

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

Owner: Applicant: Family Building Company II LLC

Address: 31 Keel boat Ln Date Evaluated:
 Proposed Facility: SFD 39.7x27.3' 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

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	5-6%	0-14	SL	FR, S, NS, NP				PS	
2		14-40	S clay	FI, SBK, S, P	36"	40"+			.3
3									

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: JZ-17L Others Present:
Available Space (.1945)	✓	NOT require	
System Type(s)	PS	50%	
Site LTAR	.3	.3	

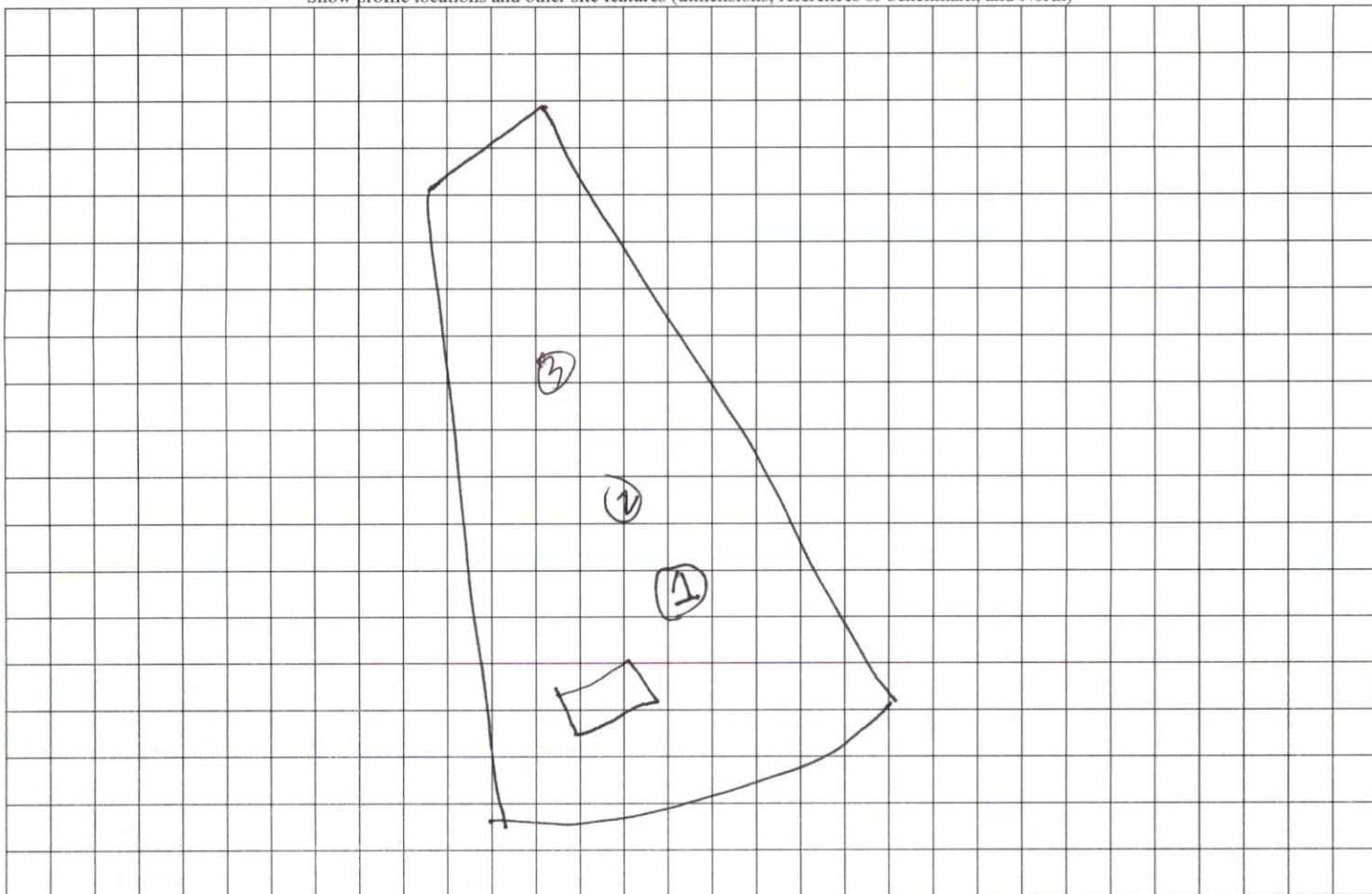
COMMENTS: _____

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

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

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

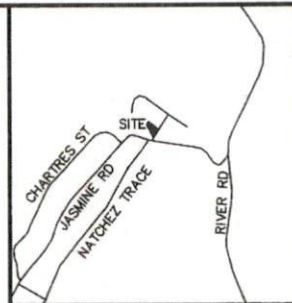
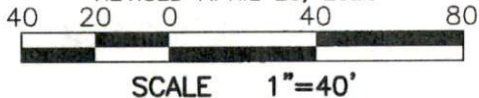
Show profile locations and other site features (dimensions, references or benchmark, and North)



SURVEY FOR
FAMILY BUILDING COMPANY

LOT 28, CAPTAIN'S LANDING SUBDIVISION
KELLBOAT LANE
PIN# 0613-97-9283.000
REF: D.B. 2260, PAGE 693
REF: B.M. 21, PAGE 52
BUCKHORN TOWNSHIP
HARNETT COUNTY, NORTH CAROLINA
APRIL 3, 2023
REVISED APRIL 26, 2023

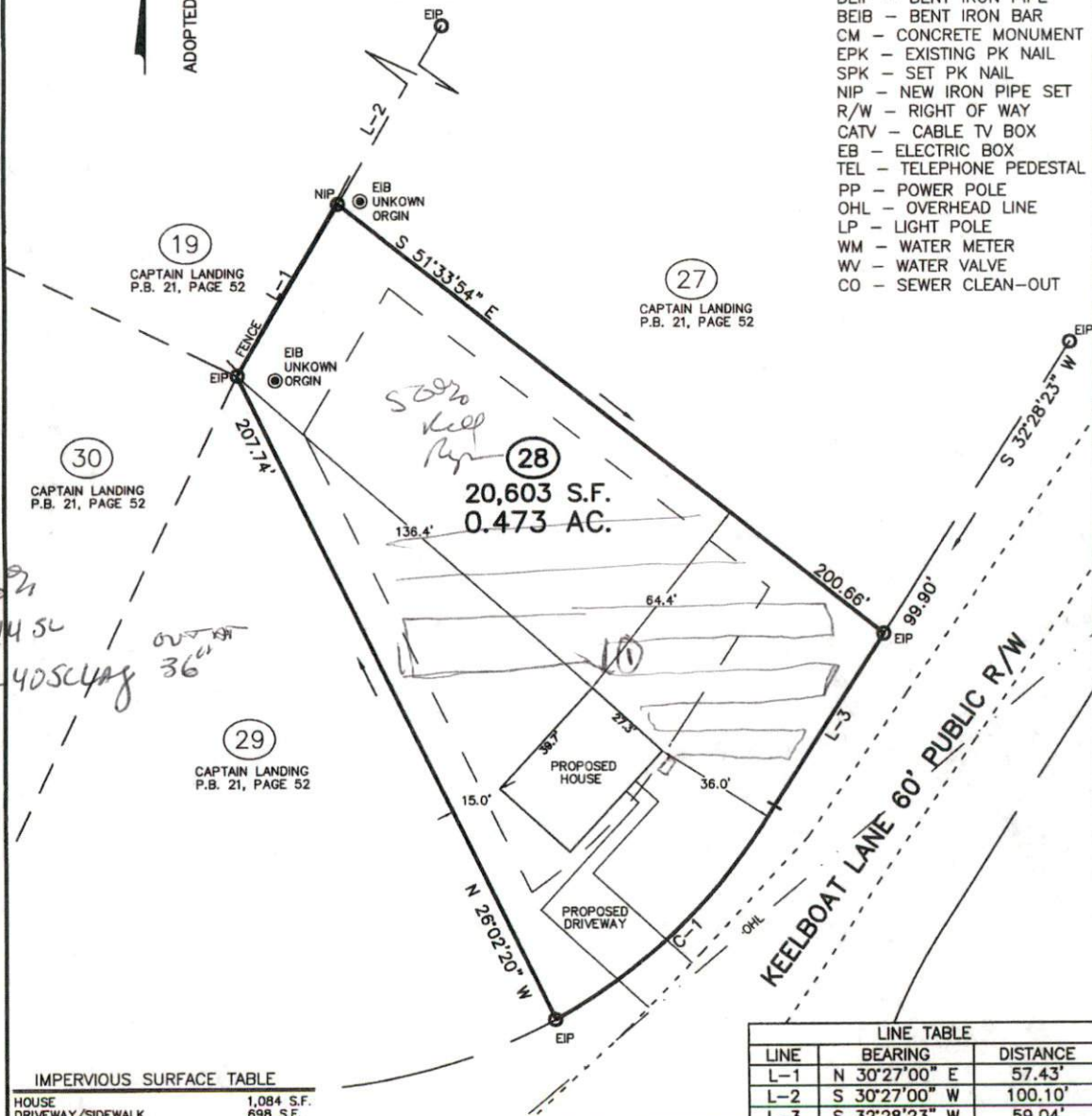
ADOPTED FROM B.M. 21, PAGE 52



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



Handwritten notes:
5-6-21
1- 0-14-54
14-40-54
36"

IMPERVIOUS SURFACE TABLE

HOUSE	1,084 S.F.
DRIVEWAY/SIDEWALK	698 S.F.
MISC./UTILITIES	9 S.F.
TOTAL IMPERVIOUS AREA	1,791 S.F.
TOTAL LOT AREA	19,062 S.F.
PERCENTAGE OF IMPERVIOUS AREA	9.93 %

LINE TABLE

LINE	BEARING	DISTANCE
L-1	N 30°27'00" E	57.43'
L-2	S 30°27'00" W	100.10'
L-3	S 32°28'23" W	59.04'

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	CHORD LENGTH	CHORD BEARING
C-1	89.40'	172.69'	88.40'	S 45°48'56" W

CMP
CAWTHORNE, MOSS
& PANCIERA, P.C.
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
4/26/2023
PROFESSIONAL LAND SURVEYOR L-3835

NORTH CAROLINA
PROFESSIONAL
LAND SURVEYOR
SEAL
L-3835
JASON L. PANCIERA