



The
WORD
at **WORK**

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NOWRA

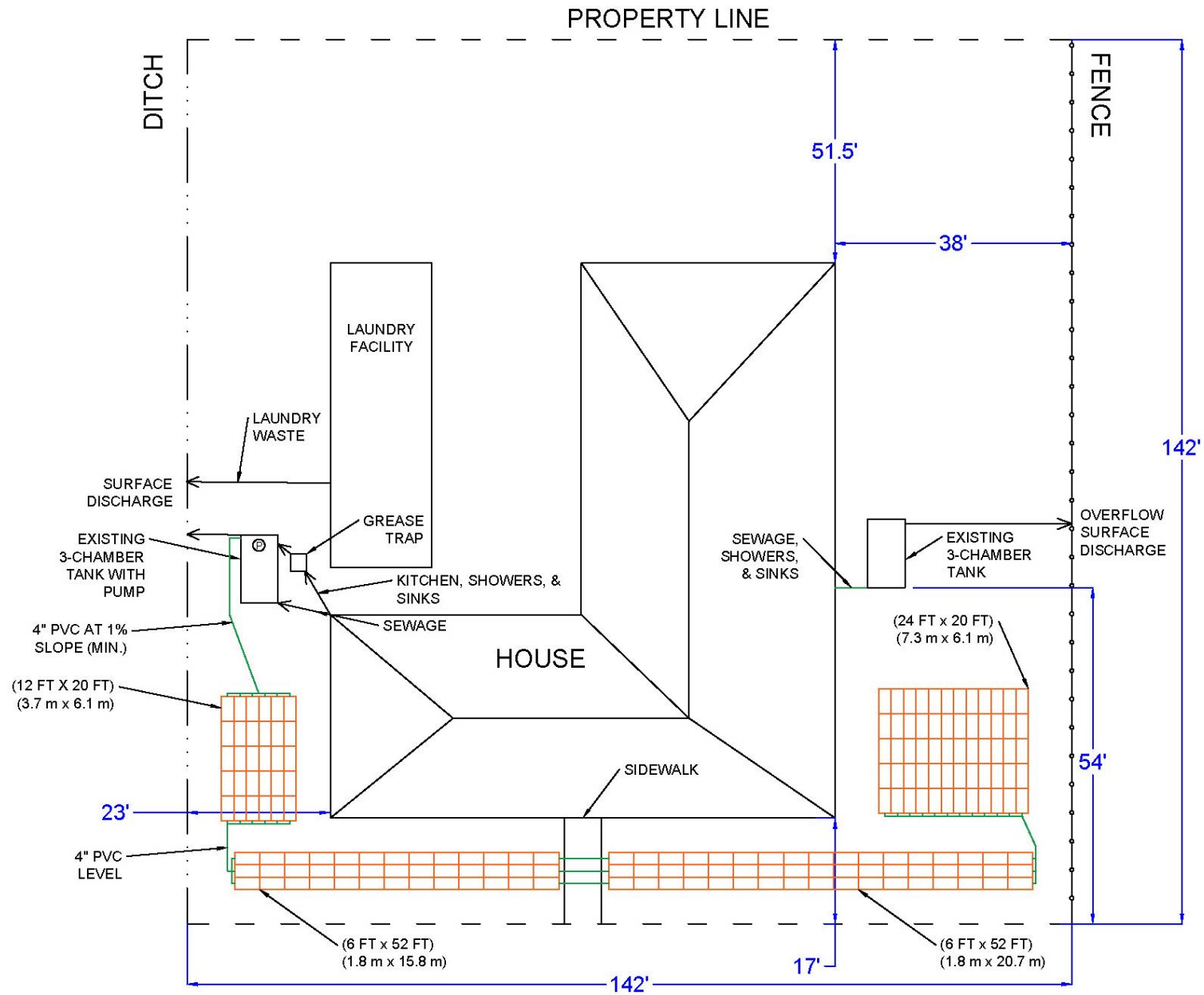
National Onsite Wastewater Recycling Association

**MAKING A
DIFFERENCE IN BELIZE**

MARLA'S HOUSE OF HOPE

NOWRA helped design the septic system and provide the needed materials.



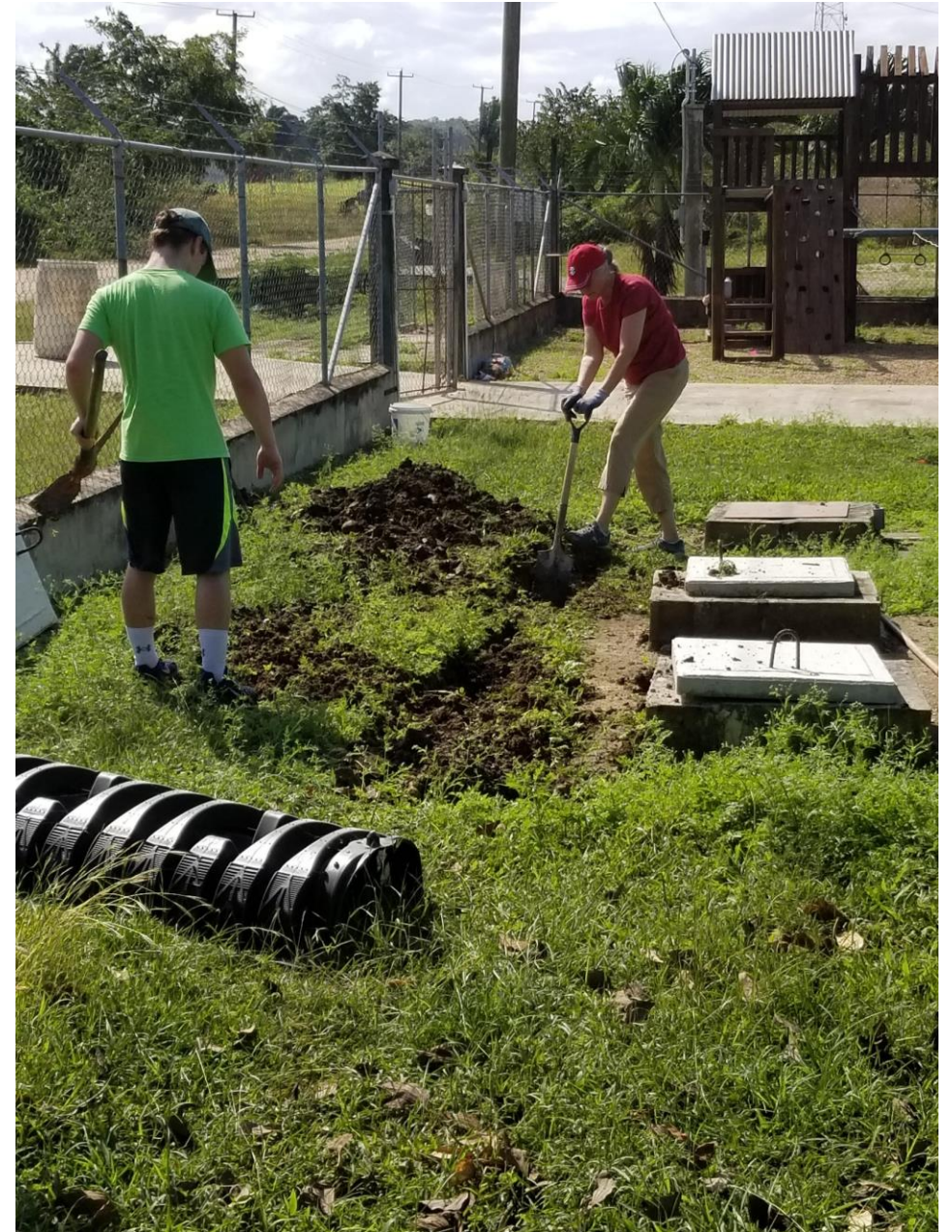


BASIS OF DESIGN:

GIVEN:
 METERED FLOW: 31,750 GPD
 AREA SHOWN: 1,440 SF
 CHAMBER TYPE: Q4 EQ36 LP
 NUMBER OF CHAMBERS: 175, USE 180
 (1,400 SF) / (8 SF/CHAMBER)

KITCHEN AND LAUNDRY SYSTEM ARE
 $\frac{2}{3}$ OF THE TOTAL FLOW.
 $\frac{2}{3} \times 1,050 \text{ GPD} = 700 \text{ GPD}$
 AREA REQUIRED:
 SOILS - ASSUMED 0.5 GPD/SF
 $(700 \text{ GPD}) / (0.5 \text{ GPD/SF}) = 1,400 \text{ SF}$

Septic Tank with Lift Station and Infiltrator Chambers













The King's Children's Home Orphanage

Building on our shared success, we are seeking NOWRA and their members' help in providing clean drinking water for the children.



THE KING'S CHILDREN'S HOME ORPHANAGE



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