



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES**

PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issued to: <u>Bryan Dodge</u> Location: County: <u>Giles</u> Address: <u>Lee Chapman Road</u> City: <u>LAWRENCEBURG</u> Subdivision: _____ Lot #: <u>4</u> Map: _____ Group: _____ Parcel: _____ | Evaluation Based Upon: <input type="checkbox"/> 1. Soil Typing by Soil Scientist <input type="checkbox"/> a. General <input type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input checked="" type="checkbox"/> 3. Environmental Scientist Estimated Absorption Rate: <u>60</u> MPI | Type of System: <input checked="" type="checkbox"/> 1. Conventional <input type="checkbox"/> 2. Modified Conventional <input checked="" type="checkbox"/> 3. Conventional System Substitute <input checked="" type="checkbox"/> Chamber <input checked="" type="checkbox"/> Expanded Polystyrene <input checked="" type="checkbox"/> Large Diameter Gravelless Pipe Gravel backfill in a 24 in. wide trench required? <u>No</u> <input type="checkbox"/> 4. Low Pressure Pipe <input type="checkbox"/> 5. Mound <input type="checkbox"/> 6. Lagoon <input type="checkbox"/> 7. Subsurface Drip System <input type="checkbox"/> 8. Other: _____ |
| Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System <input type="checkbox"/> 3. System Modification <input type="checkbox"/> 4. Large System | Approval Based Upon: State No. T.C.A. 68-221-403 <input type="checkbox"/> (c) Percolation Test <input type="checkbox"/> (d) Grandfather Clause - Current standards except those specified <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required <input type="checkbox"/> (m) 3 rd Party Permit Package <input type="checkbox"/> (i) 9" Buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather Clause - Meets June 30, 1990, standards (repair only) <input checked="" type="checkbox"/> Current Standards <input type="checkbox"/> Other: _____ | |
| Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>3</u> <input type="checkbox"/> 2. Other: _____ Gal/Day: _____ | Also Required: <input type="checkbox"/> 1. Soil Improvement Practice (SIP) <input type="checkbox"/> Curtain Drain <input type="checkbox"/> Drawdown Drain <input type="checkbox"/> Interceptor Drain <input type="checkbox"/> 2. Flow Diversion Valve <input type="checkbox"/> 3. Sewage Pump Pump Flow Rate (gpm): _____ TDH (ft): _____ <input type="checkbox"/> 4. Single Compartment Pump Tank, Volume (gal): _____ <input type="checkbox"/> 5. Other: _____ | |
| The system shall consist of a two-compartment septic tank holding <u>900</u> (min) gallons, with <u>330</u> linear feet in <u>4-5</u> trenches, <u>36</u> inches wide and <u>25</u> (min) to <u>28</u> (max) inches in depth. (Depth of gravel: <u>12</u> inches) SIP Depth (in): _____ SIP Length (ft): _____ SIP Comments: General Comments: Drawing not to scale Public water | | |

All installers of subsurface sewage disposal systems must hold a valid annual license from the Tennessee Department of Environment and Conservation.

Please see attached drawing and supporting documentation.

The recipient of this permit agrees to construct or have constructed the above-described system in accordance with T.C.A. 68-221-401 et. seq. and The Regulations To Govern Subsurface Sewage Disposal Systems. If any part of the system is covered before inspected and approved, it shall be uncovered by the recipient of the permit at the direction of personnel of the Department of Environment and Conservation. **Any cutting, filling or alterations of the soil conditions on the aforementioned property after this day may render this approval null and void.**

By: Brennan Hood
(DWR Staff)

Date: 03/11/2025
(Date of Issue)

This permit is valid for 3 years from date of issue.

This is a permit to construct and is not intended to imply approval of any work proposed or completed on this lot.

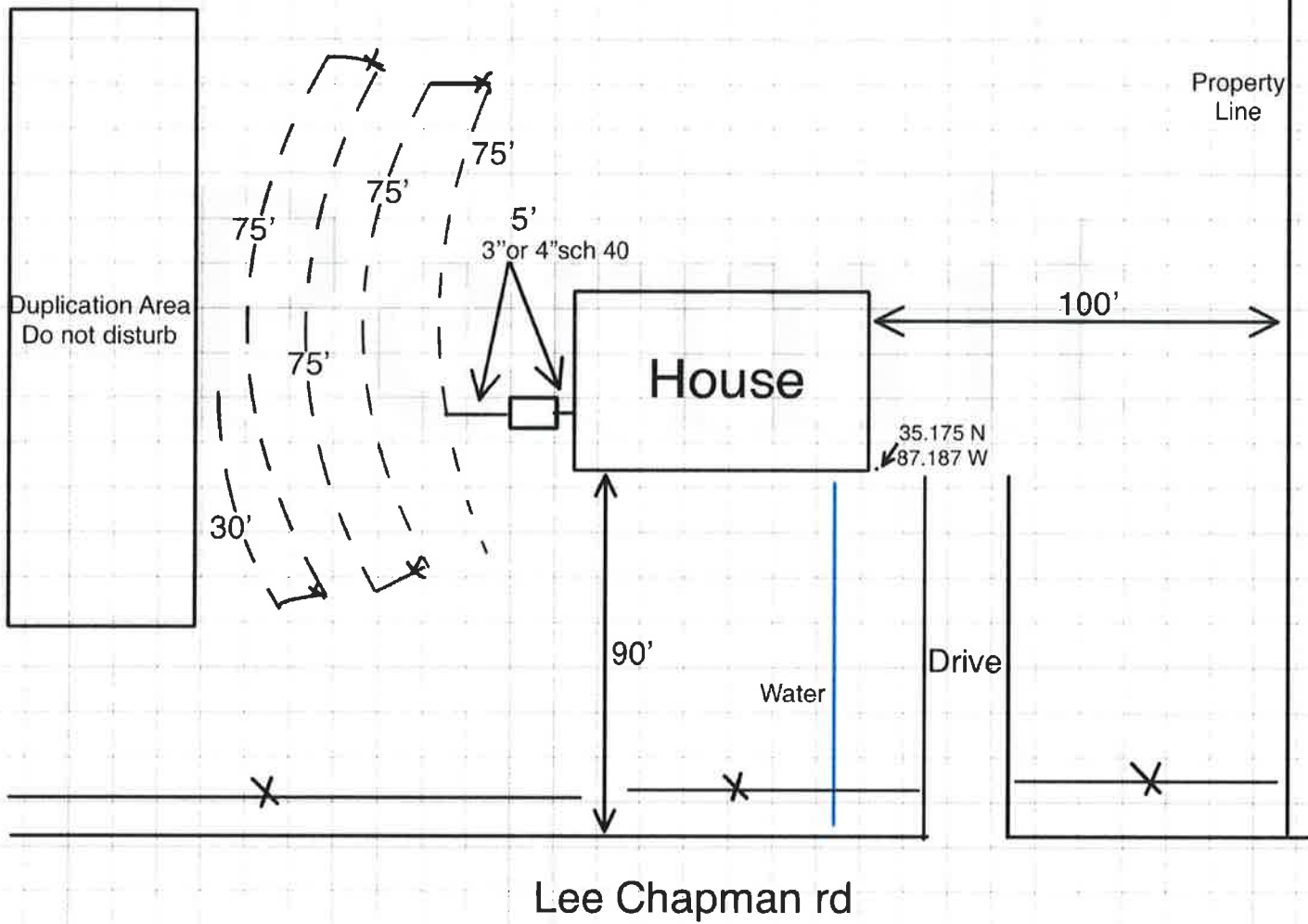
Tennessee Department of Environment and Conservation - Division of Water Resources
 Permit for Construction of a Subsurface Sewage Disposal System



Issued To: Bryan Dodge
 Location: Lee Chapman rd Tract 4
5.469 acres
 Inspector: Brennan Hood ES III
 Date: 3-11-25

General Notes:

- Please refer to the design specifications for the subsurface sewage disposal system on the first page of the construction permit.
- Contact the local Division of Water Resources representative to schedule a final inspection.
- All electric components (e.g., pump, alarm, etc.) for the subsurface sewage disposal system must be inspected and approved by the appropriate electrical inspector prior to requesting a final inspection. Documentation of the electrical inspection must be available during the final inspection.





ADJOINING PROPERTY OWNERS:

| |
|-----------------------------------------------------------------------------------------------------------------------|
| KILAM W. BARNETT AND WIFE, BENE BARNETT Deed Book D408 Page 475 Tax Map 110 Parcel 078 01 Giles County TN |
|-----------------------------------------------------------------------------------------------------------------------|

ADDENDUM
 PARR LIVING TRUST
 7/1/2014
 Page 236
 Deed Book D3104

S AND
 COMMA
 390 591
 194 30

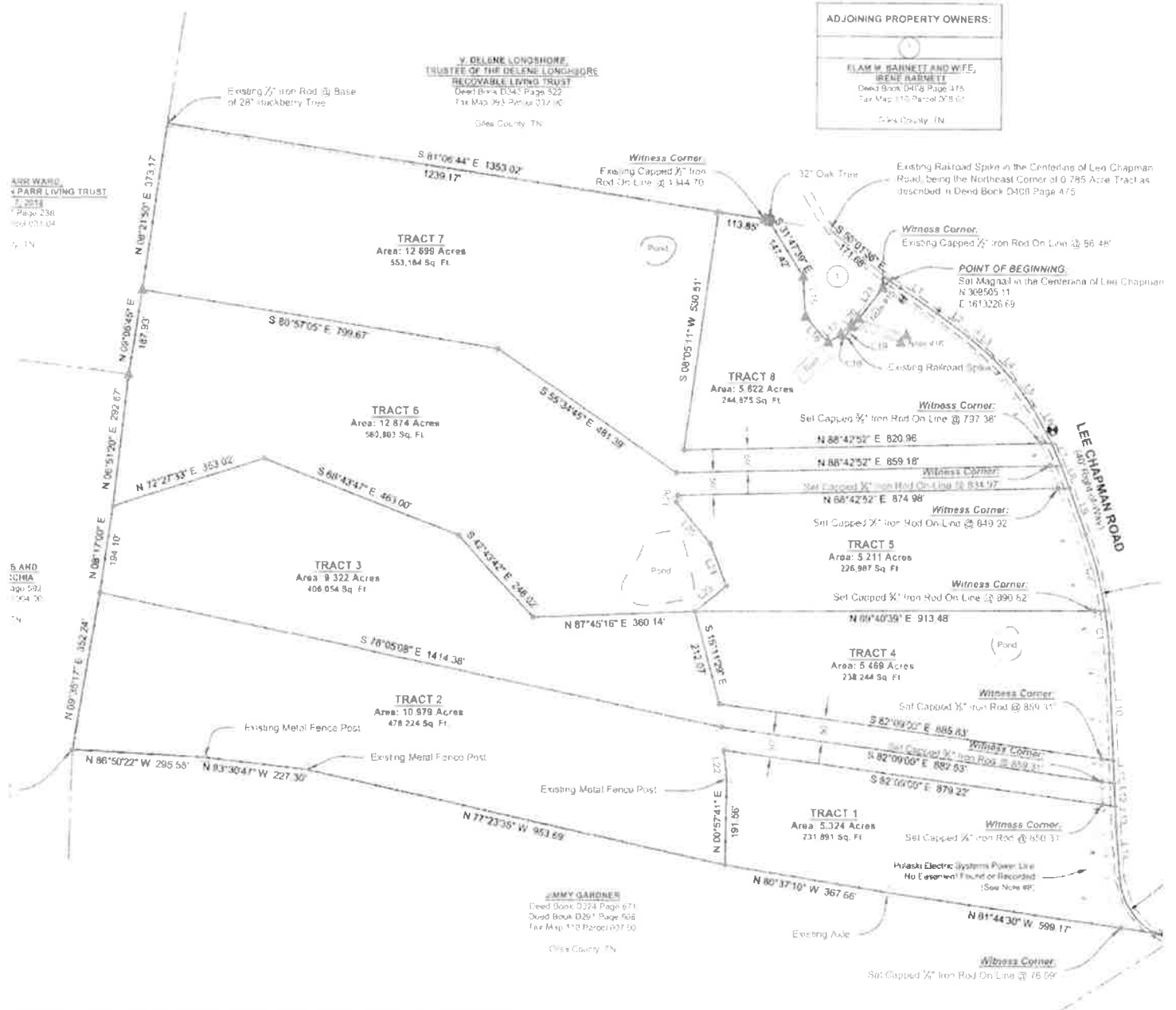
AMY GARDNER
 Deed Book D274 Page 671
 Deed Book D261 Page 666
 Tax Map 110 Parcel 077 00
 Giles County TN

THE PURPOSE OF THIS SURVEY IS TO CREATE 8 TRACTS FROM THE PARENT TRACTS DESCRIBED IN DEED BOOK D408 PAGE 475
 GILES COUNTY, TN. REFER TO THE ZONING ORDINANCE OF GILES COUNTY, TN FOR MORE INFORMATION.
 IT WAS NOT PROVIDED TO THIS SURVEYOR, THEREFORE THIS SURVEY IS SUBJECT TO THE FINDINGS OF AN ACCURATE TITLE SEARCH
 REFERENCED TO THE TENNESSEE STATE PLANE COORDINATE SYSTEM GRID NORTH AS DETERMINED BY GPS OBSERVATION
 DATA SHOWING HEREON WAS GATHERED USING TOPCON HIPER VR (DUAL FREQUENCY) GPS REAL TIME KINEMATICS (RTK) AND STATIC
 DATA WERE UTILIZED.
 I HEREBY CERTIFY THAT THIS MAP WAS DRAWN FROM AN ACTUAL REAL TIME KINEMATIC (RTK) GPS SURVEY MADE AND THE FOLLOWING
 DATA WAS USED TO PERFORM THE SURVEY:
 SURVEY - REAL TIME KINEMATIC (RTK)
 TOPCON HIPER VR
 ACCURACY CLASS
 FIXED CONTROL - TENNESSEE DEPARTMENT OF TRANSPORTATION CORS NETWORK
 ELLIPSOID - NAVD83 GEOD18
 DATUM - NAD83 (2011)
 ELEVATION
 RED
 ALL EXISTING ROAD RIGHT-OF-WAY EASEMENTS, ALL EXISTING UTILITY EASEMENTS, EGRESS/EGRESS EASEMENTS, OR OTHER EASEMENTS
 NOT UNRECORDED, RIGHT-OF-WAY FOR LEE CHAPMAN ROAD WAS PROVIDED BY THE GILES COUNTY HIGHWAY DEPARTMENT.
 NO EASEMENT FOUND OR RECORDED. PULASKI ELECTRIC SYSTEMS RESERVES A 50' RIGHT-OF-WAY (25' BOTH SIDES OF THE POWER LINE)
 THESE ARE SHOWN HEREON.
 SURVEY PERFORMED ON DECEMBER 17, 19, 2024
 SET CAPPED 5/8" IRON ROD UNLESS OTHERWISE NOTED
 IN HERETON
 DIMENSIONS IS MOUNTED AND LABELLED HEREON.
 LOCATED WITHIN A ZONE UNSHADED OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP MAP 4709000000 WITH
 DATE SEPTEMBER 28, 2007
 ALL EGRESS/EGRESS EASEMENT AS DESCRIBED IN DEED BOOK D408 PAGE 602
 EASEMENT AS DESCRIBED IN DEED BOOK D3104 PAGE 602 AND DEED BOOK D408 PAGE 254

NOTE
 Surveyor has not physically located the underground utilities. The surveyor makes no guarantee that the underground utilities shown comprise all such
 in the area within a service or jurisdiction. The surveyor further does not warrant that the underground utilities shown are in the exact location
 3. The individual homeowner will have to verify the location of such utilities prior to any construction in Tennessee (this is a requirement per the
 and Utility Damage Prevention Act). That anyone who engages in excavation must notify all known underground utility owners, no less than 3 or
 or 10 working days prior to the date of their intent to excavate and also to avoid any possible hazard or conflict. Tennessee One Call (800)251-1111

CURVE TABLE

| Stationing | Radius | Chord | Angle | Delta | Offset |
|--------------|---------|---------|---------|-------|--------|
| 0+00 to 0+50 | 150.00' | 149.84' | 179.99° | 0.01' | 0.00' |
| 0+50 to 1+00 | 150.00' | 149.84' | 179.99° | 0.01' | 0.00' |
| 1+00 to 1+50 | 150.00' | 149.84' | 179.99° | 0.01' | 0.00' |
| 1+50 to 2+00 | 150.00' | 149.84' | 179.99° | 0.01' | 0.00' |





TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Land-Based Systems Unit
William R. Snodgrass – Tennessee Tower
312 Rosa L. Parks Ave., 11th Floor
Nashville, TN 37243-110

APPLICATION FOR WATER RESOURCES SERVICES
APPLICANT
COMPLETE QUESTIONS

1. Service Requested (Check Service)

Fees Due

| | |
|--------------------------------------------------------------------------|----------------|
| <input checked="" type="checkbox"/> Septic System Construction Permit | |
| <input checked="" type="checkbox"/> Dwelling | \$ 400.00 PAID |
| Commercial: gdp | \$ _____ |
| System Modification | \$ _____ |
| Repair | \$ _____ |
| <input checked="" type="checkbox"/> Conventional Construction Inspection | \$ 100.00 PAID |
| Inspection Letter | \$ _____ |
| Certificate of Verification | \$ _____ |
| Water Sample | |
| Total Coliform | \$ _____ |
| Fecal Coliform | \$ _____ |
| Alternative System Permit | \$ _____ |
| Alternative Construction Inspection | \$ _____ |
| Large Conventional System Plan Review | \$ _____ |
| Large Alternative System Plan Review | \$ _____ |
| Experimental System Plan Review | \$ _____ |
| Subdivision Evaluation: Lots: _____ | \$ _____ |
| Pumping Contractor – Septage Application | \$ _____ |

2. LANDOWNER:

APPLICANT:

Site Address:

| | | |
|----------------------------------|--------------------------------------|----------------------------------------|
| Names: <u>Bryan Dodge</u> | Names: <u>Bryan Dodge</u> | Address: <u>Lee Chapman Road Lot 4</u> |
| Address: <u>4303 Moore Lane</u> | Address: <u>4303 Moore Lane</u> | <u>LAWRENCEBURG, Tennessee</u> |
| <u>Culleoka, Tennessee 38451</u> | <u>Culleoka, Tennessee 38451</u> | <u>38464</u> |
| Day Phone: <u>9312053294</u> | Day Phone: <u>9312053294</u> | |
| Original Owner: _____ | Email: <u>wdavidso@realtracs.com</u> | |

3. LOCATION OF LOT OR SITE:

a) Subdivision Name: _____ Lot # _____

b) In a subdivision? No Give specific directions and address to the lot or site Lot 4. Stated he thought he could have more than 3 bedrooms

c) Tax Map _____ Parcel _____

FOR SSDS PERMIT

4. ONLY:

a) Size of lot _____ b) Number of Bedrooms 3 Bedrooms Added _____

c) How many occupants? _____ d) Excavated Basement? Yes _____ No X

e) Basement Plumbing Fixtures? Yes _____ No X

f) Amount of water used monthly (gallons) _____

g) Water Supply: Public X Well _____ Spring _____

h) Is the lot staked? Yes If not, date it will be staked: _____

Is the house staked? yes If not, date it will be staked: _____

i) Installer, if known: _____

5. FOR INSPECTION LETTER ONLY AND CERTIFICATE OF VERIFICATION ONLY:

a) Age of house _____ b) Is house vacant? _____ How long? _____

c) Original sewage system inspected _____

d) Date of previous repairs _____ Inspected _____

e) Is wastewater "backing up" into plumbing fixtures? _____ Surfacing on the ground? _____

f) All wastewater including washing machines routed into septic tank _____

6. FOR WATER SAMPLE ONLY: a) Source of Supply: Spring _____ Well _____ Other _____

b) Is there an outside faucet? _____ c) Is the source chlorinated? _____

d) For Wells: Is the casing 6" above the ground? _____ Is a sanitary seal on the casing? _____

7. I certify that the above information is true and correct to the best of my knowledge; **I have been authorized by the above name landowner** to submit this application for Environmental Services to the Division of Water Resources.

DATE: Feb 27, 2025 SIGNATURE: Todd Davidson AMOUNT PAID: 500.00 RECEIPT NUMBER: 3892827062

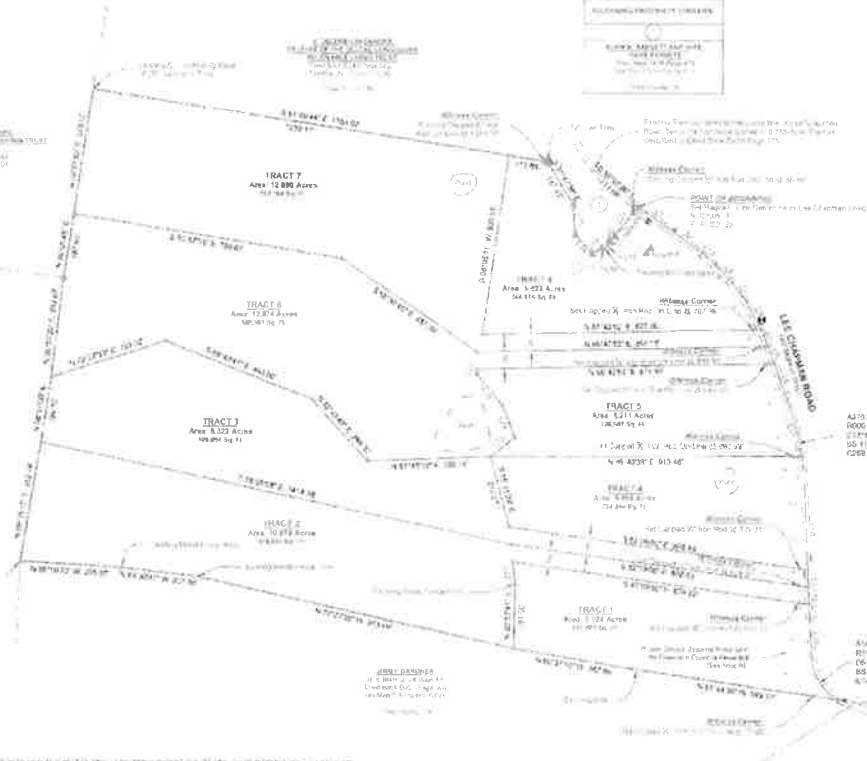
NON-CONFORMANCE CORRECTIONS

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY
- ADJACENT ROAD
- ADJACENT RAILROAD
- ADJACENT WATERWAY
- ADJACENT AIRWAY
- ADJACENT POWERLINE
- ADJACENT TELEPHONE LINE
- ADJACENT FENCE
- ADJACENT UTILITY
- ADJACENT OTHER

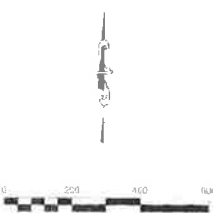
CURVE TABLE

| STATION | CHORD BEARING | CHORD DISTANCE | ARC BEARING | ARC DISTANCE |
|----------|-----------------|----------------|-------------|--------------|
| 1+00.00 | S 89° 00' 00" W | 100.00 | 90.00 | 157.08 |
| 2+00.00 | S 00° 00' 00" W | 100.00 | 00.00 | 100.00 |
| 3+00.00 | N 89° 00' 00" W | 100.00 | 90.00 | 157.08 |
| 4+00.00 | N 00° 00' 00" W | 100.00 | 00.00 | 100.00 |
| 5+00.00 | S 89° 00' 00" W | 100.00 | 90.00 | 157.08 |
| 6+00.00 | S 00° 00' 00" W | 100.00 | 00.00 | 100.00 |
| 7+00.00 | N 89° 00' 00" W | 100.00 | 90.00 | 157.08 |
| 8+00.00 | N 00° 00' 00" W | 100.00 | 00.00 | 100.00 |
| 9+00.00 | S 89° 00' 00" W | 100.00 | 90.00 | 157.08 |
| 10+00.00 | S 00° 00' 00" W | 100.00 | 00.00 | 100.00 |



01/09/2025 - 02:33:00 PM
25151437
1200 AL PLAT
BATCH 12471
PLAT: PCJ
PAGE: 91-91
HEC FEE 15.00
OP FEE 2.00
TOTAL 17.00
STATE OF TENNESSEE
TAMMY NELTON

- NOTICE**
1. THIS PLAT IS A CORRECTED PLAT OF A SURVEY MADE BY THE SURVEYOR ON 12/15/2024, WHICH WAS FILED FOR RECORD IN THE PUBLIC RECORDS OF THE COUNTY OF HAMILTON, TENNESSEE, ON 12/15/2024.
 2. THIS PLAT IS A CORRECTED PLAT OF A SURVEY MADE BY THE SURVEYOR ON 12/15/2024, WHICH WAS FILED FOR RECORD IN THE PUBLIC RECORDS OF THE COUNTY OF HAMILTON, TENNESSEE, ON 12/15/2024.
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- GENERAL NOTES**
1. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.
 2. ALL BEARINGS ARE TRUE BEARINGS.
 3. THE TOTAL AREA OF THIS PLAT IS 67.488 ACRES.
 4. THIS PLAT IS A CORRECTED PLAT OF A SURVEY MADE BY THE SURVEYOR ON 12/15/2024, WHICH WAS FILED FOR RECORD IN THE PUBLIC RECORDS OF THE COUNTY OF HAMILTON, TENNESSEE, ON 12/15/2024.



APPROVED FOR RECORDING BY THE CLERK OF THE COUNTY OF HAMILTON, TENNESSEE, ON 12/15/2024.

[Signature]

FINAL PLAT
BRIAN DODGE

| DRAWN BY | REVIEWED BY | DATE |
|-------------------------------------------------------------------------------------------|-------------|------------|
| ESSENTIAL LAND SURVEYING & MAPPING, LLC | | 01/09/2025 |
| 811 HAYSTACK LANE COLUMBIA, TN 38421 PHONE 931-386-6483 EMAIL CPUGH@ELSM-LLC.COM | | |