

LAYOUT 9/27/2011 INSP 4 11/2/11 12/2/2011
 INSP 2 10/20/2011 INSP 5 11/3/11
 INSP 3 10/27/2011 INSP 6 11/21/11

ISSUE DATE: 8-11-10 **PERMIT** P 533961
 APPROVAL DATE: 12/5/2011 A UPGRADE

Tax ID # 1403292339

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH**

4M
4M Contracting LLC IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: 443.277.7526

SUBDIVISION: BUCKSKIN WOODS LOT NUMBER: 51

ADDRESS: 4268 MAISEL FARM LANE PROPERTY OWNER: HONG TAO MA

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250
~~1000~~ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: >3,500

LINEAR FEET OF TRENCH REQUIRED: 180

TRENCHES:	Trenches to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below grade. Effective area begins at 2 feet below original grade with 2 feet of stone below distribution pipe.
LOCATION:	Pump, fill & collapse existing septic tank. Set septic tank & pump tank per Proposed System "B" shown on plan. Run 3 x 60' trenches on contour. Forest Con disturbance for force main OK w/ DPZ.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: HEIDI SCOTT DATE: 7/19/2010

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

11/21/2011 -

Need tank baffles. Need to cement on distribution box port. Need pump and alarm test. Need to pump out and abandon any necessary parts of existing septic system. 12/2/2011 Pump and alarm working. Homeowner has decided that he wants to add a trench. Installer had been telling him that there

See As-Built Drawing
On Separate Sheet

was more than 140' of trench. He had paid for at least 180' of trench. O.K. to install a 60' trench below the 70' trenches. (BB)

12/5/2011 Homeowner still complaining. Told installer that he could install a short trench at the end of the existing trenches to connect them. Decided to let homeowner keep the old septic system in use since he can't move into barn until he gets approval from DILP. He agreed to abandon ~~old~~ septic system and connect to well (see his letter). No ICOP until done. (BB)

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		2
TOTAL LENGTH		200+
ABSORPTION AREA		600+ and Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	
MANUFACTURER	Maryland Concrete
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5-2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front+Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	10/17/2011

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	Maryland Concrete
CAPACITY	1000 GAL
SEAM LOC	TOP
TANK LID DEPTH	3-3.5'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	7/19/2011

PRE-CONSTRUCTION

9/27/2011 Contractor wanted to install an at-grade system. Told him to just stick to trenches. Easement not staked. Installer wants to connect all plumbing together and run out of side of barn like in "proposed system A". Pump chamber upgraded to 1250 gallons (BB)

INSTALLATION:

10/20/2011 Laid out trenches. (BB)

10/27/2011 Trenches dug but not gravelled. Some clay has washed into trench bottoms because of rain. Not much rock at 4' and above. (BB) 11/2/2011 Finishing trenches, installing pump line. (BB) 11/3/2011 Tanks set. Tank holes over dug. Told installer to put gravel under tank connections. Water in bottom of tank holes. (BB)

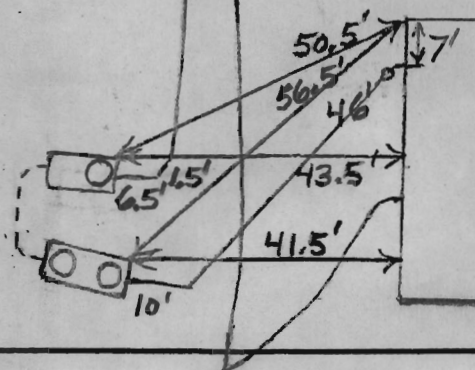
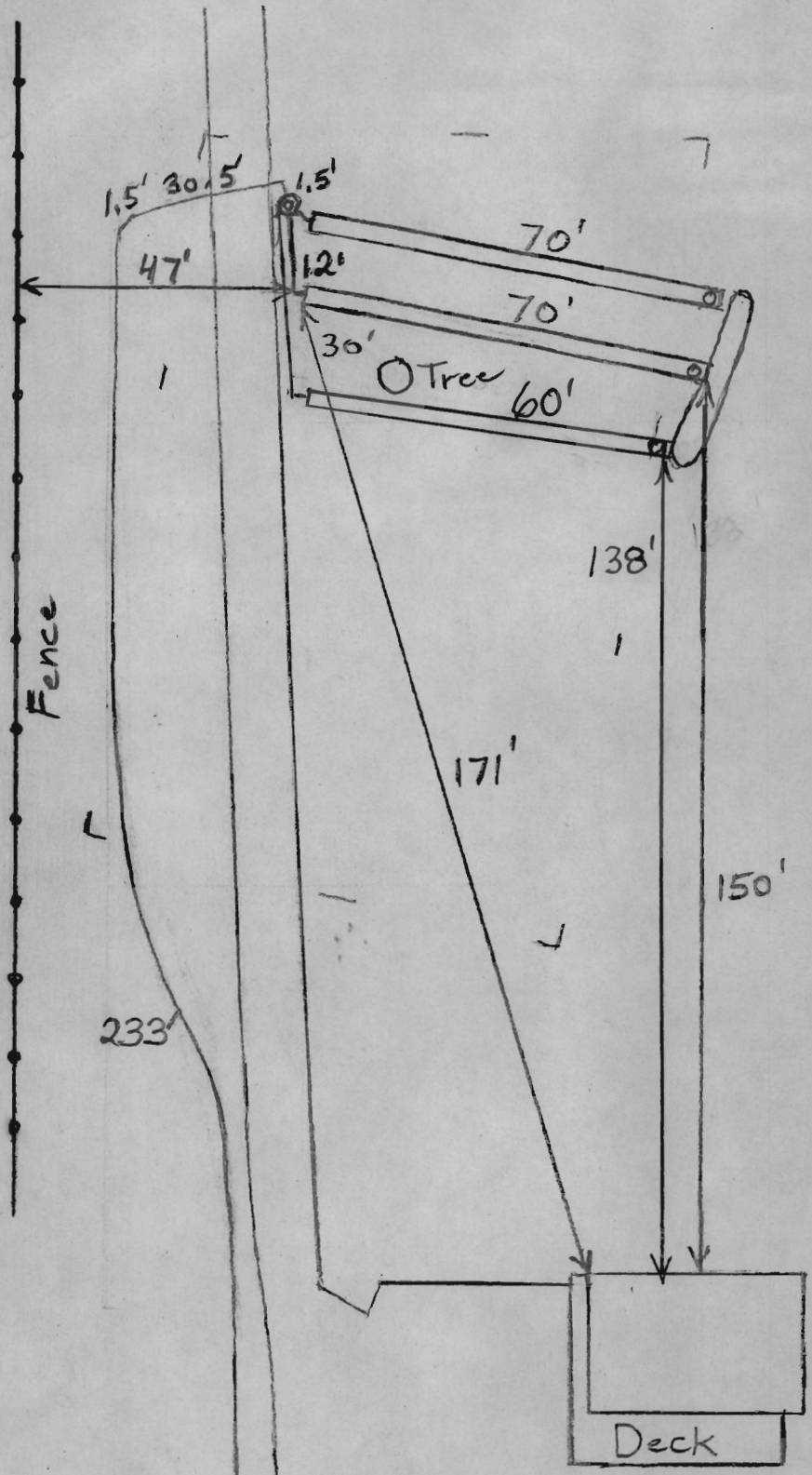
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

12/5/2011

↑ Well → HO-94-1546



4268 Maisel Farm Ln. or
 12935 Folly Quarter Rd.

FREEDOM SEPTIC SERVICE, INC.

24 Hour Service
2809 Liberty Road
Eldersburg, Maryland 21784
(410) 795-2947

JOB WORK ORDER

041949

DATE OF ORDER

PHONE
BILL TO: <u>Longtal Ma</u>
ADDRESS: <u>4268 Maisel Farm Rd</u>
CITY: <u>Ellicott City, MD 21042</u>
LOCATION OF SEPTIC: <u>Back</u>
LAST PUMPED
NEW CUSTOMER

DESCRIPTION OF WORK

Pump Septic PR. W. # 108
11-23-12
16h

Fri 11/23/12

A 15% Late Charge will be assessed 30 days after date of service.

NOTICE TO CUSTOMERS

I understand that Freedom Septic Service, Inc. is not responsible for any damage to driveway or lawn while rendering services on the above property.

Date Completed

TOTAL MATERIALS	
TOTAL LABOR	
TAX	
TOTAL AMOUNT	<u>190.00</u>

- NO ONE AT HOME
- TOTAL AMOUNT DUE FOR ABOVE WORK; OR
- TOTAL BILLING TO BE MAILED AFTER COMPLETION OF THE WORK

Signature _____
I hereby acknowledge the satisfactory completion of the above described work

PROPOSAL

PROPOSAL NO.	111
SHEET NO.	
DATE	

PROPOSAL SUBMITTED TO:

NAME	Hong Tao Ma
ADDRESS	4268 Maisel Farm Lane Ellicott City MD 21042
PHONE NO.	410 493 4950

WORK TO BE PERFORMED AT:

ADDRESS	
DATE OF PLANS	11/23/12
ARCHITECT	

We hereby propose to furnish the materials and perform the labor necessary for the completion of _____

Old septic tank abandon:

10 ton dirt \$ 400.⁰⁰

Labor to fill out tank \$ 400.⁰⁰

paid

total \$ 800.⁰⁰

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work, and completed in a substantial workmanlike manner for the sum of _____ Dollars (\$ _____)

with payments to be made as follows:

paid in full

Respectfully submitted _____

Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control.

Per _____

Note - This proposal may be withdrawn by us if not accepted within _____ days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Date 11/23/12

Signature _____

Signature _____

B & B SPECIALIST, LLC

4333 MAISEL FARM LANE, ELLICOTT CITY, MD 20142



October 23, 2012

Hong-Tao Ma

TO: 4268 Maisel Farm Lane
Ellicott City, MD 20142

PROJECT: Residence - Well Pump -

We propose to furnish all labor and material according to plans and specifications consisting of the following:

PLUMBING

Permit - Pit-less adapter

3/4 horse power 3 wire pump 10 gallon minute

Extrol Water Tank - WX-255 Tank

Piping from Well to Residence (300')

Wiring from well to Extrol tank

wiring & piping in well (250 ft deep well)

Set Tank

NOTE: by others - wiring from electrical panel to water tank

WE propose to furnish all of the above material and labor necessary to complete the job in accordance with drawings for the sum of **\$5,200.00**.

DEPOSIT: \$2,200.00 RECEIVED 10/23/12

BOB 443-472-0949

BRENT 443-745-8094

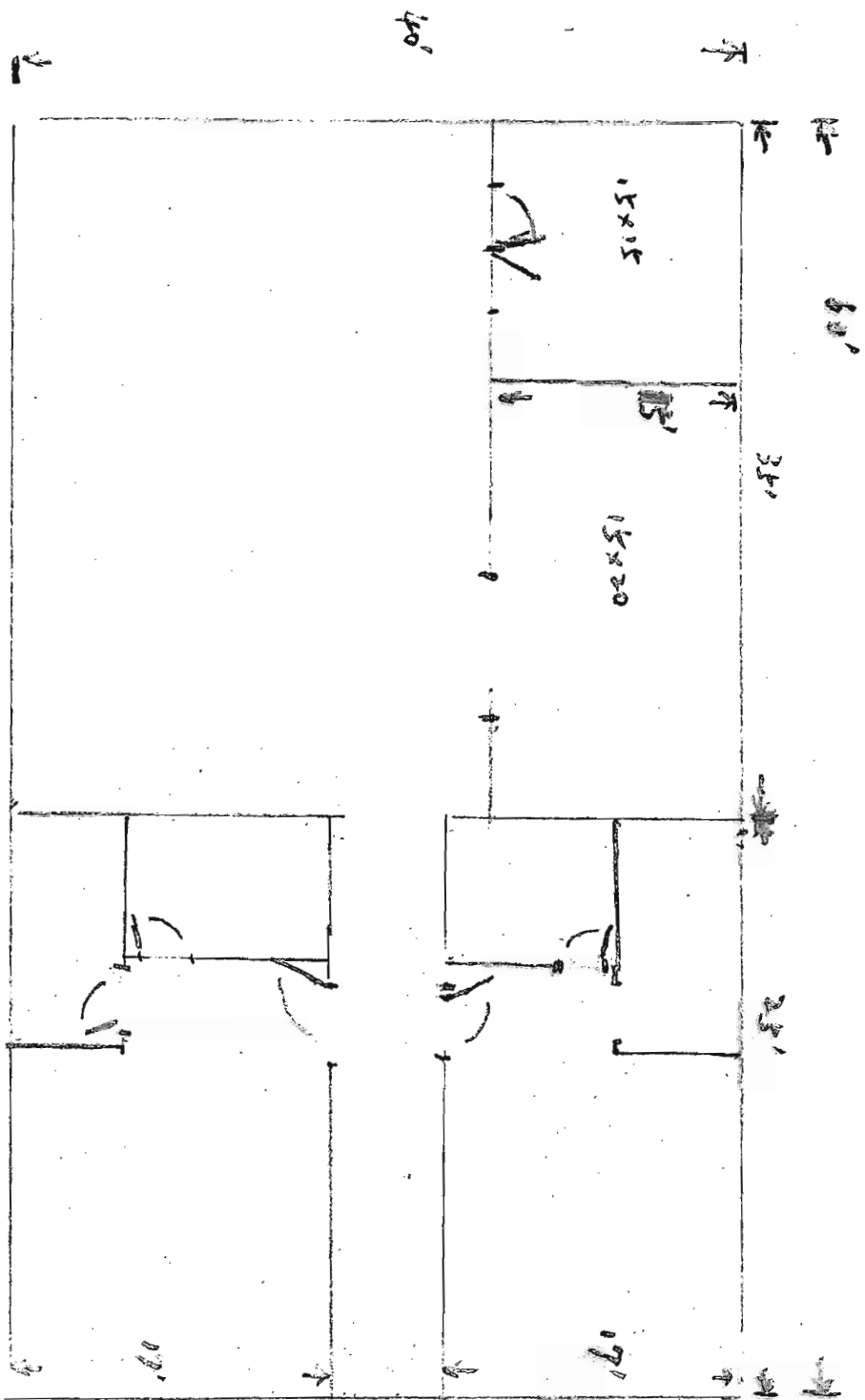
FAX 410-531-1940

December 2, 2011

I, Hong Tao Ma, the owner of property
4268 Maisel Farm Ln, will finish the renovation
work in one year after building permit is
issued from county. When renovation work is finished
the old septic tank will be abandoned immediately.
Also, the water will be connect to new well
during the renovation.
The existing house will have no plumbing.

Hong Tao Ma





4268 Maisel Farm Lane
 Ellwood City 21042
 Ma's property

