City of Graham City Council Meeting Agenda July 11, 2023 6:00 p.m.



CALL TO ORDER: Mayor Jennifer Talley

INVOCATION & PLEDGE OF ALLEGIANCE

CONSENT AGENDA:

- **a.** To approve the minutes from June 13, 2023, City Council meeting.
- b. To adopt a Resolution accepting the American Rescue Plan (ARP) offer of \$400,000 and to approve an Engineering Contract with Alley, Williams, Carmen & King, Inc., in the amount of \$400,000, to provide engineering and administration services for the City's Asset Inventory and Assessments Grant from NCDEQ-Division of Water Infrastructure and to assist the City with evaluating the drinking water distribution system for compliance with the Lead and Copper Rule Revision.
- **c.** To adopt a resolution authorizing the adoption and maintenance of the portions of Sunfield Drive, Lacy Holt Road, and Kress Drive located within Sections 3 & 4 of the Forks of Alamance subdivision.
- **d.** To adopt a resolution authorizing the adoption and maintenance of the portions of Mackenna Drive, Whelen Drive, and Cullens Drive located within Phase 2 & 3 of the Shamrock Valley subdivision.

PUBLIC HEARINGS:

1. SPECIAL USE PERMIT – 0 EAST INTERSTATE SERVICE ROAD

City Council will consider a request for a Special Use Permit for Trucking or Freight Terminal, Storage, Repair, Wash, or Stop for property located at 0 E Interstate Service Road. The site is approximately 5.547 acres. (Continued from June 13, 2023, City Council meeting.) (Planning Board recommended approval by a vote of 3-2.)

2. <u>REZONING – 53.904 ACRES - 0 SOUTH NC 87 HWY – PHASE 4 – ROGERS SPRINGS HOMES</u>

City Council will consider a request to rezone 53.904 acres located at 0 South NC 87 Hwy from R-18, Low-Density Residential, to R-9, High-Density Residential, for the purpose of extending the fourth phase of Rogers Springs Homes. (Continued from the May 9, 2023, and June 13, 2023, City Council meetings.) (Planning Board recommended denial of the rezoning by a vote of 4-1.)

3. ANNEXATION – 53.904 ACRES – LOCATED OFF MAYFIELD DRIVE – (AN2301)

City Council will consider approval of an Annexation Ordinance to extend the corporate limits of the City of Graham for a tract of land totaling 53.904 acres located off Mayfield Drive. (Continued from the May 9, 2023, and June 13, 2023, City Council meetings.) (Planning Board recommended denial by a vote of 4-1.)

4. REZONING – 0 KIMREY ROAD – 68.791 ACRES – UN-ZONED TO I-1, LIGHT INDUSTRIAL

City Council will consider a request to rezone 68.791 acres located at 0 Kimrey Road from Un-zoned to I-1, Light Industrial for the purpose of developing an industrial site in the future. (Continued from June 13, 2023, City Council meeting.) (Planning Board recommended denial of the rezoning 6-0.)

5. ANNEXATION – 68.791 ACRES – OFF KIMREY ROAD – (AN2303)

City Council will consider approval of an Annexation Ordinance to extend the corporate limits to the City of Graham for a tract of land totaling 68.791 acres located off Kimrey Road. (Continued from June 13, 2023, City Council meeting.)

6. ANNEXATION – 57.106 ACRES – OFF LITTLE CREEK DRIVE – (AN2305)

City Council will consider approval of an Annexation Ordinance to extend the corporate limits to the City of Graham for a tract of land totaling 57.106 acres located off Little Creek Drive.

NEW BUSINESS:

7. BOARDS AND COMMISSION APPOINTMENTS

City Council will consider the following appointments to the City's Boards and Commissions:

ABC Board – Graham Appointee

Robert Sykes – Request Reappointment

Appearance Commission/Tree Board:

Judy Hall – Request Reappointment Cheryl Ray – Request Reappointment

Graham Historical Museum Board

Chuck Talley - Request Reappointment
Jeanette Beaudry - Request Reappointment

Applicant: James Mullen

Graham Housing Authority

Evelyn Graves-Curtis - Request Reappointment

Applicants: Robert Sykes, Lisa Kyle Moser

Historic Resources Commission

Jeanette Beaudry – Request Reappointment

Three Vacancies

Applicant: Eddie Mercer, Terry Correira

Planning Board/Board of Adjustment

John Wooten – Request Reappointment Eric Crissman – Request Reappointment Charles Huffine (Extra-Territorial) – Request Recommendation to Alamance County

Applicants: Jeanette Beaudry, Terry Correira, James Mullen, James Stockert

Recreation Commission

Casey Johnson - Request Reappointment Brian Cutlip - Request Reappointment Carmen Larimore - Request Reappointment

Applicant – Benjamin Beushausen, Patrick Burnette

PUBLIC COMMENT PERIOD

CITY STAFF COMMENTS

CITY COUNCIL COMMENTS

ADJOURN

City of Graham City Council Meeting Minutes June 13, 2023



The City Council of the City of Graham held a regularly scheduled meeting at 6:00 p.m. on June 13, 2023, in the Council Chamber, City Hall Municipal Building located at 201 South Main Street, Graham, NC.

Council Members Present:

Mayor Jennifer Talley Mayor Pro Tem Ricky Hall Council Member Bobby Chin Council Member Joey Parsons Council Member Bonnie Whitaker

Staff Present:

Megan Garner, City Manager Aaron Holland, Assistant City Manager Bryan Coleman, City Attorney Renee Ward, City Clerk Melanie King, Finance Officer

CALL TO ORDER:

Mayor Jennifer Talley called the meeting to order at 6:00 p.m. and presided.

INVOCATION & PLEDGE OF ALLEGIANCE

Council Member Parsons gave the invocation and all stood for the Pledge of Allegiance.

SPECIAL PRESENTATIONS AND RECOGNITIONS:

Council recognized Graham Recreation and Parks 2022 9/11 Commemorative 5k Proceeds and First Responders Team Cup Trophy for the following:

- Donation to Children of Fallen Heroes
- Trophy Presentation to Graham Fire Department





Graham Recreation - Titans 12U - Soccer League Champions - Coaches Chris Croniser and Josh Roberts



CONSENT AGENDA:

- **a.** To approve the minutes from May 9, 2023, City Council meeting and May 23, 2023, City Council Special meeting.
- **b.** To approve the updated contract with Ward & Coleman Attorneys at Law for City attorney services.
- c. To set a date of public hearing for July 11, 2023, to consider extending the corporate limits to the City of Graham for a tract of land totaling 57.106-acres off Little Creek Drive and to direct the City Clerk to investigate the sufficiency of the petition. (AN2305)

RESOLUTION FIXING DATE OF JULY 11, 2023, FOR A PUBLIC HEARING ON QUESTION OF CONTIGUOUS ANNEXATION PURSUANT TO G.S. 160A-31 FOR 57.106 +/- ACRES OFF LITTLE CREEK DRIVE (AN2305)

WHEREAS, a petition requesting annexation of the contiguous area described herein has been received; and

WHEREAS, certification by the City Clerk as to the sufficiency of the petition has been made.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Graham, North Carolina that:

Section 1. A public hearing on the question of the annexation of the area described herein will be held at the City Hall, 201 S. Main Street, Graham, NC, at 6:00 pm on July 11, 2023.

Section 2. The area proposed for annexation is described as follows:

Legal Description GPIN#: 8883100157

All that certain piece, parcel or tract of land, lying and being 1n the Graham Township, Alamance County, North Carolina, and being more particularly described as follows:

BEGINNING at an existing iron pipe, the southeastern comer of now or formerly, Hayden A Garrison & Kensley B. Garrison (DB 3761, PG 735); thence South 19° 54' 27" West 666.26 feet to an existing iron pipe, at or near the eastern boundary of a 25 foot sanitary sewer easement recorded at Book 324, Page 413, Office of the Register of Deeds of Alamance County; thence South 51 ° 49' 09" East 50.13 feet to a computed point; thence South 61 ° 42' 36" East 93.11 feet to a computed point; thence along Little Alamance Creek the following 27 courses and distances, each to a computed point: 1) South 60° 06' 25" East 188.93 feet; 2) South 30° 00' 02" East 79.30 feet; 3) South 02° 21' 39" West 191.36 feet; 4) South 23° 40' 02" East 109.17 feet; 5) South 14° 12' 45" West 108.87 feet; 6) North 82° 26' 1 O" West 100.90 feet; 7) South 82° 30' 41" West 117.12 feet; 8) North 87° 46' 34" West 167.55 feet; 9) South 69° 21' 20" West 83.34 feet; 10) South 31° 36' 40" West 189.75 feet; 11) South 34° 39' 52" West 188.97 feet; 12) North 90° 00' 00" West 60.66 feet; 13)North 47° 01' 40" West 147.53 feet; 14)North 23° 22' 54" West 127.33 feet; 15)North 54° 46′ 32"West 194.34feet; 16) N□rth 13° 11′45"West 193.8lfeet; 17) North 55° 33' 11" West 103.32 feet; 18) North 41 ° 53' 30" West 283.45 feet; 19) North 83° 44' 52" West 162.21 feet; 20) North 26° 50' 17" West 134.77 feet; 21) North 23° 55' 24" East 53.43 feet; 22) North 62° 54' 57" East 298.65 feet; 23) North 85° 02' 23" East 107.14 feet; 24) North 09° 55' 39" East 114.30 feet; 25) North 31° 28' 45" West 231.97 feet; 26) North 70° 03' 06" West 308.83 feet; and 27) North 84° 43' 47" West 401.49 feet; thence North 36° 51' 38" West 125.55 feet to a computed point; thence South 79° 21' 13" West 74.95 feet to a computed point; thence North 07° 25' 43" West 48.54 feet to an existing iron pipe; thence North 83° 21' 41" East 90.17 feet to an existing iron pipe; thence South 42° 49′ 56″ East 125.75 feet to an existing iron pipe (bent); thence South 84° 49' 14" East 482.12 feet to an existing iron pipe (bent); thence North 05° 17' 42" West 407 .29 feet to an existing iron rod at or near the northern margin of the right of way of Little Creek Drive; thence along the northern margin of the right-of-way of Little Creek Drive, a curve to the left, having a radius of 1,445.13 feet and arc length of 100.02 feet and a chord bearing and distance of South 86° 43' 19" West 100.00 feet to a nail; thence South 84° 45' 13" West 46.39 feet to an existing iron pipe; thence North 11 ° 06' 59" East 180.84 feet to an existing iron pipe; thence North 85° 34' 12" East 138.56 feet to an existing iron pipe at or near the western margin of the right of way of Hanson Lane; thence North 82° 48' 27" East 877.07 feet to an existing iron pipe (bent); thence North 30° 40′ 55″ East 189.44 feet to an existing iron rod; thence South 73° 55' 23" East 245.98 feet to an existing iron pipe; thence South 06° 57' 15" East 339.68 feet to an existing iron pipe; thence South 19° 33′ 01″ East 154.14 feet to an existing iron pipe; thence South 11 ° 30' 36" West 260.38 feet to an existing iron pipe; thence South 78° 24' 57" East 146.88 feet to the point and place of BEGINNING, having an area of 57.106 acres, more or less, as shown on that certain Boundary Survey for Windsor Investments, LLC, Shoffner Tract 2, dated March 24, 2021 and prepared by Borum, Wade & Associates, P.A.

Adopted this 13th day of June 2023.

RESOLUTION DIRECTING THE CLERK TO INVESTIGATE A PETITION RECEIVED UNDER G.S. 60A-31 - (GPIN: 8883100157) (AN2305)

WHEREAS, a petition requesting annexation of an area described in said petition was received on

June 13th, 2023, by the Graham City Council; and

WHEREAS, G.S. 160A-31 provides that the sufficiency of the petition shall be investigated by the City Clerk before further annexation proceedings may take place; and

WHEREAS, the City Council of the City of Graham deems it advisable to proceed in response to this request for annexation.

NOW, THEREFORE BE IT RESOLVED, by the City Council of the City of Graham: That the City Clerk is hereby directed to investigate the sufficiency of the above-described petition and to certify as soon as possible to the City Council the result of her investigation.

- **d.** To approve a special events application for the 3rd Annual Esperanza Hispanic Festival on Saturday, September 30, 2023, and to close the 100 block of West Elm Street from 11:00 am to 8:00 pm. (Amended street closure request to change the time to 1:00 pm to 10:00 pm which includes set-up and clean-up)
- e. To approve a date change for the 9/11 Commemorative 5K event to be held on Saturday, September 16, 2023, and to approve the following street closures: northbound lane of Maple Street from McAden Street to Pine Street, McAden Street from South Main Street to Maple Street, a southbound lane of South Main Street from Pine Street to McAden Street, Pine Street from South Main Street to Maple Street from 6:00 a.m. to 12:00 p.m.
- **f.** To approve a budget project ordinance in the amount of \$500,000, for the Boyd Creek Watershed point repair.

CAPITAL PROJECT ORDINANCE BOYD CREEK WATERSHED POINT REPAIR

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAHAM, NORTH CAROLINA, that pursuant to Section 13.2, Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby adopted:

2	Section I	\cdot The	: Project	authorized	1 18 B	oyd (Creek	W	aters	hed	Point	Rε	epair.	

Section 2. The officials of the City of Graham are hereby directed to proceed with this project within the terms of the project. Staff is authorized to execute change orders within the budget ordinance.

Section 3. The following revenues are anticipated to be available to the City to complete the project:

Proceeds from Retained Earnings \$ 500,000

TOTAL \$ 500,000

Section 4. The following amounts are appropriated for this project:

Professional Services \$ 500,000

TOTAL \$ 500,000

Section 5. The Finance Director shall report on the financial status of this project as directed by the City Council and will inform the Council of any unusual occurrences.

- Section 6. Copies of this project ordinance shall be made available to the City Manager and the Finance Director for direction in carrying out this project.
- Section 7. This ordinance shall take effect upon passage.

This the 13th day of June 2023.

g. To approve a budget project ordinance in the amount of \$904,860, for the Long & Albright Water and Sewer improvements.

CAPITAL PROJECT ORDINANCE LONG & ALBRIGHT IMPROVEMENTS PROJECT

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAHAM, NORTH CAROLINA, that pursuant to Section 13.2, Chapter 159 of the General Statutes of North Carolina, the following Capital Project Ordinance is hereby adopted:

- Section 1. The Project authorized is Long & Albright Improvements Project.
- Section 2. The officials of the City of Graham are hereby directed to proceed with this project within the terms of the project. Staff is authorized to execute change orders within the budget ordinance.
- Section 3. The following revenues are anticipated to be available to the City to complete the project:

Proceeds from Retained Earnings – Water/Sewer	\$ 749,340
Proceeds from Retained Earnings – General Fund	\$ 155,520
TOTAL	\$ 904,860

Section 4. The following amounts are appropriated for this project:

Professional Services		\$ 904,860
	TOTAL	\$ 904,860

- Section 5. The Finance Director shall report on the financial status of this project as directed by the City Council and will inform the Council of any unusual occurrences.
- Section 6. Copies of this project ordinance shall be made available to the City Manager and the Finance Director for direction in carrying out this project.
- Section 7. This ordinance shall take effect upon passage.
 - **h.** To approve the following fiscal year-end 2022-2023 Budget Amendment Ordinance for the Garage, Water and Sewer, and General Funds:

CITY OF GRAHAM

BUDGET AMENDMENT ORDINANCE 2022-2023

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAHAM THAT THE 2022 - 2023 BUDGET ORDINANCE SHALL BE AND IS HEREBY AMENDED AS FOLLOWS:

Section 1.					
GARAGE FUND					INCREASE
DEPARTMENT/ACCOUNT	APPROVED	AMENDED	INCREASE	(DECREASE)	(DECREASE)
City Courses Releasing	121 000 00	424,000,00	2 000 00		2 000 00
City Garage - Salaries	131,900.00	134,900.00	3,000.00		3,000.00
City Garage - Inventory Fuel Purchases	540,000.00 671,900.00	570,000.00 704,900.00	30,000.00 33,000.00		30,000.00 33,000.00
	671,900.00	704,900.00	33,000.00		33,000.00
Section 2.					
GARAGE FUND					INCREASE
REVENUES	APPROVED	AMENDED	INCREASE	(DECREASE)	(DECREASE)
Freed Balance		22 000 00	22 000 00		
Fund Balance		33,000.00 33,000.00	33,000.00 33,000.00		22 000 00
		33,000.00	33,000.00	-	33,000.00
Section 1. WATER AND SEWER FUND					INCREASE
	ADDROVED.	ANACHIDED	INCREASE	(DECDEAGE)	
DEPARTMENT/ACCOUNT	APPROVED	AMENDED	INCREASE	(DECREASE)	(DECREASE)
Non Dept Admin - Group Insurance	87,000.00	97,000.00	10,000.00		10,000.00
Water & Sewer Distribution - Salaries	458,300.00	448,300.00		(10,000.00)	(10,000.00)
	545,300.00	545,300.00	10,000.00	(10,000.00)	-
Section 1.					
					INCREASE
GENERAL FUND DEPARTMENT/ACCOUNT	APPROVED	AMENDED	INCREASE	(DECREASE)	(DECREASE)
DEPARTMENT/ACCOONT	APPROVED	AIVIENDED	INCREASE	(DECREASE)	(DECREASE)
Inspections P/Z - Salaries	356,700.00	361,700.00	5,000.00		5,000.00
Warehouse - Salaries	61,200.00	63,200.00	2,000.00		2,000.00
Property Maintenance - Salaries	396,800.00	411,800.00	15,000.00		15,000.00
Property Maintenance - Fuel	25,000.00	45,000.00	20,000.00		20,000.00
Finance - Software Maintenance & Changes	40,000.00	55,000.00	15,000.00		15,000.00
Police - Salaries	3,391,000.00	3,334,000.00		(57,000.00)	(57,000.00)
	3,431,000.00	3,389,000.00	57,000.00	(57,000.00)	-

Adopted this 13th day of June 2023.

Mayor Pro Tem Hall motioned to approve the consent agenda, seconded by Council Member Chin. The motion passed unanimously.

PUBLIC HEARINGS:

<u>ITEM 1: REZONING – 0 SOUTH NC 87 HWY – PHASE 4 – ROGERS SPRINGS HOMES</u>

City Council considered a request to rezone 53.904 acres located at 0 South NC 87 Hwy from R-18, Low-Density Residential, to R-9, High-Density Residential, for the purpose of extending the fourth phase of Rogers Springs Homes. (Continued from the May 9, 2023, City Council meeting) (Planning Board recommends denial of the rezoning by a vote of 4-1) (Petitioner request to table to July 11, 2023, City Council Meeting)

Mayor Pro Tem Hall motioned to table the rezoning to July 11, 2023, City Council meeting, seconded by Council Member Whitaker. The motion passed unanimously.

ITEM 2: ANNEXATION – 53.904 ACRES – LOCATED OFF MAYFIELD DRIVE – (AN2301)

City Council considered approval of an Annexation Ordinance to extend the corporate limits of the City of Graham for a tract of land totaling 53.904 acres located off Mayfield Drive. (Continued from the May 9, 2023, City Council meeting) (Planning Board recommends denial by a vote of 4-1) (Petitioner request to table to July 11, 2023, City Council Meeting)

Mayor Pro Tem Hall motioned to table the rezoning to July 11, 2023, City Council meeting, seconded by Council Member Parsons. The motion passed unanimously.

ITEM 3: SPECIAL USE PERMIT – 0 EAST INTERSTATE SERVICE ROAD

City Council considered a request for a Special Use Permit for Trucking or Freight Terminal, Storage, Repair, Wash, or Stop for property located at 0 E Interstate Service Road. The site is approximately 5.547 acres.

Mr. Matt Wall, Attorney, 3453 Forestdale Drive, Burlington, stated there were potential conflicts realized today that meant some of the witnesses would not be available. He stated due to this being a quasi-judicial hearing, those witnesses would need to be present and available to answer questions. He asked Council to continue to the July 11, 2023, City Council meeting.

Mayor Pro Tem Hall motioned to table the special use permit request for July 11, 2023, City Council meeting, seconded by Council Member Whitaker. The motion passed unanimously.

<u>ITEM 4: REZONING – 0 KIMREY ROAD – 68.791 ACRES – UN-ZONED TO I-1, LIGHT INDUSTRIAL</u>

City Council considered a request to rezone 68.791 acres located at 0 Kimrey Road from Un-zoned to I-1, Light Industrial for the purpose of developing an industrial site in the future. (Planning Board recommended denial of the rezoning 6-0) (Petitioner requests to table to July 11, 2023, City Council Meeting)

Mayor Pro Tem Hall motioned to table the rezoning to July 11, 2023, City Council meeting, seconded by Council Member Chin. The motion passed unanimously.

ITEM 5: ANNEXATION – 68.791 ACRES – OFF KIMREY ROAD – (AN2303)

City Council considered approval of an Annexation Ordinance to extend the corporate limits to the City of Graham for a tract of land totaling 68.791 acres located off Kimrey Road. (Petitioner requests to table to July 11, 2023, City Council Meeting)

Mayor Pro Tem Hall motioned to table the rezoning to July 11, 2023, City Council meeting, seconded by Council Member Whitaker. The motion passed unanimously.

ITEM 6: ANNEXATION – 38.93 ACRES – OFF CHERRY LANE – (AN2304)

City Council considered approval of an Annexation Ordinance to extend the corporate limits to the City of Graham for a tract of land totaling 38.93 acres located off Cherry Lane.

Assistant City Manager Aaron Holland stated the area being considered for annexation was located off Cherry Lane and contained approximately 38.93 acres. He stated water and sewer were located near the property along Cherry Lane, and the applicants wished to tie onto the City's infrastructure. He stated new industrial development generally creates positive tax revenue for the City, and because the public services are being connected at this site, the cost to the City would be minimal.

The public hearing was opened and the following spoke:

Amanda Hodierne, Attorney, 804 Green Valley Road, Suite 200, Greensboro, stated she was present to answer any questions, and this particular parcel had been zoned in Graham's jurisdiction for quite some time. She stated the development plan had come through the TRC process pursuant to the City's regulatory landscape and was seeking annexation as the final piece of the development proposal.

Tom Boney, Alamance News, 114 West Elm Street, inquired about the zoning on a portion of the property requesting to be annexed.

Assistant City Manager Holland stated it was zoned R-18.

Motion by Council Member Whitaker to close the public hearing, seconded by Mayor Pro Tem Hall. The motion passed unanimously.

Mayor Pro Tem Hall motioned to approve the annexation ordinance, seconded by Council Member Whitaker. The motion passed unanimously.

ANNEXATION ORDINANCE TO EXTEND THE CORPORATE LIMITS OF THE CITY OF GRAHAM, NORTH CAROLINA

FOR 29.83 ACRES AND 9.10 ACRES TRACTS OF LAND OFF OF CHERRY LANE (AN2304)

WHEREAS, the Graham City Council has been petitioned under G.S. 160A-31 to annex the area described below; and

WHEREAS, the Graham City Council has by resolution directed the City Clerk to investigate the sufficiency of the petition; and

WHEREAS, the City Clerk has certified the sufficiency of the petition, and a public hearing on the question of this annexation was held at City Hall, 201 South Main Street, Graham at 6:00 P.M. on June 13th, 2023, after due notice by publication on June 1st, 2023; and

WHEREAS, the Graham City Council finds that the petition meets the requirements of G.S. 160A-31.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Graham, North Carolina that:

Section 1. By virtue of the authority granted by G.S. 160A-31, the following described territory is hereby annexed and made part of the City of Graham as of June 13th, 2023:

Legal Description GPIN#: 8893686572

Parcel ID: 152443

Lying and being in Melville Township, Alamance County, North Carolina and adjoining the lands of Intersect Greensboro II, LLC., Carl A. Westman, Mill Creek, Meritage Homes of the Carolinas, Inc., and the southern margin of Cherry Lane (S.R. 2123) and more particularly described;

Beginning at an existing iron pipe located on a curve on the southern margin of Cherry Lane, a corner with Intersect Greensboro II, LLC. and being S 68°20'17" W, 7.20 feet from an existing iron on the southern margin of Cherry Lane marking the end of the curve of the southern margin of Cherry Lane, thence from the beginning along and with the property of Intersect Greensboro II, LLC., S 59°34'52" E, 394.99 feet to an existing iron pipe, a corner with Intersect Greensboro II, LLC., thence along and with the property of Intersect Greensboro II, LLC., N 62°09'17" E, 312.09 feet to an existing iron pipe, a common corner with Intersect Greensboro II, LLC. and Carl A. Westman, thence along and with the property of Carl A. Westman S 12°51'22" E, 1113.79 feet to a point in the centerline of Mill Creek, thence along the centerline of Mill Creek the following courses and distances; N 44°46'03" W, 20.56 feet; N 72°01'11" W, 13.16 feet; S 85°54'03" W, 16.36 feet; S 59°02'44" W, 30.85 feet; S 85°26'22" W, 19.93 feet; N 69°54'55" W, 36.19 feet; S 88°54'44" W, 18.85 feet; S 73°37'07" W, 25.52 feet; S 80°51'08" W, 18.55 feet; S 59°22'45"W, 13.40 feet; S 78°06'13" W, 21.71 feet; S 61°25'55" W, 36.57 feet; S 77°03'28" W, 56.09 feet; S 72°57'14" W, 124.21 feet, S 63°48'37" W, 24.32 feet; S 41°50'47" W, 15.97 feet; S 78°10'56" W, 25.76 feet; S 73°50'26" W, 89.94 feet; S 79°45'04" W, 15.92 feet; S 87°57'22" W, 34.51 feet; S 73°22'57" W, 50.53 feet; S 58°21'29" W, 39.69 feet; S 79°35'55" W, 18.83 feet; N 89°47'54" W, 28.12 feet; S 73°37'34" W, 112.62 feet; N 89°02'23" W, 24.17 feet; N 71°59'21" W, 26.58 feet; S 87°03'31" W, 80.32 feet; N 61°20'49" W, 8.96 feet; N 83°39'23" W, 70.86 feet; N 86°40'48" W, 62.40 feet to a point in Mill Creek in the line of Meritage Homes of the Carolinas, Inc., thence along and with the property line of Meritage Homes of the Carolinas, Inc., N 09°39'43" W, 1200.51 feet to an existing iron pipe located on a curve of the southern margin of Cherry Lane, thence along the curve of the southern margin of Cherry Lane, a chord bearing N 73°12'04" E, a chord distance of 482.66 feet, with a radius of 2848.41 feet to the point and place of beginning containing 29.83 Acres more or less and being the northern portion from Mill Creek to Cherry Lane of Alamance County Tax Parcel ID: 152443 to be annexed into the City of Graham Corporate Limits, with 10.28 Acres more or less south of Mill Creek of said Parcel remaining outside the City of Graham Corporate Limits.

Legal Description GPIN#: 8893796670

Parcel ID: 152460

Lying and being in Melville Township, Alamance County, North Carolina and adjoining the lands of Intersect Greensboro II, LLC., Cherry Lane (S.R. 2123), Metrolina Retail, LLC., Governor Scott Farm Road (S.R. 2124), and Carl A. Westman and more particularly described;

Beginning at an existing iron pipe located on a curve of the southern margin of Cherry Lane, a corner with Intersect Greensboro II, LLC., and being N 73°12'04" E, 482.66 feet from an existing iron pipe, a corner between Intersect Greensboro II, LLC. and Meritage Homes of the Carolinas, Inc., thence from the beginning and along the southern margin of Cherry Lane the following courses and distances, along a curve, chord bearing N 68°20'17" E, chord distance 7.20 feet, with a radius of 2848.41 feet to an existing iron pipe, marking the end of curve, thence N 68°12'49" E, 401.73 feet to an existing iron pipe, thence N 68°13'35" E, 208.09 feet to an existing iron pipe, thence N 68°17'44" E, 398.12 feet to an existing iron pipe, marking the intersection of the southern margin of Cherry Lane and the western margin of Governor Scott Farm Road, thence crossing Governor Scott Farm Road and the southern margin of Cherry Lane, thence continuing along the southern margin of Cherry Lane N 60°13'03" E, 66.66 feet

to an existing iron pipe, thence N 68°17'44" E, 190.78 feet to an existing iron pipe, marking the beginning of a curve, thence along the curve a chord bearing N 63°03'23" E, a chord distance of 247.01 feet, with a radius of 1406.10 feet to an existing iron pipe located on the southern margin of Cherry Lane and a corner with Metrolina Retail, LLC., thence along and with the property of Metrolina Retail, Inc., S 18°57'54" E, 294.85 feet to an existing iron pipe, a corner with Metrolina Retail, Inc., thence with Metrolina Retail, Inc., S 67°51'28" W, 373.34 feet to an existing iron pipe located on the eastern margin of Governor Scott Farm Road, and a corner with Metrolina Retail, Inc., thence crossing Governor Scott Farm Road S 67°42'23" W 59.79 feet to an iron stake marking the beginning of the 55 foot right of way of Governor Scott Farm Road, as shown in Plat Book 77, Pages 344-346, and marking the property of Carl A Westman, thence S 67°55'35" W, 5.33 feet to an existing iron pipe, marking the 60 foot right of way of Governor Scott Farm Road as shown in said Plat, in the line of Carl A. Westman, thence along and with the property line of Carl A. Westman S 67°55'35" W, 581.89 feet to an existing iron pipe, a common corner with Carl A. Westman and Intersect Greensboro II, LLC., thence along and with the property of Intersect Greensboro II, LLC., S 62°09'17" W, 312.09 feet to an existing iron pipe, a corner with Intersect Greensboro II, LLC., thence N 59°34'52" W, 394.99 feet to the point and place of beginning, Save and except that portion of the 60 foot right of way of Governor Scott Farm Road, as described;

Beginning at an existing iron pipe located at the intersection of the southern margin of Cherry Lane and the western margin of Governor Scott Farm Road, thence N 75°59'26" E, 69.95 feet to an existing iron pipe located on the southern margin of Cherry Lane and the eastern margin of Governor Scott Farm Road, thence along the eastern margin of Governor Scott Road, S 45°11'21"E, 289.42 feet to an existing iron stake, a corner with Metrolina Retail, LLC., thence crossing Governor Scott Farm Road, S 67°42'23"W, 59.79 feet, to an existing iron pipe marking the beginning of the 55 foot right of way of Governor Scott Farm Road, as shown in Plat Book 77, Pages 344-346, and marking the property of Carl A. Westman, thence S 67°55'35" W, 5.33 feet to an existing iron pipe, marking the 60 foot right of way of Governor Scott Farm Road as shown in said Plat, and in the line of Carl A. Westman, thence along the western margin of Governor Scott Farm Road, N 45°09'49"W, 300.28 feet to the point and place of beginning, giving Parcel ID: 152460, a total of 9.10 Acres more or less.

Adopted this the 13th day of June 2023.

Mayor Talley asked Council to move the public comment section before the budget hearing due to several people present to speak.

Mayor Talley motioned to amend the agenda to allow public comments before the budget hearing, seconded by Mayor Pro Tem Hall. The motion passed unanimously.

PUBLIC COMMENTS:

Mr. Mike Farlow, Comtech, 1204 South Main Street, Graham, offered to conduct a cost analysis for the City at no charge to determine if consolidation of a multiple phone system could save the City money. He also requested to offer a free vulnerability scan of the City's network to make the defenses as good as they should be. He stated it was a \$3,000 scan free of charge to test the vulnerabilities of the system.

The Council consensus was to have Mr. Farlow look at the phone system and run a vulnerability assessment and have the City Manager report back the findings.

Mayor Talley asked if Mr. David Michaels would address the issue regarding a tract of land located on Meadowview Drive.

Mr. David Michaels, Windsor Investments, 1007 Battleground Avenue, Greensboro, apologized for misspeaking on lot sizing that was on an approved plan for the Meadowview Glen subdivision. He stated it was a mistake and Windsor Homes had developed a number of sites in the community and wanted to continue to do business in Graham. He stated the 28-lot site averaged 11,416 square feet and was slightly less than the 12,000 he had previously stated. He again apologized for his comments on lot sizes.

Mayor Talley stated there was also a comment about barriers and not taking down all the trees.

Mr. Michaels stated it was their preference to preserve buffers and leave extensive buffers around the site including a dedication of land for a future trail. He stated every site was different and topography had to be taken under consideration, as well as utilities, floodplain areas, and sites that had to be elevated to accommodate houses safely and effectively.

Mayor Talley stated they like developers who do not clear-cut properties but build with the property and with the existing natural habitats. She stated she understood having to cut down trees in order to build a development and no one was criticized for that, but the purpose of open spaces, the ordinance was being misused and misrepresented. She stated it appeared that developers are using the flood plains in areas that are unbuildable in order to get smaller lots. She stated the reason she did not vote for the development, in the beginning, was because she did not agree with misleading the public on lot sizes. She stated that Mr. Michaels assured her that all of the lots were 12,000 square feet lots. She stated that she hoped to get a consensus from Council to rewrite the ordinance for what it was intended.

Mr. Michaels again apologized for misspeaking and that it was not his intent to mislead the Council, Planning Board, or any other group about the intentions of a proposed development. He stated they work extensively with staff to design the site and ensure areas left were open spaces to be accessible from all parts of the cul-de-sacs and to be able to utilize any future trails and access to the stream. He stated this was a 16-acre site with six and a half acres of total open space.

Mayor Talley stated the majority of the open space that was being designated back to the City was in the flood plain and you could not have built on it without flood insurance.

Mr. Michaels stated they could have gone further than they did if we had made every lot 12,000 square feet and pushed the lots further back, closer to the stream, and still be in compliance with the rules, but it did not make sense to do that. He stated they wanted to leave as much of that buffer as possible and still create a site that would be a nice neighborhood, with generous lots, and trees behind the houses, and nothing was going to fall on a house.

Mayor Talley stated one of the provisions for having open space was because developers are under an enormous amount of pressure to take up as much land as they could possibly fit in a square foot, but it was upsetting when the intent of the ordinance was misused. She stated that moving forward, she wanted the City to clarify the ordinance so the intended use and purpose of exchanging lot size and going from R-12 to R-10 that we get something for that other than just floodplain property. She stated the intent was

to have open space located throughout the development and moving forward on future plans you will know what I am looking for.

Mr. Michaels stated that it is common in many different ordinances to try to consolidate development, density stays the same and it consolidates the development for more useable parts of the property and leaves those environmentally sensitive steep slopes and fragile areas out of play, which was a primary goal for every municipality. He apologized for misspeaking and being able to come back to clarify.

Mayor Talley said that even though this was not a public hearing there were people in the audience who would like to speak in regards to this development.

Mr. Peter Murphy, 1933 Meadowview Drive, Graham, resides adjacent to the property in question. He voiced disapproval with lot sizes zoned R-12, being mostly developed under 12,000 square feet. He shared trees were damaged on his property by digging right next to his trees and leaving large pine trees that are subject to fall. He stated that the annexation was the only time this property had come before Council, which was confusing because it was stated at the annexation these would be 12,000 square foot lots and Mr. Michaels had apologized for that misstatement but it was a huge misstatement. He stated the final thing said was that Council would hold him to that. He stated that since that meeting, the property had been developed exactly less than 12,000 square feet. He stated that out of 19 lots, there was only one more than 12,000 square feet, the other 18 was just over 10,000.

Mayor Talley asked if that was correct. She thought six of the 28 were 12,000.

Assistant City Manager Holland stated it was six of the 28 were 12,000 or more.

Mr. Murphy stated just speaking of the sixteen lots next to his house, only one was 12,000 and that was because the utility buffer created it at 12,000 square feet and the rest was 60 feet wide and a house was 40 feet wide. He stated you would only be able to park one car in the street and the streets were narrow. He stated the development ordinance had a requirement that you either have an HOA or a dedication to the City and the City needed to accept that dedication and asked if the City had accepted that dedication.

Mayor Talley stated she had asked the same question and part of the annexation would be accepting the property surrounding there that was the buffer and open space. She stated they did not in order for it to be a trail. She stated her concern was why would anyone want to buy a house with a public trail behind the house. She asked if the City of Graham wanted to accept that designation and the responsibility of maintenance.

Assistant City Manager Holland stated it was a greenway network and was part of the Mountain to the Sea Trail that was located in other subdivisions. He stated those dedications are in other areas, which are natural trails that coincide with the network in conjunction with the County.

Mayor Talley asked where the park was located.

Assistant City Manager Holland stated it was across Rogers Road.

Mayor Talley asked if it was rational for someone to go out trail hiking behind someone's home and why would they not want an HOA to maintain the open space.

Mayor Pro Tem Hall stated the HOA could bar anyone from walking on that trail except for homeowners.

Mayor Talley stated that if she were a homeowner, she would not prefer a public trail behind her house.

Assistant City Manager Holland stated the pedestrian plan identified projects like this and that was the reason for the Mountain to the Sea Trails arrangements in subdivisions adjacent to public facilities. He stated when Windsor was asked to work with the City and County, they did not argue and gave this property to the City. He stated that it could be taken out, but then you would be going against the Pedestrian Plan which encourages these types of arrangements of greenway trails.

Mayor Talley said that she would not go to someone else's subdivision and walk behind their houses. She stated that people would wonder what she was doing in the middle of a natural area walking behind their houses.

Council Member Chin asked if the trails were removed if all the lots have the requisite of 12,000 square feet?

Assistant City Manager Holland stated we would not want to do that because you would then push those properties into floodplains and every single property would have to have floodplain insurance.

Mayor Talley stated that if you did not have it public, they would effectively have 12,000 square feet if it were owned by the HOA.

Assistant City Manager Holland stated it would look the same.

Council further discussed the trails and the location.

Council Member Whitaker asked that since all this was approved under misrepresentation, was this something that could be revoked.

Mayor Talley stated that part of the annexation on the table tonight includes the acceptance of the public area.

Council Member Whitaker stated but it was actually not on there tonight because it was pushed to the next meeting.

Assistant City Manager Holland stated it had been approved.

Council Member Whitaker asked if that approval was revocable due to the misrepresentation.

City Attorney Coleman stated it could not.

Mayor Talley stated there was never anything that came to Council and Council agreeing to smaller lots, it was already zoned R-12 and it was still R-12. She stated what changed was in the annexation and Mr. Michaels making untrue comments on the lot sizes, buffers, and trees. She stated she probably would not have voted for it had she known this designated area surrounded it. She stated there was no one here in opposition and she thought what he was saying was true. She stated that Council could only act on the information they had and if it was incorrect it was incorrect. She stated that she contacted Attorney Bob Ward and said that at a minimum, she wanted Mr. Michaels to address Council for a point of clarification in regards to the annexation. She stated that the Council should have the right whether they would want to accept that designation of open space.

Assistant City Manager Holland stated they agreed to dedicate the space but Council could say they did not want it to be dedicated and you would then need to have Windsor present an updated site plan for TRC to sign off on again but basically removing that dedication off the site plan to be approved without it on there. He stated that would be separate from the annexation and would be through the TRC process.

Mayor Talley asked if there were any other concerns that Mr. Michaels could address. She stated she had been inundated with calls about the trucks on Wildwood and the condition of the road. She stated that City had been working with Windsor about repairing the road.

Mr. Murphy further shared that back in March, he questioned the smaller lots and asked Council to look at the smaller lots. He stated there was no coordination of buffer zones, and the developer had damaged trees on his property by digging right next to his trees and leaving huge pine trees that are subject to falling instead of leaving good hardwoods. He stated he had asked what the homes would look like and they wrote back and said they were still coordinating what exact product they would implement in his neighborhood and how does that happen.

Mayor Talley stated that in strict zoning, they can build anything with any material that they want to build, which was consistent with any municipality. The City cannot decide what product they put up and the only way you can do that was if they came to the City and asked for a conditional rezoning and then the Council could implement stricter guidelines, such as lighting and fencing. She stated that they encouraged developers to do that because it does lend itself to the developer to work with existing neighborhoods. She stated this property was already zoned R-12 and had the right by use of that zoning but was using the open space ordinance in order to be able to reduce the lot sizes. She stated they were not allowed to reduce it to less than 10,000. She stated after this meeting she hoped to have a consensus for staff to look into rewriting that ordinance so it goes back to how it was intended.

Mr. Paul Smart, 556 Little Creek Drive, Graham, voiced displeasure with the subdivision, especially the retention ponds, and asked who would maintain those ponds.

Council Member Whitaker asked if there would be an HOA that would take care of the ponds.

Mr. Michaels shared that the retention ponds are all temporary and were required as erosion control devices by the State of North Carolina to accept all run-off from the site. He stated that dirt had already been brought in to fill those ponds. He shared that hauling was over as it related to this subdivision. He shared that he had been working with City staff to make repairs to the roads and all the retention ponds would be filled in and there would be no permanent structure that would have to be maintained by anyone.

Ms. Chris Ritz, 560 Little Creek Drive, Graham, inquired about how the creek would be maintained.

Mayor Talley shared that the State had very strict erosion control requirements, which was the reason for the retention ponds to prevent erosion.

Mr. Bill Bryant, 1904 Meadowview Drive, Graham, voiced concerns about the roads getting further damaged. He asked what assurance did the City have to guarantee the roads would be repaired.

Assistant City Manager Holland said the road would be repaired and staff would coordinate with Windsor to make certain of repairs.

Mr. Michaels shared they were working with staff and had examined the road and understood why failures occurred in certain places. He stated he would continue to work with staff until the road was put back in good shape.

Mr. Tom Boney stated he was under the impression that an item would be on the agenda through the Planning Department to request an extension on the submission of a façade grant. He said his business had been awarded a façade grant and he had completed the paperwork and would submit it before the end of the fiscal year.

City Manager Garner stated she was not aware of any grants going beyond June 30, with that being the end of the fiscal year that money would roll to fund balance and if Council desired, they could reappropriate that in the new fiscal year with a budget amendment.

Mr. Boney said they hoped to have the paperwork completed in time for this fiscal year's budget.

ITEM 7: ADOPTION - FY2023-2024 BUDGET

A public hearing had been scheduled to consider the adoption of the Fiscal Year 2023-24 Budget Ordinance, 2023-24 Pay Plan, and the 2023-24 Rates and Fee Schedule.

Mayor Talley stated that regarding the 2023-24 Pay Plan we are not accepting that in this meeting and would have an opportunity to review the pay plan in detail in an upcoming meeting.

City Manager Megan Garner stated the pay plan before Council's consideration was the pay plan as it stands for this current fiscal year plus the proposed cost of living. She stated in the current fiscal year there were funds allocated for a pay plan study and those are not being incorporated at this time but would be brought to the Council as a separate agenda item for a possible mid-year implementation.

City Manager Megan Garner stated at the May 9, 2023, City Council meeting she introduced the Manager's proposed budget and a budget workshop was held on May 23, 2023. She stated that Council made revisions, the staff made more revisions, and tonight was the budget public hearing for any member of the public who would like to make comments.

Ms. Garner gave the following budget presentation:

Tax Value & Revaluation				
Value as of:		% change		
2017-2018	\$1,140,317,018			
2018-2019	\$1,182,874,745	3.73%		
2019-2020	\$1,256,161,975	6.20%		
2020-2021	\$1,298,654,622	3.38%		
2021-2022	\$1,336,885,234	2.94%		
2022-2023	\$1,400,147,535	4.73%		
2023-2024	\$2,314,754,893	65.32%		

The above chart depicts the tax values as provided by Alamance County from the last revaluation in 2017-2018 to the present. She shared there was a huge jump between the current fiscal year and the upcoming fiscal year.

Revenue-Neutral

N.C.G.S. 159-11(e) defines the revenue-neutral rate as the rate that is estimated to produce revenue for the next fiscal year equal to the revenue that would have been produced for the next fiscal year by the current tax rate if no revaluation had occurred.

Current	Manager Proposed	Revised	Revenue Neutral
0.4550	0.3500	0.3278	0.2899

Ms. Garner stated this was a revaluation year and the City was required to publish its revenue-neutral rate which was 0.2899 and the current year tax rate was 0.4555. When Council received the budget in May the Manager's proposed budget included a tax rate of 0.35 which was a 10.5 cent reduction but above the revenue-neutral rate of 0.2899. She said that in addition to the revisions that Council made at the work session and staff-initiated changes, the revised budget had a proposed tax rate of 0.3278.

General Fund (10) Summary of Changes

Total expenditure reduction of \$414,015

 $\textbf{10-4100} - \text{City Council} - \text{Reduced the professional services budget by $8,000.} \ (Staff initiated)$

10-4200 – Administrative – The new HR Assistant position has been reduced to grade 14, resulting in a savings of \$10,000.

10-4300 – Information Technologies – Removed the Civic Center fiber project from 10-4300-7400, saving \$60,000. The camera project, originally divided into two phases, has been divided into three, resulting in an additional savings of \$20,000 for FY2024.

10-5000 – Public <u>Bldg</u> & Grounds – Removed the Carpet in Council chamber saving \$10,000.

10-5100 – Police Department – Removed the flooring replacement project in the amount of \$23,400. This item will be funded through ARPA pending Council approval. (Staff initiated)

10-5300 – Fire Department – Reduced the uniforms budget by \$8,200, the small equipment purchases budget by \$8,800, and removed the kitchen remodel of \$15,000 for a total departmental reduction of \$32,000.

10-5600 – Streets and Highways – Reduced the paving budget by \$125,000 and removed \$20,000 for Public Works parking lot repairs. (Staff initiated)

10-6200 – Recreation – Removed the ADA entry door at the Recreation Center in the amount of \$42,115.

10-6210 – Graham Mebane Lake – The pontoon boat trailer budget has been reduced by \$3.500.

10-6220 – Athletic Facilities – Removed the budgeted playground at Marshall Street Park for a savings of \$60,000.

Ms. Garner reviewed the above-stated cuts and reductions totaling an expenditure reduction of \$414,015.

General Fund (10) Exploratory arts around the square program Deferred maintenance/capital items after reductions equate to over \$1,500,000 Mandatory employer retirement contribution increase Funding of two new School Resources Officers (partially offset by ABSS funding)

Ms. Garner stated the upcoming budget year funds had been allocated for an exploratory Arts Around the Square program to be funded at \$10,000.

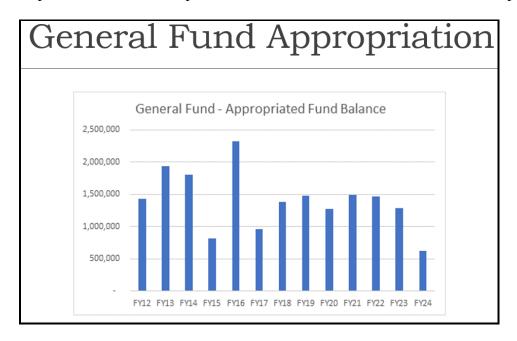
Fee Schedule Revisions (General Fund) Site development/re-inspection fee* 1st \$250, 2nd \$500, 3rd \$750

□*Re-inspection fees can be assessed for jobs not ready for inspection and/or items not corrected on subsequent re-inspections.

☐ All processing fees for credit/debit purchases to be passed to customer

Ms. Garner stated revisions to the fee schedule were reviewed at the budget presentation and the budget work session and noted one modification that came from Mayor Talley was to put a note under the site

development re-inspection fee. She shared the intent was not for a money grab but for items where the developer had contacted the City for a re-inspection and none of the items addressed at the initial inspection had been attempted. Also, all debit and credit card fees would be passed to the consumer.



Ms. Garner stated the fund balance appropriation was the amount of money that is moved from your fund balance to your operating fund to balance the budget. She stated they were able to significantly reduce the fund balance appropriation for the proposed fiscal year 2023-2024.

Mayor Talley stated that she felt the City had been dealt a bad hand in regard to this revaluation process. She stated the City of Graham had no input in the schedule of values and how it was determined. She stated that she had concerns when the County referred to changing values based on an aerial fly-by, Google street view, Zillow, and Realtor.com. Mayor Talley expressed concerns with the revaluation and stated never in the history of Graham was there ever this type of increase. She stated the unintended consequence of this revaluation would be gentrification, which means high mortgages, higher property values, and higher taxes. Those are the three things that cause gentrification and the City had all of those. Everyone's property tax that is sent to escrow their mortgages would go up accordingly. Mayor Talley challenged Council to do what it could to keep the tax rate revenue-neutral. She suggested deferring any new cost items in order to bring down the budget further and using the fund balance in order to be able to bring it down. Mayor Talley stated the fund balance that we did not use this year would carry forward next year but the City Manager did not know what that number would be.

City Manager Garner stated that was correct since the current fiscal year had not been closed out and we would not know until the auditors come on-site and audit the accounts.

Mayor Talley asked if she had a ballpark number that it might be.

City Manager Garner said she did not.

Mayor Talley stated that the difference between where we are now and revenue-neutral was approximately \$800,000. She asked Council about the new positions in the budget and if they should be cut and questioned the COLA amounts in previous years.

Council Member Whitaker stated we were dealt a bad hand by the County and the process of the revaluations, but unfortunately, it is done, and nothing we can do about it now. She stated she thought City Staff had done a great job at trimming the budget and Council had cut as much as they could without cutting services.

Mayor Talley asked what was the difference in the fund balance of what was spent in 2023 and 2024.

City Manager Garner stated in the current fiscal year it was around \$1.6 million appropriated and for the proposed budget we are around \$600,000.

Mayor Talley asked if we left the fund balance where it was last year, which was on the downtrend, how Council felt about that.

Council Member Chin stated if we did that, it would be shortsighted. He stated he had heard comments that we should not be using the fund balance, which the balance used to be higher, and now the philosophy was to use it so we can get to a point to emotionally satisfy folks, but yet we would be doing something that in the long-term would be detrimental to our community.

Council Member Whitaker stated it was robbing Peter to pay Paul.

Mayor Talley said she did not see it like that, but rather it was savings that we did not use that had accumulated.

Council Member Chin commented on the \$84 million that Council was having to spend on the wastewater treatment plant, and had our predecessors not kicked the can down the road, we would not be carrying this \$84 million burden. He stated he thought Council would be failing in their responsibility and there were long-term projects that needed to be addressed such as another water reservoir, Fire Department, one or two substations, and the need to start planning for those. He stated that Council had brought the tax rate from 0.4555 down to less than .33.

Council continued discussions on an amount to be used from the fund balance, funding two new positions, engineer services, and a comparable tax rate.

The public hearing was opened.

Motion by Mayor Pro Tem Hall to open the public hearing, seconded Council Member Whitaker. The motion passed unanimously.

Tom Boney, Alamance News, questioned the current percentage of the fund balance and if we knew the answer.

City Manager Garner stated that would be from the last audit because the current year we are in obviously has not closed so that number is subject to change between now and when the audit occurs.

Mr. Boney spoke on the City's fund balance, proposed tax increase, two new positions, the COLA increase, and the City needed to come up with a revenue-neutral budget.

The public hearing was closed.

Motion by Mayor Pro Tem Hall to close the public hearing, seconded by Council Member Chin. The motion passed unanimously.

Council took a 10-minute recess.

Motion by Mayor Pro Tem Hall to take a 10-minute recess, seconded by Council Member Chin. The motion passed unanimously.

Motion by Mayor Pro Tem Hall to come back into open session, seconded by Council Member Chin. The motion passed unanimously.

City Finance Officer Melanie King stated according to the audit fiscal year ending June 30, 2022, the available fund balance for the general fund was 69% of total general fund expenditures. She stated the available fund balance for the general fund at the end of the fiscal year 2022 was \$10,083,559.

Council Member Chin asked how much of the budget's proposed fund balance was used.

Finance Officer King stated to the best of her knowledge for the last eleven years the City had an appropriated fund balance each year and had not used it.

Mayor Talley stated that if your City is healthy, it will grow normally as it had for the last ten years so we should be bringing in enough revenue to offset and not put the burden on the individual property tax owner. She asked if we could adopt something now and if we have any budget shortfalls, address it in October when we actually have a better number and all the appeals have been answered. She asked Council if they wanted to adjust the COLA.

Council Member Whitaker did not want to reduce the COLA and stated the City was already having difficulty staying competitive as it is, and if we cut it, we would be cutting off our nose to spite our face.

Mayor Talley asked about the additional planner and the additional HR position and if Council wanted to wait on a planner.

Council Member Whitaker asked how long would you want to wait on a planner, six months or three months.

Mayor Talley stated she believed there would be enough revenue to fund those two positions.

Council Member Chin suggested leaving the two positions unfunded until the results of the pay plan study were received.

Council Member Whitaker asked what could be funded with ARPA funds.

City Manager Garner stated we had about \$379,000, and one substantial capital item in the proposed budget was the garage addition at \$196,000, which would give you close to a penny on the tax rate.

The Council consensus was to leave the HR assistant and a Planner but not fund them until later in the year around September and after the pay plan study.

City Manager Garner asked that Council consider funding the two positions for the upcoming year

assuming the pay plan study which had the HR assistant at a higher pay grade than what Council recommended at a Level 14. She stated we would be asking for a fund balance appropriation to implement the pay plan and if this was the route the Council was taking, she asked Council to consider funding the positions on July 1st due to the workload on those departments.

City Manager Garner stated by moving \$200,000 to ARPA and increasing your fund balance appropriation you would be at .3178 if that was where Council wanted to be or if you wanted to be lower, the fund balance appropriation could increase to offset whatever difference you wanted to land.

After further discussions on how to get the budget revenue neutral, the following motion was made:

Mayor Talley motioned to approve the 2023-2024 Budget with the amendment of taking \$200,000 from ARPA funds and increasing the appropriation to fund balance by approximately \$664,000 to get to a revenue-neutral tax rate of .2899 and insure the Arts Around the Square fund of \$10,000 goes specifically for that purpose, and leave the two new positions in the budget, seconded by Council Member Parsons. The motion passed by a 3-2 vote. Council Members Whitaker and Chin voted no.

City Manager Garner asked that Council also approve the 2023-2024 Pay Plan and the 2023-2024 Rate and Fees Schedule.

Mayor Pro Tem Hall motioned to adopt the 2023-2024 Pay Plan and the 2023-2024 Rate and Fees Schedule, seconded by Mayor Talley. The motion passed unanimously.

Budget Ordinance FY 2023-2024

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAHAM, NORTH CAROLINA:

Section I. The following amounts are hereby appropriated in the General Fund for the operation of City Government; its activities and capital improvements for the Fiscal Year beginning July 1, 2023, and ending June 30, 2024, in accordance with the Chart of Accounts heretofore established for the City:

Department	FY 2023-2024
City Council	65,000
Administration	713,870
Information Technology	442,150
Finance	417,800
Public Buildings	200,700
Police	6,607,215
Fire	1,793,375
Inspections	773,200
Traffic Engineering	28,800
Warehouse	119,850
Streets & Highways	1,910,045
Street Lights	150,000
City Garage	1,069,600
Sanitation	1,476,400
Recreation	1,043,350
Lake	255,700
Athletic Facilities	404,250
Property Maintenance	934,400
Non-Departmental	1,175,500
	19,581,205

Section 2. It is estimated that the following revenues will be available in the General Fund for the Fiscal Year beginning July 1, 2023, and ending June 30, 2024.

1,2 10,2 13
1,246,245
7,563,000
2,002,000
892,000
710,000
500
674,800
105,000
6,387,660

Section 3. The following amounts are hereby appropriated in the Water & Sewer Fund for its operations, activities, and capital improvements for the Fiscal Year beginning July 1, 2023, and ending June 30, 2024, in accordance with the Chart of Accounts heretofore established for the City:

FUND TOTAL	11,847,600
Non Departmental Admin	2,819,500
Wastewater Treatment Plant	2,040,000
Water Treatment Plant	3,370,150
Maintenance & Lift Station	242,350
Water and Sewer Distribution	2,650,700
Water and Sewer Billing	724,900

Section 4. It is estimated that the following revenues will be available in the Water & Sewer Fund for the Fiscal Year beginning July 1, 2023 and ending June 30, 2024.

Non-Operating	233,500
Operating	768,100
Other Financing Sources	866,925
Services	9,979,075
FUND TOTAL	11,847,600

Section 5. The following amounts are hereby anticipated and appropriated for the City's Special Funds:

	Revenues	Expenditures
FEDERAL DRUG MONIES	100	100
STATE DRUG MONIES	100	100
ARPA LOCAL FISCAL RECOVERY FUND	4,606,605	4,606,605
TRUBY DRIVE REPAIR PROJECT	200,000	200,000
10" WATER MAIN REPLACEMENT	17,250,000	17,250,000
BOYD CREEK PUMP STATION	3,962,000	3,962,000
OLD FIELDS OUTFALL	2,955,000	2,955,000

WWTP UPGRADE	84,649,290	84,649,290
WATER LINE INVENTORY & ASSESMENT	400,000	400,000
BOYD CREEK WATERSHED POINT REPAIR	500,000	500,000
LONG & ALBRIGHT IMPROVEMENTS PROJECT	904,860	904,860
TOTALS:	115,427,955	115,427,955

Section 6. There is hereby levied a tax at the rate of \$.2899 per one hundred dollars (\$100.00) of valuation of property as listed for taxes as of January 1, 2023, for the purpose of raising the Revenue listed as "Ad Valorem Taxes" in Section 2. Such rates are based on an estimated total valuation of property for the purposes of taxation of \$2,280,844,564 (100% valuation) with an anticipated collection rate of 95%.

Section 7. The City of Graham Capital Improvement Plan 2024-2033 for Water & Sewer Fund and 2024-2028 for all other funds is hereby approved and amended per the appropriations for improvements contained herein. For the purpose of tracking capital items, there shall be a threshold of \$5,000.

Section 8. Copies of this Ordinance shall be furnished to the City Manager and the Finance Officer to be kept on file by them for their direction in the disbursement of City Funds.

Adopted this 13th day of June 2023.

Mayor Talley asked for Council consensus to direct staff to revise the open space ordinance to be more in line with what was intended. All members agreed.

NEW BUSINESS:

<u>ITEM 8: AMENDMENT – CODE OF ORDINANCES – SECTION 12-9(c)(6) – UNNECESSARY</u> AND DISTURBING NOISE

City Council considered amending the Code of Ordinances, Section 12-9(c)(6) – Unnecessary and Disturbing Noise and add Section 12-9(d)(3) Enforcement and Penalties.

Assistant City Manager Holland stated that Council had requested the Attorneys to look into options available to address the noise issues with loud mufflers. He stated the Attorneys looked at it and adjusted the existing language to include Enforcement and Penalties Section 12-9(d)(3).

Council Member Whitaker motioned to approve the amendment of the Code of Ordinances, Section 12-9(c)(6) and adding Section 12-9(d)(3) Enforcement and Penalties, seconded by Council Member Parsons. The motion passed unanimously.

AMENDMENT TO GRAHAM CITY CODE SECTION 12-9

Section 1. Section 12-9(c)(6) shall be amended to read:

The use of any automobile, motorcycle, ATV or other motor vehicle of any kind which may be so out of repair, so modified from factory setting or equipment, and/or so loaded or operated in such manner, as to create loud grating, grinding, rattling or other noise caused by and emanating from such vehicle or its operation or which otherwise shall be, create or cause an unreasonably loud or disturbing noise.

Section 2: Add a new section **12-9(d)(3)** Enforcement and penalties to read:

Infraction, Violations of Sec. 12-9(c) (6) shall subject the offender to a civil penalty of fifty dollars (\$50.00) and shall be paid within ten (10) days after being cited for violation of this ordinance.

Section 3: This amendment shall be effective upon adoption.

Adopted this the 13th day of June 2023.

ITEM 9: SURPLUS – 2005 SUTPHEN 85' TOWER LADDER FIRE TRUCK

City Council considered approval of a 2005 Sutphen 85' Tower Ladder Fire Truck as surplus equipment and authorize the City Manager and Fire Chief to advertise the surplus equipment in the appropriate markets.

Mayor Pro Tem Hall motioned to approve a 2005 Sutphen 85' Tower Ladder Fire Truck as surplus property, seconded by Council Member Whitaker. The motion passed unanimously.

RESOLUTION AUTHORIZING A 2005 SUTPHEN 85' TOWER LADDER FIRE TRUCK AS SURPLUS PROPERTY IN ACCORDANCE WITH N.C.G.S. 160A-266

WHEREAS, the City of Graham owns a 2005 Sutphen 85' Tower Ladder Fire Truck; and

WHEREAS, North Carolina General Statute § 160A-266 provides that a city may dispose of real or personal property belonging to the city by:

- (1) Private negotiation and sale;
- (2) Advertisement for sealed bids;
- (3) Negotiated offer, advertisement, and upset bid;
- (4) Public auction; or
- (5) Exchange; and

WHEREAS, North Carolina General Statute § 160A-266 does not allow for private negotiation of personal property valued at \$30,000 or more for any one item or group of similar items to be exchanged as permitted by N.C.G.S. 160A-271, or to be sold by any method permitted in this article other than private negotiation and sale, except as permitted in G.S. 160A-277 and G.S. 160A-279;

WHEREAS, the City of Graham has determined that it is in the best interest of the City to declare its 2005 Sutphen 85' Tower Ladder Fire Truck surplus.

THEREFORE, THE GRAHAM CITY COUNCIL RESOLVES THAT the City Manager, Finance Officer, and City Clerk are authorized to execute all documents necessary to advertise such surplus property in the appropriate markets.

Adopted this 13th of June 2023

ITEM 10: BOARDS AND COMMISSION APPOINTMENTS

City Council considered the following appointments to the City's Boards and Commissions:

ABC Board – Graham Appointee

Robert Sykes – Request Reappointment

Appearance Commission/Tree Board:

Judy Hall – Request Reappointment Cheryl Ray – Request Reappointment

Graham Historical Museum Board

Chuck Talley - Request Reappointment Jeanette Beaudry - Request Reappointment

Graham Housing Authority

Evelyn Graves-Curtis - Request Reappointment

Applicants: Robert Sykes, Lisa Kyle Moser

Historic Resources Commission

 $\label{lem:lemma$

Three Vacancies

Applicant: Eddie Mercer

Planning Board/Board of Adjustment

John Wooten – Request Reappointment Eric Crissman – Request Reappointment Charles Huffine (Extra-Territorial) – Request Recommendation to Alamance County

Applicants: Jeanette Beaudry

Recreation Commission

Casey Johnson - Request Reappointment Brian Cutlip - Request Reappointment Carmen Larimore - Request Reappointment

Applicant – Benjamin Beushausen

Mayor Pro Tem Hall motioned to continue the appointments to the July 11, 2023, City Council meeting and open the application process for HRC and Planning Board, seconded by Mayor Talley. Council Member Whitaker suggested opening the application process for all boards. Council agreed and the motion passed unanimously.

CITY STAFF COMMENTS

There were no City Staff comments.

CITY COUNCIL COMMENTS

Mayor Talley announced the following events:

- Thursday's at Seven was held on June 22nd with the Main Event Band.
- Matt Boswell and Hill Billy Blues Band Saturday, June Graham Amphitheater.
- Taste of Summer was a huge success and thanked Graham Recreation and Parks.

ADJOURN

Mayor Pro Tem Hall motioned to adjourn, seconded by Council Member Chin. The motion passed unanimously. The meeting was adjourned at 9:31 pm.

Renee M. Ward, CMC
City Clerk



STAFF REPORT

SUBJECT:	ENGINEERING CONTRACT WITH ALLEY, WILLIAMS, CARMEN & KING
	FOR THE CITY'S ASSET INVENTORY AND ASSESSMENTS GRANT
PREPARED BY:	AARON HOLLAND, ASSISTANT CITY MANAGER

REQUESTED ACTION:

Approve the resolution accepting \$400,000 in ARPA funding for an asset inventory and assessment study and approve the engineering contract with Alley, Williams, Carmen & King for the City's Asset Inventory and Assessments Grant from NCDEQ-Division of Water Infrastructure.

BACKGROUND/SUMMARY:

The City of Graham owns and operates a water distribution system that supplies drinking water and fire flows within the City and to areas just outside city limits. As indicated in the attached letter from AWCK, the City applied for and was awarded funding for Asset Inventory and Assessment (AIA) for the water distribution system in the spring of 2022. The AIA application includes engineering evaluation of the water distribution system as well as reviewing existing mapping and updating mapping of the water system. The goal of the project is to complete an evaluation of the distribution system that includes a lead service line inventory and an overall evaluation of the system that can be used going forward.

FISCAL IMPACT:

The City has already been awarded funding for engineering and administration services.

STAFF RECOMMENDATION:

Approval.

SUGGESTED MOTION(S):

I move we approve the resolution accepting \$400,000 in ARPA funding for an asset inventory and assessment study and approve the engineering contract with Alley, Williams, Carmen & King for the City's Asset Inventory and Assessments Grant from NCDEQ-Division of Water Infrastructure and authorize the City Manager and City Attorney to effectuate the required documentation.



alley, williams, carmen & king, inc.

Engineering • Architecture • Land Surveying

June 29, 2023

Ms. Tonya Mann Utility Director City of Graham

Subject: Asset Inventory and Assessments Grant

Drinking Water Distribution System Evaluations

Dear Ms. Mann,

Alley, Williams, Carmen & King, Inc. is pleased to provide the City of Graham with this letter of agreement to provide engineering and administration services for the City's Asset Inventory and Assessments Grant from NCDEQ-Division of Water Infrastructure. This proposal is to assist the City with evaluating the drinking water distribution system for compliance with the Lead and Copper Rule Revision.

Background Information and Scope of Services

The City of Graham owns and operates a water distribution system that supplies drinking water and fire flows within the City and to areas just outside city limits. The City applied for and was awarded funding for Asset Inventory and Assessment (AIA) for the water distribution system in the spring of 2022. The AIA application includes engineering evaluation of the water distribution system as well as reviewing existing mapping and updating mapping of the water system. The goal of the project is to complete an evaluation of the distribution system that includes a lead service line inventory and an overall evaluation of the system that can be used going forward.

AWCK is a full-service architectural and civil engineering based in Burlington, North Carolina that was founded in 1960 and has worked with the City of Graham for many decades. This time includes decades working with the City of Graham and its water system. AWCK will assist the City with the NC DWI approved scope that is attached as Exhibit 3.

It should be noted that final engineering design and bid documents are not included within this scope of services but can be provided at a later point through addendum if requested.

Independent Contractor

Consultant shall at all times remain an "Independent Contractor" with respect to the services to be performed under this Agreement. The City shall be exempt from payment of all Unemployment Compensation, FICA, retirement, life and/or medical insurance, and Worker's Compensation Insurance since the Consultant is an Independent Contractor.

Professional Services

Alley, Williams, Carmen, & King, Inc. (AWCK) shall perform the professional Consulting Services required under this Agreement in accordance with standard of care, skill, training, diligence and judgment normally provided by competent professionals who perform work of a similar nature, in the same geographical regions as the work described in this Agreement and any Work Authorization. AWCK agrees to correct, at its own expense, any service provided under this Agreement that does not conform to the standard of care herein for a period of one (1) year following the completion of that Service.

Prohibited Interest

AWCK affirms that it has neither an interest, nor shall acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of services under this Agreement. AWCK may still provide private engineering design within the City of Graham but any private work will be reviewed by either another entity or by City staff.

Discrimination Prohibited

AWCK shall not discriminate against any person in the performance of this Agreement because of race, creed, sex, handicap, color, age, national origin, or familial status.

Insurance

AWCK shall maintain for the term of this Agreement insurance policies covering:

- Worker's Compensation and Employer's Liability insurance, statutory limits.
- Comprehensive General Liability insurance, a total of \$2,000,000 each occurrence and \$2,000,000 in aggregate.
- Comprehensive Automobile Liability insurance, a total of \$2,000,000 each occurrence and \$2,000,000 in aggregate.
- Umbrella Liability insurance, a total of \$5,000,000 each occurrence.
- Professional errors and omissions insurance with a per claim limit of not less than \$3,000,000.

Additionally, the City shall be named as an additional insured on Comprehensive General Liability and Comprehensive Automobile Liability, and the policies shall provide that the City shall be given at least thirty (30) days advance written notice in the event of cancellation.

Summary of Fees

We propose to provide the above described services for a fee of \$400,000.00. The individual fees are attached within Exhibit #1 – Scope of Services.

We appreciate the opportunity of submitting this letter of agreement for your review and acceptance. We look forward to working with you and should you have any questions or require additional information, please contact me at 336-226-5534.

Sincerely,

ALLEY, WILLIAMS, CARMEN & KING, INC.

Joshua S. Johnson, P.E. Principal Engineer

The scope of services, terms and conditions of this Lette	r of Agreement are accepted.						
Signature of Authorized Representative	Date						
This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.							
Finance Officer Approval	Date						

EXHIBIT – 1 SCOPE OF SERVICES

Task 1 –As-Built Research and GIS Updates

Task 1 Fixed Fee: \$100,000

Task 2 – LCRR Inventory

Task 2 Fixed Fee: \$250,000

Task 3 – Condition Assessment and Asset Inventory Creation

Task 3 Fixed Fee: \$50,000

Summary of Tasks/Fees:

Task 1 – As-Built Research and GIS Updates:	\$ 100,000.00		
Task 2 – LCRR Inventory Preparation:	\$ 250,000.00		
Task 3 – Condition Assessment and Asset Inventory Creation:	\$ 50,000.00		
Total All Tasks:	\$ 400,000.00		

EXHIBIT - 2

HOURLY CHARGE RATE SCHEDULE – January 1, 2023

This information is confidential and is intended for use by the recipient only.

1.	Engine	Engineers:					
	a.	EI – Engineering Intern	\$ 80.00	-	\$130.00/Hr.		
	b.	Registered Professional Engineer	100.00	-	160.00/Hr.		
	c.	Associate/Registered Professional Engineer	125.00	-	180.00/Hr.		
	d.	Principal/Registered Professional Engineer	190.00	-	250.00/Hr.		
2.	Archite	Architects:					
	a.	Architects in Training	\$ 80.00	-	\$100.00/Hr.		
	b.	Registered Architect	90.00	-	130.00/Hr.		
	c.	Associate/Registered Architect	145.00	-	180.00/Hr.		
	d.	Principal/Registered Architect	160.00	-	180.00/Hr.		
3.	Surveyo	ors:					
	a.	Surveyor in Training	\$ 75.00	-	\$ 90.00/Hr.		
	b.	Registered Land Surveyor	85.00	-	115.00/Hr.		
	c.	Associate/Registered Land Surveyor	95.00	-	140.00/Hr.		
4.	Technic	Technical Staff:					
	a.	Project Manager	\$ 90.00	-	\$130.00/Hr.		
	b.	CADD Designer/Technician	75.00	-	110.00/Hr.		
	c.	Stormwater Program Coordinator	75.00	-	110.00/Hr.		
5.	Survey Parties:						
	a.	2-Man Party	\$140.00	-	\$180.00/Hr.		
	b.	3-Man Party	190.00	-	225.00/Hr.		
6.	Construction Observer		\$ 75.00	-	\$120.00/Hr.		
7.	Clerical	1	\$ 55.00	-	\$ 80.00/Hr.		

- 8. Other:
 - Employees' overtime (when authorized in advance): 1.50 times Hourly Charge Rate.
 - Professional Consultants: 1.10 times the amount billed to AWCK, Inc. b.
 - Printing and Mailing: 1.10 times the amount billed to AWCK, Inc. c.
 - Mileage: Travel to job site No Charge, but time is included from our office to job site and return. d.
 - Overnight or extended travel: 1.10 times the amount billed to AWCK, Inc. e.
 - The above rates are subject to adjustment in accordance with normal salary and rate review practices on f. an annual basis.
 - Where ranges of hourly charge rates are listed, the rate charged will be the actual charge rate associated g. with the individual performing the services.
 - Payment will be made monthly based on invoices submitted by Alley, Williams, Carmen & King, Inc.

Exhibit 3

Water Asset Inventory and Assessment Preliminary Project Scope and Schedule City of Graham

DATE: November 18th, 2022

SUBJECT: Asset Inventory and Assessment (AIA) Grant

Project No. AIA-D-ARP-0152 Spring 2022 Application Cycle

Preliminary Project Scope

1. Project Purpose

The City of Graham applied for the Water Asset Inventory and Assessment Grant to gain system knowledge and to locate water assets using GPS data and GIS systems. The City of Graham currently works with the City of Burlington and maintains a GIS database that City Staff uses to identify locations of water infrastructure as well as material types. The City wishes to update it's water system map in order to address discrepancies that have been found. The City of Graham has requested qualifications from qualified consultants that are capable of field locating existing infrastructure as well as conducting water system evaluations, condition assessments, system modeling, and providing assistance creating maps and listings of homes that will comply with the Lead and Copper Rule Revisions.

The City of Graham and City's chosen consultant will review the City's current GIS water map and review as-built information related to the water system. This review will provide the City with an updated GIS map which will improve accuracy on waterline locations, connections within the system, pipe materials, and age of infrastructure.

After the water map is updated then the City will work on developing a Lead and Copper inventory that will be in compliance with the newly released Lead and Copper Rule Revisions. The City will take the information gathered from as-built research and apply that to neighborhoods within the City. Typically, water service material types were provided with the construction plans and this information will provide the City with generalized areas that may not need to be tested based upon the material selected for the project. In the event that as-builts cannot be found, the City will pull building permit dates from individual neighborhoods to assess the probable materials used. From here, the City will randomly select homes in these neighborhoods to collect samples from and send the samples to a certified lab that will test the lead and copper levels. If a sample home exceeds the revised lead and copper limits, the town will enter that data into the new system map and include the entire neighborhood as an area for increased sampling and testing in accordance with the lead and copper rule.

The above steps will be supplemented with an overall condition assessment of the system that will serve staff going forward with maintaining the system.

2. Preliminary Project Schedule

TASK	TENTATIVE DATA
Request for Qualifications	November 2022
Funded AIA	December 2022
Consultant Selection	January 2023
Field Data Collection/As-Built Research	July 2023-October 2023
System Modeling	August 2023
Water Sampling	October 2023
GIS Updates	October 2023-January 2024
Asset List Creation	January 2024-April 2024

3. Cost Estimate:

WATER ASSET INVENTORY AND ASSESSMENT PROJECT COST ESTIMATE		
ITEM	DESCRIPTION	TOTAL
1	As-Built Research and GIS Updates	\$100,000.00
2	LCRR Inventory	\$250,000.00
5	Condition Assessment/Asset Inventory Creation	\$50,000.00
TOTAL: \$400,000.00		

4. Follow-up Items:

- **a.** The City of Graham will follow the water and wastewater utility evaluation guidance document to assist city staff and the selected consultant in creating an AIA management plan that will be updateable for years to come.
- **b.** NCDWI will be copied on all deliverables with a signed document by someone at NCDWI with signature authority agreeing that no City of Graham infrastructure data or GIS files can be used, reproduced or transmitted without the written approval of the City Manager or Assistant City Manager in compliance with anti-terrorism critical infrastructure rules. The City of Graham data is not to be used to aid in the creation of a larger multi-municipal infrastructure database and the City will not guarantee NCDWI that they will be provided updates of the data after the completion of the AIA project. The selected consultant will provide the City of Graham and NCDWI with regular project updates but the GIS layers will only be transferred at the completion of the AIA process to avoid human error in saving incomplete files.
- c. The City of Graham does not intend to purchase equipment with this funding.
- d. GIS data will be provided to the City of Graham as shapefiles and they currently have a GIS manager that works for the City of Burlington and is contracted with the City of Graham. The City of Graham will own the data with permissions given to the selected consultant to house a backup copy of the data. The selected consultant will also provide a copy of the GIS data to the City's Engineer or the contracted engineering firm if the city does not have an on staff engineer.

e.	A GIS polygon file will be shared with NCDWI showing the limits of the City's water systems at the conclusion of the project.

RESOLUTION BY GOVERNING BODY OF RECIPIENT

WHEREAS, the American Rescue Plan (ARP) funded from the State Fiscal Recovery Fund was established in S.L. 2021-180 to assist eligible units of government with meeting their water/wastewater infrastructure needs, and

WHEREAS, the North Carolina Department of Environmental Quality has offered American Rescue Plan (ARP) funding in the amount of \$400,000 to perform an Asset Inventory and Assessment study detailed in the submitted application, and

WHEREAS, the (unit of government) intends to perform said project in accordance with the agreed scope of work,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRAHAM:

Graham does hereby accept the American Rescue Plan (ARP) offer of \$400,000.

That the City of Graham does hereby give assurance to the North Carolina Department of Environmental Quality that any Conditions or Assurances contained in the Award Offer will be adhered to.

That Megan Garner (City Manager), and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project; to make the assurances as contained above; and to execute such other documents as may be required by the Division of Water Infrastructure.

Adopted this the 11th day of July 2023, at Graham, North Carolina.

	Mayor Jennifer Talley	
Attest:		
Renee M. Ward, CMC		
City Clerk		



SUBJECT:	ACCEPTANCE OF PUBLIC STREETS AND RIGHTS OF WAY FOR FORKS OF ALAMANCE, SECTIONS 3 & 4
PREPARED BY:	CAMERON WEST, PLANNER

REQUESTED ACTION:

Approve Resolution Authorizing the adoption and maintenance of the portions of Sunfield Drive, Lacy Holt Road, and Kress Drive located within Sections 3 & 4 of the Forks of Alamance subdivision.

BACKGROUND/SUMMARY:

Development in Sections 3 & 4 of the Forks of Alamance has been completed, and the streets have been offered to the City of Graham for adoption. These streets have been inspected by Public Works, the City's Engineer, and the Planning Department for compliance with the proposed development pattern permitted under their approved construction drawings. All public infrastructure in these phases has been deemed complete and meets the standards for acceptance.

The portions of the streets to be dedicated are as follows: Lacy Holt Road (50-foot public ROW) includes approximately 0.17 miles, Kress Drive (50-foot public ROW) is 0.07 miles, Sunfield Drive (50-foot public ROW) includes approximately 0.13 miles. The total length of roadway in these sections of the Forks of Alamance neighborhood is approximately 0.37 miles.

FISCAL IMPACT:

Low. While the anticipated revenues are not likely to cover the long-term maintenance of this street network, the City has been serving this neighborhood for trash and other services for some time. This acceptance of public improvements would increase resurfacing requirements as well as winter preparation and snow removal. Annual Powell Bill revenues are far less than what cost of upkeep and maintenance require. As such, there is a shortfall made up from the general fund each year to pay for roadway maintenance and eventual repaving.

STAFF RECOMMENDATION:

Approval.

SUGGESTED MOTION(S):

I move we approve the Resolution Adopting Ownership of the portions of Lacy Holt Road, Sunfield Drive, and Kress Drive located within Sections 3 & 4 of the Forks of Alamance subdivision.

A RESOLUTION ORDERING ADOPTION OF THE PORTIONS OF LACY HOLT ROAD, SUNFIELD DRIVE, AND KRESS DRIVE LOCATED WITHIN SECTIONS 3 AND 4 OF THE FORKS OF ALAMANCE SUBDIVISION

WHEREAS, NCGS §160D-806 and Article VIII, Section 10.339(d)(5) of the City of Graham Development Ordinance provide that City Council may, by resolution, accept offers of public dedication made to the public of lands and facilities for streets, sidewalks, open spaces and public utilities after verification from the Technical Review Committee that such properties and improvements are in a manner acceptable for acceptance; and

WHEREAS, the City of Graham has been provided with an offer of public dedication of lands and improvements of the portions of Lacy Holt Road, Sunfield Drive, and Kress Drive located within Sections 3 and 4 of the Forks of Alamance subdivision, which are described on legally recorded final plats in Plat Book 80, Pages 312 and Plat Book 81, Page 215 of the Alamance County Registry; and

WHEREAS, the City of Graham Technical Review Committee has reviewed the land and improvements placed upon them provided as part of the offer of public dedication, and such land and improvements have been found to be in compliance with standards in place for such land and improvements; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of Graham, North Carolina, that the offer of public dedication be accepted for those portions of Lacy Holt Road (50-foot public ROW), Kress Drive (50-foot public ROW), and Sunfield Drive (50-foot public ROW), as offered and recorded on the Final Plat for Forks of Alamance Section 3 in Plat Book 80, Page 312 and on the Final Plat for Forks of Alamance Section 4 in Plat Book 81, Page 215 of the Alamance County Registry; and

SECTION 1. Terms and Conditions of Acceptance:

- 1. The developer shall guarantee all materials and workmanship for a period of 12 months from the date of official acceptance by the City Council, as specified under Section 10.339 (d)(5)(c) of the City of Graham Development Ordinance;
- 2. The acceptance by the City Council shall not be interpreted in any way to relieve any developer, contractor, subcontractor, insurance company, owner, or other person of his individual or several obligations under any ordinance, policy, or contract or to otherwise reduce or eliminate the rights of the city, its agents and employees against any other party connected with or in any way related to the development of the subdivision and facilities. The acceptance shall not be interpreted as a waiver of any defense or immunities that the city, its agencies or employees may assert or be entitled to;
- 3. All rights, privileges and warranties of whatsoever nature and kind, for equipment, supplies, materials, goods, and services shall be assigned to the city and any and all benefits derived there from shall inure to the city, its agents, and employees. The acceptance of the lands and facilities shall be conditioned upon the owners covenanting and warranting that they are lawfully seized and possessed of all the lands and facilities dedicated to the public; that they have good and lawful authority to dedicate the same to the public for the stated purpose; that the lands and facilities are free and clear of any deed of trust, mortgage, lien or assessments and that the dedicators for their heirs, successors, executors, administrators, and assigns, covenant that they will warrant and defend the dedication of such land and facilities against any and all claims and demands whatsoever; and

SECTION 2. This Resolution shall become effective immediatel	y upon
adoption. This the 11 th day of July, 2023 at 6:00 p.m.	
	Jennifer Talley, Mayor
Attest:	
Renee Ward, City Clerk	
NORTH CAROLINA	
ALAMANCE COUNTY	
I hereby certify that the foregoing is a true and accurate of the City of Graham, North Carolina, at a meeting held on Graham.	urate copy of a resolution duly adopted by the City Council July 11, 2023, at 6:00 p.m. at the City Hall in the City of
IN WITNESS WHEREOF, I have hereunto set my hand be affixed, this the day of, 2023.	and have caused the official corporate seal of said City to
-	
	City Clerk

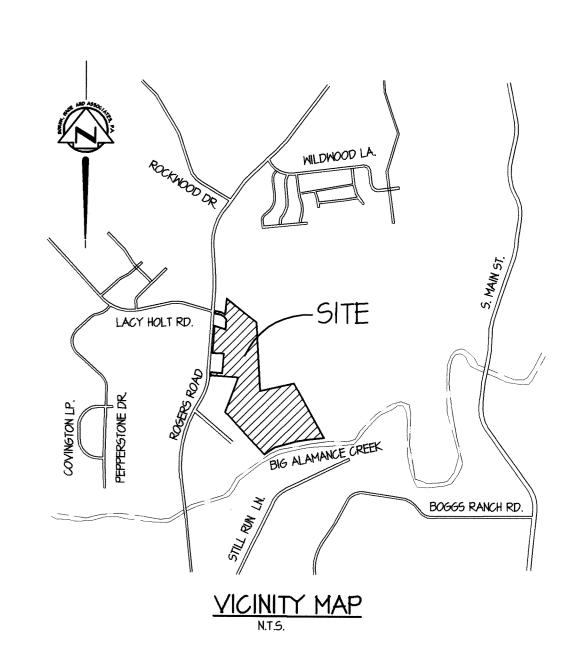
4. Acceptance of dedication of lands and facilities shall not obligate the city to construct, install, maintain, repair, replace, extend, improve, build or operate any public facilities or utilities which are not in existence as of the date of the acceptance of the lands and facilities. Such acceptance shall not obligate the city to construct any main, line, pipe, lateral, or other extension or permit connection to the city's water, sanitary sewer, storm sewer,

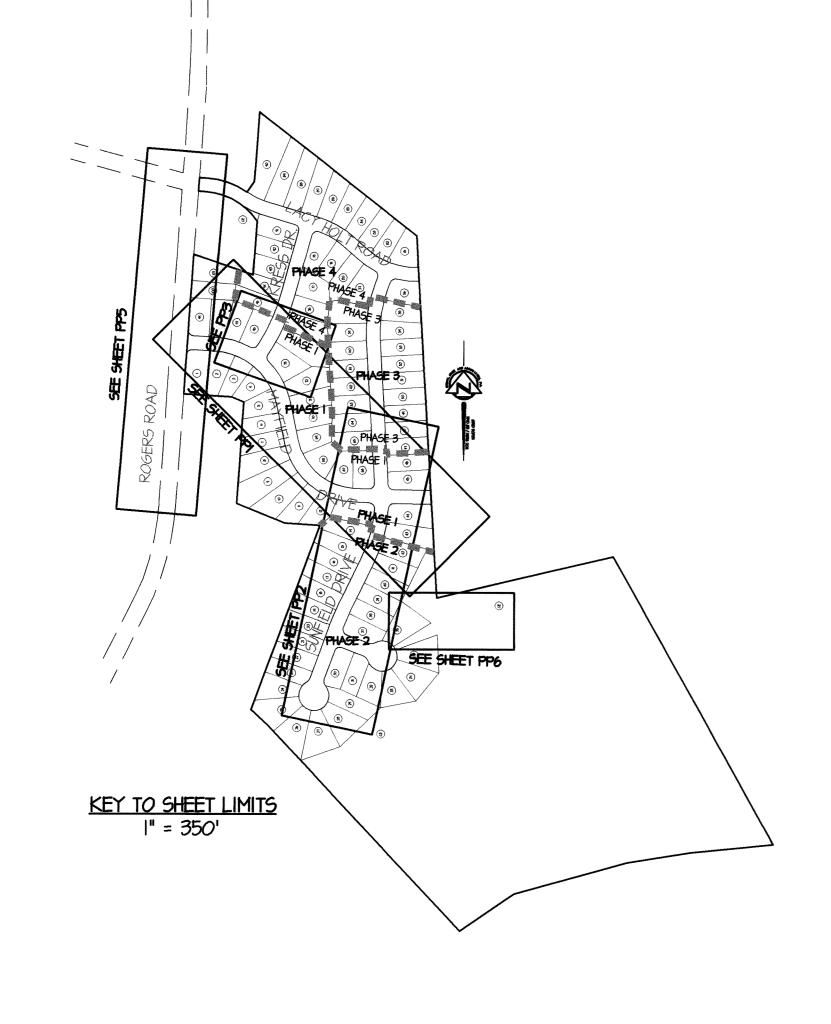
drainage or other public utilities systems.

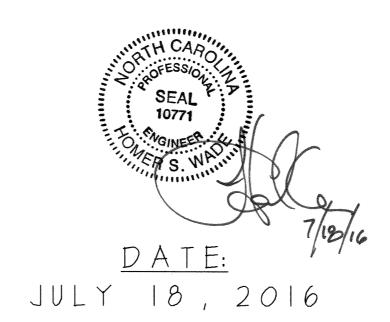
FORKS OF ALAMANCE SUBDIVISION

SECTION

ROGERS ROAD GRAHAM TOWNSHIP, ALAMANCE COUNTY GRAHAM, NORTH CAROLINA







OWNER:

CENTRAL ALAMANCE SCENIC HOUSING, LLC PO BOX 9147 GREENSBORO, NC 27429 PHONE: (336) 282 - 3535 CONTACT: DAVID MICHAELS

ENGINEER: Engineers Planners Surveyors Borum, Wade and Associates, P.A. 621 Eugene Court, Suite 100, Greensboro, NC 27401-2711 PO Box 21882 Greensboro, NC 27420-1882 Phone: 336-275-0471 Fax: 336-275-3719

Web: www.borum-wade.com N.C. License #: C-0868

SHEET EC-2:

SHEET EC-3:

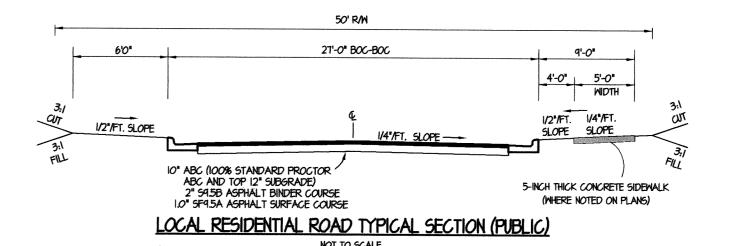
SHEET EC-4:

EWER

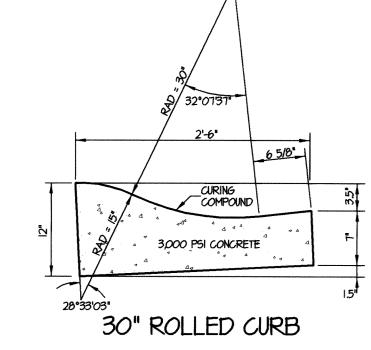
GRADING & EROSION CONTROL PLAN

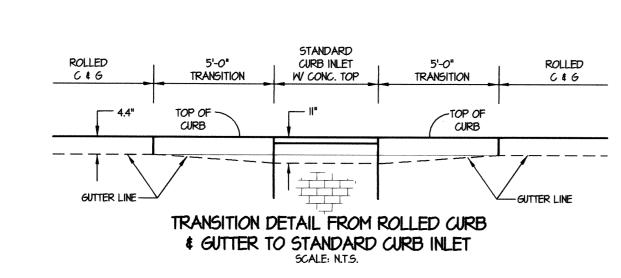
EROSION CONTROL DETAILS & INSETS

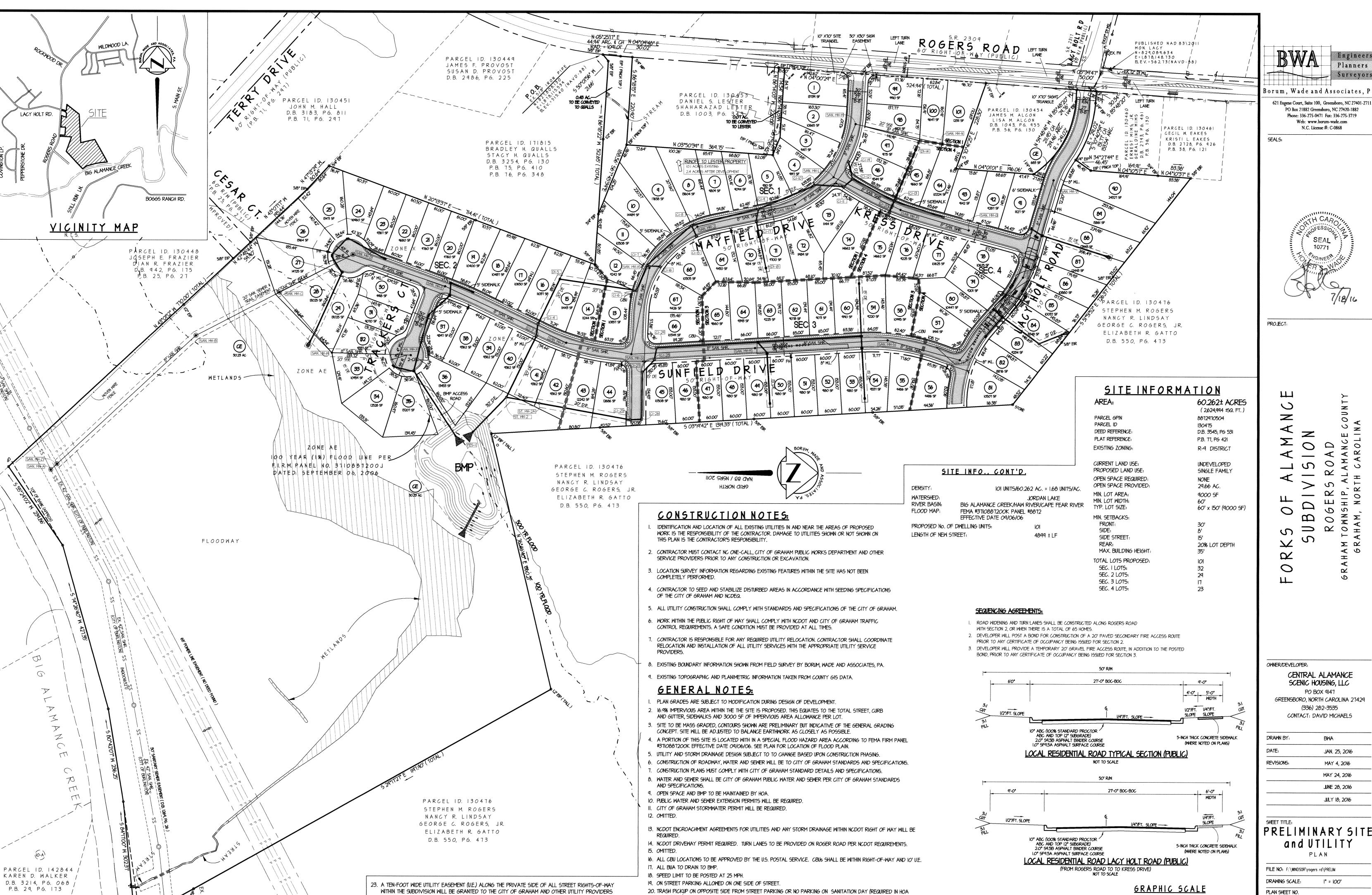
EROSION CONTROL DETAILS AND SPECIFICATIONS











21. 10' x 70' SIGHT TRIANGLE TO BE PROVIDED AT ALL STREET INTERSECTIONS.

22. THERE SHALL BE NO DISTURBANCE WITHIN ANY STREAM BUFFERS.

THE RIGHT TO INSTALL AND THEREAFTER MAINTAIN ANY AND ALL UTILITIES INCLUDING, BUT NOT LIMITED TO, WATER LINES, SEWER LINES, STORM SEWER LINES, ELECTRICAL POWER LINES, TELEPHONE

LINES, NATURAL GAS LINES, AND COMMUNICATION / INTERNET SYSTEMS.

Planners

Borum, Wade and Associates, P.A

PO Box 21882 Greensboro, NC 27420-1882 Phone: 336-275-0471 Fax: 336-275-3719 Web: www.borum-wade.com N.C. License #: C-0868



OWNER/DEVELOPER:

CENTRAL ALAMANCE SCENIC HOUSING, LLC

H = Z

PO BOX 9147 GREENSBORO, NORTH CAROLINA 27429 (336) 282-3535 CONTACT: DAVID MICHAELS

BWA JAN. 25, 2016 MAY 4, 2016 MAY 24, 2016 JUNE 28, 2016

PRELIMINARY SITE and UTILITY

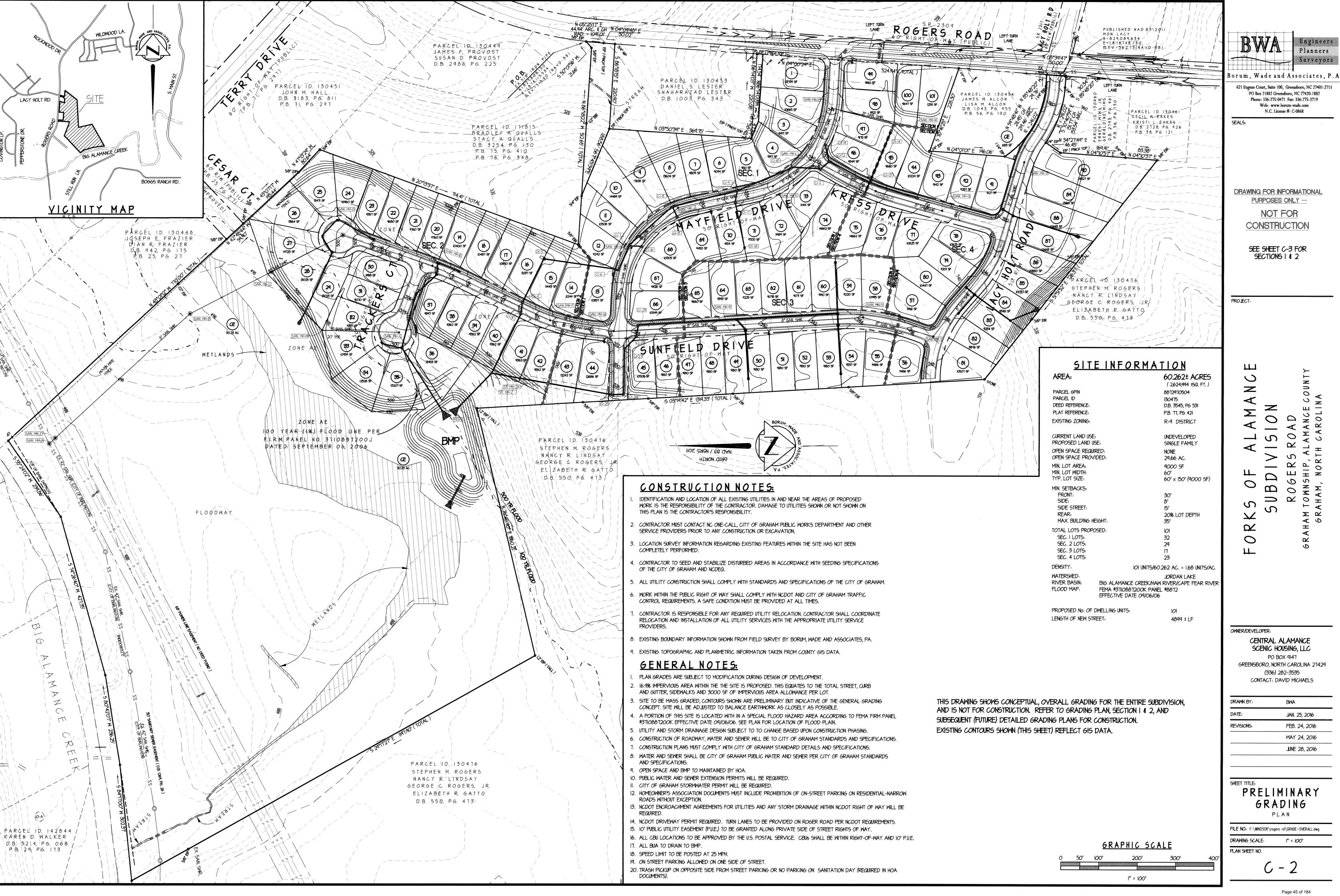
FILE NO: F:\WINDSOR\rogers rd\PRELIM DRAWING SCALE:

Page 44 of 184

JULY 18, 2016

l" = 100'

GRAPHIC SCALE



Planners Surveyors

> 621 Eugene Court, Suite 100, Greensboro, NC 27401-2711 PO Box 21882 Greensboro, NC 27420-1882 Phone: 336-275-0471 Fax: 336-275-3719 Web: www.borum-wade.com N.C. License #: C-0868

DRAWING FOR INFORMATIONAL PURPOSES ONLY --

> **NOT FOR** CONSTRUCTION

SEE SHEET C-3 FOR SECTIONS | \$ 2

0

OWNER/DEVELOPER:

CENTRAL ALAMANCE SCENIC HOUSING, LLC

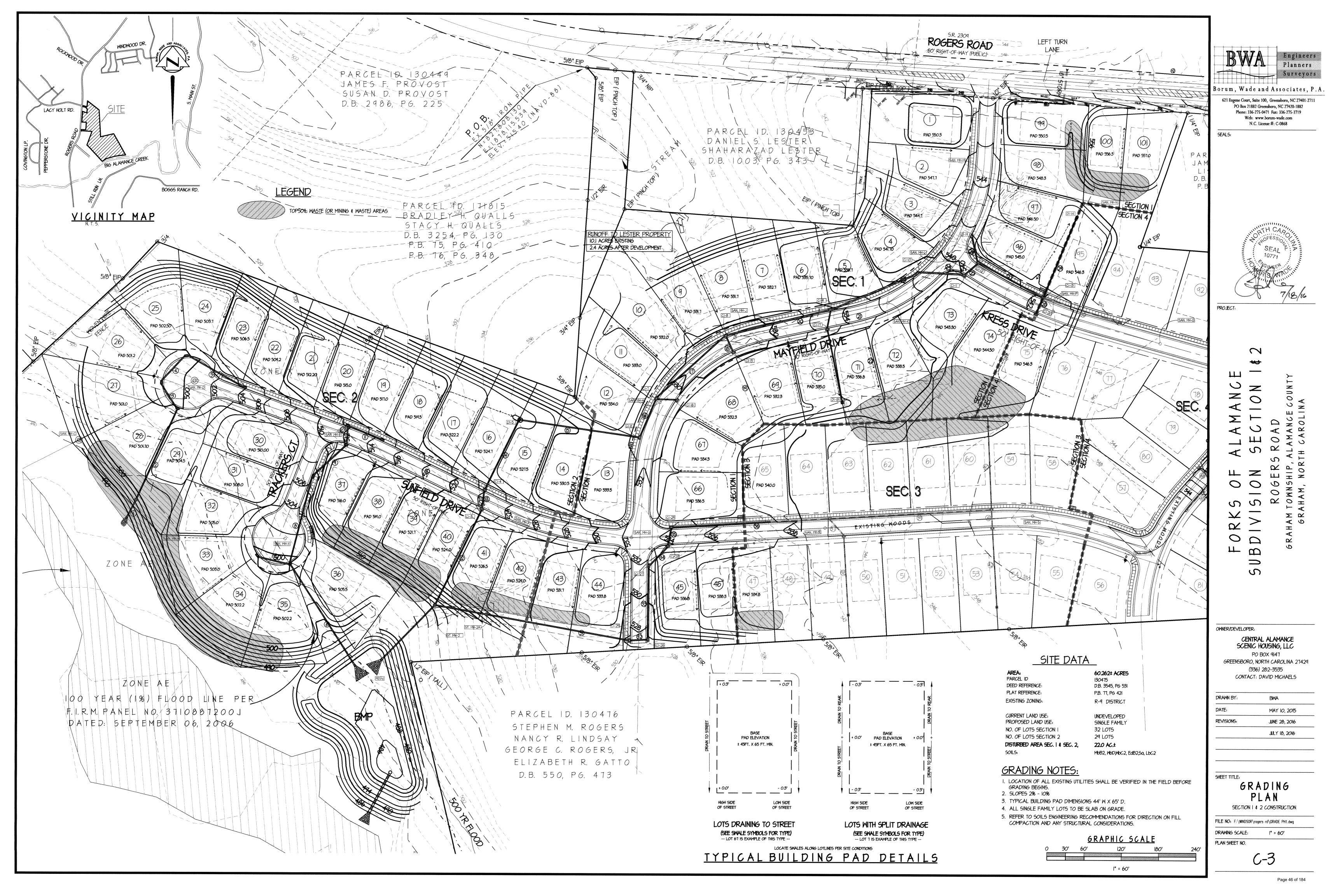
PO BOX 9147 GREENSBORO, NORTH CAROLINA 27429 (336) 282-3535 CONTACT: DAVID MICHAELS

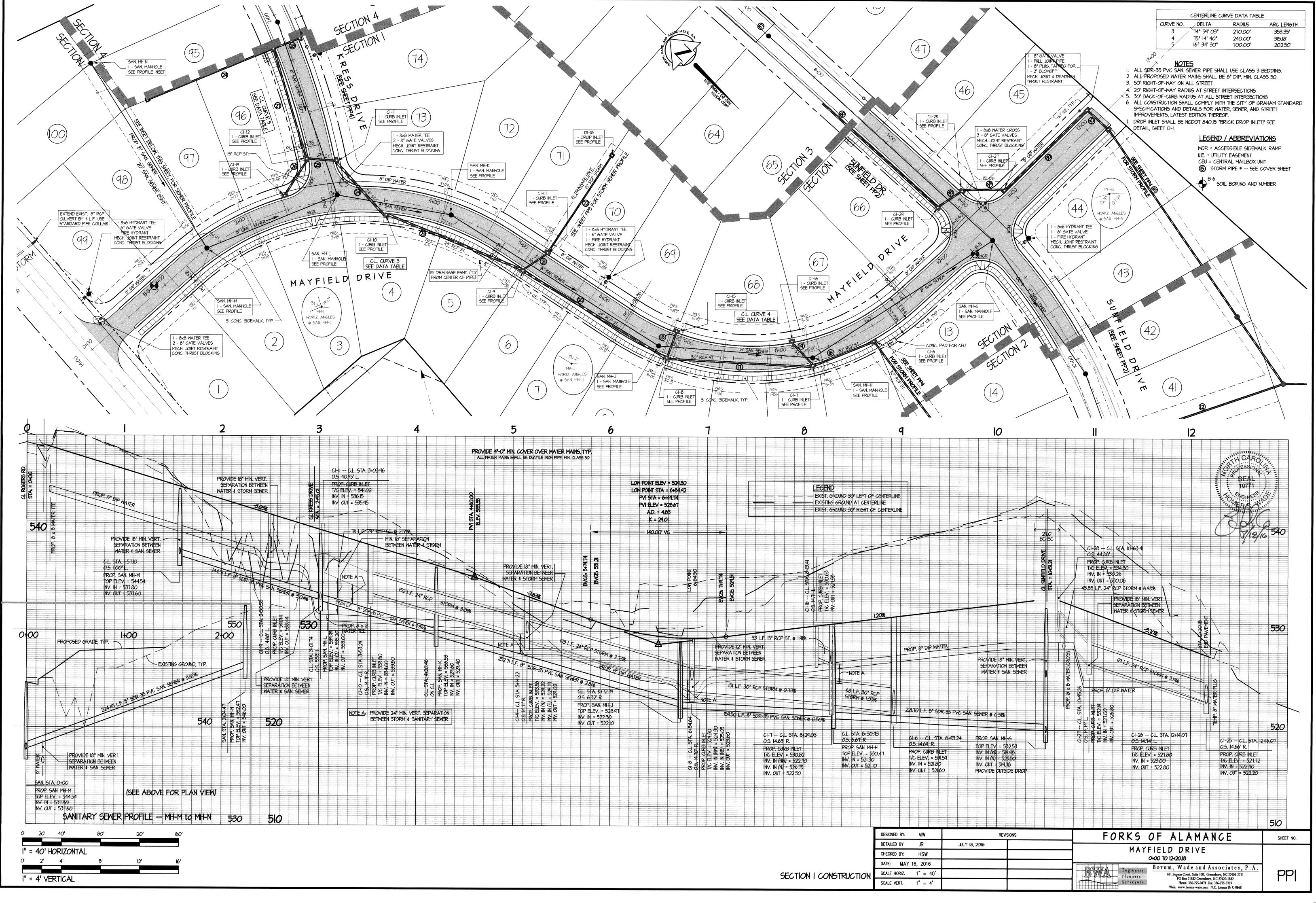
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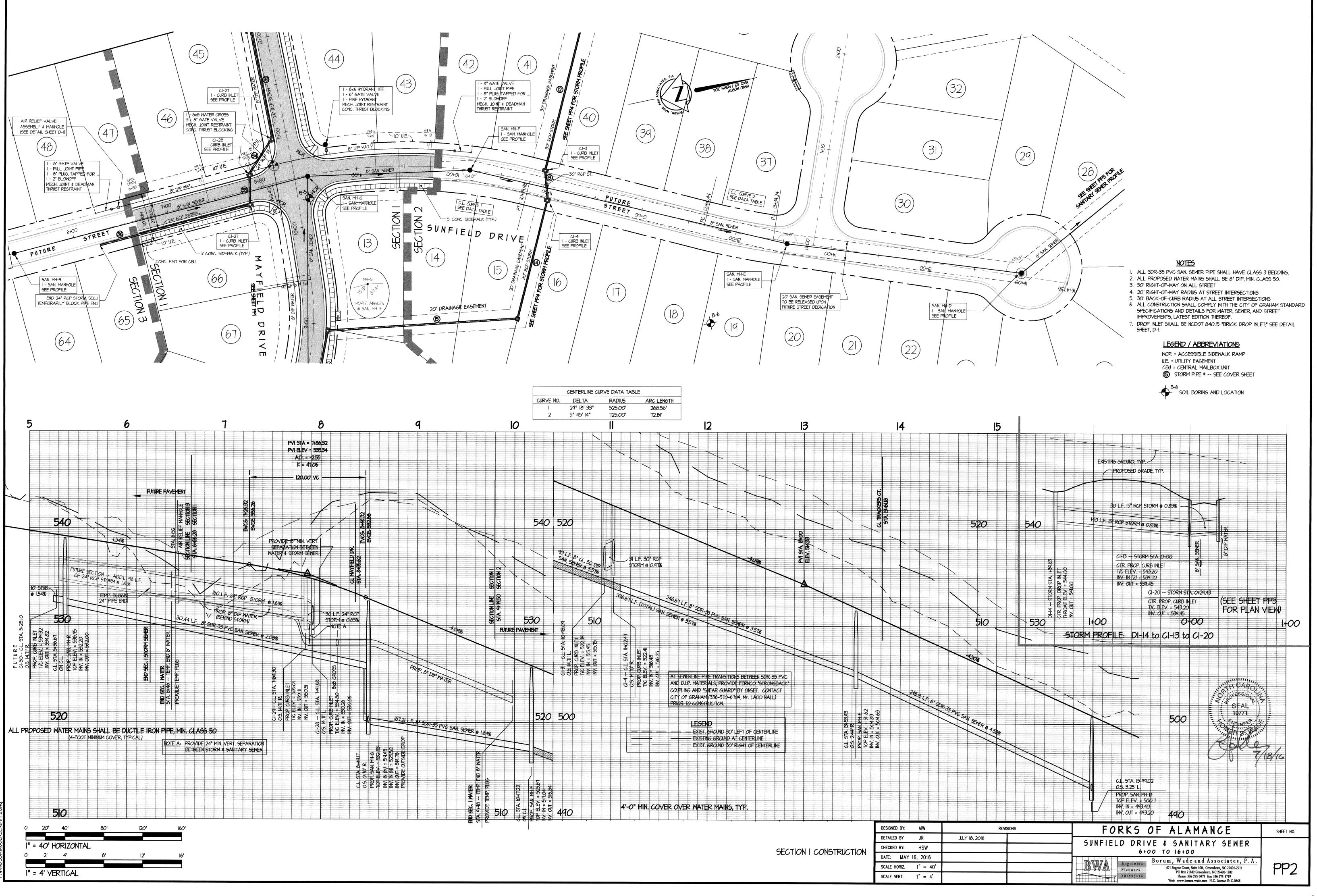
PRELIMINARY GRADING PLAN

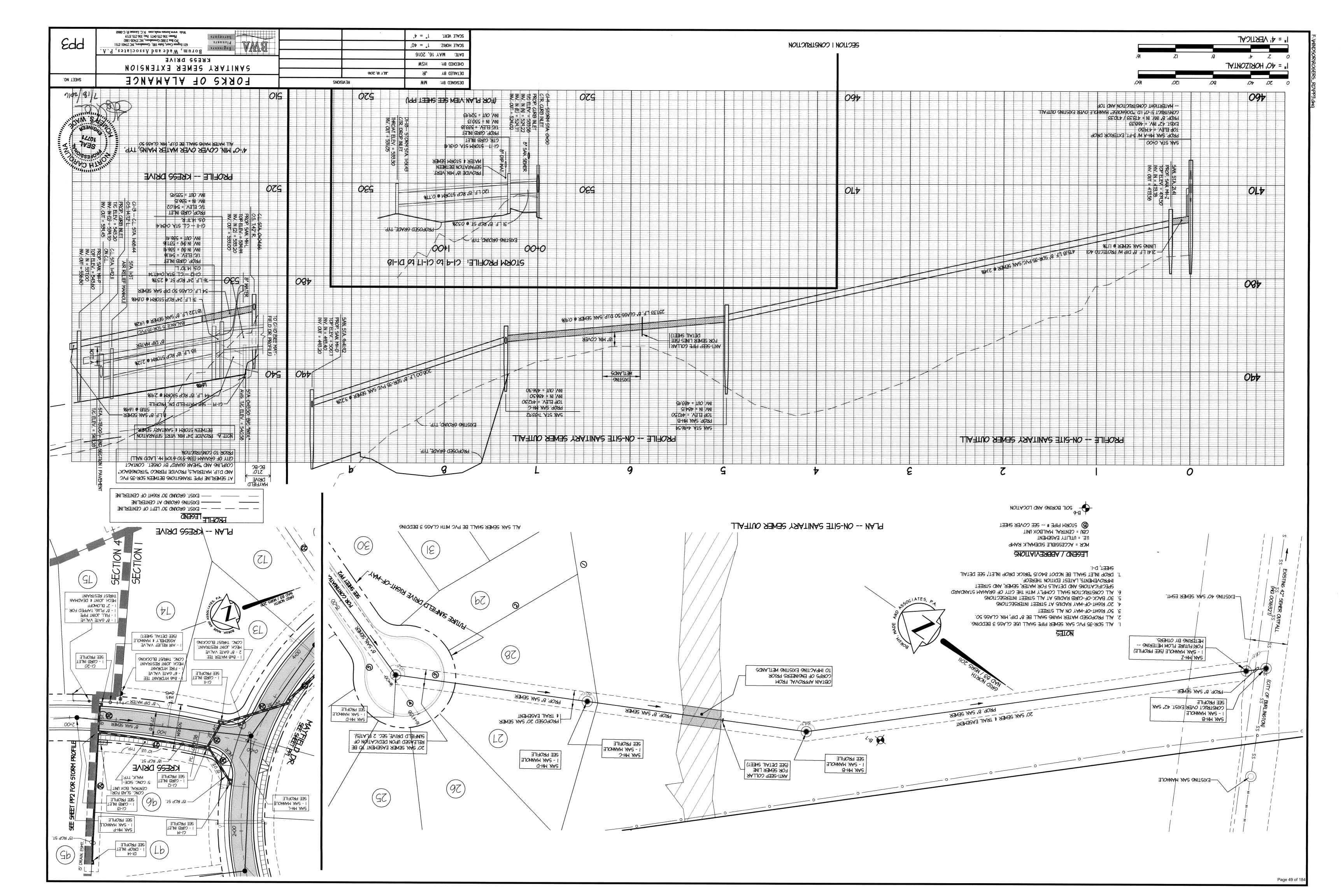
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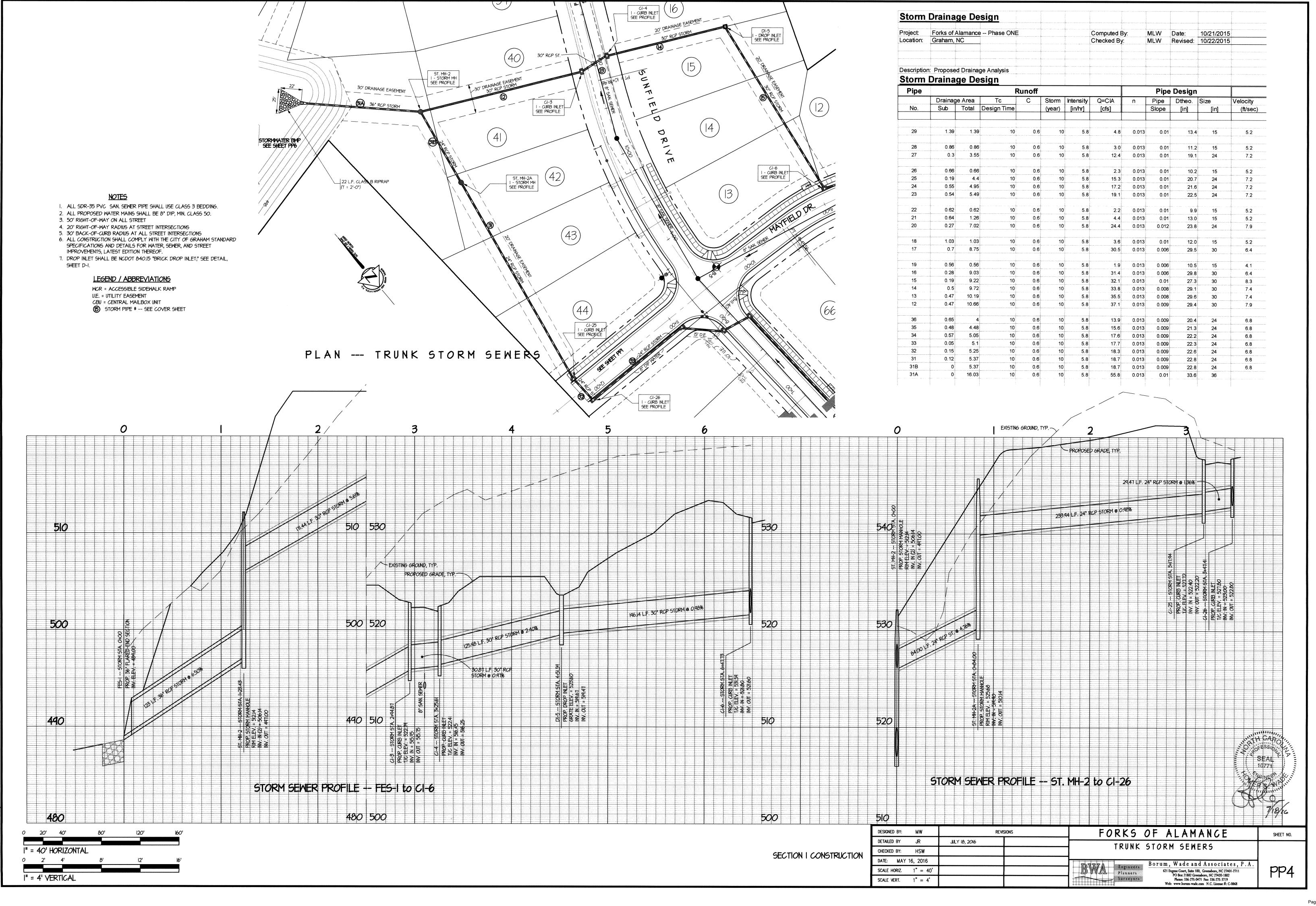
C-2

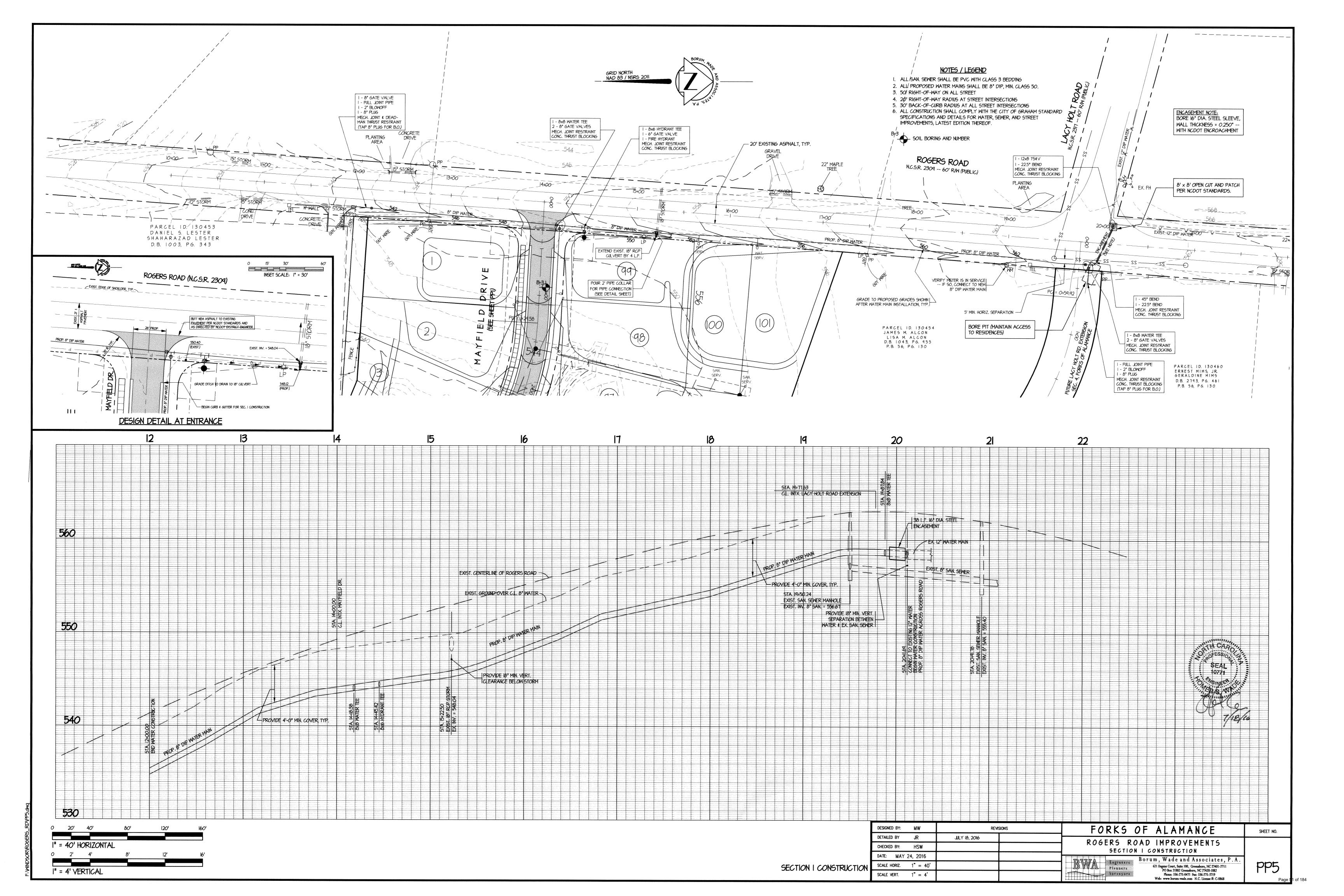


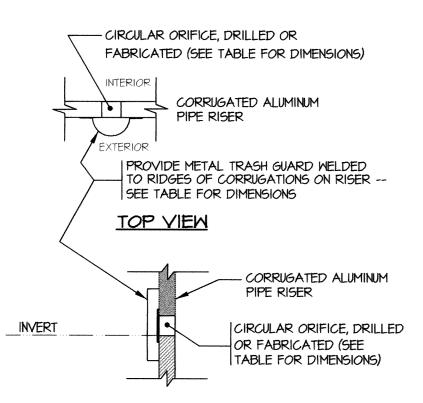




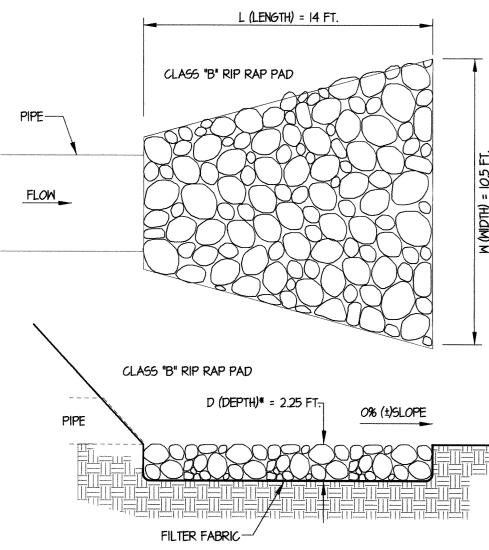




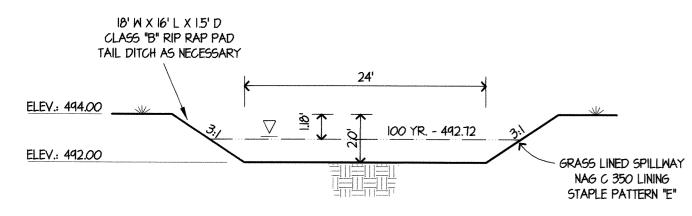




| SIDE VIEW | TRASH GUARD DATA TABLE | GUARD DIMENSIONS | BASIN No. | DIA. | INVERT | GUANTITY | (HT. x DIA.) | O | 15" | 485.00 | | 18" x 18"



RIP RAP APRON 6
BMP PIPE INLET



EMERGENCY SPILLWAY

DETAIL

NT.5.

POND MAINTENANCE AND INSPECTIONS PLAN

ROUTINE MAINTENANCE: A) MOWING: MOW ALL AREAS SURROUNDING POND AT LEAST ONCE EVERY QUARTER AND MORE OFTEN WHEN

- A) MOVING: MOW ALL AREAS SURROUNDING POND AT LEAST ONCE EVERY QUARTER AND MORE OFTEN WHEN
 REQUIRED DURING THE GROWING SEASON (OWNER TO CONTRACT THIS WORK).
 B) DEBRIS REMOVAL: REMOVE ALL TRASH AND DEBRIS FROM POND AND SURROUNDING BANKS. INSPECT
 ORIFICE FOR TRASH AND IMMEDIATELY REMOVE ANY VEGETATION GROWTH IN RISER AND
- KEEP THE BARREL OUTLET CLEAR OF TREE LIMBS AND SEDIMENT. INSPECT TWICE A MONTH AND AFTER MAJOR STORMS. (INSPECTION BY OWNER'S REPRESENTATIVE)

 C) MINOR SLOPE FAILURES: REPAIR BY FILLING ERODED AREAS WITH SUITABLE MATERIAL, COMPACTING MATERIAL IN PLACE, AND RE-SEED OR SOD. UTILIZE TEMPORARY EROSION CONTROL MEASURES AND
- MATERIAL IN PLACE, AND RE-SEED OR SOD. UTILIZE TEMPORARY EROSION CONTROL MEASURES AN DEVICES AS NECESSARY TO RE-STABILIZE REPAIRED AREAS. (OMNER'S REPRESENTATIVE)

 D) PERIODIC INSPECTION: PERIODIC INSPECTION INSPECT POND AFTER ALL MAJOR STORM EVENTS (MORE THAN 2 INCHES OF RAINFALL IN 24 HOURS) OR AFTER EXTENDED PERIODS OF RAIN (MORE THAN 2 TO 3 DAYS). LOOK FOR DAMAGE TO INLET CHANNELS, SPILLWAYS, DEBRIS BUILD-UP AT
- SPILLWAY AND ERODED OR SLUMPED EMBANKMENTS. (OWNER'S REPRESENTATIVE)

 E) TREES AND BRUSH: TREES AND BRUSH SHOULD NOT BE PERMITTED ON EMBANKMENTS, IN SPILLWAYS,
 AND IN MAINTENANCE ACCESS AREA. REGULAR MOWING WILL PREVENT UNMANTED GROWTH. (OWNER'S
 REPRESENTATIVE)
- F) MISCELLANEOUS ITEMS: EXCESSIVE PLANT GROWTH, ALGAE BLOOMS, ODORS, DISCOLORATION, ANIMAL PESTS, ETC. SHOULD BE ADDRESSED WITH THE GOVERNMENTAL OFFICE HAVING JURISDICTION FOR WATERSHED PROTECTION ON AN AS NEEDED BASIS. SOLUTIONS TO THESE TYPES OF PROBLEMS SHOULD BE NON-CHEMICAL AND DEEMED SAFE FOR DRINKING WATER SUPPLY RESERVOIR APPLICATION.

 6) CITY OF GREENSBORD INSPECTIONS: PERIODIC MAINTENANCE INSPECTIONS WILL BE PERFORMED BY THE

OF THE RESULTS OF THESE INSPECTIONS AND ANY MAINTENANCE REQUIRED.

NON-ROUTINE MAINTENANCE:

THESE MAINTENANCE ITEMS MAY REQUIRE A REGISTERED PROFESSIONAL ENGINEER TO PREPARE A PLAN AND/OR DETAILS AND TO CERTIFY COMPLETION IN ACCORDANCE WITH THE PLAN AND/OR DETAILS. ALL ALL REVISIONS AND REPAIRS SHALL BE DONE IN ACCORDANCE WITH THE CITY OF GREENSBORO GUIDELINES AND SPECIFICATIONS.

CITY OF GREENSBORD FOR WATERSHED PROTECTION. THE OWNERS ASSOCIATION SHALL BE NOTIFIED

- AND SPECIFICATIONS.

 A) SEDIMENT CLEAN-OUT SEDIMENT REMOVAL FROM THE POND, FOREBAYS, OR RIP RAP BAFFLES SHALL

 BE REQUIRED WHEN SEDIMENT DEPOSITION IN THE FOREBAY EXCEEDS THE DESIGNED SEDIMENT STORAGE

 CAPACITY FOR THE FOREBAY. (IF SEDIMENT BARS ARE VISIBLE NEAR INLET DISCHARGE OR THE

 SEDIMENT LEVEL AT POND INLET IS LESS THAN ONE FOOT BELOW THE NORMAL SURFACE). DEPTH

 MEASUREMENTS RELATIVE TO THE NORMAL POOL SHOULD BE TAKEN AT SEVERAL LOCATIONS AROUND

 THE POND. SEDIMENT MUST BE REMOVED WHEN MEASURED DEPTH IS LESS THAN DESIGN PERMANENT POOL.
- ONNERS' REPRESENTATIVE TO HIRE CONTRACTOR ACCUSTOMED TO THIS TYPE OR WORK.

 B) CHANNEL STABILIZATION REPAIR SMALL RILLS BY SODDING. RESHAPING AND REVEGETATION OF WATERWAY WILL BE NECESSARY FOR LARGER FAILURES. MAINTAIN RIP RAP CHANNELS TO PREVENT TREE/BRUSH GROWTH ON BANKS AND BOTTOMS. REPLACE RIP RAP AS REQUIRED TO MAINTAIN DESIGN
- CAPACITY.

 C) PRINCIPAL SPILLWAY INSPECT SPILLWAYS FOR IMPROPER ALIGNMENT, CRACKS, LEAKS, CORROSION,
 BLOCKAGE, ETC. SPILLWAY REPAIRS SHALL BE DETAILED, APPROVED, CONSTRUCTED, AND CERTIFIED
- IN ACCORDANCE WITH CITY OF GREENSBORO GUIDELINES.

 D) VALVES AND GATES: OPERATE POND DRAIN VALVE FROM THE FULLY CLOSED TO THE FULLY OPEN POSITION AT LEAST TRUCE A YEAR (CHANGES ASSOCIATION DEPOPERATE TO THE FULLY OPEN POSITION DEPOPERATE TRUE)
- AT LEAST TWICE A YEAR. (OWNERS ASSOCIATION REPRESENTATIVE)

 E) DAM FAILURES FAILURES WHICH ENDANGER THE STRUCTURAL INTEGRITY OR WATERTIGHTNESS OF THE DAM SHALL HAVE A PLAN AND DETAIL PREPARED TO REPAIR SAID DAMAGE.
- SHALL HAVE A PLAN AND DETAIL PREPARED TO REPAIR SAID DAMAGE.

 F) SEEPAGE SEEPAGE CONTROL MEASURES WILL BE REQUIRED IF THE SAFETY OF THE DAM IS THREATENED.

 ALL METHODS TO CONTROL SEEPAGE MUST BE DESIGNED TO AND CONSTRUCTED UNDER THE SUPERVISION

 OF AND CERTIFIED BY A PROFESSIONAL ENGINEER EXPERIENCED WITH DAMS.

POND CONSTRUCTION SEQUENCE

- SCHEDULE PRE-CONSTRUCTION MEETING WITH ENGINEER AND CITY OF GREENSBORD POND INSPECTOR.
 INSTALL EROSION CONTROL DEVICES WHERE POSSIBLE. (STONE ENTRANCE, ETC.)
 CLEAR AREA OF CONSTRUCTION LIMITS.
- EXCAYATE FOR POND AND BEGIN DAM CONSTRUCTION (SEE NOTES AND DETAILS).
 INSTALL SPILLWAY (PER DETAILS). POND DRAIN TO REMAIN IN OPEN POSITION.
 PROVIDE RIP RAP DONUT IN FRONT OF POND DRAIN WHILE IN OPEN POSITION.
- PROVIDE RIP RAP DONUT IN FRONT OF POND DRAIN WHILE IN OPEN POR

 INSTALL STORM SEMER OUTFALL.

 GEED BENAMING OF TIPEED AREAG.
- SEED REMAINING DISTURBED AREAS.
 ONCE POND HAS BEEN FINALIZED AND CONSTRUCTION APPROVED, CLOSED DRAIN ON SPILLWAY.

POND EMBANKMENT SPECIFICATION

ALL FILL MATERIAL SHALL BE COMPACTED TO PRODUCE A MINIMUM DEGREE OF COMPACTION OF 95% STANDARD PROCTOR (ASTM D646) FOR NATURAL SOIL FILL MATERIAL (GRANULAR OR CLAYEY). FILL MATERIAL SHALL BE SPREAD IN UNIFORM LIFTS NOT EXCEEDING 6 INCHES IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO OPTIMUM MOISTURE CONTENT FOR COMPACTION. WHEN FILL IS BROUGHT TO FINAL GRADE, THE CONTRACTOR SHALL DRESS THE FILL TO DRAIN AND PREVENT PONDING. THE CUT-OFF TRENCH AND DAM CORE TO BE CONSTRUCTED OF CLAYEY MATERIAL IN ORDER TO PROVIDE IMPERMEABLE CORE WHEN COMPACTION IS COMPLETE. FOLLOW DIRECTIONS OF THE SOILS ENGINEER THROUGHOUT THE INSTALLATION PROCESS.

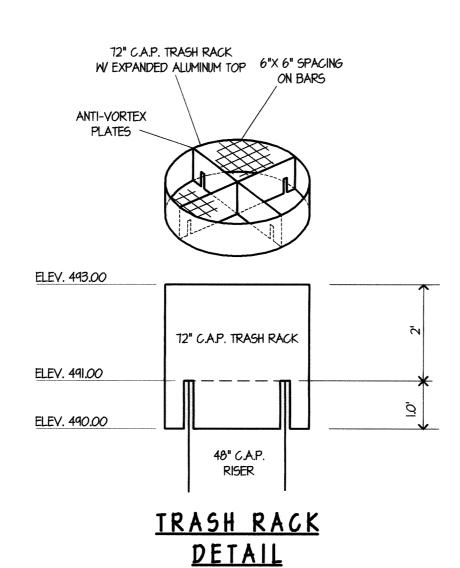
DAM SAFETY NOTE:

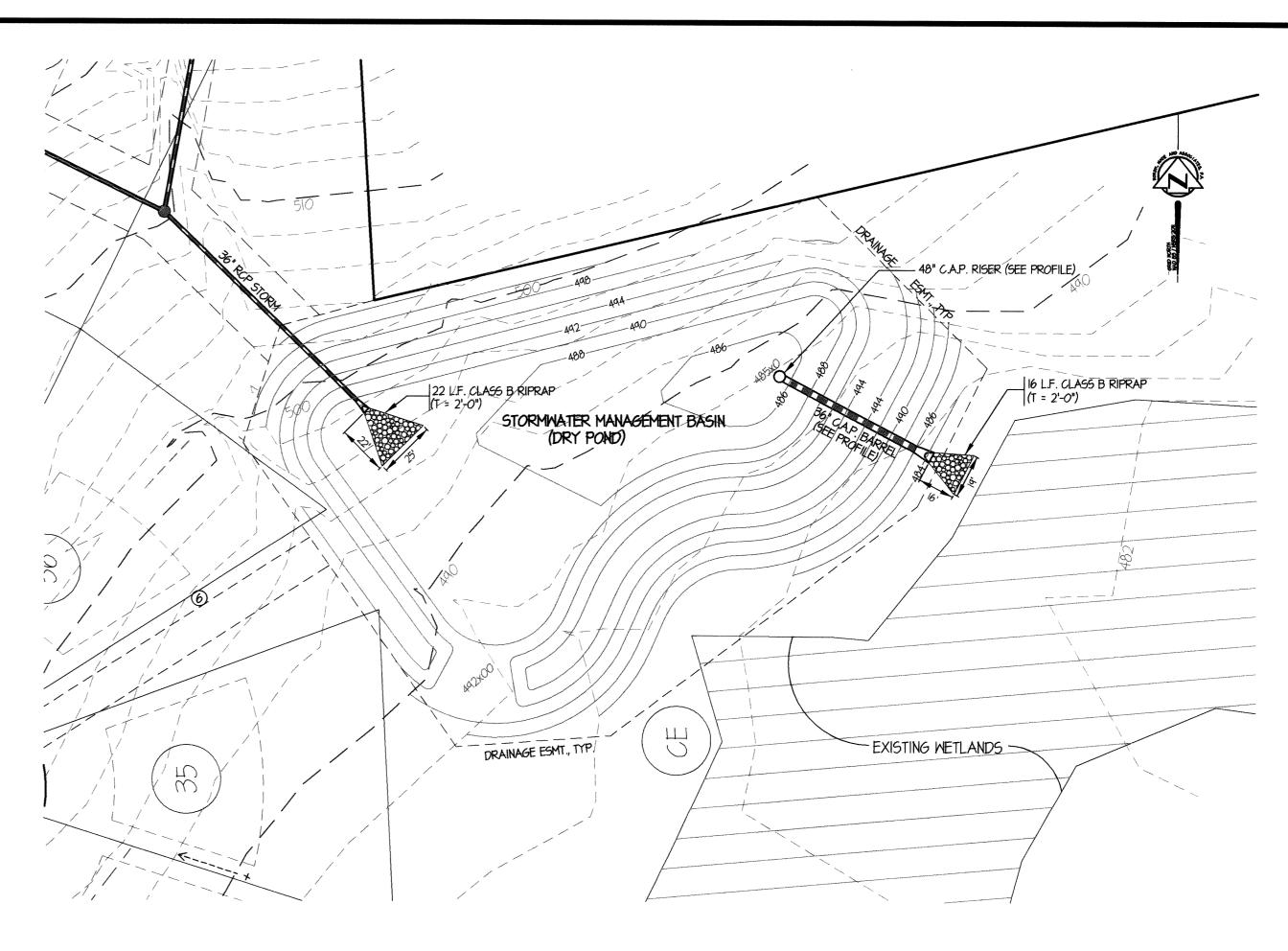
THE STORMMATER POND AND DAM SHOWN ON THIS PLAN SATISFIES REQUIREMENTS OF THE NORTH CAROLINA STATE DAM SAFETY LAW OF 1967 (AS AMENDED THROUGH 1995) AND THE RULES AND REGULATIONS AS PRESENTED IN THE NORTH CAROLINA ADMINISTRATIVE CODE TITLE 15A, SUBCHAPTER 2K - DAM SAFETY. EVEN IN THE CASE WHERE THE DAM SHOWN ON THIS PLAN IS DETERMINED BY THE STATE TO BE EXEMPT FROM THE ABOVE NOTED DAM SAFETY REQUIREMENTS, THE POND AND DAM ARE DESIGNED TO BE SAFE AND ADEQUATE FOR THE PROTECTION OF PUBLIC HEALTH, SAFETY, WELFARE, AND DOWNSTREAM PROPERTY. THIS NOTE SHALL NOT RELIEVE THE ONNER OR OPERATOR OF THE POND AND DAM FROM THE LEGAL DUTIES, OBLIGATIONS, AND LIABILITIES ARISING FROM SUCH OWNERSHIP OR OPERATION

IN ACCORDANCE WITH THE REQUIREMENTS IN ARTICLES 65 143-215.25A AND 143-215.26 OF THE NC DAM SAFETY LAW AND NC ADMINISTRATIVE CODE 15A NCAC 2K.0200, THE REGIONAL ENGINEER IN THE WINGTON-SALEM REGIONAL OFFICE OF THE NC STATE'S LAND QUALITY SECTION HAS BEENWILL BE CONTACTED FOR THE DETERMINATION OF WHETHER THE PROPSED DAM IS GOVERNED BY OR EXEMPT FROM DAM SAFETY LAW.

WETLAND/ENVIRONMENTAL NOTE:

ALL THE NECESSARY APPROVALS HAVE BEEN (WILL BE) OBTAINED FROM STATE & CORPS FOR ANY WETLAND DISTURBANCE AND STREAM CROSSING DISTURBANCE.





STORMWATER BASIN PLAN SCALE: 1" = 40'

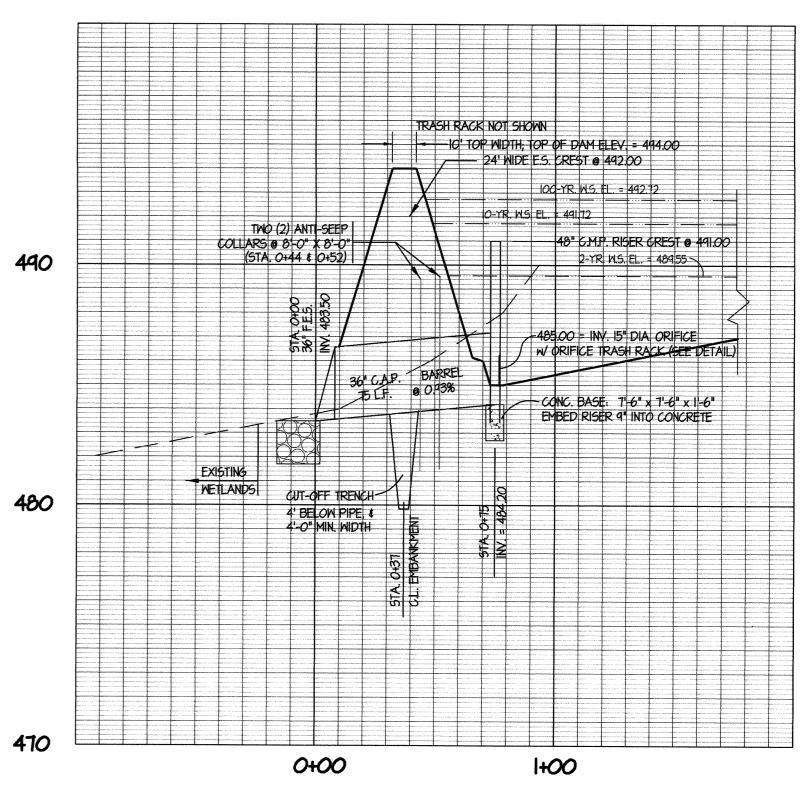
ENGINEER'S CERTIFICATION OF STORMWATER QUANTITY CONTROL

THE STORMWATER CONTROL STRUCTURE SHOWN ON THIS PLAN IS DESIGNED TO REDUCE THE PEAK FLOW RATES IN THE POST-DEVELOPMENT I-YEAR 24 HOUR STORM EVENT, THE 2-YEAR 24 HOUR STORM EVENT AND THE IO-YEAR 24 HOUR STORM EVENT TO PRE-DEVELOPMENT PEAK FLOW RATES.

P.E. SEAL

10771

DEVELOPMENT



PRINCIPAL SPILLWAY PROFILE

HORIZ. SCALE: | = 40'

VERT. SCALE: | = 4'

BWA Engineers
Planners
Surveyors

Borum, Wade and Associates, P.

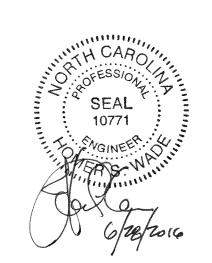
621 Eugene Court, Suite 100, Greensboro, NC 27401-2711
PO Box 21882 Greensboro, NC 27420-1882

Phone: 336-275-0471 Fax: 336-275-3719

Web: www.borum-wade.com

N.C. License #: C-0868

SEALS:



PROJECT:

FORKS OF ALAMANCE SUBDIVISION ROGERS ROAD

OWNER/DEVELOPER:

CENTRAL ALAMANCE
SCENIC HOUSING, LLC

PO BOX 9147
GREENSBORO, NC 27429
(336) 282-3535
CONTACT: DAVID MICHAELS

DRAWN BY: JR

DATE: MAY 31, 2016

REVISIONS:

STORMWATER MGMT. BASIN PLAN & DETAILS

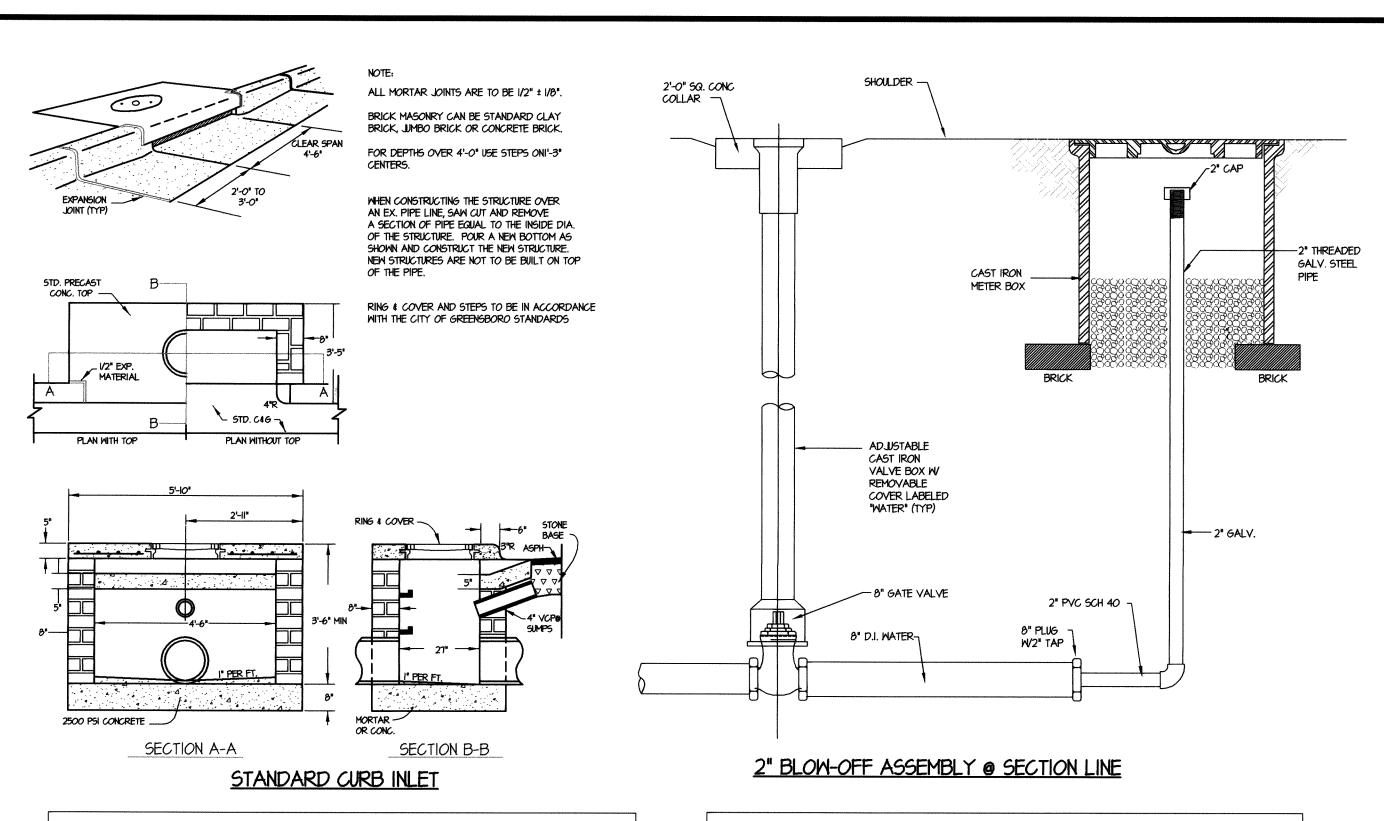
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DRAWING SCALE: AS SHOWN

PLAN SHEET NO.

PP6

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PROVIDE CHECK VALVE IN AIR RELIEF VALVE ASSEMBLY IF AIR RELIEF VALVE IS HIGHER THAN DISCHARGE ELEVATION

2" PVC SCHEDULE 80 AIR RELIEF DISCHARGE-POINTING DOWN.

SUPPORT M.H. ON BRICKS WHILE POURING CONC. BASE.

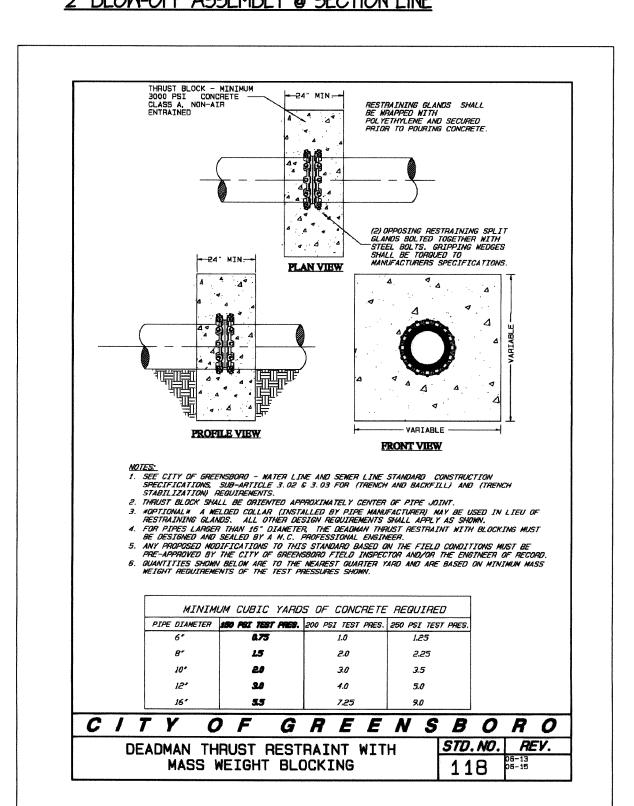
SS-3

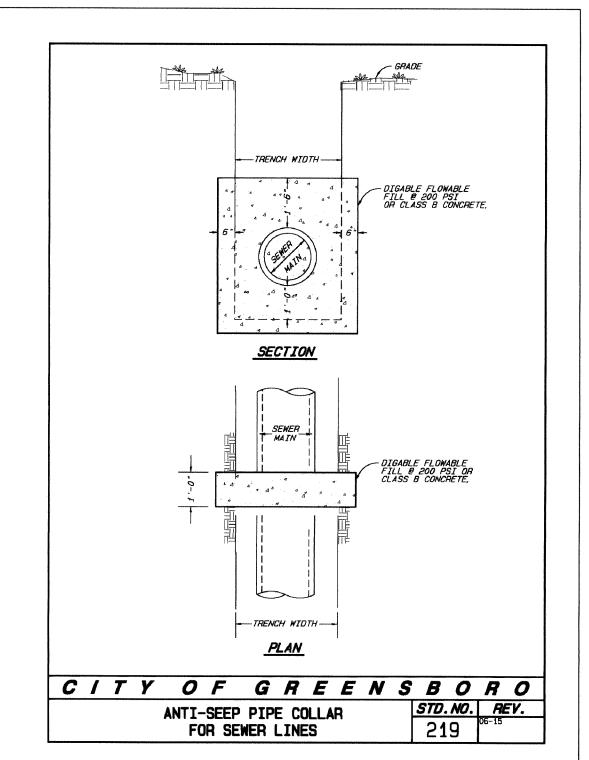
DWG NO. REV.
T:DETAILS/GRAHAM
DETAILS/2015
DETAILS/SEWER 2/1/15

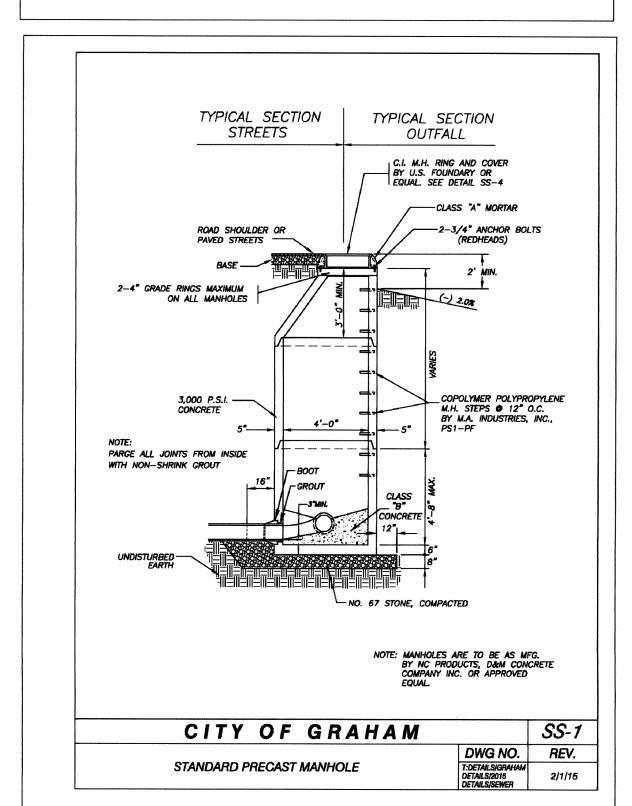
SECTION THRU MANHOLE

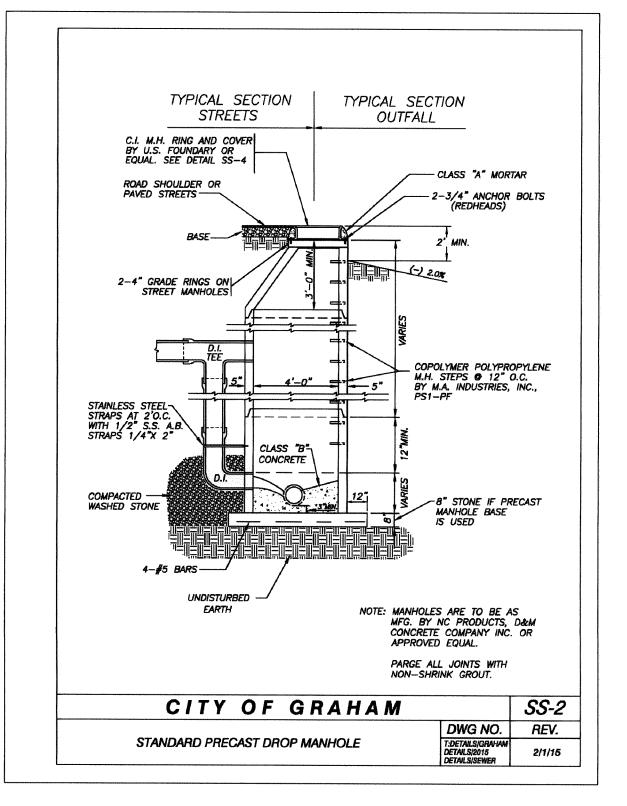
CITY OF GRAHAM

AIR RELIEF VALVE WITH ASSEMBLY & MANHOLE









ELEVATION

SIDE ELEVATION

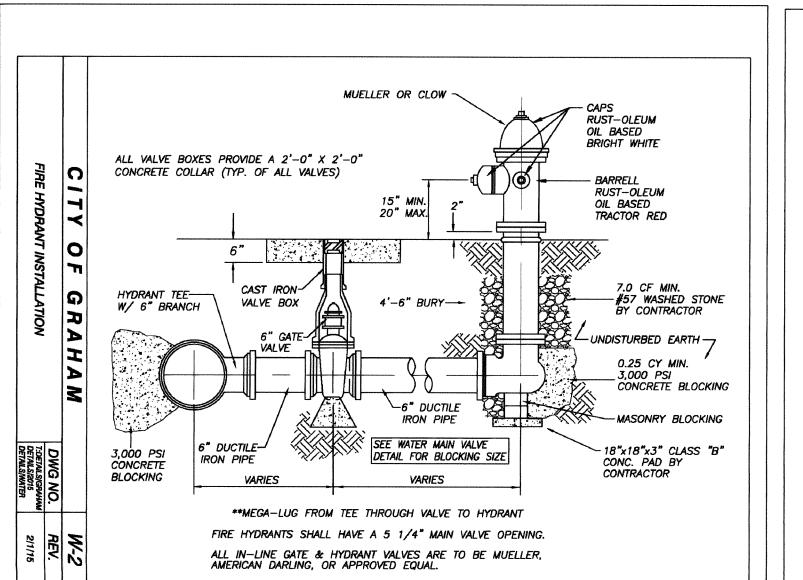
USE 12 INCH DIAMETER VALUES FOR PIPE DIAMETERS LESS THAN 12 INCH.

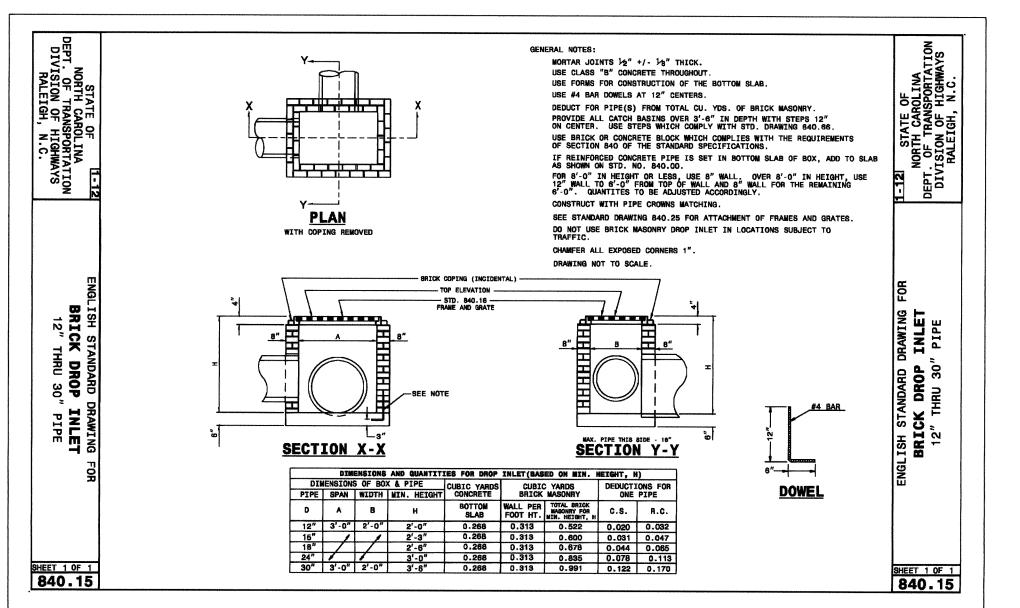
STANDARD PIPE COLLAR

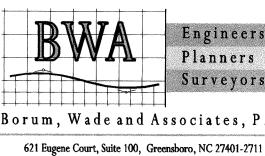
CITY OF GREENSBORO

STD. NO. REV.

419







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Planners

SEALS:



PROJECT:

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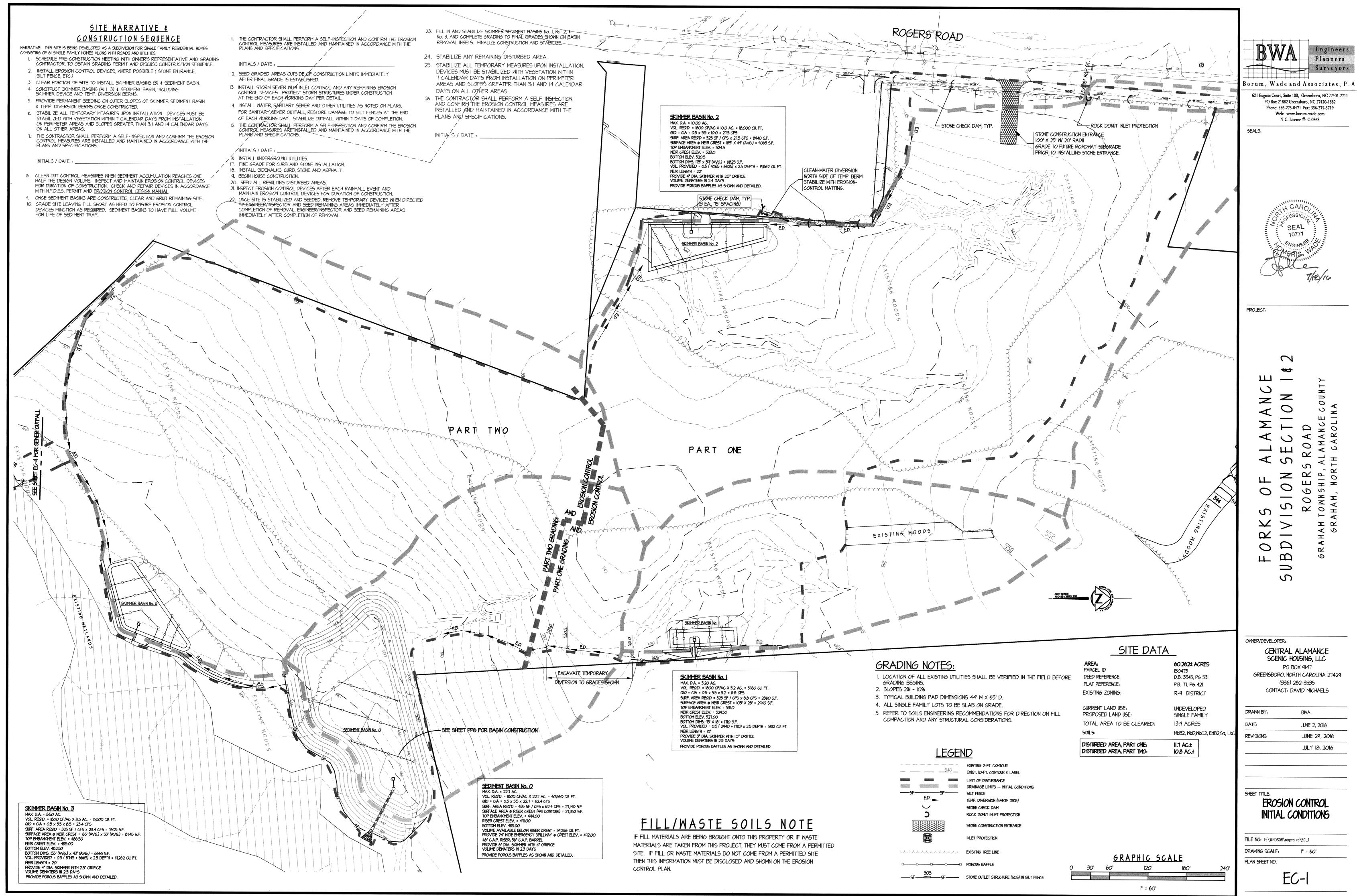
OWNER/DEVELOPER: CENTRAL ALAMANCE SCENIC HOUSING, LLC PO BOX 9147 GREENSBORO, NC 27429 (336) 282-3535

CONTACT: DAVID MICHAELS

DRAWN BY:	JR
DATE:	JUNE 27, 2016
REVISIONS:	JULY 18, 2016

SITEWORK DETAILS

FILE NO: F:\WINDSOR\ROGERS_RD\D_1.dwg DRAWING SCALE: as shown PLAN SHEET NO.



Page 54 of 184

BWA

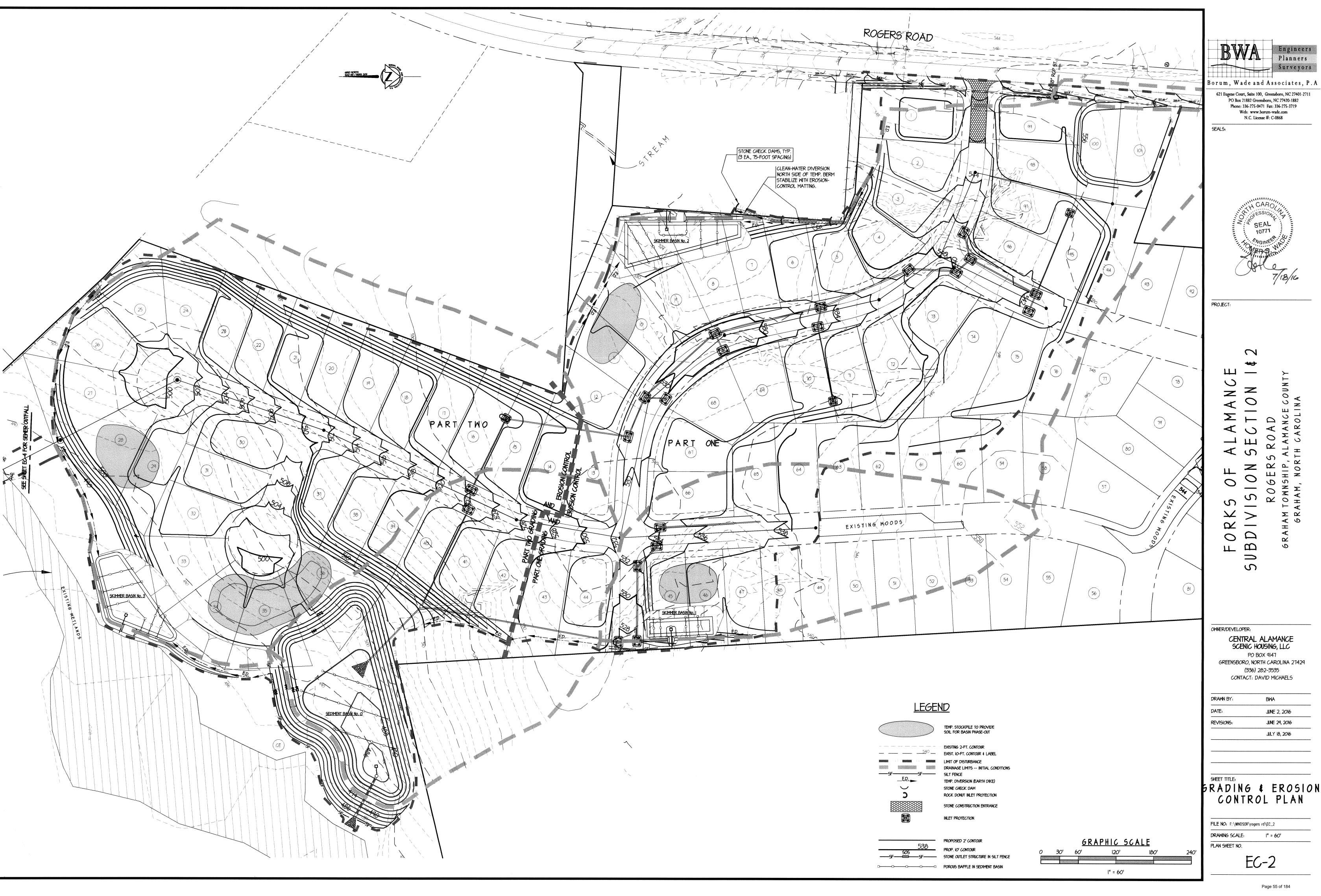
JUNE 2, 2016

JUNE 29, 2016

JULY 18, 2016

Planners

Surveyors



Engineers Planners

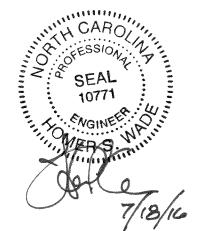
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N.C. License #: C-0868



F UB S

OWNER/DEVELOPER:

CENTRAL ALAMANCE SCENIC HOUSING, LLC PO BOX 9147 GREENSBORO, NORTH CAROLINA 27429 (336) 282-3535 CONTACT: DAVID MICHAELS

DRAWN BY:	BWA
DATE:	JUNE 2, 2016
REVISIONS:	JUNE 29, 2016
	JULY 18, 2016

SRADING & EROSION
CONTROL PLAN

FILE NO: F:\WNDSOR\rogers rd\EC_2 DRAWING SCALE: I" = 60'

EC-2

SEEDING SPECIFICATIONS

SEEDBED PREPARATION
CHISEL COMPACTED AREAS AND SPREAD TOPSOIL THREE INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE. 2. RIP THE ENTIRE AREA TO FOUR INCHES DEPTH.

3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM. 4. APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL (SEE BELOW*). 5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED FOUR INCHES DEEP. 6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.

. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. 8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND AFTER PERMANENT

9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION.

APPLY: AGRICULTURAL LIMESTONE - 2 TONS PER ACRE SOIL AMENDMENTS - 10-10-10 FERTILIZER AT 150 POUNDS/ACRE

- 2,000 LBS/ACRE GROUND AGRICULTURAL LIMESTONE MULCH - 4,000 POUNDS SMALL GRAIN STRAW PER ACRE

ANCHOR - ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

SEEDING SCHEDULE LATE WINTER - EARLY SPRING

(1) TALL FESCUE - 150 LBS. PER ACRE.

B. GRASS - LEGUME MIXTURE (1) TALL FESCUE - 100 LBS. PER ACRE PLUS SERECIA LESPEDEZA (SCARIFIED) - 60 LBS. PER ACRE.

(2) TALL FESCUE - 100 LBS. PER ACRE PLUS CROWNVETCH - 25 LBS. PER ACRE.

EARLY SPRING - LATE SUMMER

(1) TALL FESCUE - 150 LBS. PER ACRE B. GRASS - LEGUME MIXTURE

(1) TALL FESCUE - 100 LBS. PER AGRE PLUS SERECIA LESPEDEZA (SCARIFIED) - 60 LBS. PER AGRE.

(I) TALL FESCUE - 150 LBS. PER ACRE (2) TALL FESCUE - 100 LBS PER ACRE PLUS BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS -50 LBS. ACRE. LATE SUMMER - EARLY WINTER

(1) TALL FESCUE - 150 LBS. PER ACRE.

B. GRASS - LEGUME MIXTURE

(1) TALL FESCUE - 100 LBS. PER ACRE PLUS SERECIA LESPEDEZA (UNSCARIFIED) - 60 LBS. PER ACRE. ADD THE FOLLOWING TO THE THE ABOVE PLANTINGS BETWEEN MAY I AND AUG. 15 ADD 15 LBS/ACRES SUDANGRASS OR 10 LBS/ACRE GERMAN MILLET. BEFORE MAY I OR AFTER AUG. 15, ADD 40 LB/ACRE RYE GRAIN.

TEMPORARY SEEDING SPECIFICATIONS

SEEDING DISTURBED AREAS WITH GRASSES OR LEGUMES TO PROVIDE TEMPORARY GROUND COVER TO LESSEN SOIL EROSION. PURPOSE

1. TO TEMPORARILY STABILIZE GRADED CUT AND FILL SLOPES THAT CANNOT BE SEEDED WITH PERMANENT VEGETATION

MITHIN THIRTY DAYS AFTER COMPLETION. 2. TO TEMPORARILY STABILIZE GRADED AREAS OF BARE SOIL WHERE PERMANENT VEGETATION COVER IS NOT NEEDED OR WHERE GRADING HAS NOT BEEN COMPLETED AND PERMANENT SEEDING WILL BE DONE LATER.

CONDITIONS WHERE PRACTICE APPLIES WHERE BARE SOIL HAS BEEN EXPOSED BY GRADING, AND VEGETATION COVER IS NEEDED FOR ONE YEAR OR LESS. MAY INCLUDE SUCH AREAS AS TEMPORARY SEDIMENT POND, DIVERSIONS, SOIL STOCKPILES, BUILDING PADS, ROUGH-GRADED ROAD BANKS, ETC. IT IS ALSO USED TO PROVIDE A TEMPORARY PERIMETER BUFFER.

PREPARATION
PREPARE SEEDBED BY RIPPING, CHISELING, HARROWING, OR PLOWING TO DEPTH OF AT LEAST SIX INCHES SO AS TO PRODUCE A LOOSE, FRIABLE SURFACE. INCORPORATE 750-1,000 POUNDS 10-10-10 FERTILIZER AND UP TO TWO TONS OF DOLOMITIC LIME PER ACRE (NOTE: LIME MAY NOT BE NEEDED IF A SOIL TEST INDICATES A PH OF 6.5 OR HIGHER). MULCHING IS REQUIRED ACCORDING TO THE SAME SPECIFICATIONS AS FOR PERMANENT SEEDING UNLESS WAIVED BY SOIL SCIENTIST. SELECT SEEDING MIXTURE AND BEST PLANTING DATES FROM TABLE 12.

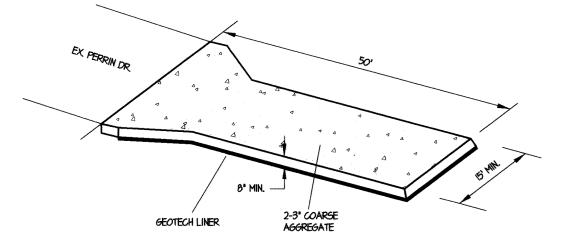
TEMPORARY SEEDINGS		
SEEDING MIXTURE	SEEDING RATE (LB/ACRE)	PLANTING DATES
RYE GRAIN AND	120 LBS.	I YAM - I .NAL
K <i>o</i> be Lespedeza	50 LBS.	
GERMAN MILLET OR	40-50 LBS.	MAY 1 - AUG. 15
SUDAN GRASS		
RYE (GRAIN)	120 LBS.	AUG. 15 - DEC. 30
(MAY SUBSTITUTE OATS		
BEFORE OCT. I OR WHEAT		
FROM OCT. 1 - NOV. 15)		
RYE GRAIN	40 LBS.	AUG. 15 - NOV. 30

I. AFTER SEEDING, THE AREA IS TO BE ROLLED OR CULTIPACKED TO INSURE THAT THE SEED IS PRESSED INTO CONTACT WITH SOIL SURFACE. ALL SEEDED AREAS ARE TO BE MULCHED WITH STRAW MULCH AT THE RATE OF 4,000 LBS. PER ACRE.

2. APPLY ASPHALT EMULSION TO THE STRAW MULCH AT THE RATE OF 150 GALLONS PER ACRE. I. THE ABOVE SEEDING RECOMMENDATIONS AND RATES HAVE BEEN PREPARED FOR SELECTION OF A VEGETABLE COVER SUITABL

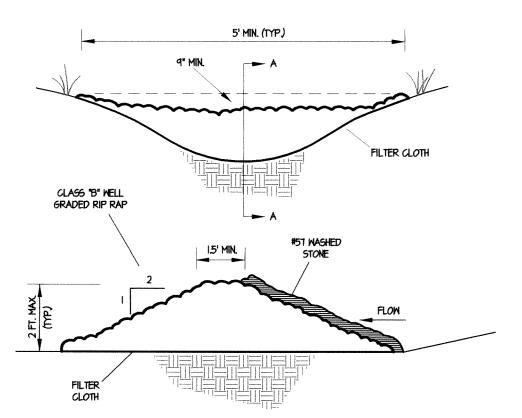
FOR SOIL EROSION CONTROL IN THE HUDSON AREA.

4. AREA SOIL TYPES, CLIMATIC CONDITIONS, SEED AVAILABILITY AND INDIVIDUAL PLANT CHARACTERISTICS ARE ALL TAKEN INTO ACCOUNT IN THE ABOVE RECOMMENDATIONS. DUE TO DENSITY, UNIFORMITY AND TEXTURAL QUALITY REASONS, THE ABOVE SELECTIONS ARE NOT RECOMMENDED FOR LAWN AREA USE.



NCDOT STD. #1607.01 STONE CONSTRUCTION ENTRANCE • STOVALL DRIVE

MAINTENANCE: INSPECT REGULARLY TO ENSURE DEVICE IS FUNCTIONING PROPERLY REMOVE SEDIMENT ACCUMULATION AS NECESSARY AND ADD ADDITIONAL STONE



STONE CHECK DAM MAINTENANCE: INSPECT DEVICE REGULARLY TO ENSURE PROPER FUNCTIONING.

LOCATION: INSTALL AT END OF DIVERSION BERMS &

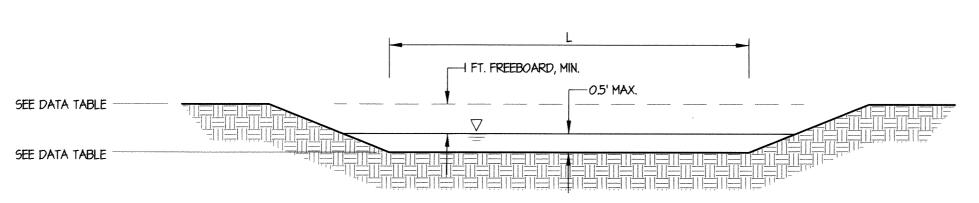
LOW SIDE OF STONE CONSTRUCTION ENTRANCE.

4' MIN, FOR BERM

2' MIN.

(OR APPROVED EQUAL) **DIVERSION BERM / SWALE**

MAINTENANCE: INSPECT DEVICE REGULARLY TO ENSURE PROPER FUNCTIONING. REMOVE SEDIMENT ACCUMULATION IN DITCH AND REPAIR IF NECESSARY.



SEE DATA TABLES, SHEET EC-1, FOR DIMENSIONS & ELEVATIONS.

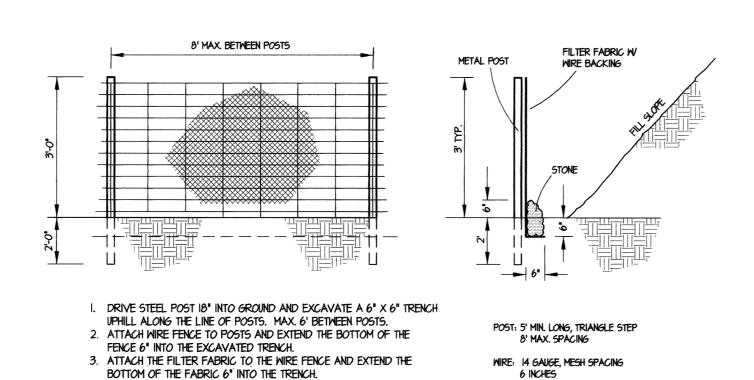
4. BACKFILL THE TRENCH AND COMPACT THE STONE FIRMLY TO ANCHOR

THE BOTTOM OF THE SILT FENCE SO THAT THE RUNOFF IS FORCED TO

OVERFLOW WEIR AT SKIMMER BASINS

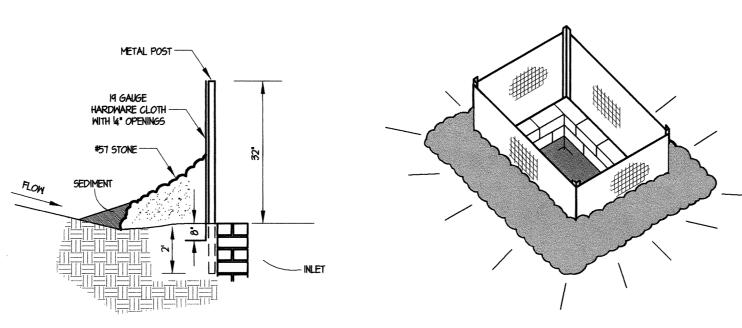
INSTALL IN ACCORDANCE WITH SECTION 6.64.1 OF THE N.C.D.E.N.R. DESIGN MANUAL. SEED SKIMMER BASIN AND SPILLWAY IN ACCORDANCE WITH SEEDING SPECIFICATIONS.

STONE: \$57 WASHED STONE



SILT FENCE

USE AS REQUIRED MAINTENANCE: INSPECT DEVICE REGULARLY TO ENSURE PROPER FUNCTIONING.

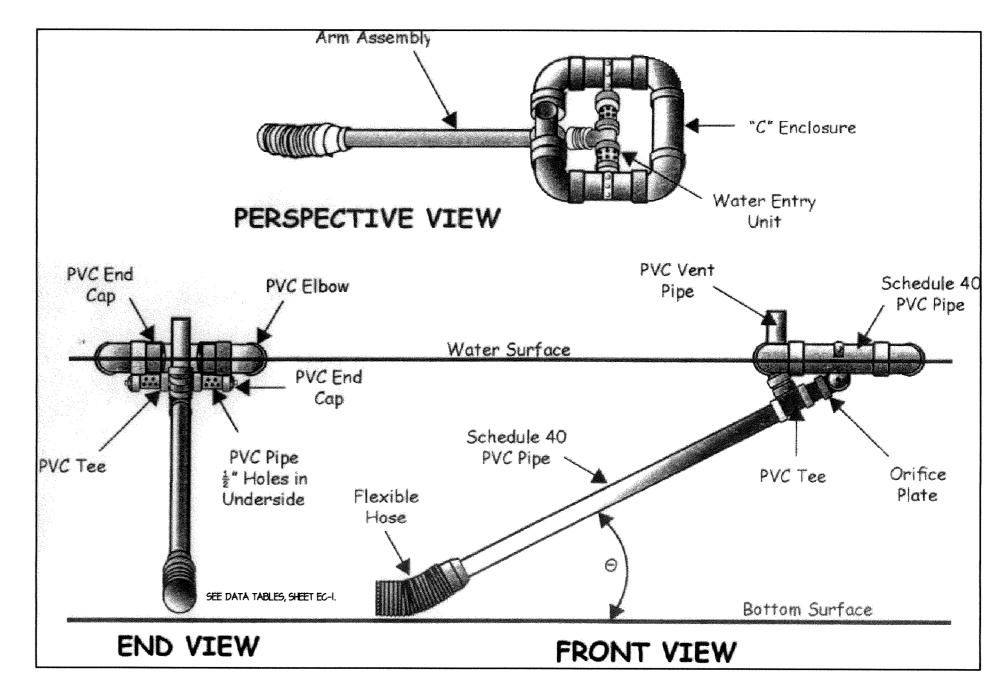


HARDWARE CLOTH & GRAVEL INLET PROTECTION MAINTENANCE: INSPECT DEVICE REGULARLY TO ENSURE PROPER FUNCTIONING. REMOVE SEDIMENT ACCUMULATION FROM BEHIND WIRE AND REPAIR/REPLACE IF NECESSARY.

SUPPORT WIRE TO PREVENT SAGGING TOP OF FABRIC SHALL BE 6" ABOVE WEIR / OUTLET ELEV. - STAKED INTO GROUND AS NEEDED - WRAP FABRIC OVER TOP WIRE AND SECURE W/ ZIP-TIES, WIRE, OR STAPLES. FRENCH FABRIC INTO BOTTOM & SIDES, 6" MINIMUM (OR SECURE WITH 8" EROSION CONTROL MATTING STAPLES) 100 g/m² COIR EROSION BLANKET OR JUTE MATTING BACKED WITH HOG WIRE STEEL SUPPORT POSTS, 4' MAX._ SPACING, 24" MIN. BURY DEPTH

SPLICING OF FABRIC IS NOT ALLOWED -- USE CONTINUOUS PIECE ACROSS TRAP OR BASIN. POROUS BAFFLE FOR FILTER BASIN

MAINTENANCE: INSPECT REGULARLY TO ENSURE DEVICE IS FUNCTIONING PROPERLY

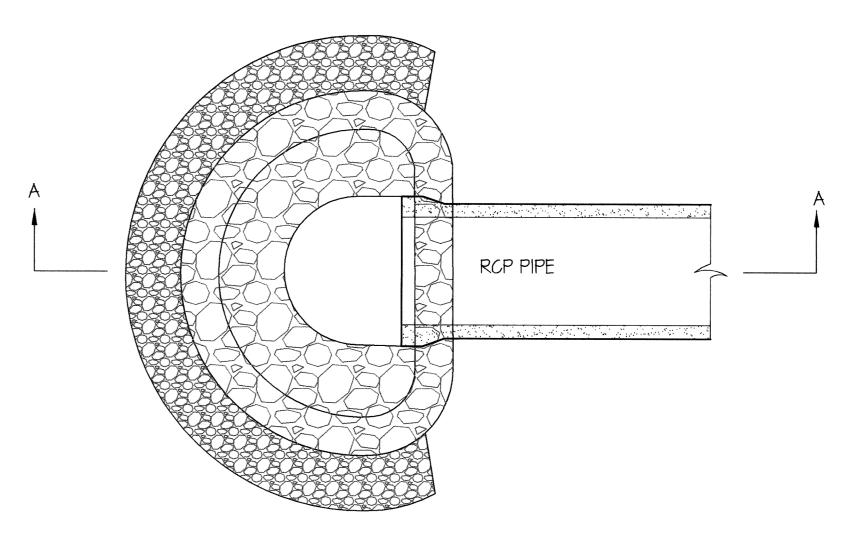


P.V.C. SKIMMER FOR SEDIMENT BASIN

SKIMMER TO BE CONSTRUCTED OF SCHEDULE 40 P.V.C. PIPE AS SHOWN. CONNECT SKIMMER TO UNDERDRAIN WITH 90° ELBOW AT END OF FLEXIBLE HOSE .

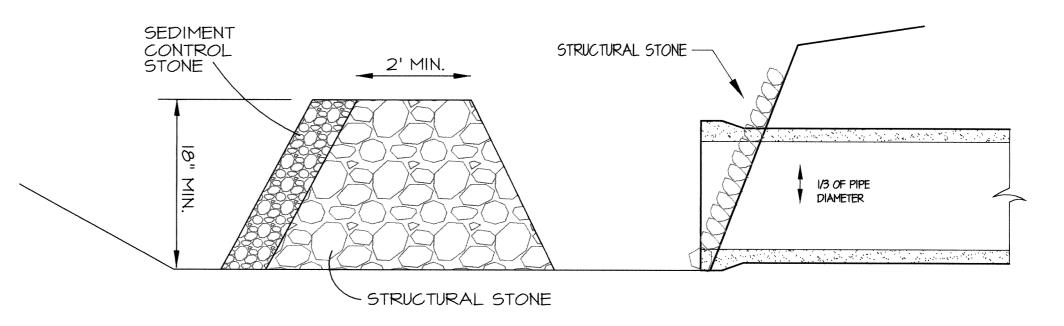
ADDITIONAL P.V.C. PIPE MAY BE REQUIRED FROM INLET TO FLEXIBLE HOSE AT SKIMMER TO ENSURE SKIMMER ASSEMBLY IS LOCATED OUTSIDE OF EMBANKMENT.

SKIMMER TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION 6.64 OF THE STATE OF NORTH CAROLINA <u>EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.</u> SEE DATA TABLES, SHEET EC-1, FOR SKIMMER PIPING AND ORIFICE SIZES.



STRUCTURAL STONE SHALL BE (CLASS "B") STONE FOR EROSION CONTROL PURPOSES. SEDIMENT CONTROL STONE SHALL BE NO. 5 OR NO. 57 STONE.

PLAN

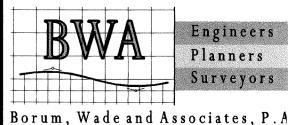


SECTION A-A

ROCK DONUT INLET PROTECTION

MAINTENANCE REQUIREMENTS: CONTRACTOR IS TO PERIODICALLY INSPECT AND REPLACE WHEN DAMAGED.

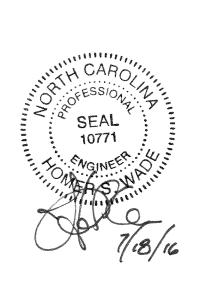
SEE SHEET EC-4 FOR DETAIL OF SILT FENCE WITH STONE OUTLET STRUCTURE



Web: www.borum-wade.com

621 Eugene Court, Suite 100, Greensboro, NC 27401-2711 PO Box 21882 Greensboro, NC 27420-1882 Phone: 336-275-0471 Fax: 336-275-3719

> N.C. License #: C-0868 SEALS:



PROJECT:

OWNER/DEVELOPER: CENTRAL ALAMANCE

0

SCENIC HOUSING, LLC PO BOX 9147 GREENSBORO, NC 27429 (336) 282-3535 CONTACT: DAVID MICHAELS

DRAWN BY JR DATE: JUNE 2, 2016 JULY 18, 2016 REVISIONS:

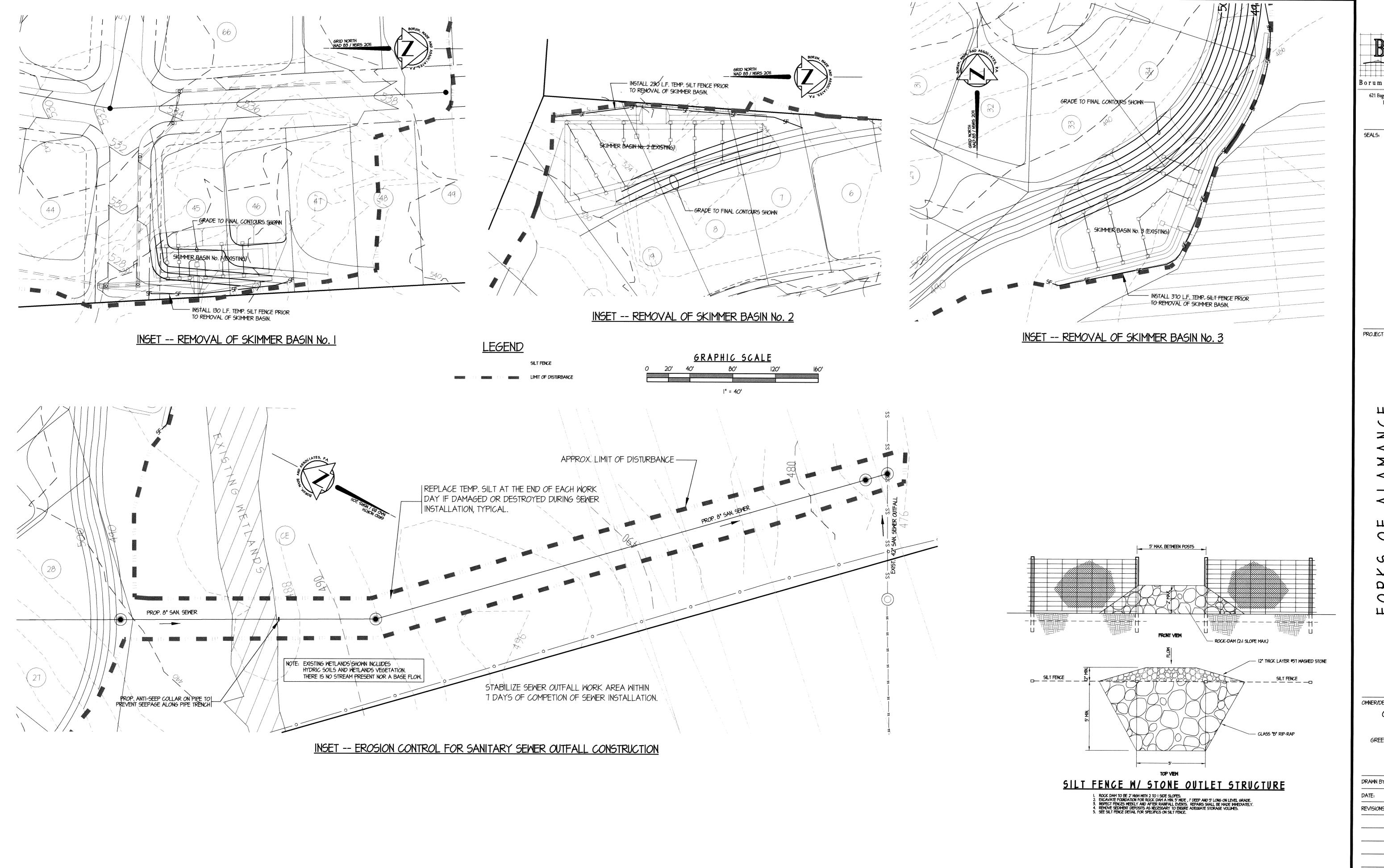
> EROSION CONTROL DETAILS AND SPECS

FILE NO: F:\WNDSOR\ROGERS_RD\EC_3.dwg DRAWING SCALE: AS SHOWN

PLAN SHEET NO.

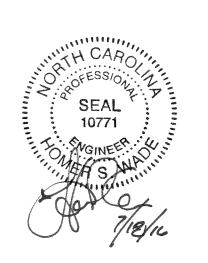
EC-3

Page 56 of 184



Planners Borum, Wade and Associates, P.A

621 Eugene Court, Suite 100, Greensboro, NC 27401-2711 PO Box 21882 Greensboro, NC 27420-1882 Phone: 336-275-0471 Fax: 336-275-3719 Web: www.borum-wade.com N.C. License #: C-0868



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OWNER/DEVELOPER:

CENTRAL ALAMANCE SCENIC HOUSING, LLC PO BOX 9147 GREENSBORO, NORTH CAROLINA 27429

> (336) 282-3535 CONTACT: DAVID MICHAELS

DRAWN BY: BWA DATE: JUNE 2, 2016 REVISIONS: JUNE 29, 2016 JULY 18, 2016

EROSION CONTROL DETAILS AND INSETS

FILE NO: F:\WNDSOR\rogers rd\EC_4 DRAWING SCALE: i" = 40'

PLAN SHEET NO. EC-4

A RESOLUTION ORDERING ADOPTION OF THE PORTIONS OF LACY HOLT ROAD, SUNFIELD DRIVE, AND KRESS DRIVE LOCATED WITHIN SECTIONS 3 AND 4 OF THE FORKS OF ALAMANCE SUBDIVISION

WHEREAS, NCGS §160D-806 and Article VIII, Section 10.339(d)(5) of the City of Graham Development Ordinance provide that City Council may, by resolution, accept offers of public dedication made to the public of lands and facilities for streets, sidewalks, open spaces and public utilities after verification from the Technical Review Committee that such properties and improvements are in a manner acceptable for acceptance; and

WHEREAS, the City of Graham has been provided with an offer of public dedication of lands and improvements of the portions of Lacy Holt Road, Sunfield Drive, and Kress Drive located within Sections 3 and 4 of the Forks of Alamance subdivision, which are described on legally recorded final plats in Plat Book 80, Pages 312 and Plat Book 81, Page 215 of the Alamance County Registry; and

WHEREAS, the City of Graham Technical Review Committee has reviewed the land and improvements placed upon them provided as part of the offer of public dedication, and such land and improvements have been found to be in compliance with standards in place for such land and improvements; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of Graham, North Carolina, that the offer of public dedication be accepted for those portions of Lacy Holt Road (50-foot public ROW), Kress Drive (50-foot public ROW), and Sunfield Drive (50-foot public ROW), as offered and recorded on the Final Plat for Forks of Alamance Section 3 in Plat Book 80, Page 312 and on the Final Plat for Forks of Alamance Section 4 in Plat Book 81, Page 215 of the Alamance County Registry; and

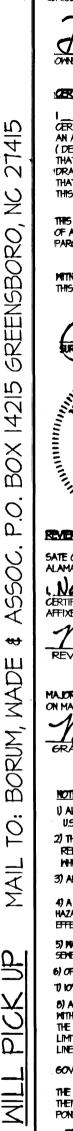
SECTION 1. Terms and Conditions of Acceptance:

- 1. The developer shall guarantee all materials and workmanship for a period of 12 months from the date of official acceptance by the City Council, as specified under Section 10.339 (d)(5)(c) of the City of Graham Development Ordinance;
- 2. The acceptance by the City Council shall not be interpreted in any way to relieve any developer, contractor, subcontractor, insurance company, owner, or other person of his individual or several obligations under any ordinance, policy, or contract or to otherwise reduce or eliminate the rights of the city, its agents and employees against any other party connected with or in any way related to the development of the subdivision and facilities. The acceptance shall not be interpreted as a waiver of any defense or immunities that the city, its agencies or employees may assert or be entitled to;
- 3. All rights, privileges and warranties of whatsoever nature and kind, for equipment, supplies, materials, goods, and services shall be assigned to the city and any and all benefits derived there from shall inure to the city, its agents, and employees. The acceptance of the lands and facilities shall be conditioned upon the owners covenanting and warranting that they are lawfully seized and possessed of all the lands and facilities dedicated to the public; that they have good and lawful authority to dedicate the same to the public for the stated purpose; that the lands and facilities are free and clear of any deed of trust, mortgage, lien or assessments and that the dedicators for their heirs, successors, executors, administrators, and assigns, covenant that they will warrant and defend the dedication of such land and facilities against any and all claims and demands whatsoever; and

SECTION 2. This Resolution shall become effective immediatel	y upon
adoption. This the 11 th day of July, 2023 at 6:00 p.m.	
	Jennifer Talley, Mayor
Attest:	
Renee Ward, City Clerk	
NORTH CAROLINA	
ALAMANCE COUNTY	
I hereby certify that the foregoing is a true and accurate of the City of Graham, North Carolina, at a meeting held on Graham.	urate copy of a resolution duly adopted by the City Council July 11, 2023, at 6:00 p.m. at the City Hall in the City of
IN WITNESS WHEREOF, I have hereunto set my hand be affixed, this the day of, 2023.	and have caused the official corporate seal of said City to
-	
	City Clerk

4. Acceptance of dedication of lands and facilities shall not obligate the city to construct, install, maintain, repair, replace, extend, improve, build or operate any public facilities or utilities which are not in existence as of the date of the acceptance of the lands and facilities. Such acceptance shall not obligate the city to construct any main, line, pipe, lateral, or other extension or permit connection to the city's water, sanitary sewer, storm sewer,

drainage or other public utilities systems.

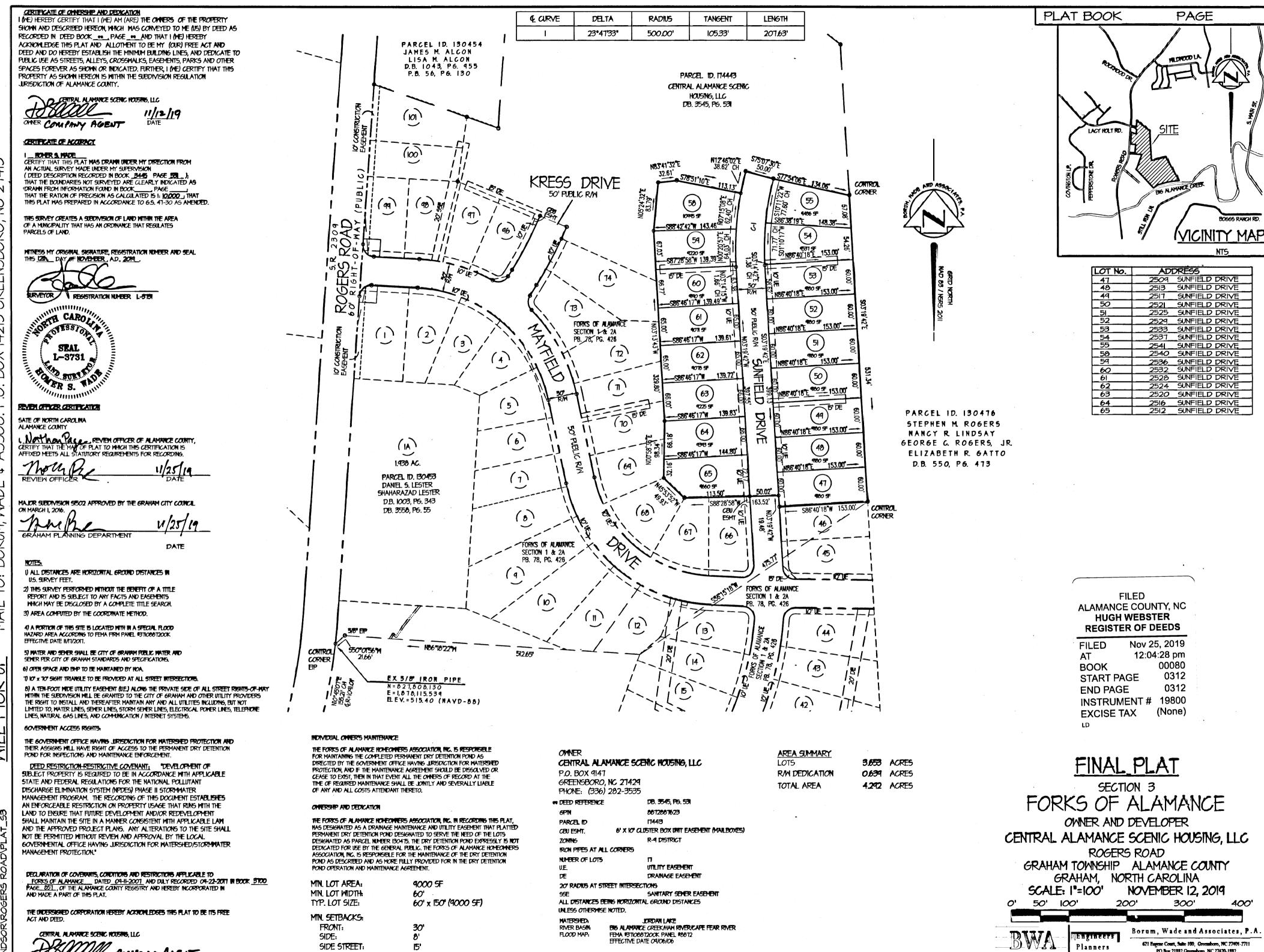




REAR:

MAX. BUILDING HEIGHT:

20% LOT DEPTH

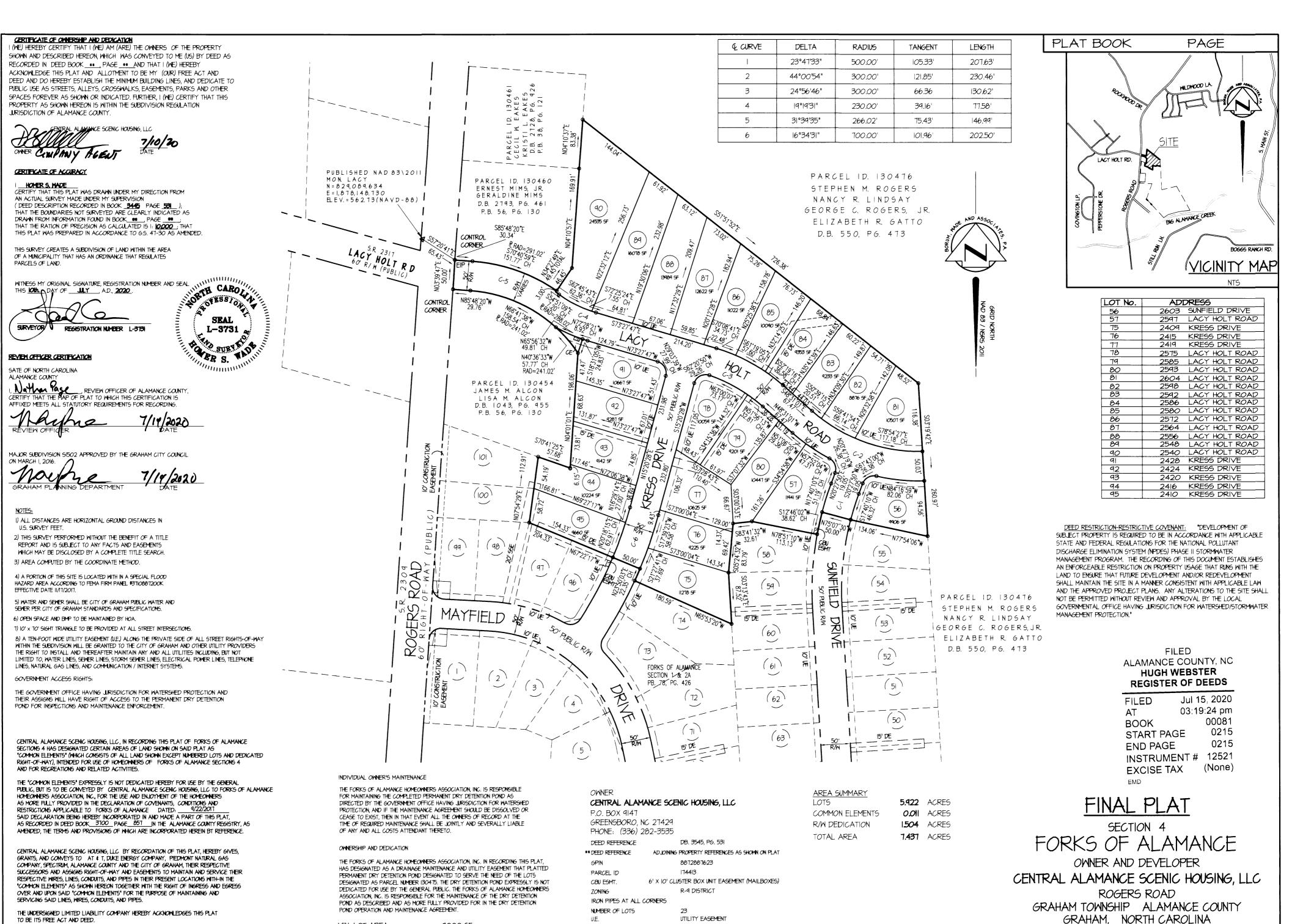


Phone: 336-275-0471 Fax: 336-275-3719 Web: www.borum-wade.com N.C. License #: C-0868

Surveyors

CENTRAL ALAMANCE SCENIC HOUSING, LLC

A NORTH CAROLINA LIMITED LIABILITY COMPANY



DRAINAGE EASEMENT

SANITARY SEWER EASEMENT

COMMON ELEMENTS

BIG ALAMANCE CREEK/HAW RIVER/CAPE FEAR RIVER

JORDAN LAKE

FEMA #3710887200K PANEL #8872

EFFECTIVE DATE 09/06/06

20' RADIUS AT STREET INTERSECTIONS

UNLESS OTHERWISE NOTED.

WATERSHED:

RIVER BASIN:

FLOOD MAP

ALL DISTANCES BEING HORIZONTAL GROUND DISTANCES

MIN. LOT AREA:

MIN. LOT WIDTH:

TYP. LOT SIZE:

MIN. SETBACKS:

SIDE STREET:

MAX. BUILDING HEIGHT:

FRONT:

SIDE:

REAR:

9000 SF

30'

15'

60' x 150' (9000 SF)

20% LOT DEPTH

400'

JULY 10, 2020

300'

Borum, Wade and Associates, P.A.

621 Eugene Court, Suite 100, Greensboro, NC 27401-2711

PO Box 21882 Greensboro, NC 27420-1882

Phone: 336-275-0471 Fax: 336-275-3719

Web: www.borum-wade.com
N.C. License #: C-0868

SCALE: 1"=100"

Engineers

Surveyors

Planners

200'

50' 100'



SUBJECT:	ACCEPTANCE OF PUBLIC STREETS AND RIGHTS OF WAY FOR SHAMROCK
	VALLEY, PHASE 2 & 3
PREPARED BY:	CAMERON WEST, PLANNER

REQUESTED ACTION:

Approve Resolution Authorizing the adoption and maintenance of the portions of Mackenna Drive, Whelen Drive, and Cullens Drive located within Phase 2 & 3 of the Shamrock Valley subdivision.

BACKGROUND/SUMMARY:

Development in Phase 2 & 3 of the Shamrock Valley subdivision has been completed, and the streets have been offered to the City of Graham for adoption. These streets have been inspected by Public Works, the City's Engineer, and the Planning Department for compliance with the proposed development pattern permitted under their approved construction drawings. All public infrastructure in these phases has been deemed complete and meets the standards for acceptance.

The portions of the streets to be dedicated are as follows: Mackenna Drive (50-foot public ROW) includes approximately 0.26 miles, Whelen Drive (50-foot public ROW) is 0.25 miles, Cullens Drive (50-foot public ROW) includes approximately 0.06 miles. The total length of roadway in these sections of the Forks of Alamance neighborhood is approximately 0.57 miles.

FISCAL IMPACT:

Low. While the anticipated revenues are not likely to cover the long-term maintenance of this street network, the City has been serving this neighborhood for trash and other services for some time. This acceptance of public improvements would increase resurfacing requirements as well as winter preparation and snow removal. Annual Powell Bill revenues are far less than what cost of upkeep and maintenance require. As such, there is a shortfall made up from the general fund each year to pay for roadway maintenance and eventual repaving.

STAFF RECOMMENDATION:

Approval.

SUGGESTED MOTION(S):

I move we approve the Resolution Adopting Ownership of the portions of Mackenna Drive, Whelen Drive, and Cullens Drive located within Phase 2 & 3 of the Shamrock Valley subdivision.

A RESOLUTION ORDERING ADOPTION OF THE PORTIONS OF MACKENNA DRIVE, WHELEN DRIVE, AND CULLENS DRIVE LOCATED WITHIN PHASE 2 AND 3 OF THE SHAMROCK VALLEY SUBDIVISION

WHEREAS, NCGS §160D-806 and Article VIII, Section 10.339(d)(5) of the City of Graham Development Ordinance provide that City Council may, by resolution, accept offers of public dedication made to the public of lands and facilities for streets, sidewalks, open spaces and public utilities after verification from the Technical Review Committee that such properties and improvements are in a manner acceptable for acceptance; and

WHEREAS, the City of Graham has been provided with an offer of public dedication of lands and improvements of the portions of Mackenna Drive, Whelen Drive, and Cullens Drive located within Phase 2 and 3 of the Shamrock Valley subdivision, which are described on legally recorded final plats in Plat Book 81, Pages 78 and Plat Book 81, Page 253 of the Alamance County Registry; and

WHEREAS, the City of Graham Technical Review Committee has reviewed the land and improvements placed upon them provided as part of the offer of public dedication, and such land and improvements have been found to be in compliance with standards in place for such land and improvements; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of Graham, North Carolina, that the offer of public dedication be accepted for those portions of Mackenna Drive (50-foot public ROW), Whelen Drive (50-foot public ROW), and Cullens Drive (50-foot public ROW), as offered and recorded on the Final Plat for Shamrock Valley Phase 2 in Plat Book 81, Page 78 and on the Final Plat for Shamrock Valley Phase 3 in Plat Book 81, Page 253 of the Alamance County Registry; and

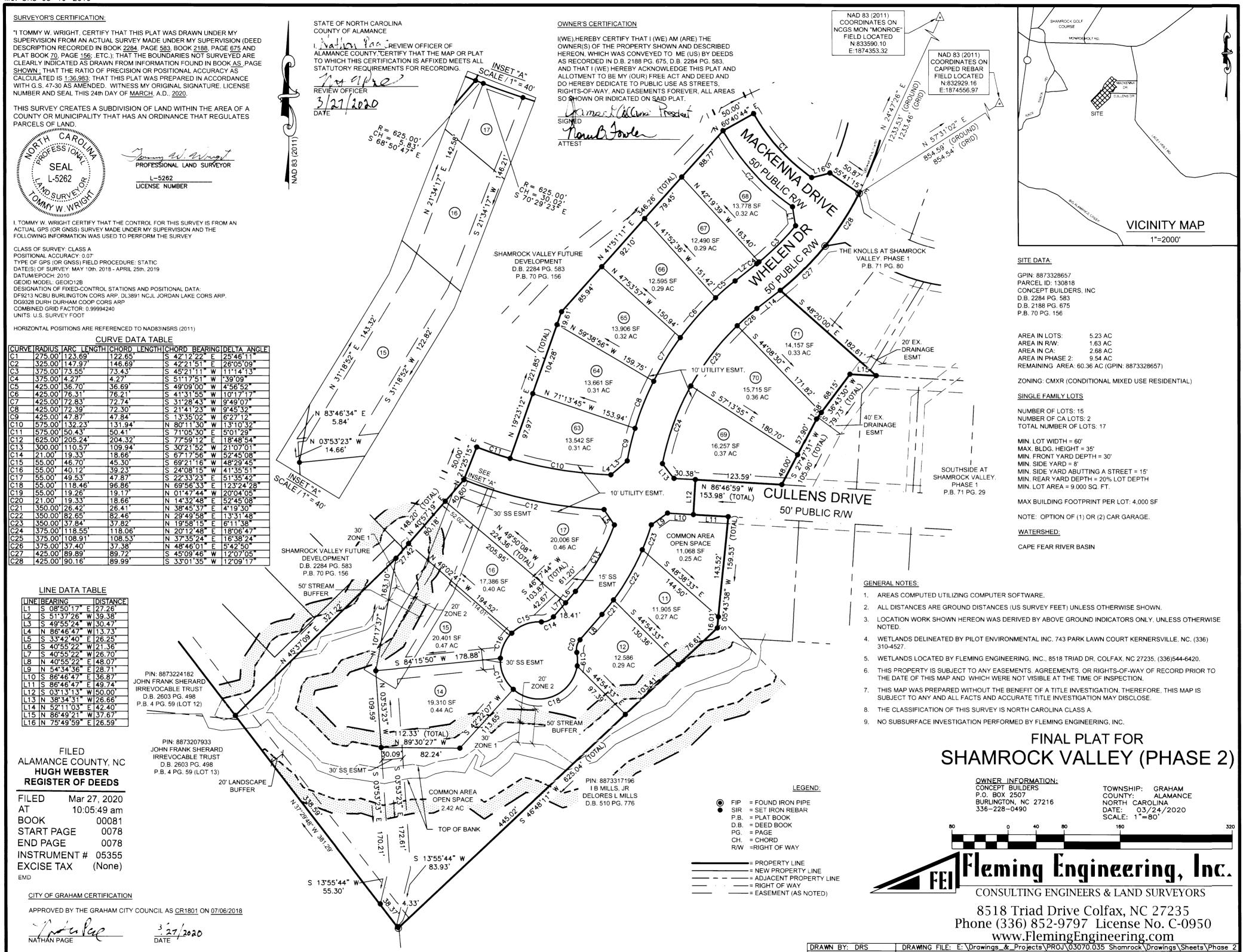
SECTION 1. Terms and Conditions of Acceptance:

- 1. The developer shall guarantee all materials and workmanship for a period of 12 months from the date of official acceptance by the City Council, as specified under Section 10.339 (d)(5)(c) of the City of Graham Development Ordinance;
- 2. The acceptance by the City Council shall not be interpreted in any way to relieve any developer, contractor, subcontractor, insurance company, owner, or other person of his individual or several obligations under any ordinance, policy, or contract or to otherwise reduce or eliminate the rights of the city, its agents and employees against any other party connected with or in any way related to the development of the subdivision and facilities. The acceptance shall not be interpreted as a waiver of any defense or immunities that the city, its agencies or employees may assert or be entitled to;
- 3. All rights, privileges and warranties of whatsoever nature and kind, for equipment, supplies, materials, goods, and services shall be assigned to the city and any and all benefits derived there from shall inure to the city, its agents, and employees. The acceptance of the lands and facilities shall be conditioned upon the owners covenanting and warranting that they are lawfully seized and possessed of all the lands and facilities dedicated to the public; that they have good and lawful authority to dedicate the same to the public for the stated purpose; that the lands and facilities are free and clear of any deed of trust, mortgage, lien or assessments and that the dedicators for their heirs, successors, executors, administrators, and assigns, covenant that they will warrant and defend the dedication of such land and facilities against any and all claims and demands whatsoever; and

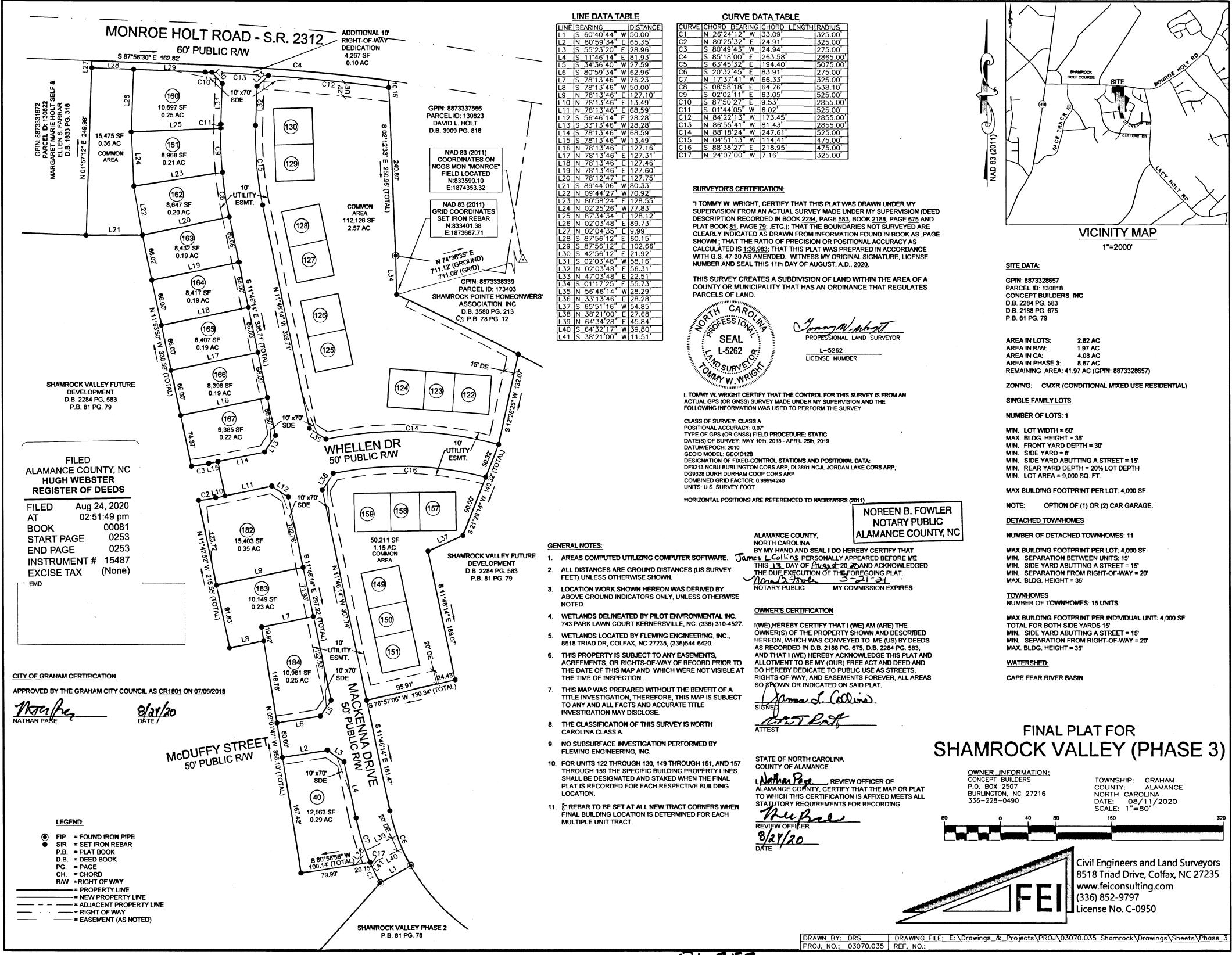
SECTION 2. This Resolution shall become effective immediat	rely upon adoption.
This the 11 th day of July, 2023 at 6:00 p.m.	
	Jennifer Talley, Mayor
Attest:	
Renee Ward, City Clerk	
NORTH CAROLINA	
ALAMANCE COUNTY	
	ccurate copy of a resolution duly adopted by the City Council on July 11, 2023, at 6:00 p.m. at the City Hall in the City of
IN WITNESS WHEREOF, I have hereunto set my han be affixed, this the day of, 2023.	d and have caused the official corporate seal of said City to
	City Clerk

4. Acceptance of dedication of lands and facilities shall not obligate the city to construct, install, maintain, repair, replace, extend, improve, build or operate any public facilities or utilities which are not in existence as of the date of the acceptance of the lands and facilities. Such acceptance shall not obligate the city to construct any main, line, pipe, lateral, or other extension or permit connection to the city's water, sanitary sewer, storm sewer,

drainage or other public utilities systems.



PROJ. NO.: 03070.035 REF. NO.:



A RESOLUTION ORDERING ADOPTION OF THE PORTIONS OF MACKENNA DRIVE, WHELEN DRIVE, AND CULLENS DRIVE LOCATED WITHIN PHASE 2 AND 3 OF THE SHAMROCK VALLEY SUBDIVISION

WHEREAS, NCGS §160D-806 and Article VIII, Section 10.339(d)(5) of the City of Graham Development Ordinance provide that City Council may, by resolution, accept offers of public dedication made to the public of lands and facilities for streets, sidewalks, open spaces and public utilities after verification from the Technical Review Committee that such properties and improvements are in a manner acceptable for acceptance; and

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- 3. All rights, privileges and warranties of whatsoever nature and kind, for equipment, supplies, materials, goods, and services shall be assigned to the city and any and all benefits derived there from shall inure to the city, its agents, and employees. The acceptance of the lands and facilities shall be conditioned upon the owners covenanting and warranting that they are lawfully seized and possessed of all the lands and facilities dedicated to the public; that they have good and lawful authority to dedicate the same to the public for the stated purpose; that the lands and facilities are free and clear of any deed of trust, mortgage, lien or assessments and that the dedicators for their heirs, successors, executors, administrators, and assigns, covenant that they will warrant and defend the dedication of such land and facilities against any and all claims and demands whatsoever; and

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	Jennifer Talley, Mayor
Attest:	
Renee Ward, City Clerk	
NORTH CAROLINA	
ALAMANCE COUNTY	
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IN WITNESS WHEREOF, I have hereunto set my hand be affixed, this the day of, 2023.	d and have caused the official corporate seal of said City to
	City Clerk

4. Acceptance of dedication of lands and facilities shall not obligate the city to construct, install, maintain, repair, replace, extend, improve, build or operate any public facilities or utilities which are not in existence as of the date of the acceptance of the lands and facilities. Such acceptance shall not obligate the city to construct any main, line, pipe, lateral, or other extension or permit connection to the city's water, sanitary sewer, storm sewer,

drainage or other public utilities systems.

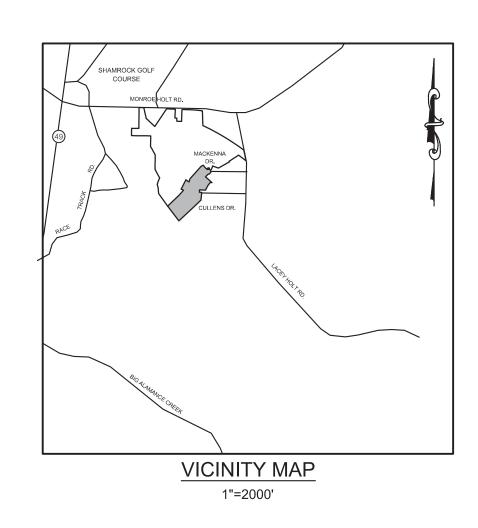
SHAMROCK VALLEY PHASE 2 CONSTRUCTION PLANS

CITY OF GRAHAM * ALAMANCE COUNTY NORTH CAROLINA

DATE: 10/31/2018 REVISED: 01/17/19 REVISED: 02/28/19

DEVELOPER INFORMATION: CONCEPT BUILDERS P.O. BOX 2507 BURLINGTON, NC 27215 336-228-0490

ENGINEERING CONTACT
BRENT COCKRUM, PE
8518 TRIAD DRIVE
COLFAX, NC 27235
(336) 544-6423
BCOCKRUM@FLEMINGENGINEERING.COM



SHEET INDEX		
SHEET NUMBER	SHEET TITLE	
1	COVER SHEET	
2	STANDARD ABBREVIATIONS & LEGEND	
3	OVERALL SITE PLAN	
4	SITE PLAN	
5	UTILITY PLAN	
6	GRADING & STORM SEWER PLAN	
7	CULLENS DRIVE & MACKENNA DRIVE	
8	WHELEN DRIVE	
9	UTILITY PROFILES	
10	SITE DETAILS	
11	SITE DETAILS	
12	SITE DETAILS	



SYMBOLS & LINETYPE LEGEND

	ARANDONED	· 	LEFT OFFICET FROM OFFITER INC		
ABAN AC	ACRES	LT LP	LIGHT POLE		
AC AGG	ACRES AGGREGATE	LP LF	LIGHT POLE LINEAR FEET		
GG RV		LF MH	MANHOLE		
KV SPH	AIR RELEASE VALVE ASPHALT	MAX	MAXIMUM		
BC		MBL	MAXIMUM/MINIMUM BUILDING LIN		
)	ASPHALT BASE COURSE	MJ	MECHANICAL JOINT		
, :Р	BACK OF CURB	MIN	MINIMUM		
:G	BACKFLOW PREVENTER	MON	MONUMENT		
1P	BEGIN BEST MANAGEMENT BRACTICES	NIC			
)L	BEST MANAGEMENT PRACTICES	NTS	NOT IN CONTRACT NOT TO SCALE		
M	BOLLARD	OC	ON CENTER		
DG	BOTTOM	OHP	OVERHEAD UTILITIES		
))	BUILDING	PG	PAGE		
	CAST IRON PIPE	PED			
	CATCH BASIN	PB	PEDESTRIAN		
	CENTERLINE	PVC	PLAT BOOK		
	CLEANOUT	PCC	POLYVINYL CHLORIDE		
U NANA	CLUSTER BOX UNIT	PWR	PORTLAND CEMENT CONCRETE		
MM	COMMUNICATION	PWR PP	POWER POLE		
NC	CONCRETE	PL	POWER POLE		
ION	CONCRETE MONUMENT	PL PROP	PROPERTY LINE		
NST	CONSTRUCTION		PROPOSED		
IP K	CORRUGATED METAL PIPE	R RR	RADIUS		
K	CREEK	RR RPZ	RAILROAD		
0	CUBIC YARDS	RPZ RCP	REDUCED PRESSURE BACKFLOW		
G	CURB AND GUTTER	R/W	REINFORCED CONCRETE PIPE		
	CURB INLET	R/W RT	RIGHT OF WAY		
	DEED BOOK		RIGHT OFFSET FROM CENTERLINE		
MO	DEMOLITION	SS SSCO	SANITARY SEWER		
N.4	DIAMETER	SSMH	SANITARY SEWER CLEANOUT		
M	DOMESTIC	SVC	SANITARY SEWER MANHOLE		
A	DOUBLE CHECK ASSEMBLY	SIP	SERVICE LATERAL		
10	DRAINAGE EASEMENT	S/W	SET IRON PIPE		
/G	DRAWING	S/W SDE	SIDEWALK		
/Y	DRIVEWAY	SF	SIGHT DISTANCE EASEMENT		
	DROP INLET		SQUARE FEET		
	DUCTILE IRON PIPE	STD	STANDARD		
MT	EASEMENT	STA	STATION		
	EDGE OF CONCRETE	SD STMU	STORM DRAIN		
	EDGE OF GRAVEL	STMH	STORM MANHOLE		
	EDGE OF PAVEMENT	TMH	TELEPHONE MANHOLE		
	ELECTRICAL	TPED	TELEPHONE PEDESTAL		
H =: =:/	ELECTRICAL MANHOLE	TEMP	TEMPORARY		
ELEV	ELEVATION	T/C	TOP OF CURB		
	EXISTING	TBM	TRAVERSE BENCHMARK		
	FACE OF CURB	TYP	TYPICAL		
	FIBER OPTIC	UG	UNDERGROUND		
	FINISH GRADE	UE	UTILITY EASEMENT		
=	FINISHED FLOOR ELEVATION	VG	VALLEY GUTTER		
	FIRE DEPARTMENT CONNECTION	VCP	VITRIFIED CLAY PIPE		
	FIRE HYDRANT	WTR	WATER		
8	FLARED END SECTION	WL/WM	WATER MAIN		
	FLOW LINE	WV	WATER VALVE		
	FOUND IRON PIPE	YI	YARD INLET		
	FOUND IRON ROD				
	GAS				
	GATE VALVE				
	GRATE INLET				
AC	HEATING, VENTILATION, AIR CONDITIONING				
PE	HIGH DENSITY POLYETHYLENE				
YD	LIVDDANIT				

HYDRANT

IRRIGATION

INVERT

		CENTERLINE
UC	UC	CONTOUR LINES
	800-	CONTOUR LINES
		CREEK, STREAM OR WATER BOD
	=======	CURB & GUTTER
DL		DISTURBED AREA
		DITCH
. • . •.		DIVERSION BERM
. 🖒 . 🖒 .		DIVERSION BERM (CLEAN)
		DRAINAGE AREA
——— ACE ———	——— ACE ——— ACE ———	EASEMENT (ACCESS)
BMPE BMPE	——— BMPE BMPE—	EASEMENT (BMP)
DMUE DMUE	—— DMUE——— DMUE——	EASEMENT (DMUE)
		EASEMENT (DRAINAGE)
PSSE ———	ESSE ESSE	EASEMENT (SANITARY)
PSTE ———	ESTE ESTE	EASEMENT (STORM)
PWE	——— EWE ——— EWE ———	EASEMENT (WATER)
		EASEMENT (MISC)
E	Е Е	ELECTRIC (OVERHEAD)
UE	UE UE	ELECTRIC (UNDERGROUND)
0		EROSION BAFFLE
- x x x	— x — x — x —	FENCE
		FLOODPLAIN
	— FW — FW —	FLOODWAY
G		GAS LINE
• • •	0 0 0	GUARDRAIL
_ · · · _	·	LANDSCAPE BUFFER
LA LA	LA	LANDSCAPED AREA
		PHASE LINE
		PROPERTY LINE (ADJACENT)
		PROPERTY LINE (SUBJECT)
	 	RAILROAD TRACKS
		RIGHT OF WAY
		ROOF DRAIN
	— FM FM—	SANITARY SEWER (FORCEMAIN)
ss —	ss ss	SANITARY SEWER (GRAVITY)
	SB	SETBACKS
SF		SILT FENCE
	ST ST	STORM DRAIN
	·	STREAM BUFFER (ZONE 1)
		STREAM BUFFER (ZONE 2)
w		WATER MAIN
··· ··	.~~~~~.	WOODS LINE

PROPOSED **EXISTING** BACKFLOW PREVENTER BENCHMARK BLOWOFF CATCH BASIN COMMUNICATION BOX OR MANHOLE COMPUTED POINT **CURB INLET** DRAINAGE MANHOLE ELECTRIC METER ELECTRIC PEDESTAL FIBER OPTIC PEDESTAL OR MARKER FIRE DEPARTMENT CONNECTION FLARED END SECTION GAS METER OR MARKER GAS VALVE HEADWALL OR ENDWALL HVAC HYDRANT IRON PIPE LIGHT POLE MISCELLANEOUS METER MISCELLANEOUS UTILITY PEDESTALOR MARKER REDUCER RIGHT OF WAY MONUMENT ROCK DAM SANITARY CLEANOUT

SANITARY MANHOLE

TRANSMISSION TOWER

TRANSFORMER

TREE (CANOPY)

UTILITY POLE

WATER METER

WATER VALVE

YARD GRATE

YARD INLET

TREE (UNDERSTORY)

HATCHING & SHADING



BUILDING CONCRETE

GRAVEL

ROCK





& LEGEND **VALLEY PHASE ABBREVIATIONS** SHAMROCK STANDA

7

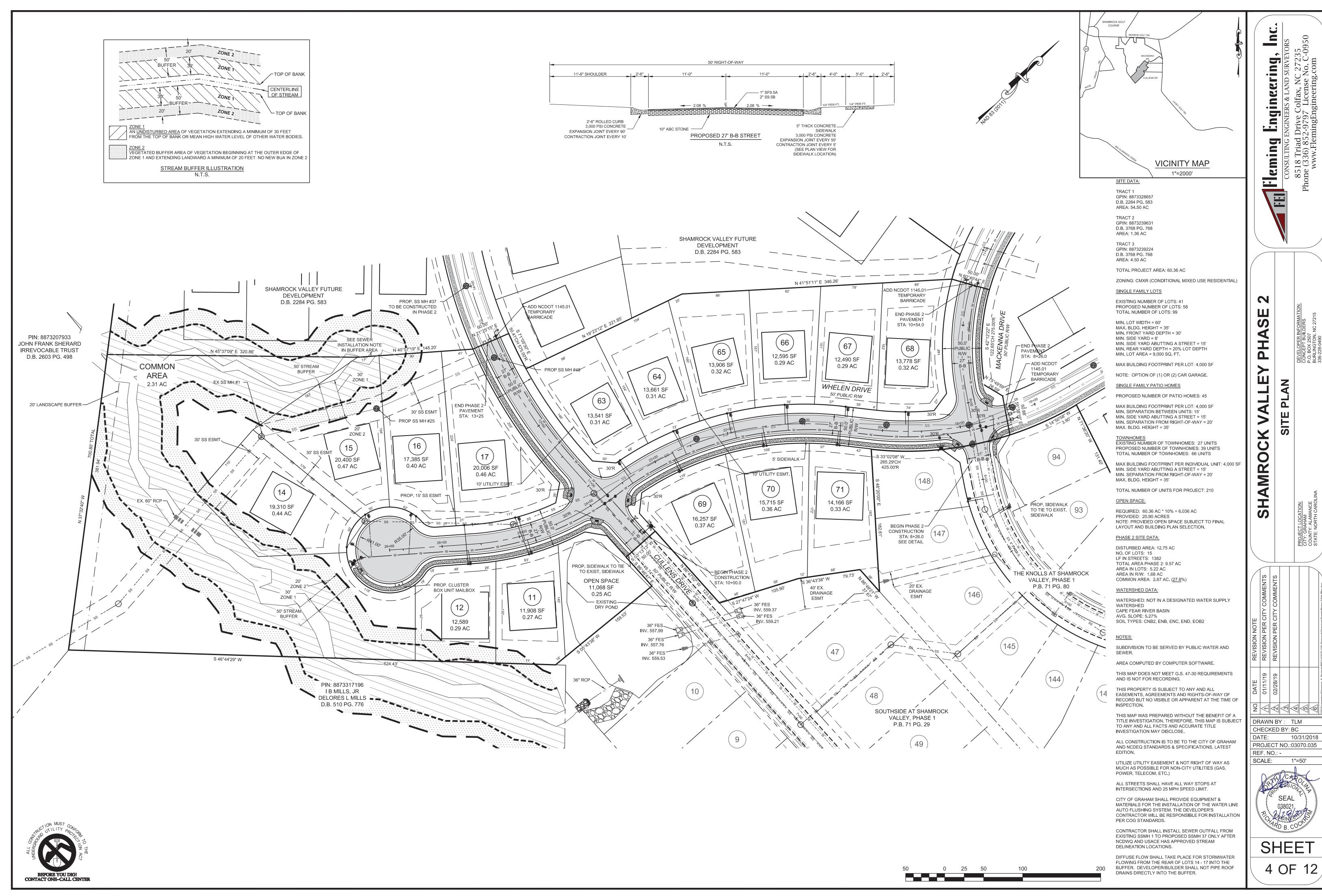
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REVISION NOTE	REVISION PER CITY COMMENTS	REVISION PER CITY COMMENTS					
DATE	01/11/19	02/28/19					
NO.	\ll	$\langle \overline{\zeta} \rangle$	⊗	4	\ 2	9	
DR	DRAWN BY: TLM CHECKED BY: BC DATE: 10/31/2018						
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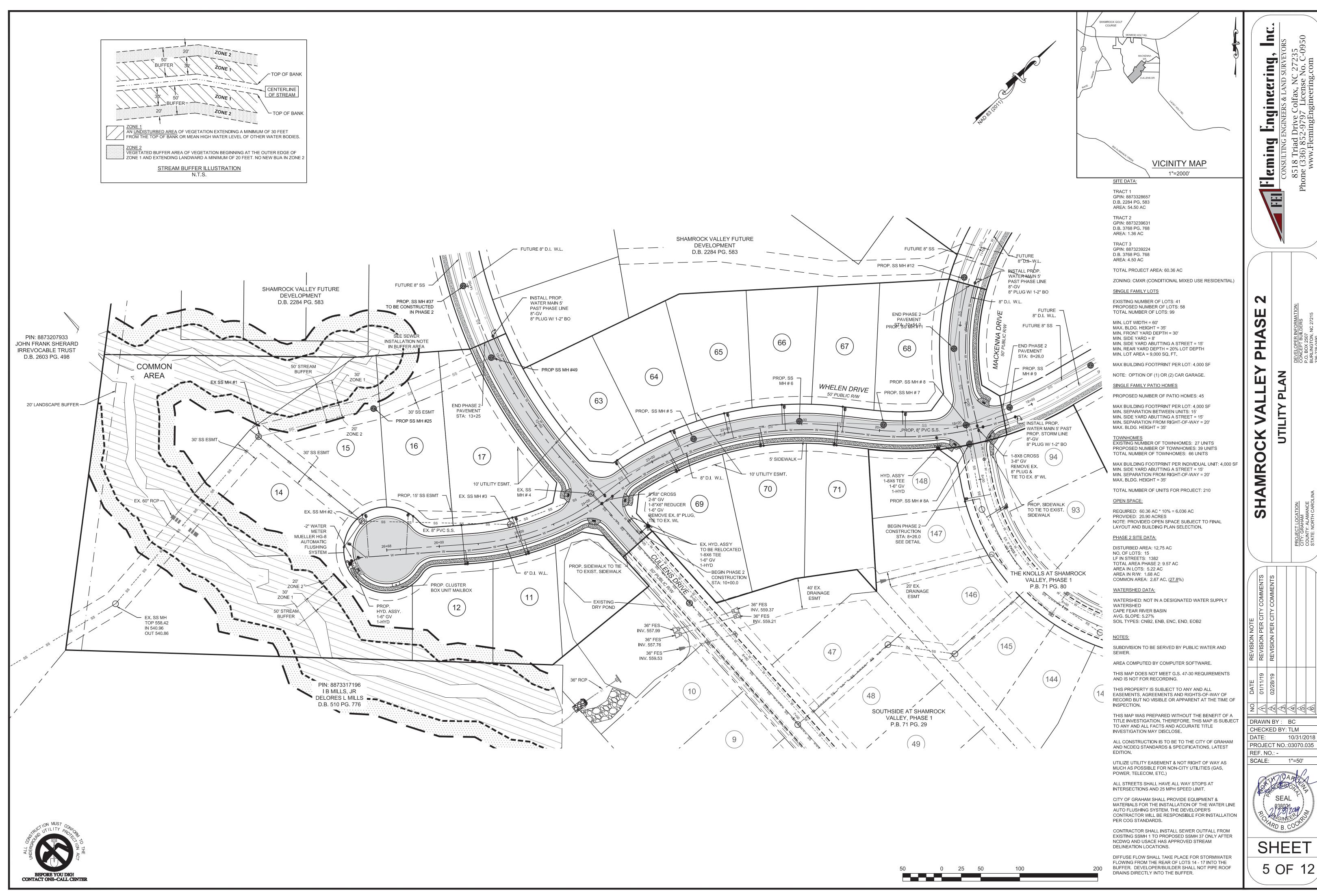
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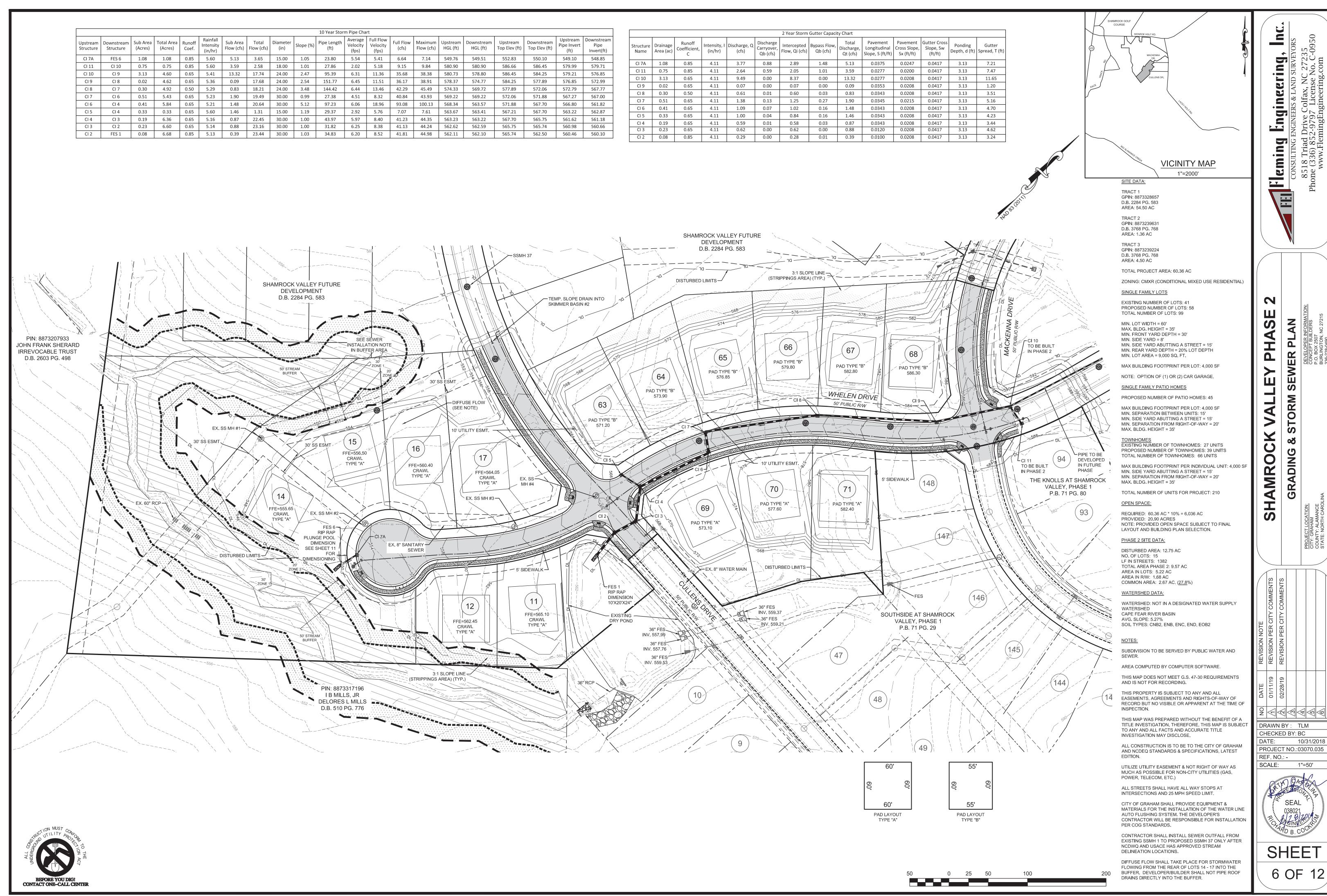
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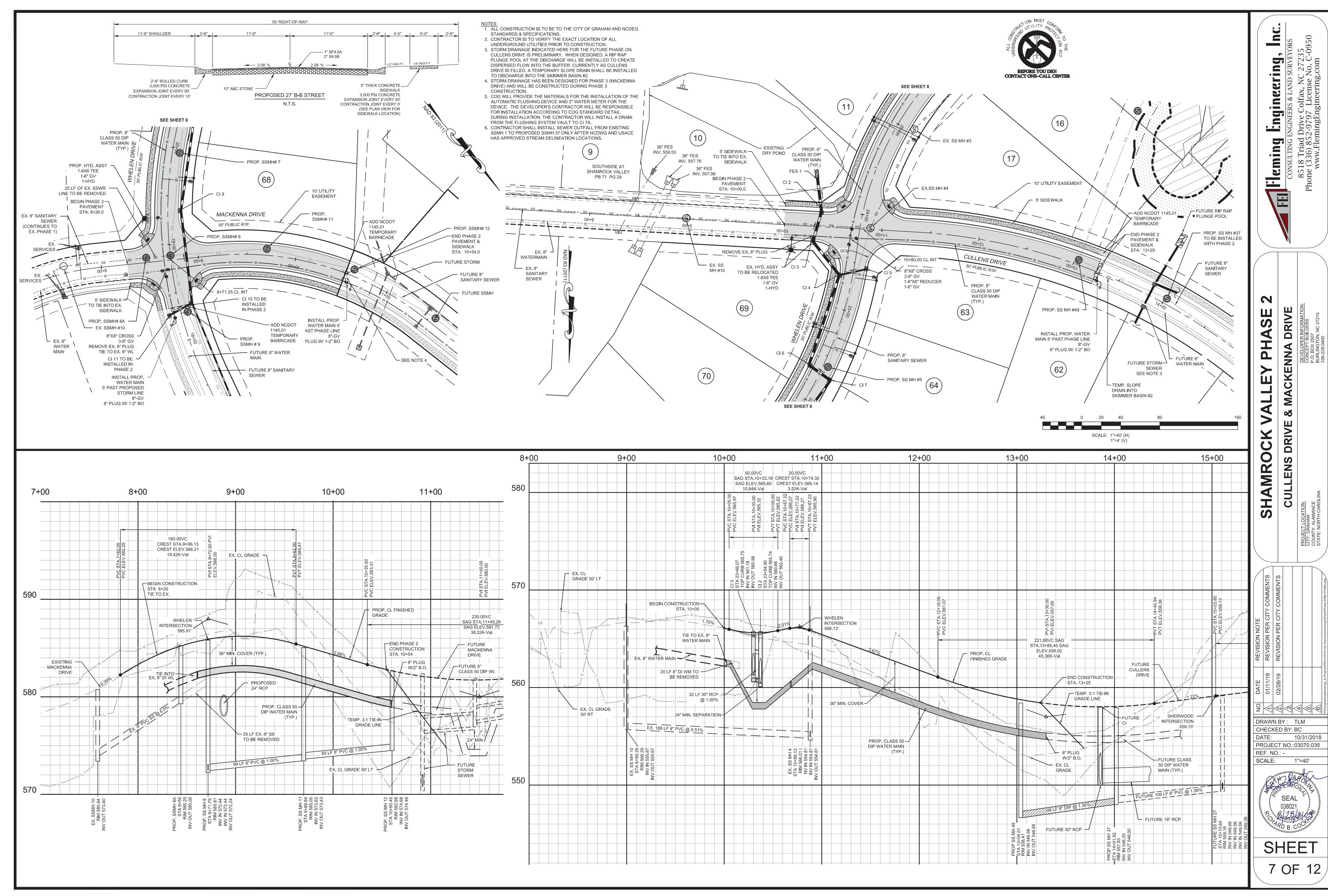
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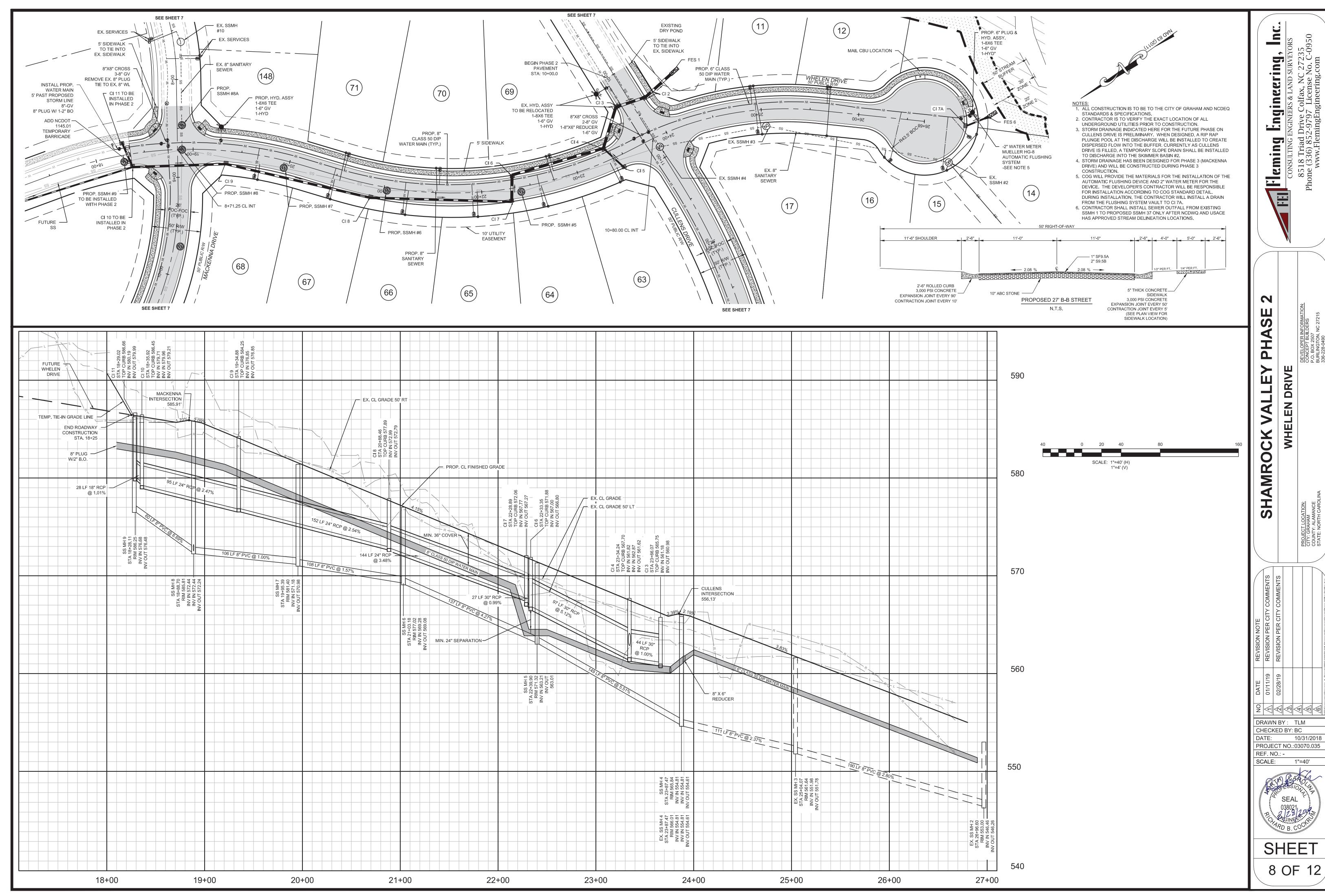


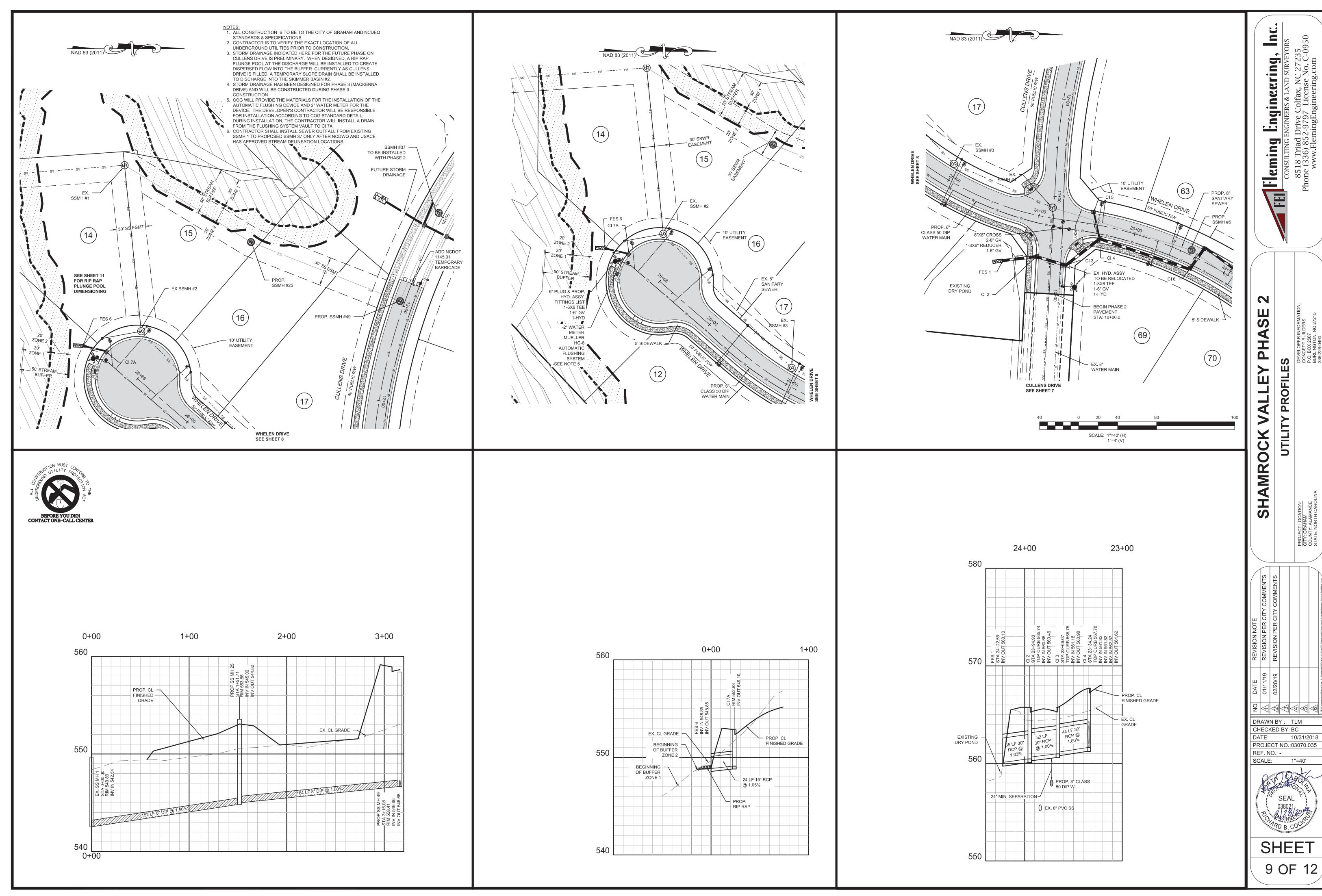


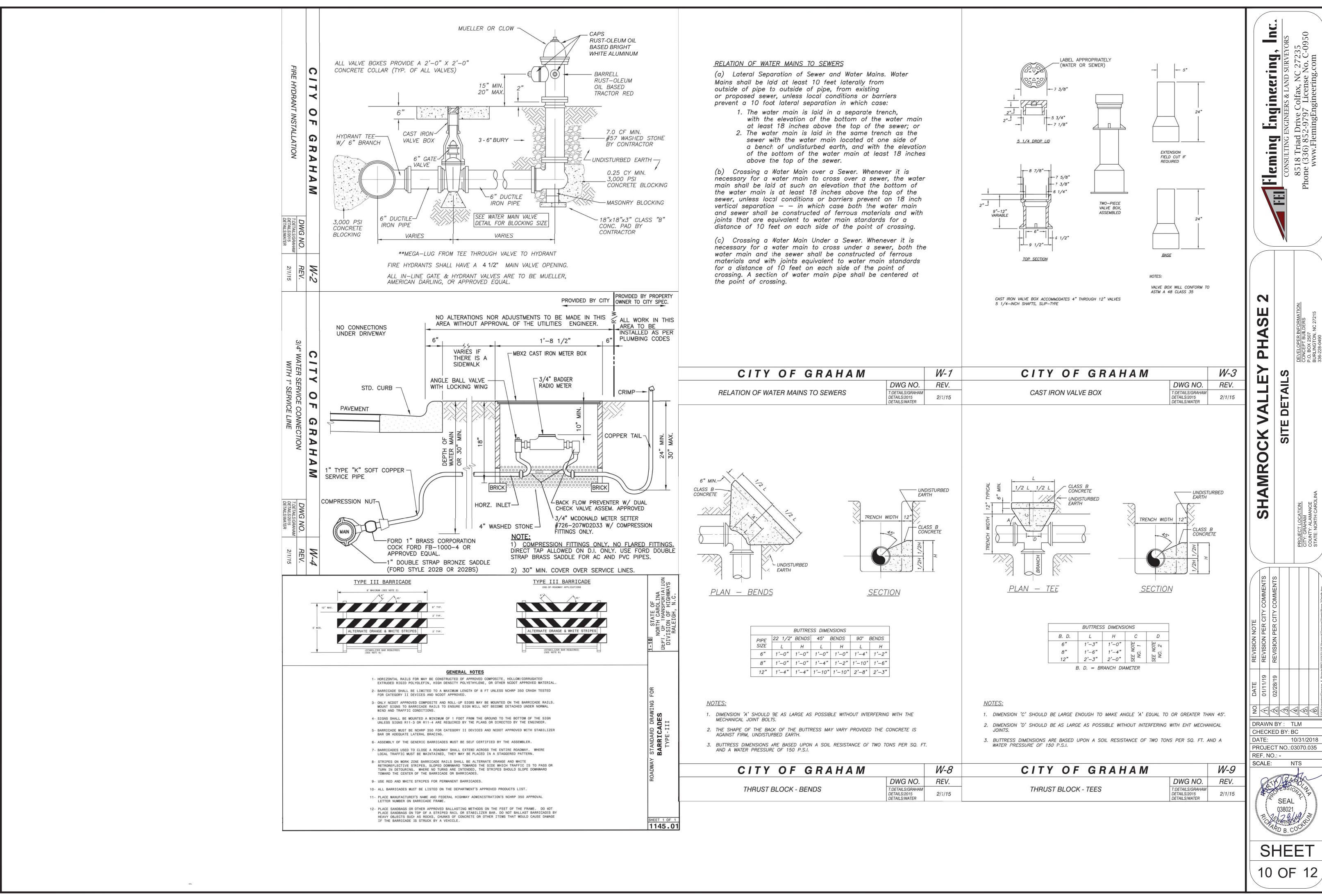


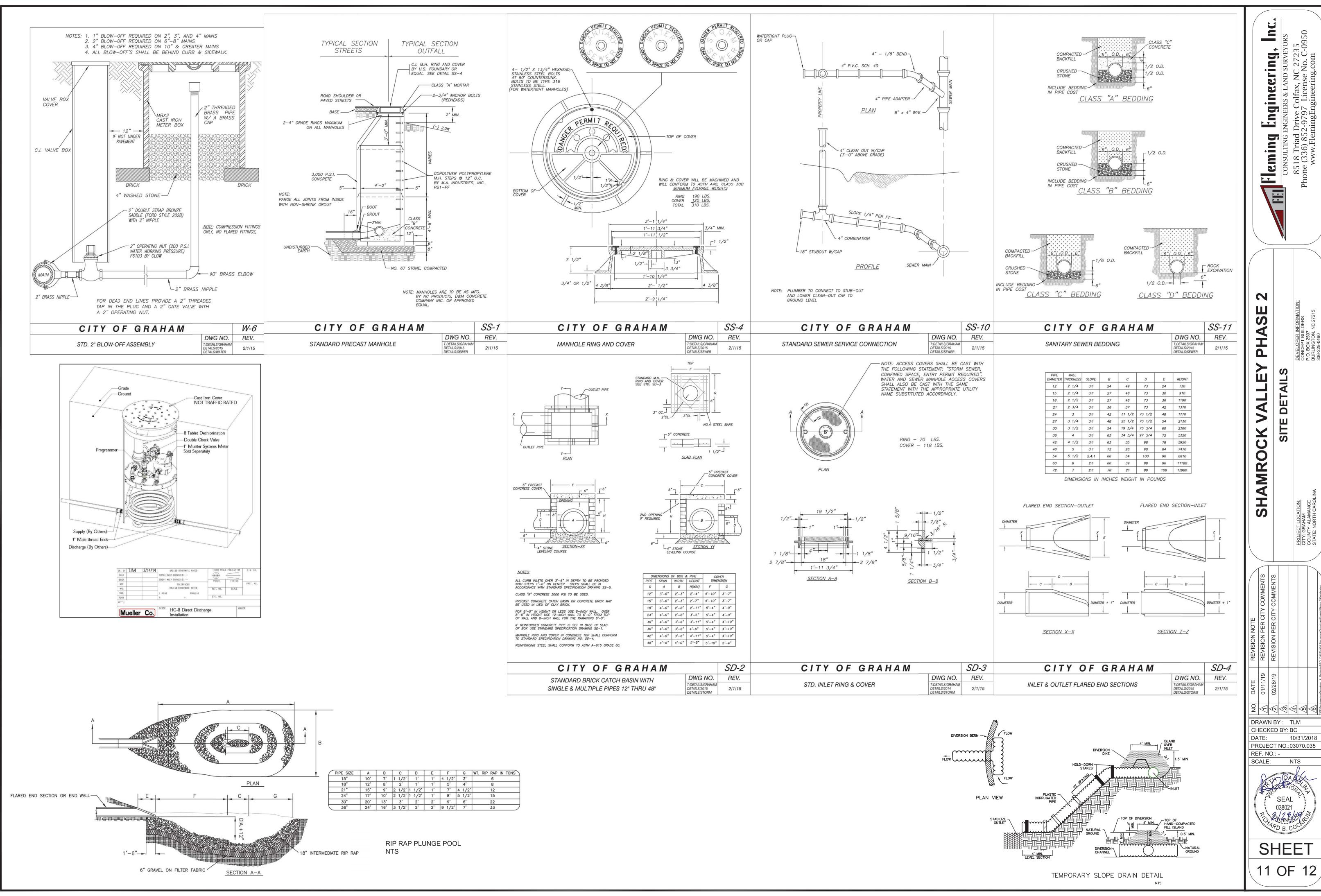


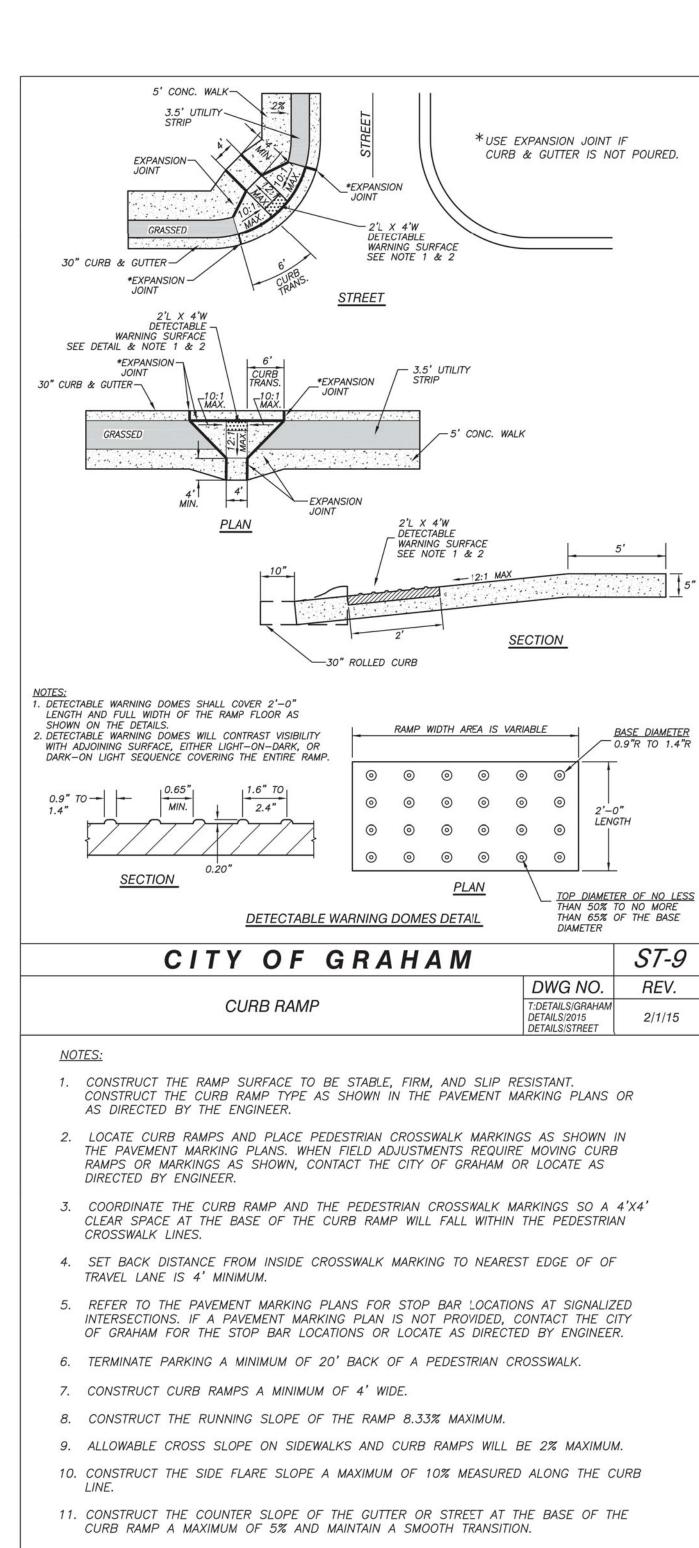


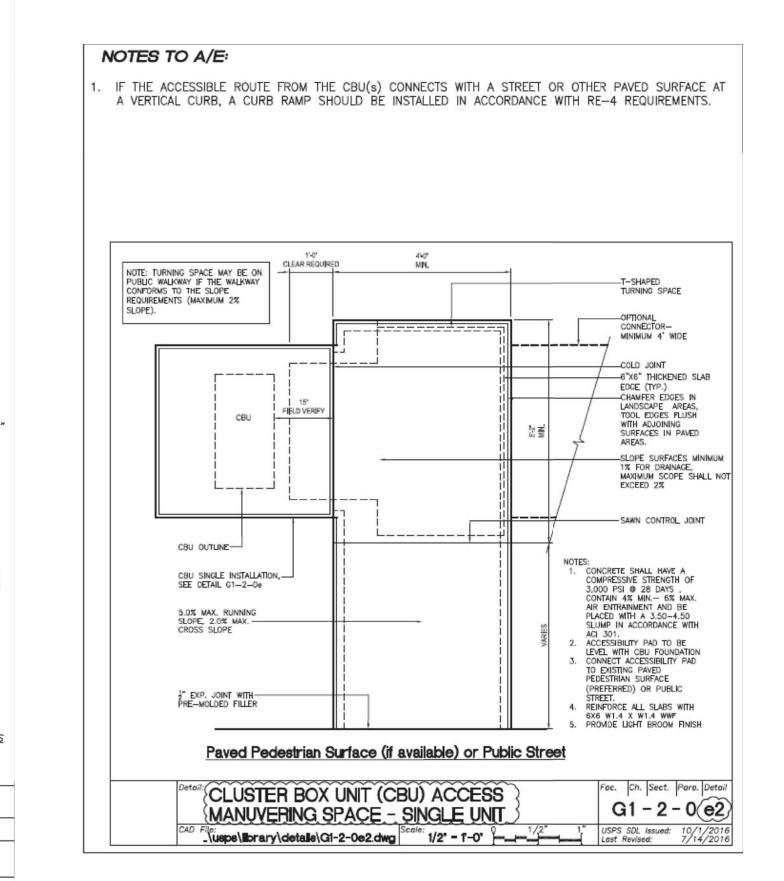












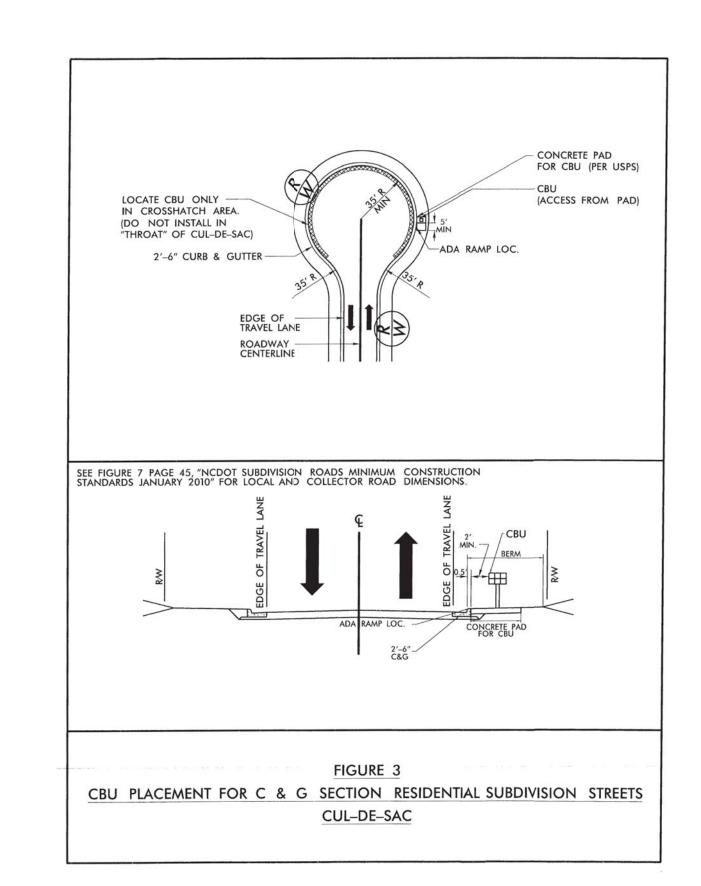
CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR

REV.

2/1/15

- 3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'X4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN
- 5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE CITY
- 9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
- 10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB
- 12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'X4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'X5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
- 13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
- 14. SMALL CHANNELIZATION ISLANDS THAT CANNOT PROVIDE A 5'X5' LANDING AT THE TOP OF A RAMP WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
- 15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
- 16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB.
- 17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
- 18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CITY OF GRAHAM OR AS DIRECTED BY ENGINEER FOR A SPECIAL DESIGN.

CITY OF GRAHAM		ST-10
	DWG NO.	REV.
CURB RAMP NOTES	T:DETAILS/GRAHAM DETAILS/2015 DETAILS/STREET	2/1/15



DRAWN BY: TLM CHECKED BY: BC

PROJECT NO.:03070.035

10/31/2018

S

PHA

VALLE

I S

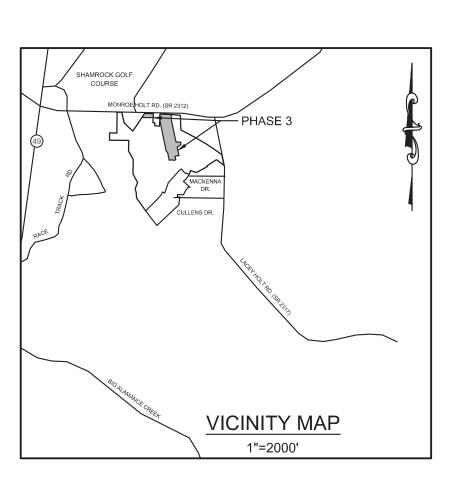
SHAMROCK VALLEY PHASE 3 CONSTRUCTION PLANS

CITY OF GRAHAM * ALAMANCE COUNTY NORTH CAROLINA DATE: 09-19-2019

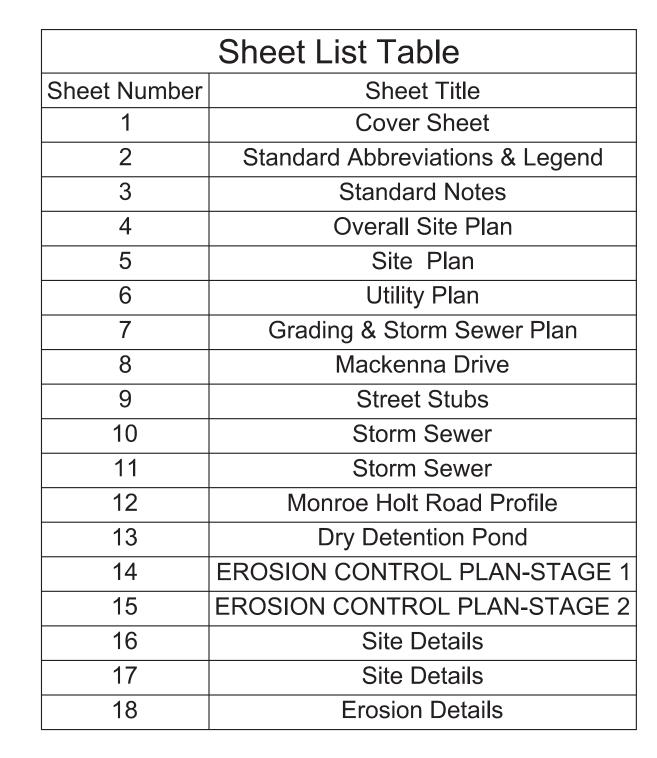
LATITUDE: 36°2'10.87" N LONGITUDE: 79°25'41.11"W

DEVELOPER INFORMATION: CONCEPT BUILDERS P.O. BOX 2507 BURLINGTON, NC 27215 336-228-0490

ENGINEERING CONTACT
RAVINDRA BISSRAM, PE
8518 TRIAD DRIVE
COLFAX, NC 27235
(336) 544-6426
RBISSRAM@FLEMINGENGINEERING.COM









ABAN ABANDONED LEFT OFFSET FROM CENTERLINE **ACRES** LIGHT POLE AGGREGATE LINEAR FEET AIR RELEASE VALVE MANHOLE ASPHALT MAXIMUM ASPHALT BASE COURSE MAXIMUM/MINIMUM BUILDING LINE BACK OF CURB MECHANICAL JOINT BACKFLOW PREVENTER MINIMUM MON MONUMENT BEST MANAGEMENT PRACTICES NOT IN CONTRACT NTS NOT TO SCALE OC ON CENTER OHP OVERHEAD UTILITIES BUILDING PG CAST IRON PIPE PED PEDESTRIAN CATCH BASIN CENTERLINE PLAT BOOK PVC CLEANOUT POLYVINYL CHLORIDE PCC PORTLAND CEMENT CONCRETE **CLUSTER BOX UNIT** COMM COMMUNICATION POWER CONC POWER POLE CONCRETE CMON PROPERTY LINE CONCRETE MONUMENT CONST CONSTRUCTION

AC

AGG

ARV

ASPH

ABC

BFP

BEG

BMP

BOL

BTM

CIP

CB

CO

CBU

CMP

CRK

CY

C&G

DB

DEMO

DIA

DOM

DCA

DE

DWG

DWY

DIP

EC

EG

EP

EMH

EX

FC

FO

FG

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FDC

FΗ

FES

FIP

FIR

GV

GI

HVAC

HDPE

HYD

INV

IRR

EL,ELEV

ESMT

CORRUGATED METAL PIPE

DOUBLE CHECK ASSEMBLY

DRAINAGE EASEMENT

DUCTILE IRON PIPE

EDGE OF CONCRETE

EDGE OF PAVEMENT

ELECTRICAL MANHOLE

FINISHED FLOOR ELEVATION

FIRE DEPARTMENT CONNECTION

HEATING, VENTILATION, AIR CONDITIONING

HIGH DENSITY POLYETHYLENE

EDGE OF GRAVEL

CUBIC YARDS

CURB INLET

DEED BOOK

DEMOLITION

DIAMETER

DOMESTIC

DRAWING

DRIVEWAY

EASEMENT

ELECTRICAL

ELEVATION

FACE OF CURB

FIBER OPTIC

FINISH GRADE

FIRE HYDRANT

FOUND IRON PIPE

FOUND IRON ROD

FLOW LINE

GATE VALVE

GRATE INLET

HYDRANT

IRRIGATION

INVERT

GAS

FLARED END SECTION

EXISTING

CURB AND GUTTER

BLDG

PROPOSED RADIUS RAILROAD REDUCED PRESSURE BACKFLOW REINFORCED CONCRETE PIPE RIGHT OF WAY RIGHT OFFSET FROM CENTERLINE SS SANITARY SEWER SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE SVC SERVICE LATERAL SIP SET IRON PIPE SIDEWALK SIGHT DISTANCE EASEMENT STANDARD STA STATION STORM DRAIN STMH STORM MANHOLE TMH TELEPHONE MANHOLE TPED TELEPHONE PEDESTAL **TEMPORARY** T/C TOP OF CURB TBM TRAVERSE BENCHMARK TYP TYPICAL UG UNDERGROUND

UTILITY EASEMENT

VALLEY GUTTER

WATER

WATER MAIN

WATER VALVE

YARD INLET

VITRIFIED CLAY PIPE

UE

VG

VCP

WTR

WV

WL/WM

PROPOSED EXISTING CENTERLINE COMMUNICATIONS (UNDERGROUND) CONTOUR LINES CREEK, STREAM OR WATER BODY -···-**CURB & GUTTER** ======== DISTURBED AREA _____ DITCH **DIVERSION BERM** \Rightarrow DIVERSION BERM (CLEAN) DRAINAGE AREA **EASEMENT (ACCESS)** — - - ACE ---- ACE ---——— ACE ——— ACE ——— —-- BMPE---- BMPE---——— BMPE---- BMPE--— EASEMENT (BMP) EASEMENT (DMUE) --- DMUE---- DMUE------ DMUE---- DMUE---EASEMENT (DRAINAGE) ___ ___ ____ --- ESSE ---- ESSE ---EASEMENT (SANITARY) ------- EUE---- EUE---EASEMENT (STORM) EASEMENT (WATER) ——— EWE ——— EWE ——— --- ---- ---EASEMENT (MISC) ELECTRIC (OVERHEAD) —-- UE ---- UE --— ELECTRIC (UNDERGROUND) **EROSION BAFFLE** $\overline{}$ FENCE _ x ___ x ___ x __ _ x ___ x ___ x __ FLOODPLAIN FLOODWAY — FW — FW — **GAS LINE** —-- G ---- G --— GUARDRAIL 0 0 0 LANDSCAPE BUFFER LANDSCAPED AREA —-- LA ---- LA --— PHASE LINE PROPERTY LINE (ADJACENT) _____ PROPERTY LINE (SUBJECT) RAILROAD TRACKS RIGHT OF WAY _____ ROOF DRAIN ——— RD ——— RD ——— SANITARY SEWER (FORCEMAIN) —-- FM ---- FM ---SANITARY SEWER (GRAVITY) --- SS---- SS---____ SB____ SB___ ____ SB____ SB___ SETBACKS ____ SF____ SF___ SILT FENCE _____ --- ST---- ST---STORM DRAIN STREAM BUFFER (ZONE 1) STREAM BUFFER (ZONE 2) ______

_____W___W___

—— w——— w——

.~~~~~.

WATER MAIN

WOODS LINE

PROPOSED EXISTING

SYMBOLS & LINETYPE LEGEND

[BFP	BFP	BACKFLOW PREVENTER
			BENCHMARK
	0	-	BLOWOFF
	СМ	СМ	COMMUNICATION BOX OR MANHOLE
	0	0	COMPUTED POINT
			CURB INLET
	0	•	DRAINAGE MANHOLE
	€	E	ELECTRIC METER
	E	E	ELECTRIC PEDESTAL
	Fd	FO	FIBER OPTIC PEDESTAL OR MARKER
	(FDC)	FDO	FIRE DEPARTMENT CONNECTION
		Ø	FLARED END SECTION
	©	©	GAS METER OR MARKER
	^{©V}	^{GV}	GAS VALVE
			GRATE INLET
		—	HEADWALL OR ENDWALL
	00	00	HVAC
3	æ	¥	HYDRANT
(•	IRON PIPE
	\$	\$	LIGHT POLE
	0	0	MISCELLANEOUS METER
	U	U	MISCELLANEOUS UTILITY PEDESTALOR MARKER
	Δ	Δ	REDUCER
			RIGHT OF WAY MONUMENT
D			ROCK DAM
	0	0	SANITARY CLEANOUT

SANITARY MANHOLE

TRANSMISSION TOWER

TREE (UNDERSTORY)

TRANSFORMER

TREE (CANOPY)

UTILITY POLE

WATER METER

WATER VALVE

YARD GRATE

YARD INLET

WELL

SHRUB

B

HATCHING & SHADING

ASPHALT
BUILDING
 CONCRETE
GRAVEL
RIP RAP
ROCK

3 END PHASE

18 € (3) ₩

Fing.

SHAMROCK N

DRAWN BY: TLM,CCP

CHECKED BY: RB

DATE: 09-19-2019

PROJECT NO.: 03070.035 REF. NO.: -SCALE: NGINEER ANDRA BIS SHEET 2 OF 18



SITE PLAN NOTES:

THE PURPOSE OF THIS DEVELOPMENT PROJECT IS TO CONSTRUCT PHASE 3 OF SHAMROCK VALLEY SUBDIVISION. THIS PHASE WILL CONSIST OF A MIX BETWEEN SINGLE FAMILY, PATIO, AND MULTI-FAMILY HOMES, THE PROJECT WILL TIE IN PHASE 2 AND EXTEND TO MONROE HOLT ROAD (SR 2312). THE SECOND (FUTURE) ENTRANCE TO MONROE HOLT ROAD FROM NOLAN DRIVE WILL BE INSTALLED AT THIS TIME. THE SITE WILL BE SERVED BY PUBLIC SEWER AND WATER AND WILL BE MAINTAINED BY THE CITY OF GRAHAM. RESIDENTIAL STREETS WILL BE MAINTAINED BY CITY OF GRAHAM. IN ADDITION, A FUTURE DRY DETENTION POND, WILL BE INSTALLED IN THIS PHASE AND USED AS AN EROSION CONTROL SEDIMENT TRAP DURING CONSTRUCTION.

- 1. WITHIN THE SIGHT DISTANCE TRIANGLES SHOWN, NO OBSTRUCTION BETWEEN 2' AND 6' IN HEIGHT ABOVE THE CURB LINE ELEVATION SHALL BE LOCATED IN WHOLE OR IN PART, OBSTRUCTIONS INCLUDE BUT ARE NOT LIMITED TO ANY BERM, FOLIAGE, FENCE, WALL, SIGN, OR PARKED VEHICLE.
- 2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST CITY OF GRAHAM, NCDEQ AND NCDOT STANDARDS AND
- 3. ALL DIMENSIONS SHOWN ON SITE PLAN ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 4. ALL STREETS SHALL HAVE ALL WAY STOPS AT INTERSECTIONS AND 25 MPH SPEED LIMIT.
- 5. SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE COMPACTED TO STANDARD PROCTOR MAXIMUM DRY DENSITY OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- 6. CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED, CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY, AGENCY, OR COMPANY, CONTRACTOR TO COORDINATE ACTIVITIES WITH UTILITY COMPANIES INVOLVED IN ANY RELATED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- 8. EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND THE BEST AVAILABLE RECORD DRAWINGS THE CONTRACTOR SHALL VERIFY CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING UNDERGROUND UTILITIES WITHIN MONROE HOLT ROAD PRIOR TO ORDERING UNDERGROUND STRUCTURES, ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 9. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE WITH THE CITY OF GRAHAM INSPECTIONS DEPARTMENT, OWNER/REP., AND ENGINEER/REP.
- 10. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- 11. ALL STREET NAME SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD INCLUDING MIXED CASE LETTERING, PROPER LETTER HEIGHTS, AND RETROREFLECTIVITY.
- 12. CONTRACTOR SHALL CONFORM TO ALL CONDITIONS WITH NCDOT DRIVEWAY PERMIT AND ENCROACHMENT AGREEMENTS WHEN WORKING WITHIN THE MONROE HOLT ROAD (SR 2317) PUBLIC R/W

SURVEY NOTES:

- 1. AREA COMPUTED BY COMPUTER SOFTWARE.
- 2. THIS MAP DOES NOT MEET G.S. 47-30 REQUIREMENTS AND IS NOT FOR RECORDING.
- 3. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, AGREEMENTS AND RIGHTS-OF-WAY OF RECORD BUT NO VISIBLE OR APPARENT AT THE TIME OF INSPECTION.
- 4. THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF A TITLE INVESTIGATION. THEREFORE, THIS MAP IS
- SUBJECT TO ANY AND ALL FACTS AND ACCURATE TITLE INVESTIGATION MAY DISCLOSE. 5. BOUNDARY INFORMATION OBTAINED BY FIELD RUN SURVEY, PERFORMED BY FLEMING ENGINEERING,
- 6. LOCATION WORK SHOWN HEREON WAS DERIVED BY ABOVE GROUND INDICATORS ONLY, UNLESS OTHERWISE NOTED
- 7. THIS PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE AS INDICATED ON THE FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 3710887300K, EFFECTIVE DATE NOVEMBER 17, 2017.

RETAINING WALL NOTES

- 1 THE RETAINING WALL ALIGNMENT SHOWN ON THESE PLANS DEPICTS THE LOCATION OF THE FRONT FACE OF THE RETAINING WALL AT THE TOP OF THE WALL THE CONTRACTOR IS RESPONSIBLE FOR ENSURING RETAINING WALLS ARE NOT LOCATED IN ANY STREAM BUFFERS, AND THEIR CONSTRUCTION DOES NOT ENCROACH INTO ANY ADJACENT PROPERTIES DUE TO ANY BATTER INCORPORATED IN THE DESIGN OF THE WALLS.
- 2. RETAINING WALLS ARE TO BE DESIGN-BUILD PROJECTS BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL CONSTRUCTION DRAWINGS FROM A REGISTERED ENGINEER AND GAIN ALL REQUIRED APPROVALS, PERMITS, AND INSPECTIONS NECESSARY FOR THE CONSTRUCTION OF THE RETAINING WALLS.
- 3. THE TOP AND BOTTOM OF WALL ELEVATIONS SHOWN ON THESE PLANS IDENTIFY FINISHED GRADE ELEVATIONS ONLY. THE EXTENT THAT THE RETAINING WALL WILL BE EXTENDED BELOW GRADE TO THE FOOTING OR ABOVE GRADE TO THE TOP OF THE CAP BLOCK COURSE SHALL BE IDENTIFIED ON THE RETAINING WALL CONSTRUCTION DRAWINGS.
- 4. ANY PART OF RETAINING WALL OR TIEBACK SYSTEMS FOR THE RETAINING WALLS SHALL NOT BE ALLOWED WITHIN PUBLIC RIGHT-OF-WAY.
- 5. STORMWATER RUN-OFF SHALL BE DIRECTED AWAY FROM RETAINING WALLS. ANY RUN-OFF FLOWING TO AND OVER A RETAINING WALL SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND BROUGHT TO THE ATTENTION OF THE WALL DESIGNER PRIOR TO THEIR DESIGN OR AFTER WALL IS CONSTRUCTED AND BACKFILLED.

FIRE DEPARTMENT NOTES:

- 1. SITE SHALL COMPLY WITH THE LATEST NATIONAL BUILDING AND FIRE CODES.
- 2. THE NC STATE BUILDING CODE REQUIRES THAT ANY CONSTRUCTION INCLUDING DECKS LOCATED LESS THAN FIVE (5) FEET FROM A PROPERTY LINE, SHALL HAVE NOT LESS THAN A ONE-HOUR FIRE-RESISTIVE RATING WITH EXPOSURE FROM BOTH SIDES. THIS REQUIREMENT APPLIES TO ANY ATTACHED STRUCTURE SUCH AS DECKS OR PORCHES. THE NC STATE BUILDING CODE REQUIREMENTS IN EFFECT AT THE TIME OF THE BUILDING PERMIT APPLICATION WILL SUPERSEDE THIS NOTE.

GENERAL UTILITY NOTES:

- 1. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF GRAHAM AND NCDEQ STANDARDS & SPECIFICATIONS, LATEST EDITION.
- 2. UTILIZE UTILITY EASEMENT & NOT RIGHT OF WAY AS MUCH AS POSSIBLE FOR NON-CITY UTILITIES (GAS, POWER,
- 3. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- 4. SUBDIVISION TO BE SERVED BY PUBLIC WATER AND SEWER.
- 5. TRACER WIRE IS REQUIRED ON ALL WATER AND SEWER SERVICES AND MAINS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY, AGENCY, OR COMPANY. CONTRACTOR TO COORDINATE ACTIVITIES WITH UTILITY COMPANIES INVOLVED IN ANY RELATED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- 7. ELECTRIC, TELEPHONE, GAS, AND CABLE TV SERVICES ROUTING ARE NOT A PART OF THIS PLAN.
- 8. ALL PROPOSED ELECTRIC AND PHONE LINES SHALL BE INSTALLED UNDERGROUND EXCEPT IN SITUATIONS WHERE SUCH PLACEMENT IS PROHIBITED OR DEEMED IMPRACTICAL BY THE PROVIDER.
- 9. CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

SANITARY SEWER NOTES:

- 1. SANITARY SEWER AND STORM SEWERS SHALL HAVE A VERTICAL SEPARATION OF 24" WHEN THEY ARE LESS THAN 3' APART HORIZONTALLY, WHERE SANITARY SEWER AND THE STORM SEWER HAVE A VERTICAL SEPARATION OF LESS THAN 24" THE SANITARY SEWER LINE SHALL BE CONSTRUCTED OF DIP AND THE SPACE BETWEEN THE PIPES SHALL BE FILLED WITH FLOWABLE FILL THAT MEETS OR EXCEEDS NCDOT STANDARDS.
- 2. MINIMUM SLOPE FOR 4 INCH & 6 INCH SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 2.0% AND 1.0%,
- 3. ALL SANITARY SEWER MAINS SHALL BE PVC SDR-35 EXCEPT WHERE CONDITIONS WARRANT DUCTILE IRON PIPE.
- 4. ALL SEWER CLEANOUTS IN PAVEMENT AREAS SHALL BE TRAFFIC BEARING

WATER NOTES:

- 1. WATER MAIN TO BE INSTALLED WITH 18 INCHES VERTICAL CLEARANCE MINIMUM FROM OTHER UNDERGROUND UTILITIES AND 10 FEET HORIZONTAL CLEARANCE FROM ALL OTHER UTILITIES.
- 2. WHERE THE WATER MAIN AND SEWER MAIN CROSS AND THE VERTICAL SEPARATION IS LESS THAN 18" OR THE WATER MAIN GOES UNDERNEATH THE SEWER THE WATER LINE SHALL BE DIP AND THE SPACE BETWEEN THE TWO SHALL BE FILLED WITH FLOWABLE FILL THAT MEETS OR EXCEEDS NCDOT STANDARDS.
- 3. ALL WATER MAINS SHALL BE DUCTILE IRON PIPE IN ACCORDANCE WITH AWWA C150 OR C151.
- 4. MATERIALS AND INSTALLATION SHALL CONFORM TO CITY OF GRAHAM STANDARDS.

STORM DRAINAGE NOTES:

- 1. ALL STORM DRAINAGE PIPES SHOWN ARE TO BE CLASS III REINFORCED CONCRETE (RCP) UNLESS NOTED OTHERWISE.
- 2. ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATION MATTER, WASTE CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE MATERIAL. SAID MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND SHALL HAVE NO TENDENCY TO FLOAT OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR PROOF ROLLING.
- 3. MATERIALS DEEMED BY THE OWNER'S REPRESENTATIVE AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
- 4. PIPE FOR ROOF DRAINS SHALL BE PVC SDR-26 OR SCH. 40 PVC.

GRADING NOTES:

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CITY OF GRAHAM, NCDEQ AND NCDOT STANDARDS AND SPECIFICATIONS.
- 2. CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY
- 3. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE WITH THE EROSION CONTROL OFFICER AND OWNER'S REP/ENGINEER.
- 4. EXISTING CONTOURS ARE BASED ON SURVEY COMPLETED BY FLEMING ENGINEERING, INC. EXISTING UTILITIES SHOWN ARE BASED ON SURVEY AND THE BEST AVAILABLE RECORDS. THE CONTRACTOR. HOWEVER, SHALL VERIFY CONDITIONS PRIOR TO BEGINNING CONSTRUCTION, ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- 5. GRADING AND CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 88 (NAVD88).
- 6. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE ENGINEER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE OWNER.
- 7. EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION OR TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- 8. SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND SHOULD MEET OR EXCEED CITY OF GRAHAM
- 9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- 10. GRADING IN AREAS DESIGNATED AS "ACCESSIBLE" SHALL COMPLY WITH ALL FEDERAL AND LOCAL ACCESSIBILITY RULES AND GUIDELINES. EVEN THOUGH PLANS MAY NOT SHOW ALL SPOT ELEVATIONS IN THESE REGIONS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE AREAS ARE GRADED TO AMERICAN DISABILITY ACT (ADA) COMPLIANT SPECIFICATIONS.
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY AREAS WHERE SPILL CURB IS NECESSARY TO CONVEY RUNOFF TO THE NEAREST CATCH BASIN OR DROP INLET. THE OWNER AND/OR ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR CURBING INSTALLED THAT DOES NOT DRAIN
- 12. ALL PROPOSED INLETS, CATCH BASINS, AND DROP INLETS SHALL BE PROTECTED BY EROSION CONTROL MEASURES AS SHOWN AND SPECIFIED ON THE EROSION CONTROL PLAN.
- 13. THE CURB INLETS AND YARD INLETS SHALL BE CONSTRUCTED IN THE LOCATIONS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPORTING ANY DISCREPANCIES IN THE CATCH BASIN ELEVATIONS OR THE PROPOSED PIPE SLOPES TO THE ENGINEER. THE CONTRACTOR IS ALSO, RESPONSIBLE TO REPORT ANY CONFLICTS BETWEEN ANY UTILITY, STORM DRAIN LINE, WATER LINE, SEWER LINE OR ANY OTHER PROPOSED OR EXISTING STRUCTURE TO THE
- 14. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS. THE CONTRACTOR SHALL FIELD VERIFY GRADES SURROUNDING ALL BUILDINGS PRIOR TO GRADING ACTIVITIES AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- 15. FOR NPDES PERMIT COMPLIANCE: ALL SLOPES 3:1 AND STEEPER MUST BE STABILIZED WITHIN 7 DAYS, ALL OTHER AREAS MUST BE STABILIZED WITHIN 14 DAYS.
- 16. ALL STORM PIPE SPECIFIED AS REINFORCED CONCRETE (RCP) SHALL BE MINIMUM CLASS III PIPE.

EROSION CONTROL NOTES:

- 1. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE PROVIDED FOR ALL LAND DISTURBING WORK IN ACCORDANCE WITH AN APPROVED EROSION CONTROL PLAN.
- 2. ALL PERMANENT EROSION CONTROL MEASURES SHALL BE INCORPORATED INTO THE WORK AT THE EARLIEST PRACTICAL TIME.
- 3. ALL TEMPORARY MEASURES SHALL BE MAINTAINED UNTIL THE PERMANENT MEASURES HAVE TAKEN EFFECT OR APPROVED BY THE EROSION CONTROL OFFICER.

EROSION CONTROL MAINTENANCE PLAN

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS
- 2. SEDIMENT BASINS SHALL BE INSPECTED REGULARLY DURING LAND DISTURBING ACTIVITIES AND AFTER EACH RUNOFF-PRODUCING RAINFALL. SEDIMENT SHALL BE REMOVED AND THE BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF EACH BASIN PORTIONS OF THE BASIN'S GRAVEL FACING THAT ARE CONTAMINATED BY SEDIMENT SHALL BE REPLACED WITH FRESH GRAVEL DURING EACH SEDIMENT REMOVAL EPISODE.
- 3. SEDIMENT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED AS NEEDED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAINFALL EVENT. AND TO REDUCE PRESSURE ON THE FENCE, FENCING MATERIALS AND SEDIMENT DEPOSITS SHALL BE REMOVED. AND THE AREA BROUGHT TO GRADE FOLLOWING STABILIZATION OF UPGRADIENT DISTURBED AREAS.
- 4. DIVERSION DITCHES MUST REMAIN IN PLACE UNTIL PROJECT IS STABILIZED AND PERMISSION GIVEN BY THE EROSION CONTROL OFFICER.
- 5. ONCE THE GRADING PERMIT IS ISSUED, THE OWNER OR OWNER'S REPRESENTATIVE MUST FILE e-NOI TO OBTAIN NCG01 PERMIT
- 6. A RAIN GAUGE AND REPORT BOX SHALL BE LOCATED ON-SITE FOR RAINFALL MONITORING AND SITE INSPECTIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONDUCTING THE WEEKLY INSPECTIONS OR AFTER 1" OF RAINFALL TO CONFORM WITH THE NPDES PERMIT REQUIREMENTS. REPORTS SHALL BE KEPT IN THE INSPECTION BOX AND REMAIN AVAILABLE TO REVIEWING AGENCIES UPON REQUEST.

RETAINING WALL NOTES

- 1. THE RETAINING WALL ALIGNMENT SHOWN ON THESE PLANS DEPICTS THE LOCATION OF THE FRONT FACE OF THE RETAINING WALL AT THE TOP OF THE WALL. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING RETAINING WALLS ARE NOT LOCATED IN ANY STREAM BUFFERS, AND THEIR CONSTRUCTION DOES NOT ENCROACH INTO ANY ADJACENT PROPERTIES DUE TO ANY BATTER INCORPORATED IN THE DESIGN OF THE WALLS.
- 2. RETAINING WALLS ARE TO BE DESIGN-BUILD PROJECTS BY THE CONTRACTOR. WALLS GREATER THAN 4' WILL REQUIRE AN ENGINEERING DESIGN & CERTIFICATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FINAL CONSTRUCTION DRAWINGS FROM A REGISTERED ENGINEER AND GAIN ALL REQUIRED APPROVALS, PERMITS, AND INSPECTIONS NECESSARY FOR THE CONSTRUCTION AND ENGINEERED CERTIFICATION OF THE RETAINING WALLS.
- 3. THE TOP AND BOTTOM OF WALL ELEVATIONS SHOWN ON THESE PLANS IDENTIFY FINISHED GRADE ELEVATIONS ONLY. THE EXTENT THAT THE RETAINING WALL WILL BE EXTENDED BELOW GRADE TO THE FOOTING OR ABOVE GRADE TO THE TOP OF THE CAP BLOCK COURSE SHALL BE IDENTIFIED ON THE RETAINING WALL CONSTRUCTION DRAWINGS.
- 4. ANY PART OF RETAINING WALL OR TIEBACK SYSTEMS FOR THE RETAINING WALLS SHALL NOT BE ALLOWED WITHIN PUBLIC RIGHT-OF-WAY.
- 5. STORMWATER RUN-OFF SHALL BE DIRECTED AWAY FROM RETAINING WALLS. ANY RUN-OFF FLOWING TO AND OVER A RETAINING WALL SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND BROUGHT TO THE ATTENTION OF THE WALL DESIGNER PRIOR TO THEIR DESIGN OR AFTER WALL IS CONSTRUCTED AND BACKFILLED.

FIRE DEPARTMENT NOTES:

- 1. SITE SHALL COMPLY WITH THE LATEST NATIONAL BUILDING AND FIRE CODES.
- 2. THE NC STATE BUILDING CODE REQUIRES THAT ANY CONSTRUCTION INCLUDING DECKS LOCATED LESS THAN FIVE (5) FEET FROM A PROPERTY LINE, SHALL HAVE NOT LESS THAN A ONE-HOUR FIRE-RESISTIVE RATING WITH EXPOSURE FROM BOTH SIDES. THIS REQUIREMENT APPLIES TO ANY ATTACHED STRUCTURE SUCH AS DECKS OR PORCHES. THE NC STATE BUILDING CODE REQUIREMENTS IN EFFECT AT THE TIME OF THE BUILDING PERMIT APPLICATION WILL SUPERSEDE THIS NOTE.

BORROW / WASTE MATERIAL NOTES:

1. IF THE SAME PERSON CONDUCTS THE LAND-DISTURBING ACTIVITY AND ANY RELATED BORROW/WASTE ACTIVITY, THE RELATED BORROW/WASTE ACTIVITY SHALL BE CONSIDERED PART OF THE LAND-DISTURBING ACTIVITY, UNLESS THE BORROW/WASTE ACTIVITY IS REGULATED BY THE DIVISION OF WASTE MANAGEMENT. IF THE LAND-DISTURBING ACTIVITY AND ANY BORROW/WASTE ACTIVITY ARE NOT CONDUCTED BY THE SAME PERSON, THEY SHALL BE CONSIDERED SEPARATE LAND-DISTURBING ACTIVITIES AND MUST BE PERMITTED. THROUGH THE SEDIMENTATION AND POLLUTION CONTROL ACT AS A ONE-USE BORROW SITE OR THROUGH THE MINING CONTROL ACT.

TEMPORARY SEE	TEMPORARY SEEDING RECOMMENDATIONS					
PLANTING TYPE	PLANTING RATE LBS/ACRE	PLANTING DATES				
RYE GRAIN AND KOBE LESPEDEZA	120 50	JAN. 1 - MAY 1				
GERMAN MILLET OR SUDAN GRASS	40-50	MAY 1 - AUG. 15				
RYE GRAIN (OATS MAY BE SUBSTITUTED BEFORE OCT.1 OR WHEAT FROM OCT.1 - NOV. 15)	120	AUG. 15 - DEC. 30				
ANNUAL RYE GRASS WEEPING LOVEGRASS	40 5	AUG. 15 - NOV. 30 MAY 1 - AUG. 15				
1. WEEPING LOVEGRASS IS INCLUDED HERE BECAUSE	OF ITS ADAP	TABILITY TO POOR				

SOIL CONDITIONS, AND IS DROUGHT TOLERANT.

PREPARE SEEDBED BY RIPPING, CHISELING, HARROWING OR PLOWING TO DEPTH OF SIX INCHES SO AS TO PRODUCE A LOOSE FRIABLE SURFACE REMOVE ALL STONES BOULDERS STUMPS OR DEBRIS FROM THE SURFACE WHICH WOULD PROHIBIT GERMINATION OR PLANT GROWTH.

APPLY 750-1000 LBS. OF 10-10-10 FERTILIZER AND UP TO 2 TONS OF DOLOMITIC LIME PER ACRE. (NOTE: LIME MAY NOT BE REQUIRED IF A SOIL TEST INDICATES A PH OF 6.5 OR HIGHER.) MULCH AFTER SEEDING WITH 1.5 TONS OF GRAIN STRAW PER ASPHALT AT 400 GALLONS PER ACRE OR EMULSIFIED ASPHAL

AT 300 GALLONS PER ACRE.

1					
PERMANENT SEEDINGS					
PLANTS & MIXTURE	PLANTING RATE LBS/ACRE	PLANTING DATES			
TALL FESCUE (LOW MAINTENANCE)	100-150	SEPT. 1 - APRIL 15			
TALL FESCUE WATERWAYS & LAWNS (HIGH MAINTENANCE)	200-250	SEPT. 1 - APRIL 16			
BLEND OF TWO TURF TYPE TALL FESCUES (90%) AND TWO OR MORE IMPROVED KENTUCKY BLUEGRASS VARIEITES (10%) (HIGH MAINTENANCE)	200-250	SEPT. 1 - APRIL 17			
TALL FESCUE AND KOBE OR KOREAN LESPEDEZA 1	100 AND 10	MAY 1 - SEPT 1			
TALL FESCUE AND SERICEA LESPEDEZA 1	50 AND 15	SEPT 1 - APRIL 15			
TALL FESCUE AND GERMAN MILLET OR SUDANGRASS 2	60 AND 30	SEPT 1 - APRIL 16			
TALL FESCUE AND RYEGRAIN 2	70 AND 25	SEPT 1 - APRIL 17			
COMMON BERMUDAGRASS	25	APRIL 15 - JUNE 30			
1. FOR SPRING SEEDINGS, U	JSE SCARIF I I	ED LESPEDEZA SEED			

FOR LATE FALL AND WINTER SEEDINGS, USE UNSCARIFIED 2. ANNUALS SUCH AS MILLET, SUDANGRASS AND RYEGRAIN

MUST BE KEPT AT 10"-12" MAXIMUM HEIGHT. PREPARATION PREPARE SEEDBED BY RIPPING, CHISELING, HARROWING OR PLOWING TO DEPTH OF SIX INCHES SO AS TO PRODUCE A

LOOSE, FRIABLE SURFACE, REMOVE ALL STONES, BOULDERS, STUMPS OR DEBRIS FROM THE SURFACE WHICH WOULD

PROHIBIT GERMINATION OR PLANT GROWTH. INCORPORATE INTO THE SOIL 800 TO 1,000 POUNDS OF 10-10-10 FERTILIZER PLUS 500 POUNDS OF TWENTY PERCENT (20%) SUPERPHOSPHATE PER ACRE AND TWO TONS OF DOLOMITIC LIME PER ACRE UNLESS SOIL TESTS INDICATE THAT A LOWER RATE OF LIME BE USED.

MULCH AFTER SEEDING WITH 2.0 TONS OF GRAIN STRAW PER ACRE AND EITHER CRIMP STRAW INTO SOIL OR TACK WITH LIQUID ASPHALT AT 400 GALLONS PER ACRE OR EMULSIFIED ASPHALT AT 300 GALLONS PER ACRE.

GROUND STABILIZATION *					
SITE AREA DESCRIPTION	STABILIZATION TIME FRAME EXCEPTIONS				
PERIMETER DIKES, SWALES, DITCHES, AND SLOPES	7 DAYS	NONE			
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE			
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED			
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH			
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)			
* EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTABLE					



DRAWN BY: TLM.CCP

PROJECT NO.: 03070.035

CHECKED BY: RB

DATE: 09-19-2019

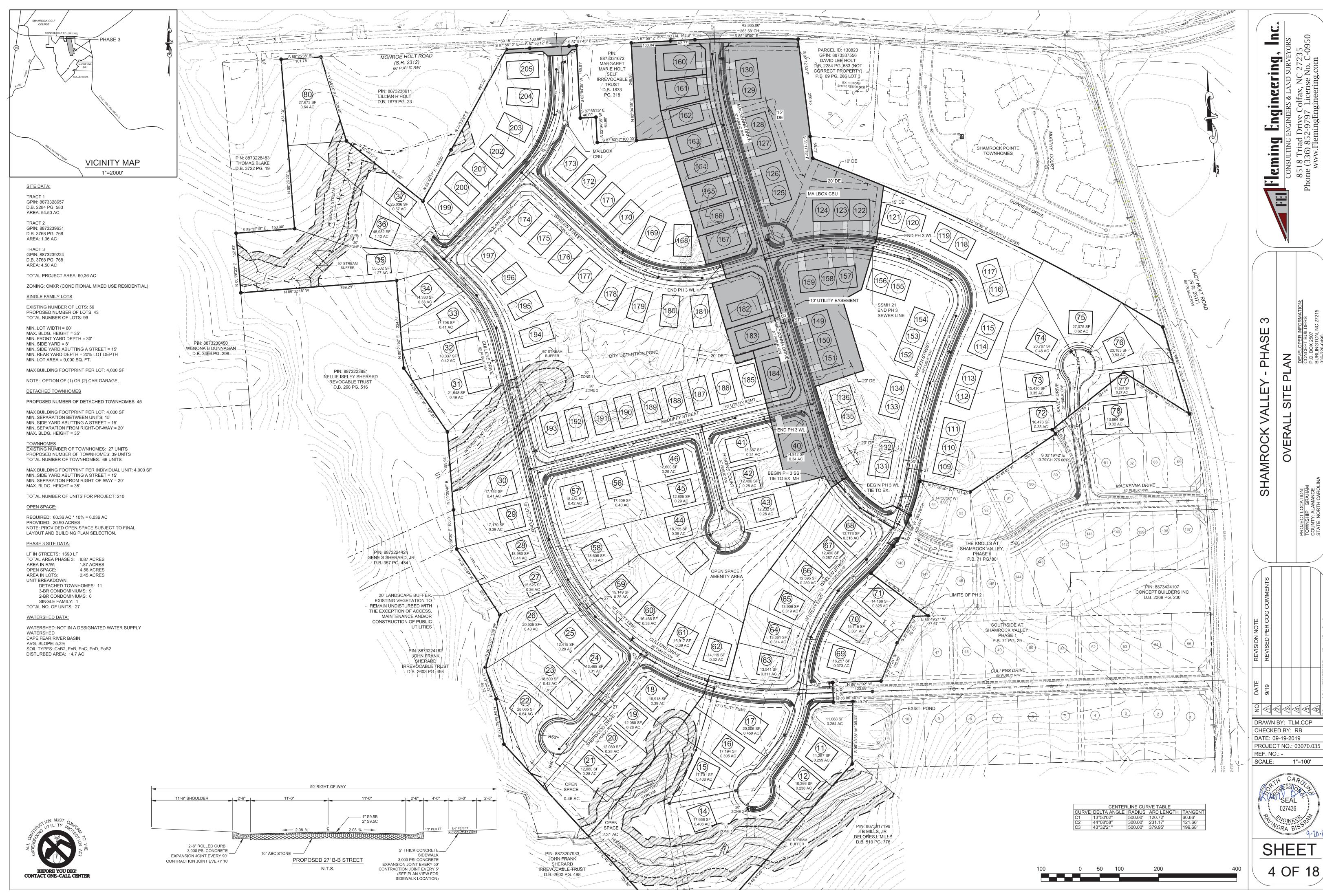
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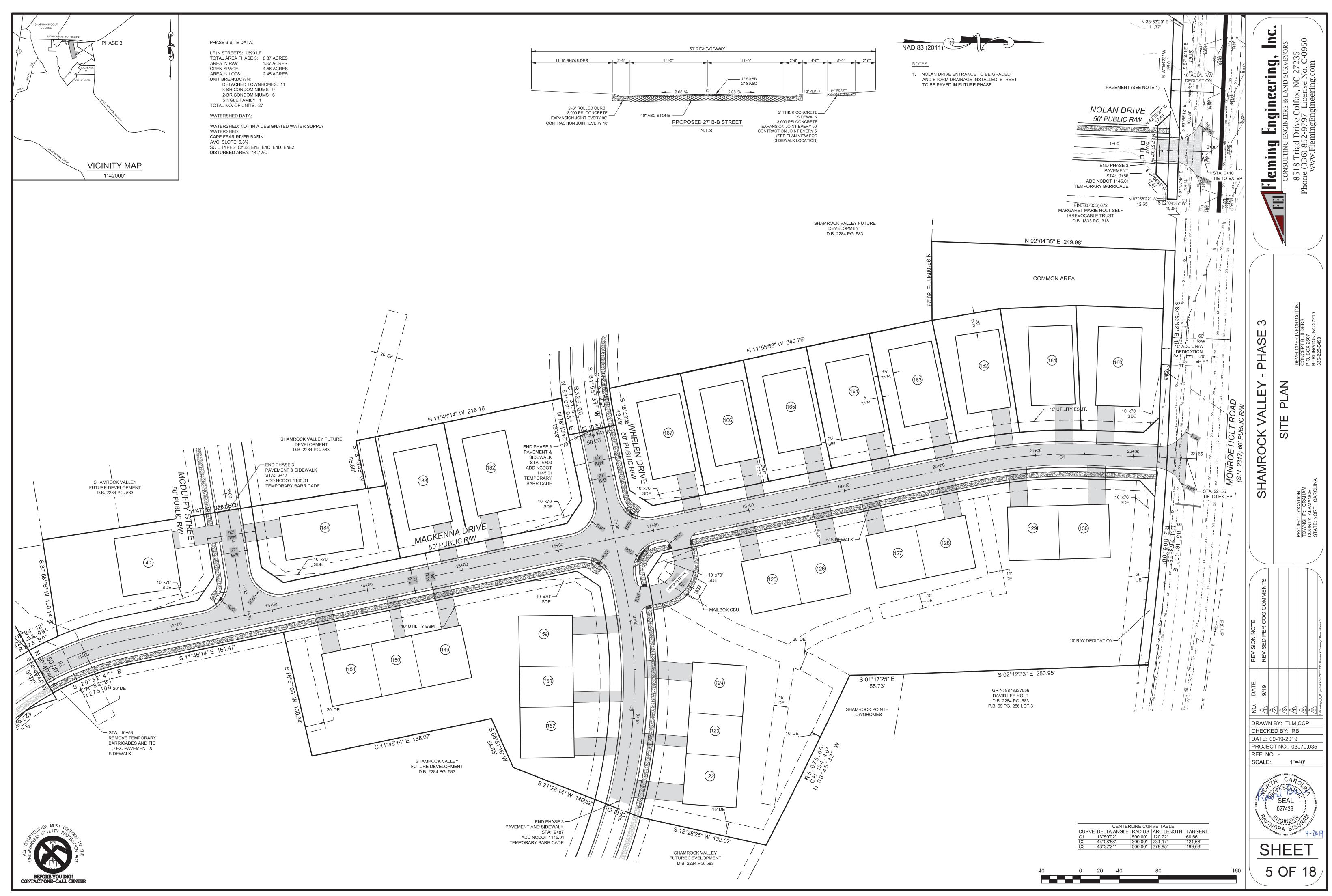
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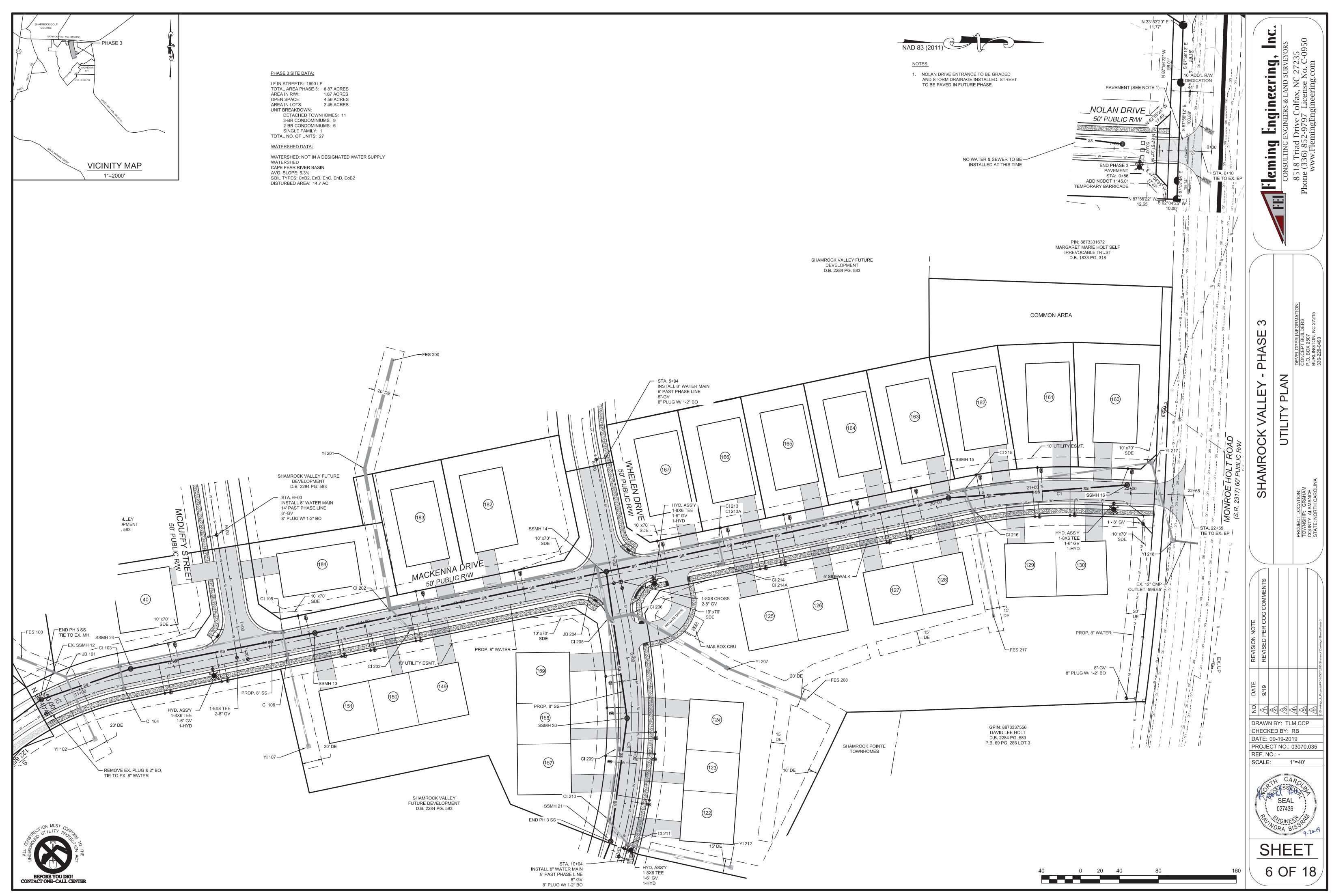
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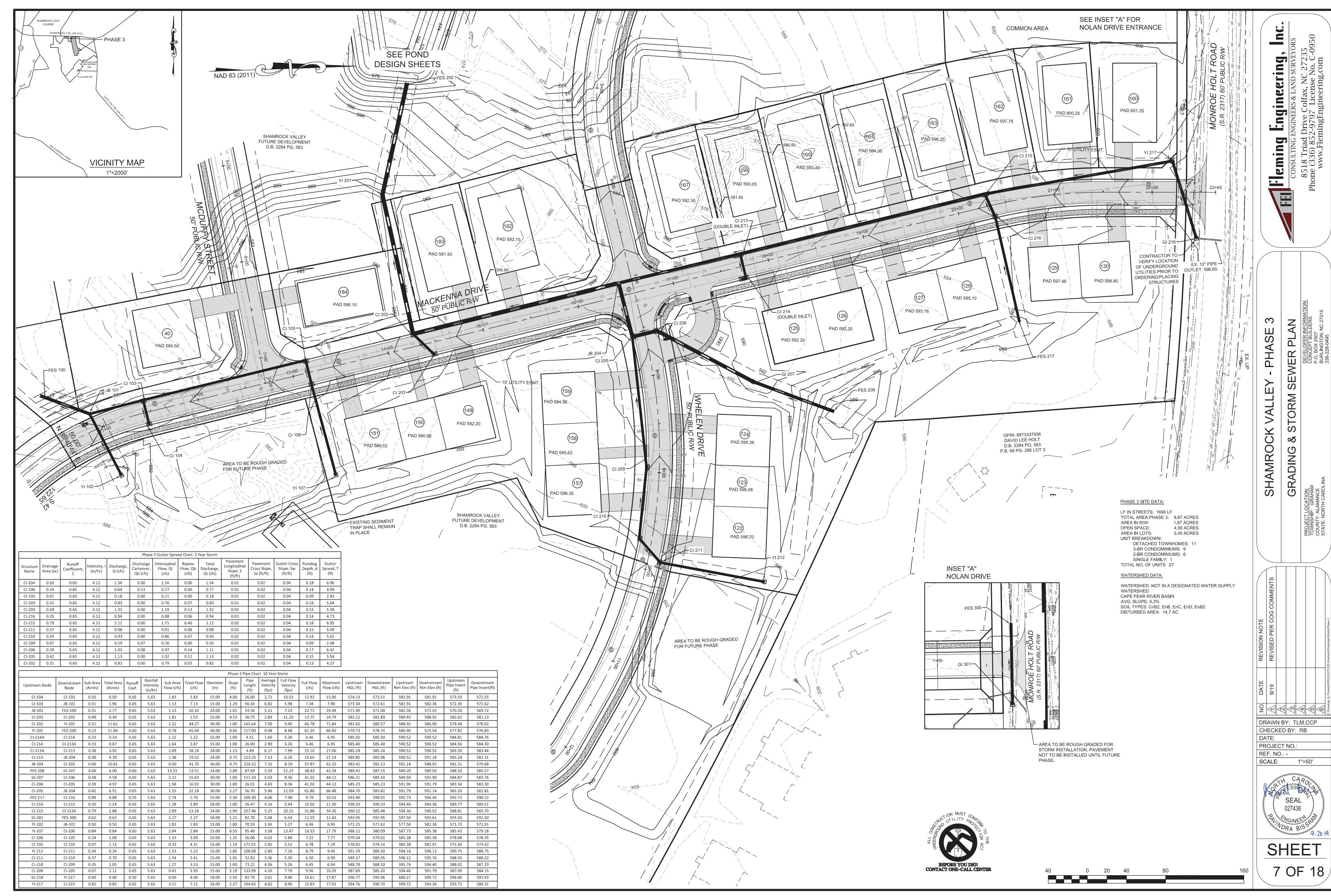
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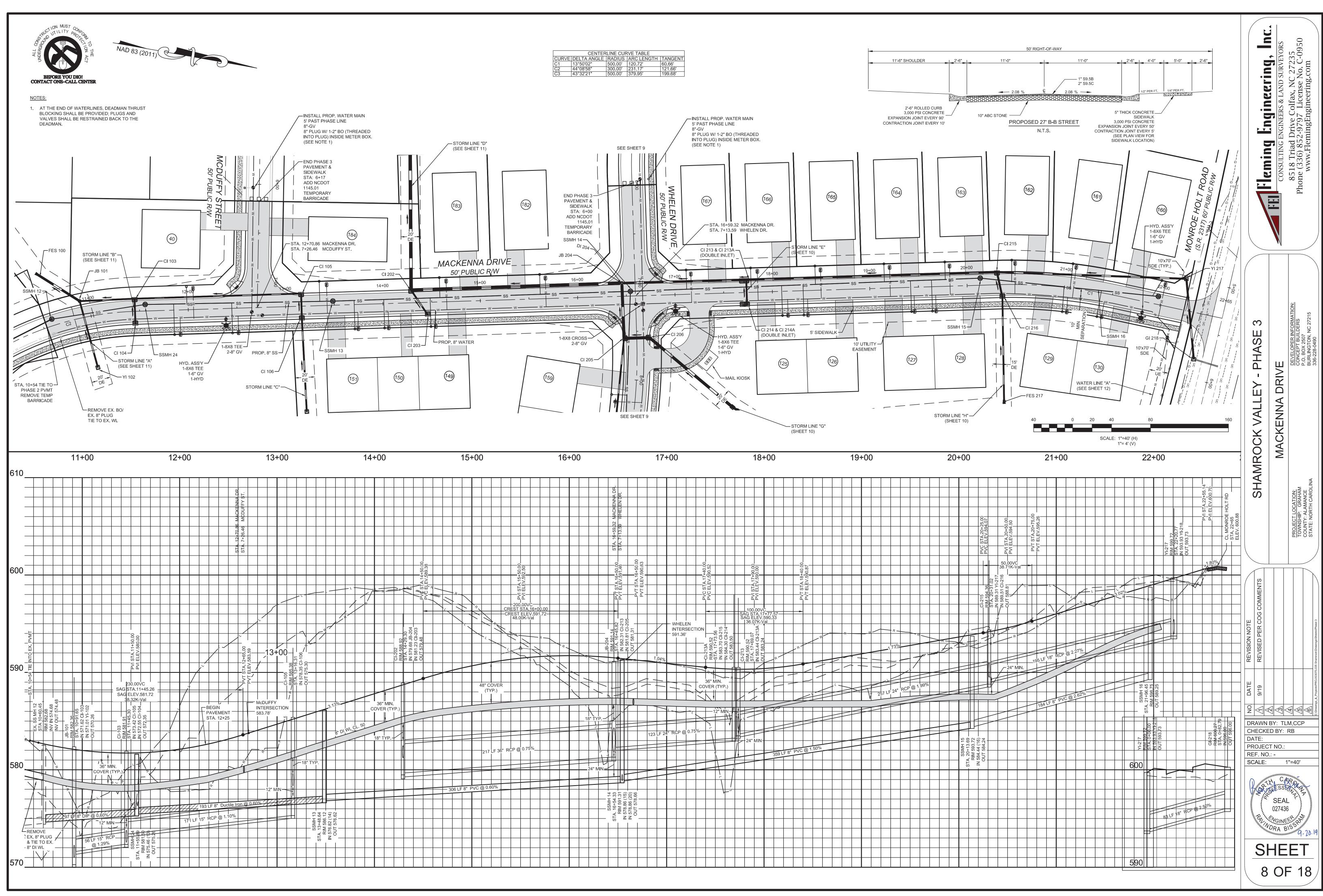
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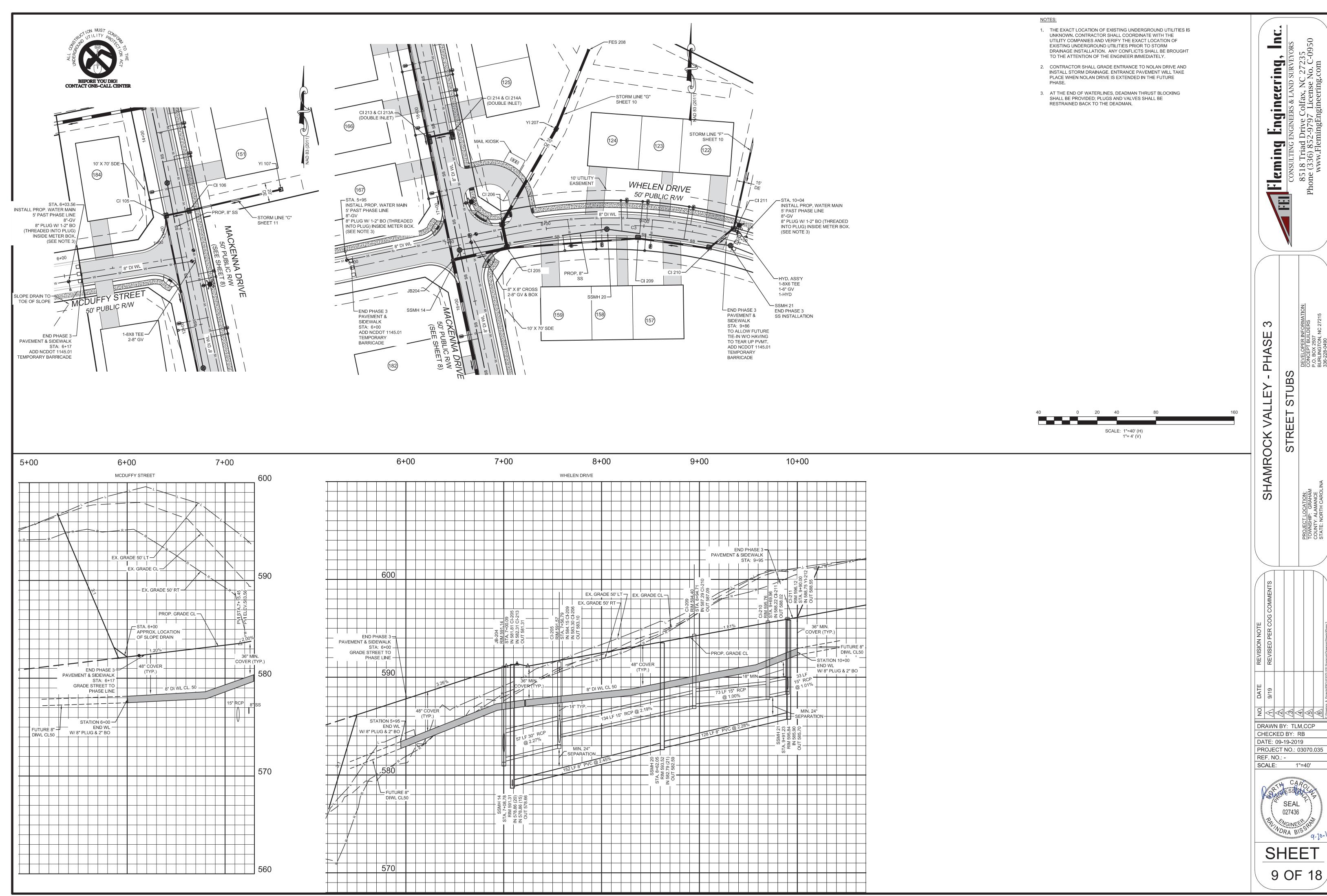


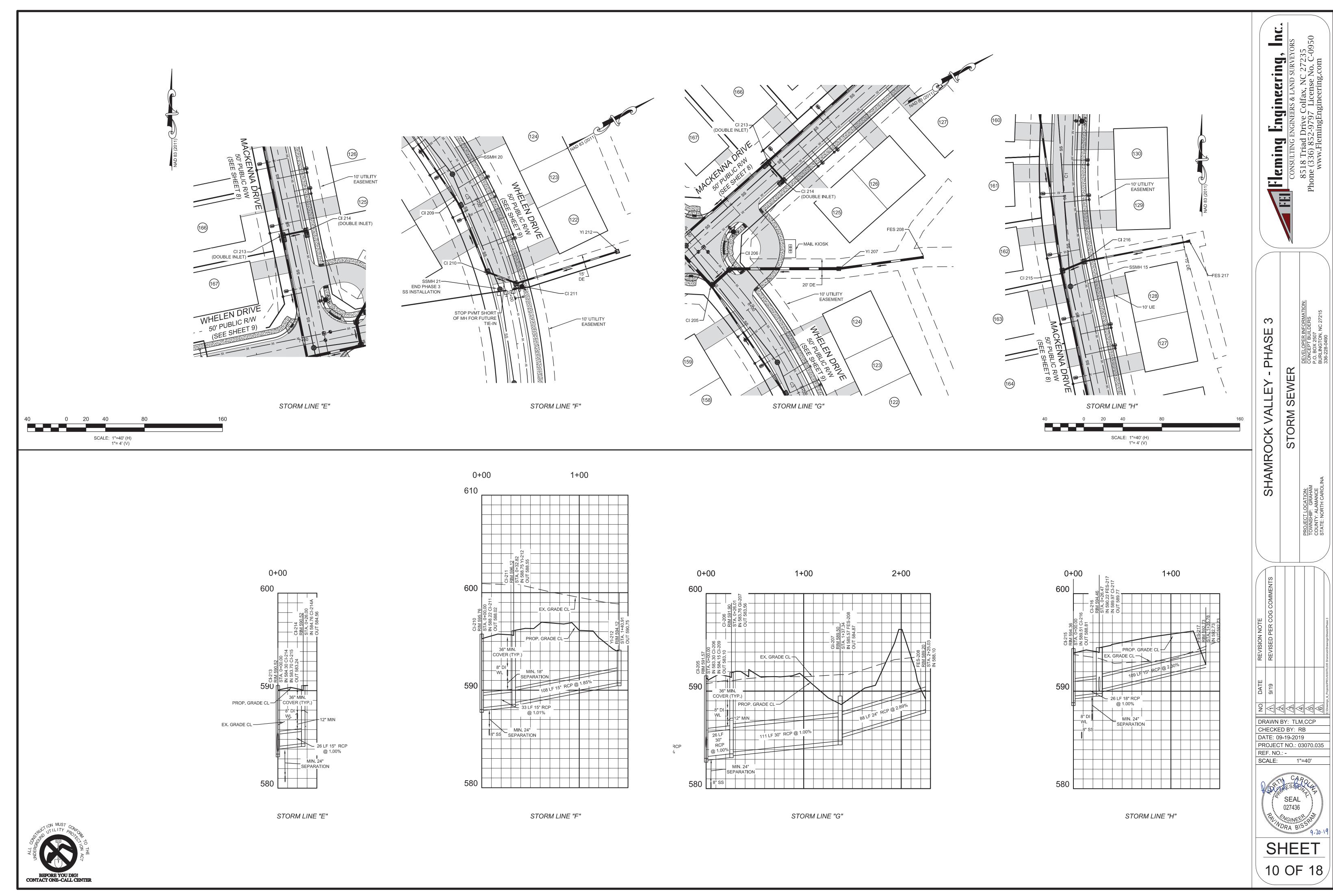


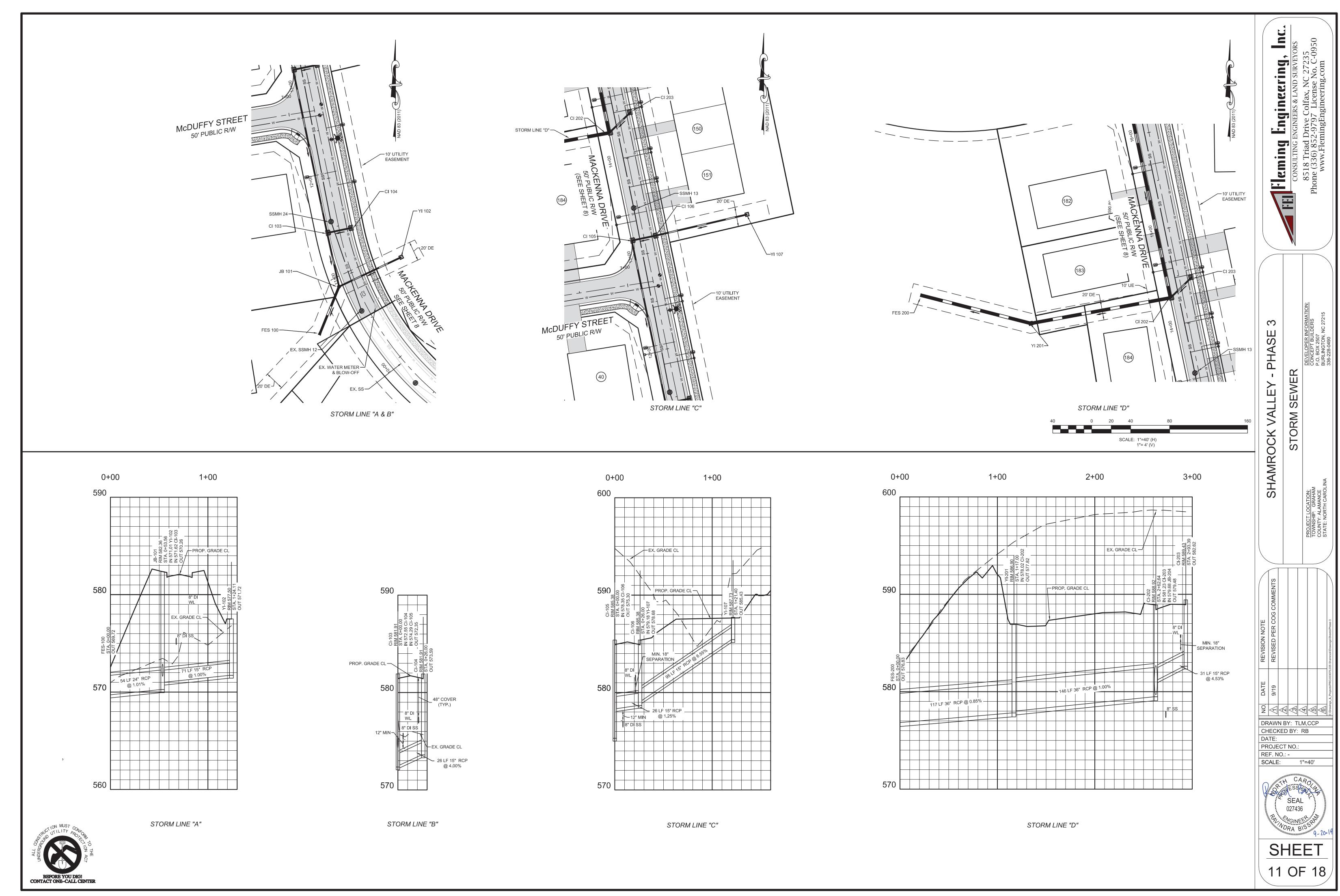


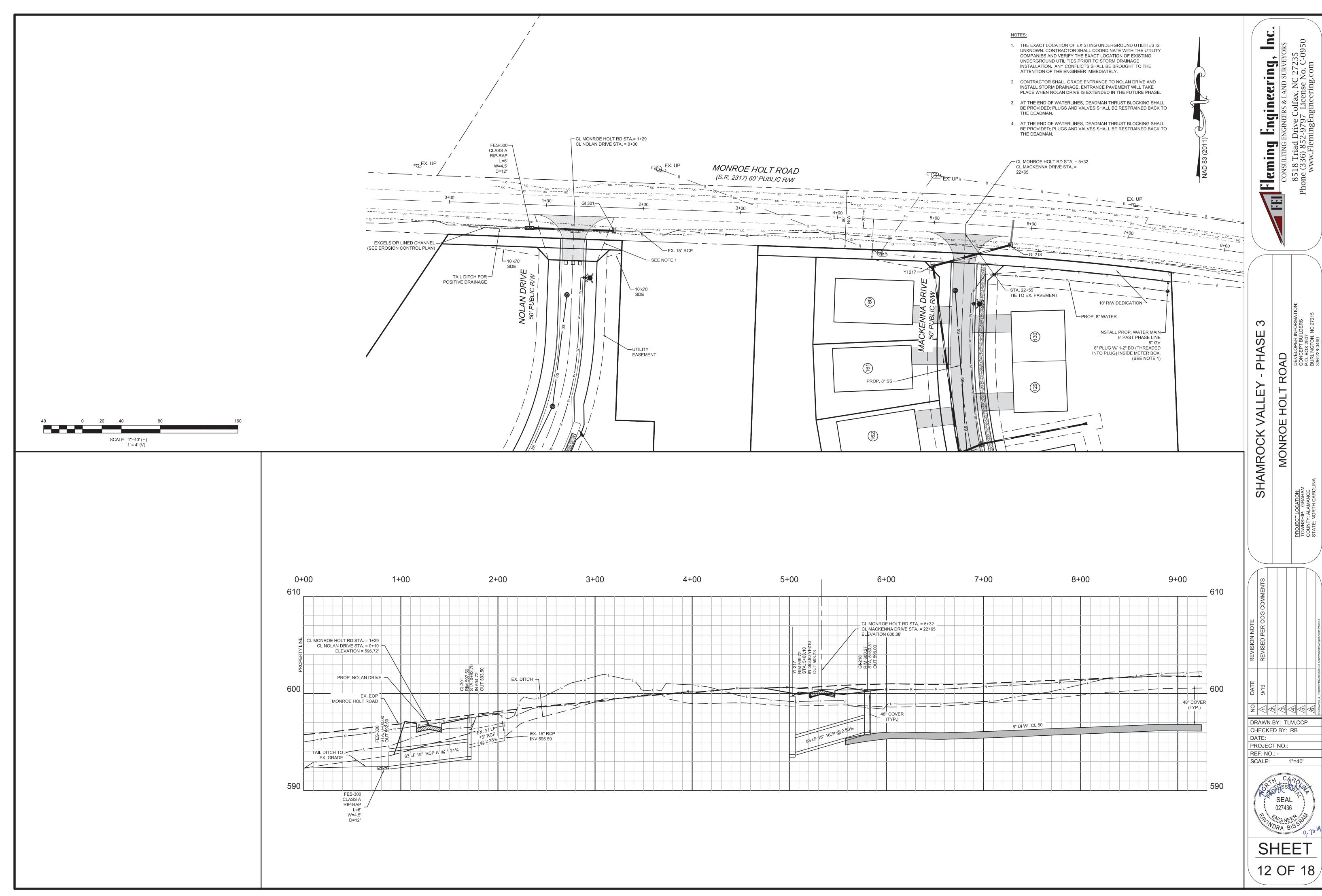


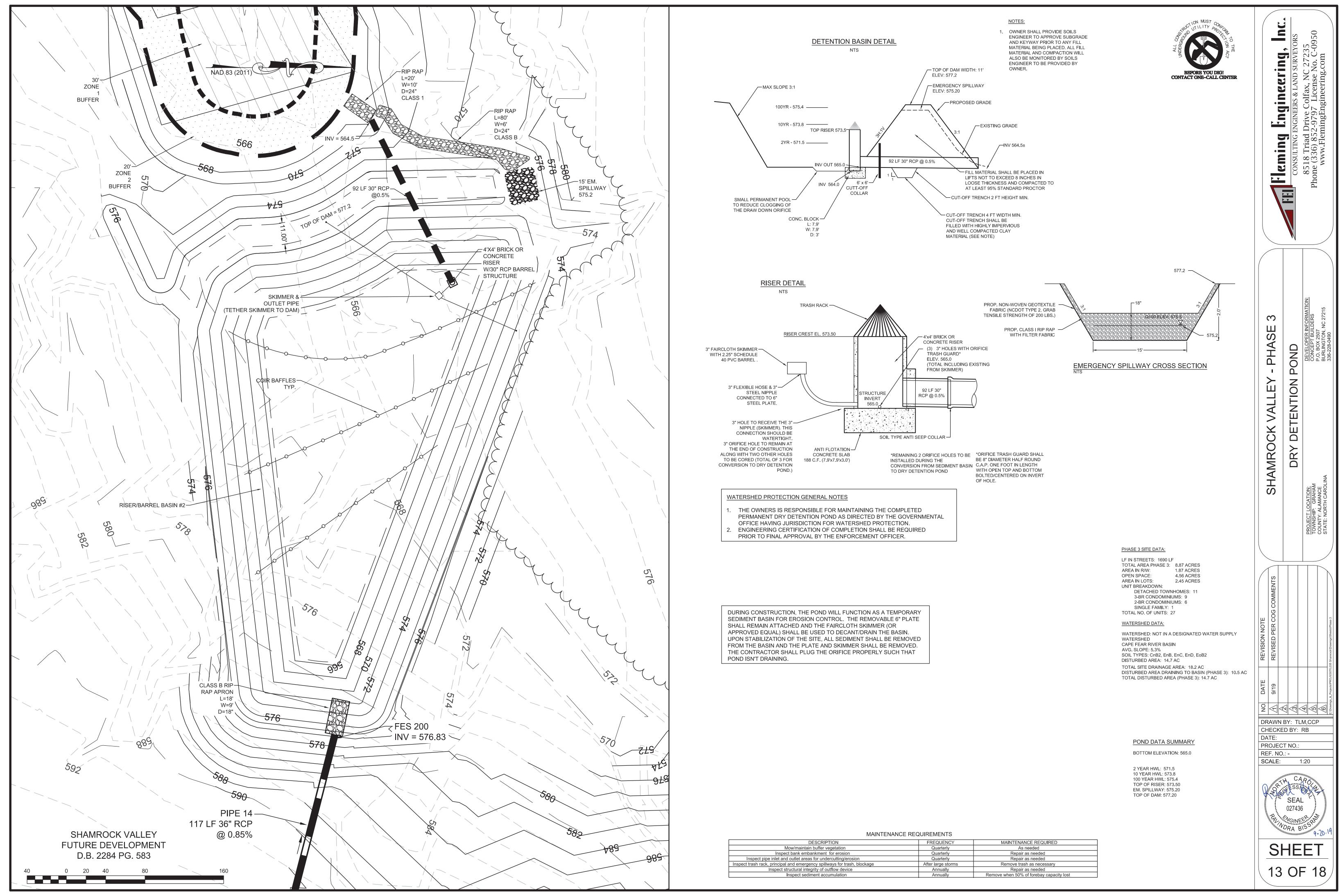


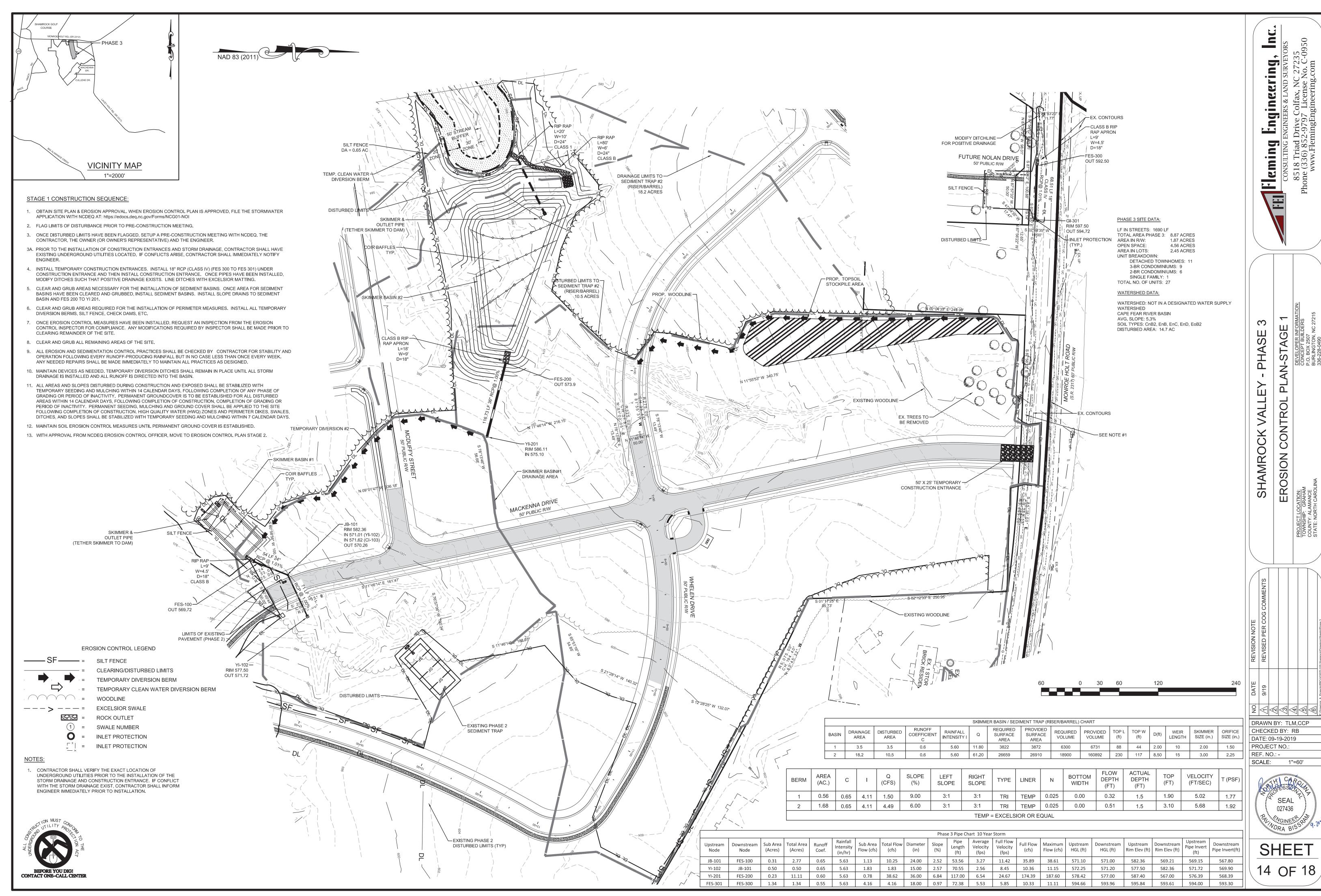


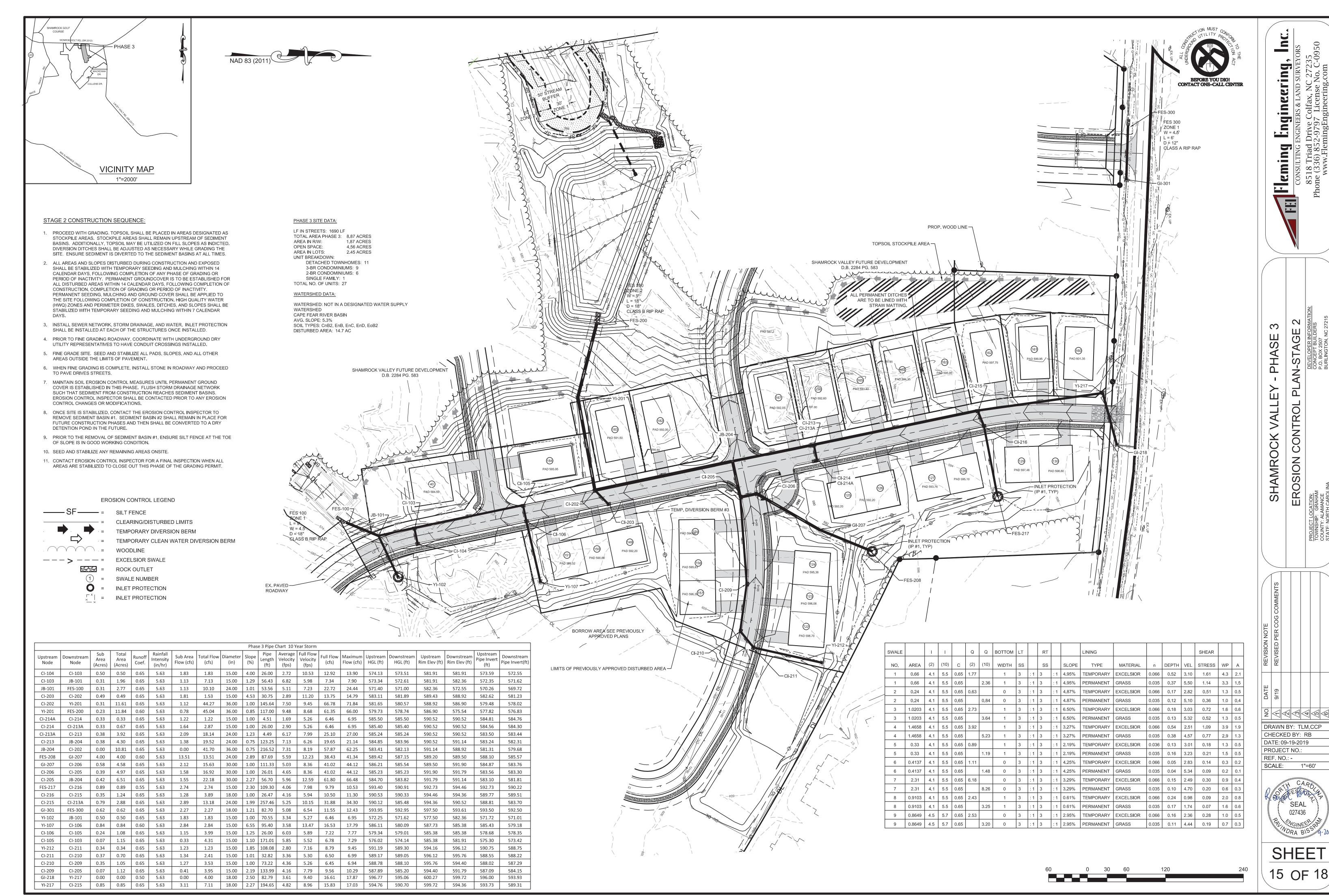


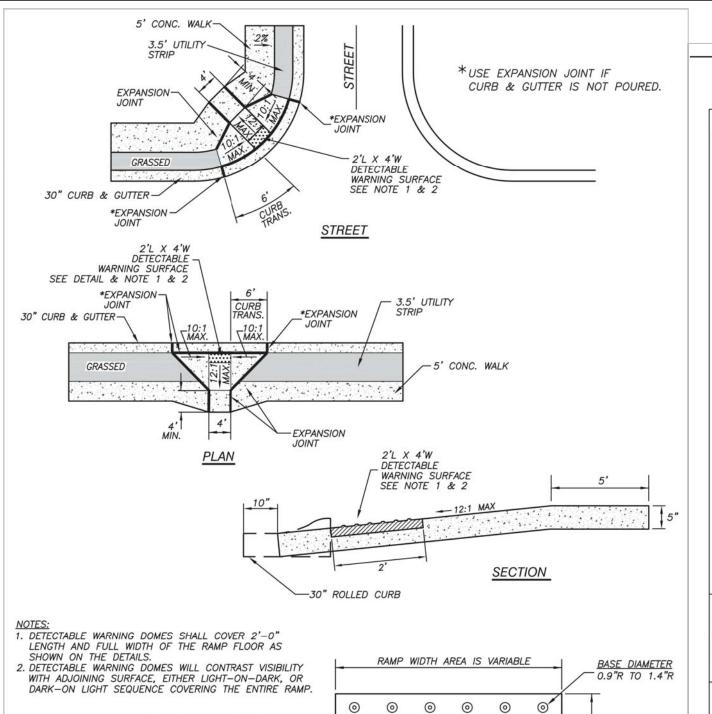












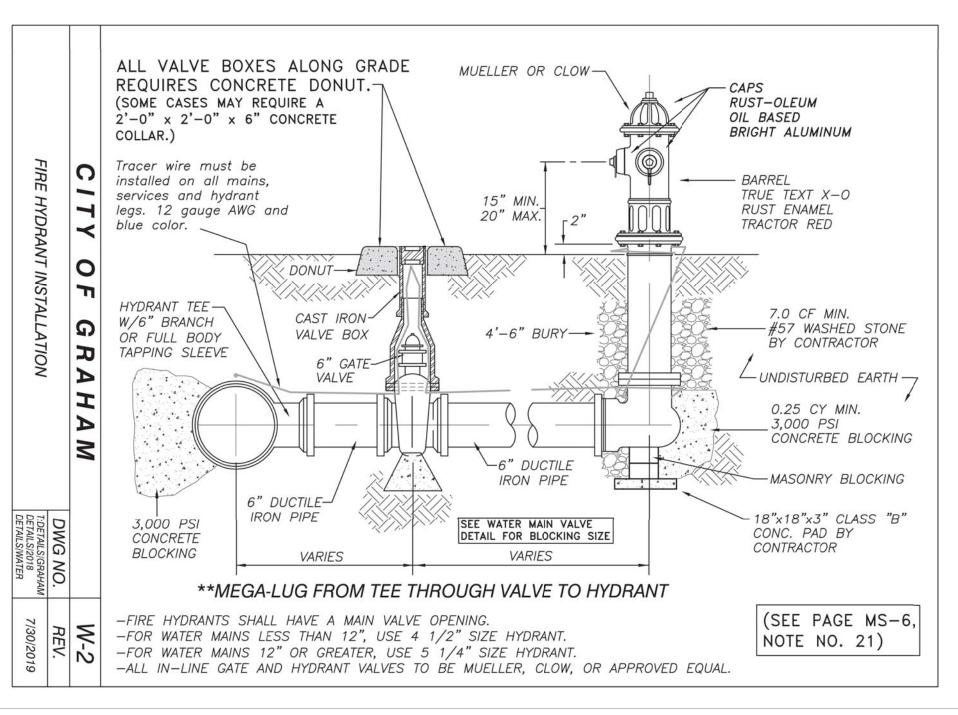
DETECTABLE WARNING DOMES DETAIL	THAN 50%	ER OF NO LESS TO NO MORE OF THE BASE
CITY OF GRAHAM		<i>ST-9</i>
	DWG NO.	REV.
CURB RAMP	T:DETAILS/GRAHAM DETAILS/2015 DETAILS/STREET	2/1/15

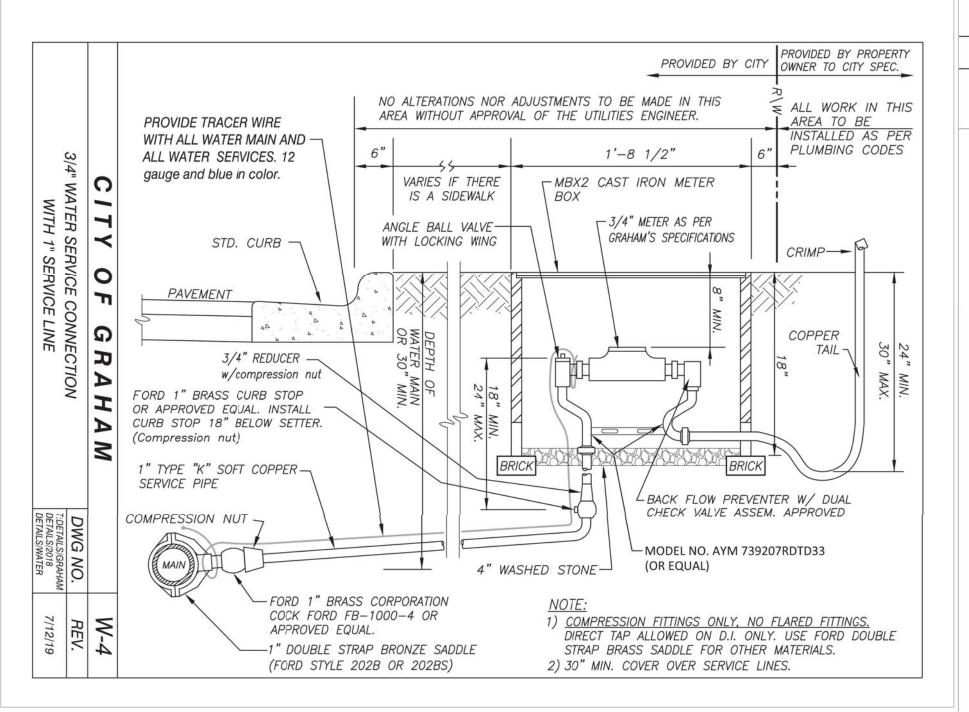
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NOTES:

- 1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE CITY OF GRAHAM OR LOCATE AS DIRECTED BY ENGINEER.
- 3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'X4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
- 4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF OF TRAVEL LANE IS 4' MINIMUM.
- 5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE CITY OF GRAHAM FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY ENGINEER.
- 6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
- 7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
- 8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
- 9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
- 10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
- 11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
- 12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'X4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'X5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
- 13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
- 14. SMALL CHANNELIZATION ISLANDS THAT CANNOT PROVIDE A 5'X5' LANDING AT THE TOP OF A RAMP WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
- 15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
- 16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB.
- 17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
- 18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CITY OF GRAHAM OR AS DIRECTED BY ENGINEER FOR A SPECIAL DESIGN.

CITY OF GRAHAM		ST-10
	DWG NO.	REV.
CURB RAMP NOTES	T:DETAILS/GRAHAM DETAILS/2015 DETAILS/STREET	2/1/15





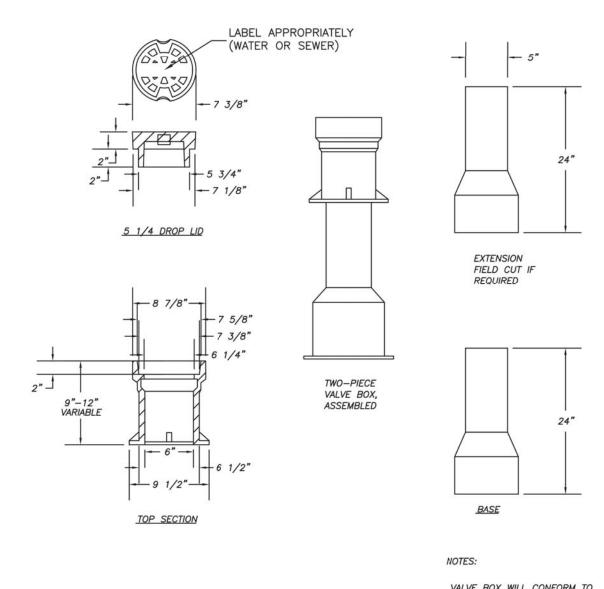
RELATION OF WATER MAINS TO SEWERS

(a) Lateral Separation of Sewer and Water Mains. Water Mains shall be laid at least 10 feet laterally from outside of pipe to outside of pipe, from existing or proposed sewer, unless local conditions or barriers prevent a 10 foot lateral separation in which case:

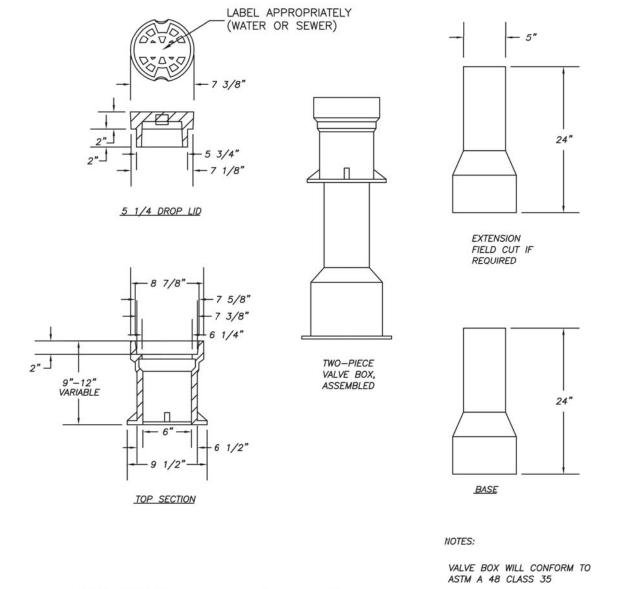
- 1. The water main is laid in a separate trench, with the elevation of the bottom of the water main at least 18 inches above the top of the sewer; or
- 2. The water main is laid in the same trench as the sewer with the water main located at one side of a bench of undisturbed earth, and with the elevation of the bottom of the water main at least 18 inches above the top of the sewer.

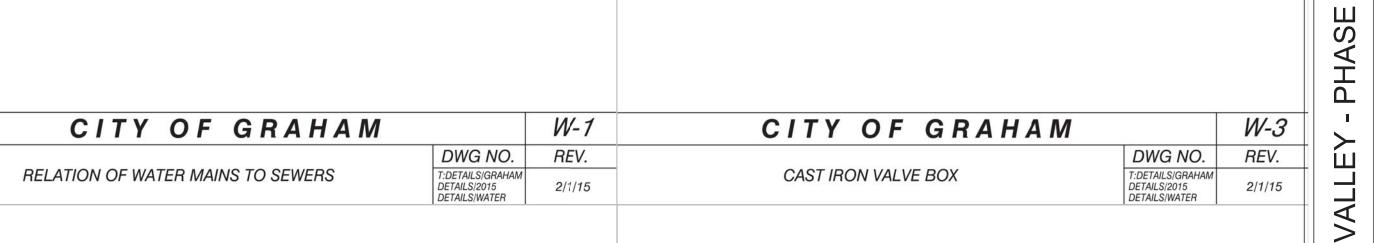
(b) Crossing a Water Main over a Sewer. Whenever it is necessary for a water main to cross over a sewer, the water main shall be laid at such an elevation that the bottom of the water main is at least 18 inches above the top of the sewer, unless local conditions or barriers prevent an 18 inch vertical separation — — in which case both the water main and sewer shall be constructed of ferrous materials and with joints that are equivalent to water main standards for a distance of 10 feet on each side of the point of crossing.

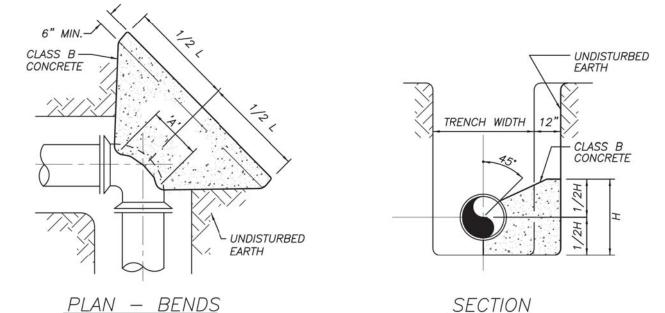
(c) Crossing a Water Main Under a Sewer. Whenever it is necessary for a water main to cross under a sewer, both the water main and the sewer shall be constructed of ferrous materials and with joints equivalent to water main standards for a distance of 10 feet on each side of the point of crossing. A section of water main pipe shall be centered at the point of crossing.



CAST IRON VALVE BOX ACCOMMODATES 4" THROUGH 12" VALVES 5 1/4-INCH SHAFTS, SLIP-TYPE







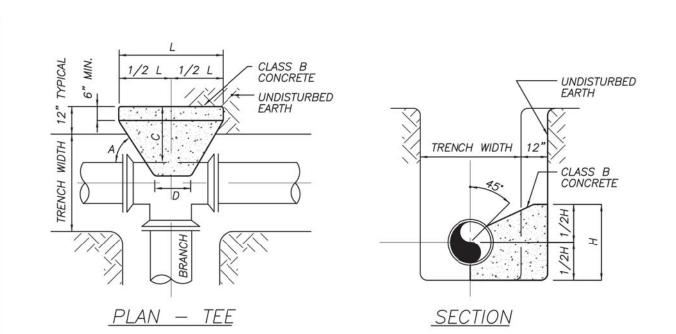
BUTTRESS DIMENSIONS						
PIPE	22 1/2	BENDS	45°	BENDS	90° E	BENDS
SIZE	L	Н	L	Н	L	Н
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"

NOTES:

AGAINST FIRM, UNDISTURBED EARTH.

- 1. DIMENSION 'A' SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE
- MECHANICAL JOINT BOLTS. 2. THE SHAPE OF THE BACK OF THE BUTTRESS MAY VARY PROVIDED THE CONCRETE IS
- 3. BUTTRESS DIMENSIONS ARE BASED UPON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 P.S.I.

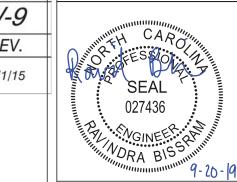
					e.
CITY OF GRAHAM		W-8	CITY OF GRAHAM		W-9
THRUST BLOCK - BENDS T:DETAILS/GRADETAILS/2015 DETAILS/WATE		REV.		DWG NO.	REV.
		2/1/15	THRUST BLOCK - TEES T:DETA DETA		2/1/15



	BUTTRES	S DIMENSI	ONS	
B. D.	L	Н	С	D
6"	1'-3"	1'-0"	OTE 1	VOTE
8"	1'-6"	1'-4"	≥ 0.	1 2
12"	2'-3"	2'-0"	SEE	SEE

NOTES:

- 1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE 'A' EQUAL TO OR GREATER THAN 45°.
- 2. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH EHT MECHANICAL
- 3. BUTTRESS DIMENSIONS ARE BASED UPON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 P.S.I.



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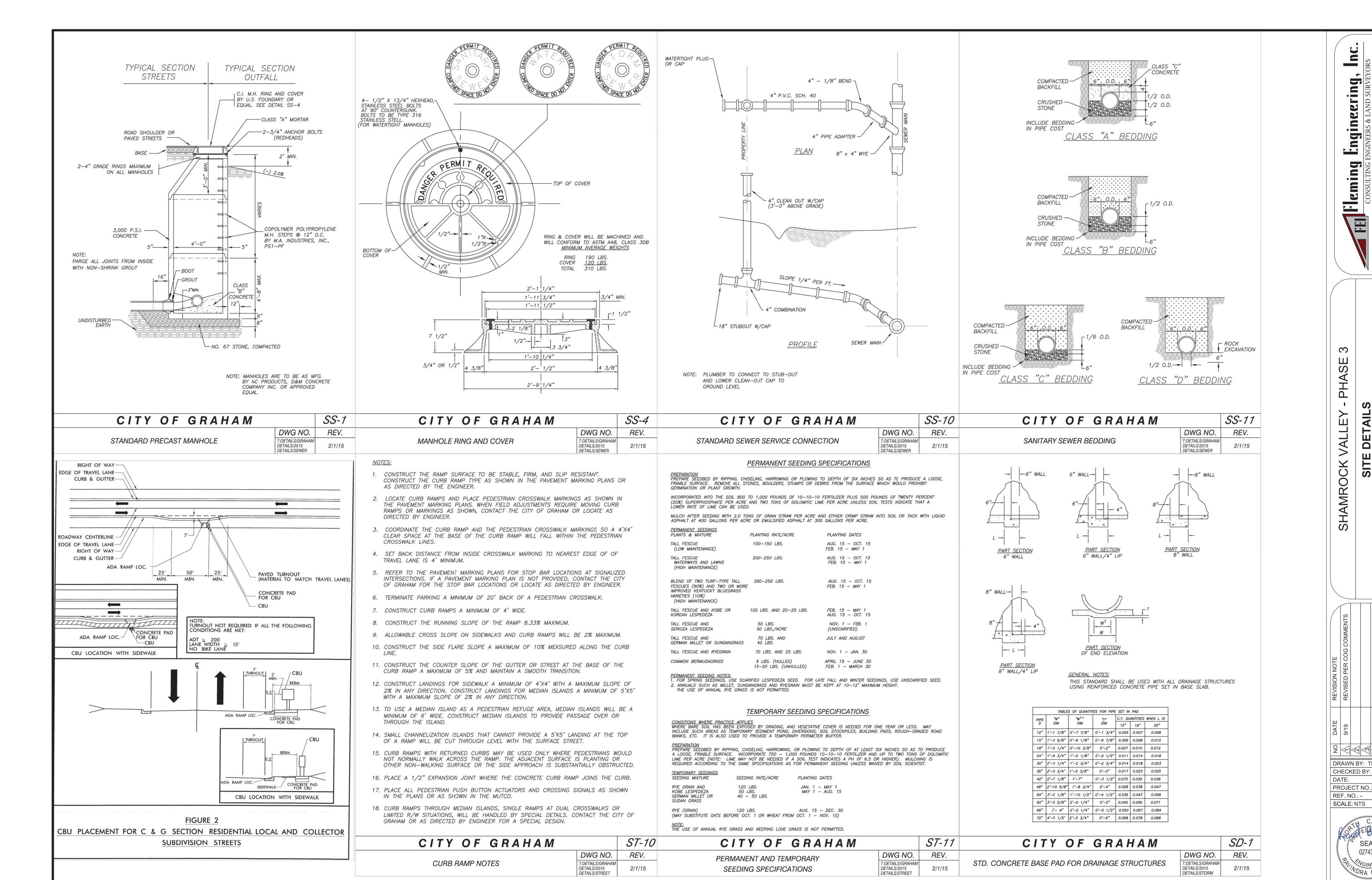
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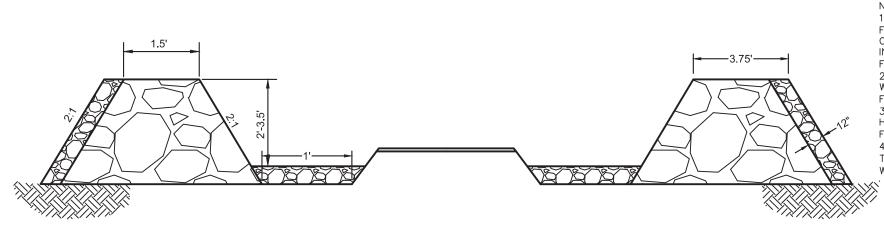
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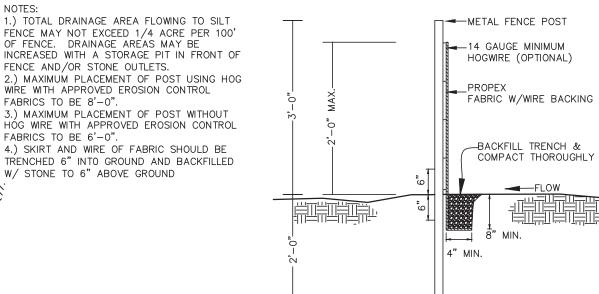
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POST: METAL T-POST 5'-0" OR 6'-0" IN HEIGHT DEPENDING ON FILL

STONE: #4 WASHED STONE TO BE PLACED 1'-0" DEEP AT SILT FENCE

SILT FENCE DETAIL

SKIMMER IS TO BE A

SURFACE DEWATERING

DEVICE SUCH AS BMP

SKIMMER OR APPROVED

SLOPE (MIN. 1.33 LB/LF STEEL CONSTRUCTION)

FABRIC: 3'-0" IN WIDTH (MUST MEET STANDARD SPECIFICATIONS

DEVICE.

FLEXIBLE JOINT (RADIATOR HOSE)

OUTLET END: CONNECTION

TO OUTLET PIPE OR RISER

1. La IS THE LENGTH OF THE

4. A FILTER BLANKET OR FILTER FABRIC MUST BE INSTALLED

BETWEEN THE RIP-RAP AND SOIL

CHECK DAM

CONSTRUCTION 1. PLACE STONE TO THE LINES AND DIMENSIONS SHOWN IN THE SPECIFICATIONS PLAN ON A FILTER FABRIC FOUNDATION.

5. INSTALL PAD ON 0% GRADE

RIP-RAP APRON.

FOUNDATION.

FOR SILT FENCE - ASTM D 6461).

GROUND STABILIZATION *						
SITE AREA DESCRIPTION	STABILIZATION TIME					
	FRAME	EXCEPTIONS				
PERIMETER DIKES, SWALES,	7 DAYS	NONE				
DITCHES, AND SLOPES						
HIGH QUALITY WATER (HQW)	7 DAYS	NONE				
ZONES						
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN				
		LENGTH AND ARE NOT STEEPER				
		THAN 2:1, 14 DAYS ARE ALLOWED				
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN				
		50 FEET IN LENGTH				
ALL OTHER AREAS WITH SLOPES	14 DAYS	NONE (EXCEPT FOR PERIMETERS				
FLATTER THAN 4:1		AND HQW ZONES)				
* EXTENSIONS OF TIME MAY BE	APPROVED BY THE P	ERMITTING AUTHORITY BASED ON				
WEATHER OR OTHER SITE-SPECI	FIC CONDITIONS THAT	T MAKE COMPLIANCE IMPRACTABLE				

ODOLIND CTADILIZATIONS

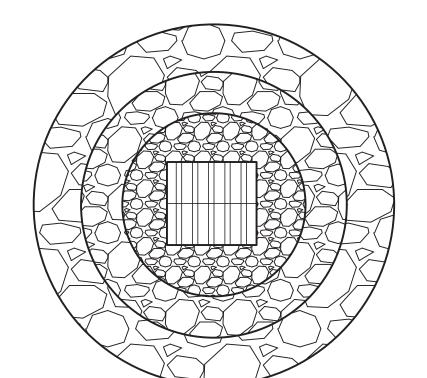
EROSION CONTROL NOTES

- 1. EROSION CONTROL MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN WELL ESTABLISHED.
- 2. ALL FRESHWATER BYPASS CHANNELS MUST HAVE MATTING AND ROCK CHECK DAMS INSTALLED DURING THE INITIAL MEASURE INSTALL.
- 3. NO FILL CAN BE PLACED BELOW THE PROPOSED DIVERSIONS. DIVERSIONS MUST BE PLACED BELOW ALL FILL WORK ALONG LIMITS AND BE OPERABLE THROUGHOUT CONSTRUCTION.
- 4. THE APPROVED EROSION CONTROL PLAN MAY BE AND WILL BE REVISED DURING CONSTRUCTION, WHEN IN THE OPINION OF THE INSPECTOR, ADDITIONAL MEASURES FOR THE PREVENTION OF SOIL LOSS ARE NECESSARY.
- 5. THE CONTRACTOR IS REQUIRED TO DOCUMENT A SELF-INSPECTION REPORT AFTER EACH PHASE OF THE PROJECT. THIS SELF-INSPECTION REPORT IS IN ADDITION TO THE NPDES SELF-MONITORING REPORT REQUIRED BY THE GENERAL GRADING PERMIT, AS DESCRIBED IN RESPONSIBILITY NOTE #4 BELOW.

— RISER STRUCTURE

6. ALL AREAS EXCLUDING IMPERVIOUS ARE TO BE SEEDED

SKIMMER (SIZE VAR.)



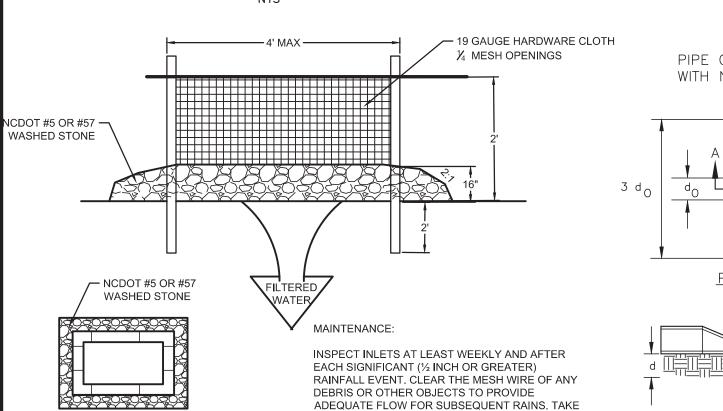
INSPECT ROCK DOUGHNUT INLET PROTECTION AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY.

TO PROVIDE SATISFACTORY INLET PROTECTION EFFICIENCY, REMOVE SEDIMENT FROM THE SEDIMENT POOL AREA WHEN THE VOLUME IS DECREASED BY HALF. THIS WILL HELP PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN. STABILIZE EXCAVATED MATERIAL APPROPRIATELY.

TAKE CARE NOT TO DAMAGE OR UNDERCUT THE STRUCTURE DURING SEDIMENT REMOVAL. REMOVE DEBRIS FROM THE INLET AND REPLACE STONE AS NEEDED. IF THE INLET WAS COVERED WITH WIRE MESH THE MESH SHOULD BE CLEANED

WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND DISPOSE OF SEDIMENT PROPERLY. BRING THE DISTURBED AREA TO THE GRADE OF THE DROP INLET. SMOOTH AND COMPACT IT AS NEEDED. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET WITH GROUND COVER.

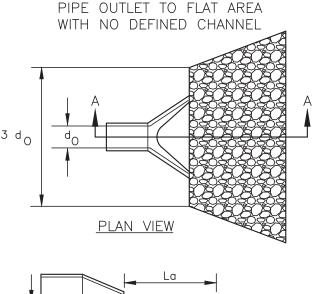
GRAVEL DONUT INLET PROTECTION (IP#1)

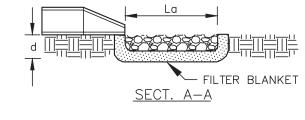


STONE AS NEEDED.

CARE NOT TO DAMAGE OR UNDERCUT THE

WIRE MESH DURING SEDIMENT REMOVAL. REPLACE





OUTLET STABILIZATION STRUCTURE

UNDISTURBED GROUND AND ARMORED 2. d = 1.5 TIMES THE MAXIMUM WITH IMPERMEABLE MEMBRANET STONE DIAMETER BUT NOT LESS SEDIMENT TRAP 3. IN A WELL DEFINED CHANNEL EX-TEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.

-DISSIPATER I RIP RAP - OUTLET P

SKIMMER DETAIL

EMERGENCY SPILLWAY TO BE

TRAPEZOIDAL WHILE CONSTRUCTED OVER

SCREEN ACCESSIBLE THROUGH DOOR

BARREL PIPE LONGER THAN

SHOWN. NOT INCLUDED WITH

SKIMMER SUPPLIED BY USER.

STEEL POSTS (QUANTITY VAR.) -STONE ENERGY PLASTIC SLOPE DRAIN PIPE (PRACTICE STANDARD 6.32) DISSIPATOR GEOTEXTILE LINING TEMPORARY OR PERMANENT DITCH COIR FIBER BAFFLES (PRACTICE STANDARD 6.65) STONE PAD -**PLAN VIEW** (below skimmer) TOP OF EMBANKMENT -RISER STRUCTURE --- EMERGENCY SPILLWAY TRASH RACK -SKIMMER → CLASS B STONE PAD SECTIONAL VIEW ANTIFLOTATION BLOCK STABILIZED TRENCH 2' DEEP 1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES. 2. INSTALL A MINIMUM OF 3 COIR FIBER BAFFLES IN ACCORDANCE WITH PRACTICE STANDARD 6.65. 3. INSTALL SKIMMER AND COUPLING TO RISER STRUCTURE OR DIRECTLY INTO EMBANKMENT 1 FT. FROM BOTTOM OF BASIN. NOT TO SCALE 4. THE ARM PIPE SHALL HAVE A MINIMUM LENGTH OF 6 FT. BETWEEN THE SKIMMER AND COUPLING.

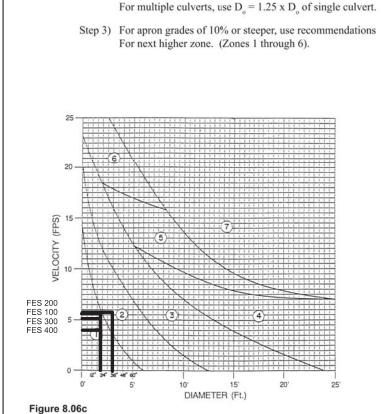
Figure 6.61d Sediment Basin (with Riser Barrel Pipe)

RIP RAP PAD DESIGN

HARDWARE CLOTH & GRAVEL INLET PROTECTION (IP #2)

NEW YORK DOT DISSIPATOR METHOD FOR USE IN DEFINED CHANNELS (Source: "Bank and channel lining procedures", New York Department of Transportation, Division of Design and Construction, 1971.) NOTE: To use the following chart you must know: Q full capacity (3) V full (4) V₁₀ where Q = discharge in cfs and V = Velocity in FPS. ESTIMATION OF STONE SIZE AND DIMENSIONS FOR CULVERT APRONS Step 1) Compute flow velocity V_o at culvert or paved channel outlet. Step 2) For pipe culverts D_o is diameter.

For pipe arch, arch and box culverts, and paved channel outlets, $D_o = A_o$ where A. = cross-sectional area of flow at outlet.



RIP RAP PAD DIMENSIONS

FES 100	FES 200	FES 300	FES 400
ZONE 1	ZONE 2	ZONE 1	ZONE 1
W = 4.5'	W = 9'	W = 4.5'	W = 4.5'
L = 6'	L = 18'	L = 6'	L = 6'
D = 12"	D = 18"	D = 12"	D = 12"
CLASS A RIP RAP	CLASS B RIP RAP	CLASS A RIP RAP	CLASS A RIP RAP

			LENGTH	OF APRON
ZONE	APRON MATERIA	L	TO PROTECT CULVERT L1	TO PREVENT SCOUR HOLE USE L2 ALWAYS L2
1	STONE FILLING (FINE)	CL. A	3 X D ₀	4 x D _o
2	STONE FILLING (LIGHT)	CL. B	3 X D ₀	6 x D _o
3	STONE FILLING (MEDIUM)	CL. 1	4 X D ₀	8 x D _o
4	STONE FILLING (HEAVY)	CL. 1	4 X D ₀	8 x D _o
5	STONE FILLING (HEAVY)	CL. 2	5 X D ₀	10 x D _o
6	STONE FILLING (HEAVY)	CL. 2	6 X D ₀	10 x D _o
7	SPECIAL STUDY REQUIRE BASIN OR LARGER SIZE S		GY DISSIPATORS, S	STILLING
Fiç	gure 8.06d			

DETERMINATION OF STONE SIZES FOR DUMPED STONE CHANNEL LININGS AND REVETMENTS

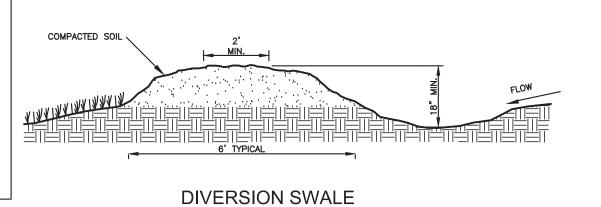
Step 1. Use figure 8.06.b.3 to determine maximum stone size (e.g. for 12 Fps = 20" or 550 lbs. Step 2. Use figure 8.06.b.4 to determine acceptable size range for stone (for 12 FPS it is 125-500 lbs. for 75% of stone, and the maximum and minimum range in weight should be 25-500 lbs.).

NOTE: In determining channel velocities for stone linings and revetment,

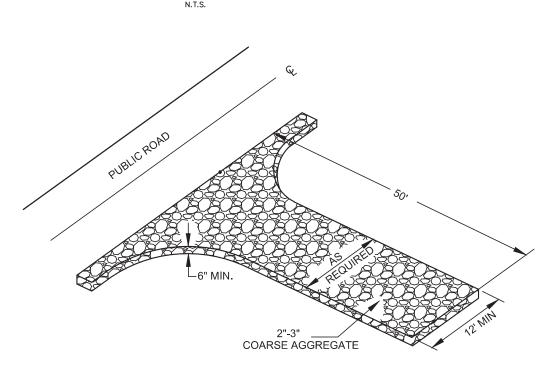
	Diameter	Manning's	Min. tl	nickness
	(inches)	"n"	of lining	(inches)
ne	3	0.031	9	12
ght	6	0.035	12	18
dium	13	0.040	18	24
avy	23	0.044	30	36
			(Channels)	(Dissapators)

D = 12" CLASS A R	IP RAP	 KEEP THE CENTER STONE SECTION AT LEAST 9 INCHES BELOW NATURAL GROUND LEVEL WHERE THE DAM ABUTS THE CHANNEL BANKS
02/100/111		3. EXTEND STONE AT LEAST 1.5 FT. BEYOND THE DITCH BANKS (FIGURE 6.83b) TO KEEP OVERFLOW WATER FROM UNDERCUTTING THE DAM AS IT RE-ENTERS THE CHANNEL.
		 SET SPACING BETWEEN DAMS TO ASSURE THAT THE ELEVATION AT THE TOP OB THE LOWER DAM IS THESAME AS THE TOE ELEVATION OF THE UPPER DAM.
		 PROTECT THE CHANNEL DOWNSTREAM FROM THE LOWEST CHECK DAM, CONSIDERING THAT WATER WILL FLOW OVER AND AROUND THE DAM (PRACTICE 6.41 OUTLET STABILIZATION STRUCTURE).
T SCOUR 2 ALWAYS		 MAKE SURE THAT THE CHANNEL REACH ABOVE THE MOST UPSTREAM DAM IS STABLE.
2		 ENSURE THAT CHANNEL APPURTENANCES, SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
D _o		
D _o	MAINTENANCE	INSPECT CHECK DAMS AND CHANNELS FOR DAMAGE AFTER EACH RUNOFF EVENT.
D _o		ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY. IF SIGNIFICANT EROSION OCCUR
D _o		BETWEEN DAMS, INSTALL A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL (PRACTICE 6.31 RIPRAP-LINED AND PAVE
D _o		
D _o		
	MAINTENANC	CE

INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.



STANDARD SEDIMENT BASIN WITH SKIMMER



CONSTRUCTION SPECIFICATIONS

- 1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND PROPERLY GRADE IT.
- 2. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT.
- 3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET. 4. USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR

HIGH WATER TABLE. **MAINTENANCE**

SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE **USED TO TRAP SEDIMENT** AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	
N.T.S.	

SEASON SPECIES RATE (LB/ACRE LATE WINTER - EARLY SPRING RYE GRAIN 120 ANNUAL LESPEDEZA (KOBE IN PIEDMONT & COASTAL PLAIN, KOREAN IN MOUNTAINS) SUMMER GERMAN MILLET 40 FALL RYE GRAIN 120			
ANNUAL LESPEDEZA (KOBE IN PIEDMONT & COASTAL PLAIN, KOREAN IN MOUNTAINS) SUMMER GERMAN MILLET 40	SEASON	SPECIES	
(KOBE IN PIEDMONT & COASTAL PLAIN, KOREAN IN MOUNTAINS) SUMMER GERMAN MILLET 40	LATE WINTER - EARLY SPRING	RYE GRAIN	120
		(KOBE IN PIEDMONT & COASTAL PLAIN, KOREAN IN	50
FALL RYE GRAIN 120	SUMMER	GERMAN MILLET	40
	FALL	RYE GRAIN	120

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE. SEEDING DATES MOUNTAINS--ABOVE 2500 FEET: FEB. 15 - MAY 15 BELOW 2500

FEET: FEB. 1- MAY 1PIEDMONT--JAN. 1 - MAY 1COASTAL PLAIN--DEC.

TEMPORARY SEEDING RECOMMENDATIONS

SOIL AMENDMENTS FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE

10-10-10 FERTILIZER. APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH

JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE (PIEDMONT AND

FEBRUARY OR EARLY MARCH.

COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE

ANCHORING TOOL. MAINTENANCE REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTENT TEMPORARY COVER BEYOND

TALL FESCUE (LOW MAINTENANCE)	100-150	SEPT. 1 - APRIL 15
TALL FESCUE WATERWAYS & LAWNS (HIGH MAINTENANCE)	200-250	SEPT. 1 - APRIL 16
BLEND OF TWO TURF TYPE TALL FESCUES (90%) AND TWO OR MORE IMPROVED KENTUCKY BLUEGRASS VARIEITES (10%) (HIGH MAINTENANCE)	200-250	SEPT. 1 - APRIL 17
TALL FESCUE AND KOBE OR KOREAN LESPEDEZA 1	100 AND 10	MAY 1 - SEPT 1
TALL FESCUE AND SERICEA LESPEDEZA 1	50 AND 15	SEPT 1 - APRIL 15
TALL FESCUE AND GERMAN MILLET OR SUDANGRASS 2	60 AND 30	SEPT 1 - APRIL 16
TALL FESCUE AND RYEGRAIN 2	70 AND 25	SEPT 1 - APRIL 17
COMMON BERMUDAGRASS	25	APRIL 15 - JUNE 30

PERMANENT SEEDINGS

PLANTS & MIXTURE

RATE

LBS/ACRE

PLANTING DATES

1. FOR SPRING SEEDINGS, USE SCARIFIED LESPEDEZA SEED. FOR LATE FALL AND WINTER SEEDINGS, USE UNSCARIFIED

2. ANNUALS SUCH AS MILLET, SUDANGRASS AND RYEGRAIN MUST BE KEPT AT 10"-12" MAXIMUM HEIGHT.

PREPARE SEEDBED BY RIPPING, CHISELING, HARROWING OR PLOWING TO DEPTH OF SIX INCHES SO AS TO PRODUCE A LOOSE, FRIABLE SURFACE. REMOVE ALL STONES, BOULDERS, STUMPS OR DEBRIS FROM THE SURFACE WHICH WOULD

PROHIBIT GERMINATION OR PLANT GROWTH.

INCORPORATE INTO THE SOIL 800 TO 1,000 POUNDS OF 10-10-10 FERTILIZER PLUS 500 POUNDS OF TWENTY PERCENT (20%) SUPERPHOSPHATE PER ACRE AND TWO TONS OF DOLOMITIC LIME PER ACRE UNLESS SOIL TESTS INDICATE THAT A LOWER RATE OF LIME BE USED.

MULCH AFTER SEEDING WITH 2.0 TONS OF GRAIN STRAW PER ACRE AND EITHER CRIMP STRAW INTO SOIL OR TACK WITH LIQUID ASPHALT AT 400 GALLONS PER ACRE OR EMULSIFIED ASPHALT AT 300 GALLONS PER ACRE.

18 OF 18

DRAWN BY: TLM,CCP

CHECKED BY: RB

PROJECT NO.:

REF. NO.: -

SCALE: NTS

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E Interstate Service Road (SUP2301)

Type of Request: Special Use Permit

Meeting Dates

Planning Board on May 16, 2023 City Council on June 13, 2023 City Council on July 11, 2023

Contact Information

Cone Commercial Real Estate 2964 Hardman Court NE, Atlanta, GA 30305 (404) 394-4522, ctyler@conecommercial.com

Summary

This is a request for a Special Use Permit for Trucking or Freight Terminal, Storage, Repair, Wash, or Stop for the property located at 0 E Interstate Service Rd. The site is currently vacant. The site is approximately 5.547 acres. The plan would permit up to 122 Trailer Parking Spots. The layout would be accessed off of E Interstate Service Rd. A landscaping buffer has been proposed along the extent of the property. A "type D" buffer is required abutting neighboring properties and "street yard" buffers are required along pieces abutting the street. Planning Board Recommended approval of the special use permit with a 3-2 vote with the condition a guard house was placed on the lot, opaque fencing be required around the full extent of the lot, and an electrical component be added to the fencing if permissible by code.



Location

O E Interstate Service Road GPIN: 8884402904

Current Zoning

Industrial (Light Industrial)

(I-1)

Proposed Zoning

Industrial (Light Industrial)

(I-1)

Overlay District

N/A

Surrounding Zoning

I-2 (Heavy Industrial)

Surrounding Land Uses

Office and Manufacturing

<u>Size</u>

5.547 acres

Public Water & Sewer

N/A

Floodplain

No

Staff Recommendation

Approval

Conformity to *The Graham 2035 Comprehensive Plan* (GCP) and Other Adopted Plans

Applicable Policies;

- 2.2.1: Focused Development In order to maintain Graham's affordability and promote infill development and focused, walkable, and mixed use built environments.
- 2.3.2: Innovative spaces, spaces of innovation Graham promotes the development of flex space, live-work units, and adaptive structures for office, retail, and light industry.

Applicable Strategies;

 2.4.3: Freight Corridors Encourage freight-oriented industrial development to locate where it can maximize access to major freight routes, including I-40/85 and state highways.

DRAFT Findings of Fact and Conclusions

In granting a special use permit, the City Council shall find that all of the six conditions listed below have been met, or it shall be denied. Staff has prepared the following DRAFT findings of fact for each of the six conditions. These findings should be modified by the Council as it considers its decision.

- 1. All applicable regulations of the zoning district in which the use is proposed are complied with.
 - The property is zoned I-1, a Trucking or Freight Terminal, Storage, Repair, Wash, or Stop is permitted only with a special use permit, or a rezoning to C-I.
- 2. Conditions specific to each use, identified by the Development Ordinance, are complied with.
 - A preliminary site plan showing the location, dimensions, and sites within the development has been supplied.
 - o There is a proposed shares ingress/egress with the adjoining property.
 - A traffic impact analysis/study has been provided to city and NCDOT staff. Neither department has any concerns.
- 3. The use will not materially endanger the public health or safety if located where proposed and developed according to the plan as submitted.
 - Permitting a truck storage facility on this site will not materially endanger the public health or safety.

Planning Type

Districts

Development Type

Mixed Use Commercial
These areas provide a mix or
retail, commercial, office,
multifamily residential and
institutional uses. Buildings are
multiple stories, with architectural
details, surface textures, and
should be built at a human scale.

Appropriate Form

2 – 5 story buildings

Desired Pattern

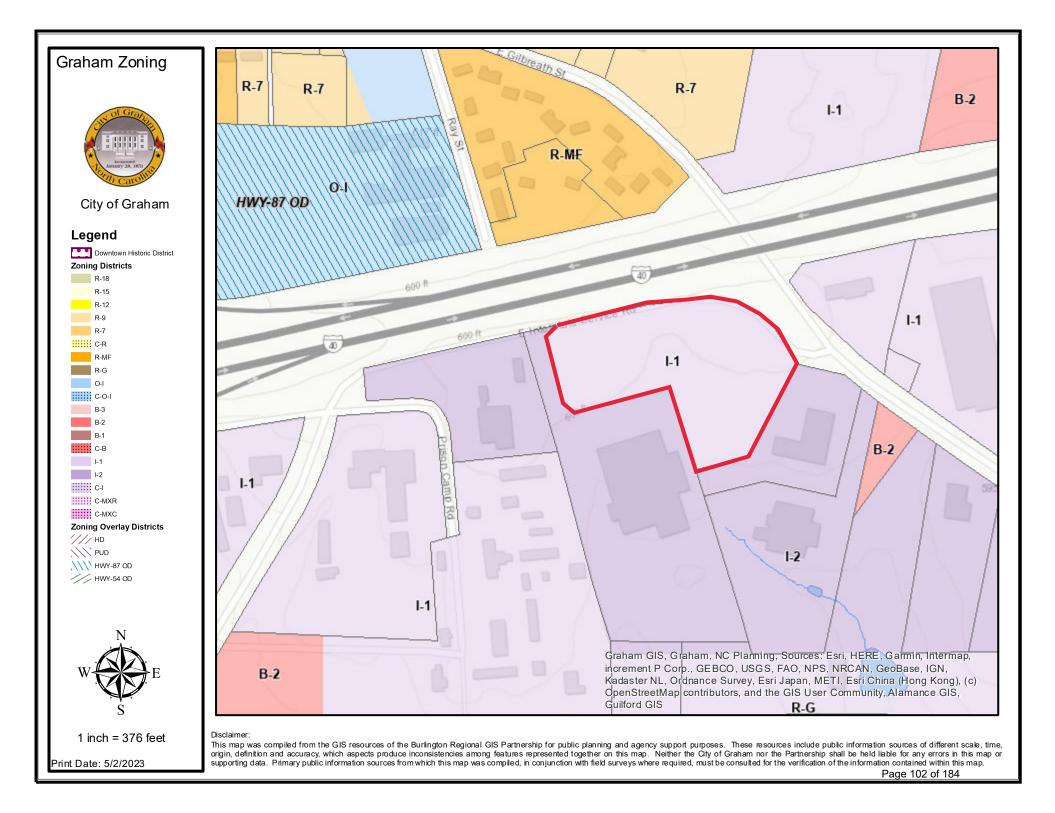
This land use area currently includes strip and other lowdensity commercial developments. These should be redeveloped over time into pedestrian oriented nodal centers of activity. New buildings should be located no further than 15 feet from the front lot line. Automobile parking should be located on the street or behind buildings. Bicycle racks should be located in front of all new buildings and street development should include 8-15-foot-wide sidewalks with street trees planted at 30-foot intervals.

- 4. The use will not substantially injure the value of adjoining property or that the use is a public necessity.
 - Permitting a truck storage facility on this site will not substantially injure the value of adjoining property.
- 5. The location and character of the use if developed according to the plan as submitted will be in harmony with the area in which it is to be located and in general conformity with the plan of development for the Graham planning area.
 - The plan is located in an industrial section of Graham, and is in general conformity with The Graham 2035 Comprehensive Plan.
- 6. Satisfactory provision has been made for the following, when applicable: vehicle circulation, parking and loading, service entrances and areas, screening, utilities, signs and lighting, and open space.
 - The sketch plan submitted indicates general compliance with these requirements. The Graham TRC will require conformance with the City of Graham Ordinances prior to the issuance of a Certificate of Occupancy.

Staff Recommendation

Based on *The Graham 2035 Comprehensive Plan* and the *City of Graham Development Ordinance*, staff **recommends approval** of the Special Use Permit. The following supports this recommendation:

- The development furthers goals of *The Graham 2035 Comprehensive Plan* and is in conformance with the Mixed Use Commercial development type.
- The development meets all six conditions required by Section 10.144 of the *Development Ordinance*.



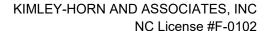


Application for SPECIAL USE PERMIT

P.O. Drawer 357 201 South Main Street Graham, NC 27253 (336) 570-6705 Fax (336) 570-6703 www.cityofgraham.com

Uses shown as "S" in the City of Graham Development Ordinance, Section 10.135 Table of Permitted Uses, require a Special Use Permit before the use will be permitted in the zoning district. Applicants are strongly encouraged to consult with the City Planner to understand the requirements for the proposed special use and the information that will be needed as part of this application.

Site	Proposed Special Use
Street Address: E, Interstate Serve 20. Tax Map#: 146703 GPIN: 3884402904 Current Zoning District(s): I - I Overlay District, if applicable: Historic S Main St/Hwy 87 E Harden St/Hwy 54 Current Use: Vacant Glass Fiblo Mods Property Owner: Marin Plopelties Acale, HC Mailing Address: Po Box 100 City, State, Zip: Haw Piver Nc 27258 Phone # Email: Applicant and Project Contact Name: Core Commercial Resultstate Mailing Address: 2964 Haroman CT. City, State, Zip: Atlanta Ga. 30305 Phone # 404 - 394 - 4522 Email: Ctyler@ Conecommercial Com I certify that all information furnished is true to the best of my knowledge. I have provided all information needed to demonstrate that all requirements of the proposed special use will be met.	Proposed Use (from Sec. 10.135 Table of Permitted Uses): Trucking or Freight Terminal Storage, Repair, wash or stop
Signature of Property Owner (if other than applicant) Use will be met. 4/24/23 Date 4/24/23 Date Control of Property Owner (if other than applicant)	Additional sheets of Descriptive Information Because applications for a Special Use Permit go through the public hearing process, applicants are encouraged to contact neighboring property owners prior to the public hearing. Other Requirements MICDOT Driveway Permit, if a new or relocated driveway is
Office Use Only. DEVID#	proposed on a NCDOT road, or for existing driveways if the use of the property is changing





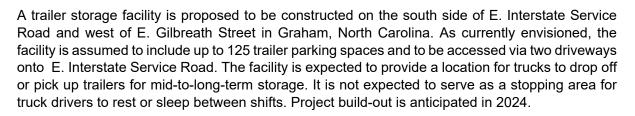
MEMORANDUM

To: Josh Johnson, P.E., City of Graham Cameron West, City of Graham

From: Earl Lewellyn, P.E., Kimley-Horn and Associates, Inc.

Date: March 28, 2023

Subject: Graham Truck Parking Facility – Traffic Impact Memo



Study Area

This analysis includes capacity analyses of the following intersection:

E. Interstate Service Road – Site Driveway

Existing and Background Volume Development

To obtain existing traffic volumes, turning movement counts were collected at the study intersection during the AM peak hour (7:00-9:00 AM) and PM peak hour (4:00-6:00 PM) in February 2023. Turning movement count data is attached to this memo. To obtain projected (2024) background traffic volumes, the existing traffic volumes were grown at a 2% annual rate to the 2024 build-out year to account for ambient growth.

Site Traffic Generation

Since the ITE Trip Generation Manual does not include a land use matching the proposed facility's description, daily traffic counts were performed at two similar facilities in North Carolina to assess the anticipated trip generation characteristics of the proposed project. The traffic count data from these facilities is attached to this memo. Using this data, a trip generation rate per trailer parking space was calculated for the daily, AM peak hour, and PM peak hour traffic conditions as shown in Table 1.





Trip Generation Ra	Table 1 tes (trips per parking s	space) – based on	Local Data
Condition	Rate (trips/space)	Percent In	Percent Out
Daily	1.09	50%	50%
AM Peak Hour	0.11	55%	45%
PM Peak Hour	0.13	23%	77%

These rates were applied to the proposed facility to determine its trip generation potential, which is shown in Table 2 below.

Troffi	o Concretion	Table	-		al Data		
Traffic Generation (vehicles) – based on Local Data							
Londilloo	Intonoity	Da	aily	AM Peak Hour PM Peak			ak Hour
Land Use	Intensity	In	Out	In	Out	In	Out
Trailer Parking Facility	125 spaces	68	68	8	6	4	12

Site Traffic Distribution

The proposed generated trips were assigned to the roadway network based on a review of surrounding land uses and existing traffic patterns:

- 55% to/from the east on E. Interstate Service Road
- 45% to/from the west on E. Interstate Service Road

Build-out Traffic Volumes

To obtain the projected (2024) build-out traffic volumes, the projected site traffic was added to the projected (2024) background traffic. Traffic volume development calculations are shown on the intersection data sheet attached to this memo.

Capacity Analysis

Synchro intersection level-of-service (LOS) reports are attached. The levels-of-service at the study intersection are summarized in <u>Table 3</u> below.

Table 3 Level-of-Service Summary							
Condition	Condition AM Peak Hour LOS (Delay) LOS (Delay)						
E Interstate Service Road – Site Driveway (Unsignalized)							
Existing (2023) Traffic	NB – A (8.9)	NB – A (8.9)					
Build-out (2024) Traffic	NB – B (10.0)	NB – B (10.2)					

As shown in Table 3, the study intersection is expected to operate at acceptable LOS under projected build-out traffic demands. SimTraffic simulations indicate that no queuing issues are



expected at the study intersection. To the degree practical given current ROW and geometric constraints, proposed site driveways and the E. Interstate Service Road – E. Gilbreath Street intersection should be designed/modified to accommodate anticipated design vehicle turning movements. No additional roadway improvements are recommended as part of the proposed development.

Should you have any questions or comments, please do not hesitate to contact me at (919) 653-5874 or earl.lewellyn@kimley-horn.com.

Attachments: Turning Movement Count Data, Trip Generation Calculations, Intersection Data Sheet, Synchro Output

Summary of Turning Movement Counts - from Traffic Count on iOS Study: Graham Truck Parking AM Count

Time: AM Peak Hour

Tuesday February 28, 2023 Alex Gerondelis Date:

Observer: Location: Graham, NC Weather: Sunny

7.00 AM 0 0 0 0 0 0 0 0 0 0 5 0 0 8 0 13 7.30 AM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
Start Time								E. Inter		Southbound		I			Cars
7.00 AM 0 0 0 0 0 0 0 0 0 0 5 0 0 8 0 13 7.30 AM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal All Hourly Total	Total All						Left			Left			Left	Start Time
7:39 AM	-		-	8		-		0	-			-	0	0	
Page	13	13	0	7	0	0	6	0	0	0	0	0	0	0	7:15 AM
Scide Scid															
R:15 AM															
Bicycles															
Bicycles															
P:00 AM															
Bicycles															
Bicycles															
Northbound Southbound Eastbound Westbound Northbound Southbound Start Time Left Thru Right Left Thru Right															
Start Time								E. Inter		Southhound		1			Bicycles
7:00 AM	tal All Hourly Total	Total All						Left			Left			Left	Start Time
7:15 AM	-		-			-						-			
7:30 AM															
7:45 AM															
Start Time Left Thru Right Left Thru Right Left Thru Right Left Thru Right			0	0	0	0	0	0	0	0	0	0	0	0	7:45 AM
B:30 AM															
B:45 AM															
P:00 AM															
Light Trucks															
Light Trucks															
Start Time								E. Inter		Courth house d		ı	,		Light Trucks
7:00 AM	tal All Hourly Total	Total All						Loft			Loft			Loft	Start Time
7:15 AM 0 </td <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td>	-											-			
7:30 AM 0 </td <td></td>															
8:00 AM															
8:15 AM 0 0 0 0 0 0 0 0 1 0 1 8:30 AM 0 0 0 0 0 0 0 0 0 1 0 1 8:45 AM 0 0 0 0 0 0 0 0 0 3 0 3 0 3 9:00 AM 0 <td>2 3</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>7:45 AM</td>	2 3	2	0	1	0	0	1	0	0	0	0	0	0	0	7:45 AM
B:30 AM														0	8:00 AM
Read															
P:00 AM															
Heavy Trucks															
Heavy Trucks															
Northbound Southbound Eastbound Westbound Start Time Left Thru Right Right Left Thru Right Right Left Thru Right Right	,	,	Ū	J	U	Ū	3	Ü	Ū	v	Ū	J	Ü	Ū	10141
Start Time Left Thru Right Left Thru Right Left Thru Right Left Thru Right Total All 1 7:00 AM 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Southbound</td> <td></td> <td>I</td> <td>-</td> <td></td> <td>Heavy Trucks</td>										Southbound		I	-		Heavy Trucks
7:00 AM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal All Hourly Total	Total All									Left			Left	Start Time
7:15 AM 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•		-			-			-			-			
7.20 MM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7:30 AM
7:45 AM 0 0 0 0 0 0 0 0 0 0 2 0 2		_													
8:00 AM 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2			0		0	0								
	2 2 0 2	0													
	2 2 0 2 0 2	0 0	0	0	0	0	0	0							
	2 2 0 2 0 2 1 3	0 0 1	0 0	<mark>0</mark> 1	0 0	0 0	0	0	0	0	0	0	0	0	8:30 AM
9:00 AM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Total 0 0 0 0 0 0 0 0 0 4 0 4	2 2 0 2 0 2 1 3 1 2	0 0 1 1	0 0 0	0 1 1	0 0 0	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	

Summary of Turning Movement Counts - from Traffic Count on iOS Study: Graham Truck Parking PM Count

PM Peak Hour Time:

Date: Tuesday February 28, 2023

Observer: Alex Gerondelis Location: Graham, NC Weather: Sunny

Weather:	Sunny													
0		Data					F 1-4-		DI	F 1-4-		DI		
Cars		Driveway Northboun	d	Southbound			E. Interstate Service Road Eastbound			E. Interstate Service Road Westbound				
Start Time	Left	Thru	u Right	Left	Thru	ı Right	Left	Thru	Right	Left	Thru	ı Right	Total All	Hourly Total
4:00 PM	0	0	0	0	0	0	0	10	0	0	12	0	22	riourly rotal
4:15 PM	0	0	0	0	0	0	0	20	0	0	13	0	33	
4:30 PM	0	0	0	0	0	0	0	15	0	0	5	0	20	
4:45 PM	0	0	0	0	0	0	0	11	0	0	11	0	22	97
5:00 PM	0	0	0	0	0	0	0	19	0	0	11	0	30	105
5:15 PM	0	0	0	0	0	0	0	10	0	0	8	0	18	90
5:30 PM	0	0	0	0	0	0	0	9	0	0	13	0	22	92
5:45 PM	0	0	0	0	0	0	0	16	0	0	6	0	22	92
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	,_
Total	0	0	0	0	0	0	0	110	0	0	79	0	189	
10141	ŭ	ŭ	· ·	Ū	ŭ	Ü	ŭ		ŭ	ŭ	.,	Ü	,	
Bicycles		Driveway					E. Interstate Service Road			E. Interstate Service Road				
Dicycles		Northbound			Southbound			Eastbound			Westbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total All	Hourly Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	riourly rotal
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	
Light Trucks		Driveway Northboun		Southbound			E. Interstate Service Road Eastbound			E. Interstate Service Road Westbound				
Start Time 4:00 PM	Left 0	Thru 0	Right 0	Left 0	Thru 0	Right 0	Left 0	Thru 0	Right 0	Left 0	Thru 0	Right 0	Total All 0	Hourly Total
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	
4:45 PM	0	0	0	0	0	0	0	2	0	0	1	0	3	4
5:00 PM	0	0	0	0	0	0	0	2	0	0	1	0	3	7
5:15 PM	0	0	0	0	0	0	0	1	0	0	3	0	4	11
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	11
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	8
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	0	0	0	0	0	0	0	5	0	0	7	0	12	
Heavy Trucks	5	Driveway Northboun		Southbound			E. Interstate Service Road Eastbound			E. Interstate Service Road Westbound				
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Total All	Hourly Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	1	0	0	2	0	3	3
5:00 PM	0	0	0	0	0	0	0	2	0	0	0	0	2	5
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	3	0	0	2	0	5	

	Graha	m Truck Pa	rking							
	Table 1 - Trip	Generation	(Local D	ata)						
Land Use	Intensity		Daily		Al	M Peak Ho	ur	PI	/I Peak Ho	ur
Land 056	intensity	Total	In	Out	Total	In	Out	Total	In	Out
Trailer Park Facility	125 space	136	68	68	14	8	6	16	4	12

K:\DUR_LDEV\Graham Truck Parking\T4 - Analysis\[Graham Truck Parking - TIA Data Sheet.xls]Trip Gen

3/2/23

		50	035 Old Wa	ılkertown F	Road				
				f the Gener					
		Daily			M Peak Ho	ur	Р	M Peak Ho	ur
	Total	In	Out	Total	In	Out	Total	In	Out
			All V	ehicles					
Trips	229	117	112	24	13	11	27	6	21
Approx. Parking Spaces	210	210	210	210	210	210	210	210	210
Trip Rate per Parking Space	1.09	0.56	0.53	0.11	0.06	0.05	0.13	0.03	0.10
			Heavy	Vehicles					
Trips	57	27	30	10	2	8	6	3	3
Approx. Parking Spaces	210	210	210	210	210	210	210	210	210
Trip Rate per Parking Space	0.27	0.13	0.14	0.05	0.01	0.04	0.03	0.01	0.01
			Non-Hea	vy Vehicles	S				
Trips	172	90	82	14	11	3	21	3	18
Approx. Parking Spaces	210	210	210	210	210	210	210	210	210
Trip Rate per Parking Space	0.82	0.43	0.39	0.07	0.05	0.01	0.10	0.01	0.09

			4710 Ches	apeake Dri	ve				
		Pe	eak Hour o						
		Daily		Al	M Peak Ho	ur	Р	M Peak Ho	ur
	Total	In	Out	Total	In	Out	Total	ln	Out
			All V	'ehicles					
Trips	54	27	27	5	3	2	1	0	1
Approx. Parking Spaces	145	145	145	145	145	145	145	145	145
Trip Rate per Parking Space	0.37	0.19	0.19	0.03	0.02	0.01	0.01	0.00	0.01
			•				•	•	
			Heavy	Vehicles					
Trips	29	15	14	5	3	2	0	0	0
Approx. Parking Spaces	145	145	145	145	145	145	145	145	145
Trip Rate per Parking Space	0.20	0.10	0.10	0.03	0.02	0.01	0.00	0.00	0.00
							•	•	
			Non-Hea	vy Vehicles	5				
Trips	25	12	13	0	0	0	1	0	1
Approx. Parking Spaces	145	145	145	145	145	145	145	145	145
Trip Rate per Parking Space	0.17	0.08	0.09	0.00	0.00	0.00	0.01	0.00	0.01

INTERSECTION ANALYSIS SHEET

			AM In	AM Out	PM In	PM Out
Project:	Graham Truck Parking	Net New Trips:	8	6	4	12
Location:	Graham, NC	Pass-By Trips:	0	0	0	0
Ct. Date	February 28, 2023	_				
N/S Street:	Site Driveway	Annual Growth Rate:	2.0%	Exis	ting Year:	2023
E/W Street:	E. Interstate Service Road	Growth Factor:	0.020	Build	lout Year:	2024
		AM DEAK HOUD		=		

AM PEAK HOUR AM PHF = 0.79

	E. In	terstate Service	Road	E. In	terstate Service	e Road		Site Driveway				
		Eastbound			Westbound			Northbound			Southbound	
Description	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
2023 Traffic Count	0	44	0	0	54	0	0	0	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0
2023 Existing Traffic	0	44	0	0	54	0	0	0	0	0	0	0
Growth Factor (0.02 per year)	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
2024 Background Growth	0	1	0	0	1	0	0	0	0	0	0	0
2024 Background Traffic	0	45	0	0	55	0	0	0	0	0	0	0
Project Traffic												
Percent Assignment Inbound	0%	0%	55%	45%	0%	0%	0%	0%	0%	0%	0%	0%
Inbound Project Traffic	0	0	4	4	0	0	0	0	0	0	0	0
Percent Assignment Outbound	0%	0%	0%	0%	0%	0%	55%	0%	45%	0%	0%	0%
Outbound Project Traffic	0	0	0	0	0	0	3	0	3	0	0	0
Total Project Traffic	0	0	4	4	0	0	3	0	3	0	0	0
2024 Buildout Total	0	45	4	4	55	0	3	0	3	0	0	0
Approach Percent Impact (vs. Existing)	1	9.1%			7.4%			#DIV/0!			#DIV/0!	

Overall Percent Impact (vs. Buildout) 12.3%

PM PEAK HOUR PM PHF = 0.80

	E. In	terstate Service	Road	E. In	terstate Service	Road		Site Driveway				
L		Eastbound			Westbound			Northbound			Southbound	
Description	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
2023 Traffic Count	0	65	0	0	40	0	0	0	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0
2023 Existing Traffic	0	65	0	0	40	0	0	0	0	0	0	0
G 4F (000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.020	0.000
Growth Factor (0.02 per year)	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
2024 Background Growth	0	1	0	0	1	0	0	0	0	0	0	0
2024 Background Traffic	0	66	0	0	41	0	0	0	0	0	0	0
Project Traffic												
Percent Assignment Inbound	0%	0%	55%	45%	0%	0%	0%	0%	0%	0%	0%	0%
Inbound Project Traffic	0	0	2	2	0	0	0	0	0	0	0	0
Percent Assignment Outbound	0%	0%	0%	0%	0%	0%	55%	0%	45%	0%	0%	0%
Outbound Project Traffic	0	0	0	0	0	0	7	0	5	0	0	0
Total Project Traffic	0	0	2	2	0	0	7	0	5	0	0	0
2024 Buildout Total	0	66	2	2	41	0	7	0	5	0	0	0
Approach Percent Impact (vs. Existing)		3.1%			5.0%			#DIV/0!			#DIV/0!	
Overall Percent Impact (ve Buildout)	13 0%			•								

Overall Percent Impact (vs. Buildout) 13.0%

3/2/23

	-	•	•	•	4	~
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	ĵ.			ર્ન	W	
Traffic Volume (vph)	44	4	4	54	4	4
Future Volume (vph)	44	4	4	54	4	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Satd. Flow (prot)	1764	0	0	1776	1694	0
Flt Permitted				0.997	0.976	
Satd. Flow (perm)	1764	0	0	1776	1694	0
Link Speed (mph)	35			35	25	
Link Distance (ft)	854			576	420	
Travel Time (s)	16.6			11.2	11.5	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	7%	2%	2%	7%	2%	2%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	53	0	0	64	8	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			0	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Sign Control	Free			Free	Stop	
Intersection Summary						
Area Type:	Other					
Control Type: Unsignalized						
Intersection Capacity Utilizat	ion 16.1%			IC	CU Level	of Service
Analysis Period (min) 15						

 $\label{thm:comselection} $$ \end{area} Truck Parking\T4 - Analysis\Synchro\Existing.syn Kimley-Horn $$$

Intersection						
Int Delay, s/veh	0.9					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	1	LDIN	1100	<u>₩</u>	¥	HOIN
Traffic Vol, veh/h	44	4	4	54	4	4
Future Vol, veh/h	44	4	4	54	4	4
Conflicting Peds, #/hr	0	0	0	0	0	0
	-					
	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage,		-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	7	2	2	7	2	2
Mvmt Flow	49	4	4	60	4	4
Major/Minor Ma	olor1		Majora		Ninor1	
	ajor1		Major2		Minor1	
Conflicting Flow All	0	0	53	0	119	51
Stage 1	-	-	-	-	51	-
Stage 2	-	-	-	-	68	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1553	-	877	1017
Stage 1	-	-	-	_	971	-
Stage 2	_	_	_	_	955	_
Platoon blocked, %	_	_		_	700	
Mov Cap-1 Maneuver		-	1553		874	1017
	-	-		-		
Mov Cap-2 Maneuver	-	-	-	-	874	-
Stage 1	-	-	-	-	971	-
Stage 2	-	-	-	-	952	-
Approach	EB		WB		NB	
HCM Control Delay, s	0		0.5		8.9	
HCM LOS	U		0.0		Α	
HOW LOS					A	
Minor Lane/Major Mvmt	N	VBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		940	-	-	1553	_
HCM Lane V/C Ratio		0.009	-	_	0.003	-
HCM Control Delay (s)		8.9	_	_	7.3	0
HCM Lane LOS		Α	_	_	7.5 A	A
HCM 95th %tile Q(veh)		0		_	0	-
		U	-		U	_

	→	•	•	←	4	/	
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	ĥ			ર્ન	W		
Traffic Volume (vph)	65	4	4	40	4	4	
Future Volume (vph)	65	4	4	40	4	4	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	
Satd. Flow (prot)	1707	0	0	1688	1694	0	
Flt Permitted				0.996	0.976		
Satd. Flow (perm)	1707	0	0	1688	1694	0	
Link Speed (mph)	35			35	25		
Link Distance (ft)	854			576	420		
Travel Time (s)	16.6			11.2	11.5		
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	
Heavy Vehicles (%)	11%	2%	2%	13%	2%	2%	
Shared Lane Traffic (%)							
Lane Group Flow (vph)	76	0	0	48	8	0	
Enter Blocked Intersection	No	No	No	No	No	No	
Lane Alignment	Left	Right	Left	Left	Left	Right	
Median Width(ft)	0			0	12		
Link Offset(ft)	0			0	0		
Crosswalk Width(ft)	16			16	16		
Two way Left Turn Lane							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	
Turning Speed (mph)		9	15		15	9	
Sign Control	Free			Free	Stop		
Intersection Summary							
Area Type:	Other						
Control Type: Unsignalized							
Intersection Capacity Utiliza	ition 15.4%			IC	CU Level	of Service	e /
Analysis Period (min) 15							

Intersection						
Int Delay, s/veh	0.8					
	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	₽			4	¥	
Traffic Vol, veh/h	65	4	4	40	4	4
Future Vol, veh/h	65	4	4	40	4	4
Conflicting Peds, #/hr	0	0	0	0	0	0
	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #		-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	11	2	2	13	2	2
Mvmt Flow	72	4	4	44	4	4
Major/Minor Ma	ajor1	N	Major2	- 1	Minor1	
Conflicting Flow All	0	0	76	0	126	74
Stage 1	-	-	-	-	74	-
Stage 2	_		_	_	52	_
Critical Hdwy	_		4.12		6.42	6.22
Critical Hdwy Stg 1	_		4.12	_	5.42	0.22
Critical Hdwy Stg 2	_	-			5.42	_
Follow-up Hdwy	_		2.218			
Pot Cap-1 Maneuver	_		1523		869	988
Stage 1	_		1323	_	949	700
Stage 2	_				970	
Platoon blocked, %	-	-	-	-	710	-
Mov Cap-1 Maneuver	-	-	1523	-	866	988
		-			866	900
Mov Cap-2 Maneuver	-	-	-	-		
Stage 1	-	-	-	-	949	-
Stage 2	-	-	-	-	967	-
Approach	EB		WB		NB	
HCM Control Delay, s	0		0.7		8.9	
HCM LOS					Α	
			EDT	EBR	WDI	WDT
Naissan I sans /Naissan Naissa				FKK	WBL	WBT
Minor Lane/Major Mvmt	N	IBLn1	EBT	LDIN		
Capacity (veh/h)	N	923	-	-	1523	-
Capacity (veh/h) HCM Lane V/C Ratio	N	923 0.01	-	-	1523 0.003	-
Capacity (veh/h) HCM Lane V/C Ratio HCM Control Delay (s)	N	923 0.01 8.9	- - -	- - -	1523 0.003 7.4	0
Capacity (veh/h) HCM Lane V/C Ratio	N	923 0.01	-	-	1523 0.003	

	-	\rightarrow	•	•	4	_
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	1>			4	W	
Traffic Volume (vph)	45	4	4	55	4	4
Future Volume (vph)	45	4	4	55	4	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Satd. Flow (prot)	1652	0	0	1680	864	0
Flt Permitted				0.997	0.976	
Satd. Flow (perm)	1652	0	0	1680	864	0
Link Speed (mph)	35			35	25	
Link Distance (ft)	854			576	420	
Travel Time (s)	16.6			11.2	11.5	
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	7%	100%	100%	7%	100%	100%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	54	0	0	65	8	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	0			0	12	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)		9	15		15	9
Sign Control	Free			Free	Stop	
Intersection Summary						
Area Type:	Other					
Control Type: Unsignalized						
Intersection Capacity Utilizat	tion 16.2%)		IC	CU Level	of Service
Analysis Period (min) 15						

Intersection						
Int Delay, s/veh	1					
		EDD	WDI	WDT	NDI	NDD
	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	Þ	4	4	4	Y	4
Traffic Vol, veh/h	45	4	4	55	4	4
Future Vol, veh/h	45	4	4	55	4	4
Conflicting Peds, #/hr	0	_ 0	_ 0	0	0	0
	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage,	# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	7	100	100	7	100	100
Mvmt Flow	50	4	4	61	4	4
N.A.; /N.A;	-!1		//alaun		/!a1	
	ajor1		Major2		Minor1	
Conflicting Flow All	0	0	54	0	121	52
Stage 1	-	-	-	-	52	-
Stage 2	-	-	-	-	69	-
Critical Hdwy	-	-	5.1	-	7.4	7.2
Critical Hdwy Stg 1	-	-	-	-	6.4	-
Critical Hdwy Stg 2	-	-	-	-	6.4	-
Follow-up Hdwy	-	-	3.1	-	4.4	4.2
Pot Cap-1 Maneuver	-	-	1101	-	686	796
Stage 1	-	-	-	-	770	-
Stage 2	-	-	-	-	755	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	_	1101	-	683	796
Mov Cap-2 Maneuver	_	_		_	683	-
Stage 1	_	_	_	_	770	_
Stage 2		_	_		752	<u>-</u>
Stage 2	_		-		132	-
Approach	EB		WB		NB	
HCM Control Delay, s	0		0.6		10	
HCM LOS					В	
N. 1 /N. 1 N. 1		IDL 4	EDT	EDD	MDI	MOT
Minor Lane/Major Mvmt	ľ	VBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		735	-		1101	-
HCM Lane V/C Ratio		0.012	-	-	0.004	-
HCM Control Delay (s)		10	-	-	8.3	0
HCM Lane LOS		В	-	-	Α	Α
HCM 95th %tile Q(veh)		0	-	-	0	-
, ,						

	→	•	•	←	4	/	
Lane Group	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	f)			ર્ન	, A		
Traffic Volume (vph)	66	4	4	41	7	5	
Future Volume (vph)	66	4	4	41	7	5	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	
Satd. Flow (prot)	1632	0	0	1578	870	0	
Flt Permitted				0.996	0.972		
Satd. Flow (perm)	1632	0	0	1578	870	0	
Link Speed (mph)	35			35	25		
Link Distance (ft)	854			576	420		
Travel Time (s)	16.6			11.2	11.5		
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	
Heavy Vehicles (%)	11%	100%	100%	13%	100%	100%	
Shared Lane Traffic (%)							
Lane Group Flow (vph)	77	0	0	50	14	0	
Enter Blocked Intersection	No	No	No	No	No	No	
Lane Alignment	Left	Right	Left	Left	Left	Right	
Median Width(ft)	0			0	12		
Link Offset(ft)	0			0	0		
Crosswalk Width(ft)	16			16	16		
Two way Left Turn Lane							
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	
Turning Speed (mph)		9	15		15	9	
Sign Control	Free			Free	Stop		
Intersection Summary							
Area Type:	Other						
Control Type: Unsignalized							
Intersection Capacity Utilization 15.5%				IC	CU Level	of Service	e.
Analysis Period (min) 15							

Intersection						
Int Delay, s/veh	1.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	₽			ની	N/F	
Traffic Vol, veh/h	66	4	4	41	7	5
Future Vol, veh/h	66	4	4	41	7	5
Conflicting Peds, #/hr	0	0	0	0	0	0
	Free	Free	Free	Free	Stop	Stop
RT Channelized	_	None	_	None	_	None
Storage Length	-	-	-	_	0	-
Veh in Median Storage,	# 0	_	_	0	0	_
Grade, %	0	_	_	0	0	_
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	11	100	100	13	100	100
Mymt Flow	73	4	4	46	8	6
IVIVIIII FIOW	13	4	4	40	Ö	0
Major/Minor Major/Minor	ajor1	N	/lajor2	N	Minor1	
Conflicting Flow All	0	0	77	0	129	75
Stage 1	-	_		-	75	-
Stage 2	_	_	_	_	54	_
Critical Hdwy	_	_	5.1	_	7.4	7.2
Critical Hdwy Stg 1	-	-	-	-	6.4	-
Critical Hdwy Stg 2	-	-	-	-	6.4	-
Follow-up Hdwy	-	-	3.1	-	4.4	4.2
Pot Cap-1 Maneuver	-	-	1076	-	678	770
Stage 1	-	-	-	-	749	-
Stage 2	-	-	-	-	768	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1076	-	675	770
Mov Cap-2 Maneuver	-	-	_	-	675	-
Stage 1	_	_	-	_	749	_
Stage 2	_	_	_	_	765	_
Stage 2					700	
Approach	EB		WB		NB	
HCM Control Delay, s	0		0.7		10.2	
HCM LOS					В	
		IDI 4	EDT	EDD.	MDI	WET
Minor Lane/Major Mvmt	ľ	VBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)		712	-	-	1076	-
HCM Lane V/C Ratio		0.019	-	-	0.004	-
HCM Control Delay (s)		10.2	-	-	8.4	0
HCM Lane LOS		В	-	-	Α	Α
HCM 95th %tile Q(veh)		0.1	-	-	0	-
TOW FOUT FOUT Q(VCII)		0.1			U	



PLANNING BOARD Recommendation & Statement of Consistency

Per NCGS 160A-383, zoning regulations shall be made in accordance with an adopted comprehensive plan and any other officially adopted plan that is applicable. The Planning Board shall advise and comment on whether the proposed amendment is consistent with the "The Graham 2035 Comprehensive Plan" and any other officially adopted plan that is applicable. The Planning Board shall provide a written recommendation to the City Council that addresses plan consistency and other matters as deemed appropriate by the Planning Board, but a comment by the Planning Board that a proposed amendment is inconsistent with the "The Graham 2035 Comprehensive Plan" shall not preclude consideration or approval of the proposed amendment by the City Council.

E Interstate Service Road Truck Storage (SUP2301)

Type of Request
Special Use Permit

Meeting Dates
Planning Board on May 16, 2023
City Council on June 13, 2023

I move to recommend APPROVAL of the application as presented.
I move to recommend APPROVAL with the following conditions:
o Guard House on property
 Fencing around the perimeter of the lot, to be opaque in nature.
o Add electrical component to fencing if permissible by code.
I move to recommend DENIAL.
I move to adopt the Findings of Fact and Conclusions of Law as presented in the staff report.
☐ I move to adopt the Findings of Fact and Conclusions of Law presented in the staff report
with the following revisions:
The application is consistent with The Graham 2035 Comprehensive Plan.
The application is not fully consistent with <i>The Graham 2035 Comprehensive Plan</i> .
This report reflects the recommendation of the Planning Board, this the 16 th day of May, 2023.
Attest:
Dec wand
Dean Ward, Planning Board Chairman
Rebber Jolex
Debbie Jolly, Secretary



0 S NC 87 HWY R-9 (RZ2301)

Type of Request: Rezoning

Meeting Dates

Planning Board: April 18, 2023 City Council: May 9, 2023 City Council: June 13, 2023 City Council: July 11, 2023

Summary

This is a request to rezone 53.904 acres of property from R-18 (Low-Density Residential) to R-9 (High-Density Residential) for the purpose of extending the 4th phase of Rogers Springs homes into this area. The property is mostly inside of the Suburban Residential future land use zone while the are near the river makes up the Rural Residential area which cant be built upon due to it being in the flood way. The future land use plan notes that principal uses in the Suburban Residential zone predominately are made up with detached single family homes. The appropriate density for this area is 3-6 dwelling units per acre. The maximum number of lots/units you could build with 9,000 square feet, according to the Development ordinance is 256 +-. The max the future land use deems appropriate at 6 units per acre is 318 +- units. The Planning Board voted 4-1 in recommending denial of the rezoning at its April 18th meeting.



Contact Information

Clayton Properties Group INC. 10130 Perimeter Parkway, Suite 100 Charlotte, NC 28216

Location

0 S NC 87 HWY

GPIN:

8882178503

Current Zoning

R-18(Low Density Residential)

Proposed Zoning

R-9 (High-Density Residential)

Overlay District

N/A

Surrounding Zoning

R-9, R-18, R-12

Surrounding Land Uses

Vacant, Single-Family

Size

53.904 acres

Public Water & Sewer

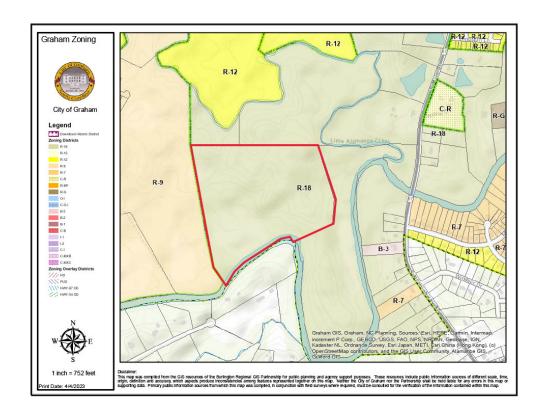
Yes

Floodplain

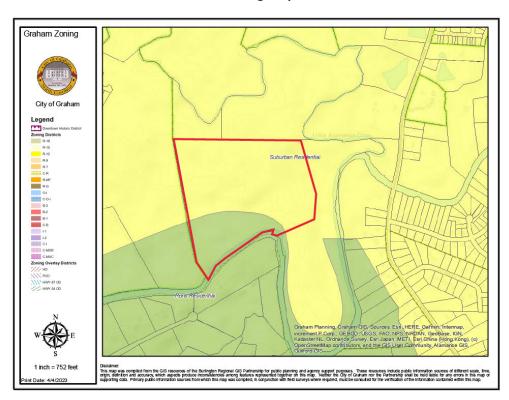
Yes

Staff Recommendation

Approval



Zoning Map



Future Land Use Map

Conformity to the Graham 2035 Comprehensive Plan (GCP) and Other Adopted Plans

Applicable Policies;

• **3.3.2: Focused development**. In order to maintain Graham's affordability and promote growth, the City will facilitate smart growth development by promoting infill development and focused, walkable, and mixed use, built environments. *This development utilizes the land which is served by city water and sewer more efficiently than maintaining the existing R-18 zoning. Additionally, the R-9 zoning allows for the construction of more homes in suitable locations than the R-18 current zoning.*

Applicable Strategies;

 4.3.1 Land Use Patterns. Promote development of efficient land use patterns to allow continued quality and efficiency of water systems. Discourage the extension of water service into areas that are not most suitable for development. The site would connect to existing city infrastructure, with redundant access and water and sewer connections.

Staff Recommendation:

Based on the *Graham 2035 Comprehensive Plan* and the *City of Graham Development Ordinance*, staff recommends **approval** of the rezoning. The following supports this recommendation:

 Rezoning the property would be in consistence with the Suburban Residential type and furthers policy 3.3.2, and strategy 4.3.1, as put forth by the Graham 2035 Comprehensive Plan.

Planning Type Neighborhoods

Development Type

Suburban Residential

For single family residential, townhouses, duplexes, accessory dwelling units, and small scale multi-family dwelling of twelve units or less. Buildings should be located near the front of the property line, oriented towards the street, and include front porches and other private outdoor spaces. Recess garages behind the front of buildings to avoid streetscapes dominated by garage doors

Appropriate Form

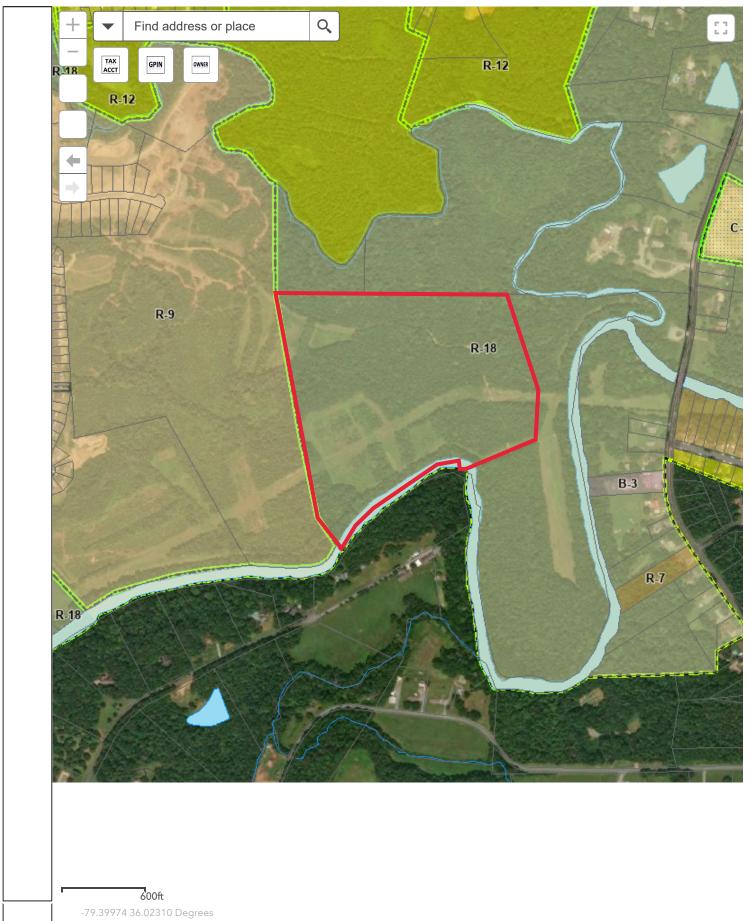
3-6 Dwelling Units per acre

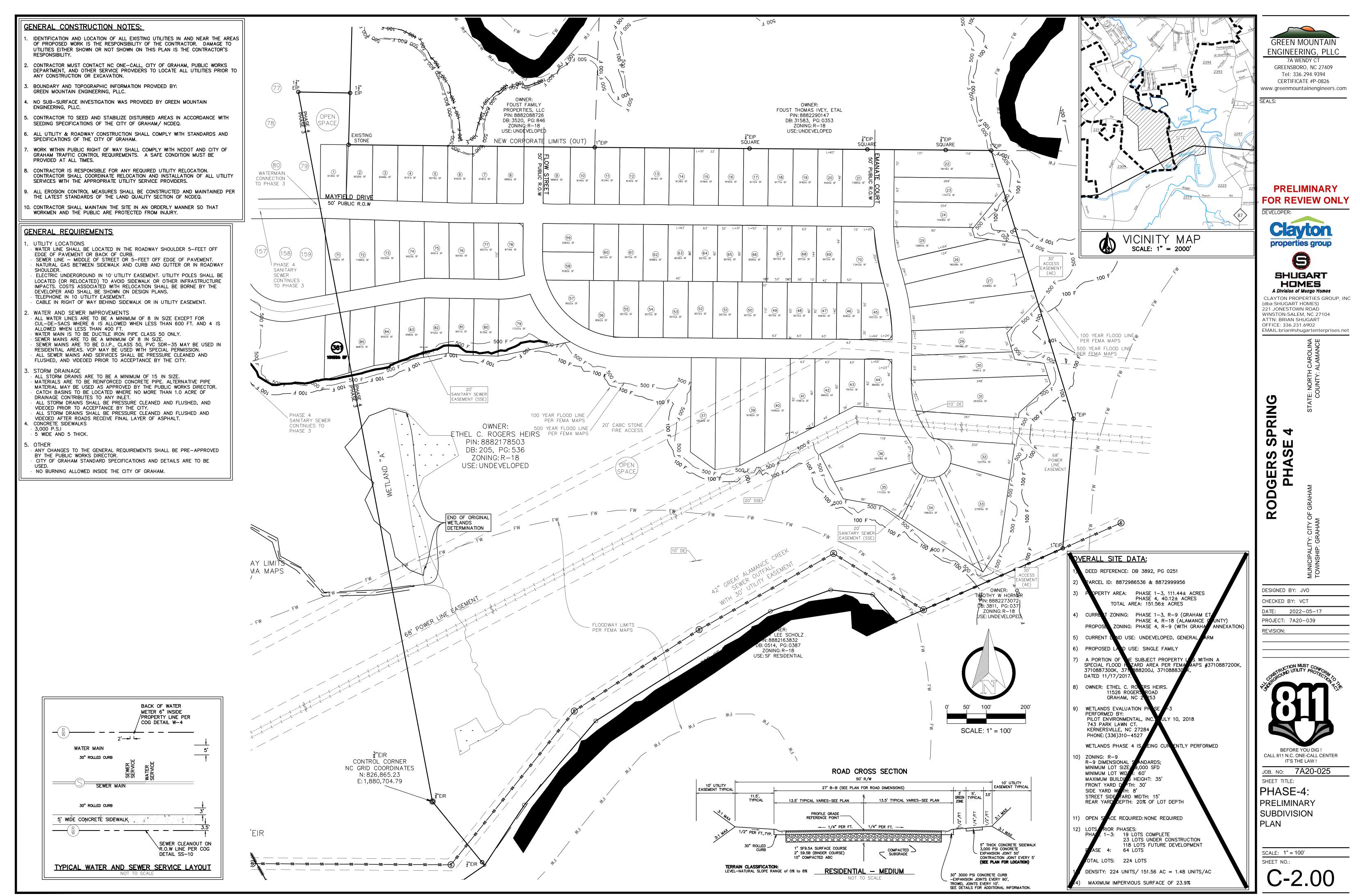
Planning Board Recommendation:

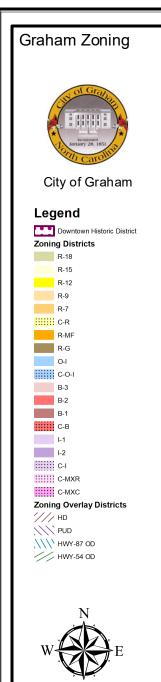
The Planning Board, at its April 18th voted 4-1 to recommend denial of the proposed rezoning request. The basis of the recommended denial was due to the traffic the additional homes would bring inside of the current development and roadways into and out of the neighborhood.

Graham Zoning Viewer - Planning

Portal



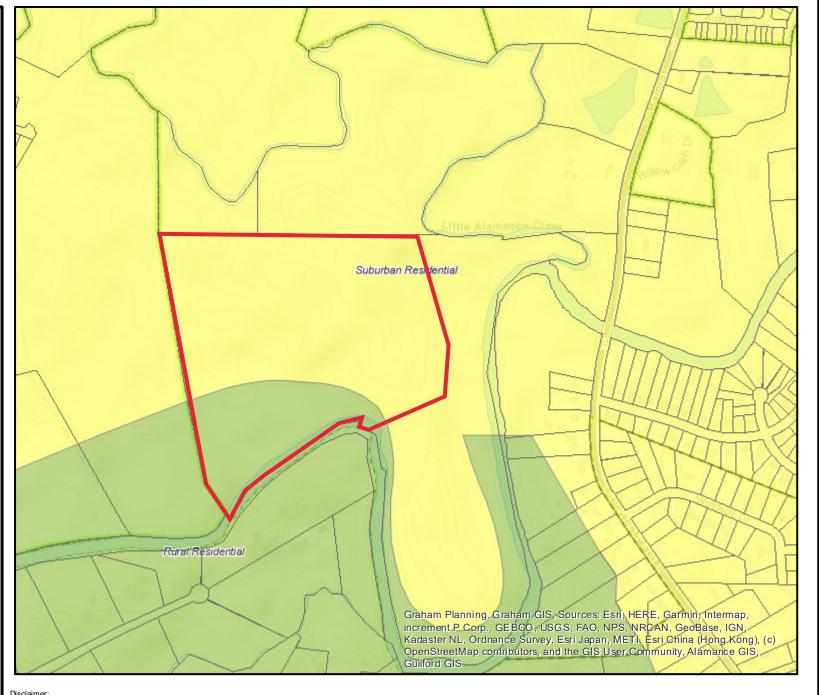






1 inch = 752 feet

Print Date: 4/4/2023



This map was compiled from the GIS resources of the Burlington Regional GIS Partnership for public planning and agency support purposes. These resources include public information sources of different scale, time, origin, definition and accuracy, which aspects produce inconsistencies among features represented together on this map. Neither the City of Graham nor the Partnership shall be held liable for any errors in this map or supporting data. Primary public information sources from which this map was compiled, in conjunction with field surveys where required, must be consulted for the verification of the information contained within this map.

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PLANNING BOARD Recommendation & Statement of Consistency

Per NCGS 160D-701, zoning regulations shall be made in accordance with an adopted comprehensive plan and any other officially adopted plan that is applicable. The Planning Board shall advise and comment on whether the proposed amendment is consistent with "The Graham 2035 Comprehensive Plan" and any other officially adopted plan that is applicable. The Planning Board shall provide a written recommendation to the City Council that addresses plan consistency and other matters as deemed appropriate by the Planning Board, but a comment by the Planning Board that a proposed amendment is inconsistent with "The Graham 2035 Comprehensive Plan" shall not preclude consideration or approval of the proposed amendment by the City Council.

Rogers Spring 0 S NC 87 HWY (RZ2301)

Type of Request

Rezoning

Meeting Dates

Planning Board on April 18, 2023 City Council on May 9, 2023

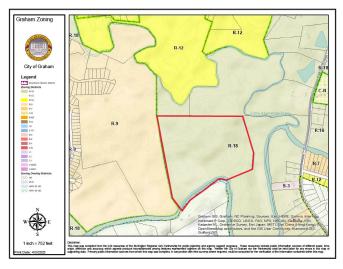
I move to recommend APPROVAL of the application as presented.					
I move to recommend DENIAL.					
The application is consistent with The Graham 2035 Comprehensive Plan. The application is not fully consistent with The Graham 2035 Comprehensive Plan.					
The action is reasonable and in the public interest for the following reasons:					
Traffic on Rogers Road and through Current					
neighborhood area was a cause for concern.					
This report reflects the recommendation of the Planning Board, this the 18th day of April, 2023.					
Attest:					
Dear Ward					
Dean Ward, Planning Board Chairman					
Cenner West					
Cameron West, Planner					



SUBJECT:	ANNEXATION OF 53.90 +/- ACRES OFF MAYFIELD DRIVE
PREPARED BY:	CAMERON WEST, PLANNER

REQUESTED ACTION:

Approve the Annexation Ordinance to Extend the Corporate Limits of the City of Graham, North Carolina for a tract of land totaling 53.90 - acres located off Mayfield Drive.



BACKGROUND/SUMMARY:

The attached petition is a request for the Council's approval for an extension of the corporate limits to include the subject properties. The area being considered for annexation is located off of Mayfield Drive and contains approximately 53.90 +- acres total. Water and sewer are located adjacent to this property within the Mayfield Drive right of way, and the applicants wish to tie onto the City's infrastructure.

FISCAL IMPACT:

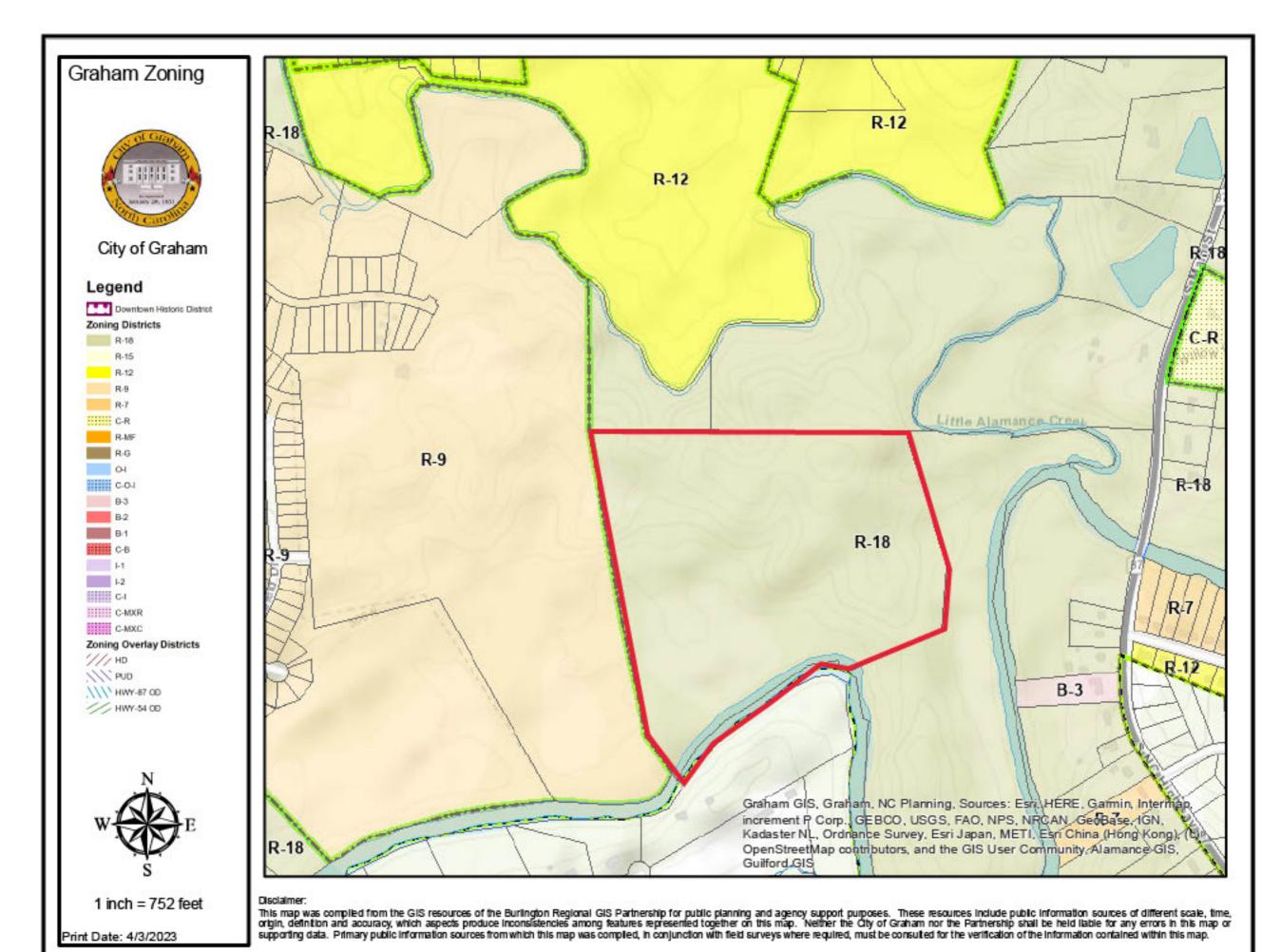
New residential property generally creates positive tax revenue for the City, and because the public services are being connected at this site, the cost to the City is minimal.

STAFF RECOMMENDATION:

Approval.

SUGGESTED MOTION(S):

1. I move we approve the Annexation Ordinance to Extend the Corporate limits of the City of Graham, North Carolina, for 53.90 (+/-) acres off of Mayfield Drive.



SURVEYOR'S CERTIFICATION:

I <u>Joshua A. Montazeri</u>, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in book <u>see</u>, page <u>Map</u>: that the boundaries not surveyed are indicated as drawn from information in book <u>see</u>, page <u>Map</u>; that the ratio of precision or positional accuracy as calculated is 1:10.000+; and that the plat was prepared in accordance with G.S. 47-30 as amended.

REGARDING ORIENTATION AND CONTROL POINT COORDINATES:
I, JOSHUA A. MONTAZERI, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY
SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE
FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

- (1) CLASS OF SURVEY: CLASS 1
- (2) POSITIONAL ACCURACY: 1: 50,000+
- (3) TYPE OF GPS FIELD PROCEDURE: VRS-RTK
- (4) DATES OF SURVEY: SEPTEMBER 18, 2020
- (5) DATUM/EPOCH: NAD83/2011
- (6) PUBLISHED/FIXED-CONTROL USE: CORS
- (7) GEOID MODÉL: NCGEOID 12B GRS80
 (8) COMBINED GRID FACTOR(S): 0.99995931
- (9) UNITS: US SURVEY FEET

I <u>JOSHUA A. MONTAZERI</u>, CERTIFY THAT THIS IS A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND, OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 24th. DAY OF SEPTEMBER, 2020.





CITY OF GRAHAM ANNEXATION APPROVAL

ANNEXATION APPROVED BY THE GRAHAM CITY COUNCIL ON THE
_____ DAY OF ______, 2020. WITH AN EFFECTIVE DATE
OF ______, PROVIDED THAT THE PLAT BE RECORDED
WITHIN SIXTY DAYS OF FINAL APPROVAL.

BY	MAYOR	DATE
ATTEST	CITY CLERK	DATE

REVIEW OFFICER'S CERTIFICATE ALAMANCE COUNTY, NORTH CAROLINA

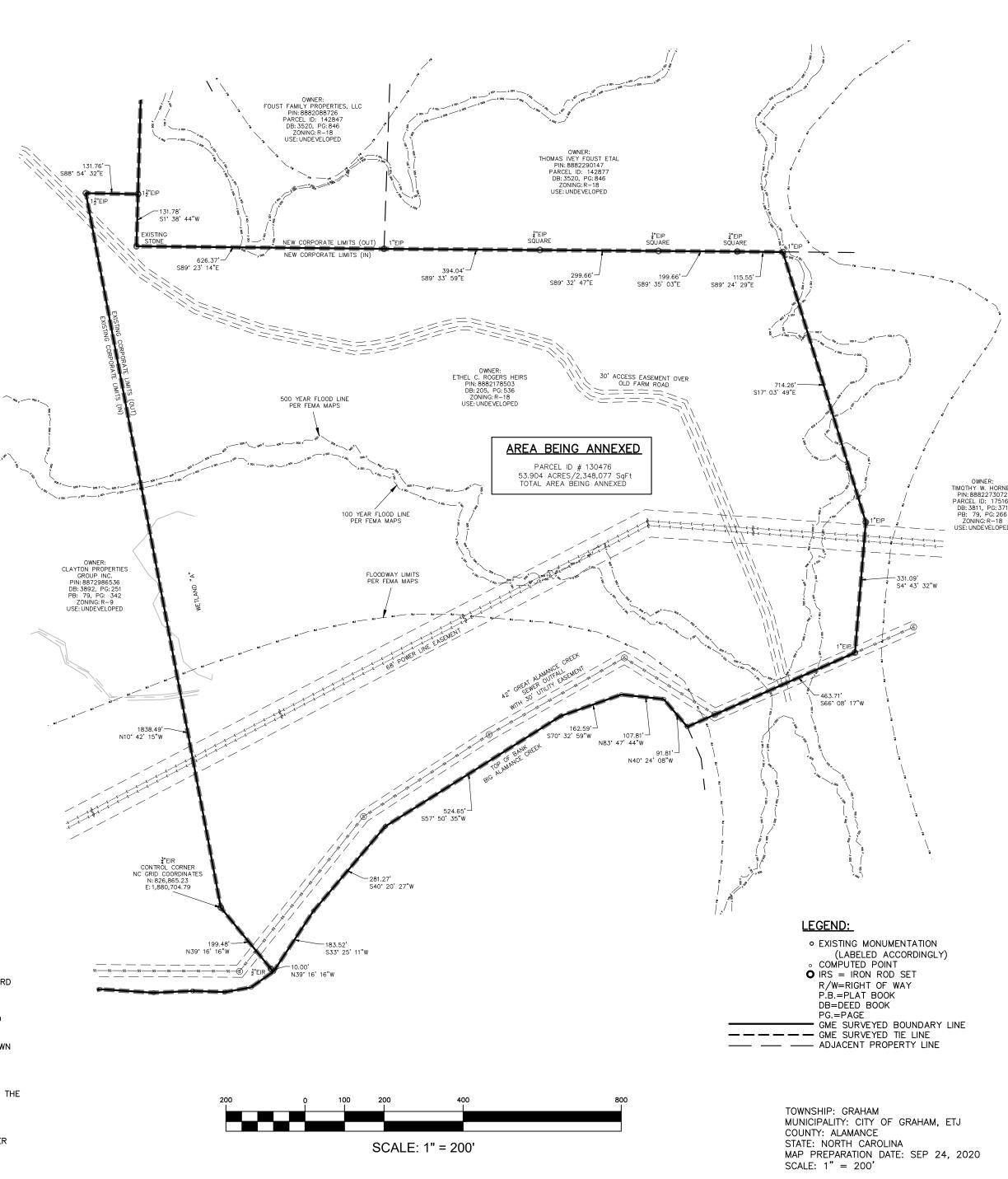
I, ______, REVIEW OFFICER OF ALAMANCE
COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS
CERTIFICATION IS AFFIXED MEETS ALL STATUTORY

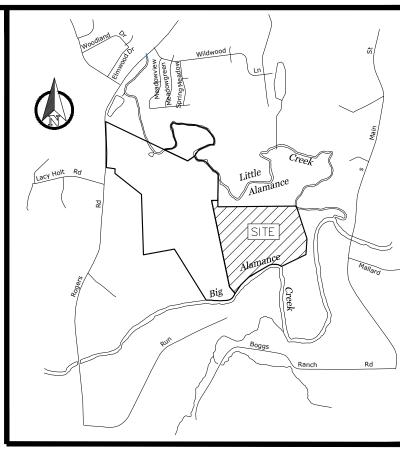
REQUIREMENTS FOR RECORDING.

SIGNED:	

SURVEY NOTES:

- 1. THIS PROPERTY IS SUBJECT TO ANY EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY OF RECORD PRIOR TO THE DATE OF THIS MAP WHICH WERE NOT APPARENT AT THE TIME OF OUR FIELD
- 2. THE SURVEYOR HAS NOT PERFORMED A TITLE SEARCH, THEREFORE, THIS MAP IS SUBJECT TO ANY AND ALL FACTS THAT AN ACCURATE TITLE SEARCH MAY DISCLOSE.
- 3. NO SUBSURFACE INVESTIGATION HAS BEEN DONE AT THIS TIME. UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM ACTUAL FIELD LOCATIONS AND/OR MAPS BY OTHERS.
- 4. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED.
- 5. BEARINGS AROUND SUBJECT PROPERTY ARE ORIENTED TO THE BEARING BASE REFERENCE IN THE NORTH ARROW. ALL GRID BEARINGS ARE SO NOTED.
- 6. IRON PINS (#4 REBAR) SET AT ALL CORNERS UNLESS OTHERWISE NOTED.
- 7. A PORTION OF THE SUBJECT PROPERTY DOES LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER FEMA MAP # 3710887200K, 3710888300K, 3710887300K, 3710888200K, 3710888300K, DATED 11/17/2017.





VICINITY MAP SCALE: 1" = 2000'



NC GRID NAD 83, NSRS 2011

PROPERTY DATA:

- 1) DEED REFERENCE: DB 205, PG 536, PB 79, PG 266
- 2) PARCEL ID # 142862 2) PARCEL PIN # 8882178503
- 3) PROPERTY AREA: 53.904± ACRES
- 4) EXIST. NO. OF LOTS: 1 LOT
 5) CURRENT ZONING: R-18 (GRAHAM ETJ)
 6) CURRENT LAND USE: UNDEVELOPED
- 7) OWNER: ETHEL C. ROGERS HEIRS 1526 ROGERS ROAD GRAHAM, NC 27253
- 8) NO WETLANDS PERMITTING HAS BEEN UNDERTAKEN AT THIS TIME.

FINAL PLAT

CORPORATE LIMITS EXTENSION
CITY OF GRAHAM
TAX PARCEL ID # 142862



7A WENDY CT
GREENSBORO, NC 27409
Tel: 336.294.9394
CORPORATE CERTIFICATE #P-0826
www.greenmountainengineers.com

GME PROJECT # 20-039, ANNEXATION PLAT

ANNEXATION ORDINANCE

TO EXTEND THE CORPORATE LIMITS OF THE CITY OF GRAHAM, NORTH CAROLINA FOR A 53.90-ACRE TRACT OF LAND OFF MAYFIELD DRIVE (AN2301)

WHEREAS, the Graham City Council has been petitioned under G.S. 160A-31 to annex the area described below; and

WHEREAS, the Graham City Council has by resolution directed the City Clerk to investigate the sufficiency of the petition; and

WHEREAS, the City Clerk has certified the sufficiency of the petition and a public hearing on the question of this annexation was held at City Hall, 201 South Main Street, Graham at 6:00 P.M. on July 11, 2023, after due notice by publication on April 27, 2023; and

WHEREAS, the Graham City Council finds that the petition meets the requirements of G.S. 160A-31.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Graham, North Carolina that:

Section 1. By virtue of the authority granted by G.S. 160A-31, the following described territory is hereby annexed and made part of the City of Graham as of July 11, 2023:

Legal Description GPIN#: 8882178503

Legal Description:

BEGINNING AT AN IRON PIPE FOUND LOCATED AT THE MOST SOUTH EASTERLY CORNER OF THE PARCEL DESCRIBED HEREON, BEING THE TRUE POINT OF BEGINNING, AND HAVING THE FOLLOWING NORTH CAROLINA STATE PLANE COORDINATES: NC NAD 83 N:82751.037 E:1882308.671 THENCE FOLLOWING TWENTY (20) COURSES: 1. SOUTH 66 DEGREES 09 MINUTES 09 SECONDS WEST FOR 433.73 FEET TO AN IRON PIPE FOUND;

THENCE 2. SOUTH 65 DEGREES 56 MINUTES 09 SECONDS WEST FOR 29.97 FEET TO AN IRON REBAR SET; THENCE 3. NORTH 40 DEGREES 24 MINUTES 03 SECONDS WEST FOR 91.81 FEET TO AN IRON REBAR SET: THENCE 4. NORTH 83 DEGREES 47 MINUTES 39 SECONDS WEST FOR 107.81 FEET TO AN IRON REBAR SET; THENCE 5. SOUTH 70 DEGREES 33 MINUTES 04 SECONDS WEST FOR 162.59 FEET TO AN IRON REBAR SET; THENCE 6. SOUTH 57 DEGREES 50 MINNUTES 40 SECONDS WEST FOR 524.65 FEET TO AN IRON REBAT SET; THENCE 7. SOUTH 40 DEGREES 20 MINUTES 32 SECONDS WEST FOR 281.27 FEET TO AN IRON REBAR SET; THENCE 8. SOUTH 33 DEGREES 24 MINUTES 21 SECONDS WEST FOR 183.51 FEET TO AN IRON REBAR SET: THENCE 9. NORTH 39 DEGREES 22 MINUTES 49 SECONDS WEST FOR 9.69 FEET TO AN IRON REBAR FOUND; THENCE 10. NORTH 39 DEGREES 15 MINUTES 35 SECONDS WEST FOR 199.75 FEET TO AN IRON REBAR FOUND; THENCE 11. NORTH 10 DEGREES 42 MINUTES 17 SECONDS WEST FOR 1838.54 FEET TO AN IRON PIPE FOUND; THENCE 12. SOUTH 88 DEGREES 53 MINUTES 02 SECONDS EAST FOR 131.73 FEET TO AN IRON PIPE FOUND; THENCE 13. SOUTH 01 DEGREES 41 MINUTES 25 SECONDS WEST FOR 131.72 FEET TO A STONE MONUMENT FOUND; THENCE 14. SOUTH 89 DEGREES 23 MINUTES 52 SECONDS EAST FOR 626.58 FEET TO AN IRON PIPE FOUND; THENCE 15. SOUTH 89 DEGREES 31 MINUTES 11 SECONDS EAST FOR 393.59 FEET TO AN IRON REBA SET; THENCE 16. SOUTH 89 DEGREES 34 MINUTES 18 SECONDS EAST FOR 300.27 FEET TO AN IRON REBAR SET: THENCE 17. SOUTH 89 DEGREES 35 MINUTES 26 SECONDS EAST FOR 199.76 FEET TO AN IRON REBAR SET; THENCE 18. SOUTH 89 DEGREES 31 MINUTES 09 SECONDS EAST FOR 115.39 FEET TO AN IRON PIPE FOUND: THENCE 19. SOUTH 17 DEGREES 02 MINUTES 26 SECONDS EAST FOR 714.51 FEET TO AN IRON PIPE FOUND; THENCE 20. SOUTH 04 DEGREES 44 MINUTES 07 SECONDS WEST FOR 330.98 FEET TO SAID POINT OF BEGINNING. SAID PARCEL CONTAINS 2,348,038 SQUARE FEET OR 53.90 ACRES OF LAND, MORE OR LESS.

Adopted this, the 11th day of July, 2023	
	Jennifer Talley, Mayor, City of Graham
ATTEST:	APPROVED AS TO FORM:
Renee M. Ward, City Clerk	Bryan Coleman, City Attorney



0 Kimrey Road - Scott Mayo I-1 (RZ2302)

Type of Request: Rezoning

Meeting Dates

Planning Board: May 16, 2023 City Council: June 13, 2023

Contact Information

William Seymour 1007 Battleground AVE Greensboro, NC 27408

Summary

This is a request to rezone 67 acres of property from Un-zoned to I-1 (Light Industrial) for the purpose of developing an industrial site in the future. The property is inside the Employment District future land use zone. The future land use plan notes that the Employment District is a joint land use area between Mebane, Graham, and Alamance County. The desired pattern for this area is accommodate a range of employers and provide office space, industrial space, commercial space, institutional space, and residential housing. This request is accompanied by an annexation that will be heard at the June City Council meeting.



Location

0 KIMREY RD

GPIN:

9803172212

Current Zoning

Un-zoned

Proposed Zoning

I-1 (Light Industrial)

Overlay District

N/A

Surrounding Zoning

Un-zoned, I-1

Surrounding Land Uses

Vacant, Single-Family

Size

67 acres

Public Water & Sewer

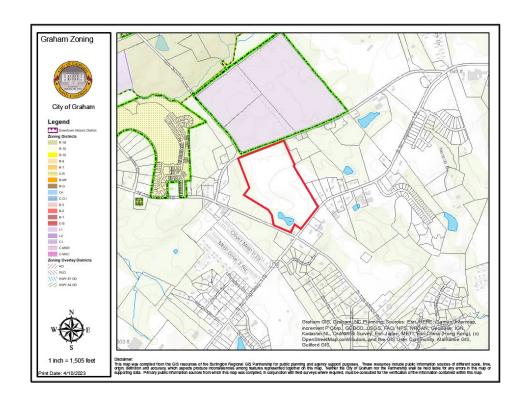
Will be extended

Floodplain

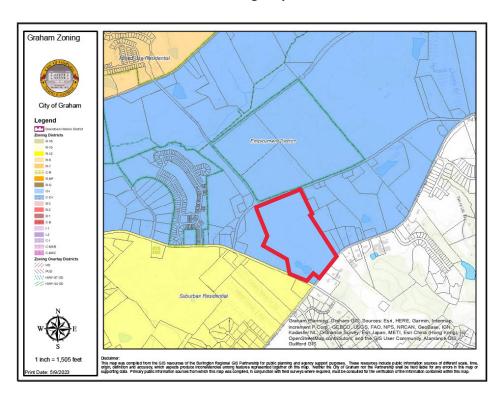
No

Staff Recommendation

Approval



Zoning Map



Future Land Use Map

Conformity to the *Graham 2035 Comprehensive Plan* (GCP) and Other Adopted Plans Applicable Policies;

- 2.4.1 NC Commerce Park. Promote growth of Graham's primary job creation opportunity, a joint planning area known as the North Carolina Commerce Park (NCCP), due to its location, regional accessibility, and high developable status. Permitting Light Industrial zoning would allow for the anticipated land uses likely to occupy this parcel in the future
- 4.3.1 Land Use Patterns. Promote development of efficient land use patterns to allow continued quality and efficiency of water systems. Discourage the extension of water service into areas that are not most suitable for development. The site would connect to existing city infrastructure, with redundant access and water and sewer connections.

Applicable Strategies;

• **2.2.1 Job Development.** Provide support and assistance to the business recruitment efforts of the Alamance County Chamber of Commerce, seeking to attract a range of employment opportunities. The Chamber is actively attempting to recruit businesses like those that would choose to occupy this parcel.

Staff Recommendation:

Based on the *Graham 2035 Comprehensive Plan* and the *City of Graham Development Ordinance*, staff recommends **approval** of the rezoning. The following supports this recommendation:

 Rezoning the property would be in consistence with the Employment District type (Policy 2.4.1) and will allow land uses which are likely to attract employment opportunities within the City of Graham (Strategy 2.2.1).

Planning Board Recommendation:

Description of Development Type

Employment District

Contains several uses, including farms, single family homes, natural groundcover, and warehousing.

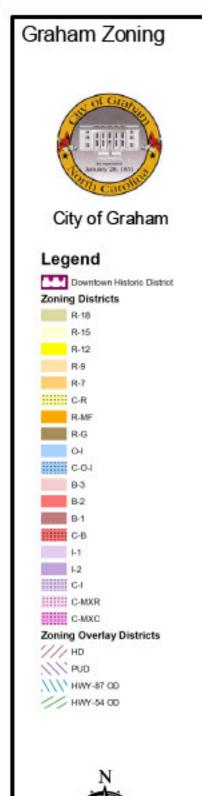
Provide office space, industrial space, commercial space, institutional space, and residential housing.

This should be planned to preserve open space and open corridors, and develop high-quality and adaptable buildings for a variety of companies.

Should support the viability of safe walking and bicycling as a serious form of transportation, while also ensuring the most efficient transportation network possible for freight trucks and other heavy vehicles that require regional access.

Appropriate Form

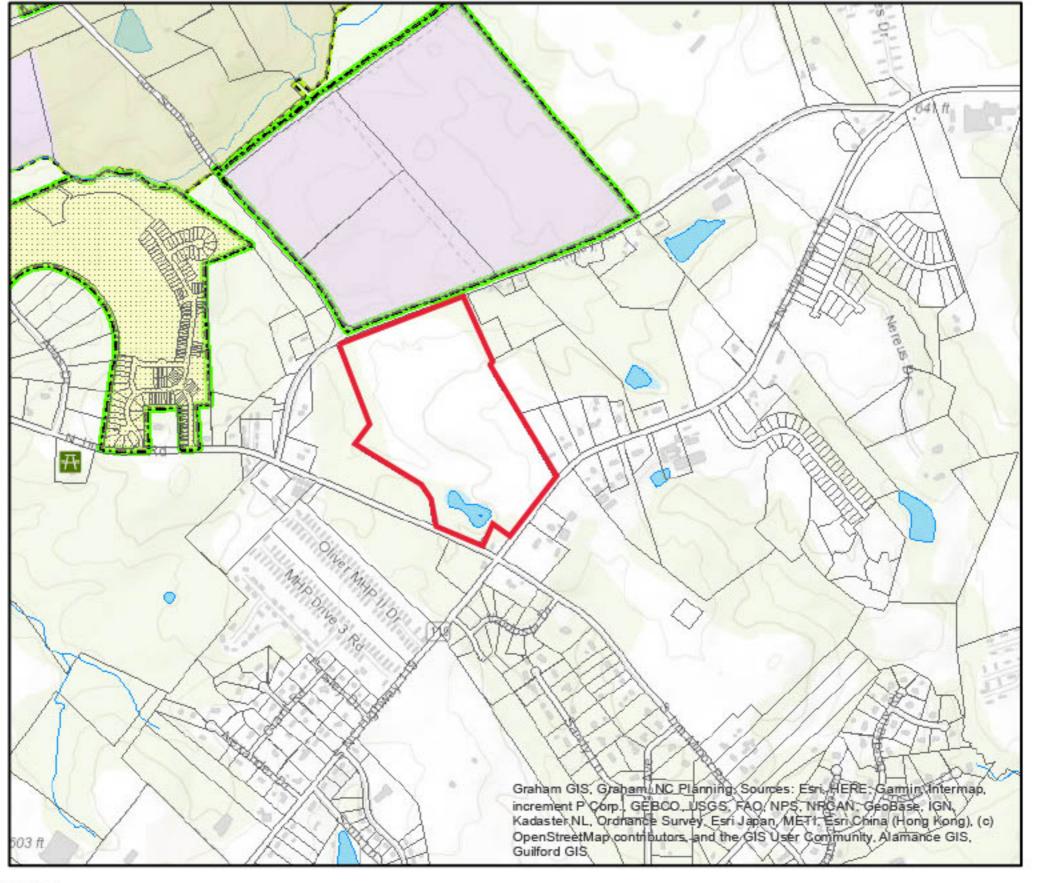
6 DU/acre, or 0.5 Commercial/ Industrial FAR





1 inch = 1,505 feet

Print Date: 4/10/2023



Disclaimer:

This map was compiled from the GIS resources of the Burlington Regional GIS Partnership for public planning and agency support purposes. These resources include public information sources of different scale, time, origin, definition and accuracy, which aspects produce inconsistencies among features represented together on this map. Neither the City of Graham nor the Partnership shall be held liable for any errors in this map or supporting data. Primary public information sources from which this map was compiled, in conjunction with field surveys where required, must be consulted for the verification of the information contained within this map.



Application for REZONING or CONDITIONAL REZONING

P.O. Drawer 357 201 South Main Street Graham, NC 27253 (336) 570-6705 Fax (336) 570-6703 www.cityofgraham.com

This application is for both general district rezonings and conditional rezonings. Applications are due on the 25th of each month. Applicants are encouraged to consult with the *City of Graham Development Ordinances* and the City Planner.

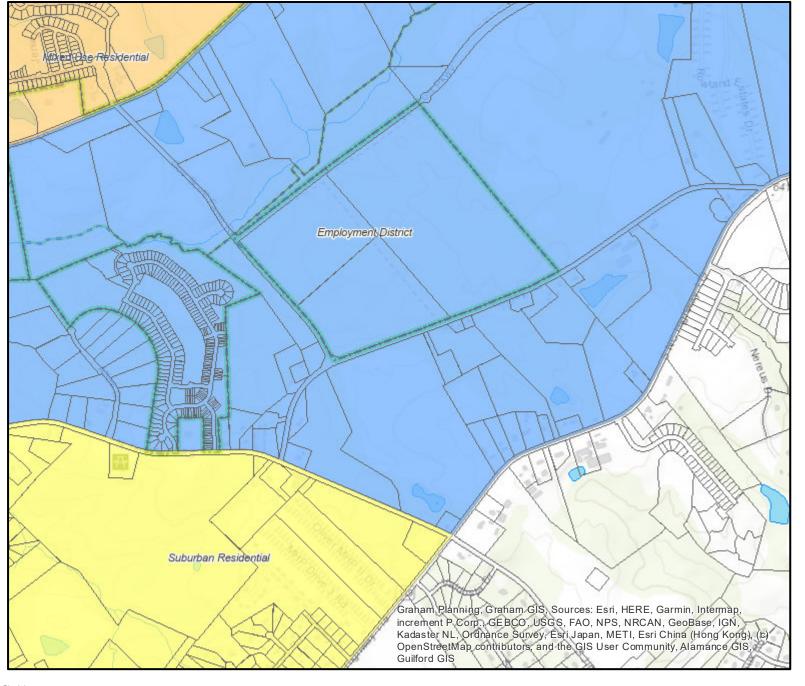
Site	Proposed Rezoning or Conditional Rezoning		
Street Address: Kimrey Rd Tax Map#: Old 10-16-27 GPIN: Portion of 9803172212	Proposed Zoning District(s): R-7 R-9 R-12 R-15 R-18		
Current Zoning District(s): R-7 R-9 R-12 R-15 R-18	R-MF R-G C-R C-MXR B-1 B-2 B-3 C-B C-MXC O-I C-O-I I-1 I-2 C-I		
R-MF R-G C-R C-MXR B-1 B-2 B-3 C-B C-MXC O-1 C-O-I I-1 I-2 C-I Overlay District, if applicable: Historic S Main St/Hwy 87 E Harden St/Hwy 54 Current Use: Tree farm/vacant land	Describe the purpose of this rezoning request. For Conditional Rezonings, also specify the actual use(s) intended for the property (from Sec. 10.135 Table of Permitted Uses) along with other descriptive or pertinent information, such as number of dwelling units, type of multifamily development, square footage and number of buildings:		
Total Site Acres: Approx 67 acres	Development of industrial property.		
Property Owner: Scott Mayo Properties III LLC			
Mailing Address: 840 Plantation Dr			
City, State, Zip: Burlington, NC 27215			
Applicant			
Property Owner Other William Seymour			
Application for Conditional Rezoning may only be initiated by the owner of a legal interest in all affected property, any person having an interest in the property by reason of written contract with owner, or an agent authorized in writing to act on the owner's behalf. If the applicant for Conditional Rezoning is other than the Property Owner, documentation in compliance with the preceding statement must be provided in order for this application to be complete.			
Name: William Seymour			
Mailing Address: 1007 Battleground Ave, Ste 301			
City, State, Zip: Greensboro, NC 27408	For Conditional Rezonings, this application must be accompanied by a Preliminary Site Plan and supporting		
Phone # (336) 362-0734	information specifying the actual use(s) and any rules,		
Email: bseymour@windsorcommercial.com	regulations or conditions that, in addition to predetermined ordinance requirements, will govern the development and use of the property.		
I have completed this application truthfully and to the best of my ability.	Site Plan Review Application <i>must be attached</i> to this application for Conditional Rezonings		
Signature of Applicant	Office Use Only. DEVID#		

Graham Zoning City of Graham Legend Downtown Historic District **Zoning Districts** R-18 R-15 R-12 R-9 R-7 C-R R-MF R-G C-O-I B-3 B-2 ::::: C-I ::::::: C-MXR C-MXC **Zoning Overlay Districts** /// HD NY PUD \\\\\ HWY-87 OD HWY-54 OD



1 inch = 1,505 feet

Print Date: 5/9/2023



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Debbie Jolly, Secretary

PLANNING BOARD Recommendation & Statement of Consistency

Per NCGS 160D-701, zoning regulations shall be made in accordance with an adopted comprehensive plan and any other officially adopted plan that is applicable. The Planning Board shall advise and comment on whether the proposed amendment is consistent with "The Graham 2035 Comprehensive Plan" and any other officially adopted plan that is applicable. The Planning Board shall provide a written recommendation to the City Council that addresses plan consistency and other matters as deemed appropriate by the Planning Board, but a comment by the Planning Board that a proposed amendment is inconsistent with "The Graham 2035 Comprehensive Plan" shall not preclude consideration or approval of the proposed amendment by the City Council.

0 Kimrey Rd - Scott Mayo (RZ2302)

Type of Request
Rezoning

Meeting Dates

Planning Board on May 16, 2023 City Council on June 13, 2023

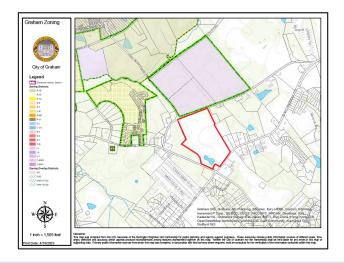
I move to recommend APPROVAL of the application as presented.
I move to recommend DENIAL.
The application is consistent with The Graham 2035 Comprehensive Plan.
The application is not fully consistent with <i>The Graham 2035 Comprehensive Plan</i> .
The action is reasonable and in the public interest for the following reasons:
This report reflects the recommendation of the Planning Board, this the 16th day of May, 2023.
Attest:
Dear Ward
Dean Ward, Planning Board Chairman
Debbie Jolly



SUBJECT:	ANNEXATION OF 68.791 +/- ACRES OFF KIMREY ROAD
PREPARED BY:	CAMERON WEST, PLANNER

REQUESTED ACTION:

Approve the Annexation Ordinance to Extend the Corporate Limits of the City of Graham, North Carolina for a tract of land totaling 68.791-acres off Kimrey Road.



BACKGROUND/SUMMARY:

The attached petition is a request for the Council's approval for an extension of the corporate limits to include the subject properties. The area being considered for annexation is located off of Kimrey Road and contains approximately 68.791-acres total. Water and sewer are located near the property down Governor Scott Farm Road, and the applicants wish to extend the services to tie onto the City's infrastructure.

FISCAL IMPACT:

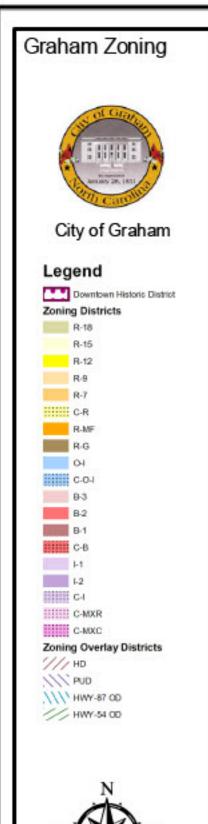
New industrial development generally creates positive tax revenue for the City, and because the public services are being connected at this site, the cost to the City is minimal.

STAFF RECOMMENDATION:

Approval.

SUGGESTED MOTION(S):

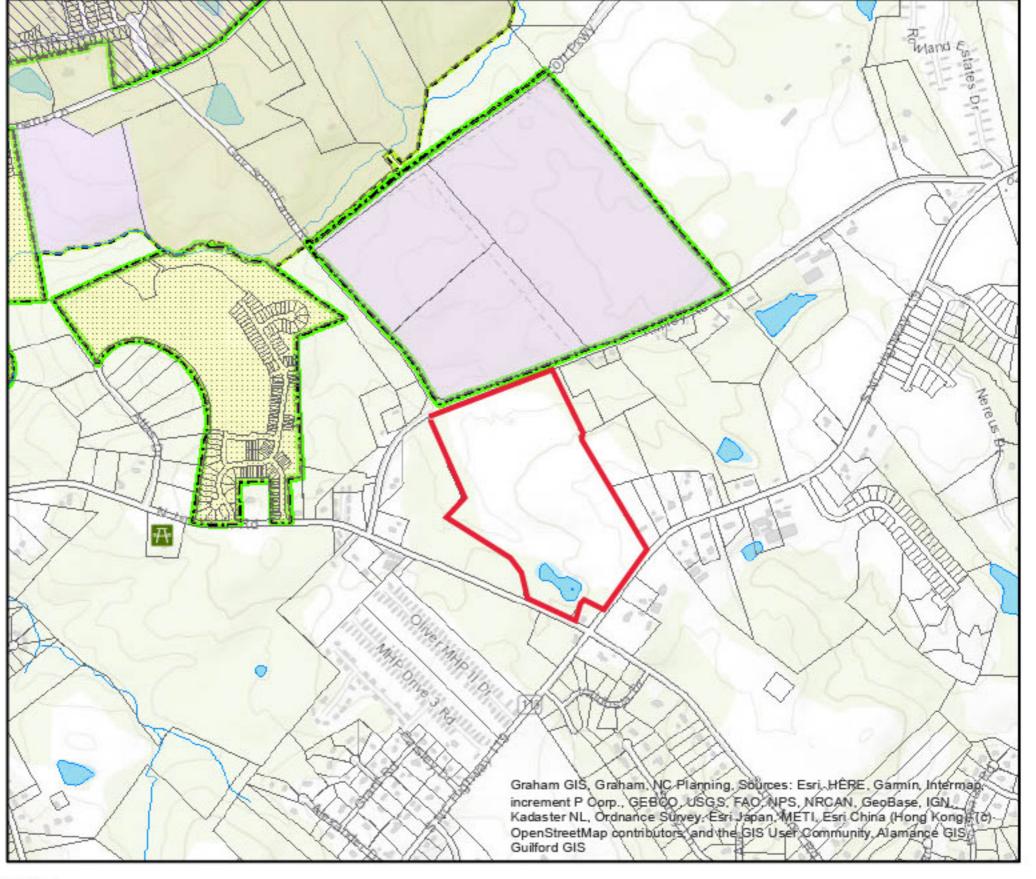
 I move we approve the Annexation Ordinance to Extend the Corporate limits of the City of Graham, North Carolina, for 68.791-acres off Kimrey Road.





1 inch = 1,505 feet

Print Date: 4/19/2023



Disclaimer:

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ANNEXATION ORDINANCE

TO EXTEND THE CORPORATE LIMITS OF THE CITY OF GRAHAM, NORTH CAROLINA FOR A 68.791 ACRE TRACT OF LAND OFF OF KIMREY ROAD (AN2303)

WHEREAS, the Graham City Council has been petitioned under G.S. 160A-31 to annex the area described below; and

WHEREAS, the Graham City Council has by resolution directed the City Clerk to investigate the sufficiency of the petition; and

WHEREAS, the City Clerk has certified the sufficiency of the petition and a public hearing on the question of this annexation was held at City Hall, 201 South Main Street, Graham at 6:00 P.M. on July 11th, 2023, after due notice by publication on June 1st, 2023; and

WHEREAS, the Graham City Council finds that the petition meets the requirements of G.S. 160A-31.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Graham, North Carolina that:

Section 1. By virtue of the authority granted by G.S. 160A-31, the following described territory is hereby annexed and made part of the City of Graham as of July 11, 2023:

Legal Description GPIN#: 9803172212

Legal Description:

Beginning at a 1" existing iron pipe (eip) located within the right-of-way of Kimery Road, S.R. #2125 (a 60' public right-of-way per Plat Book 65, Page 177 and subsequent plats), being in a westerly line of the "249.01 Acres" plot as shown on "Final Plat Property of William C. Scott and Jane M. Scott" as recorded in Plat Book 65, Page 177, said beginning point lying N 26°37′55" E, a horizontal ground distance of 1,279.42' from a North Carolina Geodetic Survey Monument "Kimrey" and beginning point having North American Datum 83(2011) coordinates of N: 836,469.14' and East: 1,900,430.64'; Thence running within the public right-of-way the following two (2) courses and distances: (1) N 63°41′50" E, 42.81' to a non-monumented point, and (2) N 25°46′34" W, 15.73' to an existing magnetic (mag) nail located in the approximate centerline intersection of Kimery Road and Governor Scott Farm Road, S.R. #2124 (a 60' public right-of-way per Plat Book 65, Page 177 and subsequent plats); thence running within the public right-of-way of said Kimery Road and with the approximate centerline of Kimery Road as shown on

"Subdivision for Scott/Mayo Properties II, LLC" and recorded in Plat Book 82, Page 99, the following six (6) courses and distances: (1) N 67°26'34" E, 94.24' to an existing "hole" in asphalt, (2) N 70°25'31" E, 200.03' to an existing mag nail, (3) N 70°24′50″ E, 300.09′ to an existing cut "x" in asphalt, (4) N 70°24′13″ E, 299.93' to an existing mag nail, (5) N 70°40'53" E, 300.01' to an existing mag nail, and (6) N 70°26'15" E, 19.59' to a non-monumented point being the westerly most corner of Lot 1 of "Final Plat James Earl Covington, Jr. and Wife Mary Shaw Covington" as recorded in Plat Book 75, Page 345, thence leaving Kimery Road and running with the westerly line of said Lot 1, S 23°36′55″ E, crossing a 1″ eip at 30.14′ located at the southerly margin of the right-of-way of Kimery Road, and continuing 709.12' for a total distance of 739.26' to a 3/4" eip falling in the northern line of Tract Two of "Final Plat Mary Shaw Covington" as recorded in Plat Book 80, Page 174, thence running with northern and western lines of Tract Two, S 60°46'05" E, 39.98' to a 3/4" eip and S 30°38'54" E, 570.58' to a 3/4" pinched top eip at the northwestern corner of Tract One of Plat Book 80, Page 174; thence running with the western line of Tract One, S 30°41'55" E, crossing an existing stone (at a loose concrete monument) at 733.32' and continuing 20.97' for a total distance of 754.29' to a non-monumented point located within the right-ofway of North Carolina Highway # 119 (a 60' public right-of-way Per Plat Book 65, Page 117); thence running with the approximate center of North Carolina Highway # 119, S 36°52'40" W, 933.84' to a nonmonumented point located near the centerline intersection of North Carolina Highway # 119 and Jim Minor Road, S.R. #2135 (a 60' public right-of-way per Plat Book 65, Page 177); thence running within right-of-way for Jim Minor Road the following two (2) courses and distances: (1) N 66°31′51" W 408.84' to a non-monumented point, and (2) N 66°59'51" W, 281.90' to a non-monumented point; thence leaving the right-of-way of Jim Minor Road and running with the easterly lines of now or formerly Tax Parcel Id: 159467, the Anderson H, Scott, II property as recorded in Deed Book 1369, Page 292: (1) N 06°55′30" W, crossing a 1" eip (pinched top) at 34.70' (being on the northern margin of the right-of way) and continuing 246.80' for a total distance of 281.50' to a 1" eip (pinched top), (2) N 36°48'58" W, 178.20' to a 1" eip (pinched top), (3) N 55°38'03" W, 250.25' to a 1" eip (bent), (4) N 60°44'51" W, 461.70' to a 1" eip (pinched top), 5) N 19°25'52" E, 373.80 to a 1" eip (pinched top) and (6) N 21°48'54" W, 781.52' to the point and place of beginning, containing a total of 68.791 acres more or less, as surveyed by Triad Land Surveying, P.C., on October 5th, 2017, and having job #17136-4.

Being a southerly portion of the same land conveyed to Scott/Mayo Properties III, LLC by instrument recorded in Deed Book 3866, Page 553 and all of the same land conveyed to Scott/Mayo Properties III, LLC by instrument recorded in Deed Book 3953, Page 21.

ALL Deed Book, Plat Book and Page references are to the Alamance County Registry.

Adopted this, the 11th day of July, 2023

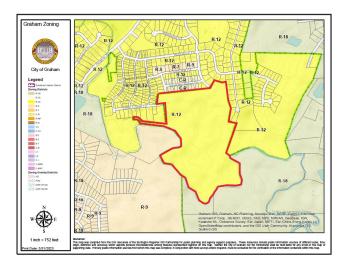
1	
	Jennifer Talley, Mayor, City of Graham
ATTEST:	APPROVED AS TO FORM:
	Bryan Coleman, City Attorney
Renee M. Ward. City Clerk	



SUBJECT:	ANNEXATION OF 57.106 +/- ACRES OFF LITTLE CREEK DRIVE
PREPARED BY:	CAMERON WEST, PLANNER

REQUESTED ACTION:

Approve the Annexation Ordinance to Extend the Corporate Limits of the City of Graham, North Carolina for a tract of land totaling 57.106-acres off Little Creek Drive.



BACKGROUND/SUMMARY:

The attached petition is a request for the Council's approval for an extension of the corporate limits to include the subject properties. The area being considered for annexation is located off of Little Creek Drive and contains approximately 57.106 - acres total. Water and sewer are located near the property along Little Creek Drive, Hanson Lane, and Palmer Drive, and the applicants wish to tie onto the City's infrastructure.

FISCAL IMPACT:

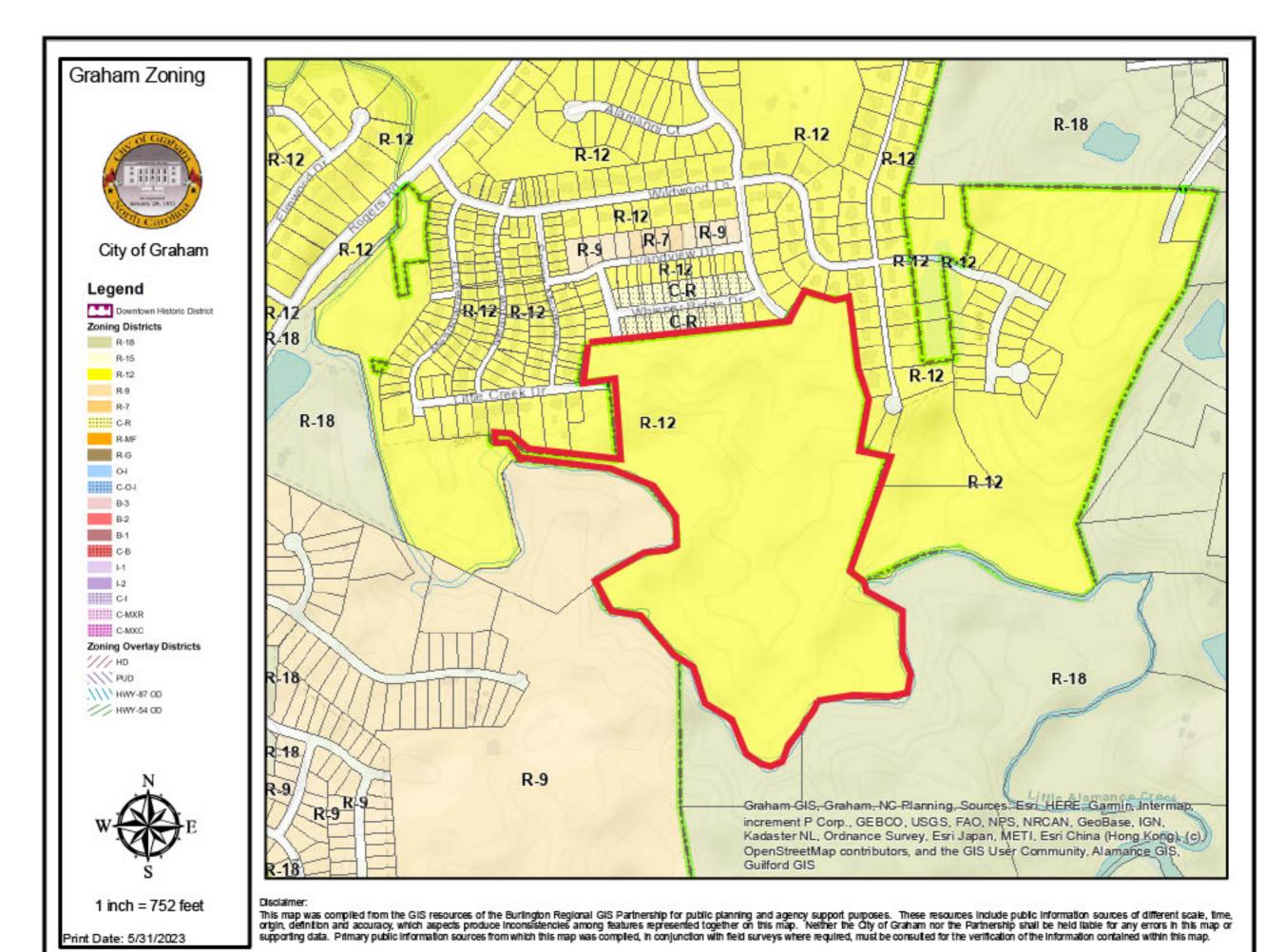
New Residential development generally creates positive tax revenue for the City, and because the public services are being connected at this site, the cost to the City is minimal.

STAFF RECOMMENDATION:

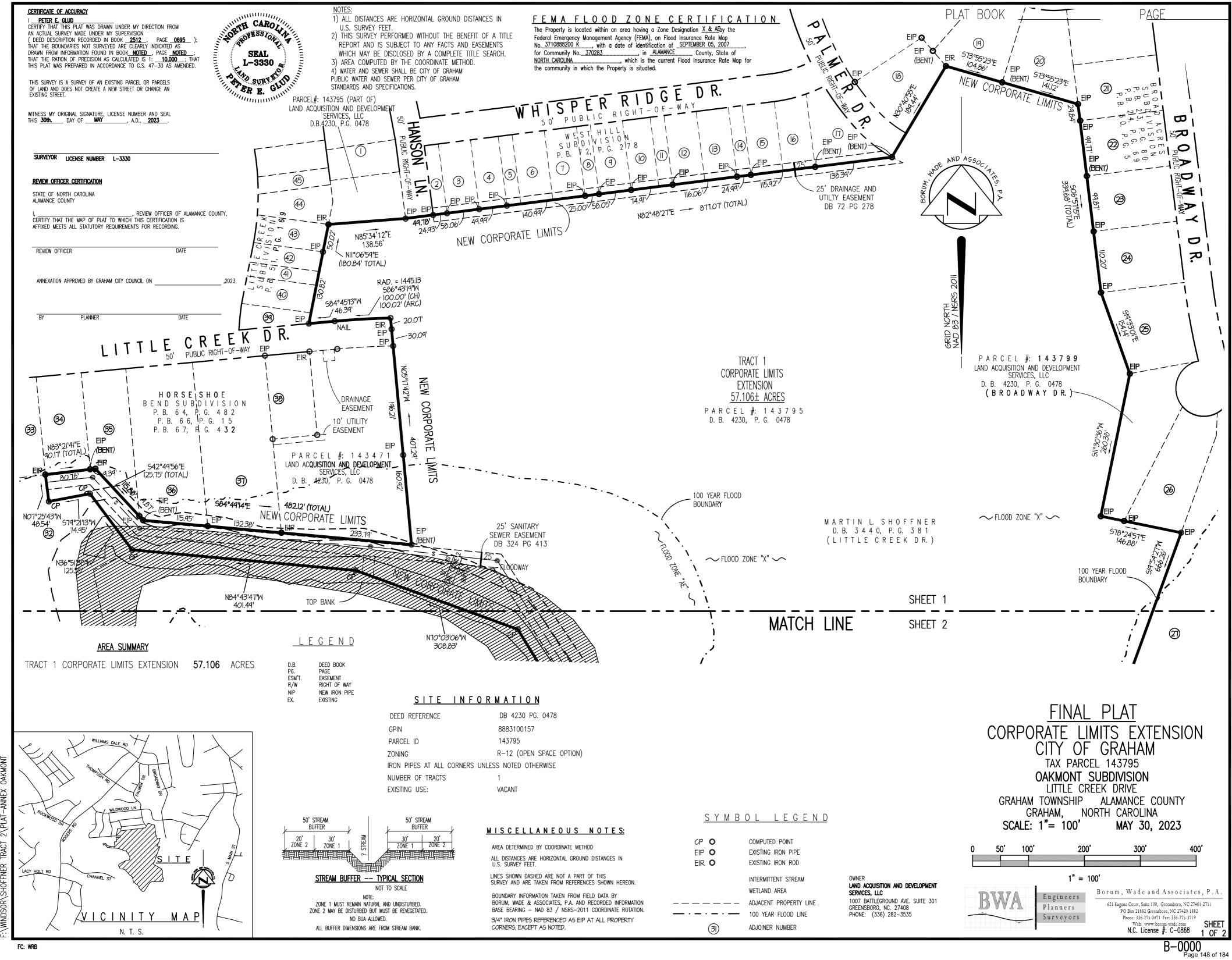
Approval.

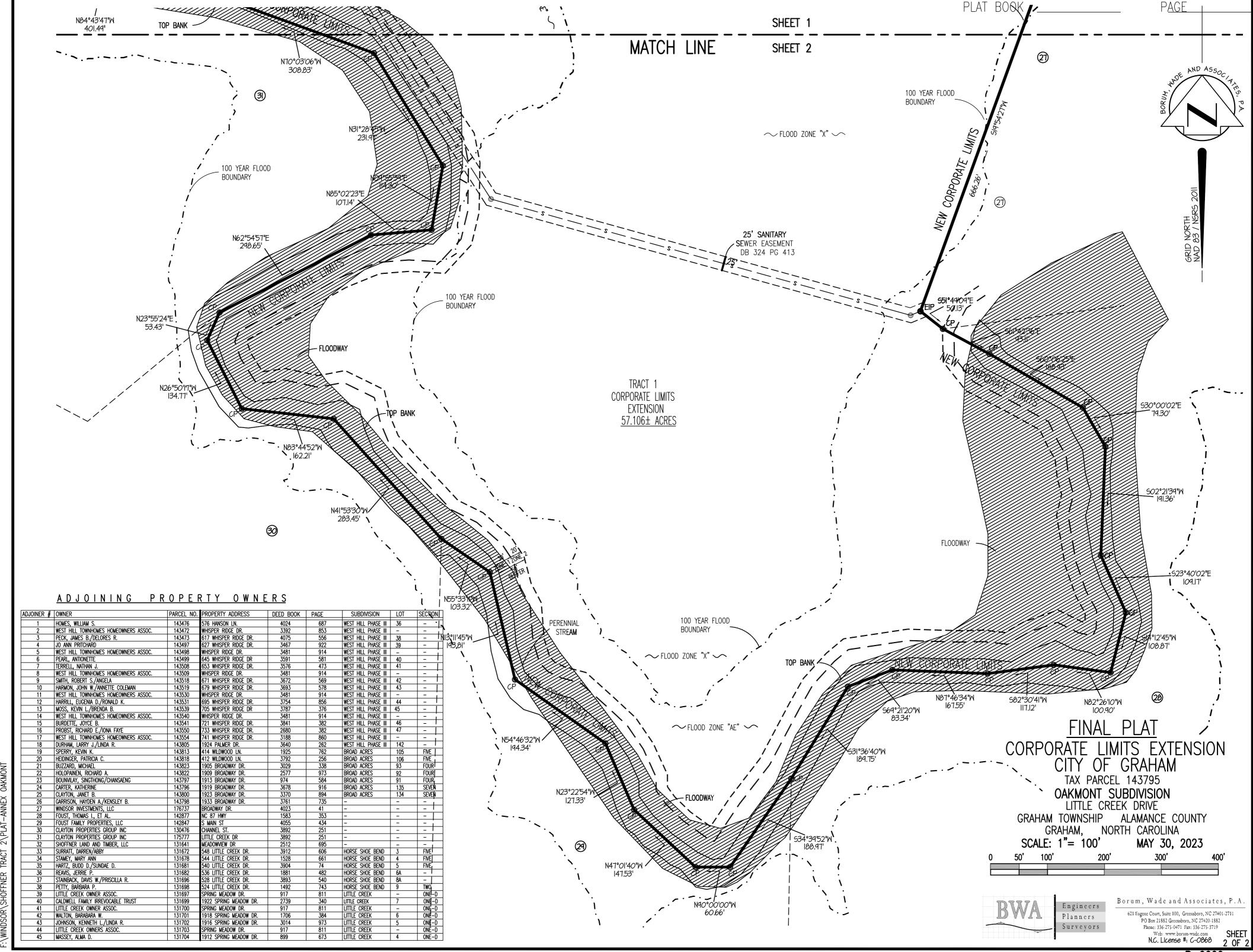
SUGGESTED MOTION(S):

1. I move we approve the Annexation Ordinance to Extend the Corporate limits of the City of Graham, North Carolina, for 57.106 (+/-) acres off Little Creek Drive.



Page 147 of 16





ANNEXATION ORDINANCE

TO EXTEND THE CORPORATE LIMITS OF

THE

CITY OF GRAHAM, NORTH CAROLINA FOR A 57.106 ACRE TRACT OF LAND OFF OF LITTLE CREEK DRIVE (AN2305)

WHEREAS, the Graham City Council has been petitioned under G.S. 160A-31 to annex the area described below; and

WHEREAS, the Graham City Council has by resolution directed the City Clerk to investigate the sufficiency of the petition; and

WHEREAS, the City Clerk has certified the sufficiency of the petition and a public hearing on the question of this annexation was held at City Hall, 201 South Main Street, Graham at 6:00 P.M. on July 11th, 2023, after due notice by publication on June 29th, 2023; and

WHEREAS, the Graham City Council finds that the petition meets the requirements of G.S. 160A-31.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Graham, North Carolina that:

Section 1. By virtue of the authority granted by G.S. 160A-31, the following described territory is hereby annexed and made part of the City of Graham as of July 11th, 2023:

Legal Description GPIN#: 8883100157

Legal Description:

All that certain piece, parcel or tract of land, lying and being 1n the Graham Township, Alamance County, North Carolina, and being more particularly described as follows:

BEGINNING at an existing iron pipe, the southeastern comer of now or formerly, Hayden A Garrison & Kensley B. Garrison (DB 3761, PG 735); thence South 19° 54' 27" West 666.26 feet to an existing iron pipe, at or near the eastern boundary of a 25 foot sanitary sewer easement recorded at Book 324, Page 413, Office of the Register of Deeds of Alamance County; thence South 51 ° 49' 09" East 50.13 feet to a computed point; thence South 61 ° 42' 36" East 93.11 feet to a computed point; thence along Little Alamance Creek the following 27 courses and distances, each to a computed point: 1) South 60° 06' 25" East 188.93 feet; 2) South 30° 00' 02" East 79.30 feet; 3) South 02° 21' 39" West 191.36 feet; 4) South 23° 40' 02" East 109.17 feet; 5) South 14° 12' 45" West 108.97 feet; 6) North 82° 26' 1 0" West 100.90 feet; 7) South 82° 30' 41" West 117.12 feet; 8) North 87° 46' 34" West 167.55 feet;

9) South 69° 21' 20" West 83.34 feet; 10) South 31° 36' 40" West 189.75 feet; 11) South 34° 39' 52" West 188.97 feet; 12) North 90° 00' 00" West 60.66 feet; 13) North 47° 01' 40" West 147.53 feet; 14) North 23° 22' 54" West 127.33 feet; 15)North 54° 46' 32"West 194.34feet; 16) North 13° 11'45"West 193.8lfeet; 17) North 55° 33' 11" West 103.32 feet; 18) North 41 ° 53' 30" West 283.45 feet; 19) North 83° 44' 52" West 162.21 feet; 20) North 26° 50' 17" West 134.77 feet; 21) North 23° 55' 24" East 53.43 feet; 22) North 62° 54' 57" East 298.65 feet; 23) North 85° 02' 23" East 107.14 feet; 24) North 09° 55' 39" East 114.30 feet; 25) North 31° 28' 45" West 231.97 feet; 26) North 70° 03' 06" West 308.83 feet; and 27) North 84° 43' 47" West 401.49 feet; thence North 36° 51' 38" West 125.55 feet to a computed point; thence South 79° 21' 13" West 74.95 feet to a computed point; thence North 07° 25' 43" West 48.54 feet to an existing iron pipe; thence North 83° 21' 41" East 90.17 feet to an existing iron pipe; thence South 42° 49' 56" East 125.75 feet to an existing iron pipe (bent); thence South 84° 49' 14" East 482.12 feet to an existing iron pipe (bent); thence North 05° 17' 42" West 407 .29 feet to an existing iron rod at or near the northern margin of the right of way of Little Creek Drive; thence along the northern margin of the right-of-way of Little Creek Drive, a curve to the left, having a radius of 1,445.13 feet and arc length of 100.02 feet and a chord bearing and distance of South 86° 43' 19" West 100.00 feet to a nail; thence South 84° 45' 13" West 46.39 feet to an existing iron pipe; thence North 11 ° 06' 59" East 180.84 feet to an existing iron pipe; thence North 85° 34' 12" East 138.56 feet to an existing iron pipe at or near the western margin of the right of way of Hanson Lane; thence North 82° 48' 27" East 877.07 feet to an existing iron pipe (bent); thence North 30° 40' 55" East 189.44 feet to an existing iron rod; thence South 73° 55' 23" East 245.98 feet to an existing iron pipe; thence South 06° 57' 15" East 339.68 feet to an existing iron pipe; thence South 19° 33' 01" East 154.14 feet to an existing iron pipe; thence South 11 ° 30' 36" West 260.38 feet to an existing iron pipe; thence South 78° 24' 57" East 146.88 feet to the point and place of BEGINNING, having an area of 57.106 acres, more or less, as shown on that certain Boundary Survey for Windsor Investments, LLC, Shoffner Tract 2, dated March 24, 2021 and prepared by Borum, Wade & Associates, P.A.

Adopted this, the 11 th day of July, 2023	
	Jennifer Talley, Mayor, City of Graham
ATTEST:	APPROVED AS TO FORM:
Renee M. Ward. City Clerk	Bryan Coleman, City Attorney

2023-2024 Boards and Commissions Terms Expiring June 30, 2023, and Current Vacancies July 11, 2023, City Council Agenda

ABC Board - Graham Appointee

Robert Sykes

Request Reappointment

No New Applications

Appearance Commission/Tree Board

Judy Hall Cheryl Ray Request Reappointment Request Reappointment

No New Applications

Graham Historical Museum Board

Chuck Talley
Jeanette Beaudry

Request Reappointment Request Reappointment

Applicant: James Mullen

Graham Housing Authority

Evelyn Graves-Curtis

Request Reappointment

Applicant: Robert Sykes, Lisa Kyle Moser

Historic Resources Commission

Jeanette Beaudry

Request Reappointment

Vacancies - 3

Applicant: Eddie Mercer, Terry Correira

Planning Board/Board of Adjustment

John Wooten Eric Crissman Request Reappointment

Crissman Request Reappointment

Charles Huffine (Extra-Territorial) Recommendation to Alamance County

Applicant: Jeanette Beaudry, Terry Correira, James Mullen, James Stockert

Recreation Commission

Casey Johnson Brian Cutlip Carmen Larimore Request Reappointment Request Reappointment Request Reappointment

Applicant: Benjamin Beushausen, Patrick Burnette



Name: Jeanette Beaudy Email Address: Jeanette beaudry @ yahoo			
Home Address: 308 East Havden Mailing Address:			
City, State, Zip: Waham, NE 2NE City, State, Zip:			
Home Phone: 376-269-7902 Alternate Phone:			
Please list the board(s) and/or commissions on which you are currently serving:			
Historic Resources Commission, Historical Museum Board			
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board Historical Museum Advisory Board			
Appearance/Tree Commission Historic Resources Commission			
Canine Review Board Planning Board/Board of Adjustment			
Graham Housing Authority Recreation Commission			
Library Committee (Alamance County) Economic Development & Marketing Committee			
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Klived			
Employer address: City, State, Zip:			
Job title and description of responsibilities:			

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	Critical Thinking	
Architecture	Graphic Design		
Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
🔀 Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other: Real Estate Broke	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying?			
band for several terms www.and bird them interesting in their work, and missions in the community. But have always wanted to serve on Pluning Propring ble of its impact on the			
Have you attended a meetin you are applying?	g of the board(s) and/or con	nmission(s) for which/Ill	
you are applying.		Yes No trasmin	
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying? Yes No			
Additional relevant information	:	For City Clerk Use Only Date Received:	
		APR 17 2023	
		CITY OF GRAHAM	
		OTT OF CITATIAN	

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, Neg 27525384



Name: Benjamin Beushausen	Email Address: <u>benwhitelist@gmail.com</u>		
Home Address: 1107 E. Gilbreath St.	Mailing Address: — Same —		
City, State, Zip: Circham, NC 27253			
Home Phone: 417-576-6458	Alternate Phone:		
Please list the board(s) and/or commissions on which you are currently serving:			
NA			
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Apex / Sterbucks Employer address: 4400 Cox Road City, State, Zip: GrenAllen, VA 23060			
Job title and description of responsibilities:			
Financial Analysis. Vendor Relations, Billing Summaries. Contract Request Processing. Report Building.			

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	Critical Thinking	
Architecture	☑ Graphic Design	□ Data Analysis	
Kesearch		Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development		
Event Planning		Conflict Resolution	
Landscape Design	Athletics/Sports	☑ Time Management	
Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying?			
I have a varied background in many industries (Finance, Planning, retail, logistics, management, etc.) I have lined in many states and cities and have different perspectives because of that. I enjoy being involved and helping the ecommunity to grow I am reliable and will see things through.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying? Yes No			
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying? Yes No			
commission(s) for which you			
commission(s) for which you Additional relevant information	are applying?	Yes No	
	are applying?		
	are applying?	Yes No For City Clerk Use Only	

Thank you for your interest in the City of Graham's boards and commissions. Submit this Mapplication by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk P.O. Drawer 357, Graham, NC, 27253



Name: Patrick Burnette	_Email Address:		
Home Address: 419 Ashburn St.	Mailing Address: 419 Ashburn St.		
City, State, Zip: Graham NC 27253	City, State, Zip: Graham NC 27253		
Home Phone: 3365709040	Alternate Phone: 919244 4265		
Please list the board(s) and/or commissions on which you are currently serving:			
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: <u>The Redwoods Oroup</u> Employer address: <u>600 Park Offices Dr. 5te</u> 300ty, State, Zip: <u>Durham, NC 27709</u>			
Job title and description of responsibilities:			
Digital Marketing System Specialist			
Responsible for company website functionality, email marketing systems, customer relationship management system, company social media platforms.			

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	Critical Thinking	
Architecture	Graphic Design	Data Analysis	
ズ Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
📈 Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other:	
X Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying? I have been a resident of Braham for thirty years. I have seen the growth of this town and it's Communities. I have also seen the growth of the available recreational choices in Graham. I utilize the Bill Cooke Park on a daily basis. I think I can bring a positive perspective to the commission. I have experience in			
Social media, event planning, data analysis and using the recreation facilities in the city of oper Braham.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying? Yes No			
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying?			
Additional relevant information	:		
		For City Clerk Use Only Date Received:	
		JUN 3 0 2023	
		CITY OF GRAHAM	

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NE,92725384



Name: Terry Correira	_ <i>Email Address:</i> terrycorreira@gmail.com		
Home Address: 102 Haley Ct.	_ <i>Mailing Address:</i> 102 Haley Ct.		
City, State, Zip: Graham	City, State, Zip: Graham, NC 27253		
Home Phone: N/Q	Alternate Phone: 9192598754		
Please list the board(s) and/or commissions on			
Please select up to, two (2) boards and/or comwhich you would like to be considered and indiselection (1 = first choice and 2 = second choice	icate your preference for each		
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Retired			
Employer address:			
Job title and description of responsibilities:	City, State, Zip:		

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences			
would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal		Critical Thinking
Architecture	Graphic Design		Data Analysis
Research	Creativity		Active-Listening
Program Development	Marketing/Social Media		Effective Communication
Historical Preservation	Economic Development		Education & Outreach
Event Planning	Community Organizing		Conflict Resolution
Landscape Design	Athletics/Sports		Time Management
☐ Gardener/Arborist	Problem Solving		Other:
Adaptability	xx Interpersonal Skills		
I am a good listener and am courteous and respectfull. I will keep an open mind. I love the City of Graham and want to help preserve the old town feeling.			
Have you attended a meeting of the board(s) and/or commission(s) for which			
you are applying? Yes X No			
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying?			
Additional relevant information:			For City Clerk Use Only Date Received:
			RECEIVED
			JUN 3 0 2023
			01291

Thank you for your interest in the City of Graham's boards and commissions. Submit M this application by email to: dterrell@cityofgraham.com, in person to: City Clerk's Office at 201 South Main Street, or by mail to: City Clerk P.O. Drawer 357, Graham, NG-27253_{f 184}



Name: Eric Crissman	Email Address: ejcrissman@gmail.com		
Home Address: 208 Albright Avenue	_ Mailing Address:		
City, State, Zip: Graham NC 27253	_ City, State, Zip:		
Home Phone: 336-684-1324	Alternate Phone:		
Please list the board(s) and/or commissions on which you are currently serving: Planning Board/Board of Adjustment			
Training Board/Board of Adjustitions			
Please select up to, two (2) boards and/or con which you would like to be considered and ind selection (1 = first choice and 2 = second choice	licate your preference for each		
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	1 Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Retired			
Employer address:			
Job title and description of responsibilities:	City, State, Zip:		
Manufacturing and Distribution Center Manager			
3	Č		

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	, e ap	Critical Thinking
Architecture	Graphic Design		Data Analysis
Research	Creativity		Active-Listening
Program Development	Marketing/Social Media		Effective Communication
Historical Preservation	Economic Development		Education & Outreach
Event Planning	Community Organizing		Conflict Resolution
Landscape Design	Athletics/Sports		Time Management
Gardener/Arborist	Problem Solving		Other:
Adaptability	× Interpersonal Skills		
I am currently serving as Vice Chair of the Planning Board/Board of Adjustment and have been an active and willing participant in board discussions and decisions. I would appreciate the opportunity to continue to serve the city and citizens of Graham in this capacity.			
lave you attended a meetin you are applying?	g of the board(s) and/or com	ımiss	ion(s) for which × Yes No
Have you met with the chain commission(s) for which you	rperson or Staff Liaison of the are applying?	e boo	x Yes No
Additional relevant information:	_		For City Clerk Use Only
Graham native, col			Date Received:
Navy veteran, activ			APR 0 3 2023
Methodist Church (Graham		CITY OF GRAHAM

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: dterrell@cityofgraham.com, in person to: City Clerk's Office at 201 South Main Street, or by mail to: City Clerk P.O. Drawer 357, Graham, NC9216365184



Name: Brian Cutlio	_Email Address: bC while Odieselegaje met. con
Home Address: 1504 Broadway Prive	Mailing Address:
City, State, Zip: Grafam NC 27153	City, State, Zip:
Home Phone: 336-260-1261	_ Alternate Phone:
Please list the board(s) and/or commissions on	which you are currently serving:
Recreation Connission	
Please select up to, two (2) boards and/or comwhich you would like to be considered and indiselection (1 = first choice and 2 = second choice	icate your preference for each
Alcohol Beverage Control Board	Historical Museum Advisory Board
Appearance/Tree Commission	Historic Resources Commission
Canine Review Board	Planning Board/Board of Adjustment
Graham Housing Authority	Recreation Commission
Library Committee (Alamance County)	Economic Development & Marketing Committee
Note: If you wish to change your selections for desing will need to file a new application with the City Clerk. will be presented to City Council.	
RELEVANT EXPERIENCE	
Current employer/retired: <u>Diese/ Equipme</u> Employer address: 212 Afwell Avर	City, State, Zip: Green bon NC 27406
Job title and description of responsibilities:	
Auchary Manger Prochese All	Items in our Company

Which of the following relevences would you bring applying (select all that app	vant knowledge, skills, abilities to the board(s) or commissic ly):	s, interest, and/or on(s) to which you are	
History	Legal		
Architecture	Graphic Design	Data Analysis	
Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying? My Trislivenent in the Commisty I have couched fears in Graham for over Doyens.			
Grahan for over	ov years.		
Have you attended a meeting of the board(s) and/or commission(s) for which			
you are applying?		Yes No	
Have you met with the chai commission(s) for which you	rperson or Staff Liaison of the are applying?	e board(s) and/or Yes No	
Additional relevant information		For City Clerk Use Only	
I've Been on the R	ec Commission for many	Date Received: RECEIVED	
		APR 1 2 2023	
		CITY OF GRAHAM	

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NC, 27253



Name: Evelyn Graves-Curtis	_ <i>Email Address:</i> _gravescurtis7@yahoo.com
Home Address: 1811 Meadowview Drive	Mailing Address: Same
City, State, Zip: Graham, NC 27253	City, State, Zip:
Home Phone: 336-264-9373	Alternate Phone:
Please list the board(s) and/or commissions on	which you are currently serving:
Graham Housing Authority	
Please select up to, two (2) boards and/or comwhich you would like to be considered and indiselection (1 = first choice and 2 = second choice	icate your preference for each
Alcohol Beverage Control Board	Historical Museum Advisory Board
Appearance/Tree Commission	Historic Resources Commission
Canine Review Board	Planning Board/Board of Adjustment
Graham Housing Authority	Recreation Commission
Library Committee (Alamance County)	Economic Development & Marketing Committee
Note: If you wish to change your selections for desir will need to file a new application with the City Clerk. will be presented to City Council.	
RELEVANT EXPERIENCE	
Current employer/retired:	
Employer address:	City, State, Zip:
Job title and description of responsibilities:	

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
apply	ng (select all that app	ly):	non(s) to which you are
	History	Legal	✓ Critical Thinking
	Architecture	Graphic Design	Data Analysis
	Research	Creativity	✓ Active-Listening
\checkmark	Program Development	Marketing/Social Media	Effective Communication
	Historical Preservation	Economic Development	√ Education & Outreach
	Event Planning	Community Organizing	✓ Conflict Resolution
	Landscape Design	Athletics/Sports	Time Management
	Gardener/Arborist	✓ Problem Solving	Other:
	Adaptability	Interpersonal Skills	
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying?			
I believe I will be an asset to the Board, because I have previously sewed as Board of Commissioner and chair person for Burlington Housing Authority. I have attended numerous housing trainings and try to stay current on local and state housing issues. I currently volunteer for a Nov-profit as Housing Program Cooldinator.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying?			
ou un	е аррунід :		√ Yes No
		rperson or Staff Liaison of th	he board(s) and/or
commi	ssion(s) for which you	are applying?	✓ Yes No
Additio	onal relevant information:	:	For City Clerk Use Only
			Date Received:
			APR 17 2023
			CITY OF CDAHAM
			UIT UI UITATIAN

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NG_{ag}27253₁₈₄



Name: JUDY HALL Email Address: cheapshoper 49@gmail. Com	
Home Address: 2501 (PODE) TO NEUR. Mailing Address: SAM	
City, State, Zip: Utaham, NC 21253 City, State, Zip:	
Home Phone: 336-260-1504 Alternate Phone:	
Please list the board(s) and/or commissions on which you are currently serving:	
Apperence Tree Bosep	
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):	
Alcohol Beverage Control Board Historical Museum Advisory Board	
Appearance/Tree Commission Historic Resources Commission	
Canine Review Board Planning Board/Board of Adjustment	
Graham Housing Authority Recreation Commission	
Library Committee (Alamance County) Economic Development & Marketing Committee	
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.	
RELEVANT EXPERIENCE Current employer/retired: Retired R.N.	
Employer address: City, State, Zip:	
ob title and description of responsibilities:	

applying (select all that app	to the board(s) or commissionly):	on(s) to which you are
History	Legal	Critical Thinking
Architecture	Graphic Design	Data Analysis
Research	Creativity	-Active-Listening
Program Development	Marketing/Social Media	Effective Communication
Historical Preservation	Economic Development	Education & Outreach
Event Planning	Community Organizing	Conflict Resolution
Landscape Design	Athletics/Sports	Time Management
☐ Gardener/Arborist	Problem Solving	Other:
Adaptability	Interpersonal Skills	
I currently 5 BOARD for the	erve on the Lepast 2 years.	ppeavance Mee
d		1
you are applying? Have you met with the chai.	g of the board(s) and/or com rperson or Staff Liaison of the are applying?	Yes No
you are applying? Have you met with the chai.	person or Staff Liaison of the are applying?	Yes No s board(s) and/or Yes No
you are applying? Have you met with the chai commission(s) for which you	person or Staff Liaison of the are applying?	Yes No

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at ward@cityofgraham.com or in person to: City Glerks | AM Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NC, 27253

Cally 2015 City Altrant



Name: FDDIE Mencer	Email Address:
Home Address: 830 MONDE HOLT Rd	Mailing Address: Stame
, , , , , , , , , , , , , , , , , , , ,	City, State, Zip: NC27253
Home Phone: 252-290-0058	_ Alternate Phone:
Please list the board(s) and/or commissions on	which you are currently serving:
None	
Please select up to, two (2) boards and/or com which you would like to be considered and indi selection (1 = first choice and 2 = second choice	icate your preference for each
Alcohol Beverage Control Board	Historical Museum Advisory Board
Appearance/Tree Commission	Historic Resources Commission
Canine Review Board	Planning Board/Board of Adjustment
Graham Housing Authority	Recreation Commission
Library Committee (Alamance County)	Economic Development & Marketing Committee
Note: If you wish to change your selections for desir will need to file a new application with the City Clerk. will be presented to City Council.	
RELEVANT EXPERIENCE	
Current employer/retired: Retired	
	City, State, Zip:
Job title and description of responsibilities:	

	vant knowledge, skills, abilities to the board(s) or commission ly):	
₽ >History	Legal	Critical Thinking
Architecture	Graphic Design	Data Analysis
Research	Creativity	Active-Listening
Program Development	Marketing/Social Media	Effective Communication
Historical Preservation	Economic Development	Education & Outreach
Event Planning	Community Organizing	Conflict Resolution
Landscape Design	Athletics/Sports	Time Management
Gardener/Arborist	Problem Solving	Other:
Adaptability	Interpersonal Skills	
Come book to	Insit or line	De will wont to
you are applying?	g of the board(s) and/or com	
Have you met with the chair, commission(s) for which you	person or Staff Liaison of the are applying?	board(s) and/or Yes No
Additional relevant information:	s 1	For City Clerk Use Only
	nji star? grf.	Date Received: RECEIVED
		JUN 0 5 2023
		THE ASSESSED

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NC_{ag}27253₁₈₄



1 3 1 3 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1
Name: LISA Kyle MOSEV Email Address: LISAKYLE UNLINE & Jahoo. 40 n. Home Address: 217 Guthrie, Sk. Mailing Address: 217 Guthrie Sk. City, State, Zip: Graham NC 27253 City, State, Zip: Graham NC 21253 Home Phone: (334) 213-(133) Alternate Phone: Na
Please list the board(s) and/or commissions on which you are currently serving:
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):
Alcohol Beverage Control Board Historical Museum Advisory Board
Appearance/Tree Commission Historic Resources Commission
Canine Review Board Planning Board/Board of Adjustment
Graham Housing Authority Recreation Commission
Library Committee (Alamance County) Economic Development & Marketing Committee
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.
RELEVANT EXPERIENCE - Doughter of Suranney Moser & Longest of
Current employer/retired: <u>Self-employed musician</u> /pk mst. <u>State</u> Employer address: <u>101 N. Maple Sk.</u> City, State, Zip: <u>Glaham NC</u> 21253
Job title and description of responsibilities:
partime manager/hostess/bartending Uplaing & closing facility All in house operations Morketing/social media/advertising/customer relations

Which of the following relevences would you bring applying (select all that app	vant knowledge, skills, abilities to the board(s) or commissic ly):	s, interest, and/or on(s) to which you are
History	Legal	Critical Thinking
Architecture	Graphic Design	Data Analysis
Research		Active-Listening
Program Development	Marketing/Social Media	Effective Communication
Historical Preservation	Economic Development	Education & Outreach
Event Planning	Community Organizing	Conflict Resolution
Landscape Design	Athletics/Sports	Time Management
Gardener/Arborist	Problem Solving	Other:
✓ Adaptability	∠ -Interpersonal Skills	
commission(s) to which you		
Moser has sen for most of m and always bee	a household with business. My mo ved as a commis y life. I have at 20 Do very interest ion. It would give arry on my amozing	other Suzanne V. Stillner in the GHA ended many meetings ed in all the aspects
Have you attended a meetin you are applying?	g of the board(s) and/or com	mission(s) for which
you are applying:		Ves No
Have you met with the chair commission(s) for which you	person or Staff Liaison of the are applying?	board(s) and/or Yes No
Additional relevant information:		For City Clerk Use Only
LOW WORKING WITH	so a good cooperative-	Date Received:
Lhove organized norganizations	ds-music benefits nany to help local i	JUN 0 5 2023
		UI UI GIATIANI

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk P.O. Drawer 357, Graham, NC, 27253



Name: James Mullen Email Address: jimmullen 44@gman
Home Address: 306 Kim Dr Mailing Address: Same
City, State, Zip: Graham NG27253City, State, Zip:
Home Phone: 828 200-9/68 Alternate Phone:
Please list the board(s) and/or commissions on which you are currently serving:
None
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):
Alcohol Beverage Control Board Historical Museum Advisory Board
Appearance/Tree Commission Historic Resources Commission
Canine Review Board Planning Board/Board of Adjustment
Graham Housing Authority Recreation Commission
Library Committee (Alamance County) Economic Development & Marketing Committee
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.
RELEVANT EXPERIENCE
Current employer/retired: <u>Retired Banken</u>
Employer address: City, State, Zip:
Job title and description of responsibilities:
40+ years in banking & finance
National Bank Excesinere, Bank President Chairman Chamber of Commerce Highlands, NC.
Chairman Chamber of Commerce Rigulands, WC.

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	Critical Thinking	
Architecture	Graphic Design	Data Analysis	
Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media		
Historical Preservation	Economic Development	Education & Outreach	
Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
My background of finalial regulation, working with borrowers of all types, and civic, economic, and community history			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying? Yes No			
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying?			
Additional relevant information		For City Clerk Use Only	
		Date Received:	
		RECEIVED JUN 3 0 2023	
		JUN 3 0 2023	

Thank you for your interest in the City of Graham's boards and commissions. Submit this M application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, Ne. 27/2534



Name: Cheryl Ray	Email Address: CherylRayPhr@gmail.com		
Home Address: 1183 Jersey Street	Mailing Address:		
City, State, Zip: Haw River, NC 27258	City, State, Zip:		
Home Phone: 919-619-6201	Alternate Phone:		
Please list the board(s) and/or commissions on	which you are currently serving:		
Alamance County HR Association - President, Alamance County Service League (Member), Master Gardener (Alamance Cooperative Extension), Alamance Arts (Board Member)			
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board	Historical Museum Advisory Board		
X Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Alamance County Government Employer address: 124 West Elm Street City, State, Zip: Graham, NC 27253			
Job title and description of responsibilities:			
HR Director - Responsible for HR related functions including benefits, recruitment, employee relations, compensation and safety. Alamanc			

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	Critical Thinking	
Architecture	Graphic Design	Data Analysis	
Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
■ Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying? I was a recipient of a past Residential Beautification Award. I'm interested in continuing to serve Graham via this Board with a goal of helping to make Graham more attractive and an inviting community.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying?			
		x Yes No	
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying?			
Additional relevant information	<u>.</u>		
		For City Clerk Use Only Date Received:	
		APR 0 6 2023	
		CITY OF GRAHAM	

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, NG_P27253184



The following application is used by the Graham City Council to identify individuals interested in serving on a City board or commission. To ensure that your application will receive full consideration, please answer all questions completely. For more information and details about each board, please visit cityofgraham.com/boards-commissions

Name: James Stockert	Email Address: jjstockert@gmail.com		
Home Address: 243 Shea Court	Mailing Address: 243 Shea Court		
City, State, Zip: Graham	City, State, Zip: NC		
Home Phone: 336-909-3913	Alternate Phone: <u>336-940-8184</u>		
Please list the board(s) and/or commissions on	which you are currently serving:		
None			
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Retired/Davie Co Deputy Mgr			
Employer address: City, State, Zip:			
Job title and description of responsibilities:			

Retired from Davie County Gov as Deputy Co Mgr. with 27 years of service. Also served 20+ years as Chief Finance Officer and Chief Budget Officer. Help manage 20 county gov. departments. Also attended many Planning Board and Board of Adj meetings in Davie Co while in those roles.

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences			
	r) or commission(s) to which you a	ire ap	
History	Legal		Critical Thinking
Architecture	Graphic Design		Data Analysis
Research	Creativity		Active-Listening
Program Development	Marketing/Social Media		Effective Communication
Historical Preservation	Economic Development		Education & Outreach
Event Planning	Community Organizing		Conflict Resolution
Landscape Design	Athletics/Sports		Time Management
Gardener/Arborist	Problem Solving		Other:
Adaptability	Interpersonal Skills		
Having spent 27 years in county government working with both county and city boards, I believe I have a prespective of what govt does and how it should work to solve problems and empower citizens to better themselves.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying? Yes × No Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying? Yes × No			
Addition of subsection is			For City Clerk Use Only
Additional relevant information: Applying at the req Graham City Coun experience may as	uest of Bobby Chin, cil who thinks my		Date Received: RECEIVED JUN 3 0 2023
experience may as	Sist Granani.	_	CITY OF GRAHAM

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: dterrell@cityofgraham.com, in person to: City Clerk's Office at 201 South Main Street, or by mail to: City Clerk P.O. Drawer 357, Graham, NC-27253_{f 184}



. (of)

	Bagger Kover			
Name: Robert F. Sykis En	mail Address: Adda Syks 42 6MA			
1 20 100 0 010 0	Mailing Address: 5000			
City, State, Zip: CAPLAM NO. Ci	ity, State, Zip: Spyk			
Home Phone: 336 -2786128 A	Mternate Phone: 336 263-1130			
Please list the board(s) and/or commissions on w	hich you are currently serving:			
ABC BOARD				
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):				
Alcohol Beverage Control Board	Historical Museum Advisory Board			
Appearance/Tree Commission	Historic Resources Commission			
Canine Review Board	Planning Board/Board of Adjustment			
Graham Housing Authority	Recreation Commission			
Library Committee (Alamance County) Economic Development & Marketing Committee				
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.				
RELEVANT EXPERIENCE				
Current employer/retired: Actificial				
Employer address: Cit	ty, State, Zip:			
Job title and description of responsibilities:				

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
M History	Legal	Critical Thinking	
Architecture	Graphic Design	Data Analysis	
₩ Research	V Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying? I have been on asset to the board(s) and/or commission(s) to which you are applying? I have been plus years I have			
Have you attended a meeting of the board(s) and/or commission(s) for which			
you are applying?		Yes No	
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying?			
commission(s) for which you	are applying!	Yes No	
Additional relevant information:		For City Clerk Use Only	
		Date Received: RECEIVED	
		MAR 2.7 2023	

Thank you for your interest in the City of Graham's boards and commissions. Submit this application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk's Office | 201 South Main Street | or mail to: City Clerk P.O. Drawer 357, Graham, Ne392785384

THE STATION

VOLUNTEER BOARD & COMMISSION APPLICATION



Name: William G. Talley Email Address: Officeadnin @friader. Co				
Home Address: 808 Sideview Mailing Address: P.O. Box 872				
City, State, Zip: Graham, NC 27253 City, State, Zip: Graham, NC. 27253				
Home Phone: 336-916-7036 Alternate Phone: 336-329-4225				
Please list the board(s) and/or commissions on which you are currently serving:				
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):				
Alcohol Beverage Control Board Historical Museum Advisory Board				
Appearance/Tree Commission Historic Resources Commission				
Canine Review Board Planning Board/Board of Adjustment				
Graham Housing Authority Recreation Commission				
Library Committee (Alamance County) Economic Development & Marketing Committee				
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.				
RELEVANT EXPERIENCE				
Current employer/retired: EP Gates Controction + Realty Employer address: 7 SECTSO, #100 City, State, Zip: Graham, NC 27253				
Job title and description of responsibilities:				
Owner/General Contractor				

Which of the following relevences would you bring applying (select all that app	vant knowledge, skills, abilities to the board(s) or commission ly):	s, interest, and/or on(s) to which you are
History	Legal	Critical Thinking
Architecture	Graphic Design	Data Analysis
Research	Creativity	Active-Listening
Program Development	Marketing/Social Media	Effective Communication
Historical Preservation	Economic Development	Education & Outreach
Event Planning	Community Organizing	Conflict Resolution
Landscape Design	Athletics/Sports	☐ Time Management
Gardener/Arborist	Problem Solving	Other:
	Interpersonal Skills	
Have you attended a meet.	ne applying?	mmission(s) for which
you are applying?		Yes No
Have you met with the cho commission(s) for which you	airperson or Staff Liaison of th u are applying?	he board(s) and/or Yes No
Additional relevant informatic	on:	For City Clerk Use Only
		Date Received: NECEIVED
* .		APR 0 6 2023
Poned	the City of Graham's boards a Ward at <u>rward@cityofgraham</u> t l'or mail to: City Glerk P.O. D.	nd commissions. Submit this n <u>com</u> or in person to: City Clerk's rawer 357, Graham, NC, 27253

Page 182 of 184



Name: John Wooten	Email Address: phnumostenestastmail.co.		
Home Address: 387 CAROLINA CIRcle	Mailing Address: SAme		
City, State, Zip: GRALAM NC 27953	City, State, Zip:		
Home Phone: 336-266-9948	Alternate Phone: NONE		
Please list the board(s) and/or commissions on	which you are currently serving:		
Planning BOARD/BOARD of Ad	justment		
Please select up to, two (2) boards and/or commissions from the list below for which you would like to be considered and indicate your preference for each selection (1 = first choice and 2 = second choice):			
Alcohol Beverage Control Board	Historical Museum Advisory Board		
Appearance/Tree Commission	Historic Resources Commission		
Canine Review Board	Planning Board/Board of Adjustment		
Graham Housing Authority	Recreation Commission		
Library Committee (Alamance County)	Economic Development & Marketing Committee		
Note: If you wish to change your selections for desired board(s) and/or commission(s) you will need to file a new application with the City Clerk. Only the most recent application on file will be presented to City Council.			
RELEVANT EXPERIENCE			
Current employer/retired: Retired Employer address: City, State, Zip:			
Job title and description of responsibilities:			

Which of the following relevant knowledge, skills, abilities, interest, and/or experiences would you bring to the board(s) or commission(s) to which you are applying (select all that apply):			
History	Legal	2 Critical Thinking	
Architecture	Graphic Design	Data Analysis	
Research	Creativity	Active-Listening	
Program Development	Marketing/Social Media	Effective Communication	
Historical Preservation	Economic Development	Education & Outreach	
Event Planning	Community Organizing	Conflict Resolution	
Landscape Design	Athletics/Sports	Time Management	
Gardener/Arborist	Problem Solving	Other:	
Adaptability	Interpersonal Skills		
Why do you believe you would be an asset to the board(s) and/or commission(s) to which you are applying? I bring a varied work experience having been employed in the financial, manufacturing, governmental, and high tech sectors of the economy. My background includes project management, teaching/teaining staff, communications, and team building. I amdetail oriented impartial, diligent, and objective. I listen well and seek to be cooperative when appropriate and obstinate if necessary. I have also served on the planening board for the last two years.			
Have you attended a meeting of the board(s) and/or commission(s) for which you are applying?			
		Ves No	
Have you met with the chairperson or Staff Liaison of the board(s) and/or commission(s) for which you are applying? Yes No			
Additional relevant information:			
		For City Clerk Use Only Date Received:	
		RECEIVED	
		MAR 2.7. 2023	
		£U£U	

Thank you for your interest in the City of Graham's boards and commission and commission application by email to: Renee Ward at rward@cityofgraham.com or in person to: City Clerk P.O. Drawer 357, Graham, NC, 27253