

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

Owner:                      Applicant:  
 Address:                      Date Evaluated:  
 Proposed Facility:                      Design Flow (.1949):                      Property Size:  
 Location of Site:                      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 Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L5 5-7	0-24	G L5						
		24-39	SBK SL						
		1102 e39"							
2		0-20	G L5						
		20-30	G L5 w) cccsks						
		30-40"	SBK SL						
3		0-26	G L5						
		26-40"	SBK SL						

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)			
System Type(s)			
Site LTAR			



HOUSE PLAN: TUCKER W/COVERED PORCH - LH

NC GRID

(190)

(192)

S05°42'11"W  
104.51'

117.68'

N70°30'42"W  
171.65'

191.20'  
N76°33'06"W

36.63'

30.7'

34.55'

PROPOSED HOUSE

45.5'

39.7'

20.0'

PROP. DRIVE  
735 SF

PROP. S/W  
60 SF

6.0'

7.3'

11.0'

2.7'

5.0'

1.5'

1.3'

8.5'

11.0'

10.0'

PROP. PORCH

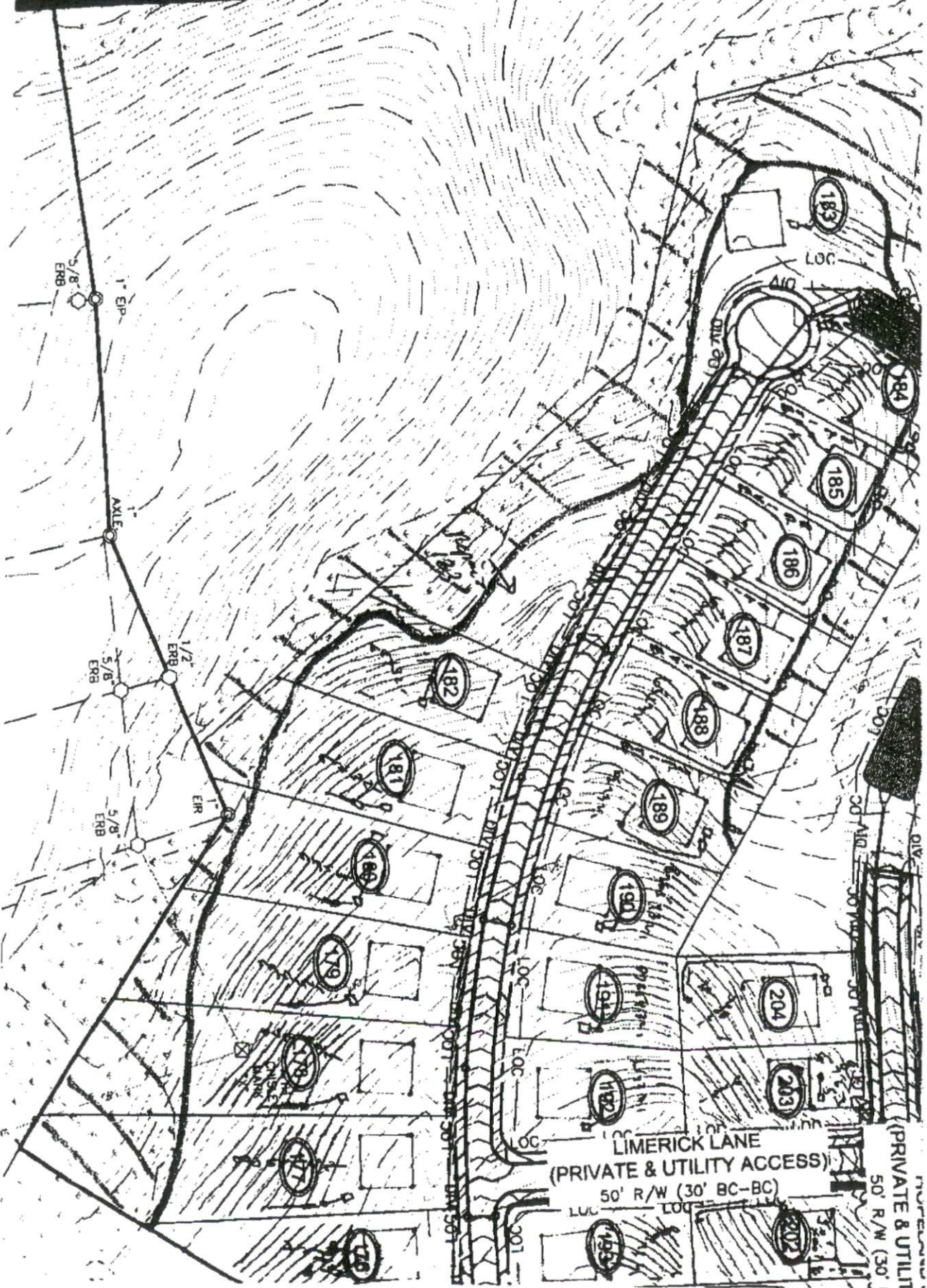
191

HEATHERWOOD DRIVE (50' RW)  
PRIVATE & UTILITY ACCESS (30' BC-BC)

PLOT PLAN







LIMERICK LANE  
(PRIVATE & UTILITY ACCESS)  
50' R/W (30' BC-BC)

PRIVATE & UTILITY  
50' R/W (30'

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: OAKMONT

LOT 186

INITIAL SYSTEM: APPROVED 25% REDUCTION  
*pump to*

REPAIR APPROVED 25% REDUCTION  
*pump to*

DISTRIBUTION: D-Box

DISTRIBUTION D-Box

BENCHMARK: 100.0

LOCATION PT ON LINE 186/187

NO. BEDROOMS: 4

LTAR 0.8 GPD/FT<sup>2</sup>

<u>LINE</u>	<u>FLAG COLOR</u>	<u>ELEVATION</u>	<u>LENGTH</u>
1	O	99.75	50'
2	B	99.17	50'
3	O	98.58	50'
			<u>150'</u>
4	B	97.84	50'
5	O	97.25	50'
6	B	96.92	50'
			<u>150'</u>

*failed system*

BY M. EAKER

DATE 03/2015

TYPICAL PROFILE

0-48 s/w (VFr wgs-)

or 2 / 1M > 8" <sup>u</sup>

INSTALL AT 18-22"

THERE SHALL BE NO GRADING,  
CUTTING, LOGGING OR OTHER SOIL  
DISTURBANCE IN SEPTIC AREA



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SUBDIVISION: OAKMONT

LOT 191

INITIAL SYSTEM: APPROVED 25% REDUCTION

REPAIR APPROVED 25% REDUCTION

DISTRIBUTION: D-Box

DISTRIBUTION D-Box

BENCHMARK: 100.0

LOCATION PT ON LINE 191/192

NO. BEDROOMS: 4

LTAR 0.5 GPD/FTL

LINE                      FLAG COLOR                      ELEVATION                      LENGTH

Existing system

1	0	98.75	60'
2	Y	98.50	60'
3	0	98.25	60'
4	Y	97.84	60'
			<u>240'</u>

5	0	97.17	60'
6	Y	96.58	60'
7	0	96.25	60'
8	Y	95.84	60'
			<u>240'</u>

BY M EAKER

DATE 03/2015

TYPICAL PROFILE

0-22 LS (V/F, wgs)  
22-44+500 (F<sub>r</sub>/F<sub>i</sub>, sbk)  
CL 2/P<sub>h</sub> > 36"  
INSTALL AT 18"

THERE SHALL BE NO GRADING,  
CUTTING, LOGGING OR OTHER SOIL  
DISTURBANCE IN SEPTIC AREA