

# SM DRAFTER

## SURVEY DRAFTER CAD TECHNICIAN



The drawings, exhibits, contours, and technical samples presented in this portfolio are for demonstration and professional showcase purposes only. Some projects may contain modified, simplified, anonymized, or partially recreated data to protect client confidentiality and proprietary information.

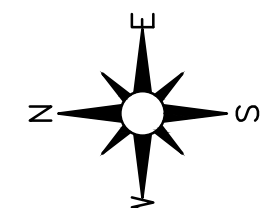


These samples do not constitute signed engineering documents, certified surveys, or construction-ready plans. All work shown reflects drafting, CAD, and visualization capabilities using software such as AutoCAD and Civil 3D.

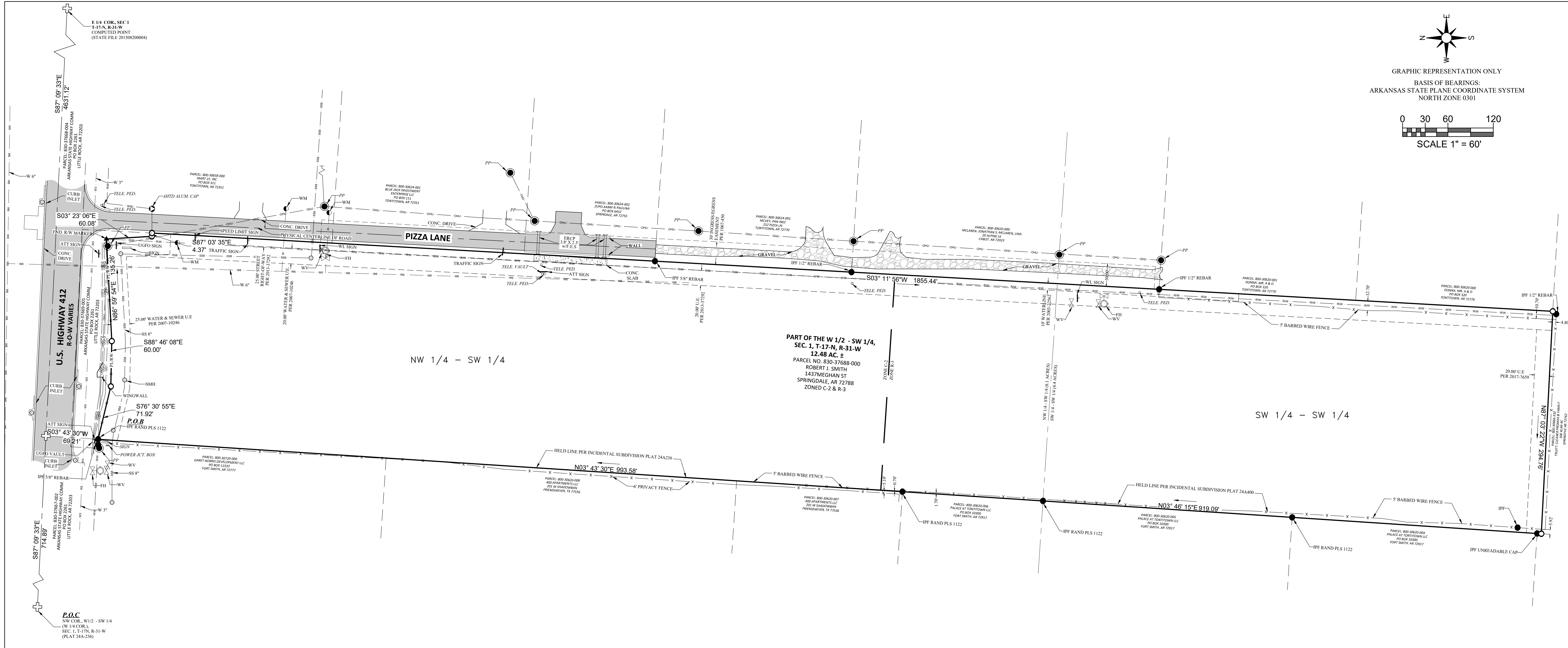
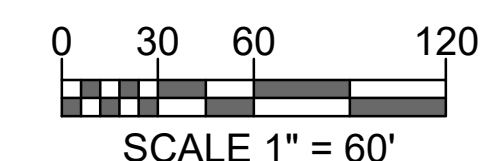


This portfolio is intended solely to demonstrate drafting standards, CAD proficiency, technical presentation, and surveying-related workflows.





GRAPHIC REPRESENTATION ONLY  
BASIS OF BEARINGS:  
ARKANSAS STATE PLANE COORDINATE SYSTEM  
NORTH ZONE 0301



**DISCLAIMER/DRAFTER NOTES**

THIS WAS DONE ONLY TO SHOW MY DRAWING AND SURVEY READING COMPREHENSION SKILLS AS A CAD DRAFTER, BASED ON A REAL SURVEY FROM ARKANSAS. ALL INFORMATION SUCH AS NAMES, ROUTES, PO BOX NUMBERS, AND PERSONAL DATA WAS TAKEN FROM PUBLIC RECORDS (DIVISION OF LAND SURVEYS). MOST OF THE DATA WAS EDITED AND MODIFIED TO HIDE NAMES, PO BOX NUMBERS, PLS NUMBERS, ETC.

DISTANCES ARE ASSUMED TO BE IN U.S. SURVEY FEET FOR DRAFTING PURPOSES ONLY. THE ORIGINAL DOCUMENT DID NOT EXPLICITLY IDENTIFY THE UNIT OF MEASUREMENT.

THIS IS NOT FOR COMMERCIAL USE, CONSTRUCTION, PERMITTING, PROPERTY BOUNDARY DETERMINATION, OR LEGAL PURPOSES.

**GENERAL NOTES**

**FEMA FLOOD MAP**  
BASED UPON MY REVIEW OF THE FEMA FLOOD INSURANCE RATE MAP OF WASHINGTON COUNTY, ARKANSAS, COMMUNITY PANEL NO. 05143C0065G, EFFECTIVE DATE JANUARY 25, 2024, THIS PROPERTY APPEARS TO BE LOCATED WITHIN FLOOD ZONE "X", DEFINED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

**CLOSURE DECLARATION**: THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE TO WITHIN 1 FOOT IN 646,247 FEET.

**REFERENCE**: ALL UTILITIES, ZONING SEPARATIONS, FENCE LINES, AND PARCEL LINES WERE TAKEN FROM THE ORIGINAL PLAT. NONE OF THESE FEATURES WERE FIELD MEASURED BY ME. NO WARRANTY IS MADE AS TO THE ACCURACY OF THEIR LOCATIONS AS SHOWN ON THIS REDRAFTED SURVEY.

**SURVEY DESCRIPTION**

PART OF THE WEST HALF (W 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION ONE (1), TOWNSHIP SEVENTEEN (17) NORTH, RANGE THIRTY-ONE (31) WEST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF TONTITOWN, WASHINGTON COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

**COMMENCING** AT THE NORTHWEST CORNER OF THE WEST HALF (W 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF SAID SECTION 1; THENCE SOUTH 87°09'33" EAST A DISTANCE OF 714.89 FEET; THENCE SOUTH 03°43'30" WEST A DISTANCE OF 69.21 FEET TO THE POINT OF BEGINNING, SAID POINT BEING A FOUND IRON PIN WITH CAP MARKED "RAND PLS 1122" ON THE SOUTHERLY RIGHT-OF-WAY OF U.S. HIGHWAY 412; THENCE SOUTH 76°30'55" EAST A DISTANCE OF 71.92 FEET; THENCE SOUTH 88°46'08" EAST A DISTANCE OF 60.00 FEET; THENCE NORTH 86°59'54" EAST A DISTANCE OF 135.26 FEET TO A FOUND RIGHT-OF-WAY MARKER; THENCE SOUTH 03°23'06" EAST A DISTANCE OF 60.08 FEET; THENCE SOUTH 87°03'35" EAST A DISTANCE OF 4.37 FEET; THENCE SOUTH 03°11'56" WEST A DISTANCE OF 1855.44 FEET TO A SET IRON PIN WITH CAP "PLS 1133"; THENCE NORTH 87°03'22" WEST A DISTANCE OF 294.76 FEET TO A SET IRON PIN WITH CAP "PLS 1133"; THENCE NORTH 03°46'15" EAST A DISTANCE OF 919.09 FEET; THENCE NORTH 03°43'30" EAST A DISTANCE OF 993.58 FEET TO THE POINT OF BEGINNING, CONTAINING 12.48 ACRES, MORE OR LESS, AND SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS, AND RESTRICTIVE COVENANTS OF RECORD AND FACT.

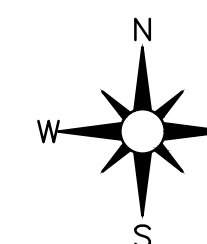
PARCEL NO. 830-37688-000

SETBACKS:	FRONT- 25'
C-2	SIDE- 10'
	REAR- 25'
R-3	FRONT- 30'
	SIDE- 7'
	REAR- 25'
CITY ZONING	C-2 (GENERAL COMMERCIAL)
	R-3 (SINGLE-FAMILY RESIDENTIAL)

LEGEND & ABBREVIATIONS		
	PROPERTY LINE	P.O.C POINT OF COMMENCEMENT
	PROPERTY / RIGHT-OF-WAY LINE	P.O.B POINT OF BEGINNING
	SECTION "40" LINE	● IPF - IRON PIN FOUND (AS NOTED)
	ADJACENT OWNER LINE	○ IRON PIN SET w/ CAP "PLS 1133"
	EASEMENT (AS NOTED)	▲ FOUND MONUMENT (AS NOTED)
	RIGHT-OF-WAY	▼ FOUND RIGHT-OF-WAY MARKER
	BUILDING SETBACK LINE (B.S.L)	⊕ COMPUTED POINT
	WIRE FENCE LINE	○ MANHOLE (AS NOTED)
	OVERHEAD UTILITIES	⊗ FIRE HYDRANT (FH)
	SANITARY SEWER LINE	⊙ POWER POLE (PP)
	WATER LINE	⊕ WATER VALVE (WV)
	UNDERGROUND FIBER OPTIC LINE	⊙ WATER METER
	UNDERGROUND TELEPHONE LINE	
	CENTER LINE OF ROAD	
		PSM = PROFESSIONAL SURVEYOR & MAPPER
		L/S = LICENSED SURVEYOR
		FND = FOUND
		SET = SET "5/8" IRON ROD WITH CAP
		IRC = IRON ROD (& CAP)
		NLI = NAIL & DISK
		SW = SIDEWALK
		CONC = CONCRETE
		PV = PAVEMENT
		R/W = RIGHT-OF-WAY
		D.E. = DRAINAGE EASEMENT
		U.E. = UTILITY EASEMENT
		WF = WIRE FENCE
		(P) = PLAT
		(M) = MEASURED
		WM = WATER METER

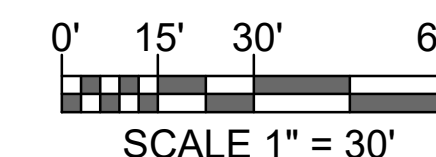
REVISIONS	DATE	DESCRIPTION

BOUNDARY SURVEY		
DATE	OWNER	
06/05/2026	ROBERT J. SMITH 1437 MEGHAN ST, SPRINGDALE. AR 72788	
SCALE: 1"= 60'	W 1/2 - SW 1/4, SEC. 1, T-17-N, R-31-W	
TONTITOWN, WASHINGTON COUNTY, ARKANSAS		
SURVEYOR		
LAUREN SURVEY SERVICES OF ARKANSAS		
DRAWN BY: SM DRAFTER	SURVEYOR: LAUREN F. K. PLS:1122	

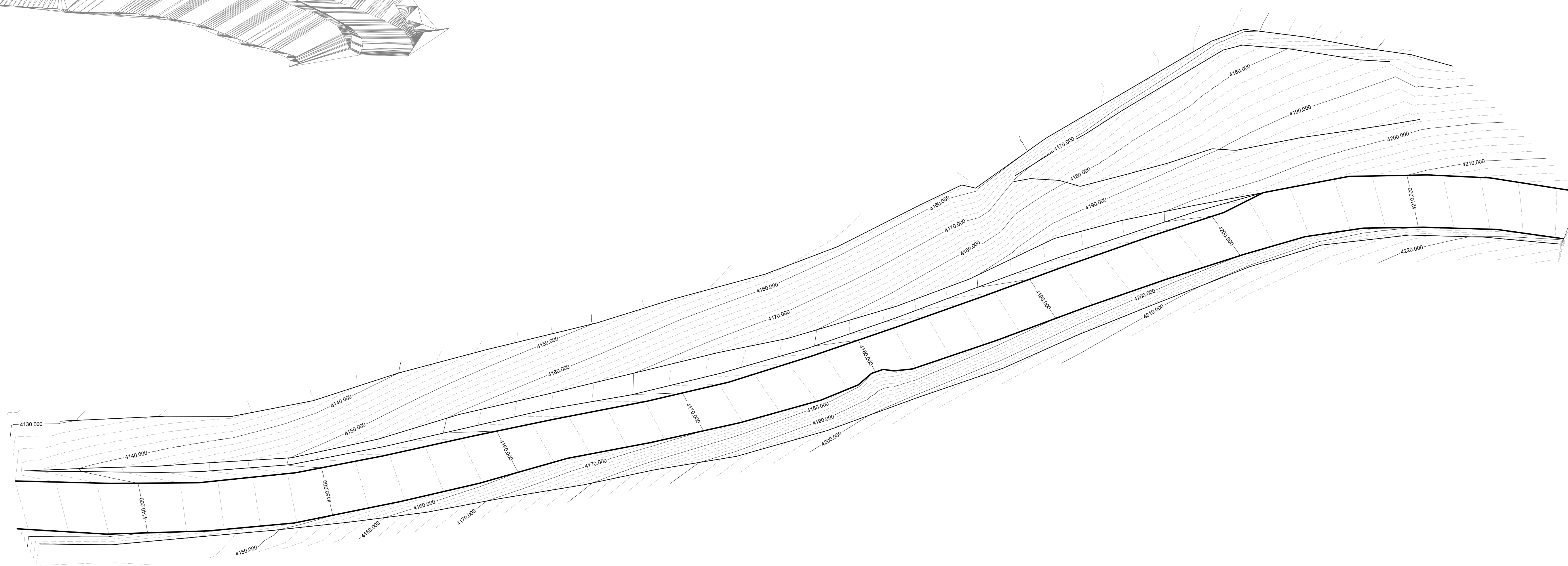
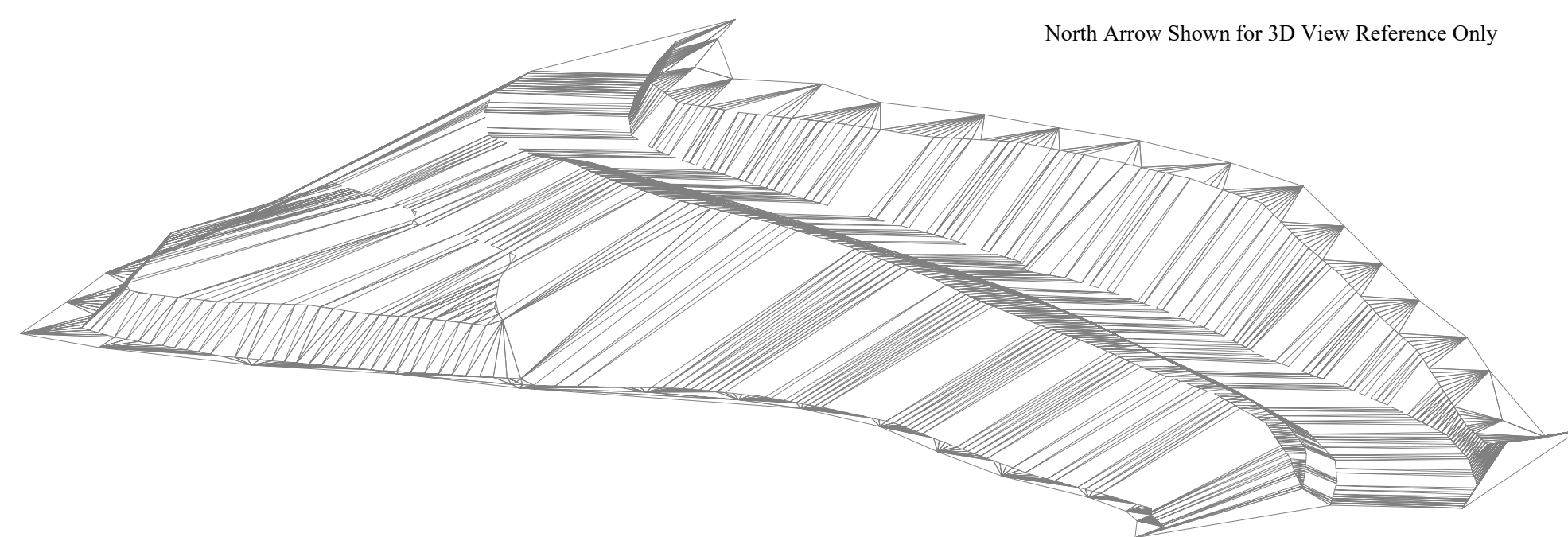


GRAPHIC REPRESENTATION ONLY

NO OFFICIAL DATUM PROVIDED  
ALL DISTANCES ARE US SURVEY FEET



North Arrow Shown for 3D View Reference Only



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**GENERAL NOTES**

THIS DRAWING IS A TOPOGRAPHIC DRAFTING SAMPLE PREPARED FOR PORTFOLIO AND DEMONSTRATION PURPOSES ONLY.

THE TOPOGRAPHIC SURFACE, CONTOURS, AND 3D VISUALIZATION SHOWN HEREON WERE GENERATED FROM IMPORTED SURVEY POINT DATA USING CAD AND SURFACE MODELING WORKFLOWS.

DATA USED FOR THIS SAMPLE WAS PROVIDED IN DIGITAL FORMAT AND PROCESSED FOR TOPOGRAPHIC REPRESENTATION. NO BOUNDARY ANALYSIS, LEGAL DESCRIPTION REVIEW, MONUMENT VERIFICATION, OR PROPERTY DETERMINATION WAS PERFORMED.

THE NORTH ARROW IS PROVIDED FOR GRAPHIC ORIENTATION ONLY AND DOES NOT REPRESENT AN OFFICIAL SURVEY BASIS OF BEARINGS. THIS DRAWING IS INTENDED TO DEMONSTRATE SURVEY DATA PROCESSING, SURFACE GENERATION, CONTOUR CREATION, AND TOPOGRAPHIC DRAFTING CAPABILITIES.

ALL DISTANCES SHOWN ARE IN US SURVEY FEET.

**LEGEND & ABBREVIATIONS**

	MINOR CONTOUR LINE (EACH 2ft)	<b>P.O.C</b>	POINT OF COMMENCEMENT	PSM = PROFESSIONAL SURVEYOR & MAPPER
	MAJOR CONTOUR LINE (EACH 10ft)	<b>P.O.B</b>	POINT OF BEGINNING	L/S = LICENSED SURVEYOR
	EDGE OF GRAVEL ROAD		IPF - IRON PIN FOUND (AS NOTED)	FND = FOUND
			IRON PIN SET w/ CAP "PLS 1133"	SET = SET "5/8" IRON ROD WITH CAP
			MANHOLE (AS NOTED)	IRC = IRON ROD (& CAP)
			POWER POLE (PP)	NLI = NAIL & DISK
			WATER VALVE (WV)	SW = SIDEWALK
			WATER METER	CONC = CONCRETE
			CALCULATED POSITION	PV = PAVEMENT
			JCT. BOX	R/W = RIGHT-OF-WAY
			ELECTRICAL METER	D.E. = DRAINAGE EASEMENT
			GAS METER	U.E. = UTILITY EASEMENT
			HEIGHT MEASUREMENT	WF = WIRE FENCE
				(R) = RECORD
				(M) = MEASURED
				WM = WATER METER

SOME SYMBOLS SHOWN MAY NOT BE USED IN MAP

REVISIONS	DATE	DESCRIPTION

**TOPOGRAPHY SURVEY**

DATE	OWNER
28/05/2026	ALIAS SOLANE PAUL JOHNSON
SCALE: 1"= 30'	
<b>SURVEYOR</b>	
LAUREN SURVEY SERVICES OF ARKANSAS	
DRAWN BY SM DRAFTER	