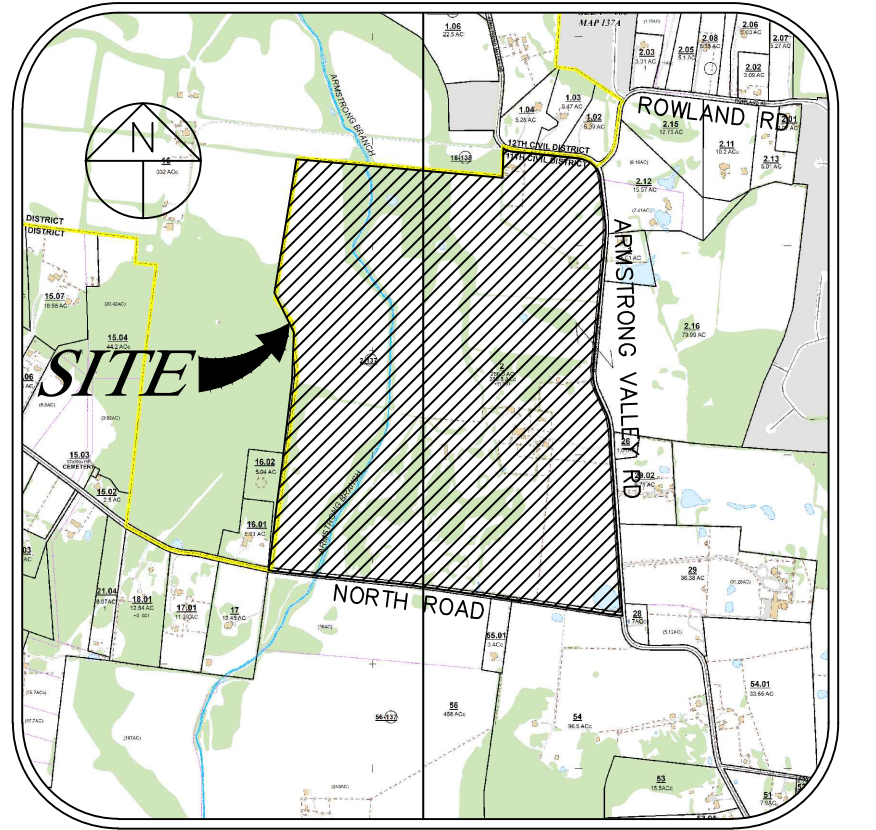


CURVE	RADIUS	ARC LENGTH	CURVE TABLE	CHORD BEARING	DELTA ANGLE
C1	223.61'	298.06'	276.48'	S44°42'31"E	76°22'19"
C2	190.59'	90.10'	89.26'	S71°30'44"E	27°05'13"
C3	1,098.50'	171.51'	171.34'	S01°02'44"E	8°56'44"
C4	575.45'	85.61'	85.53'	S19°50'39"E	8°31'23"
C5	404.67'	189.79'	188.05'	S09°00'28"E	26°52'17"
C6	575.49'	142.58'	142.22'	S08°29'06"E	14°11'44"

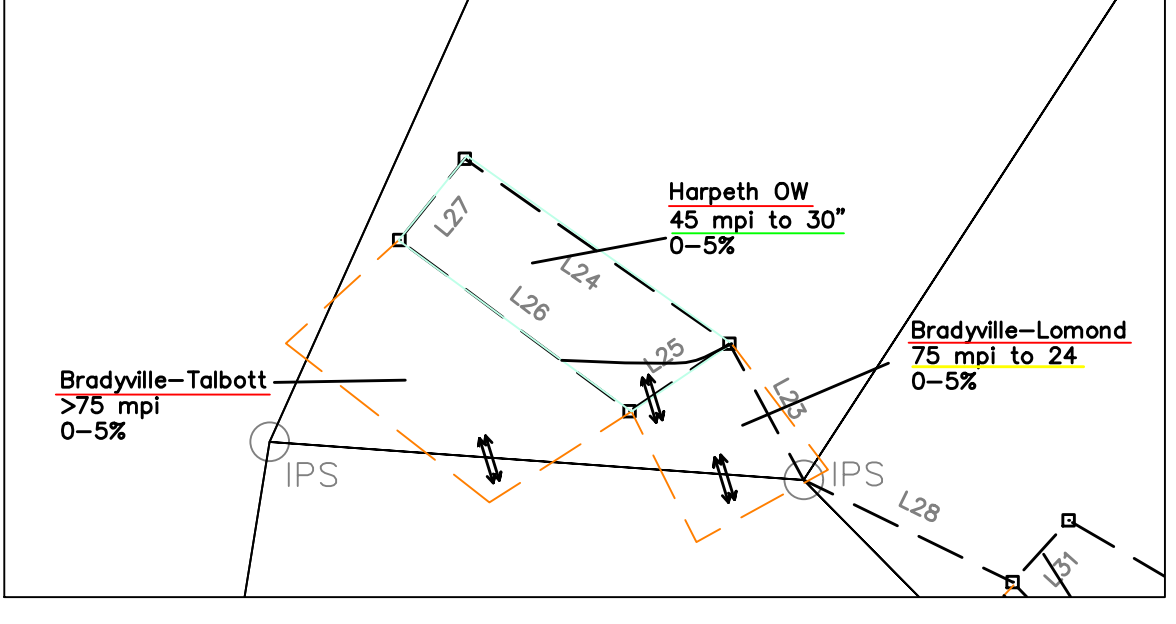
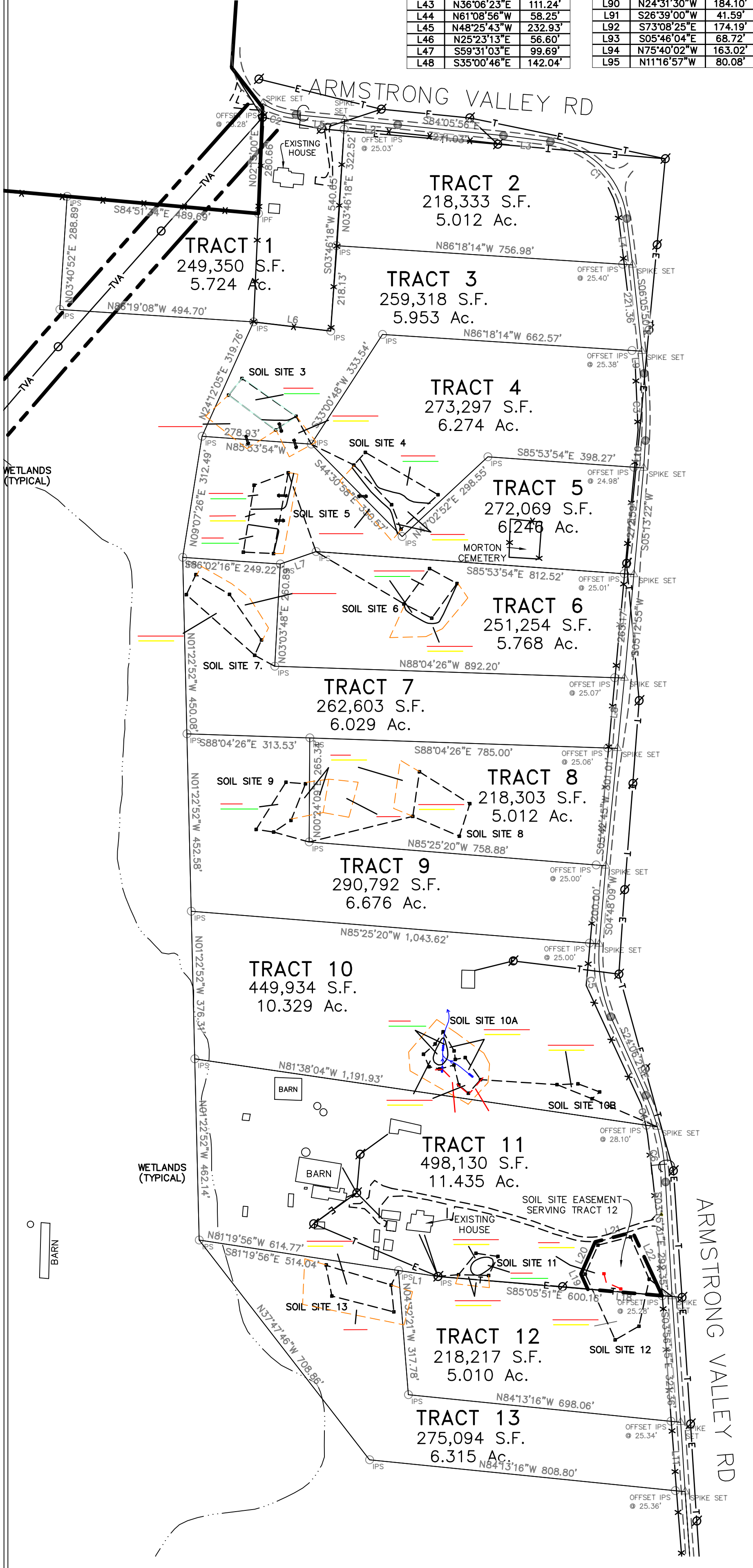
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	S81°19'56"E	100.73'	L49	S24°10'06"W	42.52'
L2	S84°22'20"E	135.80'	L50	N76°05'03"E	272.45'
L3	S83°53'41"E	120.72'	L51	N66°50'09"W	129.12'
L4	S07°18'52"E	118.98'	L52	N08°26'36"E	114.75'
L5	S84°22'20"E	124.68'	L53	S57°41'49"E	152.09'
L6	N83°31'17"W	198.16'	L54	S17°49'02"W	87.21'
L7	N70°53'07"E	96.76'	L55	N74°11'16"W	93.63'
L8	S05°37'08"W	180.01'	L56	S85°30'32"E	50.00'
L9	S05°38'46"E	56.85'	L57	S21°37'01"W	100.39'
L10	S03°40'15"W	70.02'	L58	S56°00'02"W	52.98'
L11	S03°39'01"E	177.40'	L59	N81°38'12"W	45.42'
L12	N06°57'54"E	25.02'	L60	N32°17'17"E	142.28'
L13	N07°06'16"E	87.77'	L61	N66°43'45"W	181.30'
L14	N83°31'21"W	155.51'	L62	N87°38'18"E	53.55'
L15	N82°07'41"W	98.91'	L63	S69°22'13"E	58.95'
L16	S43°20'45"E	39.87'	L64	S48°06'35"W	26.13'
L17	N85°03'51"W	190.19'	L65	N81°01'09"W	96.21'
L18	N24°31'30"W	42.61'	L66	N86°16'33"W	195.25'
L19	N23°49'01"E	89.88'	L67	N49°06'54"W	32.48'
L20	N75°44'12"E	99.00'	L68	N13°21'56"W	51.92'
L21	S24°52'17"E	178.16'	L69	S74°44'21"W	39.07'
L22	N28°34'25"W	80.79'	L70	N78°15'19"E	53.86'
L23	S55°02'46"E	168.24'	L71	N23°25'26"W	34.95'
L24	S56°04'12"W	62.79'	L72	N48°44'51"E	39.47'
L25	N53°22'29"W	148.32'	L73	N32°51'25"E	37.05'
L26	N36°47'43"E	54.34'	L74	S30°02'37"E	56.28'
L27	S63°55'57"E	121.02'	L75	S07°44'06"E	22.03'
L28	N21°06'22"W	66.80'	L76	N79°07'25"E	25.62'
L29	N43°31'02"W	139.67'	L77	S34°45'08"E	68.76'
L30	N42°13'31"E	43.48'	L78	S42°01'53"W	46.35'
L31	S59°48'39"E	214.59'	L79	N21°32'4"W	122.70'
L32	S47°04'20"W	129.03'	L80	N39°09'17"E	70.19'
L33	N19°27'30"W	213.39'	L81	S82°06'25"E	56.57'
L34	N69°49'41"E	92.46'	L82	S26°04'33"W	54.14'
L35	S10°16'53"W	209.37'	L83	N88°31'37"W	76.58'
L36	N81°41'30"W	76.88'	L84	N78°14'29"W	27.64'
L37	N09°07'24"E	172.61'	L85	N23°49'01"E	80.52'
L38	S59°16'47"E	260.48'	L86	N75°44'12"E	85.68'
L39	S61°24'55"E	79.55'	L87	S23°51'09"E	117.68'
L40	S36°03'21"W	108.02'	L88	S12°13'24"W	122.70'
L41	N62°58'56"W	78.97'	L89	S60°15'01"W	69.97'
L42	N36°06'23"E	111.24'	L90	N24°31'30"W	184.10'
L43	N61°08'56"W	58.25'	L91	S26°39'00"W	41.59'
L44	N48°25'43"W	232.93'	L92	S73°08'25"E	174.19'
L45	N25°23'13"E	56.60'	L93	N25°23'13"E	56.60'
L46	S59°13'03"E	99.69'	L94	N75°40'02"W	163.02'
L47	S35°00'46"E	142.04'	L95	N11°16'57"W	80.08'

SURVEY NOTES

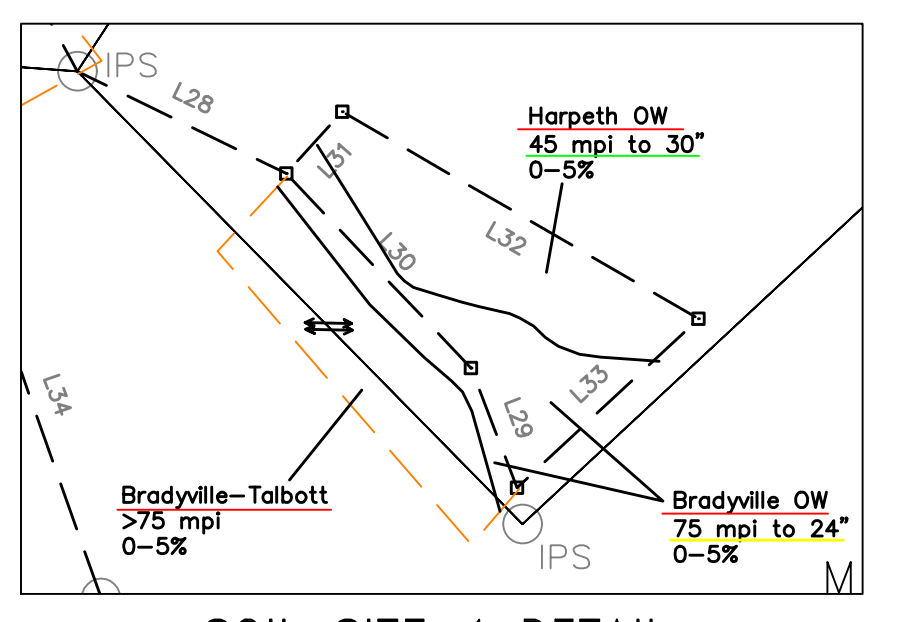
- In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
- Underground utilities shown were located using available aboveground evidence, and also from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
- Parcels may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.
- This parcel is not included in areas designated as "Special Flood Hazard" on the National Flood Insurance Program Community Panel No. 470185_0285_H, Dated 1/5/2007, Zone X. A flood study has been performed that shows portions of these parcels in the 100 year flood zone.
- This survey was performed using a survey grade dual frequency Real Time Kinematics (RTK) Global Positioning System (GPS). Bearings shown hereon are based on the Tennessee State Plane Coordinate System of 1983 derived using the T.D.O.T. Tennessee Geodetic Reference Network (TGRN) consisting of multiple reference stations tied to NAD83 (1983) (Epoch 2010), Geoid 12B, and NAVD88. Horizontal and vertical positional accuracy does not exceed ±0.05' based on a 95% confidence level with the allowable tolerance being 0.07' + 50.0ppm. The combined scale factor for the initial point of this survey is 1.00007796.



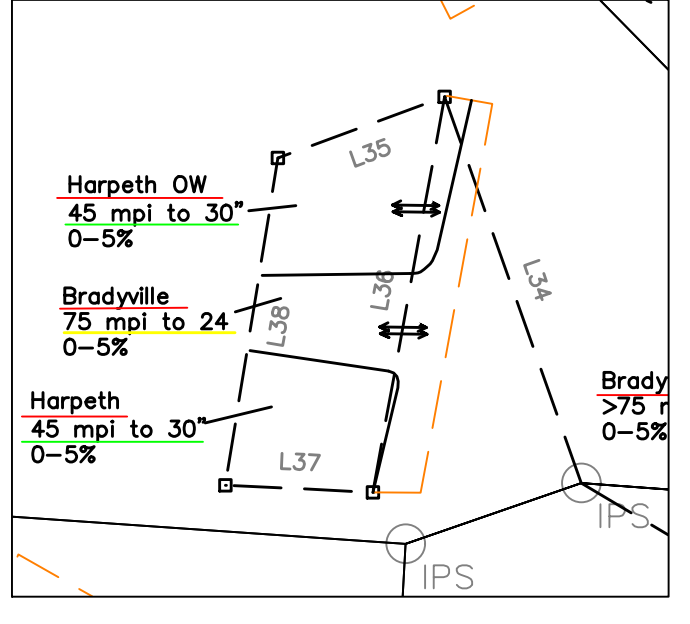
LOCATION MAP
N.T.S.



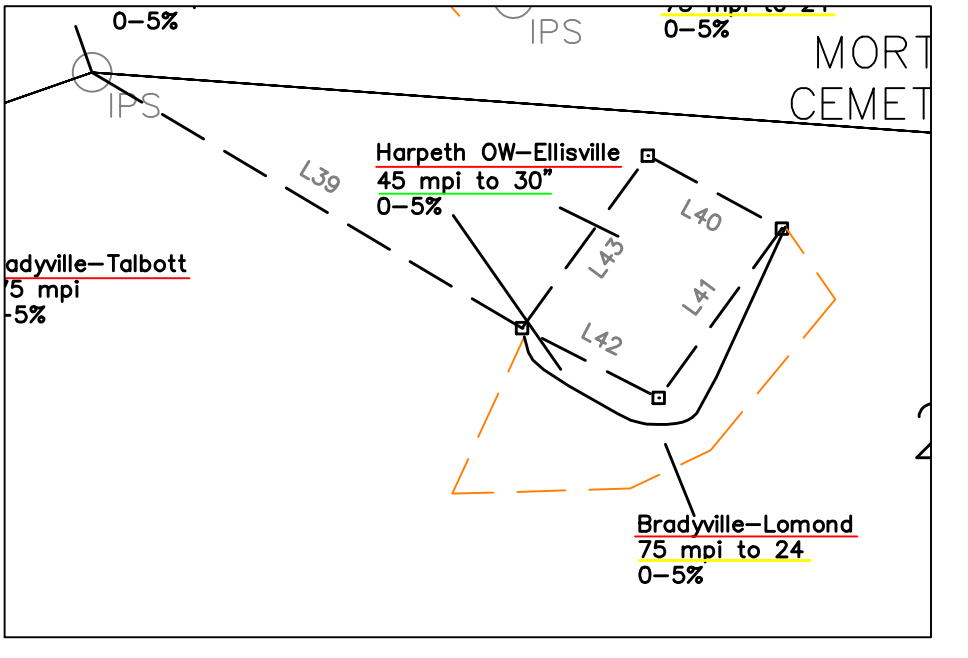
SOIL SITE 3 DETAIL
SCALE 1"=100'



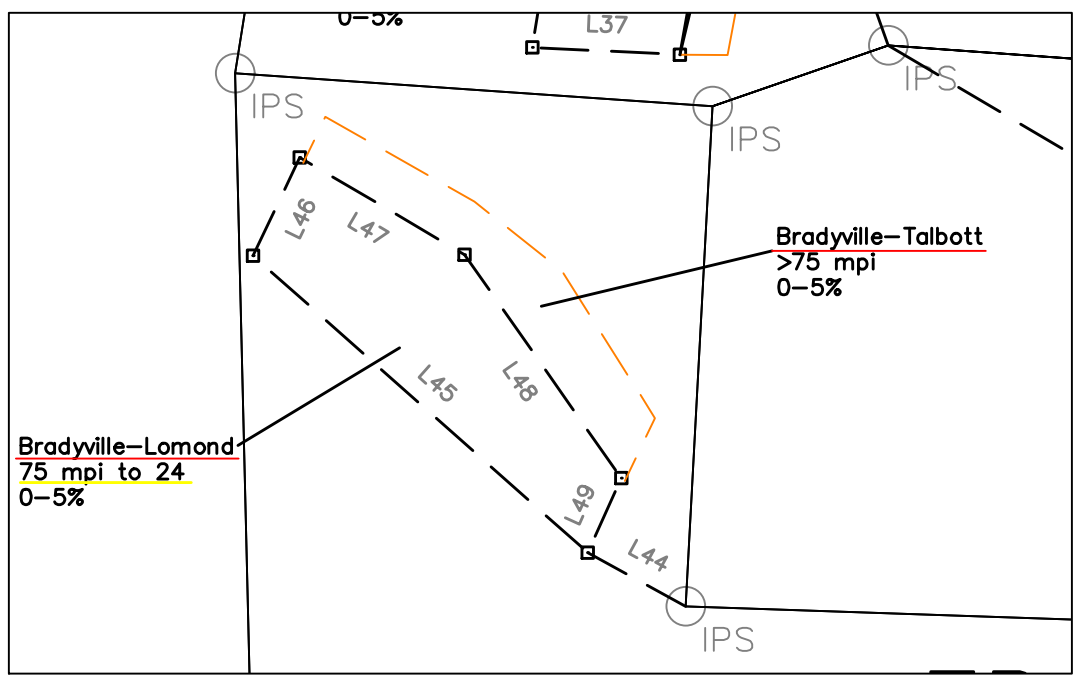
SOIL SITE 4 DETAIL
SCALE 1"=100'



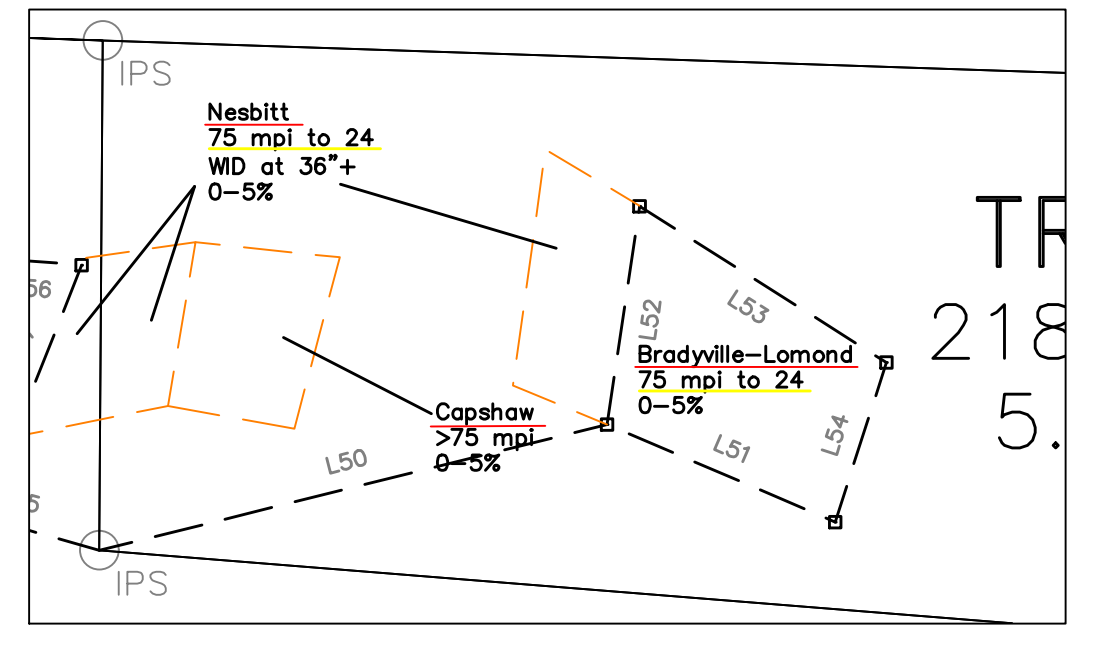
SOIL SITE 5 DETAIL
SCALE 1"=100'



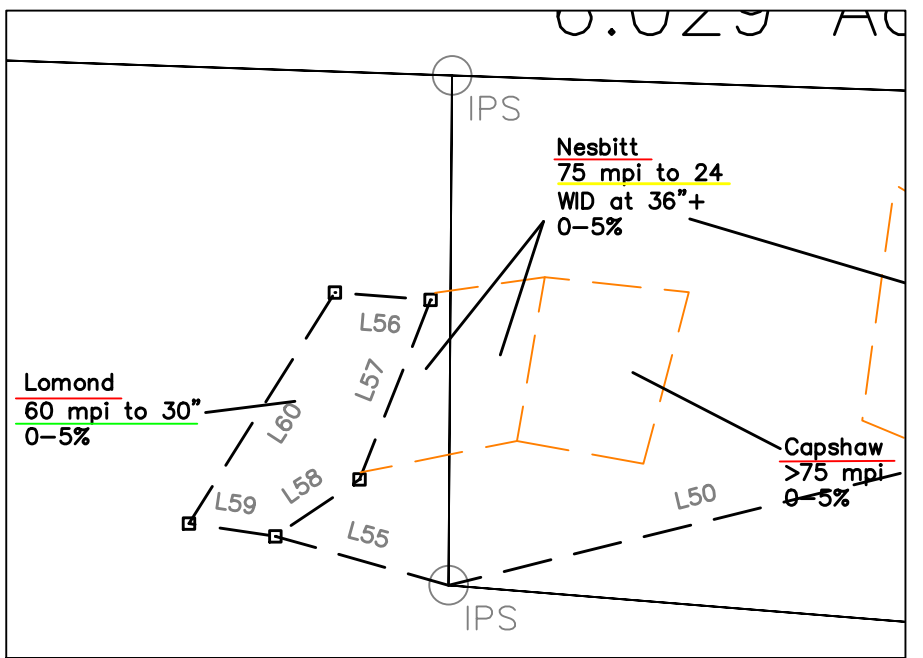
SOIL SITE 6 DETAIL
SCALE 1"=100'



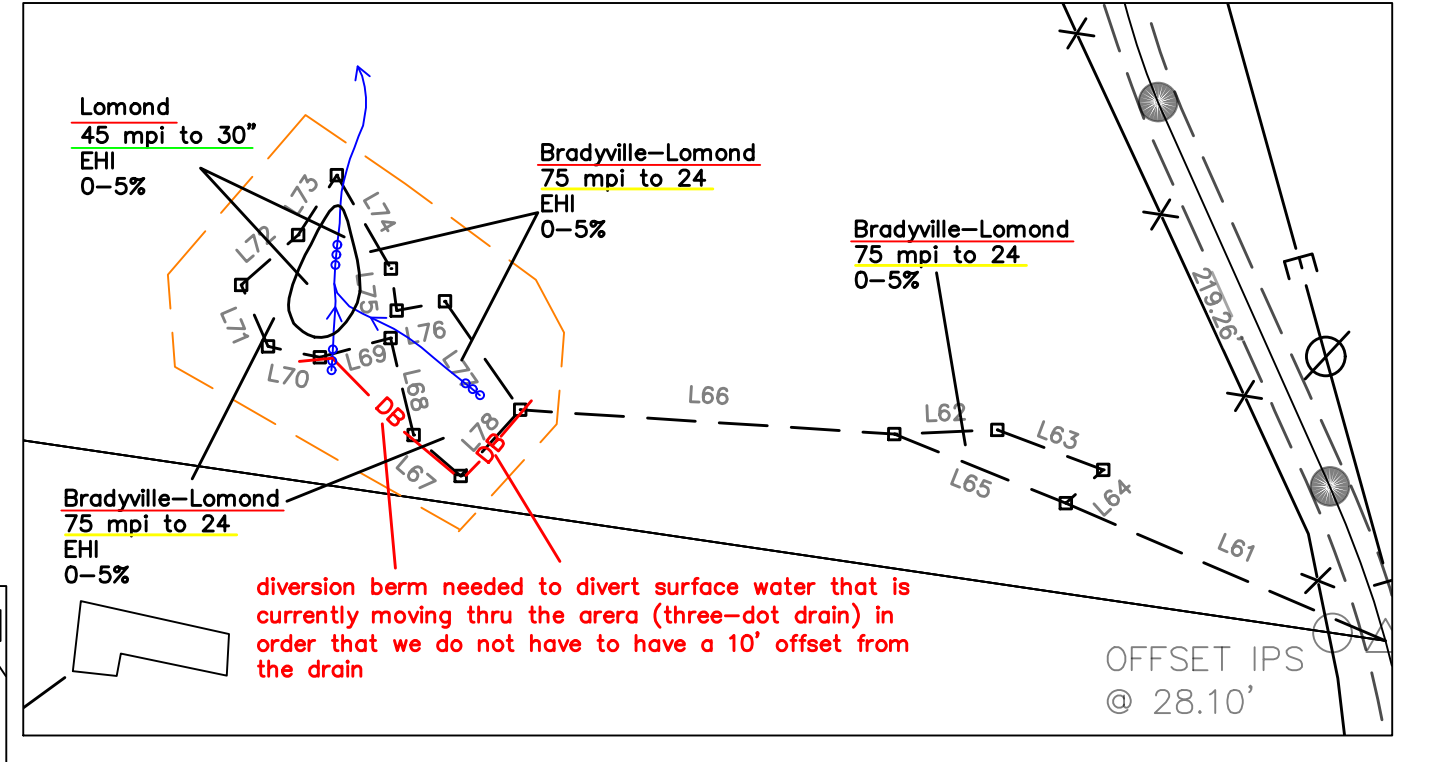
SOIL SITE 7 DETAIL
SCALE 1"=100'



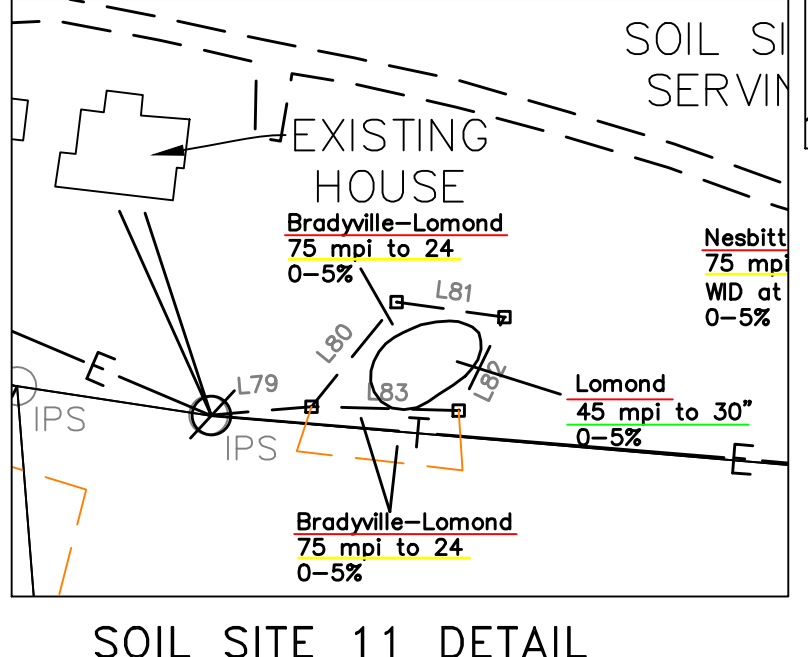
SOIL SITE 8 DETAIL
SCALE 1"=100'



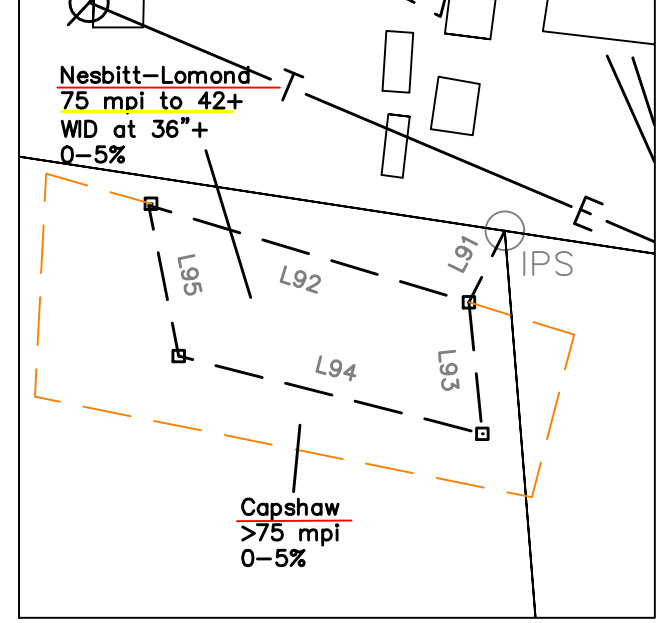
SOIL SITE 9 DETAIL
SCALE 1"=100'



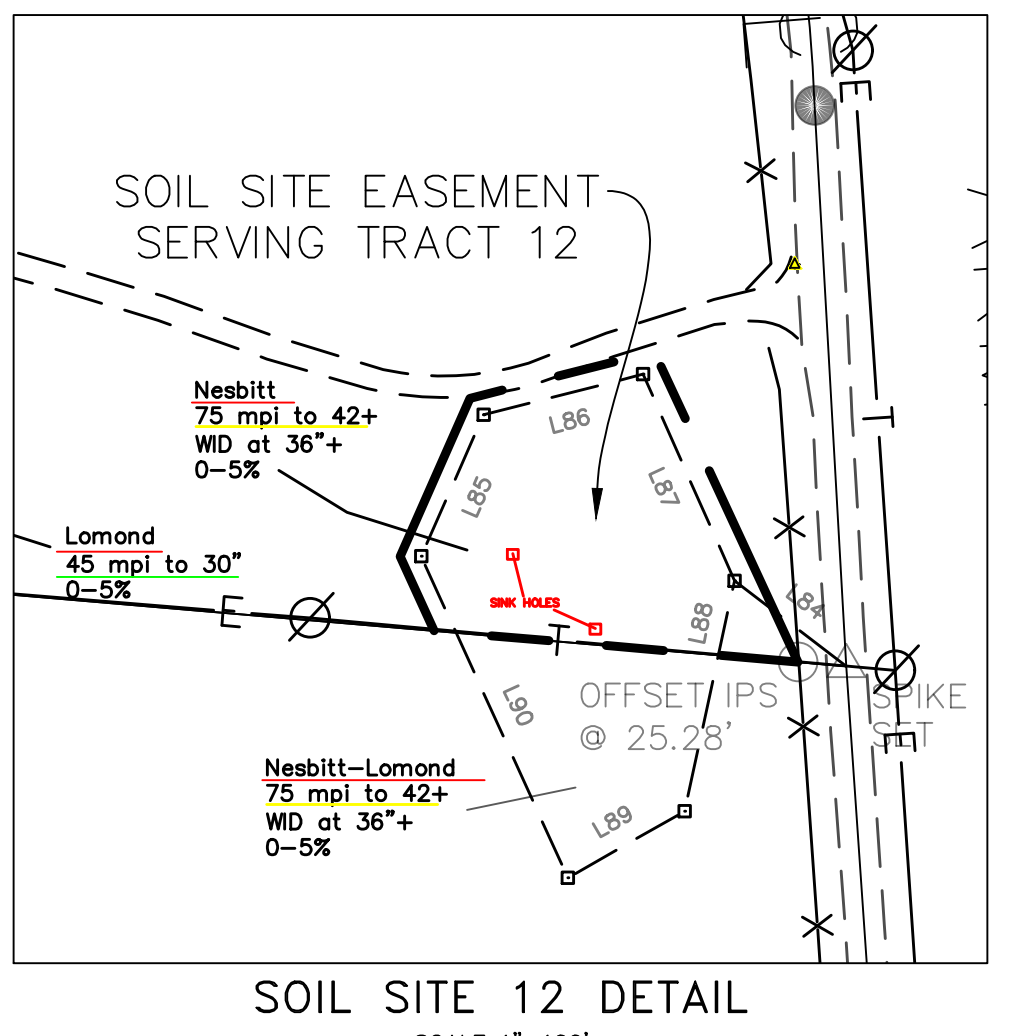
SOIL SITE 10 DETAIL
SCALE 1"=100'



SOIL SITE 11 DETAIL
SCALE 1"=100'



SOIL SITE 13 DETAIL
SCALE 1"=100'



SOIL SITE 12 DETAIL
SCALE 1"=100'

Extra-High Intensity Soil Map (SOIL SITE 10 ONLY!!!):
Notes:
1. Soils underlined by red and green have properties that are considered favorable for Sub-Surface Sewage Disposal (SSDS) if all soil improvement practices are utilized.
2. Soils underlined by red and yellow have properties that are considered marginally favorable for SSDS if all soil improvement practices are utilized.
3. Soils underlined by red have properties that are considered unfavorable for SSDS at this time.
4. Soil areas requiring interceptor and/or curtain drain must have access to an outlet at the appropriate elevation in order to be considered favorable at the recommended adsorption rate. Otherwise, these soil areas will be considered unfavorable for SSDS.

LEGEND:
- path of runoff; recommend installation 15' away or install thru with diversion of interceptor drain
- Diversion Berm recommended in this location
- end of evaluation
EHI - This area was mapped on an Extra-High Intensity level

High Intensity Soil Map (ALL SOIL SITES EXCEPT SOIL SITE 10):
Notes:
1. Soils underlined by red and green have properties that are considered favorable for Sub-Surface Sewage Disposal (SSDS) if all soil improvement practices are utilized.
2. Soils underlined by red and yellow have properties that are considered marginally favorable for SSDS if all soil improvement practices are utilized.
3. Soils underlined by red have properties that are considered unfavorable for SSDS at this time.
4. Soil areas requiring interceptor and/or curtain drain must have access to an outlet at the appropriate elevation in order to be considered favorable at the recommended adsorption rate. Otherwise, these soil areas will be considered unfavorable for SSDS.

LEGEND:
- path of runoff; recommend installation 15' away or install thru with interceptor drain or diversion
- drain; recommend installation 15' or more away
- drain; recommend installation 25' or more away
- end of evaluation
WD - with interceptor drain at recommended depth; install 15' away downslope or 25' away upslope
- same soil unit
- SINK HOLE; INSTALL 25' OR MORE AWAY
- overwash

ANY DISTURBANCE TO THESE SOILS AFTER THIS DATE MAY VOID THEIR FAVORABILITY!!!!
SOIL SCIENTIST'S SIGNATURE DOES NOT CONSTITUTE APPROVAL BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION OR LOCAL AUTHORITIES.

ANY DISTURBANCE TO THESE SOILS AFTER THIS DATE MAY VOID THEIR FAVORABILITY!!!!
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Lonnelle Norrod
Soil Scientist
Licence #61



SOIL MAP
TODD PROPERTY
ARMSTRONG VALLEY ROAD
11th CIVIL DISTRICT, RUTHERFORD COUNTY, TENNESSEE

OWNER: DAVID EDWIN TODD, JR. ESTATE
DAVID EDWIN TODD III CO-EXECUTOR
SHERREE T BEETS CO-EXECUTOR
ADDRESS: 2872 ARMSTRONG VALLEY RD
MURFREESBORO, TN 37128
TAX MAP 137, PARCEL 2.00
DEED BOOK 311, PAGE 958
WILL BOOK 65, PAGE 51

SEC, Inc. SITE ENGINEERING CONSULTANTS
ENGINEERING • SURVEYING • LAND PLANNING
LANDSCAPE ARCHITECTURE
WWW.SEC-CIVIL.COM
850 MIDDLE TENNESSEE BLVD. • MURFREESBORO, TENNESSEE 37129
PHONE (615) 890-7900 • FAX (615) 895-2567

PROJ. #	DATE:	FILE:	DRAWN BY:	SCALE:	SHEET
23126.01	11/21/23	ARMSTRONG VALLEY RD 2872	MCR	1" = 200'	1 OF 1

CERTIFICATE OF ACCURACY - I hereby certify that this is a category "1" survey and the ratio of precision of the unadjusted survey is 1:10,000 as shown hereon.