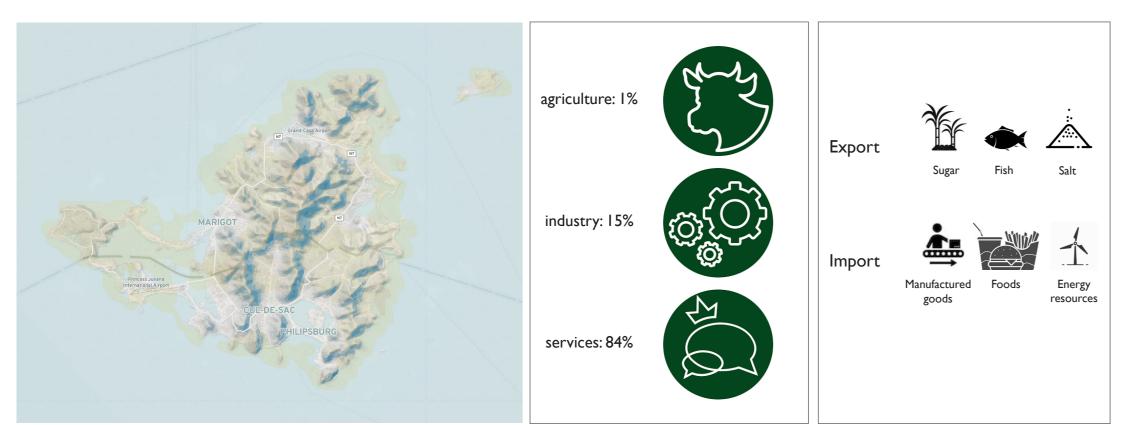


Decentralized Water Management System In Sint Maarten



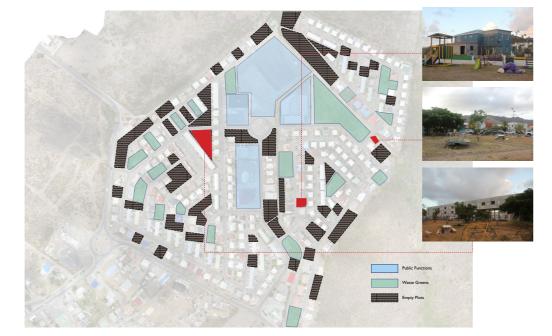
A Tiny Island



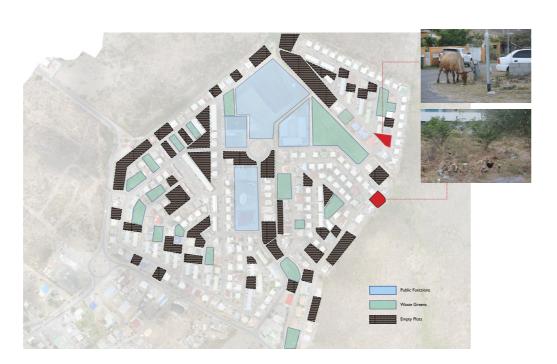
Focus Point

Design Pilot

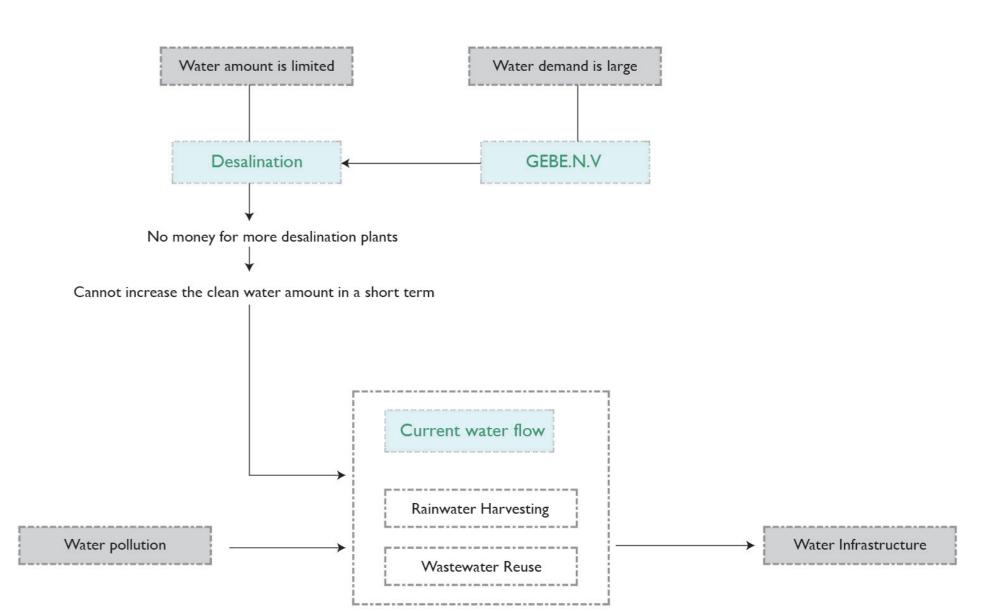




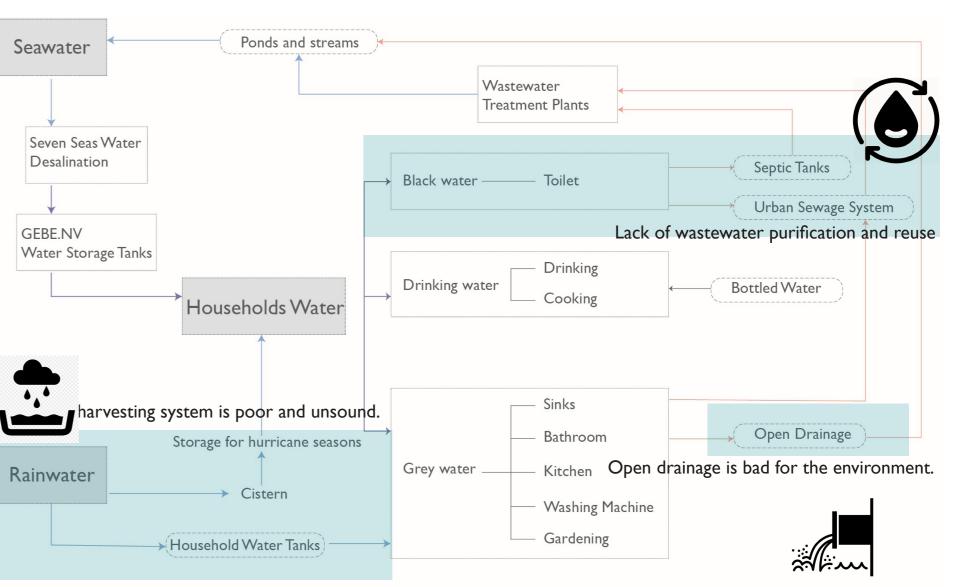




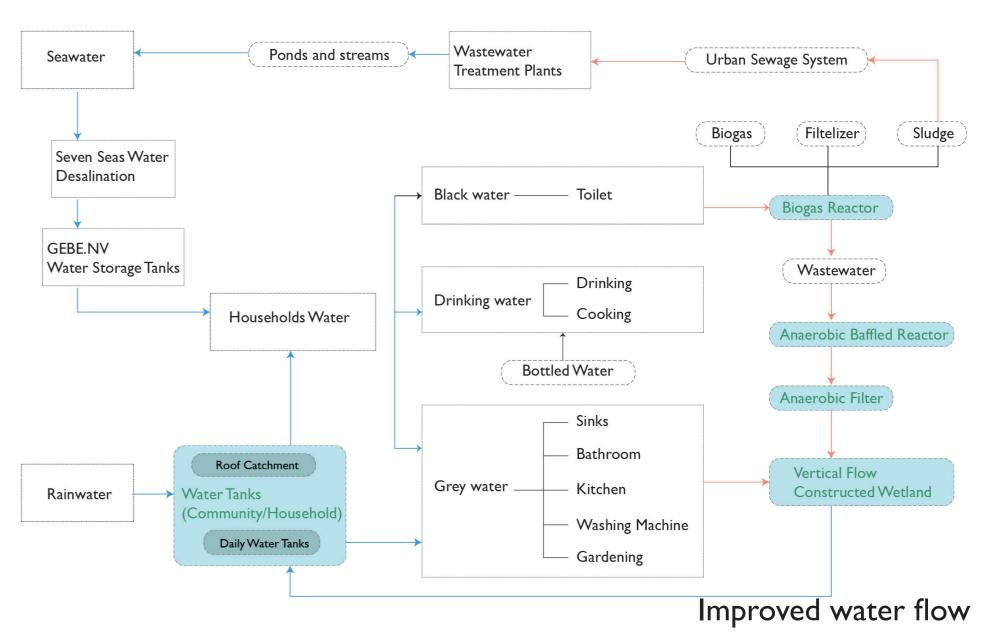
The Birdview Of The Project



Water Issues



Problems in the current water flow

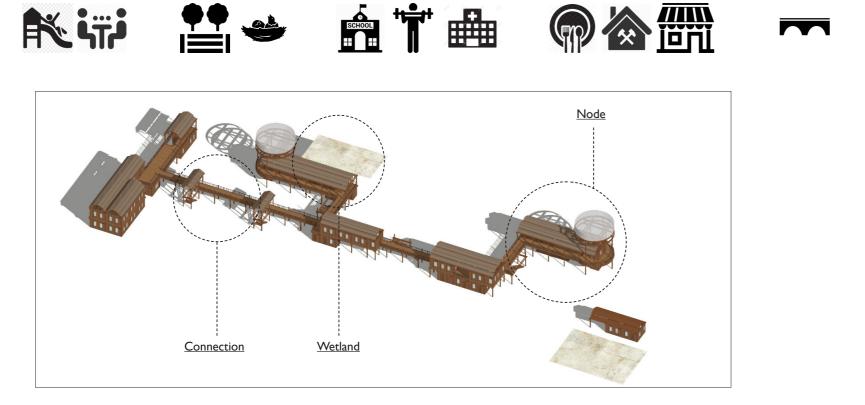


Social Issue



N⊕ Site Plan 1:500

Water infrastructure Weater fanis: Weater fanis: Weater fanis: Water fanis: Water

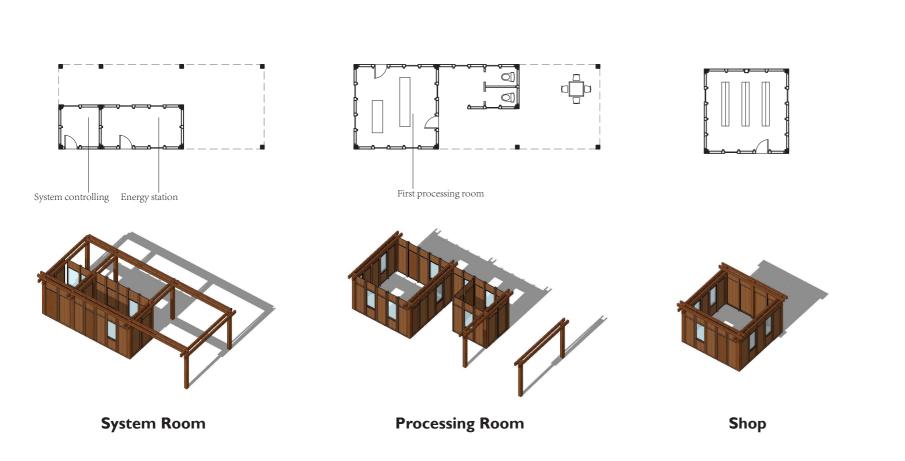


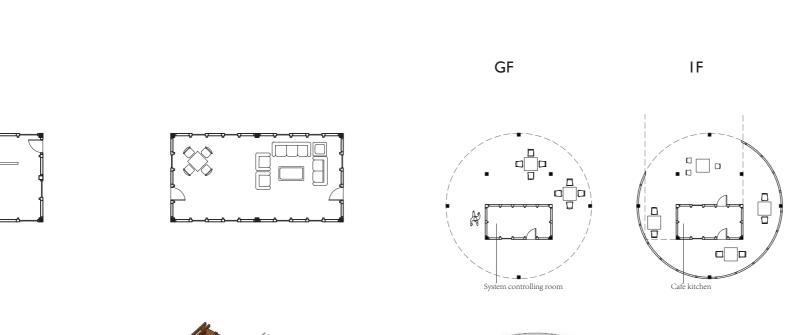
П

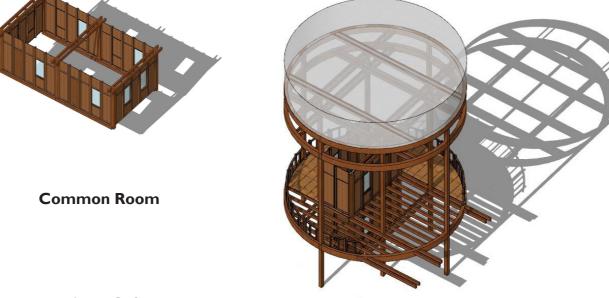
Three Types

Food & Material Workshop

Design strategy of building structure









Changing of a water grassland

Changing of a dry drainage



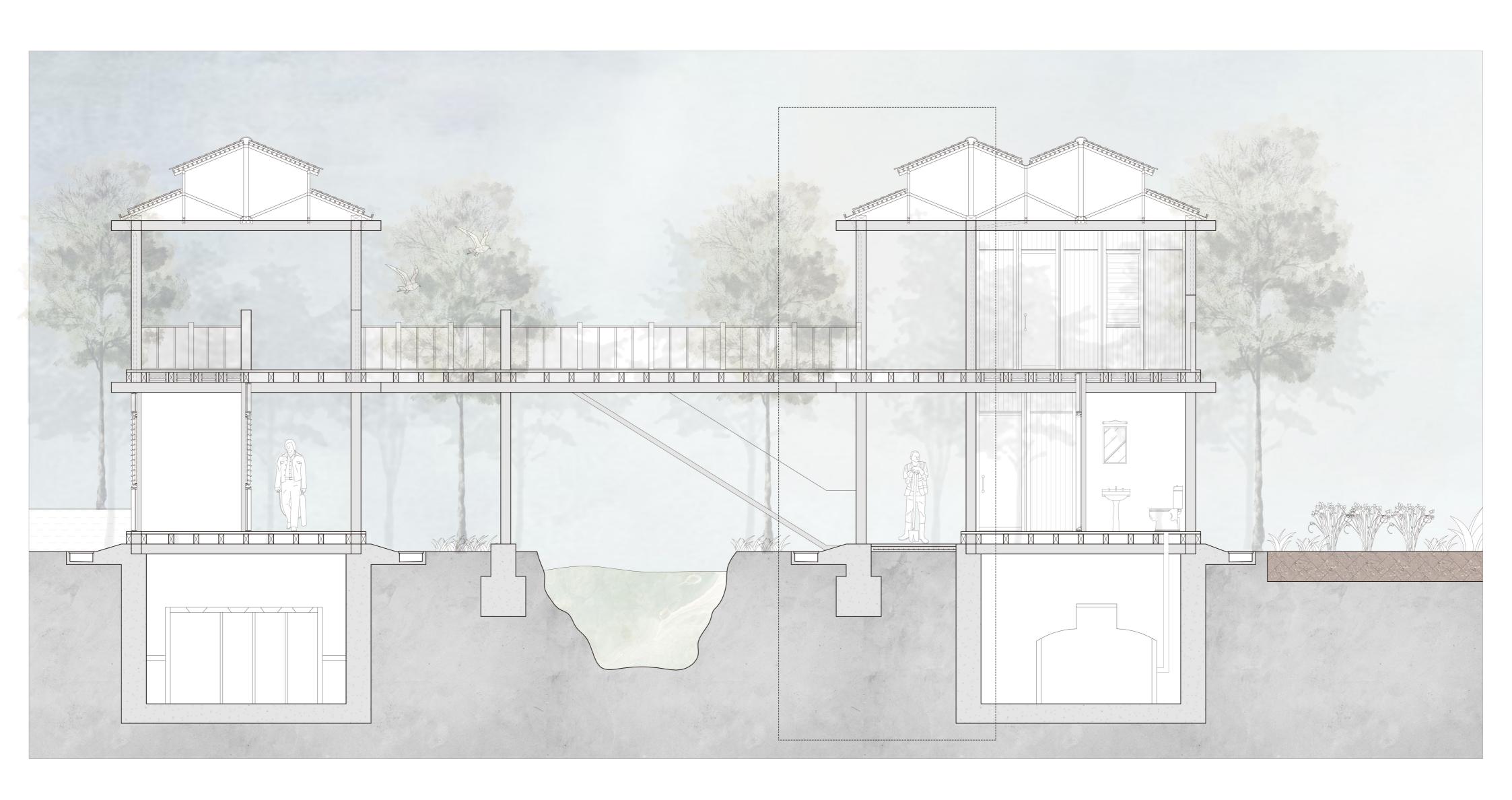
Changing of a street







Fragement Plan (The Ground Floor) 1:50



A-A Section 1:50

B-B Section 1:50

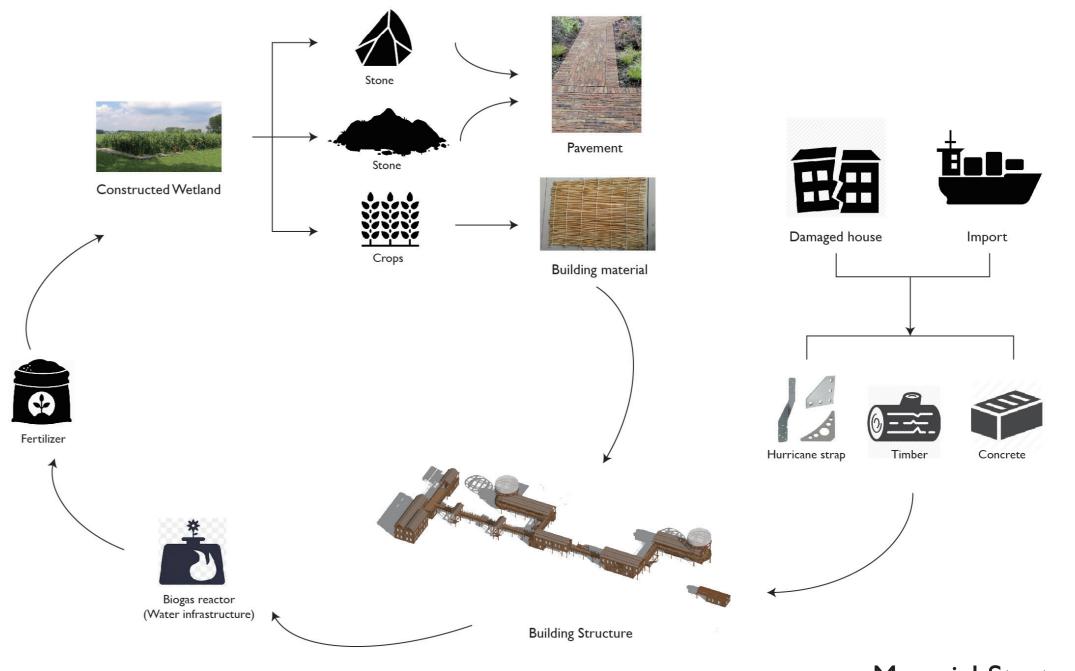




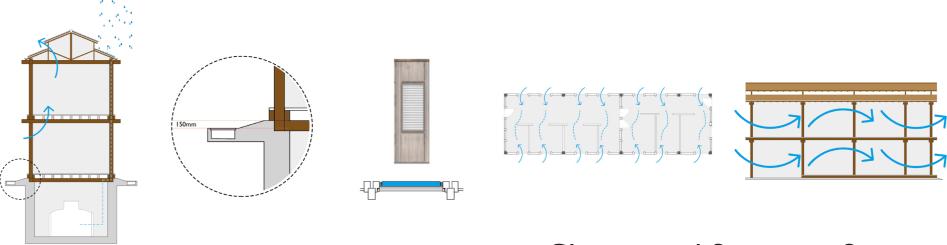
Panels Supporting column Main column Frame Plywood For 2.2m span In fill Old elm wooden planks For 4.4m span

Facade (Windows and doors)

04 Decentralized Water Management System In Sint Maarten



Marerial Strategy



Climate and Structure Strategy





Window panels as a bracing

Connection Method



Roof --- Hurricane strap





An extra tranglar bracing in stairs

Roof --- Hurricane strap

Structure --- Screw

External Facade 1:20 Vertical Section 1:20

