

**Appendix G.**  
*Minimum Standards Checklist*

**MINIMUM STANDARDS FOR CONSTRUCTION/RETROFITTING HOMES TO  
WITHSTAND HURRICANE WINDS UP TO 130 MPH (CLASS III)**

**A. Foundation:**

1. Solid cement/concrete pillars firmly embedded 18 inches in ground with ½" steel reinforcement bar extending 12-14 inches (300mm - 350mm) above foundation

*or*

2. Wooden pillars (6"x 6" minimum or 8" diameter) treated lumber, sunk more than 4 feet into the ground

**B. Walls:**

1. Wall plate/sill attached to cement foundation/pillars by min. 12-cm anchor bolts

*or*

2. Wall plate/sill attached to wooden pillars by straps and nails
3. Floor joists toe-nailed to wall plate
4. Wall uprights (studs) fixed to sill and top wall plate with hurricane straps
5. Wall uprights located at 2' 0" centers
6. Double studs around doors and windows, cross braces at corners

**C. Roof:**

- 1 Hip or gable shaped roof with at least a 22° - 30° degree slope.
- 2 Overhang NTE 8" unenclosed, or 18" enclosed
- 3 Ventilation installed in gable ends facing away from the hurricane winds
- 4 Rafters attached to wall plate with twisted metal straps
- 5 Rafters located at centers NTE 2' 0"
- 6 Every second set of rafters connected by collar ties beneath the ridge board
- 7 Cross-laths (purlins) located at centers NTE 2' 0"
- 8 Galvanized sheets of ideally 24 gauge and no thinner than 26 gauge.
- 9 Galvanized sheets to overlap longitudinally at least one complete corrugation, and laterally 6"-8".
- 10 Galvanized sheets nailed at top of every corrugation at eave and ridge board and every second corrugation on lath/purlins
- 11 Ridge is capped and nailed at every corrugation
- 12 Dome head galvanized nails or washered bolts used for roofing
- 13 Patio/veranda roof is separate from house roof

**D. Windows/Doors**

1. Shutters made and attached for rapid closing  
*or*
2. Shutters pre-made and stored to be nailed in place before storm strikes
3. Family trained to either keep all entrances closed throughout storm period and/or open entrances on opposites sides of house to allow air pressure to neutralize.

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**Summary**

Building meets all minimum hurricane resistance standards of Caribbean Disaster Mitigation

Program: \_\_\_\_\_  
(Signature) (Date)

Building fails to meet minimum hurricane resistance standards of Caribbean Disaster Mitigation Program. The following items must be completed in order to qualify for final loan disbursement:

- 1)
- 2)
- 3)
- etc....

(Signature) \_\_\_\_\_  
(date)