Michael S. Sloan
Vice President — Director of Technical Services

Education
Michigan Technological University — Bachelor of Science, Civil Engineering, 1980

MPE Training and Development Classes

Professional Affiliations/Memberships
Associated Builders and Contractors (ABC) — Metric System Instructor

Profile
Mike has 22 years of experience in the building industry. He joined Bovis Lend Lease as a Senior Estimator in 1994, and was promoted to Senior Preconstruction Manager in early 1995. Recently, Mike was promoted to Director of Technical Services for the Washington Office. Mike is responsible for estimates at all design phases for multiple projects, preparation of bid packages, design reviews, construction methodology and value analysis.

Project Experience

- **Truman Park Apartments**
  Largo, Maryland
  Director of Technical Services responsible for the schematic estimates, design development estimates, construction documents estimates, site logistics, master schedule, and value analysis.
  Owner: The Dolben Company
  Architect: Lessard Architectural Group, Inc.
  Duration: 21 months
  Project Cost: $22 million
  Contract Type: General Contractor
  Bovis Lend Lease will serve as the General Contractor for this complex consisting of 284 units in seven 4 and 5-story buildings and a five-story, precast parking structure. The buildings and one row of five town homes connect to the core garage. The site includes a community swimming pool and clubhouse. In addition, paved trails will be incorporated into neighboring wetlands. The $22 million project began April 2001 and will be completed January 2003.

- **Columbia Center Phase II — Warwick House**
  Arlington, Virginia
  Director of Technical Services responsible for the schematic estimates, design development estimates, construction documents estimates, site logistics, preparation of bid packages, design reviews and value analysis.
  Owner: LCOR, Inc.
  Architect: Weihe Design Group
  Duration: 18 months
  Project Cost: $20 million
  Contract Type: General Contractor, GMP
  This project involved the new construction of a two-story, below-grade parking garage and a 220,000 sf seventeen-story reinforced concrete residential apartment building (212 units).

- **Millbrook II at Mark Center**
  Alexandria, Virginia
  Director of Technical Services responsible for the initial budget, schematic estimate, design development estimate, master schedule, and value analysis.
  Owner: The Mark Winkler Company
  Architect: Torti-Gallas, CHK Architects
  Duration: 17 months
  Project Cost: $19.5 million
  Contract Type: General Contracting, GMP
  Bovis Lend Lease is providing Preconstruction and General Contracting services for this residential complex. The project includes 120 mid-rise apartment units, 63 low-rise manor homes, and 89 townhouses. The complex will also include a community center featuring a racquetball court and gymnasium. This project will complete May 2001.

BZA
Case No. 16881
Exhibit No. 28

Bovis
Lend Lease

Board of Zoning Adjustment
District of Columbia
CASE NO.16881
EXHIBIT NO.28

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- **Cameron at Milestone Apartments**
  Germantown, Maryland
  Director of Technical Services responsible for the initial budget, schematic estimate, design development estimate, constructibility/design review and value analysis.
  Owner: Archstone Communities
  Architect: Niles Bolton Associates
  Duration: 11 months
  Project Cost: $7.2 million
  Contract Type: General Contracting, GMP
  Bovis Lend Lease provided Preconstruction and General Contracting services for this 132-unit apartment complex. There is six, 3-story buildings and 10 garage buildings. The project completed in October 2000.

- **Cedar Avenue Apartments**
  Gaithersburg, Maryland
  Director of Technical Services responsible for the initial budget, schematic estimate, design development estimate, constructibility/design review and value analysis.
  Owner: Magruder Companies
  Architect: Daniel Ball and Associates, Inc.
  Duration: 12 months
  Project Cost: $5.7 million
  Contract Type: General Contracting, GMP
  Bovis Lend Lease is provided Preconstruction and General Contracting services for this 68-unit apartment complex. The project will include one floor of retail and office space.

- **Cameron at Governor's Green**
  Bowie, Maryland
  Vice President of Preconstruction responsible for competitive bid, value analysis and final negotiation.
  Owner: Archstone Communities
  Architect: Niles-Bolton
  Duration: 16 months
  Project Cost: $18 million
  Contract Type: General Contractor, GMP
  This project involved the new construction of 295,000 sf, 336 units, fifteen (15) three and four story apartment buildings, individual garage buildings, with a main clubhouse and pod. The project consists of wood framed structures, brick veneer/vinyl siding skin, concrete post tension slab on grade, interior finishes and MEP systems. The site improvements on this 20-acre parcel added asphalt surface parking, individual garage buildings, site utilities and landscaping.

- **Bowie Center for the Performing Arts**
  Bowie, Maryland
  Vice President of Preconstruction responsible for the initial budget, schematic estimate, design development estimate, master schedule, logistics plan, constructibility/design review and value analysis.
  Owner: BRAVA (City of Bowie, PGCPS, MNCPPC, State of Maryland)
  Architect: Cochran, Stephenson & Donkervoet, Inc.
  Duration: 14 months
  Project Cost: $12 million
  Contract type: Construction Management
  This project involves the addition of a new performing arts center, which will be linked to the existing Bowie High School arts wing. The performing arts center consists of

27,000 sf, structural steel framing, masonry façade, seating for 800 people, dressing rooms, multi-purpose community room to host art exhibits and dance rehearsals.

- ***National Museum of the American Indian***
  Washington, DC
  Vice President of Preconstruction responsible for the 35% design development estimate, schedule, site logistics, constructibility/design review and value analysis.
  Owner: Smithsonian Institution
  Architect: Polshek/Toby-Davis Partners
  Duration: 36 months
  Project Cost: $120 million
  Contract type: Construction Management
  This project involves the Design and Construction Management of the $120 million National Museum of the American Indian. The design phase required the creation of multiple project programming themes, including phasing models, budgeting, scheduling and analysis to meet Smithsonian budgeting and scheduling criteria. The new 250,000 sf museum, scheduled for completion in 2003, will occupy the last available site on the National Mall just three blocks west of the U.S. Capitol Building. This unique museum is the largest project ever undertaken by the Smithsonian Institution.

- **Cambridge Court Apartments**
  White Marsh, Maryland
  Vice President of Preconstruction responsible for the initial budget, schematic estimate, design development estimate, master schedule, logistics plan, constructibility/design review and value analysis.
  Owner: Nottingham Properties/Northwestern Mutual Life Partnership
  Architect: Heffner Architects, P.C.
  Duration: 15 months
  Project Cost: $17 million
  Contract type: General Contractor, GMP
  This project involved 312 apartment units, thirteen (13) buildings, clubhouse and pool. The project consists of wood framed structures, brick veneer/vinyl siding skin, concrete slab on grade, interior finishes, MEP systems. The site improvements included mass grading, site utilities, individual garage units, asphalt paving, concrete sidewalks, landscaping and miscellaneous amenities.

- **Jefferson Park Office Building**
  Merrifield, Virginia
  Senior Preconstruction Manager responsible for the initial budget estimate, schematic estimate, 65% design development estimate, master schedule, site logistics, constructibility/design reviews and value analysis.
  Owner: Greenvest L.C.
  Architect: Davis Carter Scott
  Duration: 17 months
  Project Cost: $38 million
  Contract type: Preconstruction Services
  This project involved the renovation/addition to an existing garage, new construction of a reinforced concrete three story below grade parking garage (475,000 sf) and two reinforced concrete five story office buildings (410,000 sf).

- **One Freedom Square**
  Reston, Virginia
  Senior Preconstruction Manager responsible for the 65% design development estimate, site logistics, constructibility/design reviews and value analysis.

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Owner: Boston Properties
Architect: KCF-SHG
Duration: 22 months
Project Cost: $37.5 million
Contract type: Preconstruction Services
This project involved the new construction of a seven story, 500,000 sf reinforced concrete parking structure and an eighteen story, 450,000 sf reinforced concrete office building.

- **Warwick House**
  Arlington, Virginia
  Senior Preconstruction Manager responsible for the schematic estimate, design development estimate, CD estimates, master schedule, site logistics, preparation of bid packages, constructibility/design reviews and value analysis.
  Owner: LCOR, Inc.
  Architect: Weihe Design Group, PLLC
  Duration: 22 months
  Project Cost: $25,000,000
  Contract type: General Contractor, GMP
  This project involved the new construction of a 75,000 sf, two-story below grade reinforced concrete parking garage and a 250,000 sf, eighteen-story reinforced concrete residential apartment building. (320 units)

- **Takoma Park Middle School**
  Takoma Park, Maryland
  Senior Preconstruction Manager responsible for the 95% construction document estimate, master schedule, constructibility review and value analysis.
  Owner: Montgomery County Public Schools
  Architect: Grimm & Parker
  Duration: 15 months
  Project Cost: $15 million
  Contract type: Construction Management
  This 144,000 sf new middle school is a replacement of the existing middle school at the same site. The project consisted of demolition of the existing school, site improvements to the existing sport facilities, new storm water management system, structural framing, brick veneer, interior finishes and MPE systems. The new facility has the capacity for 1,200 students.

- **Winston Churchill High School Modernization**
  Potomac, Maryland
  Vice President of Preconstruction responsible for the 35% design documents, 65% design development estimate, 95% construction document estimate, master schedule, site logistics, constructibility reviews and value analysis.
  Owner: Montgomery County Public Schools
  Architect: DCMM
  Duration: 30 months
  Project Cost: $30 million
  Contract type: Construction Management
  This project involves the renovation/addition to the existing high school while it remains fully occupied. This includes demolition of 35,000 sf, new addition of 106,000 sf and modernization of 206,000 sf. The site improvements include a new underground stormwater management system, football stadium, ballfields, new tennis courts, asphalt surface parking, landscaping and miscellaneous site furnishings.

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- **Thomas S. Wootton High School**
  Rockville, Maryland
  Vice President of Preconstruction
  Bovis Lend Lease is providing Construction Management services for an addition to the existing school. Bovis Lend Lease will manage the project while the school continues to operate. Construction began in April 1999 and requires 30 months for completion. The total construction costs are estimated at $19.5 million.

- **New Westminster High School**
  Westminster, Maryland
  Senior Preconstruction Manager responsible for the 65% design development estimate, preparation of bid packages, constructibility review and value analysis.
  Owner: Carroll County Public Schools
  Architect: SHW Group, Inc.
  Duration: 28 months
  Project Cost: $30 million
  Contract Type: Construction Management
  This $30 million high school will have the capability to house 1,200 students and will cover 207,300 sf. The learning center will include state-of-the-art technology facilities. The school will be arranged by academic "clusters" in order for the teachers to team or connect the curriculum for real-life application. Construction began in June 2000.

- **Century High School**
  Eldersburg, Maryland
  Senior Preconstruction Manager responsible for the 65% design development estimate, preparation of bid packages, constructibility review and value analysis.
  Owner: Carroll County Public Schools
  Architect: SHW Group, Inc.
  Duration: 22 months
  Project Cost: $27 million
  Contract Type: Construction Management
  Bovis Lend Lease is responsible for Construction Management services for this $27 million high school. At 207,000 sf, Century High will be the largest new school to be built in Carroll County. The facility has a target capacity of 1200 regular education students and 50 special education students. Construction began June 1, 1999 with an estimated completion date of May 1, 2001.

- **John F. Kennedy High School Modernization**
  Silver Spring, Maryland
  Senior Preconstruction Manager responsible for the 65% design development estimate, master schedule, site logistics, constructibility review and value analysis.
  Owner: Montgomery County Public Schools
  Architect: Smolen Emr & Associates
  Duration: 24 months
  Project Cost: $21 million
  Contract type: Preconstruction Services
  This project involved the renovation/addition to the existing high school. This includes the new addition of 108,460 sf and the modernization of 151,300 sf. The site improvements include a new underground storm water management system, football stadium, tennis courts, concession stand, relocation of existing site utilities, asphalt surface parking and bus loop, landscaping and miscellaneous site furnishings.

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- **Montgomery Blair High School**
  Silver Spring, Maryland
  Senior Preconstruction Manager responsible for the 65% design development estimate, preparation of bid packages, constructibility review and value analysis.
  Owner: Montgomery County Public Schools
  Architect: SHW Group, Inc.
  Duration: 24 months
  Project Cost: $37 million
  Contract type: Construction Management
  This project involved the construction of a new 382,000 sf high school located on a 49-acre site. The project consists of site improvements complete with new football stadium, ball fields, tennis courts and storm water management system. This facility will have capacity for 2,800 students.

- **Northwestern High School**
  Hyattsville, Maryland
  Senior Preconstruction Manager responsible for the schematic estimate, 65% design development estimate, master schedule, site logistics, constructibility reviews, material evaluations and value analysis.
  Owner: Prince George's County Public Schools
  Architect: SHW Group, Inc.
  Duration: 30 months
  Project Cost: $37 million
  Contract type: Preconstruction Services
  This project involved the construction of a new 345,000 sf high school and renovation of the existing 21,000 sf auditorium while the existing school remains occupied. The site improvements added a new football stadium, ball fields, tennis courts, bus loop, parking lots, relocation of existing site utilities and underground storm water management system.

- **School for Contemporary Education**
  Laurel, Maryland
  Senior Preconstruction Manager responsible for the initial budget estimate, final estimate, master schedule, site logistics and value analysis.
  Owner: School for Contemporary Education
  Architect: SMDA
  Duration: 10 months
  Project Cost: $2.4 million
  Contract type: General Contract, Lump Sum
  This project involved the 20,000 sf addition to the existing facility consisting of a gymnasium, classrooms and faculty offices. The site improvements added 72 parking spaces, landscaping and an underground storm water management system.

- **Riverscape at Piney Orchard**
  Odenton, Maryland
  Senior Preconstruction Manager responsible for the schematic estimate, design development estimate, preparation of bid packages, master schedule, site logistics, constructibility reviews and value analysis.
  Owner: The Dolben Company
  Architect: The Martin Architectural Group
  Duration: 15 months
  Project Cost: $14.2 million
  Contract type: General Contract, Lump Sum

This project involved 294,000 sf, 280 units, twelve (12) three story buildings and one (1) clubhouse. The project consists of wood framed structures, brick veneer/vinyl siding skin, concrete slab on grade, interior finishes, MPE systems. The site improvements added asphalt surface parking, carports, site utilities, asphalt trails and landscaping.

- **The Groves at Piney Orchard**
  Odenton, Maryland
  Senior Estimator responsible for the schematic estimate, design development estimate, preparation of bid packages, master schedule, constructibility reviews and value analysis.
  Owner: The Dolben Company
  Architect: The Martin Architectural Group
  Duration: 14 months
  Project Cost: $11.4 million
  Contract type: General Contract, Lump Sum
  This project involved 275,000 sf, 258 units, eleven (11) three story buildings and one (1) clubhouse. The project consisted of wood framed structures, masonite siding, concrete slab on grade, interior finishes, MEP systems. The site improvements included surface parking, site utilities and landscaping.

- **Millbrook at Mark Center**
  Alexandria, Virginia
  Senior Preconstruction Manager responsible for the schematic estimate, design development estimate, preparation of bid packages, constructibility reviews and value analysis.
  Owner: The Mark Winkler Company
  Architect: Heffner Architects
  Duration: 17 months
  Project Cost: $23.6 Million
  Contract type: General Contractor, GMP
  This project involved 521,000 sf, 406 units and eight (8) four story apartment buildings and one (1) clubhouse. Five (5) apartment buildings have one level below grade parking garages (86,000 sf), two (2) buildings are slab on grade and one (1) building is 5-stories.

- **Park Station Apartments**
  Gaithersburg, Maryland
  Senior Preconstruction Manager responsible for the budget estimate, design development estimate, 95% construction document estimate, preparation of bid packages, site logistics, constructibility review and value analysis.
  Owner: The Dolben Company/Magruder Companies
  Architect: The Lessard Architectural Group
  Duration: 24 months
  Project Cost: $24 million
  Contract type: General Contract, Lump Sum
  This project involved 435,000 sf, 386 units and eight (8) four story apartment buildings, one (1) clubhouse and six (6) story precast concrete parking garage (166,000 sf).

- **The Kennedy Center for the Performing Arts**
  Washington, DC
  Senior Preconstruction Manager responsible for various task estimates, scheduling, constructi-bility reviews, site logistic planning and value analysis.
  Owner: Kennedy Center for the Performing Arts
  Architect: Wiss, Janney, Elstner & Associates

Duration: 18 months
Project Cost: $20 million
Contract type: Project Management Services
This project consisted of new building infra-structure, interior renovations, roof replacement, terrace renovation/repair, interior lighting modifications, building automation, dimmer systems and marble facade cleaning.

- **Discovery Center at the National Museum of Natural History**
  Washington, DC
  Senior Preconstruction Manager reponsible for construction estimates, design reviews, risk analysis and various studies to determine feasibility of constructing a new facility within the West Court of the Museum.
  Owner: Smithsonian Institute
  Architect: Hammel Green Abrahamson
  Duration: 24 months
  Project Cost: $17.5 million
  Contract type: Construction consultant to the Architect
  This project included the demolition of existing shops, dining facilities and the Nature Center. New construction involved the protection of the historic façade, new dining facilities, a large format 3D-film theater, relocation of the existing Discovery Center and a new basement and kitchen facility. All new construction was performed while the museum remained occupied.

- **The Washington Ballet**
  Washington, DC
  Senior Estimator responsible for the budget estimate, design development estimate, construction document estimate, preparation of bid packages, site logistics, master schedule, constructibility reviews and value analysis.
  Owner: The Washington Ballet
  Architect: Kress Cox & Associates
  Duration: 9 months
  Project Cost: $1.5 million
  Contract type: General Contractor, GMP
  This project involved the addition of 7,700 sf of new studio space and miscellaneous renovation work on the existing facility. The new studio provided additional space for classes and rehearsals to meet the growing needs of the school. Interior spaces of the existing 23,000 sf facility, as well as the exterior, were upgraded and improved.

- **Loudoun Hospital Center**
  Leesburg, Virginia
  Senior Estimator responsible for the schematic estimate, design development estimate, GMP estimate, constructibility reviews and value analysis.
  Owner: Loudoun Hospital
  Architect: HLM
  Duration: 18 months
  Project Cost: $30 million
  Contract type: General Contractor, GMP
  This project is a 181,545 sf replacement hospital consisting of eighty (80) patient beds.

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Prior Project Experience

- **National Headquarters for the Armed Forces Benefit Association**
  Alexandria, Virginia
  Project Superintendent responsible for onsite field administration, management and coordination of trade contractors, quality control, safety and adherence to the project schedule.
  Owner: AFBA
  Architect: The Kearns Group
  Duration: 18 months, completed 1989
  Project Cost: $12 million
  Contract type: Guaranteed Maximum Price (GMP)
  This project included a 70,000 sf, two story below grade parking garage, 110,000 sf seven-story structural steel framed office building.

- **Radisson Mark Plaza Hotel Complex**
  Alexandria, Virginia
  Project Superintendent responsible for the construction of the five story Retreat & Conference Center.
  Owner: Radisson Associates
  Architect: Perkins & Will
  Duration: 26 months, completed 1985
  Project Cost: $35 million
  Contract type: Guaranteed Maximum Price (GMP)
  This project consisted of a 60,000 sf, five-story retreat & conference center, 200,000 sf, three story parking garage and 600,000 sf, thirty story, 428-room hotel.

- **Reston Executive Center**
  Reston, Virginia
  Project Superintendent responsible for onsite field management, coordination of trade contractors, quality control, safety and adherence to the project schedule.
  Owner: Stanley Martin
  Architect: Pace Design
  Duration: 11 months, completed 1987
  Project Cost: $6 million
  Contract type: Guaranteed Maximum Price (GMP)
  This project involved a 80,000 sf, four story, structural steel frame office building. Site improvements included asphalt surface parking, retaining walls, site utilities and miscellaneous amenities.

- **Washingtonian Center**
  Gaithersburg, Maryland
  Project Superintendent responsible for the construction of the five story parking structure.
  Owner: Ackerman & Co.
  Architect: Ward Hall & Associates
  Duration: 24 months, completed 1990
  Project Cost: $28 million
  Contract type: Design Build
  This project included a 260,000 sf, three story commercial/retail building, 360,000 sf, five story precast concrete parking structure and 280,000 sf, fourteen story reinforced concrete office building.

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- **Brookfield Corporate Center**
  Chantilly, Virginia
  Project Superintendent responsible for onsite field administration, management/coordination of the trade contractors, quality control, safety and adherence to the project schedule.
  Owner: Cambridge Development
  Architect: Skidmore, Owings & Merrill
  Duration: 10 months, completed 1986
  Project Cost: $4.5 million
  Contract type: Guraanteed Maximum Price (GMP)
  This project consisted of 4 one-story structural steel framed office buildings

- **Hebrew Home of Greater Washington — Wasserman Building Addition/Renovation**
  Rockville, Maryland
  Vice President Estimating Vice President Estimating responsible for overseeing the final estimate, initial award of subcontracts and materials, and assuring the constant communication between the estimating team and operations. This $5.4 million project involved the construction of a six-story and a one-story addition onto an existing building accompanied with renovation of the existing 172,000 sf senior extended care facility. In this unique and challenging project, the additions and renovations were phased around a fully occupied extended care facility that required very close coordination around residents and resident relocations.

- **Asbury Methodist Home**
  Gaithersburg, Maryland
  Vice President Estimating responsible for overseeing the final estimate, initial award of subcontracts and materials, and assuring the constant communication between the estimating team and operations.
  Owner: Asbury Methodist Home
  Architect: CHK
  Duration: 18 months, completed 1991
  Project Cost: $20 million
  Contract type: General Contract, Lump Sum
  This project involved a 317,455 sf, eleven-story, reinforced concrete elderly housing facility. The site improvements included site utilities, asphalt surface parking, asphalt trails, landscaping and miscellaneous site furnishings/amenities.

- **Stonegate Village Apartments**
  Reston, Virginia
  Vice President Estimating responsible for overseeing the final estimate bid team, preparation of bid packages, subcontract award and seamless transition from estimating to operations.
  Owner: Fairfax County Redevelopment & Housing Authority
  Architect: Davis & Carter
  Duration: completed 1994
  Project Cost: $5.6 million
  Contract type: General Contract, Lump Sum
  This project included the renovation to 269,000 sf, 234 units in an existing apartment complex.

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- **Alexander House Apartments**
  Silver Spring, Maryland
  Vice President Estimating responsible for the final estimate bid team, preparation of bid packages and subcontract negotiation/awards.
  Owner: Housing Opportunities Commission
  Architect: CHK
  Duration: 17 months, completed 1992
  Project Cost: $20 million
  Contract type: General Contract, Lump Sum
  This project consisted of 270,000 sf reinforced concrete apartment building with 311 units and a 90,000 sf, three-story reinforced concrete below grade parking garage. The site improvements included precast concrete pavers, water feature, site utilities, landscaping and miscellaneous site furnishings/amenities.