Called 5/22 10:25 Town

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, SHS 11
(207) 287-5338 Fax (207) 287-3165

PROPERTY LOCATION

City, Town, Plantation	Augusta
Street or Road	West River Road
Subdivision, Lot #	

>> Caution Permit Required -- Attach in Space Below <<

AUGUSTA PERMIT # 5970 TOWN COPY

Date Permit Issued 5-22-07 $ 95.00 ☐ If Double Fee Charged FEE

Local Plumbing Inspector Signature L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Cloutier, Richard E. ☒ Owner ☒ Applicant

Mailing Address of Owner/Applicant: 349 West River Road, Augusta, Maine 04330

Daytime Tel. #: (207) 623-8506

Municipal Tax Map # 77 Lot # 28

Owner or Applicant Statement

I state and acknowledge 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.

Richard E Cloutier 5-21-07

Signature of Owner or 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 Application.

(1st) Date Approved

Local Plumbing Inspector Signature — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type Replaced: trench (?)
  - Year Installed: pre-1974 (?)
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 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 COMPONENTS

- ☐ 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 (w/ pump & chamber)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

0.35 ± ☐ sq. ft. ☒ acres

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of bedrooms: 3
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use: ☐ Seasonal ☒ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☒ 5. Other: Augusta Water District

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3

TREATMENT TANK

- ☒ 1. Concrete (existing tank should be inspected, and be maintained or repaired, as necessary)
  - ☒ a. Regular
  - ☐ b. Low profile
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device (plastic tubes)
  - ☐ a. Cluster array ☒ c. Linear
  - ☒ b. Regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE 200 ☐ sq. ft. ☒ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. Multi-compartment Tank
- ☐ b. ____ Tanks in Series
- ☐ c. Increase in Tank Capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

270 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s)
- ☐ 2. Table 502.2 (other facilities)

SHOW CALCULATIONS -- for other facilities --

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE / CONDITION / DESIGN: 3 / C / 1

at Observation Hole # 2

Depth 15" Elevation -75"

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

EFFLUENT/EJECTOR PUMP

- ☐ 1. Not Required
- ☐ 2. May Be Required
- ☒ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

LATITUDE AND LONGITUDE

at Center of Disposal Area

Lat. 44 d 20 m 28.5 s

Lon. 69 d 46 m 28.3 s

If GPS, state margin of error: 24' ±.

SITE EVALUATOR STATEMENT

I certify that on 5-14-07 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

William T. Noble	75	5-18-07
Site Evaluator Signature	SE #	Date
William T. Noble	(207) 547-3252	
Site Evaluator Name Printed	Telephone #	

STATE OF MAINE WILLIAM T. NOBLE No. 75 LICENSED SITE EVALUATOR

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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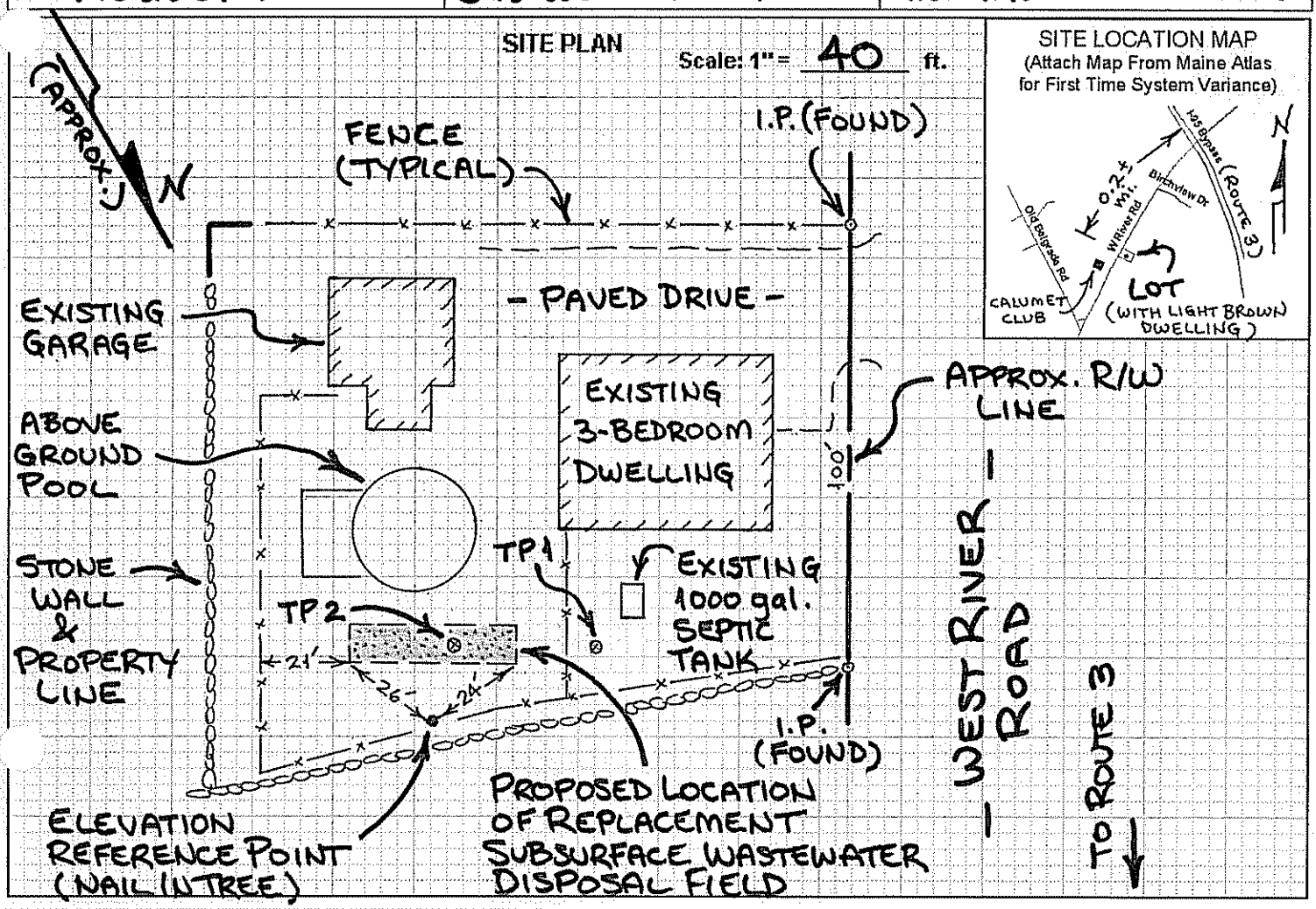
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	349 WEST RIVER RD.	RICHARD E. CLOUTIER

SITE PLAN

Scale: 1" = 40 ft.



SITE LOCATION MAP

(Attach Map From Maine Atlas for First Time System Variance)

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

Observation Hole # 1 ☒ Test Pit ☐ Boring

1/4 ± " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	FINE SANDY LOAM	FRIABLE	BROWN	
6–18	GRAVELLY FINE SANDY LOAM	FRIABLE TO SOMEWHAT FIRM	OLIVE BROWN & MIXED COLORS	
18–48		FIRM	DARK GRAY	COMMON DISTINCT

NOTE: ARTIFACT SEEN IN SOIL PROFILE. UPPER PART IS LIKELY FILL OR REWORKED MATERIAL.

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	5 ±	22	☒ Groundwater ☒ Restrictive Layer ☐ Bedrock

Observation Hole # 2 ☒ Test Pit ☐ Boring

1/4 ± " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	FINE SANDY LOAM	FRIABLE	DARK YELLOWISH BROWN	
6–12	GRAVELLY FINE SANDY LOAM		LIGHT OLIVE BROWN	
12–18		FRIABLE TO SOMEWHAT FIRM	OLIVE	MANY PROMINENT
18–48	FINE SANDY LOAM	FIRM	OLIVE GRAY	

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	5 ±	15	☒ Groundwater ☐ Restrictive Layer ☐ Bedrock

William J. Noble — Site Evaluator Signature

75 — SE #

5-18-07 — Date

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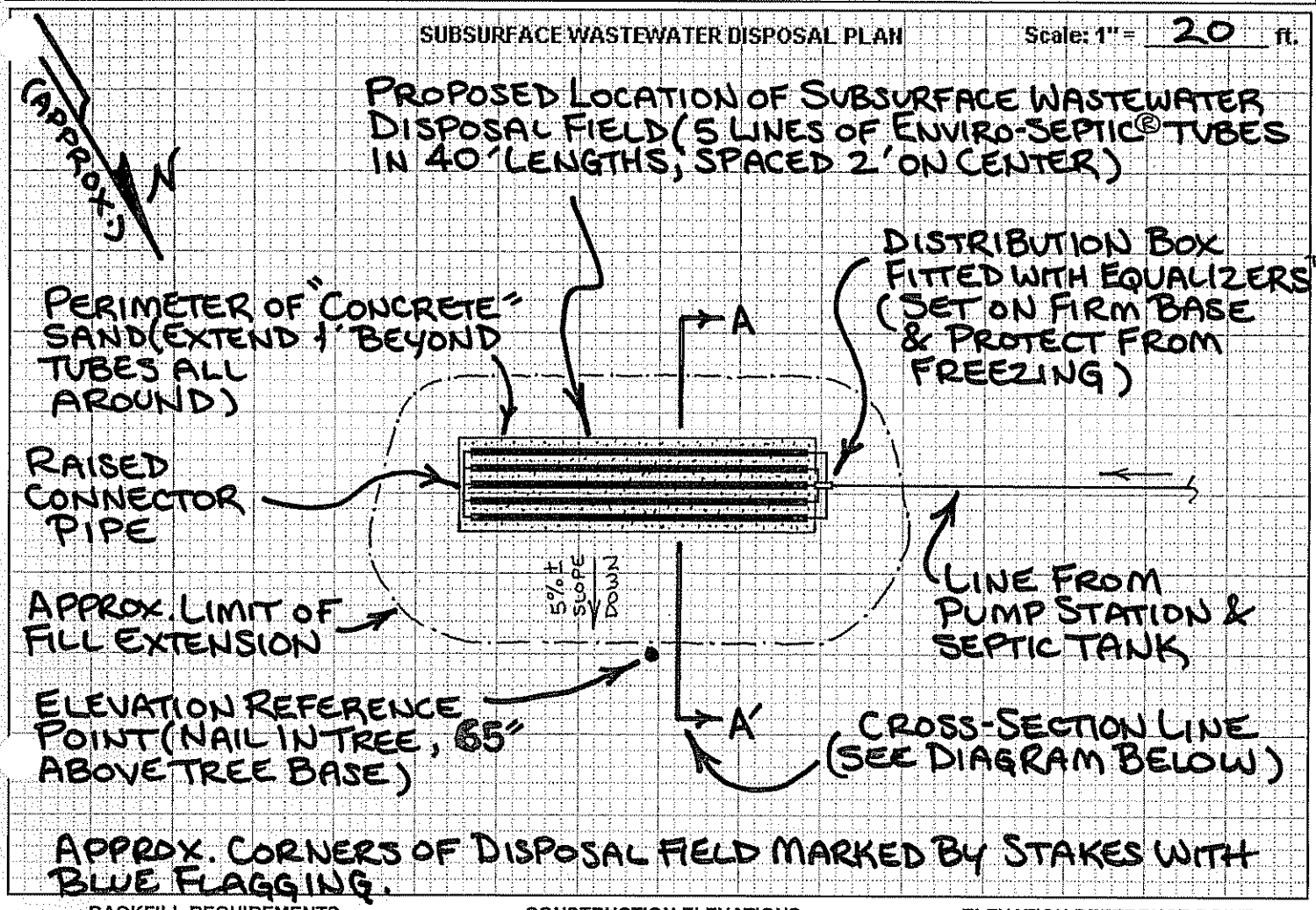
AUGUSTA	349 WEST RIVER RD.	RICHARD E. CLOUTIER

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Backfill (upslope)	21"	Finished Grade Elevation	-34"	Location & Description: NAIL WITH ORANGE FLAGGING IN 20" DIA. MAPLE.
Depth of Backfill (downslope)	27 ±"	Top of Distribution Pipe or Proprietary Device	-48"	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field (SAND BED)	-66"	Reference Elevation is: 0.0" or: _____

NOTES:

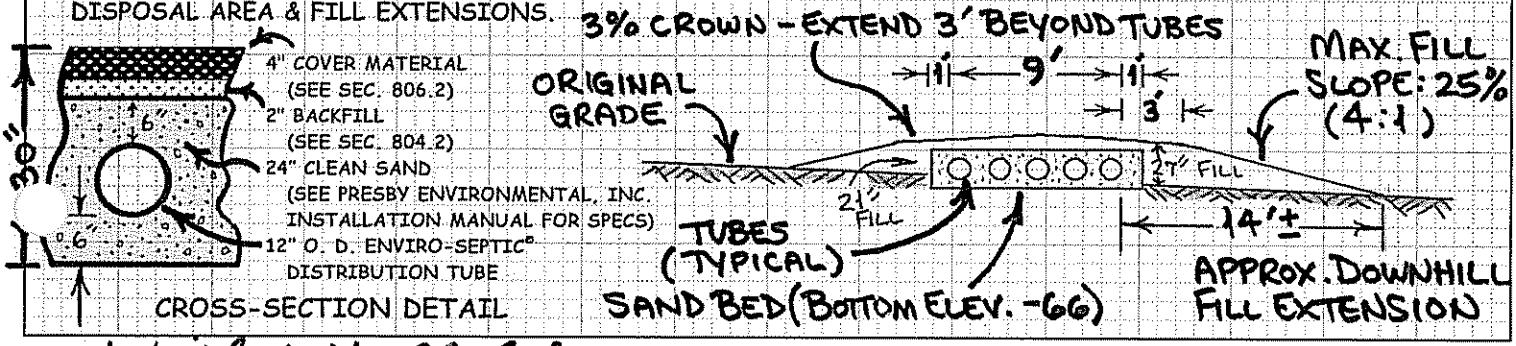
1. INSTALL ENVIRO-SEPTIC® TUBES PER PRESBY ENVIRONMENTAL, INC. MANUAL.
2. REMOVE ORGANIC LAYER & RAKE SOIL SURFACE BEFORE INSTALLING BACKFILL.
3. PLACE 6" OF CLEAN MEDIUM TO COARSE SAND (5% FINES OR LESS) AROUND TUBES.
4. FILL & BACKFILL EXTENSIONS TO BE COARSE SAND TO GRAVELLY COARSE SAND WITH 4 TO 8% FINES, PER SEC. 804.2 OF THE SSWD RULES.
5. GRADE LAND AROUND DISPOSAL FIELD TO DIVERT WATER AWAY FROM THE AREA.
6. REQUIRED FILL DEPTHS MAY VARY DUE TO IRREGULARITIES IN SOIL SURFACE.
7. DEPTH OF ☒ CUT ☐ FILL TO BE VARIES INCHES AT UPHILL EDGE OF EACH LINE.
8. MIX 4" FILL INTO ORIGINAL SOIL TO CREATE A TRANSITIONAL ZONE UNDER DISPOSAL AREA & FILL EXTENSIONS.

DISPOSAL FIELD CROSS-SECTION A-A'

Scales:
Vertical: 1" = 10 ft.
Horizontal: 1" = 10 ft.

LINE ELEVATIONS (inches)

LINE #	TOP	BOTTOM
LINE 1	-48	-60
LINE 2		
LINE 3		
LINE 4		
LINE 5		



CROSS-SECTION DETAIL

William J. Noble	75	5-18-07
Site Evaluator Signature	SE #	Date

Property Location: 349 WEST RIVER ROAD **MAP ID:** 77/ 28/ / / **Bldg Name:** **State Use:** 1010

Vision ID: 9745 **Account #** 600789 **Bldg #** 1 of 1 **Sec #:** 1 of 1 **Card** 1 of 1 **Print Date.** 2/2007 08:58

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Style	06		Conventional
Model	01		Residential
Grade	03		Average
Stories	1		1 Story
Occupancy	2		
Exterior Wall 1	25		Vinyl Siding
Exterior Wall 2			
Roof Structure	03		Gable/Hip
Roof Cover	03		Asph/F Gls/Cmp
Interior Wall 1	05		Drywall/Sheet
Interior Wall 2			
Interior Flr 1	14		Carpet
Interior Flr 2			
Heat Fuel	02		Oil
Heat Type	05		Hot Water
AC Type	01		None
Total Bedrooms	04		4 Bedrooms
Total Bthrms	2		
Total Half Baths	0		
Total Xtra Fixtrs			
Total Rooms			
Bath Style			
Kitchen Style			

CONSTRUCTION DETAIL (CONTINUED)

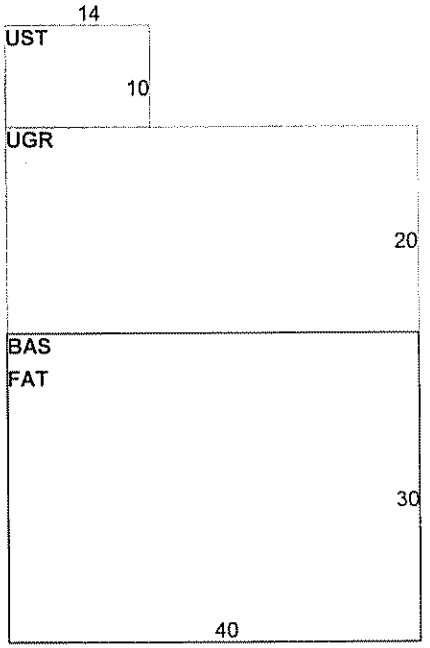
Element	Cd.	Ch.	Description

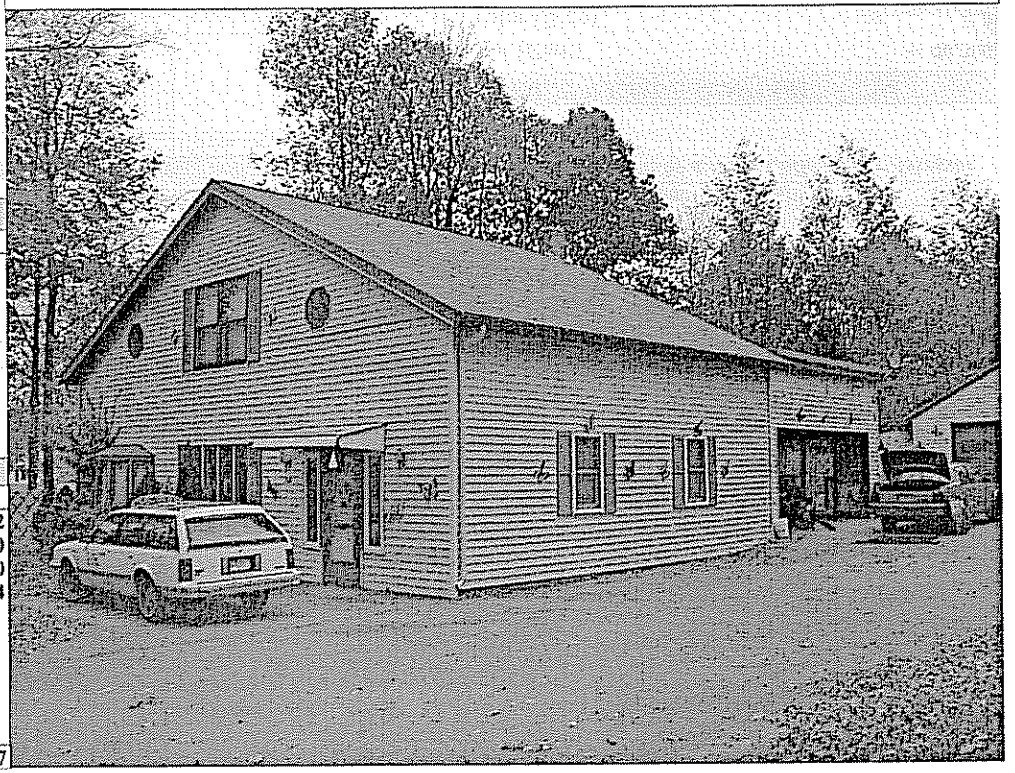
MIXED USE

Code	Description	Percentage
1010	SINGLE FAM MLD-O1	100

COST/MARKET VALUATION

Adj. Base Rate:	67.21
Section. RCN:	117,147
Net Other Adj:	0.00
Replace Cost	117,147
AYB	1900
EYB	1971
Dep Code	A
Remodel Rating	
Year Remodeled	
Dep %	35
Functional Obslnc	0
External Obslnc	5
Cost Trend Factor	1
Condition	
% Complete	
Overall % Cond	60
Apprais Val	70,300
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	





OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
SHD1	SHED FRAME			L	72	10.00	1989		0		60	400
FGR1	GARAGE-AVI			L	712	20.00	1989		0		60	8,500
SPL4	ABOVE GR R(			L	28	90.00	2002		0		50	1,300

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
BAS	First Floor	1,200	1,200	1,200	67.21	80,652
FAT	Attic, Finished	240	1,200	240	13.44	16,130
UGR	Garage, Unfinished	0	800	240	20.16	16,130
UST	Utility, Storage, Unfinished	0	140	63	30.24	4,234
	Ttl. Gross Liv/Lease Area:	1,440	3,340	1,743		117,147