

**Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172**

PERMIT INFORMATION

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

SITE EVALUATOR STATEMENT

6-5-13
Date
labelleseptic@rivah.net

Page 1 of 3
HHE-200 Rev. 08/2011

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation

HANCOCK

Street, Road, Subdivision

ROUTE 1

Owner or Applicant Name

ROSS MAWHINNEY

SITE PLAN

Scale 1" = 60 Ft.

SITE LOCATION PLAN

(Attach map from Maine Atlas for First Time System Variance)

U.S.R.T. 1
Alden Bunker Enterprise

*
SITE

(SEE ATTACHED SITE PLAN)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

1/2" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILT LOAM TO CLAY LOAM TO CLAY	FRIABLE COMPACTED	DARK BROWN (10YR 3/3) DARK YEL. BROWN (10YR 4/6) OLIVE BROWN (2.5Y 4/3)	N.E. COMMON DISTINCT
10			
20			
30			
40			
50			

Soil Profile	Classification	Slope	Limiting Factor	Ground Water	Restrictive Layer	Bedrock	Pit Depth
9	C	4%	15"				
	Condition		Depth				

Observation Hole #2 ☒ Test Pit ☐ Boring

1/2" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILT LOAM TO CLAY LOAM TO CLAY	FRIABLE COMPACTED	DARK YELLOWISH BROWN (10YR 3/4) OLIVE BROWN (2.5Y 4/3)	N.E. COMMON DISTINCT
10			
20			
30			
40			
50			

Soil Profile	Classification	Slope	Limiting Factor	Ground Water	Restrictive Layer	Bedrock	Pit Depth
9	D	4%	12"				
	Condition		Depth				

W.C. 2.7
Site Evaluator's Signature

319
S. E. #

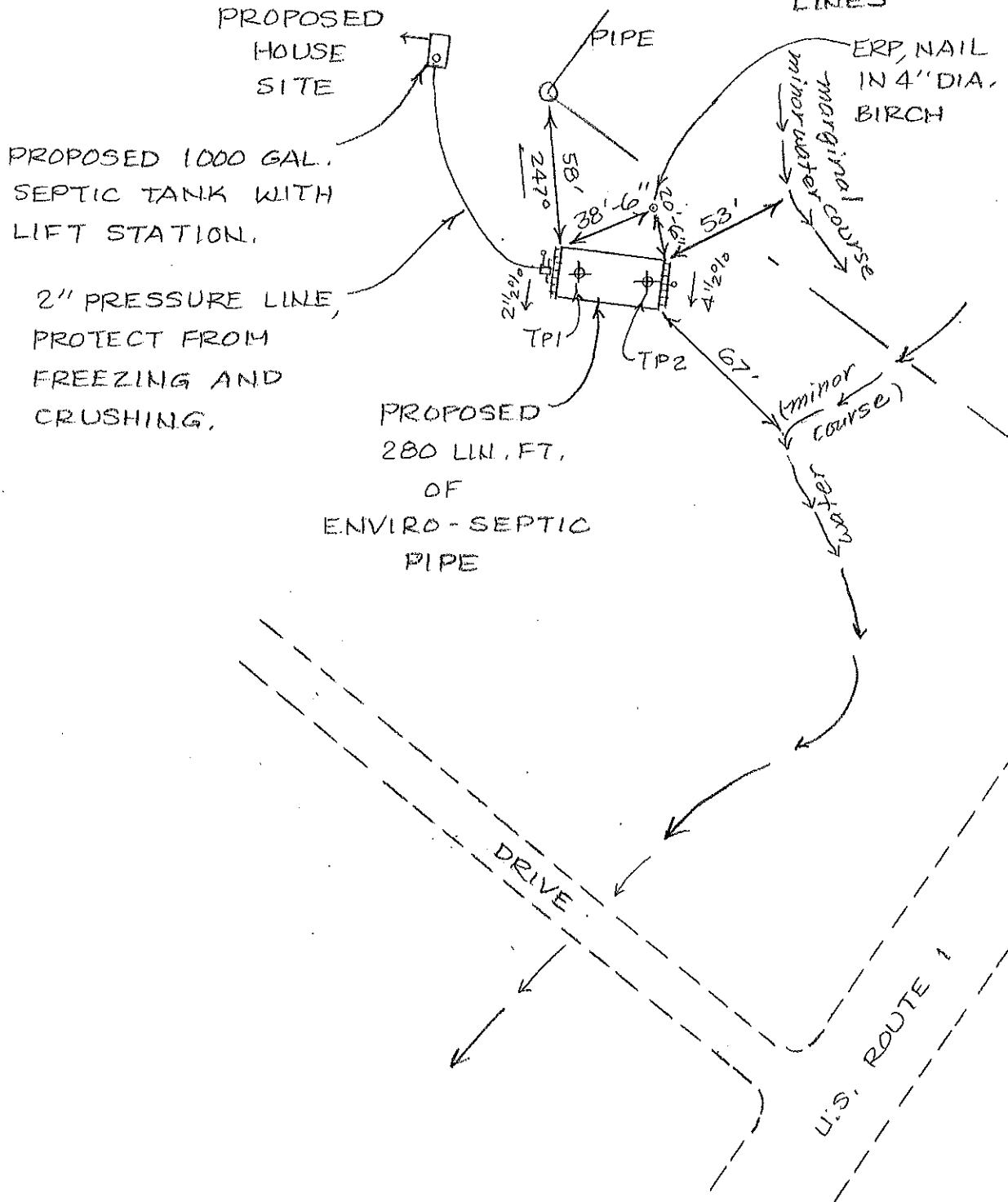
6-5-13
Date

Town, City, Plantation HANCOCK	Street, Road, Subdivision ROUTE 1	Owner or Applicant Name ROSS MAWHINNEY
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SITE PLAN:

SCALE: 1" = 60 FT.

MAGNETIC
NORTH



W. C. 2.7

Site Evaluator's Signature

319

S.E. #

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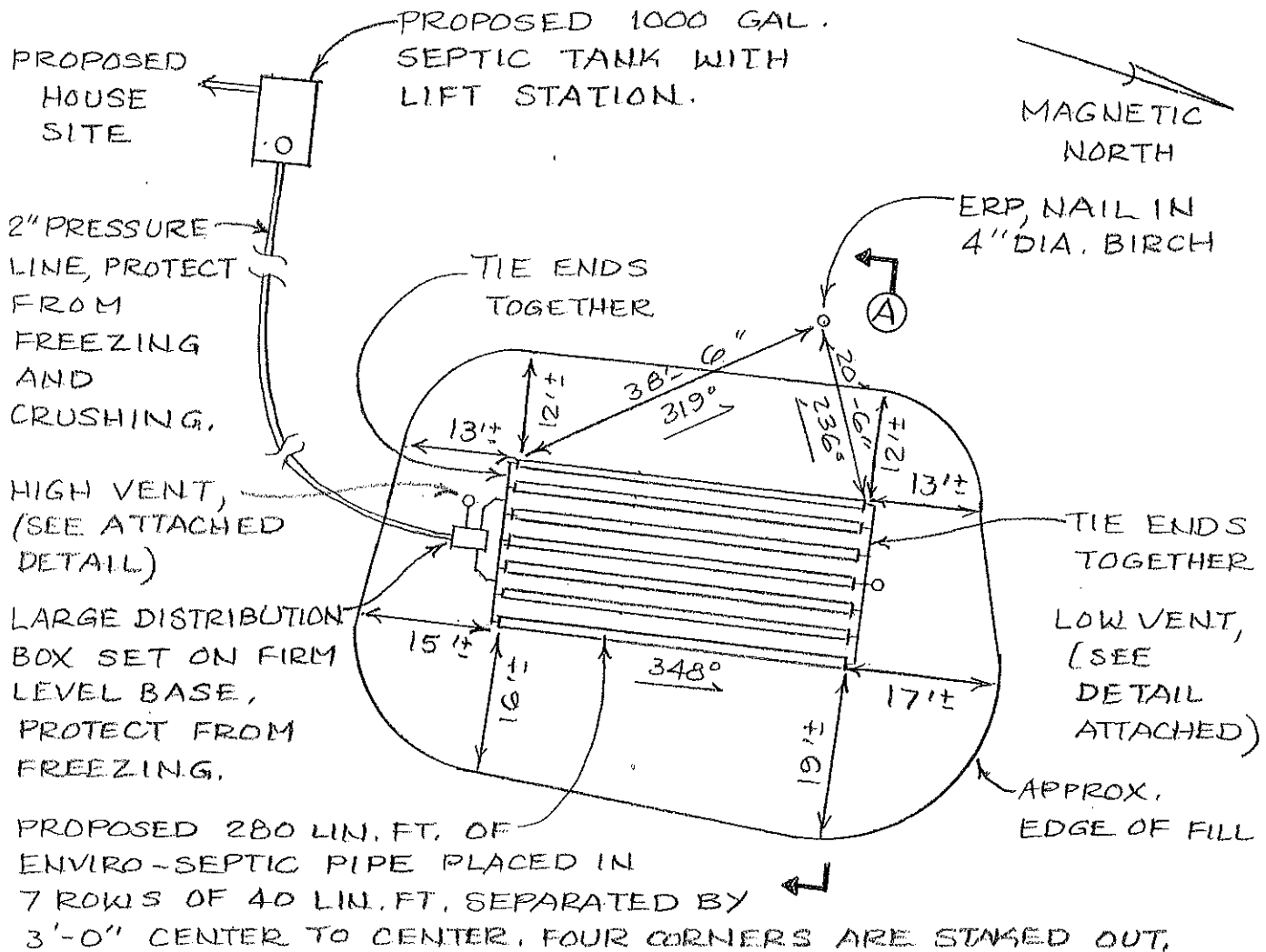
Town, City, Plantation
HANCOCK

Street, Road, Subdivision
ROUTE 1

Owner or Applicant Name
ROSS MAWHINNEY

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	30"	Finished Grade Elevation	-36"			Location & Description	NAIL 60"
Depth of Backfill (Downslope)	36" / 40"	Top of Distribution Pipe or Proprietary Device	-48"		N/A		ABOVE GROUND IN A 4" DIA.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field (PIPE)	-60"				BIRCH.
						Reference Elevation is:	

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. TANK(S) MUST BE 8' MINIMUM FROM BUILDING, 10' MIN FROM P.L.
2. GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
3. WELL TO BE 51' MINIMUM FROM SEPTIC TANK(S) AND 100' MINIMUM FROM DISPOSAL FIELD.
4. ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE SUBSURFACE WASTEWATER DISPOSAL RULES; EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE MARCH 2003 EDITION OF THE MAINE DEP HANDBOOK "MAINE EROSION AND SEDIMENT CONTROL BMPS" (DEPLW0588).
5. INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH GRADE ON INLET, CLEANOUT AND OUTLET COVERS (RECOMMEND EXTENDING RISERS TO FINISH GRADE); INSTALL RISER TO FINISH GRADE OF APPROPRIATE SIZE TO ALLOW PUMP REMOVAL ON ALL IN-TANK PUMP CHAMBERS AND SEPARATE PUMP TANKS.
6. PROTECT LIFT STATION AND PUMP TANKS FROM FREEZING.
7. FULL BASEMENT BELOW GRADE FOUNDATION, FROST WALL OR COLUMNS MUST BE 20' MINIMUM FROM EDGE OF DISPOSAL FIELD AND SLAB ON GRADE MUST BE 15' MINIMUM FROM EDGE OF DISPOSAL FIELD.

W. C. 2. 13
Site Evaluator's Signature

319
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ENVIRO-SEPTIC CROSS SECTION

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.

(A)

FILL MATERIAL SHALL BE 8"-12" THICK OVER PIPES AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

HIGH VENT, (SEE ATTACHED DETAIL)

PRESSURE TREATED POST

12" OF CLEAN FILL OVER SYSTEM, MINIMUM.

SCALE: 1" = 5'

19'

EDGE OF BERM

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

3' MIN.
6" MIN.

3' TYPICAL VENT
CTR. TO CTR.
12" DIA.
PIPE, TYPICAL

3%

3%

3' MIN.
6" MIN.

EDGE OF BERM

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

FILL UNDER AND AROUND SYSTEM TO BE COARSE GRAVELLY SANDS.

6" SAND UNDER, OVER, AND AROUND ENVIRO SEPTIC PIPE; CLEAN, COARSE SAND (ASTM STANDARD: C - 33 "CONCRETE SAND")

ELEVATIONS:

ELEV. REF. PT. (ERP): 0"

FINISHED GRADE:

TOP OF PIPE:

* BOTTOM OF PIPE:

BOTTOM OF SAND:

- 36"

- 48"

- 60"

- 66"

OWNER: ROSS MAHINNEY

LOCATION: HANCOCK

WILLIAM A. LABELLE, JR.

LIMITING FACTOR

BOTTOM OF ENVIRO SEPTIC PIPE MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'.

ORIGINAL GRADE

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B. DO NOT OVER SCARIFY

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL. CREATE A TRANSITION ZONE, SEC. 11-B.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

S.E.# 319

DATE 6-5-13

TYPICAL HIGH VENT / LOW VENT DETAIL

NOT TO SCALE

