

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

PORTLAND; PEAKS ISLAND

25 ALDERBROOK ROAD

PETER PETERS (N/F ALEXANDER)

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

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20' FT.

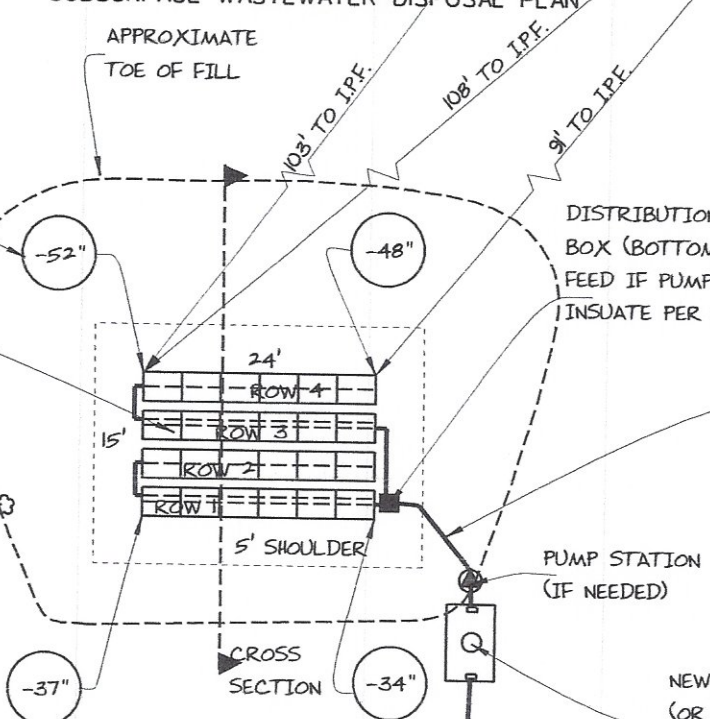
EXISTING GRADE AT CORNER

PROPOSED DISPOSAL AREA (4 ROWS OF 6 ELJEN GSF UNITS EACH)

NOTE: DOUBLE PERFORATED PIPE FOR ENTIRE LENGTH OF ROWS 1 & 3 FOR OVERFLOW. LAID ADJACENT TO DISTRIBUTION PIPE (SEE DETAIL BELOW)

ERP: NAIL IN 4" DIA. FLAGGED SPRUCE 28" ABOVE GROUND LEVEL

APPROXIMATE TOE OF FILL

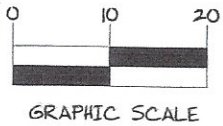


DISTRIBUTION BOX (BOTTOM FEED IF PUMPING) INSULATE PER CODE

IF PUMPING USE 1 1/2" TO 2" DIA. EFFLUENT LINE BURIED BELOW FROST OR INSULATE TO PROTECT FROM FREEZING OR IF GRAVITY FLOW USE 4" DIA. SDR35 SOLID PVC (ASSURE WATERTIGHTNESS)

NEW 1000 GALLON CONCRETE (OR PLASTIC) SEPTIC TANK LOCATE WHERE FEASIBLE, 8' MIN. FROM BUILDING STRUCTURE SET AT HIGH ENOUGH ELEVATION TO PROVIDE GRAVITY FLOW OR PROVIDE PUMP STATION

APPROX. PROPOSED DWELLING (MIN. 20' FROM DISPOSAL AREA)



FILL REQUIREMENTS

Depth of Fill (Upslope) = 23" - 26" Finished Grade Elevation
 Depth of Fill (Downslope) = 28" - 32" Top of Distribution Pipe or Proprietary Device
 DEPTHS AT CROSS-SECTION (shown below) Bottom of Disposal Area

CONSTRUCTION ELEVATIONS

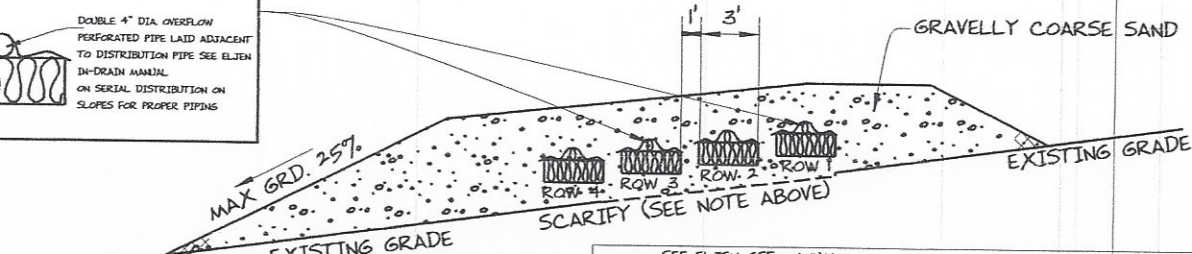
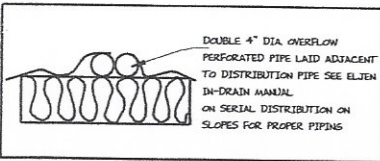
SEE DETAIL BELOW

ELEVATION REFERENCE POINT

Location & Description 4" DIA. FLAGGED SPRUCE, NAIL 28" ABOVE BASE
 Reference Elevation is: 0.0" or -----

DISPOSAL AREA CROSS SECTION

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



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

SEE ELJEN GSF MANUAL ON SERIAL DISTRIBUTION ON SLOPES FOR PROPER PIPING
 CLEAN FILL
 GEOTEXTILE FABRIC OVER 4" DIA. PERF. PIPE
 ELJEN GSF UNIT

	ROW 1	2	3	4
FINISHED GRADE	-1"	-14"	-17"	-20"
TOP OF DISTRIBUTION PIPE	-23"	-26"	-29"	-32"
TOP OF DISPOSAL AREA	-27"	-30"	-33"	-36"
BOTTOM OF DISPOSAL AREA	-34"	-37"	-40"	-43"
GRAVELLY COARSE SAND (NO PARTICLES OR GRAVEL LARGER THAN 3/4")	-40"	-43"	-46"	-49"

Albert Frick
 Site Evaluator Signature

163
 SE *

8/18/2015
 Date

Page 3 of 3
 HHE-200 Rev. 10/02