## MAP

Department of Human Services
Division of Health Engineering
(207) 289-3826

SUBSUI	PROPERTY ADDRESS	854	SISIEW APPEICATION	(207) 289-3826
Town Or Plantation	N. ORCAND			
Street Subdivision Lot #	OFF WINKUMPAUGH	YAUGH RD.	ORLAND PE	PERHIT # 343 TOWN COPY
	PROPERTY OWNERS NAME	ERS NAME	J 68	\$ 194010 FEE Charged
Last: KRICI	ICHELS First: S	STEPHEN	Taymond (1874)	LRI. # 15128
Applicant Name:	SAME			an L. Account of the second of
Mailing Address of Owner/Applicant (If Different)	E. HOLDEN ME	486 NE 04429		
* O	a distant	Statement otherstolmy valoriform Local	l have ins	
Cappen Syphish	to denny Permi	AND STA	oe in compitance with the Substitute wastewater	e masiewaier Disposai Huies.
Augus	Signature or Gweek Applicant	200 / May	Local Plumbing inspector Sonature	Sonature Date Approved
		PERM	PERMIT INFORMATION	
THIS AP	APPLICATION IS FOR:	SIHT	APPLICATION REQUIRES: IN	INSTALLATION IS:
1. S NEW SYSTEM	SYSTEM	1. A NO RUL	10	1. NON-ENGINEERED SYSTEM
2. C REPL	☐ REPLACEMENT SYSTEM	2. NEW S	ا در	PRIMITIVE SYSTEM
3. 🗌 EXPA	EXPANDED SYSTEM		ω	☐ ENGINEERED (+ 2000 gpd)
4. SEAS	SEASONAL CONVERSION	A.      Requires     Approval	Requiring Local Plumbing Inspector Approval IN Approval 4.	INDIVIDUALLY INSTALLED COMPONENTS: 4.   TREATMENT TANK (ONLY)
5. CEXPE	EXPERIMENTAL SYSTEM		55	☐ HOLDING TANK
IF REPLA	IF REPLACEMENT SYSTEM:	DISPOSAL	SYSTEM TO SERVE: 7.	☐ ALTERNATIVE TOILET (ONLY) ☐ NON-ENGINEERED DISPOSAL AREA
YEAR FAILIN	YEAR FAILING SYSTEM INSTALLED THE FAILING SYSTEMS:	1. Single	SINGLE FAMILY DWELLING  B.  B.	☐ ENGINEERED DISPOSAL AREA (ONLY)
2. DOWNSBER	OTHER:	3. D MULTII	MULTIPLE FAMILY DWELLING	
SUZE OF PROPERTY	AC ZONING	4. 🗆 OTHER	SPECIFY	PROPE OF WATER SUPPLY
		DESIGN DETAILS (SYSTEM	EN LAYOUT SHOWN ON PAGE 3)	
1. SI SEPTIC: 2. AEROBIC SIZE: 100	TREATMENT TANK  EPTIC: Agular  EROBIC  CALS.	WATER CONSERVATION  1. ONONE  2. DE LOW VOLUME TOILET  3. OSEPARATED LAUNDRY SYS  4. OALTERNATIVE TOILET  SPECIFY:	PUMPING  1. ONOT REQUIRED  2. MAY BE REQUIRED  (OEFENDING ON TREATMENT LOCATION AND ELEVATION)  3. OR REQUIRED  DOSE:	CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)  3 BEDROOM SINGLE FAMILY DURLLING GALS. (4 PEOPLE)
SOIL CONI DESIC PROFILE	SOIL CONDITIONS USED FOR DESIGN PURPOSES PROFILE CONDITION	SIZE RATINGS USED FOR DESIGN PURPOSES  1. SMALL 2. MEDIUM 3. MEDIUM-LARGE 4. LARGE	DISPOSAL AREA TYP  1. [X] BED   BOO  2. [] CHAMBER   H-2  3. [] TRENCH   H-2	ESIZE MINIMUM  Sq. FI10% (LOW VOLUME TOWE)  Sq. FI. DESIGN 243 GPD  Linear FI. FLOW: 243 GPD

SITE EVALUATOR STATEMENT

on AUS 26, 1986 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

( SITE EVALUATION WAIVED BY LOCAL OPTION)

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SUBSURFACE WASTEWATER N. ORCAND DEPTH BELOW MINERAL SOIL SURFACE (Inches) UNES NEARBY Observation Hole WIAOT ATTANVAID SENETA LIDAM BEWIN STACE CINE SANKY CON 1900 July SOIL DESCRIPTION AND CLASSIFICATION HOUSE APPROXIMATE COCATION Depth of Organic Horizon Above Mineral Soil CRIABLE \* 0) 2 Slope SEPTIC TANK S S S S CARS- - JANO ALTIO-HAMIOTEM : ASTOMORY - BEDOXE DARK BROWN Limiting Factor NOON DISPOSAL SYSTEM APPLICATION OT MI: 70 WINKUMPAUGH ED.  $\overline{\infty}$  Test Pit WINKUNIPAUGH . . . . . TP3-THOLI COMMON MEDIL Mottling OTHER OBSERVATION HOLE: ☐ Boring SEWERS Street, Road, Subdivision (NOTE A) \$E \$\infty\$ (Location of Observation Holes DEPTH BELOW MINERAL SOIL SURFACE (Inches) (MAG) -<u>\$</u>Ô, Observation Hole 5 8 PROPOSED LEACHBED Scale 1" OLD FIELD RUAD PANKITA COUNT WYTH KITH WAS TAPE DINE Classification EALING THE N PLACE STEPTEN : Depth of Organic Hortzon Above Mineral Soil FRIABLE 9/3/8/2 **JARGE** Department of Human Services' Division of Health Engineering Ę Slope  $\leftarrow$ SITE LOCATION PLAN (Attach DESIGNATES
OBSERVATION HOLE
(T.P.) alve ceay ARROW DESIGNATES CIELL Owners Name

KRICHELS SECONISH EDDE DAIRK BY OWN POINT (E.R.P.) Shown Above) Limiting Factor Color Of and **金**?: . COMMON FINE HOHT GRAY RGround Wa

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### N. ORLAND Depth Depth Non: 20' WIDE X 40' LONG LEACHBED: 4 CORNERS ARE STAKED OUT WITH FLAGS ON STAKES INDICATING HEIGHT OF FINISHED GRADE (NOTEH) 9 of Fill (Downslope) 30 CU. 465. OF STONE REQUIRED. (NOTE H-1) Fill (Upslope) FILL REQUIREMENTS (28 310N) EFFLUENT Sherizaluator Signature ~ 5% OFIGINAL GEADE NOTE G-1 REFERENCE ELEVATION 2002 20102 2 SUBSURFACE WASTEWATER DISPOSAL PLAN STEVENCY STE Bottom of Disposal Area Reference Elevation is Top of Distribution Lines or Chambers 12 CM DISPOSAL AREA CROSS SECTION (ACCOSS A - A' AGOVE) CONSTRUCTION ELEVATIONS WINKUNIPAUGH KD 图图 NOTE H (NOTE G-3) EDGE OF FILL GRADE-OFF BIX (NOTE D) in OF LEACHBED SE NOTE 6-6 PER. PIR NOTE 6-2 H 3LON NOTE 4-3 (MAG) D Þ 132 NOTE 3413 ELEVATION REFERENCE POINT LOCATION & DESCRIPTION E E.P. 15 A NAIL 39" UP ON A 4" L. N. ATTLE LOCATED 14' @ N201/26 FT 1/ "HE NE CORNER AN ATTEMPT WHICH COPNER OF THE LEACHBED 9 3 80 STEPHEN MORE THAT NOTE 6-5 Scale: Horizontal: 1 inch Vertical: NOTE: の、ド、レ、大、ト (BY LETTER) SPECIFICATIONS: SHEET FOR THESE (MAGNETIC) LE NGTHWISE CRIENTATION OF LEACHIEED Owners Name Owners Name NG OFFICIND SUFFYCE NO N22W VERTICAL SICAL MONO EVACCEMATED MENTICHALLY Scale 1" 1 inch II Page 3 of 3 当ない $\bar{\circ}$ OI $\widetilde{\Sigma}$ UPHICL T Ę Į

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

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Ralph S. Baker Cert. Soil Scientist Lic. Site Evaluator

Allan E. Ott 244-5119 Lic. Site Evaluator Southwest Harbor, Maine



# ssociates

Star Route Box 24 Penobscot, Maine 04476 (207)326-4254

DESIGN NOTES/SPECIFICATIONS

Subsurface Wastewater

Disposal System

Attachment to HHE-200 form

owner/applicant KRICHELS

NOTE

chambers within the proposed disposal area as staked. Elevation Reference Point (leachfield) shall be no lower than indicated. inches above / below // the bottom of (ERP) is at the stone STATE OF / the bottom of Disposal area

seed. Sewer Pipes: Sewer Pipes: Use 4" diameter approved materials (watertight). late as necessary to protect from freezing; bury at least l' d deep; Insu-

▣

- Building sewer: For gravity flow from building to septic tank, maintain minimum pitch of 1/4"/ft. (1/8"/ft. with LPI's approval). Effluent line: For gravity flow below septic tank, maintain minimum pitch of 1/16"/ft.

Pump Needed: Gravity flow to disposal DESIGN NOTES/SPECIFICATIONS for PUMPED area is not feasible for details. feasible. See

Set with soil or insulation. Distribution box properly on firm base, and protect Box: Serves as worthwhile access point to disposal area. from freezing by covering

▣

## Septic Tank:

(H)

- watermark of Setback requirements which must be met when installing a 10 ft. from property tank tested for water tightness in LPI's presence); 50 ft. from from wells, tank include the following intermittent waterbodies; 25 ft. except 75 ft. perennial waterbodies lines; and 8 from owner's well; 100 ft. from high (unless reduced by waiver): from man-made drainage ditches; Ff. (may be reduced to from buildings. 75 ft. 100 ft. septic
- disposal area could result, necessitating costly replacement.

  Installation of a riser over the cleanout cover of the tank sidered Pumping of the septic tank every 3 to greatly good maintenance practice. facilitates maintenance. Otherwise, 4 years is clogging of the generally con-

ments; except for the following 100 ft. 23 from perennial waterbodies; 20 ft. for Ħt. Disposal Areas: from buildings without basements. (unless waived): Same as for septic tanks (NOTE E above) from buildings with base-100 ft. from owner's

## O NO

# isposal Area Construction Details:

- possible. glazing or removed leaving as much of the original topsoil in place The ground surface shall then the smearing of the original soil. proposed disposal area and be raked/scarified to fill extensions
- 2 with a disposal area bottom and distribution line shall be level maximum grade tolerance of 1"/100 . L
- + ω Clean fill (sandy loam or coarser) is to be placed in 8" lifts. area shall
- tending 3 ft. beyond the edge of the disposal area. crowned from the finished grade of the backfill over the the fill (4:1)shall be sloped at a uniform grade of no greater to the center original ground. o f the disposal area at a disposal Αt 3% slope ex-
- 5 both the flow of surface water across it. land discharges away from disposal area also. adjacent adjacent to the disposal area accumulation of surface water Make sure that cellar drain on the disposal area, shall be graded to prevent
- 6 establish vegetation to prevent erosion: perennial ground cover may are unacceptable; b) woody finished disposal area and fill extensions shall be seeded to lish vegetation to prevent erosion: a) grass, clover, tre-vetch, perennial wildflowers, or other herbaceous peren-may be utilized for disposal area surfaces; woody shrubs be used on fill extensions. shrubs in conjunction with ø hardy

# Bed or Trench Area Details:

- A minimum total of 12" of stone of uniform installed totally within the stone bottom of the disposal area. free of fines, dust, ashes or clay, shall be used on l area. The distribution pipes shall size, 3/4" to
- 2 an approved non-woven stone shall be completely covered with one of the a) a minimum filter 2" layer of compressed hay; b) one fabric; င 1" of fiberglass following insulayer
- Clean backfill, hay layer or 8 to 12" in depth, shall be approved substitute. carefully placed over

with manufacturer's recommendations and specifications Chamber Disposal Area Details: Install approved chambers 'n accordance

- Seeding: (Recommended quantities per lime, 30 lbs. 5-10-10 fertilizer (or lbs. "Conservation Mix" available at bales hay to (Recommended quantities per prevent erosion and aid (or 1/4 ton manure); seed with 2 to 4 garden centers; then mulch with 1% establishment of 1000sq. ft.) Rake vegetative בים. 90 lbs. cover
- Maintenance: fixtures or recommended. see NOTE flow reducers on showers, E-2. Also, do not drive Conserve water whenever possible. or park vehicles over septic toilets, and sinks are MOT volume plumbing strongly system

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spector (LPI), or Div. of Health Engineering, Augusta, ME 04333, Tel. 289-3826, which admini water For further information: Disposal Rules, from which 289-3826, which administers the Subsurface Contact most me, or your of these Dept. town's specifications of Human Services, Local Plumbing Inderived Waste-