DEPARTMENT OF ENVIRONMENT 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: Gra-Con Luxury Homes _____ APPLICATION DATE 8/22/05
ADDRESS: PO Box 62 Sherrills Ford NC, 28673 _____ DATE EVALUATED: 8/05
PROPOSED FACILITY: RES _____ PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: .55ac
LOCATION OF SITE: Fairhaven lot 4 _____ PROPERTY RECORDED: Y

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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Linear 5-10%	0-14	FILL		N/A	60	N/A	N/A	PS .3GPD/FTSQ
		14-16	BSCL GR	FRI SS SP SEXP					
		16-32	RC MRSBK	FRI SS SP SEXP					
		32-60	RSCL/CL WSBK	FRI SS SP SEXP					
				COMMON SAP					
2	Linear 5-10%	0-12	FILL		N/A	48	PS	N/A	PS .3GPD/FTSQ
		12-14	BSCL GR	FRI SS SP SEXP					
		14-35	RC MRSBK	FRI SS SP SEXP					
		35-48	RCL WSBK	FRI SS SP SEXP					
		48-66	SL SAP MASS	FRI SS SP SEXP					
3	Linear 5-10%	0-5	FILL		N/A	51	PS	N/A	PS .3GPD/FTSQ
		5-11	BSCL GR	FRI SS SP SEXP					
		11-23	RC MFSBK	FRI SS SP SEXP					
		23-51	RCL WSBK	FRI SS SP SEXP					
		51-58	SL SAP MASS						
4	Linear 5-10%	0-5	BSCL GR	FRI SS SP SEXP	N/A	51	PS	N/A	PS .3GPD/FTSQ
		5-36	RC/CL MRSBK	FRI SS SP SEXP					
		36-51	RCL WSBK	FRI SS SP SEXP					
		51-58	SL SAP MASS	FRI SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	945 SQFT	675 SQFT
System Type(s)	25% RED.	LP PPBPS
Site LTAR	.3GPD/FTSQ	.3GPD/FTSQ

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ROLLANS SOIL AND ENVIRONMENTAL SERVICES
OTHER(S) PRESENT: _____

COMMENTS:

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

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

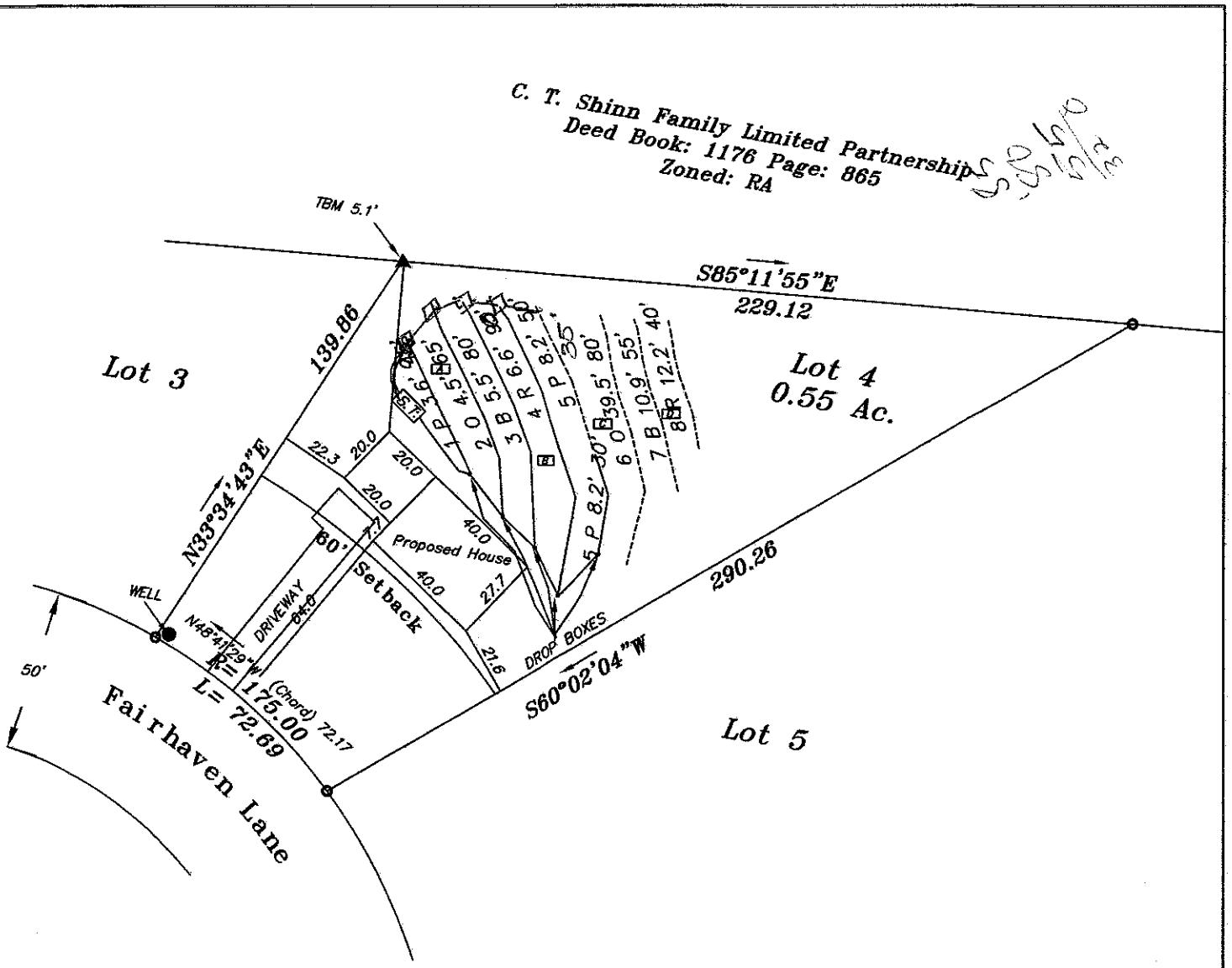
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Gra-Con APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 8/25/05
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: ___
LOCATION OF SITE: Fairhaven Lot #4 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
1	Pit A	0-13"	Fill						PS .3
		12"-15"	Bw, SCL	GR, FR, SS, SP, SE					
		15"-32"	R to R Bw	C m-w SBK	FR, SS, SP, SE				
		32-54"	R to R Bw	C w/SBK	SS, SP, SE, FR w/ Few				
			to many	SAP/ Inclus & Common Mica Flakes					
2	Pit B		Some standing water at bottom						
3									
4									

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___
OTHER(S) PRESENT: ___



LEGEND

- Pit Locations.
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM)
- Well Location.

GRAPHIC SCALE
1" = 50'

50 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNTULLA, NC 28125
PHONE/FAX: (704) 278 - 0589
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANSFORTCJ@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: GIN-CON LUXURY HOMES / FAIRHAVEN

LOCATION/DATE: FAIRHAVEN DRIVE, IREDELL COUNTY, NORTH CAROLINA, AUGUST 2005

JOB # : 01-1128
FILE: C:\JOBS\01-1128
PROJECT MGR.: S.A.R.
FIELD WORK: B.F. & A.P.
DRAWN BY: S.A.R. & B.F.