Minimum Isolation Distances
From Leachfield

Water main	50 Feet
Water service line	25 Feet
Roadway/Driveway	10 Feet (25 Feet Downslope)
Streams/Lakes	50 Feet
Foundations	25 Feet (75 Feet Downslope)
Property Line	25 Feet

BASIS OF DESIGN
4- BEDROOMS = 490 GPD
TOTAL FLOW = 490 GPD
APPLICATION RATE - 2.0 GAL/ SQFT PER DAY (Use Filtrate)
DISPOSAL AREA: 490 GAL/2 GAL/ SQFT PER DAY
REQUIRED AREA = 245
AREA PROVIDED= 288 sq. ft.
USE 2 TRENCHES 4' x 36' LONG

TEST PITS EXCAVATED ON 6/24/08
BY: RJ PICHE EXCAVATING
PRESENT : MILLICENT HASKINS
AND JEFF KEENEY

TP1
0- 8" TOPSOIL LIGHT BROWN FRIABLE
8 - 22" ORANGE BROWN LOAMY SAND, FRIABLE
22 - 39" VERY FINE SANDY LOAM , LIGHT BROWN, FRIABLE
MOTTLES 18", NO WATER LEDGE TO DEPTH

TP2
0- 9" TOPSOIL LIGHT BROWN FRIABLE
9 - 22" ORANGE BROWN LOAMY SAND, FRIABLE
22 - 39" VERY FINE SANDY LOAM , LIGHT BROWN, FRIABLE
MOTTLES 20", NO WATER LEDGE TO DEPTH

PERCOLATION TEST
P-1 - 12.8 Min/inch

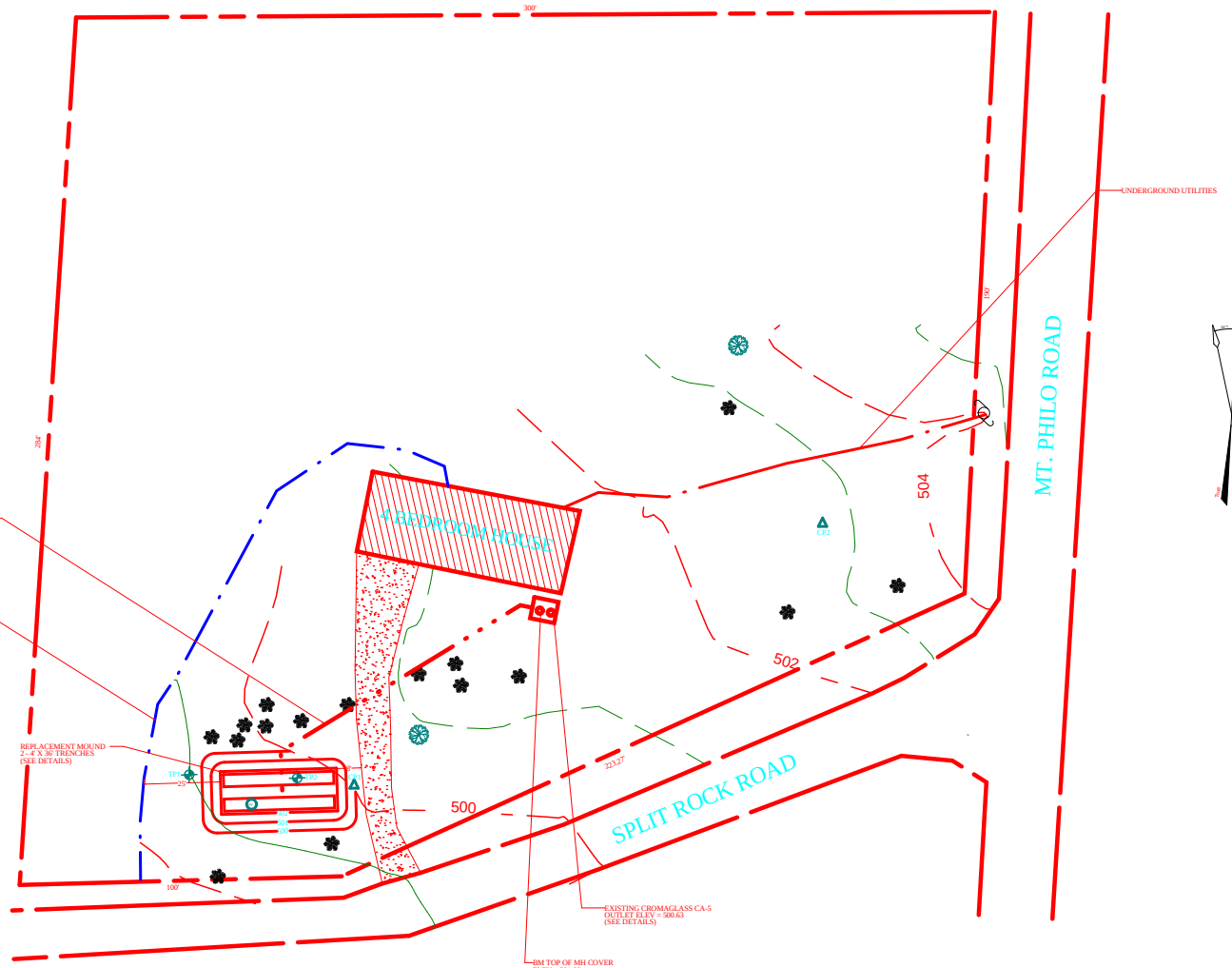
THE LOCATION OF THE WASTEWATER DISPOSAL IS THE BEST POSSIBLE BASED ON A SITE EVALUATION AND SOIL TEST PITS. THE PROPER OPERATION AND MAINTENANCE OF THE PROPOSED SYSTEM IS THE OWNERS RESPONSIBILITY.

I RECOMMEND THE OWNER ENTER INTO A SERVICE AGREEMENT WITH THE CROMAGLASS REPRESENTATIVE FOR YEARLY MAINTENANCE.

THE LIFE OF THE SYSTEM CAN NOT BE ESTIMATED DUE TO CONDITIONS BEYOND THE CONTROL OF THE DESIGNER SUCH AS INTRODUCTION OF FOREIGN MATERIAL INTO THE SYSTEM (USE OF NON-BIODEGRADABLE DETERGENTS, CHEMICALS) WILL ADVERSELY AFFECT THE OPERATION OF THE DISPOSAL SYSTEM.
GARBAGE DISPOSALS AND WATER SOFTNERS ARE NOT ALLOWED.

I RECOMMEND INSTALLING WATER SAVING FIXTURES AND CONSERVING WATER WHENEVER POSSIBLE.

DUE TO INSTANCES BEYOND THE DESIGNERS CONTROL THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE CONTINUED FUNCTIONING AND PROPER USE AND MAINTENANCE OF THE SYSTEM.



Locus Map

LEGEND

- TREE
- SEPTIC TANK
- SHALLOW WELL
- TEST PITS
- CONTROL POINT
- PERCOLATION TEST
- CURB STOP
- UTILITY POLE
- IRON PIPE
- EXISTING CONTOURS
- APPROX BOUNDARY
- 500 PROPOSED CONTOURS

BENCH MARK ELEVATIONS

BM-1 TOP CENTER CROMAGLASS MH COVER WEST = 501.88

SURVEY NOTE

APPROXIMATE BOUNDARIES ARE DEPICTED PER OWNER AND EVIDENCE FOUND IN THE FIELD & TOWN OF CHARLOTTE PARCEL MAPS THIS PLAN DOES NOT REPRESENT A LEGAL BOUNDARY SURVEY. CONTACT A LICENSED LAND SURVEYOR AS NECESSARY TO VERIFY BOUNDARIES.

CONTRACTOR SHALL NOTIFY DIGSAFE AT 1-888-DIGSAFE PRIOR TO ANY EXCAVATION

SITE PLAN

SCALE 1" = 20'

0 10 20 40 60

DESCRIPTION	BY

THIS DESIGN IS PROPOSED TO SATISFY CRITERIA AND MEET THE INTENT OF THE VERMONT ENVIRONMENTAL PROTECTION RULES CHAPTER 1 WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES EFFECTIVE SEPTEMBER 29, 2007 TO THE EXTENT POSSIBLE.

STATE OF VERMONT
JEFFREY KEENEY
NO. 377-B
LICENSED DESIGNER

SITE PLAN

HAWKINS RESIDENCE
30 SPLIT ROCK ROAD
CHARLOTTE, VERMONT

HIGH KNOB
DESIGN ASSOCIATES LLC

WATER & WASTEWATER DESIGNS
TOPOGRAPHIC SITE PLANS & MAPPING
STATE & LOCAL PERMITTING

981 BIG HOLLOW ROAD
STARKSBORO, VERMONT 05487
453-5071

Drawn: JMK
Date: 6/30/08
Scale: AS NOTED
Project: 2008043
Sheet: 1 OF 2