

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation: Columbia Falls
Street Subdivision Lot #: Centerville Road

PROPERTY OWNERS NAME

Last: Worcester First: Thomas

Applicant Name:

Mailing Address of Owner/Applicant (if different)

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

X Rodney Scott Perry 11-6-90
Signature of Owner/Applicant Date

Caution: Inspection Required

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

A. [Signature]
Local Plumbing Inspector Signature

11-6-90
Date Approved

COLUMBIA FALLS

Date Permit Issued: 11-6-90
345 Local Plumbing Inspector's Signature

PERMIT # 24

STATE COPY

\$ 140.00 FEE ☐ Double Fee Charged

L.P.I. # 5411

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION

to be completed by the LPI

5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED - P#
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED

THE FAILING SYSTEM IS:

1. ☐ BED
2. ☐ CHAMBER
3. ☐ TRENCH
4. ☐ OTHER

SIZE OF PROPERTY

ZONING

1 ac ± Residential

THIS APPLICATION REQUIRES:

1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE
Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- a. ☐ Requires Local Plumbing Inspector Approval
- b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:

1. ☐ SINGLE FAMILY DWELLING
2. ☒ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER

SPECIFY

INSTALLATION IS:

COMPLETE SYSTEM

1. ☒ NON ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM
(Includes Alternative Toilet)
3. ☐ ENGINEERED (± 2000 gpd)
- INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GALS
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY

Shared well proposed

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS

WATER CONSERVATION

1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY

PUMPING

1. ☒ NOT REQUIRED
2. ☐ MAY BE REQUIRED
(REQUIREMENT ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: _____ GALS

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE | CONDITION

5 | C

DEPTH TO LAUNDRY FACTOR

28"

SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☒ MEDIUM
3. ☐ MEDIUM LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 500 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
- ☐ REGULAR ☐ 1120
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER

CRITERIA USED FOR DESIGN: FLOW (BEDROOMS, SEAT EMPLOYEES, WATER RECORDS, ETC.)

2 Bedroom
Minimum Design

DESIGN FLOW: 180

(GALLONS/1)

SITE EVALUATOR STATEMENT

On 11/1/90 (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.

Robert Foster
Site Evaluator Signature

280
SE#

11/2/90
Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Columbia Falls

Street, Road, Subdivision

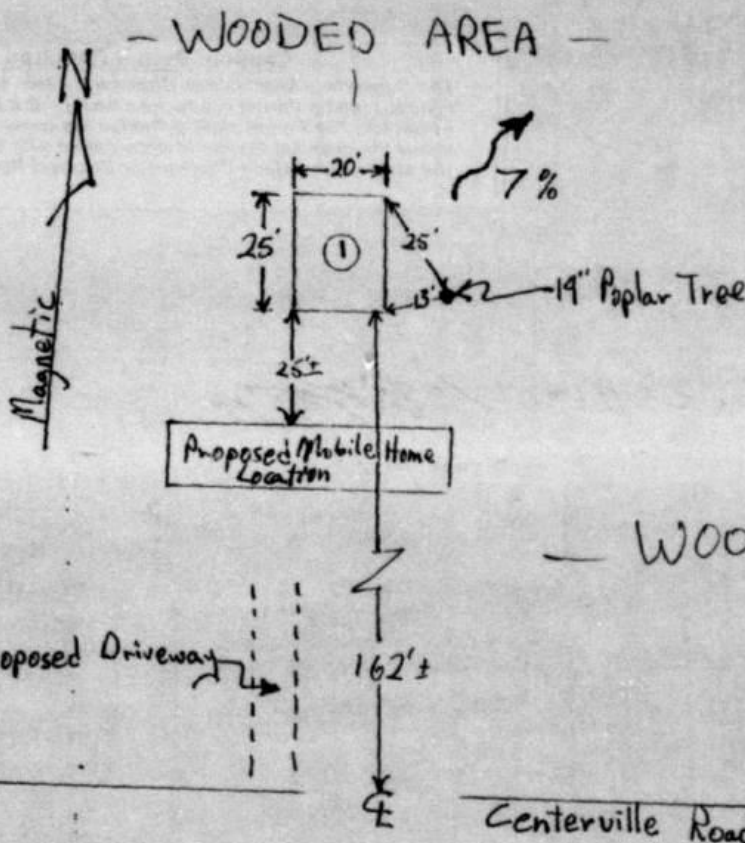
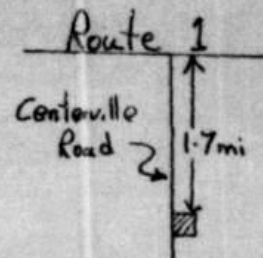
Centerville Road

Thomas Worcester

SITE PLAN

Scale 1" = 40' ft.

SITE LOCATION PLAN (Attach Map from Maken Atlas for Flow System Variance)



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole

Test Pit Boring

Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0 Fine Loam Sandy	Friable	Brown	
5 Loamy Sand		Red Brown	
10 Sand			
15 Fine Sand			
20 Sand		Olive Brown	28"
25 Sand			
30 Sand			
35 Sand			
40 Sand			
45 Sand			
50 Sand			

Soil	Classification	Slope	Limiting Factor
5 Fine	C Condition	6%	28

Observation Hole

Test Pit Boring

Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0			
5			
10			
15			
20			
25			
30			
35			
40			
45			
50			

Soil	Classification	Slope	Limiting Factor
5 Fine	Condition	%	

Robert Costa
Site Evaluator Signature

280
SF#

11/2/90
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation

Columbia Falls

Street, Road, Subdivision

Centerville Road

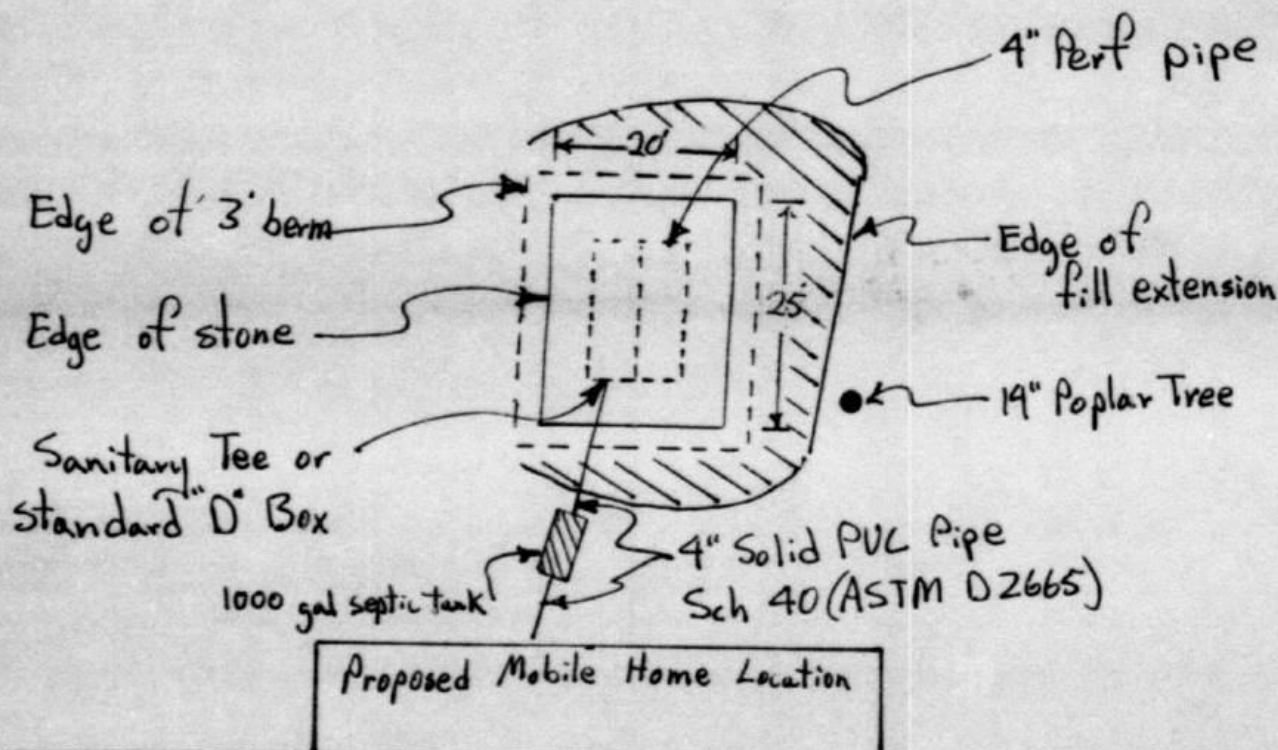
SUBSURFACE WASTEWATER DISPOSAL PLAN

Department of Human Services
Division of Health Engineering

Owners Name

Thomas Worcester

Scale 1" = 20'



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	8	Reference Elevation is	100.00	Nail in: 19" Poplar Tree
Depth of Fill (Downslope)	22"	Bottom of Disposal Area	99.60	
Fill Extension: 10'-13'		Top of Distribution Lines or Chambers	96.52	
DISPOSAL AREA CROSS SECTION				
See Detail Page 4				
Scale:				
Vertical: 1 inch =				FT
Horizontal: 1 inch =				FT

Scale:

Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

MINIMUM SETBACK NEW CONSTRUCTION	TREATMENT TANK	DISPOSAL FIELD
OWNER'S WELL	100' (b)	100'
NEIGHBOR'S WELL	100'	100'
PERENNIAL (WATER)	100' (a)	100'
INTERMITTENT	50'	50'

(a) MAY REDUCE TO 75' IF TESTED FOR WATER TIGHTNESS

(b) MAY REDUCE TO 75' IF OWNER RESIDES ON PROPERTY

Robert Carter

Site Evaluator Signature

280

SE#

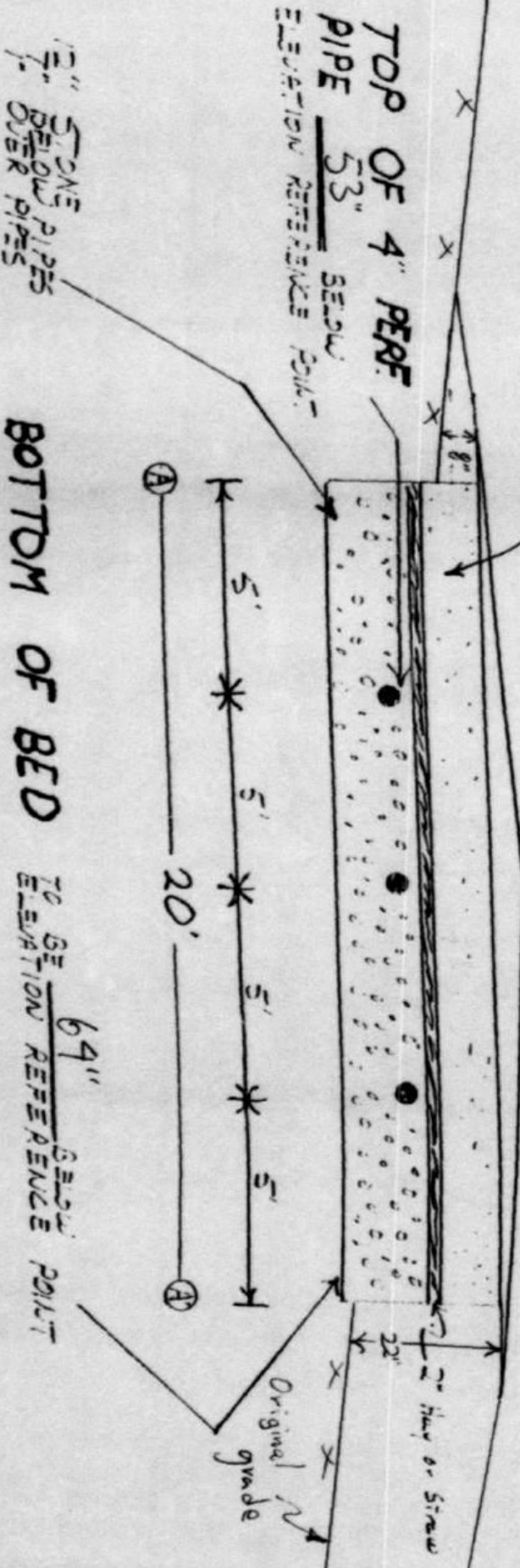
11/2/90

Date

10'-12" CLEAN BACKFILL

Crowns and seed - Use vetch, clover
trefoil, perennial willflowers, or other
herbaceous perennials.

EXTEND FILL OUT FROM BED 3' at 3:1
THEN CARRY OUT TO ORIGINAL GRADE AT 4:1 SLOPE



See Reverse Side For
Construction Standards

CROSS-SECTION		Vertical F = 3'
		Horizontal I = 4'
Thomas Worcester		
Robert Foster # 280		
DATE 11/2/90	PAGE 4	

*NOTE: DO NOT WORK SOIL WHEN WET OR FROZEN.

1. REMOVE VEGETATION FROM GROUND SURFACE UNDER DISPOSAL AREA AND FILL EXTENSION.
2. SCARIFY OR TILL SURFACE UNDER BED AND EXTENSION AREAS TO MINIMIZE GLAZING OF ORIGINAL SOIL.
3. USE 12" OF CLEAN 1.5" - 3" STONE, FREE OF FINES, DUST, ASHES, OR CLAY.
4. THE BOTTOM OF THE DISPOSAL AREA AND DISTRIBUTION LINE(S) SHALL BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
5. FILL SHALL BE FREE OF FOREIGN MATERIAL, PLACED IN 3" LIFTS AND COMPACTED AND PLACED. FILL SHALL BE SANDY LOAM OR COARSER.
6. THE FINISH GRADE OF THE BACKFILL OVER THE DISPOSAL AREA SHALL BE CROWNED FROM THE CENTER OF THE DISPOSAL AREA AT A 3% SLOPE AND EXTENDED 3' TO 5' BEYOND THE EDGE OF THE DISPOSAL AREA. AT THAT POINT THE FILL SHALL BE SLOPED AT A UNIFORM GRADE OF NO GREATER THAN 25% (14°) (4:1) TO THE ORIGINAL GROUND.
7. THE PERIMETER OF THE DISPOSAL AREA AND FILL EXTENSION TO BE GRADED AND DIVERSION DITCHES INSTALLED TO DIVERT GROUND AND SURFACE WATERS.
8. THE FINISHED DISPOSAL AREA AND FILL EXTENSIONS SHALL BE SEEDED TO PREVENT EROSION, GRASS, CLOVER, TREFOLI, VETCH, PERENNIAL WILDFLOWERS, OR OTHER HERBACEOUS PERENNIALS MAY BE UTILIZED FOR DISPOSAL AREA SURFACES, WOODY SHRUBS ARE UNACCEPTABLE. WOODY SHRUBS IN CONJUNCTION WITH A HARDY PERENNIAL GROUND COVER MAY BE USED ON FILL EXTENSIONS ONLY.
9. FROST PROTECTION: PUMP AND GRAVITY LINES INSTALLED IN EXPOSED AREAS WITH LITTLE OR NO SNOW COVER SHALL BE PROTECTED AGAINST FREEZING.

Plan of Bed Area

Detail #1

