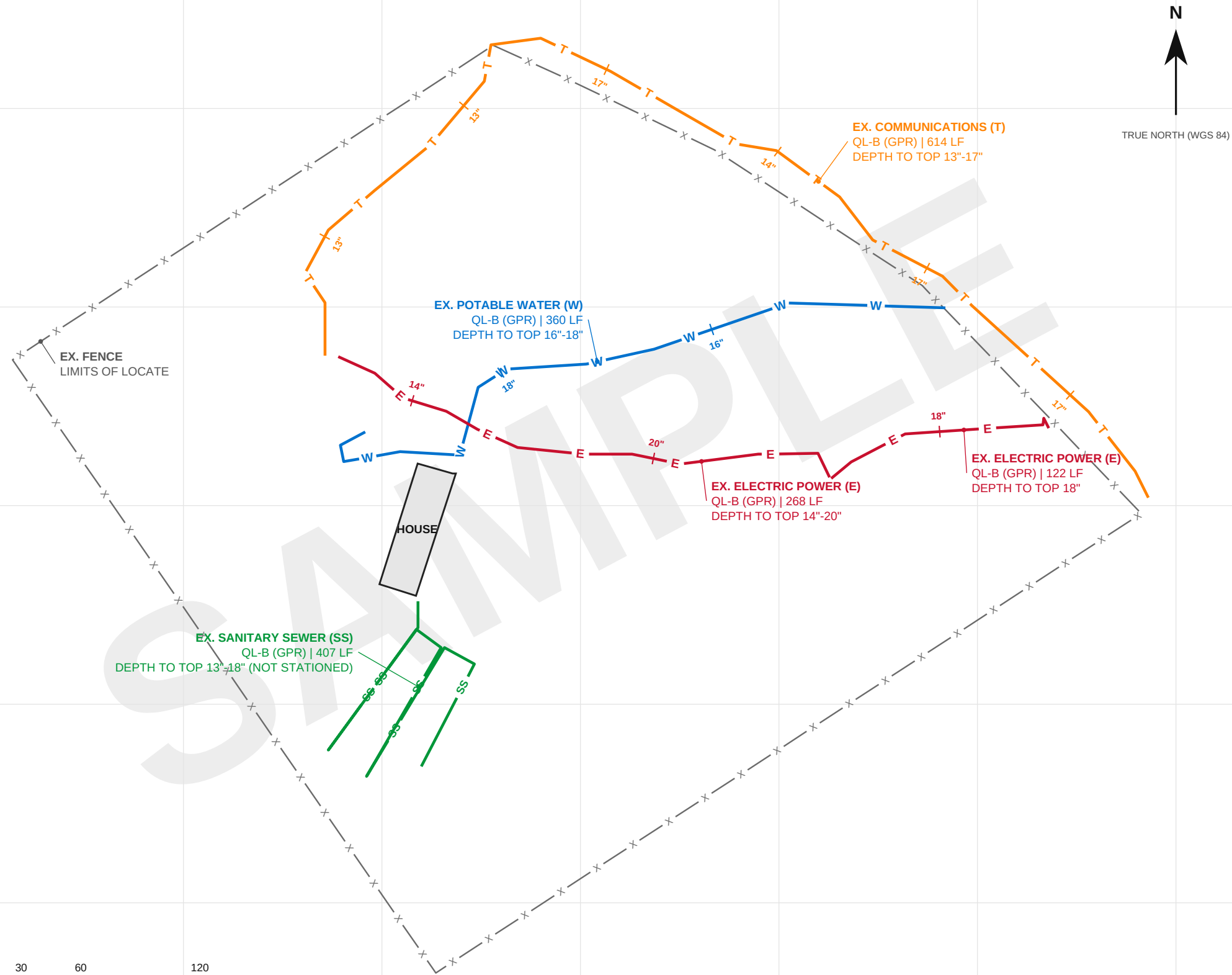


PRIVATE UTILITY LOCATE — EXISTING UTILITY MAP

GPR DESIGNATION, DEPICTED TO THE QUALITY LEVEL B CONVENTIONS OF ASCE/UESI/CI 38-22 | APWA UNIFORM COLOR CODE (ALABAMA 811) | DEPTHS ARE GPR-INTERPRETED, APPROX. TO TOP OF UTILITY



GRAPHIC SCALE 1" = 60' (11x17 SHEET) GRID = 100 FT

LEGEND

- W W Potable water — QL-B
- E E Electric power — QL-B
- T T Communications (internet / telephone / CATV) — QL-B
- SS SS Sanitary sewer / septic system — QL-B
- Existing structure (house)
- X X X Existing fence (limits of investigation)
- Depth station: GPR depth to top of utility at that point (approx.)
- EX. WATER (W) QL-B | 120 LF Line tag callout: utility, (tag), quality level, length

Colors follow the APWA Uniform Color Code used by Alabama 811. Letter tags are repeated along each line so the map reads correctly in black-and-white copies.

UTILITY QUALITY LEVELS (ASCE/UESI/CI 38-22)

- QL-A Utility exposed (test hole) and surveyed; precise horizontal and vertical position.
- QL-B Horizontal position designated by surface geophysics and surveyed; depths shown are interpreted from the GPR data, not measured.
- QL-C Visible above-ground utility features surveyed and correlated with records (QL-D).
- QL-D Derived from existing records or oral recollection only.

All segments shown: QL-B by GPR. Depths are GPR-interpreted, not QL-A test-hole measurements.

UTILITY NOTES

- Private utility locate by Wiregrass GPR, Elba, Alabama, a private locating service, not a licensed engineering or surveying firm. Utilities are depicted using the quality-level conventions of ASCE/UESI/CI 38-22 (a QL is shown for every segment). This is a locate record, not a sealed SUE deliverable, and carries no professional certification.
- QL-B segments: each utility was designated with ground penetrating radar (GPR), marked in APWA colors, and each mark was shot with a Leica Zeno FLX100 GNSS, RTK network corrections (fixed). Mapped positions are good to about ±6 in, limited by the GPR mark rather than the GNSS. Field date: AUG 21, 2026 (sample).
- Depths (D") are approximate depths to the top of the utility interpreted from GPR at the time of the scan. They are not QL-A (exposed and measured) values and were not verified by excavation. Grading, erosion or fill after the scan will change them.
- Sheet U-2 gives tie distances from house corners and fence posts to each key point, computed from the mapped positions, so the lines can be re-found with a tape and no GPS. Hand-dig or vacuum-excavate within the tolerance zone required by Alabama law before using mechanized equipment near any marked line.
- Limits of investigation: the fenced area shown. GPR detection varies with soil moisture, clay and target size; non-metallic, deep or small utilities can go undetected, so absence of a depicted utility does not guarantee absence of a utility.
- This private locate covers privately owned facilities (septic, service laterals, private lines) that Alabama 811 member utilities do not mark. Public utilities are marked by their owners through Alabama 811; this map does not replace the excavator's duty to call 811 before digging.
- Datum: NAD83(2011) via the RTK correction network, carried as WGS 84 in the map software (about 1 m shift; no effect on ties). Local grid in U.S. survey feet, origin withheld on this sample. Not a boundary survey; fence shown for reference only.
- CUSTOMER SAMPLE. Depths, dates and field data are illustrative, not a record of an actual locate.



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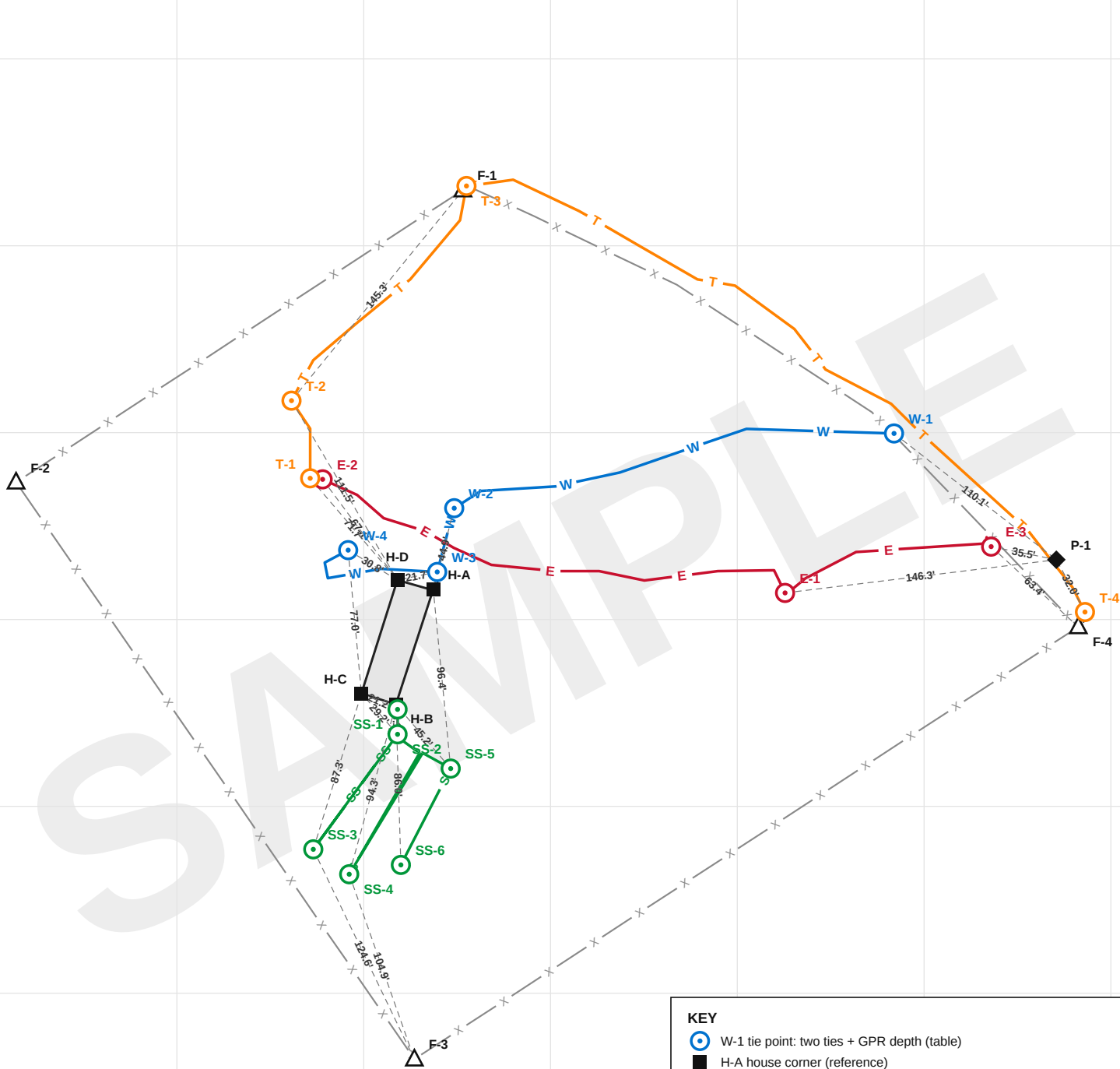
PRIVATE UTILITY LOCATE — EXISTING UTILITY MAP

GPR DESIGNATION · ASCE 38-22 QL-B CONVENTIONS · PRIVATE LOCATE RECORD

CLIENT	SAMPLE CUSTOMER
SITE	SAMPLE SITE
LOCATION	Coordinates withheld on this sample · Coffee County, Alabama
FIELD DATE	AUG 21, 2026 (sample)
MAPPING	Leica Zeno FLX100, RTK fixed, ±6 in
SCALE	1" = 60' (ANSI B, 11 x 17)
TECHNICIAN	

TIE SHEET — RE-LOCATION RECORD

KEY PLAN OF TIE POINTS AND REFERENCE POINTS WITH COMPUTED TIE DISTANCES (FEET). USE THE TABLE AT RIGHT TO RE-FIND ANY POINT WITH A TAPE; DO NOT SCALE OFF THIS PLAN.



GRAPHIC SCALE 1" = 80' (11x17 SHEET) GRID = 100 FT — KEY PLAN ONLY, NOT FOR SCALING TIES

KEY

- W-1 tie point: two ties + GPR depth (table)
- H-A house corner (reference)
- F-1 fence corner post (reference)
- P-1 other permanent feature marked in the field
- - - tie line with computed distance — see table

REFERENCE POINTS · COMPASS CHECK (°T to neighbour) · coords withheld

- H-A NE house corner · to H-D 285°T
- H-B S house corner · to H-C 288°T
- H-C SW house corner · to H-B 108°T
- H-D N house corner · to H-A 105°T
- F-1 N fence corner post · to H-D 190°T
- F-2 W fence corner post · to H-D 104°T
- F-3 S fence corner post · to H-B 357°T
- F-4 E fence corner post · to P-1 342°T
- P-1 Power pole · to F-4 162°T

TIE TABLE — COMPUTED FROM THE MAPPED POSITIONS

PT	UTILITY / POINT	REF A	DIST A	BRG A (°T)	REF B	DIST B	REF C	DIST C	DEPTH	TO NEXT PT
W-1	Water — end of locate	P-1	110.1'	308° NW	H-A*	260.3'	F-3*	422.0'	16"	243' to W-2
W-2	Water — bend	H-A	44.9'	015° NNE	F-2*	235.0'	H-D	49.0'	18"	35' to W-3
W-3	Water — bend	H-A	9.5'	012° NNE	H-D	21.7'	F-2*	230.4'	18"	82' to W-4
W-4	Water — end of locate	H-D	30.8'	301° WNW	H-C	77.0'	F-1*	202.3'	18"	end of run
E-1	Electric — junction of two runs	P-1	146.3'	263° W	F-1*	276.1'	F-3*	318.8'	20"	268' to E-2
E-2	Electric — end of locate	H-D	67.1'	323° NW	F-2*	164.1'	H-C	116.4'	14"	end of run
E-3	Electric — end of locate	P-1	35.5'	281° WNW	F-4	63.4'	H-B*	329.7'	18"	end of run
T-1	Communications — end of locate	H-D	71.7'	319° NW	F-2*	157.4'	H-C	118.4'	13"	45' to T-2
T-2	Communications — bend	H-D	111.5'	329° NNW	F-1	145.3'	F-2*	153.7'	13"	152' to T-3
T-3	Communications — bend	F-1	2.8'	041° NE	H-D*	214.0'	P-1*	373.8'	14"	417' to T-4
T-4	Communications — end of locate	F-4	8.7'	024° NNE	P-1	32.0'	H-A*	349.0'	17"	end of run
SS-1	Septic — at house	H-B	2.9'	160° SSE	H-C	21.2'	H-A	67.1'	18"	13' to SS-2
SS-2	Septic — junction of two runs	H-B	16.1'	176° S	H-C	29.2'	P-1*	364.8'	18"	76' to SS-3
SS-3	Septic — drain field corner	H-C	87.3'	197° SSW	F-3	124.6'	F-4*	426.5'	18"	166' to SS-4
SS-4	Septic — drain field corner	H-B	94.3'	195° SSW	F-3	104.9'	F-2*	275.3'	13"	93' to SS-5
SS-5	Septic — drain field corner	H-B	45.2'	139° SE	H-A	96.4'	P-1*	342.9'	13"	58' to SS-6
SS-6	Septic — end of locate	H-B	86.0'	178° S	F-2*	290.4'	F-4*	384.4'	13"	end of run

17 tie points on 4 utilities. Distances in feet to the outside face of the house wall at the corner, or the center of the fence post. REF C is a third tie: it picks the correct arc crossing and checks the first two.
BRG A = bearing from REF A to the point, degrees clockwise from TRUE north, with the compass quadrant. Declination at the site on the field date: 4.3° W (NOAA WMM), so a compass reads true bearing + 4.3°. Deviation (your own compass's error from nearby metal or current) is not on this sheet and cannot be: measure it with the compass check in the KEY before trusting any bearing.
* tie longer than 150 ft (not drawn on the key plan): use a measuring wheel, or chain along the line from the previous point using the last column.
Accuracy: ties are computed from marks shot with a Leica Zeno FLX100 GNSS, RTK network corrections (fixed). Expect each point within about ±6 in of its ties, governed by the GPR mark, not the GNSS. No ties were taped.

HOW TO RE-FIND A LINE FROM THIS SHEET (NO GPS NEEDED)

- Pick the point you need from the table (for example W-4). Its references are on the key plan: H-A to H-D are the outside corners of the house, F-1 to F-4 the fence corner posts. No compass is needed if you use all three ties.
- Hook a tape on REF A and swing an arc at DIST A; do the same from REF B at DIST B. Two arcs cross in two places: the right one is also DIST C from REF C. If the third tape disagrees by more than a foot, re-check the first two. Mark the point with a flag or paint.
- Repeat for the next point on the run and connect the marks; the line runs between tie points as drawn on the key plan. TO NEXT PT is the length of line between them, for chaining with a wheel.
- DEPTH is the GPR-interpreted depth to the top of the line at that point on the field date, in inches; grading, erosion or fill since then changes it.
- These ties were computed from RTK GNSS positions of the paint marks, not taped. Expect the line within about ±6 in of the point you lay out (see accuracy line above). Hand-dig or probe to expose it within the tolerance zone before using machinery, and call Alabama 811 for public utilities.
- To use BRG A with a compass: stand at the reference, sight its neighbour listed in the KEY, and compare the reading with the check bearing (true bearing plus the declination above). Any difference is deviation from metal or current near you (vehicle, steel post, the home's frame, wiring); apply it to BRG A, step away from the source, or rely on the three ties.
- If a house corner has been altered (addition, porch, skirting) or a fence post moved since the field date, use a different reference pair or chain from a neighbouring point.



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PRIVATE UTILITY LOCATE — TIE SHEET (RE-LOCATION RECORD)

GPR DESIGNATION · ASCE 38-22 QL-B CONVENTIONS · COMPANION TO SHEET U-1

CLIENT	SAMPLE CUSTOMER
SITE	SAMPLE SITE
LOCATION	Coordinates withheld on this sample · Coffee County, Alabama
FIELD DATE	AUG 21, 2026 (sample)
MAPPING	Leica Zeno FLX100, RTK fixed, ±6 in
KEY PLAN SCALE	1" = 80' (ANSI B, 11 x 17)
TECHNICIAN	

POINT LIST — ALL SURVEYED POINTS

COORDINATES ARE WITHHELD ON THIS SAMPLE. A CUSTOMER DELIVERABLE LISTS LATITUDE / LONGITUDE AND NAD83 ALABAMA STATE PLANE EAST NORTHING / EASTING (U.S. SURVEY FEET) FOR EVERY POINT | STATION = DISTANCE ALONG THE LINE, GROUND FEET | DEPTH = GPR DEPTH TO TOP, INCHES

TIE POINTS							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
W-1	Water - end of locate	withheld	withheld	—	—	16	
W-2	Water - bend	withheld	withheld	—	—	18	
W-3	Water - bend	withheld	withheld	—	—	18	
W-4	Water - end of locate	withheld	withheld	—	—	18	
E-1	Electric - junction of two runs	withheld	withheld	—	—	20	
E-2	Electric - end of locate	withheld	withheld	—	—	14	
E-3	Electric - end of locate	withheld	withheld	—	—	18	
T-1	Comms - end of locate	withheld	withheld	—	—	13	
T-2	Comms - bend	withheld	withheld	—	—	13	
T-3	Comms - bend	withheld	withheld	—	—	14	
T-4	Comms - end of locate	withheld	withheld	—	—	17	
SS-1	Septic - at house	withheld	withheld	—	—	18	
SS-2	Septic - junction of two runs	withheld	withheld	—	—	18	
SS-3	Septic - drain field corner	withheld	withheld	—	—	18	
SS-4	Septic - drain field corner	withheld	withheld	—	—	13	
SS-5	Septic - drain field corner	withheld	withheld	—	—	13	
SS-6	Septic - end of locate	withheld	withheld	—	—	13	
REFERENCE POINTS							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
H-A	NE house corner	withheld	withheld	—	—		
H-B	S house corner	withheld	withheld	—	—		
H-C	SW house corner	withheld	withheld	—	—		
H-D	N house corner	withheld	withheld	—	—		
F-1	N fence corner post	withheld	withheld	—	—		
F-2	W fence corner post	withheld	withheld	—	—		
F-3	S fence corner post	withheld	withheld	—	—		
F-4	E fence corner post	withheld	withheld	—	—		
P-1	Power pole	withheld	withheld	—	—		
WATER LINE W - 11 shot points, 360 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
W.01	start = tie W-1	withheld	withheld	—	—	0	16
W.02	shot	withheld	withheld	—	—	79	16
W.03	shot	withheld	withheld	—	—	151	17
W.04	shot	withheld	withheld	—	—	186	17
W.05	shot	withheld	withheld	—	—	226	18
W.06	shot = tie W-2	withheld	withheld	—	—	243	18
W.07	shot = tie W-3	withheld	withheld	—	—	278	18
W.08	shot	withheld	withheld	—	—	308	18
W.09	shot	withheld	withheld	—	—	337	18
W.10	shot	withheld	withheld	—	—	346	18
W.11	end = tie W-4	withheld	withheld	—	—	360	18

ELECTRIC LINE Ea - 13 shot points, 268 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
Ea.01	start = tie E-1	withheld	withheld	—	—	0	20
Ea.02	shot	withheld	withheld	—	—	13	20
Ea.03	shot	withheld	withheld	—	—	14	20
Ea.04	shot	withheld	withheld	—	—	44	20
Ea.05	shot	withheld	withheld	—	—	83	20
Ea.06	shot	withheld	withheld	—	—	108	19
Ea.07	shot	withheld	withheld	—	—	132	18
Ea.08	shot	withheld	withheld	—	—	166	17
Ea.09	shot	withheld	withheld	—	—	188	16
Ea.10	shot	withheld	withheld	—	—	206	15
Ea.11	shot	withheld	withheld	—	—	229	14
Ea.12	shot	withheld	withheld	—	—	248	14
Ea.13	end = tie E-2	withheld	withheld	—	—	268	14
COMMUNICATIONS LINE T - 20 shot points, 614 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
T.01	start = tie T-1	withheld	withheld	—	—	0	13
T.02	shot	withheld	withheld	—	—	27	13
T.03	shot = tie T-2	withheld	withheld	—	—	45	13
T.04	shot	withheld	withheld	—	—	69	13
T.05	shot	withheld	withheld	—	—	100	13
T.06	shot	withheld	withheld	—	—	137	13
T.07	shot	withheld	withheld	—	—	178	14
T.08	shot = tie T-3	withheld	withheld	—	—	197	14
T.09	shot	withheld	withheld	—	—	222	15
T.10	shot	withheld	withheld	—	—	261	17
T.11	shot	withheld	withheld	—	—	298	16
T.12	shot	withheld	withheld	—	—	334	15
T.13	shot	withheld	withheld	—	—	355	14
T.14	shot	withheld	withheld	—	—	394	15
T.15	shot	withheld	withheld	—	—	421	16
T.16	shot	withheld	withheld	—	—	461	17
T.17	shot	withheld	withheld	—	—	482	17
T.18	shot	withheld	withheld	—	—	561	17
T.19	shot	withheld	withheld	—	—	599	17
T.20	end = tie T-4	withheld	withheld	—	—	614	17
SEPTIC LINE SS - 9 shot points, 407 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
SS.01	start = tie SS-1	withheld	withheld	—	—	0	18
SS.02	shot = tie SS-2	withheld	withheld	—	—	13	18
SS.03	shot = tie SS-3	withheld	withheld	—	—	90	18
SS.04	shot	withheld	withheld	—	—	165	15
SS.05	shot	withheld	withheld	—	—	180	15
SS.06	shot = tie SS-4	withheld	withheld	—	—	255	13
SS.07	shot	withheld	withheld	—	—	331	13
SS.08	shot = tie SS-5	withheld	withheld	—	—	348	13
SS.09	end = tie SS-6	withheld	withheld	—	—	407	13

ELECTRIC LINE Eb - 6 shot points, 122 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
Eb.01	start	withheld	withheld	—	—	0	18
Eb.02	shot	withheld	withheld	—	—	13	18
Eb.03	shot	withheld	withheld	—	—	44	18
Eb.04	shot	withheld	withheld	—	—	113	18
Eb.05	shot	withheld	withheld	—	—	117	18
Eb.06	end = tie E-3	withheld	withheld	—	—	122	18
FENCE LINE F - 8 shot points, 1494 ft							
PT	DESCRIPTION	LATITUDE	LONGITUDE	NORTHING	EASTING	STA	D"
F.01	start	withheld	withheld	—	—	0	
F.02	shot	withheld	withheld	—	—	286	
F.03	shot	withheld	withheld	—	—	661	
F.04	shot	withheld	withheld	—	—	1085	
F.05	shot	withheld	withheld	—	—	1244	
F.06	shot	withheld	withheld	—	—	1369	
F.07	shot	withheld	withheld	—	—	1453	
F.08	end	withheld	withheld	—	—	1494	



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PRIVATE UTILITY LOCATE — POINT LIST
GPR DESIGNATION · ASCE 38-22 QL-B CONVENTIONS · COMPANION TO SHEETS U-1 AND U-2

CLIENT	SAMPLE CUSTOMER
SITE	SAMPLE SITE · Coordinates withheld on this sample · Coffee County, Alabama
FIELD DATE	AUG 21, 2026 (sample)
MAPPING	Leica Zeno FLX100, RTK fixed, ±6 in
GRID	NAD83 Alabama State Plane East, ftUS. Grid scale factor at site 0.999969: grid distances are ground distances x 0.999969. Elevation factor not applied.