

**STRATHMORE PARK AT GROSVENOR METRO  
NORTH BETHESDA, MD  
A.E. SENIOR THESIS**

**MARK ANSTROM - STRUCTURAL OPTION**

**DESIGN AND CONSTRUCTION TEAM**

**OWNER**

EAKIN YOUNGENTOB ASSOCIATES, INC.

**ARCHITECT**

TORTI GALLAS AND PARTNERS CHK, INC

**STRUCTURAL ENGINEER**

CATES ENGINEERING, LTD

**MEP ENGINEER**

SCHWARTZ ENGINEERING, INC.

**GENERAL CONTRACTOR**

CLARK RESIDENTIAL



**GENERAL**

- FOUR STORY LUXURY CONDOS W/ UNDERGROUND PARKING GARAGE
- 3 NEARLY IDENTICAL 65,000 SQ. FT BUILDINGS
- TOTAL PROJECT COST APPROX. \$33,800,000
- LOCATED IN THE SUBURBS OF WASHINGTON, D.C.
- TRADITIONAL DESIGN-BID-BUILD DELIVERY SYSTEM

**STRUCTURAL**

- REINFORCED CONCRETE TWO-WAY FLAT PLATE SYSTEM WITH SHEARWALLS
- LIGHT GAGE STEEL STUD INFILL AND BRICK VENEER CLADDING
- SLOPING COLUMNS AT FIRST FLOOR

**ARCHITECTURAL**

- CLASSICALLY INSPIRED ARCHITECTURE, BRICK AND CAST STONE FAÇADE
- BAY WINDOWS RUN UP FROM A DECORATIVE WATER TABLE TO THE FLAT ROOF
- THE WHOLE BUILDING IS CAPPED WITH A DECORATIVE PARAPET
- LUXURIOUS AND SPACIOUS UNITS, APPROXIMATELY 2500 SQUARE FEET EACH

**MECHANICAL / ELECTRICAL**

- INDIVIDUAL MECHANICAL UNITS PER CONDO
- NATURAL GAS HEATING
- ROOF MOUNTED CONDENSER UNITS
- CENTRAL HEATING / COOLING FOR PUBLIC AREAS