 SF (0.08 AC)
TOTAL - TRACTS	49,329 SF (1.13 AC)

LOW IMPACT DEVELOPMENT (LID)

TYPE OF RETENTION	THICKNESS	DEEP FLOW RATE	RETENTION/STORAGE	DEPTH	AREA
ROOF	0.075	0.000	0.000	0.000	4,141
PAVED	0.075	0.000	0.000	0.000	1,238
IMPROVED PAVEMENT	0.075	0.000	0.000	0.000	1,238
GRAVEL DRIVE	0.075	0.000	0.000	0.000	1,238
GRAVEL DRIVE	0.075	0.000	0.000	0.000	1,238
TOTAL					9,653

LAND COVER

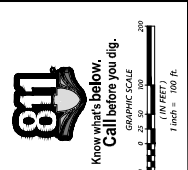
LAND COVER	PRE	POST
ROOF	12,646	22,540
PAVED	0	2,476
IMPROVED PAVEMENT	0	2,476
GRAVEL DRIVE	0	2,476
GRAVEL DRIVE	0	2,476
TOTAL	12,646	30,168

LIQUID NUTRIENT EXPORT SUMMARY

Area (All Landovers Types) (Acres)	Total Area (Gross Dist) (Acres)	Project Area (Gross Dist) (Acres)	Project Area (Net Dist) (Acres)
43.0012	43.0012	43.0012	43.0012
7%	3.0101	3.0101	3.0101
10%	4.3001	4.3001	4.3001
15%	6.4502	6.4502	6.4502
20%	8.6003	8.6003	8.6003
25%	10.7504	10.7504	10.7504
30%	12.9005	12.9005	12.9005
35%	15.0506	15.0506	15.0506
40%	17.2007	17.2007	17.2007
45%	19.3508	19.3508	19.3508
50%	21.5009	21.5009	21.5009
55%	23.6510	23.6510	23.6510
60%	25.8011	25.8011	25.8011
65%	27.9512	27.9512	27.9512
70%	30.1013	30.1013	30.1013
75%	32.2514	32.2514	32.2514
80%	34.4015	34.4015	34.4015
85%	36.5516	36.5516	36.5516
90%	38.7017	38.7017	38.7017
95%	40.8518	40.8518	40.8518
100%	43.0019	43.0019	43.0019

LIQUID NUTRIENT EXPORT SUMMARY (CONTINUED)

Area (All Landovers Types) (Acres)	Total Area (Gross Dist) (Acres)	Project Area (Gross Dist) (Acres)	Project Area (Net Dist) (Acres)
43.0012	43.0012	43.0012	43.0012
7%	3.0101	3.0101	3.0101
10%	4.3001	4.3001	4.3001
15%	6.4502	6.4502	6.4502
20%	8.6003	8.6003	8.6003
25%	10.7504	10.7504	10.7504
30%	12.9005	12.9005	12.9005
35%	15.0506	15.0506	15.0506
40%	17.2007	17.2007	17.2007
45%	19.3508	19.3508	19.3508
50%	21.5009	21.5009	21.5009
55%	23.6510	23.6510	23.6510
60%	25.8011	25.8011	25.8011
65%	27.9512	27.9512	27.9512
70%	30.1013	30.1013	30.1013
75%	32.2514	32.2514	32.2514
80%	34.4015	34.4015	34.4015
85%	36.5516	36.5516	36.5516
90%	38.7017	38.7017	38.7017
95%	40.8518	40.8518	40.8518
100%	43.0019	43.0019	43.0019



811
 Know what's below.
 Call before you dig.
 GRAPHIC SCALE
 (IN FEET)
 1 Inch = 100 Ft.

LIQUID NUTRIENT EXPORT SUMMARY (CONTINUED)

Area (All Landovers Types) (Acres)	Total Area (Gross Dist) (Acres)	Project Area (Gross Dist) (Acres)	Project Area (Net Dist) (Acres)
43.0012	43.0012	43.0012	43.0012
7%	3.0101	3.0101	3.0101
10%	4.3001	4.3001	4.3001
15%	6.4502	6.4502	6.4502
20%	8.6003	8.6003	8.6003
25%	10.7504	10.7504	10.7504
30%	12.9005	12.9005	12.9005
35%	15.0506	15.0506	15.0506
40%	17.2007	17.2007	17.2007
45%	19.3508	19.3508	19.3508
50%	21.5009	21.5009	21.5009
55%	23.6510	23.6510	23.6510
60%	25.8011	25.8011	25.8011
65%	27.9512	27.9512	27.9512
70%	30.1013	30.1013	30.1013
75%	32.2514	32.2514	32.2514
80%	34.4015	34.4015	34.4015
85%	36.5516	36.5516	36.5516
90%	38.7017	38.7017	38.7017
95%	40.8518	40.8518	40.8518
100%	43.0019	43.0019	43.0019

LIQUID NUTRIENT EXPORT SUMMARY (CONTINUED)

Area (All Landovers Types) (Acres)	Total Area (Gross Dist) (Acres)	Project Area (Gross Dist) (Acres)	Project Area (Net Dist) (Acres)
43.0012	43.0012	43.0012	43.0012
7%	3.0101	3.0101	3.0101
10%	4.3001	4.3001	4.3001
15%	6.4502	6.4502	6.4502
20%	8.6003	8.6003	8.6003
25%	10.7504	10.7504	10.7504
30%	12.9005	12.9005	12.9005
35%	15.0506	15.0506	15.0506
40%	17.2007	17.2007	17.2007
45%	19.3508	19.3508	19.3508
50%	21.5009	21.5009	21.5009
55%	23.6510	23.6510	23.6510
60%	25.8011	25.8011	25.8011
65%	27.9512	27.9512	27.9512
70%	30.1013	30.1013	30.1013
75%	32.2514	32.2514	32.2514
80%	34.4015	34.4015	34.4015
85%	36.5516	36.5516	36.5516
90%	38.7017	38.7017	38.7017
95%	40.8518	40.8518	40.8518
100%	43.0019	43.0019	43.0019

NOTE: THIS AREA IS NOT AN APPROVED LAND DEVELOPMENT AND ACTUAL LAND DEVELOPMENT AND FINISH AREAS SHOULD BE DETERMINED AND APPROVED BY THE LOCAL GOVERNMENT. THIS DOCUMENT IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A CONTRACT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT.



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:

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