

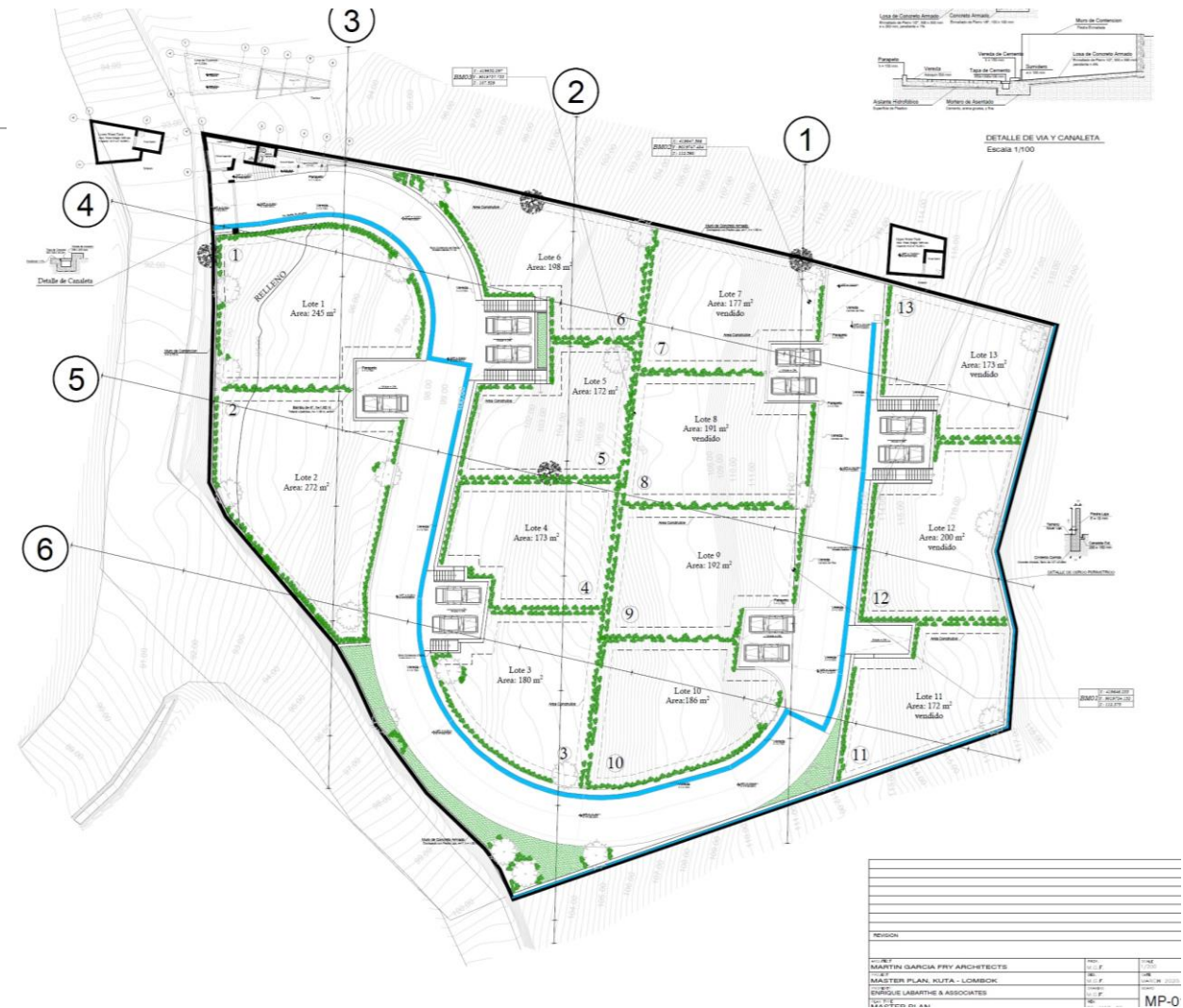
Lombok Paradise Hideaway

MARTIN GARCIA FRY, PHD, RA

Master Plan

Includes:

- Vehicle/Pedestrian Entrance
- Security Office
- Shared Bathroom
- Waiting area
- Electrical Box and Transformer
- Lower & upper water tanks w/bomb
- Road
- Rain water reservoir
- Rain water conduits
- Perimetric walls/fencing



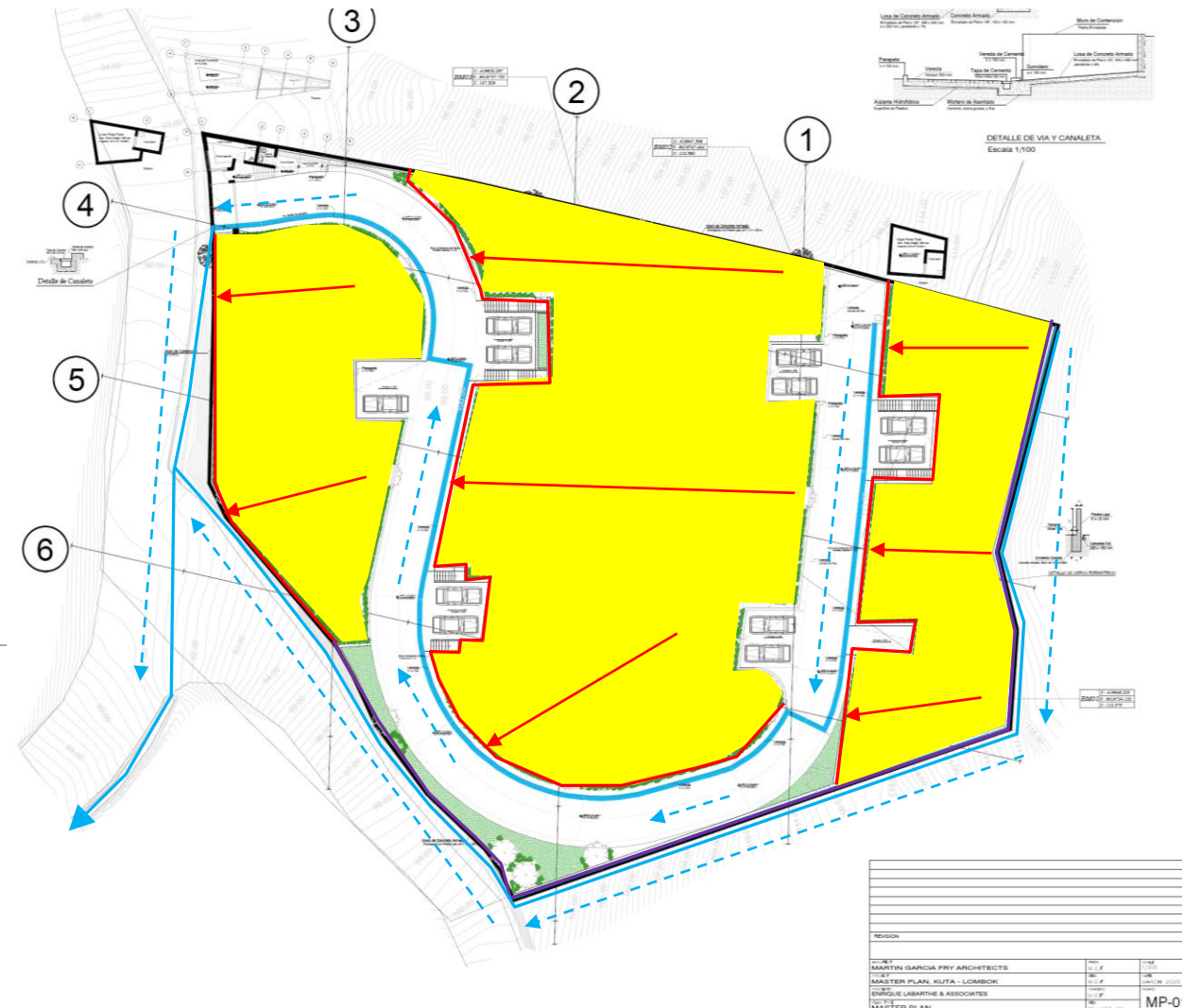
Flood Mitigation Infrastructure

First Line of Defense:

- Peripheral water retention walls and water channeling.
 - Flashflood mitigation.
 - Redirect excess rainwater.

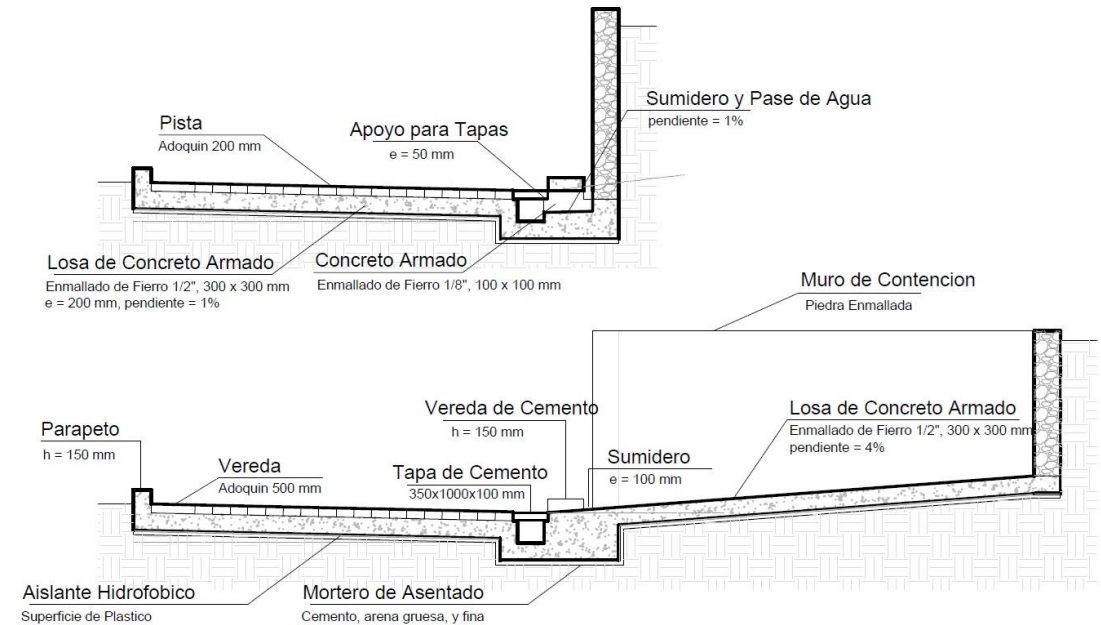
Second Line of Defense

- Internal water absorption walls and water channeling.
 - Improved water absorption.
 - Managed irrigation possible.
 - Fewer flashflood effects.
 - Optimized water ejection.



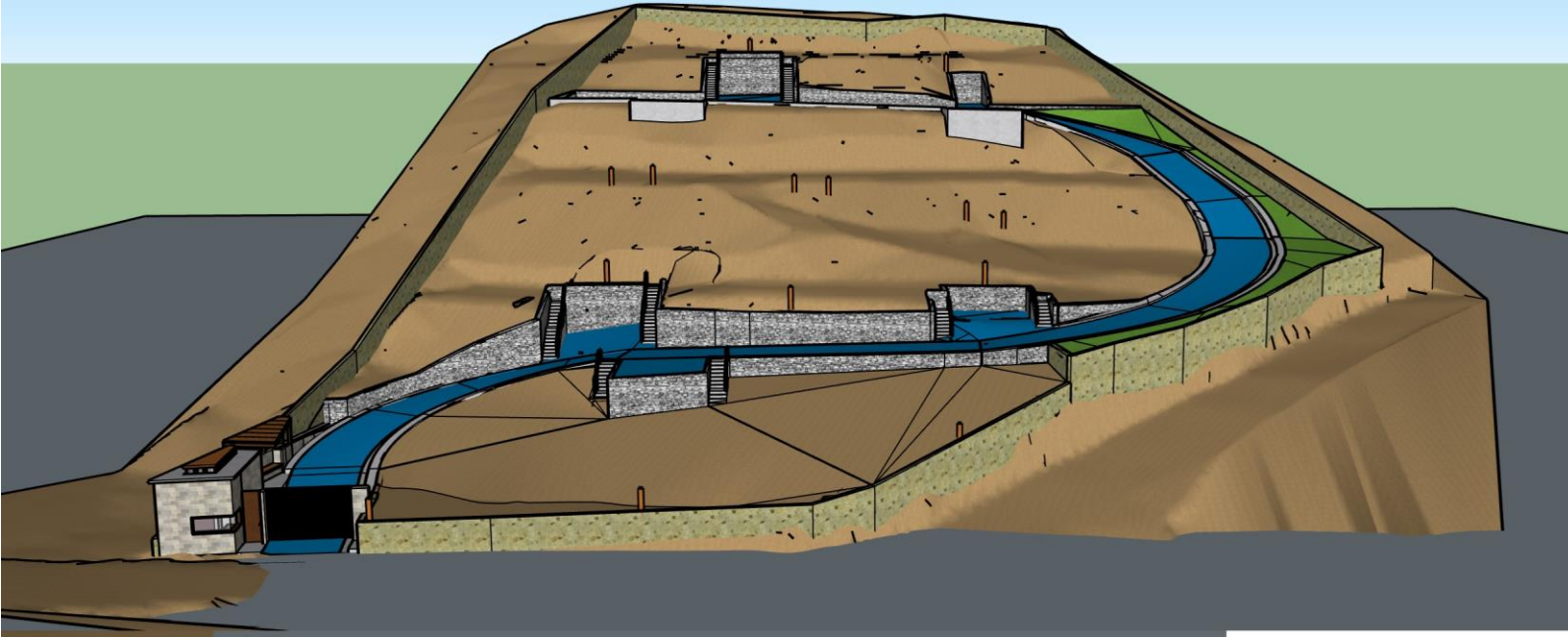
Flood Mitigation Infrastructure

- Slopping roads guide rain water to channels.
- A water pass parallel to all permeable walls allow water runoff retention and channeling.
- Elevated sidewalks allow mobility if the road's water capacity maxes out.
- Elevated sidewalks increase the channel's water capacity by 50%.



DETALLE DE VIA Y CANALETA
Escala 1/100

Preliminary Renders



Functional Vehicle Parking Areas

- A parking area has been allotted to each lot.
- Parking size = 1 vehicle + 1-2 motorbikes per lot.



Hazard Mitigation Solutions

- Trees stabilize the ground.
- Stonewalls sustain landmass/transition water runoff.
- The road directs rain water out of the parcel avoiding potential inundation.
- Sidewalks are elevated for safety reasons.

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In collaboration with

Enrique Labarthe & Associates