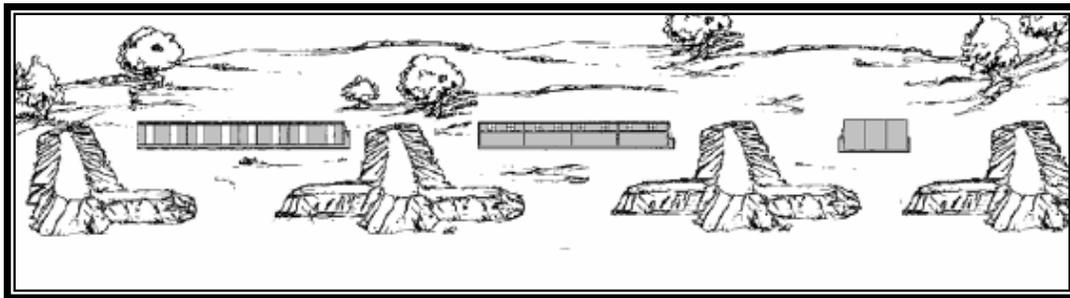


# LIVE FIRE EXERCISE BREACH (LFEB) FACILITY NARRATIVE DESCRIPTION

**Purpose:** The information in this document is based on TC 25-8 Training Ranges dated 5 April 2004, FCC 17880. Urban operations require soldiers to enter buildings through walls, doors, windows, and roofs. The LFEB or Breach Facility is designed to train soldiers using tasks and techniques on how to breach locked doors, windows, and create man-size holes in walls. The facility can be used to train mechanical, ballistic, thermal, and explosive breaching. The breach facility (Figure 1 below) is used to train soldiers semiannually on the technical aspects of breaching techniques. It is also used to train Tactics, Techniques, and Procedures (TTP) and explosive techniques not trained on any other type range.



Station 1

Station 2

Station 3

Figure 1

**Description:** This facility has three stations:

- Station 1: Door Breaching
- Station 2: Window Breaching
- Station 3: Wall Breaching

Protective berms are positioned between Stations 1 and 2, and Stations 2 and 3. These berms are used to protect soldiers when demolitions are used. Refer to the Civil Details appendix in this document for a typical LFEB layout and protective berm designs.

**Station 1 - Door Breaching.** This station is a facade that is 10 feet high and 72 feet wide with nine doors. Soldiers can conduct mechanical, thermal, ballistic, and explosive breaching techniques on doors at this station. Doors will open from the exterior or the interior (See Figure 2 below).

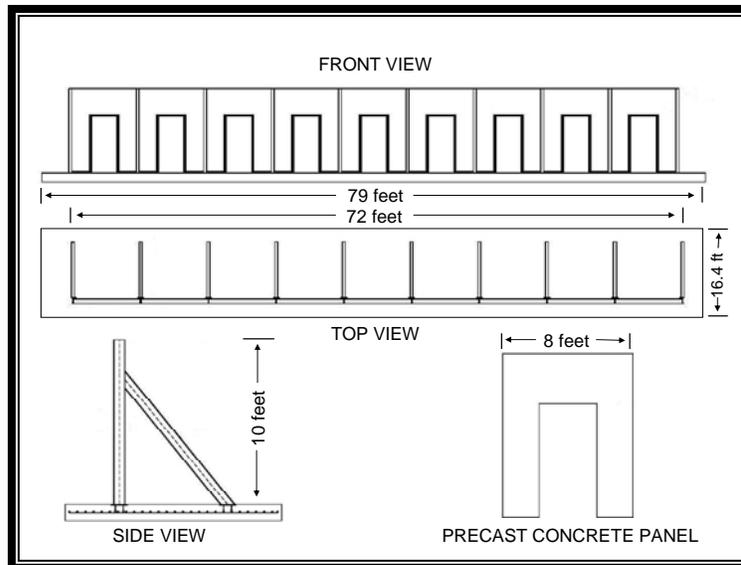


Figure 2

Station 2 - Window Breaching. This station is a facade that is 10 feet high and 72 feet wide and has nine windows. Soldiers can conduct mechanical and explosive breaching techniques on windows at this station (See Figure 3 below).

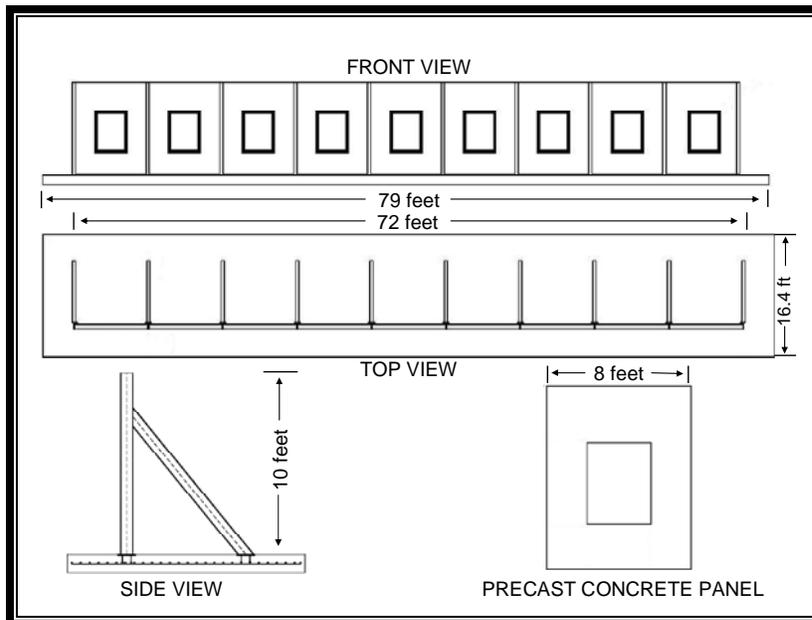


Figure 3

Station 3 - Wall Breaching. This station is a facade that looks like a wall of a building. This facade is about 8 feet high by 24 feet wide. The facade has three sections that precast built panels will fit into. The precast panels are 8 feet high by 8 feet wide and can be made of concrete, concrete masonry unit (blocks), stone, brick,

wood or other material. They are designed to accommodate thermal and explosive breaching techniques (See Figure 4).

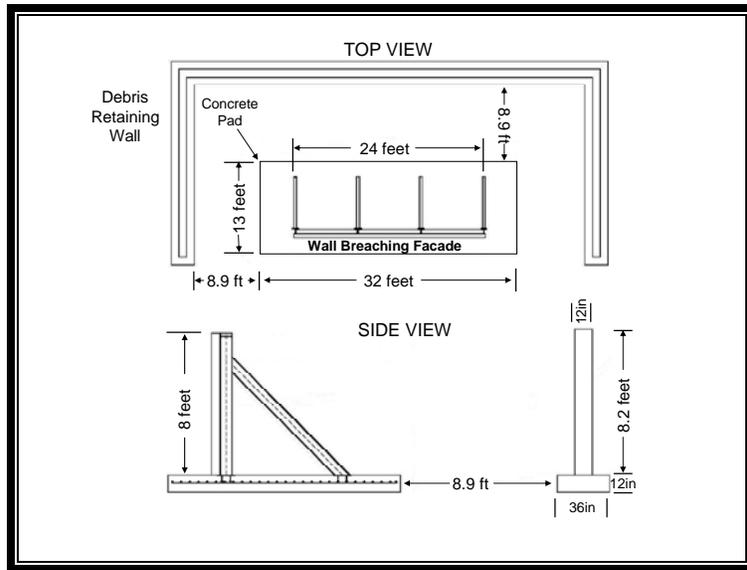


Figure 4

Associated Range Operations and Control facilities:

No ROCA facilities required.

Optional Buildings: The Breach Facility has no Range Operations and Control Area (ROCA). However, depending on the installation requirements, the following building may be desirable. These buildings must be specifically requested during the project planning phase as a variance from the standard facility. The latrine would be part of the standard if the facility is not collocated with another range that has a latrine.

- Aerated Vault Latrine (73075)
- Operations and Storage Building (17122)
- Covered Bleachers (75061)

Requirement Document:

TC 90-1 Training for Urban Operations

Additional Information: None