

Catawba-Sigmon Farm - Impervious Percentage Calculation				
Existing Conditions	Area (±)	Area (ac)	% of Total	
Impervious				
Drives (Gravel Conc. Asphalt)	5,000	0.115	0.1%	
Structures	3,600	0.083	0.1%	
Permeous				
Wooded Areas	3,868,190	42,888	27.1%	
Agricultural Fields/Lawns	5,010,046	115,912	72.7%	
Total Area =	6,886,836	158,100	100.0%	
Existing % Impervious =			0.1%	
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Inverter Areas (Assumes entire graded area)	7	3,815	0.088	0.1%
Rack Posts	6	684	2.3	0.002
Permeous				
Wooded Areas	1,733,490	18,795	12.3%	
Agricultural Fields/Lawns	5,140,865	118,018	74.4%	
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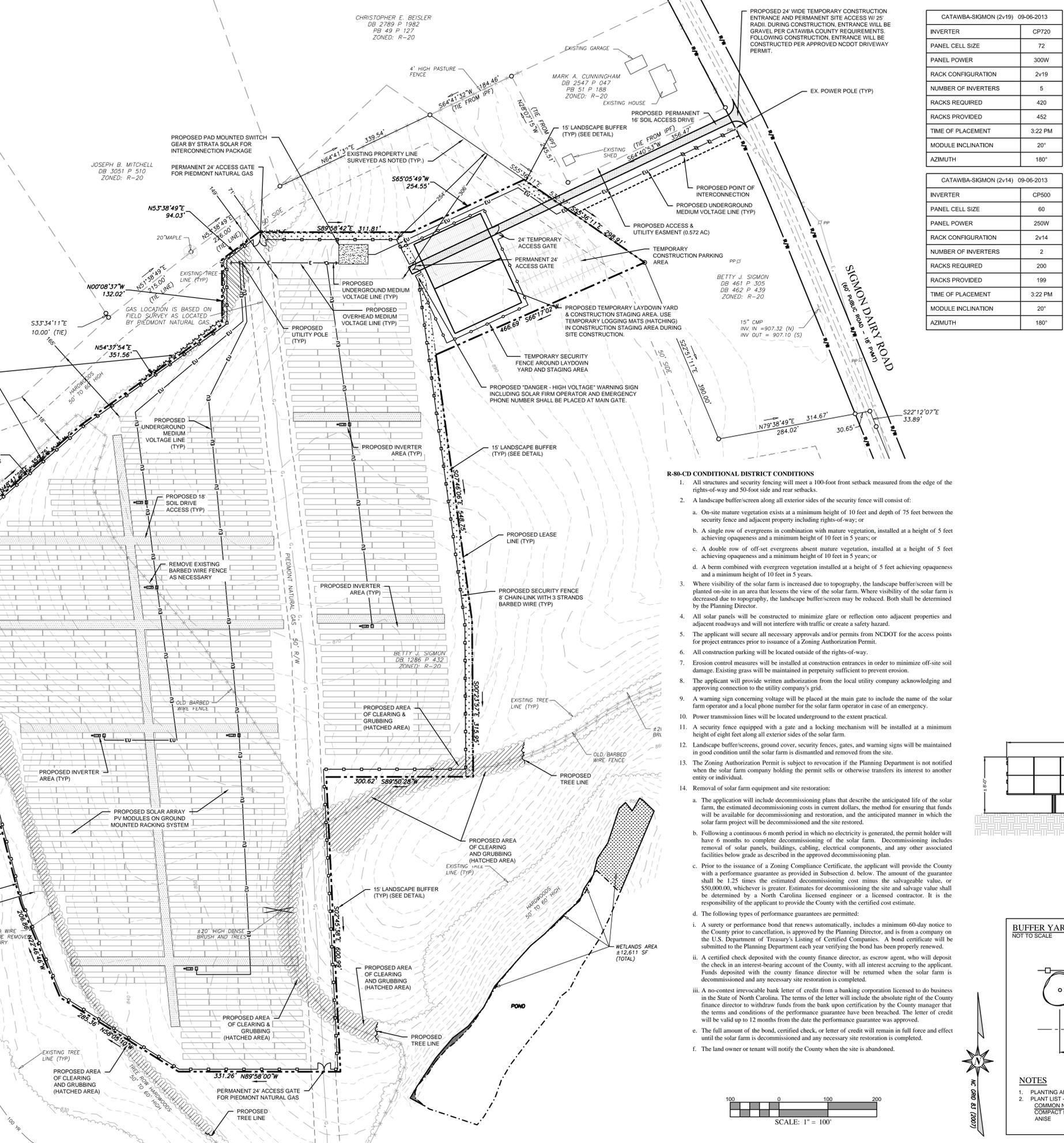
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NOTES				
1. EXISTING PROPERTY INFORMATION				
OWNER	DB/PG	ZONING	ACREAGE	LAND USE
363814344192 BETTY J. SIGMON	1286/432	R-20	158.10 AC	VACANT
SITE ADDRESS: 2817 SIGMON DAIRY RD, NEWTON, CATAWBA COUNTY, NC				
RIVER BASIN: CATAWBA - CLASS 'C' WATERS				
PROPOSED ZONING: R-80-CD				
MINIMUM SETBACK REQUIREMENTS:				
ZONING	R-80-CD			
FRONT	30'	100'		
SIDE	15'	50'		
REAR	30'	50'		
PROPOSED LEASE AREA: 31.00 ACRES				

CATAWBA-SIGMON (2v14) 09-06-2013				
INVERTER	CP720			
PANEL CELL SIZE	72			
PANEL POWER	300W			
RACK CONFIGURATION	2v19			
NUMBER OF INVERTERS	5			
RACKS REQUIRED	420			
RACKS PROVIDED	452			
TIME OF PLACEMENT	3:22 PM			
MODULE INCLINATION	20°			
AZIMUTH	180°			

CATAWBA-SIGMON (2v14) 09-06-2013				
INVERTER	CP500			
PANEL CELL SIZE	60			
PANEL POWER	250W			
RACK CONFIGURATION	2v14			
NUMBER OF INVERTERS	2			
RACKS REQUIRED	200			
RACKS PROVIDED	199			
TIME OF PLACEMENT	3:22 PM			
MODULE INCLINATION	20°			
AZIMUTH	180°			