



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF SOLID WASTE MANAGEMENT  
WILLIAM R. SNODGRASS TENNESSEE TOWER  
312 ROSA L. PARKS AVENUE, 14TH FLOOR  
NASHVILLE, TN 37243

**SOLID WASTE PERMIT-BY-RULE NOTIFICATION**

**1. REVIEW FEE ENCLOSED?**



YES →



NEW PROCESSING  
FACILITY (\$1,000)



NO



NEW TRANSFER  
STATION (\$500)

**2. TYPE OF PERMIT- BY- RULE REQUESTED**



COMPOST FACILITY



LAND APPLICATION



TIRE STORAGE FACILITY



NEW FACILITY



CONVENIENCE CENTER



PROCESSING FACILITY



TRANSFER STATION



AMENDMENT TO  
EXISTING PERMIT

**PROCESSING FACILITIES ONLY**

IS THIS FACILITY  
SUBJECT TO "THE  
JACKSON LAW"?



YES



NO

**3. FACILITY INFORMATION**

FULL LEGAL NAME OF FACILITY

Bi-County Convenience Center

PHYSICAL LOCATION OR ADDRESS OF FACILITY

3212 Dover Road

CITY

Woodlawn

STATE

TN

ZIP

37191

FACILITY LOCATION COUNTY

Montgomery

LATITUDE (DECIMAL DEGREES)

36.5423

LONGITUDE (DECIMAL DEGREES)

-87.5334

FACILITY MAILING ADDRESS

3212 Dover Road

CITY

Woodlawn

STATE

TN

ZIP

37191

FACILITY EMAIL

meneblett@mcgtn.net

FACILITY MANAGER OR SITE OPERATOR

PHONE (WITH AREA CODE)

Mark Neblett (931)-320-2059

AFFILIATION OF SITE OPERATOR (IF DIFFERENT FROM PERMITTEE)

Director

**4. APPLICANT (PERMITTEE)**

APPLICANT NAME

Mark Neblett

PHONE (WITH AREA CODE)

(931)-320-2059

EMAIL

meneblett@mcgtn.net

RESPONSIBLE OFFICIAL / TITLE

Mark Neblett / Director

PHONE (WITH AREA CODE)

(931)-320-2059

EMAIL

meneblett@mcgtn.net

RESPONSIBLE OFFICIAL MAILING ADDRESS

3212 Dover Road

CITY

Woodlawn

STATE

TN

ZIP

37191

LANDOWNER NAME

BI-COUNTY SOLID WASTE MANAGEMENT SYSTEMS

LANDOWNER MAILING ADDRESS

P O BOX 192

CITY

Woodlawn

STATE

TN

ZIP

37191



LANDOWNER SIGNATURE

LANDOWNER SIGNATURE

LANDOWNER SIGNATURE

7/11/2023

DATE

**5. WASTE HANDLING**

DESCRIPTION OF ACTIVITIES AND WASTES HANDLED OR PROCESSED

Convenience center handling customer waste  
and construction debris.

AMOUNT OF WASTE HANDLED, PROCESSED OR STORED

6.7

84

WEIGHT  
TONS / DAY

VOLUME  
YARDS / DAY

STORAGE MAX  
CU YARDS

**6. CERTIFICATION REQUIRED**

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.



SIGNATURE OF RESPONSIBLE OFFICIAL

Mark E. Neblett

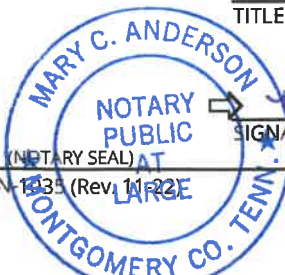
PRINTED NAME

Director

TITLE

7/11/2023

DATE



SIGNATURE OF NOTARY

3/13/2024

DATE COMMISSION EXPIRES

## **INSTRUCTIONS FOR SOLID WASTE PERMIT-BY-RULE NOTIFICATION**

COMPLETE THIS FORM FOR EACH FACILITY THAT IS PROCESSING AND/OR DISPOSING OF SOLID WASTE IN TENNESSEE. IF MULTIPLE FACILITIES EXIST OR ARE PLANNED, DESCRIBE EACH FACILITY AND ITS WASTES ON A SEPARATE FORM. SUBMIT COMPLETED DOCUMENT TO THE RESPECTIVE FIELD OFFICE IN YOUR AREA.

### **1. REVIEW FEE**

#### **TYPE OF PERMIT-BY-RULE WITH FEES**

A FEE IS ONLY REQUIRED FOR A NEW PROCESSING FACILITY OR A NEW TRANSFER FACILITY.  
MAKE CHECKS PAYABLE TO: **"TREASURER, STATE OF TENNESSEE"**

### **2. TYPE OF PERMIT- BY- RULE REQUESTED**

#### **TYPE OF PERMIT-BY-RULE**

CHECK TYPE OF PERMIT-BY-RULE REQUESTED AND DISTINGUISH IF THIS REQUEST IS FOR AN ALREADY EXISTING FACILITY OR A REQUEST FOR A NEW FACILITY.

**NEW PROCESSING FACILITIES** MUST DETERMINE IF THEY ARE SUBJECT TO LOCAL APPROVAL THROUGH THE "JACKSON LAW" AS SPECIFIED IN TENNESSEE CODE ANNOTATED § 68-211-701.

### **3. FACILITY INFORMATION**

#### **FULL LEGAL NAME OF FACILITY**

ENTER THE FULL LEGAL NAME FOR THIS SITE TO DISTINGUISH IT FROM ANY OTHER SITE THE APPLICANT OR ORGANIZATION MAY OWN OR OPERATE IN TENNESSEE.

#### **PHYSICAL LOCATION**

INFORMATION (ADDRESS, DIRECTIONS) THAT WILL AID IN FINDING THIS SITE (NO PO BOX NUMBERS!) PROVIDE COUNTY WHERE SITE IS LOCATED. PROVIDE LATITUDE AND LONGITUDE FOR SITE LOCATION IN DECIMAL DEGREES.

#### **FACILITY MAILING ADDRESS**

PROVIDE COMPLETE MAILING ADDRESS FOR THIS SITE

#### **NAME OF FACILITY OR SITE MANAGER OR SITE OPERATOR**

NAME AND PHONE NUMBER OF PERSON WHO IS RESPONSIBLE FOR THE DIRECTION OF ACTIVITIES AT THIS SITE

#### **AFFILIATION OF SITE OPERATOR (IF DIFFERENT FROM PERMITTEE)**

IF SITE IS OPERATED BY PERSON OR ENTITY OTHER THAN PERMITTEE, GIVE NAME OF PERSON, CORPORATION ETC.

### **4. APPLICANT (PERMITTEE)**

#### **APPLICANT NAME**

NAME OF LEGAL ENTITY MAKING APPLICATION FOR PERMIT. THIS NAME WILL BE THE PERMITTEE OF RECORD.

#### **RESPONSIBLE OFFICIAL**

PERSON AUTHORIZED TO COMPLETE THIS APPLICATION AND WHO MAY BE CONTACTED BY TDEC FOR ANY FURTHER INFORMATION.

#### **LANDOWNER NAME**

PERSON(S) OR ORGANIZATION(S) OF THE IMMEDIATE PROPERTY OWNER(S). ATTACH LETTER FROM LANDOWNER(S).

#### **LANDOWNER SIGNATURE(S)**

LANDOWNER(S) MUST SIGN AND DATE APPLICATION

### **5. WASTE HANDLING**

#### **AMOUNT OF WASTE HANDLED / PROCESSED / STORED**

PROVIDE AN ESTIMATE OF THE DAILY WEIGHT (IN TONS) AND/OR VOLUME (IN CU YARDS/DAY) THAT WILL BE HANDLED AT THE FACILITY. INDICATE THE MAXIMUM AMOUNT OF WASTE THAT CAN BE STORED (IN CUBIC YARDS).

### **6. CERTIFICATION REQUIRED**

#### **CERTIFICATION**

AFTER ALL DOCUMENTS HAVE BEEN COMPILED FOR SUBMISSION TO THE DIVISION, THE MANAGER OR OWNER RESPONSIBLE FOR THE SITE MUST SIGN THE CERTIFICATION AND GIVE DATE AND TITLE. THIS SIGNATURE MUST BE NOTARIZED.

**PERMIT BY RULE NARRATIVE**

**WOODLAWN CONVENIENCE CENTER  
WOODLAWN, TENNESSEE  
MONTGOMERY COUNTY**

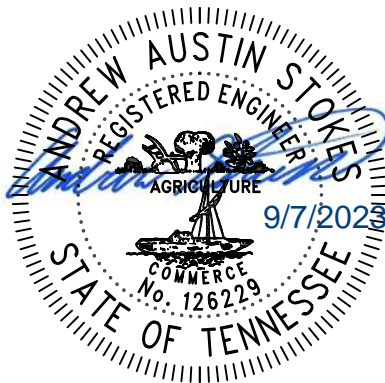
**Prepared For:  
TENNESSEE DEPARTMENT OF ENVIRONMENT AND  
CONSERVATION**

**DIVISION OF SOLID WASTE**

**Prepared By:  
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
FRANKLIN, TN**

**CEC PROJECT 330-244**

**SEPTEMBER 2023**



**Civil & Environmental Consultants, Inc.**

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## INTRODUCTION

In accordance with Rule 0400-11-01-.02 part (2)(b)4, Bi-County Solid Waste Management has prepared this narrative description to satisfy the Permit-By-Rule requirements for a convenience center. This convenience center will replace the existing Woodlawn Convenience Center located at the entrance of Bi-County Landfill. This convenience center will provide collection of recyclable materials and disposal services of municipal solid waste for Montgomery and Stewart County residents.

A drawing depicting the proposed facility layout is provided in Appendix A. A driveway is proposed from 101<sup>st</sup> Airborne Division Road to the site. Residential vehicles will enter the convenience center on the southeast side of the site and egress on the southwest side of the site. Signs and site personnel will direct residents to the designated areas for proper unloading into recycling collection bins and compactors.

### A. ACCESS

**The facility shall restrict unauthorized access by means of fencing with the ability to secure access points. Operating hours shall be posted at the facility.** The new Woodlawn Convenience Center currently has one location for ingress and one location for egress. Unauthorized access at the facility shall be restricted by a 6' chain link perimeter fence and locking gates. A sign will be posted at the facility entrance noting the hours of operation.

### B. DUST AND MUD CONTROL

**All areas used for access and operation must be paved.** The proposed area of operation will be paved. Two concrete pads will be poured at the locations of the compactors.

### C. RUN ON AND RUN OFF CONTROLS

**Water shall be diverted away from the property to prevent run-on, and the proper grade shall be provided to eliminate ponding and erosion, and to control run-off.** Stormwater is proposed to be diverted away from the facility via diversion ditches. Run-off from the facility will be detained prior to being released.

### D. FIRE SAFETY

**Must provide on-site, properly maintained fire prevention equipment and arrange service with the nearest fire protection agency.** A fire safety plan and equipment such as fire extinguishers at key locations will be installed at the site and properly maintained by Bi-County Solid Waste Management. They will also arrange for emergency fire protection with the nearest fire station.

#### **E. COMMUNICATION**

**During operating hours, communications equipment must be kept on site to alert proper authorities of any emergency.** Radios will be provided for personnel on site.

#### **F. PERSONNEL FACILITIES**

**Must provide shelter for personnel during inclement weather and for records storage and must provide sanitary facilities.** A small shelter is proposed for personnel during inclement weather. A port-a-john will be provided for use as sanitary facilities.

#### **G. WATER**

**Water must be provided if equipment, personnel, or maintenance require its use.** Water is not provided on site; however, it is provided at the Bi-County Solid Waste Management Office on the property.

#### **H. PROCESS WATER**

**If compaction provided, all liquids generated shall be properly managed.** A mechanical compactor will be utilized for compaction of the collected municipal solid waste materials. Any liquid generated will be collected by spill mats, absorbent barriers, spill kits, or any combination of the previously mention materials.

#### **I. WASTE HANDLING**

**Recycling materials shall be placed in separate receiving containers.** Recycled materials will be stored in separate containers designed for the collection and storage of recyclable materials. **All waste handling (including loading and unloading) shall be conducted on paved surfaces.** The entire convenience center is proposed to be paved. **There is no storage of solid waste at the facility except in containers, bins, or on paved surface designed for such storage.** Waste will be stored in containers and bins. The entirety of the convenience center is proposed to be paved. **All litter shall be collected at the beginning and end of each working day. Incidents of illegal dumping shall be referred to local authorities and addressed in the annual revision of the solid waste plan.** Facility personnel will collect all litter at the beginning and end of each working day. All illegal dumping incidents will be reported to local authorities and addressed in the annual revision of the solid waste plan.

#### **J. FACILITY SUPERVISION**

**Trained personnel must always be present during operation hours. Training will be established per T.C.A. 68-211-853.** Experienced operator(s) and/or supervisor(s) trained under the requirements of T.C.A 68-211-853 will be present at the facility during operating hours of the site.

#### **K. SITING RESTRICTIONS**

**Convenience centers shall not be located within wetlands, unless the owner or operator makes the applicable demonstrations to the commissioner as referenced in rule 0400-11-01-.10(3)(k)(1)-(4).** No wetlands have been identified within the boundaries of the facility (See Appendix D). **2. The facility must not be located in a 100-year floodplain, unless the demonstration is made to the commissioner as required of rule 0400-11-01-.10(3)(k)(1)-(4).** The proposed facility is not located in the 100-year floodplain (See Appendix C). **3. New convenience centers must not be located within 50' of streams. In order to protect these, the area within the 50' must have a stable vegetation cover.** The site is not within 50' of a stream. The site is at a minimum 62' away from the adjacent stream as shown in Appendix A.

#### **L. ENDANGERED SPECIES**

**The facility must not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife, or result in the destruction or adverse modification of a critical habitat.** There are no rare or endangered species located at this site due to the sight currently being cleared to prevent any wildlife habitat. The site is currently on landfill property owned by Bi-County Solid Waste Management.

#### **M. SPECIAL WASTES**

**The facility shall not receive special waste unless approval is received from the department in writing. Approval will require the construction of special containment areas.** No special waste will be accepted at the facility.

#### **N. MEDICAL WASTES**

**The facility shall not receive medical waste.** No medical waste will be accepted at the facility.

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## **APPENDIX A**

## **CONSTRUCTION PLANS**

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# WOODLAWN CONVENIENCE CENTER

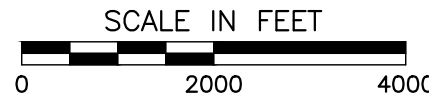
3212 DOVER ROAD

WOODLAWN, TENNESSEE, 37191

JUNE 2023



VICINITY MAP



## PERMITTING / UTILITY COMPANIES

### ZONING

CLARKSVILLE-MONTGOMERY COUNTY REGIONAL  
PLANNING COMMISSION  
329 MAIN STREET  
CLARKSVILLE, TENNESSEE 37040  
PH: (931)-645-7448

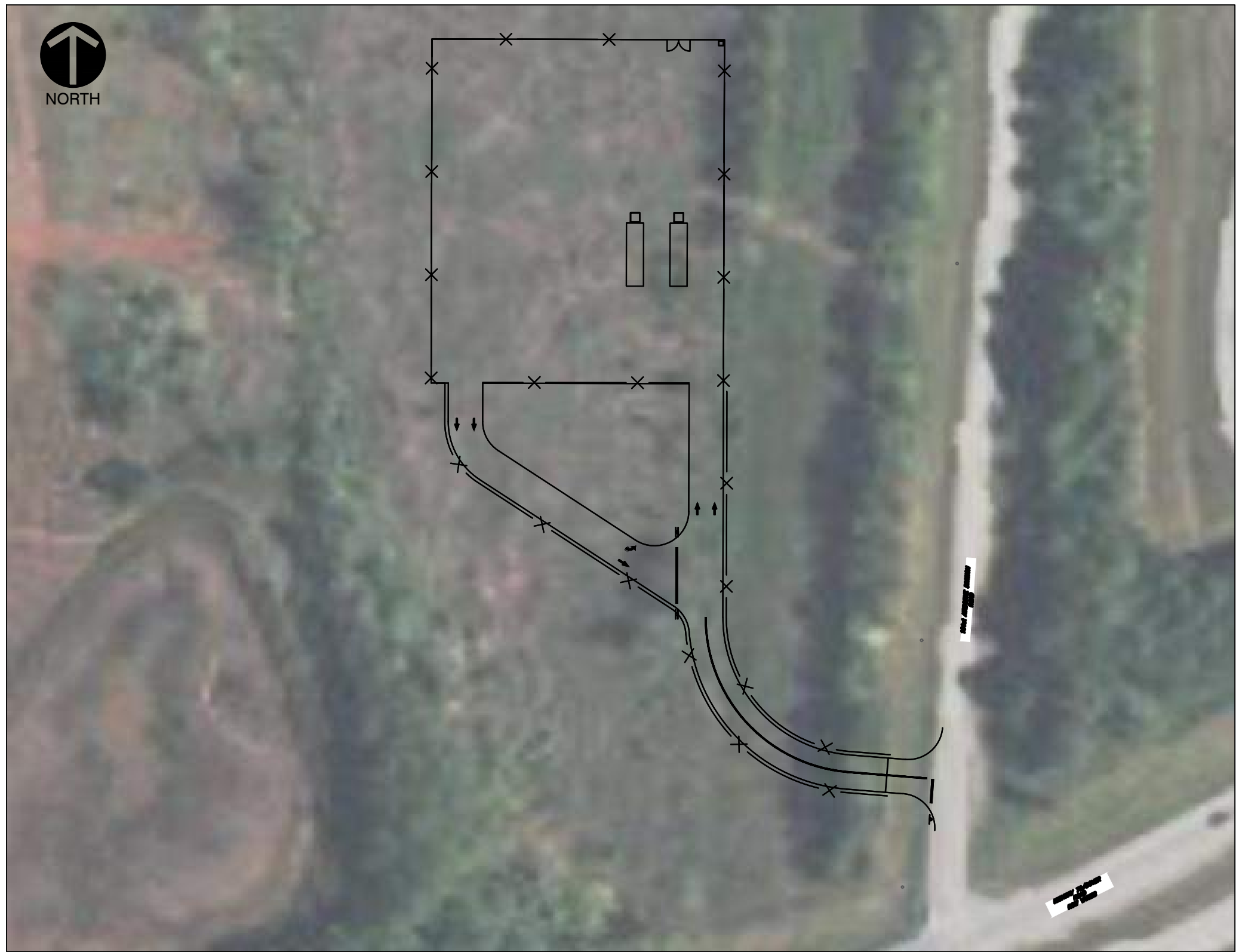
COUNTY COMMISSION DISTRICT  
COUNTY COMMISSIONER: JEREMIAH WALKER  
DISTRICT 10  
329 MAIN STREET  
CLARKSVILLE, TENNESSEE 37040  
PH: (931)-542-7340  
EMAIL: DISTRICT10@MCGTN.NET

### WATER SERVICE

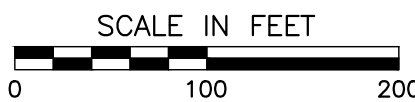
WOODLAWN UTILITY DISTRICT  
2172 WOODLAWN DRIVE  
WOODLAWN, TENNESSEE 37191  
PH: (931)-552-0432

### ELECTRIC SERVICE

CUMBERLAND ELECTRIC MEMBERSHIP CORPORATION  
404 SPRING ST  
DOVER, TN, 37058  
PH: (800)-987-2362



SITE MAP



## PROJECT TEAM

### OWNER

BI-COUNTY SOLID WASTE MANAGEMENT SYSTEMS  
3212 DOVER ROAD  
WOODLAWN, TN 37191  
CONTACT: MARK NEBLETT  
PHONE: (931)-848-5751  
EMAIL: MENEBLETT@MCGTN.NET

### CIVIL ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
117 SEABOARD LANE, SUITE E100  
FRANKLIN, TN 37067  
CONTACT: DREW STOKES, P.E. - PROJECT ENGINEER  
PHONE: 615-333-7797  
EMAIL: dstokes@cecinc.com

## SITE DATA

PROJECT NAME: BI-COUNTY LANDFILL CONVENIENCE CENTER  
PARCEL I.D.: 051 01001 000  
ADDRESS: 3212 DOVER ROAD  
CITY: WOODLAWN  
COUNTY: MONTGOMERY  
STATE: TENNESSEE  
LOT AREA: 545.2 AC

EXISTING ZONING: AG  
MAXIMUM STRUCTURE HEIGHT AT SETBACK: 35'  
MINIMUM FRONT SETBACK: 40'  
MINIMUM SIDE SETBACK: 20'  
MINIMUM REAR SETBACK: 40'

PROJECT EXISTING IMPERVIOUS AREA: 0.00 ACRES  
PROJECT PROPOSED IMPERVIOUS AREA: 1.26 ACRES

TOTAL DISTURBED AREA: 4.74± ACRES

APPLICANT: CIVIL & ENVIRONMENTAL CONSULTANTS, INC.  
ADDRESS: 117 SEABOARD LANE, SUITE E-100  
FRANKLIN, TN 37067  
PHONE: 615-333-7797  
CONTACT: DREW STOKES, P.E.  
EMAIL: DSTOKES@CECINC.COM



Know what's below.  
Call before you dig.

## NOTE TO CONTRACTOR

THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN  
THIS PLAN SET. IT IS NOT THE DESIGNER'S INTENT THAT  
ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS  
FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

## REVISION RECORD

| NO | DATE | DESCRIPTION |
|----|------|-------------|
|    |      |             |
|    |      |             |
|    |      |             |
|    |      |             |
|    |      |             |
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**Civil & Environmental Consultants, Inc.**  
117 Seaboard Lane · Suite E-100 · Franklin, TN 37067  
615-333-7797 · 800-763-2326  
www.cecinc.com

BI-COUNTY SOLID WASTE MANAGEMENT  
WOODLAWN CONVENIENCE CENTER  
3212 DOVER ROAD  
WOODLAWN, TENNESSEE 37191

## COVER SHEET

|                      |                  |
|----------------------|------------------|
| DATE: SEPTEMBER 2023 | DRAWN BY: DSR    |
| DWG SCALE: AS SHOWN  | CHECKED BY: AAS  |
| PROJECT NO: 390-244  | APPROVED BY: RGM |



DRAWING NO:

C000

SHEET OF

A:\300-0001\300-244-C000\Draw\0301\300244-C001-C000.dwg(2007/15/9/6/2003 - etahmes) - LP 9/7/2003 4:37 PM



Know what's below.  
Call before you dig.

NOTE TO CONTRACTOR

THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE DESIGNER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

GENERAL NOTES

1. BEARINGS ARE BASED ON TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD83).
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88). CONTOURS ARE SHOWN AT 1 FOOT INTERVALS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
4. THE CONTRACTOR SHALL NOTIFY THE MONTGOMERY COUNTY REGIONAL BUILDING DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK ON THIS PROJECT, HOLIDAYS AND WEEKENDS EXCLUDED. WORK SHALL NOT COMMENCE UNTIL A PRE-CONSTRUCTION CONFERENCE IS HELD.
5. ANY MODIFICATIONS TO THE WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE ENGINEER.
6. ALL LAND-DISTURBING ACTIVITIES SHALL BE SUBJECT TO INSPECTION AND SITE INVESTIGATION BY THE MONTGOMERY COUNTY REGIONAL BUILDING DEPARTMENT. FAILURE TO COMPLY WITH THESE REGULATIONS IS SUBJECT TO LEGAL ENFORCEMENT ACTION.
7. SITE IS TO BE CONSTRUCTED IN A MANNER THAT REDUCES DISRUPTION TO NEIGHBORING OPERATIONS TO MAXIMUM EXTENT POSSIBLE. TEMPORARY MEASURES REQUIRED TO FACILITATE DAILY OPERATIONS DURING THE CONSTRUCTION PERIOD SHALL BE IMPLEMENTED BY THE CONTRACTOR. UNDER NO CIRCUMSTANCES SHOULD IMPLEMENTATION OF THESE MEASURES JEOPARDIZE THE SAFETY OF NEIGHBORING EMPLOYEES OR THE CONTRACTOR.
8. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH ALL FEDERAL OSHA REGULATIONS. CONTRACTOR TO PAY PARTICULAR ATTENTION TO 29 CFR PART 1926, SUBPARTS M AND P.
9. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
10. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL APPLICABLE PERMITS, AND PAY ALL REQUIRED FEES PRIOR TO BEGINNING WORK.
11. ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.
12. BEFORE INSTALLATION OF STORM OR OTHER UTILITY, THE CONTRACTOR SHALL VERIFY ALL CROSSINGS, BY EXCAVATION WHERE NECESSARY, AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT HE IS NOT NOTIFIED OF DESIGN CONFLICTS PRIOR TO CONSTRUCTION.
13. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND/OR MATERIALS INFORMATION PRIOR TO ORDERING MATERIALS. SUBMITTALS INCLUDE CONCRETE MIX DATA, STORMWATER PIPING AND STRUCTURES, AND WATER PIPING AND APPURTENANCES.
14. THE CONTRACTOR SHALL COORDINATE THIS SET OF DRAWINGS WITH OTHER DESIGN DOCUMENTS.

GENERAL DEMOLITION NOTES

1. ALL EXISTING ABOVE AND BELOW GROUND STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS NOTED OTHERWISE WITHIN THIS CONSTRUCTION SET AND/OR PROJECT SPECIFICATIONS. THIS INCLUDES FOUNDATION SLABS, WALLS AND FOOTINGS, CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH SATISFACTORY MATERIALS AND COMPACTED AS REQUIRED BY THE DESIGN PLANS, PROJECT SPECIFICATIONS, AND GEOTECHNICAL REPORT. WHERE CONFLICTS EXIST BETWEEN DESIGN PLANS, PROJECT SPECIFICATIONS, AND GEOTECHNICAL REPORT, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
2. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD.
3. ALL DEMOLITION WASTE AND CONSTRUCTION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
4. THE BURNING OF CLEARED MATERIAL AND DEBRIS SHALL NOT BE ALLOWED.
5. EROSION AND SEDIMENTATION CONTROL MEASURES AROUND AREAS OF DEMOLITION SHALL BE PROPERLY INSTALLED AND SHALL FUNCTION PROPERLY PRIOR TO INITIALIZATION OF DEMOLITION ACTIVITIES.
6. IF FOUND ON SITE, ASBESTOS OR HAZARDOUS MATERIALS SHALL BE HANDLED AND REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATIONS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
7. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL AND OSHA REGULATIONS DURING ALL DEMOLITION ACTIVITIES.
8. CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS, AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, STRUCTURES, AND FEATURES TO REMAIN. ANY ITEMS TO REMAIN THAT HAVE BEEN DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
10. PROVIDE NEAT, STRAIGHT, FULL DEPTH, SAW CUTS OF EXISTING PAVEMENT WHERE INDICATED ALONG LIMITS OF PAVEMENT DEMOLITION AND ALONG EDGES OF NEW PAVEMENT.
11. ALL UTILITY AND STRUCTURE REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED AND PROPERLY DOCUMENTED BY A CERTIFIED PROFESSIONAL, WHEN APPLICABLE, WITH THE APPROPRIATE UTILITY COMPANY, MUNICIPALITY AND/OR AGENCY. DEMOLITION OF REGULATED ITEMS MAY INCLUDE, BUT ARE NOT LIMITED TO: WELLS, ASBESTOS, UNDER GROUND STORAGE TANKS, SEPTIC TANKS AND ELECTRIC TRANSFORMERS. DEMOLITION CONTRACTOR SHALL REFER TO ANY ENVIRONMENTAL STUDIES FOR DEMOLITION RECOMMENDATIONS AND GUIDANCE. AVAILABLE ENVIRONMENTAL STUDIES MAY INCLUDE, BUT ARE NOT LIMITED TO: PHASE I ESA, PHASE II ESA, AND ASBESTOS SURVEY. APPLICABLE ENVIRONMENTAL STUDIES WILL BE MADE AVAILABLE UPON REQUEST.
13. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., WITHIN THE AREA TO BE DEMOLISHED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS AND RECOMMENDATIONS OF THE REPORT OF GEOTECHNICAL INVESTIGATION.
14. THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION ACTIVITY.

GENERAL LAYOUT NOTES

1. CONTRACTOR TO RETAIN SURVEYOR TO LAYOUT SITEWORK ITEMS INCLUDED IN THE CIVIL AND LANDSCAPE ARCHITECTURAL PLANS.
2. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
3. THE CONTRACTOR SHALL RELOCATE EXISTING UTILITIES AS INDICATED, OR AS NECESSARY FOR CONSTRUCTION.
4. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES, INCLUDING CONDUITS, PRIOR TO INSTALLATION OF PAVED SURFACES.
5. CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH TO ALL SURFACES, UNLESS NOTED OTHERWISE.
6. ALL DAMAGE TO EXISTING PAVEMENT TO REMAIN WHICH RESULTS FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH LIKE MATERIALS AT THE CONTRACTOR'S EXPENSE.
7. SITE DIMENSIONS SHOWN ARE TO THE FACE OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL MAINTAIN ONE SET OF AS-BUILT/RECORD DRAWINGS ON THE JOB SITE DURING CONSTRUCTION FOR DISTRIBUTION TO THE OWNER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETION.
9. THIS SITE LAYOUT IS SPECIFIC TO THE APPROVALS NECESSARY FOR THE CONSTRUCTION IN ACCORDANCE WITH THE MONTGOMERY COUNTY REGIONAL PLANNING COMMISSION. NO CHANGES TO THE SITE LAYOUT ARE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. CHANGES MADE TO THE SITE LAYOUT WITHOUT APPROVAL IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. CHANGES INCLUDE BUT ARE NOT LIMITED TO: INCREASED IMPERVIOUS PAVEMENT, ADDITION / DELETION OF PARKING SPACES, MOVEMENT OF CURB LINES, CHANGES TO DRAINAGE STRUCTURES AND PATTERNS, LANDSCAPING, ETC.

GENERAL GRADING NOTES

1. CONTRACTOR SHALL STRICTLY ADHERE TO THE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLANS PREPARED FOR THIS PROJECT.
2. EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING AND STOCKPILING TOPSOIL, MASS GRADING, EXCAVATION, FILLING, UNDER CUT AND REPLACEMENT, IF REQUIRED, AND COMPACTION.
3. CONTRACTOR TO REFILL UNDERCUT AREAS WITH SUITABLE MATERIAL AND COMPACT.
4. ALL AREAS NOT PAVED SHALL BE STABILIZED IN ACCORDANCE WITH THE EPSC PLANS, UNLESS NOTED OTHERWISE.
5. ALL EXCESS SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
6. GRADING OPERATIONS TO BE CONDUCTED IN A MANNER THAT MINIMIZES TRACKING OF SOILS ONTO SITE PAVING.

GENERAL DRAINAGE NOTES

1. DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION, INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE REGULATING AGENCIES CONCERNING INSTALLATION, INSPECTION AND APPROVAL OF THE STORM DRAINAGE SYSTEM CONSTRUCTION.
3. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES, SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
4. ADJUST EXISTING CASTINGS TO REMAIN TO PROPOSED GRADES.
5. GRADE SITE TO ELIMINATE LOCALIZED PONDING.

GENERAL UTILITY NOTES

1. INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES, GAS LINES, AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO PAVEMENT CONSTRUCTION.
3. ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE DESIGNATED. SHALL BE REMOVED BY THE CONTRACTOR, AND DISPOSED OF OFF SITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
4. ADJUST ALL EXISTING UTILITY SURFACE FEATURES INCLUDING BUT NOT LIMITED TO CASTINGS, VALVE BOXES, PEDESTALS, CLEANOUTS, ETC. TO MATCH PROPOSED FINISHED GRADES, UNLESS OTHERWISE INDICATED.
5. CONTRACTOR SHALL COORDINATE WITH EACH UTILITY PROVIDER THE INSTALLATION OF UTILITY CONDUITS FOR TELEPHONE, ELECTRIC, GAS, IRRIGATION, ETC. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR FOR THE TRENCHING AND CONDUIT INSTALLATION.

PUBLIC WORKS CONSTRUCTION NOTES

1. STOP SIGNS TO BE 30 INCH X 30 INCH.
2. STREET SIGNS TO HAVE SIX INCH WHITE LETTERS ON A NINE INCH GREEN ALUMINUM BLADE.
3. ALL SIGNS TO HAVE 3M REFLECTIVE COATING.
4. ALL UTILITY BOXES LOCATED IN THE RIGHT OF WAY OR IN THE SIDEWALK SHALL BE APPROVED BY THE MPW INSPECTOR PRIOR TO INSTALLATION.
5. ALL OF THE PUBLIC SIDEWALK ALONG THE ROADWAY SHALL FOLLOW THE GRADE OF THE ROADWAY AND SHALL NOT BE ADJUSTED TO MEET PRIVATE SIDEWALK CONNECTIONS. THE ADJUSTMENTS SHALL BE MADE OUT OF THE RIGHT OF WAY.
6. DRAINAGE SHALL NOT FLOW OVER THE SIDEWALK.
7. CURB RAMPS SHALL HAVE DETECTABLE WARNING STRIPS.
8. DRIVEWAY WIDTH CAN BE SIGHT ADJUSTED AT THE DISCRETION OF THE MPW INSPECTOR.
9. ELEVATION OF THE CURB AND GUTTER IS THE RESPONSIBILITY OF THE CONTRACTOR BUT ONCE IN PLACE SHALL FUNCTION AS DESIGNED.
10. CURB AND GUTTER INSTALLED MAY BE TESTED TO VERIFY FLOW TO THE STORM DRAIN SYSTEM. DRAINAGE SHALL NOT POOL IN ROADWAYS.
11. REPLACE STORMWATER GRATES WITHIN PUBLIC RIGHT OF WAY WITH BIKE FRIENDLY GRATES.

LEGEND

|  |                                       |
|--|---------------------------------------|
|  | EXISTING PROPERTY LINE                |
|  | EXISTING INDEX (MAJOR) CONTOUR        |
|  | EXISTING INTERMEDIATE (MINOR) CONTOUR |
|  | EXISTING FENCE LINE                   |
|  | EXISTING OVERHEAD WIRE                |
|  | EXISTING EDGE OF PAVEMENT             |
|  | EXISTING ROADWAY CENTERLINE           |
|  | EXISTING CURB                         |
|  | PROPOSED LIMITS OF DEMOLITION         |
|  | PROPOSED ROADWAY CENTERLINE           |
|  | PROPOSED EDGE OF PAVED DRIVE          |
|  | PROPOSED CONCRETE                     |
|  | PROPOSED FENCE                        |
|  | PROPOSED WATERLINE                    |
|  | PROPOSED ASPHALT                      |
|  | PROPOSED STORM PIPE                   |
|  | PROPOSED PIPE LABEL                   |
|  | PROPOSED STRUCTURE LABEL              |
|  | PROPOSED LIMITS OF DISTURBANCE        |
|  | PROPOSED INDEX (MAJOR) CONTOUR        |
|  | PROPOSED EROSION/ABANDONMENT BLANKET  |
|  | PROPOSED BRIST EXCAVATION             |
|  | PROPOSED CHECK DAM                    |
|  | PROPOSED RIPRAP APRON                 |

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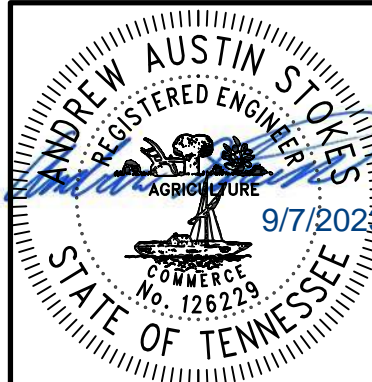
GENERAL NOTES AND  
LEGEND

|              |                |              |     |
|--------------|----------------|--------------|-----|
| DATE:        | SEPTEMBER 2023 | DRAWN BY:    | DSR |
| DWG SCALE:   | AS SHOWN       | CHECKED BY:  | AAS |
| PROJECT NO.: | 330-244        | APPROVED BY: | RGH |

DRAWING NO.:

**C001**

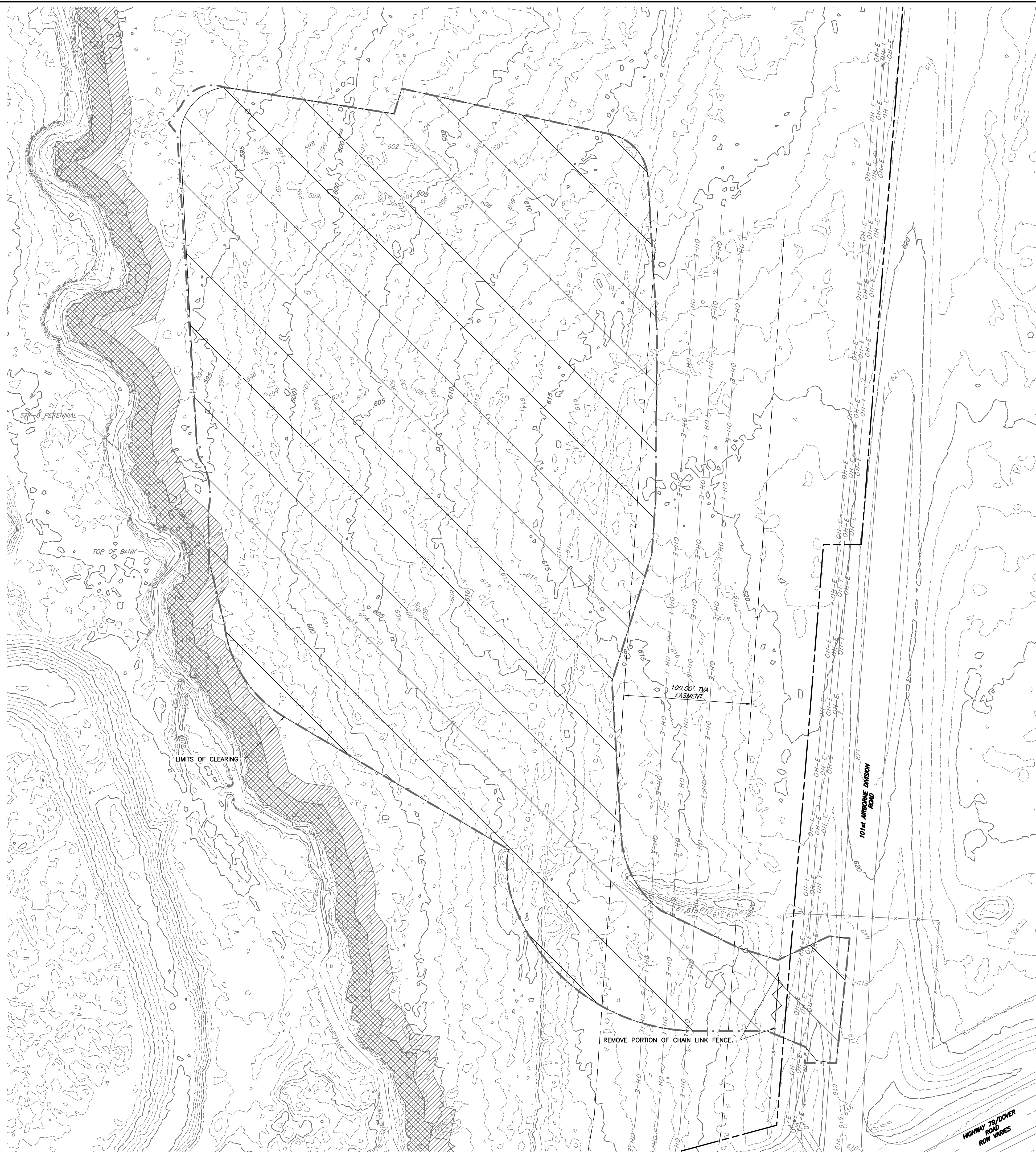
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Know what's **below**.  
**Call** before you dig.

**NOTE TO CONTRACTOR**

THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE DESIGNER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND LOCATIONS OF STRUCTURES AND LOCATIONS OF ALL UTILITIES WHICH MAY AFFECT THE WORK PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE OWNER PRIOR TO BEGINNING THE WORK. CONTRACTOR SHALL NOT RELY UPON PROVIDED INFORMATION AS BEING EXACT OR COMPLETE. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING THE EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS. CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO AN EXCAVATION AND REQUEST FIELD VERIFICATION OF UTILITY LOCATIONS.
2. CONTRACTOR SHALL NOT INTERFERE WITH OWNERS ONGOING OPERATIONS, ACCESS AND TRAFFIC TO OWNERS CUSTOMERS. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS AND ARRANGEMENTS TO MAKE ALL EXISTING ROADS PASSABLE AT ALL TIMES OR PROVIDE TEMPORARY TEMPORARY ROADWAYS. ANY ADDITIONAL COST TO OWNER. CONTRACTOR MAY BE ALLOWED TO CLOSE STREETS WITH THE PERMISSION OF THE OWNER IF WORK IS CONDUCTED AFTER NORMAL OPERATING HOURS OF BI-COUNTY LANDFILL.
3. EXISTING CONTOURS SHOWN WITHIN THE LIMITS OF THE PROJECT MAY NOT REFLECT ACTUAL CONDITIONS WHEN CONTRACTOR MOBILIZES. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS WITH OWN SURVEY PRIOR TO START OF WORK.

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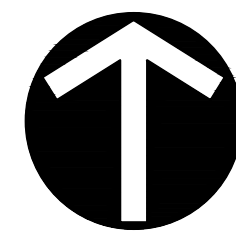
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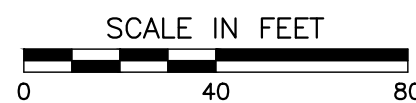
## EXISTING CONDITIONS AND DEMOLITION PLAN

|              |                |             |     |
|--------------|----------------|-------------|-----|
| DATE:        | SEPTEMBER 2023 | DRAWN BY:   | DSR |
| DWG SCALE:   | AS SHOWN       | CHECKED BY: | AAS |
| PROJECT NO:  | 330-244        |             |     |
| APPROVED BY: | RGM            |             |     |

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**C100**  
SHEET OF



NORTH



DRAWING NO.  
**C**  
SHEET



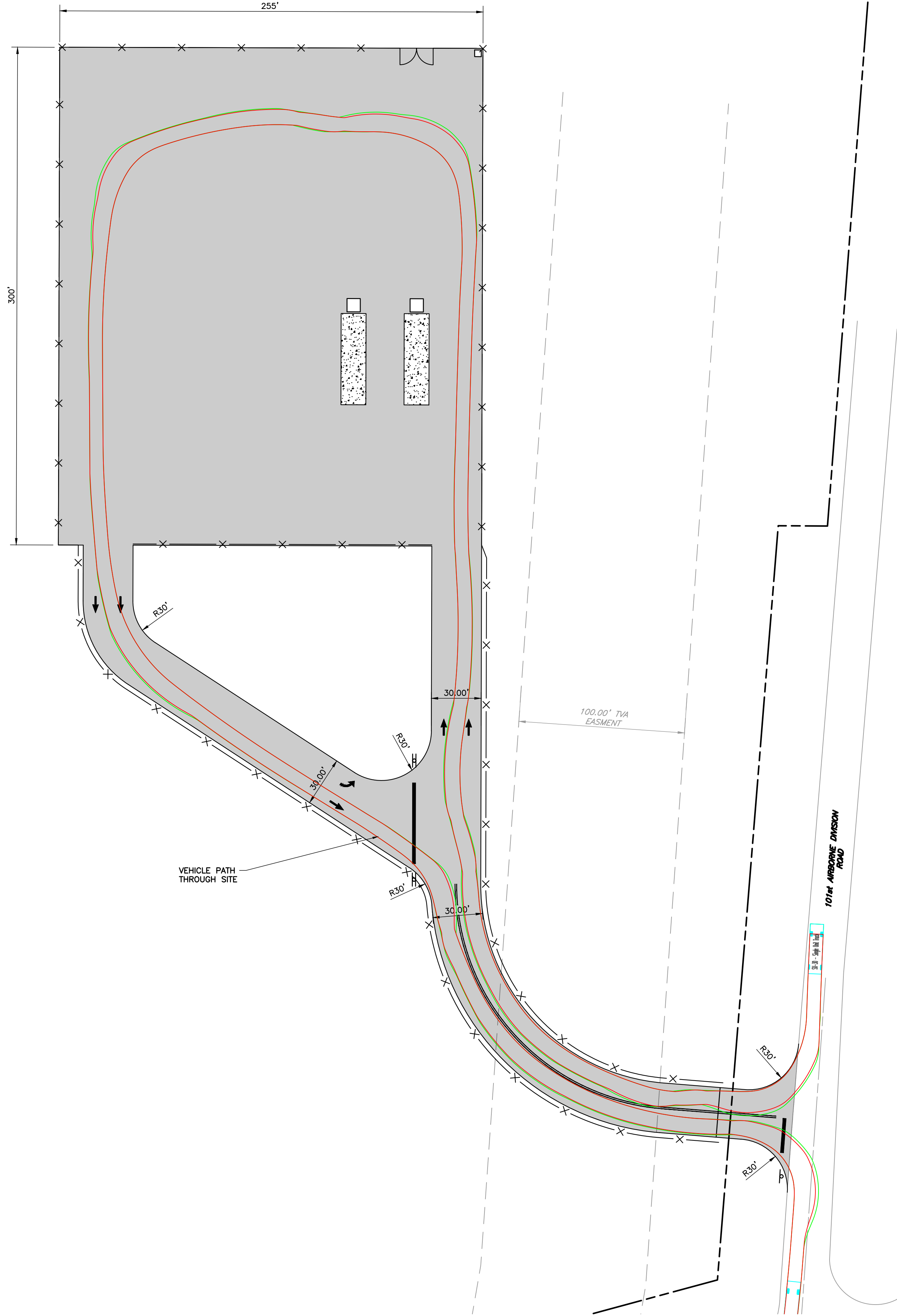
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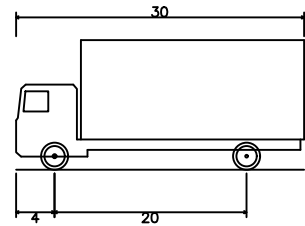
Know what's below.  
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**NOTE TO CONTRACTOR**

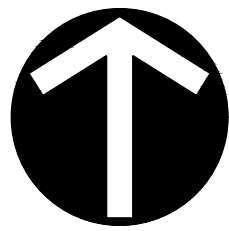
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**VEHICLE TRACKING INFORMATION**



SU-30 = Single Unit Truck  
Overall Length 30.000ft  
Overall Width 20.000ft  
Overall Body Height 13.500ft  
Min Body Ground Clearance 3.67ft  
Track Width 5.00ft  
Lock-to-lock Time 5.00s  
Curb to Curb Turning Radius 41.800ft



SCALE IN FEET  
0 40 80



**VEHICLE TRACKING PLAN**

DATE: SEPTEMBER 2023  
DRAWN BY: DSR  
DWG SCALE: AS SHOWN  
PROJECT NO: 330-244  
APPROVED BY: RGM

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**REVISION RECORD**

DESCRIPTION

NO. DATE

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**C201**

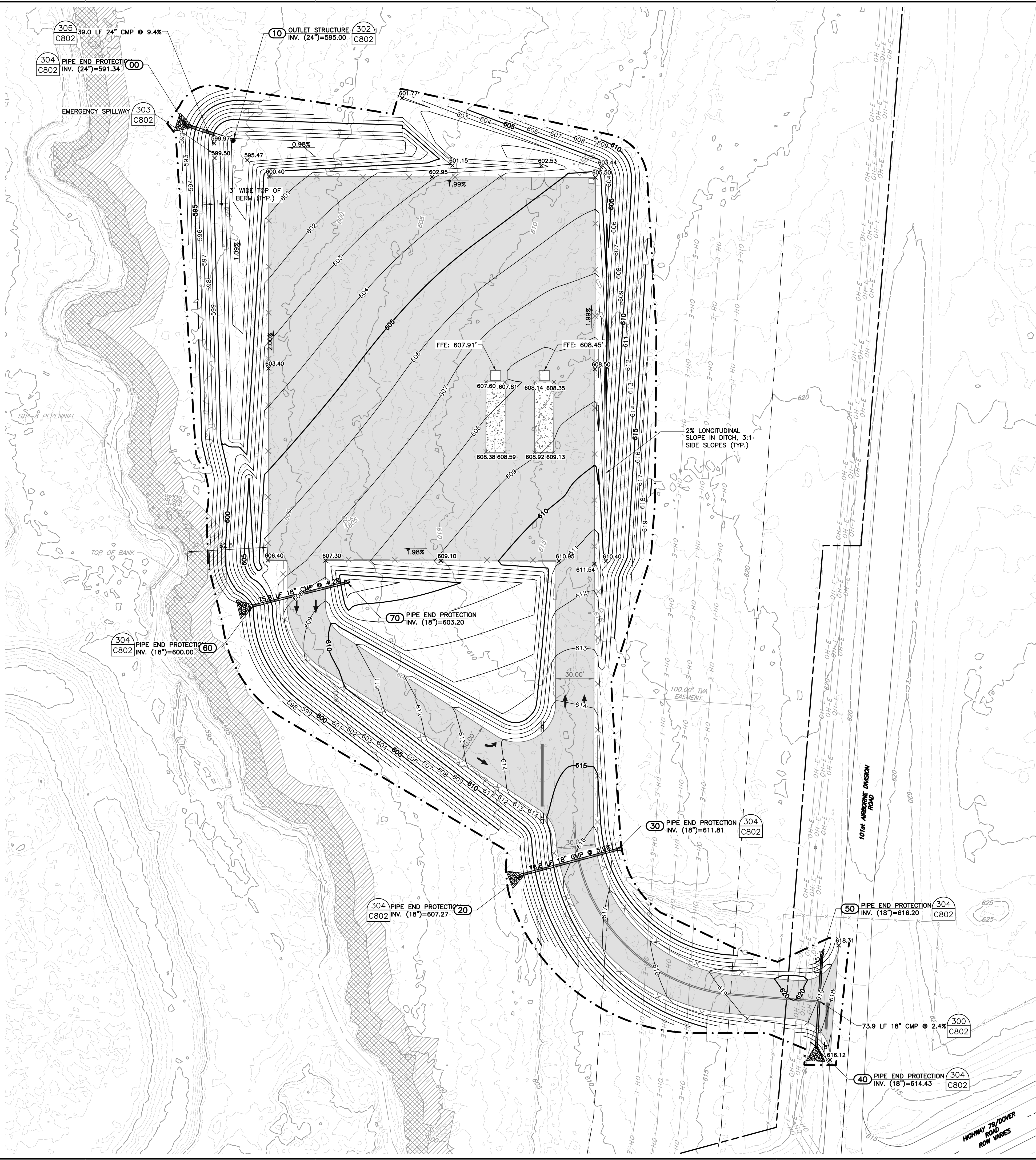
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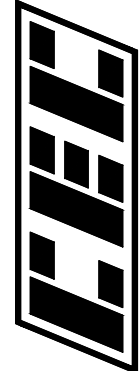
SCALE IN FEET  
0 40 80



**SITE GRADING AND DRAINAGE PLAN**

DATE: SEPTEMBER 2023  
DRAWN BY: DSR  
DWG SCALE: AS SHOWN  
PROJECT NO: 330-244  
APPROVED BY: RGW

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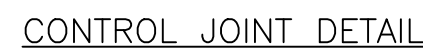
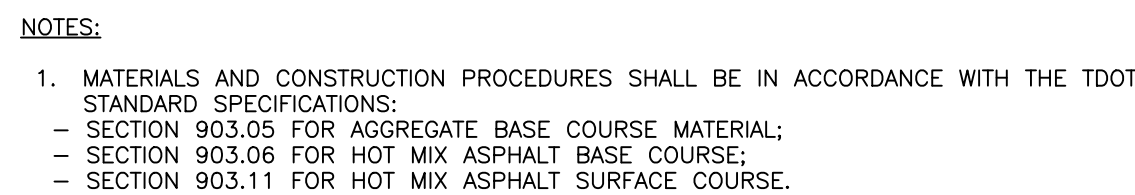


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**REVISION RECORD**

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DRAWING NO: **C300**  
SHEET OF



- DETAIL 204**  
**CONCRETE PAVEMENT JOINTS**  
N.T.S.



- DETAIL 205**  
**PAVEMENT MARKINGS**  
N.T.S.

| REVISION RECORD |             |
|-----------------|-------------|
| NO              | DESCRIPTION |

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## DETAILS

|              |                |             |     |
|--------------|----------------|-------------|-----|
| DATE:        | SEPTEMBER 2023 | DRAWN BY:   | DSR |
| DWG SCALE:   | AS SHOWN       | CHECKED BY: | AAS |
| PROJECT NO:  | 330-244        |             |     |
| APPROVED BY: | RGM            |             |     |

DRAWING NO.:

# C800

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|---|--|--------------|----------------|-----------|-------------|---------|
| <div style="text-align: center;"> <h1>DETAILS</h1> </div> |  | DATE:        | SEPTEMBER 2023 | DRAWN BY: | DSR         |         |
|   |  | DWG SCALE:   |                | AS SHOWN  | CHECKED BY: | AAS     |
|   |  | PROJECT NO.  |                |           |             | 330-244 |
|   |  | APPROVED BY: |                |           |             | RGM     |
|   |  |              |                |           |             |         |

DRAWING NO.:

# C801

OF

SHEET

1



OUTFALL 1: 3.22 ACRES

OUTFALL 2: 1.38 ACRES

OUTFALL 3: 0.53 ACRES

OUTFALL 4: 1.13 ACRES

LIMITS OF DISTURBANCE= 4.74 AC

15' BUFFER FROM TOP OF BANK

30' AVERAGE BUFFER FROM TOP OF BANK

906 FILTER RING INLET PROTECTION (TYP.)

904 ROCK CHECK DAM (TYP.)

901 CONCRETE WASHOUT FACILITY


902 SILT FENCE (TYP.)

100.00% TBA EASEMENT

101st AIRBORNE DIVISION ROAD

CONSTRUCTION EXIT

HIGHWAY 75/DOVER ROAD ROW LINES



SCALE IN FEET

0 40 80



|              |                |             |         |
|--------------|----------------|-------------|---------|
| DATE:        | SEPTEMBER 2023 | DRAWN BY:   | DSR     |
| DWG SCALE:   | AS SHOWN       | CHECKED BY: | AAS     |
| PROJECT NO:  |                |             | 330-244 |
| APPROVED BY: |                |             | RGM     |

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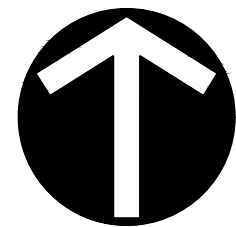
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[illegible]



## NOTES

1. CONTRACTOR TO REMOVE SILT FENCE, INLET PROTECTION, CHECK DAMS, CONSTRUCTION EXIT, AND CONCRETE WASHOUT AT FINAL STABILIZATION.



NORTH



## FINAL PHASE EPSC PLAN

DRAWING NO.

# C901

|                |             |         |
|----------------|-------------|---------|
| SEPTEMBER 2023 | DRAWN BY:   | DSR     |
| AS SHOWN       | CHECKED BY: | AAS     |
|                |             | 330-244 |
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DESCRIPTION

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WIN



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**APPENDIX B**  
**VICINITY MAP**

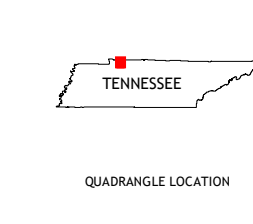
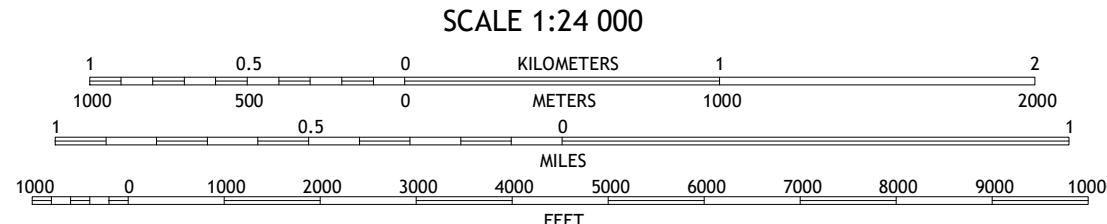
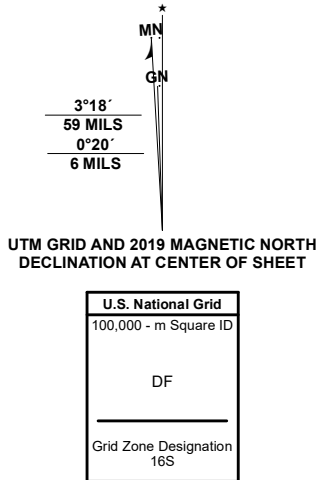
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Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 16S  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, August 2016 - October 2016  
Roads.....U.S. Census Bureau, 2016  
Names.....GNIS, 1980-2022  
Hydrography.....National Hydrography Dataset, 2002 - 2022  
Contours.....National Elevation Dataset, 2019  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory 1981 - 1981



|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

ROAD CLASSIFICATION  
Expressway  
Secondary Hwy  
Ramp  
Local Connector  
Local Road  
4WD  
US Route  
State Route

WOODLAWN, TN  
2022



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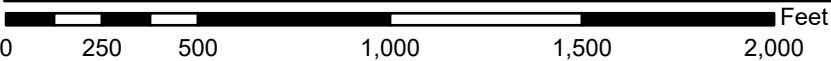
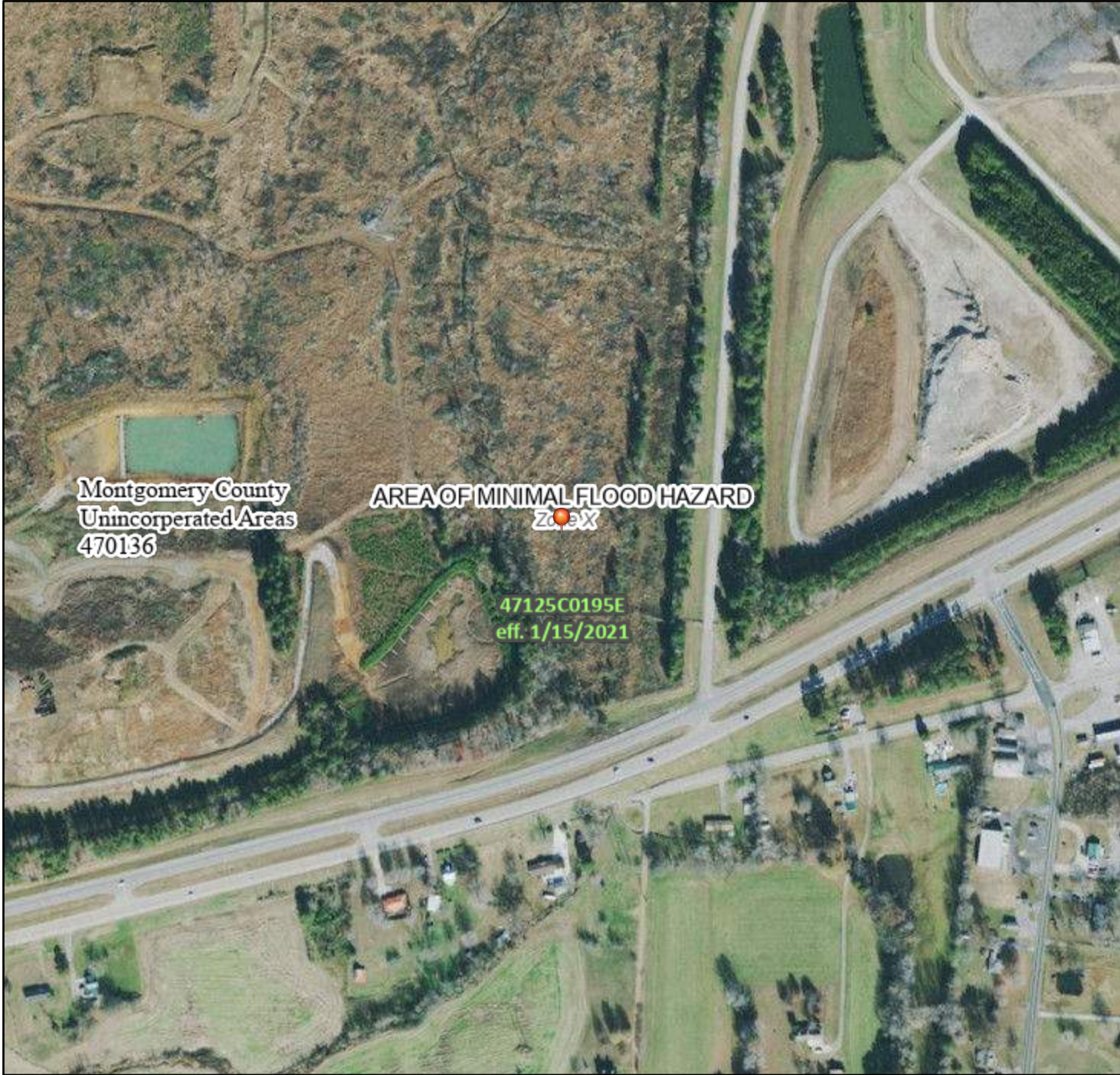
**APPENDIX C**  
**FEMA FLOOD MAP**

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# National Flood Hazard Layer FIRMMette



87°32'19"W 36°32'45"N



1:6,000

87°31'42"W 36°32'16"N

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

|                             |  |   |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br>Zone A, V, A99  |
|                             |  | With BFE or Depth Zone AE, AO, AH, VE, AR   |
|                             |  | Regulatory Floodway   |
| OTHER AREAS OF FLOOD HAZARD |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard Zone X  |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. Zone X  |
|                             |  | Area with Flood Risk due to Levee Zone D  |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard Zone X   |
|                             |  | Effective LOMRs   |
|                             |  | Area of Undetermined Flood Hazard Zone D  |
| GENERAL STRUCTURES          |  | Channel, Culvert, or Storm Sewer  |
|                             |  | Levee, Dike, or Floodwall   |
| OTHER FEATURES              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation   |
|                             |  | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation   |
|                             |  | Coastal Transect  |
|                             |  | Base Flood Elevation Line (BFE)   |
|                             |  | Limit of Study  |
|                             |  | Jurisdiction Boundary   |
|                             |  | Coastal Transect Baseline   |
| MAP PANELS                  |  | Digital Data Available  |
|                             |  | No Digital Data Available   |
|                             |  | Unmapped  |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/1/2023 at 10:16 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

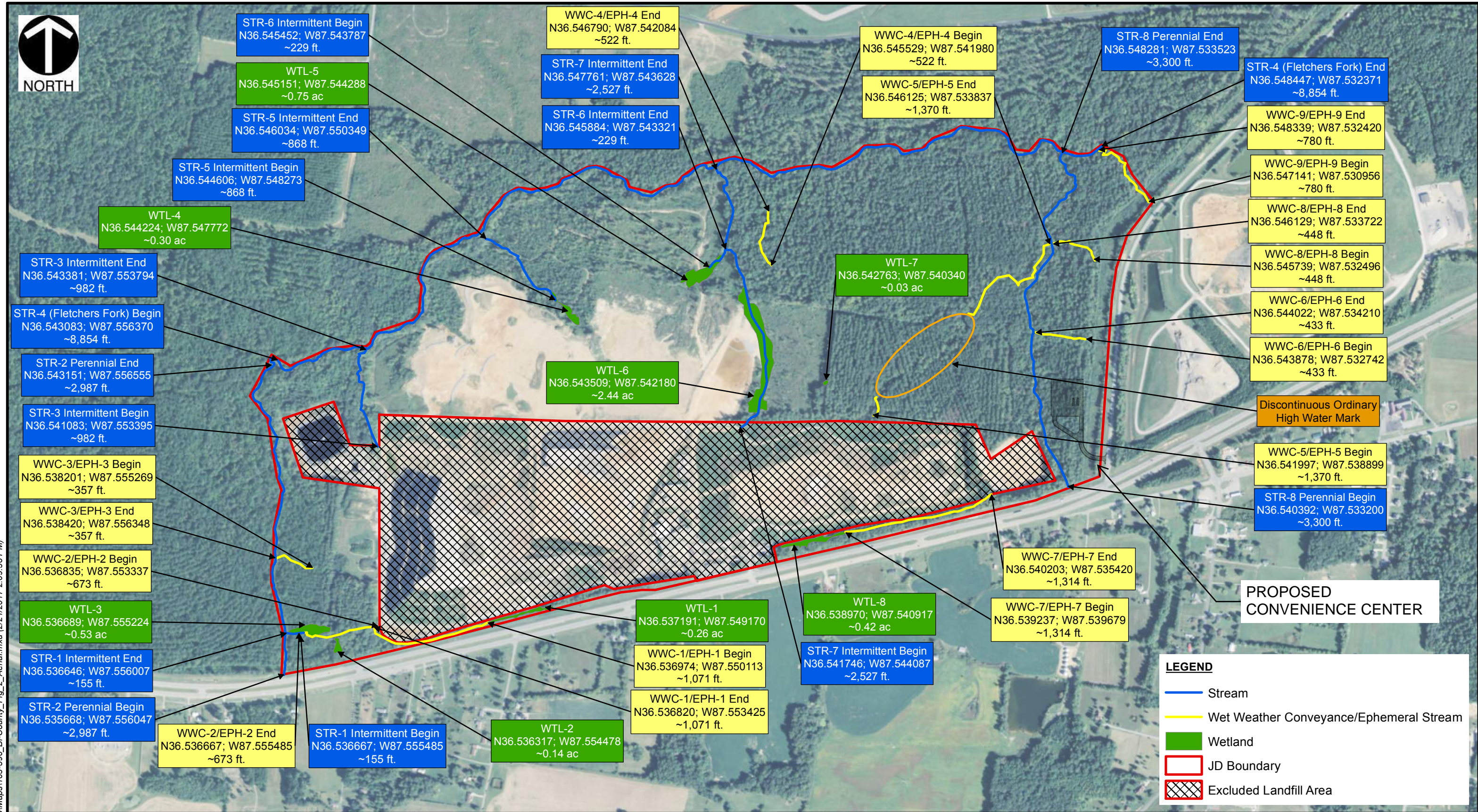
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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**APPENDIX D**  
**JURISDICTIONAL DETERMINATION**

**FIGURES 2 AND 4 FROM 2017 HYDROLOGIC DETERMINATION**

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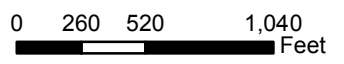


**LEGEND**

- Stream
- Wet Weather Conveyance/Ephemeral Stream
- Wetland
- JD Boundary
- Excluded Landfill Area

**REFERENCE**

ESRI WORLD IMAGERY / ARCGIS MAP SERVICE:  
HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY,  
ACCESSED 2/21/2017, IMAGERY DATE: 2014.



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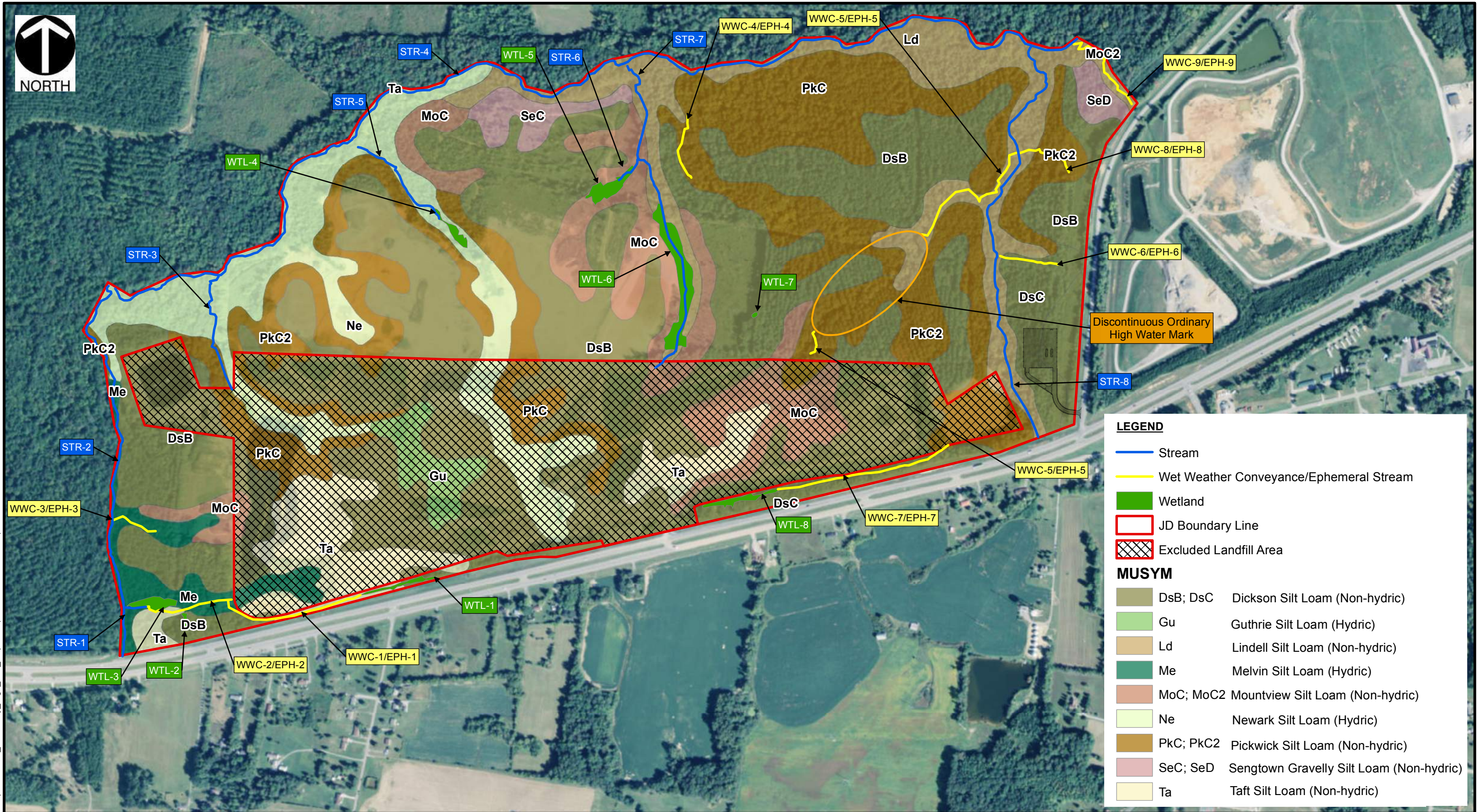
BI-COUNTY LANDFILL  
JURISDICTIONAL DETERMINATION  
CLARKSVILLE, MONTGOMERY COUNTY, TN

**HYDROLOGIC FEATURE MAP**

|           |           |             |           |              |                             |            |   |
|-----------|-----------|-------------|-----------|--------------|-----------------------------|------------|---|
| DRAWN BY: | BCL       | CHECKED BY: | JTD       | APPROVED BY: | JG * Hand signature on file | FIGURE NO: | 2 |
| DATE:     | 2/21/2017 | SCALE:      | 1" = 778' | PROJECT NO:  | 163-596                     |            |   |



\\SVR-NASHI-P\2016\163-596-GIS\Maps\163-596\_Bi-County\_Fig4\_Soil\_Map.mxd (2/21/2017 4:31:46 PM)



**LEGEND**

- Stream
- Wet Weather Conveyance/Ephemeral Stream
- Wetland
- JD Boundary Line
- Excluded Landfill Area

**MUSYM**

|           |  |
|-----------|--|
| DsB; DsC  | Dickson Silt Loam (Non-hydric)           |
| Gu        | Guthrie Silt Loam (Hydric)               |
| Ld        | Lindell Silt Loam (Non-hydric)           |
| Me        | Melvin Silt Loam (Hydric)                |
| MoC; MoC2 | Mountview Silt Loam (Non-hydric)         |
| Ne        | Newark Silt Loam (Hydric)                |
| PkC; PkC2 | Pickwick Silt Loam (Non-hydric)          |
| SeC; SeD  | Sengtown Gravelly Silt Loam (Non-hydric) |
| Ta        | Taft Silt Loam (Non-hydric)              |

**REFERENCE**  
ESRI WORLD IMAGERY / ARCGIS MAP SERVICE:  
HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY,  
ACCESSED 2/21/2017, IMAGERY DATE: 2014.  
  
USA NRCS WEB SOIL SURVEY  
ACCESSED 2/21/2017,



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BI-COUNTY LANDFILL  
JURISDICTIONAL DETERMINATION  
CLARKSVILLE, MONTGOMERY COUNTY, TN

SOIL MAP

|                 |                  |   |                     |
|-----------------|------------------|---|---------------------|
| DRAWN BY: BCL   | CHECKED BY: JTD  | APPROVED BY: JG <small>* Hand signature on file</small> | FIGURE NO: <b>4</b> |
| DATE: 2/21/2017 | SCALE: 1" = 667' | PROJECT NO: 163-596                                     |                     |