

Anthony Perrotta – Structural Option
Overlook Towers – Herndon, VA
Technical Assignment #1
October 5, 2006



Executive Summary:

This assignment takes a look at the structural system of Overlook Towers. This nine story office building is one of three buildings in the complex. There are two nine story office buildings and a five story parking deck. The flooring is a lightweight concrete composite deck system which is supported by a steel structure. The exterior of the building is a curtain wall and precast concrete panel system. Wind loads are carried and transferred by a central lateral bracing system.