DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 4
PROPERTY ID #: 4411
COUNTY: Jeaden

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Nelson Foss — APPLICATION DATE 4/12/16
ADDRESS: — DATE EVALUATED: 6/8/16
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480 GPD — PROPERTY SIZE: 1.53 ACRE
LOCATION OF SITE: 106 HIDDEN VALLEY DR. SUL. N/C — PROPERTY RECORDED: —
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other —
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut — TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A 1	LS 15%	0-8	BCL, SBK	FR, SS, SP	/	40"	F-L-M SAP INCL 14"-40"	/	.3 0-15" .325 15"-40"
		8-15	BRC, SBK	" " "					
		15-40	RBCL SBK/ WSBK	" " "					
		40-48	MASS SAP	VFR, SS, SP					
A 2	LS 15%	0-15	RBC, SBK	FR, SS, SP	/	30"	C-M SAP INCL 8"-30"	/	.3 0"-30"
		15-30	RBCL, WSBK/WSBK	FM/VFR, SS, SP					
		30-48	MASS SAP	VFR, SS, SP					
A 3	SS 15%	0-28	BRC, SBK	FR, SS, SP	/	48"	F-L-M SAP INCL 8"-48"	/	.3
		28-48	BRCL, SBK/WSBK/MASS	FR/VFR, SS, SP					
A 4	LS 25%	0-12	BC SBK	FR, SS SP	/	28"	C-M SAP INCL 10"-28"	/	.3 .1 DRIP.
		12-28	BRCL, SBK	" " "					
		28-48	MASS SAP	VFR " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	APPROVED	APPROVED
Site LTAR	.3	.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SC
OTHER(S) PRESENT: —

COMMENTS: —

SOIL/SITE EVALUATION

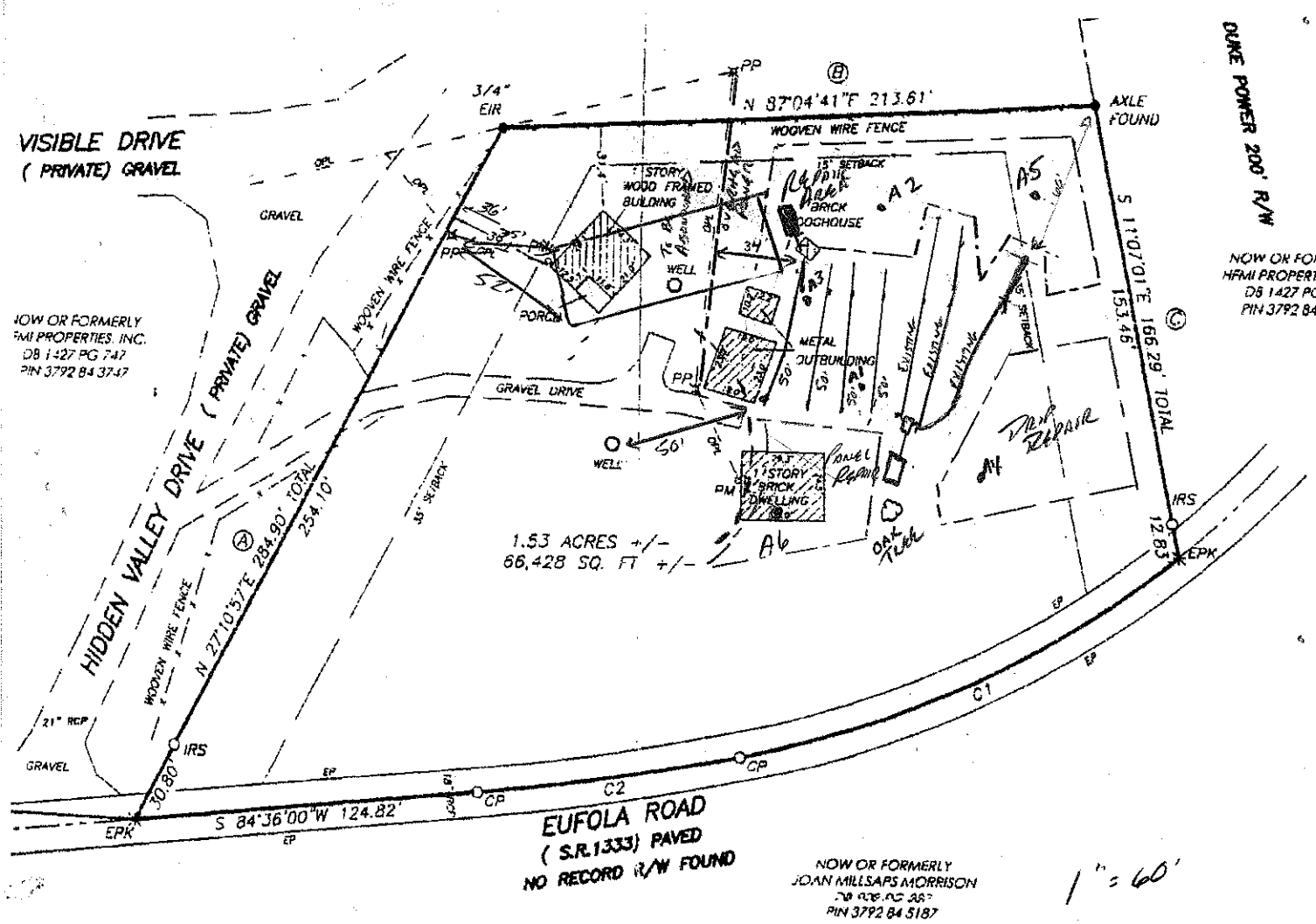
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4411
DATE OF EVALUATION: 6/8/16
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A S	LS 15%	0-35	RBL, SBK	FR, SS SP	/	44"	F C-M SAP INCL 20-"44"	/	.3
		35-44	RBCL, WSBK	" "					
		44-48	MASS SAP	VFR, SS, SP					
A G	CU/LS 15%	0-6	FILL		/	41"	C-M SAP INCL 28-42"	/	.3
		6-31	RL, SBK/WSBK	FR, SS, SP					
		31-42	RCL, SBK/WSBK	" "					
		42-48	MASS SAP	" "					

COMMENTS:



PIP ..... UTILITY OR POWER POLE
OP ..... OVERHEAD POWER LINE
EP ..... EDGE OF PAVEMENT
R/W ..... RIGHT OF WAY
CP ..... CALCULATED POINT
EPK ..... EXISTING PARKER KALON NAIL
ECM ..... EXISTING CONCRETE MONUMENT
PIN ..... PARCEL IDENTIFICATION NUMBER
C/L ..... CENTERLINE
NTS ..... NOT TO SCALE
PK ..... PARKER KALON NAIL
PM ..... POWER METER
RCP ..... REINFORCED CONCRETE PIPE
OPL ..... OVERHEAD POWER LINE
O 1/2" IRS WITH YELLOW CAP
x x ..... FENCE LINE

Soil Notes

Notice

* Property subject to any easements and right of way on record, and all NCDOT easements and rights of way.
* This survey is subject to any facts that may be disclosed by a full and accurate title search.
* This survey plat does not show any unrecorded, written or unwritten easements, dedications or other encumbrances. Such burdens could exist on this property and not appear on this plat. Accordingly, users of this plat are warned to remain alert for the existence of such unrecorded burdens not shown hereon.
* This plat was drawn for the exclusive use of the party named hereon. Said certificates do not extend to any unnamed person without an express recertification by the surveyor naming said person.
* This plat represents an actual field survey that meets or exceeds the minimum requirements of a class C survey in accordance with the Standards of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1600.
* The ratio of precision before any adjustments is 1: 28,189
* Area determined by coordinate computations.
* There are no NCGS Horizontal Monuments within 2,000' of this surv

ZONING

Zoning for subject property: RA
Zoning for adjoining property: RA

Setbacks for subject property
Front – 35 feet
Sides – 15 feet
Rear – 35 feet
Maximum building height – 35 feet

The subject property is not located within a special Flood Hazard Area according to Flood Insurance Rate Map – Community Panel #3710472200 J
Effective Date: March 18, 2008

NORTH CAROLINA PROFESSIONAL SEAL L-3175 LAND SURVEYOR TED M. BENBOW

TED M. BENBOW NC PLS L-3175

TED BENBOW LAND SURVEYING 20TH ANNIVERSARY

TED BENBOW Land Surveying