

## Health Services Facilities - Antigua

### Fiennes Institute

#### Estimated Cost of Repairs

#### Summary

Item No	Description		
1	Nurses' kitchen and stores		\$12,800
2	Nurses' quarters		\$6,000
3	Surgery		\$2,000
4	Conference room		\$7,400
5	Ward 7 & 8		\$1,000
6	Ward Master's Office		\$27,000
7	Chapel		\$112,350
			\$168,550
	Preliminaries & overheads (33%)		\$55,620
			\$224,170
	Contingency (10%)		\$22,420
			\$246,590
	Consultancy fees (20%)		\$49,300
	<b>Total estimated cost (EC\$)</b>		<b>\$295,900</b>
	<b>Total estimated cost (US\$)</b>		<b>\$109,600</b>

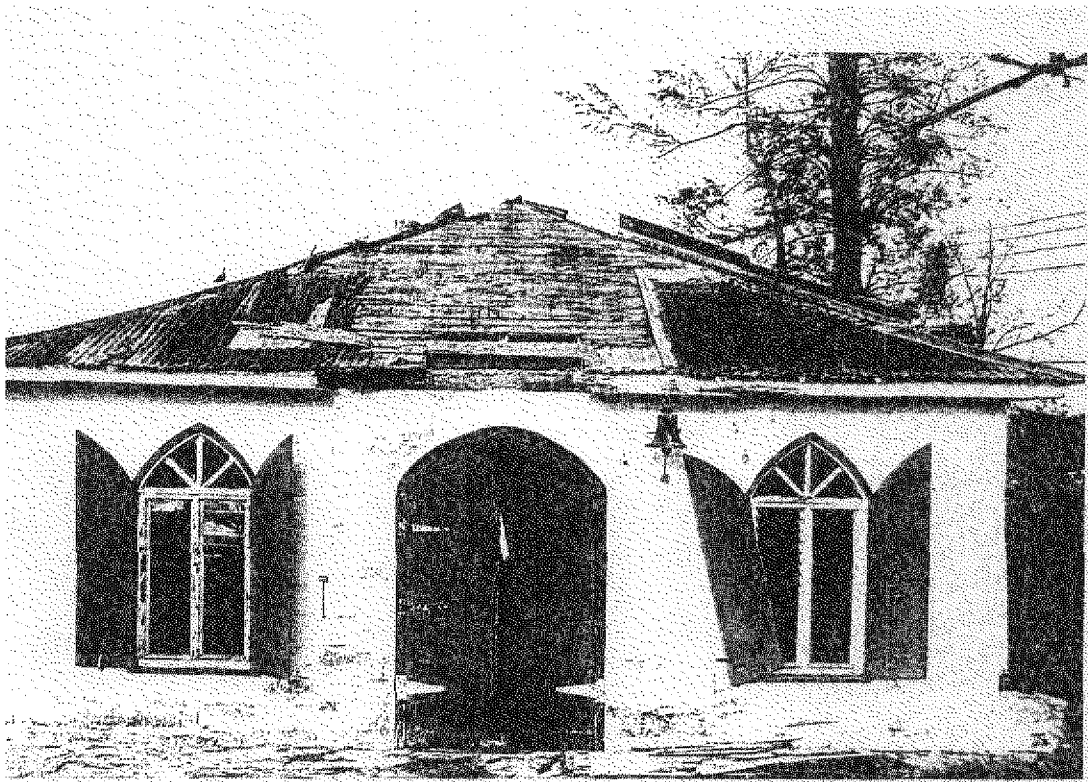
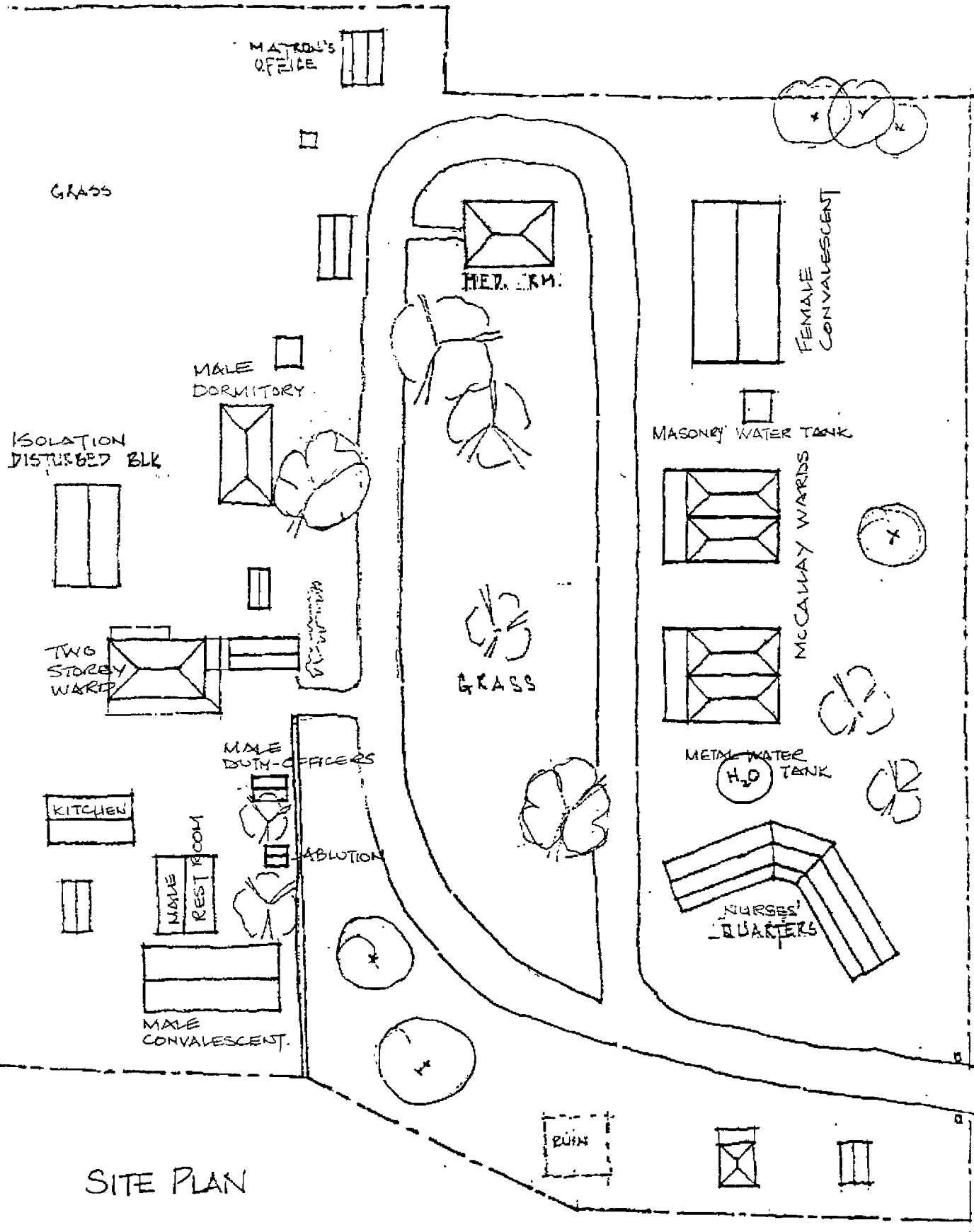


Photo FC-1: Chapel - west elevation.



SKETCH OF THE MENTAL HOSPITAL - ANTIGUA



## **MENTAL HOSPITAL**

The Mental Hospital Complex consists of a number of individual buildings. From the entrance, the female section is on the right and the male section is on the left. The medical administrative building is at the southern end of the site. Only the buildings that were damaged and were not condemned are addressed in this report.

### **3.18 Matron's Office**

#### **3.18.1 Description**

The building is a timber house with a double gable roof.

#### **3.18.2 Hurricane Damage**

Galvanized sheets were blown off one corner of the roof.

#### **3.18.3 Recommended Repairs**

1. Replace the galvanized sheets.

### **3.19 Female convalescent Ward**

This is a single storey blockwork building.

#### **3.19.1 Hurricane Damage**

Gutter at rear of the building was missing.

#### **3.19.2 Recommended Repairs**

1. Replace the gutter.

### **3.20 Masonry Water Tank**

#### **3.20.1 Description**

The tank is a masonry tank approximately 32-ft x 25-ft x 15-ft high. At the time of inspection it was full of water.

#### **3.20.2 Hurricane Damage**

The galvanized roof and structure were blown off.

#### **3.20.3 Recommended Repairs**

1. Re-build a new roof.

### **3.21 McCallay Female Ward**

#### **3.21.1 Description**

This is a single storey timber building with a galvanized roof.

#### **3.21.2 Hurricane Damage**

A few roof sheets were damaged.

#### **3.21.3 Recommended Repairs**

1. Replace the damaged roof sheets.

### **3.22 Nurses' Quarters**

#### **3.22.1 Description**

This is a C-shaped timber building with a galvanized gable roof. At the front of the building is an open verandah with a lean-to roof. The roof had 5 wind turbine ventilators.

#### **3.22.2 Hurricane Damage**

The rear of the roof had lost a few sheets. The roof to half of the verandah along one side was blown off (Photo M-1). Two of the roof ventilators were blown off. (Photo M-2).

#### **3.22.3 Recommended Repairs**

1. Replace the verandah roof.
2. Replace the roof ventilators.
3. Repair the damaged roof sheets.

### **3.23 Duty Officers Rest Room**

#### **3.23.1 Description**

This is a small single room building with a felt covered roof.

#### **3.23.2 Hurricane Damage**

A section of the roof felt was torn off. The windows and the doors were damaged.

#### **3.23.3 Recommended Repairs**

1. Recover the roof with galvanized sheeting.
2. Repair the windows and doors.

### **3.24 Ablution Block**

#### **3.24.1 Description**

This is a small bathroom and toilet block beside the Officers rest room.

#### **3.24.2 Hurricane Damage**

A section of the roof felt was torn off.

#### **3.24.3 Recommended Repairs**

1. Recover the roof with galvanized sheeting.

### **3.25 Male Convalescent Ward**

#### **3.25.1 Description**

This is a masonry building approximately 60-ft x 28-ft with a single gable timber roof, clad with rusting galvanized sheeting. The windows have steel bars and hinged timber shutters (Photo M-3).

#### **3.25.2 Hurricane Damage**

Half of the sheeting on side of the gable was blown off.

### 3.25.3 Inspection

The condition of the roof sheeting was deteriorating. The windows and doors were in poor condition.

### 3.25.4 Recommended Repairs

1. Replace the roof sheeting.
2. Re-build the windows and doors.

## 3.26 Male Patients Rest Room

This is a masonry building approximately 40-ft x 20-ft with a single gable timber roof, clad with roofing felt. The building is a single room with a high roof line.

### 3.26.1 Hurricane Damage

A portion of the roof felt was torn off.

### 3.26.2 Recommended Repairs

1. Remove the roofing felt and replace with galvanized roof sheeting.

## 3.27 Two Storey Ward

This is a masonry two storey building approximately 86-ft x 26-ft with a timber first floor and a timber structure hipped roof. The roof was clad with galvanized sheeting. The building had a covered timber external walkway at first floor level, on its southern side.

### 3.27.1 Hurricane Damage

The southern side of the roof was stripped of its sheeting (Photo M-4).

### 3.27.2 Inspection

The entire building was in disrepair. The first floor boarding and staircase were rotten. This section of the building was un-safe and un-used (Photo M-5). From the appearance of the soffit of the roof, the sheets were leaking for a very long time before the hurricane.

### 3.27.3 Recommended Repairs

1. Rebuild the roof.
2. Repair the first floor, stairs and elevated walkway.

## 3.28 Isolation Block

### 3.28.1 Description

This a single storey masonry block with individual cell rooms.

### 3.28.2 Hurricane Damage

A number of the timber window shutters were off or hanging by one hinge (Photo M-6).

### 3.28.3 Recommended Repairs

1. Re-build new window shutters and double timber doors.

## 3.29 Dormitory Block

This a single storey masonry building approximately 63-ft x 23-ft with a hipped galvanized roof.

### 3.29.1 Hurricane Damage

A few sheets were lost from the east side of the roof.

### 3.29.2 Inspection

The building was in poor condition. The sheets were rusting. There were trees growing out of the side of the building near the roof line. The building has individual cells/rooms with open slop sinks. The pipes from the sink were broken in numerous locations. The rendering to the corner of the building was deteriorating.

### 3.29.3 Recommended Repairs

1. Replace the roof.
2. Make good the walls .
3. Make good the plumbing.

### 3.29.1 Cost

The estimated cost of repairs is US\$ 177,000.00. The summary of the cost is shown on the following page.