DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Hewett Prop. Inc APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 2-23-05
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480 gpd PROPERTY SIZE: ___
LOCATION OF SITE: Lot 42 Foggy Crossing PROPERTY RECORDED: ___
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	2 (3) 0 S/L	0-8	wk sbk sdl	frssp					o 3
		8-42	sbk c	frsssp sspp					
		42-48	sbk cl	frsssp					
2		0-2	sd	fr					o 3
		2-37	sbk rc/cl	frssp sspp					
		37-55	wk sbk-massive c/l sspp	frssp few wthrd rock					
3		0-7	wk sbk sdl	frssp					o 3
		7-40	sbk c	frssp	few wthrd rock				
		40-52	wk sbk cl	frsssp	few wthrd sspp & w. rock				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Pln 25% Red	LPPBPS
Site LTAR	o 3	o 3

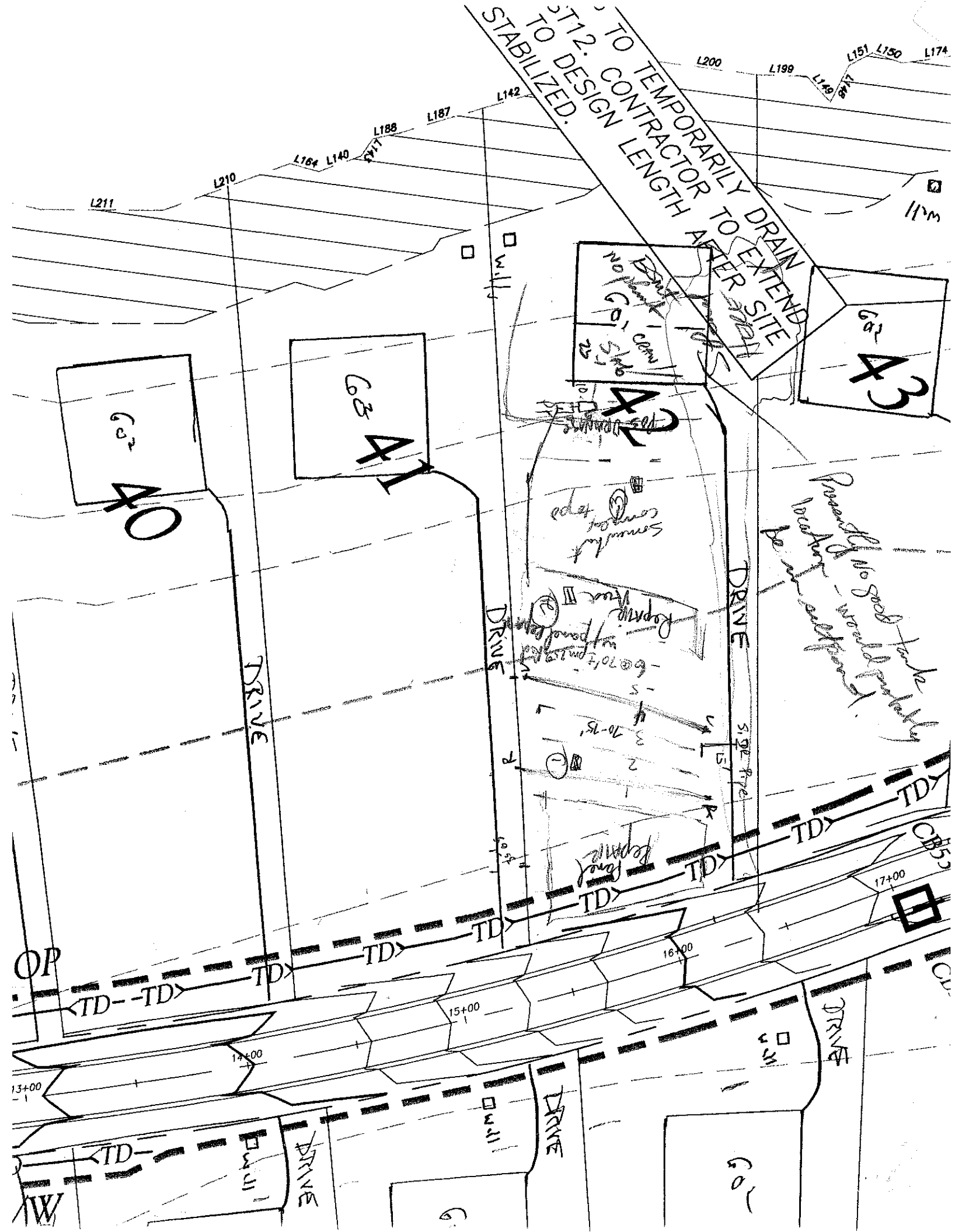
OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: DM
OTHER(S) PRESENT: Kathleen J RS

IREDELL COUNTY SOIL/SITE EVALUATION

OWNER	TITAN		GPD	480		LOT SIZE	.965 AC	
APPLICANT	ROGER HAND		P. FACILITY	SFR		RECORDED		Y
ADDRESS								
SUBDIVISION	BAY CROSSING			SECTION	2		LOT #	42
WATER SUPPLY		PUBLIC	X INDIVIDUAL	X WELL	SPRING	OTHER		

PROFILE LANSCAPE POSITION SLOPE	H. DEPTH	MORPHOLOGY STRUCTURE TEXTURE	MORPHOLOGY CONSISTENCE MINEROLOGY	PROFILE FACTORS WETNESS COLOR	SOIL DEPTH	SAP CLASS	REST. HORIZON	LTAR
PIT 1	0-8	SCL,W,SBK	SS,SP,FR	NA	48"	NA	48+	0.30
	8-42	C,SBK	SS,SP,SEXP,FR					
LINEAR	42-48	CL,SBK	SS,SP,FR					
12-13%								
PIT 2	0-2	SCL	FR	NA	55"	FEW INC OF ROCK @ 37"	55+	0.30
	2-37	C/CL,SBK	SS,SP,SEXP,FR					
LINEAR	37-55	C/LSAP,WKSBK,M	SS,SP,FR					
12-13%								
PIT 3	0-7	SCL,WK,SBK	SS,SP,FR	NA	52"	FEW ROCK @7" & FEW SAP @40"	52+	0.30
	7-40	C,SBK	SS,SP,FR					
LINEAR	40-52	CL,WK,SBK	SS,SP,FR					
12-13%								

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS	TYPED BY BA
AVAILABLE SPACE	S	S	SOIL EVALUATION BY	DAVID HINSON
SYSTEM TYPE	PM 25% RED	LP PANELBLOCK	SITE EVALUATION BY	DAVID HINSON
SITE LTAR	0.3	0.3	OTHERS PRESENT	KATHLEEN (S&ME)


TO TEMPORARILY DRAIN
CONTRACTOR TO EXTEND
DESIGN LENGTH AFTER SITE
STABILIZED.
L211
L210
L164
L140
L188
L187
L142
L200
L199
L151
L150
L174
41
42
43
40
DRIVE
DRIVE
DRIVE
DRIVE
TD
TD
TD
TD
TD
TD
TD
TD
TD
17+00
16+00
15+00
14+00
13+00
OP
CB5
DRIVE