

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

Owner: *see FH*
 Address:
 Proposed Facility:
 Design Flow (.1949): *360*
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant:
 Date Evaluated:
 Property Size:
 Property Recorded:
 Spring Other
 Cut
 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 Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
#1		0-18	LS	CR FM	2.5Y 8/8				.3 to .25 ↑
		18-22	SCL	GR FR	5Y 7/8				
		22-30	SC	VFI SDR	CR 2C 28" 5Y 4/4	28"	Nu		
		30-36	exp SC	VFI SDR	2.5Y 8/8				
#2		0-24	LS	GR FR	2.5Y 8/8				
	#4	24-30	SC	VFI SDR	5Y 7/8				
		30-36	exp SC	EFI SDR	CR 2C 30" 5Y 4/4	30"			
#3		0-18	LS	CR FM	2.5Y 8/8				
		18-24	SCL	GR FR	5Y 7/8				
		24-36	SC	VFI SDR	CR 2C 30" 5Y 4/4	30"			
#5		0-12	LS	CR FM	2.5Y 8/8				
	#6	12-24	SCL	GR FM	5Y 7/8				
		24-36	SC	VFI SDR	CR 2C 28" 5Y 4/4	28"			
P r o p r i e t y # 7/1/19 x10		0-12	LS	CR FM	2.5Y 8/8				
		12-24	SCL	GR FM	5Y 7/8				
		24-36	SC	VFI SDR	CR 2C 28" 5Y 4/4	28"			

Description	Initial System	Repair System
Available Space (.1945)	411	411
System Type(s)	Gravel	manhole LPP
Site LTAR	0275	013

Other Factors (.1946):
 Site Classification (.1948): *US/ Revised to P1 for A1 Grade*
 Evaluated By: *Jon W*
 Others Present:

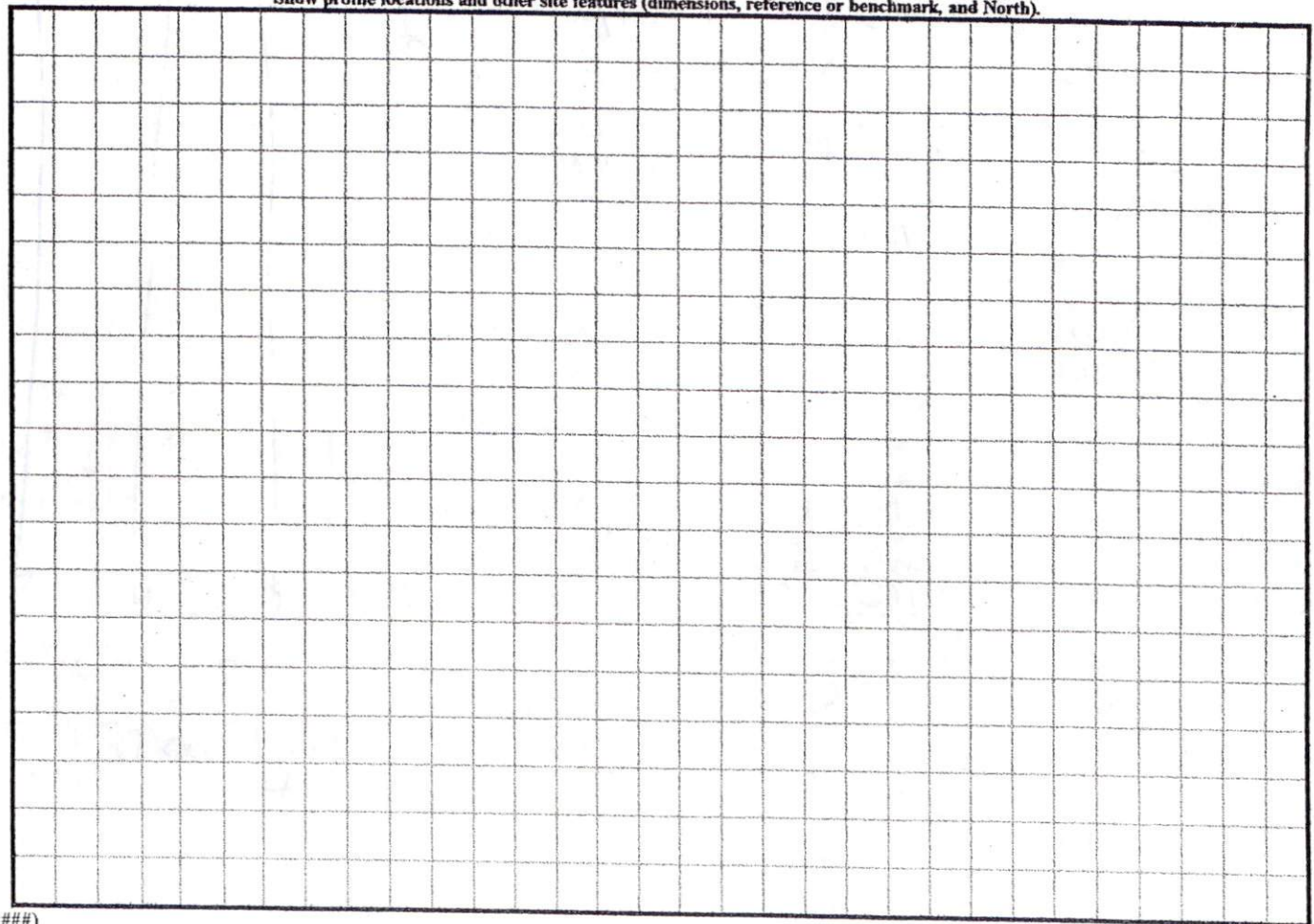
COMMENTS: _____

<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	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE					
H-HEAD SLOPE	III	SI-SILT-	0.6 - 0.3	FI-FIRM	S-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	VFI-VERY FIRM	VS-VERY STICKY
		C-CLAY			
		SC-SANDY CLAY			
				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
					SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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



(#####)

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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Lillington, NC 27546

Phone (910) 893-8743 / Fax (910) 893-3594

E-mail: halowen@intrstar.net

20 August, 2003

Mrs. Claudia Pace
212 High Ridge Drive, Apt. E
Sanford, NC 27330

Reference: Preliminary Soil Investigation
Claudia C. Pace Property (1.45 acres)

Dear Mrs. Pace,

A preliminary soil investigation has been conducted at the above referenced property, located on an easement road on the eastern side of NC Hwy 87, Barbecue Township, Harnett County, North Carolina. The purpose of the investigation was to determine the property's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that an individual septic system and public water supply will be utilized at this site.

A significant portion of this lot was observed to be underlain by provisionally suitable soils for modified or alternative subsurface sewage waste disposal systems. These soils were observed to be firm sandy clays to greater than 24 inches and appear adequate to support a long-term acceptance rate of 0.25 to 0.3 gal/day/sqft. It appears that the soils on this lot are adequate to support a shallow conventional septic system and repair area for one residence.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Hal Owen
Licensed Soil Scientist



PRIVATE USE AS NOTED, AND ALL REGISTRATION JURISDICTION OF
 WITHIN THE SUBDIVISION REGISTRY OF HARNETT COUNTY EXCEPT;

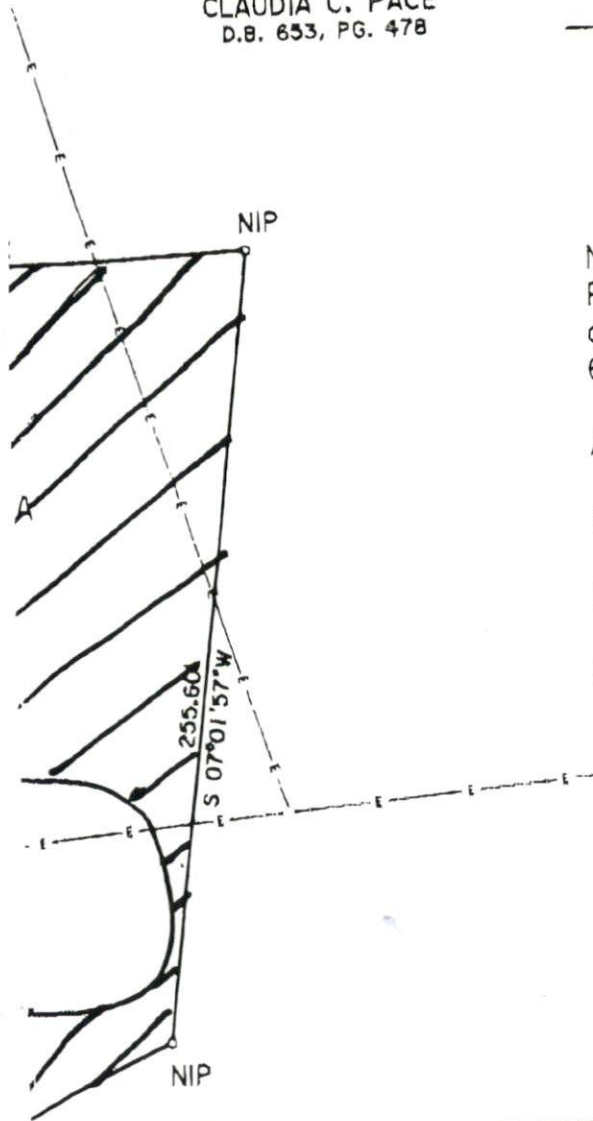
NOTE: NO MORE THAN 6 LOTS ARE
 CREATED ON AN EASEMENT

TAX PARCEL ID NUMBER _____
 OWNER _____
 OWNER _____

H.T. PACE
 CLAUDIA C. PACE
 D.B. 653, PG. 478

I HEREBY CERTIFY THAT THIS RECORD PLAT COMPLIES WITH
 THE SUBDIVISION REGULATIONS OF HARNETT COUNTY, N.C.
 AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN
 THE REGISTER OF DEEDS IN HARNETT COUNTY.

DATE _____ COUNTY PLANNER _____



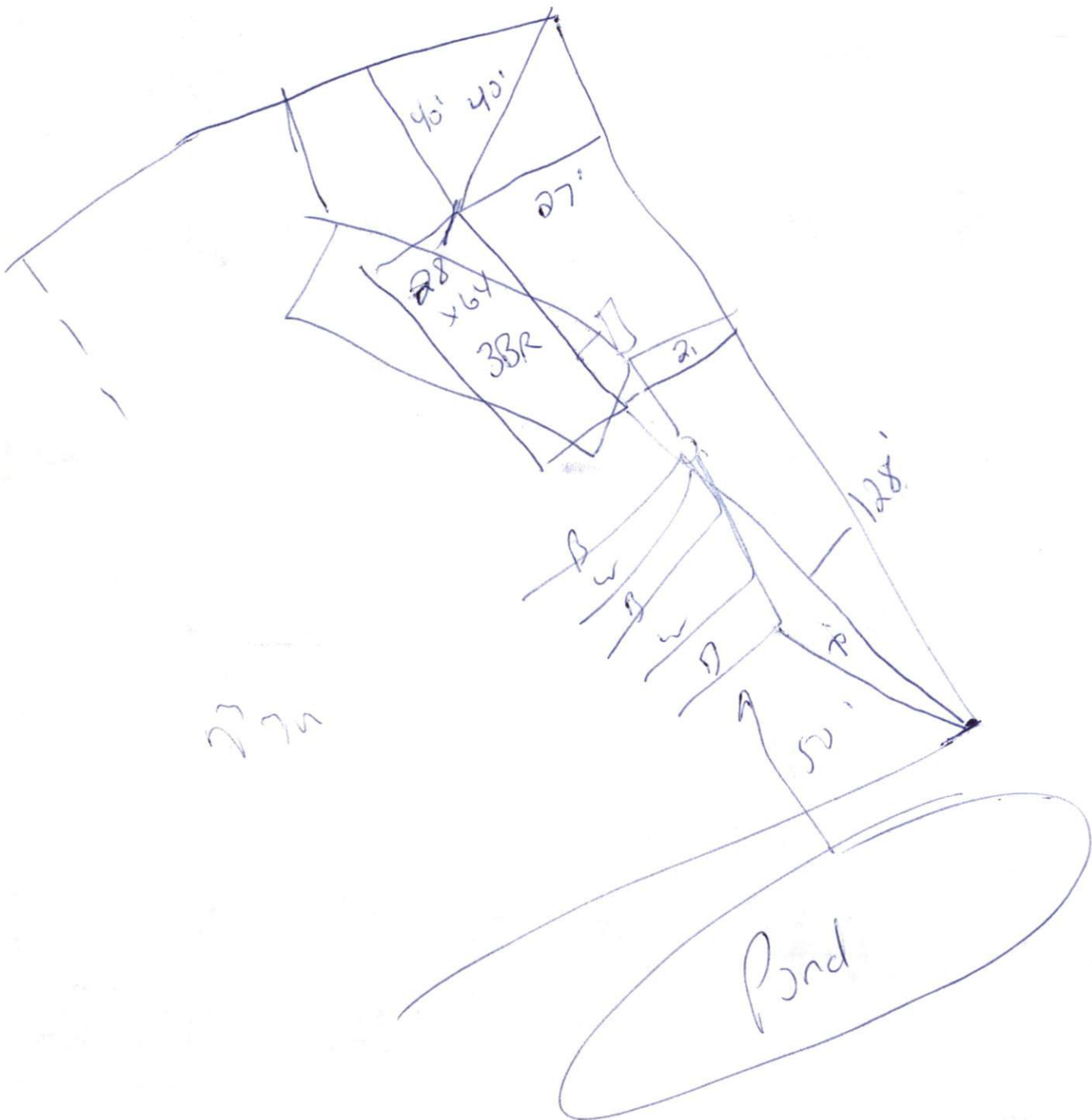
NOTES:
 PROPERTY CONSIST OF A PORTION OF THE H.T. PACE
 and CLAUDIA C. PACE PROPERTY AS RECORDED IN D.B.
 653, PG. 478 HARNETT COUNTY REGISTRY.

ALL AREAS BY COORDINATE METHOD
 PROPERTY ZONED RA-20R
 PARCEL ID # 039568 0002
 PIN # 9568-77-4380.000
 PROPERTY NOT IN A WATERSHED
 COUNTY WATER LINES RUN ALONG NC HWY 87
MINIMUM BUILDING SETBACKS
 FRONT - 35'
 SIDELINES - 10'
 REAR - 25'

THIS PROPERTY IS NOT IN A SPECIAL
 FLOOD HAZARD AREA ACCORDING TO
 MAP NUMBER: 37085C0075 D
 OF THE FEDERAL EMERGENCY MANAGEMENT
 AGENCY. EFF. DATE: APRIL 16, 1990

NORTH CAROLINA, HARNETT COUNTY
 PRESENTED FOR REGISTRATION ON THE _____ DAY
 OF _____ 20____ AT _____ M.
 RECORDED AT MAP NUMBER _____
 REGISTER OF DEEDS - ASS'T. DEPUTY

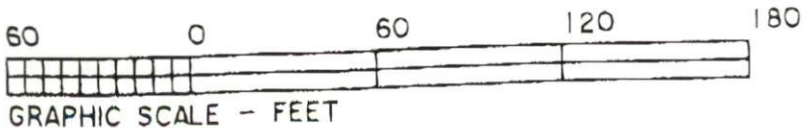
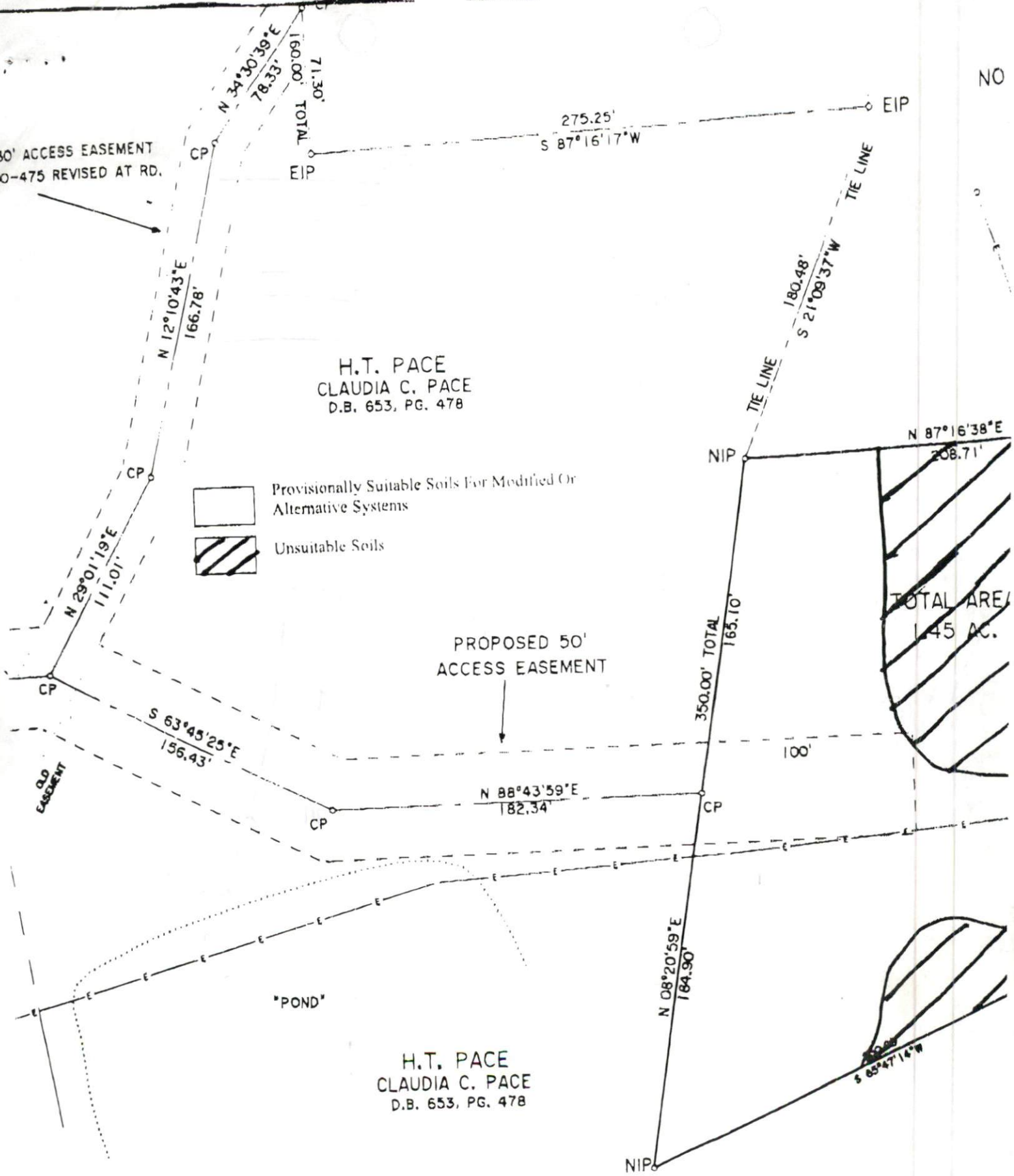
TOWNSHIP BARBECUE	COUNTY HARNETT	STATE NC
(OWNER) SURVEY FOR CLAUDIA C. PACE 212 HIGH RIDGE DR. APT. E SANFORD, NC 27330		DATE: 07/30/20
		SCALE: 1" = 60'
		PROJECT: 6703
MELVIN A. GRAHAM, PLS. 3679 NICHOLSON ROAD CAMERON, NC 28326		REVISION:



777n

NO

30' ACCESS EASEMENT
30-475 REVISED AT RD.



(OWNER)
H.T. PACE
P.O. BOX 132
OLIVIA, NC 28368

~~90~~
~~410~~
 90
 410

5x9
 10' x 16'

Blu 90
CLA
Blu
CLA
Blu

