DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

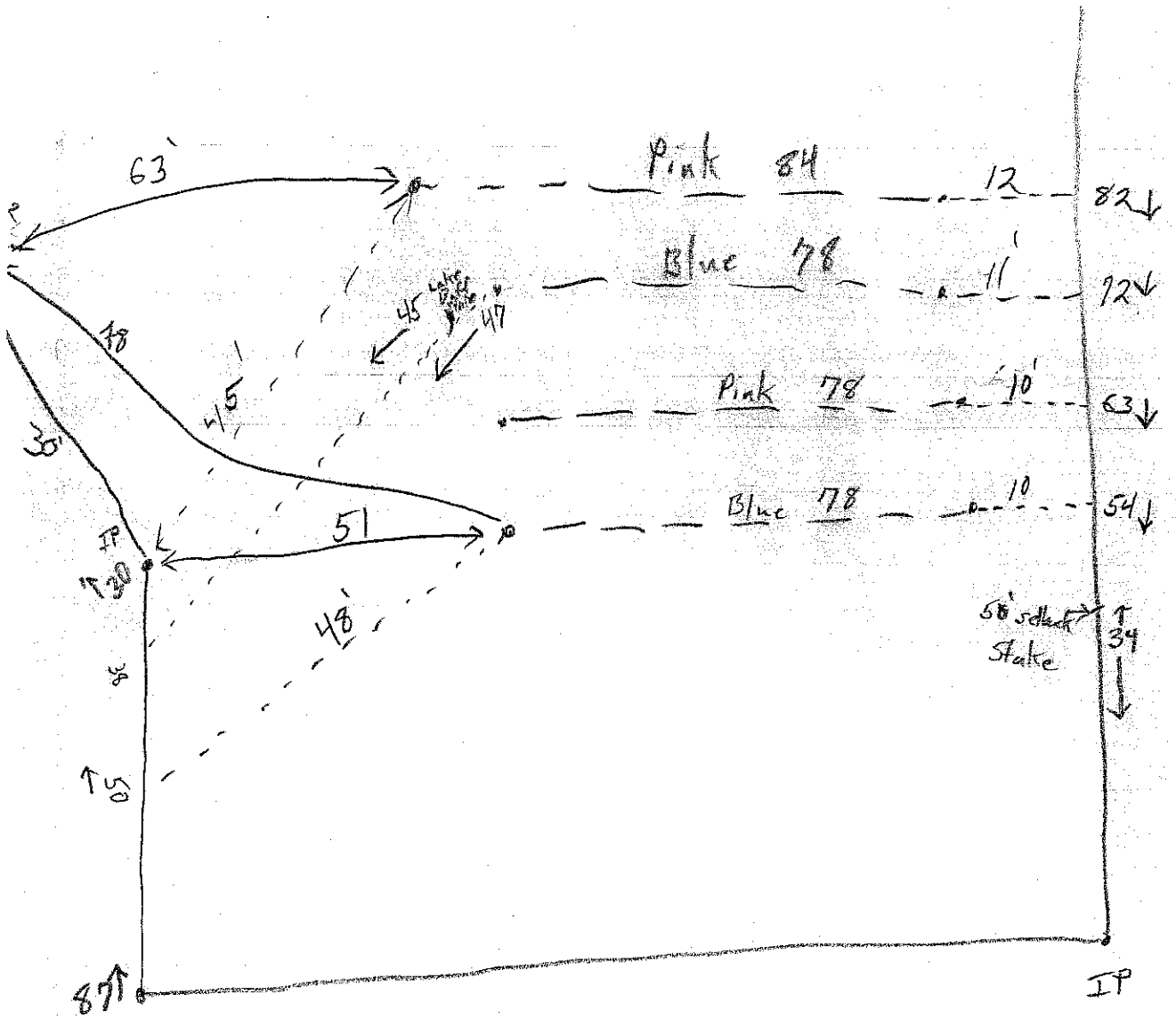
OWNER: Freida, Riely — APPLICATION DATE: 3-23-16
ADDRESS: 181 Washam Rd Mooresville, NC — DATE EVALUATED: 4-14-16
PROPOSED FACILITY: 3BR House — PROPOSED DESIGN FLOW (.1949): 360 gal/day — PROPERTY SIZE: _____
LOCATION OF SITE: 181 Washam Rd — PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ 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
1	Linear Sideslope	0-9"	Clay Loam v. weak SBK	Slightly Firm, Sticky, Sp, Sop	—	49"	—	—	0.3 PS
		9-49"	Clay → Clay Loam weak SBK	Slightly Firm, Sticky, Sp, Sop					
			w/ some SAP inclusions from 38"-49" [mostly mica]						
2	Linear Sideslope	0-15"	Clay Loam v. weak SBK	Slightly Firm, Sticky, Sp, Sop	—	49	—	—	0.3 PS
		15-32	Clay weak SBK	Slightly Firm, Sticky, Sp, Sop					
		32-49"	Clay Loam weak SBK	Slightly Friable, Sp, Sp, Sop					
3									L1 = 84 L2 = 78 L3 = 78 L4 = 78
4									

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

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

COMMENTS: _____


63'
Pink 84
12
82
Blue 78
11
72
45
49
45'
48'
Pink 78
10'
63
Blue 78
10
54
51
IP
130'
48'
50'
50'
65' setback
Stake
34'
87'
IP

Lake
Norman