

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 S.
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Town, City, Plantation
PORTLAND, HOUSE ISLAND

Street, Road, Subdivision
0 HOUSE ISLAND

Owner's Name
VINCENT MONA

SCALE 1" = 20 FT.

NOTE: THOROUGHLY SCARIFY UNDER ENTIRE DISPOSAL FIELD, SHOULDER AREA, & FILL EXTENSION AREA PRIOR TO FILL PLACEMENT, THEN BLEND FIRST 6" LIFT OF FILL INTO EXISTING SOIL SURFACE TO PROMOTE MIXING

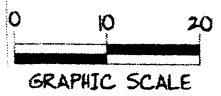
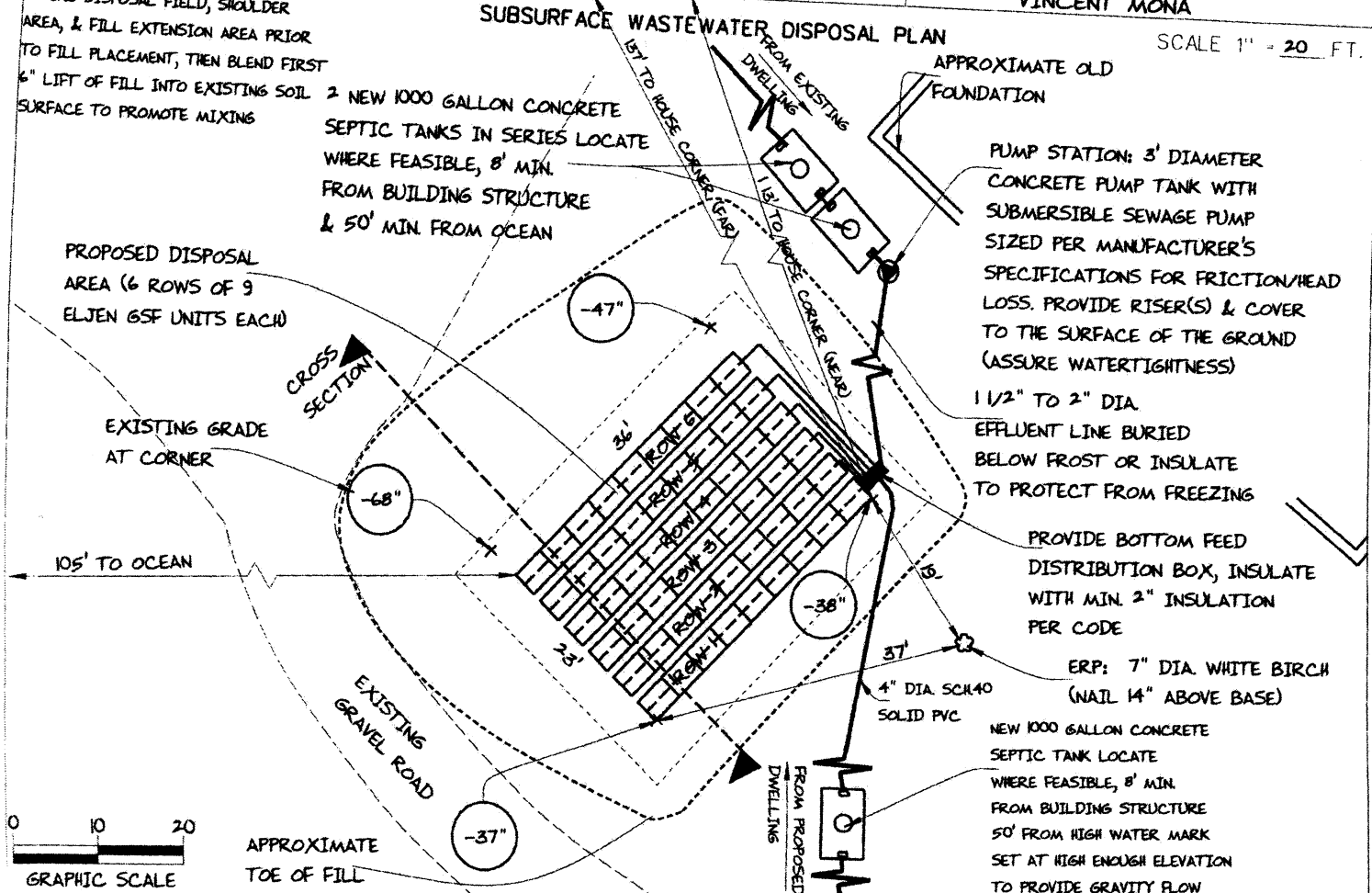
2 NEW 1000 GALLON CONCRETE SEPTIC TANKS IN SERIES LOCATE WHERE FEASIBLE, 8' MIN. FROM BUILDING STRUCTURE & 50' MIN FROM OCEAN

PUMP STATION: 3' DIAMETER CONCRETE PUMP TANK WITH SUBMERSIBLE SEWAGE PUMP SIZED PER MANUFACTURER'S SPECIFICATIONS FOR FRICTION/HEAD LOSS. PROVIDE RISER(S) & COVER TO THE SURFACE OF THE GROUND (ASSURE WATERTIGHTNESS) 1 1/2" TO 2" DIA. EFFLUENT LINE BURIED BELOW FROST OR INSULATE TO PROTECT FROM FREEZING

PROVIDE BOTTOM FEED DISTRIBUTION BOX, INSULATE WITH MIN. 2" INSULATION PER CODE

ERP: 7" DIA. WHITE BIRCH (NAIL 14" ABOVE BASE)

NEW 1000 GALLON CONCRETE SEPTIC TANK LOCATE WHERE FEASIBLE, 8' MIN. FROM BUILDING STRUCTURE 50' FROM HIGH WATER MARK SET AT HIGH ENOUGH ELEVATION TO PROVIDE GRAVITY FLOW



FILL REQUIREMENTS

Depth of Fill (Upslope) : 16" - 17"
 Depth of Fill (Downslope) : 16" - 37"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation
 Top of Distribution Pipe or Proprietary Device
 Bottom of Disposal Area

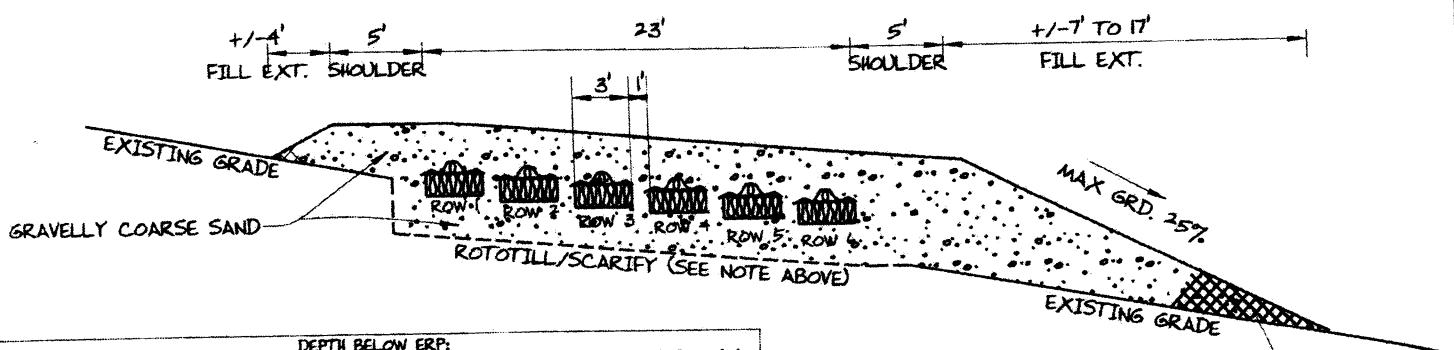
SEE
 DETAIL
 BELOW

ELEVATION REFERENCE POINT

Location & Description 7" DIA. WHITE BIRCH TREE, NAIL 14" ABOVE BASE
 Reference Elevation is: 0.0" or OF TREE

DISPOSAL AREA CROSS SECTION

SCALE:
 VERTICAL: 1" = 5 FT
 HORIZONTAL: 1" = 10 FT



	DEPTH BELOW ERP:	ROW 1 (2)	(3)	(4)	(5)	(6)
FINISHED GRADE		-21"	-23"	-25"	-27"	-29"
CLEAN FILL		-33"	-35"	-37"	-39"	-41"
GEOTEXTILE FABRIC		-37"	-39"	-41"	-43"	-45"
OVER 4" DIA PERF. PIPE		-44"	-46"	-48"	-50"	-52"
ELJEN IN-DRAIN UNIT		-50"	-52"	-54"	-56"	-58"
GRAVELLY COARSE SAND		-50"	-52"	-54"	-56"	-58"

CAP TOE OF FILL WITH SANDY LOAM MATERIAL TO PREVENT WASTEWATER BREAKOUT

Albert Frick
 Size Evaluator Signature

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 SE *

3/25/2015
 Date