

- 4. Solicit Turnkey Bid Cost for the installation of State approved New Tank--
 Martig Engineering will prepare a prospectus for the construction of the New Tank and send it to qualified Vendors for them to send us Firm Cost State for the New Tank.
- a. Date-- Early February 2009;
- b. District Engineer-- Frank Merryweather;
- c. Required Tank Size-- Obtain/Determine tank size required by State for the New Tank.

- 3. Meet with State Dept. of Health:
 - a. Date-- January 21, 2009 at 10:00 AM;
 - b. Planner-- Grace Miller;
- 2. Meet with Mason County Planning to provide them with copies of our "Tank Placement Studies" and outline required Permits and potential Variances:
 - a. Size-- A black polyethylene tank holding 4,480 gallons; 8.5'-Dia.; 12.67'-High (no higher than existing tank #2).
 - b. Location-- At northwest corner of 20.0' wide utility easement that runs north-south past existing 40'x40' tank Lot.
 - c. Connection-- A temporary 3" Diameter PVC pipe, approximately 90' to 160' long, would connect the Temporary Tank to the existing pipe from the Well.
 - d. Cost-- \$5000.00 plus or minus (Tank Cost delivered is \$3,795.00 and could be resold for maybe \$1500.00).
- 1. Place a New Temporary Tank for use until the old tanks are removed and the new one is on-line:
 - a. Size-- A black polyethylene tank holding 4,480 gallons; 8.5'-Dia.; 12.67'-High (no higher than existing tank #2).
 - b. Location-- At northwest corner of 20.0' wide utility easement that runs north-south past existing 40'x40' tank Lot.
 - c. Connection-- A temporary 3" Diameter PVC pipe, approximately 90' to 160' long, would connect the Temporary Tank to the existing pipe from the Well.
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Martig Engineering has prepared the following Schedule for replacing the two Redwood Tanks with one new Tank, to be located at the site of the existing tanks.

Dear Mr. Anderson:

Re: New Water Tank Schedule for Hartstine Island Water System.

Hartstine Island Estates Association
 c/o Dean Anderson
 3410 Broadmoor Dr. NE
 Tacoma, WA 98422

January 18, 2009

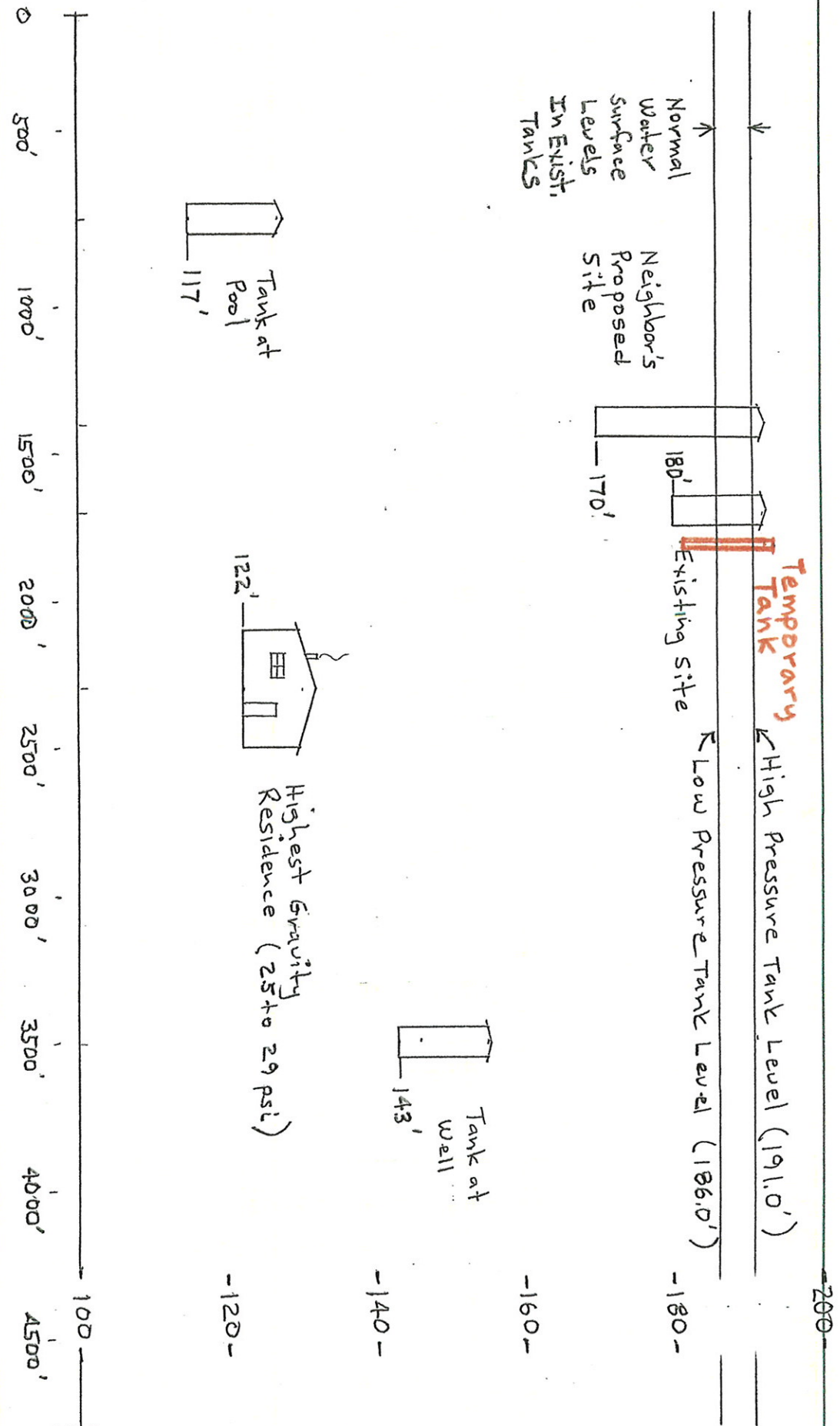
Martig Engineering
 P.O. Box 11850
 Olympia, WA 98508-1850
 (360) 754-9687
 Fax (360) 705-0789

Kenneth W. Martig, Jr. PE

Respectfully:

Note: The necessary Clearing of the existing Right-of-Way and the purchase and placement of the Temporary Tank can be done by the Community at any time, once the Community agrees to proceed with this plan. Note also, that the Temporary Tank may be necessary due to the string of bad Coliform water quality tests.

- 7. Construction-- Complete by end of August 2009.
 - 6. Award Contract: Mid June 2009.
 - a. Award.
 - b. Funds-- Funds must be in guaranteed format at time of Contract agreement for assessments;
 - a. Date-- Mid April to end of May 2009 to process Community against each Lot for Funding the Project;
 - 5. Obtain Community Funding-- Using the Budget Cost Estimate developed by Martig Engineering, secure Community agreement for assessments
 - a. Date-- Late March, early April;
 - b. Date Proposals Returned-- Mid May.
- Received Cost Proposals will include all necessary elements of the project, excluding Engineering and Inspection Costs.
 Proposal for removing the old tanks and installing the New Tank.



System layout

ATTACHMENT 4
Tank Ground
Elevations Comparison

ITEM NO.	QUAN.	DESCRIPTION	UNIT	PRICE	TOTAL PRICE
		102 DIA			
		152" dia			
		980 lbs			
		fresh from			895.00
		transport to			
		Hamptone Island.			
		3 x 3/4" 1/4" x 3/4"			7350
					4425.384

PROJECT _____
 ENGINEER _____

BID DATE _____

SALESMAN _____

Bellevue	425-746-8400	Olympia	360-459-7300
Bellingham	360-734-8400	Pacific	253-863-8600
Bremerton	360-377-4507	Pasco	509-545-0255
Clackamas	503-656-3900	Spokane	509-568-8400
Hillsboro	503-626-2466	Wenatchee	877-526-2100
Mayville	360-651-2400	Yakima	509-248-8400

H.D. FOWLER COMPANY
ESTIMATE

Post-it[®] Fax Note 7671

To Ken

Co./Dept. _____

Phone # _____

Fax # _____

Date 1/27/09 # of pages 1

From Dennis

Co. _____

Phone # _____

Fax # _____

$A = \pi D^2 = \pi (8.5')^2 = 56.745 \text{ ft}^2$

Vol per ft of height = $56.74 \text{ ft}^2 \times 7.48 \text{ gal/ft}^3 = 422 \text{ gal}$

Pump on/off } Vol = $1.5 \times 424 = 635 \text{ gal}$

Active Range of Tank Level } Total Vol @ 11.5' = 4880 gallons