

LEGEND

| | |
|----------|------------------------------|
| [Symbol] | BOUNDARY |
| [Symbol] | RIGHT OF WAY (R/W) |
| [Symbol] | PITT COUNTY GIS PARCEL LINES |
| [Symbol] | OVERHEAD ELECTRIC LINE |
| [Symbol] | STORM DRAINAGE PIPE |
| [Symbol] | EDGE OF GRAVEL |
| [Symbol] | TOP OF BANK |
| [Symbol] | CENTERLINE OF DITCH |
| [Symbol] | EDGE OF WOODLINE |
| [Symbol] | CHAINLINK FENCE |
| [Symbol] | GAS LINE (GUC) |
| [Symbol] | NATURAL GROUND |
| [Symbol] | TOP OF CRUSHED ROCK |
| [Symbol] | TOP OF CENTERLINE OF DITCH |
| [Symbol] | BOTTOM OF BANK |
| [Symbol] | TOP OF BANK |
| [Symbol] | TOP OF BANK |
| [Symbol] | TOP OF BANK |
| [Symbol] | GUY WIRE |
| [Symbol] | POWER POLE |
| [Symbol] | TEMPORARY BENCH MARK |
| [Symbol] | EXISTING CONCRETE MONUMENT |
| [Symbol] | IRON ROD SET |
| [Symbol] | IRON PIPE FOUND |
| [Symbol] | NOW OR FORMERLY |
| [Symbol] | DEED BOOK |
| [Symbol] | MAP BOOK |
| [Symbol] | PARCEL NUMBER |
| [Symbol] | PAGE |
| [Symbol] | BACK TO BACK (CURB) |
| [Symbol] | DUCTILE IRON PIPE |
| [Symbol] | BOTTOM |
| [Symbol] | CONCRETE PIPE |
| [Symbol] | INVERT |
| [Symbol] | GRAVEL DRIVE |
| [Symbol] | EXISTING UTILITY EASEMENT |

Rivers & Associates, Inc.
 ENGINEERS, PLANNERS, SURVEYORS, LANDSCAPE ARCHITECTS
 107 East Second Street
 Greenville, NC 27838
 (252) 752-4135



REVISIONS:

| NO. | DESCRIPTION | DATE | BY |
|-----|----------------------|---------|----|
| 1 | CITY REVIEW COMMENTS | 1/28/26 | KB |

BOVIET SUBSTATION
GREENVILLE UTILITIES COMMISSION
 CITY OF GREENVILLE - PITT COUNTY - NORTH CAROLINA
EXISTING CONDITIONS

PITT CO. TAX PARCEL 93613
 REFERENCE: D.B. 4723 PG. 695-702
 M.B. 94 PG. 107-108
 AREA: 3.62 ACRES OR 157,902 S.F.

BOUNDARY & TOPOGRAPHIC SURVEY
 THE BOUNDARY AND TOPOGRAPHIC SURVEY WAS PROVIDED BY GREENVILLE UTILITIES FROM A MAP ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY OF PROPERTY OWNED BY FERRELL L. BLOUNT, III & WILLIAM L. BLOUNT", PARCEL #03785 DATED MAY 9, 2025 BY BOWMAN, MATTHEW C. SMITH, PLS. ALSO REFERENCED IS RECOMBINATION PLAT, PROPERTY OWNED BY BOVIET USA PROPERTY LLC, DATED FEBRUARY 10, 2025, BY BOWMAN, MATTHEW C. SMITH, PLS. AND RECORDED IN MAP BOOK 94, PAGES 107-108.

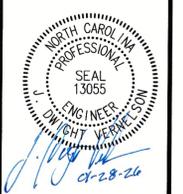
BENCHMARK - NGCS MONUMENT WELCOME
 (NAD 83/2011 RTN GRID COORDINATES)
 NORTHING: 398,008.08 US. FT.
 EASTING: 2,489,959.00 US. FT.
 ELEVATION: 33.08 FT. (NAVD88)

SCALE 1 inch = 30 ft



DATE: JANUARY 12, 2026
 DESIGNED BY: JW
 DRAWN BY: KB
 CHECKED BY: JDV
 PROJECT No. 2025087
 DRAWING No. W-4267
 SCALE: AS NOTED
 SHEET No.

C2

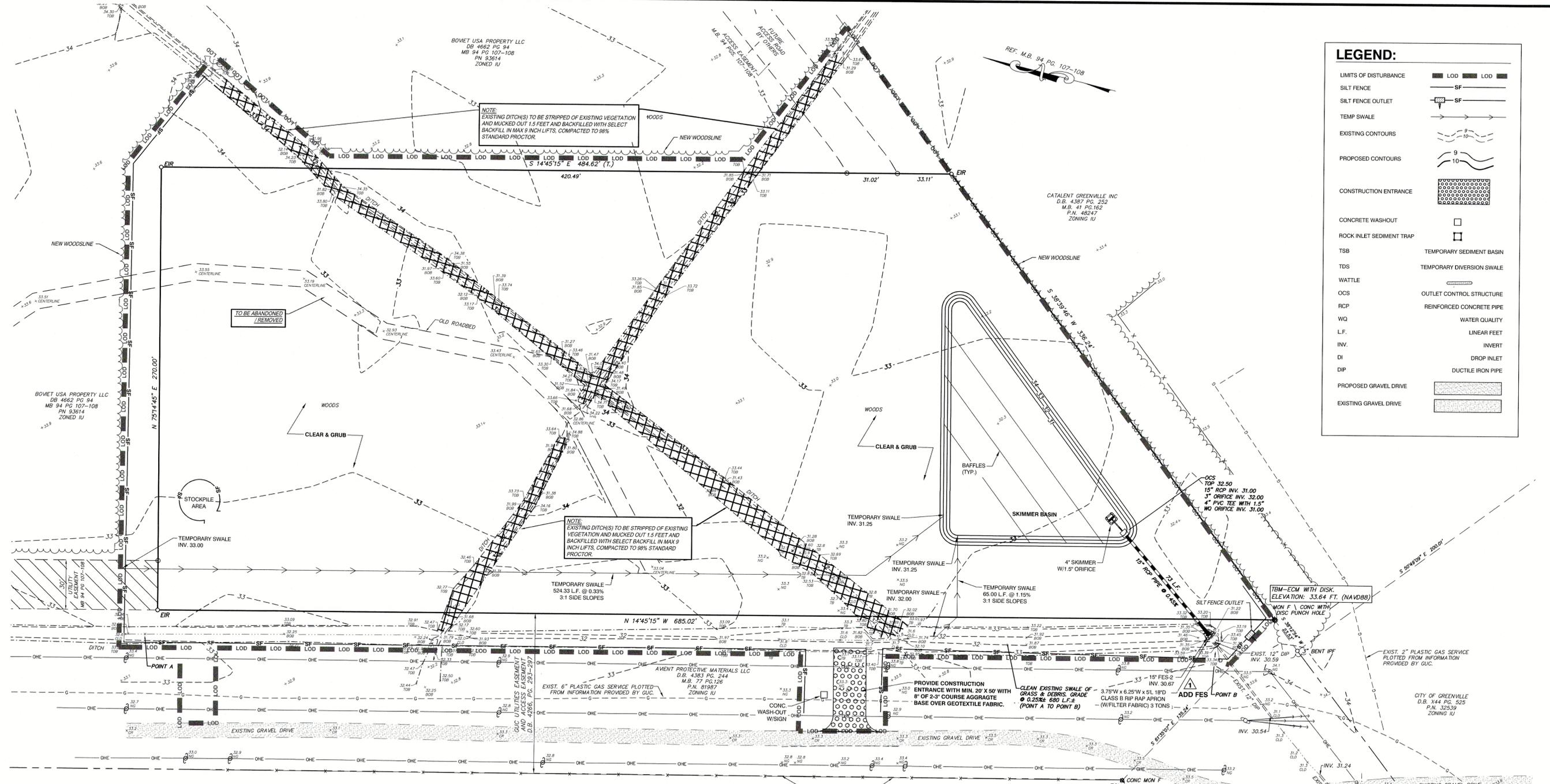


REVISIONS:

| NO. | DESCRIPTION | DATE | BY |
|---------|-------------|------|----|
| 1/28/26 | KB | | |

BOVIET SUBSTATION
GREENVILLE UTILITIES COMMISSION
 CITY OF GREENVILLE - PITT COUNTY - NORTH CAROLINA
EROSION CONTROL - PHASE I

DATE: JANUARY 12, 2026
 DESIGNED BY: JW
 DRAWN BY: KB
 CHECKED BY: JDV
 PROJECT No: 2025087
 DRAWING No: W-4267
 SCALE: AS NOTED
 SHEET No: **C3**



LEGEND:

- LIMITS OF DISTURBANCE: LOD
- SILT FENCE: SF
- SILT FENCE OUTLET: SF
- TEMP SWALE: [Symbol]
- EXISTING CONTOURS: [Symbol]
- PROPOSED CONTOURS: [Symbol]
- CONSTRUCTION ENTRANCE: [Symbol]
- CONCRETE WASHOUT: [Symbol]
- ROCK INLET SEDIMENT TRAP: [Symbol]
- TSB: TEMPORARY SEDIMENT BASIN
- TDS: TEMPORARY DIVERSION SWALE
- WATTLE: [Symbol]
- OCS: OUTLET CONTROL STRUCTURE
- RCF: REINFORCED CONCRETE PIPE
- WQ: WATER QUALITY
- L.F.: LINEAR FEET
- INV.: INVERT
- DI: DROP INLET
- DIP: DUCTILE IRON PIPE
- PROPOSED GRAVEL DRIVE: [Symbol]
- EXISTING GRAVEL DRIVE: [Symbol]

CONSTRUCTION SCHEDULE:

- OBTAIN PLAN APPROVALS AND ALL APPLICABLE PERMITS.
 - FLAG LIMITS OF ROUGH GRADING FOR SUBSTATION SITE AND ESTABLISH GRADE LIMITS AS NEEDED.
 - SCHEDULING OF A PRECONSTRUCTION CONFERENCE WITH THE ENGINEERING DIVISION IS REQUIRED PRIOR TO INITIATING LAND DISTURBING ACTIVITIES. FOR SCHEDULING PLEASE CALL (252) 329-4467. A 24-HOUR NOTICE IS REQUIRED. NO PERSON MAY INITIATE A LAND DISTURBING ACTIVITY BEFORE NOTIFYING THE CITY OF THE DATE TO THE LAND DISTURBING ACTIVITY.
- PHASE 1 . CLEARING, GRUBBING, SEDIMENT BASIN, AND PIPING**
- INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
 - INSTALL THE PERIMETER SILT FENCES AS THE FIRST CONSTRUCTION ACTIVITY. CLEAR ENOUGH TO INSTALL SILT FENCE, DIVERSION SWALES AND TEMPORARY SKIMMER BASIN.
 - INSTALL TEMPORARY SKIMMER BASIN, DIVERSIONS, AND PERMANENT PIPING AS PER PHASE 1 PLAN
 - BEGIN CLEARING AND GRUBBING STRIP SITE OF TOPSOIL AND STOCKPILE IN THE DESIGNATED AREA.
 - TEMPORARY SEED ALL FILL SLOPES AND COMPLETE PHASE 1 CLEARING, GRUBBING, SEDIMENT BASIN, AND PIPING. CONTINUE TO PHASE 2. SITE, GRADING, AND PIPING - SHEET C4.
- PHASE 2. SITE, GRADING, AND PIPING**
- INSTALL CONCRETE WASHOUT AREA PRIOR TO CONSTRUCTION OF STORM DRAINAGE STRUCTURES.
 - INSTALL STORM DRAINAGE PIPING AND END OF DAY MEASURES.
 - INSTALL HARDWARE CLOTH AND INLET PROTECTION AROUND ALL INLET CATCH BASINS AND YARD INLETS
 - INSTALL SILT BAGS WITHIN ALL FINISHED OR EXISTING CATCH BASINS
 - BEGIN IMPROVING FILL FOR THE CONSTRUCTION OF THE SUBSTATION PADS.
 - ROUGH GRADE YARD AREA.
 - INSTALL UTILITIES ACROSS SITE

CONSTRUCTION SEQUENCE:

- THE PROJECT CONSISTS OF CONSTRUCTING AN ELECTRICAL SUBSTATION, STORMWATER FACILITY, DEMOLITION, CLEARING & GRUBBING.
- CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE EROSION CONTROL OFFICER PRIOR TO INITIATING ANY LAND DISTURBING ACTIVITY.
 - INSTALLATION OF EROSION CONTROL MEASURES (SILT FENCE)
 - INSTALLATION OF TEMPORARY SKIMMER BASIN
 - DEMOLITION / CLEARING & GRUBBING OPERATIONS
 - CONSTRUCTION OF STORM DRAINAGE
 - ROUGH GRADING SITE
 - PLACEMENT OF STONE BASE
 - INSTALLATION OF CONCRETE PADS
 - FINE GRADING
 - REMOVAL OF TEMPORARY SKIMMER BASIN, AFTER EROSION CONTROL OFFICER APPROVAL AND INSTALLATION OF PERMANENT STORMWATER FACILITY.
 - LANDSCAPING / SEEDING AND MULCHING/ SOB
 - CONSTRUCTION OF SUBSTATION STRUCTURES AND GENERATORS

SKIMMER BASIN DEWATERING SEQUENCE:

- AFTER SITE IS STABILIZED WITH 80% OF PERMANENT GROUND COVER (GRASS, MULCH, ROCK, PAVEMENT, ETC), THEN CONTRACTOR SHALL CONTACT EROSION CONTROL INSPECTOR AND REQUEST PERMISSION TO REMOVE THE TEMPORARY SKIMMER BASIN.
- IF THERE IS STANDING WATER IN THE BASIN, THEN DEWATER THE BASIN USING A PORTABLE PUMP, GENERATOR AND SEDIMENT FILTER BAG. PLACE THE PUMP ON TOP OF THE BERM. HOOK UP THE INTAKE HOSE TO THE TEMPORARY SKIMMER AND PLACE THE SKIMMER IN THE BASIN WATER. HOOK UP THE DISCHARGE HOSE TO A SEDIMENT FILTER BAG AND PLACE THE SEDIMENT FILTER BAG ON THE DOWNHILL SIDE OF THE BERM AT THE DRAINAGE OUTLET.
- RUN THE DEWATERING PUMP UNTIL THE BASIN IS DEWATERED. CONTRACTOR TO OBSERVE THE DEWATERING PROCESS TO ENSURE THAT THE SEDIMENT FILTER BAG IS FUNCTIONING PROPERLY AND NO SEDIMENT IS LEAVING THE SITE. EMPTY THE SEDIMENT FROM THE FILTER BAG AS NEEDED IN AN APPROVED SOIL MATERIAL LOCATION AND PROMPTLY INSTALL SEED, STRAW AND TACK ON THE SEDIMENT. DO NOT DUMP SEDIMENT IN STREAM BUFFERS, WETLANDS, STREAMS, STORM PIPE SYSTEMS, OR OTHER ENVIRONMENTAL AREAS.
- FOLLOWING THIS, THEN THE BASIN CAN BE REMOVED. CONTINUE WITH SITE IMPROVEMENTS AND CONSTRUCTION OF WET POND.

Temporary Skimmer Basin
 GUC Boviet Substation
 MLK JR Hwy
 Greenville, NC

| Discharge Calculation | |
|--|-------|
| 4.50 (Disturbed Area (Acres)) | 33.20 |
| 0.35 (Siltation C) | 0.35 |
| 5 (Time of Concentration (min)) | 8.69 |
| 8.69 (Intensity (in/hr) Atlas 14) | 12.55 |
| 12.55 (Peak Flow from 10-year Storm (cfs)) | |

| Dimension Calculation | |
|---|--------|
| 8,100 (Required Volume (ft³) = 1800 x DA) | 8,100 |
| 5,110 (Required Surface Area (ft²) = 325 * Q(cfs)) | 45.3 |
| 45.3 (Suggested Width (ft)) | 90.7 |
| 90.7 (Suggested Length (ft)) | |
| 31 (Trial Top Width at Spillway Invert (ft)) | 32 |
| 32 (Trial Top Length at Spillway Invert (ft)) | 32.75 |
| 32.75 (Trial Side Slope Ratio 2:1) | 33 |
| 33 (Trial Depth (ft)) | 34 |
| 34 (Elevation (ft) Area (sq. ft) Inv Vol (cu ft) Total Vol (cu ft)) | 16,387 |
| 16,387 (Actual Surface Area (ft²)) | 10,137 |

| Spillway Calculation | |
|--------------------------------|-------|
| 26 (Trial Weir Length (ft)) | 0.5 |
| 0.5 (Trial Depth of Flow (ft)) | 26.5 |
| 26.5 (Spillway Capacity (cfs)) | 0.51 |
| 0.51 (Actual Depth (ft)) | 1.46 |
| 1.46 (Velocity (ft/s)) | 32.75 |
| 32.75 (Spillway Top Elev (ft)) | 33.06 |
| 33.06 (10-yr WESEL (ft)) | 34 |
| 34 (Basin Top) | 0.84 |
| 0.84 (Freeboard) | |

SKIMMER

- 4 (Skimmer Size (inches))
- 0.333 (Head on Skimmer (ft))
- 1.5 (Orifice Size (1/4 inch increments))
- 2.70 (Dewatering Time (days))
- Suggest about 3 days

Skimmer Size

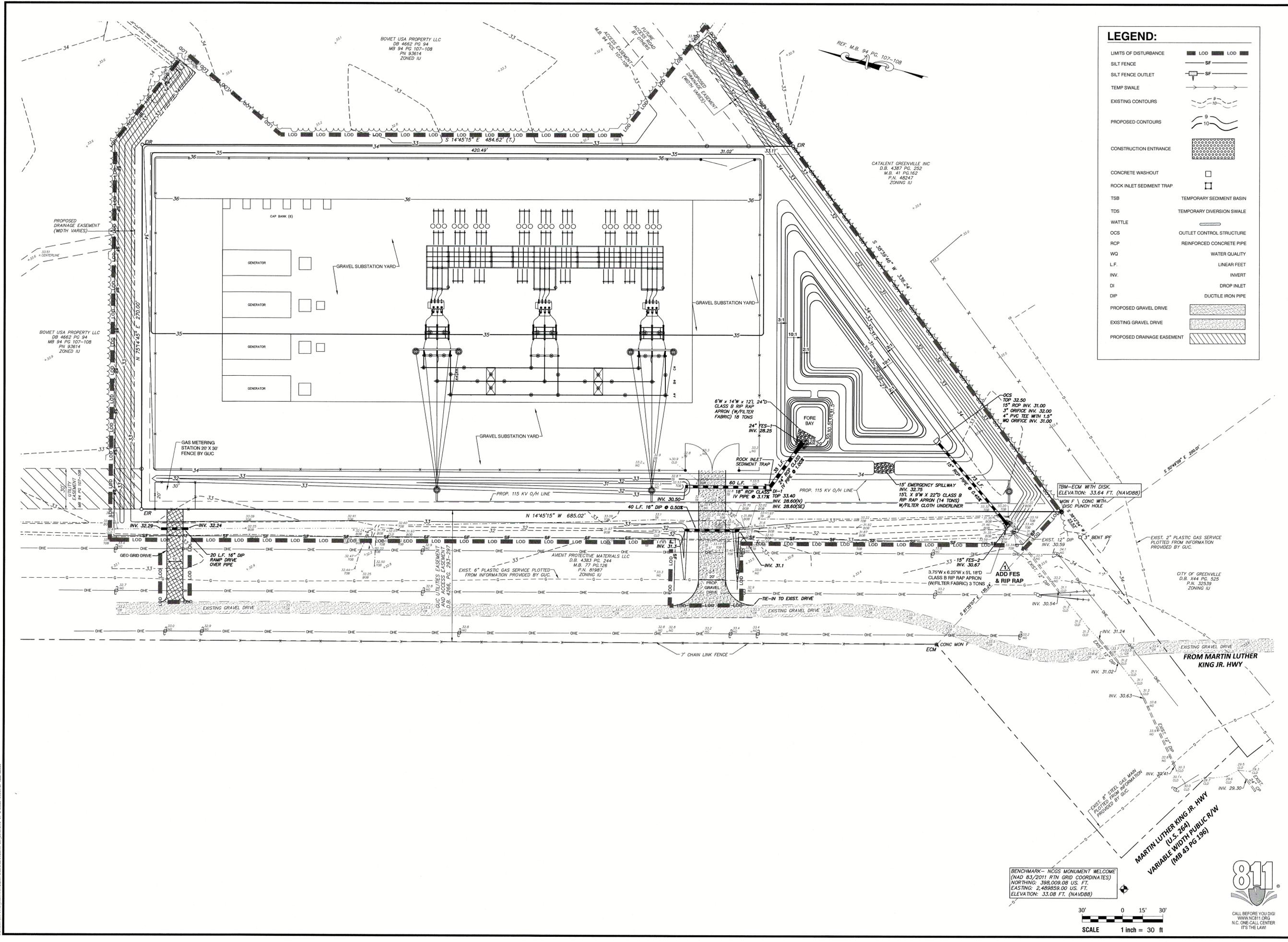
- (inches)
- 1.5
- 2
- 2.6
- 3

REVISED CALCS

LIMITS OF DISTURBANCE = 4.5 AC.



L:\LANDSCAPE\EROSION CONTROL\GREENVILLE\W-4267\DWG\W-4267-01.DWG, CS: 1/12/2026 10:11 AM, WML/UT/WRM



LEGEND:

- LIMITS OF DISTURBANCE: LOD (dashed line)
- SILT FENCE: SF (solid line)
- SILT FENCE OUTLET: SF (solid line with arrow)
- TEMP SWALE: (dashed line with arrow)
- EXISTING CONTOURS: (dashed line with elevation)
- PROPOSED CONTOURS: (solid line with elevation)
- CONSTRUCTION ENTRANCE: (hatched area)
- CONCRETE WASHOUT: (square symbol)
- ROCK INLET SEDIMENT TRAP: (square symbol with 'R')
- TSB: TEMPORARY SEDIMENT BASIN
- TDS: TEMPORARY DIVERSION SWALE
- WATTLE: (dashed line)
- OCS: OUTLET CONTROL STRUCTURE
- RCP: REINFORCED CONCRETE PIPE
- WQ: WATER QUALITY
- L.F.: LINEAR FEET
- INV.: INVERT
- DI: DROP INLET
- DIP: DUCTILE IRON PIPE
- PROPOSED GRAVEL DRIVE: (hatched area)
- EXISTING GRAVEL DRIVE: (stippled area)
- PROPOSED DRAINAGE EASEMENT: (hatched area)

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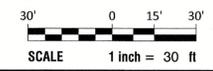
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| NO. | DESCRIPTION | DATE | BY |
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| 1 | CITY REVIEW COMMENTS | 1/28/26 | KB |

BOVIET SUBSTATION
GREENVILLE UTILITIES COMMISSION
 CITY OF GREENVILLE - PITT COUNTY - NORTH CAROLINA
EROSION CONTROL - PHASE II

DATE: JANUARY 12, 2026
 DESIGNED BY: JW
 DRAWN BY: KB
 CHECKED BY: JDV
 PROJECT No: 2025087
 DRAWING No: W-4267
 SCALE: AS NOTED
 SHEET No: **C4**

BENCHMARK - NGS MONUMENT WELCOME
 (NAD 83, 2011 RTM GRID COORDINATES)
 NORTHING: 398,009.08 US. FT.
 EASTING: 2,489,859.00 US. FT.
 ELEVATION: 33.08 FT. (NAVD88)



EROSION CONTROL NOTES:

- 1. ALL WORK WILL BE DONE IN ACCORDANCE WITH NCDCE EROSION AND SEDIMENT CONTROL ORDINANCE. SCHEDULING A PRE-CONSTRUCTION CONFERENCE WITH NCDCE EROSION CONTROL OFFICER IS REQUIRED PRIOR TO INITIATING LAND DISTURBING ACTIVITIES...
2. PRIOR TO CLEARING OPERATIONS, SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE CONSTRUCTION DRAWINGS...
3. SUBSTANTIATION YARD SHALL HAVE STONE BASE PLACED ON THEM FOR STABILIZATION AND SHOULDERS SHALL BE SEEDDED TO STABILIZE THE SOIL...

WHEN HYDROSEEDING EQUIPMENT IS USED FOR SEEDING, FERTILIZER SHALL BE APPLIED SIMULTANEOUSLY WITH SEED, USING THE ABOVE RATES OF APPLICATION. SEED SHALL BE CERTIFIED SEED OR EQUIVALENT BASED ON NORTH CAROLINA SEED IMPROVEMENT ASSOCIATION REQUIREMENTS FOR CERTIFICATION...

- SEED BED PREPARATION:
1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3" DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP ENTIRE AREA 4" DEEP.
3. REMOVE ALL LOGS, ROOTS AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL.
5. CONTINUE TILLAGE UNTIL A WELL PULVERIZED, REASONABLY UNIFORM SEEDBED IS PREPARED 4" TO 6" DEEP.
6. SPREAD SEED ON FRESHLY PREPARED SEEDBED AND COVER LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACKER AFTER SEEDING.
7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.

PERMANENT SEEDING:
APPLY DOLEMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE. IF HYDRATED LIME IS USED, FOLLOW RECOMMENDATION FROM SOIL TEST. COST OF THE TEST SHALL BE BORNE BY THE CONTRACTOR.

APPLY 10-10-10 FERTILIZER OUTSIDE OF NCDOT RIGHT-OF-WAY AT A RATE OF 1,000 POUNDS PER ACRE.
APPLY 10-20-20 FERTILIZER WITHIN NCDOT RIGHT-OF-WAY AT A RATE OF 500 POUNDS PER ACRE.

PROVIDE PERMANENT SEEDING IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING SEEDING SCHEDULES:

Table with 2 columns: Location/Type and Seeding Rate. Includes entries like 'OUTSIDE OF DOT RW (JANUARY 1 - MARCH 31) COMMON BERMAUDA GRASS (UNHILLED) - 20 POUNDS PER ACRE' and 'WITHIN DOT RW (JANUARY 1 - DECEMBER 31) FESCUE - 50 POUNDS PER ACRE'.

Table with 2 columns: Location/Type and Seeding Rate. Includes entries like 'SUMMER (APRIL 15 - AUGUST 15) GERMAN MILLET - 40 POUNDS PER ACRE' and 'SOIL AMENDMENTS FOR TEMPORARY SEEDING LIMESTONE - 2000 POUNDS PER ACRE'.

Table with 2 columns: Location/Type and Seeding Rate. Includes entries like 'SEED BED PROTECTION: STRAW MULCH - 2 TONS PER ACRE (VISUAL)' and 'ASPHALT TACK - 0.03 GALLONS PER SQUARE YARD'.

4. GROUND STABILIZATION (PER NCG010000)
a. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
i. ALL PERIMETER DIKES, SWALES, DITCHES, CHANNELS AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY...

5. SELF INSPECTION AND REPORTING REQUIREMENTS (PER NCG010000)
MINIMUM SELF INSPECTION AND REPORTING REQUIREMENTS ARE AS FOLLOWS UNLESS OTHERWISE APPROVED IN WRITING BY THE DIVISION OF WATER QUALITY:

- a. A RAIN GAUGE SHALL BE MAINTAINED IN GOOD WORKING ORDER ON THE SITE UNLESS ANOTHER RAIN MONITORING DEVICE HAS BEEN APPROVED BY THE PERMITTING AUTHORITY.
b. A WRITTEN RECORD OF THE DAILY RAINFALL AMOUNTS SHALL BE RETAINED AND ALL RECORDS SHALL BE MADE AVAILABLE TO DWQ OR AUTHORIZED AGENT UPON REQUEST (NOTE: IF NO RAINFALL OCCURRED, THE PERMITTEE MUST RECORD "ZERO").
c. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. INSPECTION RECORDS MUST BE MAINTAINED FOR EACH INSPECTION EVENT AND FOR EACH MEASURE. AT A MINIMUM, INSPECTION OF MEASURES MUST OCCUR AT THE FREQUENCY INDICATED BELOW...

- d. ONCE LAND DISTURBANCE HAS BEGUN ON THE SITE, STORMWATER RUNOFF DISCHARGE OUTFALLS SHALL BE INSPECTED BY OBSERVATION FOR EROSION, SEDIMENTATION AND OTHER STORMWATER DISCHARGE CHARACTERISTICS SUCH AS CLAY, FLOATING SOLIDS, AND OIL SHEENS. INSPECTIONS OF THE OUTFALLS SHALL BE MADE AT LEAST EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.50 INCHES OF RAIN PER 24 HOUR PERIOD.
e. INSPECTIONS ARE ONLY REQUIRED TO BE MADE DURING NORMAL BUSINESS HOURS. WHEN ADVERSE WEATHER CONDITIONS WOULD CAUSE THE SAFETY OF THE INSPECTION PERSONNEL TO BE IN JEOPARDY, THE INSPECTION CAN BE DELAYED UNTIL IT IS DEEMED SAFE TO PERFORM THESE DUTIES. IF THE INSPECTION CANNOT BE DONE ON THAT DAY, IT MUST BE COMPLETED ON THE FOLLOWING BUSINESS DAY.
f. TWENTY-FOUR HOUR REPORTING FOR VISIBLE SEDIMENT DEPOSITION
i. THE PERMITTEE SHALL REPORT TO THE DIVISION OF WATER QUALITY CENTRAL OFFICE OR THE APPROPRIATE REGIONAL OFFICE ANY VISIBLE SEDIMENT BEING DEPOSITED IN ANY STREAM OR WETLAND OR ANY NONCOMPLIANCE WHICH MAY ENDANGER HEALTH OR THE ENVIRONMENT. (SEE SECTION 4 OF THIS PERMIT FOR CONTACT INFORMATION.) ANY INFORMATION SHALL BE PROVIDED ORALLY OR ELECTRONICALLY WITHIN 24 HOURS FROM THE TIME THE PERMITTEE BECAME AWARE OF THE CIRCUMSTANCES, VISIBLE DISCOLORATION OR SUSPENDED SOLIDS IN THE EFFLUENT SHOULD BE RECORDED ON THE INSPECTION RECORD AS PROVIDED BELOW.

II. A WRITTEN SUBMISSION SHALL BE PROVIDED TO THE APPROPRIATE REGIONAL OFFICE OF THE DWQ WITHIN 5 DAYS OF THE TIME THE PERMITTEE BECOMES AWARE OF THE CIRCUMSTANCES. THE WRITTEN SUBMISSION SHALL CONTAIN A DESCRIPTION OF THE SEDIMENT DEPOSITION AND ACTIONS TAKEN TO ADDRESS THE CAUSE OF THE DEPOSITION. THE DIVISION OF WATER QUALITY STAFF MAY WAIVE THE REQUIREMENT FOR A WRITTEN REPORT ON A CASE-BY-CASE BASIS.

g. RECORDS OF INSPECTIONS MADE DURING THE PREVIOUS 30 DAYS SHALL REMAIN ON THE SITE AND AVAILABLE FOR AGENCY INSPECTORS AT ALL TIMES DURING NORMAL BUSINESS HOURS. UNLESS THE PERMITTING AUTHORITY PROVIDES A SITE-SPECIFIC EXEMPTION BASED ON UNIQUE SITE CONDITIONS THAT MAKE THIS REQUIREMENT NOT PRACTICAL, OLDER RECORDS MUST BE MAINTAINED FOR A PERIOD OF ONE YEAR AFTER PROJECT COMPLETION AND MADE AVAILABLE UPON REQUEST. THE RECORDS MUST PROVIDE THE DETAILS OF EACH INSPECTION INCLUDING OBSERVATIONS, AND ACTIONS TAKEN IN ACCORDANCE WITH THIS PERMIT. THE RECORDS SHOULD INCLUDE THE FOLLOWING INFORMATION:
1. DATE AND TIME OF THE INSPECTION.
2. NAME OF THE PERSON PERFORMING THE INSPECTION.
3. INDICATION OF WHETHER THE MEASURES WERE OPERATING PROPERLY.
4. DESCRIPTION OF MAINTENANCE NEEDS FOR THE MEASURE.
5. CORRECTIVE ACTIONS TAKEN AND
6. DATE OF ACTIONS TAKEN.

h. INSPECTION RECORDS MUST INCLUDE, AT A MINIMUM, THE FOLLOWING:
I. CONTROL MEASURE INSPECTIONS: INSPECTION RECORDS MUST INCLUDE AT A MINIMUM:
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. CORRECTIVE ACTIONS TAKEN AND
7. DATE OF ACTIONS TAKEN.

II. STORMWATER DISCHARGE INSPECTIONS: INSPECTION RECORDS MUST INCLUDE AT A MINIMUM:
1. IDENTIFICATION OF THE DISCHARGE OUTFALL INSPECTED,
2. DATE AND TIME OF THE INSPECTION,
3. NAME OF THE PERSON PERFORMING THE INSPECTION,
4. LINDING OF THE DISCHARGE OUTFALL INSPECTED,
5. INDICATION OF WHETHER THE MEASURES WERE OPERATING PROPERLY,
6. DESCRIPTION OF MAINTENANCE NEEDS FOR THE MEASURE,
7. DATE OF ACTIONS TAKEN.

III. VISIBLE SEDIMENTATION FOUND OUTSIDE THE SITE LIMITS: INSPECTION RECORDS MUST INCLUDE:
1. AN EXPLANATION AS TO THE ACTIONS TAKEN TO CONTROL FUTURE RELEASES,
2. ACTIONS TAKEN TO CLEAN UP OR STABILIZE THE SEDIMENT THAT HAS LEFT THE SITE LIMITS AND THE DATE OF ACTIONS TAKEN.

IV. VISIBLE SEDIMENTATION FOUND IN STREAMS OR WETLANDS: ALL INSPECTIONS SHOULD INCLUDE EVALUATION OF STREAMS OR WETLANDS ONSITE OR OFFSITE (WHERE ACCESSIBLE) TO DETERMINE IF VISIBLE SEDIMENTATION HAS OCCURRED.

V. VISIBLE STREAM TURBIDITY - IF THE DISCHARGE FROM A SITE RESULTS IN VISIBLE STREAM TURBIDITY, INSPECTION RECORDS MUST RECORD THAT EVIDENCE AND ACTIONS TAKEN TO REDUCE SEDIMENT CONTRIBUTIONS. SITES DISCHARGING TO STREAMS NAMED ON THE STATE'S 303(D) LIST AS IMPAIRED FOR SEDIMENT RELATED CAUSES MAY BE REQUIRED TO PERFORM ADDITIONAL MONITORING AND APPLICATION OF MORE-STRINGENT MANAGEMENT PRACTICES IF IT IS DETERMINED THAT THE ADDITIONAL REQUIREMENTS ARE NEEDED TO ASSURE COMPLIANCE WITH THE FEDERAL OR STATE IMPAIRED-WATERS CONDITIONS. IF A DISCHARGE COVERED BY THIS PERMIT ENTERS A STREAM SEGMENT THAT IS LISTED ON THE IMPAIRED STREAM LIST FOR SEDIMENT-RELATED CAUSES, AND A TOTAL MAXIMUM DAILY LOAD (TMDL) HAS BEEN PREPARED FOR THOSE POLLUTANTS, THE PERMITTEE MUST IMPLEMENT MEASURES TO ENSURE THAT THE DISCHARGE OF POLLUTANTS IN THE SITE IS CONSISTENT WITH THE ASSUMPTIONS AND MEETS THE REQUIREMENTS OF THE APPROVED TMDL. THE DWQ 303(D) LIST CAN BE FOUND AT: HTTP://W20.ENV.STATE.NC.US/TMDL/GENERAL_303D.TM

6. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL ALL SEEDING IS ESTABLISHED AND CONSTRUCTION AREAS HAVE BEEN STABILIZED.

7. TEMPORARY SEEDING - SEED IN ACCORDANCE WITH SOIL CONSERVATION SERVICE RECOMMENDATIONS WITH REGARD TO SEED TYPE, RATE OF APPLICATION, FERTILIZER, ETC. TEMPORARY SEEDING WILL BE DONE IN THOSE AREAS THAT ARE BARE AND NO WORK WITHIN 14 DAYS.

8. INSTALL AND MAINTAIN ROCK INLET SEDIMENT TRAPS AROUND ALL CATCH BASINS, DROP INLETS OR JUNCTION BOXES AND ELSEWHERE AS INDICATED ON PLAN OR AS DIRECTED BY ENGINEER.

9. EROSION CONTROL MEASURES TO BE REMOVED UPON STABILIZATION, WHEN ADEQUATE VEGETATION HAS OCCURRED (±80%).

10. PROVIDE 20' X 50' X 8" STONE CONSTRUCTION ENTRANCES AS NEEDED.

11. ALL DEWATERING OPERATIONS WILL BE FILTERED PRIOR TO LEAVING THE SITE.

12. STREETS WILL BE SWEEP AS NEEDED, BUT A MINIMUM OF ONCE A WEEK WHILE GRADING OPERATIONS ARE UNDERWAY.

13. STOCKPILE TOPSOIL FOR USE IN LANDSCAPING.

14. SEED OR OTHERWISE PROVIDE GROUND COVER DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION FOR ALL EXPOSED SLOPES STEEPER THAN 3:1. ALL OTHER AREAS SHALL BE STABILIZED WITHIN 14 DAYS.

15. CONTRACTOR SHALL INSPECT AND MAINTAIN AS NEEDED ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH MAJOR STORM EVENT. WHEN INSPECTION REVEALS THE TRAP TO BE REDUCED TO 50% OF DESIGN CAPACITY, OR THE DEVICE TO BE DEFICIENT IN ITS INTENDED PURPOSE SUCH AS FABRIC DETERIORATION FOR SILT FENCES, THE CONTRACTOR SHALL RESTORE THE DEVICE TO ITS ORIGINAL CONDITION. EROSION CONTROL DEVICES IN PROPER WORKING ORDER MAY RESULT IN A STOP WORK ORDER OR CIVIL PENALTIES UP TO \$5,000 PER DAY OF VIOLATION.

16. THE CITY ENGINEER RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES SHOULD THE PLAN OR ITS IMPLEMENTATION PROVE TO BE INADEQUATE.

17. ACCEPTANCE AND APPROVAL OF THIS PLAN IS CONDITIONED UPON YOUR COMPLIANCE WITH FEDERAL AND STATE WATER QUALITY LAWS, REGULATIONS AND RULES. IN ADDITION, LOCAL CITY AND COUNTY ORDINANCES OR RULES MAY ALSO APPLY TO THIS LAND-DISTURBING ACTIVITY. APPROVAL BY THE CITY DOES NOT SUPERSEDE ANY OTHER PERMIT OR APPROVAL.

18. 'EROSION AND SEDIMENT CONTROL (EASC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES (INCLUDING TIMBERING AND DEMOLITION) OCCUR'. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEQ.NC.GOV/NOI. PLEASE NOTE, THE E-NOI FORM MAY ONLY BE FILLED ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE EASC PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.

19. 'WHEN THE PROJECT IS COMPLETE, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&S PLAN.' AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NOI TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). AN ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOI HAS BEEN FILLED OUT.

20. PERIMETER MEASURES MUST BE LEFT IN PLACE UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. AFTER SITE IS PERMANENTLY STABILIZED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROVIDE PERMANENT SEEDING WHERE TEMPORARY MEASURES HAVE BEEN REMOVED. PERMANENT GROUND COVER IS NOT ADEQUATE. SEDIMENT BASINS MAY NOT BE REMOVED OR CONVERTED TO PERMANENT SCMS UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. NCDCE EROSION CONTROL OFFICER SHOULD BE NOTIFIED 10-DAYS PRIOR TO REMOVAL OF A BASIN.' (GS 1134-57(c), 15A NCAC 04B-0113)

21. 'PER NPDES REQUIREMENTS, A RAIN GAUGE, SELF-INSPECTIONS RECORDS, PERMIT, CERTIFICATE OF COVERAGE, AND S&E PLAN ARE REQUIRED TO BE MAINTAINED ON SITE AND ACCESSIBLE DURING INSPECTION. IT IS RECOMMENDED THAT THESE ITEMS BE PLACED IN A PERMITS BOX AT THE BEGINNING OR ENTRANCE OF PROJECT.' (NCG01 PART III SECTIONS A AND B, 15A NCAC 04B-0113)

22. PLANT BE ADVISED OF THE RULES TO PROTECT AND MAINTAIN EXISTING BUFFERS ALONG WATERCOURSES IN THE NEUSE AND TAR-PAMLICO RIVER BASINS. THESE RULES ARE ENFORCED BY THE DIVISION OF WATER QUALITY (DWQ). DIRECT ANY QUESTIONS ABOUT THE APPLICABILITY OF THESE RULES TO YOUR PROJECT TO THE REGIONAL WATER QUALITY SUPERVISOR, WASHINGTON REGIONAL OFFICE AT (252) 946-6481.

CONSTRUCTION SCHEDULE

PHASE 1

- 1. OBTAIN PLAN APPROVALS AND ALL APPLICABLE PERMITS.
2. FLAG LIMITS OF CLEARING/GRUBBING AND POUGH GRADING.
3. HOLD PRECONSTRUCTION MEETING WITH CONTRACTOR, EROSION CONTROL ADMINISTRATOR (252-946-3900), PROJECT ENGINEER AND OWNER BEFORE WORK BEGINS.
4. INSTALL THE PERIMETER SEDIMENT FENCES AS THE FIRST CONSTRUCTION ACTIVITY.
5. INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE.
6. INSTALL TEMPORARY SEDIMENT BASIN AND TEMPORARY DIVERSION SWALE PER PLAN.
7. INSTALL CONCRETE WASHOUT AREA WITH SIGN.
8. INSTALL STORM SEWER WITH ROCK INLET SEDIMENT TRAPS.
9. PROVIDE A GROUND COVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING FOR SLOPES 3:1 OR FLATTER INCLUDING ALL OTHER SLOPES 4:1 OR FLATTER. PROVIDE A GROUND COVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 7 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING FOR SLOPES 3:1 OR STEEPER.
10. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE REQUIRED BY THE STATE OR OWNER IF DEEMED NECESSARY.

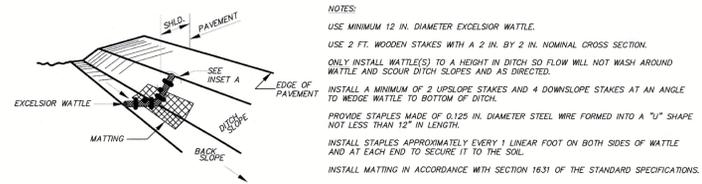
PHASE 2

- 11. INSTALL STONE IN GRAVEL SUBSTITUTION YARD.
12. REMOVE TEMPORARY SKIMMER BASIN AFTER EROSION CONTROL OFFICER APPROVAL HAS BEEN GRANTED.
13. INSTALL STORMWATER VET POND AND REVISE OUTLET STRUCTURE AND PIPING.
14. INSTALL PERMANENT VEGETATION ON THE DISTURBED AREAS.
15. UPON STABILIZATION OF THE STORMWATER WET POND, INSTALL STORM DRAINAGE INCLUDING ALL TEMPORARY EROSION CONTROL MEASURES ASSOCIATED WITH DRAINAGE STRUCTURES AND OUTLETS.
16. PROVIDE A GROUND COVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING FOR SLOPES 3:1 OR FLATTER INCLUDING ALL OTHER SLOPES 4:1 OR FLATTER. PROVIDE A GROUND COVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 7 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING FOR SLOPES 3:1 OR STEEPER.
17. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES. FINE GRADE DISTURBED AREAS AND INSTALL PERMANENT VEGETATION ON THE DISTURBED AREAS.
18. MAINTAIN PERMANENT VEGETATION BY TOP DRESSING WITH 700 LBS PER ACRE OF FERTILIZER. EVERY 6 MONTHS UNTIL THE COMPLETION OF THE PROJECT.
19. MAINTAIN PROPER SOIL GRADING AND PROTECT FROM EROSION.
20. FINE GRADE, PERMANENTLY SEED AND MULCH ALL LANDSCAPED AREAS.
21. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES UPON COMPLETION AND STABILIZATION OF PROJECT.

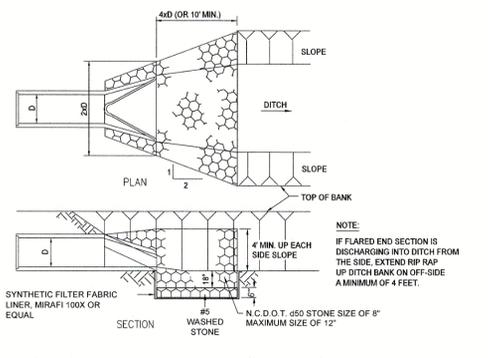
GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT. Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling practices of the NCG01 Construction General Permit (Sections E and F, respectively).
SECTION E - GROUND STABILIZATION
Required Ground Stabilization Timeframes
Site Area Description Stabilization within many calendar days after ceasing land disturbance Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes 7 None
(b) High Quality Water (HOW) Zones 7 None
(c) Slopes steeper than 3:1 7 Slopes are 10' or less in length and are not steeper than 2:1. 14 days are 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 HDW Zones. 10 days for Falls Lake Watershed
(d) Slopes 3:1 to 4:1 14 7 days for perimeter dikes, swales, ditches, perimeter slopes and HDW Zones. 10 days for Falls Lake Watershed unless there is zero slope
(e) Areas with slopes flatter than 3:1 14 7 days for perimeter dikes, swales, ditches, perimeter slopes and HDW 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 30 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained until the surface stabilizes against accelerated erosion until permanent ground stabilization is achieved.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

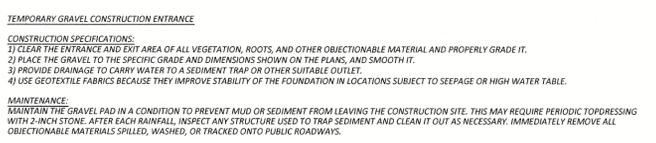
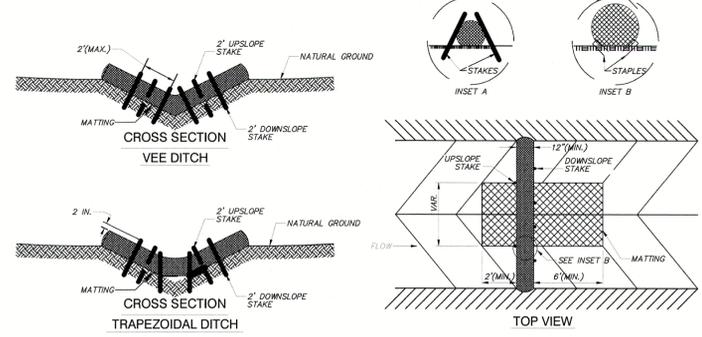
PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION A - SELF-INSPECTION
Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection 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 that 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 rainfall amounts. If a daily rain gauge observation is made during weekend or holiday, the observation shall be noted in the record. If available, record the cumulative rain measurement for those unattended days and list the weather if it is reported to the permittee. Days which are not recorded shall be recorded as "None" if the permittee has no other rain-measuring device at the site.
(2) EASC Measures At least once per calendar day and within 24 hours of rain event 1. Name of the person performing the inspection,
2. Name of the person performing the inspection,
3. Identification of erosion control measures to be inspected,
4. Description, condition, and date of corrective actions taken.
(3) Stormwater discharge volume (DOV) 7 calendar days and within 24 hours of each rain event 1. Size and time of the inspection,
2. Name of the person performing the inspection,
3. Volume of discharges of stormwater pollution such as oil flows, fueling or equipment leaks or discharges,
4. Volume of visible sediment leaving the site,
5. Description, condition, and date of corrective actions taken.
(4) Perimeter of site At least once per hour and within 24 hours of rain event 1. Actions taken to clean up or stabilize the address that has left the site,
2. Identification of the address taken to correct the site.
(5) Timbers or other debris on or within 24 hours of rain event 1. If the stream or wetland has increased visible sedimentation or a stream bank visible erosion,
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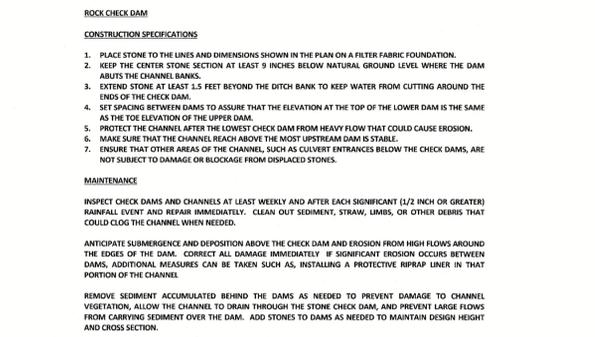
1 EXCELSIOR WATTLE DETAIL
N.T.S.



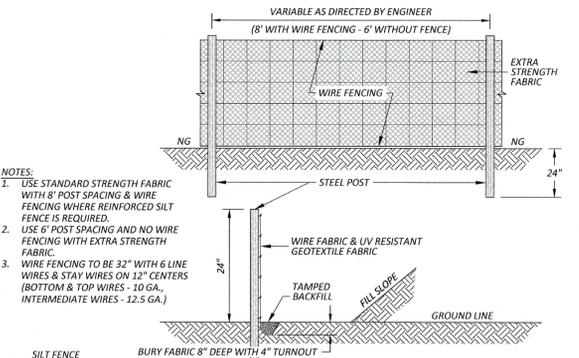
3 FLARED END SECTION WITH RIP RAP
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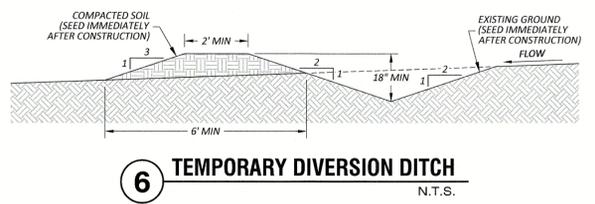
4 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
N.T.S.
W-SPEC-6



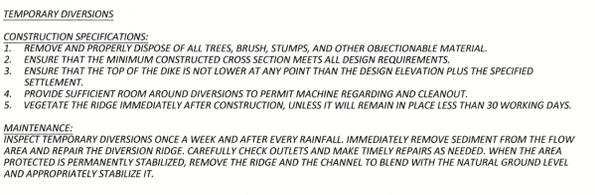
2 ROCK SILT CHECK DAM
N.T.S.



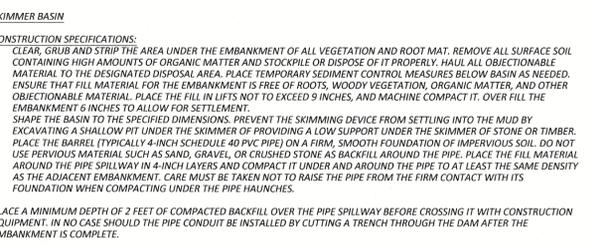
5 STANDARD SILT FENCE
N.T.S.



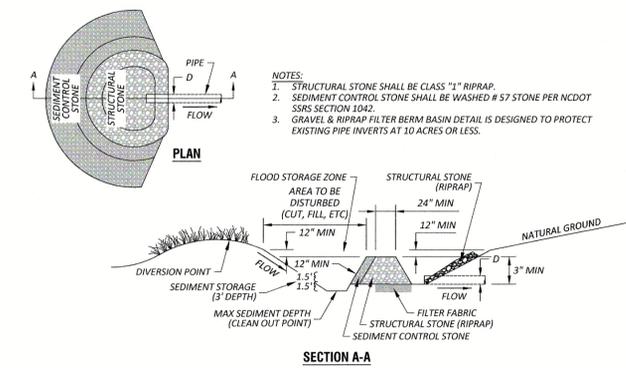
6 TEMPORARY DIVERSION DITCH
N.T.S.



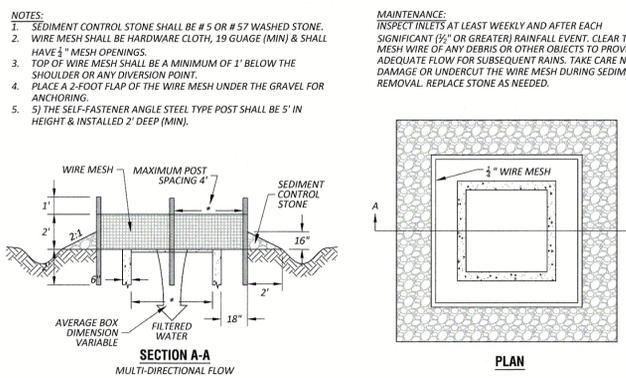
TEMPORARY SKIMMER BASIN (TSB) WITH RISER BARREL



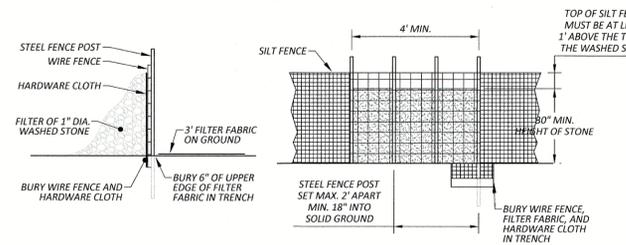
7 SEDIMENT BASIN WITH SKIMMER
N.T.S.
W-SPEC-3



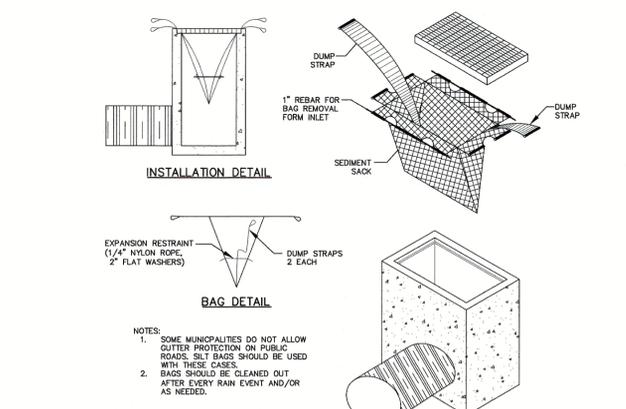
8 TEMPORARY ROCK PIPE INLET PROTECTION
N.T.S.



9 ROCK INLET SEDIMENT TRAP
N.T.S.



10 SILT FENCE OUTLET
N.T.S.



11 SILT BAG DETAIL
N.T.S.



REVISIONS:

| NO. | DESCRIPTION | DATE | BY |
|---------|-------------|------|----|
| 1/28/26 | KB | | |

CITY REVIEW COMMENTS

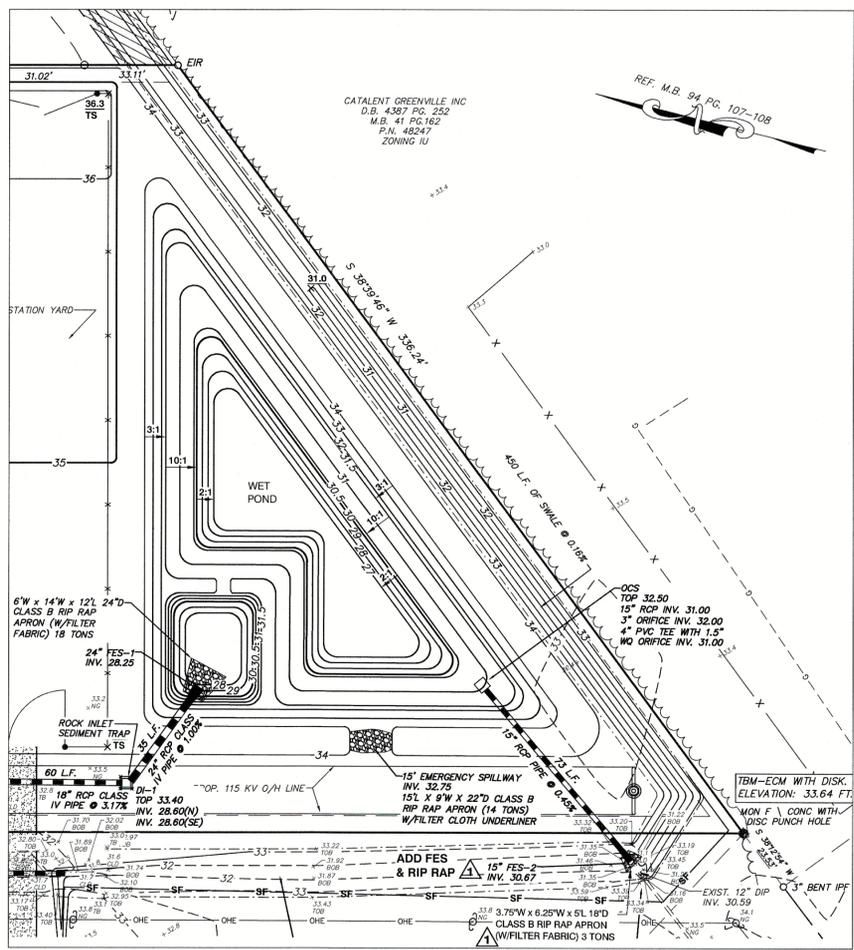


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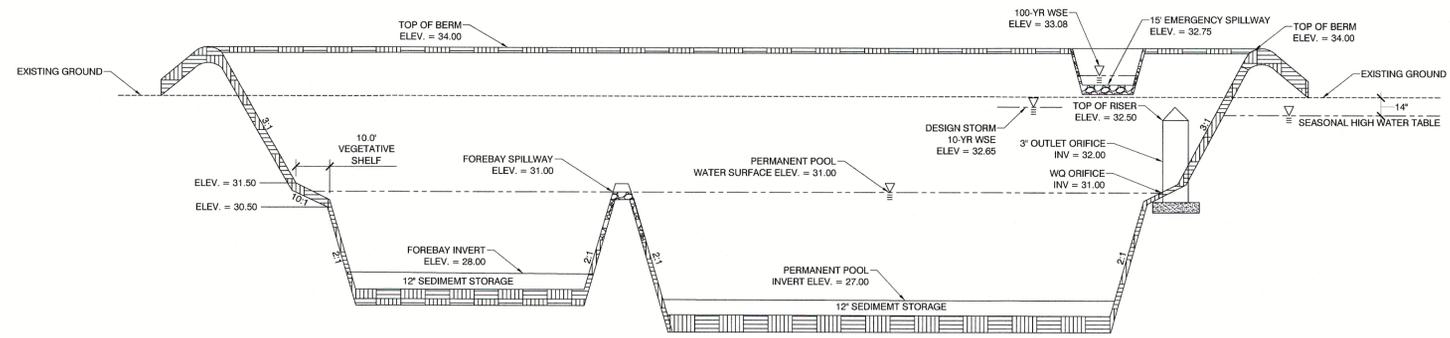
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BOVIET SUBSTATION
GREENVILLE UTILITIES COMMISSION
 CITY OF GREENVILLE ~ PITT COUNTY ~ NORTH CAROLINA
STORMWATER CONTROL PLAN - DETAILS

DATE: JANUARY 12, 2026
 DESIGNED BY: MP
 DRAWN BY: KB
 CHECKED BY: MP
 PROJECT No. 2025087
 DRAWING No. W-4267
 SCALE: AS NOTED
 SHEET No. C9



SCM PLAN VIEW
 SCALE 1 inch = 30 ft



SCM SECTION VIEW
 N.T.S.

EMBANKMENT COMPACTION

- ALL FILL MATERIAL FOR THE EMBANKMENT SHOULD BE PLACED IN LAYERS (OR LIFTS) NO GREATER THAN 6" THICK.
- THE LARGEST SIZE PARTICLE SHOULD NOT BE GREATER THAN 1/4 THE HEIGHT OF THE LIFT THAT IS 2". EACH LAYER SHOULD BE THOROUGHLY COMPACTED BEFORE THE NEXT LAYER IS PLACED.
- THE COMPACTION EFFORT ACHIEVED SHOULD BE ON AVERAGE 98% STANDARD PROCTOR ASTM D698.
- THE MINIMUM COMPACTION EFFORT SHOULD BE 95% STANDARD PROCTOR ASTM D698.
- THE MATERIAL FORMING THE EMBANKMENT SHOULD BE PLACED WITH SUFFICIENT MOISTURE TO ENSURE PROPER COMPACTION. THE MOISTURE CONTENT SHOULD BE IN THE RANGE OF -1% TO +3% OF OPTIMUM MOISTURE CONTENT (OMC).
- BEFORE EACH ADDITIONAL 6" LIFT IS ADDED TO THE EMBANKMENT, THE PRECEDING LIFT SHOULD BE SCARIFIED TO ENSURE THAT THE TWO LIFTS ARE PROPERLY JOINED.
- A WHEELED SCRAPER OR TRUCK SHOULD BE USED FOR PLACING THE CLAY ON THE DAM SITE. THE CLAY SHOULD THEN BE SPREAD BY THE USE OF THE BLADE ON A TAMPER FOOT ROLLER FROM A BULLDOZER TOWING A TAMPER FOOT ROLLER (SHEEPSFOOT ROLLER).

POND NOTES

- TOP OF BERM AND ALL SIDE SLOPES SHALL BE EITHER SODDED OR HYDROSEEDING TO ESTABLISH A DENSE STAND OF NON CLUMPING TURF GRASS.
- NO TREES SHRUBS OR WOODY VEGETATION IS ALLOWED ON THE TOP OF BERM OR SLOPES.
- NO RIP RAP OR STONE IS ALLOWED IN THE BERM EMBANKMENT.
- CONTRACTOR TO WATER PLANTINGS AND GRASS AS NEEDED.
- CONTRACTOR SHALL NOT BE RELEASED UNTIL AFTER THE POND HAS BEEN ASBUILT SURVEYED, PE CERTIFIED AND ACCEPTED BY CITY OF GREENVILLE.

PERMANENT SEEDING SPECIFICATIONS

SEEDING MIXTURE
 SPECIES PREMIUM BERMU DA RATE (LB/ACRES) 60

NURSE PLANTS
 BETWEEN APR. 15 AND AUG. 15, ADD 10 LB/ACRE GERMAN MILLET OR 15 LB/ACRE SUDAN GRASS PRIOR TO MAY 1 OR AFTER AUG 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 SOIL TEST. IF SOIL TEST IS NOT AVAILABLE APPLY 2 TONS/ACRE AGRICULTURAL GRADE LIMESTONE AND 1,000 LBS/ACRE OF 10-10-10 FERTILIZER, OR APPLY 3,000-5,000 LB/ACRE SUDAN GRASS. PRIOR TO MAY 1 OR AFTER AUG. 15, ADD 25 LB/ACRE RYE (GRASS)

MULCH
 APPLY 4,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR ROWING OR BY CRIMPING WITH A MULCH ANCHORING TOOL. A DICK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
 IF GROWTH IS LESS THAN FULL ADEQUATE, REFERTILIZE THE SECOND YEAR. ACCORDING TO SOIL TESTS OR TOPDRESS WITH 500 LB/ACRE 10-10-10 FERTILIZER. MOW AS NEEDED. RESEED, FERTILIZE AND MULCH DAMAGED AREAS IMMEDIATELY.

MAINTENANCE

INSPECTION ACTIVITIES - (FREQUENCY)
 WHERE MAINTENANCE REQUIRES DEWATERING, DO SO BY MEANS OF DEWATERING PUMP.

AFTER CONSTRUCTION
 INSPECT AFTER SEVERAL STORM EVENTS FOR BANK STABILITY, VEGETATION GROWTH, DRAINAGE SYSTEM FUNCTIONING, AND STRUCTURAL DAMAGE.

SEMI-ANNUAL INSPECTION
 INSPECT FOR INVASIVE VEGETATION, DIFFERENTIAL SETTLEMENT, CRACKING; EROSION, LEAKAGE, OR TREE GROWTH ON THE EMBANKMENT; THE CONDITION OF THE RIPRAP IN THE INLET, OUTLET, AND PILOT CHANNELS; SEDIMENT ACCUMULATION IN THE BASIN; CLOGGING OF OUTLET; AND THE VIGOR AND DENSITY OF THE VEGETATION ON THE BASIN SIDE SLOPES AND FLOOR. CORRECT OBSERVED PROBLEMS AS NECESSARY.

NOTE SIGNS OF HYDROCARBON BUILDUP SUCH AS FLOATING OIL ON WATER SURFACE. -INSPECT FOR DAMAGE TO THE EMBANKMENT AND INLET/OUTLET STRUCTURES. REPAIR AS NECESSARY. -MONITOR FOR SEDIMENT ACCUMULATION IN THE FACILITY AND FOREBAY. EXAMINE INLET AND OUTLET DEVICES TO ENSURE THEY ARE FREE OF DEBRIS AND ARE OPERATIONAL.

MAINTENANCE ACTIVITIES - (FREQUENCY)

ONE TIME

- REPLACE WET POND VEGETATION TO MAINTAIN AT LEAST 50% OF SURFACE AREA COVERAGE IN WET POND PLANTS AFTER THE SECOND GROWING SEASON.

AS NEEDED

- REPAIR UNDERCUT AREAS, EROSION TO BANKS, AND BOTTOM AS REQUIRED. WHERE PERMITTED BY THE DEPARTMENT OF FISH AND GAME OR OTHER AGENCY REGULATIONS, STOCK CONSTRUCTED WET PONDS REGULARLY WITH MOSQUITO FISH (GAMBUSIA SPP.) TO ENHANCE NATURAL MOSQUITO AND MIDGE CONTROL.

3 TO 4 TIMES PER YEAR

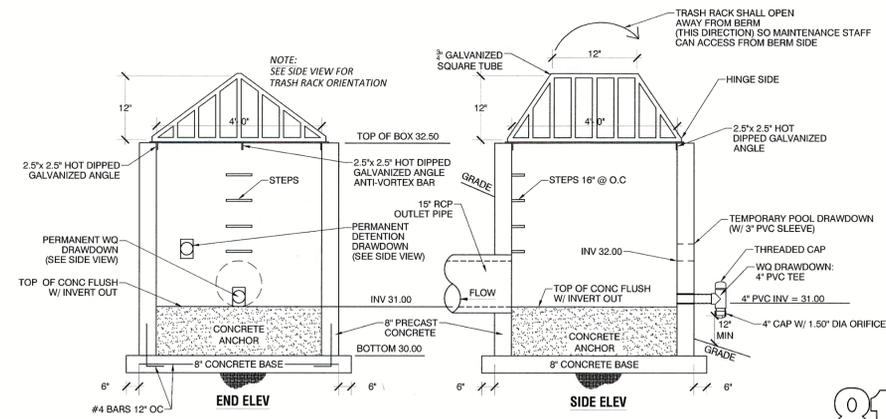
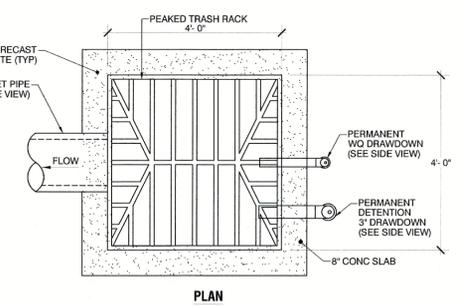
- CLEAN AND REMOVE DEBRIS FROM INLET AND OUTLET STRUCTURES.
- MOW SIDE SLOPES AND REMOVE GRASS CLIPPINGS. REMOVE LITTER AND DEBRIS FROM BANKS, BASIN BOTTOM, TRASH RACKS, OUTLET STRUCTURES, AND VALVES AS REQUIRED.

ANNUAL (IF NEEDED)

- SUPPLEMENT WET POND PLANTS IF A SIGNIFICANT PORTION HAVE NOT ESTABLISHED (AT LEAST 50% OF THE SURFACE AREA).
- REMOVE NUISANCE PLANT SPECIES.
- CLEAN FOREBAY TO AVOID ACCUMULATION IN MAIN WET POND AREA TO MINIMIZE WHEN THE MAIN WET POND AREA NEEDS TO BE CLEANED.
- HARVEST PLANT SPECIES IF VEGETATION BECOMES TOO THICK CAUSING FLOW BACKUP AND FLOODING. MORE FREQUENT PLANT HARVESTING MAY BE REQUIRED BY LOCAL VECTOR CONTROL AGENCIES.
- FERTILIZE NEW VEGETATION ONE TIME ONLY. THE OWNER SHALL NOT FERTILIZE VEGETATION AFTER THE INITIAL OCCURRENCE.
- MONITOR SEDIMENT ACCUMULATIONS, AND REMOVE SEDIMENT WHEN THE ACCUMULATED SEDIMENT VOLUME EXCEEDS 10-20% OF THE BASIN VOLUME, PLANTS ARE "CHOKED" WITH SEDIMENT, OR THE WET POND BECOMES EUTROPHIC. IT IS SUGGESTED THAT THE MAIN AREA BE CLEANED ONE HALF AT A TIME WITH AT LEAST ONE GROWING SEASON IN BETWEEN CLEANINGS. THIS WILL HELP TO PRESERVE THE VEGETATION AND ENABLE THE WET POND TO RECOVER MORE QUICKLY FROM THE CLEANING.

OUTLET CONTROL STRUCTURE NOTES

- STRUCTURE SHALL BE PRECAST CONCRETE
- PRECASTER SHALL DESIGN AND FURNISH ALL STEEL REINFORCING, WALL THICKNESS AND HARDWARE.
- MANUFACTURE ENTIRE CONCRETE AS ONE SECTION WITH NO JOINTS IF PRACTICAL.
- ANY JOINTS SHALL BE WATER TIGHT AND BE CONSTRUCTED FOR ANTI-FLOTATION. THEY SHALL HAVE (4) GALVANIZED STEEL PLATES 12" X 12" X 1/2", ONE PER SIDE. EACH PLATE SHALL HAVE (4) GALVANIZED STEEL BOLTS (1/2" DIA X 8" L MIN.) FOR ANTI-FLOTATION.
- THROUGHOUT GRADING OPERATION, TEMPORARY SKIMMER SHALL BE IN PLACE.



OUTLET CONTROL STRUCTURE
 N.T.S.

STORMWATER WET POND PLANTING SPECIFICATIONS

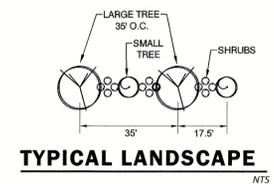
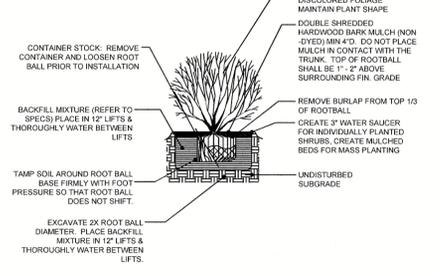
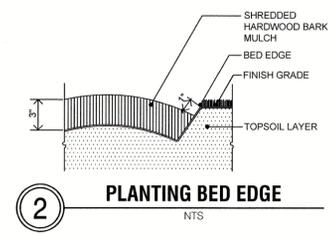
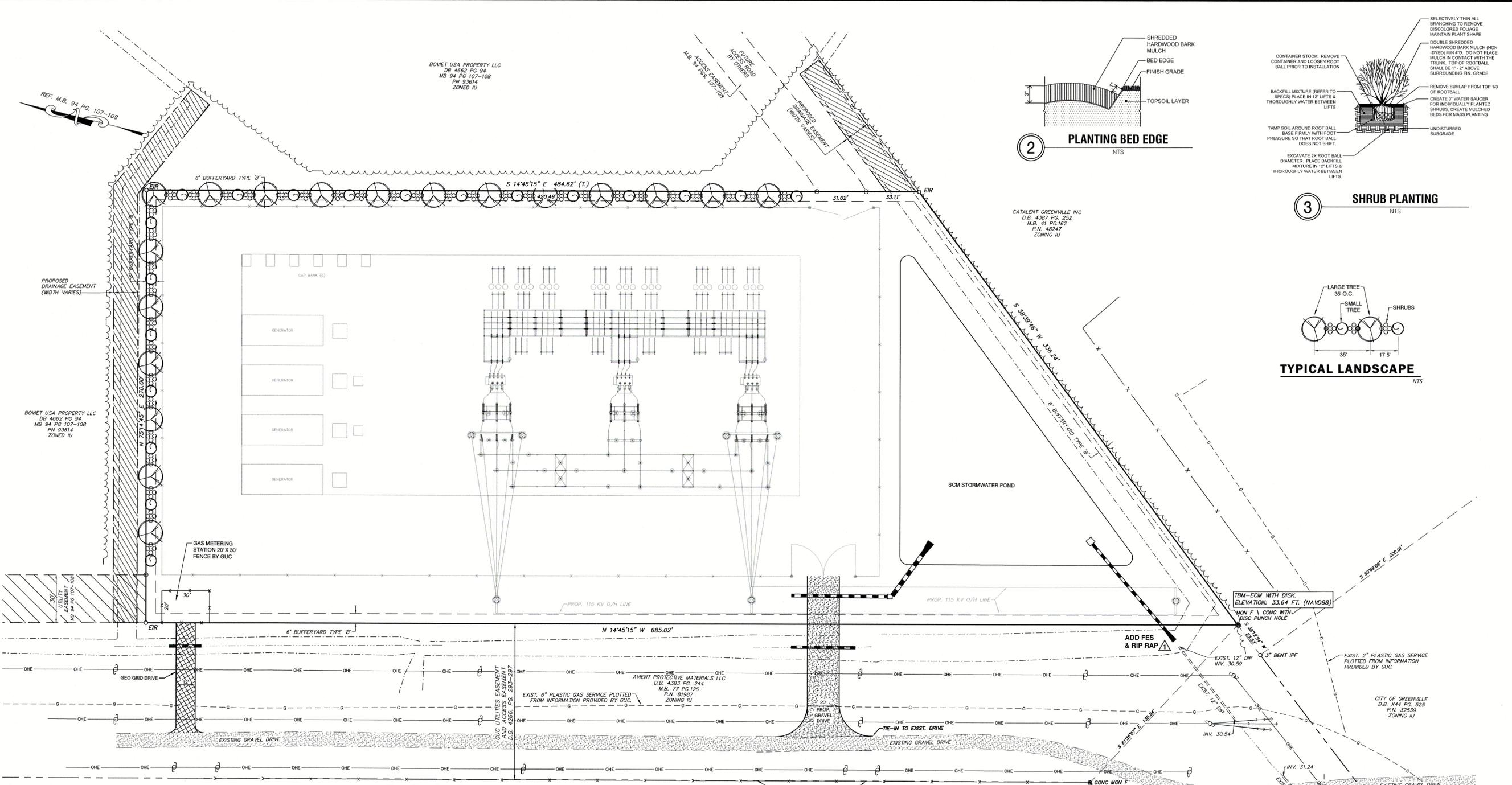
- ALL HERBACEOUS PLANTS WITHIN THE WET POND PROPER SHALL BE INSTALLED BETWEEN MARCH 15 AND JULY 31. UNLESS OTHERWISE DESIGNATED, PLANTS SHOULD BE INSTALLED AS LARGE DRIFTS (I.E., MASSES OF A SINGLE SPECIES) WITHIN THEIR RESPECTIVE PLANTING AREAS.
- INSTALL A SLOW RELEASE FERTILIZER TABLET NEXT TO EACH PLANT WITHIN THE WET POND PROPER. FOR HERBACEOUS SPECIES USE AG SAFE AQUATIC-TABS 20-10-5, 90 DAY CONTINUOUS FEEDING, 5 GRAMS, OR EQUIVALENT.
- ALL PLANTS SHALL BE DIRECTLY DESCENDED FROM INDIVIDUALS GROWING WILD WITHIN 200 MILES OF THE PROJECT SITE. IF SUITABLE STOCK CANNOT BE OBTAINED, PLANTS OF OTHER GENETIC PROVENANCES MAY BE UTILIZED WITH THE APPROVAL OF THE OWNER OR OWNERS REPRESENTATIVE.
- PLANT MATERIAL SHOULD CONFORM TO AMERICAN STANDARD NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. (SEE PLANT LIST AND NOTES 6 & 7).
- ALL PLANT MATERIAL TO BE CONTAINER GROWN PLANTS OF AT LEAST 4.0 CUBIC INCHES CAPACITY.
- A MINIMUM OF THREE(3) DIFFERENT SPECIES.

VEGETATIVE SHELF PLANTS: (50 PLANTS PER 200 SF)
 TOTAL: 4,968 SF = 1142 PLANTS

STORMWATER WET POND PLANTING TABLE

| BOTANICAL NAME | COMMON NAME | QUANTITY |
|-------------------------|---------------------|----------|
| ASCLEPIAS INCARNATA | SWAMP MILKWEED | 191 |
| EUPATORIADELPHUS DUBIUS | DWARF JOE PYE WEED | 191 |
| CAREX TENERA | QUILL SEDGE | 190 |
| HIBISCUS LAEVIS | SCARLET ROSE MALLOW | 190 |
| RHYNCHOSPORA COLORATA | STARRUSH WHITETOP | 190 |
| LOBELIA ELONGATA | LONGLEAF LOBELIA | 190 |

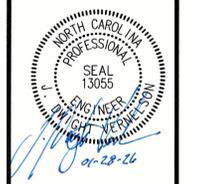
MELLOW MARSH FARMS (919) 742 1200



BUFFERYARD:

- SITE DATA: LAND AREA FOR VEGETATION REQUIREMENTS: 3.62 ACRES
 - REQ'D VEGETATION FOR LOT
 - FIVE (5) LARGE TREES: X 3.6 = 18 REQUIRED - 18 PROVIDED
 - TEN (10) SMALL TREES: X 3.6 = 36 REQUIRED - 19 PROVIDED (51 SHRUBS SUBSTITUTED FOR 17 SMALL TREES)
 - TWENTY FIVE (25) SHRUBS: X 3.6 = 90 REQUIRED - 144 PROVIDED
 - VEGETATION SUBSTITUTION
 - ONE (1) LARGE TREE MAY SUBSTITUTE FOR TWO (2) SMALL TREES OR FIVE (5) SHRUBS
 - ONE (1) SMALL TREE MAY SUBSTITUTE FOR THREE (3) SHRUBS
 - REQUIRED STREET VEGETATION: NONE
 - REQUIRED SCREENING VEGETATION: NONE
- MINIMUM PLANT SIZES SHALL BE IN ACCORDANCE WITH THE ZONING REQUIREMENTS AS FOLLOWS: CALIPER MEASUREMENTS SHALL BE TAKEN AT SIX INCHES ABOVE GRADE.
 - LARGE TREE: SINGLE STEM 10 FT. HEIGHT & 2" CALIPER
MULTI-STEM 10 FT. HEIGHT
 - SMALL TREE: 8 FT. HEIGHT & 1.5" CALIPER
 - SHRUBS: 18" HEIGHT, EXCEPT AS PROVIDED UNDER SECTION 9-4-267(b)
- ALL REQUIRED PLANT MATERIAL (LARGE AND SMALL TREES, SCRUBS) LOCATED IN A SCREENING BUFFERYARD (C, D, E & F) SHALL BE EVERGREEN.
- EXISTING SUBSTITUTE VEGETATION MATERIALS HAVE BEEN NOTED INCLUDING THEIR SPECIFIC LOCATION(S), TYPE(S), AND SIZE(S).
- EXISTING SUBSTITUTE MATERIAL SHALL BE PROTECTED FROM SITE DEVELOPMENT ACTIVITIES IN ACCORDANCE WITH SECTION 9-4-265(F). [IF APPLICABLE]
- NO PORTION OF ANY PARKING AREA, INCLUDING ANY DRIVEWAY, PARKING SPACE, DRIVE AISLE, OR TURNING AREA, SHALL BE LOCATED MORE THAN THIRTY (30) FEET FROM AN ON-SITE SMALL TREE OR MORE THAN SEVENTY-FIVE (75) FEET FROM AN ON-SITE LARGE TREE. FOR PURPOSES OF THIS SECTION, THE MEASUREMENT SHALL BE FROM THE FARTHEST EDGE OF THE SUBJECT AREA TO THE CENTER OF THE BASE OF THE CLOSEST QUALIFYING TREE.
- SITE PLAN APPROVAL FROM THE RESPECTIVE EASEMENT HOLDER SHALL BE CONSTRUED AS APPROVAL OF ALL NOTED ENCROACHMENTS AS SHOWN ON THIS PLAN.
- THE FOLLOWING VEGETATION MATERIALS, AS LISTED BY COMMON NAME, SHALL CONSTITUTE NOT MORE THAN TWENTY-FIVE (25) PERCENT OF THE TOTAL REQUIREMENT FOR THE SPECIFIC CATEGORY:

| | |
|---|---|
| LARGE TREE CATEGORY - RIVER BIRCH. | (3) EVERGREEN SHRUB CATEGORY - RED TIP FLOTTINIA. |
| SMALL TREE CATEGORY - ARISTOCRAT PEAR, CAPITOL PEAR, AND CLEVELAND SELECT PEAR. | |
- ALL CONTAINER PADS SHALL BE ENCLOSED ON THREE (3) SIDES IN ACCORDANCE WITH SECTION 9-4-268(H).
- ALL PARKING AREAS SHALL BE SCREENED IN ACCORDANCE WITH SECTION 9-4-268(L)(9) OF THE CITY CODE. VEGETATION MATERIALS SHALL BE EVERGREEN.
- EXISTING VEGETATION TO BE VERIFIED AT TIME OF INSPECTION.



REVISIONS:

| NO. | DESCRIPTION | DATE | BY |
|---------|-------------|------|----|
| 1/28/26 | KB | | |

BOVIET SUBSTATION
GREENVILLE UTILITIES COMMISSION
 CITY OF GREENVILLE - PITT COUNTY - NORTH CAROLINA
LANDSCAPING PLAN

DATE: JANUARY 12, 2026
 DESIGNED BY: JW
 DRAWN BY: KB
 CHECKED BY: JDV
 PROJECT No. 2025087
 DRAWING No. W-4267
 SCALE: AS NOTED
 SHEET No.

