

June 11, 2019

Project : **Phases 2 and 3 of Barangay Old Sagay iHome Community Drainage System and CWTS**
Subject : **Photos and Graphics of Progress of Work and Proposed Additional Works (Phase 3)**

Picture No. 1: Site Development Plan of iHome Housing featuring wastewater treatment and re-cycling.



Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 2: Additional 16 meters of drainage canal.



Phase 1: Canal terminated at the corner of the duplex unit at the upper right corner of the photo above.



Phase 2: Canal terminated at the corner of the water utility's pumping station. Pre-cast concrete panels cover the portion in front of the duplex unit encroached upon by the project.

Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

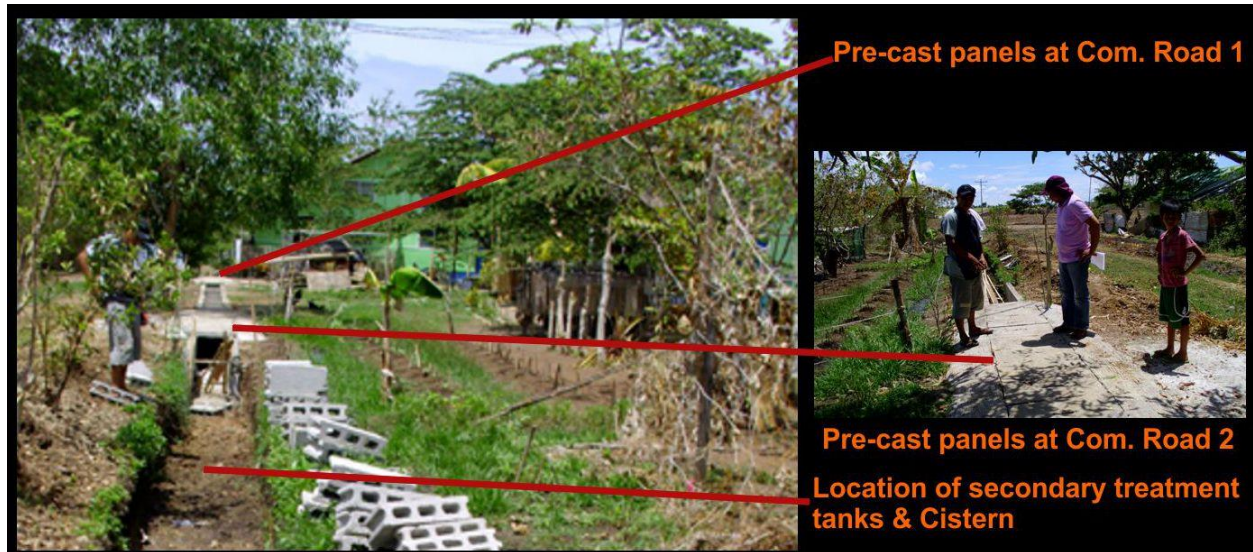
Picture No. 3: Additional 5 meters of drainage canal and pre-cast panels to cover parts of canal.



Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 4: Pre-cast panels at intersections of Main Road and Community Roads.



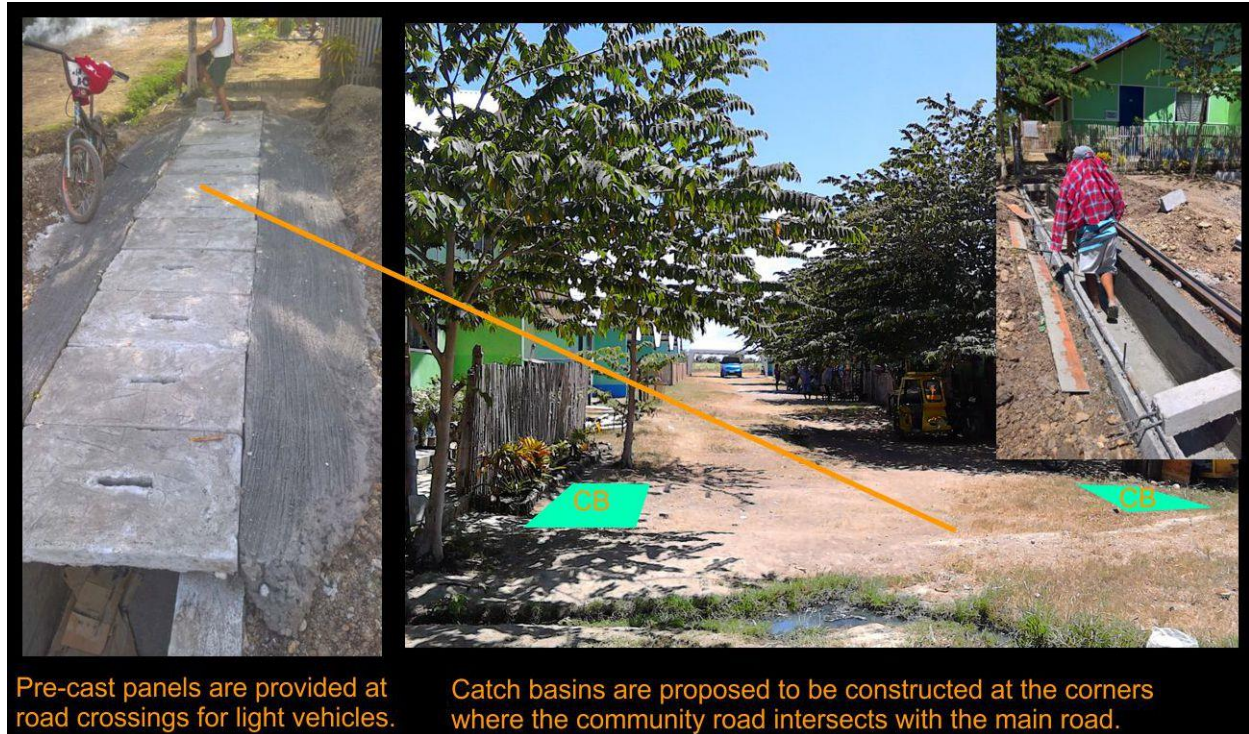
Explanatory Notes:

1. The pre-cast panels are strong enough to carry the passage of light vehicles normally used in the community, i.e., motorcycles, tricycles and bicycles.
2. There is another way going into the community for heavy vehicles like ambulance and firetrucks.
3. Community Road No. 2 is no longer as articulated as it was when the site was first developed as a housing site because home-partner residents actually planted crops on the designated road lot.
4. Community Road No. 2 will be cleared of all obstructions primarily for emergency considerations.

Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 5: Catch basins at road intersections.



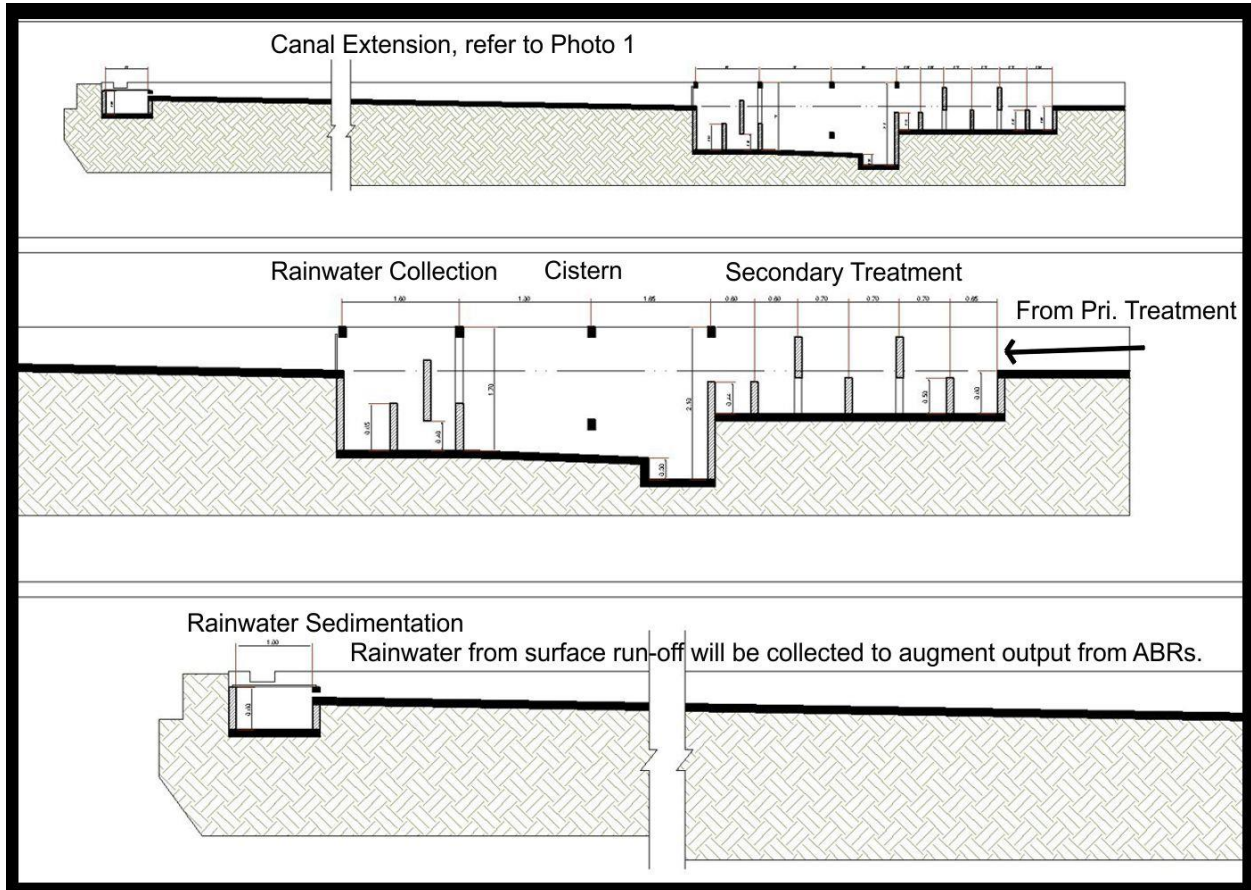
Explanatory Notes:

1. The community roads slope down towards the drainage canal and when it rains the muddy surface run-off will flow into the canal carrying with it debris and mud.
2. The cover at the sides of the pre-cast concrete panel can block most of the flow but during a heavy downpour there will be an over-flow.
3. By constructing catch basins on intersection corners the flow of debris and mud can be minimized to a large degree because it will act as a sedimentation chamber.
4. Muddy water flowing directly into the secondary treatment tank will require extensive maintenance during the rainy season and the catch basins will help in reducing the maintenance load on residents who will be acting as facility care-takers.

Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 6: Secondary Treatment Tanks, Cistern and Rainwater Collection Tank



Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 7: Damaged greywater lines.



The existing greywater line has extensive damage. Much of the damage may be attributed to the fencing work by home-partners.

Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City
Telephone No. (034)431 1128

Picture No. 5: Rainwater harvesting potential of drainage canal in combination with greywater line.



Report Prepared By:

UBALDO F. RAMOS, JR.

Member of the Board

IHome Western Visayas, Inc.

Better Lives through Better Homes

Door 5, 2/F LCC Cooperative Building, Gatuslao St., Bacolod City

Telephone No. (034)431 1128