

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

Owner: *Ballard Woods*

Applicant: *Format, Inc*

Address:

Date Evaluated: *5-22-06*

Proposed Facility:

Design Flow (.1949): *360gpd 3bedroom*

Property Size: *574ac*

Location of Site: *Ruth Circle*

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 Minerology	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS	0-6	LS gr	ns, np, vfr					.3 PS
		6-16	C sbk	ss, sp, fi					
		16+	PM						
2		0-6	LS gr	ns np vfr					.3 PS
		6-24	C sbk	ss, sp, fi					
		24+	PM						
3		0-8	LS, gr	ns np vfr					.3 PS
		8-10	CL sbk	ss sp fi					
		10-30	CL sbk	ss, sp, fi					
		30+	PM						
4		0-9	LS, gr	ns np vfr					.3 PS
		9-28	CL sbk	ss, sp, fi					
		28+	PM						
5		0-6	LS gr	ns np vfr					.3 PS
		6-36	CL sbk	s sp fi					
		36	PM						

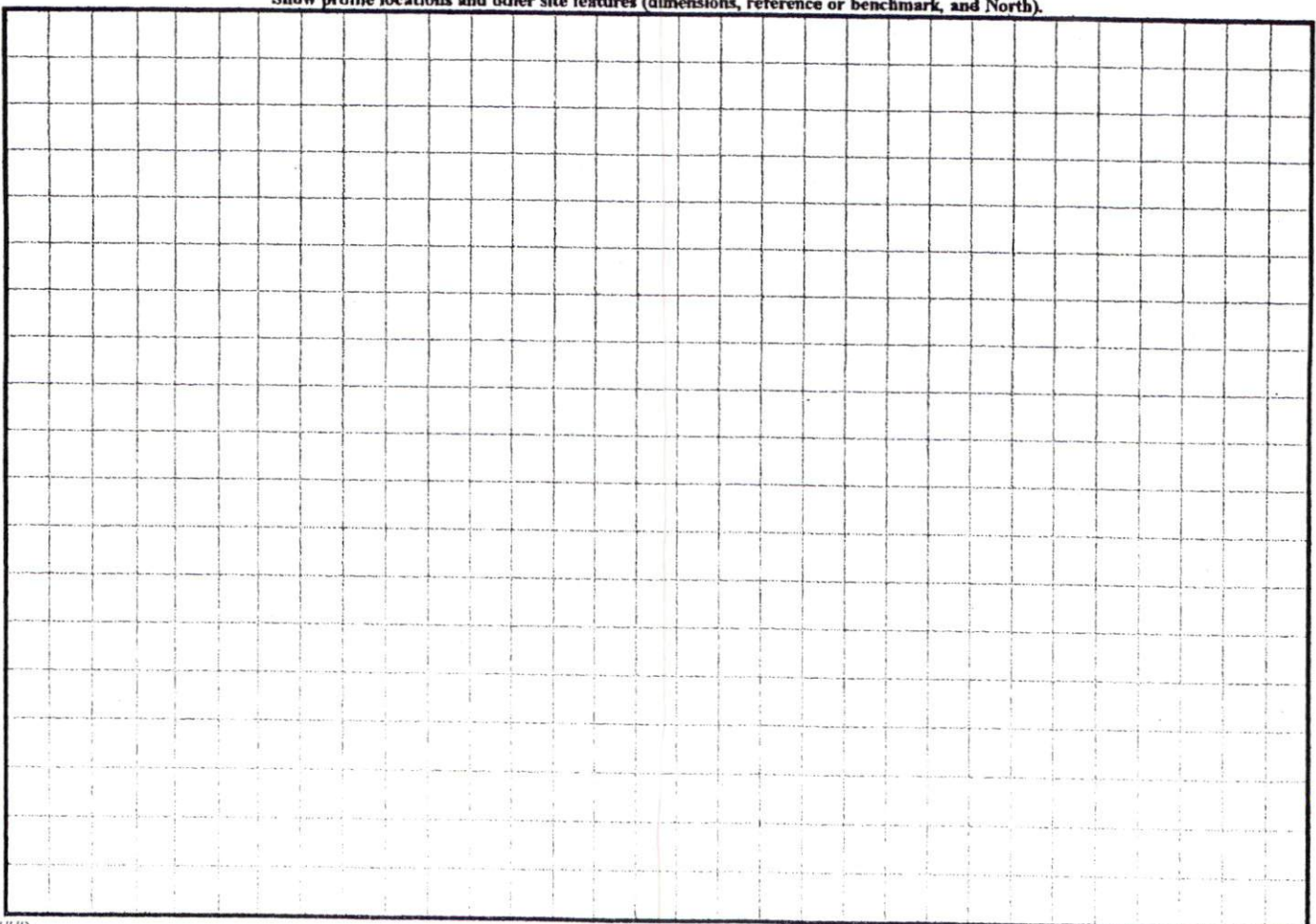
Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	<i>25% rd</i>	<i>IPP</i>
Site LTAR	<i>.3</i>	<i>.3</i>

Other Factors (.1946): _____
 Site Classification (.1948): *PS*
 Evaluated By: *OT*
 Others Present: *OT*

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE					
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
N-NOSE SLOPE		L-LOAM			
H-HEAD SLOPE	III	SI-SILT-	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			
CV-CONVEX SLOPE		CL-CLAY LOAM			
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		P-PLASTIC VP-VERY PLASTIC
		C-CLAY			
		SC-SANDY CLAY			
<u>STRUCTURE</u>		<u>MINERALOGY</u>			
SG-SINGLE GRAIN		SLIGHTLY EXPANSIVE			
M-MASSIVE					
CR-CRUMB		EXPANSIVE			
GR-GRANULAR					
SBK-SUBANGULAR BLOCKY					
ABK-ANGULAR BLOCKY					
PL-PLATY					
PR-PRISMATIC					

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



VICINITY MAP
 (NTS)

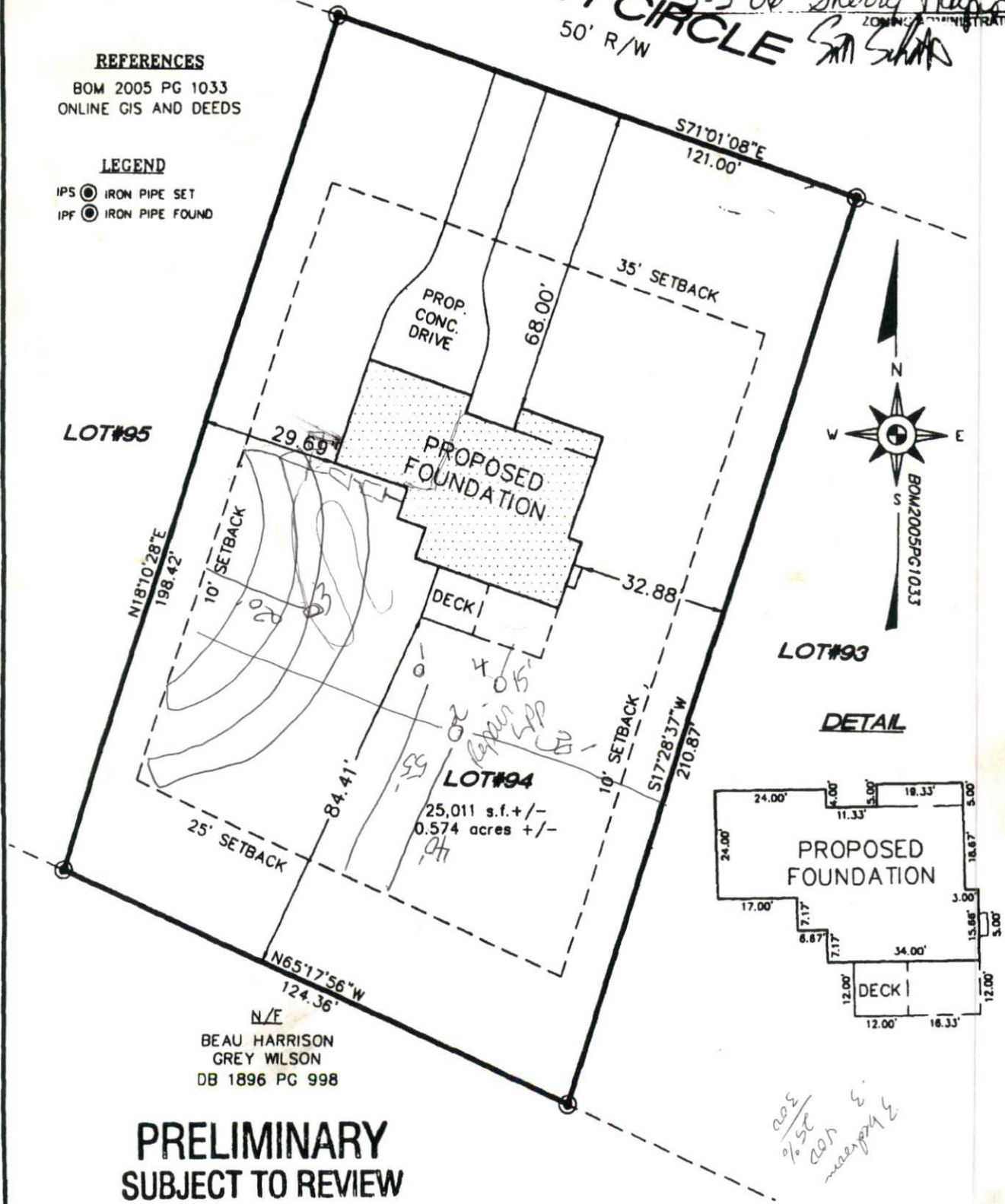
DISTRICT RA 30 USE SFD

#BEDROOMS 3

RUTH CIRCLE 50' R/W
 5-5-06 Sherry Rainey
 ZONING ADMINISTRATOR

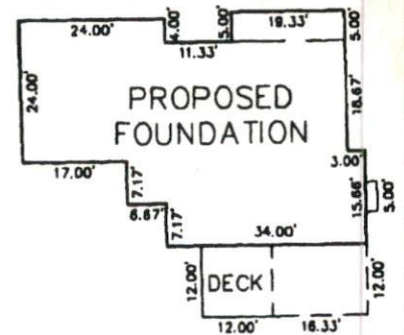
REFERENCES
 BOM 2005 PG 1033
 ONLINE GIS AND DEEDS

LEGEND
 IPS (●) IRON PIPE SET
 IPF (●) IRON PIPE FOUND



LOT#93

DETAIL



Handwritten notes:
 205
 1050
 205
 205
 1050

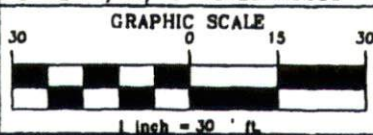
PRELIMINARY
 SUBJECT TO REVIEW

PRELIMINARY PLOT PLAN

KSA
 Krause Surveying Associates, Inc.

5533 HWY 42 WEST
 SUITE A-4 UNIT 6
 Garner, N.C. 27529
 (919)-661-4090

DRAWN BY: MWK CHECKED BY: JEM
 REVISED: 4/28/06 MOVED HOUSE



Formatt Inc.

Lot#94 Phase Three
 Ballard Woods Subdivision

Hector's Creek Township HARNETT COUNTY, N.C.

APRIL 12, 2006

SCALE: 1" = 30'