SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	CASCO
Street or Road	US ROUTE 302
Subdivision, Lot *	

OWNER/APPLICANT INFORMATION

Name (last, first, MI): MEYER REALTY INVESTMENTS — Owner ~~Applicant~~

Mailing Address of ■ Owner ☐ Applicant	23 CASSELTON ROAD RAYMOND, ME 04071
Daytime Tel. *	

Owner or Applicant Statement

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.

Signature of Owner/Applicant _____ Date _____

>> Caution: Permit Required – Attach In Space Below <<

The Subsurface Wastewater Disposal System *shall not* be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map * 2 Lot * 1-5

Caution: Inspections Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature _____ (1st) Date Approved _____ (2nd) Date Approved _____

PERMIT INFORMATION

TYPE OF APPLICATION

1. ■ First Time System
2. ☐ Replacement System
   Type Replaced: _____
   Year Installed: _____
3. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non exempted
4. ☐ Experimental System
5. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES

1. ■ No Rule Variance
2. ☐ First Time System Variance
   a. ☐ Local Plumbing Inspector Approval
   b. ☐ State & Local Plumbing Inspector Approval
3. ☐ Replacement System Variance
   a. ☐ Local Plumbing Inspector Approval
   b. ☐ State & Local Plumbing Inspector Approval
4. ☐ Minimum Lot Size Variance
5. ☐ Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENT(S)

1. ■ Complete Non-Engineered System
2. ☐ Primitive System(graywater & alt toilet)
3. ☐ Alternative Toilet, specify: _____
4. ☐ Non-Engineered Treatment Tank (only)
5. ☐ Holding Tank, _____ Gallons
6. ☐ Non-Engineered Disposal Field (only)
7. ☐ Separated Laundry System
8. ☐ Complete Engineered System(2000gpd+)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal field (only)
11. ☐ Pre-treatment, specify:
12. ☐ Miscellaneous components

SIZE OF PROPERTY

6.0 ☐ sq. ft. ■ acres

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE

1. ☐ Single Family Dwelling Unit, No. of Bedrooms: ____
2. ☐ Multiple Family Dwelling, No of Units: ____
3. ■ Other: MULTIPLEX W/ 10 BEDROOMS (SPECIFY)

TYPE OF WATER SUPPLY

1. ■ Drilled Well 2. ☐ Dug Well 3. ☐ Private
4. ☐ Public 5. ☐ Other:

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ■ Concrete
   a. ■ Regular
   b. ☐ Low Profile
2. ☐ Plastic
3. ☐ Other: _____
   CAPACITY (4)1000 gallons

DISPOSAL FIELD TYPE & SIZE

1. ☐ Stone Bed 2. Stone Trench
3. ■ Proprietary Device
   a. ■ Cluster array c. ☐ Linear
   b. ☐ Regular d. ■ H-20 loaded
4. ☐ Other:
   SIZE 3984 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ■ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
   a. ☐ Multi-compartment tank
   b. ☐ Tank in series
   c. ☐ Increase in tank capacity
   d. ☐ Filter on tank outlet

DESIGN FLOW

1200 gallons per day
BASED ON:
1. ■ Table 501.1 (dwelling unit(s))
2. ☐ Table 501.2 (other facilities)
   SHOW CALCULATIONS
   - for other facilities -

MULTIFAMILY W/
10 BEDROOMS
@ 120 GPD PER BEDROOM

3. ☐ Section 503.0 (meter readings)
   ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN

2 / B / 1

AT Observation Hole * TP-01-1
Depth 30 " Elevation _____ "
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

1. ☐ Small - 2.0 sq.ft./gpd
2. ☐ Medium - 2.6 sq.ft./gpd
3. ■ Medium-Large - 3.3 sq.ft./gpd
4. ☐ Large - 4.1 sq.ft./gpd
5. ☐ Extra-Large - 5.0 sq.ft./gpd

PUMPING

1. ☐ Not required
2. ■ May be required
3. ☐ Required >>Specify only for engineered or experimental systems:

DOSE: _____ Gallons

SITE EVALUATOR STATEMENT

I Certify that on 6/20/01 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed sytem is in compliance with the Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Paul W. Lawrence
Site Evaluator Signature

5216
SE *

8/12/01
Date

PAUL W. LAWRENCE CONSULTING – P.O. BOX 369, WINDHAM, MAINE 04062 – (207) 892-2175

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

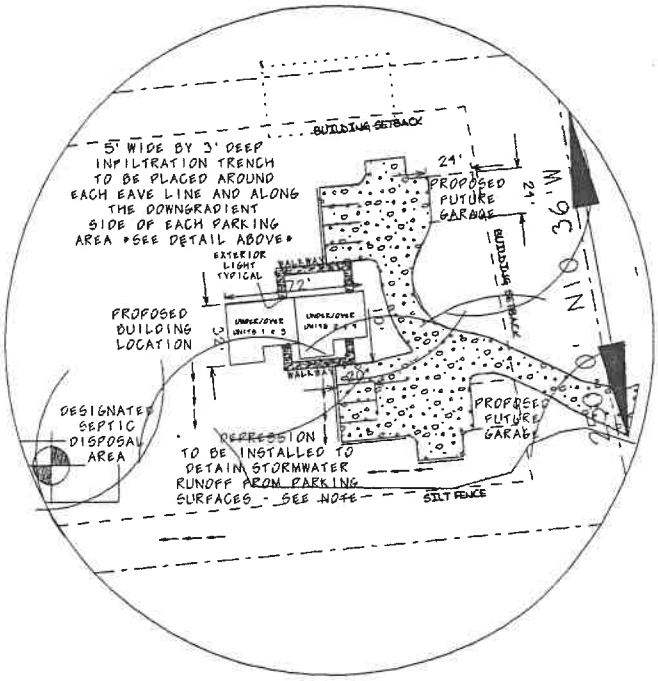
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road Subdivision	Owner's Name
CASCO	US ROUTE 302	MEYER REALTY INVESTMENTS

SITE PLAN — Scale 1" = 100 Ft. or as shown

SITE LOCATION PLAN







NORTH ORIENTATION APPROXIMATE

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-01-1 ■ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	STONY SANDY LOAM	VERY FRIABLE	DARK BROWN	
10	STONY LOAMY SAND	FRIABLE	VERY DARK YELLOW BROWN	
20	STONY FINE SAND	FRIABLE	YELLOW BROWN	
30	LIMIT OF EXCAVATION AT 30"			
40				
50				

Soil Classification		Slope	Limiting Factor	
5 (Profile)	B (Condition)	3-8 %	30"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ■ Pit Depth

Observation Hole TP-01-2 ■ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	STONY SANDY LOAM	VERY FRIABLE	DARK BROWN	
10	STONY LOAMY SAND	FRIABLE	VERY DARK YELLOW BROWN	
20	STONY FINE SAND	FRIABLE	YELLOW BROWN	
30	LIMIT OF EXCAVATION AT -35"			
40				
50				

Soil Classification		Slope	Limiting Factor	
2 (Profile)	B (Condition)	3-8 %	35"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ■ Pit Depth

Paul W. Lawrence — Site Evaluator Signature

5216 — SE #

8/12/01 — Date

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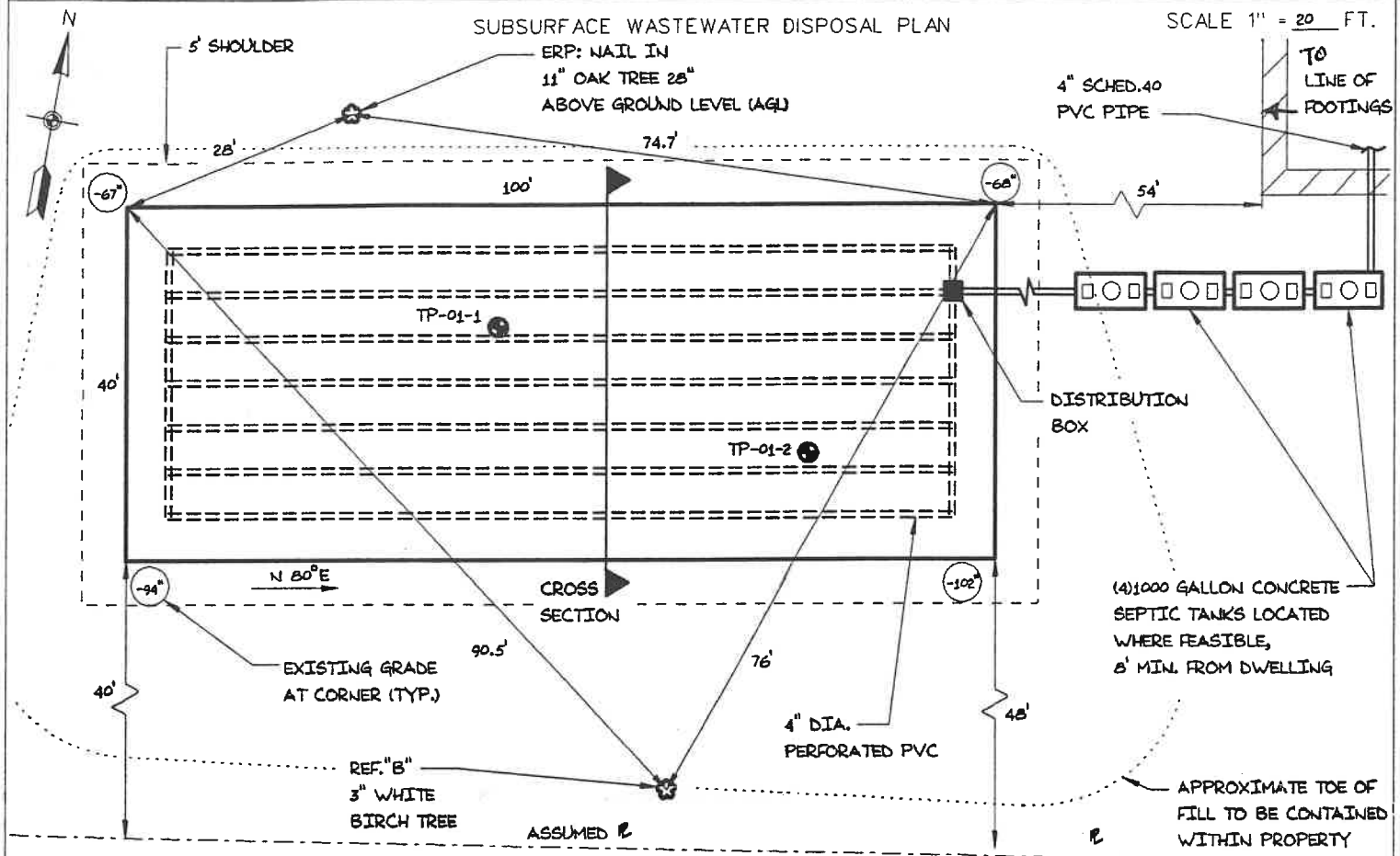
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Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
CASCO	US ROUTE 302	MEYER REALTY INVESTMENTS

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



* IT IS STRONGLY RECOMMENDED THAT THIS SYSTEM BE INSTALLED BY A QUALIFIED EXCAVATING CONTRACTOR.
* IT IS THE OWNER'S RESPONSIBILITY TO VERIFY THAT THERE ARE NO UNIDENTIFIED WELLS LOCATED WITHIN 100' OF DISPOSAL SYSTEM.

FILL REQUIREMENTS

Depth of Fill (Upslope)	: 11" - 12"
Depth of Fill (Downslope)	: 38" - 46"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-56"
Top of Distribution Pipe or Proprietary Device	-68"
Bottom of Disposal Area	-79"

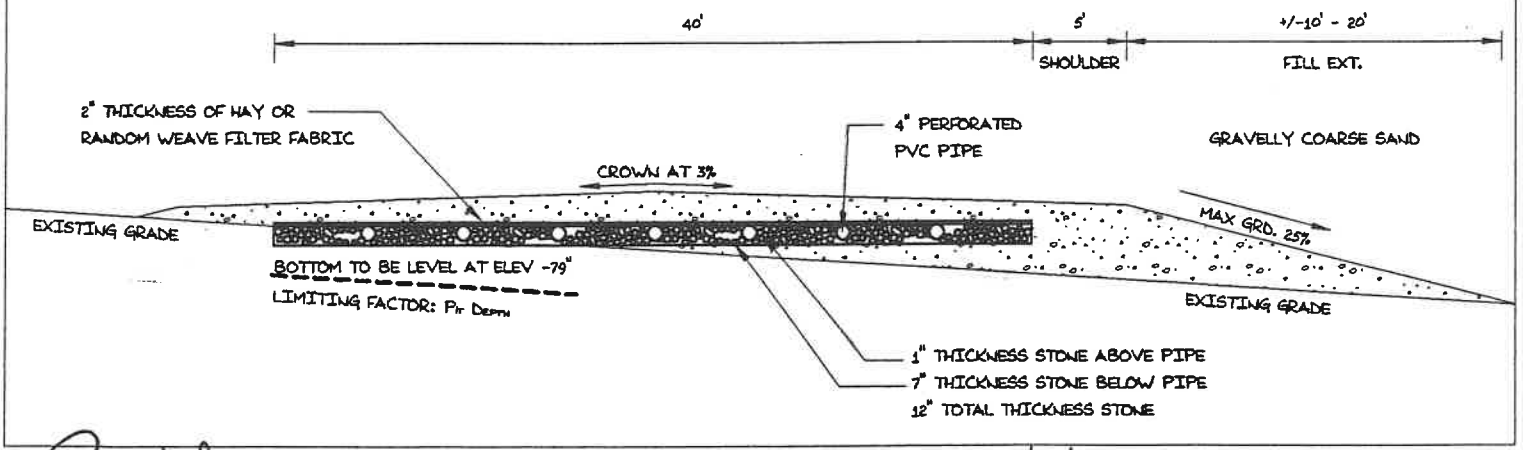
ELEVATION REFERENCE POINT

Location & Description NAIL IN 11" OAK TREE 28" AGL
Reference Elevation -0"

DISPOSAL AREA CROSS SECTION

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

NOTES:
* BACKFILL TO BE GRAVELLY COARSE SAND FREE OF FINES AND ORGANIC DEBRIS
* FINAL GRADES SHALL BE LOAMED, SEEDED AND OR MULCHED TO PREVENT EROSION
* STONE TO BE UNIFORM SIZE AND FREE OF FINE MATERIAL AND ORGANIC DEBRIS AT A SIZE NO SMALLER THAN 1 1/2" AND NO LARGER THAN 2 1/2".



Paul W. Lawrence — Site Evaluator Signature
5216 — SE #
8/12/01 — Date

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APPENDIX I

NOTICE OF DECISION

CASCO PLANNING BOARD

TO: ~~Meyer Realty Investments~~ INC. DATE: 9/5/01
23 Casselton Road
Raymond, ME 04071

This is to advise you that the Casco Planning Board has acted on your Application for Final Plan Approval as follows:

1. Findings of Fact:

1. Applicant requested a Site Plan Review to construct Wilderness Ridge Condominiums on Map 2, Lot 1-5, Route 302, Located in a Residential Zone.
2. Abutters notified.

2. Conclusions:

x The criteria of Title 30, M.R.S.A., Section 4956, subsection 3 have been met.

___ The following criteria of Title 30, M.R.S.A., Section 4956, subsection 3 have not been met. _____

___ The standards of the Casco Subdivision Ordinance have been met.

___ The following standards of the Casco Subdivision Ordinance have not been met.

3. Decision

Approved as Submitted: _____
Approved subject to conditions below: x
Disapproved for below reason: _____
Other action as noted below: _____

1. Section 3.2 of the Condominium Documents changed to reflect "interior" and not "exterior."
2. Final changes to the condominium documents to be approved by the CEO with input from legal council with attention to number 4 of Ms. Burns letter if applicable.

cont. below

Signed: Doug Webster Chair or Acting Chair

3. The CEO must approve alterations to exterior. The CEO has authority to approve exterior changes provided that the foot print of any one unit not be increased more than 200 square feet of deck or porch above what is shown on site plan. All other applicable set standards are met.
4. CEO to approve the following prior to the sale of the last two units:
   a. buffers to Route 302 and property lines.
   b. landscaping in front of building.
   c. Loam, seed, mulch and stabilized site.
5. Condominiums are to be used for residential use only.
6. A sign naming the condominium will be a maximum of 4 square feet, meeting the exisiting Town of Casco statute.
7. The erosion and sediment control be maintained to the satisfaction of the CEO during construction.