# **REQUEST FOR COMMITTEE ACTION**

# HENDERSON COUNTY TECHINCAL REVIEW COMMITTEE

# MEETING DATE: May 17, 2022

# SUBJECT: Combined Master and Development Plan for Lorena Woods Major Subdivision (2022-04-M)

## STAFF CONTACT: Matt Champion, Zoning Administrator

# ATTACHMENTS: 1. Staff Report

- 2. Combined Master & Development Plan
- 3. Application

# **SUMMARY OF REQUEST:**

A subdivision application was submitted on behalf of the property owner Call, McCrae, and Smith LLC on May 3, 2022. The application is for a Master and Development Plan for Lorena Woods Major Subdivision, consisting of 14 lots for single family dwellings and 1,414 linear feet of new private roadway. The subject area is located off Clark Road (SR 1725) and contains 14.62 acres.

# **TECHNICAL REVIEW COMMITTEE ACTION REQUESTED:**

Staff has found that the Master and Development Plan meet the standards of the subdivision regulations of Chapter 42, Henderson County Land Development Code (LDC). Staff recommends the Master Plan and Development Plan be subject to the developer addressing any issues raised by the TRC and addressing the comments listed in the Staff Report.

## **Suggested Motion:**

I move that the TRC approve, approve with conditions, or deny the Master and Development Plan based on the Henderson County Land Development Code and recommendations of the Henderson County Comprehensive Plan and any conditions in the staff report or as discussed by the TRC.

# Henderson County Planning Department Staff Report

# Combined Master and Development Plan Lorena Woods Major Residential Subdivision (2022-03-M)

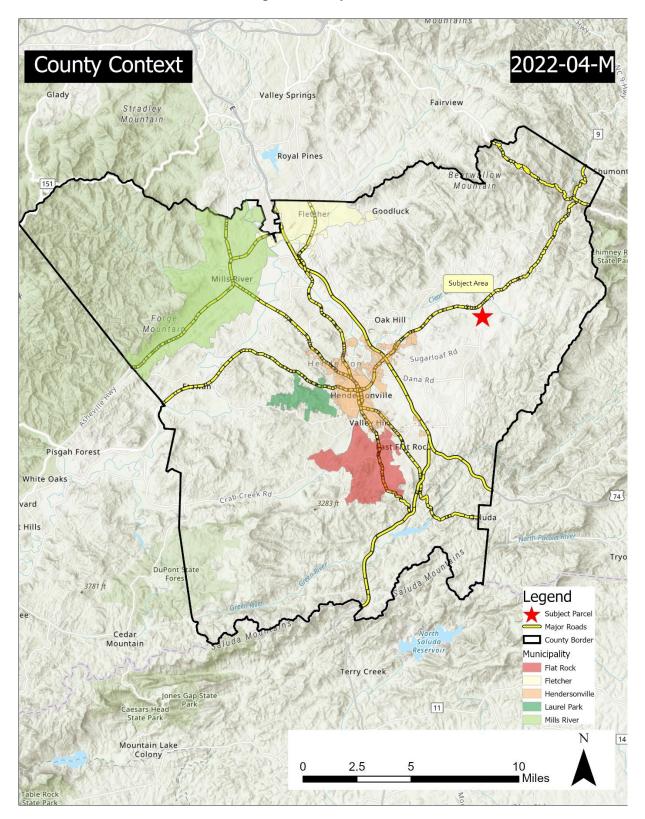
# Property Owner(s)/Applicant(s): Call, McCrae, and Smith LLC Agent & Engineer: Jared DeRidder, WGLA Engineering PIN: 9690-77-8377

# Master & Development Plan Comments:

According to Chapter 42, Henderson County Land Development Code (LDC) §42-341), the purpose of a Master Plan is to provide general information about the proposed development to allow for an assessment of its impact on the orderly growth and development of the County, environmental quality, land values, natural features identified on the site analysis sketch and the County's roads and governmental services. During the review of the Combined the Master and Development Plan, the Technical Review Committee should take into consideration: applicable recommendations of the *Henderson County Comprehensive Plan*, the potential use of the land to be subdivided, and the impact of the subdivision and proposed use whether residential, commercial, or industrial.

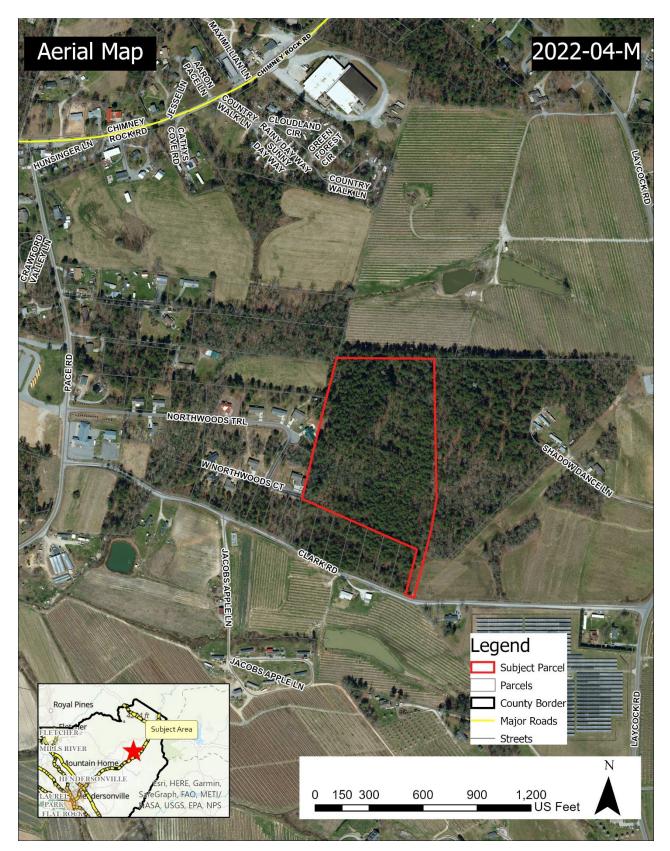
When reviewing the Combined Master and Development Plan it is important to consider that, due to severe topographic conditions, inadequate road access, distance from services, unique natural areas, soils that do not easily support soil drainage systems and/or the proximity to existing and incompatible land uses/zoning, all land may not be suitable to be subdivided for the purpose of dense development (LDC §42-75).

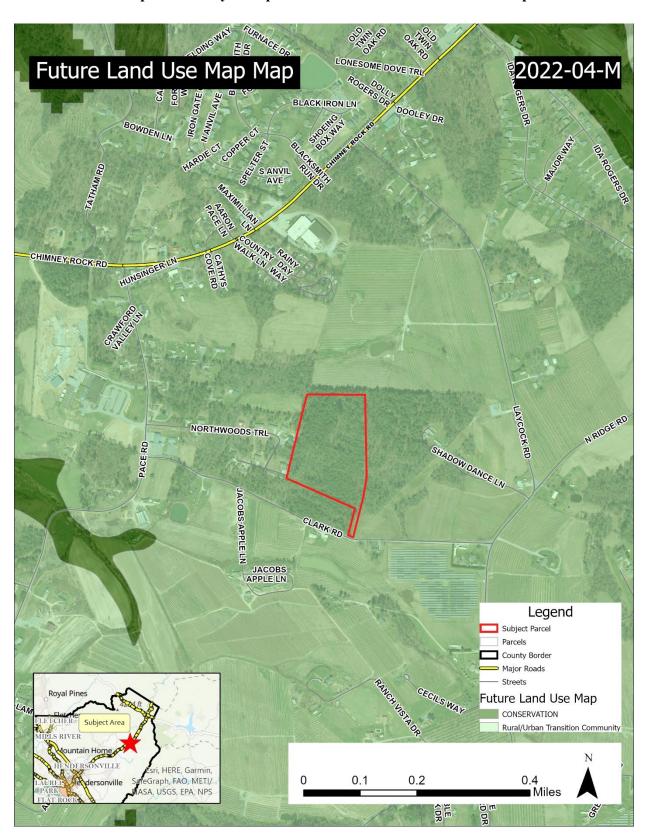
Staff has reviewed the submitted revised Combined Master and Development Plan for the Lorena Woods Major Subdivision, taking into consideration the recommendations of the *Henderson County Comprehensive Plan* and reviewing the plan for conformance with Henderson County Land Development Code. Staff offers the following comments:



# Map A: County Context

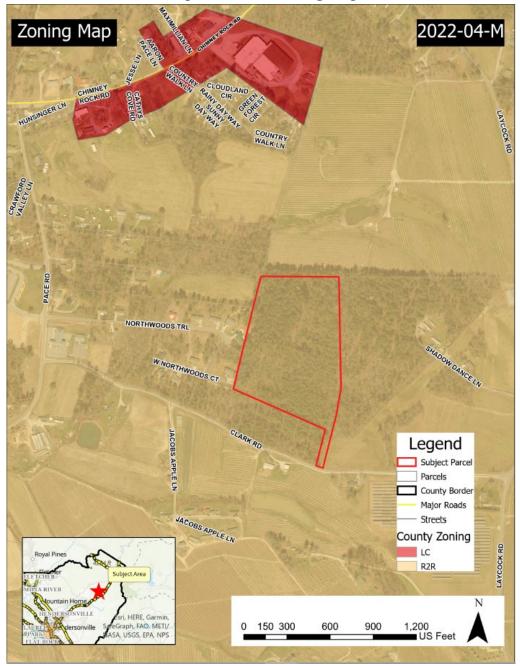
Map B: Aerial Imagery





# Map C: County Comprehensive Plan Future Land Use Map

- 1. Henderson County Comprehensive Plan (CCP). The Future Land Use Map of the CCP shows the Subject Area as being located within the Rural Transition Area (RTA) Classification and a portion within the Commercial Service Area Classification.
  - a. **Rural Transition Area:** "The RTA is currently rural in character, with existing pockets of limited higher density residential and commercial development. Slopes vary across the RTA, although the area can be considered generally developable. The primary factor preventing urban development in the RTA is the absence of sewer and water service. The RTA will continue to experience extensive development over the operational timeframe of this Comprehensive Plan."
    - i. Population and residential densities should be generally lower than the more urban population densities found within the USA and should be generally in keeping with topography, septic limitations, and school and transportation capacities. The RTA will remain in a state of transition and will absorb much of the development pressure in the USA. The RTA will be necessary to allow more dense development where appropriate.



Map D: Official Zoning Map

- 2. Chapter 42, Henderson County Land Development Code (LDC). According to Chapter 42, Henderson County Land Development Code (LDC) and its Official Zoning Map adopted September 19, 2007 (as amended); the proposed project site is located within the Residential Two Rural (R2R) Zoning District.
  - a. **Residential Two Rural (R2R)**: "The purpose of Residential Two Rural (R2R) is to foster orderly growth where the *principal use* of land is residential. The intent of this district is to allow for low to medium *residential development* and rural commercial and light industrial development consistent with the recommendations of the *Comprehensive Plan*. This general *use district* is typically meant to be utilized in areas designated as Transitional (RTA) in the *Comprehensive Plan*.

- i. R2R allows for a standard density of 1 unit per acre. The overall density for the proposed subdivision is 0.96 units per acre.
- **3.** Water and Sewer Availability. The applicant proposes the use of individual wells and individual septic systems for each lot in the subdivision.
- 4. **Road System:** The subdivision will be served by one private road, Woodrow Way, accessed off Clark Road (SR 1725), built in accordance with the Subdivision Local Road standards required in the LDC. The total linear footage of road is 1,285 linear feet and will be asphalt. The Combined Master and Development Plan specifies that the maximum grade does not exceed 15% on any portion of the proposed road. The proposed private road shows as a 45' right-of-way, with an 18' asphalt roadway width with 6' shoulders. The applicant is also proposing a cul-de-sac at the end of Woodrow Way.

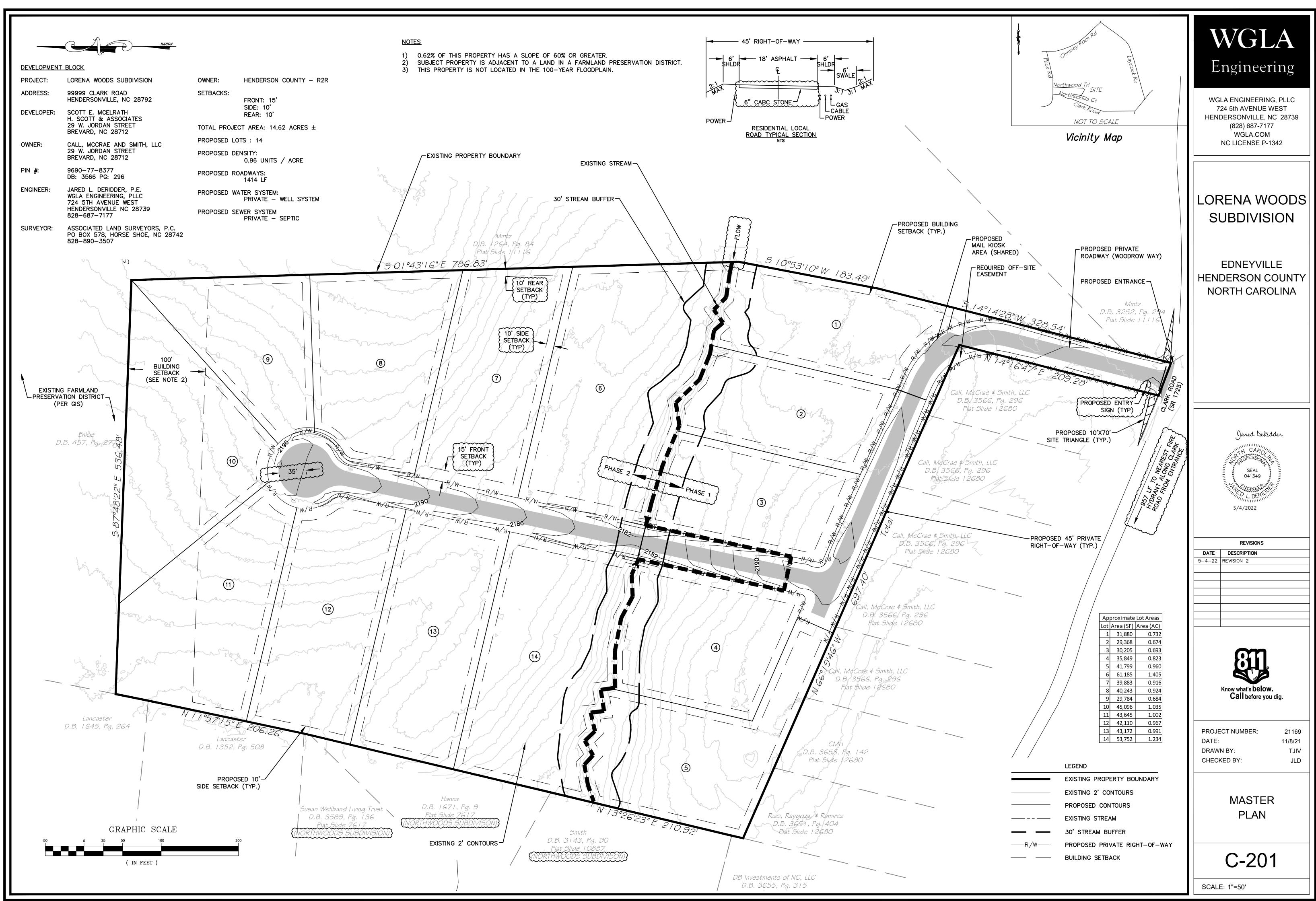
# 5. Total Project Proposal Summary:

- Overall tract size is 14.62 acres
- Total of 14 single-family lots
- Overall density of 0.96 units/acre
- Proposed private roadway length is 1,414 linear feet
- Private individual well and septic systems

# Master & Development Plan Comments:

- 1. Soil Erosion and Sedimentation Control Plan. The applicant has already received an erosion control permit, under permit number 2021-11-04. The Letter of Approval was sent on December 10, 2021.
- 2. Water Quality. The Applicant shall submit written notice from the appropriate local agencies verifying that a Stormwater Management Permit has been received (LDC §42-95E).
- 3. **Private Roads.** Private roads shall be constructed in accordance with the Private Subdivision Local Road standards stated in Chapter 42 (LDC§42-109).
- 4. **Shoulder Stabilization.** All areas disturbed by the construction of a public road, including cut and fill slopes, shoulders and ditch banks, shall be seeded to stabilize the soil and prevent erosion. Seeding should be done as soon as feasible after road construction (LDC §42-102).
- 5. Road Drainage, Culverts, and Shoulder Stabilization. Road or drainage structures shall be constructed in accordance with state roads standards. Road drainage side ditches shall be constructed with sufficient depth and width to carry the expected volume of storm water runoff (LDC §42-100). All areas disturbed by the construction of a public road, including cut and fill slopes, shoulders and ditch banks, shall be seeded to stabilize the soil and prevent erosion. Seeding should be done as soon as feasible after road construction (LDC §42-105).
- 6. **Dead Ends, Culs-de-sac, and Turnarounds.** The Applicant proposes two (1) cul-de-sacs and (1) T -turnaround located at the end and along Woodrow Way. All turnarounds must meet of the LDC §42-105 C(8).

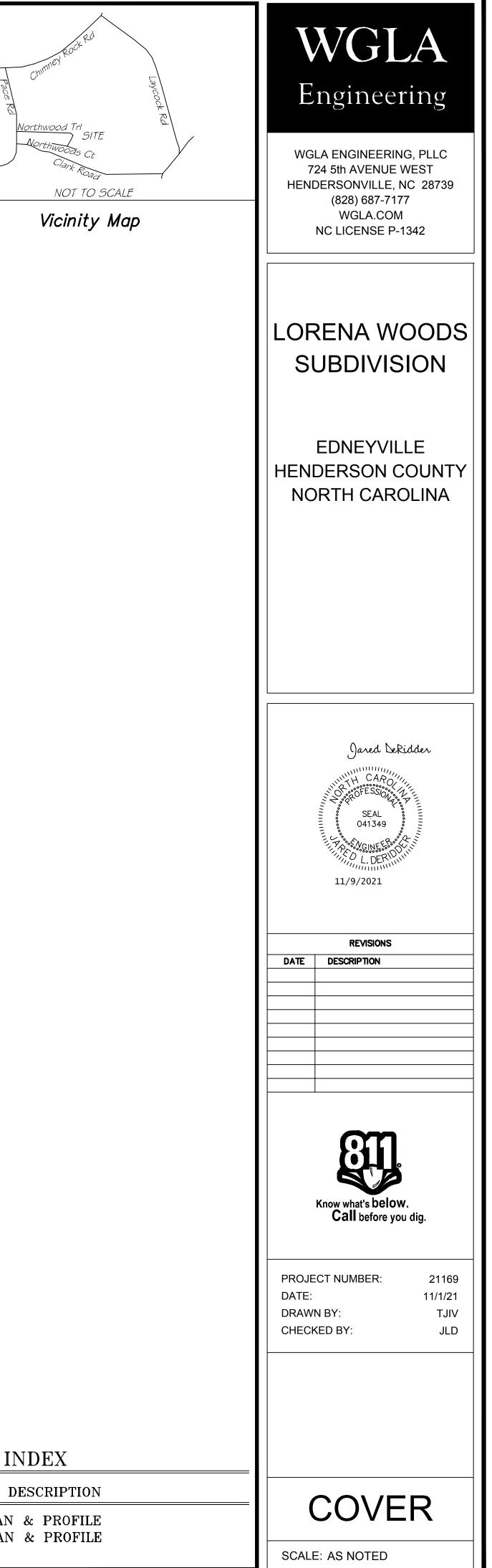
- 7. **Road Name Signs and Regulatory Signs.** Road name signs and regulatory signs shall be provided in accordance with Chapter 142 of the Henderson County Code. Road name signs and regulatory signs must be acquired and installed prior to final plat approval (LDC §42-104).
- 8. **Miscellaneous Advisory Provisions.** The Applicant should become familiar with the Miscellaneous Advisory Provisions of Chapter 42 (LDC §42-87).
- 9. **Final Plat Requirements.** The Final Plat(s) must meet the requirements provided by the Planning Department whenever a subdivision of land occurs (LDC §42-343).
- 10. NCDOT Driveway Permit. An NCDOT Driveway Permit is required for the proposed private, paved road, to access the site. *The applicant has already received a driveway permit for the site, dated October 8, 2021.*



DEVELOPMENT	BLOCK		
PROJECT:	LORENA WOODS SUBDIVISION	OWNER:	HENDERSON COUNTY - R2R
ADDRESS:	99999 CLARK ROAD HENDERSONVILLE, NC 28792	SETBACKS:	FRONT: 15'
DEVELOPER:	SCOTT E. MCELRATH H. SCOTT & ASSOCIATES 29 W. JORDAN STREET BREVARD, NC 28712	TOTAL PROJE	SIDE: 10' REAR: 10' CT AREA: 14.62 ACRES ±
OWNER:	CALL, MCCRAE AND SMITH, LLC	PROPOSED LO	DTS : 14
	29 W. JORDAN STREET BREVARD, NC 28712	PROPOSED D	ENSITY: 0.96 UNITS / ACRE
PIN <b>#</b> :	9690-77-8377 DB: 3566 PG: 296	PROPOSED R	OADWAYS: 1414 LF
ENGINEER:	JARED L. DERIDDER, P.E. WGLA ENGINEERING, PLLC 724 5TH AVENUE WEST	PROPOSED W	ATER SYSTEM: PRIVATE – WELL SYSTEM
	HENDERSONVILLE NC 28739 828-687-7177	PROPOSED SI	EWER SYSTEM PRIVATE - SEPTIC
SURVEYOR:	ASSOCIATED LAND SURVEYORS, P.C. PO BOX 578, HORSE SHOE, NC 28742 828–890–3507		

# PRIVATE ROADWAY for LORENA WOODS SUBDIVISION

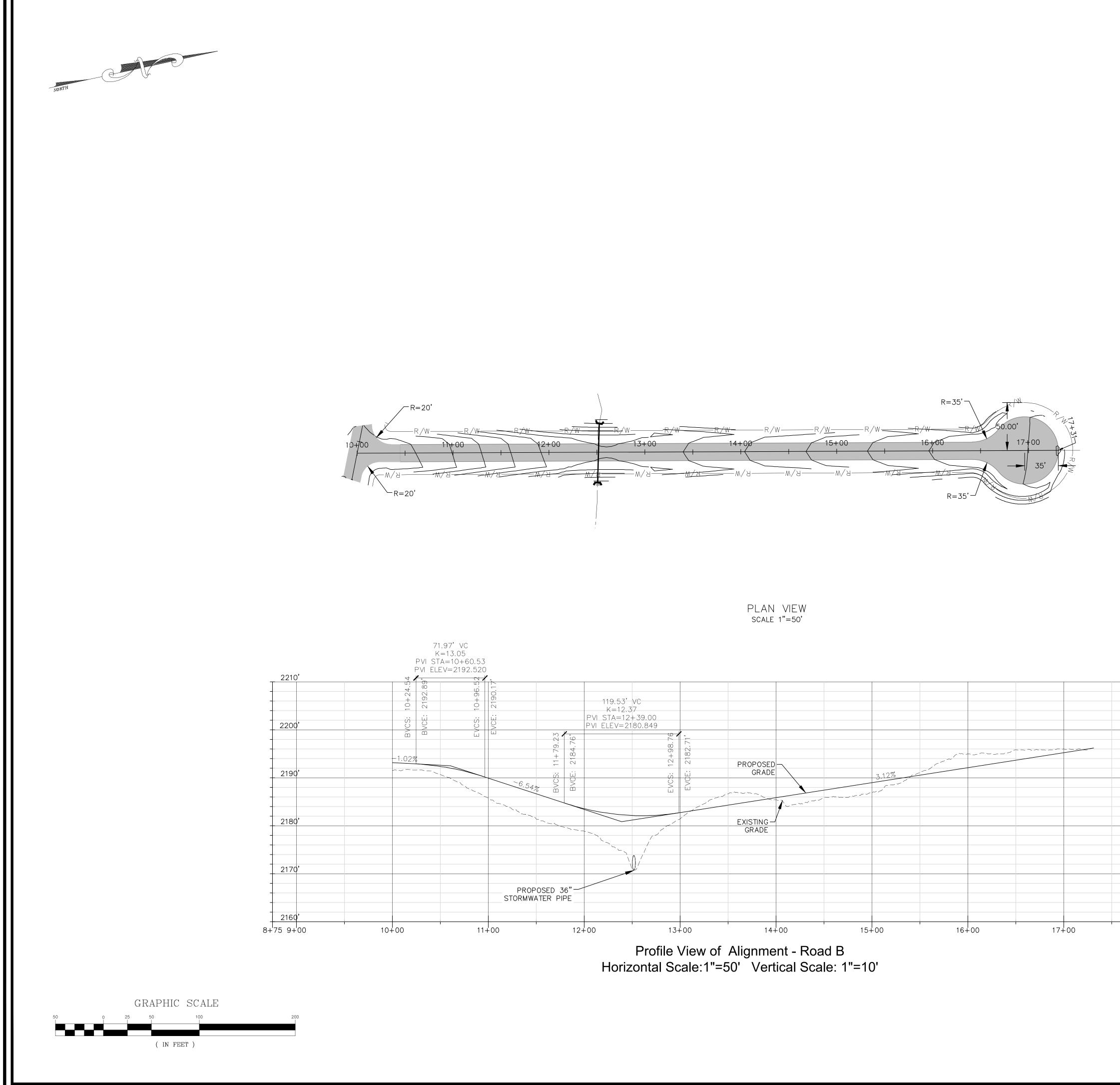
EDNEYVILLE HENDERSON COUNTY NORTH CAROLINA



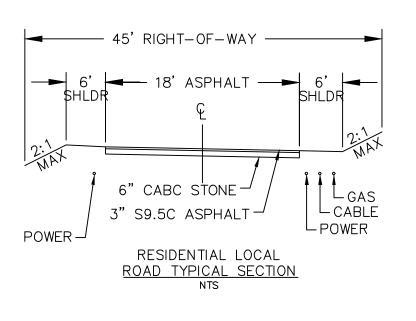
SHEET INDEX

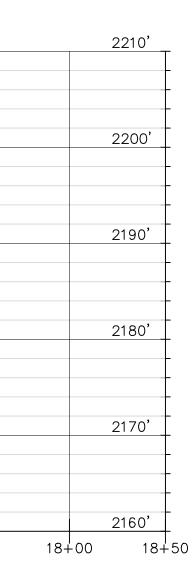
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C-700 C-701 ROAD "A" PLAN & PROFILE ROAD "B" PLAN & PROFILE

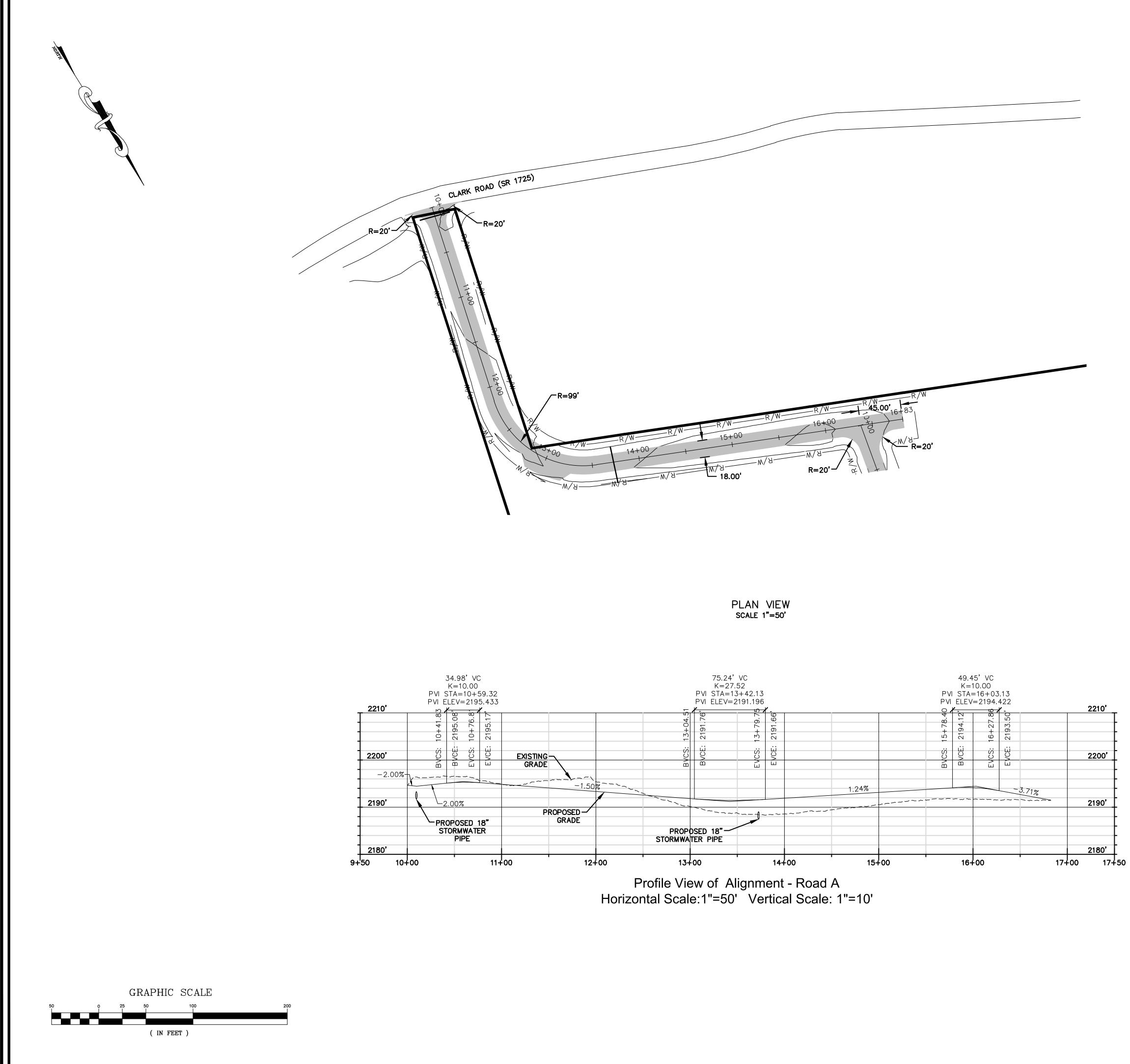


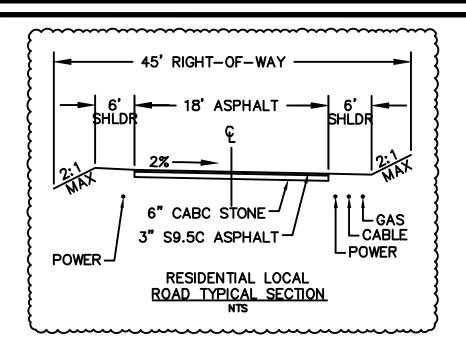


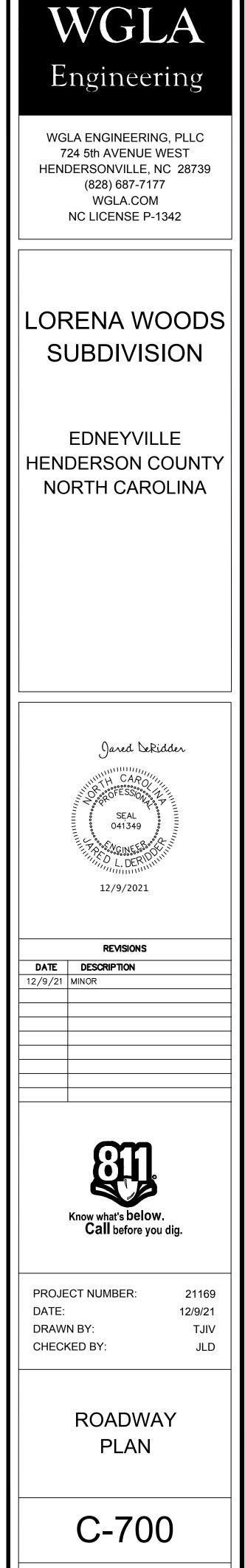




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SCALE: AS NOTED

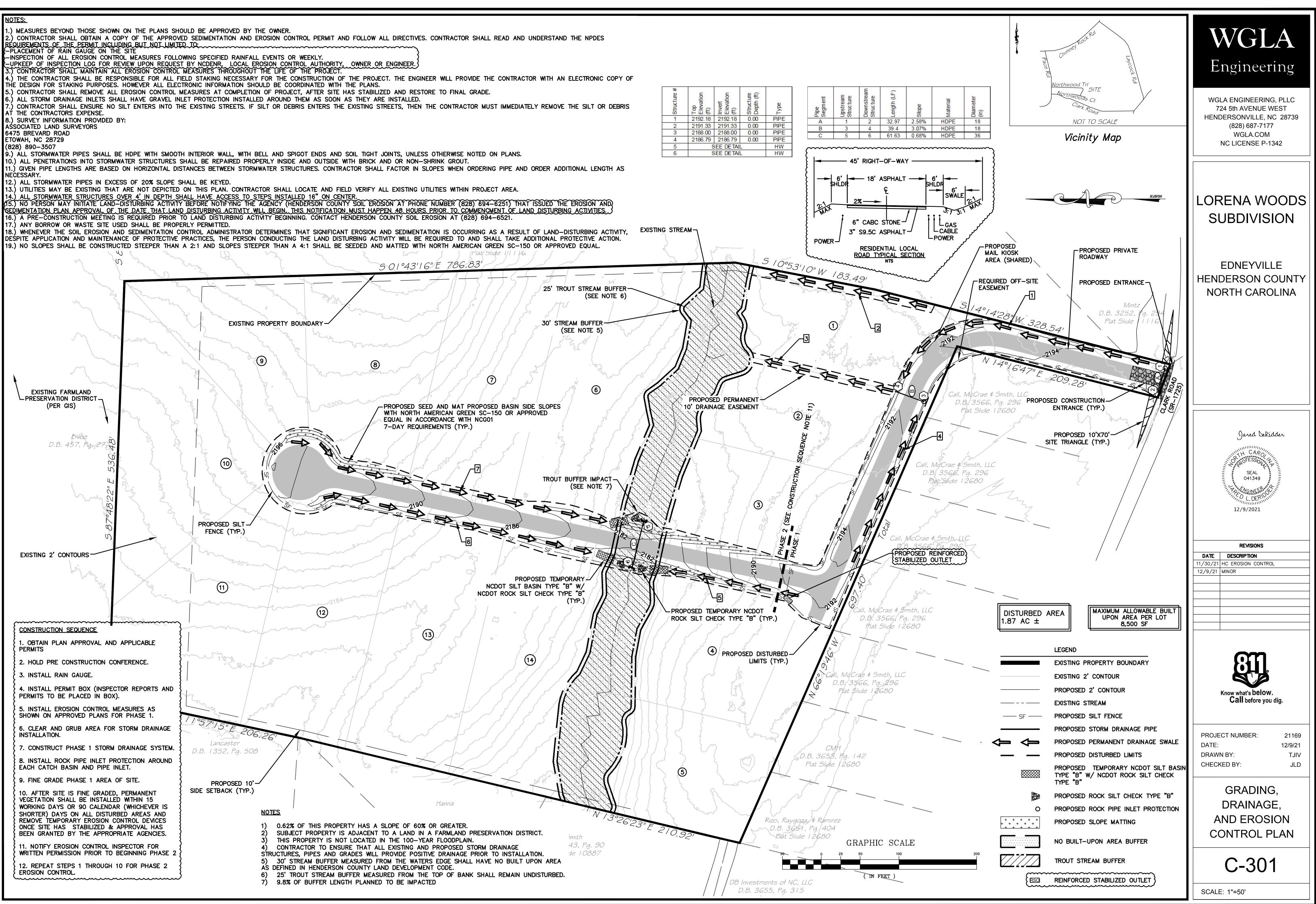
DEVELOPMENT BLOCK PROJECT: LORENA WOODS SUBDIVISION OWNER: HENDERSON COUNTY - R2R 99999 CLARK ROAD ADDRESS: SETBACKS: HENDERSONVILLE, NC 28792 FRONT: 15' SIDE: 10' DEVELOPER: SCOTT E. MCELRATH REAR: 10' H. SCOTT & ASSOCIATES 29 W. JORDAN STREET TOTAL PROJECT AREA: 14.62 ACRES ± BREVARD, NC 28712 PROPOSED LOTS : 14 OWNER: CALL, MCCRAE AND SMITH, LLC 29 W. JORDAN STREET PROPOSED DENSITY: BREVARD, NC 28712 0.96 UNITS / ACRE PIN #: 9690-77-8377 PROPOSED ROADWAYS: DB: 3566 PG: 296 1414 LF ENGINEER: JARED L. DERIDDER, P.E. PROPOSED WATER SYSTEM: WGLA ENGINEERING, PLLC PRIVATE - WELL SYSTEM 724 5TH AVENUE WEST HENDERSONVILLE NC 28739 PROPOSED SEWER SYSTEM 828-687-7177 PRIVATE – SEPTIC ASSOCIATED LAND SURVEYORS, P.C. SURVEYOR: PO BOX 578, HORSE SHOE, NC 28742 828-890-3507

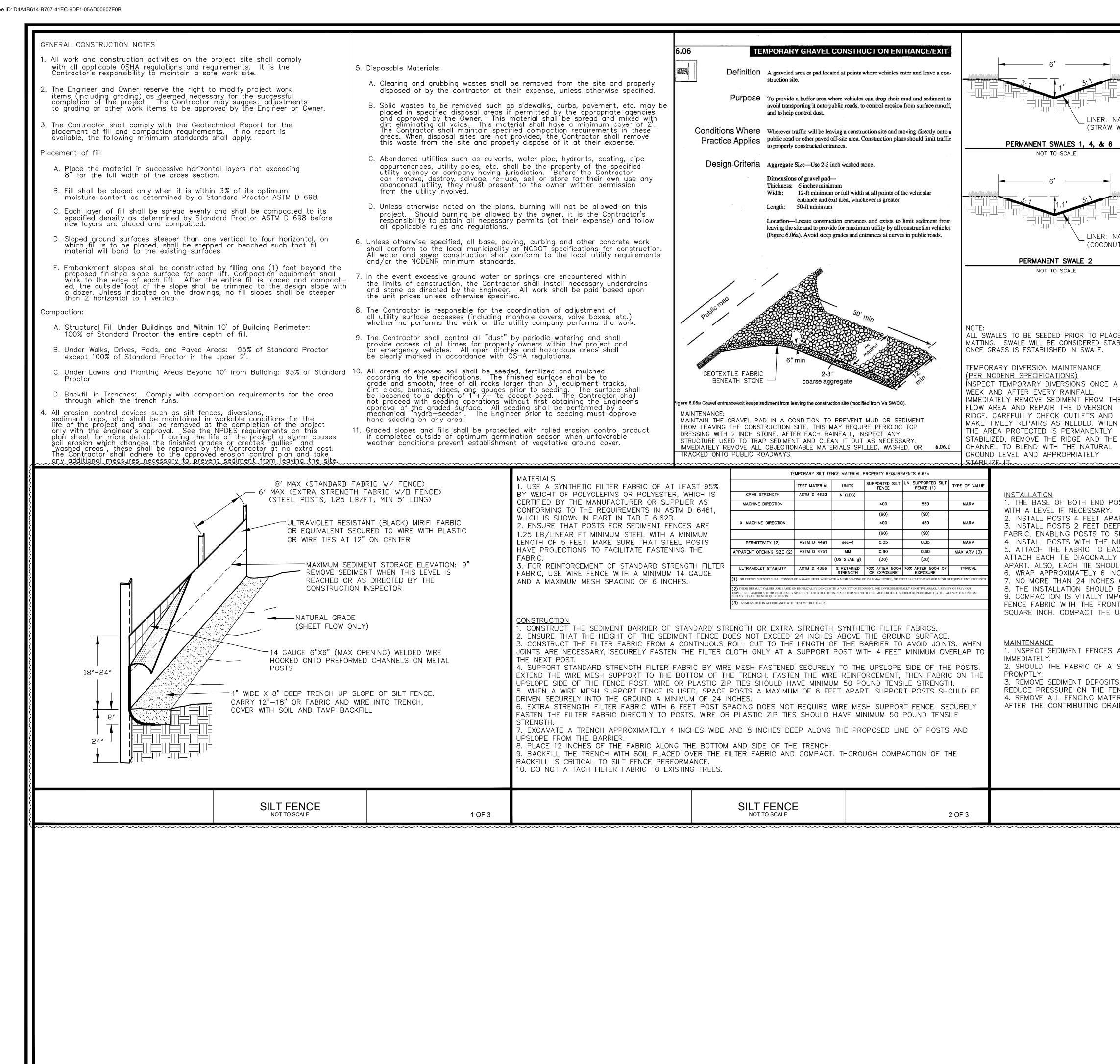
PERCENT IMPERVIOUS: 23.2% ± RECEIVING STREAM: HENDERSON CREEK (CLASSIFICATION C: TR)

# GRADING, DRAINAGE, AND EROSION CONTROL PLANS for LORENA WOODS **SUBDIVISION**

EDNEYVILLE HENDERSON COUNTY NORTH CAROLINA

LORENA WOOD SUBDIVISION EDNEYVILLE HENDERSON COUNT NORTH CAROLINA	TY
HENDERSON COUNT	
Jared DeRidder	
SEAL 041349 11/30/2021	
REVISIONS         DATE       DESCRIPTION	
Know what's below. Call before you dig.	
PROJECT NUMBER: 2116 DATE: 11/30/2 DRAWN BY: TJI CHECKED BY: JL	21
SHEET INDEX	
HEET NO.DESCRIPTIONC-301GRADING, DRAINAGE, & EROSION CONTROL PLANC-302-306GRADING, DRAINAGE, & EROSION CONTROL DETAILS	
COVER SCALE: AS NOTED	

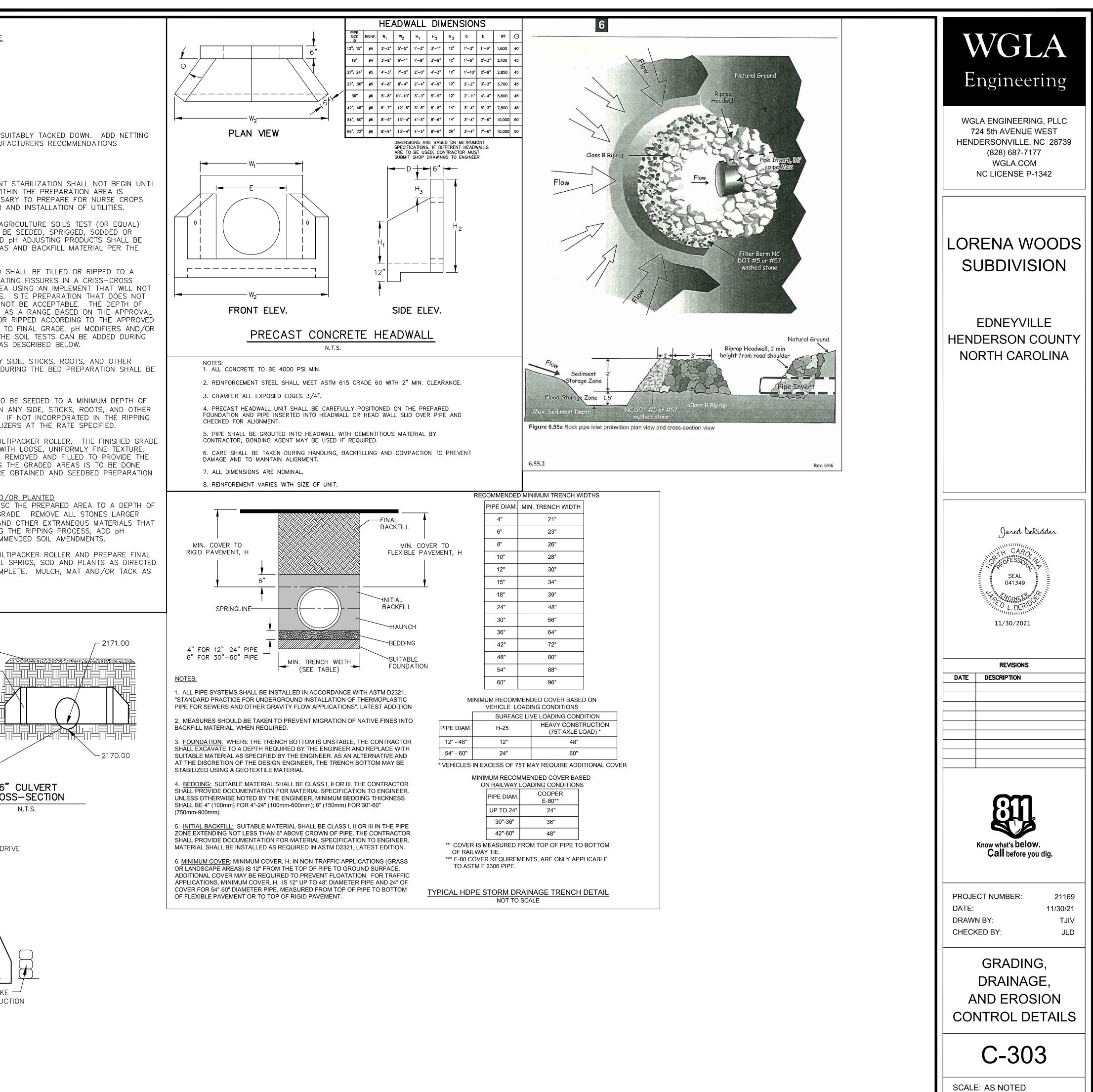




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	SILT FENCE NOT TO SCALE	2 OF 3		SILT FENCE NOT TO SCALE	3 OF 3	Know what's below. Call before you dig.
						PROJECT NUMBER: 21169 DATE: 11/30/21 DRAWN BY: TJIV CHECKED BY: JLD <b>GRADING,</b> <b>DRAINAGE,</b> <b>AND EROSION</b> <b>CONTROL DETAILS</b> <b>C-302</b> SCALE: AS NOTED

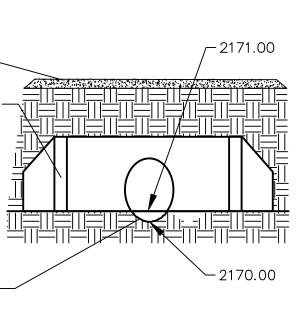
SEEDING SPECIFICATION I. TEMPORARY COVER		B. SEEDING DATES: KY.31 TALL FESCUE
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2000 LBS PER ACRE OF GROUND AGRICULTURAL LIME AND 7 FERTILIZER (10–10–10).		(ABOVE 2500'ELEV) JULY 15 – AUG 30 MARCH 5 – MAY 15
THESE MATERIALS SHALL BE SPREAD UNIFORMLY OVER THE . THE SOIL SHALL BE TILLED TO A DEPTH OF 3 - 4 INCHES \		<u>C. MULCHING</u>
APPROVED BY THE ENGINEER. B. TEMPORARY COVER		APPLY 4000 LB / AC OF GRAIN STRAW S
<u>B. TEMPORART COVER</u> SEEDING – CONTRACTOR SHALL SELECT A QUICK GROWING G SEEDING VIGOR THAT IS SUITED TO THE AREA, THE TIME OF WILL NOT INTERFERE WITH PLANT TO BE SOWN LATER FOR P	PLANTING, AND THAT	TO SEEP SLOPES AND STAPLE PER MANU
MAY THROUGH AUGUST		A. GENERAL REQUIREMENTS 1-PREPARATION FOR PRIMARY/PERMANEN ALL CONSTRUCTION AND UTILITY WORK W
SUNDANGRASS50 LB / ACOR GERMAN MILLET40 LB / AC		COMPLETE. HOWEVER, IT MAY BE NECESS PRIOR TO COMPLETION OF CONSTRUCTION
SEPT. THROUGH APRIL RYEGRAIN 120 LB / AC		2-A NORTH CAROLINA DEPARTMENT OF A SHALL BE OBTAINED FOR ALL AREAS TO I PLANTED. RECOMMENDED FERTILIZER AND INCORPORATED INTO THE PREPARED AREA
ALL SEEDS SHALL HAVE BEEN TESTED NOT MORE THAN 6 M	ONTHS PRIOR TO THE	TEST.
CONTRACTORS SHALL APPLY SEED UNIFORMLY BY HAND, CYC CULTIPACKER SEEDER, OR HYDRAULICALLY.	CLONE SEEDER, DRILL,	3-ALL AREAS TO BE SEEDED OR PLATED DEPTH OF 4". RIPPING CONSISTS OF CREA PATTERN OVER THE ENTIRE SURFACE ARE
A SLURRY MIXTURE OF WATER, FERTILIZER, SEED AND CELLU ACCEPTABLE ON THIS PROJECT.	ILOSE FIBER MULCH IS	GLAZE THE SIDE WALLS OF THE FISSURES COMPLY WITH THESE DOCUMENTS SHALL N SOIL PREPARATION MAY BE ESTABLISHED
<u>C. MULCHING</u> IN ORDER TO REDUCE DAMAGE FROM WATER RUN-OFF AND CONDITIONS FOR SEEDLINGS, A MULCH MATERIAL SHALL BE F TEMPORARY SEEDING IS TO BE DONE. ACCEPTABLE MATERIA	FURNISHED WHEN	OF THE REVIEW AGENCY. ONCE TILLED OI PLAN, ALL AREAS ARE TO BE RETURNED OTHER SOIL AMENDMENTS SPECIFIED IN TH THE SOIL PREPARATION PROCEDURE OR A
-DRY UNCHOPPED, UNWEATHERED SMALL GRAIN STRAW OR H OF COMPETING PLANTS - 1-2 TONS / ACRE -WOOD FIBER (EXCELSIOR)		4—ALL STONES LARGER THAN 3" ON ANY EXTRANEOUS MATERIALS THAT SURFACE D REMOVED.
-WOOD CELLULOSE FIBER - 500 LBS / ACRE WITHOUT STRA -JUTE MATTING II. PERMANENT COVER	AW	B. AREAS TO BE SEEDED 1-TILL OR DISC THE PREPARED AREAS TO 4". REMOVE STONES LARGER THAN 3" ON EXTRANEOUS MATERIALS THAT SURFACE.
A. CONTRACTOR SHALL FURNISH AND APPLY		PROCESS, ADD pH MODIFIERS AND FERTILI
1-90 LBS / 1000 SF OF GROUND AGRICULTURAL LIME (2 TO 2-25 LBS / 1000 SF OF FERTILIZER (10-10-10)(1000 LBS ,		ALL RIDGES AND DEPRESSIONS SHALL BE
3-4.6 LBS / 1000 SF OF KENTUCKY 31 TALL FESCUE (200	LBS / ACRE)	IS COMPLETE.
IN THE MANNER DESCRIBED ABOVE IN PARTS 1, 2 AND 3. APPLY NURSE CROP AS FOLLOWS:		C. AREAS TO BE SPRIGGED, SODDED, AND 1—AT THE TIME OF PLANTING, TILL OR DIS 4"—6" BELOW THE APPROVED FINISHED GF
MAY 1 – AUG 15 – 10 LBS / AC GERMAN MILLET OR – 15 LBS / AC SUNDANGRASS		THAN 3" ON ANY SIDE, STICKS, ROOTS AN SURFACE. IF NOT INCORPORATED DURING MODIFIERS, FERTILIZER AND OTHER RECOM
AUG 15 – MAY 1 – 40 LBS / AC RYE (GRAIN)		2-RECOMPACT THE AREA UTILIZING A CUI GRADES AND DESCRIBED ABOVE. INSTALL
STREAM PIPING CONSTRUCTION SEQUENCE		
1. INSTALL PERIMETER EROSION CONTROL DEVICES AS SHOWN ON APPROVED EROSION CONTROL PLANS. 2. INSTALL IMPERMEABLE DIKES.	STREAM PIPING	PROPOSED ASPHALT DRIVE
3. INSTALL PUMP SYSTEM. 4. INSTALL PROPOSED STORMWATER PIPE. 5. REMOVE IMPERMEABLE DIKES & PUMP SYSTEM.	PLAN VIEW N.T.S.	PROPOSED CONCRETE ENDWALL
PUMP-		
PUMP FL	<u>OW</u>	
		<u>  </u>
STREAM FLOW	STREAM FLOW	► PROPOSED 36" HDPE BURIED 12" MINIMUM BELOW STREAM BED
IMPERMEABLE DIKE PROPOSED 36" HDPE	E / IMPERMEABLE [	
HEADWALL	E PROPOSED CONCRET HEADWALL	
		PROPOSED 18' ASPHALT D
	N -1	
	2:1 SLOPE MART II	
$\bigwedge$	PROPOSED CONCRET	
$\Box$	HEADWALLS	
		· · · · · · · · · · · ·
		IMPERMEABLE DIK D 61 LF OF 36" HDPE DURING CONSTRU
	STREAM B	BURIED 12" MINIMUM BELOW BED-MATCH EXISTING GRADIENT
		" CULVERT
		SS-SECTION
	BED CULVERT STREAM B	D 61 LF OF 36" HDPE DURING CO BURIED 12" MINIMUM BELOW BED-MATCH EXISTING GRADIENT





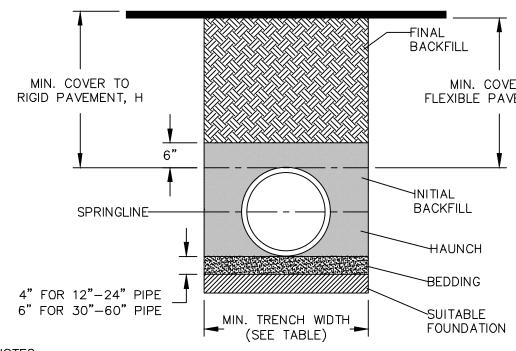
<u>/or planted</u> THE PREPARED AREA TO A DEPTH OF RADE. REMOVE ALL STONES LARGER ND OTHER EXTRANEOUS MATERIALS THAT THE RIPPING PROCESS, ADD pH MENDED SOIL AMENDMENTS.

TIPACKER ROLLER AND PREPARE FINAL SPRIGS, SOD AND PLANTS AS DIRECTED PLETE. MULCH, MAT AND/OR TACK AS

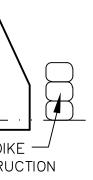


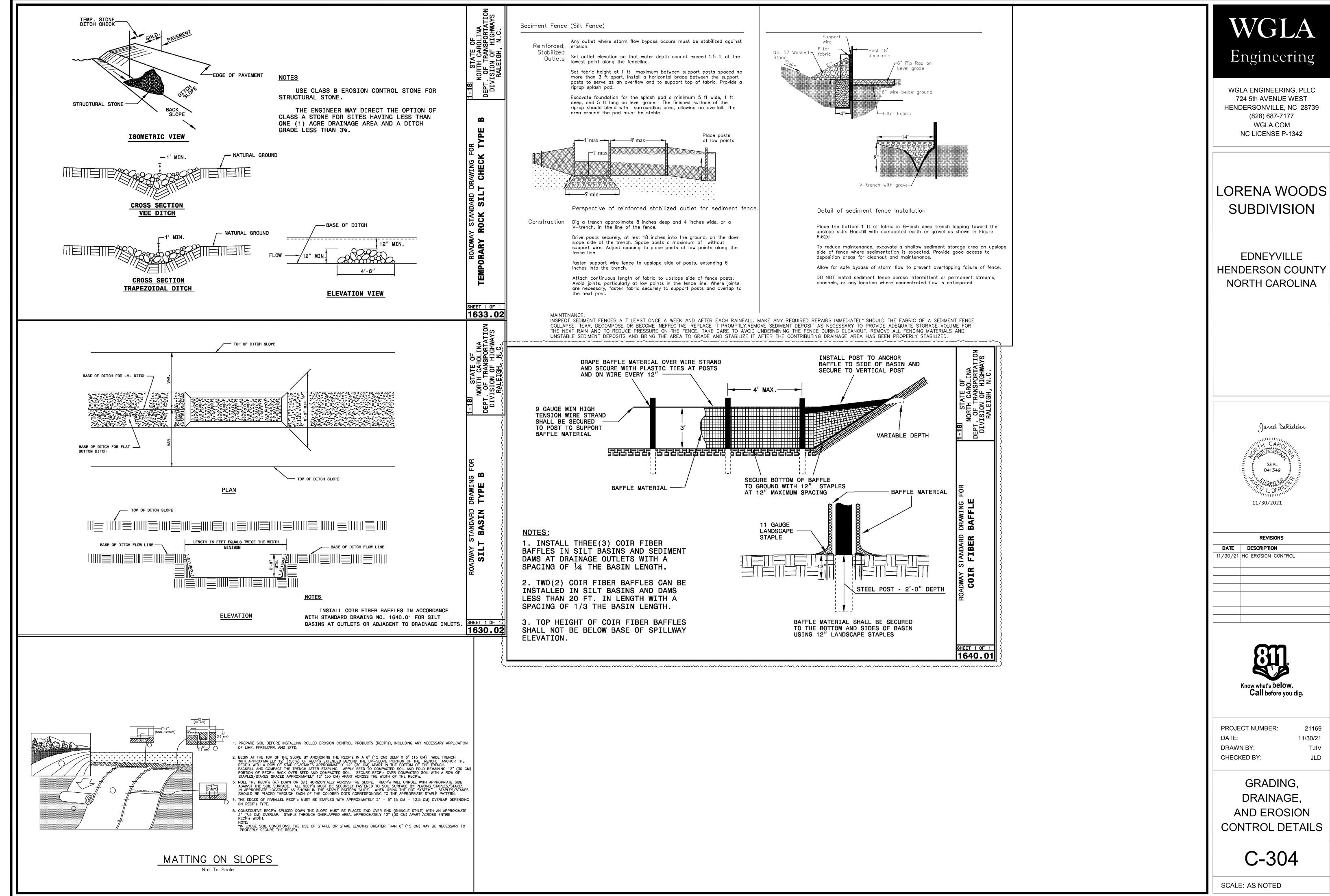
S" CULVERT SS-SECTION N.T.S.

RIVE



		VEHICLE LC	JADI	ING CONDITIONS	)
	SURFACE LIVE LOADING CONE				
PIPE DIAM.		H-25		HEAVY CONS (75T AXLE	-
12" - 48"		12"		48'	
54" - 60"		24"		60"	1
* VEHICLES	IN EX	CESS OF 7	5T M	IAY REQUIRE AD	DITIC
	MINIMUM RECOMMENDED COVER BASED ON RAILWAY LOADING CONDITIONS				
PIPE DIAM. COOPER E-80**					
		UP TO 24"		24"	
		30"-36"		36"	
42"-60" 48"					
** COVER IS MEASURED FROM TOP OF PIPE TO BC					





	SELF-INSPECTI	PART III ON, RECORDKEEPING AND REPORTING	SELF-INSPECTION. RE	PART III CORDKEEPING AND REPORTING
elow. When a ersonnel to be /hich it is safe t	F-INSPECTION are required duri dverse weather of in jeopardy, the i o perform the ins	ng normal business hours in accordance with the table r site conditions would cause the safety of the inspection nspection may be delayed until the next business day on pection. In addition, when a storm event of equal to or de of normal business hours, the self-inspection shall be	SECTION B: RECORDKEEPING 1. E&SC Plan Documentation The approved E&SC plan as well as any a approved E&SC plan must be kept up-to- The following items pertaining to the E&SC	pproved deviation shall be kept on the site. The date throughout the coverage under this permit. SC plan shall be kept on site and available for
erformed upor	the commencer	nent of the next business day. Any time when inspections	inspection at all times during normal bus	
	Frequency	e Inspection Record.	(a) Each E&SC measure has been installed	Documentation Requirements           Initial and date each E&SC measure on a copy
Inspect (1) Rain gauge maintained in good working order	(during normal business hours) Daily	Inspection records must include:Daily rainfall amounts.If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un- attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device	and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(2) E&SC Measures	At least once per 7 calendar days and within 24	<ul> <li>approved by the Division.</li> <li>1. Identification of the measures inspected,</li> <li>2. Date and time of the inspection,</li> <li>3. Name of the person performing the inspection,</li> </ul>	(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(3) Stormwater	hours of a rain event ≥ 1.0 inch in 24 hours At least once per	<ul> <li>4. Indication of whether the measures were operating properly,</li> <li>5. Description of maintenance needs for the measure,</li> <li>6. Description, evidence, and date of corrective actions taken.</li> <li>1. Identification of the discharge outfalls inspected,</li> </ul>	(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
discharge outfalls (SDOs)	7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	<ol> <li>Date and time of the inspection,</li> <li>Name of the person performing the inspection,</li> <li>Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,</li> <li>Indication of visible sediment leaving the site,</li> </ol>	<ul> <li>(d) The maintenance and repair</li> <li>requirements for all E&amp;SC measures</li> <li>have been performed.</li> </ul>	Complete, date and sign an inspection report.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain	<ul> <li>6. Description, evidence, and date of corrective actions taken.</li> <li>If visible sedimentation is found outside site limits, then a record of the following shall be made:</li> <li>1. Actions taken to clean up or stabilize the sediment that has left the site limits,</li> </ul>	(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.
(5) Streams or wetlands onsite or offsite (where accessible) (6) Ground stabilization measures	24 hours At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours After each phase of grading	<ul> <li>3. An explanation as to the actions taken to control future releases.</li> <li>If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: <ol> <li>Description, evidence and date of corrective actions taken, and</li> <li>Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.</li> </ol> </li> <li>1. The phase of grading (installation of perimeter E&amp;SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover).</li> <li>2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.</li> </ul> s the required 7 calendar day inspection requirement.	<ul> <li>site and available for inspectors at all time Division provides a site-specific exemption this requirement not practical:</li> <li>(a) This General Permit as well as the Cerection of the context of the second the required observations on Division or a similar inspection form the electronically-available records in lies shown to provide equal access and u</li> <li><b>3. Documentation to be Retained for Three</b> All data used to complete the e-NOI and a</li> </ul>	
		-	SECTION G, ITEM (4) BASINS FOR MAINTENANCE OR CLOSE OUT	
or maintenance	or close out unle	ceive runoff from drainage areas of one acre or more shall uses this is infeasible. The circumstances in which it is not featiment basins shall be allowed only when all of the following	sible to withdraw water from the surface shall be	
shall not c (b) The non-s (c) Dewaterir properly s	ommence until th urface withdrawa g discharges are t ited, designed an	s been provided with documentation of the non-surface wi ne E&SC plan authority has approved these items, Il has been reported as an anticipated bypass in accordance treated with controls to minimize discharges of pollutants fi d maintained dewatering tanks, weir tanks, and filtration sy the sites or a properly designed stone pad is used to the ex	with Part III, Section C, Item (2)(c) and (d) of this rom stormwater that is removed from the sedime stems,	permit, ent basin. Examples of appropriate controls inclu
e) Velocity d	issipation devices	e dewatering treatment devices described in Item (c) above	ed at the discharge points of all dewatering devic	es, and
			PECTION, RECOR	

# REPORTING

# **SECTION C: REPORTING**

- 1. Occurrences that Must be Reported
- (b) Oil spills if:
  - They are 25 gallons or more,

- environment.

# 2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

	1	
Occurrence	Re	ep
(a) Visible sediment	•	V
deposition in a	•	k
stream or wetland		S
		Ľ
		C
	•	ŀ
		r
		r
		C
		۷
(b) Oil spills and	•	l
release of		S
hazardous		l
substances per Item		
1(b)-(c) above		
(c) Anticipated	•	A
bypasses [40 CFR		Т
122.41(m)(3)]		e
(d) Unanticipated	•	l
bypasses [40 CFR	•	l
122.41(m)(3)]		C
(e) Noncompliance	•	l
with the conditions	•	ŀ
of this permit that		r
may endanger		i
health or the		Ł
environment[40		C
CFR 122.41(l)(7)]		p
	•	Ľ
		C

# PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

Permittees shall report the following occurrences: (a) Visible sediment deposition in a stream or wetland.

• They are less than 25 gallons but cannot be cleaned up within 24 hours, • They cause sheen on surface waters (regardless of volume), or • They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the

porting Timeframes (After Discovery) and Other Requirements

Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.

If the stream is named on the NC 303(d) list as impaired for sedimentrelated causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.

Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.

A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.

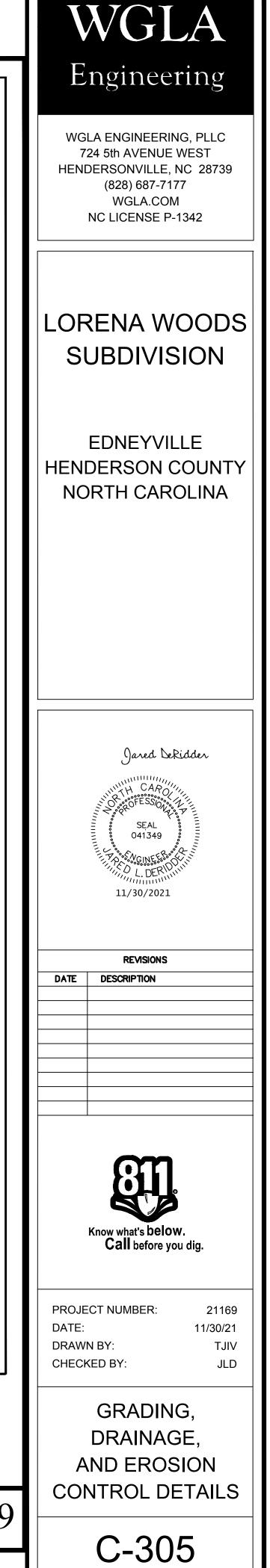
Within 24 hours, an oral or electronic notification.

Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.

Within 24 hours, an oral or electronic notification.

Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(I)(6). Division staff may waive the requirement for a written report on a case-by-case basis.

# EFFECTIVE: 04/01/19



SCALE: AS NOTED

activity being considered c sections of the NCG01 Con permittee shall comply wit delegated authority having may not apply depending c	ompliant with the Gr struction General Per h the Erosion and Sec jurisdiction. All deta on site conditions and	DLING PRACTICES FOR COMPLIANCE WITH this plan sheet will result in the construction ound Stabilization and Materials Handling mit (Sections E and F, respectively). The diment Control plan approved by the ils and specifications shown on this sheet I the delegated authority having jurisdiction
SECTION E: GROUND STAE	SILIZATION equired Ground Stabi	lization Timofromoc
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	
<ul><li>(a) Perimeter dikes, swales, ditches, and perimeter slopes</li></ul>	7	None
<ul><li>(b) High Quality Water</li><li>(HQW) Zones</li></ul>	7	None
<ul><li>(c) Slopes steeper than</li><li>3:1</li></ul>	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	<ul> <li>-7 days for slopes greater than 50' in length and with slopes steeper than 4:1</li> <li>-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones</li> <li>-10 days for Falls Lake Watershed</li> </ul>
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope
GROUND STABILIZATION	lerated erosion until SPECIFICATION ently so that rain will	e maintained in a manner to render the permanent ground stabilization is achieved not dislodge the soil. Use one of the
Temporary Stab		Permanent Stabilization
<ul> <li>Temporary grass seed cover other mulches and tackifie</li> <li>Hydroseeding</li> <li>Rolled erosion control procession without temporary grass seed</li> <li>Appropriately applied stray</li> <li>Plastic sheeting</li> </ul>	rs ducts with or eed w or other mulch	Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rolled erosion control products with grass seed
<ol> <li>construction, selecti</li> <li>Apply flocculants at</li> <li>Apply flocculants at PAMS/Flocculants at</li> </ol>	at are appropriate for ng from the <i>NC DWR</i> or before the inlets to the concentrations sp nd in accordance with a for containment of	<b>S</b> T the soils being exposed during <i>List of Approved PAMS/Flocculants</i> . D Erosion and Sediment Control Measures. Decified in the <i>NC DWR List of Approved</i> The manufacturer's instructions. treated Stormwater before discharging that are kept under storm-resistant cover

# EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- 2. Provide drip pans under any stored equipment.
- 3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- 5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

# LITTER. BUILDING MATERIAL AND LAND CLEARING WASTE

- 1. Never bury or burn waste. Place litter and debris in approved waste containers. 2. Provide a sufficient number and size of waste containers (e.g dumpster, trash
- receptacle) on site to contain construction and domestic wastes. Locate waste containers at least 50 feet away from storm drain inlets and surface
- waters unless no other alternatives are reasonably available.
- 4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland. 5. Cover waste containers at the end of each workday and before storm events or
- provide secondary containment. Repair or replace damaged waste containers.
- 6. Anchor all lightweight items in waste containers during times of high winds. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- 8. Dispose waste off-site at an approved disposal facility.
- 9. On business days, clean up and dispose of waste in designated waste containers.

# PAINT AND OTHER LIQUID WASTE

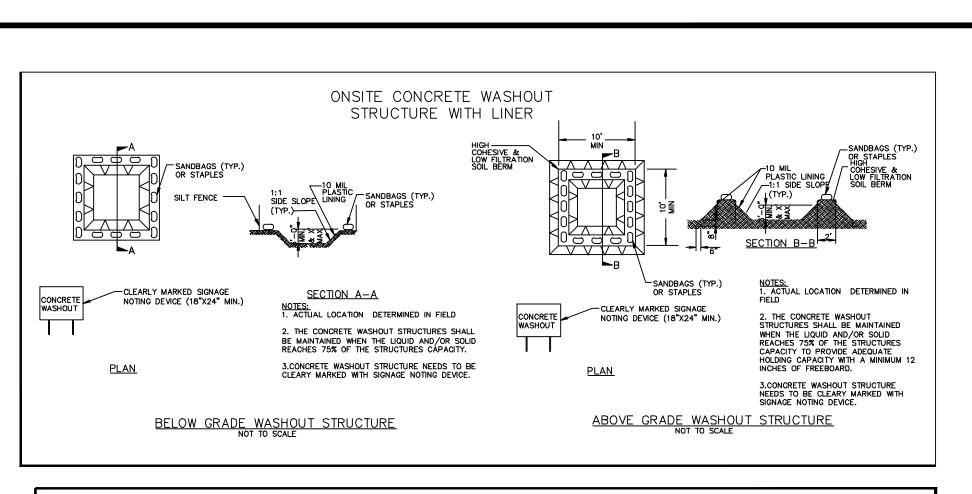
- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands. 2. Locate paint washouts at least 50 feet away from storm drain inlets and surface
- waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- 4. Containment must be labeled, sized and placed appropriately for the needs of site.
- 5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

# PORTABLE TOILETS

- 1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- 2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- 3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

# EARTHEN STOCKPILE MANAGEMENT

- 1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- 2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- 3. Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance 4. with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



# **CONCRETE WASHOUTS**

- lot perimeter silt fence.

- 6. spills or overflow.
- approving authority.

- caused by removal of washout.

# **HERBICIDES, PESTICIDES AND RODENTICIDES**

- restrictions. accidental poisoning.

# HAZARDOUS AND TOXIC WASTE

# ABILIZATION AND MATERIALS HANDLING

Do not discharge concrete or cement slurry from the site.

Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.

Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within

Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.

Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.

Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive

Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the

Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.

Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.

10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance

Store and apply herbicides, pesticides and rodenticides in accordance with label

Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of

3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately. 4. Do not stockpile these materials onsite.

1. Create designated hazardous waste collection areas on-site.

2. Place hazardous waste containers under cover or in secondary containment. 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

# EFFECTIVE: 04/01/19

WGLA
Engineering
WGLA ENGINEERING, PLLC 724 5th AVENUE WEST HENDERSONVILLE, NC 28739 (828) 687-7177 WGLA.COM NC LICENSE P-1342
LORENA WOODS SUBDIVISION
EDNEYVILLE HENDERSON COUNTY NORTH CAROLINA
Jared DeRidder
REVISIONS DATE DESCRIPTION
Know what's below. Call before you dig.
PROJECT NUMBER: 21169 DATE: 11/30/21 DRAWN BY: TJIV CHECKED BY: JLD
GRADING, DRAINAGE, AND EROSION CONTROL DETAILS
C-306

SCALE: AS NOTED

Δ1	nn	icat	ion	No.	
11	PP	incu	ion	110.	

# HENDERSON COUNTY SUBDIVISION APPLICATION FORM

(Please fill out <u>all</u> applicable items)

SUBDIVISION INFORMATION				
Subdivision Name: Clark Road Subdivision				
Subdivision Type (Circle One): Major Minor Non-Stand	lard Special			
Proposed Use of Property (Circle One): Residential Commercial Industrial				
Conservation Subdivision: Yes No Gated entrance to property:	Yes No			
Existing Number of Lots: 4 Total Number of Proposed				
Total Number Proposed Units: 14       Proposed Density (units per acre): 0.96				
Road System:( ) Public( ) Combination P	Public and Private			
Water System:(X) Individual( ) Community( ) Municipal				
Sewer System: (X) Individual () Community () Municipal				
PARCEL INFORMATION				
	3566/296 Township Edneyville			
Location of property to be divided: Clark Road				
Zoning District: Henderson County - R2R Fire District: Edne	yville			
Water Supply Watershed: N/A School District: Ed	dneyville / Apple Valley / North			
Any portion of property within or containing the following:				
Floodplain or floodway: Yes No Perennial streams: Yes N	٨o			
Protected mountain ridges: Yes No Cemetery: Yes N	40			
Within 1/2 mile of a Farmland Preservation District: (Yes) No				
Adjacent to a Farmland Preservation District: Yes No				
CONTACT INFORMATION				
Property Owner:				
Name: Call, Mccrae and Smith, LLC Phone:				
Address: 29 W. Jordan Street City, State, Zip: Brevard, NC	28712			
Applicant:				
Name:         Call, Mccrae and Smith, LLC         Phone:				
Address: 29 W. Jordan Street City, State, Zip: Brevard, NC	28712			
Agent: Agent Form (Circle One): Yes No				
Name: Scott E. Mcelrath Phone:				
Address: 29 W. Jordan Street City, State, Zip: Brevard, NC	28712			
Plan Preparer:				
Name: WGLA Engineering, PLLC, Jared DeRidder Phone: 828-687-7177				
Address:       724 5th Avenue West       City, State, Zip: Hendersonvi	lle, NC 28739			
I certify that the information shown above is true and accurate and is in conformance Henderson County. Scott E. Mcelrath Print Applicant (Owner or Agent ) Signature Applicant (Owner or Agent )	5/3/22			
	Date			
County Use Only				
Fee: \$ Paid: Method: Final Plat App	proved On:			

# HENDERSON COUNTY MASTER PLAN REQUIREMENTS

A Professional Engineer, Land Surveyor, Architect, Landscape Architect, or Professional Planner may prepare the Master Plan. The following information <u>shall</u> be shown on the plan for information and discussion purposes unless not applicable or specifically waived by the Subdivision Administrator<sup>\*</sup>. <u>If the Master Plan does not</u> <u>contain the required items by the submittal deadline, the application will be considered incomplete and</u> <u>the plan will not be presented to the Planning Board.</u> Combined Master and Development Plans must be prepared in accordance with the Development Plan Requirements provided by the Planning Department. More information about Master Plans can be found in Chapter 200A, §200A-309. For each item below, please indicate whether the requested information has been provided.

## GENERAL LEGEND

Yes	No	
$\checkmark$		Scale (written and graphic): Scale for full-sized and reduced copies should be appropriate to
· ····		clearly depict property
$\checkmark$		North arrow
~		Owner's and applicant's name(s) and address (es)
		Vicinity map
10		

If no was checked for any above, please explain:

# TITLE BLOCK

Yes No

- ▶ \_\_\_ Project name
- ✓ \_\_\_\_\_ Title of map (must state "Master Plan")
- ∠ \_\_\_ Date

Name, title, address, and phone number of individual, firm, or corporation preparing the plan If no was checked for any above, please explain:

# PLAN DETAILS

Yes	No	
~		Boundaries of the proposed project
~		Contours at maximum of twenty (20) foot intervals
1		Location of existing ponds, lakes or watercourses with direction of flow
	Nla	Approximate location of the 100-year floor hazard line, if applicable
<u>~</u>		Location of existing street/roads, bridges, culverts, utilities, or other major elements affecting the property
	NA	Water supply watershed boundaries, zoning district lines, fire district boundaries and municipal, county, state boundaries (except townships lines), if applicable
$\frac{\checkmark}{\checkmark}$		General layout of proposed road system General lot layout
	NIA	Location of utility sites (if known)
$\overline{\mathbf{z}}$		Adjoining property owners, subdivisions and farmland preservations districts clearly indicated Proposed project phasing lines, if applicable
	NA	All land with slopes of 60 percent or greater clearly shown

# PROJECT SUMMARY (Must contain the following)

Yes	No			
$- \checkmark$		Total project area in acres		
~		Density of proposed project (units/acres)		
V		Number of proposed lots/units by type		
~		Approximate length of road system (public; private)		
V		Type of Water system (public/private/individual)		
~		Type of Sewer system <u>septic</u> (public/private/individual)		
Ifnor	If no was abaakad for any abaya, plaase explain:			

If no was checked for any above, please explain: \_\_\_\_\_\_

# **CONSERVATION SUBDIVISION (OPTION)**

Yes No	)
--------	---

- Percentage of total acreage in open space (must be in project summary)
- Primary conservation areas clearly identified on plan
- Secondary conservation areas clearly identified on plan

# OTHER MASTER PLAN APPLICATION REQUIREMENTS

The following information or other items shall be provided or otherwise addressed in writing by the submittal deadline of the application for Master Plan approval unless not applicable or specifically waived by the Subdivision Administrator<sup>\*</sup>, otherwise the application will be considered incomplete and will not be presented to the Planning Board.

Yes No

- Application Form
- - Master Plan (4 full-sized copies and 1 reduced copy). Additionally, please submit digital copies of plans to Planning Staff, if possible.

If no was checked for any above, please explain:

County	Jse Only	
Received by:	Date:	
Comments:		

Any waived item(s) must be documented on a waiver form provided by Staff

# **DEVELOPMENT PLAN REQUIREMENTS**

A Professional Engineer, Land Surveyor, Architect, Landscape Architect, or Professional Planner may prepare the Development Plan. The following information <u>shall</u> be shown on the plan for information and discussion purposes unless not applicable or specifically waived by the Subdivision Administrator\*. <u>If the Development Plan does not contain the required items by the submittal deadline, the application will be considered incomplete and the plan will not be presented to the Planning Board.</u> Combined Master and Development Plans must also be prepared in accordance with Master Plan Requirements provided by the Planning Department. More information about Development Plans can be found in Section 200A-310 in the Land Development Code. For each item below, please indicate whether the requested information has been provided.

## General Legend

Yes	No	
~		Scale (written and graphic): Scale for full-sized and reduced copies should be appropriate
		to clearly depict property
V		North arrow

- \_\_\_\_ Owner's and applicant's names and addresses
- \_\_\_\_ Legend provide appropriate symbols
- Vicinity map
- ✓ Phase map showing location of phase in the entire development (if applicable)

If no was checked for any above, please explain:

<u>Title</u> E	<u>Block</u>	
Yes	No	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Project name (include phase number, if applicable)
		Title of map (must state "Development Plan" or "Combined Master & Development Plan," as applicable)
	NA	When using the conservation subdivision option must also be labeled as "Conservation Subdivision"
$\checkmark$		Name, address, and phone number of individual or firm preparing the various elements of the plan
~		Date and revision date(s), if required
If no w	as checl	ked for any above, please explain:

## Project Summary

Yes	No	
		Project summary containing the following information:
$\underline{V}$		Total project (or phase) area in acres
<u>v</u>		Number of proposed lots/units by type
~		Proposed density (units/acres)
	NA	Total acreage of land that have slopes of 60 percent or greater
<u>~</u>		Minimum lot size in square feet (excluding road right-of-way if in the R-40 and WR zoning districts)
<u> </u>		Length of proposed public roads (must meet NCDOT minimum road standards)

$\checkmark$		Length of proposed private roads (must meet Henderson County minimum roads standards Section 280A-81 C)
ン ン 	<u>אוג</u> אוג	Water system Sewer system Sewer system Distance to public water system Distance to public sewer system

If no was checked for any above, please explain:

\_\_\_\_\_

# <u>Plan Details</u>

-------

	Ma	
Yes	No	
		Contours at no more than five foot (5') intervals
~		Location of existing ponds, lakes or watercourses and directions of flow
~		Outside boundaries of the proposed project with bearings and distances
	NA	Approximate location of the 100-year flood hazard line, if applicable
אא גו גוגג		Location of existing roads with rights-of-way, easements, bridges, water features,
		culverts, utilities, structures, etc.
	NA	Location of proposed ponds and lakes shown with approximate elevation, and proposed
		alterations to existing water courses, if applicable
./		•
<u> </u>		Names of adjoining property owners or subdivisions
	NIA	Proposed locations of multi-family units shown, if applicable
<u>~</u>		Proposed lot lines and approximate length
$\checkmark$		Proposed lot numbers shown
$\checkmark$	NA	Size of lots to 0.1 acres (not including road right-of-way for property zoned R-40 and WR)
K   K   K   K	NA	Proposed open space or common area clearly shown and labeled
~	N	Proposed water system (public/private) improvements including approximate location of
		proposed waterlines
~		Proposed sewer system (public/private) improvements including approximate location of
		proposed sewerlines, pump stations, wastewater treatment plants, etc.
	NA	Fire hydrants spaced one hydrant per 1,000 feet of linear road, if applicable
$\overline{\checkmark}$	<u> NIA</u>	Location of nearest water supply point for fire protection and location of proposed dry
<u> </u>		hydrants as described in Section 200A-81 B(3), if not served by a public water system
./		Location of proposed project sign(s) and easement for sign, if applicable
<u> </u>		
—	NA	Water supply watershed boundaries, zoning district lines, fire district lines and municipal,
		county, or state boundaries, if applicable
<u> </u>		Location and approximate layout of recreation areas, club houses, mail delivery points or
		other project features
<u> </u>		Proposed buffers (location and type), if applicable
<u> </u>		Proposed drainage improvements (designed according to NCDOT standards) including
		Culvert locations
		<u>v</u> Length
		<ul> <li>Diameter (minimum 18 inches)</li> </ul>
		<ul> <li>✓ Length</li> <li>✓ Diameter (minimum 18 inches)</li> <li>✓ Type</li> <li>✓ Drainage easements</li> </ul>
		Ma Drainage easements
	NK	Location of lots or parcels reserved for future development, utility stations, public parks,
<u> </u>	ΞĮD	schools, churches and etc., if applicable
		sonoolo, onurones and etc., il applicable

# (continued) (Development Plan Requirements)

<b>c</b>  <		Current zoning and proposed or required building setbacks shown or labeled 100-foot farmland preservation district setback, if applicable (see Section 200A-81 O) Setback from perennial stream(s), if applicable (see Section 200A-81 S) Location, design and materials of all proposed sidewalks and/or walking trails as described in Section 200A-81 Q, if applicable Arrangement of plant material and description of plant material clearly indicated on plan in accordance with Article V (Landscape Design Standards) Subpart C (Street Tree Requirements) of the Land Development Code All land with a slope of 60 percent or greater clearly shown on plan, if applicable
	<u>"\</u> "	All land with a slope of 60 percent of greater cleany shown on plan, if applicable
<u>Road</u> Yes	<u>Details</u> No	Leastion of proposed structs/roads showing

100	no	
v		Location of proposed streets/roads showing:
		🖌 Rights-of-way
		Approximate finished road grades
		Approximate centerline curve radii (see Section 200A-81 C)
$\checkmark$	—	Cross-section of typical street for each proposed road classification used (collector, local, etc.) with indication of design standards of paving/base to be met, road width, right-of-way
		width, shoulder width, cut and fill slope, and ditch slope
$\checkmark$		Cross-section or plan view of cul-de-sac and/or alternate turnarounds with indication of design standards of paving/base to be met, road width, right-of-way width, shoulder width,
		cut and fill slope, and ditch slope
$\checkmark$		All roads or sections thereof with dead-ends or culs-de-sac no more than 2,500 feet in length
	Nla	Location and design of proposed entry gates
	14.44	
<u> </u>		Intersections at 60 degree angles or greater
~		Site triangles conforming to Section 200A-81C
	NA	Bridges and easements
		Proposed road(s) named and received name(s) approval from Henderson County Property Addressing and are designated as public/private

# Conservation Subdivision (Option)

Yes	No	
	<u> </u>	Percentage of total acreage in open space
	<u>+</u>	Primary conservation areas clearly identified
		Secondary conservation areas clearly identified
		Uses of open space clearly indicated on plan
		Bona fide agricultural operations on site
		Driveway easements clearly shown with right-of-way width and driveway length
	$\perp$	Setbacks and separation of all structures labeled or shown
	1	50 percent of proposed open space in a contiguous tract
	<u> </u>	Management Open Space Plan submitted with Development Plan

# **Other Development Plan Application Requirements**

The following information and/or other items shall be provided or otherwise addressed in writing by the submittal deadline of the application for Development Plan approval unless not applicable or specifically waived by the Subdivision Administrator\*, otherwise the application will be considered incomplete and will not be presented to the Planning Board.

Yes	No	· ·
$\checkmark$		Application Form: Filled-out and signed by property owner
	MIA	Agent Form: Filled-out and signed by property owner, if applicable
<u>√</u>		Fee
~		Development Plan (or Combined Master and Development Plan [4 full-sized copies & 1 reduced copy per Section 200A-310]). Please submit digital copies to the planning staff.
	NIA	Where connection to a public or community water and/or sewer system is required or otherwise proposed, the applicant shall submit a letter from the appropriate review authorities for the water and/or sewer system indicating that water and/or sewer system has sufficient capacity for the proposed development.
	NA	Traffic Impact Study (TIS) (Section 200-81 S(5)), if applicable
	NA	Emergency Services Impact Report (ESIR) (Section 200-81 S(5)), if applicable
	NA	List any additional attachment(s) below: (if applicable)

If no was checked for any above, please explain:

The following information shall be provided or otherwise addressed in writing by submittal deadline of the application for Development Plan approval; however, the Planning Board may conditionally approve the Development Plan subject to receipt of such information if it is not available at the time of the Planning Board review:

Yes	Nọ	
	NA	Additional information as required to adequately explain the character or services of the proposed development
	NA	Approval of intermediate water and sewer systems to be used, if applicable
	NA	Final Approval of plans for proposed water and sewer systems
$\checkmark$		Erosion and sedimentation control plan approval from Henderson County Erosion
		Control Division, evidence of submission from the Henderson County Erosion
		Control Division, or certification that no plan is required in accordance with Section 200A-
		224
$\checkmark$		Any other approvals as required by Federal, State, or Local agencies
	<u> </u>	Bridge design plans in accordance with Section 200A-81 D, if applicable
14	<u></u>	Affidavit of Understanding of Farmland Preservation District (if applicable)

If no was checked for any above, please explain:

\* Any waived item(s) must be documented on a waiver form provided by Staff

Application completed and submitted	by: Jand JARED	DERISSER, PE	_ Date:	5/2/2022	-				
COUNTY USE ONLY									
Received by:			Date:						
Comments:			· · · · · · · · · · · · · · · · · · ·						

## AFFIDAVIT OF UNDERSTANDING OF FARMLAND PRESERVATION DISTRICT

I hereby certify that I acknowledge that the Henderson County Board of Commissioners on December 18, 1991, did adopt the HENDERSON COUNTY VOLUNTARY FARMLAND PRESERVATION PROGRAM ORDINANCE whose purpose is to establish and identify designated agricultural districts to encourage the economic and financial well being of farming areas, to increase protection from nuisance suits, undesirable non-farm development and other negative impacts on participating farms, and to increase the identity and pride in the agricultural community and its way of life.

I further certify that the property I intend to develop is within 0 feet of Farmland listed in the Farmland Preservation Program and is identified as the Fruitland district on maps provided by the Henderson County Office of the Natural Resources Conservation Service.

CALL MCCRAE AND SMITH LLC (Scott E. McElrath) Name of Owner

STATE OF NORTH CAROLINA COUNTY OF HENDERSON Transy Waria

1. Laterra Conley, a Notary Public for said County and State, do hereby certify that Scott E. Mc Elrath personally appeared before me this date and acknowledged the due execution of

the foregoing instrument.

Witness by hand and official seal, this the 5th day of October, 2021.

a Retth

2026 My Commission Expires:



5/21

