

THE ALLIANCE ROTARY CLUB  
IS SUPPORTING AN INTERNATIONAL  
PROJECT TO GUATAMALA. THE COUPLE  
BEHIND A LOT OF THIS IS FROM  
ALLIANCE. THIS COUPLE HAS SPENT  
MANY YEARS OF VACATIONS WORKING  
IN GUATAMALA. THEY HAVE PROVIDED  
SHELTER, TAUGHT WELDING, AND NOW  
THEY WANT TO CONSTRUCT A FISH FARM  
ALSO.

THIS COUPLE HAS DECIDED TO  
MOVE DOWN THERE PERMANENTLY SO  
THEY CAN DO MORE WORK.

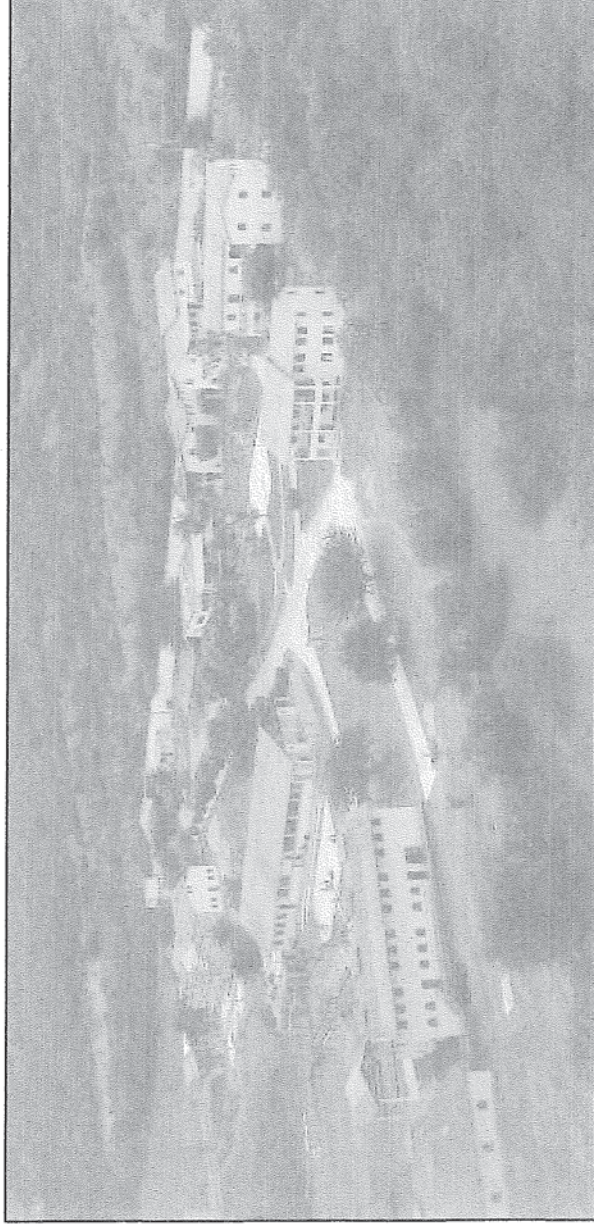
THE ALLIANCE ROTARY CLUB HAS  
DONATED \$1000 TO THIS PROJECT. WE  
ARE ASKING OUR SISTER CLUBS FOR  
A DONATION OF ANY AMOUNT TO HELP  
US OUT. THEY WILL BE CONTINUING TO  
BUILD SHELTER, TEACHING, AND PROVIDING WORK.

THANKS

GENE NERLAND AOC  
PO BOX 392

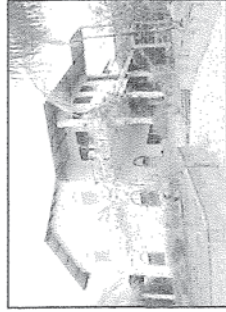
The Alliance Project

# House of Hope Zacapa - Guatemala



House of Hope – Llano de Piedra, Zacapa, Guatemala

The House of Hope (HOH) orphanage project started in 1998 being founded on a vision to provide a “family community” to abandoned and orphaned children. Children live in homes with volunteer house parents, and, together, they form a “family” where kids can experience the love and nurturing all children desire. HOH is committed to these children throughout the passages of life as our relationship is based on family commitment and a desire to see them find success and happiness in life.

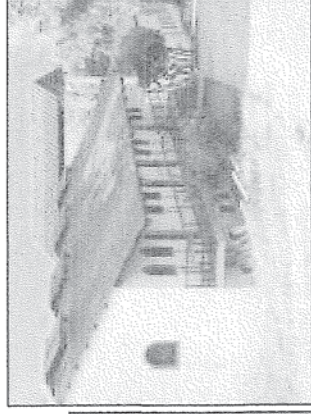


House of Hope Children's Homes

The homes of the children have two levels. On the ground level, there is the kitchen, dining room, living room, community bathroom and a bedroom for the house parents. The second level is divided in two sections – one for girls and the other for boys. Each section has a two bedrooms and a large bathroom.



Study table



School and shops



Classroom

At HOH, we have a bilingual school. The school has classrooms, a library, a computer lab and an office. We also have a vocational center with shops for welding, automechanics and carpentry. Our mission is to provide and education and life skills to each child.

## Fish Farm Project Proposal

House of Hope is a donation-based non-profit organization. Our property was purchased under the restriction of being a legal Guatemalan non-profit association. As a result, our property can only be used to support non-profit organizations. You can rest assure that an investment in House of Hope property will always be used for non-profit intentions.

We are committed to finding ways to support our orphanage through the development of agricultural projects on campus. These food producing ideas will reduce overhead costs. House of Hope will have about 100 children when fully operational. Our Fish Farm Proposal has capabilities of not only providing food for our children but has the potential to be a viable business opportunity that would lend financial assistance to our work. The Fish Farm Project will be a long term sustainable project whose proceeds will be used to help at risk children in the future.

Tilapia is the type of fish most commonly used for fish farming in Zacapa. These fish require only about 4 feet of water to live. I have attached some crude drawings to help visualize the fish farm project and some photos to help you visualize the area where we intend to locate the project. The area is somewhat steep but the angle will allow the water system to operate by gravity flow. We will need to "terrace" the earth from the high point to the low point. Our intention is to install a solar pump to continually fill our water storage tank which will then distribute water to the various ponds.

### Solar Panels and Solar Water Pump

Estimated cost - \$5000

#### Water Storage Tank

Rough estimate of costs for tank and pipelines (16'X16'X12')

(estimates in quetzals)

3000.00	200' 2" PVC pipe (laguna to storage tank)
200.00	Turn on and off valve (2")
5000.00	1000 8" block
3000.00	45 bags of cement
900.00	Sand
2000.00	Steel rebar
800.00	Cal
<u>8000.00</u>	Labor (two workers)
22900.00	(about \$2935.00)

#### Each Fish Pond (rough estimate of costs)

Width 6' Depth 4' Length 30'

1500.00	Backhoe (approximate hours of labor - terracing, cutting, cleaning and digging out one pond... 5- 6 hours)
2400.00	36 bags cement
900.00	Sand
400.00	Shale rock
1000.00	Mesh wire
1000.00	6" valve (drain and cleaning)
200.00	8' segment of 6" PVC pipe (drain)
<u>150.00</u>	20' of 2" PVC pipe (feeder and flow system)
7550.00	(about \$970.00)

Our intention is to build the water storage tank, prepare the site for 6 fish ponds, build one pond, install a solar pump and then build other ponds as funds allow.

Cross



Wall Property

Public Canal



Infill

Fish Pond #3

Fish Pond #4

Fish Pond #2

Fish Pond #5

Fish Pond #1

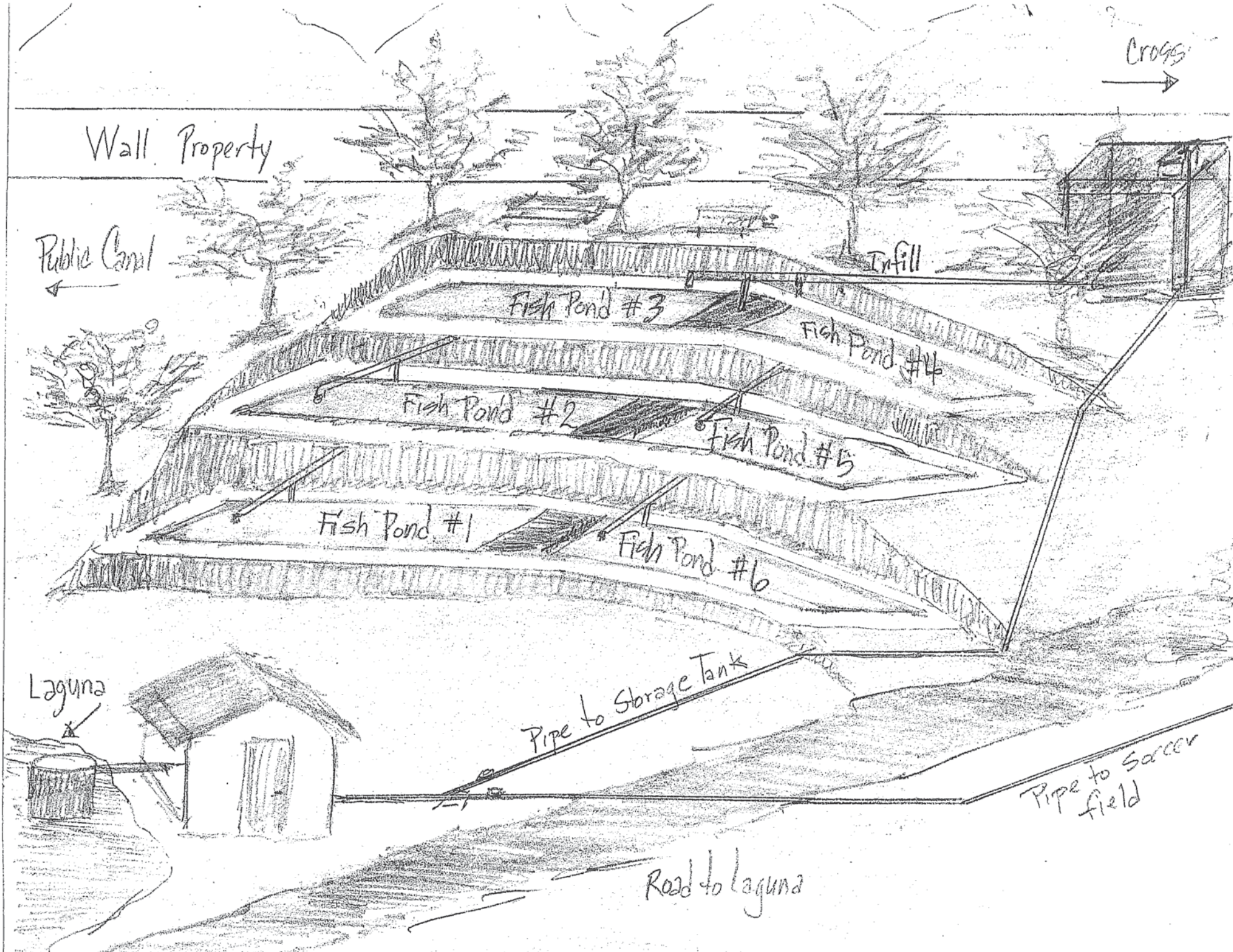
Fish Pond #6

Laguna

Pipe to Storage Tank

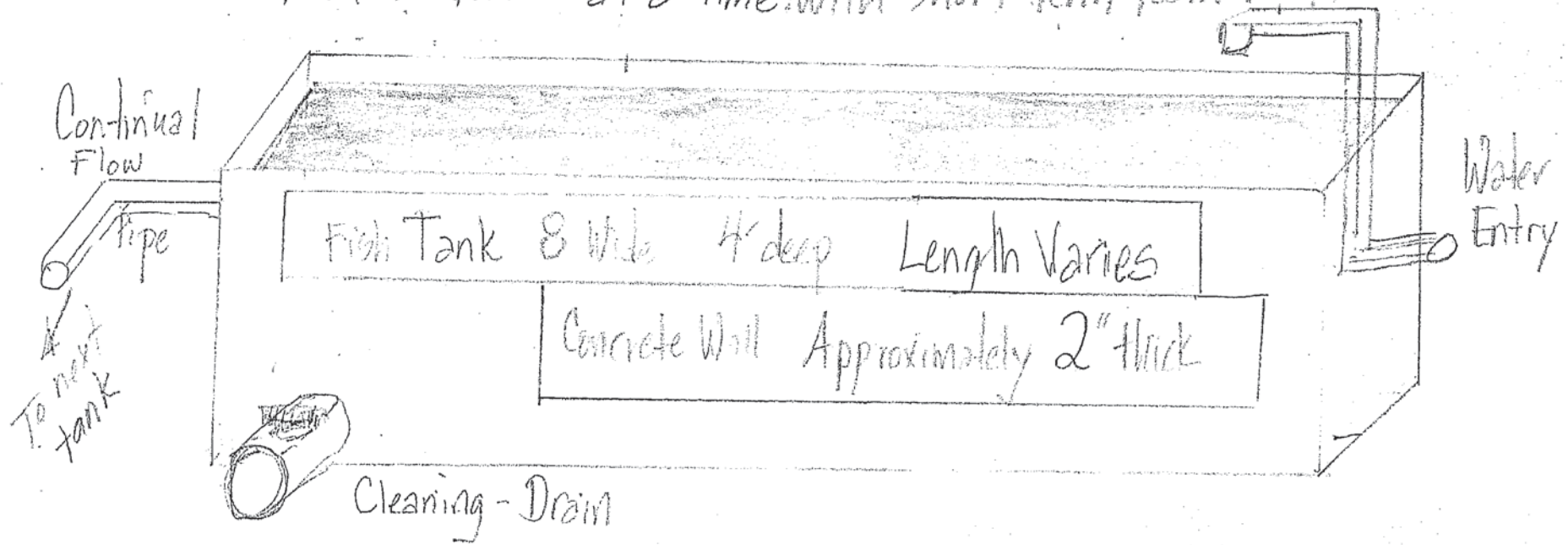
Pipe to Soccer field

Road to Laguna



# Fish Ponds Project 2013

Ponds dug out of earth and lined with concrete. Ponds will follow contour of embankment. One pond will be poured at a time with short-term team help.



Plan is to start with 1 or 2 ponds - 2013  
Plant fingerlings and see how it goes. Continue project when funds are available and success is assessed.