

Electronically Filed in TPUC Docket Room on January 19, 2023 at 2:06 p.m.

January 19, 2023

Karen H. Stachowski
Senior Assistant Attorney General
Financial Division, Consumer Advocate Unit
Office of the Attorney General
P.O. Box 20207
Nashville, TN 37202

VIA Email: karen.stachowski@ag.tn.gov

RE: Docket No. 22-00134 - Petition of Tennessee Wastewater Systems, Inc. to Amend its Certificate of Convenience and Necessity to Include Lake Haven Subdivision

Dear Ms. Stachowski,

The following are responses to your MFR letter dated January 5, 2023, related to the CCN Petition in the above referenced docket.

Rule 1220-04-13-.17(2)(a) - Higher resolution maps have been electronically filed with the Commission.

Rule 1220-04-13-.17(2)(d)2 – A copy of the renewed operator's license is included with this response.

Rule 1220-04-13-.17(2)(d)4 -

- (i) I have followed up with the TDEC office in East TN and they were not aware of the complaint. They are following up and will update the record in their database.
- (ii) TPUC was already aware of Mr. McCabe's complaint as a docket has been opened to address his concerns. His letter to TDEC does fall within the scope of the TPUC rule.

Rule 1220-04-13-.17(2)(e) – TWSI and the Consumer Advocate have discussed and resolved this concern.

Rule 1220-04-13-.17(2)(e)8 - Updated tariff pages are included with this response.



Please let me know if you have any outstanding questions or concerns relating to this matter.

Kind regards,

Jeff Risden General Counsel

cc: Patsy Fulton - patsy.fulton@tn.gov

Cole McCormick - <u>cole.mccormick@tn.gov</u> Kelly Cashman-Grams - <u>kelly.grams@tn.gov</u>

WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD DEPARTMENT OF ENVIRONMENT AND CONSERVATION STATE OF TENNESSEE

I.D. NO.

15046

EXPIRATION DATE

THIS IS TO CERTIFY THAT.

Tracy A. Nichols

IS IN GOOD STANDING WITH

THE CLASSIFICATIONS

LISTED:

BNS, CS2

12/31/2023

SECTION 4 – RESIDENTIAL RATES SHEET

| Rate Class 1 | Base | Escrow | Bonding | Environmental Rider (D) | Total | |
|--------------|----------|---------|------------|----------------------------|-------|-----------|
| | \$ 40.48 | \$ 7.27 | \$0.12 (R) | \$0.00 | \$ | 47.87(R) |
| Rate Class 2 | \$ 40.48 | \$ 7.27 | \$0.12 (R) | \$0.00 | \$ | 47.87(R) |
| Rate Class 5 | \$ 36.66 | \$ 5.69 | \$0.12 (R) | \$0.00 | S | 42.47(R) |
| Rate Class 6 | \$ 36.66 | \$ 5.69 | \$0.12 (R) | \$0.00 | S | 42.47(R) |
| Rate Class 9 | \$ 20.55 | \$ 3.39 | \$0.12 (R) | \$0.00 | \$ | 24.06*(R) |

- * Southridge customers will have a pass-through treatment cost assessed to their monthly bill. The pass-through treatment cost is calculated using the water meter readings as provided to TWSI by the East Montgomery Water Co. and the multiplier charged to TWSI by Clarksville Gas and Water to provide wastewater treatment. This cost will be filed annually with TPUC in June and effective upon approval. The current pass through treatment cost is 0.0096296082 per gallon.
- ** Each condominium unit will be billed as a residential customer and be individually billed.
- *** Customers in the City of Coopertown will be billed a 3% franchise fee (applied to the base rate only).
- **** The bonding fee will be updated with an annual filing with TPUC in August and effective upon approval.

Fees:

Non-Payment – 5% of total bill amount

Disconnection - \$40

Reconnection - \$50

Returned Check (NSF Fee) - \$25

Returned ACH - \$25

Capacity Reservation Fee – \$10 per month (See Rules and Regulations for Explanation)

Credit Card Convenience Fee: 2.45% with a \$1.25 minimum fee (R)(N)

City of Coopertown Franchise Fees: 3%

Issued: December 13, 2022 Effective: December 13,

2022

SECTION 6 – COMMERCIAL RATE SHEETS

COMMERCIAL RATES SHEET without FOOD SERVICE

The monthly sewer charge per customer is based on the daily design flow expected from the type of establishment being served. The utility will periodically check actual flow to determine whether billing adjustments will need to be made.

| | | | | Environmental | |
|-------------------------------|--------------------|-----------------|-----------|---------------|----------------|
| | Base | Escrow | Bonding | Rider | Total |
| Tier 1 (0 - 300 GPD) | \$95.93 | \$14.87 | \$0.12(R) | \$0.00 | \$110.92(R) |
| Tier 2.1 (301 - 400 GPD) | \$115.07 | \$17.98 | \$0.12(R) | \$0.00 | \$133.17(R) |
| Tier 2.2 (401 - 500 GPD) | \$134.21 | \$21.09 | \$0.12(R) | \$0.00 | \$155.42(R) |
| Tier 2.3 (501 - 600 GPD) | \$153.34 | \$24.21 | \$0.12(R) | \$0.00 | \$177.67(R) |
| Tier 2.4 (601 - 700 GPD) | \$172.48 | \$27.32 | \$0.12(R) | \$0.00 | \$199.92(R) |
| Tier 2.5 (701 - 800 GPD) | \$191.62 | \$30.43 | \$0.12(R) | \$0.00 | \$222.17(R) |
| Tier 2.6 (801 - 900 GPD) | \$210.76 | \$33.54 | \$0.12(R) | \$0.00 | \$244.42(R) |
| Tier 2.7 (901 - 1,000 GPD) | \$229.89 | \$36.66 | \$0.12(R) | \$0.00 | \$266.67(R) |
| Tier 3.1 (1,001 - 2000 GPD) | \$381.18 | \$56.37 | \$0.12(R) | \$0.00 | \$437.67(R) |
| Tier 3.2 (2,001 - 3,000 GPD) | \$533.29 | \$76. 11 | \$0.12(R) | \$0.00 | \$609.52(R) |
| Tier 3.3 (3,001 - 4,000 GPD) | \$685.41 | \$95.84 | \$0.12(R) | \$0.00 | \$781.37(R) |
| Tier 3.4 (4,001 - 5,000 GPD) | \$837.53 | \$115.57 | \$0.12(R) | \$0.00 | \$953.22(R) |
| Tier 3.5 (5,001 - 6,000 GPD) | \$989.64 | \$135.31 | \$0.12(R) | \$0.00 | \$1,125.07(R) |
| Tier 3.6 (6,001 - 7,000 GPD) | \$1,141.76 | \$155.04 | \$0.12(R) | \$0.00 | \$1,296.92(R) |
| Tier 3.7 (7,001 - 8,000 GPD) | \$1,293.88 | \$174.77 | \$0.12(R) | \$0.00 | \$1,473.77(R) |
| Tier 3.8 (8,001 - 9,000 GPD) | \$1,446.00 | \$194.50 | \$0.12(R) | \$0.00 | \$1,640.62(R) |
| Tier 3.9 (9,001 - 10,000 GPD) | \$1,598. 11 | \$214.24 | \$0.12(R) | \$0.00 | \$1,812.47(R) |
| Unknown 25,000 GPD | \$ 3,879.87 | 510.23 | \$0.22(R) | \$0.00 | \$ 4,390.32(R) |

Excess water usage

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

If usage exceeds 10,000 gallons per day, the charge will be \$1628.40 plus applicable escrow, bonding, and rate rider amount plus \$171.85 per 1000 gallons.

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2022

If the water meter readings exceed the design flow for any three consecutive months, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system will be paid by the customer.

Fees:

Nonpayment – 5%

Disconnection - \$40

Reconnection - \$50

Returned Check - \$25

Returned ACH - \$25

City of Coopertown Franchise Fees: 3%

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee (R)(N)

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2022

COMMERCIAL RATES SHEET with FOOD SERVICE

The monthly sewer charge per customer is based on the design daily flow expected from the type of establishment being served. The utility will periodically check actual flow to determine whether billing adjustments will need to be made.

| | Base | Escrow | Bonding | Environmental Rider | Total |
|-------------------------------|------------|----------------|---------|------------------------|---------------|
| Tier 1 (0 - 300 | | *** | | ** | *** |
| GPD) | \$127.88 | \$19.82 | \$0.12 | \$0.00 | \$147.92(R) |
| Tier 2.1 (301 - 400 GPD) | \$151.18 | \$23.17 | \$0.12 | \$0.00 | \$174.47(R) |
| Tier 2.2 (401 - 500 GPD) | \$174.49 | \$26.51 | \$0.12 | \$0.00 | \$201.12(R) |
| Tier 2.3 (501 - 600 GPD) | \$197.80 | \$29.85 | \$0.12 | \$0.00 | \$227.77(R) |
| Tier 2.4 (601 - 700 GPD) | \$221.11 | \$33.19 | \$0.12 | \$0.00 | \$254.42(R) |
| Tier 2.5 (701 - 800 GPD) | \$244.42 | \$36.53 | \$0.12 | \$0.00 | \$281.07(R) |
| Tier 2.6 (801 - 900 GPD) | \$267.73 | \$39.87 | \$0.12 | \$0.00 | \$307.72(R) |
| Tier 2.7 (901 - 1,000 GPD) | \$291.03 | \$43.22 | \$0.12 | \$0.00 | \$334.37(R) |
| Tier 3.1 (1,001 - 2000 GPD) | \$475.73 | \$67.97 | \$0.12 | \$0.00 | \$543.82(R) |
| Tier 3.2 (2,001 - 3,000 GPD) | \$661.37 | \$92.73 | \$0.12 | \$0.00 | \$754.22(R) |
| Tier 3.3 (3,001 - 4,000 GPD) | \$847.00 | \$117.50 | \$0.12 | \$0.00 | \$964.62(R) |
| Tier 3.4 (4,001 - 5,000 GPD) | \$1,032.63 | \$142.27 | \$0.12 | \$0.00 | \$1,174.92(R) |
| Tier 3.5 (5,001 - 6,000 GPD) | \$1,218.26 | \$167.04 | \$0.12 | \$0.00 | \$1,385.52(R) |
| Tier 3.6 (6,001 - 7,000 GPD) | \$1,403.89 | \$191.81 | \$0.12 | \$0.00 | \$1,595.82(R) |
| Tier 3.7 (7,001 - 8,000 GPD) | \$1,589.53 | \$216.57 | \$0.12 | \$0.00 | \$1,806.22(R) |
| Tier 3.8 (8,001 - 9,000 GPD) | \$1,775.16 | \$241.34 | \$0.12 | \$0.00 | \$2,016.62(R) |
| Tier 3.9 (9,001 - 10,000 GPD) | \$1,960.79 | \$266.11 | \$0.12 | \$0.00 | \$2,227.02(R) |
| Unknown 25,000 GPD | \$4,745.27 | \$637.63 | \$0.12 | \$0.00 | \$5,383.12(R) |

Excess water usage

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

Issued: December 13, 2022 Effective: December 13,

2022

If usage exceeds 10,000 gallons per day, the charge will be \$1997.95 plus applicable escrow, bonding, and rate rider amount plus \$210.40 per 1000 gallons.

If the water meter readings exceed the design flow for any three consecutive months, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system will be paid by the customer.

Fees:

Nonpayment – 5% Disconnection - \$40 Reconnection - \$50 Returned Check - \$25 Returned ACH - \$25

City of Coopertown Franchise Fees: 3%

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee

Issued: December 13, 2022

Effective: December 13,

2022

COMMERCIAL RATES SHEET CABINS

The monthly sewer charge per customer is based on the square footage of the cabin as recorded with the Register of Deeds office.

| | | | | Environmental | |
|-------------------|----------|---------|---------|---------------|-------------|
| | Base | Escrow | Bonding | Rider | Total |
| Small 0-2000 | \$60.85 | \$13.15 | \$0.12 | \$0.00 | \$74.12(R) |
| Medium 2001-4000 | \$69.68 | \$16.32 | \$0.12 | \$0.00 | \$86.12(R) |
| Large 4001-6000 | \$82.44 | \$19.56 | \$0.12 | \$0.00 | \$102.12(R) |
| Extra Large 6001+ | \$102.07 | \$22.93 | \$0.12 | \$0.00 | \$125.12(R) |

Fees:

Nonpayment - 5% Reconnection - \$50 Disconnection - \$40

Returned Check - \$25

Returned ACH - \$25

Credit Card Convenience Fee: 2.45% with \$1.25 minimum fee

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Lake Haven Wastewater Treatment, STEP System, Collection and Drip Dispersal Plans JEFFERSON AND SEVIER COUNTY, TN

SOP -**Sewer Plans**

Drawing Index

Sheet No.

0.00 C0.1

C1.0-C1.4

Cover Sheet Marier Plan

Wastewater Collection Plans



LH Source 100, LLC

Floodplain Note:

A Portion Of This 8the Lies Within The 100 Year Flood Plair Per F.E.M.A. Community Punel No. 47147C0270C, Dated

Total Site Land Data:

Total Area = 112± Acres

Deed Reference:

The property shown hereon is Text Maps Map 45, Group A Percel 96.02 n recorded in Record P.Bk. 1863, Po 281

STEP Design: Design Flow = 72,000 gpd

Design Lossing Soil Rate = 0.25 galler ired Land Application Area = 8.20 Acres good Land Application Area = 8.20 Acres

Contacts:

Engineer:

Shady Grove Utility District:

830 TN-139 Dendridge, TN \$7725 Phone: (866) 367-3790

AEC Appalachian Electric:

P.O. Sex 400 New Market, TN 37820 Phone: (886) 478-2082

Tennessee Wastewater

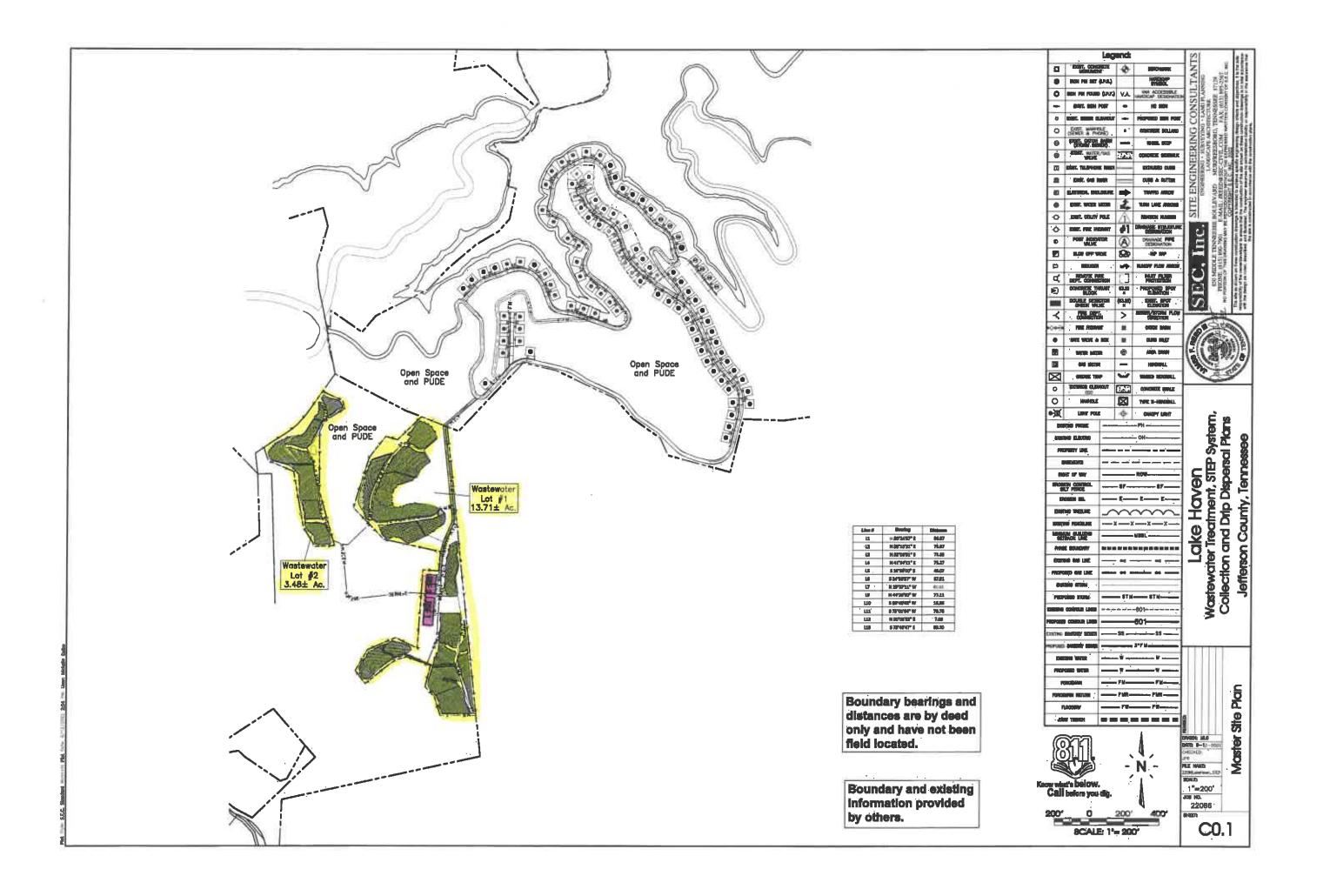
Systems, Inc.: 849 Aviation Plany Smyrna, TN 57167

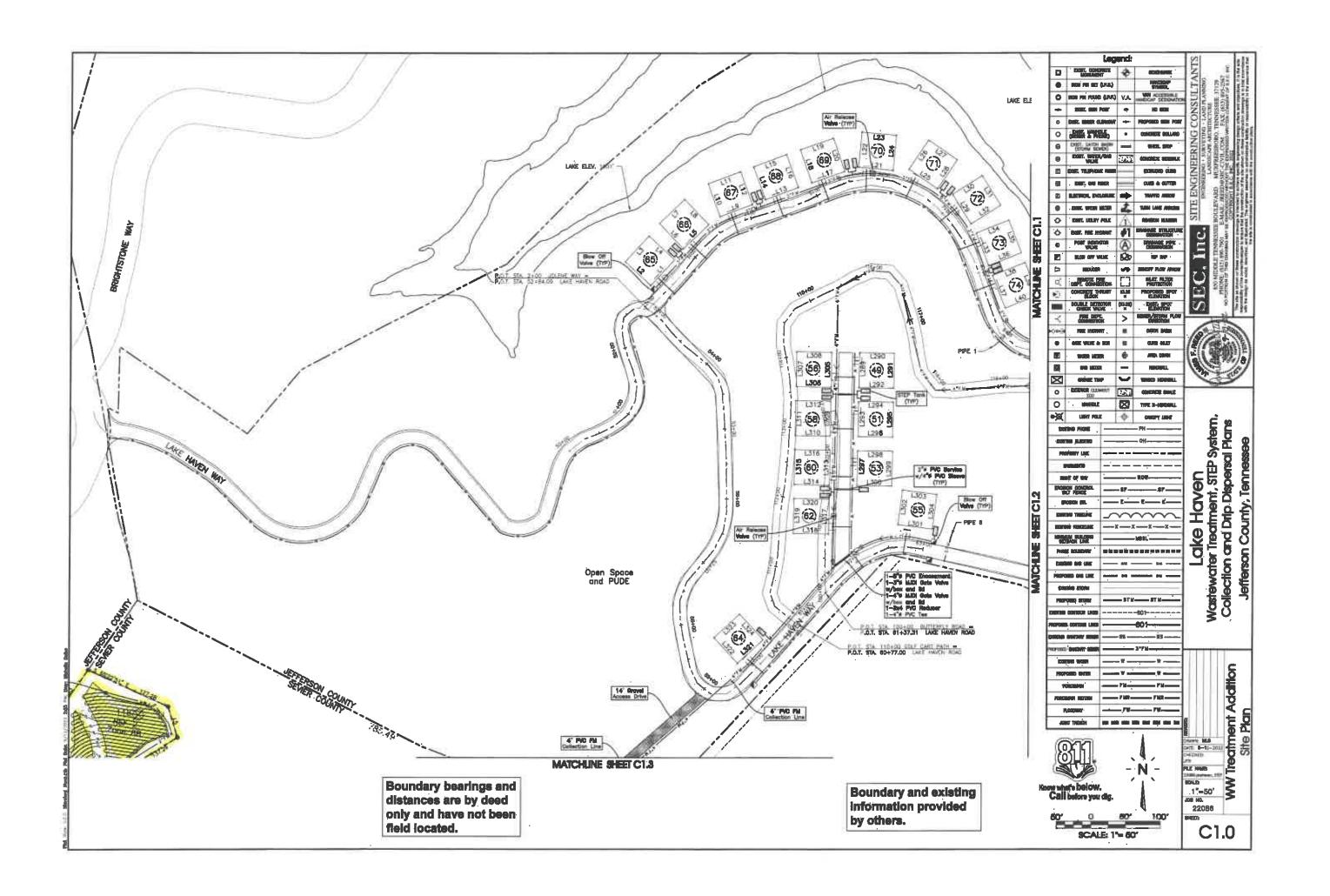


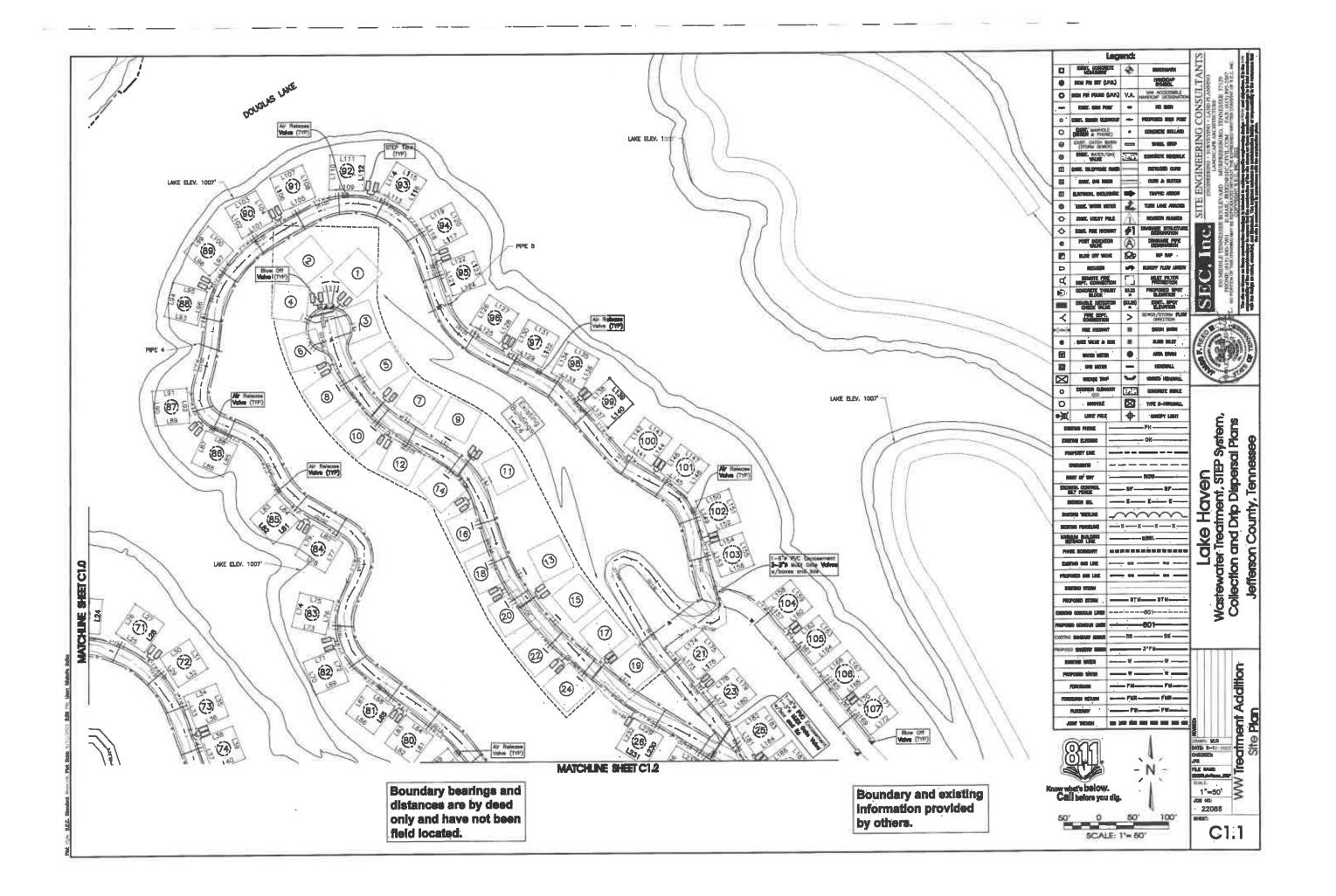


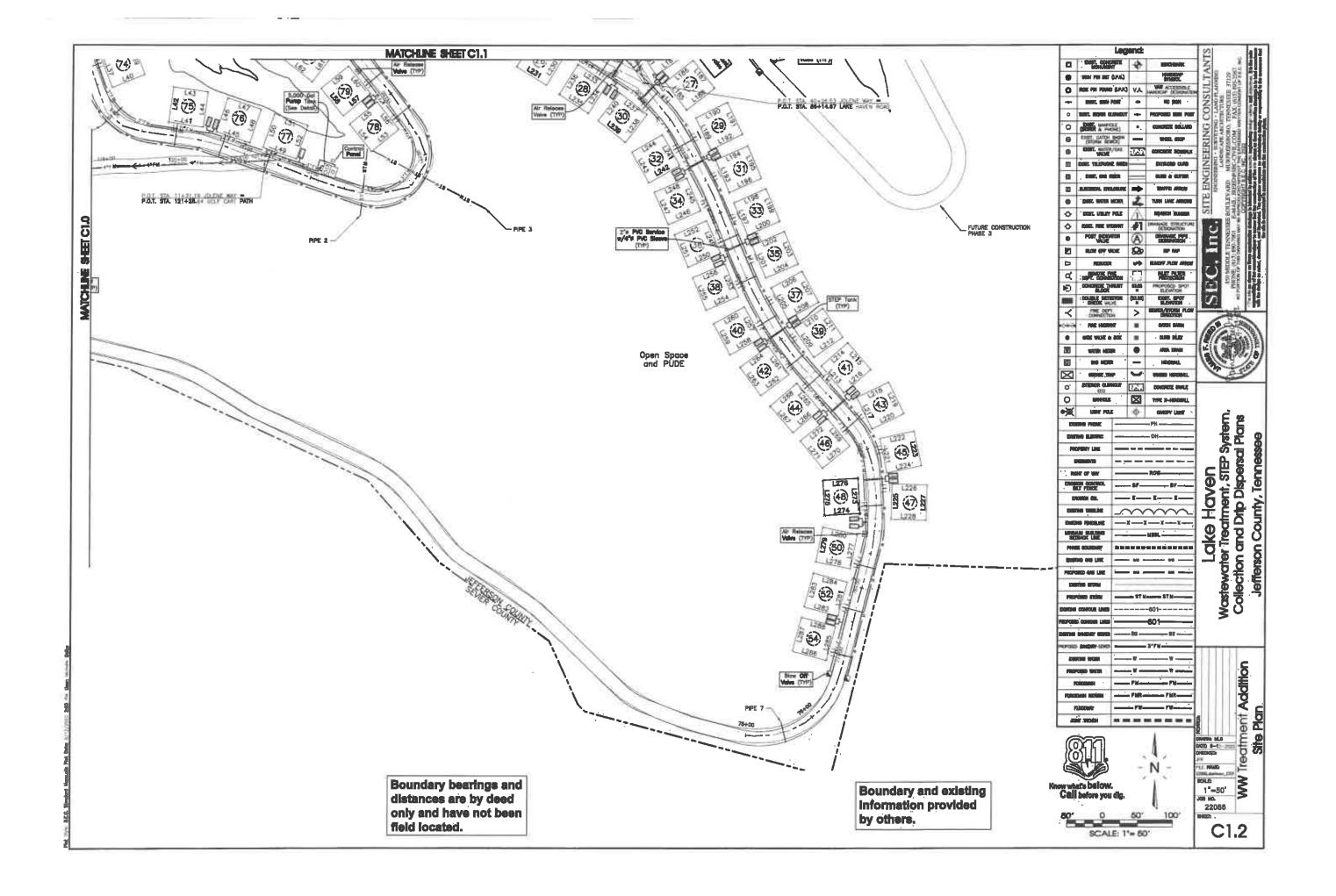


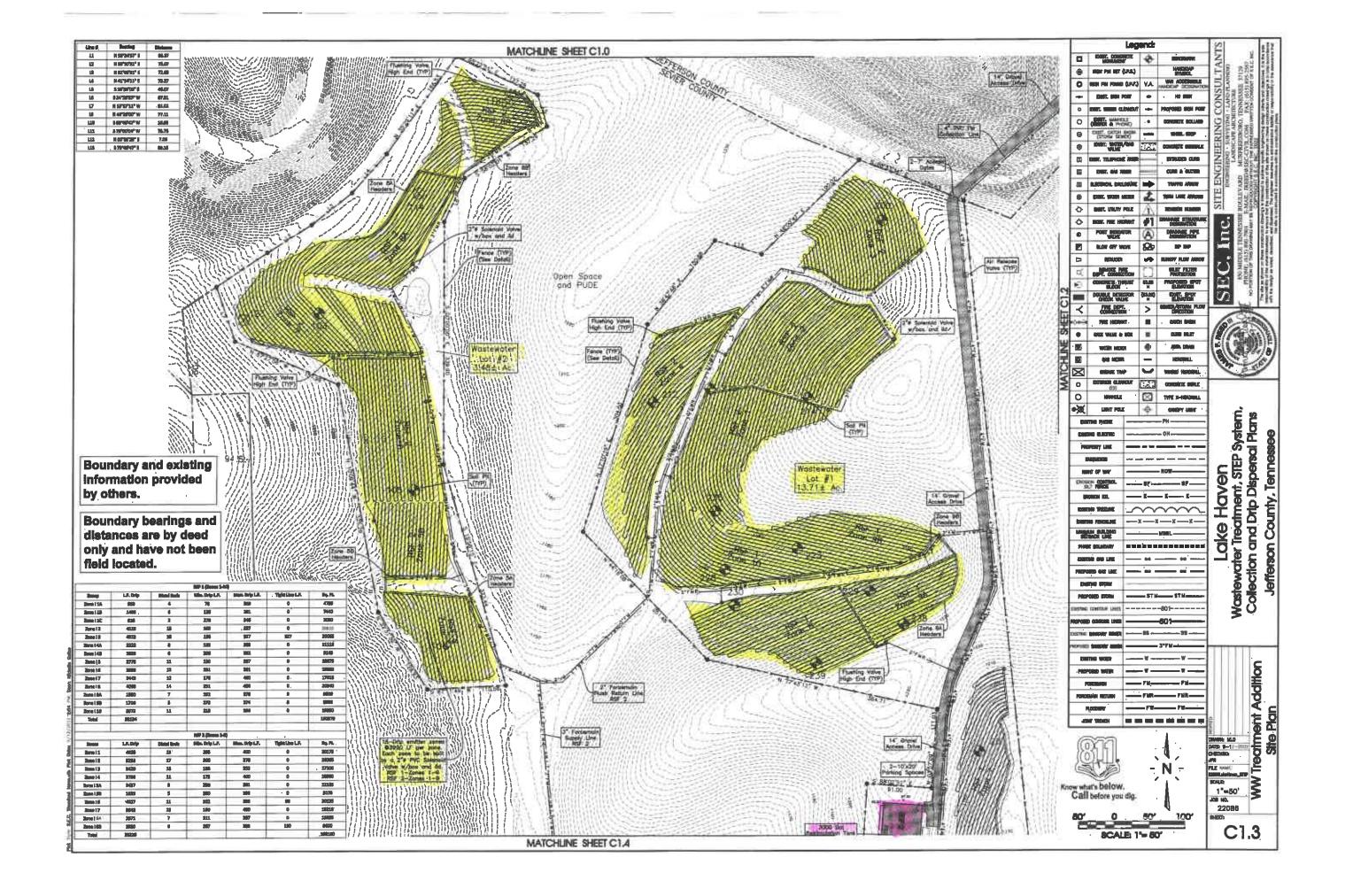
ADENUS SOLUTIONS GROUP 849 AVIATION PARKWAY SMYRNA, TN 37167

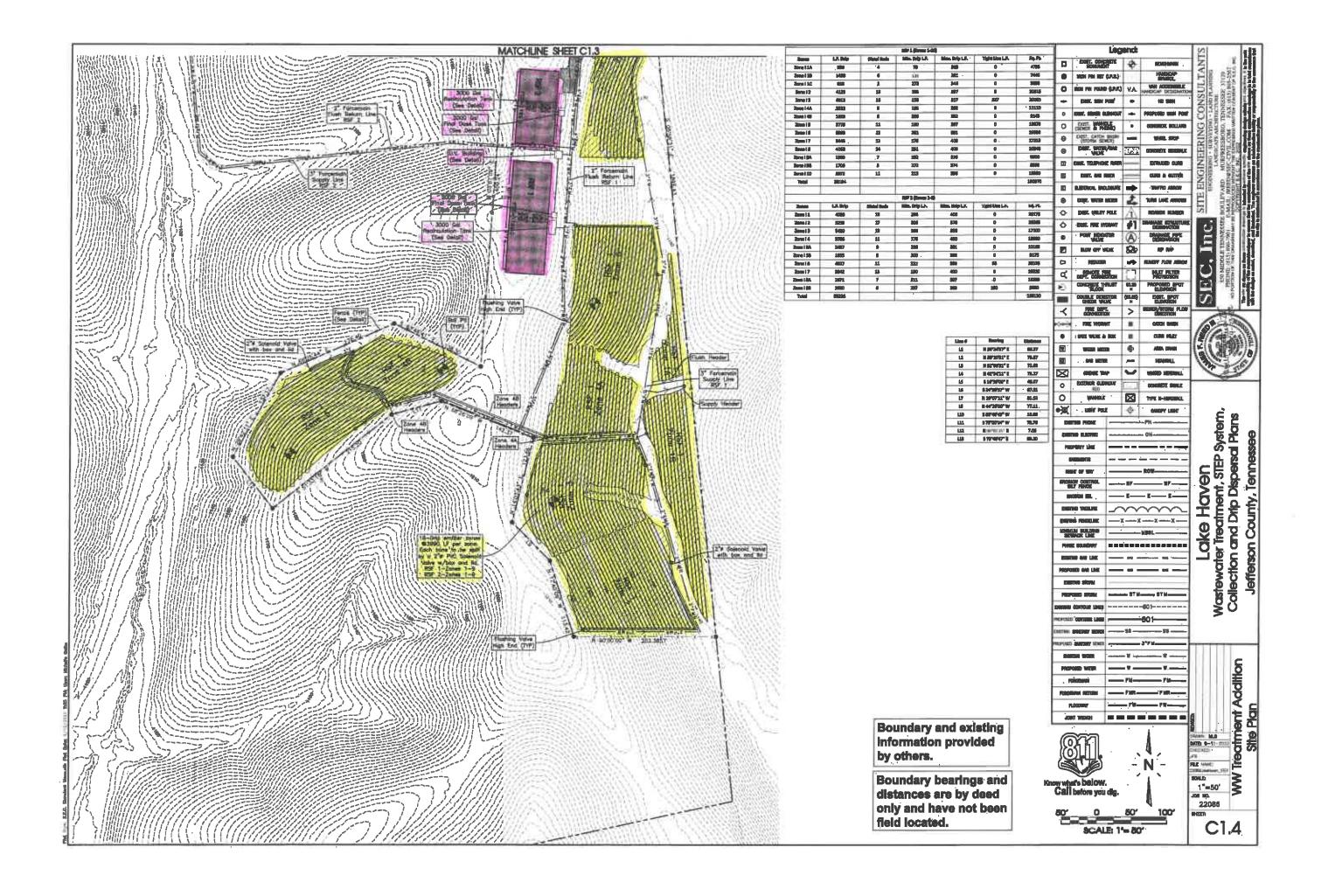












Grading and Drainage Notes: 1. The othe work contraster that conclude the installer hain the lectalistics of all underground stilling with No work. All nor, along away, electrical words?, Irrigation alcome, and any all on, serilary score, clares array, distribut words, brigative electes, and dry of d utilities, division, or obsolutes), what he implement prior to the planement of The contrader shall verify horizontal and varied location of all adults atoms some circularse, pipes and all utilities prior to construction. 6. Any graded or disturbed creen shall have 4 haten of topsall, deed, maleh, fortilizer and vater app until a heality stand of grane is abtained. The restauritys alsoit closely fallow senstruction. 7. All mid/fill shapes and drainage senses shall be obtained to the collectudies of the Williamson County Engineering Department. If obtained to not entired by sensing or nothing, then more obtagent research seek or creates control datas, permanent terf reinforcement modifies or concrete links shall be used.

). Context the Jefferson County and Sovier County Engineering Department to request pornille to purform work within the public right-of-way.

). Any improvements or exactlifications within the public right—of—very require the expressed of the deliberar Jounty and Stater County Highway Department.

Erosion Control Notes:

To the discontractor is respectible for authibiting and restriction authories and section and section to define on-oils during construction as required to present aft from bening allo. Six will not be about beyond consciousless finish.

2. The contrader in represents for recoving all from alla if not remode an-alla and country plan-ollyward and grade in all distances completion of invaluation.

6. Breaker control what he provided for all not and fill appretions which the limits of the construction all broughout the construction period to provide the allo with regularum probables them creates at all times.

5. Simular, combal resource are to be tradeled prior to any guaring an-afte and are to be maintained in place until stabilization of evaluate note has been accomplished.

General Utility Notae:

1. Bisting offly lines show an appreciated bestines only. The analysis shall finish verify all enteling utility line isostome prior to any construction. Any devilation from the deaths incentions about particular theorems or engineer prior to beginning contribution.

2. The contractor will provide all accessory protective resource to confequent extelling sillines from derrops during construction of this project, in the avent that quested applyment is required to work over end unwant the attition, the existence will be required in further such equipment. The work of protecting stillings from decreage and familishing speaked equipment will be included in the price left for other Stone of

5. The againstay shall wally such individual utility owner of the pion of operation in the cross of the ASSEs, prior to commensing, work, the contractor shall sected the utility owners and respect them to recept lesses that respect to utility on the property lesses that the given of least three (2) receives days prior to conveniencement of operations around the utility.

. All underground sillition (befor, asser, storm usuer, storitosi sendult, brigelion v demisseum), ottoli be in-plane prior in the planetend of bean quesse malarial.

7. In Terrotouse R to a requirement per "the underground utility derivage prevention set" that expens who engages in description sets that expens who engages in description sets that it that it therefore consortion. A list of these utility owners may be obtained from the scortly register of decked tense utility consent who participate in the Terrocouse one dest system out to rectified tell from at 1—205—201—211.

S.T.E.P. System General Notes:

1. To leading of trademic prior companies a state on second in ratios, titler field editation of the companies decided by the companies of the second by the companies decided or four Publish Control.

2. Trib dealyn in her the disposal of vanishmeter exilorise from Lake Harrer Trechnest Feelily dealyn to All Types for Type system shall be controlled and membered by FFRT-1982-620-1652 result control
panel and comparishe with Hamilton's Markering Systems. The membering shall be considered the flav
motion for this operare.

4. The mightimum harborial apparation between the element two points of the motor dust source than in t (10) Seed. The arbitrant vertical apparation between the observe two points of the water and element has shalf be 18 bearing, with velocitiess being obvious surveints.

Contractor with comply with the most surrent requirements, apositionizes, and debtil drawings to tailories of 1707 system explication lines as extined per specifications of 7.848.

. All transies, pipe leping, and handfilling shall be in accordance with federal CARIA, regulat

7. USBy anticular shall have operand of all governing agentian having jurisdition over this quitarn per in installation.

. All theirs whell be one-plant, shoulderly sound, unbedight terim as countratored by describ them reducin, or approved impail. 4. Tooking promoting for water tightness in an foliose. Fill tank 2" into the clear. After a period of 34 hours, the water level abund frame beared an error than K^{α} .

13. Collection forcements shall be 1°0 and 4°0, 62017 green PAC pipe (saler to be searchested with Tenescope Washawstar). Percentals shall be tooled used valued for a 160 PAE searchy (research).

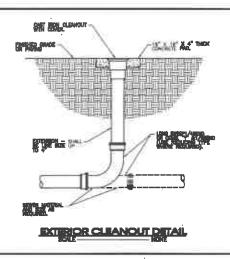
E. Apparent crows, discrepancies, or anisolous on the develop shall be brought to the election of the cover prior to this extendion, may not use apparent errors, discrepancies, or excludes present on the discript presented for hidding for collisions effect this tree boundaries. The credition shall be permitted to reals corrections and bisopretations as may be decored passency for the fulfilment of the latest of the natural decorate.

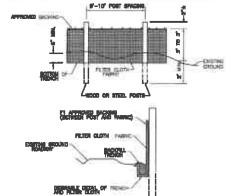
e-contractor shall states all Improvements using the generates data provided in the develope. It is the ode responsibility of the earlier shally white and wheat all improvements to course adequate positivelys, lasts humanist and various, polar in the trainfactors of any various. No slighted the will be provided:

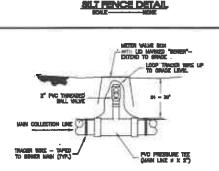
S. After completion of construction, the contrastor shall perform alls, domain to normore all treats, daters, exceler methods, equipment, and other deletations materials exceeded with construction. The contrastor is expressly responsible for ensuring the site is clean and in operable completes of the Store of the completes.

7. These descripts are behavior than on this also only and as an integrated out for title specific project. These develops may be be be used when or is part on any other project under the professional engineers and, the armount shall had bernaless and indensity the emission and another than a man and a part of a contract of any nature evolutions are fining from sort under

6. A supersis RAIL Exposition Permit insued them Rebertoon County shall be required for any execution or constanting in the public RAIL.

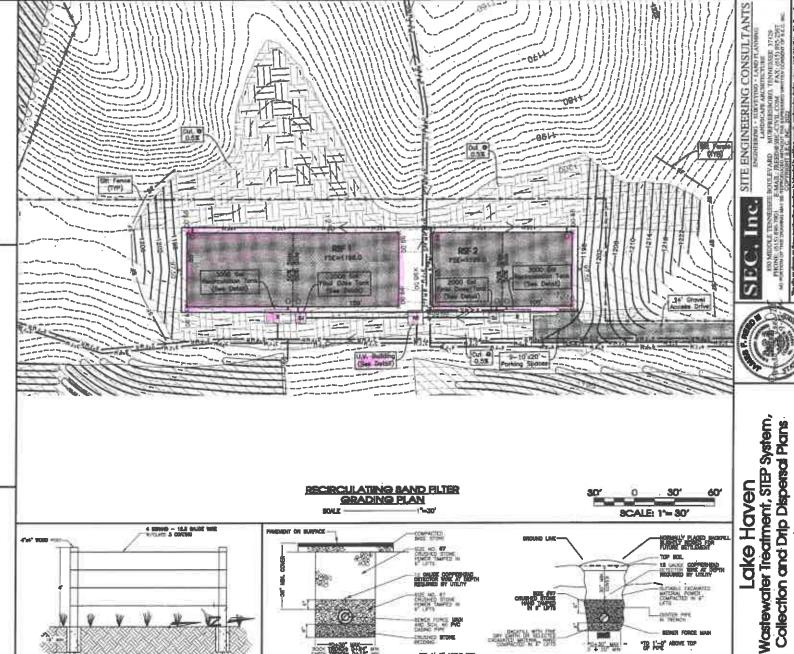


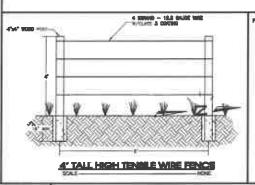


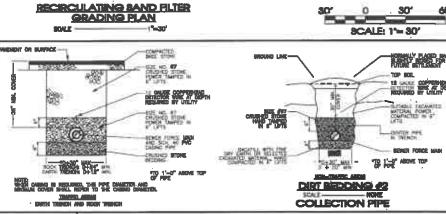


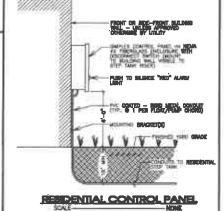
TYPICAL COLLECTION MAIN TESTING PORT

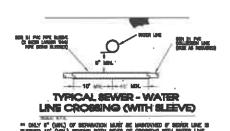
SMETALL ONE (1) TESTING PORT PER DOLLISCTION LINE. COORDIGHT METALLATION LOCKSON WITH UTILITY BEFFETTER, OR ABENJAE DIMENSION. LOCKSON OF TESTING PORT TO BE NOTICE ON AS—BLAZ DIMENSION.



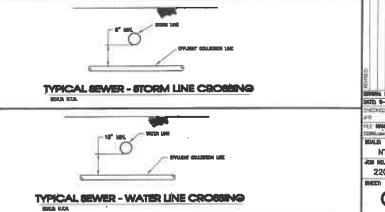


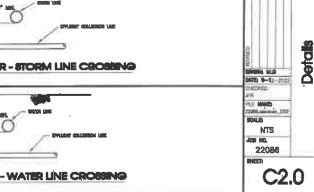












County, Tennessee

