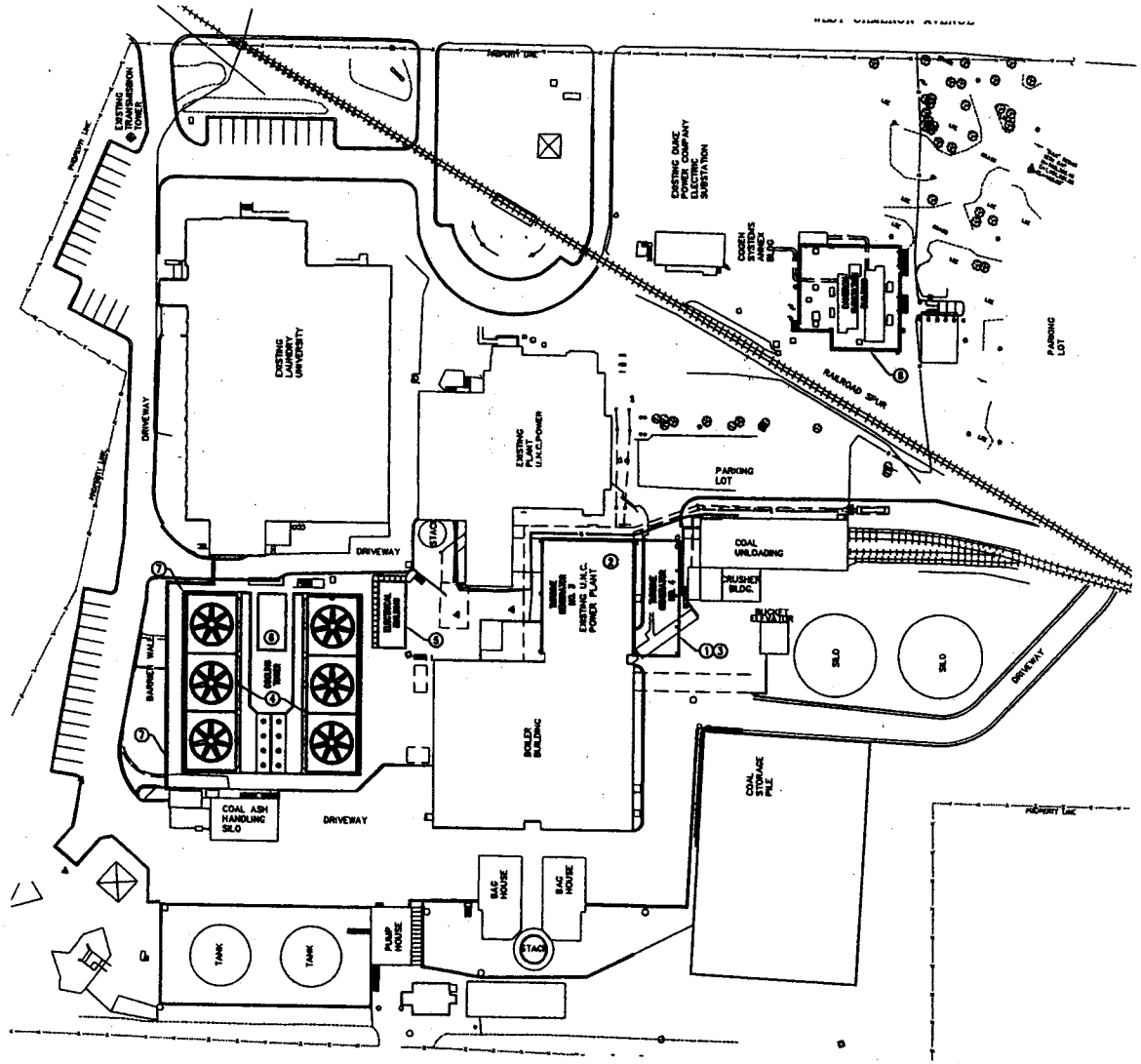
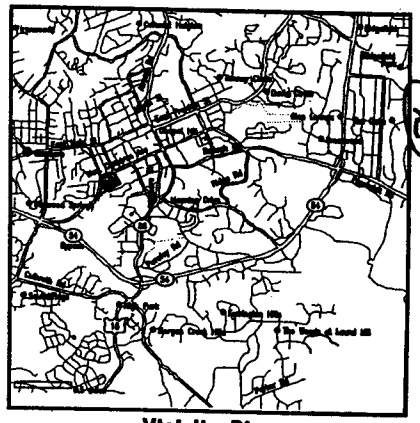


NOTES BY SYMBOL "O"

1. NEW BUILDING FOR TURBINE GENERATOR NUMBER FOUR INSTALLATION. BUILDING APPROXIMATELY 8000 SQUARE FEET, HEIGHT = 76' TALL ABOVE ADJACENT GRADE LEVEL.
2. EXISTING TURBINE GENERATOR THREE AND ASSOCIATED EQUIPMENT TO BE UPGRADED IN EXISTING BUILDING.
3. NEW TURBINE GENERATOR FOUR BUILDING TO BE CONSTRUCTED TO MATCH EXISTING BUILDING: CAST IN PLACE CONCRETE BASE WALL, ALUMINUM FRAMED CURTAIN WALLS WITH ALUMINUM AND GLASS GLAZING, AND FLAT ROOF WITH PARAPET.
4. NEW FIELD-ERECTED FIBERGLASS COOLING TOWER, APPROXIMATELY 30' TALL, 128' LONG.
5. NEW ELECTRICAL BUILDING TO HOUSE EQUIPMENT ASSOCIATED WITH COOLING TOWER. BUILDING APPROXIMATELY 950 SQUARE FEET, HEIGHT = 16' ABOVE ADJACENT GRADE. BUILDING CONSTRUCTED OF SPLIT-FACE CMU WITH METAL ROOF, COLOR TO MATCH ADJACENT BUILDINGS.
6. NEW WATER TREATMENT BUILDING TO HOUSE EQUIPMENT ASSOCIATED WITH COOLING TOWER. BUILDING APPROXIMATELY 800 SQUARE FEET, HEIGHT = 14' ABOVE ADJACENT GRADE. BUILDING CONSTRUCTED OF SPLIT-FACE CMU WITH METAL ROOF, COLOR TO MATCH ADJACENT BUILDINGS.
7. THIRTY-FIVE FOOT TALL ACOUSTICAL SCREEN WALL, EXTENDING THE LENGTH OF THE COOLING TOWERS. LOWER TEN-FOOT PORTION OF WALL CONSTRUCTED OF SPLIT-FACE CMU. FOUR-FOOT WIDE BRICK PILASTERS EXTEND FROM TEN FOOT TO TOP OF WALL, AT 27' ON CENTER. WALL INFILL CONSTRUCTED OF PAINTED ARCHITECTURAL METAL PANELS.
8. NEW CAMERON SUBSTATION BUILDING, APPROXIMATELY 5,000 SQUARE FEET. BUILDING HEIGHT = 26' ABOVE GRADE. BUILDING CONSTRUCTED OF CAST-IN-PLACE CONCRETE WALLS WITH BUILT-UP ROOF.



Vicinity Plan

ATTACHMENT 6

	Carter-Burgess CARTER & BURGESS, INC. 5811 GLENWOOD AVENUE, SUITE 300 RALEIGH, NORTH CAROLINA 27612	The University of North Carolina at Chapel Hill COGENERATION ENGINEERING	**Cameron Avenue Cogeneration Plant** Conceptual Plan

C1