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THE JOHN R. McADAMS COMPANY, INC.

## MEMORANDUM

Date: September 11, 2006

To: Keith Megginson  
Director, Chatham County Planning

From: Richard Dickie, PE  
Residential Engineering Group

Re: **Solid Waste Plan for Plat  
Briar Chapel Subdivision  
NEW-05041**

### SUMMARY/GOALS

The following document details the integrated strategies and policies for solid waste management at Briar Chapel. In general terms, procedures will be implemented to minimize the generation of waste throughout the development process. These procedures will require builders/contractors to generate as little waste as possible due to error, poor planning, breakage, mishandling, contamination, and/or other factors. Of the inevitable waste that is generated, as many of the waste materials as economically feasible shall be reused, salvaged, or recycled. This plan addresses the management of construction debris and residential solid waste collection, including curbside recycling and non-residential solid waste collection, for the first phase of residential development at Briar Chapel.

### MANAGEMENT OF CONSTRUCTION DEBRIS

During the construction phase(s), certain recyclable materials generated by Briar Chapel builders and contractors will be recycled. Clean-wood waste; scrap metal; concrete, brick, block or other aggregate material; drywall; and corrugated cardboard generated by Briar Chapel builders/contractors will be recycled as practicable. Briar Chapel builders/contractors will be highly encouraged to recycle all other building material waste. Briar Chapel builders/contractors will have the option of: one of the following:

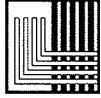
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- 1) Separating wasted building materials on the jobsite and recycling them on-site, saving them for use on future jobs, or hauling the segregated materials to a private salvage/charity
- 2) Combining materials for delivery to a certified recycling facility

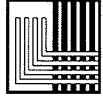
Each builder/contractor will provide Newland Communities a comprehensive Waste Management Plan that includes the following:

- 1) List of proposed waste to be generated from their activities, including types and quantities
- 2) Landfill Options: The name of the landfill(s) where trash will be disposed of, the applicable landfill tipping fee(s), and the projected cost of disposing of all Briar Chapel construction waste in the landfill
- 3) Transportation: A description of the means of transportation of the recyclable materials (whether materials will be site-separated and self-hauled to designated centers, or whether mixed materials will be collected by a waste hauler and removed from the site) and destination of materials

### **RESIDENTIAL SOLID WASTE COLLECTION**

A private collection service company will be contracted by Briar Chapel to provide curbside collection services of solid waste and recyclables on a regular basis. Containers will be provided to residents based on the type of collection vehicle utilized. It will be the responsibility of each resident to place his/her containerized waste at the roadside for collection. The collection crews will simply empty the roadside container into their collection vehicles. Residents must then retrieve their container from the roadside once the wastes have been collected. Whenever possible, crews should collect from both sides of the street at the same time.

Curbside collection of recyclables will most likely be handled by a "commingled" process. Residents will place their recyclable waste in a unique



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container at the roadside for collection. The commingled approach utilizes a single or dual compartment recycling collection vehicle whereby materials are separated and consolidated at a processing center for recycling. The private collection service company should be able to recycle cans (steel, tin, and/or aluminum), glass (clear, amber, and green), plastic items (with a recycle symbol and number), paper (newsprint quality - no glossy magazines, ads, or junk mail) and corrugated cardboard. The private collection service company will provide each resident with more detailed instructions as to how and which recyclable items will be collected.

#### **NON-RESIDENTIAL SOLID WASTE COLLECTION**

Construction debris for the Clubhouse will be handled in the same manner as discussed above. Once the Clubhouse is occupied, a private collection service company will collect the solid waste and recyclables using an approach similar to the residential solid waste.