

Chatham County Sustainable Development Questionnaire

Project Name: Heard Cell Tower Property

Location: 8835 US Highway 64 West, Siler City, NC 27344

How many homes will be in your proposed development? NA

How many other buildings will be included? What type, schools, commercial, etc Cell Tower and applicable machination with chain link fenced perimeter.

It is the goal of Chatham County that the location, design and construction of all developments and buildings within the County provide for energy efficiency, resource conservation, connectivity, public amenities and neighborhood functionality. The following questionnaire is a tool for helping you site and design your developments to help meet that goal.

As used below, "design" includes all pertinent elements of layout, size, location, material choice, restrictive covenants and builder requirements.

You may wish to consult the following resources in preparing your responses:

1. LEED ND (add cite to post-pilot program when available)
2. Earthcraft House Communities Program: <http://www.earthcrafthouse.com/communities/piedmont.htm>
3. This is Smart Growth publication: http://www.smartgrowthonlineaudio.org/pdf/TISG_2006_8-5x11.pdf

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| Project uses design techniques such as clustering and vertical development to avoid sensitive environmental features, minimize development area and/or maximize areas of contiguous open space on site. | | NA |
| Energy and Resource Efficiency | | |
| Does the project include water conservation strategies such as innovative waste-water treatment, rainwater catchment systems, or other criteria to reduce irrigation needs? | | NA |
| The project does not have criteria for drought tolerant landscaping, plans for rainwater catchment systems, or recycling strategies for irrigation of public spaces. | | NA |
| The project includes criteria in its standards for drought tolerant landscaping and/or requires submission of water budget calculations for landscaping water use per lot | | NA |
| The project utilizing a combination strategy (including but not limited to rainwater catchment systems) to provide for 50% of irrigation needs in addition to drought tolerant landscaping practices | | NA |
| The project residential units are certified under the EPA Water Sense Program and innovative systems (including rainwater catchment and greywater systems) provide for 75% of irrigation needs for public spaces | | NA |
| NA | | NA |
| What standards or requirements will the project implement for green building design techniques for construction of buildings? | | NA |
| The project provides only conventional energy and water use features and no recycling during or after construction. | | NA |
| The project will require that all residential units earn certification in the Energy Star for Homes Program | | NA |
| The project will require that all residential units earn the Energy Star label and a base level certification in a 3rd party verified green building program | | NA |
| The project will require that all residential units earn the Energy Star label and a base level certification in a 3rd party verified green building program, and all commercial/common buildings meet base level certification in LEED. | | NA |
| NA | | |
| What incentives will the proposed development have for builders to build Energy Star or Green Building certified projects? For example: "Builder receives preferred lot locations and increase (show percentage) of lot options." Explain below. | | NA |
| What technologies and design aspects will the proposed development deploy to improve energy efficiency? | | NA |
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| <p>What percentage of planned buildings in the proposed development will have a legally protected solar window and a long axis oriented within 15 degrees of true east/west?</p> | | NA |
| 75-100% | | |
| 50-75% | | |
| >50% | | |
| <p>What percentage of other buildable lots in the proposed development will have a legally protected solar window serving the buildable area and a long axis for the buildable area oriented within 15 degrees of true east/west?</p> | | NA |
| 75-100% | | |
| 50-75% | | |
| >50% | | |

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| How will the proposed development provide for the recycling of construction waste? | | NA |
| No construction waste center will be provided | | |
| A dedicated sorting facility is located on site | | |
| Each builder is required to sort and recycle construction debris with a certified recycling contractor | | |
| Developer requires and manages debris sorting and provides certified recycling contractor to all builders | | |
| Will the proposed development include a community recycling facility? | | NA |
| PEOPLE - CONNECTIVITY - TRANSPORTATION | | |
| Community Character and Design | | |

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| Will the proposed development design walkable communities with sidewalks, traffic calming patterns? Describe. | | NA |
| Will the proposed development have covenants to restrict uplighting and reduce light pollution? | | NA |
| Will the proposed development provide adequate street lighting options for safety and ease of mobility? | | NA |
| Provide outdoor facilities and amenities such as playgrounds, parks, theatres and benches | | NA |
| Housing Diversity | | |
| How will the proposed development promote variety in housing size? | | NA |
| How many affordable housing units will there be in the proposed development (percentage)? For the purpose of this question, "affordable housing units" will have an initial sales price which is > | | NA |
| Project offers a mix of housing types and sizes (apartments, condos, townhouses, single-family, studios, 1BR, 2BR, 3BR, etc.). Explain below. | | NA |
| Transportation | | |
| Project is accessible by multiple modes of transportation (auto, bus, rail, walking, biking) | | NA |
| 4 modes | | NA |

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| 3 modes | | |
| 2 modes | | |
| 1 or less | | |
| What design features are included to accommodate future mass transit, ride sharing, etc.? | | NA |
| A portion of the proposed development dedicated for a "Park and Ride" lot | | NA |
| Bicycle lanes / rights of ways within the proposed development? | | NA |
| Tie in with local mass transit routes, with covered, well lit pick/up drop off sites? | | NA |
| Connectivity | | |
| Are vehicular cul-de-sacs/roadways connected by pedestrian or bicycle paths? | | NA |
| How will the proposed development design promote walkability? Describe below. | | NA |
| Are parks and/or green plazas located within the proposed development and within ¼ mile of 90% of the proposed dwelling units? | | NA |
| Are active recreation facilities located within the proposed development and within ½ mile of 90% of the proposed dwelling units? | | NA |
| Community Needs and Local Development | | |

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| Will the proposed development include any capability for on-site electrical generation? | | NA |
| Will the proposed development incorporate district heating & cooling? Please describe. | | NA |
| Will the proposed development provide for common facilities for composting and mitigating food waste? | | NA |
| Will the proposed development permit: the use of clotheslines, solar collectors, rainwater collection and storage systems, shading devices, compost piles, manure piles, mulch piles, animal confinement buildings or fences, and greenhouses; the growing of produce and/or animal feed; the keeping of livestock; and the collection or use of graywater in manners otherwise permitted by law? | | NA |
| Will the proposed development provide community gardening space (with fencing, water, soil enhancements, secure storage for tools, solar access and pedestrian access)? How many square feet of such space will there be, on the average, per proposed dwelling unit? | | NA |
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