

DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT NOTES

1. THE AREA FOR SUBSURFACE SEWAGE DISPOSAL SYSTEM IS SHOWN THUS:

(A) LPP / CS (B) LPP / CS

2. TRACT 1 PRIMARY PRINCIPAL RESIDENCE IS RESTRICTED TO ONE (1) BEDROOM, SINGLE FAMILY DWELLING, WITH NO OVERSIZED BATHING FIXTURE.

3. TRACT 1 SECONDARY PRINCIPAL RESIDENCE IS RESTRICTED TO ONE (1) BEDROOM, SINGLE FAMILY DWELLING, WITH NO OVERSIZED BATHING FIXTURE.

4. TRACT 1 ACCESSORY DWELLING IS RESTRICTED TO ONE (1) BEDROOM, SINGLE FAMILY DWELLING, WITH NO OVERSIZED BATHING FIXTURE.

5. TRACT 2 IS RESTRICTED TO ONE (1) BEDROOM, SINGLE FAMILY DWELLING, WITH NO OVERSIZED BATHING FIXTURE.

6. DESIGNATED SEWAGE DISPOSAL AREAS SHOWN ON THIS PLAT PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAP BY MICHAEL HAARBAUER PRIVATE SOIL CONSULTANT ON 2/2006, AND REVISED ON 9/1/2016.

7. ANY CUTTING, FILLING, COMPACTION OR DISTURBANCE FROM THEIR NATURAL STATE, OF THE SOIL AREAS RESERVED FOR SEWAGE DISPOSAL, SHALL BE REVOKED. IN REVOCATION OF THE LOT APPROVAL, ADDITIONALLY, THE DEPARTMENT SHALL HAVE AUTHORITY TO REFUSE TO GRANT ANY CONSTRUCTION PERMIT OR MAY REVOKE A CONSTRUCTION PERMIT WHERE THE INTEGRITY OF THE PROPOSED SUBSURFACE SEWAGE DISPOSAL SYSTEM AREAS HAVE BEEN COMPROMISED.

8. ALL SEPTIC SYSTEMS MUST BE INSTALLED BY AN INSTALLER LICENSED BY WILLIAMSON COUNTY TO CONSTRUCT ALTERNATIVE OR CONVENTIONAL SEPTIC SYSTEMS.

9. NO BATHING FIXTURES EXCEEDING STANDARD CAPACITY 60 US GALLONS, INCLUDING, BUT NOT LIMITED TO, OVERSIZED BATHUBS, SPA-TUBS, HOT TUBS, WHIRLPOOLS OR JACUZZIS, ETC., SHALL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.

10. NO UTILITIES (I.E. GAS, WATER, OR ELECTRIC) OR THEIR EASEMENTS, ABOVE OR BELOW GROUND, SHALL BE ALLOWED TO ENROACH WITHIN 10 FEET OF THE BOUNDARIES OF THE SOIL AREAS RESERVED FOR SEWAGE DISPOSAL.

11. CURTAIN/SEPTIC/TORNDRAIN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS AS SUCH, THEY SHALL ADHERE TO THE DESIGN, LOCATION AND TESTING SPECIFIED ON THIS PLAT. HOWEVER, THE DRAINS AS SHOWN MAY BE SUBJECT TO CHANGE AT THE SOIL DISCRETION OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT AS DEEMED NECESSARY BY THEIR FIELD INVESTIGATION AT THE TIME OF SUBMITTAL OF EACH INDIVIDUAL LOTS ALTERNATIVE SYSTEM SITE AND DESIGN PLANS. THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT'S EVALUATION WILL BE CONDUCTED ON A SITE-SPECIFIC LOT BY LOT BASIS.

12. NO IRRIGATION SYSTEMS, OR THEIR COMPONENTS THEREOF, SHALL ENROACH ON, IN OR WITHIN 10 FEET OF THE BOUNDARIES OF THE DESIGNATED OR PLATTED SSAS AREAS. IT SHALL ALSO BE LOCATED A MINIMUM OF 5 FEET AWAY FROM ANY DRAINAGE IMPROVEMENT PRACTICE ASSOCIATED WITH THE SSAS AREA.

13. NO CUTTING, FILLING, OR COMPACTION OR ANY OTHER DISTURBANCE OF THE AREAS RESERVED FOR SEWAGE DISPOSAL SHALL BE PERMITTED.

14. THE LIMITS OF ALL EXCAVATIONS GREATER THAN 18 INCHES IN DEPTH, MADE FOR THE PURPOSE OF HOUSE CONSTRUCTION (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT 36 FEET OR MORE AWAY FROM THE PLATTED OR DESIGNATED SEWAGE DISPOSAL AREAS.

15. THE LIMITS OF ALL EXCAVATIONS, MADE FOR THE PURPOSE OF HOUSE CONSTRUCTION (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT WITHIN THE CONFINES OF THE PLATTED BUILDING ENVELOPE.

16. ALL PARTS OF THE HOUSE AND ANY OF ITS RELATED APPENDAGE (INCLUDING, BUT NOT LIMITED TO, DETACHED GARAGES, PORCHES, DRIVEWAYS, PARKING AREAS, UTILITIES, ETC.) SHALL STRICTLY ADHERE TO THE MINIMUM SETBACK REQUIREMENTS FROM THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AREAS AS OUTLINED IN SECTION 18 OF THE REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS, ADOPTED MAY 16, 2006, AND EFFECTIVE OCTOBER 1, 2006.

17. NO CONSTRUCTION OF PATIOS, SWIMMING POOLS, ACCESSORY BUILDINGS, ETC. SHALL BE ALLOWED ON ANY LOT SERVED BY A SUBSURFACE SEWAGE DISPOSAL SYSTEM, UNLESS APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.

18. WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED SSAS FIELD AREAS BY A MINIMUM OF 10 FEET.

19. NO WATER SOURCE, WELLS OR SPRINGS ARE TO BE DRILLED, CONSTRUCTED OR PLACED WITHIN 40 FEET OF ANY PORTION OF THE SEPTIC SYSTEM. THIS INCLUDES THE SEPTIC TANK, DISTRIBUTING ALTERNATING VALVES, OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.

20. ALL PLATTED SEWAGE DISPOSAL AREAS SHALL BE FIELD CHECKED BY A LICENSED SURVEYOR, AND FENCES OR, TO PROTECT THE AREAS FROM ALL CONSTRUCTION TRAFFIC, BY THE PROPERTY OWNER OR BUILDING CONTRACTOR. THE AREAS THEN SHALL BE FIELD CHECKED AND VERIFIED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT PRIOR TO THE ISSUANCE OF THE SEPTIC PERMIT.

21. THIS SITE MAY MANDATE THE USE OF SEWAGE/EFFLUENT PUMP AND APPROPRIATELY SIZED PUMP TANK IN ORDER TO PROVIDE SEWER SERVICES FROM THE HOUSE TO THE SSAS AREAS. THIS SHALL BE SPECIFIED BY THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT BASED UPON THE FINISHED ELEVATION OF THE HOUSE FLOORING, FLOOR-OUT AND THE SSAS AREAS.

22. THE EXACT LOCATION OF THE WATER SOURCE (I.E. WELL, CISTERN, SPRING) OR PRIVATE WATER SOURCE MUST BE FIELD LOCATED BY A SURVEYOR OR ENGINEER ON A COPY OF THIS PLAT AND SUBMITTED TO THE DEPARTMENT OF WILLIAMSON COUNTY DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.

23. PRIOR TO INSTALLATION, THE LOCATION OF THE WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE APPROVED BY THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.

24. LOCATION OF WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE A MINIMUM OF 90 FEET AWAY FROM ANY SEWAGE DISPOSAL AREA, INCLUDING THOSE LOCATED UPON ADJACENT LOTS.

25. THERE SHALL BE NO SEWAGE CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC OR PUMP TANKS, ETC.) LOCATED WITHIN 60 FEET OF ANY WELL OR ON THE PROPERTY.

26. SSAS COMPONENTS CROSSING UTILITIES AND THEIR RELATED EASEMENTS, IN ADDITION TO DRIVEWAYS, ACCESS EASEMENTS, ETC. ANY AND ALL SSAS COMPONENTS (INCLUDING BUT NOT LIMITED TO CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHIELDED AND BEDDED (AS PER SPECIFICATIONS FROM WCDSDM) WHERE THEY CROSS ANY DRIVEWAY, ACCESS EASEMENT, UTILITY LINES AND THEIR RELATED EASEMENTS. THE SHIELDING SHALL EXTEND FROM A POINT 10 FEET PRIOR TO ENTERING ANY EASEMENT AND SHALL EXTEND THROUGHOUT THE ENTIRE WIDTH OF THE EASEMENT AND SHALL END AT A POINT 10 FEET PAST THE LIMITS OF ANY EASEMENT. ALL CROSSINGS MUST BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT. ALL SHIELDING MUST BE SCHEDULE 80 PVC OR DUCTILE IRON AND BE BEDDED IN 1" OF GRAVEL.

27. CS DENOTES THAT THIS LOT IS SERVED BY A CONVENTIONAL MEANS OF SUBSURFACE SEWAGE DISPOSAL SYSTEM. LPP DENOTES THAT THIS LOT IS SERVED BY A LOW PRESSURE PIPS SYSTEM. WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL. MLPP DENOTES THAT THIS LOT IS SERVED BY A MODIFIED LOW PRESSURE PIPS SYSTEM. WHICH REQUIRES 8" TO 10" INCHES OF COMPACTIBLE SOIL FILL MATERIAL TO BE INCORPORATED ONTO THE DESIGNATED OR PLATTED SEWAGE DISPOSAL AREA UNDER DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT SUPERVISION.

28. BEFORE A PERMIT TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCE WITH A PROPOSED WASTEWATER FLOW RATE EXCEEDING 750 GALLONS PER DAY (GPD), DETAILED SITE AND DESIGN PLANS FOR SAID SYSTEM SHALL BE SUBMITTED TO THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND APPROVAL. THESE PLANS SHALL BE PREPARED BY AN ENGINEER LICENSED IN THE STATE OF TENNESSEE.

29. BEFORE A PERMIT TO CONSTRUCT A LPP OR MLPP SEPTIC SYSTEM CAN BE ISSUED, DETAILED SITE AND DESIGN PLANS FOR THE LPP OR MLPP SYSTEM SHALL BE SUBMITTED TO THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND APPROVAL. THESE PLANS SHALL BE PREPARED BY AN ENGINEER LICENSED IN THE STATE OF TENNESSEE.

30. AN ARAP MUST BE OBTAINED FROM THE STATE OF TENNESSEE AT THE DEPARTMENT OF ENVIRONMENT AND CONSERVATION BEFORE ANY CONSTRUCTION, EXCAVATION, CLEARING OR GRADING ACTIVITIES CAN OCCUR WITHIN THE CREEK OR WATERWAY NATURAL AREA.

31. GEOTECHNICAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTECHNICAL BORERHOLE:

SOURCE OF STRUCTURE MINIMUM DISTANCES

25' WATERLINE EASEMENT DEED BOOK 9065 PAGE 582

25' WATERLINE EASEMENT DEED BOOK 9065 PAGE 582

GENERAL NOTES

1. THE PURPOSE OF THIS SUBSURFACE SEWAGE DISPOSAL LOCATION MAP IS TO DESIGNATE NEW SEPTIC FIELD AREAS ALONG WITH THE ASSOCIATED NOTES AND RESTRICTIONS FOR TRACT 1, 11.45 ACRES AND TRACT 2, 20.53 ACRES.

2. POTABLE WATER FOR PROPERTY SERVED BY H.B.&S. UTILITY DISTRICT UPON REQUEST.

3. THE SUBJECT PROPERTY LIES IN A ZONE "X" (AREAS OF MINIMAL FLOOD HAZARD) AS SHOWN ON FIRM MAP 4767C01060 DATED 12/22/2016.

4. ALL DISTANCES SHOWN HEREON ARE BASED UPON A FIELD-RUN SURVEY USING GPS EQUIPMENT TIED TO DOR CORS.

5. UTILITIES, IF SHOWN, WERE TAKEN FROM VISIBLE STRUCTURES AT THE SITE. VERIFICATION OF THEIR EXISTENCE, LOCATION, SIZE, AND DEPTH, SHOULD BE MADE BEFORE MAKING DECISIONS REGARDING THEM. AVAILABILITY OF SERVICES SHOULD BE CONFIRMED WITH THE APPROPRIATE LOCAL UTILITY COMPANY. TENNESSEE ONE CALL (811) SHOULD BE CALLED BEFORE ANY CONSTRUCTION OR DIGGING.

6. THIS SURVEY WAS MADE WITHOUT THE BENEFIT OF A TITLE REPORT. IT IS THEREFORE SUBJECT TO THE FINDINGS OF AN ACCURATE TITLE REPORT.

7. THIS PROPERTY IS SUBJECT TO BOTH RECORDED EASEMENTS, AND TO THOSE UNKNOWN TO THIS SURVEYOR.

8. TOPOGRAHY DATUM BASED ON NAVD 1983 TAKEN FROM TENNESSEE LIDAR MAPPING AND FIELD CHECKED.

9. THE RECORDING OF THIS PLAT VOID, VACATES, AND SUPERSEDES THE PREVIOUSLY APPROVED RECORDED SSAS LOCATION MAP PB 70 PG 49 W.C.R.O.

10. *SPECIAL NOTE: TRACTS 1 AND 2, OF THE DANIEL PETERSEN PROPERTY. THESE TRACTS CONTAIN CULTURAL-ROLES WHICH BY DEFINITION ARE PRONE TO CREEP OR SLIPPAGE, AS SUCH, IT IS RECOMMENDED THAT A GEO-TECHNICAL ASSESSMENT AND A SOIL STABILIZATION PLAN BE OBTAINED FOR THE PROPOSED STRUCTURES.

NATURAL RESOURCE PROTECTION NOTES (WATERWAY NATURAL AREA (W.N.A.))

1. ANY WATERWAY NATURAL AREA SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS WHICH MAY BE FOUND IN THE LAND RECORDS AND WHICH RESTRICT DISTURBANCE AND USE OF THESE AREAS.

2. WITHIN THE WATERWAY NATURAL AREA, THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, OR DISTURBANCE OF VEGETATION EXCEPT AS PERMITTED BY THE WILLIAMSON COUNTY ENGINEERING DEPARTMENT.

3. WATERWAY NATURAL AREAS (WNA) EXIST ON ALL INTERMITTENT OR PERENNIAL STREAM WATERWAYS AS DEFINED IN THE WILLIAMSON COUNTY STORM WATER MANAGEMENT REGULATIONS. FOR MORE INFORMATION OR ASSISTANCE IN APPLYING THESE REGULATIONS, PLEASE CONTACT THE WILLIAMSON COUNTY ENGINEERING DEPARTMENT AT (615) 760 - 4725.

CERTIFICATION OF GENERAL APPROVAL FOR INSTALLATION OF SUBSURFACE SEWAGE DISPOSAL SYSTEMS WITH RESTRICTIONS

GENERAL APPROVAL IS HEREBY GRANTED FOR LOTS PROPOSED HEREON AS BEING SUITABLE FOR SUBSURFACE SEWAGE DISPOSAL WITH THE LATTER AND/OR ATTACHED RESTRICTIONS BEFORE THE INITIATION OF CONSTRUCTION. THE LOCATION OF THE HOUSE OR OTHER STRUCTURE AND PLANS FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE APPROVED BY THE LOCAL HEALTH AUTHORITY.

BRIAN E. CORWIN, DIRECTOR 9/15/22 DATE

CERTIFICATION OF OWNERSHIP AND DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AS EVIDENCED IN DEED BOOK 8881 PAGE 487 R.O.W.C. AND DEED BOOK 8881 PAGE 491 R.O.W.C. AND THAT I (WE) DO NOT HAVE ANY OTHER INTEREST IN THE PROPERTY.

OWNER: [Signature] DATE: 9/16/22

OWNER: [Signature] DATE: 9/16/22

CURTAIN DRAIN ELEVATION TABLE

TRACT	MIN. DEPTH		A
I PRIMARY PRINCIPAL RESIDENCE	36"	GND. ELV.	683.8
		INV. ELV.	680.8

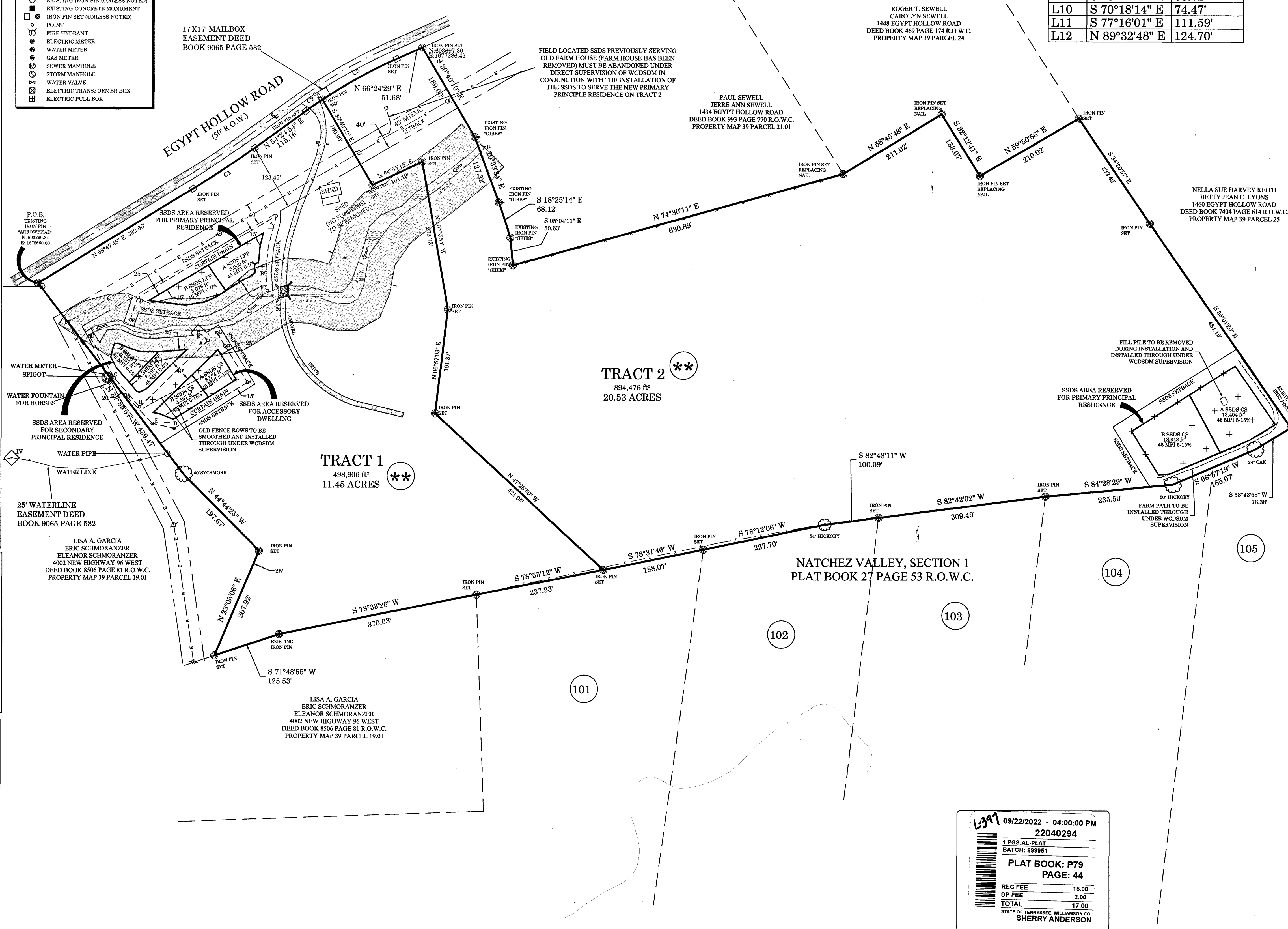
TRACT	MIN. DEPTH		A
1 SECONDARY PRINCIPAL RESIDENCE	36"	GND. ELV.	674.2
		INV. ELV.	671.2

CURTAIN DRAIN ELEVATION TABLE

TRACT	MIN. DEPTH		A	B	C	D	E	F
1 ACCESSORY DWELLING	36"	GND. ELV.	683.9'	676.0'	672.0'	678.1'	676.0'	671.0'
		INV. ELV.	680.9'	673.0'	OUTLET	675.1'	672.0'	OUTLET

CURVE	RADIUS	ARC LENGTH	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	1775.07'	135.72'	4°22'50"	N 56°36'19" E	135.68'
C2	968.74'	37.92'	2°14'34"	N 55°32'11" E	37.92'
C3	968.74'	155.69'	9°12'30"	N 61°15'43" E	155.52'

LINE	BEARING	DISTANCE
L1	S 30°40'10" E	52.61'
L2	S 09°58'17" W	39.06'
L3	S 21°28'03" W	104.55'
L4	S 15°32'01" W	81.58'
L5	S 05°41'35" W	75.34'
L6	S 01°19'37" E	47.55'
L7	S 14°42'04" E	43.40'
L8	S 29°26'13" E	60.53'
L9	S 48°21'22" E	63.72'
L10	S 70°18'14" E	74.47'
L11	S 77°16'01" E	111.59'
L12	N 89°32'48" E	124.70'



CHAPDELAIN & ASSOCIATES LAND SURVEYING

7376 WALKER ROAD, FAIRVIEW, TENNESSEE 37062 (615) 799-8104 chapsurveyors@msn.com Randolph L. Chapdelaine TN R.L.S. #1444

NATCHEZ TRACE PARKWAY EGYPT HOLLOW ROAD HIGHWAY 98

NELLA SUE HARVEY KEITH BETTY JEAN C. LYONS 1460 EGYPT HOLLOW ROAD DEED BOOK 7404 PAGE 614 R.O.W.C. PROPERTY MAP 39 PARCEL 25

CERTIFICATE OF ACCURACY

I HEREBY CERTIFY THAT THIS IS A CATEGORY IV SURVEY AND THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION. THIS SURVEY WAS DONE IN COMPLIANCE WITH CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE, AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

a. REAL TIME KINEMATIC & BASE SOKKIA GRX 3
b. POSITIONAL ACCURACY: 0.05 FEET
c. DATE OF SURVEY: 9/15/2021
d. DATUM / EPOCH: NAD83 (2011) EPOCH
e. PUBLISHED / FIXED CONTROL: TDOT CORS NETWORK
f. GEOID MODEL: GEOID 12B
g. COMBINED GRID FACTOR: 0.99992612

Randolph L. Chapdelaine 9/15/2022

RANDOLPH L. CHAPDELAIN, R.L.S. # 1444 DATE

DANIEL J. PETERSEN CYNTHIA N. PETERSEN 1428 EGYPT HOLLOW ROAD FRANKLIN, TENNESSEE 37064 DEED BOOK 8881 PAGE 487 R.O.W.C. DEED BOOK 8881 PAGE 491 R.O.W.C. PLAT BOOK 70 PAGE 49 R.O.W.C. 6th CIVIL DISTRICT OF WILLIAMSON COUNTY, TENNESSEE PROPERTY MAP 39 PARCEL 21 TRACT 1 11.45 ACRES TRACT 2 20.53 ACRES

REVISION #	DATE
REVISION #2	9-15-22
REVISION #1	8-15-22

DATE: JANUARY 19, 2022
DRAWN BY: KL, JH
JOB #: 6142
SCALE: 1" = 100'

0 100 200

V-1.1

SUBSURFACE SEPTIC DISPOSAL LOCATION MAP FOR DANIEL PETERSEN PROPERTY TRACTS 1 & 2

6391 09/22/2022 - 04:00:00 PM 22040294

1 PGS AL PLAT BATCH: 899861

PLAT BOOK: P79 PAGE: 44

REC FEE: 16.00
DP FEE: 2.00
TOTAL: 17.00

STATE OF TENNESSEE, WILLIAMSON CO. SHERRY ANDERSON

RECEIVED by: WILLIAMSON COUNTY DEPARTMENT OF Sewage Disposal Management SEPTEMBER 16, 2022 4:25 PM SAH PLAT# 4125

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