

SECTION 009113 - ADDENDA

1.1 PROJECT INFORMATION

- A. Project Name: Phase 5 Expansion
- B. Owner: Cabarrus County
- C. Engineer: CDM Smith.
- D. Engineer Project Number: 1278-311564
- E. Addendum Number: 1
- F. Date of Addendum: November 19, 2025

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all plan holders pursuant to the Invitation to Bid. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.

1.3 ATTACHMENTS

- A. This Addendum includes the following attached Documents and Specification Sections:
 - 1. Bid Form
- B. This Addendum includes the following attached Sheets:
 - 1. Sheet C-1: Erosion and Sedimentation Control Plan (reissued).
 - 2. Sheet D-3: Details III (reissued).

1.4 REVISIONS TO DIVISION 00 PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS

- 1. Revised quantity on Bid Form for Item 1 – Clearing and Grubbing.

1.5 REVISIONS TO DRAWING SHEETS

- A. Revised Detail A Stormwater Management Basin on Sheet D-3.
- B. Revised location of construction entrance on Sheet C-1.

1.6 RESPONSES TO QUESTIONS RECEIVED

- A. Regarding the existing stockpile on the existing conditions phase. I noticed in the erosion drawing that the stockpile is no longer there. Are we expected to export that stockpile or move it to another location on site, add to it out of our remaining export, or has it already been removed? **As noted on Sheet G-2, the existing stockpile will be relocated by the County prior to the start of construction.**
- B. Just to be clear, we are expected to stockpile all topsoil, stripped vegetation, and excess cut on site. No unit rates are needed for material export? I know there is nothing in the bid documents or bid form that suggest export, but I want to make sure they are not expecting any export of materials at all. **All excess cut material is to be stockpiled in the designated stockpile shown on Sheets C-1 and C-2. No material will be hauled offsite.**
- C. Are there any CAD files available at this time? **CAD files will be provided to the selected Contractor.**
- D. Please provide details (length, Width and Depth) for Class I Riprap lined Emergency Spillway. **Detail A on Sheet D-3 has been revised to state 12" of Class I Riprap for the emergency spillway. The spillway is 25 feet wide, 10 feet long, and 1' deep.**
- E. Please Provide specification on the Erosion Control Blanket to be installed beneath the Class I Riprap referenced above. **Detail A on Sheet D-3 has been revised to state an 8-oz non-woven filter fabric instead of an erosion control blanket.**
- F. Is potable water available onsite for soil conditioning? **No potable water is available onsite.**

END OF DOCUMENT 009113

Cabarrus County, North Carolina
Phase 5 Unlined C&D Landfill Expansion
Bid Form

Item	Item Description	Units	Scheduled Quantity	Unit Price (In Words)			Unit Price (In Figures)	Total Amount
1	 Clearing and Grubbing	AC	2.0		dollars and		cents	\$
2	Excavation and Stockpiling of Soil Material associated with the Phase 5 Work	CY	45,275		dollars and		cents	\$
3	Backfill of Soil Material for Phase 5 (Perimeter Berm, Stormwater Management Basin, etc.)	CY	16,200		dollars and		cents	\$
4	Furnish and Install Temporary Sediment and Erosion Control	LS	1		dollars and		cents	\$
5	Maintain Sediment and Erosion Control	LS	1		dollars and		cents	\$
6	Furnish and Install Stormwater Management Basin	LS	1		dollars and		cents	\$
7	Furnish and Install 2-foot deep, Grass-lined Drainage Ditch	LF	1,070		dollars and		cents	\$
8	Furnish and Install Temporary Seeding and Mulching	SY	16,750		dollars and		cents	\$
9	Furnish and Install Permanent Seeding and Mulching	SY	32,100		dollars and		cents	\$
10	Furnish and Install Temporary Stormwater Diversion Berm	LF	700		dollars and		cents	\$
11	Furnish and Install Stormwater Segregation Berm	EA	2		dollars and		cents	\$
12	Miscellaneous Work and Cleanup	LS	1		dollars and		cents	\$
13	Indemnification (minimum \$1,000.00)	LS	1		dollars and		cents	\$
14	Mobilization, Demobilization, and Insurance (Maximum 4% of Base Bid)	LS	1		dollars and		cents	\$

Base Bid Subtotal

Subtotal Base Bid Price - Items 1 - 14 (In Words): \$

Subtotal Base Bid Price - Items 1 - 14 (In Figures):

\$

15 2.5% Base Bid Contingency Allowance:

2.5% Base Bid Contingency Allowance:

\$

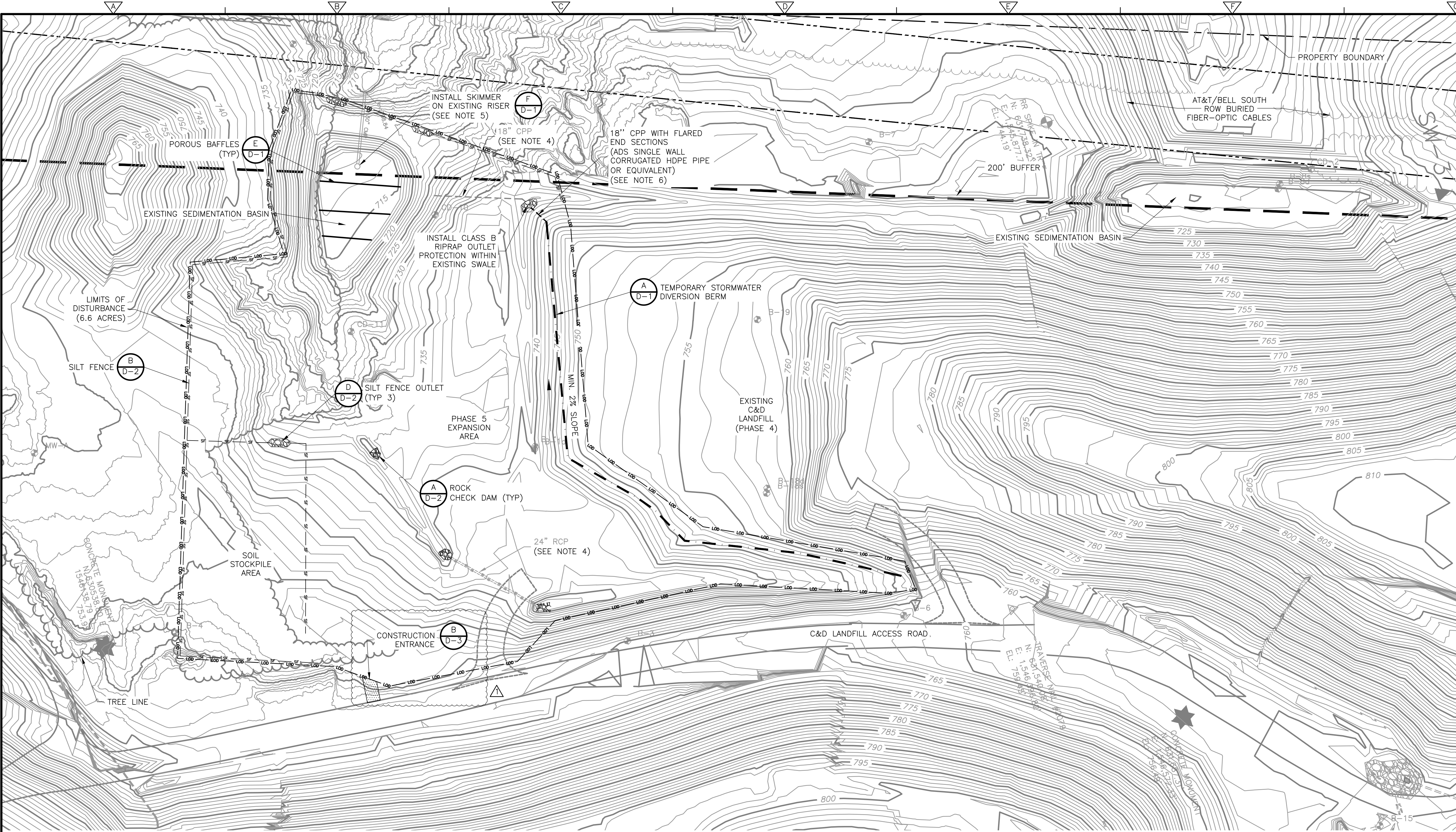
Base Bid Total

Total Base Bid Price - Items 1 - 14 and 15 (In Words): \$

Total Base Bid Price - Items 1 - 14 and 15 (In Figures):

\$

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- LEGEND:
- PROPERTY LINE
 - 755 INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - 200' BUFFER
 - RIGHT OF WAY
 - ★ CONCRETE MONUMENT/BENCHMARK
 - 750 PROPOSED CONTOUR
 - PROPOSED INTERMEDIATE CONTOUR
 - TEMPORARY DOWNDRAIN
 - TEMPORARY STORMWATER DIVERSION BERM
 - LIMITS OF DISTURBANCE
 - SILT FENCE

- NOTES:
- CONTRACTOR TO CLEAR TREES AND VEGETATION WITHIN LIMITS OF DISPOSAL. VEGETATION TO BE DISPOSED AT THE LAND CLEARING/ COMPOST STOCKPILE AREA LOCATED SOUTH OF THE SCALE HOUSE.
 - EROSION AND SEDIMENTATION CONTROL NOTES PROVIDED ON SHEETS G-1, D-3, AND D-4.
 - THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THIS SHEET SHOULD BE CONSIDERED THE MINIMUM REQUIRED, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO MODIFY AND SUPPLEMENT THE CONTROLS SHOWN TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. CONTRACTOR TO INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES AT OWN EXPENSE AS NEEDED TO CONTROL STORMWATER AND PROTECT WORK.
 - CONTRACTOR TO REMOVE PIPES ONCE NO LONGER NECESSARY AND SET ASIDE FOR OWNER. COORDINATE WITH OWNER FOR STORAGE LOCATION.
 - RISER AND CMP BARREL TO BE DISPOSED AT ACTIVE LANDFILL WORKING FACE ONCE NO LONGER NECESSARY.
 - 18" CPP TO BE ANCHORED IN PLACE TO PREVENT PIPE FROM MOVING.

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	11/25	AC	AW	ADDENDUM #1

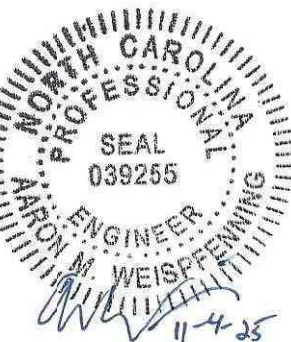
DESIGNED BY: A. WEISPFENNING
DRAWN BY: A. CASE
SHEET CHK'D BY: A. WEISPFENNING
CROSS CHK'D BY: K. WESTERLUND
APPROVED BY: A. WEISPFENNING
DATE: NOVEMBER 2025

CDM Smith
4130 Parklake Avenue, Suite 350
Raleigh, NC 27612
Tel: (919) 325-3500
F-1255

CABARRUS COUNTY
NORTH CAROLINA
CABARRUS COUNTY C&D LANDFILL
PHASE 5 EXPANSION

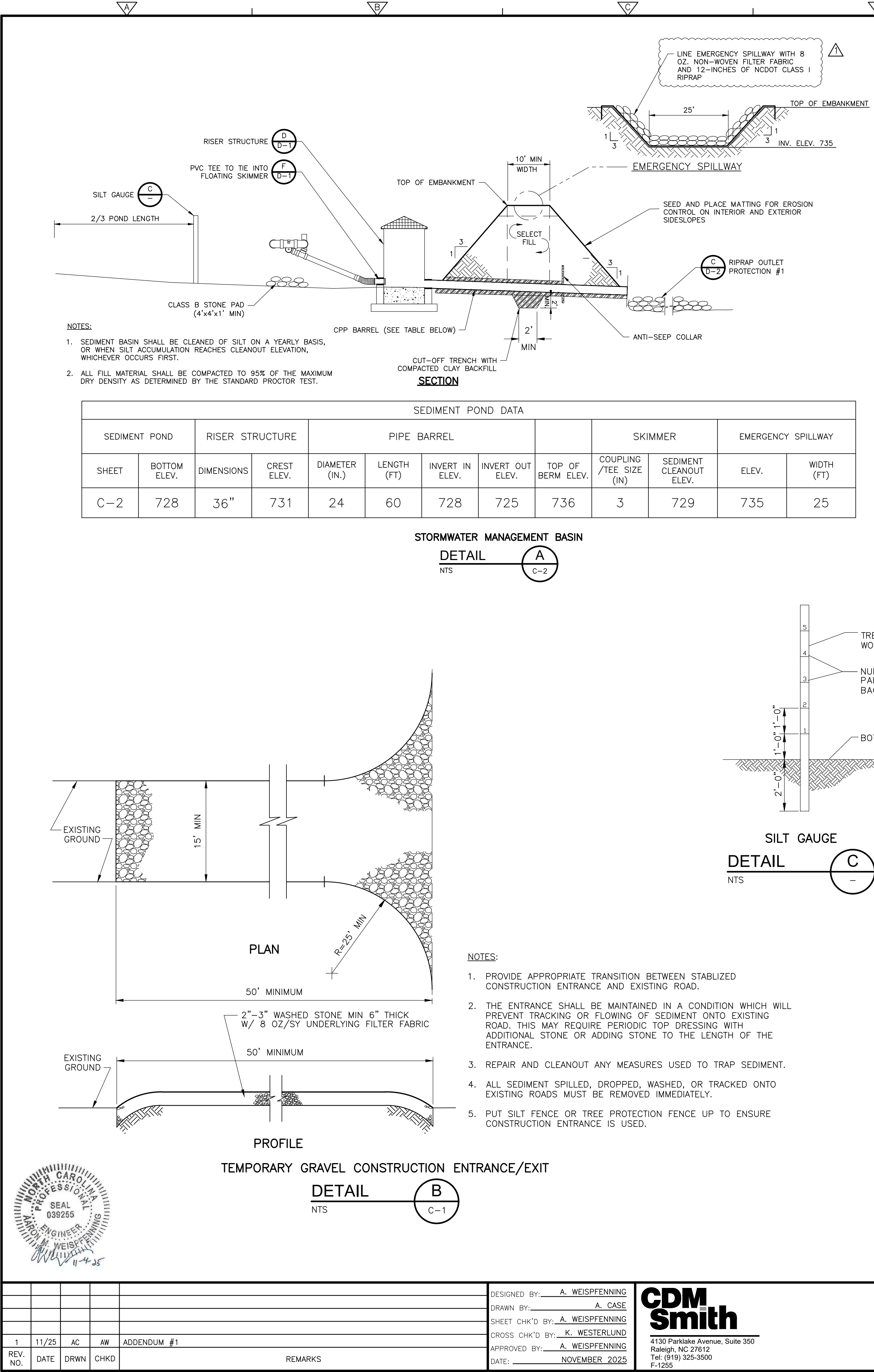
EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO. 1278-311564
FILE NAME: C001STPL.DWG
SHEET NO.
C-1



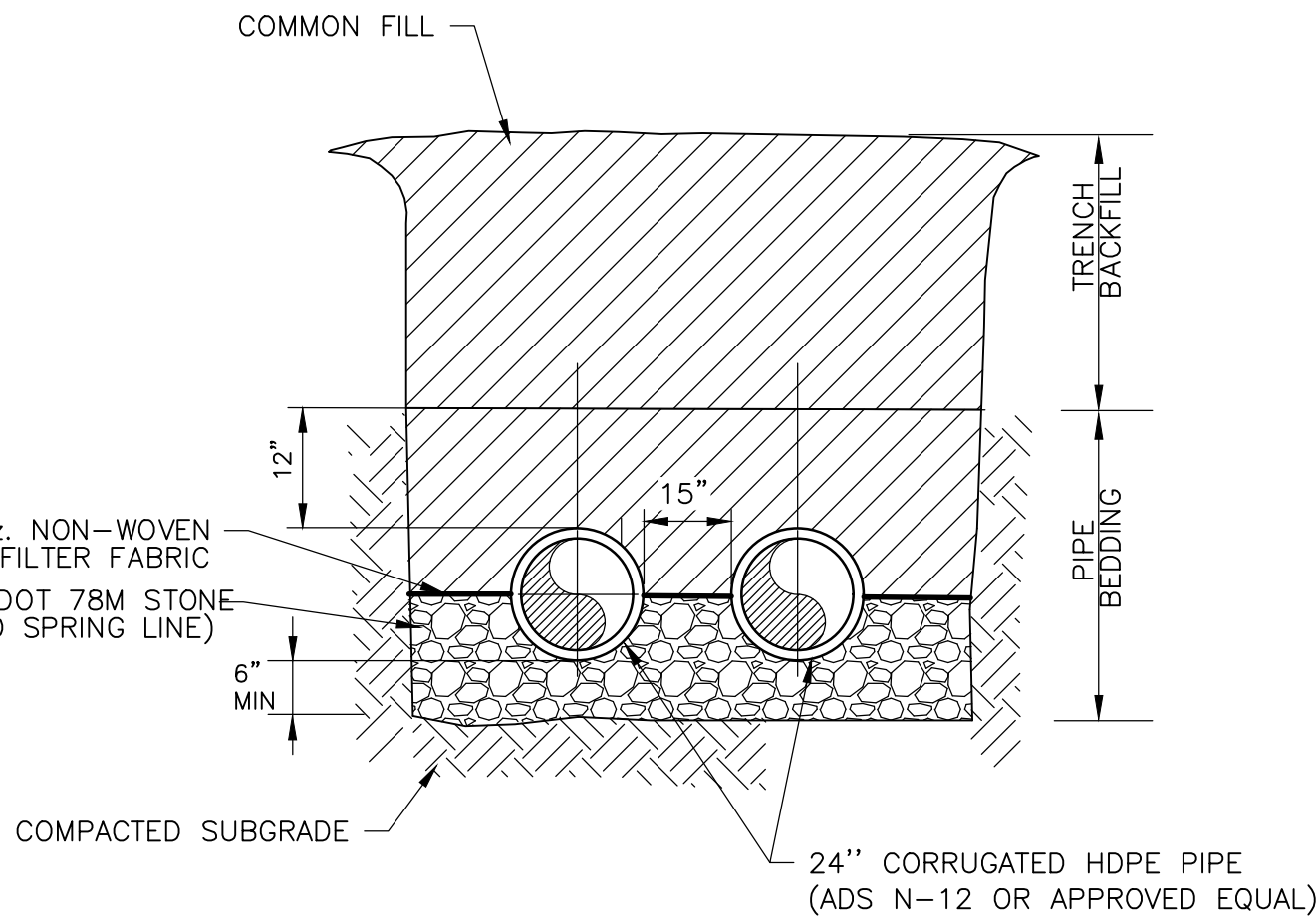
ISSUED FOR BID

XREFs: [EP, CDMs, 2436, CDMs, 2436] Images: []
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REUSE OF DOCUMENTS:



EROSION AND SEDIMENTATION CONTROL NOTES:

- THE EROSION AND SEDIMENTATION CONTROL PLAN (E&S PLAN) IS UNDER REVIEW BY THE DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES. AN APPROVED PLAN WILL BE ISSUED PRIOR TO THE START OF CONSTRUCTION.
- ALL WORK SHALL CONFORM TO THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES SEDIMENT AND EROSION CONTROL STANDARDS.
- ALL SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE IN PLACE AS EARLY AS CONSTRUCTION PERMITS.
- SCHEDULES FOR GRADING, TOPSOIL AND SEEDING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO START OF WORK.
- THE LOCATIONS OF STOCKPILED MATERIALS SHALL BE IN AREAS APPROVED BY THE OWNER.
- SILT FENCE SHALL BE INSTALLED AROUND ALL STOCKPILE AREAS, IN ADDITION TO OTHER AREAS AS NOTED ON THE PLANS.
- APPROVAL OF THE LOCATION AND TYPE OF CONTROL DEVICES SHALL BE MADE BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY SITE WORK.
- FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED AS SHOWN ON THIS SHEET.
- EROSION CONTROL MATTING IS REQUIRED ON ALL SLOPES 3:1 OR GREATER AND IN AREAS OF CONCENTRATED FLOW.
- CONTRACTOR IS REQUIRED TO SPRAY WATER TO CONTROL DUST.
- CONTRACTOR SHALL INSPECT ALL STRUCTURES WEEKLY AND AFTER EACH STORM EVENT GREATER THAN OR EQUAL TO 1.0 INCHES, AND REPAIR AS NECESSARY ALL EROSION CONTROL MEASURES TO INSURE INTEGRITY OF THE EROSION CONTROL PLAN.
- IN ADDITION TO THE ABOVE MONITORING THE CONTRACTOR SHALL COMPLETE AND MAINTAIN A SELF INSPECTION AND MONITORING RECORD THAT CAN BE FOUND AT THE NCDOT DEMLR WEBSITE. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS MUST BE CONDUCTED AFTER EACH PHASE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCAC 4B.0131.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND SATISFACTORY DISPOSAL OF ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF ALL WORK AND SOIL STABILIZATION AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE LIMITS OF DISTURBANCE UNTIL FINAL ACCEPTANCE OF THE WORK IS PROVIDED BY THE OWNER.
- DEVIATION FROM THE APPROVED E&S PLAN, OR APPROVED AMENDMENT TO THAT PLAN, WILL CONSTITUTE A VIOLATION OF THE TERMS AND CONDITIONS OF THE GENERAL PERMIT.
- STORMWATER DISCHARGES FROM THE PROJECT SITE SHOULD NOT CAUSE OR CONTRIBUTE TO VIOLATIONS OF NORTH CAROLINA WATER QUALITY STANDARDS FOR SURFACE WATERS AND WETLANDS (15A NCAC 2B.0200).
- ALL BMPs UTILIZED FOR EROSION AND SEDIMENTATION CONTROL ARE TO MEET THE REQUIREMENTS OF THE "NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL".
- THE CONTRACTOR IS TO AT ALL TIMES PROPERLY OPERATE AND MAINTAIN ALL CONTROL MEASURES AND SYSTEMS OF TREATMENT AND CONTROL, AND RELATED APPURTENANCES WHICH ARE INSTALLED OR USED TO ACHIEVE COMPLIANCE WITH THE GENERAL PERMIT.
- A WRITTEN RECORD OF INSPECTIONS WILL BE MADE IN ACCORDANCE WITH SECTION II.B.3.h OF THE GENERAL PERMIT. RECORDS OF INSPECTIONS MADE DURING THE PREVIOUS 30 DAYS ARE TO REMAIN ON THE SITE AND BE MADE AVAILABLE FOR AGENCY INSPECTORS AT ALL TIMES DURING NORMAL WORKING HOURS. OLDER RECORDS ARE TO BE MAINTAINED FOR A PERIOD OF THREE (3) YEARS AFTER PROJECT COMPLETION AND MADE AVAILABLE UPON REQUEST.
- A RAIN GAUGE IS TO BE MAINTAINED IN GOOD WORKING ORDER ON THE SITE UNLESS AN ALTERNATIVE HAS BEEN APPROVED IN WRITING BY THE DIVISION. A WRITTEN RECORD OF THE DAILY RAINFALL AMOUNTS IS TO BE RETAINED AND ALL RECORDS BE MADE AVAILABLE TO THE DIVISION UPON REQUEST.
- THE PERMIT HOLDER IS TO REPORT TO THE DIVISION, EITHER ORALLY OR ELECTRONICALLY, ANY VISIBLE SEDIMENT BEING DEPOSITED IN ANY STREAM OR WETLAND OR ANY NONCOMPLIANCE WHICH MAY ENDANGER HEALTH OR THE ENVIRONMENT WITHIN 24-HOURS FROM THE TIME THE PERMIT HOLDER BECAME AWARE OF THE CIRCUMSTANCES AND A WRITTEN SUBMISSION MUST BE PROVIDED TO THE APPROPRIATE REGIONAL OFFICE OF THE DIVISION OF WATER QUALITY WITHIN FIVE (5) DAYS OF THE TIME THE PERMIT HOLDER BECAMES AWARE OF THE CIRCUMSTANCES. THE WRITTEN SUBMISSION IS TO CONTAIN A DESCRIPTION OF THE SEDIMENT DEPOSITION AND ACTIONS TAKEN TO ADDRESS THE CAUSE OF THE DEPOSITION.
- ALL APPLICATIONS, REPORTS, OR INFORMATION SUBMITTED TO THE DIVISION ARE TO BE SIGNED AND CERTIFIED IN ACCORDANCE WITH SECTION V.11 OF THE GENERAL PERMIT.
- MAINTENANCE OF CONTROL MEASURES, MODIFICATIONS OR ADDITIONS TO CONTROL MEASURES, OR CORRECTIVE ACTIONS TO CONTROL SEDIMENT OR OTHER POLLUTANTS IDENTIFIED AS A RESULT OF INSPECTIONS SHOULD BE PERFORMED AS SOON AS POSSIBLE AND BEFORE THE NEXT STORM EVENT TO MAINTAIN THE EFFECTIVENESS OF THE CONTROL MEASURES.
- EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE MAINTAINED, AND SELF-MONITORING IS TO CONTINUE, UNTIL THE ESTABLISHMENT OF PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION OR UNTIL THE FINANCIALLY RESPONSIBLE PARTY HAS CONVEYED OWNERSHIP OF THE PROPERTY AND THE AGENCY THAT APPROVED THE PLAN HAS BEEN NOTIFIED.
- IF THE FINANCIALLY RESPONSIBLE PARTY HAS CONVEYED OWNERSHIP OR CONTROL OF THE PROPERTY, THE NEW OWNER OR PERSON IN CONTROL WILL CONDUCT AND DOCUMENT SELF-MONITORING UNTIL THE ESTABLISHMENT OF PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION.
- PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION CONSISTS OF UNIFORM AND EVENLY-DISTRIBUTED VEGETATION WITH A COVER DENSITY OF AT LEAST 80% OVER ALL DISTURBED OR EXPOSED AREAS OF THE SITE.
- UPON ESTABLISHMENT OF PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION, THE PERMITTEE IS TO REQUEST AN INSPECTION BY THE PERMITTING AUTHORITY TO VERIFY THE ADEQUACY OF GROUND COVER. COVERAGE UNDER THE GENERAL PERMIT SHALL END WHEN A SEDIMENTATION INSPECTION REPORT DOCUMENTING ADEQUATE PERMANENT GROUND COVER IS ISSUED. THE SIGNED SEDIMENTATION INSPECTION REPORT WILL SERVE AS THE NOTICE OF TERMINATION.



SEEDING NOTES AND SPECIFICATIONS:

EXCELSIOR MATTING OR AN EQUAL OR BETTER ROLLED EROSION CONTROL PRODUCT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS ON ALL CUT OR FILL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL.

APPLY LIME AND FERTILIZER EVENLY AND INCORPORATE INTO THE TOP 4 TO 6 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. OPERATE MACHINERY ON THE CONTOUR. WHEN USING A HYDROSEEDER, APPLY LIME AND FERTILIZER TO A ROUGH, LOOSE SURFACE. COMPLETE SEEDBED PREPARATION BY BREAKING UP LARGE CLODS AND RAKING INTO A SMOOTH, UNIFORM SURFACE (SLOPES LESS THAN 3H:1V). FILL IN OR LEVEL DEPRESSIONS THAT CAN COLLECT WATER. BROADCAST SEED INTO A FRESHLY LOOSENEED SEEDBED THAT HAS NOT BEEN SEALED BY RAINFALL.

> SEEDING:

SEEDING DATES GIVEN IN THE SEEDING MIXTURE SPECIFICATIONS ARE DESIGNATED AS "BEST" OR "POSSIBLE". SEEDINGS PROPERLY CARRIED OUT WITHIN THE "BEST" DATES HAVE A HIGH PROBABILITY OF SUCCESS. IT IS ALSO POSSIBLE TO HAVE SATISFACTORY ESTABLISHMENT WHEN SEEDING OUTSIDE THESE DATES. HOWEVER, AS YOU DEVIATE FROM THEM, THE PROBABILITY OF FAILURE INCREASES RAPIDLY. SEEDING ON THE LAST DATE SHOWN UNDER "POSSIBLE" MAY REDUCE CHANCES OF SUCCESS BY 30 TO 50 PERCENT. ALWAYS TAKE THIS INTO ACCOUNT IN SCHEDULING LAND-DISTURBING ACTIVITIES.

USE CERTIFIED SEED FOR PERMANENT SEEDING. CERTIFIED SEED IS INSPECTED BY THE NORTH CAROLINA CROP IMPROVEMENT ASSOCIATION. IT MEETS PUBLISHED NORTH CAROLINA STANDARDS AND SHOULD BEAR AN OFFICIAL "CERTIFIED SEED" LABEL.

LABELING OF NON-CERTIFIED SEED IS ALSO REQUIRED BY LAW. LABELS CONTAIN IMPORTANT INFORMATION ON SEED PURITY, GERMINATION, AND PRESENCE OF WOOD SEEDS. SEEDS MUST MEET STATE STANDARDS FOR CONTENT OF NOXIOUS WEEDS. SEED CONTAINING "PROHIBITED" NOXIOUS WEED SEED WILL NOT BE ACCEPTED.

INOCULATE LEGUME SEED WITH THE RHIZOBIUM BACTERIA APPROPRIATE TO THE SPECIES OF LEGUME.

APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DROP-TYPE SPREADER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRIABLE SEEDBED.

WHEN USING A DRILL OR CULTIPACKER SEEDER, PLANT SMALL GRAINS NO MORE THAN 1 INCH DEEP, GRASSES AND LEGUMES NO MORE THAN ½ INCH. EQUIPMENT SHOULD BE CALIBRATED IN THE FIELD FOR THE DESIRED SEEDING RATE.

WHEN USING BROADCAST-SEEDING METHODS, SUBDIVIDE THE AREA INTO WORKABLE SECTIONS AND DETERMINE THE AMOUNT OF SEED NEEDED FOR EACH SECTION. APPLY ONE-HALF THE SEED WHILE MOVING BACK AND FORTH ACROSS THE AREA, MAKING A UNIFORM PATTERN. THEN APPLY THE SECOND HALF IN THE SAME WAY, BUT MOVING AT RIGHT ANGLES TO THE FIRST PASS.

MULCH IMMEDIATELY AFTER SEEDING.

> 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 OVERSMOOTHED 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 4000 LB/ACRE.

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

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

RESEEDING: IF A STAND HAS INADEQUATE COVER, REEVALUATE CHOICE OF PLANT MATERIALS AND QUANTITIES OF LIME AND FERTILIZER. REESTABLISH THE STAND AFTER SEEDBED PREPARATION OR OVERSEED THE STAND. CONSIDER SEEDING TEMPORARY, ANNUAL SPECIES IF THE TIME OF YEAR IS NOT APPROPRIATE FOR PERMANENT SEEDING. IF VEGETATION FAILS TO GROW, SOIL MUST BE TESTED TO DETERMINE IF ACIDITY OR NUTRIENT IMBALANCE IS RESPONSIBLE.

FERTILIZATION: ON THE TYPICAL DISTURBED SITE, FULL ESTABLISHMENT USUALLY REQUIRES FERTILIZATION IN THE SECOND GROWING SEASON. FINE TURF REQUIRES ANNUAL MAINTENANCE FERTILIZATION. USE SOIL TESTS IF POSSIBLE OR FOLLOW THE GUIDELINES GIVEN FOR THE SPECIFIC SEEDING MIXTURE.

> TEMPORARY SEEDING SPECIFICATIONS*:

> SEEDING MIXTURES AND DATES:

FALL TO EARLY SPRING (AUG. 15 TO MAY 1)	RATE (LB/ACRE)
WINTER RYE (GRAIN)	120
KOBE LESPEDEZA	50
SPRING TO LATE SUMMER (MAY 1 TO AUG. 15)	RATE (LB/ACRE)
GERMAN MILLET	40

> SOIL AMENDMENTS:

- FOLLOW RECOMMENDATIONS OF SOIL TESTS; OR
- APPLY 4,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

> MULCH:

APPLY 4,000 LB/ACRE STRAW. ANCHOR MULCH BY TACKING WITH ASPHALT AT A RATE OF 400 POUNDS PER ACRE.

> MAINTENANCE:

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

REF: 6.10 A, B & C, NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, REV. MAY 2008.

> PERMANENT SEEDING SPECIFICATIONS*:

> SEEDING MIXTURES:

	RATE (LB/ACRE)
BAHIA GRASS	40
BERMUDAGRASS	40
CENTPEDEGRASS	15
KOBE LESPEDEZA	20
GERMAN MILLET	25
TOTAL SEED MIXTURE	150

NURSE PLANTS:

- FROM APRIL 15 AND AUG. 15, ADD 10 LB/ACRE GERMAN MILLET AND 15 LB/ACRE SUDANGRASS.
- PRIOR TO APRIL 15 OR AFTER AUG. 15, ADD 30 LB/ACRE WINTER RYE (GRAIN).

> SOIL AMENDMENTS:

- FOLLOW RECOMMENDATIONS OF SOIL TESTS; OR
- APPLY 4000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1000 LB/ACRE 10-10-10 FERTILIZER.

> MULCH:

APPLY 4000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKING WITH TACKIFIER AT RATE OF 200-300 POUNDS PER ACRE OR AS RECOMMENDED BY MANUFACTURER. ANIMAL SAFE MATTING SHALL BE USED ON STEEP SLOPES.

> MAINTENANCE:

REFERTILIZE IN THE SECOND YEAR UNLESS GROWTH IS ADEQUATE. MAY BE MOWED ONCE OR TWICE A YEAR, BUT MOWING IS NOT NECESSARY. RESEED, REFERTILIZE, AND REMULCH DAMAGED AREAS IMMEDIATELY.

> STABILIZATION PER NCGO1 REQUIREMENTS OR SOONER UNLESS OTHERWISE NOTED.

* REF: 6.11, NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, REV. MARCH 2009

CABARRUS COUNTY
NORTH CAROLINA
CABARRUS COUNTY C&D LANDFILL
PHASE 5 EXPANSION

DETAILS III

PROJECT NO. 1278-311564
FILE NAME: D003SSDT.dwg

SHEET NO.

D-3

ISSUED FOR BID