

Statehouse Garage BDA Coverage

One donor antenna located at the corner of State and High Streets mounted on the roof of the stairwell entrance. There are nineteen total in building antennas five located on the blue level, five on the yellow level, five on the green level, one at the entrance to the Riffe building, one in the Riffe tunnel, one in the Riffe lobby, and one at the Huntington tunnel entrance.

Note: The attached schematic is based on the original installation; there have been changes and upgrades to the system.

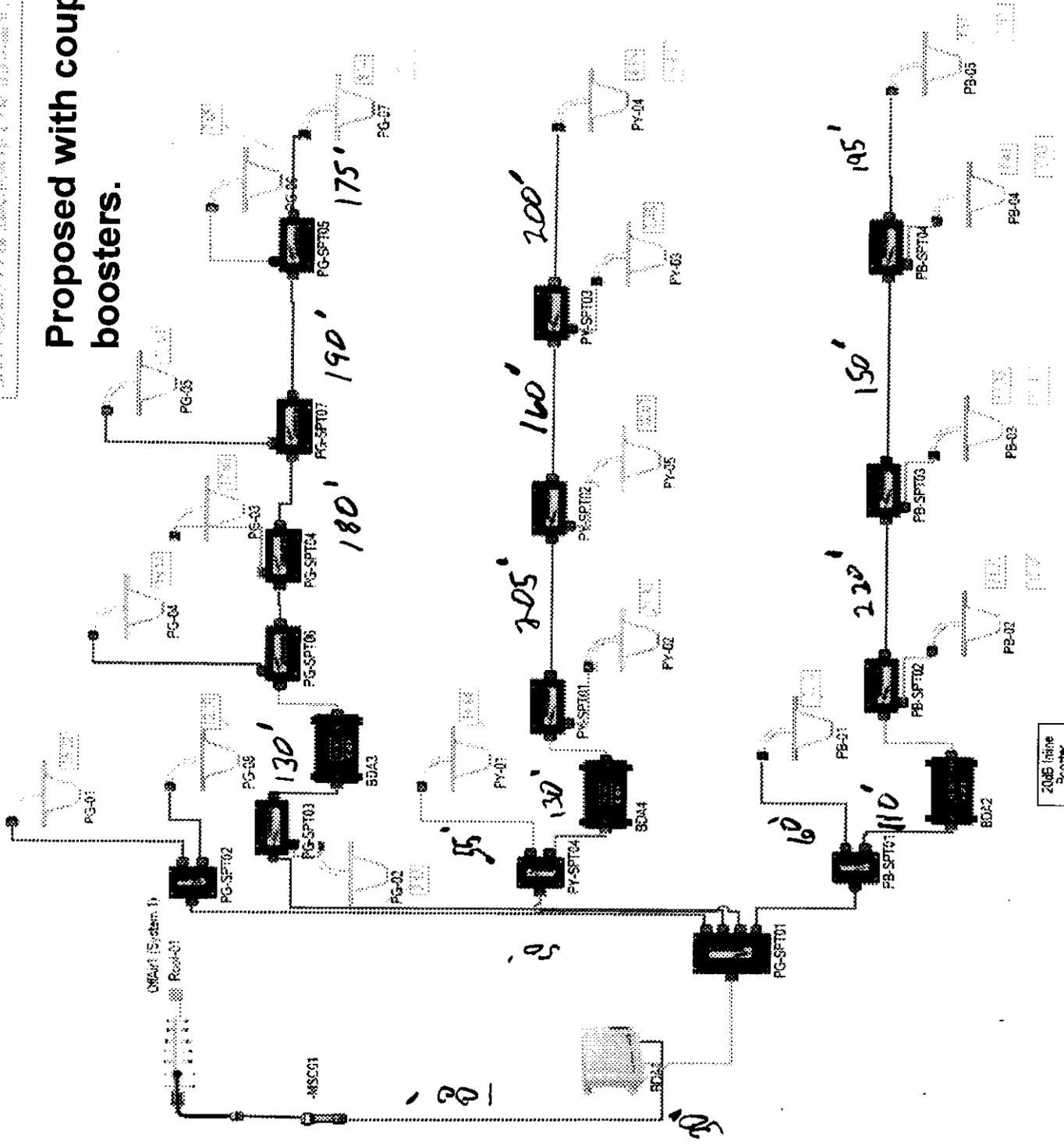
State House BDA						
	Level	Aisle	Antenna Number	Signal Level Feed	Loss	
	Green	Verizon Doner				
	Green	At Doner				
	Green	Parking BDA Input		-56.00		
	Green	Parking BDA Output		18.00		
	Green	Downlink Gain		74.00		
	Green	Uplink Gain				
	Green	Quad Coupler In		17.98	10 feet .02db loss	
	Green	Quad Coupler Out		15.48	Coupler 2.5db loss	
	Blue	Tripple Coupler In		14.48	50 feet 1 db loss	
	Blue	Tripple Coupler Out		11.98	Coupler 2.5db loss	
	Blue		1	1	10.78	60 feet 1.2db loss
	Blue		3	2	7.28	110 feet 2.2db loss + Coupler 2.5db loss
	Blue	Input BDA		-2.62	370 feet 7.4db loss + Coupler 2.5db loss	
	Blue	Output BDA		-2.62		
	Blue	Downlink Gain		0.00		
	Blue	Uplink Gain				
	Blue		6	3	-5.12	Coupler 2.5db loss
	Blue		10	4	-11.52	195 feet 3.9 db loss + Coupler 2.5db loss
	Blue		11	5	-14.92	170 feet 3.4 db loss
	Yellow	Tripple Coupler In		14.78	35 feet .7db loss	
	Yellow	Tripple Coupler Out		12.28	Coupler 2.5db loss	
	Yellow		1	1	11.18	55 feet 1.1db loss
	Yellow		3	2	7.18	130 feet 2.6db loss + Coupler 2.5 db loss
	Yellow	Input BDA		-0.12	365 feet 7.3 db loss	
	Yellow	Output BDA		-0.12		
	Yellow	Downlink Gain		0.00		
	Yellow	Uplink Gain				
	Yellow		6	3	-2.62	Coupler 2.5db loss
	Yellow		10	4	-9.12	200 feet 4 db loss + Coupler 2.5db loss
	Yellow		11	5	-12.52	170 feet 3.4 db loss
	Green		1	1	12.88	130 feet 2.6db loss
	Green		3	2	10.98	100 feet 2db loss + Coupler 2.5db loss
	Green	Input BDA		7.38	180 feet 3.6db loss	
	Green	Output BDA		7.38		
	Green	Downlink Gain		0.00		
	Green	Uplink Gain				
	Green		6	4	4.88	Coupler 2.5db loss
	Green		10	6	-1.42	190 feet 3.8db loss + Coupler 2.5db loss
	Green		11	7	-4.92	175 feet 3.5db loss
	Green	Riffe Entrance				
	Green	Riffe Lobby				
	Green	Riffe Tunnel				
	Green	Huntington Entrance				
		SOT BDA Input				
		SOT BDA Output				
		SOT BDA Downlink Gain				
		SOT BDA Uplink Gain				
	Green	SOT Tunnel				
	Green	SOT Lobby				
	Green	SOT Coffee Shop				



Proposed with couplers and in-line boosters.

boosters.

Systems Information Legend
 2008 In-line Booster
 2008 In-line Booster
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Model 1000P

Project Name

Verizon Wireless
Stackhouse
Columbus, OH

System Name

Design Plan

2/20/2008

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