

SFD 2209-0060
 Lot 38
 Jasmine RD

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: *Family Building Company LLC*
 Address: Date Evaluated: *10-4-22*
 Proposed Facility: *SFD* Design Flow (.1949): *360*
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
			.1941 Structure/ Texture	.1941 Consistence Mineralogy					
<i>1, 2</i>	<i>L-0-15%</i>	<i>0-6</i>	<i>SL</i>	<i>FR GRP SWP</i>					
<i>3</i>		<i>6-42</i>	<i>SMG</i>	<i>FRM SBP S.P.</i>	<i>30-32"</i>	<i>2.1</i>			<i>.35-.4</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JR</i> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>		
System Type(s)	<i>2500</i>	<i>NO REPAIR REQUIRED</i>	
Site LTAR	<i>.35-.4</i>		

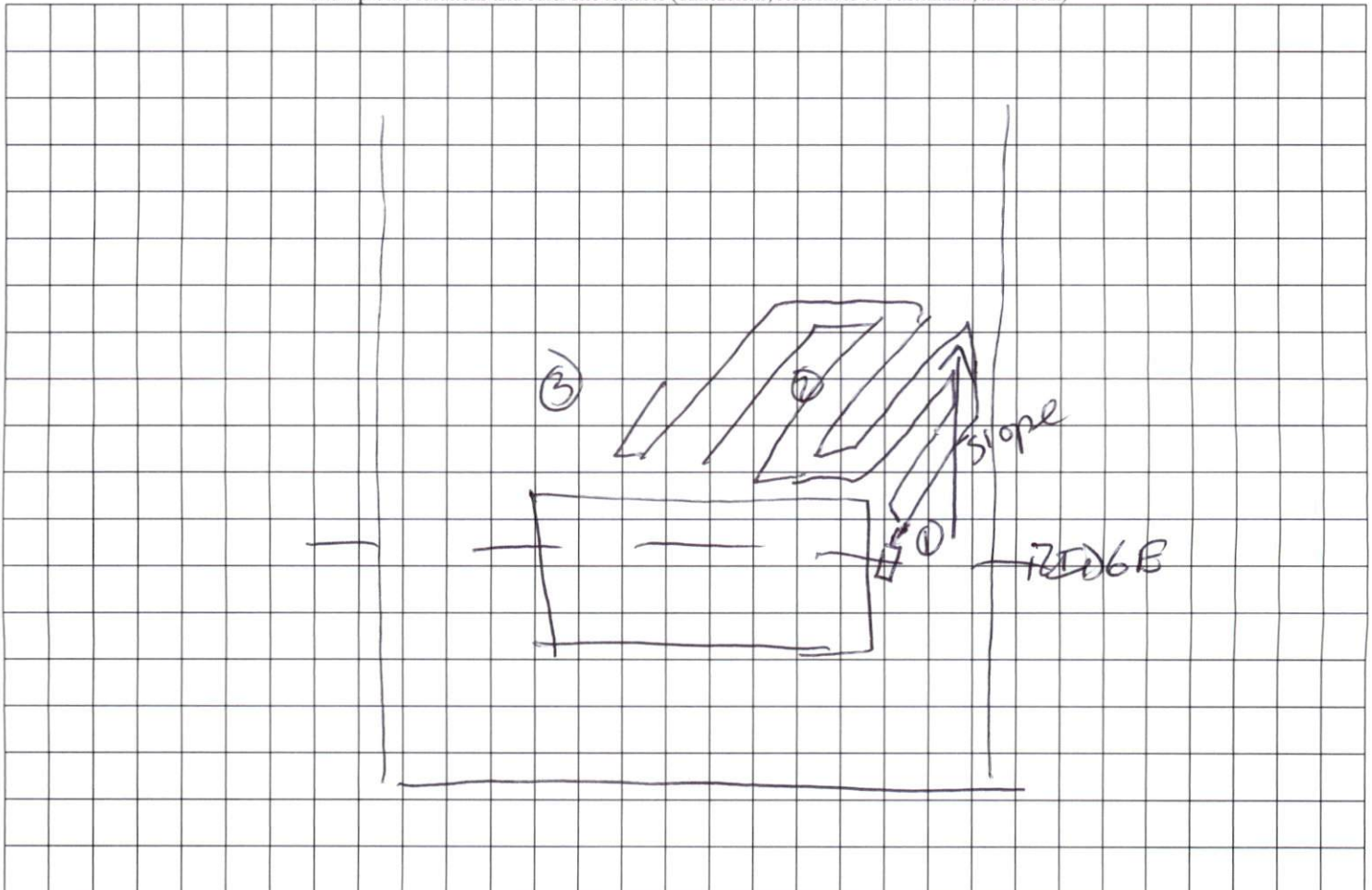
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	I	S-SAND LS-LOAMY SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTY STICKY
	II	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY
	III	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		P-PLASTIC VP-VERY PLASTIC
	IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4 - 0.1		

STRUCTURE
SG-SINGLE GRAIN
M- MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY
SLIGHTLY EXPANSIVE
EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



SURVEY FOR

FAMILY BUILD

LOT 38, BL.4, CAPTAINS LANDING

JASEMINE ROAD

PIN# 0613-85-3366

REF:P.B. 21, PAGE 52

REF: D.B. 4155, PAGE 1949

BUCKHORN TOWNSHIP

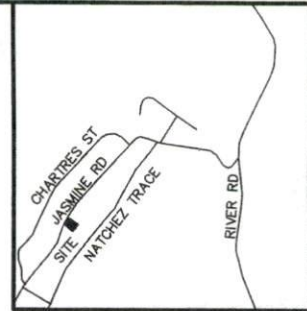
HARNETT COUNTY, NORTH CAROLINA

JULY 29, 2022

50 25 0 50 100



SCALE 1"=50'

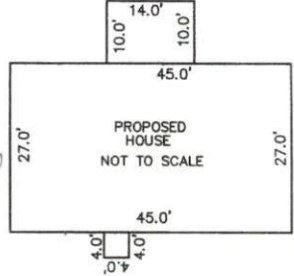
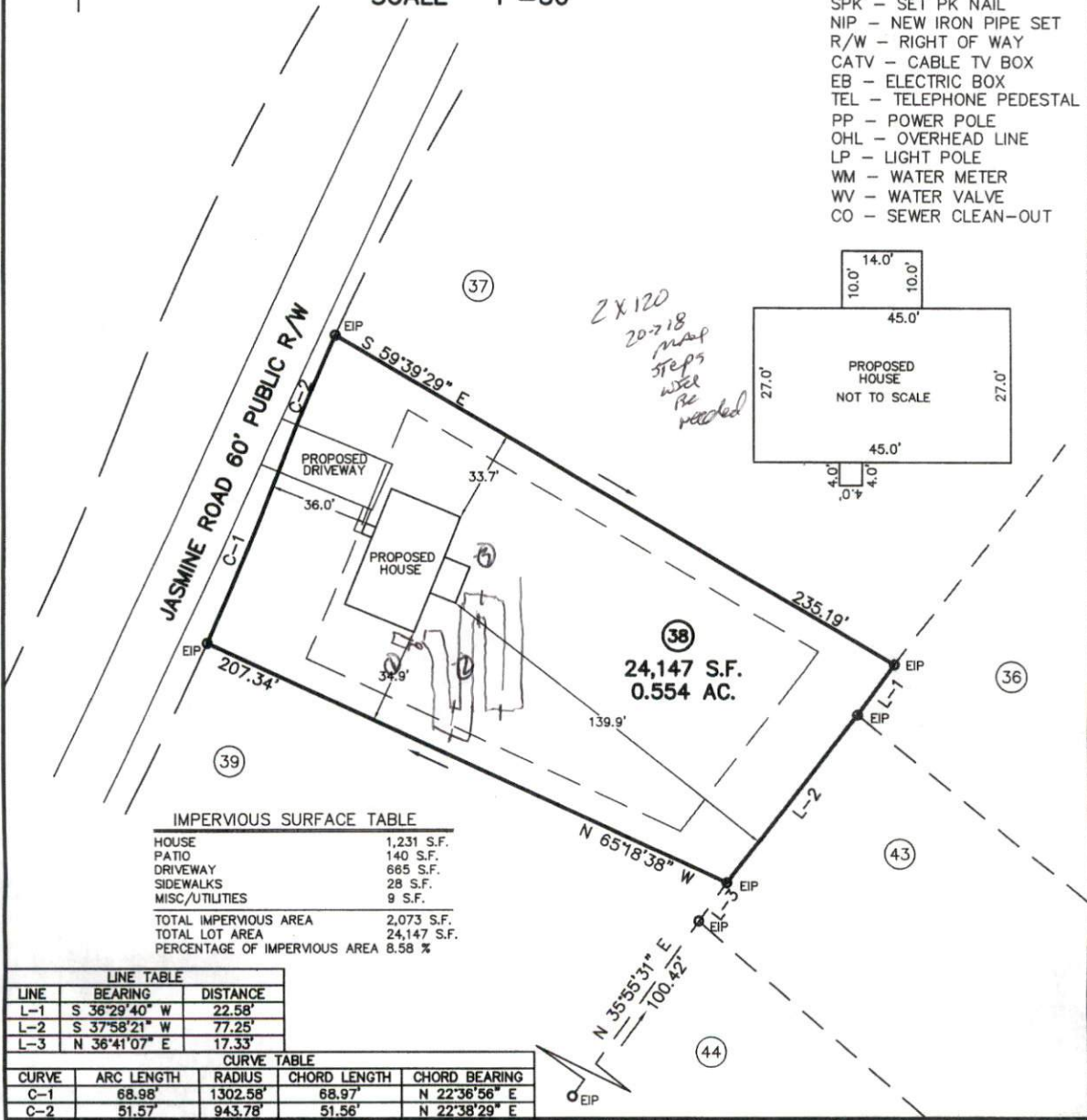


VICINITY MAP

LEGEND:

- EIP - EXISTING IRON PIPE
- EIB - EXISTING IRON BAR
- BEIP - BENT IRON PIPE
- BEIB - BENT IRON BAR
- CM - CONCRETE MONUMENT
- EPK - EXISTING PK NAIL
- SPK - SET PK NAIL
- NIP - NEW IRON PIPE SET
- R/W - RIGHT OF WAY
- CATV - CABLE TV BOX
- EB - ELECTRIC BOX
- TEL - TELEPHONE PEDESTAL
- PP - POWER POLE
- OHL - OVERHEAD LINE
- LP - LIGHT POLE
- WM - WATER METER
- WV - WATER VALVE
- CO - SEWER CLEAN-OUT

ADOPTED FROM B.M. 21, PAGE 52



IMPERVIOUS SURFACE TABLE

HOUSE	1,231 S.F.
PATIO	140 S.F.
DRIVEWAY	665 S.F.
SIDEWALKS	28 S.F.
MISC/UTILITIES	9 S.F.
TOTAL IMPERVIOUS AREA	2,073 S.F.
TOTAL LOT AREA	24,147 S.F.
PERCENTAGE OF IMPERVIOUS AREA	8.58 %

LINE TABLE

LINE	BEARING	DISTANCE
L-1	S 36°29'40" W	22.58'
L-2	S 37°58'21" W	77.25'
L-3	N 36°41'07" E	17.33'

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	CHORD LENGTH	CHORD BEARING
C-1	68.98'	1302.58'	68.97'	N 22°36'56" E
C-2	51.57'	943.78'	51.56'	N 22°38'29" E

Professional Land Surveyors
C-1525
333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

I DECLARE THAT THIS SURVEY COMPLIES WITH THE NORTH CAROLINA STANDARDS OF PRACTICE FOR SURVEYING, (SECTION 1600) FOR CLASS A SURVEYS AND THAT THE CALCULATED RATIO OF PRECISION BEFORE ADJUSTMENTS IS 1:10,000. FURTHERMORE, PROPERTY CORNERS SHOWN ARE PRIMARY CONTROL MONUMENTATION FOR THE RE-ESTABLISHMENT OF PROPERTY CORNERS IN THE ABSENCE OF GRID MONUMENTS AND OTHER SUBDIVISION PROPERTY CORNERS. THIS SURVEY IS NOT TO BE RECORDED WITHOUT THE WRITTEN AUTHORIZATION OF THE SURVEYOR.

[Signature]
8/3/2022
PROFESSIONAL LAND SURVEYOR L-3835