

DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT NOTES

- 1.) TRACT 1 PRIMARY PRINCIPAL RESIDENCE IS RESTRICTED TO ONE, (5) BEDROOM, SINGLE FAMILY DWELLING, WITH A 60-GALLON OVERSIZED BATHING FIXTURE.
- 2.) THE AREA FOR SUBSURFACE SEWAGE DISPOSAL SYSTEM IS SHOWN THUS:

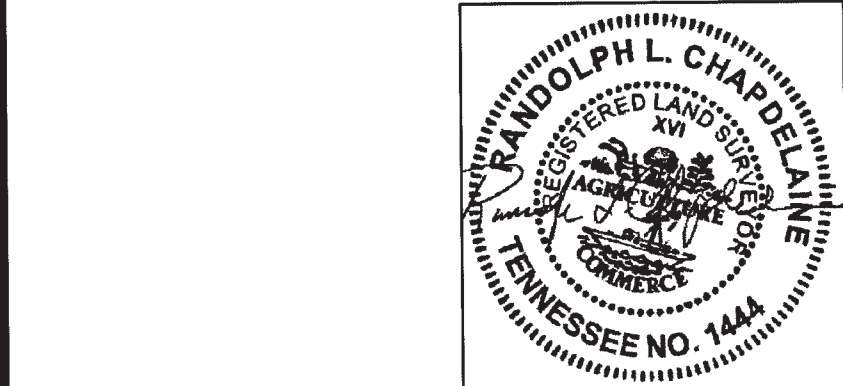
(A) CS S505/LPP

(B) CS S505/LPP
- 3.) ANY CUTTING, FILLING, COMPACTION OR DISTURBANCE FROM THEIR NATURAL STATE, OF THE SOIL AREAS RESERVED FOR SEWAGE DISPOSAL, SHALL RESULT 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.
- 4.) ALL SEPTIC SYSTEMS MUST BE INSTALLED BY AN INSTALLER LICENSED BY WILLIAMSON COUNTY TO CONSTRUCT ALTERNATIVE OR CONVENTIONAL SEPTIC SYSTEMS.
- 5.) NO BATHING FIXTURES EXCEEDING STANDARD CAPACITY (30 US GALLONS), INCLUDING, BUT NOT LIMITED TO, OVERSIZED BATHTUBS, SPACED, HOT TUBS, WHIRLPOOLS, OR JACUZZIS, ETC., SHALL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
- 6.) NO UTILITIES (I.E. GAS, WATER, OR ELECTRIC) OR THEIR EASEMENTS, ABOVE OR BELOW GROUND, SHALL BE ALLOWED TO ENCROACH WITHIN 10 FEET OF THE BOUNDARIES OF THE SOIL AREAS RESERVED FOR SEWAGE DISPOSAL.
- 7.) CURTAIN/INTERCEPTOR/DRAWDOWN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS. AS SUCH, THEY SHALL ADHERE TO THE DESIGN, LOCATION AND ROUTING DEPICTED ON THIS PLAN. HOWEVER, THE DRAINS AS SHOWN MAY BE SUBJECT TO CHANGE AT THE SOLE 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 LOT'S 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.
- 8.) NO IRRIGATION SYSTEMS, OR THEIR COMPONENTS THEREOF, SHALL ENCROACH ON, OR WITHIN 10 FEET OF THE BOUNDARIES OF THE DESIGNATED OR PLATTED S505 AREAS. IT SHALL ALSO BE LOCATED A MINIMUM OF 5 FEET AWAY FROM ANY DRAINAGE IMPROVEMENT PRACTICE ASSOCIATED WITH THE S505 AREA.
- 9.) NO CUTTING, FILLING, OR COMPACTION OR ANY OTHER DISTURBANCE OF THE AREAS RESERVED FOR SEWAGE DISPOSAL SHALL BE PERMITTED.
- 10.) 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 25 FEET OR MORE AWAY FROM THE PLATTED OR DESIGNATED SEWAGE DISPOSAL AREAS.
- 11.) 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.
- 12.) ALL PARTS OF THE HOUSE AND ANY OF ITS RELATED APPENDAGES (INCLUDING, BUT NOT LIMITED TO DETACHED GARAGES, PORCHES, DECKS, SIDEWALKS, DRIVEWAYS, PARKING AREAS, UTILITIES, ETC.) SHALL STRICTLY ADHERE TO THE MINIMUM SETBACK REQUIREMENTS FROM THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AREAS AS OUTLINED IN SECTION 15 OF THE REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS, ADOPTED MAY 16, 2000, AND EFFECTIVE OCTOBER 1, 2000.
- 13.) 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.
- 14.) WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED DISPOSAL FIELD AREAS BY A MINIMUM OF 10 FEET.
- 15.) NO WATER SOURCE, WELLS OR SPRINGS ARE TO BE DRILLED, CONSTRUCTED OR PLACED WITHIN 50 FEET OF ANY PORTION OF THE SEPTIC SYSTEM. THIS INCLUDES THE SEPTIC TANK, TIGHTLINES, ALTERNATING VALVES, OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.
- 16.) ALL PLATTED SEWAGE DISPOSAL AREAS SHALL BE FIELD STAKED BY A LICENSED SURVEYOR AND FENCED OFF, 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.
- 17.) 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 S505 AREAS. THIS SHALL BE SPECIFIED BY THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT BASED UPON THE FINISHED ELEVATION OF THE HOUSE PLUMBING STUB-OUT AND THE S505 AREAS.
- 18.) 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 PLAN AND SUBMITTED TO THE DEPARTMENT OF WILLIAMSON COUNTY DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.
- 19.) 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.
- 20.) DESIGNATED SEWAGE DISPOSAL AREAS SHOWN ON THIS PLAN PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAPPED BY RANDY DICERSON ON 8/25/2010 AND MICHAEL HANBAUER PRIVATE SOIL CONSULTANTS ON 10/09/2020, AND REVISED ON 10/22/20.
- 21.) LOCATION OF WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE A MINIMUM OF 50 FEET AWAY FROM ANY SEWAGE DISPOSAL AREA, INCLUDING THOSE LOCATED UPON ADJACENT LOTS.
- 22.) THERE SHALL BE NO SEWAGE CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC OR PUMP TANKS, ETC.) LOCATED WITHIN 50 FEET OF ALL WELLS (ON THIS PROPERTY).
- 23.) S505 COMPONENTS CROSSING UTILITIES AND THEIR RELATED EASEMENTS, IN ADDITION TO DRIVEWAYS, ACCESS EASEMENTS, ETC. ANY AND ALL S505 COMPONENTS (INCLUDING BUT NOT LIMITED TO: CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHEATHED AND BEDDED (AS PER SPECIFICATIONS FROM WCDWM) WHERE THEY CROSS ANY DRIVEWAY, ACCESS EASEMENT, UTILITY LINES (AND THEIR RELATED EASEMENTS). THE SHEATHING 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 COMPLIANCE WITH THE REQUIREMENTS OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT. ALL SHEATHING MUST BE SCHEDULE 80 PVC OR DUCTILE IRON AND BE BEDDED IN 12" OF GRAVEL.
- 24.) CS DENOTES THAT THIS LOT IS SERVED BY A CONVENTIONAL MEANS OF SUBSURFACE SEWAGE DISPOSAL SYSTEM.
- 25.) LP DENOTES THAT THIS LOT IS SERVED BY A LOW PRESSURE PIPE SYSTEM, WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL; MLPP DENOTES THAT THIS LOT IS SERVED BY A MODIFIED LOW PRESSURE PIPE SYSTEM, WHICH REQUIRES 6 TO 10 INCHES OF COMPATIBLE SOIL FILL MATERIAL TO BE INCORPORATED ONTO THE DESIGNATED OR PLATTED SEWAGE DISPOSAL AREA UNDER DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT SUPERVISION.
- 26.) BEFORE A PERMIT TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCE WITH A PROJECTED 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.
- 27.) 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.
- 28.) AN ANAP PERMIT 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.
- 29.) GEOTHERMAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTHERMAL BOREHOLES:

SOURCE OF STRUCTURE	MINIMUM DISTANCES
SEWER LINE	10 FEET
SEPTIC TANK	25 FEET
SPRINGS	100 FEET
SEPTIC DRAIN FIELDS	25 FEET
WATER WELLS	100 FEET
HOUSE TO SEPTIC TANK CONNECTION	10 FEET
HOUSE TO SEWER CONNECTION	10 FEET
- 30.) ALL PLUMBING FIXTURES TO BE OF THE WATER CONSERVATIVE TYPE, INCLUDING LOW VOLUME FLUSH TOILETS (1.6 GALLONS OR LESS), 1.5 TO 2.0 GALLONS PER MINUTE SHOWER HEADS, AND FAUCET AERATORS.
- 31.) TRACT 3 AREA: THE SOIL'S PURPOSE OF THIS SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP IS TO DEDICATE SEPTIC SYSTEM AREAS IN COMPLIANCE WITH THE WILLIAMSON COUNTY REGULATION 5 GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS RESERVED FOR SUBSURFACE SEWAGE DISPOSAL ON THE SUBJECT PROPERTY, AND TO MEMORIALIZE RELATED CONDITIONS AND RESTRICTIONS. THE APPROVAL OF THIS DOCUMENT BY THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT DOES NOT GUARANTEE THE OWNER'S RIGHT TO SUBDIVIDE OR CONSOLIDATE PROPERTY, NOR GUARANTEE THE RIGHT TO CONSTRUCT OR ALTER A STRUCTURE. THIS MAP HAS NOT BEEN EVALUATED IN RELATION TO ANY OTHER RULES, REGULATIONS OR ORDINANCES OF OTHER COUNTY OFFICES OR DEPARTMENTS AND THIS APPROVAL GRANTS NO ASSURANCES THAT IT IS IN COMPLIANCE WITH ANYTHING OTHER THAN THE REGULATION 5 NOTED HEREIN.
- 32.) OTHER THAN THE SEPTIC SYSTEM SPECIFIED HEREON, THE WILLIAMSON COUNTY PLANNING OFFICE SHALL ASSIGN ALL OTHER SETBACKS AT SUCH TIME AS WHEN AN APPLICATION FOR A BUILDING PERMIT IS MADE.

- ## GENERAL NOTES
- 1.) THE PURPOSE OF THIS SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP REVISION IS TO DESIGNATE NEW SEPTIC FIELD AREAS ALONG WITH THE ASSOCIATED NOTES AND RESTRICTIONS FOR TRACT 3 OF MINNIE JANE GIVENS DIVISION.
 - 2.) ALL DISTANCES SHOWN HEREON ARE BASED UPON A FIELD-RUN SURVEY USING E.D.M. EQUIPMENT, AND ARE ADJUSTED FOR TEMPERATURE.
 - 3.) 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 SERVICE SHOULD BE CONFIRMED WITH APPROPRIATE LOCAL UTILITY COMPANY. TENNESSEE ONE CALL (811) SHOULD BE CALLED BEFORE ANY CONSTRUCTION OR DIGGING.
 - 4.) THIS SURVEY WAS MADE WITHOUT THE BENEFIT OF A TITLE REPORT. IT IS THEREFORE SUBJECT TO THE FINDINGS OF AN ACCURATE TITLE REPORT.
 - 5.) THIS PROPERTY IS SUBJECT TO BOTH RECORDED EASEMENTS, AND TO THOSE UNKNOWN TO THIS SURVEYOR.
 - 6.) THE SUBJECT PROPERTY LIES IN A ZONE "X" (AREAS OF MINIMAL FLOOD HAZARD) AS SHOWN ON FIRM MAP 47187C0110F DATED 9/29/2006 (NOT PRINTED).
 - 7.) PORTABLE WATER FOR PROPERTY SERVED BY PROPOSED WELL.
 - 8.) MODUL TENNESSEE ELECTRIC BATHING VEGEATION WITHIN 20-FOOT OF OVERHEAD POWER LINES, THEREFORE A 40-FOOT EASEMENT RUNS ALONG THE EXISTING POWER LINES.
 - 9.) THE RECORDS OF THIS PLAN VOIDS, VACATES AND SUPERSEDES THE PREVIOUSLY RECORDED S505 LOCATION MAP FOR TRACT 3 OF MINNIE JANE GIVENS DIVISION AS RECORDED IN PLAT BOOK 53 PAGE 98 R.O.W.C.
 - 10.) TOPOGRAPHY IS BASED ON NAVD 1983 TAKEN FROM TENNESSEE UDAR MAPPING AND FIELD CHECKED.

- ## NATURAL RESOURCE PROTECTION NOTES
- 1.) WATERWAY NATURAL AREA (WNA)
 - A.) 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.
 - B.) 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.
 - C.) WATERWAY NATURAL AREAS (DESIGNATED WNA) EXIST ON ALL INTERMITTENT OR PERENNIAL STREAM WATERWAYS AS DEFINED IN THE WILLIAMSON COUNTY STORM WATER MANAGEMENT REGULATIONS. FOR INFORMATION OR ASSISTANCE IN APPLYING THESE REGULATIONS, PLEASE CONTACT THE WILLIAMSON COUNTY ENGINEERING DEPARTMENT AT (615)790-5725.



CHAPDELAIN & ASSOCIATES
7376 WALKER ROAD
FAIRVIEW, TENNESSEE 37062
(615) 799-8104
chapsurveyors@msn.com

RANDOLPH L. CHAPDELAIN
TN. RLS. 1444
MARCH 19, 2021
DATE

I hereby certify that this a category IV survey and that this map was drawn under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

- (a) REAL TIME KINEMATIC & BASE SOKKIA GRX3
- (b) POSITIONAL ACCURACY 0.05 FEET
- (c) DATE OF SURVEY AUGUST 10, 2020
- (d) DATUM/EPOCH NAD83 (2011) EPOCH
- (e) PUBLISHED/FIXED CONTROL USED: TDOT CORRS NETWORK
- (f) CHOID MODEL GEOD 12B
- (g) COMBINED GRID FACTOR: 0.99991494
- (h) THE SURVEY WAS DONE IN COMPLIANCE WITH CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE.

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 LISTED AND/OR ATTACHED RESTRICTIONS. BEFORE THE INITIATION OF CONSTRUCTION, THE LOCATION OF THE HOUSE OR OTHER STRUCTURES AND PLANS FOR THE SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE APPROVED BY THE LOCAL HEALTH AUTHORITY.

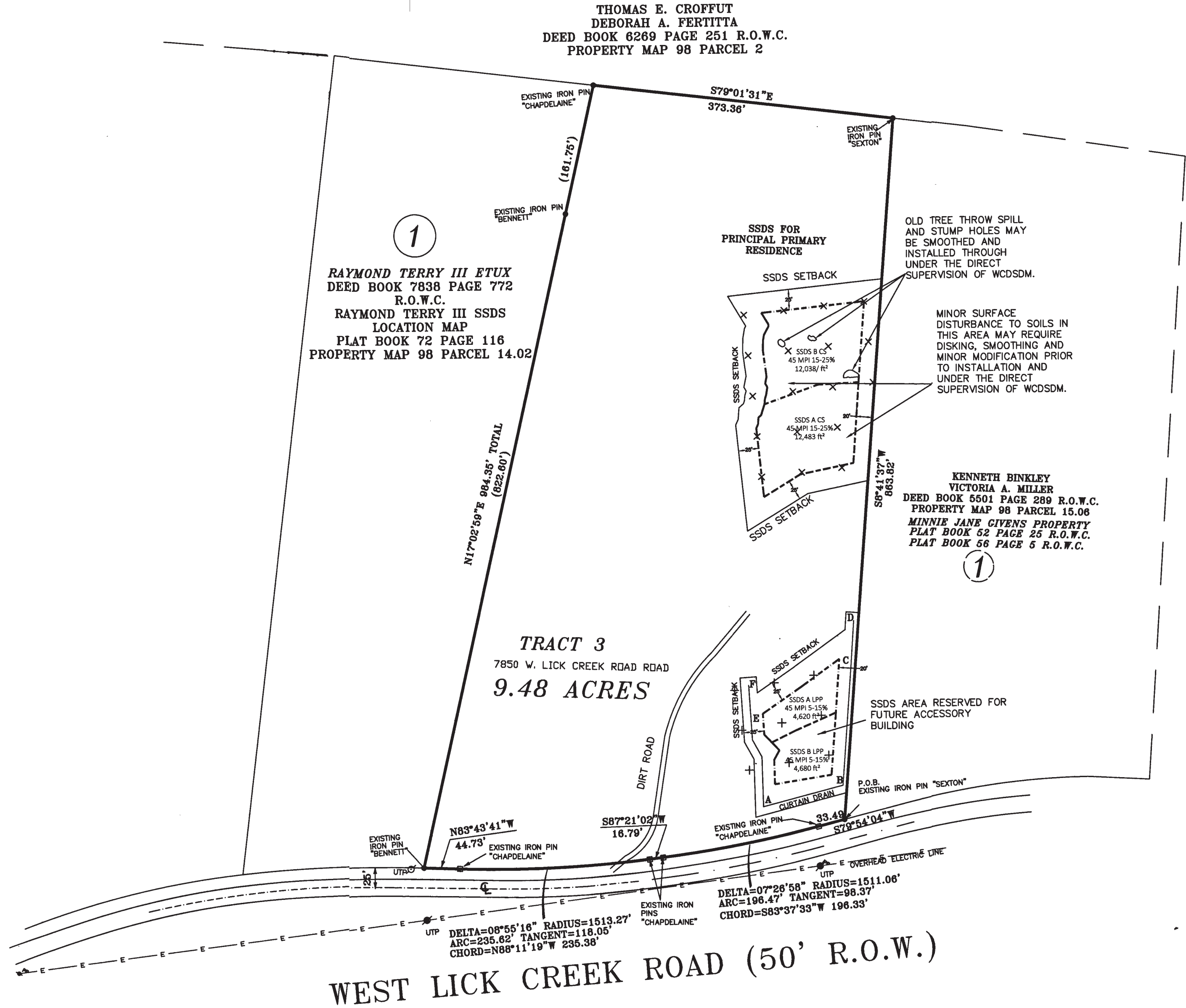
DATE 3/34/21 9:45am
BRIAN K. CORMIN, DIRECTOR

CERTIFICATE 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 BOOK 8096 PAGE 782, R.O.W.C. AND THAT I (WE) ADOPT THIS PLAN OF SUBSURFACE SEWAGE DISPOSAL SYSTEM AND RESTRICTION OF MY (OUR) FREE CONSENT.

OWNERS MATTIE RICHE DATE 3/27/21
OWNERS _____ DATE _____

CURTAIN DRAIN ELEVATION TABLE						
LOT	MIN. DEPTH		A	B	C	D E F
1	36"	GND. ELV.	884.4'	883.3'	876.0'	872.0' 875.0' 871.0'
		INV. ELV.	881.4'	880.3'	873.0'	OUTLET 872.0' OUTLET



- ## LEGEND
- = UNDERGROUND ELECTRIC LINE
 - = ELECTRIC LINE
 - x - = FENCE
 - v - = WATER LINE
 - ⊗ = WELL
 - ⊕ = UTILITY POLE
 - ⊕ = TICK MARKS GRID STAKES SET
 - = IRON PIN SET UNLESS NOTED
 - ⦿ = FIRE HYDRANT

3/31/2021 - 03:26:00 PM
21019775
1 POSAL PLAT
BATCH: 767938
PLAT BOOK: P75
PAGE: 120
REC FEE 16.00
DP FEE 2.00
TOTAL 17.00
STATE OF TENNESSEE, WILLIAMSON CO
SHERRY ANDERSON

SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP TRACT 3 MINNIE JANE GIVENS DIVISION 1st REVISION

OWNERS: MATTIE RICHE NORMAN ET VIR
7850 WEST LICK CREEK ROAD
DEED BOOK 8096 PAGE 782
TRACT 3 OF MINNIE JANE GIVENS S505 LOCATION MAP
PLAT BOOK 53 PAGE 99
2nd CIVIL DISTRICT OF WILLIAMSON COUNTY, TENNESSEE
PROPERTY MAP 98 PARCEL 15
DATE: NOVEMBER 11, 2020 REVISED: MARCH 10, 2021
REVISED MARCH 19, 2021 REVISED MARCH 24, 2021
TRACT 1 9.48 ACRES

JOB # 5886 SCALE 1"=100' 0 100' 200'

RECEIVED BY: WILLIAMSON COUNTY
DEPARTMENT OF Sewage Disposal Management
MARCH 22, 2021 3:25 PM 88 PLAT# 3844