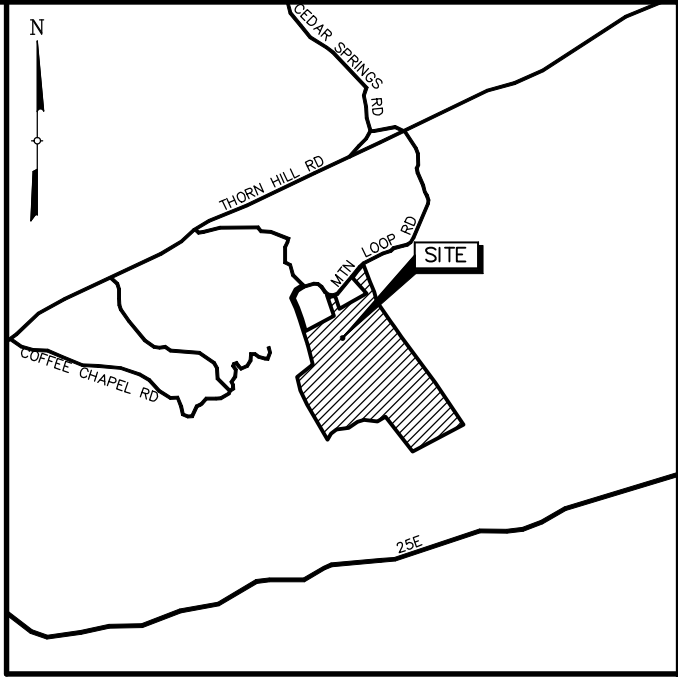


TN GRID NAD83 (2011)



LOCATION MAP
SCALE: 1" = 4000'

GENERAL NOTES

- THIS MAP IS BASED ON A FIELD SURVEY BY M. LACEY LAND SURVEYING, LLC COMPLETED ON 02/08/2021.
- REFERENCES:
 - DEED: BOOK 245, PAGE 158
- AREA OF SUBJECT PARCEL: 149.64± ACRES.
- THIS SURVEY IS SUBJECT TO A COMPLETE AND UP TO DATE ABSTRACT OF TITLE.
- UNDER T.C.A. 13-3-401, THIS MAP IS NOT A SUBDIVISION OF LAND AND IS EXEMPT FROM THE SUBDIVISION REGULATIONS. IT IS NOT CREATING ANY NEW LOTS UNDER 5-ACRES. IT IS NOT A RE-PLAT OF AN EXISTING SUBDIVISION, AND NO NEW STREET OR UTILITY CONSTRUCTION IS REQUIRED.

GEODETIC CONTROL NOTE

RTK AND PPK POSITIONAL DATA WAS OBSERVED UTILIZING SURVEY GRADE GNSS RECEIVERS FOR THIS SURVEY. THE POSITIONAL ACCURACY OF THE VECTORS FROM THE BASE STATION DOES NOT EXCEED: HORIZONTAL 0.07', VERTICAL 0.07' AT A 95 PERCENT CONFIDENCE LEVEL.

THE HORIZONTAL COORDINATES AT THE BASE STATION ARE BASED ON THE TENNESSEE STATE PLANE COORDINATE SYSTEM, NAD83(2011) ESTABLISHED BY STATIC OBSERVATIONS ON 01/12/2021 AND MEET A 0.1 FEET RELATIVE POSITIONAL ACCURACY AT A 95 PERCENT CONFIDENCE LEVEL. THE HORIZONTAL COORDINATES AT THE BASE STATION ARE 752247.36 FEET NORTH, 2740533.05 FEET EAST.

DISTANCES HAVE NOT BEEN REDUCED TO GRID. THE COMBINED SCALE FACTOR FROM SURFACE TO GRID AT THE BASE STATION IS 0.999992401. THE COORDINATE SHOWN ON THIS SURVEY ARE GRID.

PUBLISHED CONTROL MONUMENTS USED:

STATION	PID	LATITUDE NORTH	LONGITUDE WEST	ELEV. FEET
TN18	DN7506	36°28'39.46526"	082°48'41.96266"	1183.13
TN12	DJ9534	36°14'52.93788"	083°17'11.07228"	1208.48
TN13	DJ9536	36°56'37.03153"	083°12'26.41621"	1283.68
TN14	DJ9538	36°24'27.30960"	084°03'54.63132"	1180.06
TN15	DJ9540	36°00'08.23508"	083°46'13.95229"	991.52

LEGEND

---	PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	CENTERLINE
---	EDGE OF GRAVEL
---	WIRE FENCE
---	EDGE OF WATER/SWALE
---	IRON ROD
---	FENCE POST

ABBREVIATIONS

DB	DEED BOOK	R&C	ROD & PLASTIC CAP
FND	FOUND	PG	PAGE
IR	IRON ROD	P.O.B.	POINT OF BEGINNING
N/F	NOW OR FORMERLY		

SURVEY OF LANDS OF

RONALD & NANCY ZIMMERMAN
PORTION OF TAX PARCEL 014-024.00
MOUNTAIN LOOP ROAD
FOURTH CIVIL DISTRICT
GRAINGER COUNTY, TENNESSEE

M. LACEY LAND SURVEYING, LLC

PROFESSIONAL LAND SURVEYING SERVICES
P.O. BOX 35, 7164 E. ANDREW JOHNSON HWY
WHITESBURG, TN 37891
PHONE: 423-235-5546
WWW.MLACEYLANDSURVEYING.COM

Date	02/15/2021	Project No.	10430120	Drawing No.	SU-1	Rev	0
Drawn By	ML						

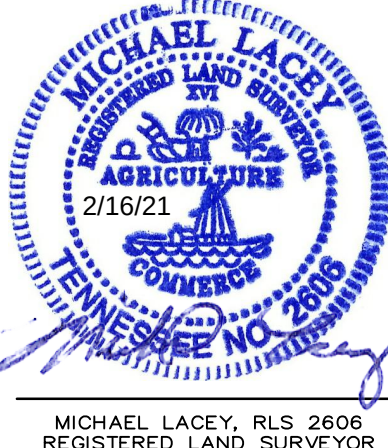
CERTIFICATION OF OWNERSHIP

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) APPROVE THAT A COPY OF THIS PLAT/SURVEY CAN BE FILED WITH THE GRAINGER COUNTY REGISTER'S OFFICE.

DATE _____, 2021
OWNER _____
OWNER _____

CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY MAP IS BASED ON A FIELD SURVEY COMPLETED UNDER MY IMMEDIATE SUPERVISION, AND IT CONFORMS TO THE 'STANDARDS OF PRACTICE' ESTABLISHED BY THE TENNESSEE STATE BOARD OF EXAMINERS FOR LAND SURVEYORS. THIS IS A CATEGORY IV SURVEY PERFORMED IN SUCH A MANNER TO OBTAIN A RELATIVE POSITIONAL ACCURACY OF 0.07 FEET PLUS 50 PPM AT A NINETY-FIVE PERCENT (95%) CONFIDENCE LEVEL.



LINE	BEARING	DISTANCE
L1	S 49°33'44" E	52.36'
L2	S 57°41'18" W	149.36'
L3	S 28°16'48" W	168.21'
L4	S 24°14'08" E	216.26'
L5	S 19°30'48" E	252.94'
L6	S 16°28'03" E	226.96'
L7	N 62°10'48" E	340.96'
L8	N 62°15'03" E	329.54'
L9	N 18°59'03" W	457.74'
L10	S 72°21'32" E	76.38'
L11	S 18°55'27" E	280.95'
L12	N 60°05'07" E	336.75'
L13	N 63°17'52" E	88.19'
L14	N 60°08'48" E	243.86'
L15	N 42°15'41" W	436.99'
L16	N 35°55'18" E	169.32'
L17	N 42°47'54" E	194.53'
L18	S 20°47'30" E	386.41'
L19	S 21°25'47" E	227.13'
L20	S 16°45'11" E	207.02'
L21	S 33°51'31" E	150.74'
L22	S 34°37'22" E	366.32'
L23	S 35°38'14" E	127.19'
L24	S 35°13'02" E	235.48'
L25	S 36°12'06" E	1186.40'
L26	S 34°06'36" E	1,055.42'
L27	S 62°23'28" W	1,200.40'
L28	N 37°47'56" W	922.07'
L29	S 58°11'45" W	199.16'
L30	N 82°14'44" W	280.20'
L31	S 71°29'16" W	139.11'
L32	S 56°02'05" W	227.43'
L33	S 82°30'22" W	251.98'
L34	S 53°50'48" W	142.69'
L35	S 29°16'22" W	146.09'
L36	N 30°19'35" W	846.83'
L37	N 25°50'19" W	326.62'
L38	N 13°31'09" W	282.46'
L39	N 51°46'07" E	415.98'
L40	N 14°04'39" W	429.67'
L41	N 18°54'16" W	275.38'
L42	N 16°28'03" W	265.55'
L43	N 19°30'48" W	249.59'
L44	N 24°14'08" W	237.79'
L45	N 26°16'48" E	205.85'
L46	N 57°41'18" E	147.89'
L47	S 60°43'06" W	231.78'
L48	S 42°11'37" W	152.58'
L49	S 68°27'51" W	172.40'
L50	S 31°13'42" W	124.95'
L51	S 65°21'44" W	352.29'
L52	S 59°56'29" W	162.13'

CURVE	RADIUS	LENGTH	DELTA ANGLE	CHORD BEARING	CHORD
C1	140.00'	98.52'	40°19'12"	S 87°28'52" W	96.50'
C2	140.00'	118.59'	73°36'54"	S 76°09'49" E	118.58'
C3	140.00'	79.93'	32°42'38"	N 83°40'35" E	78.85'

Rev	Date	Revision	Approved