

3.33 John Hughes Clinic

3.33.1 Description

John Hughes clinic is housed in a single storey dedicated building. It is approximately 40-ft long by 23-ft wide with masonry walls and a light weight corrugated galvanized roof. The roof sheeting and ceiling was supported off Ex 8"x 3" timber purlins built into the walls. The building has a small service yard to the rear and a small open patio to the front.

3.33.2 Hurricane Damage

The galvanized sheets were peeled back from the edge purlin at the rear of the building. At one side of the roof, a section of the T1-11 plywood ceiling boards were sucked off by the wind. On the other side, a tree had fallen onto the roof (Photo JH-1, JH-2). The support blockwork piers to the water tank had collapsed (Photo JH-3). To the front of the building, on side of the roof to the open patio had fallen from its pipe support (Photo JH-4).

3.33.3 Repairs

Close inspection revealed that the purlins had shown signs of termite infestation and rot where they were built into the walls. The ends of the sheets were not nailed into the edge/fascia purlin as shown in Photo JH-1. The water tank was elevated above the original 8" supports, by un-reinforced 6" blockwork which was not anchored into the original piers.

Based on the above, the recommended repairs are:-

1. Re-build the roof and patio.
2. re-mount the water tank on new piers.
3. Cut down the tree.
4. Re-decorate the building internally.
5. Re-lay or replace the vinyl tiles that were lifted by flood water.

The estimated cost of the repairs is US\$ 24,300.00. Summary of the cost is shown on the following page.

Health Services Facilities - Antigua

John Hughes Clinic

Estimated Cost of Repairs

Summary

Item No	Description		
1	Rebuild roof and patio		\$27,800
2	Replace vinyl tiles		\$4,700
3	Painting		\$3,870
4	New tank support		\$1,000
			\$37,370
	Preliminaries & overheads (33%)		\$12,330
			\$49,700
	Contingency (10%)		\$4,970
			\$54,670
	Consultancy fees (20%)		\$10,900
	Total estimated cost (EC\$)		\$65,600
	Total estimated cost (US\$)		\$24,300

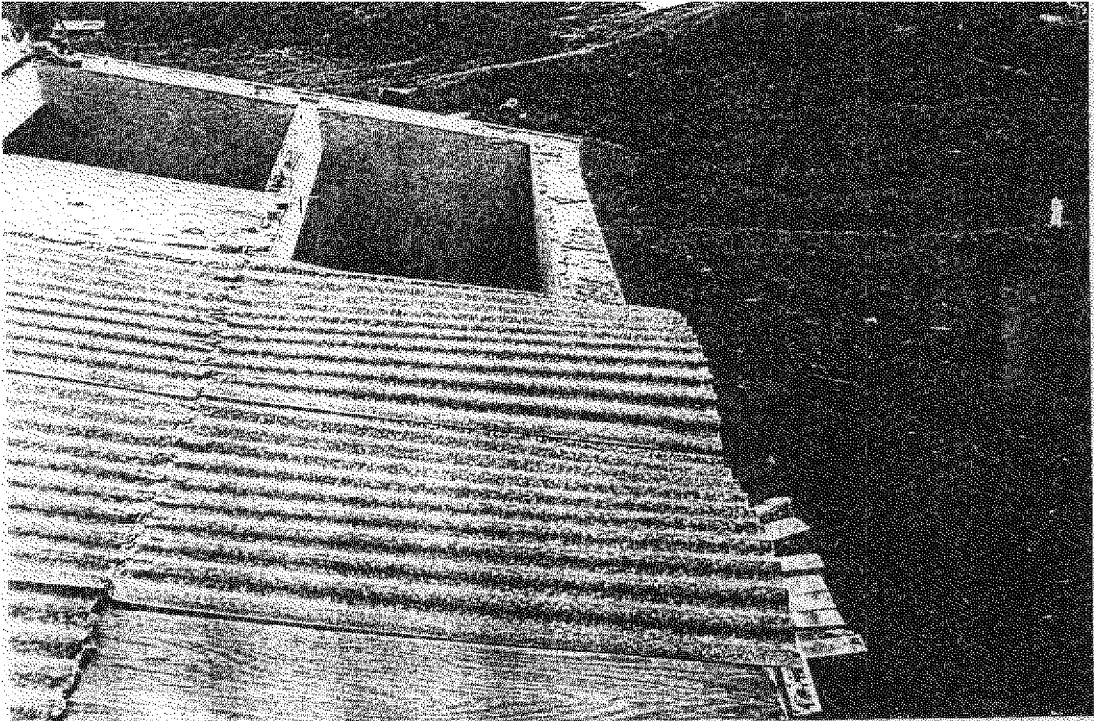


Photo JH-1: Area of sheeting and ceiling missing.
Note: No evidence of nails at end of sheets.

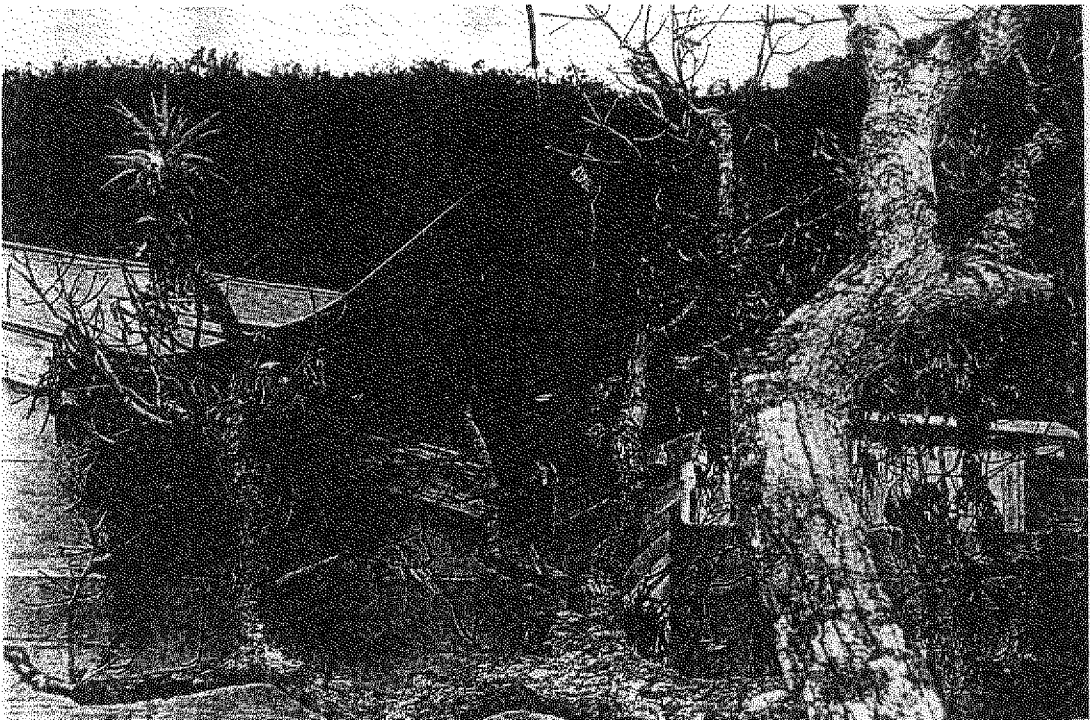


Photo JH-2: Sheets blown back and then tree fell on roof.