

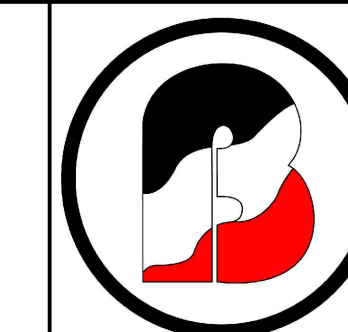
SEDIMENTATION & EROSION CONTROL PLAN
for
BUILDING DEMOLITION

WILSON MALL

1501 WARD BOULEVARD - LOT 1
CITY OF WILSON

WILSON COUNTY, NORTH CAROLINA

JULY 2023



BARTLETT
ENGINEERING & SURVEYING, PC
1906 NASH STREET NORTH
WILSON, N.C. 27893-1726
LICENSE# C-1551
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www.bartletteng.com

COVER SHEET

1501 WARD BLVD - LOT 1
CITY OF WILSON
WILSON, NORTH CAROLINA

DATE: JUL 2023
SURVEY BY:
DRAWN BY: LR
CLIENT CODE: WC
PROJECT: 23-326
CADFILE: 23326SE1
SCALE: NTS

REVISIONS

SHEET

CV

SITE DATA:

SITE DATA:

TOTAL AREA 43.0 AC
ZONING HC
NO. OF LOTS 1
PARCEL ID NUMBER 3712-50-3423
PROPERTY REFERENCE PLAT BOOK 44 PAGE 83

MINIMUM BUILDING LINES:

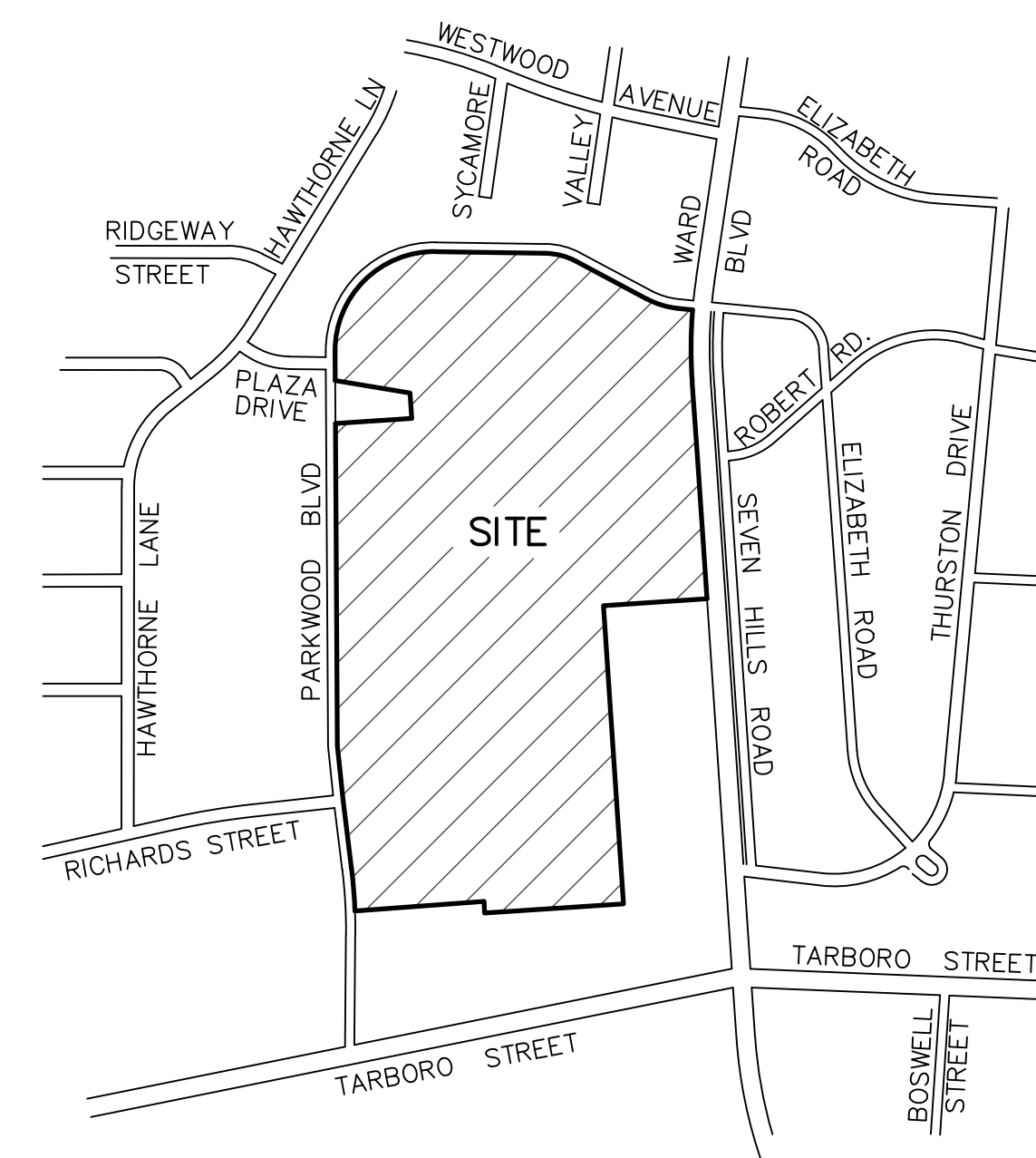
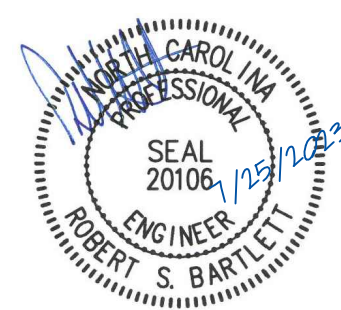
FRONT 30'
SIDE 10'
SIDE STREET 30'
REAR 30'

OWNERS/DEVELOPER:

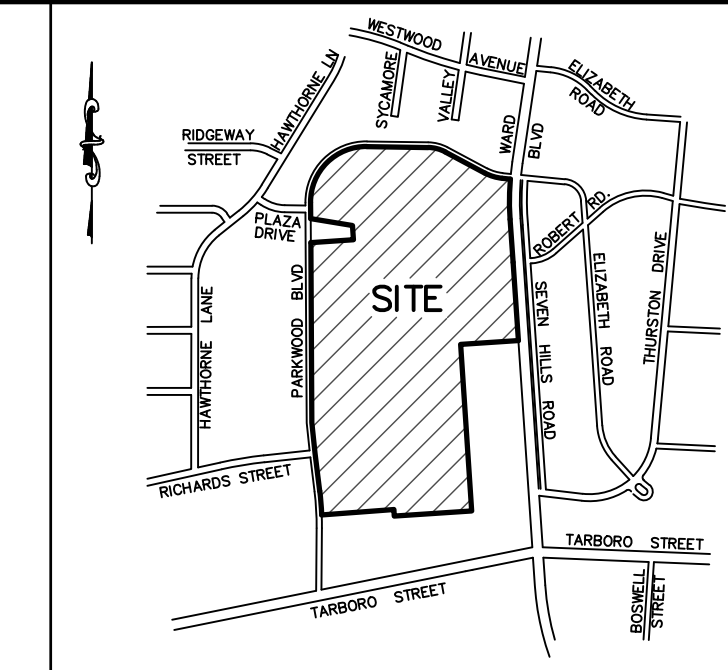
H/S WILSON, LLC &
H/S WILSON OUTPARCELS, LLC
1190 INTERSTATE PARKWAY
AUGUSTA, GA 30909

INDEX OF SHEETS

- CV COVER SHEET
- SE1 OVERALL SITE
- SE2 SEDIMENTATION & EROSION CONTROL PLAN
- DT1 S&E DETAILS
- DT2 S&E NCG01 DETAILS



LOCATION MAP
NO SCALE



LOCATION MAP
NO SCALE

SITE DATA

AREA: 43.0 ACRES
 ZONE: HC
 MIN. BUILDING LINES: FRONT - 30'
 SIDE - 10'
 REAR - 30'
 STREET ADDRESS: 1501 WARD BOULEVARD

LEGEND

○ EXISTING IRON PIPE
 □ EXISTING PK NAIL

Line Table

Line #	Length	Direction
L1	19.23	N00°09'32"E
L2	92.93	N00°09'32"E
L5	110.73	S03°48'57"E
L6	9.67	N86°18'03"E
L7	20.00	S86°08'57"W
L8	36.62	S02°44'01"E
L9	124.35	S04°06'18"W
L10	135.32	N87°03'42"W
L11	123.85	N04°24'18"E
L12	134.68	S87°16'51"E

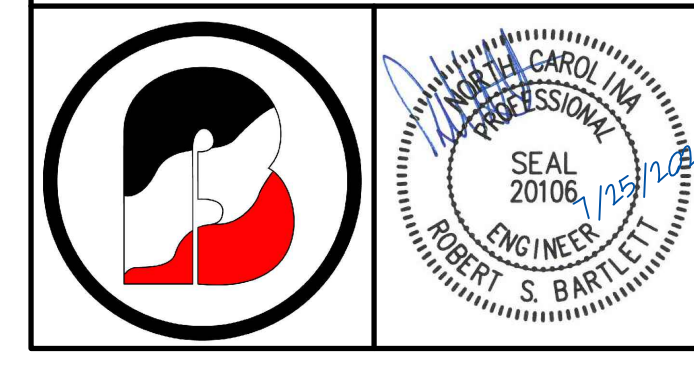
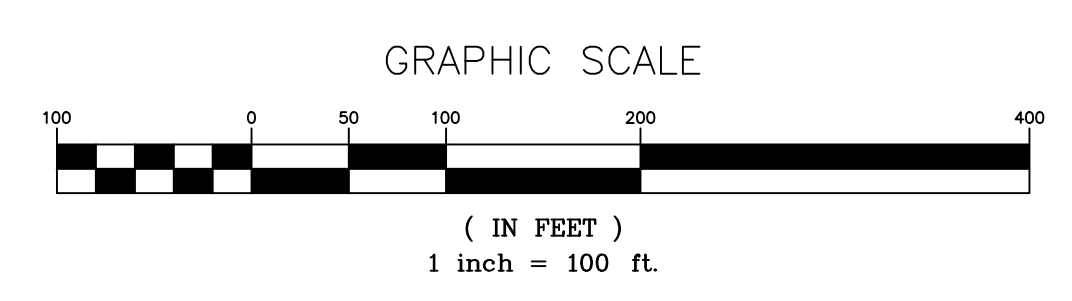
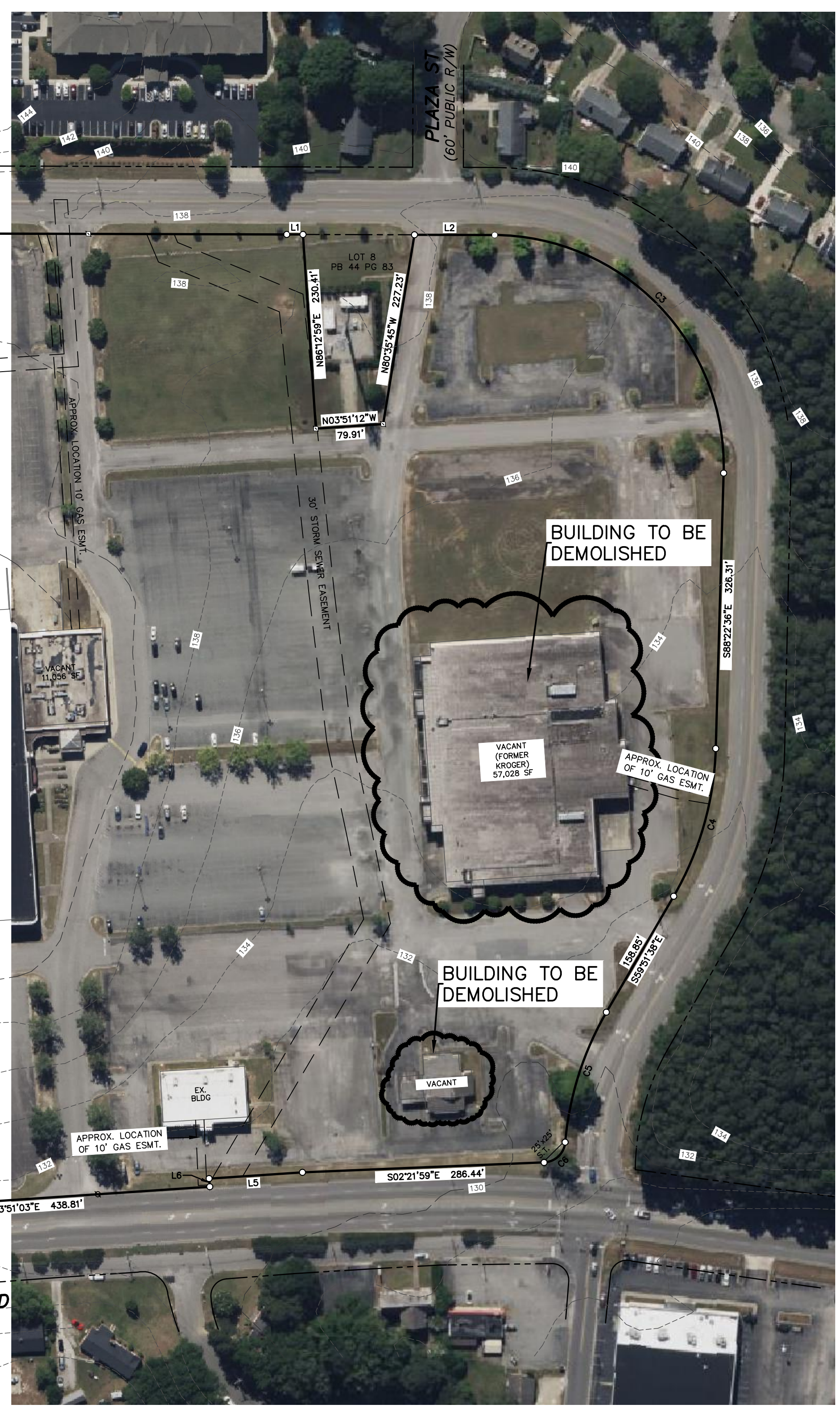
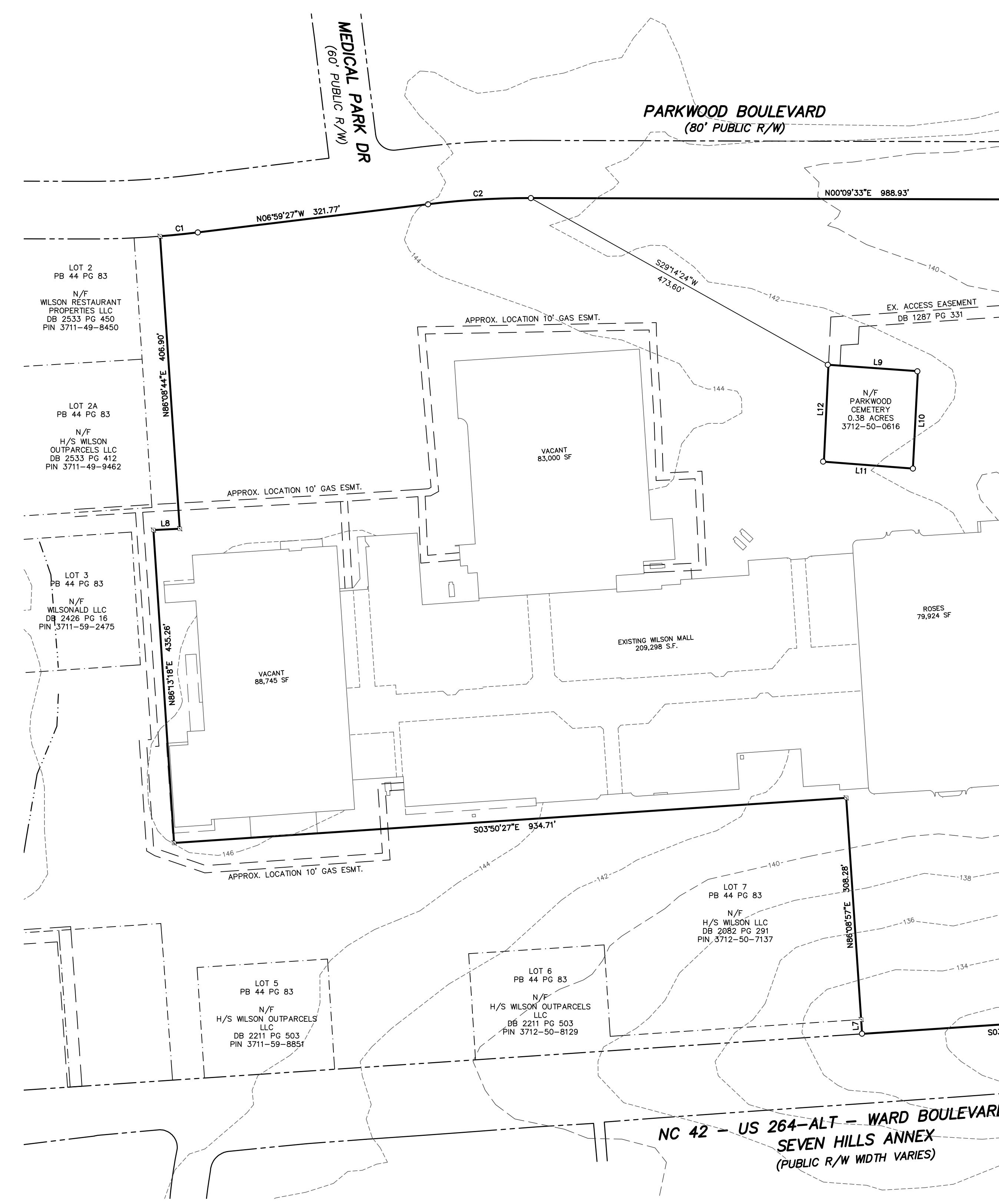
CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHD BRG	CHORD
C1	52.629	1224.44	2°27'46"	N5°45'34"W	52.63
C2	142.818	1144.24	7°09'05"	S32°4'56"E	142.73
C3	437.449	274.03	91°27'52"	S45°53'28"W	392.46
C4	183.781	369.26	28°30'58"	N74°07'07"W	181.89
C5	162.925	371.54	25°07'30"	S72°25'23"E	161.62
C6	37.650	26.11	82°37'09"	N43°40'33"W	34.47

PROJECT NARRATIVE:

THIS PROJECT IS FOR DEMOLITION OF THE VACANT BUILDINGS ON SITE AND REMOVAL OF CONCRETE BUILDING PADS AND SIDEWALKS. CURB AND GUTTER TO REMAIN IN PLACE (NO OFFSITE DRAINAGE TO INFILTRATE THE DISTURBED AREA).

AREA AROUND BUILDINGS TO BE DEMOLISHED IS ASPHALT PARKING LOT, WHICH WILL REMAIN UNDISTURBED. NO SOIL OR SILT TO BE ADDED TO MATERIAL STOCKPILE. MATERIAL STOCKPILE TO BE USED FOR REMOVAL OF BUILDING MATERIAL.



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OVERALL SITE

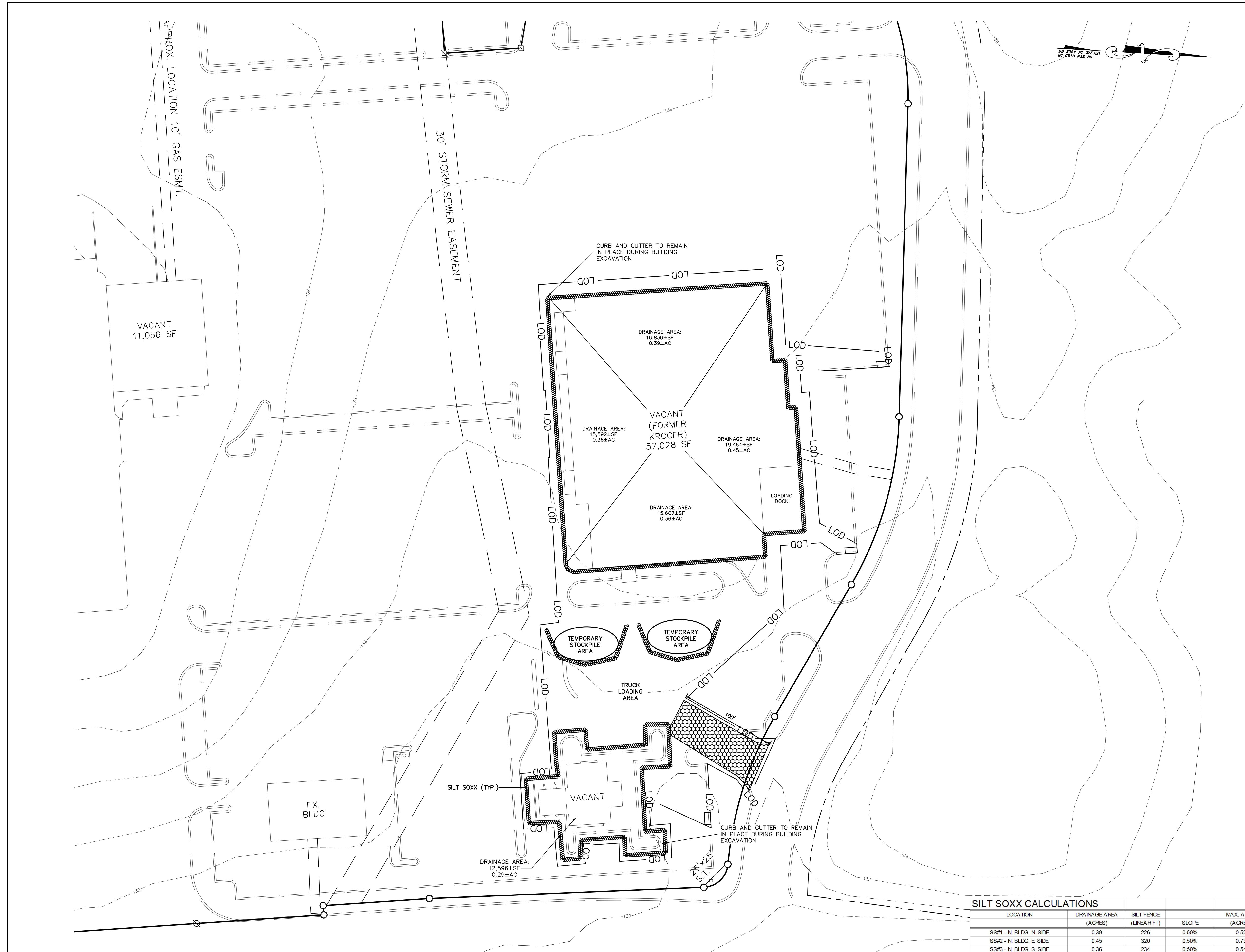
1501 WARD BOULEVARD - LOT 1
 WILSON, NC

DATE: JUL 2023
 SCALE(HORIZ): 1"=100'
 SCALE(VERT): N/A
 REVISIONS:

PROJECT: 23-326
 CLIENT CODE: WC
 CADFILE: 23326SE1
 FIELD BOOK:
 DRAWN BY: LR
 SURVEY BY:

CITY OF WILSON WILSON COUNTY
 NORTH CAROLINA ZONE: HC
 PIN # SHEET SE1

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- CONSTRUCTION SEQUENCE:**
1. EROSION AND SEDIMENT CONTROL (E&S) 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. CONTACT THE DEMLR RALEIGH REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND-DISTURBING ACTIVITY AT (919) 791-4200. MAINTAIN ON SITE A RAIN GAUGE, RECORDS, COPY OF THE PERMIT AND SEDIMENT & EROSION CONTROL PLANS.
 2. EROSION AND SEDIMENT CONTROL (E&S) PERMIT AND CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (e-NOI) FORM AT DEMNR.GOV/NOI. THE e-NOI MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE E&S PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION. <https://demnr.nc.gov/about/divisions/erosion-sediment-control/forms>
 3. INSTALL CONSTRUCTION ENTRANCE, CATCH BASIN INLET PROTECTION, AND SILT SOXX PROTECTION TO PLANS.
 4. BEGIN DEMOLITION OF BUILDINGS. REMOVE THE BUILDING STRUCTURES. ONCE BUILDING STRUCTURES ARE REMOVED, REMOVE CONCRETE SLABS AND SIDEWALKS FROM THE SITE.
 5. DEMOLISHED MATERIAL TO BE STORED IN THE TEMPORARY MATERIAL STOCKPILE. IF ANY OBVIOUS SEDIMENT IS PRESENT ON DEMOLISHED MATERIAL, REMOVE IT PRIOR TO PLACING IN THE STOCKPILE.
 6. 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 E&S 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.
 7. PROVIDE TEMPORARY SEEDING AND STABILIZE ALL AREAS TO BE REVEGETATED.
 8. ALL APPLICABLE E&S CONTROL MEASURES ARE TO REMAIN AND BE PROPERLY MAINTAINED UNTIL A VIGOROUS STAND OF PERMANENT VEGETATION IS ESTABLISHED AT THE END OF THE CONSTRUCTION OF THE PROJECT.
 9. WHEN ALL UPLAND AREAS HAVE BEEN STABILIZED, REMOVE TEMPORARY MEASURES ONLY AFTER INSPECTION FROM THE DEMLR RALEIGH REGIONAL OFFICE.
 10. 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.

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 CLODS, 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 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 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".

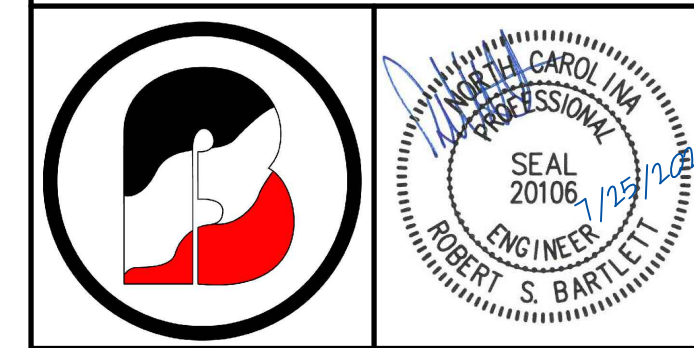
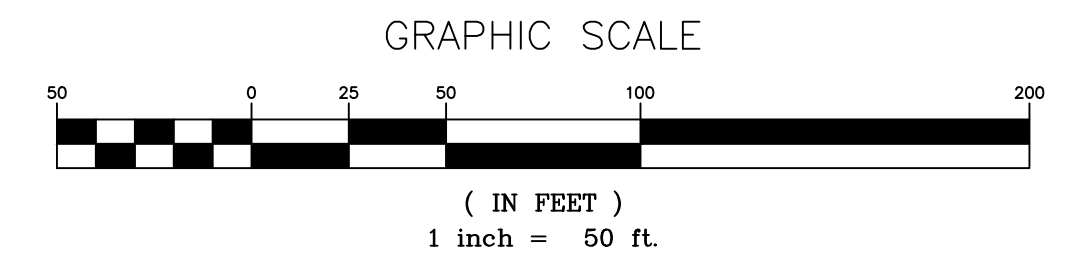
DISTURBED AREA = 3.26 ACRES±

- EROSION CONTROL LEGEND**
- EXISTING CONTOUR
 - LIMITS OF DISTURBANCE
 - SILT FENCE (TEMPORARY)
 - CONSTRUCTION ENTRANCE/EXIT (TEMPORARY)
 - SILT SOXX (TEMPORARY)
 - CATCH BASIN INLET PROTECTION (TEMPORARY)

SILT SOXX CALCULATIONS

LOCATION	DRAINAGE AREA (ACRES)	SILT FENCE (LINEAR FT)	SLOPE	MAX. AREA (ACRES)	SILT FENCE OUTLET
SS#1 - N BLDG, N SIDE	0.39	226	0.50%	0.52	NO
SS#2 - N BLDG, E SIDE	0.45	320	0.50%	0.73	NO
SS#3 - N BLDG, S SIDE	0.36	234	0.50%	0.54	NO
SS#4 - N BLDG, W SIDE	0.36	270	0.50%	0.62	NO
SS#5 - S BLDG	0.29	686	0.50%	1.57	NO

Note: Silt fence outlets if required to be installed at the low est point along the silt fence
Maximum allowable drainage area for silt fence outlet < 1.0 acre.



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SEDIMENTATION & EROSION CONTROL PLAN

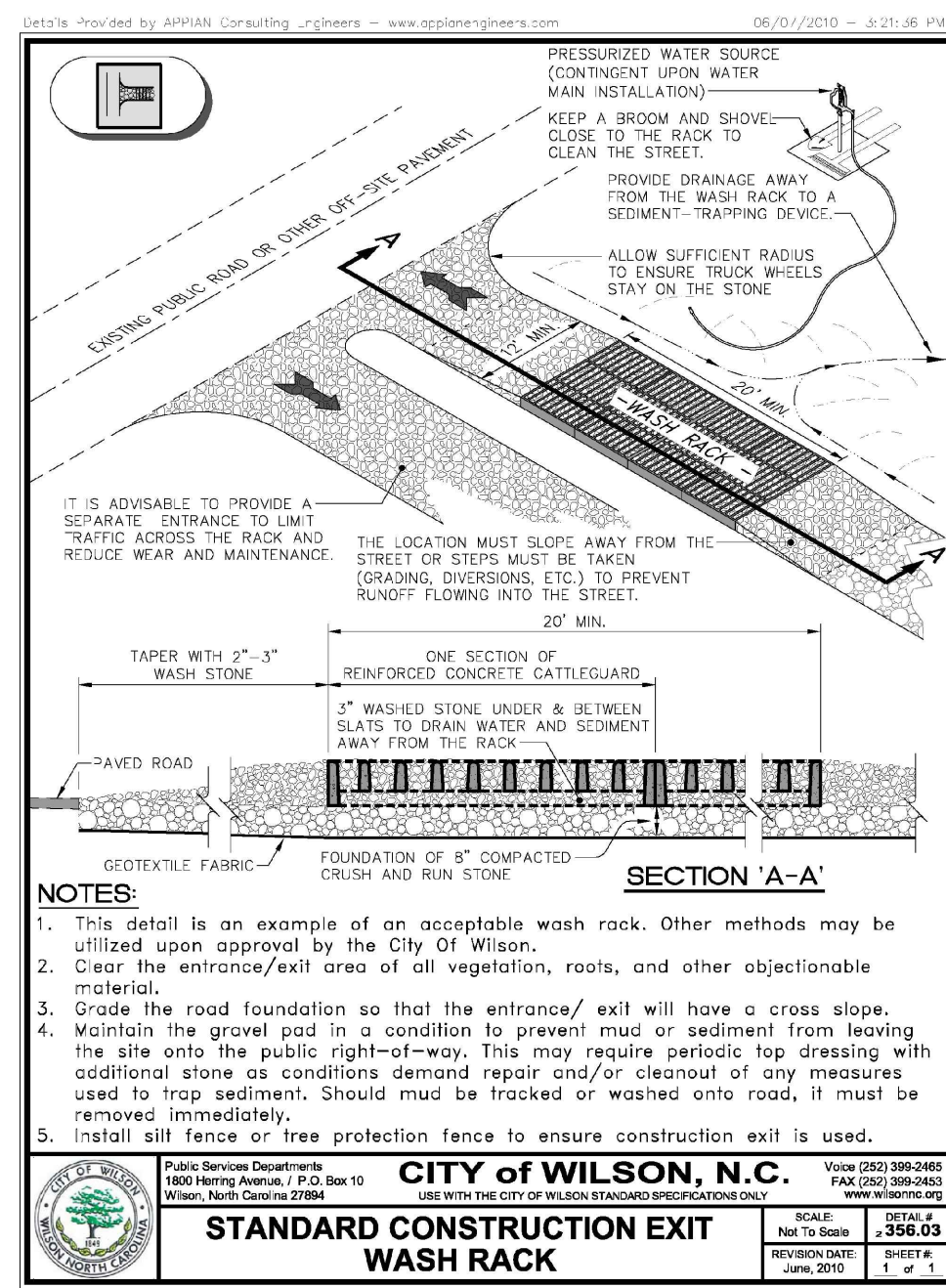
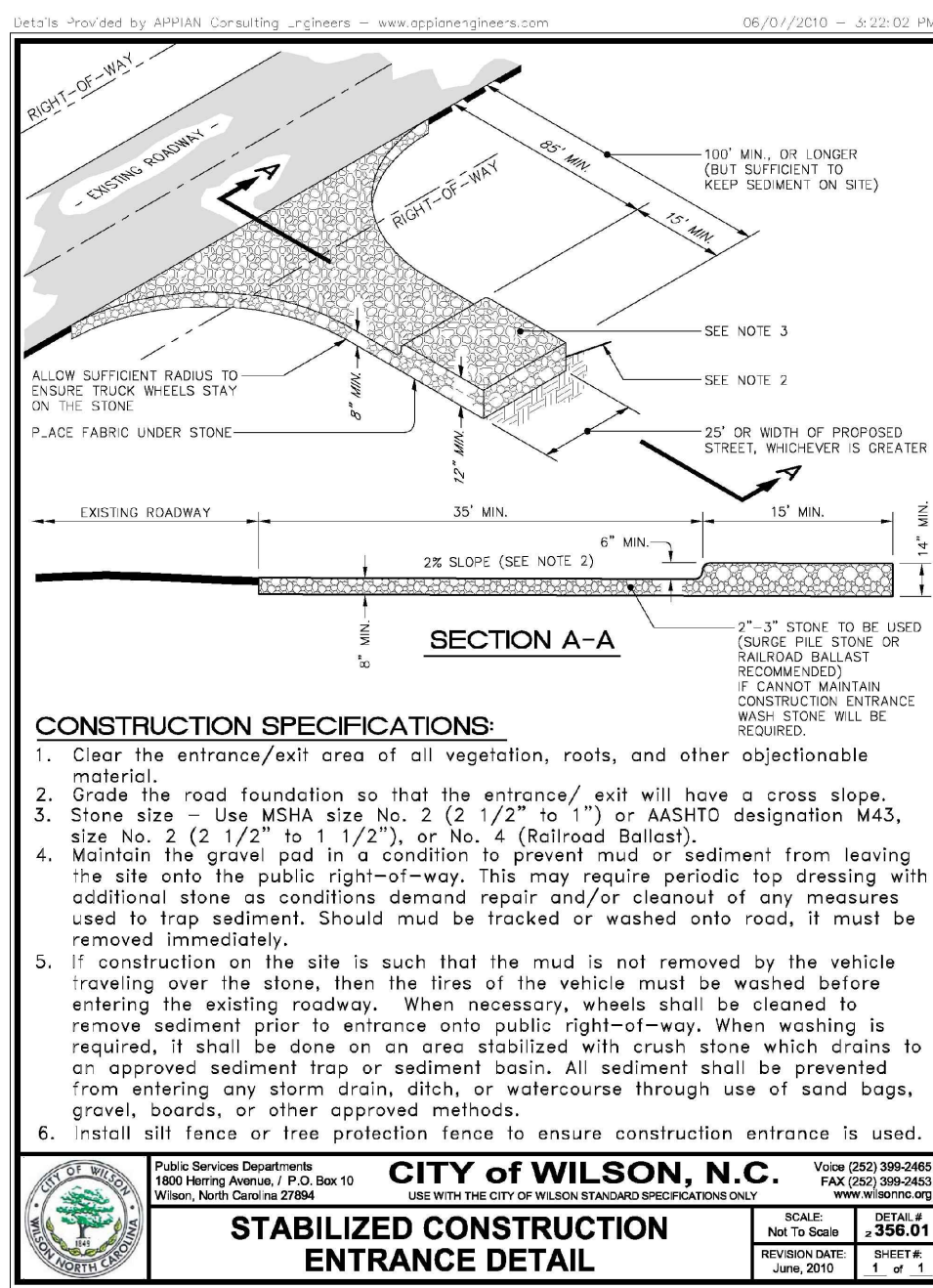
1501 WARD BOULEVARD - LOT 1
WILSON, NC

DATE: JUL 2023
SCALE(HORZ): 1"=50'
SCALE(VERT): N/A
REVISIONS:

CITY OF WILSON
NORTH CAROLINA
PIN #

WILSON COUNTY
ZONE: HC
SHEET SE2

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PERMANENT SEEDING

Summer - March 1 - August 31

Lime	4,000 lbs/ac
Fertilizer	500 lbs/ac
Bermudagrass (hulled)	35 lbs/ac
Centipede	10 lbs/ac
Sereno/Starwtop Millat Grain	10 lbs/ac
★ Straw Mulch	2 tons/ac

Winter - September 1 - February 28

Lime	4,000 lbs/ac
Fertilizer	500 lbs/ac
Bermudagrass (unhulled)	35 lbs/ac
Toil Rescue	50 lbs/ac
Annual Rye	10 lbs/ac
★ Straw Mulch	2 tons/ac

TEMPORARY SEEDING

Summer - March 1 - August 31

Lime	2 tons/ac
10-10 Fertilizer	700 lbs/ac
Browtop Millat	40 lbs/ac
★ Straw Mulch	2 tons/ac

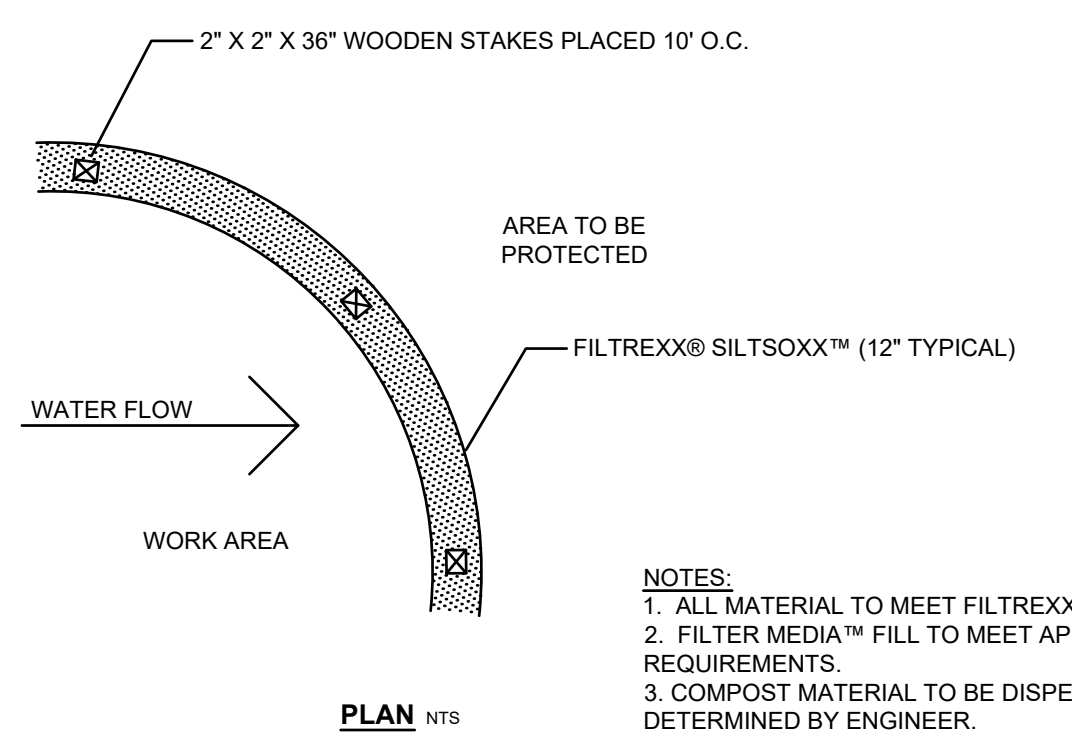
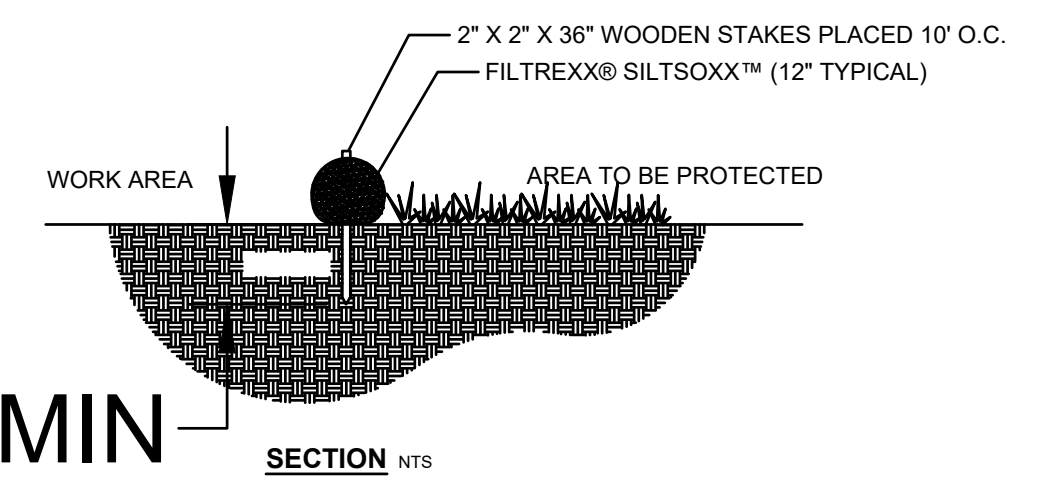
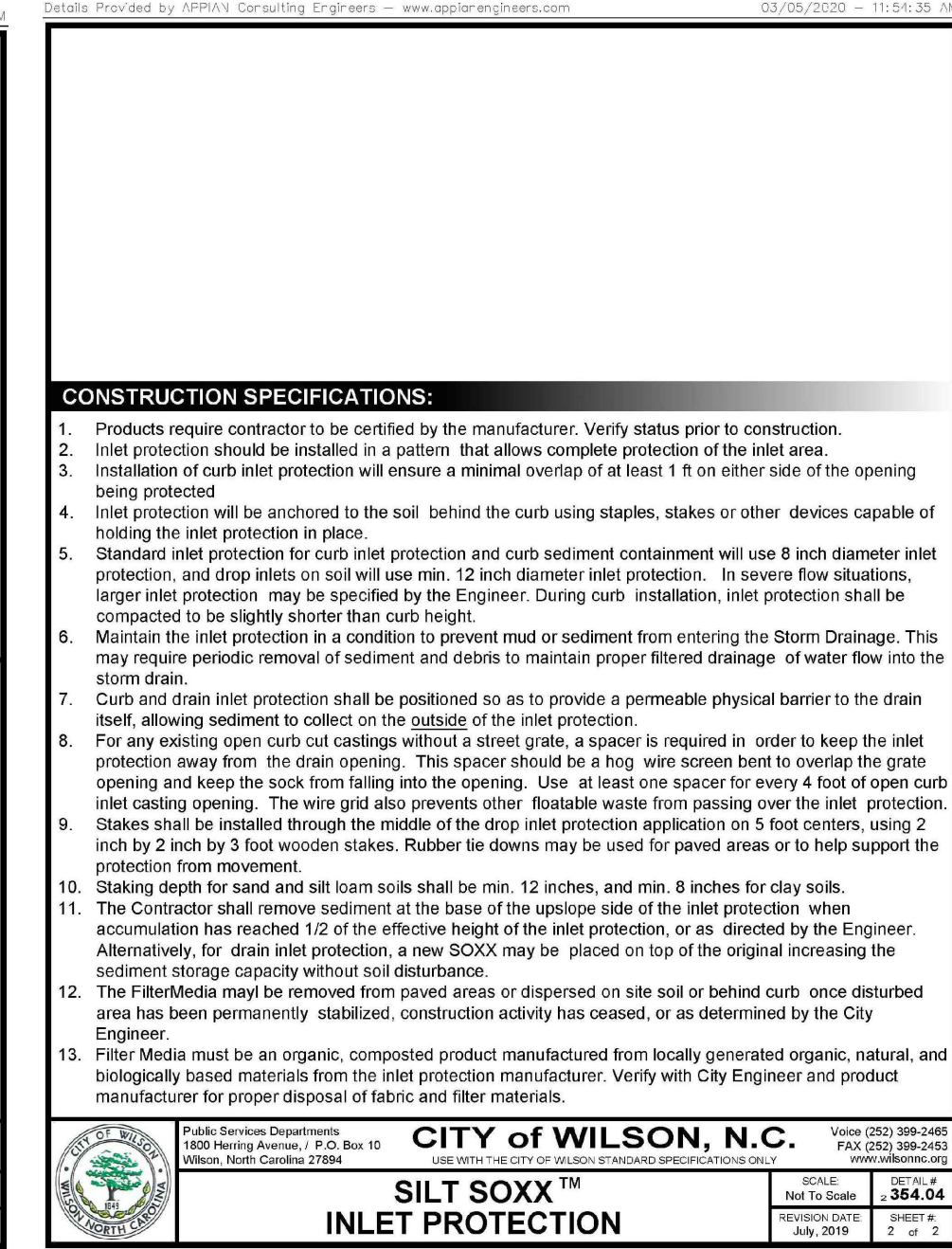
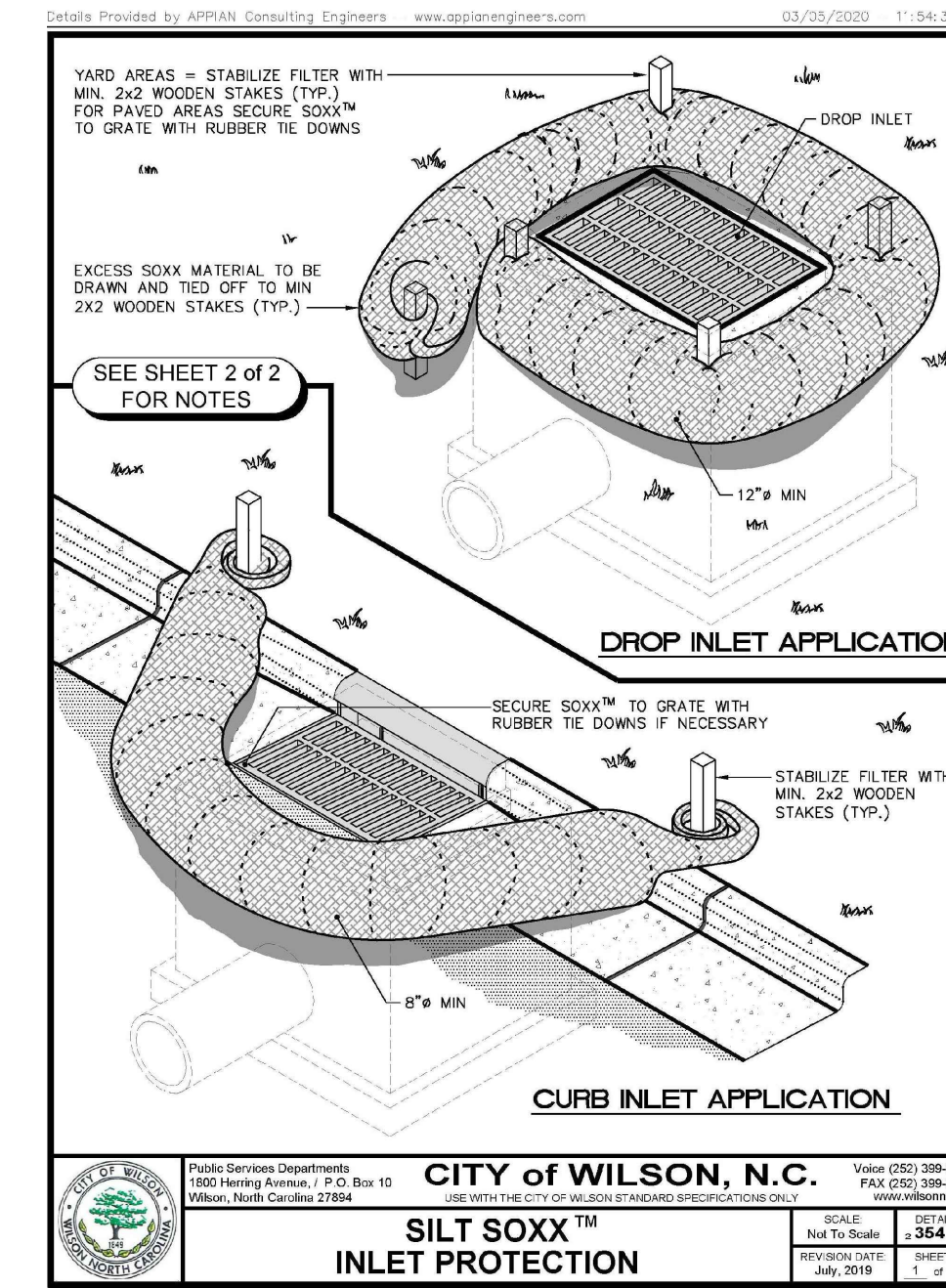
Winter - September 1 - February 28

Lime	2 tons/ac
10-10 Fertilizer	700 lbs/ac
Oats	50 lbs/ac
Rye Grain	20 lbs/ac
★ Straw Mulch	2 tons/ac

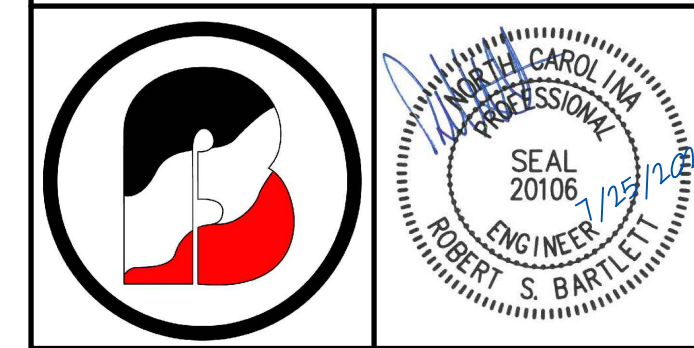
NOTES:

1. ★ Mulch will be doubled if eroding is the method used.
2. Any variation from these specs must have approval of the Stormwater Program Manager or his/her duly authorized agent.

CITY OF WILSON, N.C. Public Service Department 2000 Herring Avenue, P.O. Box 10 Wilson, North Carolina 27894		Voice (252) 399-3400 Fax (252) 399-3403 TDD (252) 399-3403
SCALE: 1/4" = 1'-0"	DATE: JUL 2019	SHEET # 1 OF 1
REVISION DATE: JUN 2019	REVISION NO: 1	



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S&E DETAILS

1501 WARD BOULEVARD - LOT 1
 WILSON, NC

DATE:	JUL 2023
SCALE(HORZ):	N/A
SCALE(VERT):	N/A
REVISIONS:	

PROJECT:	23-326	CITY OF WILSON	WILSON COUNTY
CLIENT CODE:	WC		
CADFILE:	23326SE1		
FIELD BOOK:			
DRAWN BY:	LR		
SURVEY BY:			
		PIN #	SHEET DT1

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 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 NCG01 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, 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
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Roller erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> 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 Roller erosion control products with grass seed

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

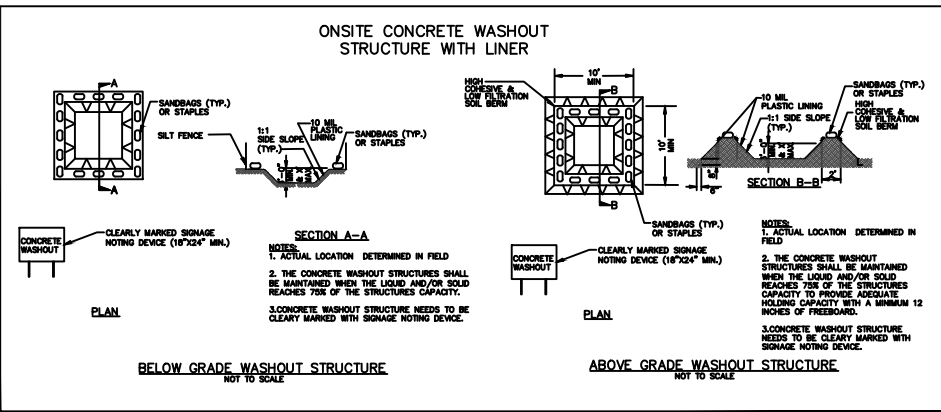
- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
 - 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**
- Never bury or burn waste. Place litter and debris in approved waste containers.
 - 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.
 - 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.
 - Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
 - 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.
 - Dispose waste off-site at an approved disposal facility.
 - On business days, clean up and dispose of waste in designated waste containers.

- PAINT AND OTHER LIQUID WASTE**
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
 - 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.
 - Containment must be labeled, sized and placed appropriately for the needs of site.
 - Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

- PORTABLE TOILETS**
- 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.
 - Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
 - 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**
- 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.
 - Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
 - Provide stable stone access point when feasible.
 - 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.



- CONCRETE WASHOUTS**
- 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 lot perimeter silt fence.
 - 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 inlets (sloped to the washout which could receive spills or overflow).
 - 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.
 - 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.
 - 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 caused by removal of washout.

- HERBICIDES, PESTICIDES AND RODENTICIDES**
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
 - 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.
 - 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.
 - Do not stockpile these materials onsite.

- HAZARDOUS AND TOXIC WASTE**
- Create designated hazardous waste collection areas on-site.
 - Place hazardous waste containers under cover or in secondary containment.
 - Do not store hazardous chemicals, drums or bagged materials directly on the ground.

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, record the cumulative rain 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 another rain-monitoring 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. Identification 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. Identification 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	If visible sedimentation is found outside site limits, then a record of the following shall be made: 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 or offsite (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 operation 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 III, Section C, item (2)(a) of this permit 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 redevelopment, 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 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 documented in the manner described:

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
 In addition to the E&S Plan documents above, the following items shall be kept on the site and available for agency 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:

- This general permit as well as the certificate of coverage, after it is received.
- Records of inspections made during the previous 30 days. 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.
- All data used to complete the Notice of Intent and older 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).

(a) 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. 142-115.85.

(b) Anticipated bypasses and unanticipated bypasses.
 (c) 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 Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

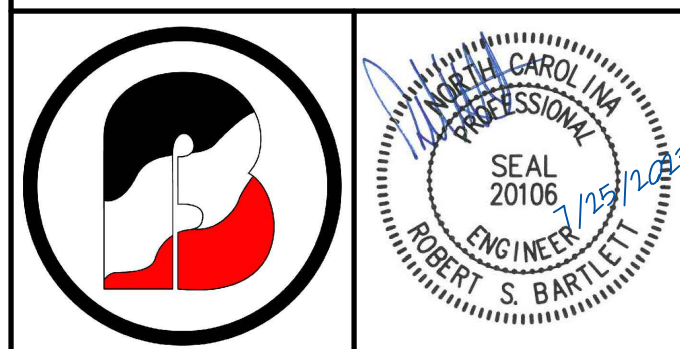
Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions 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 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.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	<ul style="list-style-type: none"> 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. Within 24 hours, an oral or electronic notification. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> 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.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> 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.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(l)(7)]	<ul style="list-style-type: none"> 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(l)(6)]. Division staff may waive the requirement for a written report on a case-by-case basis.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



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S&E NCG01
 DETAILS

1501 WARD BOULEVARD - LOT 1
 WILSON, NC

DATE: JUL 2023	PROJECT: 23-326
SCALE(HORIZ): N/A	CLIENT CODE: WC
SCALE(VERT): N/A	CADFILE: 23326SE1
REVISIONS:	FIELD BOOK: DRAWN BY: LR
	SURVEY BY:

CITY OF WILSON	WILSON COUNTY
NORTH CAROLINA	ZONE: HC
PIN #	SHEET DT2