

LEGEND

- EXISTING IRON PIPE
- △ CALCULATED/SET POINT
- PDWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- + GUY ANCHOR
- WETLAND FLAG*
- BOUNDARY LINE
- ADJOINER LINE
- EASEMENT LINE
- OVERHEAD POWER

LINE	BEARING	DISTANCE
L1	S 85°01'54" E	34.75
L3	N 84°46'55" W	30.04
L4	N 08°02'06" E	38.33
L5	N 04°54'08" E	51.84
L6	N 00°01'25" E	52.43
L7	N 05°31'48" W	52.19
L8	N 10°45'55" W	52.31
L9	N 15°39'31" W	51.28
L10	N 18°23'34" W	51.33
L11	S 06°15'00" W	8.85
L12	N 82°22'46" W	53.66
L13	N 55°21'38" W	60.41
L14	N 53°48'03" W	74.93
L15	N 55°19'15" W	127.73

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	634.00	309.14	306.08	N 03°57'25" W	27°56'14"
C2	2000.00	256.71	256.53	N 21°37'53" W	7°24'41"

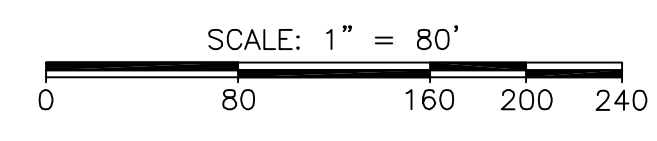
N/F
LS CABLE & SYSTEM USA INC
PIN: 4718-88-5645
DB: 1659, PG: 1197

N/F
GDFORTH SOLAR LLC
PIN: 4718-77-6868
DB: 1679, PG: 0206

CONTROL CORNER
N 789,820.69
E 2,416,325.66
NAD83/NSRS(2011)

NOGS: TEMPLE
N 789,831.83
E 2,416,313.04
NAD83/NSRS(2011)

CONTROL CORNER
N 789,786.75
E 2,416,325.21
NAD83/NSRS(2011)



MANY ARE THE PLANS IN A PERSONS HEART, BUT IT IS THE LORD'S PURPOSE THAT PREVAILS. PROVERBS 19:1

STOCKS ENGINEERING
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WWW.STOCKSENGINEERING.COM

BLN-C-1874

EDGECOMBE COUNTY ANIMAL SHELTER
EDGECOMBE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 19843
ENGINEER
MICHAEL STOCKS
Michael Stocks
7/15/24

EXISTING CONDITIONS

REVISIONS

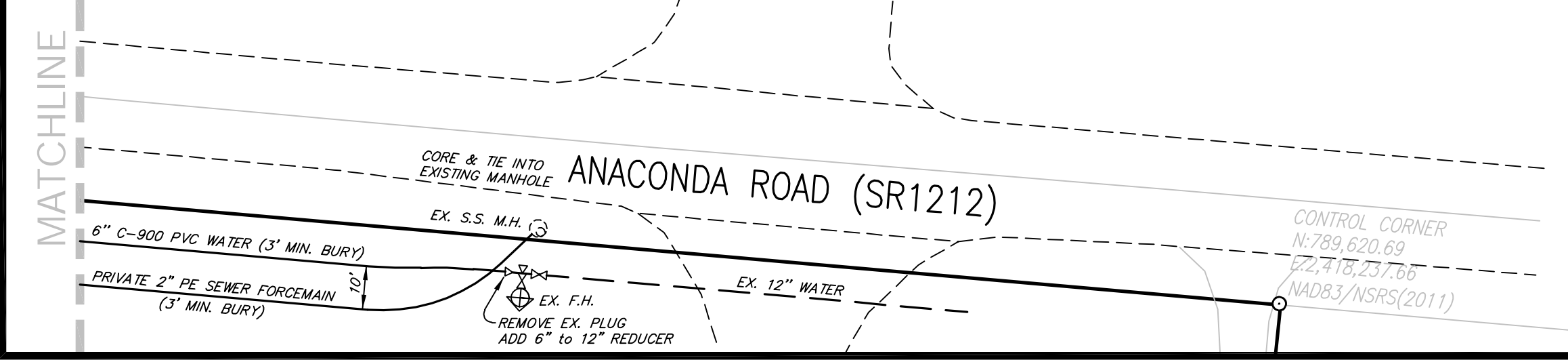
NO.	DATE	DESCRIPTION

FILE NO. 2023-076
HORZ. SCALE: 1"=80'
VERT. SCALE: NONE

CE-01

CSX RAILROAD ANACONDA ROAD (SR1212)

VAR. WIDTH PUBLIC RIGHT-OF-WAY

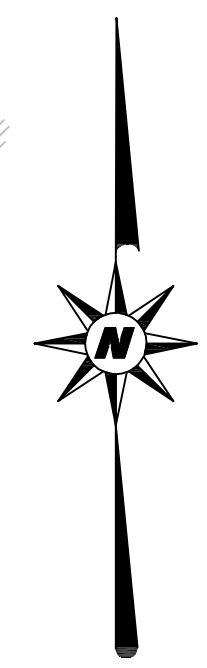


EDGEcombe COUNTY
PIN: 4718-79-3321
DB:1188, PG:0564

TOTAL AREA
1,386,999 SF / 31.84 AC.
LESS RIGHT-OF-WAY
19,815 SF / 0.45 Acres
NET LAND AREA
1,367,184 SF / 31.39 Acres

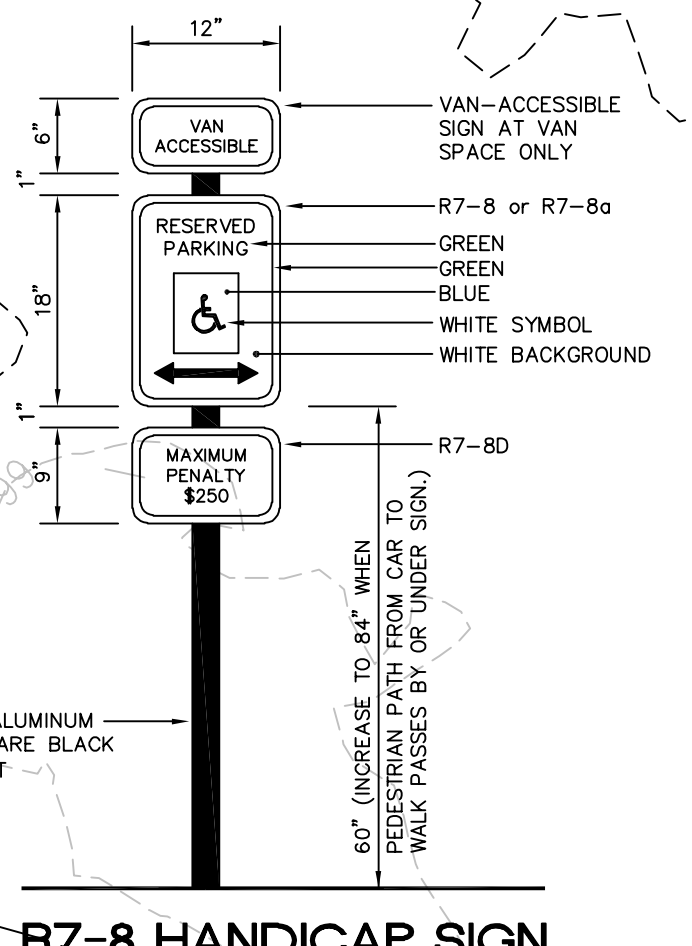
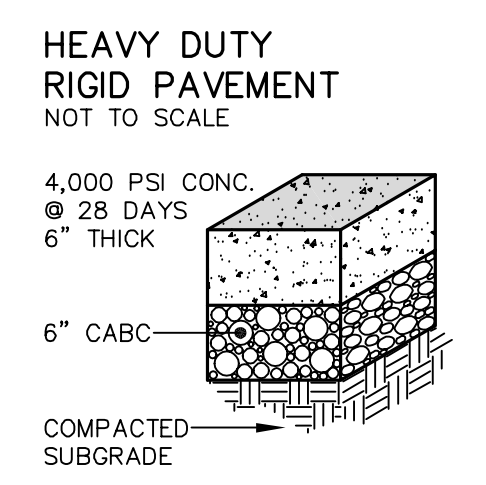
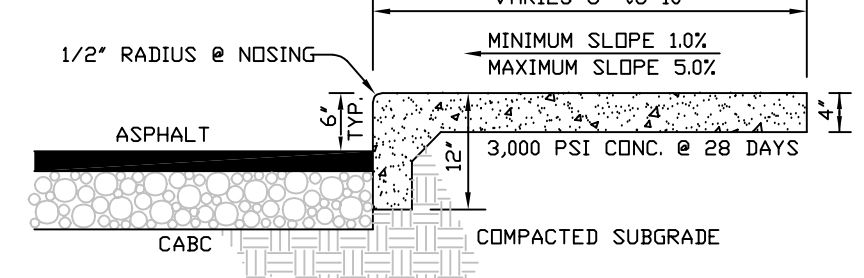
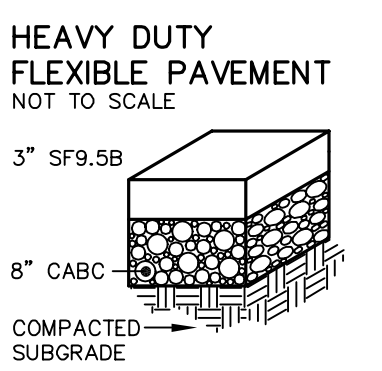
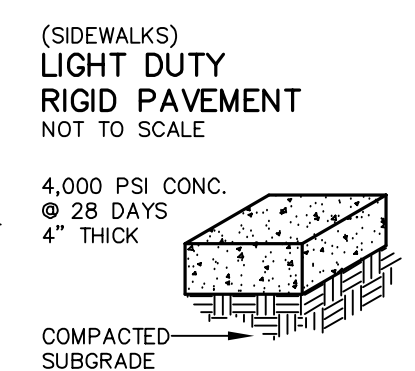
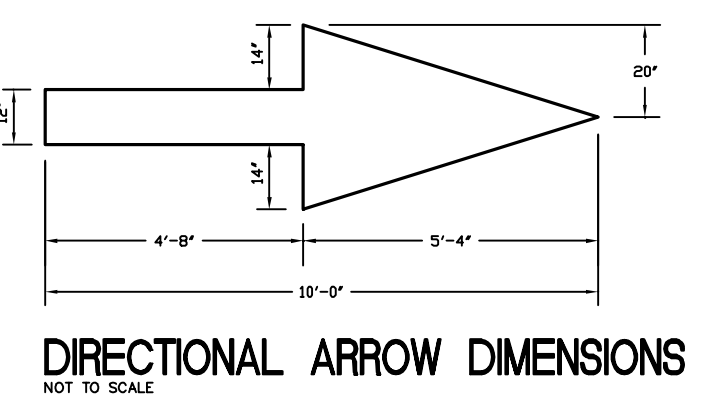
N/F

BENCHMARK
N:789,272.66
E:2,417,502.33
ELEV:102.43
NAIL (#6)

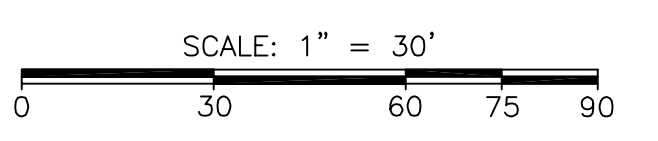


ONE-TWO STORY
MAS. BUILDING

(SCALED FROM
AERIAL/LIDAR)



R7-8 HANDICAP SIGN



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BLN-C-1874

**EDGEcombe COUNTY ANIMAL SHELTER
EDGEcombe COUNTY, NORTH CAROLINA**

NORTH CAROLINA PROFESSIONAL SEAL 19843
MICHAEL STOCKS
J. Michael Stocks
7/15/24

SITE and UTILITY PLAN

REVISIONS

FILE NO. 2023-076
HORZ. SCALE: 1"=30'
VERT. SCALE: NONE

CE-02

EROSION AND SEDIMENTATION CONTROL NARRATIVE

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS FOR CONSTRUCTION OF A NEW ANIMAL CONTROL FACILITY WITH ASSOCIATED PARKING. THE PROJECT IS OWNED BY EDGEcombe COUNTY, NC. THE SITE IS CURRENTLY UTILIZED AS A JAIL AND MAINTENANCE BUILDING WITH THE REMAINING BEING WOODED. APPROXIMATELY 2.76 ACRES WILL BE DISTURBED DURING CONSTRUCTION. THE MAXIMUM FILL WILL BE 3-4 FEET. THE PROJECT IS SCHEDULED TO BEGIN CONSTRUCTION IN FALL OF 2024 WITH PROJECT COMPLETION AND FINAL STABILIZATION BY FALL OF 2025. THE EROSION AND SEDIMENT CONTROL PROGRAM FOR THIS PROJECT WILL INCLUDE THE INSTALLATION OF A SUITABLE CONSTRUCTION ENTRANCE, SILT FENCE, OUTLET PROTECTION, INLET PROTECTION, AND SEDIMENT BASIN WITH TEMPORARY SEEDING OF THE SITE.

ADJACENT PROPERTY

SEE EXISTING CONDITIONS, SHEET CE.01, FOR ADJACENT PROPERTY OWNERS.

SOILS

THE SOILS AT THIS SITE ARE A SANDY LOAM, 2% TO 6% SLOPES.

EROSION AND SEDIMENT CONTROL MEASURES

ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR ACCORDING TO THESE PLANS AND SPECIFICATIONS AND THE MINIMUM STANDARDS REQUIRED BY THE TOWN OF YOUNGVILLE. THE CONTRACTOR SHALL ALSO FOLLOW ANY ADDITIONAL REQUIREMENTS AS OUTLINED BY THE PROJECT ENGINEER.

STRUCTURAL PRACTICES

- VEHICLE WHEELS SHALL BE CLEAN WHEN LEAVING THE SITE TO PREVENT THE TRACKING OF MUD ON PAVED ROADS.
- CONSTRUCTION ROAD STABILIZATION: CONSTRUCTION TRAFFIC SHALL BE LIMITED TO STABILIZED AREAS. AT A MINIMUM, A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE PROVIDED AS SHOWN ON THIS DRAWING.
- SILT FENCE: SILT FENCES SHALL BE PROVIDED WHERE SHOWN AND AS NEEDED ON THE SITE PLAN. THESE BARRIERS SHALL BE USED TO CONTAIN SEDIMENT.
- RIP RAP/GRAVEL FILTER SEDIMENT BASINS: CONSTRUCT BASIN TO THE SHAPE AND DIMENSIONS SHOWN IN THE DETAILS. THE BASIN IS TO BE PLACED BELOW THE EXISTING DITCH FLOW LINE BY 2' WITH THE BERM BUILT ABOVE AS DIMENSIONED.
- FIBERGLASS NETTING DITCH LINER: IN LOCATIONS SHOWN, PLACE FIBERGLASS NETTING OVER SEED, STRAW AND TACK. SIZE AND DIMENSIONS ARE SHOWN ON THE PLANS.

MANAGEMENT STRATEGIES

- PERIMETER MEASURES ARE TO BE INSTALLED PRIOR TO GRUBBING OR GRADING.
- TAIL DITCHES SHALL BE STABILIZED IMMEDIATELY FOLLOWING THEIR CONSTRUCTION. AS AN ALTERNATE, ROCK CHECK DAMS MAY BE PROVIDED AT THEIR OUTLETS AND/OR THE TERMINAL DOWNSTREAM END OF DISTURBANCE UNTIL GROUND COVER IS IMPLEMENTED & ESTABLISHED.
- STOCKPILE AND/OR WASTE AREAS MUST BE MAINTAINED WITHIN THE LIMITS OF THE AREAS PROTECTED BY THE PROPOSED MEASURES AND OTHERWISE TEMPORARILY SEEDED IF TO BE LEFT STOCKPILED OVER 15 DAYS.
- CONSTRUCTION SHALL BE PLANNED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- SILT FENCES SHALL ALSO BE INSTALLED PRIOR TO OR AS A FIRST STEP IN CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICES.

VEGETATIVE PRACTICES (GROUND STABILIZATION)

PREPARE SEEDBED WITH A SOIL CONDITIONER OR TILLER TO A DEPTH OF 6". ALL LANDSCAPE AREAS SHALL BE FREE OF ROCKS, STICKS, ROOTS AND DEBRIS.

Site Area Description:	Stabilization Time Frame:	Stabilization Time Frame Exceptions:
Perimeter dikes, swales, ditches & slopes.	7 Days	None
High Quality Water (HQW) Zones.	7 Days	None
Slope steeper than 3:1	7 Days	If slopes are 10' or less in length & are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter.	14 Days	7 Days for slopes greater than 50 feet in length.
All other areas with slopes flatter than 4:1	14 Days	None (Except for perimeters and HQW Zones)

TEMPORARY SEEDING SPECIFICATIONS

SEED SPECIES

SEED SPECIES	RATE (LB/ACRE)
WINTER RYE GRAIN (COOL SEASON)	100
GERMAN MILLET (WARM SEASON)	40

SOIL AMENDMENTS

APPLY LIME AND FERTILIZER ACCORDING TO TESTS, OR APPLY 4,000 LB/ACRE GROUND AGRICULTURE LIMESTONE ON SANDY SOILS AND 6,000 LB/ACRE ON CLAYEY SOILS. APPLY 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE GRAIN STRAW, OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKING WITH ASPHALT @ 400 GAL/ACRE OR NETTING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP SLOPES.

MAINTENANCE

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT SEEDING SPECIFICATIONS

SEEDING MIXTURE

SEED SPECIES	RATE (LB/ACRE)
TALL FESCUE (COOL SEASON)	100
ZOYSIA (WARM SEASON)	50

NURSE PLANTS

BETWEEN APRIL 15 AND AUGUST 15, ADD 10 LB/ACRE GERMAN MILLET OR 15 LB/ACRE SUDANGRASS. PRIOR TO MAY 1 OR AFTER AUGUST 15 ADD 25 LB/ACRE RYE (GRAIN).

SEEDING DATES

	BEST	POSSIBLE
EARLY SPRING:	FEB. 15-MAR. 20	FEB. 15-APR. 30
FALL:	SEPT. 1-SEPT. 30	SEPT. 1-OCT. 31

SOIL AMENDMENTS

APPLY LIME AND FERTILIZER ACCORDING TO TESTS, OR APPLY 4,000 LB/ACRE GROUND AGRICULTURE LIMESTONE ON SANDY SOILS AND 6,000 LB/ACRE ON CLAYEY SOILS. APPLY 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE GRAIN STRAW, OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKING WITH ASPHALT @ 400 GAL/ACRE OR NETTING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP SLOPES.

MAINTENANCE

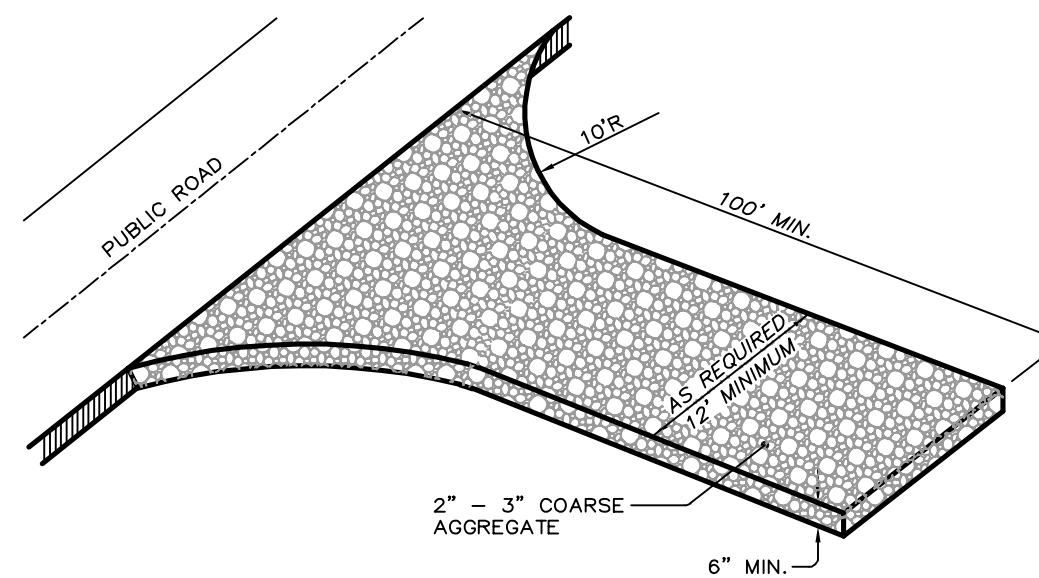
- RESEED AND MULCH BARE SPOTS LARGER THAN 9 SQUARE FEET (LIMITED TO 5% MAXIMUM OF SITE AREA).
- MAINTAIN ALL SEEDED AREAS UNTIL UNIFORM STAND IS ACCEPTABLE.
- IF GROWTH IS NOT ESTABLISHED BY FINAL PROJECT INSPECTION, CONTINUE SPECIFIED ATTENTION UNTIL THE STAND IS ACCEPTABLE.
- CORRECT AND REPAIR ALL UNDUE SETTLEMENT AND EROSION WITHIN 1 YEAR AFTER FINAL INSPECTION.
- REMOVE FROM THE SITE, ALL EROSION CONTROL STRUCTURES AFTER COMPLETE STABILIZATION AT END OF CONSTRUCTION PERIOD.
- REMOVE SILT FROM SEDIMENT PITS AND FROM BEHIND CHECK DAMS WHEN SILT IS WITHIN HALF DEPTH OF THE PIT OR SPILLWAY. DISPOSE OF IN AN AREA WHERE SILT CANNOT RE-ENTER PIT / TRAP.
- PLACE ROCK FROM ROCK CHECK DAMS AND GRAVEL / RIP RAP FILTER BASINS IN DITCH LINE AS ARMOR PROTECTION. DO NOT DISPOSE OF ROCK. ALL STONE ARMOR PROTECTION IS TO FIT CONTOUR OF CHANNEL. DO NOT DUMP, BUT HANDSPREAD.

CALCULATIONS

THE PRACTICE UTILIZED FOR THE PROPOSED SITE DID REQUIRE FORMAL CALCULATIONS. CALCULATIONS HAVE BEEN PROVIDED.

OWNER

EDGEcombe COUNTY
PO BOX 10
TARBORO, NC 27886



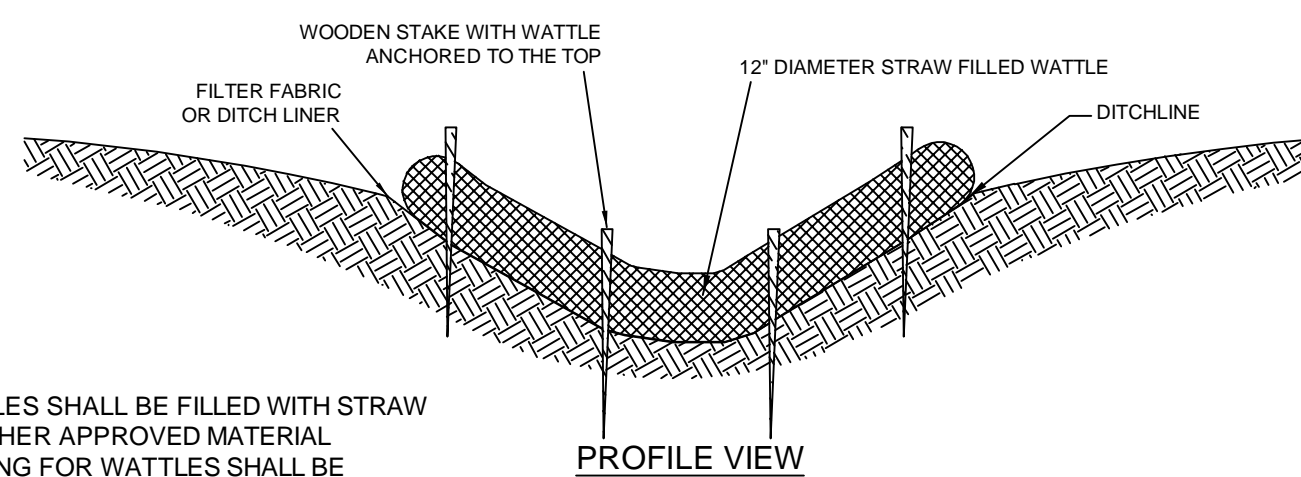
CONSTRUCTION SPECIFICATIONS:

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

MAINTENANCE:

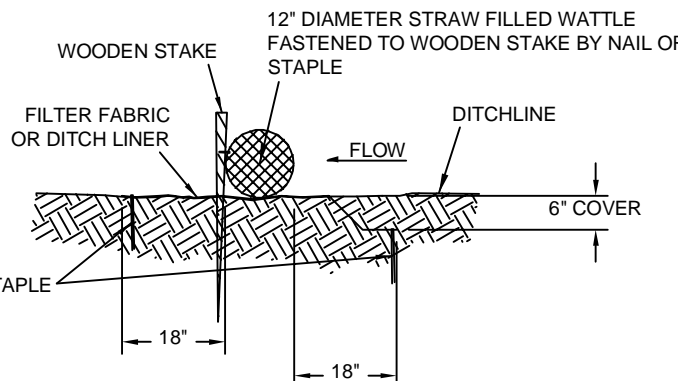
MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

CONSTRUCTION ENTRANCE
NOT TO SCALE



NOTES:

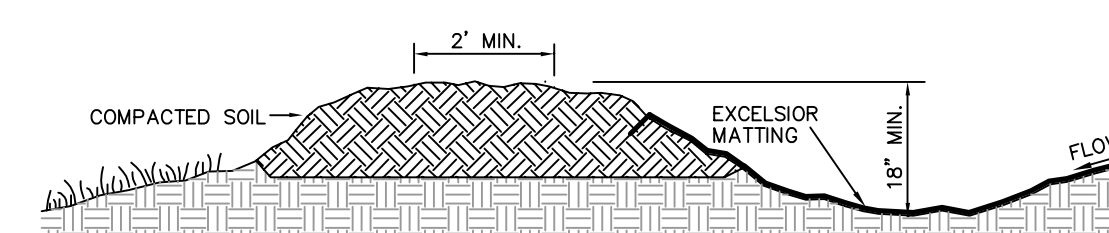
- WATTLES SHALL BE FILLED WITH STRAW OR OTHER APPROVED MATERIAL.
- SPACING FOR WATTLES SHALL BE DETERMINED BY THE SITE ENGINEER.
- WATTLES MAY BE USED FOR PROTECTION OF CATCH BASINS AND DROP INLETS WITH APPROVAL BY THE ENGINEER.



MAINTENANCE:

Inspect wattles in channels at least weekly and after each significant (1/2 in or greater) rainfall event and repair immediately. Clean out sediment, straw, limbs, or other debris that could clog the channel when needed.

NCDOT WATTLE
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

- REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL.
- ENSURE THAT THE MINIMUM CONSTRUCTED CROSS SECTION MEETS ALL DESIGN REQUIREMENTS.
- ENSURE THAT THE TOP OF THE DIKE IS NOT LOWER AT ANY POINT THAN THE DESIGN ELEVATION PLUS THE SPECIFIED SETTLEMENT.
- PROVIDE SUFFICIENT ROOM AROUND DIVERSIONS TO PERMIT MACHINE REGRADING AND CLEANOUT.
- VEGETATE THE RIDGE IMMEDIATELY AFTER CONSTRUCTION, UNLESS IT WILL REMAIN IN PLACE LESS THAN 30 WORKING DAYS.

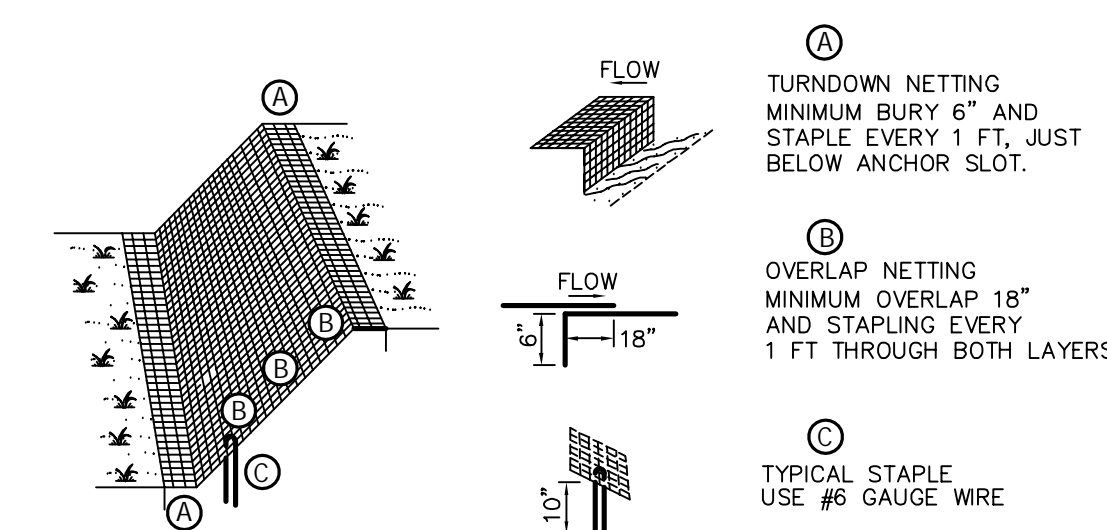
MAINTENANCE:

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

TEMPORARY DIVERSION
NOT TO SCALE

CONSTRUCTION SEQUENCE

- OBTAIN EROSION CONTROL PLAN APPROVAL AND A CERTIFICATE OF COVERAGE PRIOR TO BEGINNING LAND DISTURBANCE. RETAIN A COPY OF THE APPROVED EROSION CONTROL PLAN AND PERMIT ONSITE. CALL THE TOWN OF YOUNGVILLE TO NOTIFY THE INSPECTOR OF A START DATE PRIOR TO LAND DISTURBANCE.
- CONTACT THE DEMLR RALEIGH REGIONAL OFFICE AT (919) 791-4200 AT LEAST 48 HOURS PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
- CONSTRUCT THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN.
- MAINTAIN THE CONSTRUCTION ENTRANCE DAILY TO ENSURE THAT MUD AND SILT WILL NOT BE TRACKED ONTO PAVED SURFACE. IF MUD IS TRACKED ONTO THE ROAD SURFACE, IT IS TO BE REMOVED IMMEDIATELY.
- INSTALL NPDES PERMIT BOX AND RAIN GAUGE. ENSURE ALL PERMITS, PLANS, AND INSPECTION FORMS ARE KEPT IN PERMIT BOX.
- 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 ESC 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. MAINTAIN EROSION CONTROL MEASURES DAILY AND RESEED DISTURBED AREAS AS NEEDED.
- CONSTRUCT ALL PERIMETER EROSION CONTROL MEASURES TO CONTAIN SEDIMENT ON-SITE. CONSTRUCT THE SILT FENCE, SILT FENCE OUTLETS, SKIMMER BASIN, SKIMMER BASIN OUTLET PIPE MATTING, AND TEMPORARY DIVERSIONS WITH MATTING AS SHOWN ON PLAN.
- PERMANENTLY SEED ALL AREAS THAT WILL NEED TO BE DISTURBED DURING CONSTRUCTION. CLEAR ONLY WHAT IS NECESSARY TO INSTALL THESE EROSION CONTROL DEVICES. NO ADDITIONAL CLEARING IS ALLOWED UNTIL THESE MEASURES ARE INSTALLED.
- BEGIN CLEARING AND GRUBBING AND STRIPPING OF TOPSOIL.
- STORMWATER DITCH INSTALLATION SHALL BE SEQUENCED AS FOLLOWS: AFTER INITIAL EROSION CONTROL MEASURES & DEVICES HAVE BEEN INSTALLED, CONTRACTOR SHALL INSTALL STORM DRAINAGE SYSTEM STARTING FROM THE LOW INVERT HEADING TOWARD THE HIGH INVERT. CONTRACTOR SHALL IMMEDIATELY INSTALL WATTLES.
- BEGIN SITE CONSTRUCTION AND OR UTILITY CONSTRUCTION.
- INSTALL ALL PRIMARY DRAINAGE DITCHES AND PIPES.
- SEED, STRAW, AND TACK ALL AREAS THAT ARE GRADED TO THEIR FINAL DISPOSITION.
- CONTINUE GRADING AND CONSTRUCTION OF THE PROJECT. FOLLOW SEEDING TABLE ON THIS PAGE FOR TEMPORARY SEEDING.
- GROUND STABILIZATION WILL BE APPLIED WITHIN 14 CALENDAR DAYS FROM LAST LAND DISTURBING ACTIVITY. FOR STEEP SLOPES, THAT AREA MUST BE STABILIZED WITHIN 7 CALENDAR DAYS.
- PERMANENTLY SEED ALL DISTURBED AREAS. REFER TO SEDIMENT BASIN TO WETLAND CONVERSION PROCEDURE BELOW.
- AFTER THE SITE IS COMPLETELY STABILIZED AND THE PROJECT ENGINEER HAS CERTIFIED COMPLETION AND STABILIZATION, ALL TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND ALL DISTURBED AREAS ARE TO BE SEED.
- WHEN THE PROJECT IS COMPLETE AND PERMANENTLY STABILIZED, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE EASC PLAN. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT deq.nc.gov/NCGO1 TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (e-NOT). A \$100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE e-NOT HAS BEEN FILLED OUT.



CONSTRUCTION SPECIFICATIONS:

- APPLY SEED, AND TACK WITH RS OR CRS LIQUID EMULSIFIED ASPHALT AT A RATE EQUAL TO 10 GAL. PER 1000 S.F. COVER W/EXCELSIOR MATTING.
- STAPLE EVERY 24" ALONG PERIMETER EDGES AND OVERLAPS. STAPLE EVERY 36" TO 48" RANDOMLY TO SECURE NETTING.
- ROLL OUT NETTING IN THE DIRECTION OF WATER FLOW. DO NOT STRETCH.
- TYPE NAG 0575 OR EQUAL.

Maintenance

- Inspect Rolled Erosion Control Products at least weekly and after each significant (1/2 inch or greater) rain fall event repair immediately.
- Good contact with the ground must be maintained, and erosion must not occur beneath the RECP.
- Any areas of the RECP that are damaged or not in close contact with the ground shall be repaired and stapled.
- If erosion occurs due to poorly controlled drainage, the problem shall be fixed and the eroded area protected.
- Monitor and repair the RECP as necessary until ground cover is established.

EXCELSIOR MATTING
NOT TO SCALE

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(252)

BLN-C-1874

EDGEcombe COUNTY ANIMAL FACILITY
TOWN OF TARBORO, NORTH CAROLINA

PROFESSIONAL SEAL
19843
MICHAEL STOCKS
ENGINEER
7/15/2024

UTILITY NOTES AND DETAILS

REVISIONS

FILE NO. 2023-072
HORZ. SCALE: 1"=50'
VERT. SCALE: NONE

D-01

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 Tlity having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated Tlity having jurisdiction.

SECTION E: GROUND STABILIZATION		
Required Ground Stabilization Timeframes		
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 Rolled 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 Rolled 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

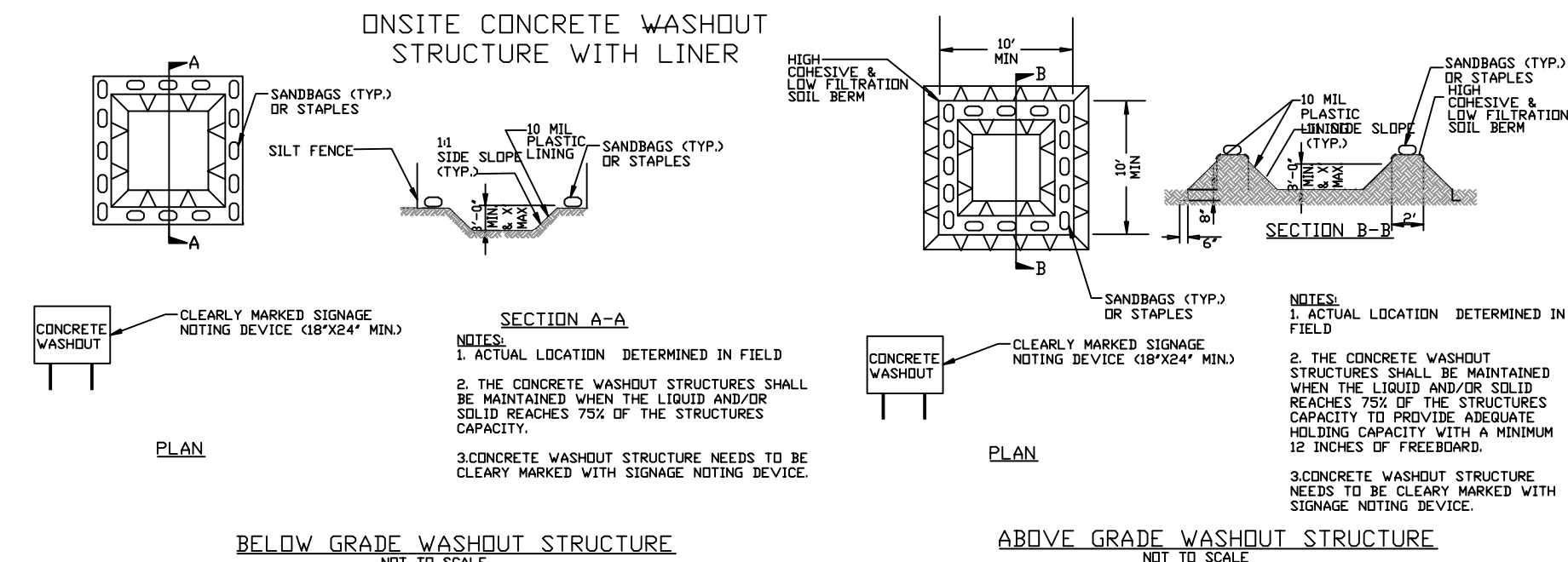
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, 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 Tlity for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive 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 Tlity.
- 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&SC 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	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 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 III, 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&SC 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.

CERTIFICATION BY THE DEPARTMENT OF DEVELOPMENT SERVICES THAT THIS CONSTRUCTION PLAT WAS APPROVED BY THE CITY PLANNING BOARD ON _____ DAY OF _____, 20____

DIRECTOR OF DEVELOPMENT SERVICES

CERTIFICATION BY THE CITY ENGINEERING DEPARTMENT THAT THIS CONSTRUCTION PLAT AND REQUIRED IMPROVEMENT DRAWINGS MEET THE APPROPRIATE CITY STANDARDS.

DIRECTOR OF ENGINEERING

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:

- The E&SC plan Tlity 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&SC plan Tlity has approved these items,
- 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,
- 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 sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- 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,
- Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- 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&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC 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&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&SC 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:

- This General Permit as well as the Certificate of Coverage, after it is received.
- 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:

- Visible sediment deposition in a stream or wetland.
- 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).
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
- Anticipated bypasses and unanticipated bypasses.
- 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) 858-0368.

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 <u>NC 303(d) list</u> 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.
(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 for compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence 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.

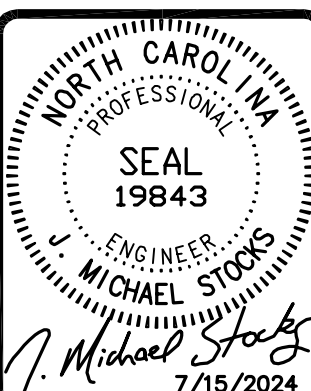
NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 4/01/19



BLN-C-1874

EDGEcombe COUNTY ANIMAL FACILITY
TOWN OF TARBORO, NORTH CAROLINA



UTILITY NOTES AND DETAILS

REVISIONS

FILE NO. 2023-076
HORZ. SCALE: 1"=50'
VERT. SCALE: NONE

D-04

