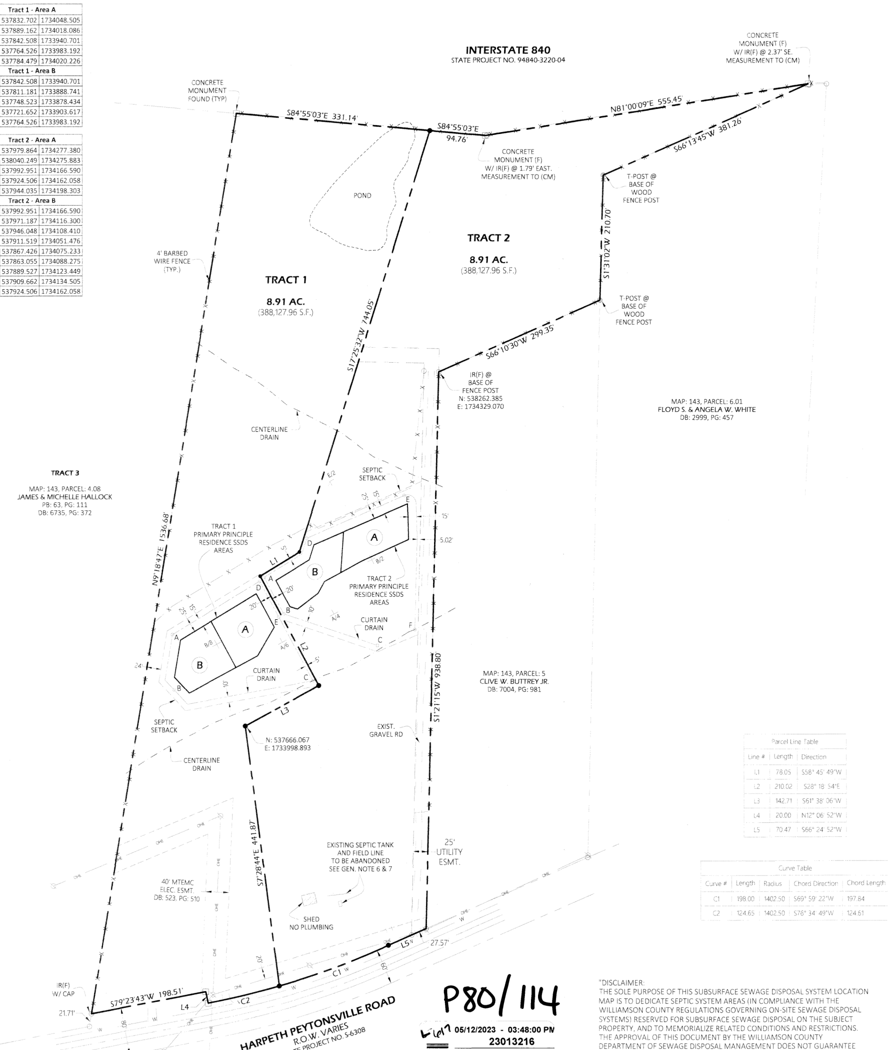
WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT NOTES:

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 SYSTEM 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 BATHING FIXTURES EXCEEDING STANDARD CAPACITY (30 US GALLONS), INCLUDING, BUT NOT LIMITED TO, OVERSIZED BATHTUBS, SPA-TUBS, HOT TUBS, WHIRLPOOLS, OR JACUZZIS, ETC., SHALL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
4. 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.
5. CURTAIN/ INTERCEPTOR/ DRAWDOWN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS.
6. NO CUTTING, FILLING, COMPACTION OR ANY DISTURBANCE OF THE AREAS RESERVED FOR SEWAGE DISPOSAL SHALL BE PERMITTED.
7. THE LIMITS OF ALL EXCAVATIONS GREATER THAN 18 INCHES IN DEPTH, MADE FOR 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.
8. THE LIMITS OF ALL EXCAVATIONS, MADE FOR HOUSE CONSTRUCTION (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT WITHIN THE CONFINES OF THE PLATTED BUILDING ENVELOPE.
9. 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 13 OF THE "REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT MAY 16, 2000 AND EFFECTIVE OCTOBER 1, 2000.
10. 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.
11. WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED DISPOSAL FIELD AREAS BY A MINIMUM OF 10 FEET.
12. NO WATER SOURCE, WELLS OR SPRINGS ARE TO BE DRILLED OR CONSTRUCTED WITHIN 50 FEET OF ANY PORTION OR COMPONENT OF THE SEPTIC SYSTEM. THIS INCLUDES THE SEPTIC TANK, TIGHT LINES, ALTERNATING VALVES OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.
13. PRIOR TO INSTALLATION, THE LOCATION OF THE WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE APPROVED BY THE DEPARTMENT OF WILLIAMSON COUNTY SEWAGE DISPOSAL MANAGEMENT.
14. LOCATION OF WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE A MINIMUM OF 50 FT. AWAY FROM ANY SEWAGE DISPOSAL AREA, INCLUDING THOSE LOCATED ON ADJACENT LOTS.
15. EXACT LOCATION OF THE WATER SOURCE (I.E.: WELL, CISTERN 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 SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.
16. **PUBLIC WATER SUPPLY AVAILABLE UPON REQUEST TO MILCROFTON UTILITY DISTRICT.**
17. **DESIGNATED SEWAGE DISPOSAL AREAS PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAPPED BY PRIVATE CONSULTING SOIL SCIENTIST MICHAEL HAARBAUER ON 6/18/2018, ON FILE IN THE WILLIAMSON COUNTY SEWAGE DISPOSAL DEPARTMENT.**
18. CONV. DENOTES THIS LOT IS SERVED BY 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. MLPP SYSTEM REQUIRE 6 TO 10 INCHES OF COMPACTIBLE SOIL FILL MATERIAL TO BE INCORPORATED ONTO THE DESIGNATED OR PLATTED SEWAGE DISPOSAL AREA, UNDER THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT SUPERVISION.
21. BEFORE A PERMIT TO CONSTRUCT A LLP 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.
22. 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.
23. THERE SHALL BE NO SEWAGE BEARING CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC, OR PUMP TANKS, ETC.) LOCATED WITHIN 50' OF ALL WELL(S) ON THIS PROPERTY.
24. 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 SHOWN HEREON 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 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.
25. THIS SITE MAY MANDATE THE USE OF A SEWAGE/EFFLUENT PUMP AND APPROPRIATELY SIZED PUMP TANK 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.
26. NO IRRIGATION SYSTEM, OR THEIR COMPONENTS THEREOF, SHALL ENCROACH 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.
27. ALL SSDS COMPONENTS CROSSING UTILITIES (AND THEIR RELATED EASEMENTS) IN ADDITION TO: DRIVEWAYS, ACCESS EASEMENTS, ETC. ALL SSDS COMPONENTS (INCLUDING BUT NOT LIMITED TO: CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHEATHED AND BEDDED (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' PRIOR TO ENTERING ANY EASEMENT AND SHALL EXTEND THROUGHOUT THE ENTIRE WIDTH OF THE EASEMENT AND SHALL END AT A POINT 10' 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.
28. BEFORE A PERMIT TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCES 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.
29. ALL PLUMBING FIXTURES ARE TO BE OF THE WATER CONSERVATIVE TYPE, INCLUDING LOW VOLUME FLUSH TOILETS (1.6 GALLONS OR LESS), 1.5 - 2.0 GALLONS PER MINUTE SHOWER HEADS, AND FAUCET AERATORS.
30. **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.
31. **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 AREAS.
32. **OTHER THAN THE SEPTIC SETBACKS SHOWN HEREON, THE WILLIAMSON COUNTY PLANNING DEPARTMENT SHALL ASSIGN ALL OTHER SETBACKS AT SUCH TIME WHEN AN APPLICATION FOR A BUILDING PERMIT IS MADE.**

Tract 1 - Area A		
1	537832.702	1734048.505
2	537889.162	1734018.086
3	537842.508	1733940.701
4	537764.526	1733983.192
5	537784.479	1734020.226
Tract 1 - Area B		
3	537842.508	1733940.701
6	537811.181	1733888.741
7	537748.523	1733878.434
8	537721.652	1733903.617
4	537764.526	1733983.192

Tract 2 - Area A		
1	537979.864	1734277.380
2	538040.249	1734275.883
3	537992.951	1734166.590
4	537924.506	1734162.058
5	537944.035	1734198.303
Tract 2 - Area B		
3	537992.951	1734166.590
6	537971.187	1734116.300
7	537946.048	1734108.410
8	537911.519	1734051.476
9	537867.426	1734075.233
10	537863.055	1734088.275
11	537889.527	1734123.449
12	537909.662	1734134.505
4	537924.506	1734162.058



Parcel Line Table		
Line #	Length	Direction
L1	78.05	S58° 45' 49"W
L2	210.02	S28° 18' 54"E
L3	142.71	S61° 38' 06"W
L4	20.00	N12° 06' 52"W
L5	70.47	S66° 24' 52"W

Curve Table				
Curve #	Length	Radius	Chord Direction	Chord Length
C1	198.00	1402.50	S69° 59' 22"W	197.84
C2	124.65	1402.50	S76° 34' 49"W	124.61

P80/114

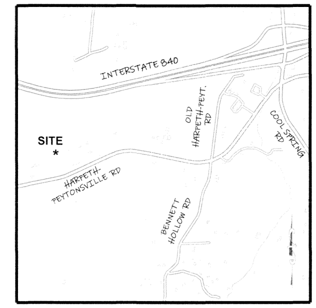
05/12/2023 - 03:48:00 PM
23013216
1 PGS:AL-PLAT
BATCH: 932663
PLAT BOOK: P80
PAGE: 114

REC FEE	16.00
DP FEE	2.00
TOTAL	17.00

STATE OF TENNESSEE, WILLIAMSON CO
SHERRY ANDERSON

SSDS 50' GRID DETAILS:

A/4: N: 537854.569 E: 1734150.315
A/6: N: 537807.137 E: 1734062.279
B/2: N: 537946.018 E: 1734214.634
B/8: N: 537803.722 E: 1733950.528
E/2: N: 538078.071 E: 1734143.486



VICINITY MAP
NOT TO SCALE

GENERAL NOTES:

1. THE PURPOSE OF THIS SURVEY IS TO CREATE 2 TRACTS AND SHOW NEW SSDS AREAS AND RESTRICTIONS BASED ON A SUBMITTED AND APPROVED SOILS MAP.
2. SUBJECT PROPERTY IS PRESENTLY IDENTIFIED AS PARCEL 4.06 ON THE WILLIAMSON COUNTY, TN TAX MAP 143. SAID PARCEL IS FURTHER DESCRIBED AS LOT 1 OF HARPETH-PEYTONSVILLE FARM PROPERTIES SSDS LOCATION MAP IN PLAT BOOK 70, PAGE 84 AND DEED BOOK 8976, PAGE 303, REGISTERS OFFICE OF WILLIAMSON COUNTY, TENNESSEE.
3. PROPERTY ZONED: RURAL DEVELOPMENT 5 (RD-5).
4. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR.
5. EVERY DOCUMENT OF RECORD REVIEWED AND CONSIDERED AS A PART OF THIS SURVEY IS NOTED HEREON. ONLY THE DOCUMENTS NOTED HEREON WERE SUPPLIED TO THIS SURVEYOR. NO ABSTRACT OF TITLE, OR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCHES WERE FURNISHED TO THIS SURVEYOR. OTHER DOCUMENTS OF RECORD MAY EXIST THAT WOULD AFFECT THESE PARCELS.
6. EXISTING FIELD LINE SHOWN ON THIS SURVEY IS APPROXIMATE. FIELD LINE WAS SCALED AND GRAPHICALLY PLOTTED FROM RECORDED PLAT AS SHOWN IN PLAT BOOK 70, PAGE 84, R.O.W.C. EXISTING FIELD LINES TO BE ABANDONED.
7. EXISTING SEPTIC TANK SHOWN ON THIS SURVEY IS APPROXIMATE. SEPTIC TANK WAS SCALED AND GRAPHICALLY PLOTTED FROM RECORDED PLAT AS SHOWN IN PLAT BOOK 70, PAGE 84, R.O.W.C. EXISTING SEPTIC TANK (NON-CONFORMING AND UNDOCUMENTED) TO BE PUMPED, FILLED, AND COLLAPSED UNDER W.C.D.S.M. SUPERVISION, PRIOR TO ANY SEPTIC PERMIT ISSUANCE.
8. THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE FINDINGS OF SUCH REPORT.
9. BEARINGS SHOWN HEREON ARE BASED ON THE TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD83).
10. SUBJECT PROPERTIES ARE VACANT TRACTS OF LAND.
11. UTILITIES SHOWN HEREON WERE COMPILED FROM VISIBLE STRUCTURES AT THE SITE, INFORMATION FROM PLANS, AND PHYSICAL MARKINGS AND COMBINED TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. THIS SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THIS SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFICATION OF EXISTENCE, LOCATIONS, AND DEPTH SHOULD BE MADE BEFORE CONDUCTING ANY EXCAVATION IN THE VICINITY OF THE UTILITY.
12. THE RECORDING OF THIS SSDS LOCATION MAP VOIDS, VACATES, AND SUPERSEDES SSDS LOCATION MAP FOR HARPETH-PEYTONSVILLE FARM PROPERTIES, TRACT 1 AS RECORDED IN PLAT BOOK 70, PAGE 84, REGISTER'S OFFICE OF WILLIAMSON COUNTY, TENNESSEE.
13. I HEREBY CERTIFY THAT THIS IS A CATEGORY I SURVEY AND WAS CONDUCTED IN ACCORDANCE WITH RULE 0820-03.11 (GLOBAL POSITION SYSTEMS SURVEYS) ACCORDING TO THE CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE AS PROMULGATED BY THE TENNESSEE STATE BOARD OF EXAMINERS FOR LAND SURVEYORS. THIS SURVEY WAS CONDUCTED WITH DUAL-FREQUENCY RTK GPS EQUIPMENT BASED ON THE TDOT CORPS NETWORK.
    a. POSITIONAL ACCURACY: 0.08'
    b. DATE OF SURVEY: 9/8/2022
    c. DATUM/EPOCH: TENNESSEE STATE PLANE (NAD83). OCCUPATIONS FOR CONTROL POINTS ARE 3 MINUTES EACH. SIDE SHOTS ARE 3 SECONDS.
    d. GEOID 18
    e. NO COMBINED GRID FACTORS WERE USED.

TRACT 1 SSDS AREA DETAILS:

PRIMARY PRINCIPAL
RESIDENCE SSDS AREAS
RESTRICTED TO ONE **7 BEDROOM**
SINGLE FAMILY DWELLING WITH NO
OVERSIZED BATHING FIXTURE

SEPTIC AREA "A" 7,500.0 S.F. 45 MPI, LPP, 0-5%
SEPTIC AREA "B" 7,500.0 S.F. 45 MPI, LPP, 0-5%

TRACT 2 SSDS AREA DETAILS:

PRIMARY PRINCIPAL
RESIDENCE SSDS AREAS
RESTRICTED TO ONE **7 BEDROOM**
SINGLE FAMILY DWELLING WITH NO
OVERSIZED BATHING FIXTURE

SEPTIC AREA "A" 7,033.5 S.F. 45 MPI, LPP, 0-5%
SEPTIC AREA "B" 7,033.5 S.F. 45 MPI, LPP, 0-5%

CURTAIN DRAIN ELEVATION SCHEDULE TABLE
TRACT 1
PRIMARY PRINCIPAL RESIDENCE - DEPTH 36"

	GROUND	INVERT	DEPTH	DIST	SLOPE
C	798.00	OUTLET	0.00		
↑				251.25	1.3%
B	804.15	801.15	3.00		
↑				100.00	3.7%
A	807.85	804.85	3.00		
↓				173.70	1.7%
D	804.85	801.85	3.00		
↓				68.35	3.8%
E	802.25	799.25	3.00		
↓				122.65	1.0%
C	798.00	OUTLET	0.00		

CURTAIN DRAIN ELEVATION SCHEDULE TABLE
TRACT 2
PRIMARY PRINCIPAL RESIDENCE - DEPTH 36"

	GROUND	INVERT	DEPTH	DIST	SLOPE
C	797.15	OUTLET	0.00		
↑				167.95	1.1%
B	802.05	799.05	3.00		
↑				70.27	3.5%
A	804.50	801.50	3.00		
↓				102.73	2.1%
D	802.30	799.30	3.00		
↓				180.75	1.4%
E	799.75	796.75	3.00		
↓				241.88	0.8%
F	794.85	OUTLET	0.00		

"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 OTHER COUNTY OFFICES OR DEPARTMENTS AND THIS APPROVAL GRANTS NO ASSURANCES THAT IT IS IN COMPLIANCE WITH ANYTHING OTHER THAN THE REGULATIONS NOTED HEREIN."

RECEIVED by: WILLIAMSON COUNTY
DEPARTMENT of Sewage Disposal Management
May 10, 2023 11:18 AM BG PLAT# 4331

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 DEED BOOK 8976, PAGE 303,R.O.W.C., AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBSURFACE SEWAGE DISPOSAL SYSTEM AND RESTRICTIONS WITH MY (OUR) FREE CONSENT.

BRIAN SCOTT SOMMER — DATE 4/28/23
KATHRINE MARIE SOMMER — DATE 4/28/23

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 DEED BOOK 8976, PAGE 303,R.O.W.C., AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBSURFACE SEWAGE DISPOSAL SYSTEM AND RESTRICTIONS WITH MY (OUR) FREE CONSENT.

WILLIAM S. HALLIFAX — DATE 4/28/23
ALISON L. HALLIFAX — DATE 4/28/23

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.

LOCAL HEALTH AUTHORITY (DIRECTOR) — DATE 5/12/23 @ 1:28pm

CERTIFICATE OF ACCURACY

I HEREBY CERTIFY THAT THE PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT SURVEY TO THE ACCURACY REQUIRED BY THE WILLIAMSON COUNTY, TENNESSEE REGIONAL PLANNING COMMISSION AND THAT THE MONUMENTS HAVE BEEN OR WILL BE PLACED AS SHOWN HEREON, TO THE SPECIFICATIONS OF THE SUBDIVISION REGULATIONS, AS APPROVED BY THE COUNTY ENGINEER.

KEITH RYAN BROTHERTON
TN. RLS #2850 — DATE 4/28/23

GEOTHERMAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTHERMAL BOREHOLES

SOURCE OF STRUCTURE	MINIMUM DISTANCE
SEWER LINES	10 FEET
SEPTIC TANKS	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

KEITH RYAN BROTHERTON REGISTERED LAND SURVEYOR TENNESSEE NO. 2850 4/28/23

LEGEND

IRON ROD FOUND	GAS VALVE/STUB
IRON ROD SET	POWER POLE
WATER METER	COMM/AT&T BOX
WATER VALVE	STORM INLET/MH/
FIRE HYDRANT	SANITARY SEWER
SANITARY SEWER MH	WATER
ELECTRIC BOX	BOUNDARY
STREET ADDRESS	PUBLIC UTILITY & DRAINAGE ESMT. (PUDE)

GRAPHIC SCALE: 1" = 100'

ADDRESS:
4886 HARPETH-PEYTONSVILLE RD
THOMPSON'S STA., TN 37179

PROPERTY OWNERS:
BRIAN & KATHRINE SOMMER
WILLIAM & ALISON HALLIFAX

PB: 70, PG: 84
DB: 8976, PG: 303

TOTAL ACRES: 17.82

TOTAL SQUARE FEET: 776,255.92

Brotherton Land Surveying
Keith Brotherton, RLS
Cell: 615-939-3419
Email: keith@brothertonsurveys.com
Mailing Address: PO Box 680573 - Franklin, TN 37068

SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP FOR TRACTS 1 & 2 OF HARPETH-PEYTONSVILLE FARMS, REVISION 1

MAP: 143, PARCEL: 4.06
4886 HARPETH-PEYTONSVILLE ROAD, THOMPSON'S STATION, TN 37179
13TH CIVIL DISTRICT, WILLIAMSON COUNTY, TN
FOR: BRIAN & KATHRINE SOMMER AND WILLIAM & ALISON HALLIFAX

DATE: 04/28/2023
DRAWN BY: KRB
PROJECT NO.: 22-066
SCALE: 1" = 100'
SHEET: 1 OF 1

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 SYSTEM 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 BATHING FIXTURES EXCEEDING STANDARD CAPACITY (30 US GALLONS), INCLUDING, BUT NOT LIMITED TO, OVERSIZED BATHTUBS, SPA-TUBS, HOT TUBS, WHIRLPOOLS, OR JACUZZIS, ETC., SHALL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
4. 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.
5. CURTAIN/ INTERCEPTOR/ DRAWDOWN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS.
6. NO CUTTING, FILLING, COMPACTION OR ANY DISTURBANCE OF THE AREAS RESERVED FOR SEWAGE DISPOSAL SHALL BE PERMITTED.
7. THE LIMITS OF ALL EXCAVATIONS GREATER THAN 18 INCHES IN DEPTH, MADE FOR 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.
8. THE LIMITS OF ALL EXCAVATIONS, MADE FOR HOUSE CONSTRUCTION (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT WITHIN THE CONFINES OF THE PLATTED BUILDING ENVELOPE.
9. 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 13 OF THE "REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT MAY 16, 2000 AND EFFECTIVE OCTOBER 1, 2000.
10. 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.
11. WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED DISPOSAL FIELD AREAS BY A MINIMUM OF 10 FEET.
12. NO WATER SOURCE, WELLS OR SPRINGS ARE TO BE DRILLED OR CONSTRUCTED WITHIN 50 FEET OF ANY PORTION OR COMPONENT OF THE SEPTIC SYSTEM. THIS INCLUDES THE SEPTIC TANK, TIGHT LINES, ALTERNATING VALVES OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.
13. PRIOR TO INSTALLATION, THE LOCATION OF THE WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE APPROVED BY THE DEPARTMENT OF WILLIAMSON COUNTY SEWAGE DISPOSAL MANAGEMENT.
14. LOCATION OF WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE A MINIMUM OF 50 FT. AWAY FROM ANY SEWAGE DISPOSAL AREA, INCLUDING THOSE LOCATED ON ADJACENT LOTS.
15. EXACT LOCATION OF THE WATER SOURCE (I.E.: WELL, CISTERN 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 SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.
16. PUBLIC WATER SUPPLY AVAILABLE BY H.B. & T.S. DISTRICT.
17. DESIGNATED SEWAGE DISPOSAL AREAS PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAPPED BY PRIVATE CONSULTING SOIL SCIENTIST MICHAEL HAARBAUER ON 10/20/2022, ON FILE IN THE WILLIAMSON COUNTY SEWAGE DISPOSAL DEPARTMENT.
18. CONV. DENOTES THIS LOT IS SERVED BY 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. MLPP SYSTEM REQUIRE 6 TO 10 INCHES OF COMPACTIBLE SOIL FILL MATERIAL TO BE INCORPORATED ONTO THE DESIGNATED OR PLATTED SEWAGE DISPOSAL AREA, UNDER THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT SUPERVISION.
21. BEFORE A PERMIT TO CONSTRUCT A LLP 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.
22. 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.
23. THERE SHALL BE NO SEWAGE BEARING CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC, OR PUMP TANKS, ETC.) LOCATED WITHIN 50' OF ALL WELL(S) ON THIS PROPERTY.
24. 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 SHOWN HEREON 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 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.
25. THIS SITE MAY MANDATE THE USE OF A SEWAGE/EFFLUENT PUMP AND APPROPRIATELY SIZED PUMP TANK 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.
26. NO IRRIGATION SYSTEM, OR THEIR COMPONENTS THEREOF, SHALL ENCROACH 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.
27. ALL SSDS COMPONENTS CROSSING UTILITIES (AND THEIR RELATED EASEMENTS) IN ADDITION TO: DRIVEWAYS, ACCESS EASEMENTS, ETC. ALL SSDS COMPONENTS (INCLUDING BUT NOT LIMITED TO: CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHEATHED AND BEDDED (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' PRIOR TO ENTERING ANY EASEMENT AND SHALL EXTEND THROUGHOUT THE ENTIRE WIDTH OF THE EASEMENT AND SHALL END AT A POINT 10' 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.
28. BEFORE A PERMIT TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCES 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.
29. ALL PLUMBING FIXTURES ARE TO BE OF THE WATER CONSERVATIVE TYPE, INCLUDING LOW VOLUME FLUSH TOILETS (1.6 GALLONS OR LESS), 1.5 - 2.0 GALLONS PER MINUTE SHOWER HEADS, AND FAUCET AERATORS.
30. **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.
31. **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 AREAS.

CONDITIONAL APPROVAL NOTE:

THE EXISTING HOUSE WAS CONSTRUCTED IN CIRCA 1978 ACCORDING TO THE WILLIAMSON COUNTY TAX RECORDS. THE EXISTING SUBSURFACE SEWAGE DISPOSAL SYSTEM SERVING SAID HOUSE WAS PERMITTED ON SEPTEMBER 3, 1978 AND SUBSEQUENTLY INSTALLED. INSPECTED AND APPROVED SEPTEMBER 19, 1978 (REFER TO THE PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL ON FILE WITH WCDSDM). SEPTIC SYSTEM IS CLASSIFIED AS DOCUMENTED AND NON-CONFORMING DUE TO ENCROACHMENTS AND AGE; THE HOME WAS APPROVED FOR A THREE (3) BEDROOM SINGLE FAMILY RESIDENCE. THE OWNER IS PROPOSING A FUTURE ADDITION OF UP TO TWO (2) BEDROOMS OR DEMOLISHING THE EXISTING RESIDENCE AND BUILDING A NEW FIVE (5) BEDROOM SINGLE FAMILY RESIDENCE. THE EXISTING SUBSURFACE SEWAGE DISPOSAL SYSTEM MAY REMAIN IN USE UNTIL SUCH TIME AS THE ANY FAILURE OR RENOVATION TAKE PLACE. AT THAT TIME THE EXISTING SYSTEM MUST BE ABANDONED AND A NEW LPP SYSTEM COMPLIANT WITH COUNTY REGULATIONS MUST BE INSTALLED IN ONE OF THE APPROVED AREAS SHOWN ON THIS DOCUMENT. UPON COMPLETION, THE PRIMARY PRINCIPAL RESIDENCE WILL BE APPROVED FOR A MAXIMUM OF FIVE (5) BEDROOMS WITH NO OVERSIZED TUBS.

CURTAIN DRAIN ELEVATION SCHEDULE TABLE					
PRIMARY PRINCIPAL RESIDENCE - DEPTH 36"					
	GROUND	INVERT	DEPTH	DIST	SLOPE
C	819.88	OUTLET	0.00		
↑				140.00	1.5%
B	825.00	822.00	3.00		
↑				140.00	1.0%
A	826.40	823.40	3.00		
↓				43.10	4.5%
D	824.45	821.45	3.00		
↓				96.90	1.1%
E	820.43	OUTLET	0.00		

LOT 30 SSDS AREA DETAILS:

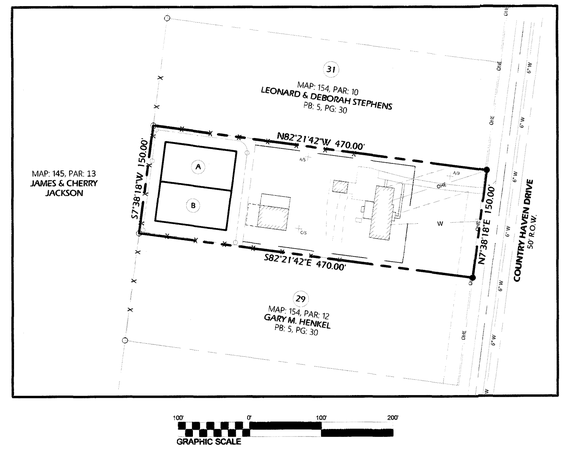
PRIMARY PRINCIPAL RESIDENCE SSDS AREAS
RESTRICTED TO ONE **5 BEDROOM**
SINGLE FAMILY DWELLING WITH
NO OVERSIZED BATHING FIXTURE

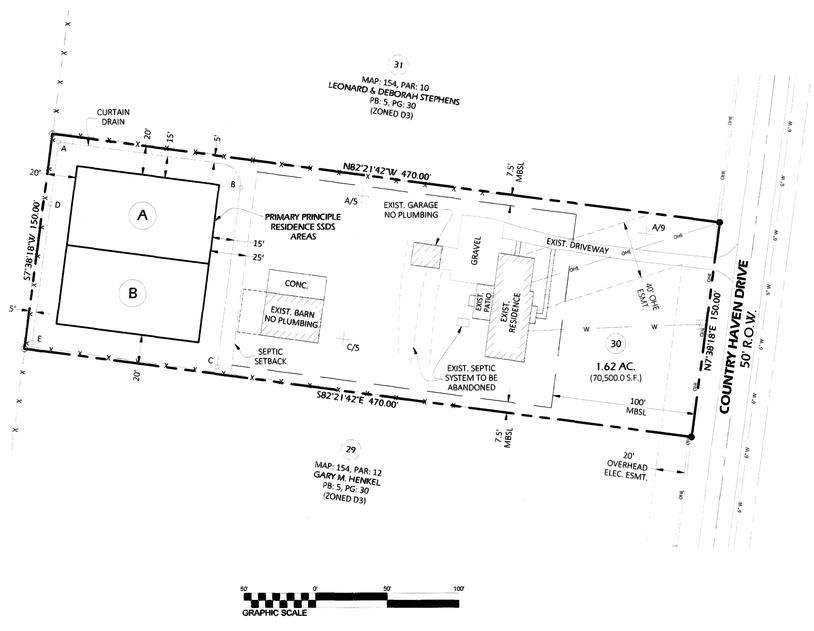
SEPTIC AREA "A"
5,500.0 S.F.
60 MPI, LPP, 0-5%

SEPTIC AREA "B"
5,500.0 S.F.
60 MPI, LPP, 0-5%

GEOTHERMAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTHERMAL BOREHOLES

SOURCE OF STRUCTURE	MINIMUM DISTANCE
SEWER LINES	10 FEET
SEPTIC TANKS	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

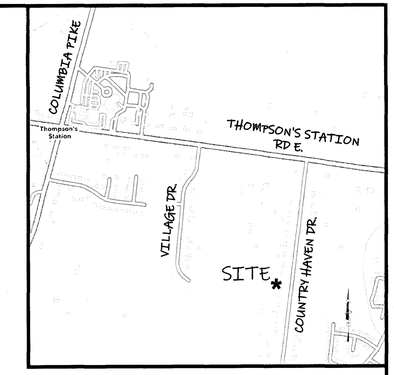




Brotherton Land Surveying

Keith Brotherton, RLS
Cell: 615-939-3419
Email: keith@brothertonsurveys.com
Mailing Address: PO Box 680573 - Franklin, TN 37068

5/4/23



VICINITY MAP
NOT TO SCALE

GENERAL NOTES:

1. THE PURPOSE OF THIS PLAT IS TO REVISE THE SUBSURFACE SEWAGE DISPOSAL SYSTEM AREAS.
2. SUBJECT PROPERTY IS PRESENTLY IDENTIFIED AS PARCEL 11 ON THE WILLIAMSON COUNTY, TENNESSEE TAX MAP 154. SAID PARCEL IS FURTHER IDENTIFIED AS LOT 30 OF COUNTRY HAVEN ESTATES AS DESCRIBED IN PLAT BOOK 5, PAGE 30 REGISTERS OFFICE OF WILLIAMSON COUNTY, TENNESSEE. (DB: 9019, PG: 805)
3. PROPERTY ZONED: D3 (TOWN OF THOMPSON'S STATION).
4. MINIMUM BUILDING SETBACKS (MBSL) PER TOWN OF THOMPSON'S STATION LAND DEVELOPMENT ORDINANCE:
   FRONT: 100' (PER RECORDED PLAT, PB: 5, PG: 30)
   REAR: 20'
   SIDE: 7.5'
5. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR.
6. EVERY DOCUMENT OF RECORD REVIEWED AND CONSIDERED AS A PART OF THIS SURVEY IS NOTED HEREON. ONLY THE DOCUMENTS NOTED HEREON WERE SUPPLIED TO THIS SURVEYOR. NO ABSTRACT OF TITLE, OR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCHES WERE FURNISHED TO THIS SURVEYOR. OTHER DOCUMENTS OF RECORD MAY EXIST THAT WOULD AFFECT THESE PARCELS.
7. THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE FINDINGS OF SUCH REPORT.
8. BEARINGS SHOWN HEREON ARE BASED ON THE TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD83).
9. UTILITIES SHOWN HEREON WERE COMPILED FROM VISIBLE STRUCTURES AT THE SITE, INFORMATION FROM PLANS, AND PHYSICAL MARKINGS AND COMBINED TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. THIS SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THIS SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFICATION OF EXISTENCE, LOCATIONS, AND DEPTH SHOULD BE MADE BEFORE CONDUCTING ANY EXCAVATION IN THE VICINITY OF THE UTILITY.
10. BY SCALED MAP LOCATION AND GRAPHIC PLOTTING ONLY, THIS PROPERTY LIES WITHIN ZONE "X" AS DESIGNATED ON CURRENT FEDERAL EMERGENCY MANAGEMENT AGENCY MAP NO. 47187C0345F, WITH AN EFFECTIVE DATE OF SEPTEMBER 29, 2006.
11. 20 FOOT HORSE RIDING EASEMENT ALONG THE REAR PROPERTY LINE OF LOT 30 TO BE ABANDONED BY THIS PLAT.
12. THE RECORDING OF THIS PLAT VOIDS, VACATES, AND SUPERCEDES LOT 30 AS RECORDED IN "COUNTRY HAVEN ESTATES", PLAT BOOK 5, PAGE 30 REGISTER'S OFFICE OF WILLIAMSON COUNTY, TENNESSEE.
13. I HEREBY STATE THAT THIS SURVEY WAS DONE IN COMPLIANCE WITH THE CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE AND THE RATION OF PRECISION OF THE UNADJUSTED SURVEY IS GREATER THAN 1:10,000.
14. I HEREBY CERTIFY THAT THIS IS A CATEGORY I SURVEY AND WAS CONDUCTED IN ACCORDANCE WITH RULE 0820-03.11 (GLOBAL POSITION SYSTEMS SURVEYS) ACCORDING TO THE CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE AS PROMULGATED BY THE TENNESSEE STATE BOARD OF EXAMINERS FOR LAND SURVEYORS. THIS SURVEY WAS CONDUCTED WITH DUAL-FREQUENCY RTK GPS EQUIPMENT BASED ON UTILIZING BASE AND ROVER.
    a. POSITIONAL ACCURACY: 0.08'
    b. DATE OF SURVEY: 7/01/2022
    c. DATUM/EPOCH: TENNESSEE STATE PLANE (NAD83). OCCUPATIONS FOR CONTROL POINTS ARE 3 MINUTES EACH, SIDE SHOTS ARE 3 SECONDS.
    d. GEOID 18
    e. NO COMBINED GRID FACTORS WERE USED.

P80/103

L606 06/08/2023 - 01:39:00 PM
23012587
1 PGS:AL-PLAT
BATCH: 931706
PLAT BOOK: P80
PAGE: 103

REC FEE	15.00
OP FEE	2.00
TOTAL	17.00

STATE OF TENNESSEE, WILLIAMSON CO.
SHERRY ANDERSON

RECEIVED by: WILLIAMSON COUNTY
DEPARTMENT of Sewage Disposal Management
May 5, 2023 11:30AM CD PLAT# 4385

CERTIFICATE OF APPROVAL FOR RECORDING

I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE THOMPSON'S STATION LAND DEVELOPMENT ORDINANCE, WITH THE EXCEPTION OF SUCH APPROVED DEVIATIONS, IF ANY, AS ARE NOTED IN THE MINUTES OF THE PLANNING COMMISSION AND THAT IT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE COUNTY REGISTER.

SECRETARY, PLANNING COMMISSION — DATE 5/8/23

THIS APPROVAL SHALL BE INVALID IF NOT RECORDED BY — DATE 5/8/24

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.

LOCAL HEALTH AUTHORITY (DIRECTOR) — DATE 5/5/23 @ 4pm

CERTIFICATE OF APPROVAL OF UTILITY SYSTEMS

I HEREBY CERTIFY THAT THE FOLLOWING UTILITY SYSTEMS OUTLINED OR INDICATED ON THE FINAL SUBDIVISION PLAT ENTITLED **"COUNTRY HAVEN ESTATES"** HAVE BEEN INSTALLED IN ACCORDANCE WITH CURRENT LOCAL AND/OR STATE GOVERNMENT REQUIREMENTS OR THAT A SURETY BOND HAS BEEN POSTED WITH THE PLANNING COMMISSION TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS IN CASE OF DEFAULT. ALSO, I CERTIFY THAT THE HYDRAULIC DESIGN CRITERIA SPECIFIED IN SECTION 3-106. OF THE THOMPSON'S STATION SUBDIVISION REGULATIONS HAVE BEEN MET.

WATER SYSTEM 5/4/ 20 23 — NAME, TITLE, AND AGENCY OF AUTHORIZED APPROVING AGENT

CERTIFICATE OF ACCURACY

I HEREBY CERTIFY THAT THE PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT SURVEY TO THE ACCURACY REQUIRED BY THE THOMPSON'S STATION MUNICIPAL PLANNING COMMISSION AND THAT THE MONUMENTS HAVE BEEN OR WILL BE PLACED AS SHOWN HEREON, TO THE SPECIFICATIONS OF THE SUBDIVISION REGULATIONS, AS APPROVED BY THE COUNTY ENGINEER.

KEITH RYAN BROTHERTON
TN. RLS #2850 — DATE 5/4/23

CERTIFICATE OF ADDRESSES

I DO HEREBY CERTIFY THAT THE ADDRESS DENOTED ON THIS FINAL PLAT ARE THOSE ASSIGNED BY DEPARTMENT OF INFORMATION TECHNOLOGY (IT).

IT DEPARTMENT — DATE 5/4/23

CERTIFICATE OF OWNERSHIP AND DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY (LOT 30) SHOWN AND DESCRIBED HEREON AS EVIDENCED IN **DEED BOOK 9019, PAGE 805,** R.O.W.C., AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINE, AND THAT OFFERS OF IRREVOCABLE DEDICATION FOR ALL PUBLIC STREETS, UTILITIES AND OTHER FACILITIES HAVE BEEN FILED AS REQUIRED BY THESE REGULATIONS.

MARK HORTON — DATE 5-4-23

DIANNE HORTON — DATE 5-4-23

CERTIFICATE OF APPROVAL OF SUBDIVISION NAME AND STREET NAMES

I HEREBY CERTIFY THAT THE SUBDIVISION NAME AND STREET NAMES DENOTED ON THIS FINAL PLAT HAVE BEEN APPROVED BY THE WILLIAMSON COUNTY EMERGENCY COMMUNICATIONS AGENCY.

WILLIAMSON COUNTY PUBLIC SAFETY — DATE 5/4/23

CERTIFICATE OF THE APPROVAL OF STREETS

ALL STREETS DESIGNATED ON THIS FINAL SUBDIVISION PLAT HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO THOMPSON'S STATION'S LAND DEVELOPMENT ORDINANCE, OR A SURETY BOND APPROVED BY THE PLANNING COMMISSION HAS BEEN POSTED, PER THE LAND DEVELOPMENT ORDINANCE, WITH THE TOWN TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS IN CASE OF DEFAULT.

TOWN ENGINEER — DATE N/A

SSDS 50' GRID DETAILS:

A/5:	N: 531739.102	E: 1703140.379
A/9:	N: 531712.518	E: 1703338.605
C/5:	N: 531639.989	E: 1703127.088

PROPERTY DETAILS:

LOT 30
1.62 AC.
(70,500.0 S.F.)

MAP: 154, PARCEL 11
MARK & DIANNE HORTON
2621 COUNTRY HAVEN DRIVE
THOMPSON'S STATION, TN 37179
PLAT BOOK: 5, PAGE: 30
COUNTRY HAVEN ESTATES
DB: 9019, PG: 805

LEGEND

IRON ROD FOUND	○	GAS VALVE/STUB	
IRON ROD SET	●	LIGHT POLE	
WATER VALVE		COMM/AT&T BOX	
WATER METER		STORM INLET/MH	
FIRE HYDRANT		SANITARY SEWER	8"SA
SANITARY SEWER MH		WATER	6"W
ELEC. TRANSFORMER		BOUNDARY	
STREET ADDRESS	1234	PUBLIC UTILITY & DRAINAGE ESMT.	PUDE
MINIMUM BUILDING SETBACK LINE	MBSL		

FINAL PLAT OF LOT 30, COUNTRY HAVEN ESTATES, REVISION 1

PLAT REVISION

TOWN OF THOMPSON'S STATION
WILLIAMSON COUNTY, TENNESSEE

TOTAL ACRES: 1.62	TOTAL # OF LOTS: 1
ACRES NEW RD/ST: 0.00	L.F. OF NEW RD/ST: 0.00
ACRES OPEN SPACE: 0.00	CIVIL DISTRICT: 11TH
DRAWN BY: KRB	CLOSURE ERROR: <1:10,000
SCALE: 1" = 100' UNO	DATE: 5/2/2023

PROJECT NO. 22-053 — SHEET 1 OF 1

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 SYSTEM 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 BATHING FIXTURES EXCEEDING STANDARD CAPACITY (30 US GALLONS), INCLUDING, BUT NOT LIMITED TO, OVERSIZED BATHTUBS, SPA-TUBS, HOT TUBS, WHIRLPOOLS, OR JACUZZIS, ETC., SHALL BE ALLOWED UNLESS SPECIFICALLY APPROVED BY THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT.
4. 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.
5. CURTAIN/ INTERCEPTOR/ DRAWDOWN DRAINS MAY BE REQUIRED ON ANY OR ALL LOTS.
6. NO CUTTING, FILLING, COMPACTION OR ANY DISTURBANCE OF THE AREAS RESERVED FOR SEWAGE DISPOSAL SHALL BE PERMITTED.
7. THE LIMITS OF ALL EXCAVATIONS GREATER THAN 18 INCHES IN DEPTH, MADE FOR 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.
8. THE LIMITS OF ALL EXCAVATIONS, MADE FOR HOUSE CONSTRUCTION (OR ANY OTHER TYPE OF BUILDING CONSTRUCTION), SHALL BE KEPT WITHIN THE CONFINES OF THE PLATTED BUILDING ENVELOPE.
9. 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 13 OF THE "REGULATIONS GOVERNING ON-SITE SEWAGE DISPOSAL SYSTEMS OF THE WILLIAMSON COUNTY DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT MAY 16, 2000 AND EFFECTIVE OCTOBER 1, 2000.
10. 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.
11. WATER SERVICE LINES MUST BE SEPARATED FROM SEWAGE DISPOSAL AREAS OR PLATTED DISPOSAL FIELD AREAS BY A MINIMUM OF 10 FEET.
12. NO WATER SOURCE, WELLS OR SPRINGS ARE TO BE DRILLED OR CONSTRUCTED WITHIN 50 FEET OF ANY PORTION OR COMPONENT OF THE SEPTIC SYSTEM. THIS INCLUDES THE SEPTIC TANK, TIGHT LINES, ALTERNATING VALVES OR THE DESIGNATED OR PLATTED SEWAGE DISPOSAL FIELD AREAS.
13. PRIOR TO INSTALLATION, THE LOCATION OF THE WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE APPROVED BY THE DEPARTMENT OF WILLIAMSON COUNTY SEWAGE DISPOSAL MANAGEMENT.
14. LOCATION OF WELL, SPRING, CISTERN OR PRIVATE WATER SOURCE MUST BE A MINIMUM OF 50 FT. AWAY FROM ANY SEWAGE DISPOSAL AREA, INCLUDING THOSE LOCATED ON ADJACENT LOTS.
15. EXACT LOCATION OF THE WATER SOURCE (I.E., WELL, CISTERN 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 SEWAGE DISPOSAL MANAGEMENT FOR REVIEW AND RECORD KEEPING PURPOSES.
16. **PUBLIC WATER SUPPLY AVAILABLE UPON REQUEST TO NOLENSVILLE/COLLEGE GROVE UTILITY DISTRICT.**
17. **DESIGNATED SEWAGE DISPOSAL AREAS PLOTTED IN ACCORDANCE WITH ACCEPTABLE SOIL AREAS FIELD MAPPED BY PRIVATE CONSULTING SOIL SCIENTIST MCHAEL HAARBAUER ON 3/23/2023, ON FILE IN THE WILLIAMSON COUNTY SEWAGE DISPOSAL DEPARTMENT.**
18. **THIS PROPERTY IS RESTRICTED TO ONE, 4-BEDROOM SINGLE FAMILY DWELLING.**
19. CONV. DENOTES THIS LOT IS SERVED BY CONVENTIONAL SUBSURFACE SEWAGE DISPOSAL SYSTEM.
20. LPP DENOTES THAT THIS LOT IS SERVED BY A LOW-PRESSURE PIPE SYSTEM, WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL.
21. MLPP DENOTES THAT THIS LOT IS SERVED BY A MODIFIED LOW-PRESSURE PIPE SYSTEM WHICH IS AN ALTERNATIVE MEANS OF SEWAGE DISPOSAL. MLPP SYSTEM REQUIRE 6 TO 10 INCHES OF COMPACTIBLE SOIL FILL MATERIAL TO BE INCORPORATED ONTO THE DESIGNATED OR PLATTED SEWAGE DISPOSAL AREA, UNDER THE DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT SUPERVISION.
22. BEFORE A PERMIT TO CONSTRUCT A LLP 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.
23. 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.
24. THERE SHALL BE NO SEWAGE BEARING CONVEYANCES (PIPES, SUPPLY LINES, MANIFOLDS, SEPTIC, OR PUMP TANKS, ETC.) LOCATED WITHIN 50' OF ALL WELL(S) ON THIS PROPERTY.
25. 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 SHOWN HEREON 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 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.
26. THIS SITE MAY MANDATE THE USE OF A SEWAGE/EFFLUENT PUMP AND APPROPRIATELY SIZED PUMP TANK 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.
27. NO IRRIGATION SYSTEM, OR THEIR COMPONENTS THEREOF, SHALL ENCROACH 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.
28. ALL SSDS COMPONENTS CROSSING UTILITIES (AND THEIR RELATED EASEMENTS) IN ADDITION TO: DRIVEWAYS, ACCESS EASEMENTS, ETC. ALL SSDS COMPONENTS (INCLUDING BUT NOT LIMITED TO: CURTAIN DRAINS, SEWAGE SUPPLY LINES, MANIFOLDS, ETC.) SHALL BE SHEATHED AND BEDDED (AS PER SPECIFICATIONS FROM WCDSOM) WHERE THEY CROSS ANY DRIVEWAY, ACCESS EASEMENT, UTILITY LINES (AND THEIR RELATED EASEMENTS). THE SHEATHING SHALL EXTEND FROM A POINT 10' PRIOR TO ENTERING ANY EASEMENT AND SHALL EXTEND THROUGHOUT THE ENTIRE WIDTH OF THE EASEMENT AND SHALL END AT A POINT 10' 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.
29. BEFORE A PERMIT TO CONSTRUCT A CONVENTIONAL SYSTEM SERVING SINGLE SOURCES 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.
30. ALL PLUMBING FIXTURES ARE TO BE OF THE WATER CONSERVATIVE TYPE, INCLUDING LOW VOLUME FLUSH TOILETS (1.6 GALLONS OR LESS), 1.5 - 2.0 GALLONS PER MINUTE SHOWER HEADS, AND FAUCET AERATORS.
31. **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) 796-5725.
32. **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 AREAS.
33. **OTHER THAN THE SEPTIC SETBACKS SHOWN HEREON, THE WILLIAMSON COUNTY PLANNING DEPARTMENT SHALL ASSIGN ALL OTHER SETBACKS AT SUCH TIME WHEN AN APPLICATION FOR A BUILDING PERMIT IS MADE.**

"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 OTHER COUNTY OFFICES OR DEPARTMENTS AND THIS APPROVAL GRANTS NO ASSURANCES THAT IT IS IN COMPLIANCE WITH ANYTHING OTHER THAN THE REGULATIONS NOTED HEREIN."

GEOTHERMAL WELL CONSTRUCTION STANDARDS FOR CLOSED LOOP GEOTHERMAL BOREHOLES

SOURCE OF STRUCTURE	MINIMUM DISTANCE
SEWER LINES	10 FEET
SEPTIC TANKS	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

TRACT 1 SSDS AREA DETAILS:

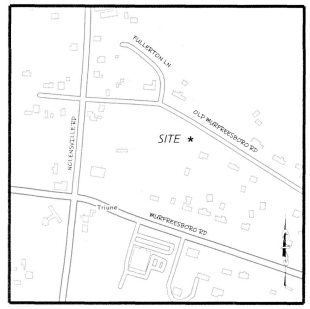
PRIMARY PRINCIPAL RESIDENCE SSDS AREAS RESTRICTED TO ONE **4 BEDROOM** SINGLE FAMILY DWELLING

SEPTIC AREA "A" 5,000.0 S.F. 60 MPI, LPP, 5-15%

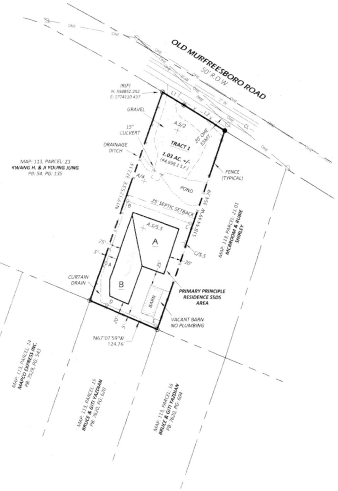
SEPTIC AREA "B" 4,500.0 S.F. 60 MPI, LPP, 0-5%

CURTAIN DRAIN ELEVATION SCHEDULE TABLE

TRACT 1 PRIMARY PRINCIPAL RESIDENCE - DEPTH 36"					
	GROUND	INVERT	DEPTH	DIST	% SLOPE
C	819.00	OUTLET	0.00		
+				113.00	2.1%
B	824.40	821.40	3.00		
+				110.60	2.4%
A	827.05	824.05	3.00		
+				78.30	1.0%
D	826.30	823.30	3.00		
+				89.90	0.8%
E	822.60	OUTLET	0.00		



VICINITY MAP
NOT TO SCALE



SSDS 50' GRID DETAILS:

A/4:	N: 554701.876	E: 1774079.591
A.5/2:	N: 554787.988	E: 1774136.246
A.5/5.5:	N: 554622.828	E: 1774078.391
C/5.5:	N: 554598.033	E: 1774149.173

SOIL MAP LEGEND

COMPATIBLE FILL = MAY BE DISKED, SMOOTHED AND USED FOR SSDS AREA.

SHALLOW CUT = MAY BE DISKED, SMOOTHED AND USED FOR SSDS AREA

GENERAL NOTES:

1. THE PURPOSE OF THIS SURVEY IS TO CREATE NEW SSDS AREAS AND RESTRICTIONS BASED ON A SUBMITTED AND APPROVED SOILS MAP.
2. SUBJECT PROPERTY IS PRESENTLY IDENTIFIED AS PARCEL 22 ON THE WILLIAMSON COUNTY, TN TAX MAP 113. SAID PARCEL IS FURTHER DESCRIBED IN DEED BOOK 2292, PAGE 714, REGISTERS OFFICE OF WILLIAMSON COUNTY, TENNESSEE.
3. PROPERTY ZONED: TRIUNE CHARACTER AREA-2 (TCA-2).
4. SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL AND SIGNATURE OF SURVEYOR.
5. EVERY DOCUMENT OF RECORD REVIEWED AND CONSIDERED AS A PART OF THIS SURVEY IS NOTED HEREON. ONLY THE DOCUMENTS NOTED HEREON WERE SUPPLIED TO THIS SURVEYOR. NO ABSTRACT OF TITLE, OR TITLE COMMITMENT, NOR RESULTS OF TITLE SEARCHES WERE FURNISHED TO THIS SURVEYOR. OTHER DOCUMENTS OF RECORD MAY EXIST THAT WOULD AFFECT THESE PARCELS.
6. THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE FINDINGS OF SUCH REPORT.
7. BEARINGS SHOWN HEREON ARE BASED ON THE TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD83).
8. SUBJECT PROPERTY IS A VACANT TRACT OF LAND. EXISTING BARN IS VACANT AND HAS NO PLUMBING.
9. UTILITIES SHOWN HEREON WERE COMPILED FROM VISIBLE STRUCTURES AT THE SITE, INFORMATION FROM PLANS, AND PHYSICAL MARKINGS AND COMBINED TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. THIS SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THIS SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFICATION OF EXISTENCE, LOCATIONS, AND DEPTH SHOULD BE MADE BEFORE CONDUCTING ANY EXCAVATION IN THE VICINITY OF THE UTILITY.
10. I HEREBY CERTIFY THAT THIS IS A CATEGORY IV SURVEY AND WAS CONDUCTED IN ACCORDANCE WITH RULE 0820-03-11 (GLOBAL POSITION SYSTEMS SURVEYS) ACCORDING TO THE CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE AS PROMULGATED BY THE TENNESSEE STATE BOARD OF EXAMINERS FOR LAND SURVEYORS. THIS SURVEY WAS CONDUCTED WITH DUAL-FREQUENCY RTK GPS EQUIPMENT BASED ON THE TDOT CORPS NETWORK UTILIZING BASE AND ROVER.
    a. POSITIONAL ACCURACY: 0.08'
    b. DATE OF SURVEY: 3/2/2023
    c. DATUM/EPOCH: TENNESSEE STATE PLANE (NAD83). OCCUPATIONS FOR CONTROL POINTS ARE 3 MINUTES EACH, SIDE SHOTS ARE 3 SECONDS.
    d. GEOID 18
    e. NO COMBINED GRID FACTORS WERE USED.

P82/9

12/18/2023 - 02:43:00 PM
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BATCH: 964604
PLAT BOOK: P82
PAGE: 9

REC FEE	16.00
OP FEE	2.00
TOTAL	17.00

STATE OF TENNESSEE, WILLIAMSON CO.
SHERRY ANDERSON

RECEIVED by: WILLIAMSON COUNTY DEPARTMENT of Sewage Disposal Management
DECEMBER 14, 2023 11:03 AM BG PLAT # 4490

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 **DEED BOOK 2292, PAGE 714**, R.O.W.C., AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBSURFACE SEWAGE DISPOSAL SYSTEM AND RESTRICTIONS WITH MY (OUR) FREE CONSENT.

JOE CHRISTOPHER HAYNES — DATE 12-14-23

ANGELA FOX — DATE 12-14-2023

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.

DEPARTMENT OF SEWAGE DISPOSAL MANAGEMENT — DATE 12-15-2023

Department Designee @ 11:20AM

CERTIFICATE OF ACCURACY

I HEREBY CERTIFY THAT THE PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT SURVEY TO THE ACCURACY REQUIRED BY THE WILLIAMSON COUNTY, TENNESSEE REGIONAL PLANNING COMMISSION AND THAT THE MONUMENTS HAVE BEEN OR WILL BE PLACED AS SHOWN HEREON, TO THE SPECIFICATIONS OF THE SUBDIVISION REGULATIONS, AS APPROVED BY THE COUNTY ENGINEER.

KEITH RYAN BROTHERTON — DATE 11/27/23
TN. RLS #2850

SSDS Areas		
1	554645.336	1774059.501
2	554649.253	1774060.866
3	554621.803	1774139.302
4	554545.741	1774113.487
5	554559.021	1774076.388
6	554494.933	1774053.447
7	554508.337	1774021.663
8	554536.745	1774021.654

Parcel Line Table

Line #	Length	Direction
L1	42.30	S59° 22' 28"E
L2	82.02	S58° 30' 41"E

STATE OF TENNESSEE
KEITH RYAN BROTHERTON
2850
REGISTERED
LAND SURVEYOR
11/27/23

LEGEND

IRON ROD FOUND · IRON ROD SET · WATER METER · WATER VALVE · FIRE HYDRANT · SANITARY SEWER MH · ELECTRIC BOX · STREET ADDRESS · POINT BY DEED/CALC. · POWER POLE · COMM/AT&T BOX · STORM INLET/MH/ · SANITARY SEWER · WATER · BOUNDARY · PUBLIC UTILITY & DRAINAGE ESMT. · PUDE

GRAPHIC SCALE: 1" = 100'

Brotherton Land Surveying
Keith Brotherton, RLS
Cell: 615-939-3419
Email: keith@brothertonsurveys.com
Mailing Address: PO Box 680573 - Franklin, TN 37068

ADDRESS:
OLD MURFREESBORO ROAD
COLLEGE GROVE, TN 37046

PROPERTY OWNERS:
JOE CHRISTOPHER HAYNES
ANGELA L. FOX

DB: 2292, PG: 714

TOTAL ACRES: 1.03

TOTAL SQUARE FEET: 44,698.1

SUBSURFACE SEWAGE DISPOSAL SYSTEM LOCATION MAP FOR TRACT 1 OF THE HAYNES & FOX PROPERTY

MAP: 113, PARCEL: 22
OLD MURFREESBORO ROAD, COLLEGE GROVE, TN 37046
18TH CIVIL DISTRICT, WILLIAMSON COUNTY, TN
FOR: JOE HAYNES & ANGELA FOX

DATE: 11/27/2023
DRAWN BY: KRB
PROJECT NO.: 22-123
SCALE: 1" = 100'
SHEET: 1 OF 1