

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
361 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Anniston 113, 146 Timberside Dr.
House Footprint: See Attached
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Pressure manifold
Flow per Tap: 7.11 GPM
Tap Size & Material: ½" SCH 40
System Flow: 28.44 GPM
Dosing Volume: 175 gallons
Pump Run Time: 6.2 minutes
Elevation Head: 13.0'
Friction Head: 1.1'
Pressure Head: 2'
Total Dynamic Head: 16.1'
Supply Line Length: 60'
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 24-36"

APPROVED JUL 08 2015

Line	Design Length	Actual Length	Elevation
White 1		43'	3.6'
Blue 2		61'	4.4'
Orange 3		81'	5.2'
White 4	**100'**	**102'**	**6.2'**
Pink 5	**100'**	**118'**	**7.1'**
Blue 6	**100'**	**103'**	**8.2'**
Orange 7	**100'**	**100'**	**9.2'**
Pink 8		95'	10.3'
White 9		73'	11.4'

Initial System: 400' **Repair System:** 353'
Pump Tank: 14.2' **House Corner:** 14.0' **Benchmark:** 11.4'

Comments:
This property has been permitted multiple times. The purpose of this evaluation was to change the system to a 25% reduction system. The soil area has been previously permitted.

C18
C19
C21
C20
S67°00'00"E
67.68'
Temporary Cul-De-Sac
N73°10'53"E 250.00'
35' FS
35' RS
Lot #114
0.754 Acres
32,825 Sq.Ft.
Lot #113
0.754 Acres
32,995 Sq.Ft.
House
Deck
Shed
Well
Top of Cut
S84°58'06"W
250.00'
S83°14'41"E
247.82'
158.95'
S01°37'49"W
159.15'
S10°55'31"E
341.38'
S01°44'04"W 412.55' Total
Scale 1"=40'
N
APPROVED JUL 08 2015

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

Sheet 1 of 1
PROPERTY ID #: Lot# 113
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

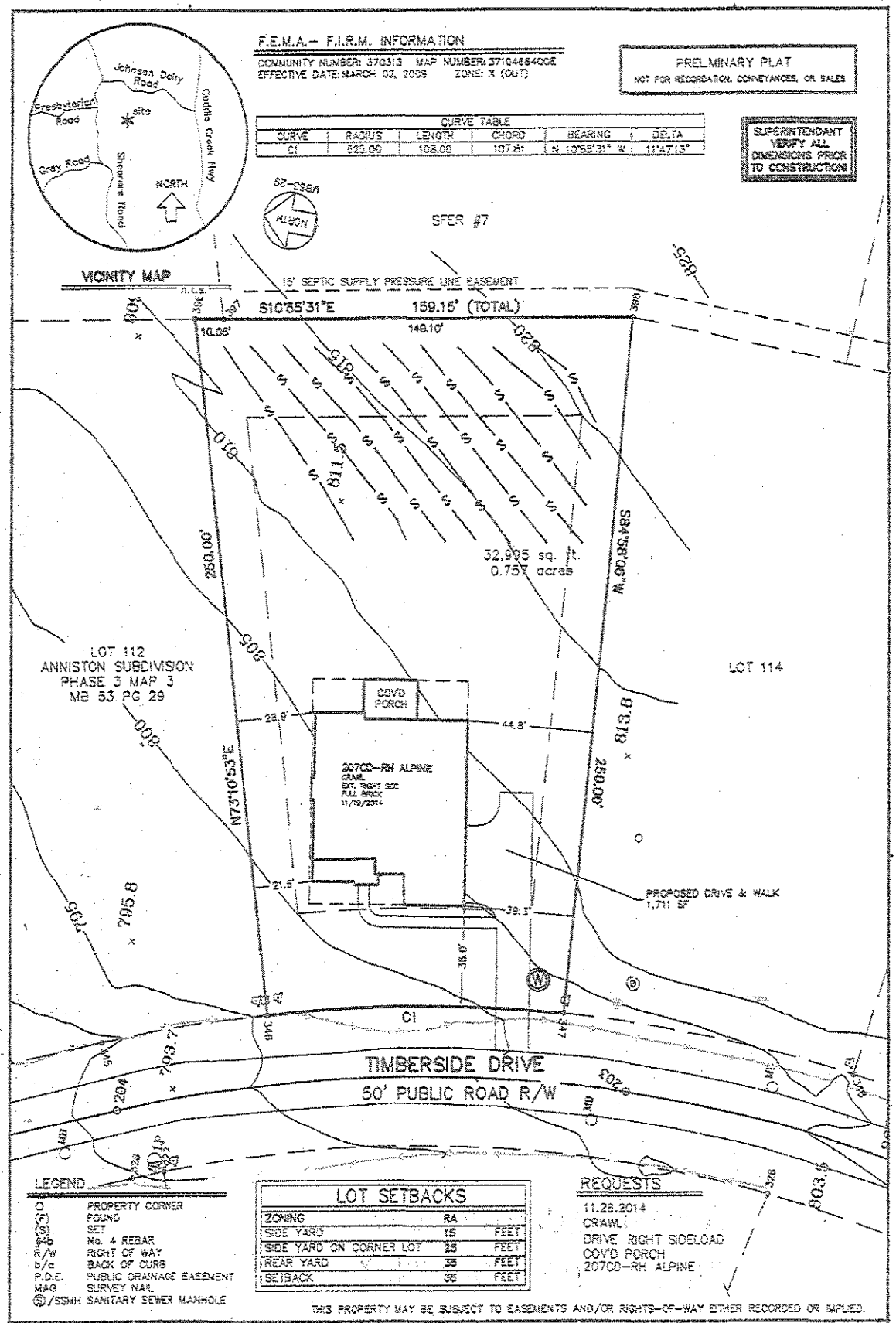
OWNER: Anniston, LLC APPLICATION DATE 10/6/06
ADDRESS: Anniston Phase 3 DATE EVALUATED: 8/06
PROPOSED FACILITY: 5-bedroom PROPOSED DESIGN FLOW (.1949): 600gpd PROPERTY SIZE: ac
LOCATION OF SITE: Shearer's Road, Lt. on Anniston Way, Lt. Timberside Dr. PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☐ 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)		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	
P 113A	LSS 0-5%	0-55	RBC WFABk	Fr SS,SP, SEXP	few Mn	55"	—	—	PS 0.275
(2)		0-8	wk mod bk cL	fr SSSP					.3
		8-22	wk sbk C	fr SSSP SEP					
		22-32	wk sbk cL	fr SSP w/common SP					
		32-53	massive LSAP	fr SSP friable cL					
(3)		0-20	m wk mod bk cL	fr SSSP SEP			L		.3
		20-32	wk sbk cL to SAP	fr SSSP					
		32-55	massive LSAP	fr SSP friable cL					
(4)	11% SP	0-10	wk sbk mod cL	fr SSSP					-3
		10-18	m wk mod bk C	fr SSSP SEP			L		
		18-29	wk mod bk cL to SAP	fr SSP					
		29-60	massive LSAP	fr SSP	few mn cL				

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Samuel Rollans & Brady Freeman
OTHER(S) PRESENT:

COMMENTS:


F.E.M.A.- F.I.R.M. INFORMATION
COMMUNITY NUMBER: 370313 MAP NUMBER: 3710466400E
EFFECTIVE DATE: MARCH 02, 2009 ZONE: X (OUT)
PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES
CURVE TABLE
CURVE | RADIUS | LENGTH | CHORD | BEARING | DELTA
C1 | 525.00 | 108.00 | 107.81 | N 10°55'31" W | 11°47'15"
SUPERINTENDANT VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION
Johnson Dairy Road
Presbyterian Road
site
Catawba Creek Hwy
Grey Road
Shearers Road
NORTH
VICINITY MAP
SFER #7
15' SEPTIC SUPPLY PRESSURE LINE EASEMENT
S10°55'31"E 159.15' (TOTAL)
10.05'
149.10'
32,995 sq. ft.
0.757 acres
S84°58'06"W
250.00'
N73°10'53"E
280.00'
LOT 112
ANNISTON SUBDIVISION
PHASE 3 MAP 3
MB 53 PG 29
LOT 114
COV'D PORCH
28.9'
44.8'
207CD-RH ALPINE
CRAWL
EXT. Right SIDE
FULL BRICK
11/19/2014
21.5'
39.3'
36.0'
PROPOSED DRIVE & WALK
1,711 SF
C1
TIMBERSIDE DRIVE
50' PUBLIC ROAD R/W
LEGEND
O PROPERTY CORNER
(F) FOUND
(S) SET
#4b No. 4 REBAR
R/W RIGHT OF WAY
b/c BACK OF CURB
P.D.E. PUBLIC DRAINAGE EASEMENT
MAG SURVEY NAIL
(S)/SSMH SANITARY SEWER MANHOLE
LOT SETBACKS
ZONING RA
SIDE YARD 15 FEET
SIDE YARD ON CORNER LOT 25 FEET
REAR YARD 35 FEET
SETBACK 35 FEET
REQUESTS
11.28.2014
CRAWL
DRIVE RIGHT SIDELOAD
COV'D PORCH
207CD-RH ALPINE
THIS PROPERTY MAY BE SUBJECT TO EASEMENTS AND/OR RIGHTS-OF-WAY EITHER RECORDED OR IMPLIED.
SCALE: 1" = 40'
Lucas-Forman Incorporated
Land Surveying
Planning & Engineering
N.C. License C-1215
4000 Stuart Andrew Boulevard
Charlotte, North Carolina 28217
P.O. Box 11386 28220-1386
(704) 527-6626 Fax 527-9640
PLOT PLAN
of
146 TIMBERSIDE DRIVE
MOORESVILLE, IREDELL COUNTY, N.C.
LOT 113 BLOCK N/A MAPBOOK 51 PAGE 25
SUBDIVISION ANNISTON SUBDIVISION PHASE 3 MAP 1
DEED REFERENCE:
for
SHEA HOMES
REVIEWED: DATE: 11/26/2014 REV.
DRAWN: P.S. HENSLEY UPDATE:
ENVELOPE
JOB# ANN0113 FILE# IRE

Acknowledgement of
Plans Submittal ONLY!

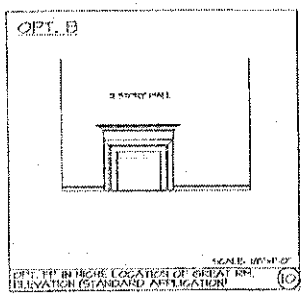
Date

for

Date

146 TIMBERSIDE DR K

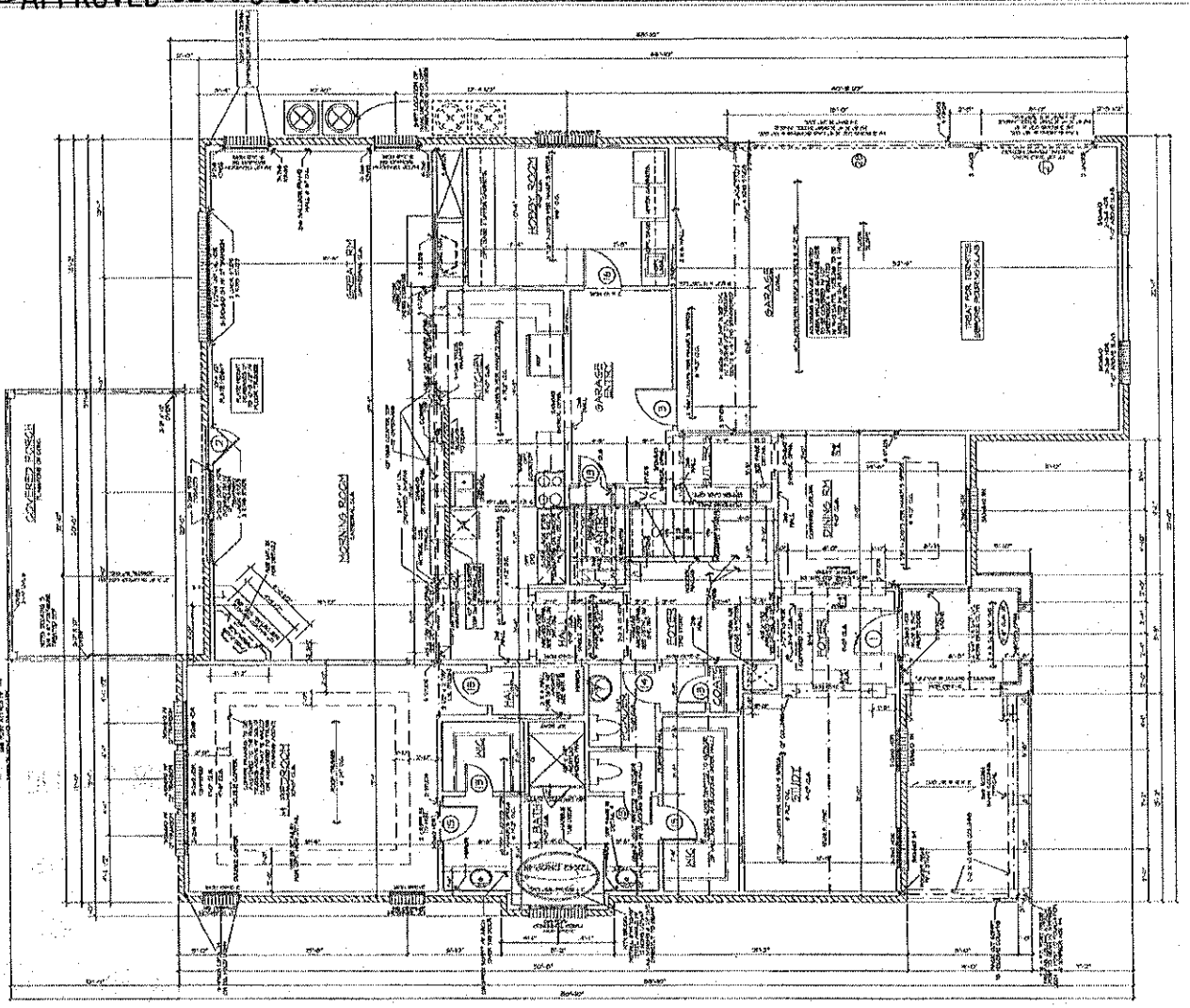
APPROVED DEC 05 2014







PERIDENTAL STRUCTURES, PC
3440 N. Davidson St.
Charlotte, N.C. 28205
Seal for Structural Only



NOTE FOR GARAGE HEADERS:
6" X 4" STEEL WITH OVERSIZED BRICK OR
5" X 5 1/2" STEEL WITH QUEEN SIZED BRICK

FIRST FLOOR PLAN

Sheatones (Raleigh)
101 J. Morris Common Lane, Suite 105
Morrisville, NC 27560
919-468-7100

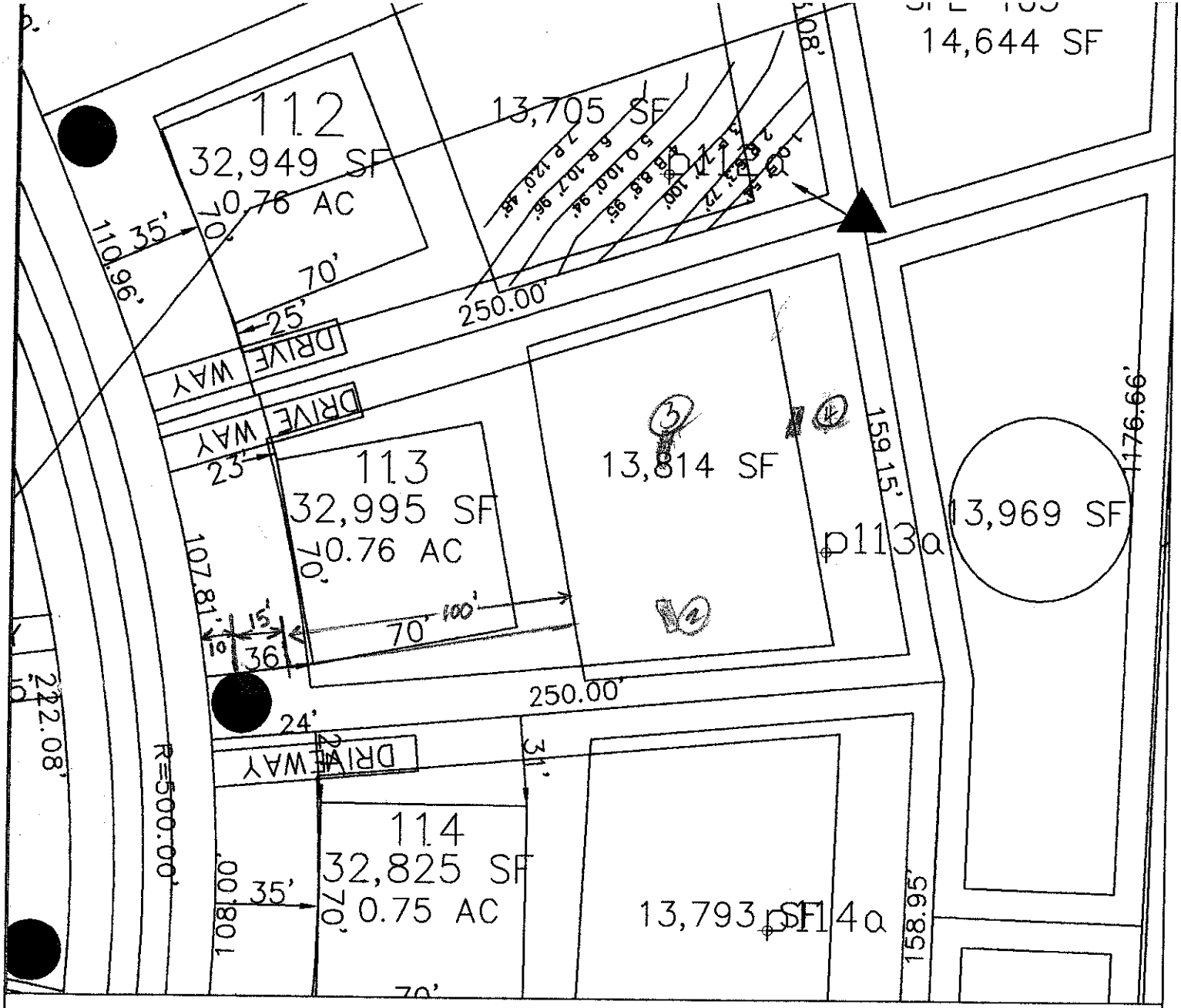
Sheatones (Charlotte)
3436 Toringdon Way, Suite 100
Charlotte, NC 28277
704-319-5000

CD

PLAN NUMBER: 207-CD
PLAN NAME: ALPINE

Date: 11/14
Scale: 1/8"=1'-0"
Drawn: MM
Checked: CAB
Check:

4A



LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.
- House Footprint (All 70' x 70')
- System lines.
- Repair lines.
- TBM.
- (25) RS&ES Pit Location.
- Well Location.
- [28] Health Dept. Pit 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
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278-0969
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ROLLANSPORTCJ@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: ANNISTON, LLC. / ANNISTON PHASE II

LOCATION/DATE: SHearer Chapel Road, Iredell County, North Carolina, July 2006

JOB #: 01-1005
FILE: C:\JOBS\01-1005
PROJECT MGR.: S.A.R.
FIELD WORK: S.A.R.
DRAWN BY: S.A.R.