

Maryland Fire and Rescue Institute,  
University of Maryland Regional Training Center  
Princess Anne, Maryland

PROJECT  
PROFILE



Our experience in working with MFRI began with the site selection and design of a Regional Training Facility in Somerset County. We quickly learned that the site had extensive areas of wetlands, which required careful site design and location of the facility's buildings. For example, it was crucial that the access roads and the fire evolution areas avoided the wetlands areas. We were able to design a campus which adapted to these undesirable land conditions. For this project, the scope of our work included programming, design, and construction administration, resulting in a new 5,300 square foot instructional/office building, and a 2,000 square foot "Class A" structural burn building which accommodated to the constraints of the site.

The facility features a flammable liquids burn pit and fire extinguisher training pad, which were outfitted with propane burn module simulators. A drafting tank and an automobile extrication area were also included in the complex. A holding pond was developed for the purpose of drawing water for site use in the training exercises. Detailed consideration was provided for the design of the grades to allow the water used in the fire training evolutions to be recycled by means of draining back to the holding pond. Two separate water systems were provided, a potable water system, and a non-potable system, which was used for the evolution areas as well as for the sprinkler system in the instructional/office building.



**Client:**

Maryland Fire and Rescue Institute  
University of Maryland  
4500 Paint Branch Parkway  
College Park, MD 20742

**Project Type:**

Regional Training Campus  
for Fire & Rescue

**Location:**

Princess Anne, Maryland

**Size:**

12 acres

**Status:**

Completed 1995

**Role:**

**Full A/E Services:**

- Feasibility Study
- Site Evaluation
- Master Planning
- Programming
- Construction Cost Projections
- Design
- Construction Documents
- Bidding/Negotiations
- Construction

**Cost:**

\$ 2,000,000 Construction  
\$ 200,000 Design

**Reference:**

F. Patrick Marlatt  
Maryland Fire and  
Rescue Institute  
301.226.9965

\*Project  
completed as  
principals with  
another firm.

Edmeades & Stromdahl, Ltd.  
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