

WNA NOTE:  
WATERWAY NATURAL AREAS (DESIGNATED AS 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.

ADDITIONALLY: WNA: "There shall be no clearing, grading, construction or disturbance of vegetation except as permitted by the Williamson County Engineering Department."

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

#### WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT NOTES

1. 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 THE AUTHORITY TO REFUSE TO GRANT A CONSTRUCTION PERMIT OR MAY REVOKE A CONSTRUCTION PERMIT WHERE THE INTEGRITY OF THE PROPOSED SUBSURFACE SEWAGE DISPOSAL AREAS HAS BEEN COMPROMISED.
2. ALL SEPTIC SYSTEMS MUST BE INSTALLED BY AN INSTALLER LICENSED BY WILLIAMSON COUNTY TO CONSTRUCT ALTERNATIVE OR CONVENTIONAL SEPTIC SYSTEMS.
3. NO UTILITIES (I.E. GAS, WATER, OR ELECTRIC) OR THEIR EASEMENTS, ABOVE OR BELOW GROUND, SHALL BE ALLOWED TO ENDOACH WITHIN 10 FEET OF THE BOUNDARIES OF THE SOIL AREA RESERVED FOR SEWAGE DISPOSAL.
4. CURTAIN/ INTERCEPTOR/ DRAWDOWN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS.
5. NO CUTTING, FILLING, COMPACTION, OR ANY DISTURBANCE OF THE AREA RESERVED FOR SEWAGE DISPOSAL, SHALL BE PERMITTED.
6. THE LIMITS OF ALL EXCAVATION GREATER THAN 18 INCHES IN DEPTH, MADE FOR THE PURPOSE OF HOUSE CONSTRUCTION, (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT 25' OR MORE AWAY FROM THE PLATTED OR DESIGNATED SEWAGE DISPOSAL AREAS.
7. THE LIMITS OF ALL EXCAVATIONS MADE FOR THE PURPOSE OF HOUSE CONSTRUCTION, (OR ANY OTHER TYPE OF CONSTRUCTION) SHALL BE KEPT WITHIN THE CONFINES OF THE PLATTED BUILDING ENVELOPE.
8. ALL PARTS OF THE HOUSE AND ANY OF ITS RELATED APPENDAGES (INCLUDING, BUT NOT LIMITED TO DETACHED GARAGES, PORCHES, DECKS, SIDEWALKS, DRIVEWAYS, PARKING AREA, UTILITIES, ETC.) SHALL STRICTLY ADHERE TO THE MINIMUM SETBACK REQUIREMENTS FROM THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AREAS AS OUTLINED IN SECTION 13 OF THE REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS, ADOPTED MAY 16, 2000, AND EFFECTIVE OCTOBER 1, 2000.
9. NO CONSTRUCTION OF PATIOS, SWIMMING POOLS, ACCESSORY BUILDING, ETC., SHALL BE ALLOWED ON ANY LOT SERVED BY A SUBSURFACE SEWAGE DISPOSAL SYSTEM, UNLESS APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
10. WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED DISPOSAL FIELD AREAS BY A MINIMUM OF 10 FEET.
11. NO WATER SOURCE WELLS OR SPRINGS ARE TO BE DRILLED OR CONSTRUCTED WITHIN 50 FEET OF ANY PORTION OR COMPONENT OF THE SEPTIC SYSTEM OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS. THIS INCLUDES THE SEPTIC TANK, TIGHTLINES, ALTERNATING VALVES, OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.
12. NO IRRIGATION SYSTEMS, OR THEIR COMPONENTS THEREOF, SHALL ENDOACH ON, IN, OR WITHIN 10 FEET OF THE BOUNDARIES OF THE DESIGNATED OR PLATTED SSDS AREAS. IT SHALL ALSO BE LOCATED A MINIMUM OF 5 FEET AWAY FROM ANY DRAINAGE IMPROVEMENT PRACTICE ASSOCIATED WITH THE SSDS AREAS.
13. ALL PLATTED SEWAGE DISPOSAL AREAS MUST 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 MUST THEN BE FIELD CHECKED AND VERIFIED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT PRIOR TO THE ISSUANCE OF THE SEPTIC PERMIT.
14. TRACT 2, DAVIS FARM PROPERTY, MAP 148, PARCEL 48.01 IS RESTRICTED TO 1 (ONE) 6 BEDROOM SINGLE FAMILY DWELLING (PRIMARY PRINCIPAL DWELLING), 1 (ONE) 5 BEDROOM SINGLE FAMILY DWELLING (SECOND PRINCIPAL DWELLING), 1 (ONE) 6 BEDROOM SINGLE FAMILY DWELLING (THIRD PRINCIPAL DWELLING), 1 (ONE) 2 BEDROOM SINGLE FAMILY DWELLING (ACCESSORY DWELLING) AND 1 (ONE) ACCESSORY STRUCTURE, 300 GPD MAXIMUM DAILY FLOW.
15. DESIGNATED SEWAGE DISPOSAL AREAS PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAP BY MIKE HAARBAUER, PRIVATE CONSULTING SOIL SCIENTIST ON 6-7-2024, REVISED 9-20-2024.
16. THIS SITE MAY MANDATE THE USE OF A SEWAGE EFFLUENT PUMP AND APPROPRIATELY SIZED PUMP TANK IN ORDER TO PROVIDE SEWER SERVICES FROM THE HOUSE TO THE SSDS 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 SSDS AREAS.

17. CURTAIN, INTERCEPTOR, AND DRAW-DOWN DRAINS MAY BE REQUIRED ON ALL LOTS, AS SUCH, THEY SHALL STRICTLY ADHERE TO THE DESIGN, LOCATION AND ROUTING DEPICTED ON THIS PLAT. HOWEVER, THE DRAINS AS SHOWN HEREON ARE 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 SITE-SPECIFIC LOT BY LOT BASIS.
18. CON DENOTES THAT THIS LOT IS SERVED BY A CONVENTIONAL SUBSURFACE SEWAGE DISPOSAL SYSTEM.
19. LPP DENOTES THAT THIS LOT IS SERVED BY A LOW PRESSURE PIPE SYSTEM, WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL.
20. MLPP DENOTES THAT THIS LOT IS SERVED BY A MODIFIED LOW PRESSURE PIPE SYSTEM, WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL. MODIFIED LPP SYSTEMS REQUIRE 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.
21. 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 WCDSDM FOR REVIEW AND APPROVAL. THESE PLANS SHALL BE PREPARED BY AN ENGINEER LICENSED IN TENNESSEE.
22. PUBLIC WATER SERVICE IS AVAILABLE UPON REQUEST TO THE H.B. & T.S. UTILITY DISTRICT.
23. PRIOR TO INSTALLATION, THE LOCATION OF THE WELL, SPRING, CISTERN, OR PRIVATE WATER SOURCE MUST BE APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
24. 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 ON ADJACENT LOTS.
25. EXACT LOCATION OF 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 SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.
26. SSDS COMPONENTS CROSSING UTILITIES (AND THEIR RELATED EASEMENTS), IN ADDITION TO DRIVEWAYS, ACCESS EASEMENTS, ETC., ANY AND ALL SSDS COMPONENTS (INCLUDING BUT NOT LIMITED TO: CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHEATHED AND BODED (AS PER SPECIFICATIONS FROM WCDSDM) 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 ACCORDANCE 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.
27. THERE SHALL BE NO SEWAGE BEARING CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC, OR PUMP TANKS ETC.) LOCATED WITHIN 50' OF ANY AND ALL WELLS) ON THIS PROPERTY.
28. OTHER THAN THE SEPTIC SETBACKS SPECIFIED HEREON, THE WILLIAMSON COUNTY PLANNING DEPARTMENT SHALL ASSIGN ALL OTHER SETBACKS AT SUCH TIME WHEN AN APPLICATION FOR A BUILDING PERMIT IS MADE.
29. BEFORE A PERMIT IS ISSUED TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCES WITH A PROJECTED WASTEWATER FLOW RATE EXCEEDING 150 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.
30. ALL PLUMBING FIXTURES ARE TO BE OF THE WATER CONSERVATION TYPE, INCLUDING LOW VOLUME FLUSH TOILETS (1.6 GALLONS OR LESS), 1.5 TO 2.0 GALLONS PER MINUTE SHOWER HEADS AND FAUCET AERATORS.

#### CURTAIN DRAIN ELEVATION SCHEDULE TABLES

PRIMARY PRINCIPAL DWELLING AREAS		A	B	C	D	E	F		
MIN. DEPTH = 36" TIGHTLINES B-C & E-F	GROUND	953.5	942.0	938.0	948.5	946.0	942.0		
	INVERT	950.5	939.0	OUT	945.5	943.0	OUT		
SECOND PRINCIPAL DWELLING AREAS		A	B	C	D	E	F	G	
MIN. DEPTH = 36" TIGHTLINES B-C & F-G	GROUND	948.5	934.0	930.0	946.0	945.0	936.0	932.0	
	INVERT	945.5	931.0	OUT	943.0	942.0	933.0	OUT	
THIRD PRINCIPAL DWELLING AREAS		A	B	C	D	E	F	G	H
MIN. DEPTH = 36" TIGHTLINES B-C & G-H	GROUND	951.5	942.0	938.0	950.0	950.0	936.0	932.0	932.0
	INVERT	948.5	939.0	OUT	947.0	946.3	945.8	933.0	OUT
ACCESSORY DWELLING AREAS		A	B	C	D	E			
MIN. DEPTH = 36" TIGHTLINES B-C & D-E	GROUND	956.8	944.0	940.0	942.0	938.0			
	INVERT	953.8	941.0	OUT	939.0	OUT			
ACCESSORY STRUCTURE		A	B	C	D	E			
MIN. DEPTH = 36" TIGHTLINES B-C & D-E	GROUND	951.0	930.0	926.0	930.0	926.0			
	INVERT	948.0	927.0	OUT	927.0	OUT			

Disclaimer:  
The sole purpose of this *Subsurface Sewage Disposal System Location Map* is to dedicate septic system areas (in compliance with the *Williamson County Regulations 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 *Regulations* noted herein.

#### GENERAL NOTES:

1. THE PURPOSE OF THIS SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP IS TO RECORD SEPTIC AREA LOCATIONS FOR 3 PRINCIPAL DWELLINGS, 1 ACCESSORY STRUCTURE AND 1 ACCESSORY DWELLING.
2. THIS IS NOT INTENDED TO BE A BOUNDARY RETRACEMENT SURVEY, AND NO MONUMENTS WERE SET DURING THE COURSE OF THIS SURVEY. THIS IS NOT INTENDED TO BE A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-07. THIS DOCUMENT REPRESENTS A LIMITED ACCURACY NON-MONUMENTED SURVEY OF THE PROPERTY DESCRIBED HEREON PERFORMED UNDER THE AUTHORITY OF TCA 62-19-126. IT SHOULD NOT BE RELIED UPON FOR THE CONSTRUCTION OF FENCES OR OTHER IMPROVEMENTS OR FOR ESTABLISHING THE LOCATION OF PROPERTY LINES. NO BOUNDARY CORNERS WERE SET WITH THIS WORK.

#### 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 9363 Page 341, R.O.W.C., and that I (we) hereby adopt this plan with my (our) free consent, to establish the septic areas and regulations as shown hereon.

DATE: \_\_\_\_\_ OWNER SIGNATURE: \_\_\_\_\_  
OWNER PRINTED NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ OWNER SIGNATURE: \_\_\_\_\_  
OWNER PRINTED NAME: \_\_\_\_\_

#### CERTIFICATE OF GENERAL APPROVAL FOR INSTALLATION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM 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.

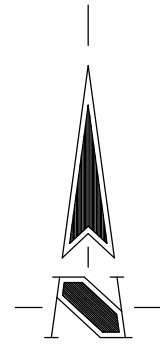
Before the Initiation of construction, the location of the house or other structure and plans for the subsurface sewage disposal system shall be approved by the local health authority.

DEPT. OF SEWAGE DISPOSAL MANAGEMENT  
BRIAN CORWIN

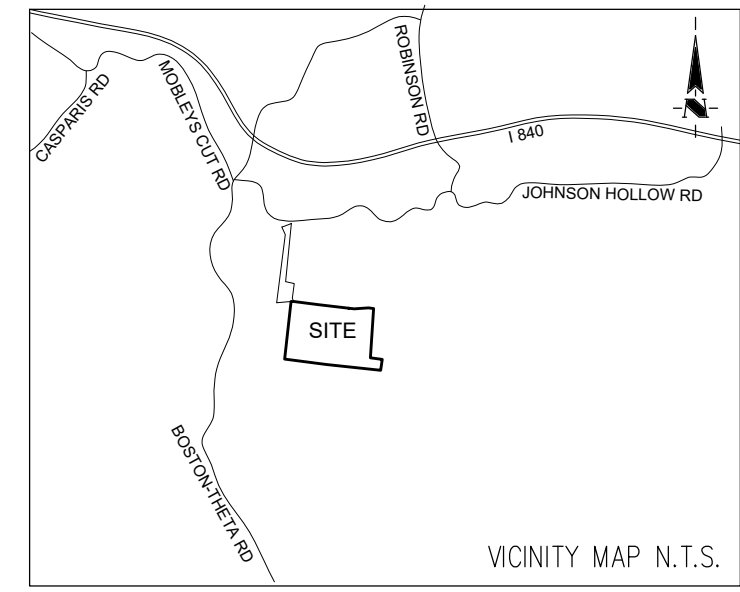
DATE: \_\_\_\_\_

I HEREBY CERTIFY THAT THE SEPTIC AREAS SHOWN WERE FIELD STAKED AT A PRECISION EXCEEDING 1:1000.  
J. MARK CANTRELL  
J. MARK CANTRELL, TN PLS# 1859

T.C.A. 66-45-69 - 17 GEOTHERMAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTHERMAL BOREHOLES		
SOURCE OF STRUCTURE	MINIMUM DISTANCE	
SEWER LINES	10 FEET	
SEPTIC TANKS	25 FEET	
SPRINGS	25 FEET	
WATER WELLS	10 FEET	
HOUSE TO SEPTIC TO TANK CONNECTION	10 FEET	
HOUSE TO SEWER CONNECTION	10 FEET	



LEGEND	
●	IRON PIN FOUND (IPF)
○	IRON PIN SET (IPS)
△	MONUMENT FOUND
○	CALCULATED POINT
—	PROPERTY BOUNDARY
—	UTILITY POLE WITH GUY WIRE
—	OVERHEAD UTILITY LINES
—	WATER LINE
—	GAS LINE
—	OVERHEAD TELECOMMUNICATION
—	UNDERGROUND ELECTRIC
—	FENCE LINE
⊕	WATER METER
⊕	GAS METER
⊕	ELECTRIC METER
⊕	WATER VALVE
⊕	WATER BIB
⊕	IRRIGATION VALVE
⊕	FIRE HYDRANT
⊕	TELEPHONE JUNCTION
⊕	ELECTRIC VAULT/ TRANSFORMER
⊕	TELEPHONE PEDESTAL
⊕	FIELD LOCATED FLAGS
⊕	STREET ADDRESS



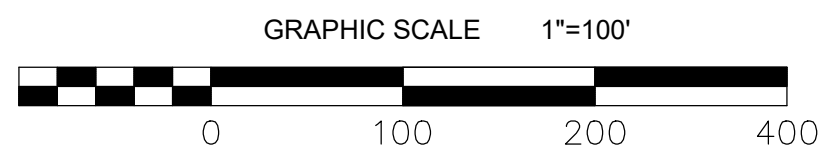
#### REVISIONS

NO.	DATE	REVISIONS
1	11-26-2024	SCALE: AS SHOWN
2		DRAWN BY: PRT
3		REVIEWER:

#### SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP MAP 148, PARCEL 48.01 WILLIAMSON COUNTY, TENNESSEE

#### TRACT 2 DAVIS FARM, LLC PROPERTY BOSTON-THETA ROAD COLUMBIA, TN 38401

TRACT 2  
PARCEL 48.01  
50.65 AC +/-  
2,206,513 SF



PRELIMINARY  
DRAWING

OWNER OF RECORD  
DAVIS FARM, LLC  
121 1ST AVENUE S, STE 220  
FRANKLIN, TN 37064  
DEED BOOK 9363, PAGE 341 R.O.W.C. TN

APPLICANT  
T-SQUARE ENGINEERING  
111 SE PARKWAY COURT  
FRANKLIN, TN 37064  
615.678.8212



PROJECT  
23-1010-1

SHEET  
1 OF 1



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TENNESSEE ONE CALL  
IT'S THE LAW

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