Project #: Fern Leaf
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 1/13/11

Owner or Client: Woodbridge Partners
Proposed Facility: House Design Flow: 480
Location of Site: Lot 31
Soil Described By: KMS Others Present: APS
Antecedent Moisture: Weather: 32°F Sunny

Property Size: 0.75 Ac
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS

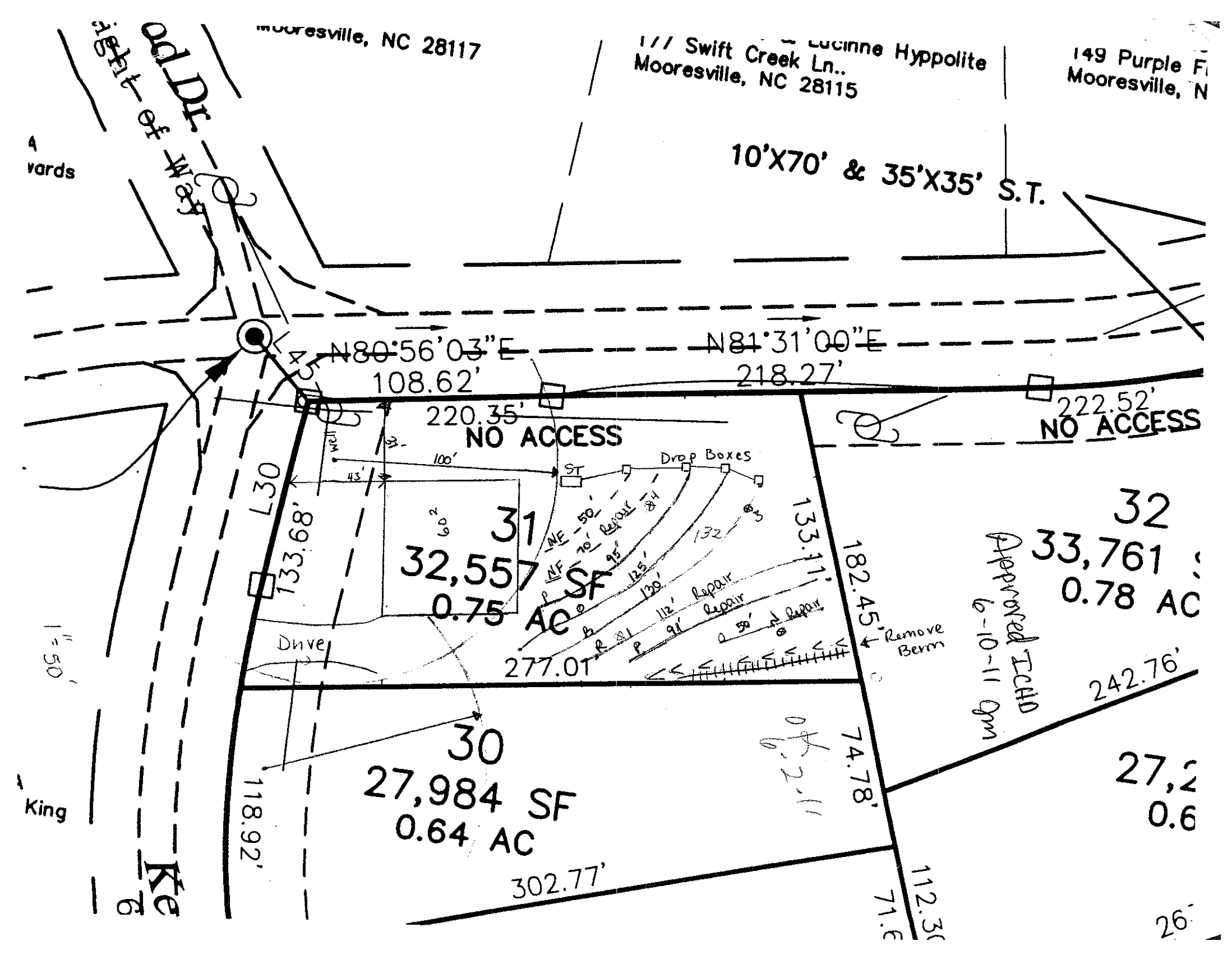
Initial: 25% Reduction
Repair: LP PPBPS

Water Supply: [ ] Public [ ] Community [X] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY Structure/ Texture	SOIL MORPHOLOGY Consistence Mineralogy	PROFILE FACTORS Inclusions	PROFILE FACTORS Matrix Color	PROFILE FACTORS Mottles	PROFILE FACTORS Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L 10%	0-6	Mo GR SL	FR ns/np		Br			0.3
		6-35	Mo SBK C	FR ss/sp		Red			
		35-50	WK SBK CL	FR ss/sp	F/C Sap	Red			
2	L 14%	0-11	WK GR SL	FR ns/np		Br		Gravelly	0.3
		11-23	Mo GR SL	FR ns/np		Br			
		23-38	Mo SBK C	FR ss/sp	F Mica	Red			
		38-49	WK SBK CL	FR ss/sp	C Sap	Red		F Yel Br WR	
3	L 4%	0-2	Mo GR SL	FR ns/np		Br			0.3
		2-22	Mo SBK C	FR ss/sp		Red	F/C yel Br to	10"	
		22-50	WK SBK CL	FR ss/sp	F/C Sap	Red			
4	L 7%	0-7	WK GR SL	FR ns/np		Br		Gravelly	0.3
		7-32	Mo SBK C	FR ss/sp		Red	F/C yel Br 17	-20"	
		32-47	WK SBK CL	FR ss/sp	F Sap	Red		F Quartz	
5									
6									

COMMENTS:

Approved ICHD
6-10-11
gm


Mooresville, NC 28117
177 Swift Creek Ln..
Mooresville, NC 28115
149 Purple F
Mooresville, N
10'X70' & 35'X35' S.T.
N80°56'03"E
108.62'
N81°31'00"E
218.27'
222.52'
NO ACCESS
220.35'
NO ACCESS
Drop Boxes
ST
100'
43'
L30
133.68'
31
32,557 SF
0.75 AC
133.11'
182.45'
Remove Berm
Drive
277.01'
30
27,984 SF
0.64 AC
118.92'
74.78'
302.77'
71.6
112.36'
242.76'
32
33,761
0.78 AC
Approved ICHD
6-10-11 gm
King
1"=50'