

Thurber
2848 Greenbush Rd
Site Plan 11/16

DAY / W.F. HISTORIC RENOVATIONS, LLC BOUNDARY LINE NOTE

THE EASTERLY OF TWO DAY / W.F. HISTORIC BOUNDARY LINE POSITIONS IS BASED ON THE LOCATION OF AN IRON PIPE FOUND AT THE ORIGINAL 1838 WEST CORNER OF THE MOORE PROPERTY WITH RECORD CALLS APPLIED. THE LINE IS DESCRIBED AS BEING 134' IN LENGTH AND PERPENDICULAR TO THE LINE OF THE ROAD. THE REMAINING LINE HAS BEEN RUN FROM THE WEST END OF THIS LINE TO A REROD SET AT THE FORMER LOCATION OF AN IRON PIPE SHOWN AS FOUND ON THE HEREON REFERENCED JOHN MARSH PLAN.

CERTIFICATION

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ARE BASED ON AND CONSISTENT WITH THE DEED AND PLAT REFERENCES LISTED AS WELL AS EXISTING MONUMENTATION AND OTHER PHYSICAL EVIDENCE AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

LOCUS

SCALE: 1 INCH = 6000 FEET +/-

PAUL PLANTE & JILL FREYER

REFER TO

BOOK 95	PAGE 317	11/15/1996
" 25	" 28	4/14/1938
" 18	" 536	9/27/1899
" 9	" 47	4/20/1830

DAY DEED REFERENCES

BOOK 40	PAGE 101	6/24/1982
" 29	" 145	6/16/1966
" 18	" 536	9/27/1899
" 9	" 47	4/20/1830

PLAT ENTITLED 'PLAT OF SURVEY DARWIN M. NORRIS & EDNA H. NORRIS TOWN OF CHARLOTTE, VT.' DATED 2/27/82 BY JOHN A. MARSH

VERMONT ROUTE F5 (FERRY ROAD)

8 85° 31' 45" E 583.3' ALONG RIGHT-OF-WAY

AREA
3.20 ACRES

STEPHEN AND RAYLEN MOORE

REFER TO

BOOK 29	PAGE 378	11/7/1967
" 29	" 145	6/16/1966
" 18	" 536	9/27/1899
" 9	" 47	4/20/1830

W.F. HISTORIC RENOVATIONS, LLC

REFER TO

BOOK 120	PAGE 499	11/1/2001
" 29	" 378	11/7/1967
" 26	" 440	9/23/1950
" 20	" 138	6/15/1909

HATCHED AREA REPRESENTS PROPOSED EASEMENT TO BE CONVEYED TO W.F. HISTORIC RENOVATIONS, LLC

SEE DAY / W.F. HISTORIC RENOVATIONS, LLC BOUNDARY LINE NOTE ABOVE

LEGEND

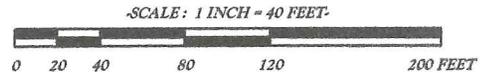
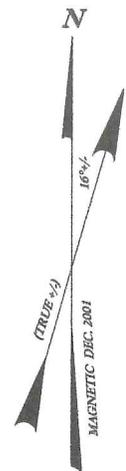
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- EDGE OF ROAD PAVEMENT
- x-x-x-x- BARBED WIRE FENCELINE
- u-u-u- UTILITY LINE / POLE
- - - - - EDGE GRAVEL DRIVE
- 5/8" DIA. REROD SET
- IRON PIPE FOUND

NOTE

THE METES AND BOUNDS SHOWN ON THIS PLAT ARE BASED ON A CLOSED ELECTRONIC INSTRUMENT TRAVERSE WITH A DEGREE OF PRECISION OF 1: 278,863 OBTAINING A MINIMAL POSITIONAL TOLERANCE OF 0.05 FEET PLUS 1: 5,000.

THE BEARINGS SHOWN ARE BASED ON MAGNETIC NORTH AS OBSERVED AT THE SITE ON DECEMBER 20, 2001 AND SERVE ONLY TO DEFINE THE ANGULAR RELATIONSHIP BETWEEN ADJOINING COURSES.

THE RIGHT-OF-WAY LIMITS OF TOWN HIGHWAY NO. 4 & STATE HIGHWAY No. F5 ARE NOT SPECIFIED IN THE ORIGINAL SURVEYS OF THOSE ROADWAYS FOUND IN TOWN RECORD BOOK 2 PAGES 5 AND 3 RESPECTIVELY. CONSEQUENTLY BOTH RIGHT-OF-WAY WIDTHS ARE ASSUMED TO BE 1 1/2 RODS (24.75) FROM AND PARALLEL TO THE EXISTING ROAD CENTERLINES.



PLAN OF PROPERTY BELONGING TO DAVID AND RACHEL DAY

FERRY ROAD AND GREENBUSH ROAD CHARLOTTE, VERMONT

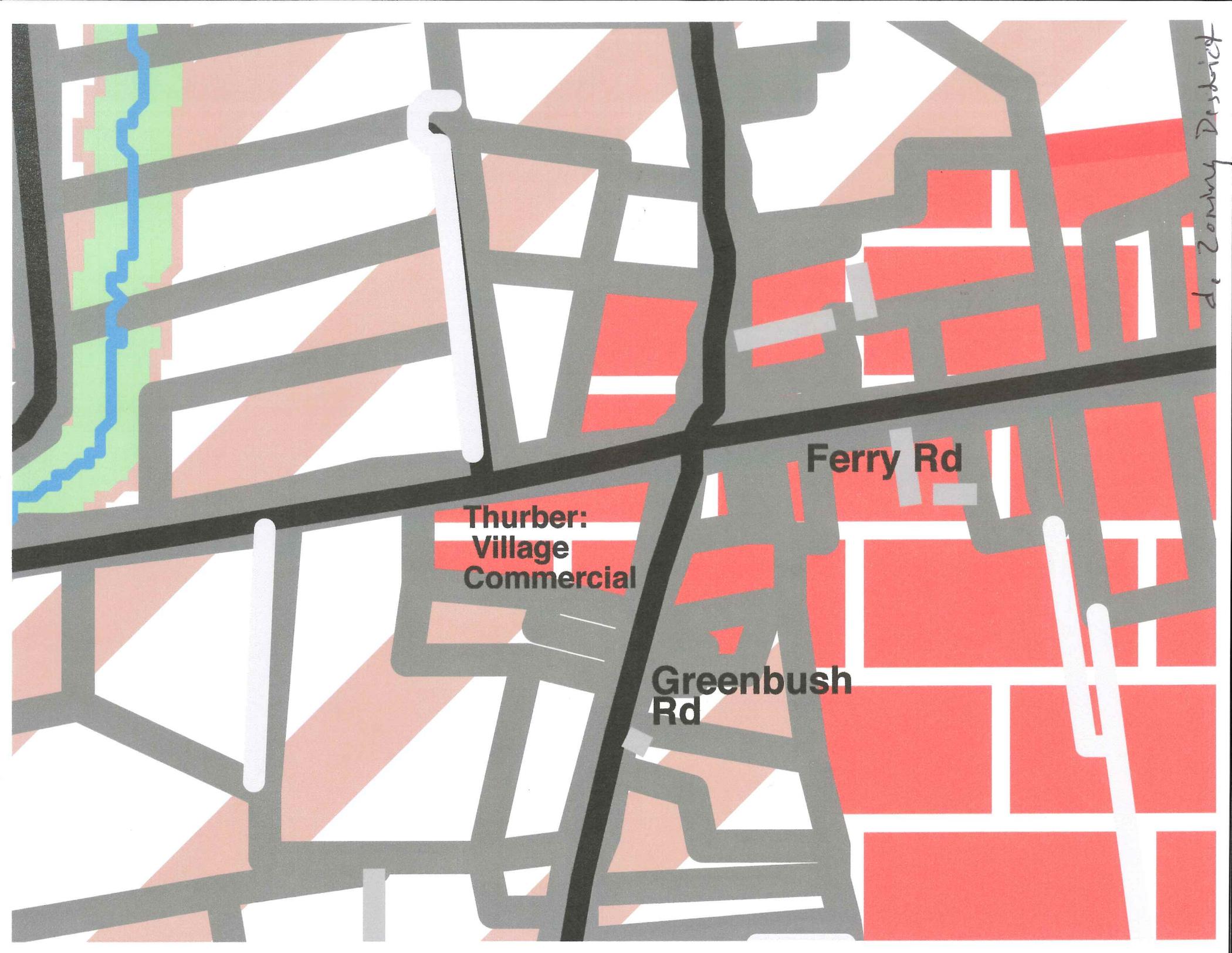
SCALE	1 INCH = 40 FEET
DATE	JUNE 2002
SURVEYED BY	LMG
DRAFTED BY	RWB
CHECKED BY	LMG



FILE No. A 02 - 208

b. Boundary
J. Existing Slgds C. Roads

THURBER



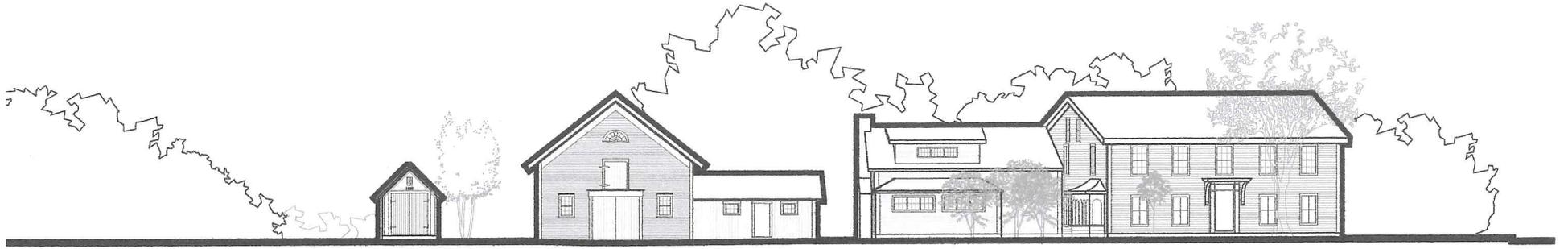
**Thurber:
Village
Commercial**

Ferry Rd

**Greenbush
Rd**

City of Conway, Arkansas

Thurber
2848 Greenbuck Rd
Elevation
11/1/16

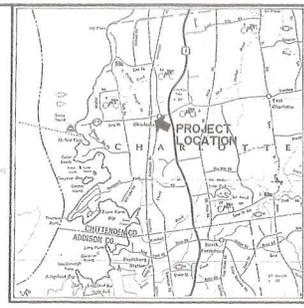


i. Elevations

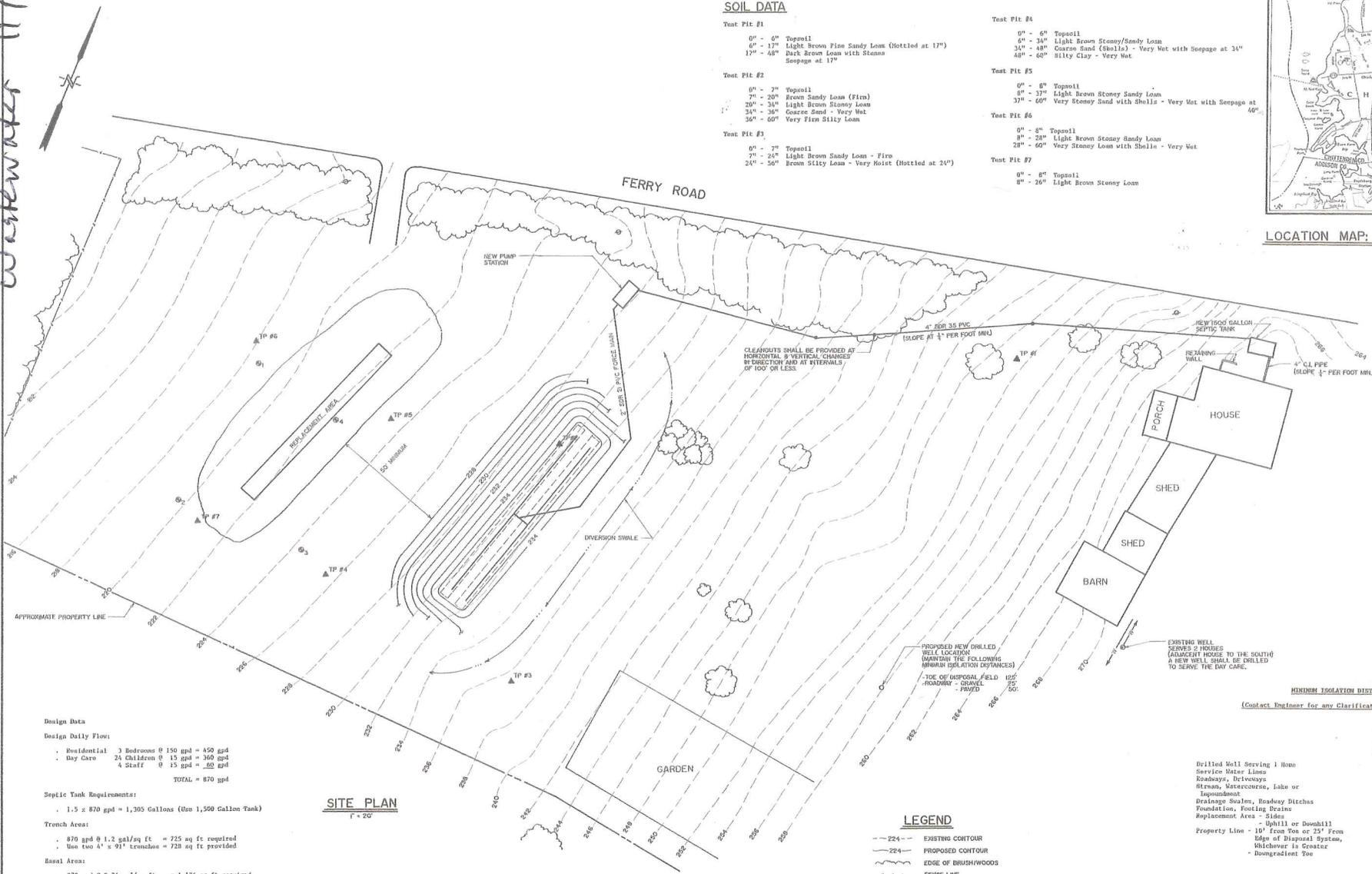
Thunder
2848 Greenbush Rd
Wastewater 11/1/16

SOIL DATA

Test Pit #1	Test Pit #2	Test Pit #3	Test Pit #4	Test Pit #5	Test Pit #6	Test Pit #7
0" - 6" Topsoil	0" - 7" Topsoil	0" - 7" Topsoil	0" - 6" Topsoil	0" - 8" Topsoil	0" - 8" Topsoil	0" - 8" Topsoil
6" - 17" Light Brown Fine Sandy Loam (Notched at 17")	7" - 20" Brown Sandy Loam (Firm)	7" - 24" Light Brown Sandy Loam - Firm	6" - 34" Light Brown Stoney/Sandy Loam	8" - 37" Light Brown Stoney Sandy Loam	8" - 28" Light Brown Stoney Sandy Loam	8" - 28" Light Brown Stoney Sandy Loam
17" - 48" Dark Brown Loam with Stoness Seepage at 17"	20" - 34" Light Brown Stoney Loam	24" - 50" Brown Silty Loam - Very Moist (Notched at 24")	34" - 48" Coarse Sand (Shells) - Very Wet with Seepage at 34"	37" - 60" Very Stoney Sand with Shells - Very Wet with Seepage at 40"	28" - 60" Very Stoney Loam with Shells - Very Wet	28" - 60" Very Stoney Loam with Shells - Very Wet
	34" - 36" Coarse Sand - Very Wet		48" - 60" Silty Clay - Very Wet			
	36" - 60" Very Firm Silty Loam					



LOCATION MAP: SCALE: 1" = 924'



Design Data

Design Daily Flow:

- Residential 3 Bedrooms @ 150 gpd = 450 gpd
- Day Care 24 Children @ 15 gpd = 360 gpd
- Staff 4 Staff @ 15 gpd = 60 gpd

TOTAL = 870 gpd

Septic Tank Requirements:

1.5 x 870 gpd = 1,305 Gallons (Use 1,500 Gallon Tank)

Trench Areas:

- 870 gpd @ 1.2 gal/sq ft = 725 sq ft required
- Use two 4' x 91' trenches = 728 sq ft provided

Basal Area:

- 870 gpd @ 0.74 gal/sq ft = 1,176 sq ft required
- Effective area of 91' x 24' = 2,184 sq ft provided

Pump Requirements:

- (26) 5/16" orifice hole @ 7' O/C (Provide 3' of Residual Head)
- 2.0 gpm/orifice x 26 = 52 gpm
- TWH - Friction = 18'
- Elevation = 13'
- Residual = 3'

TOTAL = 30'

SITE PLAN
1" = 20'

Percolation Test (Method A)
3/12/91
(Depth - 30"-34")

Percolation Test #1 - 8 min/inch
Percolation Test #2 - 6 min/inch
Percolation Test #3 - 7 min/inch
Percolation Test #4 - 9 min/inch

CLEARCUTS SHALL BE PROVIDED AT HORIZONTAL & VERTICAL CHANGES BY SLOPE AND AT INTERVALS OF 100' OR LESS.

4" PER 35 PVC (SLOPE AT 1/4" PER FOOT MIN)

NEW 1500 GALLON SEPTIC TANK
4" CL PIPE (SLOPE 1/4" PER FOOT MIN)

PROPOSED NEW DRILLED WELL LOCATION MARKING THE FOLLOWING MINIMUM ISOLATION DISTANCES:

TOE OF DISPOSAL FIELD 100'
ROADWAY - GRAVEL PAVED 50'
ROADWAY - ASPHALT PAVED 50'

EXISTING WELL SERVES 2 HOUSES (ADJACENT HOUSE TO THE SOUTH) A NEW WELL SHALL BE DRILLED TO SERVE THE DAY CARE.

MINIMUM ISOLATION DISTANCES
(Contact Engineer for any Clarifications or Conflicts)

	HORIZONTAL DISTANCE (FT.)	TOE OF HEAD	SEPTIC TANK
Drilled Well Serving 1 Home	100		50
Service Water Lines	25		25
Roadways, Driveways	10	(25 Downslope)	5
Streams, Watercourses, Lake or Dependent	50		50
Drainage Swales, Roadway Ditches	25		25
Foundation, Footing Drains	35	(75 Downslope)	10
Replacement Area - Slope Uphill or Downhill	10		50
Property Line - 10' from Top or 25' from Edge of Disposal System, whichever is Greater	25		25
Downgradient Toe			

- LEGEND**
- 224 - EXISTING CONTOUR
 - 224 - PROPOSED CONTOUR
 - EDGE OF BRUSH/WOODS
 - FENCE LINE
 - POWER POLE
 - PERC TEST
 - TEST PIT
 - DECIDUOUS TREE
 - CLEARCUT



SAV	S/RI	ADDED LOCATION OF NEW WELL
SAV	S/RI	MOVED LOCATION OF SYSTEM
Date	Chk'd	Revision
Drawn by	SAV	Date
Checked by	SAV	Scale
Approved by		Project No.

THE DEERPATH SCHOOL WASTEWATER DISTRIBUTION SYSTEM

CHARLOTTE, VERMONT

CIVIL ENGINEERING ASSOCIATES, INC. SHELBURNE, VERMONT

SHEET 1

n. wastewater