

## Stennis Space Center MATCH House



### Client Reference Information

Naval Facilities Engineering Command  
Southeast – Gulfport

Paul Mullins, Construction Manager

PWD Gulfport, MS

(228) 688-4715

Stennis Satellite Office Bldg 1210

### Total Project Cost and End Date

\$571,714

December 14, 2010

G&M Associates provided Design-Build services for construction of a Modular Armored Tactical Combat House (MATCH) at the firing range located at Stennis Space Center. The MATCH house fully met the requirements of Naval Special Warfare Group Four for a fully enclosed, 1-story, Live Fire Exercise Hard Point Defensive Position Facility capable of sustaining up to 7.62mm rounds, and is used to train units during a live fire exercise and evaluate their ability to move tactically, engage targets, and practice target discrimination in an urban environment.

### Project Features

- 8 rooms and 2 corridors to provide 1400 s.f. of net training space
- ½” by 4x8’ armor steel protective ballistic panels that double back to provide alcove armor panels and absorbing panels
- 7 ballistic doors
- Additional 2” bullet absorbing, fireproof material to reduce bullet speed by 50%
- Stair on exterior, leading to cat walk running across building

### Site Work

- Clearing and Grubbing
- Removal of unsuitable material
- Subgrade Compaction
- Placement of Select Fill – 60’x60’x6” compacted limestone
- Installation of Limestone Access Drive

### Applicable Codes and Standards

- Unified Facilities Criteria (UFC)
- Uniform Accessibility Standards (UFAS)
- DoD and NAVFAC Criteria
- Sustainable Design (Executive Order 13423)
- Energy Conservation (ASHRAE/IESNA)

## Concrete Specifications

- Slab dimensions: 60'x64'x10"
- Maximum slump of 6
- 5000 psi concrete
- #6 re-bar
- 6 mil vapor barrier
- Broom finish



G & M completed this project on time and within budget and was given the following evaluation of performance comments.

- "Contractor's project manager helped resolve design deficiencies and modify the contract"
- "Contractor quickly resolved deficient work"
- "Contractor's superintendent was responsive to concerns of lodge management and Government inspectors"
- "Management and field representatives maintained professional attitude"
- "Contractor committed to his baseline schedule"