

LEGISLATIVE TRACKING FORM

Filing for Council Meeting Date: _____ ^{DS} PD X Resolution _____ Ordinance _____

Contact/Prepared By: JHoneysucker/JHoneysucker Date Prepared: 10/7/2025

Title (Caption): A resolution authorizing The Metropolitan Government of Nashville and Davidson County, acting by and through Metro Water Services, to enter into three Facility Encroachment Agreements with CSX TRANSPORTATION, INC. to construct, use and maintain fiber optics, wirelines, natural gas and water main in the railroad right-of-way at 61 Edenwold Road, in Davidson County, (Project No. 21-SC-0227 and Proposal No. 2025M-045AG-001).

Submitted to Planning Commission? _____ N/A _____ Yes-Date: _____ Proposal No: ^{DS} SP

Proposing Department: Metro Water Services Requested By: Scott Potter

Affected Department(s): _____ Affected Council District(s): 9, 10

Legislative Category (check one):

- | | | |
|---|---|--|
| ☐ Bonds | ☒ Contract Approval | ☐ Intergovernmental Agreement |
| ☐ Budget – Pay Plan | ☐ Donation | ☐ Lease |
| ☐ Budget – 4% | ☐ Easement Abandonment | ☐ Maps |
| ☐ Capital Improvements | ☐ Easement Accept/Acquisition | ☐ Master List A&E |
| ☐ Capital Outlay Notes | ☐ Grant | ☐ Settlement of Claims/Lawsuits |
| ☐ Code Amendment | ☐ Grant Application | ☐ Street/Highway Improvements |
| ☐ Condemnation | ☐ Improvement Acc. | ☐ Other: _____ |

FINANCE ^{Initial} <u>TV</u> Amount+/-: \$ <u>349,148.00</u> Fund 47410 PIF 23-157 Capital Improvement Budget Capital Outlay Notes Departmental/Agency Budget Funds to Metro General Obligation Bonds Grant ^{DS} <u>AL</u> Increased Revenue Sources ^{DS} <u>AP</u> Approved by OMB: _____ Approved by Finance/Accounts: _____ Approved by Div Grants Coordination: _____	Match: \$ -0- Judgment and Losses Local Government Investment Project Revenue Bonds Self-Insured Liability Solid Waste Reserve Unappropriated Fund Balance 4% Fund Other: _____ Date to Finance Director's Office: _____ APPROVED BY FINANCE DIRECTOR'S OFFICE: _____
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ADMINISTRATION

Council District Member Sponsors: _____

Council Committee Chair Sponsors: _____

Approved by Administration: _____ Date: _____

DEPARTMENT OF LAW

Date to Dept. of Law: _____ Approved by Department of Law: _____

Settlement Resolution/Memorandum Approved by: _____

Date to Council: _____ For Council Meeting: _____ E-mailed Clerk

All Dept. Signatures Copies Backing Legislative Summary Settlement Memo Clerk Letter Ready to File

Department of Law - White Copy Administration - Yellow Copy Finance Department - Pink Copy

RESOLUTION NO. _____

A resolution authorizing The Metropolitan Government of Nashville and Davidson County, acting by and through Metro Water Services, to enter into three Facility Encroachment Agreements with CSX TRANSPORTATION, INC. to construct, use and maintain fiber optics, wirelines, natural gas and water main in the railroad right-of-way at 61 Edenwold Road, in Davidson County, (Project No. 21-SC-0227 and Proposal No. 2025M-045AG-001).

WHEREAS, The Metropolitan Government of Nashville and Davidson County, through Metro Water Services ("Licensee") desires to construct, or cause to be constructed, use and maintain, two fiber optics parallel and four wirelines parallel solely for transmission of voice communication or other data and electrical power over, under, or across property owned or controlled by CSX TRANSPORTATION, INC. ("Licensor"), pursuant to the terms of the Facility Encroachment Agreement (CSX1037297), attached hereto in substantial form as Exhibit 1, and,

WHEREAS, The Metropolitan Government of Nashville and Davidson County, through Metro Water Services ("Licensee") also desires to construct, or cause to be constructed, use and maintain, one 4 inch diameter sub-grade pipeline solely for the conveyance of natural gas over, under, or across property owned or controlled by CSX TRANSPORTATION, INC. ("Licensor"), pursuant to the terms of the Facility Encroachment Agreement (CSX1039236), attached hereto in substantial form as Exhibit 2, and,

WHEREAS, The Metropolitan Government of Nashville and Davidson County, through Metro Water Services ("Licensee") also desires to construct, or cause to be constructed, use and maintain, one 12-inch diameter sub-grade pipeline solely for the transmission of potable water over, under, or across property owned or controlled by CSX TRANSPORTATION, INC. ("Licensor"), pursuant to the terms of the Facility Encroachment Agreement (CSX1039237), attached hereto in substantial form as Exhibit 3, and,

WHEREAS, Licensee shall pay Licensor a one-time nonrefundable Encroachment Fee of Three Hundred Twenty Thousand Six Hundred Eighty-Eight Hundred Dollars for CSX1037297 (\$320,688.00), a one-time nonrefundable Encroachment Fee of Thirteen Thousand Five Hundred Dollars for CSX1039236 (\$13,500.00) and a one-time nonrefundable Encroachment Fee of Fourteen Thousand Nine Hundred Sixty Dollars for CSX1039237 (\$14,960.00), totaling Three Hundred Forty-Nine Thousand One Hundred Forty-Eight Dollars (\$349,148.00) upon execution of these contract; and,

WHEREAS, approval of these agreements will benefit the citizens of The Metropolitan Government of Nashville and Davidson County.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

Section 1. The Facility Encroachment Agreements, attached hereto in substantial form as Exhibits 1, 2, and 3 and incorporated herein by reference, are hereby approved, and that the Metropolitan Mayor is authorized to execute the same.

Section 2. Any amendments, renewals, or extension of the terms of these agreements may be approved by resolution of the Metropolitan Council.

Section 3. That this resolution shall take effect from and after its adoption, the welfare of the Metropolitan Government of Nashville and Davidson County requiring it.

RECOMMENDED BY:

DocuSigned by:

Scott Potter

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Scott A. Potter, Director
Water and Sewerage Services

INTRODUCED BY:

Council Member(s)

APPROVED AS TO THE AVAILABILITY
OF FUNDS:

Signed by:

Jenneen Reed/mjw

62377A2A874246B...

Jenneen Reed, Director
Department of Finance
FUND No. 47410 \$349,148.00
CIB 21WS0014
PIF No. 23-157

APPROVED AS TO FORM AND
LEGALITY:

Signed by:

Hannah Bitlin

D7D037A5DCA5443...

Assistant Metropolitan Attorney

FACILITY ENCROACHMENT AGREEMENT

THIS AGREEMENT, made and effective as of May 1, 2025, by and between CSX TRANSPORTATION, INC., a Virginia corporation, whose mailing address is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Licensor," and THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, a municipal corporation, political subdivision or state agency, under the laws of the State of Tennessee, whose mailing address is 61 Edenwold Road, Madison, Tennessee 37115, hereinafter called "Licensee," WITNESSETH:

WHEREAS, Licensee desires to construct (unless previously constructed and designated as existing herein), use and maintain the below described facility(ies), hereinafter called "Facilities," over, under or across property owned or controlled by Licensor, at the below described location(s):

1. Two (2) fiber optics parallel, solely for the transmission of voice communication or other data only, via an optical waveguide, through a solid core of glass or plastic fiber material, located at or near Nashville-Davidson, Davidson County, Tennessee, Nashville Division, Nashville Terminal Subdivision, beginning at Milepost 000-175.1, and ending at Milepost 000-175.26,
2. Four (4) wirelines parallel, solely for the transmission of electrical power only, through or on metal strand wire(s), located at or near Nashville-Davidson, Davidson County, Tennessee, Nashville Division, Nashville Terminal Subdivision, beginning at Milepost 000-175.11, and ending at Milepost 000-175.29,

hereinafter, called the "Encroachment," as shown on print(s) labeled Exhibit "A," attached hereto and made a part hereof;

NOW, THEREFORE, in consideration of the mutual covenants, conditions, terms and agreements herein contained, the parties hereto agree and covenant as follows:

1. LICENSE:

1.1 Subject to Article 17, Licensor, insofar as it has the legal right, power and authority to do so, and its present title permits, and subject to:

(A) Licensor's present and future right to occupy, possess and use its property within the area of the Encroachment for any and all purposes, including Licensor's track(s) structure(s), power lines, communication, signal or other wires, train control system, cellular or data towers, or electrical or electronic apparatus, or any appurtenances thereto ("Licensor's Facilities") and any other facilities as now exist or which may in the future be located in, upon, over, under or across the property;

(B) All encumbrances, conditions, covenants, easements, and limitations applicable to Licensor's title to or rights in the subject property; and

(C) Compliance by Licensee and its employees, agents and contractors (“Licensee’s Contractor”) with the terms and conditions herein contained;

does hereby grant a non-exclusive license to Licensee for the Encroachment for the sole purpose of permitting Licensee to construct, maintain, repair, renew, operate, use, alter or change the Facilities at the Encroachment above for the term herein stated, and to remove same upon termination.

1.2 The term Facilities, as used herein, shall include only those structures and ancillary facilities devoted exclusively to the transmission usage above within the Encroachment, and as shown on attached Exhibit A.

1.3 No additional structures or other facilities shall be placed, allowed, or maintained by Licensee in, upon or on the Encroachment except upon prior separate written consent of Licensors.

2. ENCROACHMENT FEE; TERM:

2.1 Licensee shall pay Licensors a one-time nonrefundable Encroachment Fee of THREE HUNDRED TWENTY THOUSAND SIX HUNDRED EIGHTY-EIGHT AND 00/100 U.S. DOLLARS (\$320,688.00) upon execution of this Agreement. Licensee agrees that the Encroachment Fee applies only to the original Licensee under this Agreement. In the event of a successor (by merger, consolidation, reorganization and/or assignment) or if the original Licensee changes its name, then Licensee shall be subject to payment of Licensors' current administrative and document preparation fees for the cost incurred by Licensors in preparing and maintaining this Agreement on a current basis.

2.2 However, Licensee assumes sole responsibility for, and shall pay directly (or reimburse Licensors), any additional annual taxes and/or periodic assessments levied against Licensors or Licensors' property solely on account of said Facilities or Encroachment.

2.3 This Agreement shall terminate as herein provided, but shall also terminate upon: (a) Licensee's cessation of use of the Facilities or Encroachment for the purpose(s) above; (b) removal of the Facilities; (c) subsequent mutual written consent; and/or (d) failure of Licensee to complete installation within five (5) years from the effective date of this Agreement.

2.4 In further consideration for the license or right hereby granted, Licensee hereby agrees that Licensors shall not be charged or assessed, directly or indirectly, with any part of the cost of the installation of said Facilities and appurtenances, and/or maintenance thereof, or for any public works project of which said Facilities is a part. Licensee agrees it shall not assess Licensors any stormwater or drainage fee associated with such Facilities. Furthermore, Licensee shall be responsible for any stormwater or drainage fees assessed by any County or State agency managing such systems.

3. CONSTRUCTION, MAINTENANCE AND REPAIRS:

3.1 Licensee shall construct, maintain, relocate, repair, renew, alter, and/or remove the Facilities, in a prudent, workmanlike manner, using quality materials and complying with any applicable standard(s) or regulation(s) of Licensor (CSXT Specifications), or Licensee's particular industry, National Electrical Safety Code, or any governmental or regulatory body having jurisdiction over the Encroachment.

3.2 Location and construction of Facilities shall be made strictly in accordance with design(s) and specifications furnished to and approved by Licensor and of material(s) and size(s) appropriate for the purpose(s) above recited.

3.3 All of Licensee's work, and exercise of rights hereunder, shall be undertaken at time(s) satisfactory to Licensor, and so as to eliminate or minimize any impact on or interference with the safe use and operation of Licensor's property and appurtenances thereto.

3.4 In the installation, maintenance, repair and/or removal of said Facilities, Licensee shall not use explosives on or adjacent to Licensor's property of any type or perform or cause any blasting on or adjacent to Licensor's property without the separate express prior written consent of Licensor. As a condition to such consent, a representative will be assigned by Licensor to monitor blasting, and Licensee shall reimburse Licensor for the entire cost and/or expense of furnishing said monitor.

3.5 Any repairs or maintenance to the Facilities, whether resulting from acts of Licensee, or natural or weather events, which are necessary to protect or facilitate Licensor's use of its property, shall be made by Licensee promptly, but in no event later than thirty (30) days after Licensee has notice as to the need for such repairs or maintenance.

3.6 Licensor, in order to protect or safeguard its property, rail operations, equipment and/or employees from damage or injury, may request immediate repair or renewal of the Facilities, and if the same is not performed, may make or contract to make such repairs or renewals, at the sole risk, cost and expense of Licensee.

3.7 All work on the Encroachment shall be conducted in accordance with Licensor's safety rules and regulations.

3.8 Licensee hereby agrees to reimburse Licensor any loss, cost or expense (including losses resulting from train delays and/or inability to meet train schedules) arising from any failure of Licensee to make repairs or conduct maintenance as required by Section 3.5 above or from improper or incomplete repairs or maintenance to the Facilities or Encroachment.

3.9 In the event it becomes necessary for the Licensee to deviate from the approved Exhibit A, Licensee shall seek prior approval from Licensor, or when applicable, an official field representative of Licensor permitted to approve changes, authorizing the necessary field changes and Licensee shall provide Licensor with complete As-Built Drawings of the completed work. As-Built Drawings shall be submitted to Licensor in either electronic or hard copy form upon the substantial completion of the project and upon Licensor's request.

3.10 In the event of large scale maintenance/construction work to railroad bridges Licensee is required to protect power lines with insulated covers or comparable safety devices at their costs during construction/maintenance for safety of railroad employees.

4. PERMITS, LICENSES:

4.1 Before any work hereunder is performed, or before use of the Encroachment for the contracted purpose, Licensee, at its sole cost and expense, shall obtain all necessary permit(s) (including zoning, building, construction, health, safety or environmental matters), letter(s) or certificate(s) of approval. Licensee expressly agrees and warrants that it shall conform and limit its activities to the terms of such permit(s), approval(s) and authorization(s), and shall comply with all applicable ordinances, rules, regulations, requirements and laws of any governmental authority (State, Federal or Local) having jurisdiction over Licensee's activities, including the location, contact, excavation and protection regulations of the Occupational Safety and Health Act (OSHA) (29 CFR 1926.651(b)), et al., and State "One Call" - "Call Before You Dig" requirements.

4.2 Licensee assumes sole responsibility for failure to obtain such permit(s) or approval(s), for any violations thereof, and for costs or expenses of compliance or remedy.

5. MARKING AND SUPPORT:

5.1 With respect to any subsurface installation or maintenance upon Licensor's property, Licensee, at its sole cost and expense, shall:

- (A) support track(s) and roadbed in a manner satisfactory to Licensor;
- (B) backfill with satisfactory material and thoroughly tamp all trenches to prevent settling of surface of land and roadbed of Licensor in a manner satisfactory to Licensor; and
- (C) either remove any surplus earth or material from Licensor's property or cause said surplus earth or material to be placed and distributed at location(s) and in such manner Licensor may approve.

5.2 After construction or maintenance of the Facilities, Licensee shall:

- (A) Restore any track(s), roadbed and other disturbed property in a manner satisfactory to Licensor; and
- (B) Erect, maintain and periodically verify the accuracy of aboveground markers, in a form approved by Licensor, indicating the location, depth and ownership of any underground Facilities or related facilities.

5.3 Licensee shall be solely responsible for any subsidence or failure of lateral or subjacent support in the Encroachment area for a period of three (3) years after completion of installation.

6. TRACK CHANGES:

6.1 In the event that rail operations and/or track maintenance result in changes in grade or alignment of, additions to, or relocation of track(s) or other facilities, or in the event future use of Licensor's rail corridor ("Rail Corridor") or property necessitate any change of location, height or depth in the Facilities or Encroachment, Licensee, at its sole cost and expense and within thirty (30) days after notice in writing from Licensor, shall make changes in the Facilities or Encroachment to accommodate such track(s) or operations.

6.2 If Licensee fails to do so, Licensor may make or contract to make such changes at Licensee's sole risk, cost and expense.

7. FACILITY CHANGES:

7.1 Licensee shall periodically monitor and verify the depth or height of the Facilities or Encroachment in relation to the existing tracks and facilities, and shall relocate the Facilities or change the Encroachment, at Licensee's expense, should such relocation or change be necessary to comply with the minimum clearance requirements of Licensor.

7.2 If Licensee undertakes to revise, renew, relocate or change in any manner whatsoever all or any part of the Facilities (including any change in voltage or gauge of wire or any change in circumference, diameter or radius of pipe or change in materials transmitted in and through said pipe), or is required by any public agency or court order to do so, plans therefor shall be submitted to Licensor for approval before such change. After approval, the terms and conditions of this Agreement shall apply thereto.

8. INTERFERENCE WITH RAIL FACILITIES:

8.1 Although the Facilities/Encroachment herein permitted may not presently interfere with Licensor's Facilities, in the event that the operation, existence or maintenance of said Facilities, in the sole judgment of Licensor, causes: (a) interference (including physical or interference from an electromagnetic induction, or interference from stray or other currents) with Licensor's power lines, communication, signal or other wires, train control system, or electrical or electronic apparatus; or (b) interference in any manner, with the operation, maintenance or use of Licensor's Facilities; then and in either event, Licensee, upon receipt of written notice from Licensor of any such interference, and at Licensee's sole risk, cost and expense, shall promptly make such changes in its Facilities or installation, as may be required in the reasonable judgment of the Licensor to eliminate all such interference. Upon Licensee's failure to remedy or change, Licensor may do so or contract to do so at Licensee's sole risk, cost and expense.

8.2 Without assuming any duty hereunder to inspect the Facilities, Licensor hereby reserves the right to inspect same and to require Licensee to undertake repairs, maintenance or

adjustments to the Facilities, which Licensee hereby agrees to make promptly, at Licensee's sole cost and expense.

9. RISK, LIABILITY, INDEMNITY:

With respect to the relative risk and liabilities of the parties, it is hereby agreed that:

9.1 To the fullest extent permitted by State law (constitutional or statutory, as amended), Licensee hereby agrees to, defend, indemnify, and hold Licensor harmless from and against any and all liability, loss, claim, suit, damage, charge, cost or expense (including attorneys' fees) (collectively, "Claims and Losses") which Licensor may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensor), and for damage to or loss of or destruction of any property whatsoever, arising out of, resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensor to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensor. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensor.

9.2 Licensee's Contractor shall hereby agree to, defend, indemnify, and hold Licensor harmless from and against any and all Claims and Losses which Licensor may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensor), and for damage to or loss of or destruction of any property whatsoever, arising out of resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensor to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensor. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's Contractor's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensor.

9.3 Use of Licensor's Rail Corridor involves certain risks of loss or damage as a result of the rail operations. Notwithstanding Section 9.1, Licensee expressly assumes all risk of loss and damage to Licensee's Property or the Facilities in, on, over or under the Encroachment, including loss of or any interference with use or service thereof, regardless of cause, including electrical field creation, fire or derailment resulting from rail operations. For this Section, the term "Licensee's Property" shall include property of third parties situated or placed upon Licensor's Rail Corridor by Licensee or by such third parties at request of or for benefit of Licensee.

9.4 To the fullest extent permitted by State law, as above, Licensee assumes all responsibility for, and agrees to defend, indemnify and hold Licensors harmless from any and all Claims and Losses arising from, under or in connection with or as a consequence of: (a) (i) any sudden or nonsudden pollution of air, water, land and/or ground water on or off the Encroachment area, arising from or in connection with the use of the Encroachment or (ii) any leaking, bursting, spilling, or any escape of the material transmitted in or through the Facilities; (b) any federal or state law dealing with either such sudden or nonsudden pollution of air, water, land and/or ground water arising therefrom or the remedy thereof; (c) any subsidence or failure of lateral or subjacent support of the tracks arising from such Facilities leakage; and (d) any drainage or runoff on or off the Encroachment area as a result of the Facilities/Encroachment herein permitted.

9.5 Notwithstanding Section 9.1, Licensee also expressly assumes all risk of loss which in any way may result from Licensee's failure to maintain either required clearances for any overhead Facilities or the required depth and encasement for any underground Facilities, whether or not such loss(es) result(s) in whole or part from Licensors contributory negligence or joint fault.

9.6 Obligations of Licensee hereunder to release, indemnify and hold Licensors harmless shall also extend to companies and other legal entities that control, are controlled by, subsidiaries of, or are affiliated with Licensors, as well as any railroad that operates over the Rail Corridor on which the Encroachment is located, and the officers, employees and agents of each.

9.7 If a claim is made or action is brought against Licensors, and/or its operating lessee, for which Licensee may be responsible hereunder, in whole or in part, Licensee shall be notified to assume the handling or defense of such claim or action; but Licensors may participate in such handling or defense.

9.8 Notwithstanding anything contained in this Agreement, the limitation of liability contained in the state statutes, as amended from time to time, shall not limit Licensors' ability to collect under the insurance policies required to be maintained under this Agreement.

10. INSURANCE:

10.1 Prior to commencement of surveys, installation or occupation of premises pursuant to this Agreement, Licensee shall procure and shall maintain during the continuance of this Agreement, at its sole cost and expense, a policy of

- (i) Statutory Worker's Compensation and Employers Liability Insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00).
- (ii) Commercial General Liability coverage (inclusive of contractual liability) with available limits of not less than FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence (limit may be satisfied through a combination of

both primary and umbrella/excess liability policies) for bodily injury and property damage and covering the contractual liabilities assumed under this Agreement and naming Licensor, and/or its designee, as additional insured. The evidence of insurance coverage shall be endorsed to provide for thirty (30) days' notice to Licensor, or its designee, prior to cancellation or modification of any policy. Mail CGL certificate, along with agreement, to CSX Transportation, Inc., Speed Code J180, 500 Water Street, Jacksonville, FL 32202. On each successive year, send certificate to RenewalCOI@csx.com.

- (iii) Business automobile liability insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00) combined single limit for bodily injury and/or property damage per occurrence naming Licensor, and/or its designee, as additional insured.
- (iv) The insurance policies must contain a waiver of subrogation against CSXT and its parent, subsidiaries and affiliates, except where prohibited by law. All insurance companies must be A. M. Best rated A- and Class VII or better.
- (v) Such other insurance as Licensor may reasonably require.
- (vi) Licensee shall require its contractors to meet minimum insurance requirements above when performing work in relation to this Agreement. Licensee will procure and review contractor's insurance certificates to confirm requirements are met. Licensor may request a copy of the insurance certificate.
- (vii) Licensor's acceptance of any certificate of insurance does not constitute a waiver, release or modification of any of the insurance coverages or endorsements required under this Article 10.

10.2 If Licensee's Contractor's existing CGL policy(ies) do(es) not automatically cover Licensee's contractual liability during periods of survey, installation, maintenance and continued occupation, a specific endorsement adding such coverage shall be purchased by Licensee's Contractor. If said CGL policy is written on a "claims made" basis instead of a "per occurrence" basis, Licensee shall arrange for adequate time for reporting losses. Failure to do so shall be at Licensee's sole risk.

10.3 Licensor, or its designee, may at any time request evidence of insurance purchased by Licensee to comply with this Agreement. Failure of Licensee to comply with Licensor's request shall be considered a default by Licensee.

10.4 To the extent permitted by law and notwithstanding anything to the contrary in this Agreement, the insurance required and provided by Licensee shall not be subject to the limitations of sovereign immunity.

10.5 (A) In the event Licensee finds it necessary to perform construction or demolition operations within fifty feet (50') of any operated railroad track(s) or affecting any

railroad bridge, trestle, tunnel, track(s), roadbed, overpass or underpass, Licensee shall: (a) notify Licenser; and (b) require Licensee's Contractor(s) performing such operations to procure and maintain during the period of construction or demolition operations, at no cost to Licenser, Railroad Protective Liability (RPL) Insurance, naming Licenser, and/or its designee, as Named Insured, written on the current ISO/RIMA Form (ISO Form No. CG 00 35 04 13) with limits of FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence for bodily injury and property damage, with at least TEN MILLION AND 00/100 U.S. DOLLARS (\$10,000,000.00) aggregate limit per annual policy period. The original of such RPL policy shall be sent to and approved by Licenser prior to commencement of such construction or demolition. Licenser reserves the right to demand higher limits.

(B) At Licenser's option, in lieu of purchasing RPL insurance or the 50 foot endorsements from an insurance company (but not CGL insurance), Licensee may pay Licenser, at Licenser's current rate at time of request, the cost of adding this Encroachment, or additional construction and/or demolition activities, to Licenser's Railroad Protective Liability (RPL) Policy for the period of actual construction. This coverage is offered at Licenser's sole discretion and may not be available under all circumstances.

10.6 Notwithstanding the provisions of Sections 10.1 and 10.2, Licensee, pursuant to State Statute(s), may self-insure or self-assume, in any amount(s), any contracted liability arising under this Agreement, under a funded program of self-insurance, which fund will respond to liability of Licensee imposed by and in accordance with the procedures established by law.

11. GRADE CROSSINGS; PROTECTION SERVICES:

11.1 Nothing herein contained shall be construed to permit Licensee or Licensee's Contractor to move any vehicles or equipment over the track(s), except at public road crossing(s), without separate prior written approval of Licenser.

11.2 If Licenser deems it advisable, during any construction, maintenance, repair, renewal, alteration, change or removal of said Facilities, to place watchmen, flagmen, or field construction managers for protection of operations of Licenser or others on Licenser's Rail Corridor at the Encroachment, and to keep persons, equipment or materials away from the track(s), Licenser shall have the right to do so at the expense of Licensee, but Licenser shall not be liable for failure to do so.

11.3 Subject to consent of Licenser, in its sole discretion, and subject to Licenser's operating rules and labor agreements, Licensee may provide flagmen, in place of Licenser's provision, at Licensee's sole risk, cost and expense, and in such event, Licenser shall not be liable for the failure or neglect of such flagmen. Such flagmen shall be approved by Licenser and shall meet all Licenser's requirement for performing such work.

12. LICENSOR'S COSTS:

12.1 Any additional or alternative costs or expenses incurred by Licensors to accommodate Licensee's continued use of Licensors' property as a result of track changes or changes to Licensors' Facilities shall also be paid by Licensee.

12.2 Licensors' expense for wages ("force account" charges) and materials for any work performed at the expense of Licensee pursuant hereto shall be paid by Licensee within thirty (30) days after receipt of Licensors' bill therefor. Licensors may, at its discretion, request an advance deposit for estimated Licensors costs and expenses.

12.3 Such expense shall include cost of railroad labor and supervision under "force account" rules, plus current applicable overhead percentages, the actual cost of materials, and insurance, freight and handling charges on all material used. Equipment rentals shall be in accordance with Licensors' applicable fixed rate. Licensors may, at its discretion, require advance deposits for estimated costs of such expenses and costs.

13. DEFAULT, BREACH, WAIVER:

13.1 The proper and complete performance of each covenant of this Agreement shall be deemed of the essence thereof, and in the event Licensee fails or refuses to fully and completely perform any of said covenants or remedy any breach within thirty (30) days after receiving written notice from Licensors to do so (or within forty-eight (48) hours in the event of notice of a railroad emergency), Licensors shall have the option of immediately revoking this Agreement and the privileges and powers hereby conferred, regardless of encroachment fee(s) having been paid in advance for any annual or other period. Upon such revocation, Licensee shall make removal in accordance with Article 14.

13.2 No waiver by Licensors of its rights as to any breach of covenant or condition herein contained shall be construed as a permanent waiver of such covenant or condition, or any subsequent breach thereof, unless such covenant or condition is permanently waived in writing by Licensors.

13.3 Neither the failure of Licensors to object to any work done, material used, or method of construction or maintenance of said Encroachment, nor any approval given or supervision exercised by Licensors, shall be construed as an admission of liability or responsibility by Licensors, or as a waiver by Licensors of any of the obligations, liability and/or responsibility of Licensee under this Agreement.

14. TERMINATION, REMOVAL:

14.1 All rights which Licensee may have hereunder shall cease upon the date of (a) termination, (b) revocation, or (c) subsequent agreement, or (d) Licensee's removal of the Facility from the Encroachment. However, neither termination nor revocation of this Agreement shall affect any claims and liabilities which have arisen or accrued hereunder, and which at the time of termination or revocation have not been satisfied; neither party, however, waiving any third party defenses or actions.

14.2 Within thirty (30) days after revocation or termination, Licensee, at its sole risk, cost and expense, shall (a) remove the Facilities from the Rail Corridor of Licensor, unless the parties hereto agree otherwise, (b) restore the Rail Corridor of Licensor in a manner satisfactory to Licensor, and (c) reimburse Licensor any loss, cost or expense of Licensor resulting from such removal.

14.3 Notwithstanding the termination, revocation or expiration of this Agreement, and except as otherwise stated in this Agreement, those obligations contained herein that by their terms or nature are intended to survive such termination, revocation or expiration shall do so including the indemnification, Facilities removal, restoration and reimbursement provisions herein.

15. NOTICE:

15.1 Licensee shall give Licensor at least thirty (30) days' written notice before doing any work on Licensor's Rail Corridor, except that in cases of emergency shorter notice may be given. Licensee shall provide proper notification as follows:

a. For non-emergencies, Licensee shall submit online via the CSX Property Portal from Licensor's web site, via web link:
https://propertyportal.csx.com/pub_ps_res/ps_res/jsf/public/index.faces

b. For emergencies, Licensee shall complete all of the steps outlined in Section 15.1 a. above, and shall also include detailed information of the emergency. Licensee shall also call and report details of the emergency to Licensor's Rail Operations Emergency Telephone Number: 1-800-232-0144. In the event Licensor needs to contact Licensee concerning an emergency involving Licensee's Facility(ies), the emergency phone number for Licensee is: 615-487-8872.

15.2 All other notices and communications concerning this Agreement shall be addressed to Licensee at the address above, and to Licensor at the address shown on Page 1, c/o CSXT Contract Management, J180; or at such other address as either party may designate in writing to the other.

15.3 Unless otherwise expressly stated herein, all such notices shall be in writing and sent via Certified or Registered Mail, Return Receipt Requested, or by courier, and shall be considered delivered upon: (a) actual receipt, or (b) date of refusal of such delivery.

16. ASSIGNMENT:

16.1 The rights herein conferred are the privileges of Licensee only, and Licensee shall obtain Licensor's prior written consent to any assignment of Licensee's interest herein (by operation of law or otherwise); said consent shall not be unreasonably withheld. Any assignment of this Agreement by Licensee, by operation of law or otherwise, or any interest herein, without the prior written consent of Licensor, shall be void.

16.2 Subject to Sections 2 and 16.1, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors or assigns.

16.3 Licensee shall give Licenser written notice of any legal succession (by merger, consolidation, reorganization, etc.) or other change of legal existence or status of Licensee, with a copy of all documents attesting to such change or legal succession, within thirty (30) days thereof.

16.4 Licenser expressly reserves the right to assign this Agreement, in whole or in part, to any grantee, lessee, or vendee of Licenser's underlying property interests in the Encroachment, upon written notice thereof to Licensee.

16.5 In the event of any unauthorized sale, transfer, assignment, sublicense or encumbrance of this Agreement, or any of the rights and privileges hereunder, Licenser, at its option, may revoke this Agreement by giving Licensee or any such assignee written notice of such revocation; and Licensee shall reimburse Licenser for any loss, cost or expense Licenser may incur as a result of Licensee's failure to obtain said consent.

17. TITLE:

17.1 Licensee understands that Licenser occupies, uses and possesses lands, rights-of-way and Rail Corridors under all forms and qualities of ownership rights or facts, from full fee simple absolute to bare occupation. Accordingly, nothing in this Agreement shall act as or be deemed to act as any warranty, guaranty or representation of the quality of Licenser's title for any particular Encroachment or segment of Rail Corridor occupied, used or enjoyed in any manner by Licensee under any rights created in this Agreement. It is expressly understood that Licenser does not warrant title to any Rail Corridor and Licensee will accept the grants and privileges contained herein, subject to all lawful outstanding existing liens, mortgages and superior rights in and to the Rail Corridor, and all leases, licenses and easements or other interests previously granted to others therein.

17.2 The term "license," as used herein, shall mean with regard to any portion of the Rail Corridor which is owned by Licenser in fee simple absolute, or where the applicable law of the State where the Encroachment is located otherwise permits Licenser to make such grants to Licensee, a "permission to use" the Rail Corridor, with dominion and control over such portion of the Rail Corridor remaining with Licenser, and no interest in or exclusive right to possess being otherwise granted to Licensee. With regard to any other portion of Rail Corridor occupied, used or controlled by Licenser under any other facts or rights, Licenser merely waives its exclusive right to occupy the Rail Corridor and grants no other rights whatsoever under this Agreement, such waiver continuing only so long as Licenser continues its own occupation, use or control. Licenser does not warrant or guarantee that the license granted hereunder provides Licensee with all of the rights necessary to occupy any portion of the Rail Corridor. Licensee further acknowledges that it does not have the right to occupy any portion of the Rail Corridor held by Licenser in less than fee simple absolute without also receiving the consent of the owner(s) of the fee simple absolute estate. Further, Licensee shall not obtain, exercise or claim any interest in the Rail Corridor that would impair Licenser's existing rights therein.

17.3 Licensee agrees it shall not have nor shall it make, and hereby completely and absolutely waives its right to, any claim against Licensor for damages on account of any deficiencies in title to the Rail Corridor in the event of failure or insufficiency of Licensor's title to any portion thereof arising from Licensee's use or occupancy thereof.

17.4 Licensee agrees to fully and completely indemnify and defend Licensor from and against any and all Claims and Losses arising out of or in connection with claims or litigation for slander of title, overburden of easement, or similar claims arising out of or based upon the Facilities placement, or the presence of the Facilities in, on or along any Encroachment(s), including claims for punitive or special damages; provided that Licensor shall have the right to participate in the defense of any such claim.

17.5 Licensee shall not at any time own or claim any right, title or interest in or to Licensor's property occupied by the Encroachments, nor shall the exercise of this Agreement for any length of time give rise to any right, title or interest in Licensee to said property other than the license herein created.

17.6 Nothing in this Agreement shall be deemed to give, and Licensor hereby expressly waives, any claim of ownership in and to any part of the Facilities.

17.7 Licensee shall not create or permit any mortgage, pledge, security, interest, lien or encumbrances, including tax liens and liens or encumbrances with respect to work performed or equipment furnished in connection with the construction, installation, repair, maintenance or operation of the Facilities in or on any portion of the Encroachment (collectively, "Liens or Encumbrances"), to be established or remain against the Encroachment or any portion thereof or any other Licensor property.

17.8 In the event that any property of Licensor becomes subject to such Liens or Encumbrances, Licensee agrees to pay, discharge or remove the same promptly upon Licensee's receipt of notice that such Liens or Encumbrances have been filed or docketed against the Encroachment or any other property of Licensor; however, Licensee reserves the right to challenge, at its sole expense, the validity and/or enforceability of any such Liens or Encumbrances.

18. APPROVALS:

18.1 Whenever this Agreement requires the prior approval or consent of Licensor, Licensee shall make a timely written request to Licensor therefor; and such approval or consent shall be obtained in writing. Except where this Agreement expressly obligates Licensor not to unreasonably withhold its approval or consent to any of Licensee's actions or requests, Licensor has the absolute right, in its sole and arbitrary discretion, to refuse any request Licensee makes or to withhold its approval of any of Licensee's proposed or effected actions that require Licensor's approval.

18.2 Licensor makes no warranties or guarantees upon which Licensee may rely, and assumes no liability or obligation to Licensee, by providing any waiver, approval, consent,

or suggestion to Licensee in connection with this Agreement, or by reason of any neglect, delay, or denial of any request therefor.

19. GENERAL PROVISIONS:

19.1 This Agreement, and the attachments hereto, contains the entire understanding between the parties hereto, and supersedes all other oral or written agreements and understandings between them, with respect to the subject matter hereof.

19.2 Except as otherwise expressly provided in this Agreement, neither this Agreement, any provision hereof, nor any agreement or provision included herein by reference, shall operate or be construed as being for the benefit of any third person.

19.3 Except as otherwise provided herein, or in any Exhibit, Schedule or other attachment hereto, neither the form of this Agreement, nor any language herein, shall be interpreted or construed in favor of or against either party hereto as the sole drafter thereof.

19.4 This Agreement is executed under current interpretation of applicable Federal, State, County, Municipal or other local statute, ordinance or law(s). However, each separate division (paragraph, clause, item, term, condition, covenant or agreement) herein shall have independent and severable status for the determination of legality, so that if any separate division is determined to be void or unenforceable for any reason, such determination shall have no effect upon the validity or enforceability of each other separate division, or any combination thereof.

19.5 This Agreement shall be construed and governed by the laws of the state in which the Facilities and Encroachment are located. In interpreting this Agreement, the singular shall be read as the plural in each instance as sense shall require. The words "include," "includes" and "including" when used in this Agreement will be interpreted as if they were followed by the words "without limitation."

19.6 If any amount due pursuant to the terms of this Agreement is not paid by the due date, it will be subject to Licensor's standard late charge and will also accrue interest at eighteen percent (18%) per annum, unless limited by local law, and then at the highest rate so permitted.

19.7 Licensee agrees to reimburse Licensor for all reasonable costs (including attorney's fees) incurred by Licensor for collecting any amount due under the Agreement.

19.8 The provisions of this License are considered confidential and may not be disclosed to a third party without the consent of the other party(s), except: (a) as required by statute, regulation or court order, (b) to a parent, affiliate or subsidiary company, (c) to an auditing firm or legal counsel that are agreeable to the confidentiality provisions, or (d) to Lessees of Licensor's land and/or track who are affected by the terms and conditions of this Agreement and will maintain the confidentiality of this Agreement.

19.9 Within thirty (30) days of an overpayment in a cumulative total amount of One Hundred Dollars (\$100.00) or more by Licensee to Licensor, Licensee shall notify Licensor in writing with documentation evidencing such overpayment. Licensor shall refund the actual amount of Licensee's overpayment within one hundred twenty (120) days of Licensor's verification of such overpayment.

19.10 This Agreement may be executed in any number of counterparts, and such counterparts may be exchanged by electronic transmission. Upon execution by the parties hereto, each counterpart shall be deemed an original and together shall constitute one and the same instrument. A fully executed copy of this Agreement by electronic transmission shall be deemed to have the same legal effect as delivery of an original executed copy of this Agreement for all purposes.

19.11 Notwithstanding any other provision in this Agreement to the contrary, Licensor expressly reserves and does not waive any rights it may have under the Interstate Commerce Commission Termination Act of 1995, 49 U.S.C. § 10101, *et seq.*, the Federal Railroad Safety Act, 49 U.S.C. § 20101, *et seq.*, and/or any other federal law governing rail transportation and related operations.

20. CONTRACTOR'S ACCEPTANCE:

20.1 Licensee shall observe and abide by, and shall require Licensee's Contractors to observe and abide by the terms, conditions and provisions set forth in this Agreement. Prior to any commencement of work under this Agreement by Licensee's Contractor, Licensee shall require Licensee's Contractor to execute and deliver to Licensor the Contractor Acceptance form attached hereto as Schedule A to acknowledge Licensee's Contractor's agreement to observe and abide by terms and conditions of the Agreement.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate (each of which shall constitute an original) as of the effective date of this Agreement.

Witness for Licensors:

CSX TRANSPORTATION, INC.

By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee:

**THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY**

By:  _____
994E7D0AE02B458...

Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee to the terms and conditions of this Agreement.

Print/Type Name: Scott Potter

Print/Type Title: Director, Water and Sewerage Services

Tax ID No.: 2-620694743-014-4

Schedule “A”

CONTRACTOR’S ACCEPTANCE

This Amendment is and shall be a part of Agreement No. CSX1037297, and is incorporated therein.

To and for the benefit of CSX TRANSPORTATION, INC. (“Licensor”) and to induce Licensor to permit the undersigned Licensee’s Contractor on or about Licensor’s property for the purposed of performing work in accordance with the Facility Encroachment Agreement dated May 1, 2025, between Licensee and Licensor, Licensee’s Contractor hereby agrees to abide by and perform all applicable terms of the Agreement, including, but not limited to Sections 3, 9, 10 of the Agreement.

Witness for Licensor:

CSX TRANSPORTATION INC.

By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee’s Contractor

LICENSEE’S CONTRACTOR

By: _____
Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee’s Contractor has the authority to do so and to bind the Licensee’s Contractor to the terms and conditions of this Agreement

NAME: _____

TITLE: _____

DATE: _____

CSX1037297

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |
MP 000 175.2103

EXHIBIT A

|
LAT, LONG 36.28943,-86.69082

CSX PROPERTY SERVICES REVIEW

☐ No Exceptions ☒ Exceptions Noted

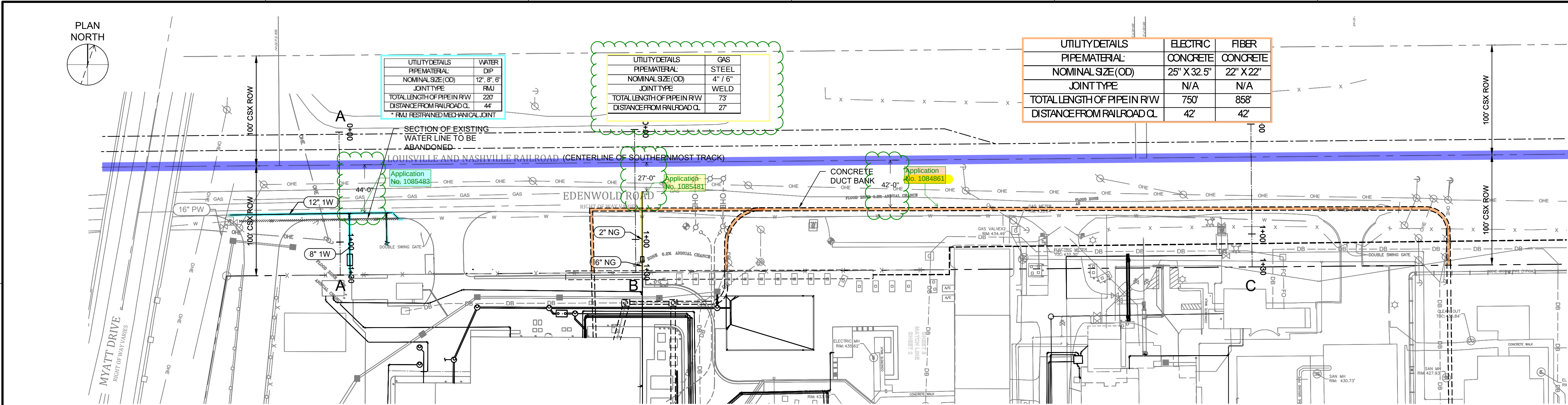
This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.

By: Nensi Patel

CSXT GENERAL NOTES:

1. REFER TO THE CSXT PIPELINE DESIGN & CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. TRENCH EXCAVATIONS SHALL BE OF SUCH DIMENSIONS AS TO PROVIDE AMPLE ROOM FOR CONSTRUCTION. TRENCH WIDTHS SHALL BE AT LEAST 12 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE (6-INCHES EITHER SIDE OF THE PIPE). THE BOTTOMOF THE TRENCH, IN SO FAR AS IS PRACTICAL, SHALL BE EXCAVATED TO PERMIT PROPER PLACEMENT OF THE PIPE. THE EXCAVATION FOR THE PIPELINE SHALL INCLUDE THE REMOVAL OF ANY OBSTRUCTIONS ENCOUNTERED. THE TRENCH SHALL BE EXCAVATED TO A DEPTH AT LEAST 3 INCHES BELOW THE OUTSIDE BOTTOM ELEVATION OF THE PLANNED PIPELINE. WHEN NECESSARY, ALL EXCAVATIONS SHOULD BE DEWATERED PRIOR TO AND DURING INSTALLATION AND BACKFILLING OF THE SYSTEM.
3. COMPACT ALL BACKFILL IN EXCAVATIONS AND TRENCHES TO 95% MAXIMUM DRY DENSITY AS DEFINED IN ASTM STANDARD D1557. USE CLEAN, SUITABLE BACKFILL MATERIAL, INSTALL IN SIX-INCH LIFTS AND COMPACT.
4. BEDDING MATERIAL SHALL BE GRANULAR BACKFILL IDENTICAL TO SUBBALLAST, OR A WELL GRADED CRUSHED STONE OR GRAVEL.
5. WHEN EXCAVATING WORK WILL BE WITHIN CSXT RIGHT-OF-WAY, SHORING PLANS AND OTHER REQUIRED MATERIAL MUST BE SUBMITTED TO CSXT DESIGNEE FOR APPROVAL PRIOR TO ANY CONSTRUCTION. ANY EXCAVATION/HOLE LESS THAN 15' FROM THE CENTERLINE OF NEAREST TRACK MUST BE FILLED OR PROPERLY SHORED PRIOR TO ANY TRAIN PASSING.
6. PIPELINE SHALL BE PROMINENTLY MARKED AT BOTH SIDES OF THE CSXT PROPERTY LINES BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE IN ACCORDANCE WITH CSXT SPECIFICATIONS.
7. ALL PRESSURE PIPELINES INSTALLED BY THE TRENCH METHOD, WITHOUT A CASING, SHAL HAVE A WARNING TAPE PLACED DIRECTLY ABOVE THE PIPELINE, 2 FEET BELOW THE GROUND SURFACE.
8. INSTALL HAND HOLES, SPLICE BOXES, AND MANHOLES PER THE REQUIREMENTS OF CSXT DESIGN & CONSTRUCTION SPECIFICATIONS. INSTALL THEM SO AS NOT TO CREATE A TRIPPING HAZARD OR TO INTERFERE WITH RAILROAD OPERATIONS.
9. NO CONSTRUCTION OR ENTRY UPON THE CSXT CORRIDOR IS PERMITTED UNTIL THE DOCUMENT TRANSACTION IS COMPLETED, YOU ARE IN RECEIPT OF A FULLY EXECUTED DOCUMENT, AND YOU HAVE OBTAINED AUTHORITY FROM THE LOCAL ROADMASTER.
10. IF REQUIRED, A DEWATERING PLAN IN ACCORDANCE WITH CSXT SPECIFICATIONS WILL BE SUBMITTED TO THE CSXT DESIGNEE FOR REVIEW AND APPROVAL PRIOR TO ANY DEWATERING OPERATIONS.
11. BLASTING IS NOT PERMITTED UNDER OR ON CSXT PROPERTY.
12. CSXT DOES NOT GRANT OR CONVEY AN EASEMENT FOR THIS INSTALLATION.
13. ALL PERSONNEL SHALL RECEIVE SAFETY BRIEFINGS BY A CSXT FLAGMAN OR DESIGNATED CSXT DESIGNEE EACH DAY BEFORE BEGINNING WORK ON THE RIGHT OF WAY. ADDITIONAL SAFETY BRIEFINGS MAY BE REQUIRED WHEN CONDITIONS AND/OR WORK SITES ARE CHANGED.
14. AGENCY OR ITS CONTRACTOR SHALL ARRANGE AND CONDUCT ITS WORK SO THAT THERE WILL BE NO INTERFERENCE WITH CSXT OPERATIONS, INCLUDING TRAIN, SIGNAL, TELEPHONE AND TELEGRAPHIC SERVICES, OR DAMAGES TO CSXT'S PROPERTY, OR TO POLES, WIRES, AND OTHER FACILITIES OF TENANTS OF CSXT'S PROPERTY OR RIGHT-OF-WAY.
15. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
16. ALL MATERIAL AND EQUIPMENT WILL BE STAGED TO NOT BLOCK ANY CSXT ACCESS OR MAINTENANCE ROADS. NO HOISTING OR AUXILIARY EQUIPMENT NECESSARY FOR THE PROCEDURE SHALL BE PLACED ON CSXT TRACK STRUCTURE AND / OR BALLAST SECTION. CLEAR WORKING LOCATIONS FOR EQUIPMENT USED WILL BE LAID OUT AND APPROVED BY THE CSXT FLAGGER PRIOR TO EQUIPMENT SET-UP.
17. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL ACTIVE RAILROAD FACILITIES, INCLUDING ELECTRICAL, WATER LINES, SEWER LINES, COMMUNICATION AND SIGNAL LINES AS WELL AS UNDERGROUND PIPING. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL EQUIPMENT AND MATERIAL A MINIMUM OF SIX (6) FEET FROM AFOREMENTIONED ELEVATED COMMUNICATION AND SIGNAL FACILITIES.
18. CONTRACTOR MUST CONDUCT ALL OF ITS WORK IN A SAFE MANNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH RULES, REGULATIONS, PROCEDURES AND SAFE PRACTICES OF CSXT, OSHA, THE FRA AND ALL OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE PROJECT.
19. OWNER SHALL REIMBURSE CSXT DIRECTLY FOR ALL COSTS OF FLAGGING AND INSPECTION SERVICE THAT ARE REQUIRED ON ACCOUNT OF CONSTRUCTION WITHIN CSXT PROPERTY SHOWN IN THE PLANS, OR COVERED BY AN APPROVED PLAN REVISION, SUPPLEMENTAL AGREEMENT OR CHANGE ORDER. INSPECTION SERVICE SHALL NOT RELIEVE CONTRACTOR FROM LIABILITY FOR ITS WORK.
20. OWNER OR CONTRACTOR SHALL GIVE A MINIMUM OF 30 DAYS' ADVANCE NOTICE TO CSXT DESIGNEE FOR ANTICIPATED NEED FOR FLAGGING AND INSPECTION SERVICE. NO WORK SHALL BE UNDERTAKEN UNTIL THE FLAG PERSON(S) AND INSPECTOR(S) IS/ ARE AT THE JOB SITE. IF IT IS NECESSARY FOR CSXT TO ADVERTISE A FLAGGING JOB FOR BID, CSXT SHALL NOT BE LIABLE FOR THE COST OF DELAYS ATTRIBUTABLE TO OBTAINING SUCH SERVICE.
21. THE RIGHT OF WAY SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO BEGINNING THE PROJECT BEFORE FINAL ACCEPTANCE WILL BE PROVIDED. PUNCH LISTS SHALL BE RESPONDED TO PRIOR TO ISSUANCE OF AN ACCEPTANCE MEMORANDUM SIGNED BY THE CSXT DESIGNEE.
22. IDENTIFY HAZARDS AND PUT CONTROLS IN PLACE PRIOR TO START OF EXCAVATION. STAKE OR MARK PIT AS NEEDED FOR DIGGING. ESTABLISH A LAYDOWN AREA ABOVE THE FLOOD ZONE TO PLACE MOTORIZED EQUIPMENT. PLACE SNOW FENCE AROUND PIT 20' BEYOND THE LEADING EDGE OF EXCAVATION. ALL EROSION CONTROL METHODS SHALL BE INSTALLED AND MAINTAINED USING BEST MANAGEMENT PRACTICES AS REQUIRED. APPLY LAYER OF WASHED STONE TO BASE OF EXCAVATION TO ESTABLISH PROPER LINE AND GRADE (6" MIN.).
23. BACKFILL, COVER OR FENCE ALL EXCAVATIONS WHEN UNATTENDED. THE CSXT DESIGNEE WILL APPROVE THE PROTECTION METHOD AND THE TYPE OF FENCING MATERIAL. SET FENCING BACK AT LEAST 3 FEET (91 CENTIMETERS) FROM THE EDGES OF THE EXCAVATION. SET FENCE POSTS SECURELY IN THE GROUND AND INSURE THE FENCING IS SECURELY TIED TO POSTS WITH ZIP TIES OR SOME OTHER TIE WRAP PRODUCT.
24. IF THE EXCAVATION IS 5 FEET OR GREATER IN DEPTH, THE WALLS MAY BE SLOPED AT 1.5 HORIZONTAL TO 1 VERTICAL TO REDUCE THE RISK OF CAVE-INS OR SLIDES. A SAFE MANNER IN WHICH TO ENTER AND EXIT THE EXCAVATION MUST BE ESTABLISHED. THE TOE OF SLOPES IN EXCAVATION SHALL IN NO CASE BE UNDERCUT BY POWER SHOVELS, BULLDOZERS, GRADERS, BLASTING, OR IN ANY MANNER. EXCAVATION SHALL NOT BE MADE IN EXCESS OF THE AUTHORIZED CROSS-SECTION.
25. AVOID THE NEED FOR WORKERS TO BE IN TRENCHES WHENEVER POSSIBLE. FOR EXAMPLE, WHEN TRENCHING IN A CONDUIT SYSTEM, THE PIPE TO BE PLACED SHOULD BE ASSEMBLED ABOVE THE TRENCH AND LOWERED DOWN INTO THE TRENCH. WHEN WORKERS ARE REQUIRED TO GO INTO AN EXCAVATION, SHORING AND CONFINED SPACE REQUIREMENTS WILL GOVERN.
26. PROJECTS THAT GENERATE SOILS FROM CSXT PROPERTY MUST ADHERE TO CSXT'S SOIL MANAGEMENT POLICIES. CSXT REQUIRES SOILS GENERATED FROM ITS PROPERTY TO EITHER BE REUSED ON CSXT PROPERTY OR PROPERLY DISPOSED IN A CSXT APPROVED DISPOSAL FACILITY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING INTO AN APPROVED DISPOSAL FACILITY. CSXT PROHIBITS ANY ENVIRONMENTAL SAMPLING ON ITS PROPERTY UNLESS GRANTED THROUGH AN WRITTEN ENVIRONMENTAL RIGHT-OF-ENTRY OR APPROVED IN WRITING BY THE CSXT ENVIRONMENTAL DEPARTMENT. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON CSXT PROPERTY. A LIST OF CSXT APPROVED LABORATORIES AND/OR DISPOSAL FACILITIES MAY BE OBTAINED FROM THE CSXT MANAGER ENVIRONMENTAL PROGRAMS.
27. CONTRACTOR ALSO HAS THE SOLE RESPONSIBILITY OF ASCERTAINING THAT ALL OTHER UTILITIES HAVE BEEN PROPERLY LOCATED BY COMPLYING WITH THE LOCAL "CALL BEFORE YOU DIG" REGULATION(S). CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR NOTIFYING OWNERS OF ADJACENT PROPERTIES AND OF UNDERGROUND FACILITIES AND UTILITY OWNERS WHEN PROSECUTION OF THE WORK MAY AFFECT THEM, AND SHALL COOPERATE WITH THEM IN THE PROTECTION, REMOVAL, RELOCATION AND REPLACEMENT OF THEIR PROPERTY.
28. CONTRACTOR SHALL CONDUCT "PRE-DIG" MEETING PRIOR TO CONSTRUCTION WORK, WITH ALL SUBCONTRACTORS AND WORKERS TO REVIEW THE LOCATION OF ALL UTILITIES AS MARKED OUT, EXCAVATION PROCEDURES, AND TO CONFIRM THE "ONE CALL" REQUEST. THIS PERMIT IS SUBJECT TO ANY EXISTING UTILITIES THAT MAY BE IN CONFLICT WITH THE DESIGN AND REQUIRES POTHOLING. ALL EXISTING UTILITIES ARE REQUIRED TO BE POTHOLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH CSXT SPECIFICATIONS. HAND EXPOSE LINES TO A POINT OF NO CONFLICT (24 INCHES ON EITHER SIDE OF THE UNDERGROUND INSTALLATION). IF MARKED UTILITY CANNOT BE LOCATED, EXCAVATION MUST NOT PROCEED AND YOU MUST NOTIFY THE ONE CALL NUMBER OR UTILITY COMPANY TO PROVIDE ADDITIONAL INFORMATION TO DETERMINE THE EXACT LOCATION.
29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.



PLAN
SCALE: 1" = 50'

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS. ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED

APPROVED: W. RAINES

FILENAME

C-01-401 RAILROAD.DWG

BC PROJECT NUMBER

157437

CLIENT PROJECT NUMBER
21SC0227

CIVIL

DRY CREEK WRF
CSX ROW
CONSTRUCTION

PLAN

DRAWING NUMBER

1

OF

4

TITLE BLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N

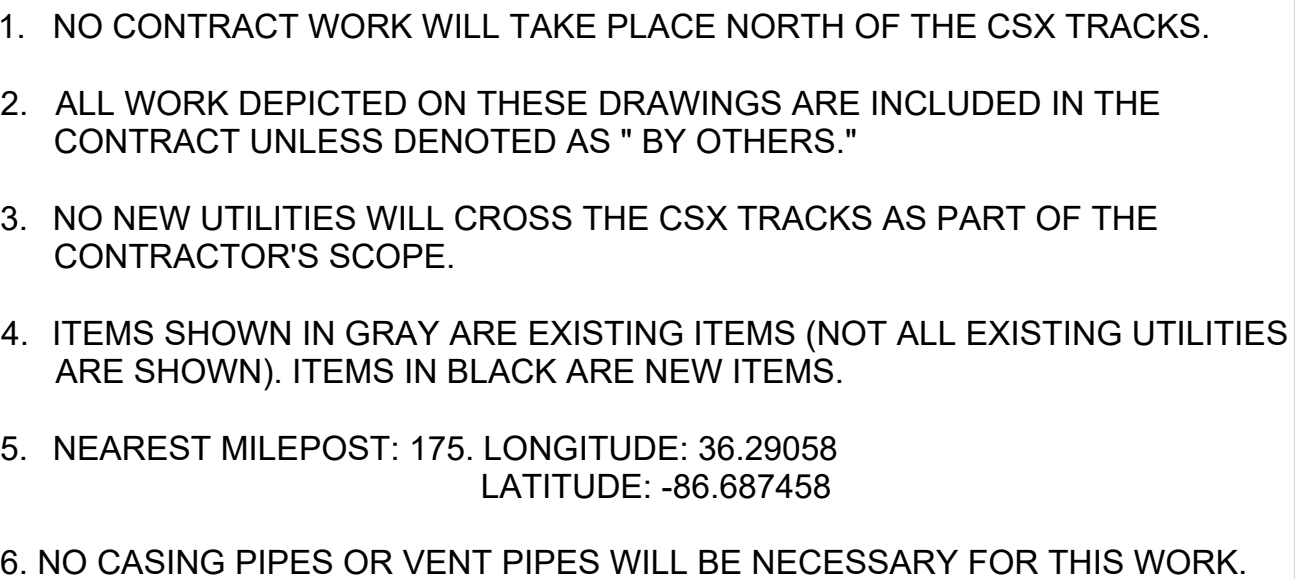
UTILITY DETAILS	WATER	GAS	ELECTRIC	FIBER
PIPE MATERIAL:	DIP	STEEL	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	12", 8", 6"	4" / 6"	25" X 32.5"	22" X 22"
JOINT TYPE	*FMJ	WELD	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	220'	73'	750'	858'
DISTANCE FROM RAILROAD CL	44'	27'	42'	42'

* RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

Provide an explanation on why concrete encasement is necessary and why a casing pipe cannot be provided ?



The concrete encasement must provide a minimum cover of 6 inches of concrete around the pipe. A 6 x 6 - W 2.9 x W 2.9 welded wire fabric shall be placed in the concrete on all sides.

H: 1" = 10'

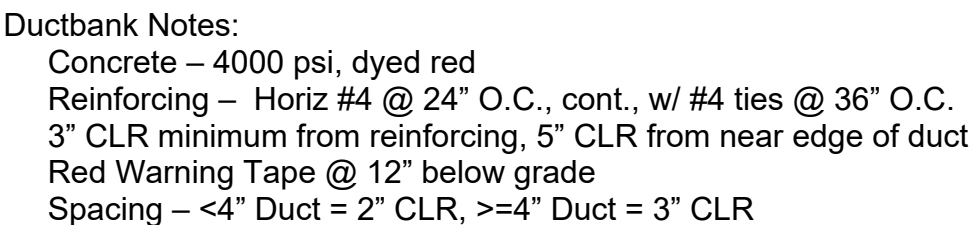
V: 1" = 10'

Pipelines laid longitudinally on CSXT's right-of-way, 50 feet or less from centerline track shall be buried not less than 4 feet from ground surface to top of pipe. Where the pipeline is laid more than 50 feet from centerline of track, the minimum cover shall be at least 3 feet.

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits.
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

UTILITY DETAILS	ELECTRIC	FIBER
PIPE MATERIAL:	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	25" X 32.5"	22" X 22"
JOINT TYPE	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	750'	858'
DISTANCE FROM RAILROAD CL	42'	42'



TITLE BLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



PERMIT DRAWING



DRY CREEK WRF HEADWORKS AND CLASS A BIOSOLIDS IMPROVEMENTS

[illegible]

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED

APPROVED: W. RAINES

FILENAME

1 RAILROAD.DWG

PROJECT NUMBER

157437

PROJECT NUMBER
21SC0327

01/11

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FACILITY ENCROACHMENT AGREEMENT

THIS AGREEMENT, made and effective as of May 29, 2025, by and between CSX TRANSPORTATION, INC., a Virginia corporation, whose mailing address is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Licensor," and THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, a municipal corporation, political subdivision or state agency, under the laws of the State of Tennessee, whose mailing address is 61 Edenwold Road, Madison, Tennessee 37115, hereinafter called "Licensee," WITNESSETH:

WHEREAS, Licensee desires to construct (unless previously constructed and designated as existing herein), use and maintain the below described facility(ies), hereinafter called "Facilities," over, under or across property owned or controlled by Licensor, at the below described location(s):

1. One (1) four inch (4") diameter sub-grade pipeline crossing, solely for the conveyance of natural gas, located at or near Nashville, Davidson County, Tennessee, Nashville Division, Nashville Terminal Subdivision, Milepost 000-175.18, Latitude N36:17:20., Longitude W86:41:18.;

hereinafter, called the "Encroachment," as shown on print(s) labeled Exhibit "A," attached hereto and made a part hereof;

NOW, THEREFORE, in consideration of the mutual covenants, conditions, terms and agreements herein contained, the parties hereto agree and covenant as follows:

1. LICENSE:

1.1 Subject to Article 17, Licensor, insofar as it has the legal right, power and authority to do so, and its present title permits, and subject to:

(A) Licensor's present and future right to occupy, possess and use its property within the area of the Encroachment for any and all purposes, including Licensor's track(s) structure(s), power lines, communication, signal or other wires, train control system, cellular or data towers, or electrical or electronic apparatus, or any appurtenances thereto ("Licensor's Facilities") and any other facilities as now exist or which may in the future be located in, upon, over, under or across the property;

(B) All encumbrances, conditions, covenants, easements, and limitations applicable to Licensor's title to or rights in the subject property; and

(C) Compliance by Licensee and its employees, agents and contractors ("Licensee's Contractor") with the terms and conditions herein contained;

does hereby grant a non-exclusive license to Licensee for the Encroachment for the sole purpose of permitting Licensee to construct, maintain, repair, renew, operate, use, alter or change the

Facilities at the Encroachment above for the term herein stated, and to remove same upon termination.

1.2 The term Facilities, as used herein, shall include only those structures and ancillary facilities devoted exclusively to the transmission usage above within the Encroachment, and as shown on attached Exhibit A.

1.3 No additional structures or other facilities shall be placed, allowed, or maintained by Licensee in, upon or on the Encroachment except upon prior separate written consent of Licensors.

2. ENCROACHMENT FEE; TERM:

2.1 Licensee shall pay Licensors a one-time nonrefundable Encroachment Fee of THIRTEEN THOUSAND FIVE HUNDRED AND 00/100 U.S. DOLLARS (\$13,500.00) upon execution of this Agreement. Licensee agrees that the Encroachment Fee applies only to the original Licensee under this Agreement. In the event of a successor (by merger, consolidation, reorganization and/or assignment) or if the original Licensee changes its name, then Licensee shall be subject to payment of Licensors' current administrative and document preparation fees for the cost incurred by Licensors in preparing and maintaining this Agreement on a current basis.

2.2 However, Licensee assumes sole responsibility for, and shall pay directly (or reimburse Licensors), any additional annual taxes and/or periodic assessments levied against Licensors or Licensors' property solely on account of said Facilities or Encroachment.

2.3 This Agreement shall terminate as herein provided, but shall also terminate upon: (a) Licensee's cessation of use of the Facilities or Encroachment for the purpose(s) above; (b) removal of the Facilities; (c) subsequent mutual written consent; and/or (d) failure of Licensee to complete installation within five (5) years from the effective date of this Agreement.

2.4 In further consideration for the license or right hereby granted, Licensee hereby agrees that Licensors shall not be charged or assessed, directly or indirectly, with any part of the cost of the installation of said Facilities and appurtenances, and/or maintenance thereof, or for any public works project of which said Facilities is a part. Licensee agrees it shall not assess Licensors any stormwater or drainage fee associated with such Facilities. Furthermore, Licensee shall be responsible for any stormwater or drainage fees assessed by any County or State agency managing such systems.

3. CONSTRUCTION, MAINTENANCE AND REPAIRS:

3.1 Licensee shall construct, maintain, relocate, repair, renew, alter, and/or remove the Facilities, in a prudent, workmanlike manner, using quality materials and complying with any applicable standard(s) or regulation(s) of Licensors (CSXT Specifications), or Licensee's particular industry, National Electrical Safety Code, or any governmental or regulatory body having jurisdiction over the Encroachment.

3.2 Location and construction of Facilities shall be made strictly in accordance with design(s) and specifications furnished to and approved by Licensor and of material(s) and size(s) appropriate for the purpose(s) above recited.

3.3 All of Licensee's work, and exercise of rights hereunder, shall be undertaken at time(s) satisfactory to Licensor, and so as to eliminate or minimize any impact on or interference with the safe use and operation of Licensor's property and appurtenances thereto.

3.4 In the installation, maintenance, repair and/or removal of said Facilities, Licensee shall not use explosives on or adjacent to Licensor's property of any type or perform or cause any blasting on or adjacent to Licensor's property without the separate express prior written consent of Licensor. As a condition to such consent, a representative will be assigned by Licensor to monitor blasting, and Licensee shall reimburse Licensor for the entire cost and/or expense of furnishing said monitor.

3.5 Any repairs or maintenance to the Facilities, whether resulting from acts of Licensee, or natural or weather events, which are necessary to protect or facilitate Licensor's use of its property, shall be made by Licensee promptly, but in no event later than thirty (30) days after Licensee has notice as to the need for such repairs or maintenance.

3.6 Licensor, in order to protect or safeguard its property, rail operations, equipment and/or employees from damage or injury, may request immediate repair or renewal of the Facilities, and if the same is not performed, may make or contract to make such repairs or renewals, at the sole risk, cost and expense of Licensee.

3.7 All work on the Encroachment shall be conducted in accordance with Licensor's safety rules and regulations.

3.8 Licensee hereby agrees to reimburse Licensor any loss, cost or expense (including losses resulting from train delays and/or inability to meet train schedules) arising from any failure of Licensee to make repairs or conduct maintenance as required by Section 3.5 above or from improper or incomplete repairs or maintenance to the Facilities or Encroachment.

3.9 In the event it becomes necessary for the Licensee to deviate from the approved Exhibit A, Licensee shall seek prior approval from Licensor, or when applicable, an official field representative of Licensor permitted to approve changes, authorizing the necessary field changes and Licensee shall provide Licensor with complete As-Built Drawings of the completed work. As-Built Drawings shall be submitted to Licensor in either electronic or hard copy form upon the substantial completion of the project and upon Licensor's request.

3.10 In the event of large scale maintenance/construction work to railroad bridges Licensee is required to protect power lines with insulated covers or comparable safety devices at their costs during construction/maintenance for safety of railroad employees.

4. PERMITS, LICENSES:

4.1 Before any work hereunder is performed, or before use of the Encroachment for the contracted purpose, Licensee, at its sole cost and expense, shall obtain all necessary permit(s) (including zoning, building, construction, health, safety or environmental matters), letter(s) or certificate(s) of approval. Licensee expressly agrees and warrants that it shall conform and limit its activities to the terms of such permit(s), approval(s) and authorization(s), and shall comply with all applicable ordinances, rules, regulations, requirements and laws of any governmental authority (State, Federal or Local) having jurisdiction over Licensee's activities, including the location, contact, excavation and protection regulations of the Occupational Safety and Health Act (OSHA) (29 CFR 1926.651(b)), et al., and State "One Call" - "Call Before You Dig" requirements.

4.2 Licensee assumes sole responsibility for failure to obtain such permit(s) or approval(s), for any violations thereof, and for costs or expenses of compliance or remedy.

4.3 Licensee's Facilities, covered under this Agreement, are to be placed/attached on/to existing facility(ies) owned by Nashville Gas Company, covered by Agreement No. LN 054224. Licensee warrants it has obtained all necessary permission(s) and permit(s) from Nashville Gas Company for said placement/attachment.

5. MARKING AND SUPPORT:

5.1 With respect to any subsurface installation or maintenance upon Licensor's property, Licensee, at its sole cost and expense, shall:

- (A) support track(s) and roadbed in a manner satisfactory to Licensor;
- (B) backfill with satisfactory material and thoroughly tamp all trenches to prevent settling of surface of land and roadbed of Licensor in a manner satisfactory to Licensor; and
- (C) either remove any surplus earth or material from Licensor's property or cause said surplus earth or material to be placed and distributed at location(s) and in such manner Licensor may approve.

5.2 After construction or maintenance of the Facilities, Licensee shall:

- (A) Restore any track(s), roadbed and other disturbed property in a manner satisfactory to Licensor; and
- (B) Erect, maintain and periodically verify the accuracy of aboveground markers, in a form approved by Licensor, indicating the location, depth and ownership of any underground Facilities or related facilities.

5.3 Licensee shall be solely responsible for any subsidence or failure of lateral or subjacent support in the Encroachment area for a period of three (3) years after completion of installation.

6. TRACK CHANGES:

6.1 In the event that rail operations and/or track maintenance result in changes in grade or alignment of, additions to, or relocation of track(s) or other facilities, or in the event future use of Licensor's rail corridor ("Rail Corridor") or property necessitate any change of location, height or depth in the Facilities or Encroachment, Licensee, at its sole cost and expense and within thirty (30) days after notice in writing from Licensor, shall make changes in the Facilities or Encroachment to accommodate such track(s) or operations.

6.2 If Licensee fails to do so, Licensor may make or contract to make such changes at Licensee's sole risk, cost and expense.

7. FACILITY CHANGES:

7.1 Licensee shall periodically monitor and verify the depth or height of the Facilities or Encroachment in relation to the existing tracks and facilities, and shall relocate the Facilities or change the Encroachment, at Licensee's expense, should such relocation or change be necessary to comply with the minimum clearance requirements of Licensor.

7.2 If Licensee undertakes to revise, renew, relocate or change in any manner whatsoever all or any part of the Facilities (including any change in voltage or gauge of wire or any change in circumference, diameter or radius of pipe or change in materials transmitted in and through said pipe), or is required by any public agency or court order to do so, plans therefor shall be submitted to Licensor for approval before such change. After approval, the terms and conditions of this Agreement shall apply thereto.

8. INTERFERENCE WITH RAIL FACILITIES:

8.1 Although the Facilities/Encroachment herein permitted may not presently interfere with Licensor's Facilities, in the event that the operation, existence or maintenance of said Facilities, in the sole judgment of Licensor, causes: (a) interference (including physical or interference from an electromagnetic induction, or interference from stray or other currents) with Licensor's power lines, communication, signal or other wires, train control system, or electrical or electronic apparatus; or (b) interference in any manner, with the operation, maintenance or use of Licensor's Facilities; then and in either event, Licensee, upon receipt of written notice from Licensor of any such interference, and at Licensee's sole risk, cost and expense, shall promptly make such changes in its Facilities or installation, as may be required in the reasonable judgment of the Licensor to eliminate all such interference. Upon Licensee's failure to remedy or change, Licensor may do so or contract to do so at Licensee's sole risk, cost and expense.

8.2 Without assuming any duty hereunder to inspect the Facilities, Licensor hereby reserves the right to inspect same and to require Licensee to undertake repairs, maintenance or adjustments to the Facilities, which Licensee hereby agrees to make promptly, at Licensee's sole cost and expense.

9. RISK, LIABILITY, INDEMNITY:

With respect to the relative risk and liabilities of the parties, it is hereby agreed that:

9.1 To the fullest extent permitted by State law (constitutional or statutory, as amended), Licensee hereby agrees to, defend, indemnify, and hold Licensors harmless from and against any and all liability, loss, claim, suit, damage, charge, cost or expense (including attorneys' fees) (collectively, "Claims and Losses") which Licensors may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensors), and for damage to or loss of or destruction of any property whatsoever, arising out of, resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensors to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensors. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensors.

9.2 Licensee's Contractor shall hereby agree to, defend, indemnify, and hold Licensors harmless from and against any and all Claims and Losses which Licensors may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensors), and for damage to or loss of or destruction of any property whatsoever, arising out of resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensors to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensors. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's Contractor's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensors.

9.3 Use of Licensors's Rail Corridor involves certain risks of loss or damage as a result of the rail operations. Notwithstanding Section 9.1, Licensee expressly assumes all risk of loss and damage to Licensee's Property or the Facilities in, on, over or under the Encroachment, including loss of or any interference with use or service thereof, regardless of cause, including electrical field creation, fire or derailment resulting from rail operations. For this Section, the term "Licensee's Property" shall include property of third parties situated or placed upon Licensors's Rail Corridor by Licensee or by such third parties at request of or for benefit of Licensee.

9.4 To the fullest extent permitted by State law, as above, Licensee assumes all responsibility for, and agrees to defend, indemnify and hold Licensors harmless from any and all

Claims and Losses arising from, under or in connection with or as a consequence of: (a) (i) any sudden or nonsudden pollution of air, water, land and/or ground water on or off the Encroachment area, arising from or in connection with the use of the Encroachment or (ii) any leaking, bursting, spilling, or any escape of the material transmitted in or through the Facilities; (b) any federal or state law dealing with either such sudden or nonsudden pollution of air, water, land and/or ground water arising therefrom or the remedy thereof; (c) any subsidence or failure of lateral or subjacent support of the tracks arising from such Facilities leakage; and (d) any drainage or runoff on or off the Encroachment area as a result of the Facilities/Encroachment herein permitted.

9.5 Notwithstanding Section 9.1, Licensee also expressly assumes all risk of loss which in any way may result from Licensee's failure to maintain either required clearances for any overhead Facilities or the required depth and encasement for any underground Facilities, whether or not such loss(es) result(s) in whole or part from Licensor's contributory negligence or joint fault.

9.6 Obligations of Licensee hereunder to release, indemnify and hold Licensor harmless shall also extend to companies and other legal entities that control, are controlled by, subsidiaries of, or are affiliated with Licensor, as well as any railroad that operates over the Rail Corridor on which the Encroachment is located, and the officers, employees and agents of each.

9.7 If a claim is made or action is brought against Licensor, and/or its operating lessee, for which Licensee may be responsible hereunder, in whole or in part, Licensee shall be notified to assume the handling or defense of such claim or action; but Licensor may participate in such handling or defense.

9.8 Notwithstanding anything contained in this Agreement, the limitation of liability contained in the state statutes, as amended from time to time, shall not limit Licensor's ability to collect under the insurance policies required to be maintained under this Agreement.

10. INSURANCE:

10.1 Prior to commencement of surveys, installation or occupation of premises pursuant to this Agreement, Licensee shall procure and shall maintain during the continuance of this Agreement, at its sole cost and expense, a policy of

- (i) Statutory Worker's Compensation and Employers Liability Insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00).
- (ii) Commercial General Liability coverage (inclusive of contractual liability) with available limits of not less than FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence (limit may be satisfied through a combination of both primary and umbrella/excess liability policies) for bodily injury and property damage and covering the contractual liabilities assumed under this Agreement and naming Licensor, and/or its designee, as additional insured. The evidence of

insurance coverage shall be endorsed to provide for thirty (30) days' notice to Licensors, or its designee, prior to cancellation or modification of any policy. Mail CGL certificate, along with agreement, to CSX Transportation, Inc., Speed Code J180, 500 Water Street, Jacksonville, FL 32202. On each successive year, send certificate to RenewalCOI@csx.com.

- (iii) Business automobile liability insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00) combined single limit for bodily injury and/or property damage per occurrence naming Licensors, and/or its designee, as additional insured.
- (iv) The insurance policies must contain a waiver of subrogation against CSXT and its parent, subsidiaries and affiliates, except where prohibited by law. All insurance companies must be A. M. Best rated A- and Class VII or better.
- (v) Such other insurance as Licensors may reasonably require.
- (vi) Licensee shall require its contractors to meet minimum insurance requirements above when performing work in relation to this Agreement. Licensee will procure and review contractor's insurance certificates to confirm requirements are met. Licensors may request a copy of the insurance certificate.
- (vii) Licensors' acceptance of any certificate of insurance does not constitute a waiver, release or modification of any of the insurance coverages or endorsements required under this Article 10.

10.2 If Licensee's Contractor's existing CGL policy(ies) do(es) not automatically cover Licensee's contractual liability during periods of survey, installation, maintenance and continued occupation, a specific endorsement adding such coverage shall be purchased by Licensee's Contractor. If said CGL policy is written on a "claims made" basis instead of a "per occurrence" basis, Licensee shall arrange for adequate time for reporting losses. Failure to do so shall be at Licensee's sole risk.

10.3 Licensors, or its designee, may at any time request evidence of insurance purchased by Licensee to comply with this Agreement. Failure of Licensee to comply with Licensors' request shall be considered a default by Licensee.

10.4 To the extent permitted by law and notwithstanding anything to the contrary in this Agreement, the insurance required and provided by Licensee shall not be subject to the limitations of sovereign immunity.

10.5 (A) In the event Licensee finds it necessary to perform construction or demolition operations within fifty feet (50') of any operated railroad track(s) or affecting any railroad bridge, trestle, tunnel, track(s), roadbed, overpass or underpass, Licensee shall: (a) notify Licensors; and (b) require Licensee's Contractor(s) performing such operations to procure and maintain during the period of construction or demolition operations, at no cost to Licensors,

Railroad Protective Liability (RPL) Insurance, naming Licensor, and/or its designee, as Named Insured, written on the current ISO/RIMA Form (ISO Form No. CG 00 35 04 13) with limits of FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence for bodily injury and property damage, with at least TEN MILLION AND 00/100 U.S. DOLLARS (\$10,000,000.00) aggregate limit per annual policy period. The original of such RPL policy shall be sent to and approved by Licensor prior to commencement of such construction or demolition. Licensor reserves the right to demand higher limits.

(B) At Licensor's option, in lieu of purchasing RPL insurance or the 50 foot endorsements from an insurance company (but not CGL insurance), Licensee may pay Licensor, at Licensor's current rate at time of request, the cost of adding this Encroachment, or additional construction and/or demolition activities, to Licensor's Railroad Protective Liability (RPL) Policy for the period of actual construction. This coverage is offered at Licensor's sole discretion and may not be available under all circumstances.

10.6 Notwithstanding the provisions of Sections 10.1 and 10.2, Licensee, pursuant to State Statute(s), may self-insure or self-assume, in any amount(s), any contracted liability arising under this Agreement, under a funded program of self-insurance, which fund will respond to liability of Licensee imposed by and in accordance with the procedures established by law.

11. GRADE CROSSINGS; PROTECTION SERVICES:

11.1 Nothing herein contained shall be construed to permit Licensee or Licensee's Contractor to move any vehicles or equipment over the track(s), except at public road crossing(s), without separate prior written approval of Licensor.

11.2 If Licensor deems it advisable, during any construction, maintenance, repair, renewal, alteration, change or removal of said Facilities, to place watchmen, flagmen, or field construction managers for protection of operations of Licensor or others on Licensor's Rail Corridor at the Encroachment, and to keep persons, equipment or materials away from the track(s), Licensor shall have the right to do so at the expense of Licensee, but Licensor shall not be liable for failure to do so.

11.3 Subject to consent of Licensor, in its sole discretion, and subject to Licensor's operating rules and labor agreements, Licensee may provide flagmen, in place of Licensor's provision, at Licensee's sole risk, cost and expense, and in such event, Licensor shall not be liable for the failure or neglect of such flagmen. Such flagmen shall be approved by Licensor and shall meet all Licensor's requirement for performing such work.

12. LICENSOR'S COSTS:

12.1 Any additional or alternative costs or expenses incurred by Licensor to accommodate Licensee's continued use of Licensor's property as a result of track changes or changes to Licensor's Facilities shall also be paid by Licensee.

12.2 Licensor's expense for wages ("force account" charges) and materials for any work performed at the expense of Licensee pursuant hereto shall be paid by Licensee within thirty (30) days after receipt of Licensor's bill therefor. Licensor may, at its discretion, request an advance deposit for estimated Licensor costs and expenses.

12.3 Such expense shall include cost of railroad labor and supervision under "force account" rules, plus current applicable overhead percentages, the actual cost of materials, and insurance, freight and handling charges on all material used. Equipment rentals shall be in accordance with Licensor's applicable fixed rate. Licensor may, at its discretion, require advance deposits for estimated costs of such expenses and costs.

13. DEFAULT, BREACH, WAIVER:

13.1 The proper and complete performance of each covenant of this Agreement shall be deemed of the essence thereof, and in the event Licensee fails or refuses to fully and completely perform any of said covenants or remedy any breach within thirty (30) days after receiving written notice from Licensor to do so (or within forty-eight (48) hours in the event of notice of a railroad emergency), Licensor shall have the option of immediately revoking this Agreement and the privileges and powers hereby conferred, regardless of encroachment fee(s) having been paid in advance for any annual or other period. Upon such revocation, Licensee shall make removal in accordance with Article 14.

13.2 No waiver by Licensor of its rights as to any breach of covenant or condition herein contained shall be construed as a permanent waiver of such covenant or condition, or any subsequent breach thereof, unless such covenant or condition is permanently waived in writing by Licensor.

13.3 Neither the failure of Licensor to object to any work done, material used, or method of construction or maintenance of said Encroachment, nor any approval given or supervision exercised by Licensor, shall be construed as an admission of liability or responsibility by Licensor, or as a waiver by Licensor of any of the obligations, liability and/or responsibility of Licensee under this Agreement.

14. TERMINATION, REMOVAL:

14.1 All rights which Licensee may have hereunder shall cease upon the date of (a) termination, (b) revocation, or (c) subsequent agreement, or (d) Licensee's removal of the Facility from the Encroachment. However, neither termination nor revocation of this Agreement shall affect any claims and liabilities which have arisen or accrued hereunder, and which at the time of termination or revocation have not been satisfied; neither party, however, waiving any third party defenses or actions.

14.2 Within thirty (30) days after revocation or termination, Licensee, at its sole risk, cost and expense, shall (a) remove the Facilities from the Rail Corridor of Licensor, unless the parties hereto agree otherwise, (b) restore the Rail Corridor of Licensor in a manner

satisfactory to Licensor, and (c) reimburse Licensor any loss, cost or expense of Licensor resulting from such removal.

14.3 Notwithstanding the termination, revocation or expiration of this Agreement, and except as otherwise stated in this Agreement, those obligations contained herein that by their terms or nature are intended to survive such termination, revocation or expiration shall do so including the indemnification, Facilities removal, restoration and reimbursement provisions herein.

15. NOTICE:

15.1 Licensee shall give Licensor at least thirty (30) days' written notice before doing any work on Licensor's Rail Corridor, except that in cases of emergency shorter notice may be given. Licensee shall provide proper notification as follows:

a. For non-emergencies, Licensee shall submit online via the CSX Property Portal from Licensor's web site, via web link:
https://propertyportal.csx.com/pub_ps_res/ps_res/jsf/public/index.faces

b. For emergencies, Licensee shall complete all of the steps outlined in Section 15.1 a. above, and shall also include detailed information of the emergency. Licensee shall also call and report details of the emergency to Licensor's Rail Operations Emergency Telephone Number: 1-800-232-0144. In the event Licensor needs to contact Licensee concerning an emergency involving Licensee's Facility(ies), the emergency phone number for Licensee is: 615-487-8872.

15.2 All other notices and communications concerning this Agreement shall be addressed to Licensee at the address above, and to Licensor at the address shown on Page 1, c/o CSXT Contract Management, J180; or at such other address as either party may designate in writing to the other.

15.3 Unless otherwise expressly stated herein, all such notices shall be in writing and sent via Certified or Registered Mail, Return Receipt Requested, or by courier, and shall be considered delivered upon: (a) actual receipt, or (b) date of refusal of such delivery.

16. ASSIGNMENT:

16.1 The rights herein conferred are the privileges of Licensee only, and Licensee shall obtain Licensor's prior written consent to any assignment of Licensee's interest herein (by operation of law or otherwise); said consent shall not be unreasonably withheld. Any assignment of this Agreement by Licensee, by operation of law or otherwise, or any interest herein, without the prior written consent of Licensor, shall be void.

16.2 Subject to Sections 2 and 16.1, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors or assigns.

16.3 Licensee shall give Licensor written notice of any legal succession (by merger, consolidation, reorganization, etc.) or other change of legal existence or status of Licensee, with a copy of all documents attesting to such change or legal succession, within thirty (30) days thereof.

16.4 Licensor expressly reserves the right to assign this Agreement, in whole or in part, to any grantee, lessee, or vendee of Licensor's underlying property interests in the Encroachment, upon written notice thereof to Licensee.

16.5 In the event of any unauthorized sale, transfer, assignment, sublicense or encumbrance of this Agreement, or any of the rights and privileges hereunder, Licensor, at its option, may revoke this Agreement by giving Licensee or any such assignee written notice of such revocation; and Licensee shall reimburse Licensor for any loss, cost or expense Licensor may incur as a result of Licensee's failure to obtain said consent.

17. TITLE:

17.1 Licensee understands that Licensor occupies, uses and possesses lands, rights-of-way and Rail Corridors under all forms and qualities of ownership rights or facts, from full fee simple absolute to bare occupation. Accordingly, nothing in this Agreement shall act as or be deemed to act as any warranty, guaranty or representation of the quality of Licensor's title for any particular Encroachment or segment of Rail Corridor occupied, used or enjoyed in any manner by Licensee under any rights created in this Agreement. It is expressly understood that Licensor does not warrant title to any Rail Corridor and Licensee will accept the grants and privileges contained herein, subject to all lawful outstanding existing liens, mortgages and superior rights in and to the Rail Corridor, and all leases, licenses and easements or other interests previously granted to others therein.

17.2 The term "license," as used herein, shall mean with regard to any portion of the Rail Corridor which is owned by Licensor in fee simple absolute, or where the applicable law of the State where the Encroachment is located otherwise permits Licensor to make such grants to Licensee, a "permission to use" the Rail Corridor, with dominion and control over such portion of the Rail Corridor remaining with Licensor, and no interest in or exclusive right to possess being otherwise granted to Licensee. With regard to any other portion of Rail Corridor occupied, used or controlled by Licensor under any other facts or rights, Licensor merely waives its exclusive right to occupy the Rail Corridor and grants no other rights whatsoever under this Agreement, such waiver continuing only so long as Licensor continues its own occupation, use or control. Licensor does not warrant or guarantee that the license granted hereunder provides Licensee with all of the rights necessary to occupy any portion of the Rail Corridor. Licensee further acknowledges that it does not have the right to occupy any portion of the Rail Corridor held by Licensor in less than fee simple absolute without also receiving the consent of the owner(s) of the fee simple absolute estate. Further, Licensee shall not obtain, exercise or claim any interest in the Rail Corridor that would impair Licensor's existing rights therein.

17.3 Licensee agrees it shall not have nor shall it make, and hereby completely and absolutely waives its right to, any claim against Licensor for damages on account of any

deficiencies in title to the Rail Corridor in the event of failure or insufficiency of Licensor's title to any portion thereof arising from Licensee's use or occupancy thereof.

17.4 Licensee agrees to fully and completely indemnify and defend Licensor from and against any and all Claims and Losses arising out of or in connection with claims or litigation for slander of title, overburden of easement, or similar claims arising out of or based upon the Facilities placement, or the presence of the Facilities in, on or along any Encroachment(s), including claims for punitive or special damages; provided that Licensor shall have the right to participate in the defense of any such claim.

17.5 Licensee shall not at any time own or claim any right, title or interest in or to Licensor's property occupied by the Encroachments, nor shall the exercise of this Agreement for any length of time give rise to any right, title or interest in Licensee to said property other than the license herein created.

17.6 Nothing in this Agreement shall be deemed to give, and Licensor hereby expressly waives, any claim of ownership in and to any part of the Facilities.

17.7 Licensee shall not create or permit any mortgage, pledge, security, interest, lien or encumbrances, including tax liens and liens or encumbrances with respect to work performed or equipment furnished in connection with the construction, installation, repair, maintenance or operation of the Facilities in or on any portion of the Encroachment (collectively, "Liens or Encumbrances"), to be established or remain against the Encroachment or any portion thereof or any other Licensor property.

17.8 In the event that any property of Licensor becomes subject to such Liens or Encumbrances, Licensee agrees to pay, discharge or remove the same promptly upon Licensee's receipt of notice that such Liens or Encumbrances have been filed or docketed against the Encroachment or any other property of Licensor; however, Licensee reserves the right to challenge, at its sole expense, the validity and/or enforceability of any such Liens or Encumbrances.

18. APPROVALS:

18.1 Whenever this Agreement requires the prior approval or consent of Licensor, Licensee shall make a timely written request to Licensor therefor; and such approval or consent shall be obtained in writing. Except where this Agreement expressly obligates Licensor not to unreasonably withhold its approval or consent to any of Licensee's actions or requests, Licensor has the absolute right, in its sole and arbitrary discretion, to refuse any request Licensee makes or to withhold its approval of any of Licensee's proposed or effected actions that require Licensor's approval.

18.2 Licensor makes no warranties or guarantees upon which Licensee may rely, and assumes no liability or obligation to Licensee, by providing any waiver, approval, consent, or suggestion to Licensee in connection with this Agreement, or by reason of any neglect, delay, or denial of any request therefor.

19. GENERAL PROVISIONS:

19.1 This Agreement, and the attachments hereto, contains the entire understanding between the parties hereto, and supersedes all other oral or written agreements and understandings between them, with respect to the subject matter hereof.

19.2 Except as otherwise expressly provided in this Agreement, neither this Agreement, any provision hereof, nor any agreement or provision included herein by reference, shall operate or be construed as being for the benefit of any third person.

19.3 Except as otherwise provided herein, or in any Exhibit, Schedule or other attachment hereto, neither the form of this Agreement, nor any language herein, shall be interpreted or construed in favor of or against either party hereto as the sole drafter thereof.

19.4 This Agreement is executed under current interpretation of applicable Federal, State, County, Municipal or other local statute, ordinance or law(s). However, each separate division (paragraph, clause, item, term, condition, covenant or agreement) herein shall have independent and severable status for the determination of legality, so that if any separate division is determined to be void or unenforceable for any reason, such determination shall have no effect upon the validity or enforceability of each other separate division, or any combination thereof.

19.5 This Agreement shall be construed and governed by the laws of the state in which the Facilities and Encroachment are located. In interpreting this Agreement, the singular shall be read as the plural in each instance as sense shall require. The words "include," "includes" and "including" when used in this Agreement will be interpreted as if they were followed by the words "without limitation."

19.6 If any amount due pursuant to the terms of this Agreement is not paid by the due date, it will be subject to Licensor's standard late charge and will also accrue interest at eighteen percent (18%) per annum, unless limited by local law, and then at the highest rate so permitted.

19.7 Licensee agrees to reimburse Licensor for all reasonable costs (including attorney's fees) incurred by Licensor for collecting any amount due under the Agreement.

19.8 The provisions of this License are considered confidential and may not be disclosed to a third party without the consent of the other party(s), except: (a) as required by statute, regulation or court order, (b) to a parent, affiliate or subsidiary company, (c) to an auditing firm or legal counsel that are agreeable to the confidentiality provisions, or (d) to Lessees of Licensor's land and/or track who are affected by the terms and conditions of this Agreement and will maintain the confidentiality of this Agreement.

19.9 Within thirty (30) days of an overpayment in a cumulative total amount of One Hundred Dollars (\$100.00) or more by Licensee to Licensor, Licensee shall notify Licensor

in writing with documentation evidencing such overpayment. Licensor shall refund the actual amount of Licensee's overpayment within one hundred twenty (120) days of Licensor's verification of such overpayment.

19.10 This Agreement may be executed in any number of counterparts, and such counterparts may be exchanged by electronic transmission. Upon execution by the parties hereto, each counterpart shall be deemed an original and together shall constitute one and the same instrument. A fully executed copy of this Agreement by electronic transmission shall be deemed to have the same legal effect as delivery of an original executed copy of this Agreement for all purposes.

19.11 Notwithstanding any other provision in this Agreement to the contrary, Licensor expressly reserves and does not waive any rights it may have under the Interstate Commerce Commission Termination Act of 1995, 49 U.S.C. § 10101, *et seq.*, the Federal Railroad Safety Act, 49 U.S.C. § 20101, *et seq.*, and/or any other federal law governing rail transportation and related operations.

20. CONTRACTOR'S ACCEPTANCE:

20.1 Licensee shall observe and abide by, and shall require Licensee's Contractors to observe and abide by the terms, conditions and provisions set forth in this Agreement. Prior to any commencement of work under this Agreement by Licensee's Contractor, Licensee shall require Licensee's Contractor to execute and deliver to Licensor the Contractor Acceptance form attached hereto as Schedule A to acknowledge Licensee's Contractor's agreement to observe and abide by terms and conditions of the Agreement.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate (each of which shall constitute an original) as of the effective date of this Agreement.

Witness for Licenser:

CSX TRANSPORTATION, INC.

By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee:

**THE METROPOLITAN GOVERNMENT OF
 NASHVILLE AND DAVIDSON COUNTY**

By:  _____
994E7D0AE02B458...

Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee to the terms and conditions of this Agreement.

Print/Type Name: Scott Potter

Print/Type Title: Director, Water and Sewerage Services

Tax ID No.: 2-620694743-014-4

Schedule "A"

CONTRACTOR'S ACCEPTANCE

This Amendment is and shall be a part of Agreement No. CSX1039236, and is incorporated therein.

To and for the benefit of CSX TRANSPORTATION, INC. ("Licensor") and to induce Licensor to permit the undersigned Licensee's Contractor on or about Licensor's property for the purposed of performing work in accordance with the Facility Encroachment Agreement dated May 29, 2025, between Licensee and Licensor, Licensee's Contractor hereby agrees to abide by and perform all applicable terms of the Agreement, including, but not limited to Sections 3, 9, 10 of the Agreement.

Witness for Licensor:

CSX TRANSPORTATION INC.

By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee's Contractor

 LICENSEE'S CONTRACTOR

By: _____
 Who, by the execution hereof, affirms that
 he/she has the authority to do so and to bind
 the Licensee's Contractor has the authority
 to do so and to bind the Licensee's
 Contractor to the terms and conditions of
 this Agreement

NAME: _____

TITLE: _____

DATE: _____

CSX1039236

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |
MP 000 175.2103

EXHIBIT A

LAT, LONG 36.28943,-86.69082

CSX PROPERTY SERVICES REVIEW

☐ No Exceptions ☒ Exceptions Noted

This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.

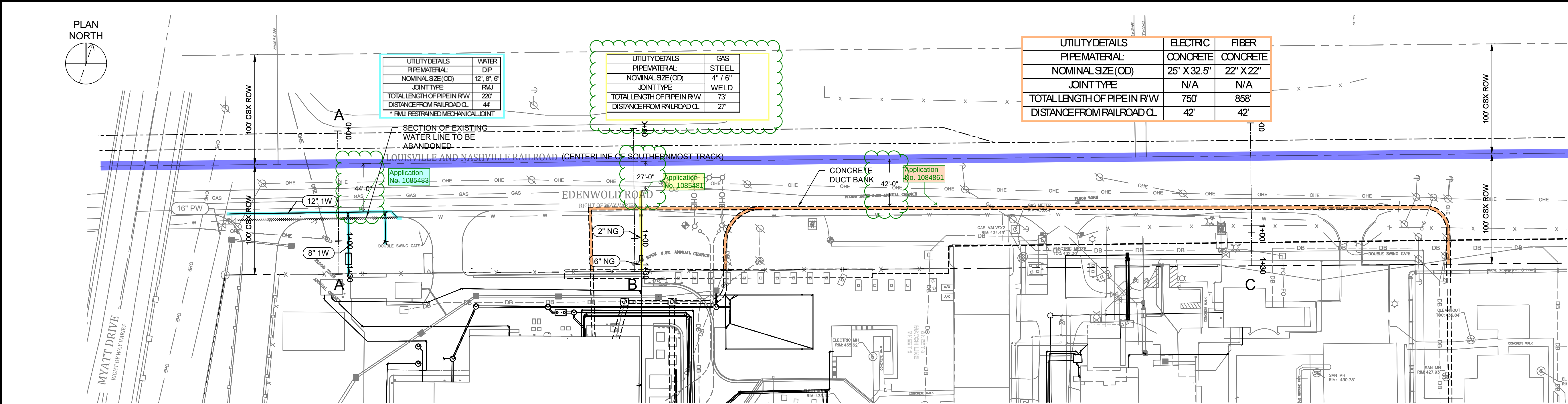
By: Nansi Patel

CSXT GENERAL NOTES:

1. REFER TO THE CSXT PIPELINE DESIGN & CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. TRENCH EXCAVATIONS SHALL BE OF SUCH DIMENSIONS AS TO PROVIDE AMPLE ROOM FOR CONSTRUCTION. TRENCH WIDTHS SHALL BE AT LEAST 12 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE (6-INCHES EITHER SIDE OF THE PIPE). THE BOTTOMOF THE TRENCH, IN SO FAR AS IS PRACTICAL, SHALL BE EXCAVATED TO PERMIT PROPER PLACEMENT OF THE PIPE. THE EXCAVATION FOR THE PIPELINE SHALL INCLUDE THE REMOVAL OF ANY OBSTRUCTIONS ENCOUNTERED. THE TRENCH SHALL BE EXCAVATED TO A DEPTH AT LEAST 3 INCHES BELOW THE OUTSIDE BOTTOM ELEVATION OF THE PLANNED PIPELINE. WHEN NECESSARY, ALL EXCAVATIONS SHOULD BE DEWATERED PRIOR TO AND DURING INSTALLATION AND BACKFILLING OF THE SYSTEM.
3. COMPACT ALL BACKFILL IN EXCAVATIONS AND TRENCHES TO 95% MAXIMUM DRY DENSITY AS DEFINED IN ASTM STANDARD D1557. USE CLEAN, SUITABLE BACKFILL MATERIAL, INSTALL IN SIX-INCH LIFTS AND COMPACT.
4. BEDDING MATERIAL SHALL BE GRANULAR BACKFILL IDENTICAL TO SUBBALLAST, OR A WELL GRADED CRUSHED STONE OR GRAVEL.
5. WHEN EXCAVATING WORK WILL BE WITHIN CSXT RIGHT-OF-WAY, SHORING PLANS AND OTHER REQUIRED MATERIAL MUST BE SUBMITTED TO CSXT DESIGNEE FOR APPROVAL PRIOR TO ANY CONSTRUCTION. ANY EXCAVATION/HOLE LESS THAN 15' FROM THE CENTERLINE OF NEAREST TRACK MUST BE FILLED OR PROPERLY SHORED PRIOR TO ANY TRAIN PASSING.
6. PIPELINE SHALL BE PROMINENTLY MARKED AT BOTH SIDES OF THE CSXT PROPERTY LINES BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE IN ACCORDANCE WITH CSXT SPECIFICATIONS.
7. ALL PRESSURE PIPELINES INSTALLED BY THE TRENCH METHOD, WITHOUT A CASING, SHAL HAVE A WARNING TAPE PLACED DIRECTLY ABOVE THE PIPELINE, 2 FEET BELOW THE GROUND SURFACE.
8. INSTALL HAND HOLES, SPLICE BOXES, AND MANHOLES PER THE REQUIREMENTS OF CSXT DESIGN & CONSTRUCTION SPECIFICATIONS. INSTALL THEM SO AS NOT TO CREATE A TRIPPING HAZARD OR TO INTERFERE WITH RAILROAD OPERATIONS.
9. NO CONSTRUCTION OR ENTRY UPON THE CSXT CORRIDOR IS PERMITTED UNTIL THE DOCUMENT TRANSACTION IS COMPLETED, YOU ARE IN RECEIPT OF A FULLY EXECUTED DOCUMENT, AND YOU HAVE OBTAINED AUTHORITY FROM THE LOCAL ROADMASTER.
10. IF REQUIRED, A DEWATERING PLAN IN ACCORDANCE WITH CSXT SPECIFICATIONS WILL BE SUBMITTED TO THE CSXT DESIGNEE FOR REVIEW AND APPROVAL PRIOR TO ANY DEWATERING OPERATIONS.
11. BLASTING IS NOT PERMITTED UNDER OR ON CSXT PROPERTY.
12. CSXT DOES NOT GRANT OR CONVEY AN EASEMENT FOR THIS INSTALLATION.
13. ALL PERSONNEL SHALL RECEIVE SAFETY BRIEFINGS BY A CSXT FLAGMAN OR DESIGNATED CSXT DESIGNEE EACH DAY BEFORE BEGINNING WORK ON THE RIGHT OF WAY. ADDITIONAL SAFETY BRIEFINGS MAY BE REQUIRED WHEN CONDITIONS AND/OR WORK SITES ARE CHANGED.
14. AGENCY OR ITS CONTRACTOR SHALL ARRANGE AND CONDUCT ITS WORK SO THAT THERE WILL BE NO INTERFERENCE WITH CSXT OPERATIONS, INCLUDING TRAIN, SIGNAL, TELEPHONE AND TELEGRAPHIC SERVICES, OR DAMAGES TO CSXT’S PROPERTY, OR TO POLES, WIRES, AND OTHER FACILITIES OF TENANTS OF CSXT’S PROPERTY OR RIGHT-OF-WAY.
15. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
16. ALL MATERIAL AND EQUIPMENT WILL BE STAGED TO NOT BLOCK ANY CSXT ACCESS OR MAINTENANCE ROADS. NO HOISTING OR AUXILIARY EQUIPMENT NECESSARY FOR THE PROCEDURE SHALL BE PLACED ON CSXT TRACK STRUCTURE AND / OR BALLAST SECTION. CLEAR WORKING LOCATIONS FOR EQUIPMENT USED WILL BE LAID OUT AND APPROVED BY THE CSXT FLAGGER PRIOR TO EQUIPMENT SET-UP.
17. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL ACTIVE RAILROAD FACILITIES, INCLUDING ELECTRICAL, WATER LINES, SEWER LINES, COMMUNICATION AND SIGNAL LINES AS WELL AS UNDERGROUND PIPING. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL EQUIPMENT AND MATERIAL A MINIMUM OF SIX (6) FEET FROM AFOREMENTIONED ELEVATED COMMUNICATION AND SIGNAL FACILITIES.
18. CONTRACTOR MUST CONDUCT ALL OF ITS WORK IN A SAFE MANNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH RULES, REGULATIONS, PROCEDURES AND SAFE PRACTICES OF CSXT, OSHA, THE FRA AND ALL OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE PROJECT.
19. OWNER SHALL REIMBURSE CSXT DIRECTLY FOR ALL COSTS OF FLAGGING AND INSPECTION SERVICE THAT ARE REQUIRED ON ACCOUNT OF CONSTRUCTION WITHIN CSXT PROPERTY SHOWN IN THE PLANS, OR COVERED BY AN APPROVED PLAN REVISION, SUPPLEMENTAL AGREEMENT OR CHANGE ORDER. INSPECTION SERVICE SHALL NOT RELIEVE CONTRACTOR FROM LIABILITY FOR ITS WORK.
20. OWNER OR CONTRACTOR SHALL GIVE A MINIMUM OF 30 DAYS’ ADVANCE NOTICE TO CSXT DESIGNEE FOR ANTICIPATED NEED FOR FLAGGING AND INSPECTION SERVICE. NO WORK SHALL BE UNDERTAKEN UNTIL THE FLAG PERSON(S) AND INSPECTOR(S) IS/ ARE AT THE JOB SITE. IF IT IS NECESSARY FOR CSXT TO ADVERTISE A FLAGGING JOB FOR BID, CSXT SHALL NOT BE LIABLE FOR THE COST OF DELAYS ATTRIBUTABLE TO OBTAINING SUCH SERVICE.
21. THE RIGHT OF WAY SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO BEGINNING THE PROJECT BEFORE FINAL ACCEPTANCE WILL BE PROVIDED. PUNCH LISTS SHALL BE RESPONDED TO PRIOR TO ISSUANCE OF AN ACCEPTANCE MEMORANDUM SIGNED BY THE CSXT DESIGNEE.
22. IDENTIFY HAZARDS AND PUT CONTROLS IN PLACE PRIOR TO START OF EXCAVATION. STAKE OR MARK PIT AS NEEDED FOR DIGGING. ESTABLISH A LAYDOWN AREA ABOVE THE FLOOD ZONE TO PLACE MOTORIZED EQUIPMENT. PLACE SNOW FENCE AROUND PIT 20’ BEYOND THE LEADING EDGE OF EXCAVATION. ALL EROSION CONTROL METHODS SHALL BE INSTALLED AND MAINTAINED USING BEST MANAGEMENT PRACTICES AS REQUIRED. APPLY LAYER OF WASHED STONE TO BASE OF EXCAVATION TO ESTABLISH PROPER LINE AND GRADE (6” MIN.).
23. BACKFILL, COVER OR FENCE ALL EXCAVATIONS WHEN UNATTENDED. THE CSXT DESIGNEE WILL APPROVE THE PROTECTION METHOD AND THE TYPE OF FENCING MATERIAL. SET FENCING BACK AT LEAST 3 FEET (91 CENTIMETERS) FROM THE EDGES OF THE EXCAVATION. SET FENCE POSTS SECURELY IN THE GROUND AND INSURE THE FENCING IS SECURELY TIED TO POSTS WITH ZIP TIES OR SOME OTHER TIE WRAP PRODUCT.
24. IF THE EXCAVATION IS 5 FEET OR GREATER IN DEPTH, THE WALLS MAY BE SLOPED AT 1.5 HORIZONTAL TO 1 VERTICAL TO REDUCE THE RISK OF CAVE-INS OR SLIDES. A SAFE MANNER IN WHICH TO ENTER AND EXIT THE EXCAVATION MUST BE ESTABLISHED. THE TOE OF SLOPES IN EXCAVATION SHALL IN NO CASE BE UNDERCUT BY POWER SHOVELS, BULLDOZERS, GRADERS, BLASTING, OR IN ANY MANNER. EXCAVATION SHALL NOT BE MADE IN EXCESS OF THE AUTHORIZED CROSS-SECTION.
25. AVOID THE NEED FOR WORKERS TO BE IN TRENCHES WHENEVER POSSIBLE. FOR EXAMPLE, WHEN TRENCHING IN A CONDUIT SYSTEM, THE PIPE TO BE PLACED SHOULD BE ASSEMBLED ABOVE THE TRENCH AND LOWERED DOWN INTO THE TRENCH. WHEN WORKERS ARE REQUIRED TO GO INTO AN EXCAVATION, SHORING AND CONFINED SPACE REQUIREMENTS WILL GOVERN.
26. PROJECTS THAT GENERATE SOILS FROM CSXT PROPERTY MUST ADHERE TO CSXT’S SOIL MANAGEMENT POLICIES. CSXT REQUIRES SOILS GENERATED FROM ITS PROPERTY TO EITHER BE REUSED ON CSXT PROPERTY OR PROPERLY DISPOSED IN A CSXT APPROVED DISPOSAL FACILITY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING INTO AN APPROVED DISPOSAL FACILITY. CSXT PROHIBITS ANY ENVIRONMENTAL SAMPLING ON ITS PROPERTY UNLESS GRANTED THROUGH AN WRITTEN ENVIRONMENTAL RIGHT-OF-ENTRY OR APPROVED IN WRITING BY THE CSXT ENVIRONMENTAL DEPARTMENT. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON CSXT PROPERTY. A LIST OF CSXT APPROVED LABORATORIES AND/OR DISPOSAL FACILITIES MAY BE OBTAINED FROM THE CSXT MANAGER ENVIRONMENTAL PROGRAMS.
27. CONTRACTOR ALSO HAS THE SOLE RESPONSIBILITY OF ASCERTAINING THAT ALL OTHER UTILITIES HAVE BEEN PROPERLY LOCATED BY COMPLYING WITH THE LOCAL “CALL BEFORE YOU DIG” REGULATION(S). CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR NOTIFYING OWNERS OF ADJACENT PROPERTIES AND OF UNDERGROUND FACILITIES AND UTILITY OWNERS WHEN PROSECUTION OF THE WORK MAY AFFECT THEM, AND SHALL COOPERATE WITH THEM IN THE PROTECTION, REMOVAL, RELOCATION AND REPLACEMENT OF THEIR PROPERTY.
28. CONTRACTOR SHALL CONDUCT “PRE-DIG” MEETING PRIOR TO CONSTRUCTION WORK, WITH ALL SUBCONTRACTORS AND WORKERS TO REVIEW THE LOCATION OF ALL UTILITIES AS MARKED OUT, EXCAVATION PROCEDURES, AND TO CONFIRM THE “ONE CALL” REQUEST. THIS PERMIT IS SUBJECT TO ANY EXISTING UTILITIES THAT MAY BE IN CONFLICT WITH THE DESIGN AND REQUIRES POTHOLING. ALL EXISTING UTILITIES ARE REQUIRED TO BE POTHOLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH CSXT SPECIFICATIONS. HAND EXPOSE LINES TO A POINT OF NO CONFLICT (24 INCHES ON EITHER SIDE OF THE UNDERGROUND INSTALLATION). IF MARKED UTILITY CANNOT BE LOCATED, EXCAVATION MUST NOT PROCEED AND YOU MUST NOTIFY THE ONE CALL NUMBER OR UTILITY COMPANY TO PROVIDE ADDITIONAL INFORMATION TO DETERMINE THE EXACT LOCATION.
29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.

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PLAN
SCALE: 1" = 50'

CSX NOTES:

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS. ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits.
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

Provide an explanation on why concrete encasement is necessary and why a casing pipe cannot be provided?

UTILITY DETAILS	WATER	GAS	ELECTRIC	FIBER
PIPE MATERIAL:	DIP	STEEL	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	12" / 8" / 6"	4" / 6"	25" X 32.5"	22" X 22"
JOINT TYPE	*RMJ	WELD	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	220'	73'	750'	858'
DISTANCE FROM RAILROAD CL	44'	27'	42'	42'

*RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe

TITLEBLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME
C-01-401 RAILROAD.DWG
BC PROJECT NUMBER
157437
CLIENT PROJECT NUMBER
21SC0227

CIVIL

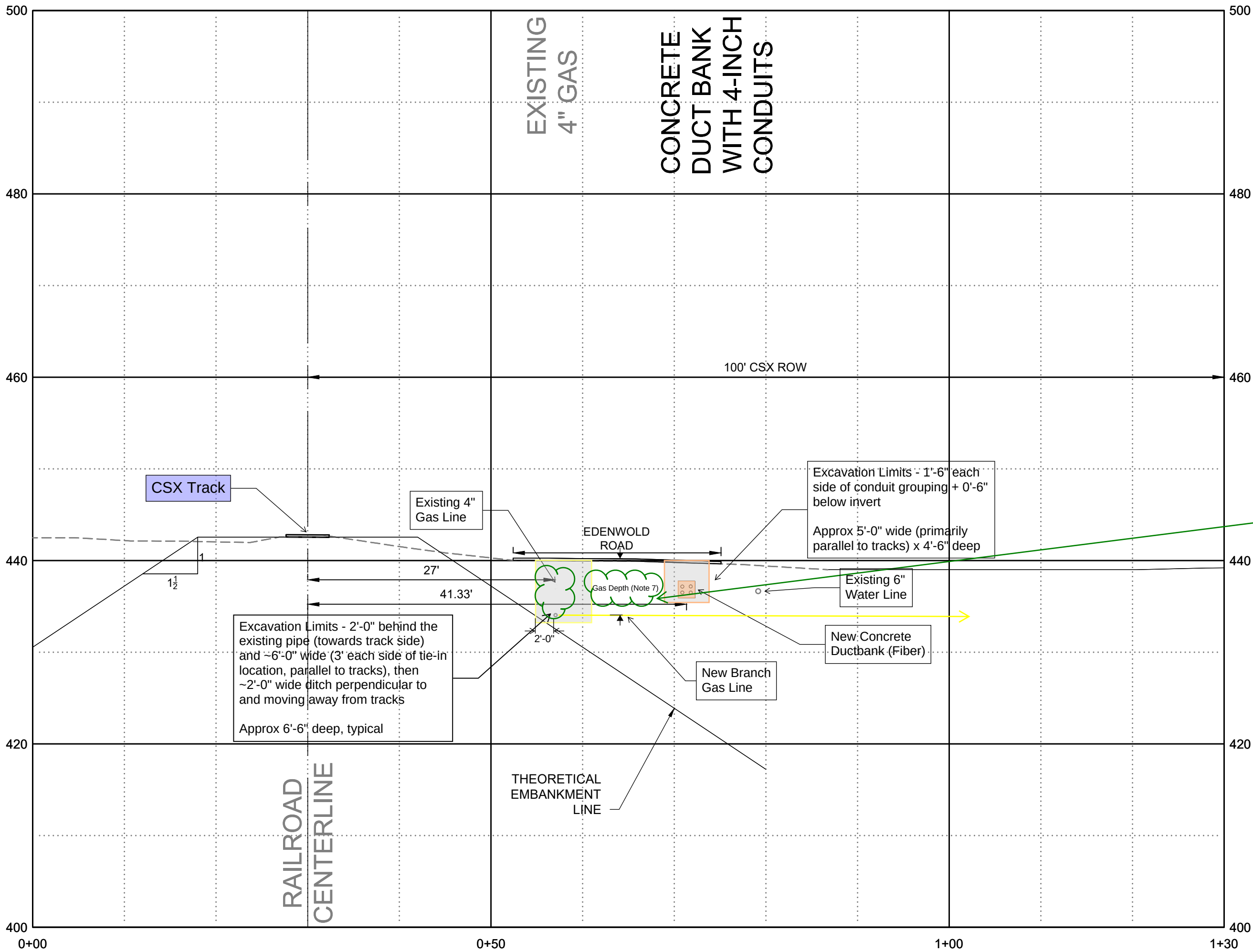
DRY CREEK WRF
CSX ROW
CONSTRUCTION

PLAN

DRAWING NUMBER

1 OF 4

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SECTION B-B
SCALE:
H: 1" =10'
V: 1" =10'

For gas line - Pipelines laid longitudinally on CSXT's right-of-way, 50 feet or less from centerline track shall be buried not less than 6 feet from ground surface to top of pipe. Where the pipeline is laid more than 50 feet from centerline of track, the minimum cover shall be at least 5 feet.

CSX NOTES:

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS (NOT ALL EXISTING UTILITIES ARE SHOWN). ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.
7. NEW GAS LINE MINIMUM BURY DEPTHS
WITHIN 50' OF RAIL - 6'-0"
GREATER THAN 50' FROM RAIL AND WITHIN ROW - 5'-0"

Gas Line - We are connecting to an existing line, so this cannot be relocated.

Electrical - The location that is shown represents the furthest from the rail the line can feasibly be installed. The existing 6" water line at approximately 50' from the track was inadvertently omitted on the previous version. It has been added here.

Gas Line Depth - The depth of the existing line is assumed based on best available information from the Utility Provider. Any new piping will comply with requirements as outlined here. See added note 7 above.

Gas Line Material of Construction - Utility Provider has confirmed that the existing line is a 4" steel line. They have additionally confirmed that the new section will be steel as required in all locations within the ROW. Table has been revised, multiple sheets.

Application No. 1085481
Application No. 1084861

UTILITY DETAILS	GAS	FIBER
PIPE MATERIAL	STEEL	CONCRETE
NOMINAL SIZE (OD)	4" / 6"	22" X 22"
JOINT TYPE	WELD	N/A
TOTAL LENGTH OF PIPE IN R/W	73	858
DISTANCE FROM RAILROAD CL	27	42

TITLE BLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME
C-01-401 RAILROAD.DWG
BC PROJECT NUMBER
157437
CLIENT PROJECT NUMBER
21SC0227

CIVIL

DRY CREEK WRF
CSX ROW
CONSTRUCTION

SECTION B

DRAWING NUMBER

3 OF 4

FACILITY ENCROACHMENT AGREEMENT

THIS AGREEMENT, made and effective as of May 29, 2025, by and between CSX TRANSPORTATION, INC., a Virginia corporation, whose mailing address is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Licensor," and THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, a municipal corporation, political subdivision or state agency, under the laws of the State of Tennessee, whose mailing address is 61 Edenwold Road, Madison, Tennessee 37115, hereinafter called "Licensee," WITNESSETH:

WHEREAS, Licensee desires to construct (unless previously constructed and designated as existing herein), use and maintain the below described facility(ies), hereinafter called "Facilities," over, under or across property owned or controlled by Licensor, at the below described location(s):

1. One (1) twelve-inch (12") diameter sub-grade pipeline parallel, solely for the transmission of potable water, located at or near Nashville, Davidson County, Tennessee, Nashville Division, Nashville Terminal Subdivision, at Milepost 000-175.36, Latitude N36:17:20, Longitude W86:41:18,

hereinafter, called the "Encroachment," as shown on print(s) labeled Exhibit "A," attached hereto and made a part hereof;

NOW, THEREFORE, in consideration of the mutual covenants, conditions, terms and agreements herein contained, the parties hereto agree and covenant as follows:

1. LICENSE:

1.1 Subject to Article 17, Licensor, insofar as it has the legal right, power and authority to do so, and its present title permits, and subject to:

(A) Licensor's present and future right to occupy, possess and use its property within the area of the Encroachment for any and all purposes, including Licensor's track(s) structure(s), power lines, communication, signal or other wires, train control system, cellular or data towers, or electrical or electronic apparatus, or any appurtenances thereto ("Licensor's Facilities") and any other facilities as now exist or which may in the future be located in, upon, over, under or across the property;

(B) All encumbrances, conditions, covenants, easements, and limitations applicable to Licensor's title to or rights in the subject property; and

(C) Compliance by Licensee and its employees, agents and contractors ("Licensee's Contractor") with the terms and conditions herein contained;

does hereby grant a non-exclusive license to Licensee for the Encroachment for the sole purpose of permitting Licensee to construct, maintain, repair, renew, operate, use, alter or change the

Facilities at the Encroachment above for the term herein stated, and to remove same upon termination.

1.2 The term Facilities, as used herein, shall include only those structures and ancillary facilities devoted exclusively to the transmission usage above within the Encroachment, and as shown on attached Exhibit A.

1.3 No additional structures or other facilities shall be placed, allowed, or maintained by Licensee in, upon or on the Encroachment except upon prior separate written consent of Licensors.

2. ENCROACHMENT FEE; TERM:

2.1 Licensee shall pay Licensors a one-time nonrefundable Encroachment Fee of FOURTEEN THOUSAND NINE HUNDRED SIXTY AND 00/100 U.S. DOLLARS (\$14,960.00) upon execution of this Agreement. Licensee agrees that the Encroachment Fee applies only to the original Licensee under this Agreement. In the event of a successor (by merger, consolidation, reorganization and/or assignment) or if the original Licensee changes its name, then Licensee shall be subject to payment of Licensors' current administrative and document preparation fees for the cost incurred by Licensors in preparing and maintaining this Agreement on a current basis.

2.2 However, Licensee assumes sole responsibility for, and shall pay directly (or reimburse Licensors), any additional annual taxes and/or periodic assessments levied against Licensors or Licensors' property solely on account of said Facilities or Encroachment.

2.3 This Agreement shall terminate as herein provided, but shall also terminate upon: (a) Licensee's cessation of use of the Facilities or Encroachment for the purpose(s) above; (b) removal of the Facilities; (c) subsequent mutual written consent; and/or (d) failure of Licensee to complete installation within five (5) years from the effective date of this Agreement.

2.4 In further consideration for the license or right hereby granted, Licensee hereby agrees that Licensors shall not be charged or assessed, directly or indirectly, with any part of the cost of the installation of said Facilities and appurtenances, and/or maintenance thereof, or for any public works project of which said Facilities is a part. Licensee agrees it shall not assess Licensors any stormwater or drainage fee associated with such Facilities. Furthermore, Licensee shall be responsible for any stormwater or drainage fees assessed by any County or State agency managing such systems.

3. CONSTRUCTION, MAINTENANCE AND REPAIRS:

3.1 Licensee shall construct, maintain, relocate, repair, renew, alter, and/or remove the Facilities, in a prudent, workmanlike manner, using quality materials and complying with any applicable standard(s) or regulation(s) of Licensors (CSXT Specifications), or Licensee's particular industry, National Electrical Safety Code, or any governmental or regulatory body having jurisdiction over the Encroachment.

3.2 Location and construction of Facilities shall be made strictly in accordance with design(s) and specifications furnished to and approved by Licensor and of material(s) and size(s) appropriate for the purpose(s) above recited.

3.3 All of Licensee's work, and exercise of rights hereunder, shall be undertaken at time(s) satisfactory to Licensor, and so as to eliminate or minimize any impact on or interference with the safe use and operation of Licensor's property and appurtenances thereto.

3.4 In the installation, maintenance, repair and/or removal of said Facilities, Licensee shall not use explosives on or adjacent to Licensor's property of any type or perform or cause any blasting on or adjacent to Licensor's property without the separate express prior written consent of Licensor. As a condition to such consent, a representative will be assigned by Licensor to monitor blasting, and Licensee shall reimburse Licensor for the entire cost and/or expense of furnishing said monitor.

3.5 Any repairs or maintenance to the Facilities, whether resulting from acts of Licensee, or natural or weather events, which are necessary to protect or facilitate Licensor's use of its property, shall be made by Licensee promptly, but in no event later than thirty (30) days after Licensee has notice as to the need for such repairs or maintenance.

3.6 Licensor, in order to protect or safeguard its property, rail operations, equipment and/or employees from damage or injury, may request immediate repair or renewal of the Facilities, and if the same is not performed, may make or contract to make such repairs or renewals, at the sole risk, cost and expense of Licensee.

3.7 All work on the Encroachment shall be conducted in accordance with Licensor's safety rules and regulations.

3.8 Licensee hereby agrees to reimburse Licensor any loss, cost or expense (including losses resulting from train delays and/or inability to meet train schedules) arising from any failure of Licensee to make repairs or conduct maintenance as required by Section 3.5 above or from improper or incomplete repairs or maintenance to the Facilities or Encroachment.

3.9 In the event it becomes necessary for the Licensee to deviate from the approved Exhibit A, Licensee shall seek prior approval from Licensor, or when applicable, an official field representative of Licensor permitted to approve changes, authorizing the necessary field changes and Licensee shall provide Licensor with complete As-Built Drawings of the completed work. As-Built Drawings shall be submitted to Licensor in either electronic or hard copy form upon the substantial completion of the project and upon Licensor's request.

3.10 In the event of large scale maintenance/construction work to railroad bridges Licensee is required to protect power lines with insulated covers or comparable safety devices at their costs during construction/maintenance for safety of railroad employees.

4. PERMITS, LICENSES:

4.1 Before any work hereunder is performed, or before use of the Encroachment for the contracted purpose, Licensee, at its sole cost and expense, shall obtain all necessary permit(s) (including zoning, building, construction, health, safety or environmental matters), letter(s) or certificate(s) of approval. Licensee expressly agrees and warrants that it shall conform and limit its activities to the terms of such permit(s), approval(s) and authorization(s), and shall comply with all applicable ordinances, rules, regulations, requirements and laws of any governmental authority (State, Federal or Local) having jurisdiction over Licensee's activities, including the location, contact, excavation and protection regulations of the Occupational Safety and Health Act (OSHA) (29 CFR 1926.651(b)), et al., and State "One Call" - "Call Before You Dig" requirements.

4.2 Licensee assumes sole responsibility for failure to obtain such permit(s) or approval(s), for any violations thereof, and for costs or expenses of compliance or remedy.

4.3 Licensee's Facilities, covered under this Agreement, are to be placed/attached on/to existing facility(ies) owned by Madison Suburban Utility District, covered by Agreement No. LN 048700. Licensee warrants it has obtained all necessary permission(s) and permit(s) from Madison Suburban Utility District for said placement/attachment.

5. MARKING AND SUPPORT:

5.1 With respect to any subsurface installation or maintenance upon Licensor's property, Licensee, at its sole cost and expense, shall:

- (A) support track(s) and roadbed in a manner satisfactory to Licensor;
- (B) backfill with satisfactory material and thoroughly tamp all trenches to prevent settling of surface of land and roadbed of Licensor in a manner satisfactory to Licensor; and
- (C) either remove any surplus earth or material from Licensor's property or cause said surplus earth or material to be placed and distributed at location(s) and in such manner Licensor may approve.

5.2 After construction or maintenance of the Facilities, Licensee shall:

- (A) Restore any track(s), roadbed and other disturbed property in a manner satisfactory to Licensor; and
- (B) Erect, maintain and periodically verify the accuracy of aboveground markers, in a form approved by Licensor, indicating the location, depth and ownership of any underground Facilities or related facilities.

5.3 Licensee shall be solely responsible for any subsidence or failure of lateral or subjacent support in the Encroachment area for a period of three (3) years after completion of installation.

6. TRACK CHANGES:

6.1 In the event that rail operations and/or track maintenance result in changes in grade or alignment of, additions to, or relocation of track(s) or other facilities, or in the event future use of Licensor's rail corridor ("Rail Corridor") or property necessitate any change of location, height or depth in the Facilities or Encroachment, Licensee, at its sole cost and expense and within thirty (30) days after notice in writing from Licensor, shall make changes in the Facilities or Encroachment to accommodate such track(s) or operations.

6.2 If Licensee fails to do so, Licensor may make or contract to make such changes at Licensee's sole risk, cost and expense.

7. FACILITY CHANGES:

7.1 Licensee shall periodically monitor and verify the depth or height of the Facilities or Encroachment in relation to the existing tracks and facilities, and shall relocate the Facilities or change the Encroachment, at Licensee's expense, should such relocation or change be necessary to comply with the minimum clearance requirements of Licensor.

7.2 If Licensee undertakes to revise, renew, relocate or change in any manner whatsoever all or any part of the Facilities (including any change in voltage or gauge of wire or any change in circumference, diameter or radius of pipe or change in materials transmitted in and through said pipe), or is required by any public agency or court order to do so, plans therefor shall be submitted to Licensor for approval before such change. After approval, the terms and conditions of this Agreement shall apply thereto.

8. INTERFERENCE WITH RAIL FACILITIES:

8.1 Although the Facilities/Encroachment herein permitted may not presently interfere with Licensor's Facilities, in the event that the operation, existence or maintenance of said Facilities, in the sole judgment of Licensor, causes: (a) interference (including physical or interference from an electromagnetic induction, or interference from stray or other currents) with Licensor's power lines, communication, signal or other wires, train control system, or electrical or electronic apparatus; or (b) interference in any manner, with the operation, maintenance or use of Licensor's Facilities; then and in either event, Licensee, upon receipt of written notice from Licensor of any such interference, and at Licensee's sole risk, cost and expense, shall promptly make such changes in its Facilities or installation, as may be required in the reasonable judgment of the Licensor to eliminate all such interference. Upon Licensee's failure to remedy or change, Licensor may do so or contract to do so at Licensee's sole risk, cost and expense.

8.2 Without assuming any duty hereunder to inspect the Facilities, Licensor hereby reserves the right to inspect same and to require Licensee to undertake repairs, maintenance or adjustments to the Facilities, which Licensee hereby agrees to make promptly, at Licensee's sole cost and expense.

9. RISK, LIABILITY, INDEMNITY:

With respect to the relative risk and liabilities of the parties, it is hereby agreed that:

9.1 To the fullest extent permitted by State law (constitutional or statutory, as amended), Licensee hereby agrees to, defend, indemnify, and hold Licensors harmless from and against any and all liability, loss, claim, suit, damage, charge, cost or expense (including attorneys' fees) (collectively, "Claims and Losses") which Licensors may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensors), and for damage to or loss of or destruction of any property whatsoever, arising out of, resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensors to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensors. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensors.

9.2 Licensee's Contractor shall hereby agree to, defend, indemnify, and hold Licensors harmless from and against any and all Claims and Losses which Licensors may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensors), and for damage to or loss of or destruction of any property whatsoever, arising out of resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensors to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensors. HOWEVER, to the fullest extent permitted by State law, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad Rail Corridor, Licensee's Contractor's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensors.

9.3 Use of Licensors' Rail Corridor involves certain risks of loss or damage as a result of the rail operations. Notwithstanding Section 9.1, Licensee expressly assumes all risk of loss and damage to Licensee's Property or the Facilities in, on, over or under the Encroachment, including loss of or any interference with use or service thereof, regardless of cause, including electrical field creation, fire or derailment resulting from rail operations. For this Section, the term "Licensee's Property" shall include property of third parties situated or placed upon Licensors' Rail Corridor by Licensee or by such third parties at request of or for benefit of Licensee.

9.4 To the fullest extent permitted by State law, as above, Licensee assumes all responsibility for, and agrees to defend, indemnify and hold Licensors harmless from any and all

Claims and Losses arising from, under or in connection with or as a consequence of: (a) (i) any sudden or nonsudden pollution of air, water, land and/or ground water on or off the Encroachment area, arising from or in connection with the use of the Encroachment or (ii) any leaking, bursting, spilling, or any escape of the material transmitted in or through the Facilities; (b) any federal or state law dealing with either such sudden or nonsudden pollution of air, water, land and/or ground water arising therefrom or the remedy thereof; (c) any subsidence or failure of lateral or subjacent support of the tracks arising from such Facilities leakage; and (d) any drainage or runoff on or off the Encroachment area as a result of the Facilities/Encroachment herein permitted.

9.5 Notwithstanding Section 9.1, Licensee also expressly assumes all risk of loss which in any way may result from Licensee's failure to maintain either required clearances for any overhead Facilities or the required depth and encasement for any underground Facilities, whether or not such loss(es) result(s) in whole or part from Licensor's contributory negligence or joint fault.

9.6 Obligations of Licensee hereunder to release, indemnify and hold Licensor harmless shall also extend to companies and other legal entities that control, are controlled by, subsidiaries of, or are affiliated with Licensor, as well as any railroad that operates over the Rail Corridor on which the Encroachment is located, and the officers, employees and agents of each.

9.7 If a claim is made or action is brought against Licensor, and/or its operating lessee, for which Licensee may be responsible hereunder, in whole or in part, Licensee shall be notified to assume the handling or defense of such claim or action; but Licensor may participate in such handling or defense.

9.8 Notwithstanding anything contained in this Agreement, the limitation of liability contained in the state statutes, as amended from time to time, shall not limit Licensor's ability to collect under the insurance policies required to be maintained under this Agreement.

10. INSURANCE:

10.1 Prior to commencement of surveys, installation or occupation of premises pursuant to this Agreement, Licensee shall procure and shall maintain during the continuance of this Agreement, at its sole cost and expense, a policy of

- (i) Statutory Worker's Compensation and Employers Liability Insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00).
- (ii) Commercial General Liability coverage (inclusive of contractual liability) with available limits of not less than FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence (limit may be satisfied through a combination of both primary and umbrella/excess liability policies) for bodily injury and property damage and covering the contractual liabilities assumed under this Agreement and naming Licensor, and/or its designee, as additional insured. The evidence of

insurance coverage shall be endorsed to provide for thirty (30) days' notice to Licensors, or its designee, prior to cancellation or modification of any policy. Mail CGL certificate, along with agreement, to CSX Transportation, Inc., Speed Code J180, 500 Water Street, Jacksonville, FL 32202. On each successive year, send certificate to RenewalCOI@csx.com.

- (iii) Business automobile liability insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00) combined single limit for bodily injury and/or property damage per occurrence naming Licensors, and/or its designee, as additional insured.
- (iv) The insurance policies must contain a waiver of subrogation against CSXT and its parent, subsidiaries and affiliates, except where prohibited by law. All insurance companies must be A. M. Best rated A- and Class VII or better.
- (v) Such other insurance as Licensors may reasonably require.
- (vi) Licensee shall require its contractors to meet minimum insurance requirements above when performing work in relation to this Agreement. Licensee will procure and review contractor's insurance certificates to confirm requirements are met. Licensors may request a copy of the insurance certificate.
- (vii) Licensors' acceptance of any certificate of insurance does not constitute a waiver, release or modification of any of the insurance coverages or endorsements required under this Article 10.

10.2 If Licensee's Contractor's existing CGL policy(ies) do(es) not automatically cover Licensee's contractual liability during periods of survey, installation, maintenance and continued occupation, a specific endorsement adding such coverage shall be purchased by Licensee's Contractor. If said CGL policy is written on a "claims made" basis instead of a "per occurrence" basis, Licensee shall arrange for adequate time for reporting losses. Failure to do so shall be at Licensee's sole risk.

10.3 Licensors, or its designee, may at any time request evidence of insurance purchased by Licensee to comply with this Agreement. Failure of Licensee to comply with Licensors's request shall be considered a default by Licensee.

10.4 To the extent permitted by law and notwithstanding anything to the contrary in this Agreement, the insurance required and provided by Licensee shall not be subject to the limitations of sovereign immunity.

10.5 (A) In the event Licensee finds it necessary to perform construction or demolition operations within fifty feet (50') of any operated railroad track(s) or affecting any railroad bridge, trestle, tunnel, track(s), roadbed, overpass or underpass, Licensee shall: (a) notify Licensors; and (b) require Licensee's Contractor(s) performing such operations to procure and maintain during the period of construction or demolition operations, at no cost to Licensors,

Railroad Protective Liability (RPL) Insurance, naming Licensor, and/or its designee, as Named Insured, written on the current ISO/RIMA Form (ISO Form No. CG 00 35 04 13) with limits of FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence for bodily injury and property damage, with at least TEN MILLION AND 00/100 U.S. DOLLARS (\$10,000,000.00) aggregate limit per annual policy period. The original of such RPL policy shall be sent to and approved by Licensor prior to commencement of such construction or demolition. Licensor reserves the right to demand higher limits.

(B) At Licensor's option, in lieu of purchasing RPL insurance or the 50 foot endorsements from an insurance company (but not CGL insurance), Licensee may pay Licensor, at Licensor's current rate at time of request, the cost of adding this Encroachment, or additional construction and/or demolition activities, to Licensor's Railroad Protective Liability (RPL) Policy for the period of actual construction. This coverage is offered at Licensor's sole discretion and may not be available under all circumstances.

10.6 Notwithstanding the provisions of Sections 10.1 and 10.2, Licensee, pursuant to State Statute(s), may self-insure or self-assume, in any amount(s), any contracted liability arising under this Agreement, under a funded program of self-insurance, which fund will respond to liability of Licensee imposed by and in accordance with the procedures established by law.

11. GRADE CROSSINGS; PROTECTION SERVICES:

11.1 Nothing herein contained shall be construed to permit Licensee or Licensee's Contractor to move any vehicles or equipment over the track(s), except at public road crossing(s), without separate prior written approval of Licensor.

11.2 If Licensor deems it advisable, during any construction, maintenance, repair, renewal, alteration, change or removal of said Facilities, to place watchmen, flagmen, or field construction managers for protection of operations of Licensor or others on Licensor's Rail Corridor at the Encroachment, and to keep persons, equipment or materials away from the track(s), Licensor shall have the right to do so at the expense of Licensee, but Licensor shall not be liable for failure to do so.

11.3 Subject to consent of Licensor, in its sole discretion, and subject to Licensor's operating rules and labor agreements, Licensee may provide flagmen, in place of Licensor's provision, at Licensee's sole risk, cost and expense, and in such event, Licensor shall not be liable for the failure or neglect of such flagmen. Such flagmen shall be approved by Licensor and shall meet all Licensor's requirement for performing such work.

12. LICENSOR'S COSTS:

12.1 Any additional or alternative costs or expenses incurred by Licensor to accommodate Licensee's continued use of Licensor's property as a result of track changes or changes to Licensor's Facilities shall also be paid by Licensee.

12.2 Licensor's expense for wages ("force account" charges) and materials for any work performed at the expense of Licensee pursuant hereto shall be paid by Licensee within thirty (30) days after receipt of Licensor's bill therefor. Licensor may, at its discretion, request an advance deposit for estimated Licensor costs and expenses.

12.3 Such expense shall include cost of railroad labor and supervision under "force account" rules, plus current applicable overhead percentages, the actual cost of materials, and insurance, freight and handling charges on all material used. Equipment rentals shall be in accordance with Licensor's applicable fixed rate. Licensor may, at its discretion, require advance deposits for estimated costs of such expenses and costs.

13. DEFAULT, BREACH, WAIVER:

13.1 The proper and complete performance of each covenant of this Agreement shall be deemed of the essence thereof, and in the event Licensee fails or refuses to fully and completely perform any of said covenants or remedy any breach within thirty (30) days after receiving written notice from Licensor to do so (or within forty-eight (48) hours in the event of notice of a railroad emergency), Licensor shall have the option of immediately revoking this Agreement and the privileges and powers hereby conferred, regardless of encroachment fee(s) having been paid in advance for any annual or other period. Upon such revocation, Licensee shall make removal in accordance with Article 14.

13.2 No waiver by Licensor of its rights as to any breach of covenant or condition herein contained shall be construed as a permanent waiver of such covenant or condition, or any subsequent breach thereof, unless such covenant or condition is permanently waived in writing by Licensor.

13.3 Neither the failure of Licensor to object to any work done, material used, or method of construction or maintenance of said Encroachment, nor any approval given or supervision exercised by Licensor, shall be construed as an admission of liability or responsibility by Licensor, or as a waiver by Licensor of any of the obligations, liability and/or responsibility of Licensee under this Agreement.

14. TERMINATION, REMOVAL:

14.1 All rights which Licensee may have hereunder shall cease upon the date of (a) termination, (b) revocation, or (c) subsequent agreement, or (d) Licensee's removal of the Facility from the Encroachment. However, neither termination nor revocation of this Agreement shall affect any claims and liabilities which have arisen or accrued hereunder, and which at the time of termination or revocation have not been satisfied; neither party, however, waiving any third party defenses or actions.

14.2 Within thirty (30) days after revocation or termination, Licensee, at its sole risk, cost and expense, shall (a) remove the Facilities from the Rail Corridor of Licensor, unless the parties hereto agree otherwise, (b) restore the Rail Corridor of Licensor in a manner

satisfactory to Licensor, and (c) reimburse Licensor any loss, cost or expense of Licensor resulting from such removal.

14.3 Notwithstanding the termination, revocation or expiration of this Agreement, and except as otherwise stated in this Agreement, those obligations contained herein that by their terms or nature are intended to survive such termination, revocation or expiration shall do so including the indemnification, Facilities removal, restoration and reimbursement provisions herein.

15. NOTICE:

15.1 Licensee shall give Licensor at least thirty (30) days' written notice before doing any work on Licensor's Rail Corridor, except that in cases of emergency shorter notice may be given. Licensee shall provide proper notification as follows:

a. For non-emergencies, Licensee shall submit online via the CSX Property Portal from Licensor's web site, via web link:
https://propertyportal.csx.com/pub_ps_res/ps_res/jsf/public/index.faces

b. For emergencies, Licensee shall complete all of the steps outlined in Section 15.1 a. above, and shall also include detailed information of the emergency. Licensee shall also call and report details of the emergency to Licensor's Rail Operations Emergency Telephone Number: 1-800-232-0144. In the event Licensor needs to contact Licensee concerning an emergency involving Licensee's Facility(ies), the emergency phone number for Licensee is: 615-487-8872.

15.2 All other notices and communications concerning this Agreement shall be addressed to Licensee at the address above, and to Licensor at the address shown on Page 1, c/o CSXT Contract Management, J180; or at such other address as either party may designate in writing to the other.

15.3 Unless otherwise expressly stated herein, all such notices shall be in writing and sent via Certified or Registered Mail, Return Receipt Requested, or by courier, and shall be considered delivered upon: (a) actual receipt, or (b) date of refusal of such delivery.

16. ASSIGNMENT:

16.1 The rights herein conferred are the privileges of Licensee only, and Licensee shall obtain Licensor's prior written consent to any assignment of Licensee's interest herein (by operation of law or otherwise); said consent shall not be unreasonably withheld. Any assignment of this Agreement by Licensee, by operation of law or otherwise, or any interest herein, without the prior written consent of Licensor, shall be void.

16.2 Subject to Sections 2 and 16.1, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors or assigns.

16.3 Licensee shall give Licensor written notice of any legal succession (by merger, consolidation, reorganization, etc.) or other change of legal existence or status of Licensee, with a copy of all documents attesting to such change or legal succession, within thirty (30) days thereof.

16.4 Licensor expressly reserves the right to assign this Agreement, in whole or in part, to any grantee, lessee, or vendee of Licensor's underlying property interests in the Encroachment, upon written notice thereof to Licensee.

16.5 In the event of any unauthorized sale, transfer, assignment, sublicense or encumbrance of this Agreement, or any of the rights and privileges hereunder, Licensor, at its option, may revoke this Agreement by giving Licensee or any such assignee written notice of such revocation; and Licensee shall reimburse Licensor for any loss, cost or expense Licensor may incur as a result of Licensee's failure to obtain said consent.

17. TITLE:

17.1 Licensee understands that Licensor occupies, uses and possesses lands, rights-of-way and Rail Corridors under all forms and qualities of ownership rights or facts, from full fee simple absolute to bare occupation. Accordingly, nothing in this Agreement shall act as or be deemed to act as any warranty, guaranty or representation of the quality of Licensor's title for any particular Encroachment or segment of Rail Corridor occupied, used or enjoyed in any manner by Licensee under any rights created in this Agreement. It is expressly understood that Licensor does not warrant title to any Rail Corridor and Licensee will accept the grants and privileges contained herein, subject to all lawful outstanding existing liens, mortgages and superior rights in and to the Rail Corridor, and all leases, licenses and easements or other interests previously granted to others therein.

17.2 The term "license," as used herein, shall mean with regard to any portion of the Rail Corridor which is owned by Licensor in fee simple absolute, or where the applicable law of the State where the Encroachment is located otherwise permits Licensor to make such grants to Licensee, a "permission to use" the Rail Corridor, with dominion and control over such portion of the Rail Corridor remaining with Licensor, and no interest in or exclusive right to possess being otherwise granted to Licensee. With regard to any other portion of Rail Corridor occupied, used or controlled by Licensor under any other facts or rights, Licensor merely waives its exclusive right to occupy the Rail Corridor and grants no other rights whatsoever under this Agreement, such waiver continuing only so long as Licensor continues its own occupation, use or control. Licensor does not warrant or guarantee that the license granted hereunder provides Licensee with all of the rights necessary to occupy any portion of the Rail Corridor. Licensee further acknowledges that it does not have the right to occupy any portion of the Rail Corridor held by Licensor in less than fee simple absolute without also receiving the consent of the owner(s) of the fee simple absolute estate. Further, Licensee shall not obtain, exercise or claim any interest in the Rail Corridor that would impair Licensor's existing rights therein.

17.3 Licensee agrees it shall not have nor shall it make, and hereby completely and absolutely waives its right to, any claim against Licensor for damages on account of any

deficiencies in title to the Rail Corridor in the event of failure or insufficiency of Licensor's title to any portion thereof arising from Licensee's use or occupancy thereof.

17.4 Licensee agrees to fully and completely indemnify and defend Licensor from and against any and all Claims and Losses arising out of or in connection with claims or litigation for slander of title, overburden of easement, or similar claims arising out of or based upon the Facilities placement, or the presence of the Facilities in, on or along any Encroachment(s), including claims for punitive or special damages; provided that Licensor shall have the right to participate in the defense of any such claim.

17.5 Licensee shall not at any time own or claim any right, title or interest in or to Licensor's property occupied by the Encroachments, nor shall the exercise of this Agreement for any length of time give rise to any right, title or interest in Licensee to said property other than the license herein created.

17.6 Nothing in this Agreement shall be deemed to give, and Licensor hereby expressly waives, any claim of ownership in and to any part of the Facilities.

17.7 Licensee shall not create or permit any mortgage, pledge, security, interest, lien or encumbrances, including tax liens and liens or encumbrances with respect to work performed or equipment furnished in connection with the construction, installation, repair, maintenance or operation of the Facilities in or on any portion of the Encroachment (collectively, "Liens or Encumbrances"), to be established or remain against the Encroachment or any portion thereof or any other Licensor property.

17.8 In the event that any property of Licensor becomes subject to such Liens or Encumbrances, Licensee agrees to pay, discharge or remove the same promptly upon Licensee's receipt of notice that such Liens or Encumbrances have been filed or docketed against the Encroachment or any other property of Licensor; however, Licensee reserves the right to challenge, at its sole expense, the validity and/or enforceability of any such Liens or Encumbrances.

18. APPROVALS:

18.1 Whenever this Agreement requires the prior approval or consent of Licensor, Licensee shall make a timely written request to Licensor therefor; and such approval or consent shall be obtained in writing. Except where this Agreement expressly obligates Licensor not to unreasonably withhold its approval or consent to any of Licensee's actions or requests, Licensor has the absolute right, in its sole and arbitrary discretion, to refuse any request Licensee makes or to withhold its approval of any of Licensee's proposed or effected actions that require Licensor's approval.

18.2 Licensor makes no warranties or guarantees upon which Licensee may rely, and assumes no liability or obligation to Licensee, by providing any waiver, approval, consent, or suggestion to Licensee in connection with this Agreement, or by reason of any neglect, delay, or denial of any request therefor.

19. GENERAL PROVISIONS:

19.1 This Agreement, and the attachments hereto, contains the entire understanding between the parties hereto, and supersedes all other oral or written agreements and understandings between them, with respect to the subject matter hereof.

19.2 Except as otherwise expressly provided in this Agreement, neither this Agreement, any provision hereof, nor any agreement or provision included herein by reference, shall operate or be construed as being for the benefit of any third person.

19.3 Except as otherwise provided herein, or in any Exhibit, Schedule or other attachment hereto, neither the form of this Agreement, nor any language herein, shall be interpreted or construed in favor of or against either party hereto as the sole drafter thereof.

19.4 This Agreement is executed under current interpretation of applicable Federal, State, County, Municipal or other local statute, ordinance or law(s). However, each separate division (paragraph, clause, item, term, condition, covenant or agreement) herein shall have independent and severable status for the determination of legality, so that if any separate division is determined to be void or unenforceable for any reason, such determination shall have no effect upon the validity or enforceability of each other separate division, or any combination thereof.

19.5 This Agreement shall be construed and governed by the laws of the state in which the Facilities and Encroachment are located. In interpreting this Agreement, the singular shall be read as the plural in each instance as sense shall require. The words "include," "includes" and "including" when used in this Agreement will be interpreted as if they were followed by the words "without limitation."

19.6 If any amount due pursuant to the terms of this Agreement is not paid by the due date, it will be subject to Licensor's standard late charge and will also accrue interest at eighteen percent (18%) per annum, unless limited by local law, and then at the highest rate so permitted.

19.7 Licensee agrees to reimburse Licensor for all reasonable costs (including attorney's fees) incurred by Licensor for collecting any amount due under the Agreement.

19.8 The provisions of this License are considered confidential and may not be disclosed to a third party without the consent of the other party(s), except: (a) as required by statute, regulation or court order, (b) to a parent, affiliate or subsidiary company, (c) to an auditing firm or legal counsel that are agreeable to the confidentiality provisions, or (d) to Lessees of Licensor's land and/or track who are affected by the terms and conditions of this Agreement and will maintain the confidentiality of this Agreement.

19.9 Within thirty (30) days of an overpayment in a cumulative total amount of One Hundred Dollars (\$100.00) or more by Licensee to Licensor, Licensee shall notify Licensor

in writing with documentation evidencing such overpayment. Licensor shall refund the actual amount of Licensee's overpayment within one hundred twenty (120) days of Licensor's verification of such overpayment.

19.10 This Agreement may be executed in any number of counterparts, and such counterparts may be exchanged by electronic transmission. Upon execution by the parties hereto, each counterpart shall be deemed an original and together shall constitute one and the same instrument. A fully executed copy of this Agreement by electronic transmission shall be deemed to have the same legal effect as delivery of an original executed copy of this Agreement for all purposes.

19.11 Notwithstanding any other provision in this Agreement to the contrary, Licensor expressly reserves and does not waive any rights it may have under the Interstate Commerce Commission Termination Act of 1995, 49 U.S.C. § 10101, *et seq.*, the Federal Railroad Safety Act, 49 U.S.C. § 20101, *et seq.*, and/or any other federal law governing rail transportation and related operations.

20. CONTRACTOR'S ACCEPTANCE:

20.1 Licensee shall observe and abide by, and shall require Licensee's Contractors to observe and abide by the terms, conditions and provisions set forth in this Agreement. Prior to any commencement of work under this Agreement by Licensee's Contractor, Licensee shall require Licensee's Contractor to execute and deliver to Licensor the Contractor Acceptance form attached hereto as Schedule A to acknowledge Licensee's Contractor's agreement to observe and abide by terms and conditions of the Agreement.

[signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate (each of which shall constitute an original) as of the effective date of this Agreement.

Witness for Licensors:

CSX TRANSPORTATION, INC.

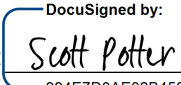
By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee:

**THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY**

By:  _____
994E7D0AE02B458...

Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee to the terms and conditions of this Agreement.

Print/Type Name: Scott Potter

Print/Type Title: Director, Water and Sewerage Services

Tax ID No.: 2-620694743-014-4

Schedule “A”

CONTRACTOR’S ACCEPTANCE

This Amendment is and shall be a part of Agreement No. CSX1039237, and is incorporated therein.

To and for the benefit of CSX TRANSPORTATION, INC. (“Licensor”) and to induce Licensor to permit the undersigned Licensee’s Contractor on or about Licensor’s property for the purposed of performing work in accordance with the Facility Encroachment Agreement dated May 29, 2025, between Licensee and Licensor, Licensee’s Contractor hereby agrees to abide by and perform all applicable terms of the Agreement, including, but not limited to Sections 3, 9, 10 of the Agreement.

Witness for Licensor:

CSX TRANSPORTATION INC.

By: _____

Print/Type Name: _____

Print/Type Title: _____

Witness for Licensee’s Contractor

LICENSEE’S CONTRACTOR

By: _____

Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee’s Contractor has the authority to do so and to bind the Licensee’s Contractor to the terms and conditions of this Agreement

NAME: _____

TITLE: _____

DATE: _____

CSX1039237

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |
MP 000 175.2103

EXHIBIT A

LAT, LONG 36.28943,-86.69082

CSX PROPERTY SERVICES REVIEW

☐ No Exceptions ☒ Exceptions Noted

This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.

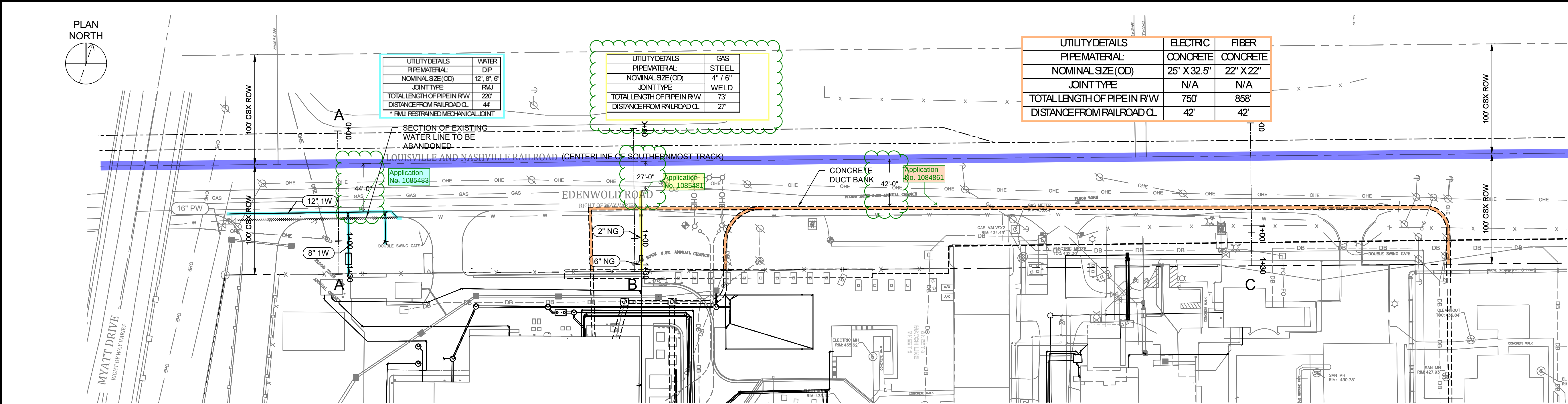
By: Nensi Patel

CSXT GENERAL NOTES:

1. REFER TO THE CSXT PIPELINE DESIGN & CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. TRENCH EXCAVATIONS SHALL BE OF SUCH DIMENSIONS AS TO PROVIDE AMPLE ROOM FOR CONSTRUCTION. TRENCH WIDTHS SHALL BE AT LEAST 12 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE (6-INCHES EITHER SIDE OF THE PIPE). THE BOTTOMOF THE TRENCH, IN SO FAR AS IS PRACTICAL, SHALL BE EXCAVATED TO PERMIT PROPER PLACEMENT OF THE PIPE. THE EXCAVATION FOR THE PIPELINE SHALL INCLUDE THE REMOVAL OF ANY OBSTRUCTIONS ENCOUNTERED. THE TRENCH SHALL BE EXCAVATED TO A DEPTH AT LEAST 3 INCHES BELOW THE OUTSIDE BOTTOM ELEVATION OF THE PLANNED PIPELINE. WHEN NECESSARY, ALL EXCAVATIONS SHOULD BE DEWATERED PRIOR TO AND DURING INSTALLATION AND BACKFILLING OF THE SYSTEM.
3. COMPACT ALL BACKFILL IN EXCAVATIONS AND TRENCHES TO 95% MAXIMUM DRY DENSITY AS DEFINED IN ASTM STANDARD D1557. USE CLEAN, SUITABLE BACKFILL MATERIAL, INSTALL IN SIX-INCH LIFTS AND COMPACT.
4. BEDDING MATERIAL SHALL BE GRANULAR BACKFILL IDENTICAL TO SUBBALLAST, OR A WELL GRADED CRUSHED STONE OR GRAVEL.
5. WHEN EXCAVATING WORK WILL BE WITHIN CSXT RIGHT-OF-WAY, SHORING PLANS AND OTHER REQUIRED MATERIAL MUST BE SUBMITTED TO CSXT DESIGNEE FOR APPROVAL PRIOR TO ANY CONSTRUCTION. ANY EXCAVATION/HOLE LESS THAN 15' FROM THE CENTERLINE OF NEAREST TRACK MUST BE FILLED OR PROPERLY SHORED PRIOR TO ANY TRAIN PASSING.
6. PIPELINE SHALL BE PROMINENTLY MARKED AT BOTH SIDES OF THE CSXT PROPERTY LINES BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE IN ACCORDANCE WITH CSXT SPECIFICATIONS.
7. ALL PRESSURE PIPELINES INSTALLED BY THE TRENCH METHOD, WITHOUT A CASING, SHAL HAVE A WARNING TAPE PLACED DIRECTLY ABOVE THE PIPELINE, 2 FEET BELOW THE GROUND SURFACE.
8. INSTALL HAND HOLES, SPLICE BOXES, AND MANHOLES PER THE REQUIREMENTS OF CSXT DESIGN & CONSTRUCTION SPECIFICATIONS. INSTALL THEM SO AS NOT TO CREATE A TRIPPING HAZARD OR TO INTERFERE WITH RAILROAD OPERATIONS.
9. NO CONSTRUCTION OR ENTRY UPON THE CSXT CORRIDOR IS PERMITTED UNTIL THE DOCUMENT TRANSACTION IS COMPLETED, YOU ARE IN RECEIPT OF A FULLY EXECUTED DOCUMENT, AND YOU HAVE OBTAINED AUTHORITY FROM THE LOCAL ROADMASTER.
10. IF REQUIRED, A DEWATERING PLAN IN ACCORDANCE WITH CSXT SPECIFICATIONS WILL BE SUBMITTED TO THE CSXT DESIGNEE FOR REVIEW AND APPROVAL PRIOR TO ANY DEWATERING OPERATIONS.
11. BLASTING IS NOT PERMITTED UNDER OR ON CSXT PROPERTY.
12. CSXT DOES NOT GRANT OR CONVEY AN EASEMENT FOR THIS INSTALLATION.
13. ALL PERSONNEL SHALL RECEIVE SAFETY BRIEFINGS BY A CSXT FLAGMAN OR DESIGNATED CSXT DESIGNEE EACH DAY BEFORE BEGINNING WORK ON THE RIGHT OF WAY. ADDITIONAL SAFETY BRIEFINGS MAY BE REQUIRED WHEN CONDITIONS AND/OR WORK SITES ARE CHANGED.
14. AGENCY OR ITS CONTRACTOR SHALL ARRANGE AND CONDUCT ITS WORK SO THAT THERE WILL BE NO INTERFERENCE WITH CSXT OPERATIONS, INCLUDING TRAIN, SIGNAL, TELEPHONE AND TELEGRAPHIC SERVICES, OR DAMAGES TO CSXT'S PROPERTY, OR TO POLES, WIRES, AND OTHER FACILITIES OF TENANTS OF CSXT'S PROPERTY OR RIGHT-OF-WAY.
15. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
16. ALL MATERIAL AND EQUIPMENT WILL BE STAGED TO NOT BLOCK ANY CSXT ACCESS OR MAINTENANCE ROADS. NO HOISTING OR AUXILIARY EQUIPMENT NECESSARY FOR THE PROCEDURE SHALL BE PLACED ON CSXT TRACK STRUCTURE AND / OR BALLAST SECTION. CLEAR WORKING LOCATIONS FOR EQUIPMENT USED WILL BE LAID OUT AND APPROVED BY THE CSXT FLAGGER PRIOR TO EQUIPMENT SET-UP.
17. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL ACTIVE RAILROAD FACILITIES, INCLUDING ELECTRICAL, WATER LINES, SEWER LINES, COMMUNICATION AND SIGNAL LINES AS WELL AS UNDERGROUND PIPING. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL EQUIPMENT AND MATERIAL A MINIMUM OF SIX (6) FEET FROM AFOREMENTIONED ELEVATED COMMUNICATION AND SIGNAL FACILITIES.
18. CONTRACTOR MUST CONDUCT ALL OF ITS WORK IN A SAFE MANNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH RULES, REGULATIONS, PROCEDURES AND SAFE PRACTICES OF CSXT, OSHA, THE FRA AND ALL OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE PROJECT.
19. OWNER SHALL REIMBURSE CSXT DIRECTLY FOR ALL COSTS OF FLAGGING AND INSPECTION SERVICE THAT ARE REQUIRED ON ACCOUNT OF CONSTRUCTION WITHIN CSXT PROPERTY SHOWN IN THE PLANS, OR COVERED BY AN APPROVED PLAN REVISION, SUPPLEMENTAL AGREEMENT OR CHANGE ORDER. INSPECTION SERVICE SHALL NOT RELIEVE CONTRACTOR FROM LIABILITY FOR ITS WORK.
20. OWNER OR CONTRACTOR SHALL GIVE A MINIMUM OF 30 DAYS' ADVANCE NOTICE TO CSXT DESIGNEE FOR ANTICIPATED NEED FOR FLAGGING AND INSPECTION SERVICE. NO WORK SHALL BE UNDERTAKEN UNTIL THE FLAG PERSON(S) AND INSPECTOR(S) IS/ ARE AT THE JOB SITE. IF IT IS NECESSARY FOR CSXT TO ADVERTISE A FLAGGING JOB FOR BID, CSXT SHALL NOT BE LIABLE FOR THE COST OF DELAYS ATTRIBUTABLE TO OBTAINING SUCH SERVICE.
21. THE RIGHT OF WAY SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO BEGINNING THE PROJECT BEFORE FINAL ACCEPTANCE WILL BE PROVIDED. PUNCH LISTS SHALL BE RESPONDED TO PRIOR TO ISSUANCE OF AN ACCEPTANCE MEMORANDUM SIGNED BY THE CSXT DESIGNEE.
22. IDENTIFY HAZARDS AND PUT CONTROLS IN PLACE PRIOR TO START OF EXCAVATION. STAKE OR MARK PIT AS NEEDED FOR DIGGING. ESTABLISH A LAYDOWN AREA ABOVE THE FLOOD ZONE TO PLACE MOTORIZED EQUIPMENT. PLACE SNOW FENCE AROUND PIT 20' BEYOND THE LEADING EDGE OF EXCAVATION. ALL EROSION CONTROL METHODS SHALL BE INSTALLED AND MAINTAINED USING BEST MANAGEMENT PRACTICES AS REQUIRED. APPLY LAYER OF WASHED STONE TO BASE OF EXCAVATION TO ESTABLISH PROPER LINE AND GRADE (6" MIN.).
23. BACKFILL, COVER OR FENCE ALL EXCAVATIONS WHEN UNATTENDED. THE CSXT DESIGNEE WILL APPROVE THE PROTECTION METHOD AND THE TYPE OF FENCING MATERIAL. SET FENCING BACK AT LEAST 3 FEET (91 CENTIMETERS) FROM THE EDGES OF THE EXCAVATION. SET FENCE POSTS SECURELY IN THE GROUND AND INSURE THE FENCING IS SECURELY TIED TO POSTS WITH ZIP TIES OR SOME OTHER TIE WRAP PRODUCT.
24. IF THE EXCAVATION IS 5 FEET OR GREATER IN DEPTH, THE WALLS MAY BE SLOPED AT 1.5 HORIZONTAL TO 1 VERTICAL TO REDUCE THE RISK OF CAVE-INS OR SLIDES. A SAFE MANNER IN WHICH TO ENTER AND EXIT THE EXCAVATION MUST BE ESTABLISHED. THE TOE OF SLOPES IN EXCAVATION SHALL IN NO CASE BE UNDERCUT BY POWER SHOVELS, BULLDOZERS, GRADERS, BLASTING, OR IN ANY MANNER. EXCAVATION SHALL NOT BE MADE IN EXCESS OF THE AUTHORIZED CROSS-SECTION.
25. AVOID THE NEED FOR WORKERS TO BE IN TRENCHES WHENEVER POSSIBLE. FOR EXAMPLE, WHEN TRENCHING IN A CONDUIT SYSTEM, THE PIPE TO BE PLACED SHOULD BE ASSEMBLED ABOVE THE TRENCH AND LOWERED DOWN INTO THE TRENCH. WHEN WORKERS ARE REQUIRED TO GO INTO AN EXCAVATION, SHORING AND CONFINED SPACE REQUIREMENTS WILL GOVERN.
26. PROJECTS THAT GENERATE SOILS FROM CSXT PROPERTY MUST ADHERE TO CSXT'S SOIL MANAGEMENT POLICIES. CSXT REQUIRES SOILS GENERATED FROM ITS PROPERTY TO EITHER BE REUSED ON CSXT PROPERTY OR PROPERLY DISPOSED IN A CSXT APPROVED DISPOSAL FACILITY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING INTO AN APPROVED DISPOSAL FACILITY. CSXT PROHIBITS ANY ENVIRONMENTAL SAMPLING ON ITS PROPERTY UNLESS GRANTED THROUGH AN WRITTEN ENVIRONMENTAL RIGHT-OF-ENTRY OR APPROVED IN WRITING BY THE CSXT ENVIRONMENTAL DEPARTMENT. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON CSXT PROPERTY. A LIST OF CSXT APPROVED LABORATORIES AND/OR DISPOSAL FACILITIES MAY BE OBTAINED FROM THE CSXT MANAGER ENVIRONMENTAL PROGRAMS.
27. CONTRACTOR ALSO HAS THE SOLE RESPONSIBILITY OF ASCERTAINING THAT ALL OTHER UTILITIES HAVE BEEN PROPERLY LOCATED BY COMPLYING WITH THE LOCAL "CALL BEFORE YOU DIG" REGULATION(S). CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR NOTIFYING OWNERS OF ADJACENT PROPERTIES AND OF UNDERGROUND FACILITIES AND UTILITY OWNERS WHEN PROSECUTION OF THE WORK MAY AFFECT THEM, AND SHALL COOPERATE WITH THEM IN THE PROTECTION, REMOVAL, RELOCATION AND REPLACEMENT OF THEIR PROPERTY.
28. CONTRACTOR SHALL CONDUCT "PRE-DIG" MEETING PRIOR TO CONSTRUCTION WORK, WITH ALL SUBCONTRACTORS AND WORKERS TO REVIEW THE LOCATION OF ALL UTILITIES AS MARKED OUT, EXCAVATION PROCEDURES, AND TO CONFIRM THE "ONE CALL" REQUEST. THIS PERMIT IS SUBJECT TO ANY EXISTING UTILITIES THAT MAY BE IN CONFLICT WITH THE DESIGN AND REQUIRES POTHOLING. ALL EXISTING UTILITIES ARE REQUIRED TO BE POTHOLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH CSXT SPECIFICATIONS. HAND EXPOSE LINES TO A POINT OF NO CONFLICT (24 INCHES ON EITHER SIDE OF THE UNDERGROUND INSTALLATION). IF MARKED UTILITY CANNOT BE LOCATED, EXCAVATION MUST NOT PROCEED AND YOU MUST NOTIFY THE ONE CALL NUMBER OR UTILITY COMPANY TO PROVIDE ADDITIONAL INFORMATION TO DETERMINE THE EXACT LOCATION.
29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.

Path: C:\USER\STALBAYAT\DCAC00CSXBROWN AND CALDWELL BIM 360 HUB\157437 - MWS DRY CREEK HEADWORKS-DRYER DESIGN\PROJECT FILES\03-CIVILSHEETS FILENAME: C-01-401 RAILROAD.DWG PLOT DATE: 6/5/2025 8:39 AM CAD USER: TEIF ALBAYATI



PLAN
SCALE: 1" = 50'

CSX NOTES:

- NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
- ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
- NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
- ITEMS SHOWN IN GRAY ARE EXISTING ITEMS. ITEMS IN BLACK ARE NEW ITEMS.
- NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
- NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits.
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

Provide an explanation on why concrete encasement is necessary and why a casing pipe cannot be provided?

UTILITY DETAILS	WATER	GAS	ELECTRIC	FIBER
PIPE MATERIAL:	DIP	STEEL	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	12" / 8" / 6"	4" / 6"	25" X 32.5"	22" X 22"
JOINT TYPE	*RMJ	WELD	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	220'	73'	750'	858'
DISTANCE FROM RAILROAD CL	44'	27'	42'	42'

*RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe

TITLEBLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME
C-01-401 RAILROAD.DWG
BC PROJECT NUMBER
157437
CLIENT PROJECT NUMBER
21SC0227

CIVIL

DRY CREEK WRF
CSX ROW
CONSTRUCTION

PLAN

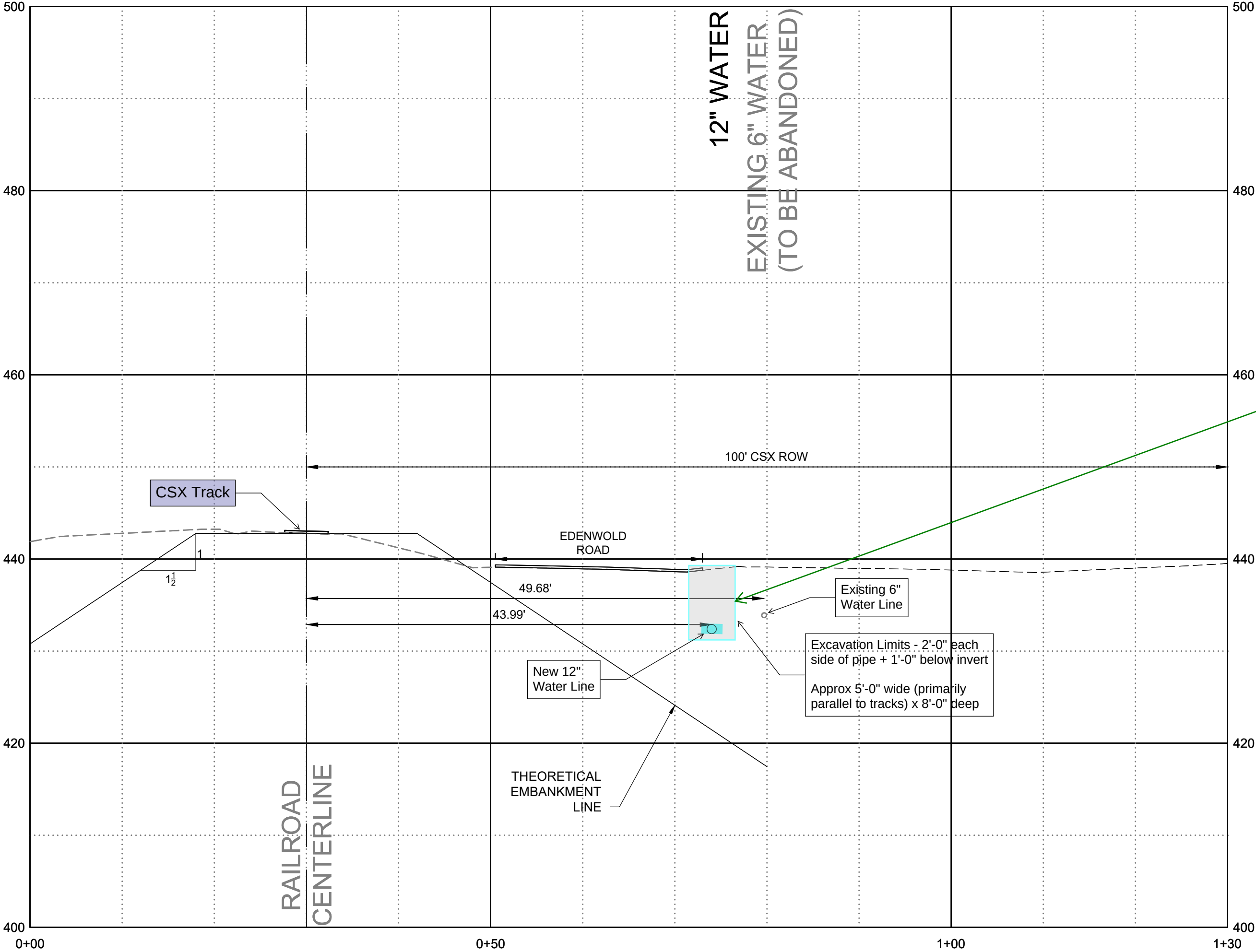
DRAWING NUMBER

1 OF 4

Path: C:\USER\TALBAYATI\DCAC\DCS\BROWN AND CALDWELL BIM 360 HUB\157437 - MWS DRY CREEK HEADWORKS-DRYER DESIGN\PROJECT FILES\03-CIVIL\SHEETS FILENAME: C-01-401 RAILROAD.DWG PLOT DATE: 6/4/2025 10:16 AM CAD USER: TEIF ALBAYATI

UTILITY DETAILS	WATER
PIPE MATERIAL	DIP
NOMINAL SIZE (OD)	12", 8", 6"
JOINT TYPE	RMJ
TOTAL LENGTH OF PIPE IN R/W	220'
DISTANCE FROM RAILROAD CL	44'

* RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe



SECTION A-A
SCALE:
H: 1" =10'
V: 1" =10'

CSX NOTES:

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS (NOT ALL EXISTING UTILITIES ARE SHOWN). ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

This is a partial replacement of an existing waterline. Due to the tie-in location, the location that is shown represents the furthest from the rail the line can feasibly be installed



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME
C-01-401 RAILROAD.DWG
BC PROJECT NUMBER
157437
CLIENT PROJECT NUMBER
21SC0227

CIVIL

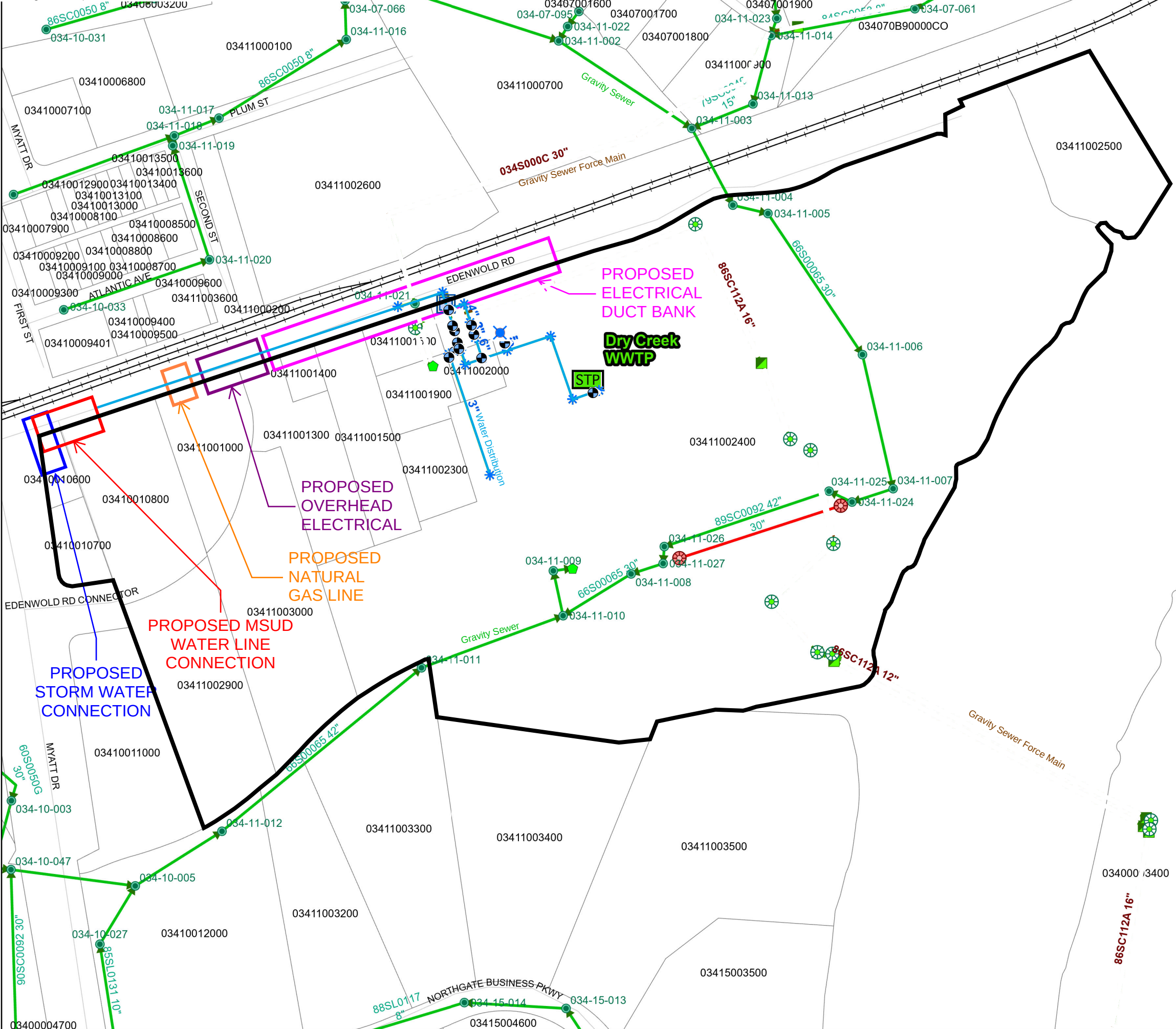
DRY CREEK WRF
CSX ROW
CONSTRUCTION

SECTION A

TITLEBLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N

DRAWING NUMBER

2 OF 4



LEGEND

- | | |
|---|---|
| Proposed MSUD Water Line Connection ~ 120' of 12" pipe and fire hydrant | Proposed Overhead Electrical |
| Proposed Storm water Connection ~ 100' of pipe | Proposed Natural Gas Line Connection ~ 60' of 2" NG |
| Existing Sanitary Sewer Manhole | Proposed Electrical Duct Bank and associated man hole elocation ~ 850' of duct bank |
| Existing Sanitary Sewer Structure | Existing Water Hydrant |
| Existing Gravity Sewer Force Main | Existing Water System Valve |
| Existing Sewer Treatment Plants | Existing Water Distribution |
| Existing Gravity Sewer | Abandoned Gravity Sewer |
| | Existing Railroads |

DATE: 12/17/2024

ENGINEERING FIRM: Brown and Caldwell
ENGINEER: Jonathan Miller

COUNCIL DISTRICT: Council District 10
PARCEL NUMBERS: 03411002400

----- CAUTION -----

THE POSITION OF THE WATER AND SANITARY SEWER MAINS SHOWN ARE APPROXIMATE AND ARE INTENDED TO SHOW THE GENERAL LOCATION ONLY. THE SIZES NOTED ARE TO THE BEST OF MWS KNOWLEDGE. IN ALL CASES WHERE PRECISE LOCATION AND MAIN SIZES ARE REQUIRED, FIELD VERIFICATION WILL BE NECESSARY.

0 75 150 300 Feet



IN WITNESS WHEREOF, the parties hereto have executed this contract.

THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY
DEPARTMENT OF WATER AND SEWERAGE
SERVICES

DocuSigned by:
RECOMMENDED BY:

Scott Potter

994E7D0AE02B458...

Scott A. Potter, Director
Water and Sewerage Services

DATE: 10/7/2025

APPROVED AS TO THE
~~AVAILABILITY~~ AVAILABILITY OF FUNDS:

Jenneen Reed

62377A2A8742469...

Jenneen Reed, Director
Department of Finance

DATE: 10/8/2025

APPROVED AS TO FORM AND
~~LEGALITY~~ LEGALITY:

Hannah Britlin

D7D0937A5DCA5413

Assistant Metropolitan Attorney

DATE: 10/8/2025

THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY:

Freddie O'Connell, Mayor

DATE: _____

ATTEST:

Metropolitan Clerk
Austin Kyle

DATE: _____

ORIGINAL

METROPOLITAN COUNTY COUNCIL

Resolution No.

A resolution authorizing The Metropolitan Government of Nashville and Davidson County, acting by and through Metro Water Services, to enter into three Facility Encroachment Agreements with CSX TRANSPORTATION, INC. to construct, use and maintain fiber optics, wirelines, natural gas and water main in the railroad right-of-way at 61 Edenwold Road, in Davidson County, (Project No. 21-SC-0227 and Proposal No. 2025M-045AG-001).

Introduced

Amended

Adopted

Approved

By
Metropolitan Mayor



September 24, 2025

To: Peggy Deaner Metro Water Services

**Re: Dry Creek WRF – CSX Facility Encroachment Agreements
Planning Commission Mandatory Referral 2025M-045AG-001
Council District # 09 Tonya Hancock, Council Member
Council District # 10 Jennifer Webb, Council Member**

On behalf of the Metropolitan Planning Commission, the following item, referred to the Commission as required by the Metro Charter, has been recommended for *approval* to the Metropolitan Council:

A request for three (3) Facility Encroachment Agreements between CSX and Metro acting through Metro Water Services. I've also included a general vicinity sketch showing where the various encroachments are located. All three agreements are part of the Dry Creek WRF project. CSX 1037297 is for fiber optics and wirelines. CSX 1039236 is for a natural gas pipeline. CSX 1039237 is for a potable water pipeline. MWS is working with Scott Hazzard at Piedmont and Michael Thorn at NES on this project.

The relevant Metro agencies (Metro Parks, Nashville Department of Transportation, Metro Water Services, Metro Emergency Communications, the Nashville Electric Service, General Services-Public Property and the Metro Historical Commission) have reviewed the proposal and concur in the recommendation for approval. This request must be approved by the Metro Council to become effective. A sketch showing the location of the request is attached to this letter.

Conditions that apply to this approval: none

This recommendation for approval is given as set forth in the Metropolitan Planning Commission Rules and Procedures. If you have any questions about this matter, please contact Delilah Rhodes at Delilah.Rhodes@nashville.gov or 615-862-7208

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert Leeman".

Robert Leeman, AICP
Assistant Director Land Development
Metro Planning Department
cc: Metro Clerk

CSX1037297

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |

EXHIBIT A

MP 000 175.2103

|

LAT, LONG 36.28943,-86.69082

CSX PROPERTY SERVICES REVIEW

☐ No Exceptions ☒ Exceptions Noted

This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.

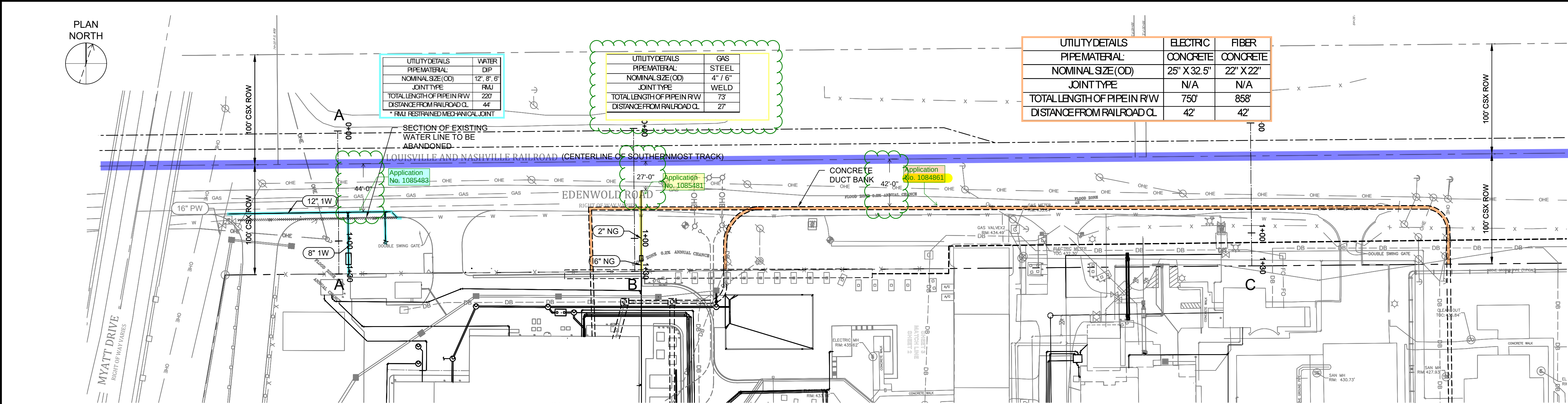
By: Nensi Patel

CSXT GENERAL NOTES:

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26. PROJECTS THAT GENERATE SOILS FROM CSXT PROPERTY MUST ADHERE TO CSXT'S SOIL MANAGEMENT POLICIES. CSXT REQUIRES SOILS GENERATED FROM ITS PROPERTY TO EITHER BE REUSED ON CSXT PROPERTY OR PROPERLY DISPOSED IN A CSXT APPROVED DISPOSAL FACILITY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING INTO AN APPROVED DISPOSAL FACILITY. CSXT PROHIBITS ANY ENVIRONMENTAL SAMPLING ON ITS PROPERTY UNLESS GRANTED THROUGH AN WRITTEN ENVIRONMENTAL RIGHT-OF-ENTRY OR APPROVED IN WRITING BY THE CSXT ENVIRONMENTAL DEPARTMENT. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON CSXT PROPERTY. A LIST OF CSXT APPROVED LABORATORIES AND/OR DISPOSAL FACILITIES MAY BE OBTAINED FROM THE CSXT MANAGER ENVIRONMENTAL PROGRAMS.
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28. CONTRACTOR SHALL CONDUCT "PRE-DIG" MEETING PRIOR TO CONSTRUCTION WORK, WITH ALL SUBCONTRACTORS AND WORKERS TO REVIEW THE LOCATION OF ALL UTILITIES AS MARKED OUT, EXCAVATION PROCEDURES, AND TO CONFIRM THE "ONE CALL" REQUEST. THIS PERMIT IS SUBJECT TO ANY EXISTING UTILITIES THAT MAY BE IN CONFLICT WITH THE DESIGN AND REQUIRES POTHOLING. ALL EXISTING UTILITIES ARE REQUIRED TO BE POTHOLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH CSXT SPECIFICATIONS. HAND EXPOSE LINES TO A POINT OF NO CONFLICT (24 INCHES ON EITHER SIDE OF THE UNDERGROUND INSTALLATION). IF MARKED UTILITY CANNOT BE LOCATED, EXCAVATION MUST NOT PROCEED AND YOU MUST NOTIFY THE ONE CALL NUMBER OR UTILITY COMPANY TO PROVIDE ADDITIONAL INFORMATION TO DETERMINE THE EXACT LOCATION.
29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.

Path: C:\USERSTALBAYATI\DCAC00CSXBROWN AND CALDWELL BIM 360 HUB\157437 - MWS DRY CREEK HEADWORKS-DRYER DESIGN\PROJECT FILES\03-CIVILSHEETS FILENAME: C-01-401 RAILROAD.DWG PLOT DATE: 6/5/2025 8:39 AM CAD USER: TEIF ALBAYATI



PLAN
SCALE: 1" = 50'

CSX NOTES:

- NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
- ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
- NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
- ITEMS SHOWN IN GRAY ARE EXISTING ITEMS. ITEMS IN BLACK ARE NEW ITEMS.
- NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
- NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits.
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

Provide an explanation on why concrete encasement is necessary and why a casing pipe cannot be provided?

UTILITY DETAILS	WATER	GAS	ELECTRIC	FIBER
PIPE MATERIAL:	DIP	STEEL	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	12" / 8" / 6"	4" / 6"	25" X 32.5"	22" X 22"
JOINT TYPE	*RMJ	WELD	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	220'	73'	750'	858'
DISTANCE FROM RAILROAD CL	44'	27'	42'	42'

*RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe

TITLEBLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME
C-01-401 RAILROAD.DWG
BC PROJECT NUMBER
157437
CLIENT PROJECT NUMBER
21SC0227

CIVIL
DRY CREEK WRF
CSX ROW
CONSTRUCTION

PLAN

DRAWING NUMBER

1 OF 4

CSX1039236

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |
MP 000 175.2103

EXHIBIT A

LAT, LONG 36.28943,-86.69082

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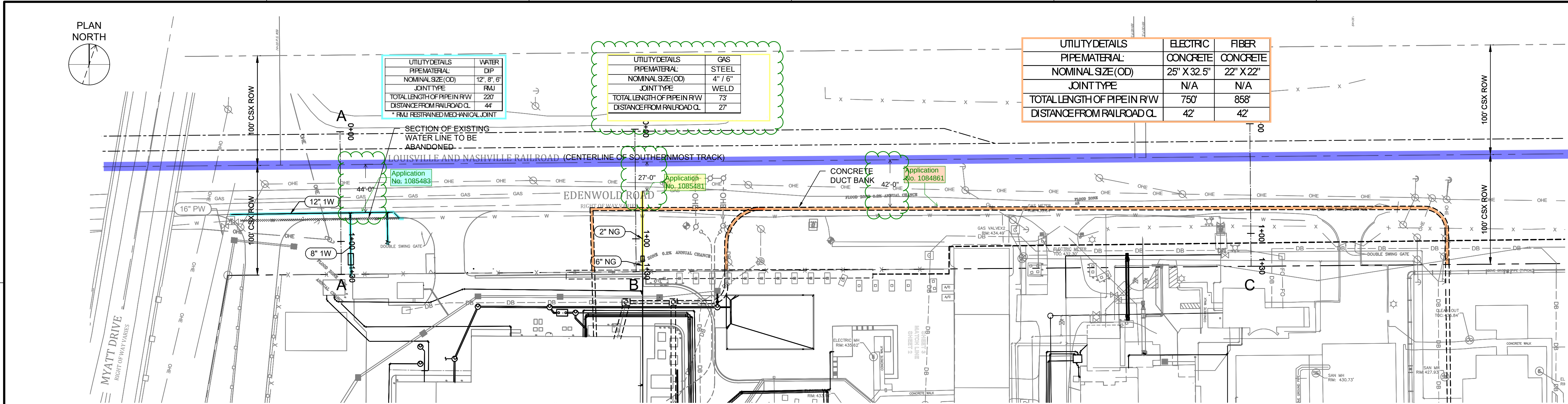
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By: Nansi Patel

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28. CONTRACTOR SHALL CONDUCT “PRE-DIG” MEETING PRIOR TO CONSTRUCTION WORK, WITH ALL SUBCONTRACTORS AND WORKERS TO REVIEW THE LOCATION OF ALL UTILITIES AS MARKED OUT, EXCAVATION PROCEDURES, AND TO CONFIRM THE “ONE CALL” REQUEST. THIS PERMIT IS SUBJECT TO ANY EXISTING UTILITIES THAT MAY BE IN CONFLICT WITH THE DESIGN AND REQUIRES POTHOLING. ALL EXISTING UTILITIES ARE REQUIRED TO BE POTHOLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH CSXT SPECIFICATIONS. HAND EXPOSE LINES TO A POINT OF NO CONFLICT (24 INCHES ON EITHER SIDE OF THE UNDERGROUND INSTALLATION). IF MARKED UTILITY CANNOT BE LOCATED, EXCAVATION MUST NOT PROCEED AND YOU MUST NOTIFY THE ONE CALL NUMBER OR UTILITY COMPANY TO PROVIDE ADDITIONAL INFORMATION TO DETERMINE THE EXACT LOCATION.
29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.



PLAN
SCALE: 1" = 50'

UTILITY DETAILS	ELECTRIC	FIBER
PIPE MATERIAL:	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	25" X 32.5"	22" X 22"
JOINT TYPE	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	750'	858'
DISTANCE FROM RAILROAD CL	42'	42'

UTILITY DETAILS	WATER
PIPE MATERIAL:	DIP
NOMINAL SIZE (OD)	12", 8", 6"
JOINT TYPE	RMJ
TOTAL LENGTH OF PIPE IN R/W	220'
DISTANCE FROM RAILROAD CL	44'

* RMJ: RESTRAINED MECHANICAL JOINT

UTILITY DETAILS	GAS
PIPE MATERIAL	STEEL
NOMINAL SIZE (OD)	4" / 6"
JOINT TYPE	WELD
TOTAL LENGTH OF PIPE IN R/W	73'
DISTANCE FROM RAILROAD CL	27'

UTILITY DETAILS	WATER	GAS	ELECTRIC	FIBER
PIPE MATERIAL:	DIP	STEEL	CONCRETE	CONCRETE
NOMINAL SIZE (OD)	12", 8", 6"	4" / 6"	25" x 32.5"	22" x 22"
JOINT TYPE	*RWJ	WELD	N/A	N/A
TOTAL LENGTH OF PIPE IN R/W	220'	73'	750'	858'
DISTANCE FROM RAILROAD CL	44'	27'	42'	42'

Casing pipe was considered for this project; however, a concrete duct bank was chosen for the following reasons:

- Concrete duct banks are industry standard for multiple ducts in one cable run.
- Concrete duct banks aid in installation. It is more difficult to ensure a proper installation when threading multiple conduits through a casing pipe.
- Concrete encasement provides a secure, reinforced protection for the conduits.
- Casing pipes are typically installed via boring machine, which inherently introduce risk due to potential unknown subsurface conditions

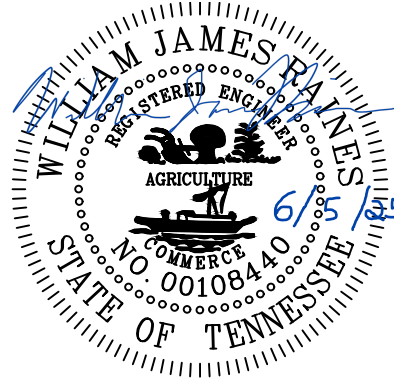
Provide an explanation on why concrete encasement is necessary and why a casing pipe cannot be provided ?

TITLE BLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF HEADWORKS AND CLASS A BIOSOLIDS IMPROVEMENTS

[illegible]

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME

C-01-401 RAILROAD.DWG

BC PROJECT NUMBER
157107

157437
CLIENT PROJECT

CLIENT PROJECT NUMBER
21SC0227

CIVIL

DRY CREEK WRF
CSX ROW
CONSTRUCTION

PLAN

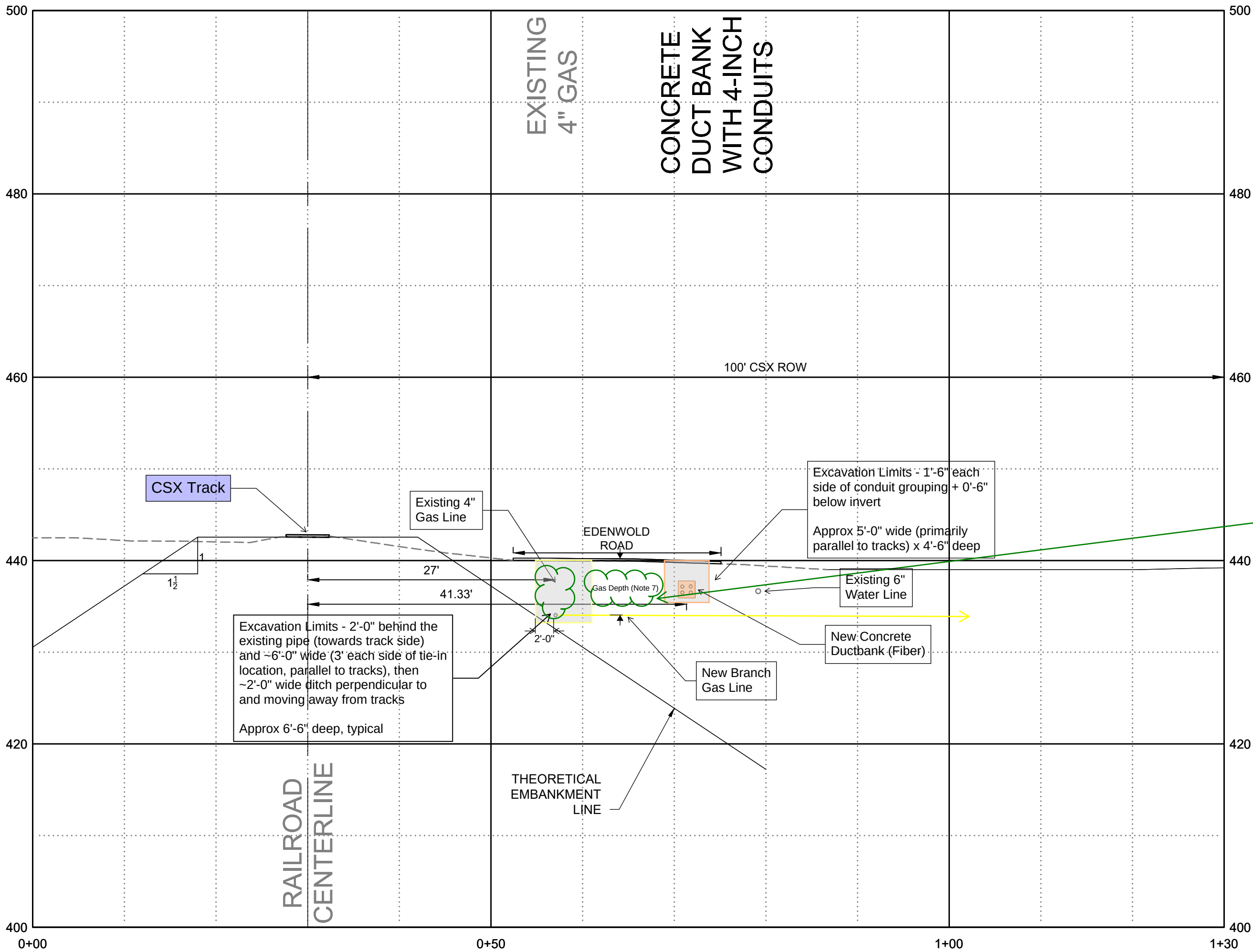
DRAWING NUMBER

1

OF

4

Path: C:\USER\TALBAYATI\DCAC\DCS\BROWN AND CALDWELL BIM 360 HUB\157437 - MWS DRY CREEK HEADWORKS-DRYER DESIGN\PROJECT FILES\03-CIVIL\SHEETS FILENAME: C-01-401 RAILROAD.DWG PLOT DATE: 6/4/2025 10:16 AM CAD USER: TEIF ALBAYATI



SECTION B-B
SCALE:
H: 1" = 10'
V: 1" = 10'

For gas line - Pipelines laid longitudinally on CSXT's right-of-way, 50 feet or less from centerline track shall be buried not less than 6 feet from ground surface to top of pipe. Where the pipeline is laid more than 50 feet from centerline of track, the minimum cover shall be at least 5 feet.

CSX NOTES:

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS (NOT ALL EXISTING UTILITIES ARE SHOWN). ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.
7. NEW GAS LINE MINIMUM BURY DEPTHS
WITHIN 50' OF RAIL - 6'-0"
GREATER THAN 50' FROM RAIL AND WITHIN ROW - 5'-0"

Gas Line - We are connecting to an existing line, so this cannot be relocated.

Electrical - The location that is shown represents the furthest from the rail the line can feasibly be installed. The existing 6" water line at approximately 50' from the track was inadvertently omitted on the previous version. It has been added here.

Gas Line Depth - The depth of the existing line is assumed based on best available information from the Utility Provider. Any new piping will comply with requirements as outlined here. See added note 7 above.

Gas Line Material of Construction - Utility Provider has confirmed that the existing line is a 4" steel line. They have additionally confirmed that the new section will be steel as required in all locations within the ROW. Table has been revised, multiple sheets.

Application No. 1085481
Application No. 1084861

UTILITY DETAILS	GAS	FIBER
PIPE MATERIAL	STEEL	CONCRETE
NOMINAL SIZE (OD)	4" / 6"	22" X 22"
JOINT TYPE	WELD	N/A
TOTAL LENGTH OF PIPE IN R/W	73	858
DISTANCE FROM RAILROAD CL	27	42

TITLE BLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS		
REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED:	W. RAINES
DRAWN:	T. ALBAYATI
CHECKED:	W. RAINES
CHECKED:	
APPROVED:	W. RAINES
FILENAME	C-01-401 RAILROAD.DWG
BC PROJECT NUMBER	157437
CLIENT PROJECT NUMBER	21SC0227

CIVIL
DRY CREEK WRF
CSX ROW
CONSTRUCTION

SECTION B

DRAWING NUMBER
3 OF 4

CSX1039237

NASHVILLE, DAVIDSON, TENNESSEE | NASHVILLE TERMINAL (NT) DIVISION | ST NASHVILLE TERMINAL (NA) SUBDIVISION |
MP 000 175.2103

EXHIBIT A

LAT, LONG 36.28943,-86.69082

CSX PROPERTY SERVICES REVIEW

☐ No Exceptions ☒ Exceptions Noted

This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.

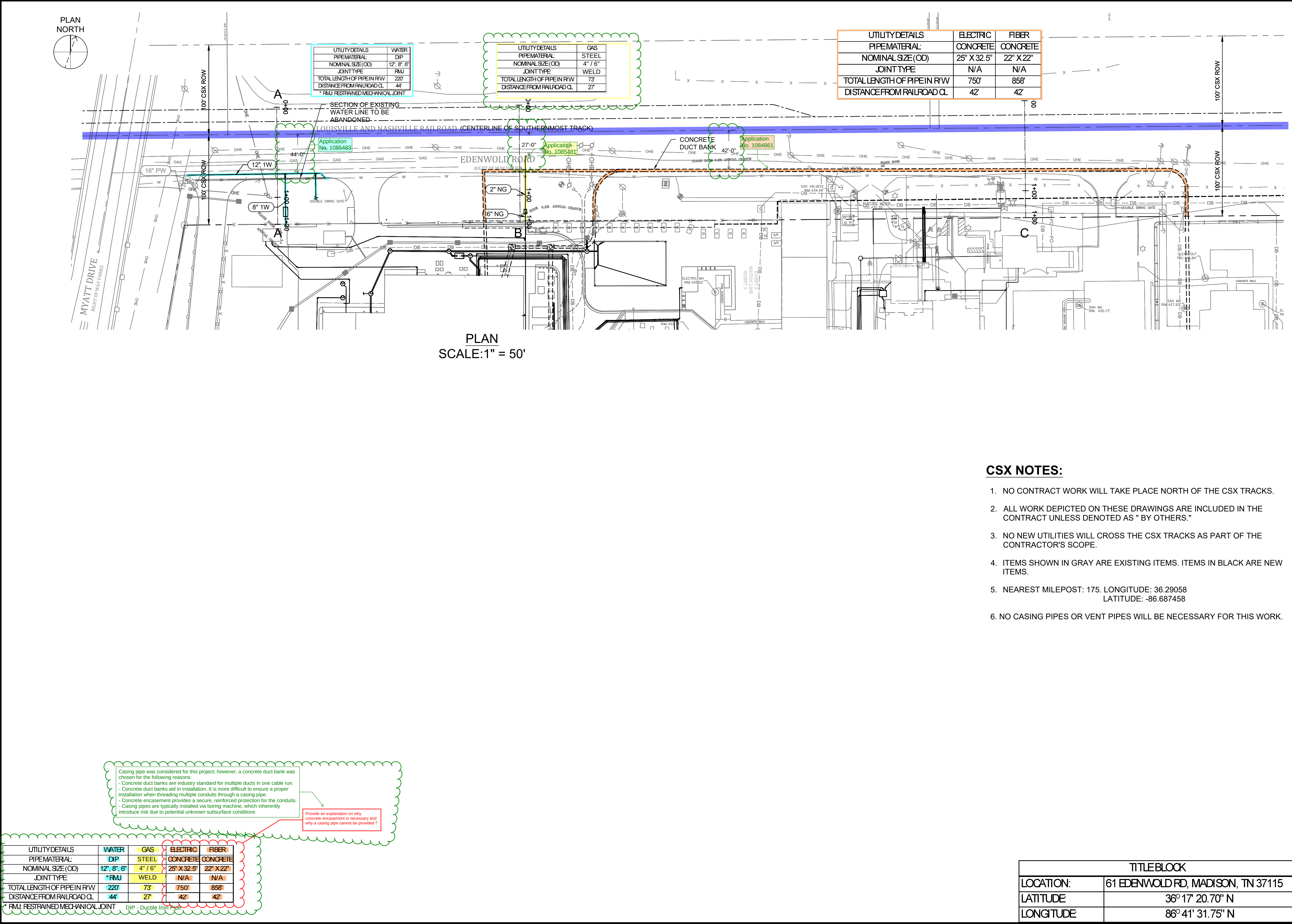
By: Nensi Patel

CSXT GENERAL NOTES:

1. REFER TO THE CSXT PIPELINE DESIGN & CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. TRENCH EXCAVATIONS SHALL BE OF SUCH DIMENSIONS AS TO PROVIDE AMPLE ROOM FOR CONSTRUCTION. TRENCH WIDTHS SHALL BE AT LEAST 12 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE (6-INCHES EITHER SIDE OF THE PIPE). THE BOTTOMOF THE TRENCH, IN SO FAR AS IS PRACTICAL, SHALL BE EXCAVATED TO PERMIT PROPER PLACEMENT OF THE PIPE. THE EXCAVATION FOR THE PIPELINE SHALL INCLUDE THE REMOVAL OF ANY OBSTRUCTIONS ENCOUNTERED. THE TRENCH SHALL BE EXCAVATED TO A DEPTH AT LEAST 3 INCHES BELOW THE OUTSIDE BOTTOM ELEVATION OF THE PLANNED PIPELINE. WHEN NECESSARY, ALL EXCAVATIONS SHOULD BE DEWATERED PRIOR TO AND DURING INSTALLATION AND BACKFILLING OF THE SYSTEM.
3. COMPACT ALL BACKFILL IN EXCAVATIONS AND TRENCHES TO 95% MAXIMUM DRY DENSITY AS DEFINED IN ASTM STANDARD D1557. USE CLEAN, SUITABLE BACKFILL MATERIAL, INSTALL IN SIX-INCH LIFTS AND COMPACT.
4. BEDDING MATERIAL SHALL BE GRANULAR BACKFILL IDENTICAL TO SUBBALLAST, OR A WELL GRADED CRUSHED STONE OR GRAVEL.
5. WHEN EXCAVATING WORK WILL BE WITHIN CSXT RIGHT-OF-WAY, SHORING PLANS AND OTHER REQUIRED MATERIAL MUST BE SUBMITTED TO CSXT DESIGNEE FOR APPROVAL PRIOR TO ANY CONSTRUCTION. ANY EXCAVATION/HOLE LESS THAN 15' FROM THE CENTERLINE OF NEAREST TRACK MUST BE FILLED OR PROPERLY SHORED PRIOR TO ANY TRAIN PASSING.
6. PIPELINE SHALL BE PROMINENTLY MARKED AT BOTH SIDES OF THE CSXT PROPERTY LINES BY DURABLE, WEATHERPROOF SIGNS LOCATED OVER THE CENTERLINE OF THE PIPE IN ACCORDANCE WITH CSXT SPECIFICATIONS.
7. ALL PRESSURE PIPELINES INSTALLED BY THE TRENCH METHOD, WITHOUT A CASING, SHAL HAVE A WARNING TAPE PLACED DIRECTLY ABOVE THE PIPELINE, 2 FEET BELOW THE GROUND SURFACE.
8. INSTALL HAND HOLES, SPLICE BOXES, AND MANHOLES PER THE REQUIREMENTS OF CSXT DESIGN & CONSTRUCTION SPECIFICATIONS. INSTALL THEM SO AS NOT TO CREATE A TRIPPING HAZARD OR TO INTERFERE WITH RAILROAD OPERATIONS.
9. NO CONSTRUCTION OR ENTRY UPON THE CSXT CORRIDOR IS PERMITTED UNTIL THE DOCUMENT TRANSACTION IS COMPLETED, YOU ARE IN RECEIPT OF A FULLY EXECUTED DOCUMENT, AND YOU HAVE OBTAINED AUTHORITY FROM THE LOCAL ROADMASTER.
10. IF REQUIRED, A DEWATERING PLAN IN ACCORDANCE WITH CSXT SPECIFICATIONS WILL BE SUBMITTED TO THE CSXT DESIGNEE FOR REVIEW AND APPROVAL PRIOR TO ANY DEWATERING OPERATIONS.
11. BLASTING IS NOT PERMITTED UNDER OR ON CSXT PROPERTY.
12. CSXT DOES NOT GRANT OR CONVEY AN EASEMENT FOR THIS INSTALLATION.
13. ALL PERSONNEL SHALL RECEIVE SAFETY BRIEFINGS BY A CSXT FLAGMAN OR DESIGNATED CSXT DESIGNEE EACH DAY BEFORE BEGINNING WORK ON THE RIGHT OF WAY. ADDITIONAL SAFETY BRIEFINGS MAY BE REQUIRED WHEN CONDITIONS AND/OR WORK SITES ARE CHANGED.
14. AGENCY OR ITS CONTRACTOR SHALL ARRANGE AND CONDUCT ITS WORK SO THAT THERE WILL BE NO INTERFERENCE WITH CSXT OPERATIONS, INCLUDING TRAIN, SIGNAL, TELEPHONE AND TELEGRAPHIC SERVICES, OR DAMAGES TO CSXT'S PROPERTY, OR TO POLES, WIRES, AND OTHER FACILITIES OF TENANTS OF CSXT'S PROPERTY OR RIGHT-OF-WAY.
15. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
16. ALL MATERIAL AND EQUIPMENT WILL BE STAGED TO NOT BLOCK ANY CSXT ACCESS OR MAINTENANCE ROADS. NO HOISTING OR AUXILIARY EQUIPMENT NECESSARY FOR THE PROCEDURE SHALL BE PLACED ON CSXT TRACK STRUCTURE AND / OR BALLAST SECTION. CLEAR WORKING LOCATIONS FOR EQUIPMENT USED WILL BE LAID OUT AND APPROVED BY THE CSXT FLAGGER PRIOR TO EQUIPMENT SET-UP.
17. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL ACTIVE RAILROAD FACILITIES, INCLUDING ELECTRICAL, WATER LINES, SEWER LINES, COMMUNICATION AND SIGNAL LINES AS WELL AS UNDERGROUND PIPING. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL EQUIPMENT AND MATERIAL A MINIMUM OF SIX (6) FEET FROM AFOREMENTIONED ELEVATED COMMUNICATION AND SIGNAL FACILITIES.
18. CONTRACTOR MUST CONDUCT ALL OF ITS WORK IN A SAFE MANNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH RULES, REGULATIONS, PROCEDURES AND SAFE PRACTICES OF CSXT, OSHA, THE FRA AND ALL OTHER GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE PROJECT.
19. OWNER SHALL REIMBURSE CSXT DIRECTLY FOR ALL COSTS OF FLAGGING AND INSPECTION SERVICE THAT ARE REQUIRED ON ACCOUNT OF CONSTRUCTION WITHIN CSXT PROPERTY SHOWN IN THE PLANS, OR COVERED BY AN APPROVED PLAN REVISION, SUPPLEMENTAL AGREEMENT OR CHANGE ORDER. INSPECTION SERVICE SHALL NOT RELIEVE CONTRACTOR FROM LIABILITY FOR ITS WORK.
20. OWNER OR CONTRACTOR SHALL GIVE A MINIMUM OF 30 DAYS' ADVANCE NOTICE TO CSXT DESIGNEE FOR ANTICIPATED NEED FOR FLAGGING AND INSPECTION SERVICE. NO WORK SHALL BE UNDERTAKEN UNTIL THE FLAG PERSON(S) AND INSPECTOR(S) IS/ ARE AT THE JOB SITE. IF IT IS NECESSARY FOR CSXT TO ADVERTISE A FLAGGING JOB FOR BID, CSXT SHALL NOT BE LIABLE FOR THE COST OF DELAYS ATTRIBUTABLE TO OBTAINING SUCH SERVICE.
21. THE RIGHT OF WAY SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO BEGINNING THE PROJECT BEFORE FINAL ACCEPTANCE WILL BE PROVIDED. PUNCH LISTS SHALL BE RESPONDED TO PRIOR TO ISSUANCE OF AN ACCEPTANCE MEMORANDUM SIGNED BY THE CSXT DESIGNEE.
22. IDENTIFY HAZARDS AND PUT CONTROLS IN PLACE PRIOR TO START OF EXCAVATION. STAKE OR MARK PIT AS NEEDED FOR DIGGING. ESTABLISH A LAYDOWN AREA ABOVE THE FLOOD ZONE TO PLACE MOTORIZED EQUIPMENT. PLACE SNOW FENCE AROUND PIT 20' BEYOND THE LEADING EDGE OF EXCAVATION. ALL EROSION CONTROL METHODS SHALL BE INSTALLED AND MAINTAINED USING BEST MANAGEMENT PRACTICES AS REQUIRED. APPLY LAYER OF WASHED STONE TO BASE OF EXCAVATION TO ESTABLISH PROPER LINE AND GRADE (6" MIN.).
23. BACKFILL, COVER OR FENCE ALL EXCAVATIONS WHEN UNATTENDED. THE CSXT DESIGNEE WILL APPROVE THE PROTECTION METHOD AND THE TYPE OF FENCING MATERIAL. SET FENCING BACK AT LEAST 3 FEET (91 CENTIMETERS) FROM THE EDGES OF THE EXCAVATION. SET FENCE POSTS SECURELY IN THE GROUND AND INSURE THE FENCING IS SECURELY TIED TO POSTS WITH ZIP TIES OR SOME OTHER TIE WRAP PRODUCT.
24. IF THE EXCAVATION IS 5 FEET OR GREATER IN DEPTH, THE WALLS MAY BE SLOPED AT 1.5 HORIZONTAL TO 1 VERTICAL TO REDUCE THE RISK OF CAVE-INS OR SLIDES. A SAFE MANNER IN WHICH TO ENTER AND EXIT THE EXCAVATION MUST BE ESTABLISHED. THE TOE OF SLOPES IN EXCAVATION SHALL IN NO CASE BE UNDERCUT BY POWER SHOVELS, BULLDOZERS, GRADERS, BLASTING, OR IN ANY MANNER. EXCAVATION SHALL NOT BE MADE IN EXCESS OF THE AUTHORIZED CROSS-SECTION.
25. AVOID THE NEED FOR WORKERS TO BE IN TRENCHES WHENEVER POSSIBLE. FOR EXAMPLE, WHEN TRENCHING IN A CONDUIT SYSTEM, THE PIPE TO BE PLACED SHOULD BE ASSEMBLED ABOVE THE TRENCH AND LOWERED DOWN INTO THE TRENCH. WHEN WORKERS ARE REQUIRED TO GO INTO AN EXCAVATION, SHORING AND CONFINED SPACE REQUIREMENTS WILL GOVERN.
26. PROJECTS THAT GENERATE SOILS FROM CSXT PROPERTY MUST ADHERE TO CSXT'S SOIL MANAGEMENT POLICIES. CSXT REQUIRES SOILS GENERATED FROM ITS PROPERTY TO EITHER BE REUSED ON CSXT PROPERTY OR PROPERLY DISPOSED IN A CSXT APPROVED DISPOSAL FACILITY. CSXT ENVIRONMENTAL DEPARTMENT WILL HANDLE WASTE CHARACTERIZATION AND PROFILING INTO AN APPROVED DISPOSAL FACILITY. CSXT PROHIBITS ANY ENVIRONMENTAL SAMPLING ON ITS PROPERTY UNLESS GRANTED THROUGH AN WRITTEN ENVIRONMENTAL RIGHT-OF-ENTRY OR APPROVED IN WRITING BY THE CSXT ENVIRONMENTAL DEPARTMENT. THE MANAGEMENT OF SOILS GENERATED FROM CSXT PROPERTY SHOULD BE PLANNED FOR AND PROPERLY PERMITTED (IF APPLICABLE) PRIOR TO INITIATING ANY WORK ON CSXT PROPERTY. A LIST OF CSXT APPROVED LABORATORIES AND/OR DISPOSAL FACILITIES MAY BE OBTAINED FROM THE CSXT MANAGER ENVIRONMENTAL PROGRAMS.
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29. BEFORE EXCAVATING, ALL SIGNAL CABLES AND OTHER UTILITIES MUST BE LOCATED AND MARKED/FLAGGED. CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO CSXT COMMUNICATION & SIGNAL FACILITIES.

NOTE: WORK SCHEDULE IS SUBJECT TO THE APPROVAL OF ALL REQUIRED CONSTRUCTION SUBMITTALS BY THE CSXT CONSTRUCTION REPRESENTATIVE, VERIFICATION THAT PROPOSED WORK WILL NOT CONFLICT WITH ANY CSXT U.G. FACILITIES, AND THE AVAILABILITY OF CSXT FLAGGING AND PROTECTION SERVICES. CONSTRUCTION SUBMITTALS WILL BE BASED UPON THE PROPOSED SCOPE OF WORK AND MAY INCLUDE, BUT ARE NOT LIMITED TO; PROPOSED WORK PLAN, PROJECT SCHEDULE, MEANS AND METHODS, SITE ACCESS, DEWATERING, TEMPORARY EXCAVATION/SHORING, SOIL DISPOSITION/MANAGEMENT, TRACK MONITORING, CONCRETE PLACEMENT WORK, STRUCTURAL LIFTING/RIGGING PLANS FOR HOISTING OPERATIONS, SUBSTRUCTURE CONSTRUCTION PLANS, STEEL ERECTION PLANS, ROADWORK PLANS, ETC. NO WORK MAY BEGIN ON, OVER, OR ADJACENT TO CSXT PROPERTY, OR THAT COULD POTENTIALLY IMPACT CSXT PROPERTY, OPERATIONS OR SAFETY WITHOUT THE PRIOR COMPLETION AND APPROVAL OF THE REQUIRED AFOREMENTIONED INFORMATION AND APPROVALS.

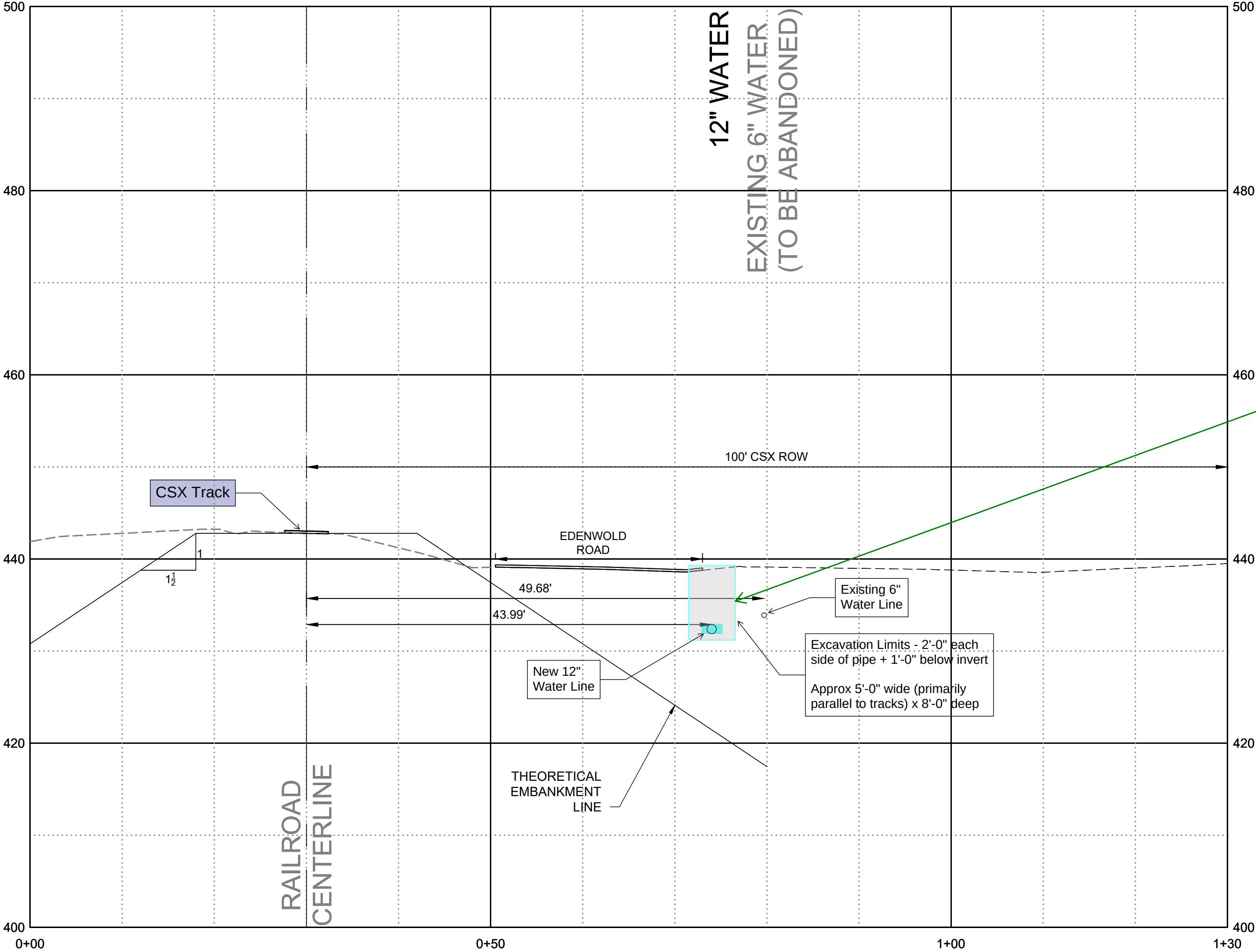
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Application No. 1085483	
UTILITY DETAILS	WATER
PIPE MATERIAL	DIP
NOMINAL SIZE (OD)	12", 8", 6"
JOINT TYPE	RMJ
TOTAL LENGTH OF PIPE IN R/W	220'
DISTANCE FROM RAILROAD CL	44'

* RMJ: RESTRAINED MECHANICAL JOINT DIP - Ductile Iron Pipe



CSX NOTES:

1. NO CONTRACT WORK WILL TAKE PLACE NORTH OF THE CSX TRACKS.
2. ALL WORK DEPICTED ON THESE DRAWINGS ARE INCLUDED IN THE CONTRACT UNLESS DENOTED AS " BY OTHERS."
3. NO NEW UTILITIES WILL CROSS THE CSX TRACKS AS PART OF THE CONTRACTOR'S SCOPE.
4. ITEMS SHOWN IN GRAY ARE EXISTING ITEMS (NOT ALL EXISTING UTILITIES ARE SHOWN). ITEMS IN BLACK ARE NEW ITEMS.
5. NEAREST MILEPOST: 175. LONGITUDE: 36.29058
LATITUDE: -86.687458
6. NO CASING PIPES OR VENT PIPES WILL BE NECESSARY FOR THIS WORK.

This is a partial replacement of an existing waterline. Due to the tie-in location, the location that is shown represents the furthest from the rail the line can feasibly be installed



BROWN AND CALDWELL

NASHVILLE, TN



PERMIT DRAWING



DRY CREEK WRF
HEADWORKS AND
CLASS A BIOSOLIDS
IMPROVEMENTS

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: W. RAINES

DRAWN: T. ALBAYATI

CHECKED: W. RAINES

CHECKED:

APPROVED: W. RAINES

FILENAME

C-01-401 RAILROAD.DWG

BC PROJECT NUMBER

157437

CLIENT PROJECT NUMBER

21SC0227

CIVIL

DRY CREEK WRF
CSX ROW
CONSTRUCTION

SECTION A

DRAWING NUMBER

2 OF 4

TITLEBLOCK	
LOCATION:	61 EDENWOLD RD, MADISON, TN 37115
LATITUDE	36° 17' 20.70" N
LONGITUDE	86° 41' 31.75" N