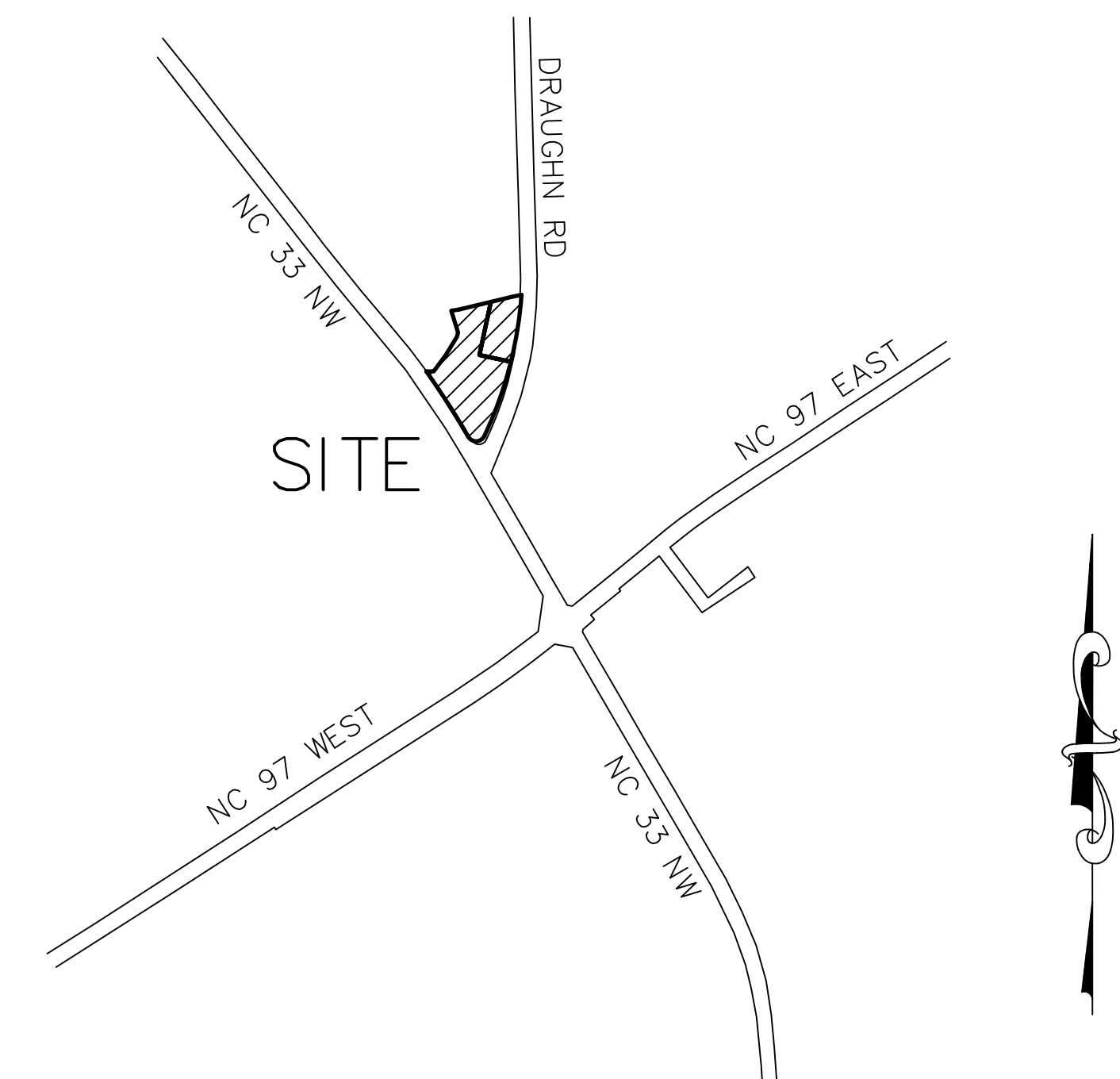


*29 Draughn Road
Town of Leggett
Edgecombe County, North Carolina
February 2025*


OWNER REPRESENTATIVE :
CHARTER CONSTRUCTION
SERVICES, INC.
2801-C NASH STREET NW
WILSON, NC 27896
TELE: (252) 265-0035

SHEET INDEX

CV	COVER SHEET
LGD	LEGEND
SP1	EXISTING CONDITIONS
SP2	OVERALL SITE LAYOUT
SP3	PHASE 1 SITE & UTILITIES PLAN
SP4	PHASE 1 GRADING PLAN
SP5	PHASE 2 DEMOLITION PLAN
SP6	PHASE 2 SITE & UTILITIES PLAN
SP7	PHASE 2 GRADING PLAN
SP8	PHASE 1 AND PHASE 2 SEDIMENTATION AND EROSION CONTROL PLAN
DT1	DETAILS
DT2	EROSION CONTROL DETAILS



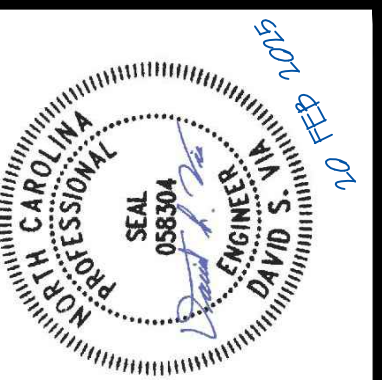
LOCATION MAP
NO SCALE

[illegible]

BARTLETT
ENGINEERING & SURVEYING, PC

1056 North Street North
Wilson, NC 27183-1728
License # C-1551

TEL: (252) 399-0704
FAX: (252) 399-0804
www.bartletteng.com



Sheet Title:	COVER SHEET
NO. 5 TOWNSHIP EDGECOMBE COUNTY Zone: B-2 Pin Number: 4811-98-7817	Project: LEGGETT VOLUNTEER FIRE DEPARTMENT

Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	N/A
Scale (Vert.):	N/A
Survey By:	
Field Book:	
Drawn By:	LR
Sheet:	

CV

Project:

NO. 5 TOWNSHIP
EDGEcombe COUNTY
Zone: B-2
Pin Number: 4811-98-7817

Project Number: 24-200
Date: FEB 2025
Client Code: CONDAW
Scale (Horz.): N/A
Scale (Vert.): N/A
Survey By:
Field Book:
Drawn By: LR
Sheet: LGD

LEGEND

LEGGETT VOLUNTEER
FIRE DEPARTMENT

Sheet Title:

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FIRE DEPARTMENT

Project:

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LEGEND

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Field Book:
Drawn By: LR
Sheet: LGD

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCGO1 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCGO1 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2.1:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(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

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting	• 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

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. 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.
4. 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.
6. 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.
3. 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.
7. 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.
3. 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.

PORABLE 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.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance 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.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. 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 accidental poisoning.
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.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection area 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.

CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. 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 lot perimeter silt fence.
4. 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.
5. 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.
6. 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 spills or overflow.
7. 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 approving authority.
8. 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.
9. Remove leaveings 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 leaveings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

CONCRETE WASHOUT STRUCTURE WITH LINER

CONCRETE WASHOUT STRUCTURE

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, the cumulative rainfall measurement for those unattended 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 other rain-measuring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event > 1.0 inch in 24 hours	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: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part II, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or reforestation, permanent ground cover). 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.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

(a) The E&S plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&S plan authority has approved these items.
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit.
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sized, designed and maintained dewatering tanks, weir tanks, and filtration systems.
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in item (c) above.
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&S Plan Documentation

The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&S measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&S plan.	Initial and date each E&S measure on a copy of the approved E&S plan or complete, date and sign an inspection report that lists each E&S measure shown on the approved E&S plan. This documentation is required upon the initial installation of the E&S measures or if the E&S measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S plan.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S measures.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&S plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.
(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.
(b) Oil spills if:
• They are 25 gallons or more,
• 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. 145-215.85.
(d) Anticipated bypasses and unanticipated bypasses.
(e) Noncompliance with the conditions of this permit that may endanger health or the 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) 856-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• 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 sediment-related issues, 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.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	• Within 24 hours , an oral or electronic notification. The report shall include an evaluation of the anticipated quality and effect of the bypass. • Within 7 calendar days , a report that includes an evaluation of the quality and effect of the bypass.
(c) Unanticipated bypasses (40 CFR 122.41(m)(3))	• 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 recurrence of the noncompliance. [40 CFR 122.41(m)(6)]. • Division staff may waive the requirement for a written report on a case-by-case basis.

NORTH CAROLINA
Environmental Quality

EXISTING BOUNDARY

EXIST. BOUNDARY AXLE
EXIST. BOUNDARY AXLE - DISTURBED
EXIST. BOUNDARY CONCRETE MONUMENT
EXIST. BOUNDARY CONCRETE MONUMENT - DISTURBED
EXIST. BOUNDARY COMPUTED POINT
EXIST. BOUNDARY BLADE
EXIST. BOUNDARY IRON PIPE
EXIST. BOUNDARY IRON PIPE - DISTURBED
EXIST. BOUNDARY NAIL
EXIST. BOUNDARY MAG NAIL
EXIST. BOUNDARY RAILROAD SPIKE
EXIST. BOUNDARY RIGHT-OF-WAY DISC (DOT)
EXIST. BOUNDARY RIGHT-OF-WAY MONUMENT (DOT)
EXIST. BOUNDARY TACK
EXIST. BOUNDARY IRON REBAR/ROD
EXIST. BOUNDARY COTTON SPINDLE

PROPOSED BOUNDARY

PROP. BOUNDARY LOT NUMBER
PROP. BOUNDARY CONCRETE MONUMENT
PROP. BOUNDARY GRANITE BOUND
PROP. BOUNDARY IRON PIPE
PROP. BOUNDARY COTTON SPINDLE

EXISTING FITTINGS

EXIST. FITTING 90° BEND
EXIST. FITTING 45° BEND
EXIST. FITTING 22.5° BEND
EXIST. FITTING 11.25° BEND
EXIST. FITTING BEND DOWN
EXIST. FITTING BEND UP
EXIST. FITTING BALL VALVE
EXIST. FITTING CROSS
EXIST. FITTING GATE VALVE
EXIST. FITTING PLUG
EXIST. FITTING REDUCER
EXIST. FITTING TEE
EXIST. FITTING WYE
EXIST. FITTING WYE

PROPOSED FITTINGS

PROP. FITTING 90° BEND
PROP. FITTING 45° BEND
PROP. FITTING 22.5° BEND
PROP. FITTING 11.25° BEND
PROP. FITTING BEND DOWN
PROP. FITTING BEND UP
PROP. FITTING BALL VALVE
PROP. FITTING CROSS
PROP. FITTING GATE VALVE
PROP. FITTING PLUG
PROP. FITTING REDUCER
PROP. FITTING TEE
PROP. FITTING WYE
PROP. FITTING WYE
PROP. FITTING CAP
PROP. FITTING PRESSURE RELIEF VALVE

EXISTING GAS

EXIST. GAS VALVE
EXIST. GAS METER

PROPOSED GAS

PROP. GAS VALVE
PROP. GAS VALVE

EXISTING GROUND (GENERAL)

EXIST. GROUND BOLLARD
EXIST. GROUND BORE
EXIST. GROUND BUSH
EXIST. GROUND DECIDUOUS TREE
EXIST. GROUND GAS MIGRATION PROBE
EXIST. GROUND MAIL BOX
EXIST. GROUND MONITORING WELL
EXIST. GROUND PERK TEST
EXIST. GROUND PINE TREE
EXIST. GROUND SPOT ELEVATION
EXIST. GROUND SIGN
EXIST. GROUND - STUMP
EXIST. GROUND WELL

PROPOSED GROUND (GENERAL)

PROP. GROUND BOLLARD
PROP. GROUND GAS MIGRATION PROBE
PROP. TREES/SHRUBS (SEE LANDSCAPE PLAN)
PROP. GROUND SPOT ELEVATION
PROP. GROUND SIGN
PROP. GROUND WELL

EXISTING ROADWAY

EXIST. ROADWAY HANDICAP PARKING LOT
EXIST. ROAD STATE NUMBER

PROPOSED ROADWAY

PROP. ROADWAY HANDICAP PARKING LOT
PROP. ROADWAY HANDICAP PARKING LOT

EXISTING SEWER

EXIST. SEWER CLEANOUT
EXIST. SEWER MANHOLE
EXIST. SEWER PUMP STATION
EXIST. SEWER SERVICE
EXIST. SEWER AIR RELEASE MANHOLE

PROPOSED SEWER

PROP. SEWER CLEAN OUT
PROP. SEWER AIR RELEASE MANHOLE
PROP. SEWER MANHOLE
PROP. SEWER SERVICE

EXISTING TELEPHONE

EXIST. TELEPHONE BOX
EXIST. TELEPHONE GUY POLE
EXIST. TELEPHONE GUY WIRE
EXIST. TELEPHONE MANHOLE
EXIST. TELEPHONE PEDESTAL
EXIST. TELEPHONE CABLE TV BOX
EXISTING TELEPHONE VAULT

PROPOSED TELEPHONE

PROP. TELEPHONE BOX
PROP. TELEPHONE PEDESTAL
PROP. TELEPHONE ASSEMBLY (PROFILE VIEW)

EXISTING WATER

EXIST. WATER BLOW-OFF
EXIST. WATER CAP
EXIST. WATER CORPORATION STOP
EXIST. WATER CURB STOP
EXIST. WATER EMERGENCY EYE WASH
EXIST. WATER FAUCET
EXIST. WATER HOT BOX
EXIST. WATER HYDRANT
EXIST. WATER METER
EXIST. WATER YARD HYDRANT
EXIST. WATER VALVE

PROPOSED WATER

PROP. WATER BLOW-OFF
PROP. WATER HOT BOX
PROP. WATER HYDRANT
PROP. WATER METER
PROP. WATER YARD HYDRANT
PROP. WATER VALVE

SEDIMENTATION AND EROSION CONTROL

LIMITS OF DISTURBANCE
SILT FENCE
CONSTRUCTION ENTRANCE/EXIT
CONCRETE WASHOUT
REINFORCED SILT FENCE OUTLET
DISSIPATOR PAD
TEMP. ROCK PIPE INLET PROTECTION

PROP. DRAINAGE ROCK CHECK DAM
PROP. DRAINAGE DROP INLET PROTECTOR
TEMP. ORANGE SAFETY FENCE / TREE PROTECTION FENCE
DEWATERING BAG
DEWATERING SILT BAG

LINE LEGEND & ABBREVIATIONS

EXISTING OVERHEAD ELECTRIC
EXISTING STORM DRAIN LINE
EXISTING SANITARY SEWER LINE
EXISTING RIGHT-OF-WAY LINE
EXISTING PROPERTY LINE
EXISTING ADJOINING PROPERTY LINE
EXISTING GAS LINE (APPROX. LOCATION)
EXISTING WATER LINE (APPROX. LOCATION)
EXISTING UNDERGROUND ELECTRIC (APPROX. LOCATION)
EXISTING UNDERGROUND TELEPHONE (APPROX. LOCATION)
PROPOSED OVERHEAD ELECTRIC
PROPOSED STORM DRAIN LINE
PROPOSED SANITARY SEWER LINE
PROPOSED RIGHT-OF-WAY LINE
PROPOSED GAS LINE
PROPOSED WATER LINE
PROPOSED UNDERGROUND ELECTRIC
PROPOSED UNDERGROUND TELEPHONE
PROPOSED DIVERSION DITCH

EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SIDEWALK
PROPOSED STORM SEWER PIPE
BACK OF CURB
CAST IRON WATER LINE
DUCTILE IRON WATER LINE
EDGE OF PAVEMENT
FINISHED FLOOR ELEVATION
GRANITE CURB
ROLL CURB
RIGHT-OF-WAY

PLEASE NOTE THAT SYMBOLS IN THIS LEGEND SHEET ARE PROVIDED FOR REFERENCE AND MAY NOT APPEAR IN THE CURRENT PLAN SET. THE INCLUSION OF A SYMBOL IN THE LEGEND DOES NOT GUARANTEE ITS USE IN THE PROJECT DRAWINGS. FOR ACCURATE INFORMATION, REFER TO THE SYMBOLS ACTUALLY PRESENT IN THE PLANS AND CONSULT THE PROJECT ENGINEER OR DESIGN TEAM WITH ANY QUESTIONS.

EXISTING BOUNDARY

EXIST. BOUNDARY AXLE
EXIST. BOUNDARY AXLE - DISTURBED
EXIST. BOUNDARY CONCRETE MONUMENT
EXIST. BOUNDARY CONCRETE MONUMENT - DISTURBED
EXIST. BOUNDARY COMPUTED POINT
EXIST. BOUNDARY BLADE
EXIST. BOUNDARY IRON PIPE
EXIST. BOUNDARY IRON PIPE - DISTURBED
EXIST. BOUNDARY NAIL
EXIST. BOUNDARY MAG NAIL
EXIST. BOUNDARY RAILROAD SPIKE
EXIST. BOUNDARY RIGHT-OF-WAY DISC (DOT)
EXIST. BOUNDARY RIGHT-OF-WAY MONUMENT (DOT)
EXIST. BOUNDARY TACK
EXIST. BOUNDARY IRON REBAR/ROD
EXIST. BOUNDARY COTTON SPINDLE

PROPOSED BOUNDARY

PROP. BOUNDARY LOT NUMBER
PROP. BOUNDARY CONCRETE MONUMENT
PROP. BOUNDARY GRANITE BOUND
PROP. BOUNDARY IRON PIPE
PROP. BOUNDARY COTTON SPINDLE

EXISTING FITTINGS

EXIST. FITTING 90° BEND
EXIST. FITTING 45° BEND
EXIST. FITTING 22.5° BEND
EXIST. FITTING 11.25° BEND
EXIST. FITTING BEND DOWN
EXIST. FITTING BEND UP
EXIST. FITTING BALL VALVE
EXIST. FITTING CROSS
EXIST. FITTING GATE VALVE
EXIST. FITTING PLUG
EXIST. FITTING REDUCER
EXIST. FITTING TEE
EXIST. FITTING WYE
EXIST. FITTING WYE

PROPOSED FITTINGS

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PROP. FITTING GATE VALVE
PROP. FITTING PLUG
PROP. FITTING REDUCER
PROP. FITTING TEE
PROP. FITTING WYE
PROP. FITTING WYE
PROP. FITTING CAP
PROP. FITTING PRESSURE RELIEF VALVE

EXISTING GAS

EXIST. GAS VALVE
EXIST. GAS METER

PROPOSED GAS

PROP. GAS VALVE
PROP. GAS VALVE

EXISTING GROUND (GENERAL)

EXIST. GROUND BOLLARD
EXIST. GROUND BORE
EXIST. GROUND BUSH
EXIST. GROUND DECIDUOUS TREE
EXIST. GROUND GAS MIGRATION PROBE
EXIST. GROUND MAIL BOX
EXIST. GROUND MONITORING WELL
EXIST. GROUND PERK TEST
EXIST. GROUND PINE TREE
EXIST. GROUND SPOT ELEVATION
EXIST. GROUND SIGN
EXIST. GROUND - STUMP
EXIST. GROUND WELL

PROPOSED GROUND (GENERAL)

PROP. GROUND BOLLARD
PROP. GROUND GAS MIGRATION PROBE
PROP. TREES/SHRUBS (SEE LANDSCAPE PLAN)
PROP. GROUND SPOT ELEVATION
PROP. GROUND SIGN
PROP. GROUND WELL

EXISTING ROADWAY

EXIST. ROADWAY HANDICAP PARKING LOT
EXIST. ROAD STATE NUMBER

PROPOSED ROADWAY

PROP. ROADWAY HANDICAP PARKING LOT
PROP. ROADWAY HANDICAP PARKING LOT

EXISTING SEWER

EXIST. SEWER CLEANOUT
EXIST. SEWER MANHOLE
EXIST. SEWER PUMP STATION
EXIST. SEWER SERVICE
EXIST. SEWER AIR RELEASE MANHOLE

PROPOSED SEWER

PROP. SEWER CLEAN OUT
PROP. SEWER AIR RELEASE MANHOLE
PROP. SEWER MANHOLE
PROP. SEWER SERVICE

EXISTING TELEPHONE

EXIST. TELEPHONE BOX
EXIST. TELEPHONE GUY POLE
EXIST. TELEPHONE GUY WIRE
EXIST. TELEPHONE MANHOLE
EXIST. TELEPHONE PEDESTAL
EXIST. TELEPHONE CABLE TV BOX
EXISTING TELEPHONE VAULT

PROPOSED TELEPHONE

PROP. TELEPHONE BOX
PROP. TELEPHONE PEDESTAL
PROP. TELEPHONE ASSEMBLY (PROFILE VIEW)

EXISTING WATER

EXIST. WATER BLOW-OFF
EXIST. WATER CAP
EXIST. WATER CORPORATION STOP
EXIST. WATER CURB STOP
EXIST. WATER EMERGENCY EYE WASH
EXIST. WATER FAUCET
EXIST. WATER HOT BOX
EXIST. WATER HYDRANT
EXIST. WATER METER
EXIST. WATER YARD HYDRANT
EXIST. WATER VALVE

PROPOSED WATER

PROP. WATER BLOW-OFF
PROP. WATER HOT BOX
PROP. WATER HYDRANT
PROP. WATER METER
PROP. WATER YARD HYDRANT
PROP. WATER VALVE

SEDIMENTATION AND EROSION CONTROL

LIMITS OF DISTURBANCE
SILT FENCE
CONSTRUCTION ENTRANCE/EXIT
CONCRETE WASHOUT
REINFORCED SILT FENCE OUTLET
DISSIPATOR PAD
TEMP. ROCK PIPE INLET PROTECTION

PROP. DRAINAGE ROCK CHECK DAM
PROP. DRAINAGE DROP INLET PROTECTOR
TEMP. ORANGE SAFETY FENCE / TREE PROTECTION FENCE
DEWATERING BAG
DEWATERING SILT BAG

LINE LEGEND & ABBREVIATIONS

EXISTING OVERHEAD ELECTRIC
EXISTING STORM DRAIN LINE
EXISTING SANITARY SEWER LINE
EXISTING RIGHT-OF-WAY LINE
EXISTING PROPERTY LINE
EXISTING ADJOINING PROPERTY LINE
EXISTING GAS LINE (APPROX. LOCATION)
EXISTING WATER LINE (APPROX. LOCATION)
EXISTING UNDERGROUND ELECTRIC (APPROX. LOCATION)
EXISTING UNDERGROUND TELEPHONE (APPROX. LOCATION)
PROPOSED OVERHEAD ELECTRIC
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PROPOSED SANITARY SEWER LINE
PROPOSED RIGHT-OF-WAY LINE
PROPOSED GAS LINE
PROPOSED WATER LINE
PROPOSED UNDERGROUND ELECTRIC
PROPOSED UNDERGROUND TELEPHONE
PROPOSED DIVERSION DITCH

EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SIDEWALK
PROPOSED STORM SEWER PIPE
BACK OF CURB
CAST IRON WATER LINE
DUCTILE IRON WATER LINE
EDGE OF PAVEMENT
FINISHED FLOOR ELEVATION
GRANITE CURB
ROLL CURB
RIGHT-OF-WAY

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PROP. BOUNDARY CONCRETE MONUMENT
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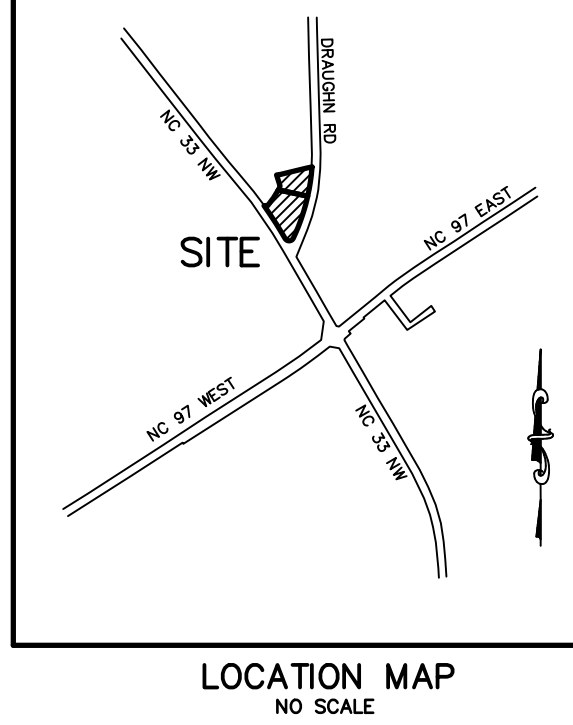
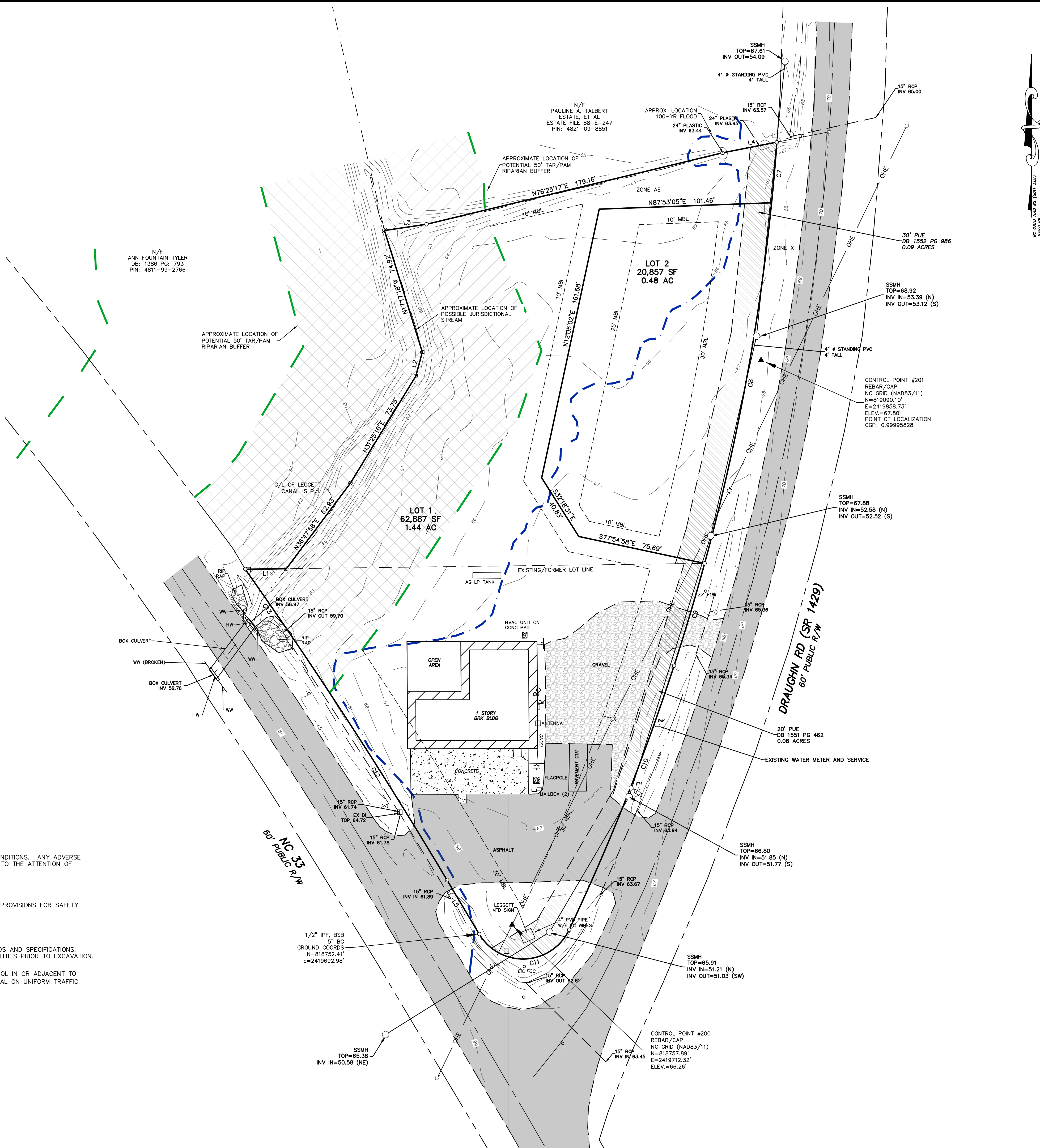
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PROPOSED BOUNDARY

PROP. BOUNDARY LOT NUMBER
PROP. BOUNDARY CONCRETE MONUMENT
PROP. BOUNDARY GRANITE BOUND
PROP. BOUNDARY

- EXISTING CONDITIONS SURVEY INFORMATION PROVIDED BY OWNER AND
GENERATED BY JOYNER KEENEY, PLLC.



SITE DATA

TOTAL LOT AREA: 130,682 S.F. / 3.00 AC.
LOT 1: 62,887 S.F. / 1.44 AC.
EXIST. IMPERVIOUS AREA: 18,955 S.F. / 0.44 AC.
LOT 2: 20,857 S.F. / 0.48 AC.
EXIST. IMPERVIOUS AREA: 0

TOTAL # LOTS: 2
ZONING: B-2
MIN. BLDG. LINES: FRONT 30'
SIDE 10'
REAR 25'

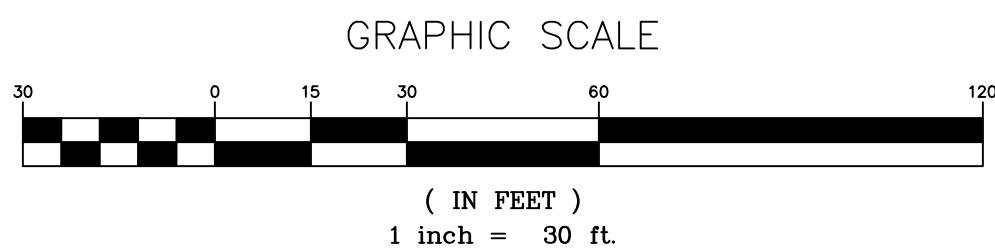
PROPERTY ADDRESS: 29 DRAUGHN RD
EXISTING LAND USAGE: FIRE DEPARTMENT
PARCEL ID No.: 4811-98-7817
4821-09-8851 (PORTION OF)

OWNER: LEGGETT VFD
29 DRAUGHN RD
TARBORO, NC 27886

REFERENCES: DEED BOOK 1303 PAGE 805
DEED BOOK 1814 PAGE 572-574
PLAT CABINET 14 SLIDE 142

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	CHORD
C7	35.821	1308.72	134°06"	N5°00'12"E 35.82
C8	216.069	1308.72	9°27'34"	N10°31'02"E 215.82
C9	62.866	1308.72	2°45'08"	S16°37'23"W 62.86
C10	167.284	1308.72	7°19'25"	S21°39'40"W 167.17
C11	64.877	30.00	123°54'24"	S87°16'53"W 52.95
C12	145.986	2813.02	2°58'24"	N32°14'49"W 145.97
C13	72.162	2813.02	1°28'11"	N34°28'07"W 72.16

Line Table		
Line #	Length	Direction
L1	24.19	N89°16'28"E
L2	14.64	N15°07'48"E
L3	25.00	N81°35'30"E
L4	32.56	N78°52'14"E
L5	36.94	N30°45'37"W



Description:

Revision date:

BARTLETT
ENGINEERING & SURVEYING, PC



EXISTING CONDITIONS

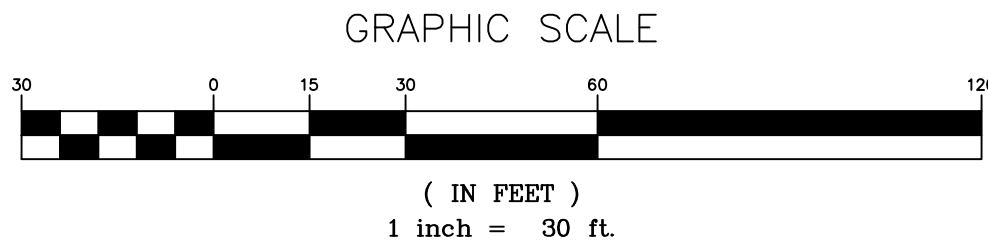
LEGGETT VOLUNTEER
FIRE DEPARTMENT

NO. 5 TOWNSHIP
EDGECOMBE COUNTY
Zone: B-2
Pin Number: 4811-08-78

Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	1" = 30'
Scale (Vert.):	N/A
Survey By:	
Field Book:	
Drawn By:	LR
Sheet:	CB1

SP1

Line Table		
Line #	Length	Direction
L1	24.19	N89°16'28"E
L2	14.64	N15°07'48"E
L3	25.00	N81°35'30"E
L4	32.56	N78°52'14"E
L5	36.94	N30°45'37"W



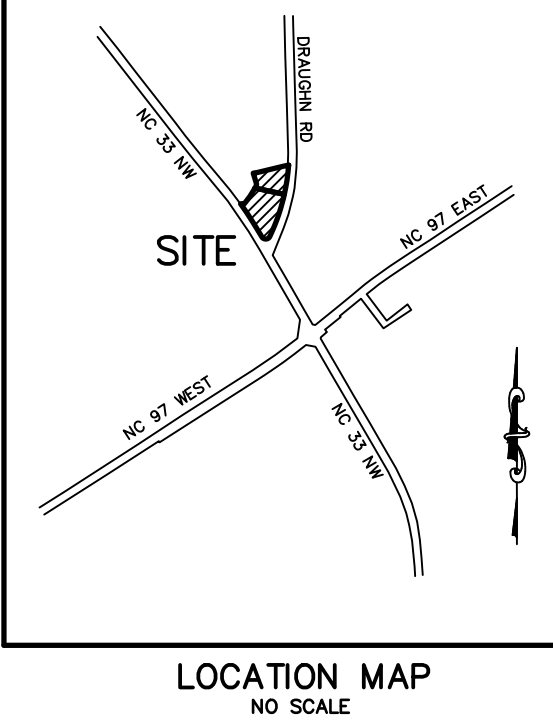

TOTAL AREA	1.92 AC (83,744 SF)
LOT 1	1.44 AC (62,887 SF)
LOT 2	0.48 AC (20,857 SF)
TOTAL # LOTS	2
ZONING	B-2
MIN. BLDG. LINES	FRONT 30' SIDE 10' REAR 25'

TOTAL AREA= 62,887 SF (1.44 AC)
 EXIST. IMPERVIOUS AREA= 18,955 SF
 NET AREA= 43,932 SF
 ADDITIONAL IMPERVIOUS AREA ALLOWED= 10,544 SF
 (24% OF NET AREA)
 TOTAL IMPERVIOUS AREA ALLOWED= 29,499 SF
 TOTAL IMPERVIOUS AREA PROPOSED= 22,961 SF

TOTAL AREA= 20,857 SF (0.48) AC
EXIST. IMPERVIOUS AREA= 0
NET AREA= 43,932 SF
IMPERVIOUS AREA ALLOWED (24%)= 5,006 SF
IMPERVIOUS AREA PROPOSED= 4,929 SF

MAX. BUILDING HEIGHT	40'
LAND USE	FIRE DEPARTMENT/STORAGE BUILDING
OWNER:	LEGGETT VFD 29 DRAUGHN RD TARBORO, NC 27886
STREET ADDRESS	29 DRAUGHN RD
PH. NO.	481-98-7817 4821-09-8851 (PORTION OF)
REFERENCES	DEED BOOK 1303 PAGE 805 DEED BOOK 1814 PAGE 572-574 PLAT CABINET 14 SLIDE 142

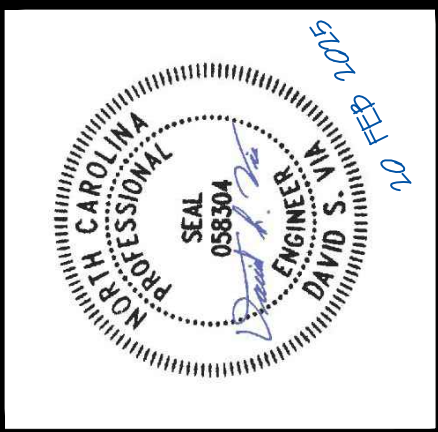
NOTE: IF DEDUCT ALT. 1 IS ACCEPTED, PROJECT WILL BE COMPLETED IN ONE PHASE.

[illegible]

BARTLETT
ENGINEERING & SURVEYING, PC

1938 West Street North
Wilson, NC 27893-1726
License # C-1551

TEL: (252) 399-0764
FAX: (252) 399-0804
www.bartletteng.com



Sheet Title:	OVERALL SITE LAYOUT	
NO. 5 TOWNSHIP EDGEcombe COUNTY Zone: B-2 Pin Number: 4811-98-7817	Project:	LEGGETT VOLUNTEER FIRE DEPARTMENT

Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	1" = 30'
Scale (Vert.):	N/A
Survey By:	
Field Book:	
Drawn By:	LR
Sheet:	

SP2

CURVE TABLE				
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L4	32.56	N78°52'14"E
L5	36.94	N30°45'37"W

SSMH
TOP=65.38
INV IN=50.58 (NE)

SSMH
TOP=65.91
INV IN=51.21 (N)
INV OUT=51.03 (SW)

SSMH
TOP=66.80
INV IN=51.85 (N)
INV OUT=51.77 (S)

SSMH
TOP=68.92
INV IN=53.39 (N)
INV OUT=53.12 (S)

30' PUE
DB 1552 PG 986
0.09 ACRES

SSMH
TOP=67.61
INV OUT=54.09

APPROX. LOCATION
100-YR FLOOD

N/F
PAULINE A. TALBERT
ESTATE, ET AL
ESTATE FILE 88-E-247
PIN: 4821-09-8851

APPROXIMATE LOCATION OF
POTENTIAL 50' TAR/PAM
RIPARIAN BUFFER

APPROXIMATE LOCATION OF
POSSIBLE JURISDICTIONAL
STREAM

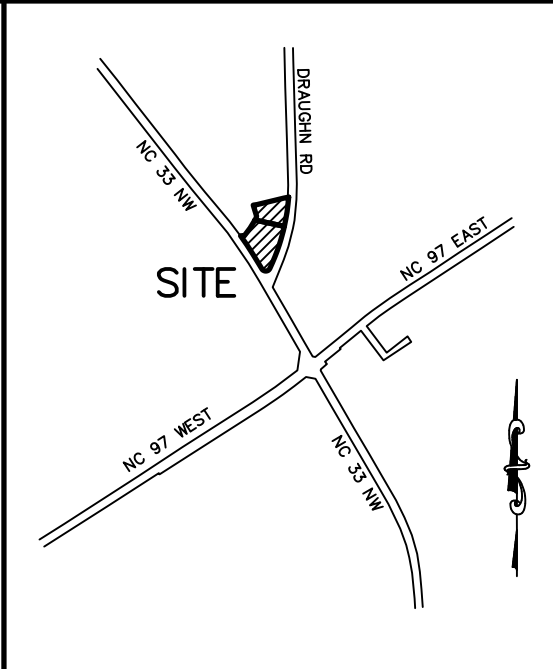
APPROXIMATE LOCATION OF
POTENTIAL 50' TAR/PAM
RIPARIAN BUFFER

N/F
ANN FOUNTAIN TYLER
DB: 1386 PG: 793
PIN: 4811-99-2766

NC 33
60' PUBLIC R/W

DRAUGHN RD (SR 1429)
60' PUBLIC R/W

NORTH
MAGNETIC
NAD 83 (2011 ADJ)
MAGNETIC



SITE DATA

TOTAL AREA	1.92 AC (83,744 SF)
LOT 1	1.44 AC (62,887 SF)
LOT 2	0.48 AC (20,857 SF)
TOTAL # LOTS	2
ZONING	B-2
MIN. BLDG. LINES	FRONT 30' SIDE 10' REAR 25'

LOT 2	TOTAL AREA= 20,857 SF (0.48) AC EXIST. IMPERVIOUS AREA= 0 NET AREA= 43,932 SF IMPERVIOUS AREA ALLOWED (24%)= 5,006 SF IMPERVIOUS AREA PROPOSED= 4,929 SF
-------	--

MAX. BUILDING HEIGHT	40'
LAND USE	FIRE DEPARTMENT/STORAGE BUILDING
OWNER:	LEGGETT VFD 29 DRAUGHN RD TARBORO, NC 27886
STREET ADDRESS	29 DRAUGHN RD
PIN NO.	4811-98-7817 4821-09-8851 (PORTION OF)
REFERENCES	DEED BOOK 1303 PAGE 805 DEED BOOK 1814 PAGE 572-574 PLAT CABINET 14 SLIDE 142

NOTES:

A PORTION OF THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA, PANEL NO. 3720481100K, DATED 6/2/2015.
NO WETLANDS HAVE BEEN DELINEATED IN THE AREA BEING DEVELOPED.
ALL DISTANCES ARE HORIZONTAL UNLESS NOTED OTHERWISE.
NO CEMETERIES FOUND ON THE PROPERTY.
AREAS COMPUTED BY COORDINATE CALCULATIONS.

ALL PROPOSED SPOT ELEVATIONS ARE ASPHALT / STONE GRADE, OR AS NOTED.
ALL OUTDOOR LIGHTING SHALL BE SHIELDED IN SUCH A MANNER THAT NO DIRECT GLARE FROM THE LIGHT SOURCE CAN BE SEEN FROM A MAJOR THOROUGHFARE, AN ADJOINING ZONING DISTRICT, OR FROM ABOVE.

ALL TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNS AND SIGNALS SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN CONFORMANCE WITH THE STANDARDS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT OR CITY R/W. ALL METHODS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.

THE UTILITY LOCATIONS SHOWN ON THIS MAP ARE APPROXIMATE ONLY, AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES. FOR ACTUAL FIELD LOCATIONS CALL 1-800-632-4949 OR 811 3 WORKING DAYS PRIOR TO CONSTRUCTION.

DRIVEWAYS TO BE CROWNED AND PARKING AREAS GRADED SUCH THAT STORMWATER DOES NOT FLOW OUT DRIVEWAYS.

ALL PARKING AND DRIVE AREAS TO BE ASPHALT OR CONCRETE.

ACCESSIBLE RAMPS SHALL HAVE SLOPE NO GREATER THAN 1:12.

ALL REQUIRED EXITS TO BE HANDICAP ACCESSIBLE.

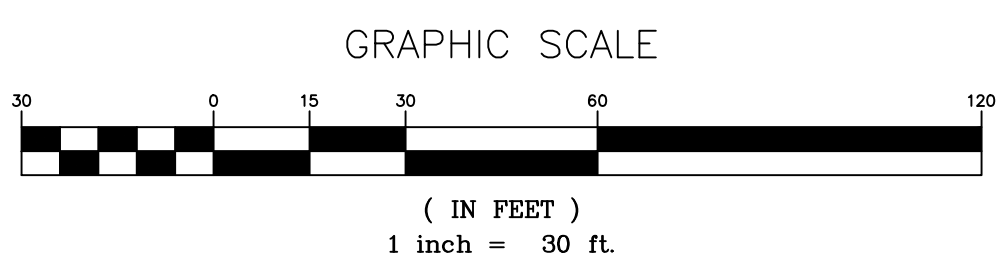
ALL HANDICAP ACCESSIBLE AREAS INCLUDING REQUIRED EXITS AND CURB CUTS FOR ACCESS SHALL CONFORM TO THE REQUIREMENTS OF NC BUILDING CODE AND ICC A117.1-2009 AMERICAN NATIONAL STANDARD (ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES). ALL HANDICAP ACCESSIBLE AREAS SHALL NOT EXCEED 1/4" PER FOOT CROSS-SLOPE.

STANDARD R7-8A RESERVE PARKING AND MAXIMUM PENALTY \$250 NGS 20-37.6 SIGNS MUST BE INSTALLED IN FRONT OF THE HANDICAP PARKING SPACES. VAN ACCESSIBLE SIGN(S) MUST BE PROVIDED IN FRONT OF ALL VAN ACCESSIBLE SPACES.

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF RELOCATION OF ANY UTILITY POLES. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING/RELOCATION OF ANY OTHER UTILITIES AS REQUIRED (INCLUDING BUT NOT LIMITED TO MANHOLE TOPS, VALVE BOXES, ETC.)

NO SEWER SERVICE REQUIRED FOR LOT 1 PHASE 1.

COORDINATE ELECTRICAL SERVICE WITH OWNER AND UTILITY PROVIDER.

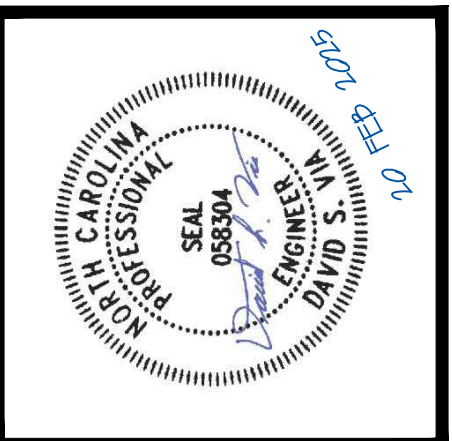


Revision date:	Description:

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1906 Nash Street North
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License # C-1531

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FAX: (252) 395-0804
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Project: **LEGGETT VOLUNTEER FIRE DEPARTMENT**

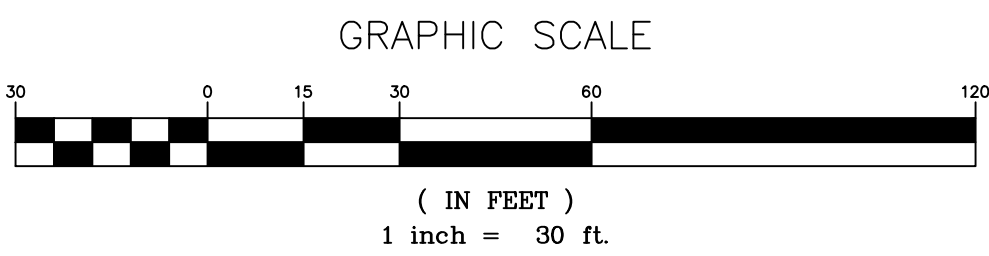
Sheet Title: **PHASE 1 SITE & UTILITIES PLAN**

NO. 5 TOWNSHIP
EDGEcombe COUNTY
Zone: B-2
Pin Number: 4811-98-7817

Project Number: 24-200
Date: FEB 2025
Client Code: CONDAW
Scale (Horz.): 1" = 30'
Scale (Vert.): N/A
Survey By:
Field Book:
Drawn By: LR
Sheet: **SP3**



THERE SHOULD BE A MINIMUM OF 3 FT OF SUITABLE FILL BETWEEN THE EXISTING MAIN AND ANY ROCK, CONCRETE OR ASPHALT INSTALLED.



Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	1" = 30'
Scale (Vert.):	N/A
Survey By:	
Field Book:	
Drawn By:	LR
Sheet:	SP4



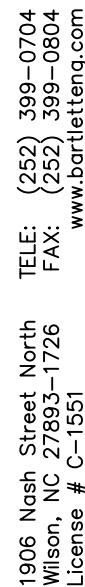
DEMOLITION NOTES:

Line Table		
Line #	Length	Direction
L1	24.19	N89°16'28"E
L2	14.64	N15°07'48"E
L3	25.00	N81°35'30"E
L4	32.56	N78°52'14"E
L5	36.94	N30°45'37"W



(IN FEET)
1 inch = 30 ft.

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ENGINEERING & SURVEYING, PC



PHASE 2 DEMOLITION PLAN

LEGGETT VOLUNTEER
FIRE DEPARTMENT

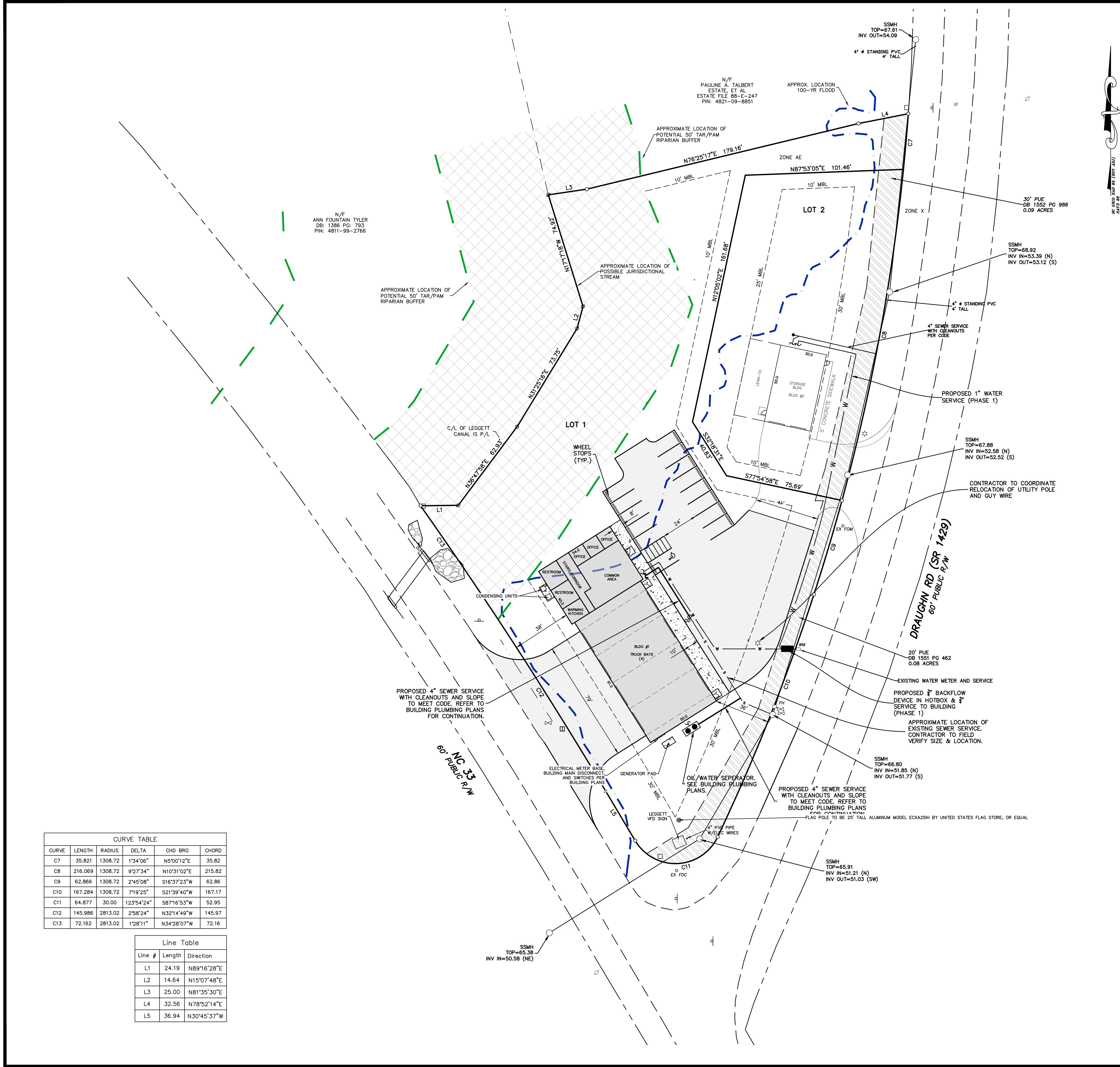
Zone: B-2

SP5

PLOT DATE: 2/20/2025 12:28:51 PM
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CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHD BRG	CHORD
C7	35.821	1308.72	1°34'06"	N5°00'12"E	35.82
C8	216.069	1308.72	9°27'34"	N10°31'02"E	215.82
C9	62.866	1308.72	2°45'08"	S16°37'23"W	62.86
C10	167.284	1308.72	7°19'25"	S21°39'40"W	167.17
C11	64.877	30.00	12°54'24"	S87°16'53"W	52.95
C12	145.986	2813.02	2°58'24"	N32°14'49"W	145.97
C13	72.162	2813.02	1°28'11"	N34°28'07"W	72.16

Line Table		
Line #	Length	Direction
L1	24.19	N89°16'28"E
L2	14.64	N15°07'48"E
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L5	36.94	N30°45'37"W



SITE DATA	
TOTAL AREA	1.92 AC (83,744 SF)
LOT 1	1.44 AC (62,887 SF)
LOT 2	0.48 AC (20,857 SF)
TOTAL # LOTS	2
ZONING	B-2
MIN. BLDG. LINES	FRONT 30'
	SIDE 10'
	REAR 25'
LOT 1	
TOTAL AREA= 62,887 SF (1.44 AC)	
EXIST. IMPERVIOUS AREA= 18,955 SF	
NET AREA= 43,932 SF	
ADDITIONAL IMPERVIOUS AREA ALLOWED= 10,544 SF	
(24% OF NET AREA)	
TOTAL IMPERVIOUS AREA ALLOWED= 29,499 SF	
TOTAL IMPERVIOUS AREA PROPOSED= 22,961 SF	

MAX. BUILDING HEIGHT	40'
PROPOSED PARKING PHASE 2	13-9x18 SPACES 1-H/C SPACE 14-TOTAL SPACES
LAND USE	FIRE DEPARTMENT
OWNER:	LEGGETT VFD 29 DRAUGHN RD TARBORO, NC 27886
STREET ADDRESS	29 DRAUGHN RD
PIN NO.	4811-98-7817 4821-09-8851 (PORTION OF)
REFERENCES	DEED BOOK 1303 PAGE 805 DEED BOOK 1814 PAGE 572-574 PLAT CABINET 14 SLIDE 142

NOTES:

A PORTION OF THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA, PANEL NO. 3720481100K, DATED 6/2/2015.

NO WETLANDS HAVE BEEN DELINEATED IN THE AREA BEING DEVELOPED.

ALL DISTANCES ARE HORIZONTAL UNLESS NOTED OTHERWISE.

NO CEMETERIES FOUND ON THE PROPERTY.

AREAS COMPUTED BY COORDINATE CALCULATIONS.

ALL PROPOSED SPOT ELEVATIONS ARE ASPHALT / STONE GRADE, OR AS NOTED.

ALL OUTDOOR LIGHTING SHALL BE SHIELDED IN SUCH A MANNER THAT NO DIRECT GLARE FROM THE LIGHT SOURCE CAN BE SEEN FROM A MAJOR THOROUGHFARE, AN ADJOINING ZONING DISTRICT, OR FROM ABOVE.

ALL TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNS AND SIGNALS SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN CONFORMANCE WITH THE STANDARDS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT OR CITY R/W. ALL METHODS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.

THE UTILITY LOCATIONS SHOWN ON THIS MAP ARE APPROXIMATE ONLY, AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES. FOR ACTUAL FIELD LOCATIONS CALL 1-800-632-4949 OR 811 3 WORKING DAYS PRIOR TO CONSTRUCTION.

DRIVEWAYS TO BE CROWNED AND PARKING AREAS GRADED SUCH THAT STORMWATER DOES NOT FLOW OUT DRIVEWAYS.

ALL PARKING AND DRIVE AREAS TO BE ASPHALT OR CONCRETE.

ACCESSIBLE RAMPS SHALL HAVE SLOPE NO GREATER THAN 1:12.

ALL REQUIRED EXITS TO BE HANDICAP ACCESSIBLE.

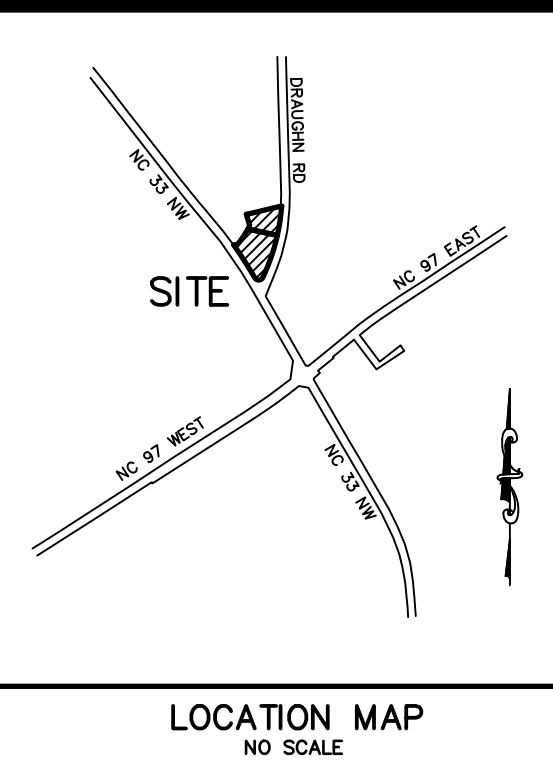
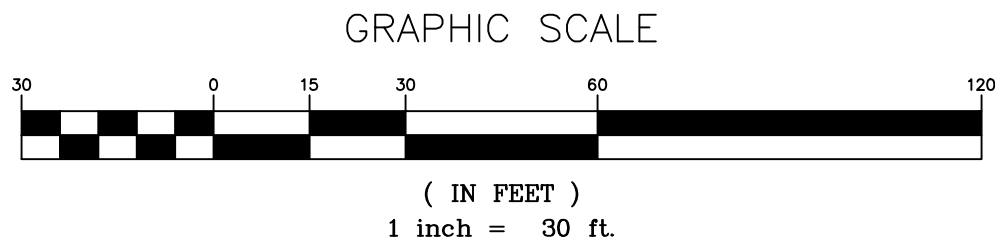
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REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND FINAL PLUMBING SIZES AND LOCATIONS.

COORDINATE ELECTRICAL SERVICE WITH OWNER AND UTILITY PROVIDER.



Revision date:

Description:

Project:

NO. 5 TOWNSHIP
EDGEcombe COUNTY
Zone: B-2
Pin Number: 4811-98-7817

Project Number: 24-200

Date: FEB 2025

Client Code: CONDAW

Scale (Horz.): 1" = 30'

Scale (Vert.): N/A

Survey By:

Field Book:

Drawn By: LR

Sheet: SP6

PHASE 2 SITE & UTILITIES PLAN

LEGGETT VOLUNTEER
FIRE DEPARTMENT

BARTLETT
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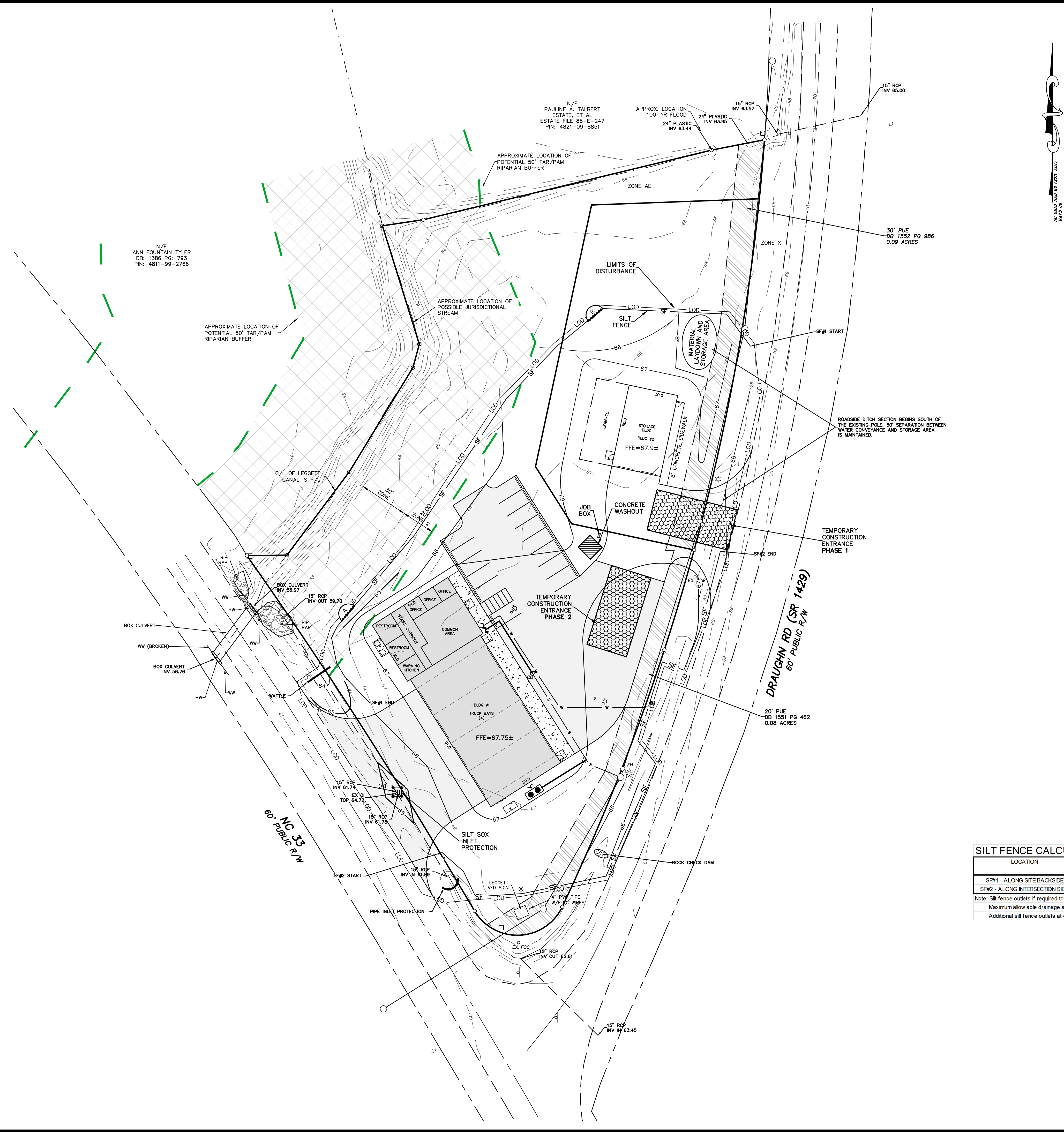
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ENGINEER
DAVID S.
FEB 2025

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Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	1" = 30'
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Survey By:	
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Sheet:	SP7



CONSTRUCTION SEQUENCE:

1. EROSION AND SEDIMENT CONTROL (EASC) PERMIT AND CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR. NO WORK TO BE DONE ON SITE UNTIL THE SEDIMENTATION AND EROSION CONTROL PLAN HAS BEEN APPROVED AND PERMIT ACQUIRED. NOTIFY THE EROSION CONTROL SPECIALIST AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND DISTURBING ACTIVITY. MAINTAIN ON SITE A RAIN GAUGE, RECORDS, COPY OF THE PERMIT AND SEDIMENT & EROSION CONTROL PLANS.
2. STOCKPILES, LAYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOILETS, AND FUELS MUST BE LOCATED AT LEAST 50 FEET AWAY FROM ANY OPEN WATER CONVEYANCES, SUCH AS BASINS, DITCHES, STORM DRAIN INLETS, ETC. THE LOCATION OF THESE ACTIVITIES MAY BE FIELD ADJUSTED IF THE DISTANCE REQUIREMENTS ARE MET.
3. PHASE CONSTRUCTION TO LIMIT TIME OF EXPOSURE AND PROVIDE GROUND COVER UNDER GUIDELINES OF THE EASC PERMIT.
4. CONTRACTOR TO CONTACT THE DEMLR RALEIGH REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITY AT PHONE NUMBER (919) 791-4200.
5. INSTALL PHASE 1 CONSTRUCTION ENTRANCE AND ALL SILT FENCE PRIOR TO ANY LAND DISTURBING ACTIVITIES (INCLUDING ANY TREE CLEARING OR DEMOLITION). CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES AS SPECIFIED ON THE APPROVED PLAN SHEET. INSTALL ALL OTHER EROSION CONTROL MEASURES AS REQUIRED BY NCDOT INCLUDING SEDIMENT BASINS AND DIVERSION DITCHES. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
6. INSTALL PHASE 1 UTILITIES.
7. BEGIN GRADING THE BUILDING PAD AND STABILIZE DISTURBED AREA. INSTALL PHASE 1 DRIVE.
8. INSTALL PHASE 2 CONSTRUCTION ENTRANCE. CONDUCT PHASE 2 DEMOLITION, REMOVE DITCH PIPE ALONG DRAUGHN RD AND GRADE DITCHES ACCORDING TO NCDOT STANDARDS. STABILIZE WITH STRAW WITH NET.
9. BEGIN PHASE 2 GRADING, INSTALL PHASE 2 UTILITIES AND INSTALL STORMWATER SYSTEM INLET PROTECTION.
10. SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL EASC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING.
11. PROVIDE TEMPORARY SEEDING AND STABILIZE ALL AREAS TO BE REVEGETATED.
12. ALL APPLICABLE EASC CONTROL MEASURES ARE TO REMAIN AND BE PROPERLY MAINTAINED UNTIL A VICARIOUS STAND OF PERMANENT VEGETATION IS ESTABLISHED AT THE END OF THE CONSTRUCTION OF THE PROJECT.
13. WHEN ALL UPLAND AREAS HAVE BEEN STABILIZED, REMOVE TEMPORARY MEASURES ONLY AFTER INSPECTION.
14. STREET IN FRONT OF THE PROJECT SITE SHALL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

MAINTENANCE:

1. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CHECKED AT LEAST ONCE EVERY WEEK AND AFTER EVERY RUN-OFF PRODUCING RAINFALL.
2. SEDIMENT SHALL BE REMOVED AND DEVICES REPAIRED AND/OR REPLACED AS NECESSARY.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND CHECK THE TEMPORARY EROSION CONTROL DEVICES DURING CONSTRUCTION.

SEEDBED PREPARATION:

CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3" DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE. RIP ENTIRE AREA 6" DEEP. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM. APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL. CONTINUE TILLAGE UNTIL A WELL PULVERIZED, REASONABLY UNIFORM SEEDBED IS PREPARED 4" TO 6" DEEP. SPREAD SEED ON FRESHLY PREPARED SEEDBED AND COVER LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACKER AFTER SEEDING. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH USING EMULSIFIED ASPHALT AT A RATE OF 435 GAL/ACRE.

HYDROSEEDING

SURFACE ROUGHENING IS PARTICULARLY IMPORTANT WHEN HYDROSEEDING, AS A ROUGHENED SLOPE WILL PROVIDE SOME NATURAL COVERAGE FOR LIME, FERTILIZER, AND SEED. THE SURFACE SHOULD NOT BE COMPACTED OR SMOOTH. FINE SEEDBED PREPARATION IS NOT NECESSARY FOR HYDROSEEDING OPERATIONS: LARGE CLOUDS, STONES, AND IRREGULARITIES PROVIDE CAVITIES IN WHICH SEEDS CAN LODGE.

RATE OF WOOD FIBER (CELLULOSE) APPLICATION SHOULD BE AT LEAST 2,000 LB/ACRE.

APPLY LEGUME INOCULANTS AT FOUR TIMES THE RECOMMENDED RATE WHEN ADDING INOCULANT TO A HYDROSEEDER SLURRY.

IF A MACHINERY BREAKDOWN OF ½ TO 2 HOURS OCCURS, ADD 50% MORE SEED TO THE TASK, BASED ON THE PROPORTION OF THE SLURRY REMAINING. THIS SHOULD COMPENSATE FOR DAMAGE TO SEED. BEYOND 2 HOURS, FULL RATE OF NEW SEED MAY BE NECESSARY.

LIME IS NOT NORMALLY APPLIED WITH A HYDRAULIC SEEDER BECAUSE IT IS ABRASIVE. IT CAN BE BLOWN ONTO STEEP SLOPES IN DRY FORM.

CRIMPING STRAW MULCH

APPLY AND CRIMP HALF OF THE REQUIRED AMOUNT OF STRAWS IN TWO DIRECTIONS BEFORE APPLYING AND CRIMPING THE REMAINING STRAWS FOR BETTER ANCHORING INTO THE GROUND.

STRAW MULCH SHALL BE OF SUFFICIENT LENGTH AND QUALITY TO WITHSTAND THE CRIMPING OPERATION.

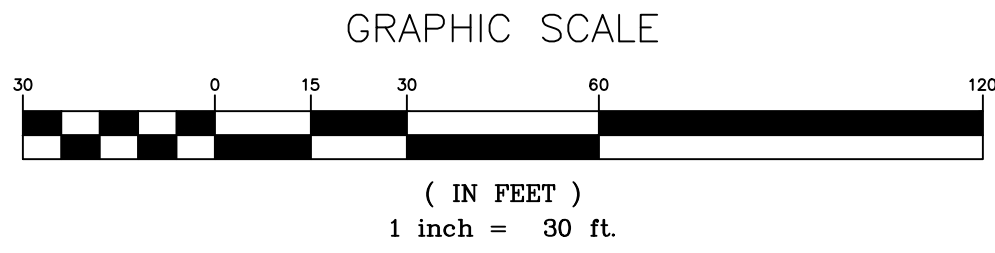
CRIMPING EQUIPMENT INCLUDING POWER SOURCE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER PROVIDING THAT MAXIMUM SPACING OF CRIMPER BLADES SHALL NOT EXCEED 8".

SILT FENCE CALCULATIONS					
LOCATION	DRAINAGE AREA	SILT FENCE (LINEAR FT)	SLOPE	MAX. AREA W/O OUTLET	SILT FENCE OUTLET
SF#1 - ALONG SITE BACKSIDE	0.57 AC.	380	4.00%	0.65 AC.	NO
SF#2 - ALONG INTERSECTION SIDE	0.46 AC.	330	2.50%	0.57 AC.	NO

Note: Silt fence outlets if required to be installed at the lowest point along the silt fence.

Maximum allowable drainage area for silt fence outlet < 1.0 acre.

Additional silt fence outlets at engineer's discretion.



Description:

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2025

SEAL

03304

ENGINEER

DAVID S.

Project:

NO. 5 TOWNSHIP
EDGEcombe COUNTY
Zone: B-2
Pin Number: 4811-98-7817

Sheet Title:

PHASE 1 & PHASE 2 EROSION CONTROL PLAN

Project Number: 24-200

Date: FEB 2025

Client Code: CONDAW

Scale (Horz.): 1" = 30'

Scale (Vert.): N/A

Survey By:

Field Book:

Drawn By: LR

Sheet: SP8

P:\PROJECT FILES\24-200 LEGGETT VFD-MAN SITE.DWG 24200SP2.DWG, 2/20/2025 12:28:51 PM

1. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CHECKED AT LEAST ONCE EVERY WEEK AND AFTER EVERY RUN-OFF PRODUCING RAINFALL.
2. SEDIMENT SHALL BE REMOVED AND DEVICES REPAIRED AND/OR REPLACED AS NECESSARY.

CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3" DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.

RIN ENTIRE AREA 6" DEEP.

REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.

APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL.

CONTINUE TILLAGE UNTIL A WELL PULVERIZED, REASONABLY UNIFORM SEEDBED IS PREPARED 4" TO 6" DEEP.

SPREAD SEED ON FRESHLY PREPARED SEEDBED AND COVER LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACKER AFTER SEEDING.

MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.

SURFACE ROUGHENING IS PARTICULARLY IMPORTANT WHEN HYDROSEEDING, AS A ROUGHENED SLOPE WILL PROVIDE SOME NATURAL COVERAGE FOR LIME, FERTILIZER, AND SEED. THE SURFACE SHOULD NOT BE COMPACTED OR SMOOTH. FINE SEEDBED PREPARATION IS NOT NECESSARY FOR HYDROSEEDING OPERATIONS. LARGE CLODS, STONES, AND IRREGULARITIES PROVIDE CAVITIES IN WHICH SEEDS CAN LODGE.

APPLY LEGUME INOCULANTS AT FOUR TIMES THE RECOMMENDED RATE WHEN ADDING INOCULANT TO A HYDROSEEDER SLURRY.

IF A MACHINERY BREAKDOWN OF $\frac{1}{2}$ TO 2 HOURS OCCURS, ADD 50% MORE SEED TO THE TASK, BASED ON THE PROPORTION OF THE SLURRY REMAINING. THIS SHOULD COMPENSATE FOR DAMAGE TO SEED. BEYOND 2 HOURS, FULL RATE OF NEW SEED MAY BE NECESSARY.

LIME IS NOT NORMALLY APPLIED WITH A HYDRAULIC SEEDER BECAUSE IT IS ABRASIVE. IT CAN BE BLOWN ONTO STEEP SLOPES IN DRY FORM.

CRIMPING CAN BE APPLIED TO AREAS ADJACENT TO ANY SECTION OF THE ROADWAY WHERE TRAFFIC IS TO BE MAINTAINED OR ALLOWED DURING CONSTRUCTION. IN AREAS WITHIN SIX FEET OF THE EDGE OF PAVEMENT, $\frac{1}{2}$ OF THE STRAW MULCH IS TO BE APPLIED AND THEN CRIMPED. AFTER THE CRIMPING OPERATION IS COMPLETE, THE OTHER HALF OF STRAW MULCH SHALL BE APPLIED AND IMMEDIATELY TACKED WITH A SUFFICIENT AMOUNT OF UNDILUTED EMULSIFIED ASPHALT.

STRAW MULCH SHALL BE OF SUFFICIENT LENGTH AND QUALITY TO WITHSTAND THE CRIMPING OPERATION.

TEMPORARY SEEDING			
SEEDING MIXTURE SPECIES	WINTER/EARLY SPRING RATE(LB/ACRE)	SUMMER RATE(LB/ACRE)	FALL RATE(LB/ACRE)
GERMAN MILLET		40	
PVE (GRAIN)	120	—	120
PARTRIDGE PEA	60	—	60
SEEDING DATES	12/1—4/15	4/15—8/15	8/15—12/30
SOIL AMENDMENTS			
LIMESTONE	2000 LB/ACRE	2000 LB/ACRE	2000 LB/ACRE
FERTILIZER(10-10-10)	750 LB/ACRE	750 LB/ACRE	1000 LB/ACRE
STRAT 4000	4000 LB/ACRE	4000 LB/ACRE	4000 LB/ACRE
EMULSIFIED ASPHALT TACK	435 GALLON/ACRE	435 GALLON/ACRE	435 GALLON/ACRE

SEEDING MIXTURE	WINTER/EARLY SPRING	SUMMER	FALL
SEED	RATE(LB/ACRE)	RATE(LB/ACRE)	RATE(LB/ACRE)
PARTRIDGE PEA	200	200	200
INDIAN GRASS	10	10	10
GERMAN MILET	2	2	2
SEEDING DATES	2/1-4/15	5/1-8/15	8/25-10/1
SOIL AMENDMENTS			
LIME	3000-5000 LBS/ACRE	3000-5000 LBS/ACRE	3000-5000 LBS/ACRE
FERTILIZER(10-10-10)	1000 LB/ACRE	1000 LB/ACRE	1000 LB/ACRE
40-0-0	4000 LB/ACRE	4000 LB/ACRE	4000 LB/ACRE
EMULSIFIED ASPHALT TACK	435 GALLON/ACRE	435 GALLON/ACRE	435 GALLON/ACRE

WATER	200 LB/ACRE
SEED	500 LB/ACRE
FERTILIZER	2000 LB/ACRE
STRAW MULCH	100 LB/ACRE
TACKIFIER	

SOME RECOMMENDED GRASS SPECIES MAY REQUIRE TWO YEARS FOR ESTABLISHMENT, DEPENDING ON SITE CONDITIONS. INSPECT SEEDBED AREA FOR FAILURE AND MAKE NECESSARY REPAIRS, SOIL AMENDMENTS, AND RESEEDINGS. IF WEEDY EXOTIC SPECIES HAVE OVERTAKEN THE AREA AFTER THE FIRST GROWING SEASON, THE INVADING SPECIES MUST BE ERADICATED TO ALLOW NATIVE SPECIES TO GROW. NATIVE VEGETATIONS ARE DIFFICULT TO MANAGE AND TAKE LONGER TO ESTABLISH. MONITOR THE SITE UNTIL LONG TERM STABILITY HAS BEEN ESTABLISHED.



STOCKPILE STABILIZATION

STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.



1. THE BASE OF BOTH END POSTS SHOULD BE AT LEAST ONE FOOT HIGHER THAN THE MIDDLE OF THE FENCE. CHECK WITH A LEVEL IF NECESSARY.
2. INSTALL ALL 4 FEET APART IN CRITICAL AREAS AND 6 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 2 FEET DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC FABRIC. ENTAILS 6 THREE TIE SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NAILS FACING AWAY FROM THE SILT FABRIC.
5. STAKE THE FABRIC FABRIC, ENTAILS 6 THREE TIE SUPPORT THE FABRIC WITHIN THE TOP 8 INCHES OF THE FABRIC. ATTACH EACH DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCH AT LEAST 1 INCH VERTICALLY APART. ALSO, EACH TIE SHOULD BE STAKED TO THE FABRIC ON A POST.
6. WRAP APPROXIMATELY 6 INCHES OF FABRIC AROUND THE END POSTS AND SECURE WITH 3
7. NO MORE THAN 24 INCHES OF A 36 INCH FABRIC IS ALLOWED ABOVE THE GROUND LEVEL.
8. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE PROCEEDING WITH THE CONSTRUCTION.
9. COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, THE REAR WHEEL OF THE TRACTOR, OR A ROLLER. COMPACT THE FABRIC FABRIC, COMPACT THE FABRIC FABRIC FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF 4 TRIPS.

INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.

REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.

REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

1. USE A SYNTHETIC FILTER FABRIC OF AT LEAST 95% BY WEIGHT OF POLYOLEFINS OR POLYESTER, WHICH IS CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS IN ASTM D 6461, WHICH IS SHOWN IN PART IN TABLE 6.62B. SYNTHETIC FILTER FABRIC SHOULD CONTAIN ULTRA VIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE MINIMUM OF 6 MONTHS OF EXPECTED USAGE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0° F TO 100° F.
2. ENSURE THAT POSTS FOR SEDIMENT FENCES ARE 1.25 LB/LINEAR FT MINIMUM STEEL WITH A MINIMUM LENGTH OF 5 FEET. MAKE SURE THAT STEEL POSTS HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC.

Temporary Silt Fence Material Property Requirements					
	Test Material	Units	Supported/ ¹ Silt Fence	Un-Supported/ ¹ Silt Fence	Type of Value
Grab Strength	ASTM D 4632	N (lbs)			
Machine Direction			400 (90)	550 (90)	MARV
X-Machine Direction			400 (90)	450 (90)	MARV
Permittivity ²	ASTM D 4491	sec-1	0.05	0.05	MARV
Apparent Opening Size ²	ASTM D 4751	mm	0.60	0.60	Max ARV ³
		(US Sieve #)	(30)	(30)	
Ultraviolet Stability	ASTM D 4355	Retained Strength	70% after 500h of exposure	70% after 500h of exposure	Typical

¹ Silt Fence support shall consist of 14 gauge steel wire with a mesh spacing of 150 mm (6 inches), or prefabricated polymer mesh of equivalent strength.

² These default values are based on empirical evidence with a variety of sediment. For environmentally sensitive areas, a review of previous experience and site or locally specific geotextile tests in accordance with Test Method D 5141 should be performed.

³ By the agency to confirm suitability of these requirements.

⁴ As measured in accordance with Test Method D 4632.

1. CONSTRUCT THE SEDIMENT BARRIER OF STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRIC.
2. ENSURE THE HEIGHT OF THE SEDIMENT FENCE DOES NOT EXCEED 24 INCHES ABOVE THE GROUND SURFACE. (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.)
3. SECURE THE FENCE FROM A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER CLOTH ONLY AT A SUPPORT POST WITH A FEET MINIMUM OVERLAP TO THE NEXT POST. SECURE THE JOINTS WITH WIRE OR PLASTIC ZIP TIES TO THE MINIMUM 50 POUND TENSILE STRENGTH.
4. SECURE THE WIRE MESH SUPPORT FENCE IS EMBEDDED INTO THE TRENCH TO 12 INCHES. SECURE THE EXTRA STRENGTH FILTER FABRIC WITH 6 FEET POST SPACING DOES NOT REQUIRE WIRE OR MESH SUPPORT FENCE. SECURELY FASTEN THE FILTER FABRIC DIRECTLY TO POSTS. WIRE OR MESH SUPPORT FENCE SHOULD HAVE:
5. EXCAVATE A TRENCH APPROXIMATELY 4 INCHES WIDE AND 8 INCHES DEEP ALONG THE PROPOSED LOCATION OF THE SEDIMENT BARRIER.
6. PLACE 2 INCHES OF FABRIC ALONG THE BOTTOM OF THE TRENCH.
7. BACKFILL THE TRENCH WITH SOIL PLACED OVER THE FILTER FABRIC AND COMPACT.
8. ENSURE THE PROTECTION OF THE SEDIMENT BARRIER IS SUFFICIENT TO SIFT FENCE PERFORMANCE. DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.



1. MATERIALS USED IN THE COMPOST SOCK MUST MEET THE SPECIFICATIONS OUTLINED IN THE NC EROSION CONTROL AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL FOR COMPOST SOCKS AND COMPOST BLANKETS.
2. THE COMPOST SOCKS SHOULD BE PLACED ON THE EROSION CONTROL SURFACE TO BE PROTECTED, SHOWN PRIOR TO INSTALLATION, CLEAR ALL OBSTRUCTIONS INCLUDING ROCKS, CLODS, AND OTHER DEBRIS GREATER THAN 1/2" IN DIAMETER.
3. COMPOST SOCKS SHOULD BE INSTALLED PARALLEL TO THE TOE OF A GRADED SLOPE, A MINIMUM OF 10 FEET BEHIND THE SLOPE. SLOPE SLOSHES LOCATED ON A GRADED SLOPE SHOULD BE INSTALLED 10 FEET FROM THE TOE OF THE SLOPE-TOE DISTURBANCE. THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.
4. COMPOST SOCKS SHOULD BE PLACED TO THE DESIRED LENGTH SUCH THAT LOGS DO NOT DEFORM, OAK OR OTHER DURABLE HARDWOOD STAKES 2" X 2" IN CROSS SECTION SHOULD BE DRIVEN VERTICALLY PLUMB, 12 INCHES APART, THROUGH THE SOCKS TO THE SUBSTRATE. THE STAKES SHOULD BE DRIVEN TO THE TOE OF THE SLOPE OR A MAXIMUM INTERVAL OF 8 FEET IF THE SOCK IS PLACED IN A 4 INCH TRENCH. THE STAKES SHOULD BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCK.
5. COMPOST SOCKS SHOULD BE PLACED TO THE DESIRED LENGTH SUCH THAT LOGS DO NOT DEFORM, OAK OR OTHER DURABLE HARDWOOD STAKES 2" X 2" IN CROSS SECTION SHOULD BE DRIVEN VERTICALLY PLUMB, 12 INCHES APART, THROUGH THE SOCKS TO THE SUBSTRATE. THE STAKES SHOULD BE DRIVEN TO THE TOE OF THE SLOPE OR A MAXIMUM INTERVAL OF 8 FEET IF THE SOCK IS PLACED IN A 4 INCH TRENCH. THE STAKES SHOULD BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCK.
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9. COMPOST SOCKS ARE NOT BE USED IN PERENNIAL OR INTERMITTENT STREAMS.

INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1 INCH OR GREATER). REMOVE INSULATED SEDIMENT AND ANY DEBRIS. THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN. IF PONDING COMPOST IS EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR DIFFERENT MEASURE. THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLODGED. THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY ESTABLISHED.

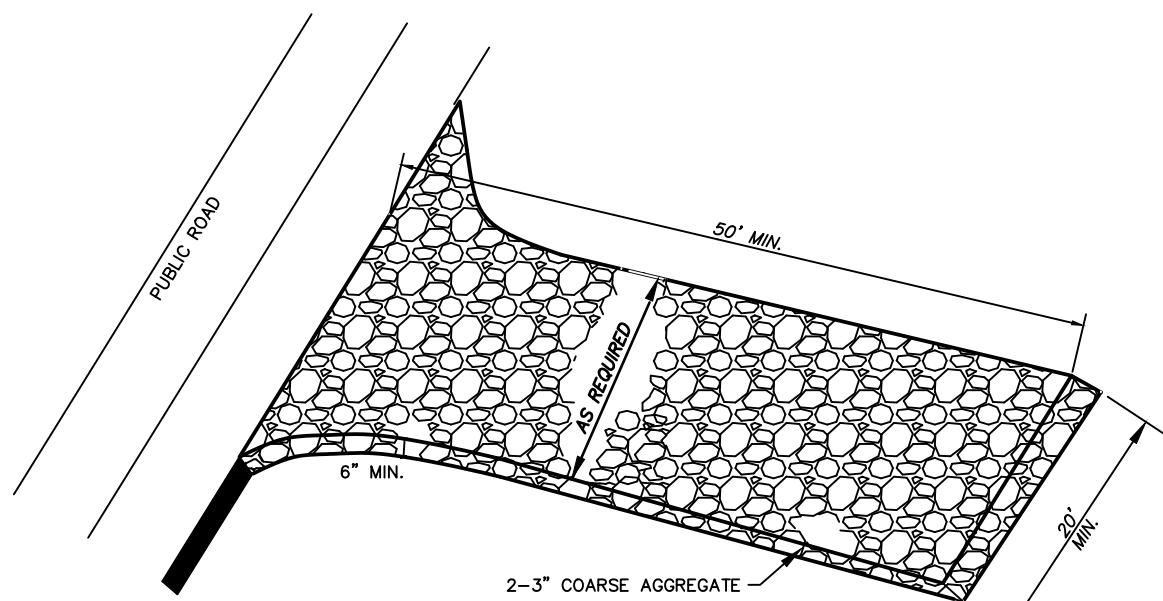
DISPOSAL/RECYCLING:

COMPOST MEDIA IS A COMPOSTED ORGANIC PRODUCT RECYCLED AND MANUFACTURED FROM LOCAL GENERATED ORGANIC, NATURAL, AND BIOLOGICALLY BASED MATERIALS. ONCE ALL SOIL HAS BEEN STABILIZED AND CONSTRUCTION ACTIVITY HAS BEEN COMPLETED, THE COMPOST MEDIA MAY BE DISPERSED WITH A LOADER, RAKE, BULDOZER OR OTHER MEANS OF APPLICATION. THE COMPOST MEDIA MAY BE APPLIED TO THE SOIL SURFACE OR MIXED INTO IT TO AID IN PERMANENT SEEDING OR OTHER SEEDING DEVICES. LEAVING THE COMPOST MEDIA ON SITE REDUCES REMOVAL AND DISPOSAL COSTS COMPARED TO OTHER SEEDING DEVICES. THE MESH NETTING MEDIA WILL BE EXTRACTED FROM THE COMPOST MEDIA AND DISPOSED OF AT THE PHOTOGRAPHIC DEVELOPMENT AND PRINTING MATERIALS WASTE TREATMENT PLANT. IF LEFT ON SITE, BIODEGRADABLE MESH NETTING MATERIAL IS AVAILABLE AND DOES NOT NEED TO BE EXTRACTED AND REMOVED. USE OF ANY OF THE ABOVE METHODS OF DISPOSAL OF THE COMPOST MEDIA WILL TAKE FROM 12 TO 20 YEARS. COMPOST SOCKS COMPLETELY ELIMINATES THE NEED AND COST OF REMOVAL AND DISPOSAL.

NO SCALE



HARDWARE CLOTH & GRAVEL INLET PROTECTION
NO SCALE



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

MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-3 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.

FOR CROSSINGS OVER CHANNELS/DITCH, INSPECT BLOCKAGE, EROSION OF ABUTMENTS, CHANNEL SCOUR, RIPRAP DISPLACEMENT, OR PIPING. MAKE ALL REPAIRS IMMEDIATELY TO PREVENT FURTHER DAMAGE TO THE INSTALLATION

NO SCALE

[illegible]

BARTLETT
ENGINEERING & SURVEYING, PC



EROSION CONTROL DETAILS

LEGGETT VOLUNTEER
FIRE DEPARTMENT

NO. 5 TOWNSHIP
EDGECOMBE COUNTY
Zone: B-2

Project Number:	24-200
Date:	FEB 2025
Client Code:	CONDAW
Scale (Horz.):	N/A
Scale (Vert.):	N/A
Survey By:	
Field Book:	
Drawn By:	LR
Sheet:	