

South

Existing Large Cow Barn

Glass Top Carriage Barn Door
96" Height
100" Width

East

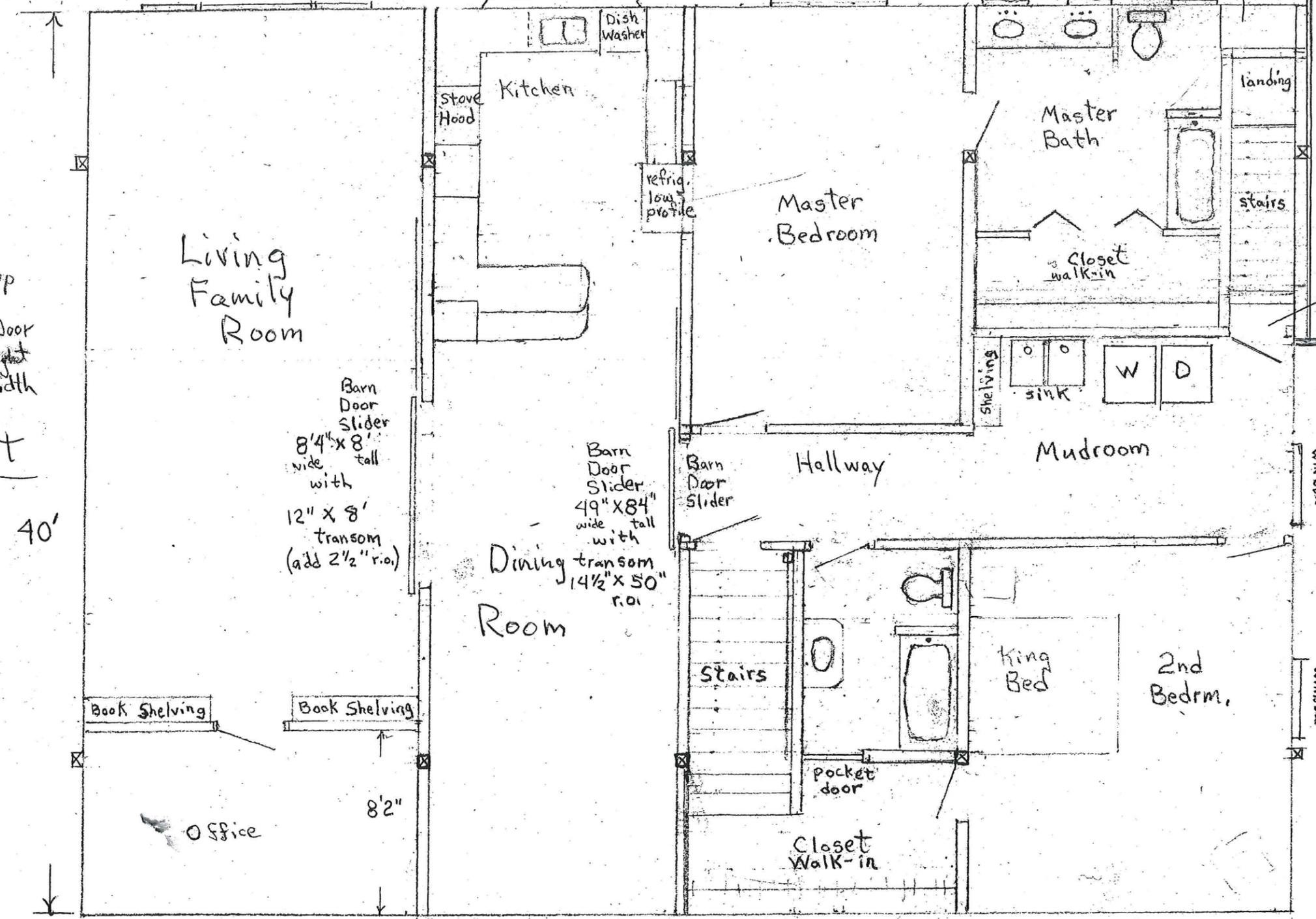
40'

r.o. 60" X 96.5"
r.o. 30.5" X 96.5"
w/ 4" separation
Patia Door w/ Transom
& Side lights

r.o. 57" X 55"
dbl. casement window

(3) r.o. 25" X 65.5"
casement windows

Bay Window
61 X 82



Barn Door Slider
8'4" X 8' tall
with
12" X 8' transom
(add 2 1/2" r.o.)

Barn Door Slider
49" X 84"
wide tall
with
transom
14 1/2" X 50"
r.o.

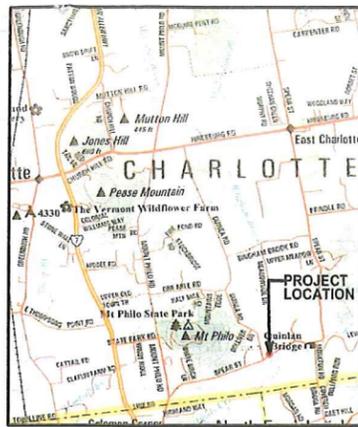
38" X 76" + 3"
Z barn door

Barn Doors
88" Height
6' - wide
10'3" - "
12' - "
Mudroom

5' X 80"
West

Lg Barn
8" minus 2" planks
Landing 10"

54' Upper Level Floor Plan
North (Interior View)



Project Location Map
Not to Scale

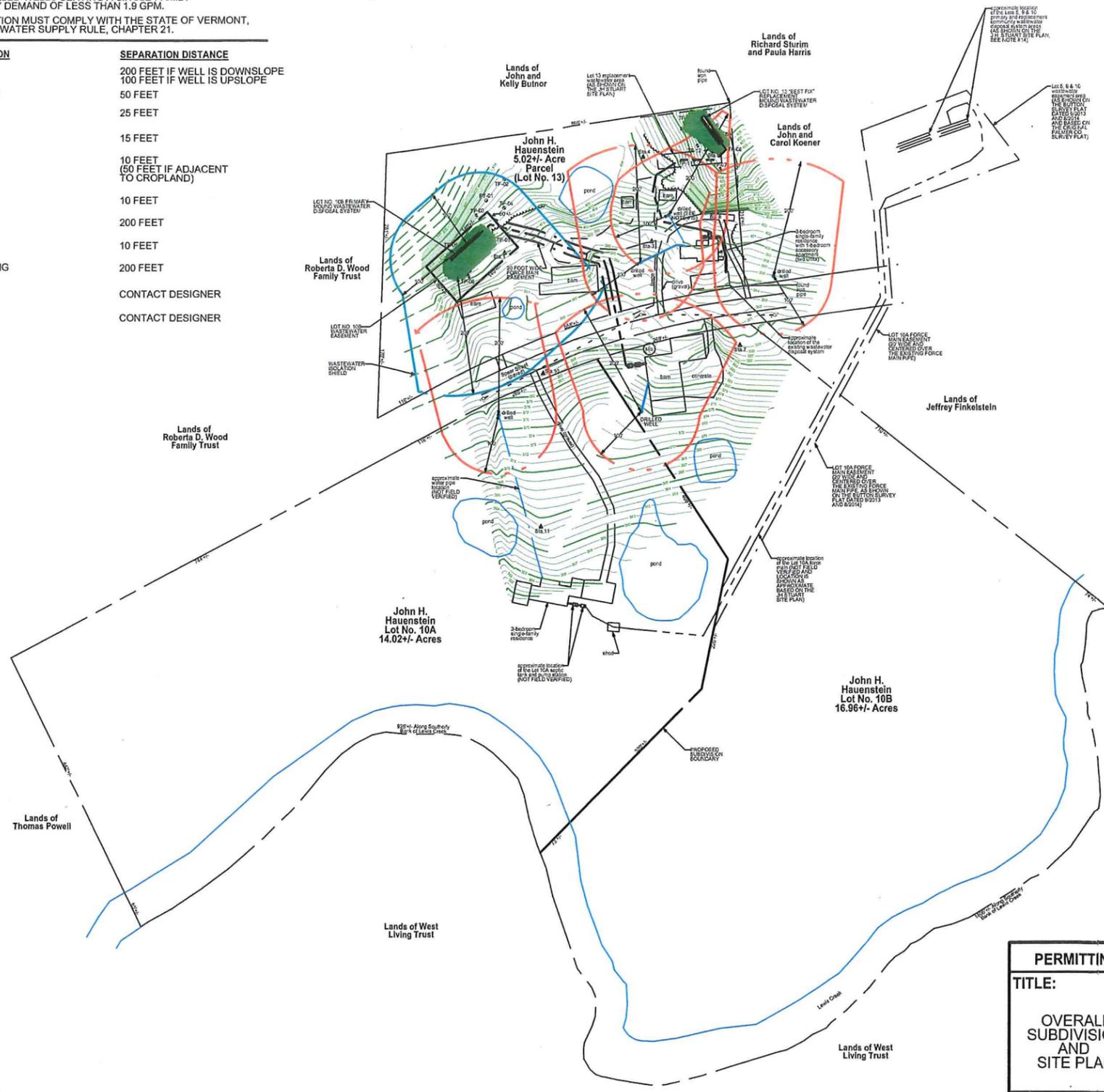
DRILLED WELL REQUIRED MINIMUM ISOLATION DISTANCES

1. THESE DISTANCES APPLY TO DRILLED WELLS SERVING A SINGLE-FAMILY RESIDENCE, WITH A MAXIMUM DAILY DEMAND OF LESS THAN 1.9 GPM.
2. WELL LOCATION AND CONSTRUCTION MUST COMPLY WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, WATER SUPPLY RULE, CHAPTER 21.

POTENTIAL SOURCE OF CONTAMINATION	SEPARATION DISTANCE
SEWAGE DISPOSAL FIELD WITH FLOWS <2000 GPD	200 FEET IF WELL IS DOWNSLOPE 100 FEET IF WELL IS UPSLOPE
SUBSURFACE WASTEWATER PIPING	50 FEET
EDGE OF ROADWAY OR PARKING LOT	25 FEET
EDGE OF RESIDENTIAL DRIVE SERVING 3 RESIDENCES OR LESS	15 FEET
PROPERTY LINE	10 FEET (60 FEET IF ADJACENT TO CROPLAND)
BUILDINGS	10 FEET
LIMIT OF HERBICIDE APPLICATION ON UTILITY RIGHT-OF-WAY	200 FEET
SURFACE WATER	10 FEET
CONCENTRATED LIVESTOCK HOLDING AREAS AND MANURE STORAGE	200 FEET
HAZARDOUS OR SOLID WASTE DISPOSAL SITE	CONTACT DESIGNER
NON-SEWAGE WASTEWATER DISPOSAL FIELDS	CONTACT DESIGNER

PROJECT NOTES

1. THESE PLANS ARE BASED ON A TOPOGRAPHIC SURVEY CONDUCTED BY JASON BARNARD CONSULTING, LLC WITH A NIKON NPL-522 THREE SECOND TOTAL STATION ON JULY 10, 2014.
2. ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 400.00' AT STATION NO. 1.
3. THIS IS NOT A BOUNDARY SURVEY.
4. FOR CLARITY, TEXT NOTING EXISTING ITEMS ARE LOWER CASE, AND TEXT NOTING PROPOSED ITEMS ARE UPPER CASE.
5. THE PROPERTY BOUNDARIES ARE BASED ON A BUTTON PROFESSIONAL LAND SURVEYORS, P.C. PRELIMINARY SURVEY PLAT, INFORMATION PROVIDED BY THE PROPERTY OWNER AND PHYSICAL EVIDENCE FOUND DURING THE JULY 10, 2014 TOPOGRAPHIC SURVEY. NO WARRANTY IS MADE TO THE ACCURACY OF THE BOUNDARY LINES SHOWN HEREON.
6. THE LOT NO. 10B PRIMARY MOUND WASTEWATER DISPOSAL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES" EFFECTIVE SEPTEMBER 29, 2007.
7. THE LOT NO. 13 (5.02+/- ACRE PARCEL) REPLACEMENT WASTEWATER SYSTEM IS CONSIDERED A "BEST FIX" AND THE MOUND SYSTEM HAS BEEN DESIGNED IN REASONABLE CONFORMANCE WITH THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION RULES, CHAPTER 1, "WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES" EFFECTIVE SEPTEMBER 29, 2007.
8. IN ACCORDANCE WITH SUBSECTION 1-806 OF THE STATE OF VERMONT, ENVIRONMENTAL PROTECTION RULES (EPR), CHAPTER 1 A VARIANCE IS BEING REQUESTED TO INSTALL THE LOT NO. 13 "BEST FIX" REPLACEMENT WASTEWATER DISPOSAL SYSTEM. A VARIANCE IS BEING REQUESTED AS A RESULT OF THE FOLLOWING SITE CONDITIONS:
8B. THE PROPOSED REPLACEMENT WASTEWATER DISPOSAL SYSTEM IS LOCATED WITHIN 10 FEET OF THE EXISTING PROPERTY BOUNDARY. THE PROPOSED REPLACEMENT WASTEWATER SYSTEM IS LOCATED ON A PORTION OF THE 5.02+/- ACRE PARCEL WHERE THE SOILS ARE CONDUCTIVE TO WASTEWATER DISPOSAL.
9. THE LOT NO. 10A WASTEWATER DISPOSAL SYSTEM WAS DESIGNED BY J.H. STUART AND IS LOCATED ON LOT NO. 14 OF THE FORMER LEWIS CREEK FARMS SUBDIVISION. BASED ON DISCUSSIONS WITH CURRENT LANDOWNER, THE LOT NO. 10A WASTEWATER SYSTEM IS PROPERLY FUNCTIONING (NOT SURFACING OR BACKING UP) AND A REPLACEMENT AREA HAS BEEN IDENTIFIED. THE LOT NO. 10A WASTEWATER DISPOSAL SYSTEM WAS DESIGNED AND INSTALLED BY OTHERS AND THEREFORE JASON BARNARD CONSULTING, LLC ASSUMES NO FUTURE LIABILITY WITH REGARDS TO THE LOT NO. 10A WASTEWATER SYSTEM. SINCE A REPLACEMENT AREA HAS ALREADY BEEN IDENTIFIED FOR LOT NO. 10A, NO WORK HAS BEEN COMPLETED RELATIVE TO THE LOT NO. 10A PRIMARY OR REPLACEMENT WASTEWATER DISPOSAL SYSTEMS.
10. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND HAVE NOT BEEN FIELD VERIFIED.
11. THE CONTRACTOR IS REQUIRED TO NOTIFY THE DIG SAFE NETWORK AT LEAST 48-HOURS IN ADVANCE OF PERFORMING ANY WORK AT THE SITE.
12. THE CONTRACTOR SHALL ADHERE TO VERMONT OCCUPATIONAL HEALTH AND SAFETY AGENCY (VOSH) GUIDELINES FOR EXCAVATING AND TRENCH EXCAVATION WORK.
13. JASON BARNARD CONSULTING, LLC IS NOT RESPONSIBLE FOR ANY ASPECTS OF HEALTH AND SAFETY ASSOCIATED WITH THIS PROJECT.
14. THE PROPERTY OWNER AND GENERAL CONTRACTOR SHALL REVIEW AND ADHERE TO ALL APPLICABLE ZONING SETBACKS PRIOR TO CONSTRUCTION OF ANY STRUCTURES ON THE SUBJECT PROPERTIES.
15. A FORMAL WETLAND DELINEATION HAS NOT BEEN COMPLETED AS PART OF THIS PROJECT. JASON BARNARD CONSULTING, LLC ARE NOT WETLAND ECOLOGISTS AND THEREFORE DO NOT WARRANT THE PRESENCE OR ABSENCE OF WETLANDS AT THE SUBJECT PROPERTY. BASED ON VERBAL INFORMATION PROVIDED BY THE LANDOWNER, STATE OF VERMONT WETLANDS DIVISION PERSONNEL CONDUCTED A SITE VISIT AND THE EXISTING PONDS ARE NOT CONSIDERED CLASS II WETLANDS.
16. ONCE THE REPLACEMENT MOUND SYSTEM HAS BEEN CONSTRUCTED AND BEFORE IT IS IN USE, THE DRILLED WELL THAT CURRENTLY SERVES THE RESIDENTIAL STRUCTURE ON THE 5.02+/- ACRE PARCEL (LOT 13) SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH SECTION 12.3.5 OF THE STATE OF VERMONT WATER SUPPLY RULE (WSR).



RECEIVED
SEP 19 2014
CHARLOTTE
PLANNING & ZONING

MAGNETIC NORTH

LEGEND

- Boundary Line/ROW
- Edge of Road (surface labeled)
- Edge of Drive (surface labeled)
- 70 1 Foot Ground Surface Contour
- 70 Finish Grade
- 70 Interpolated Ground Contour
- Gravity Sewer
- 1-Inch Diameter Polyethylene Plastic Water Line
- Well Isolation
- Wastewater Isolation
- Zoning Setback
- Tree Line
- Utility Pole
- △ Traverse Station
- TBM Temporary Bench Mark (type and elevation noted)
- ⊗ Test Pit (TP-01)
- ⊙ Percolation Test (PT-01)

APPROVED
SEPTIC DISPOSAL SYSTEM DESIGN
BY: [Signature]
SEWAGE OFFICER
TOWN OF CHARLOTTE
UNDER DELEGATION AUTHORITY
FROM THE STATE OF VERMONT
WASTEWATER MANAGEMENT DIVISION
DATE: 10/23/14

Graphic Scale: 1 inch = 225 feet



PERMITTING
TITLE:
OVERALL SUBDIVISION AND SITE PLAN

SIGNATURE:
[Signature]
JASON S. BARNARD
LICENSED DESIGNER #430-B

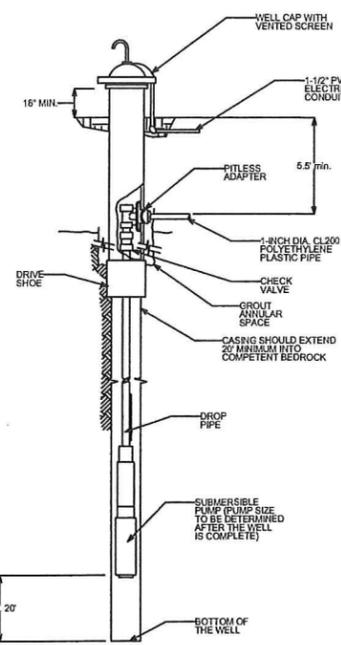
Jason Barnard Consulting, LLC
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Starksboro, VT 05487
Telephone: (802) 453-2597
Fax number: (802) 453-8497
E-mail: jbsitech@hotmail.com

JOHN H. HAUENSTEIN
TWO-LOT SUBDIVISION AND REPLACEMENT WASTEWATER SYSTEM
6300 AND 6373 SPEAR STREET,
CHARLOTTE, VERMONT

DATE: SEPTEMBER 18, 2014	REVISIONS:	DRAWING NO. 1
SCALE: 1" = 225'		
DRAWN BY: MJ		
CHECKED BY: JB		SHEET 1 OF 4



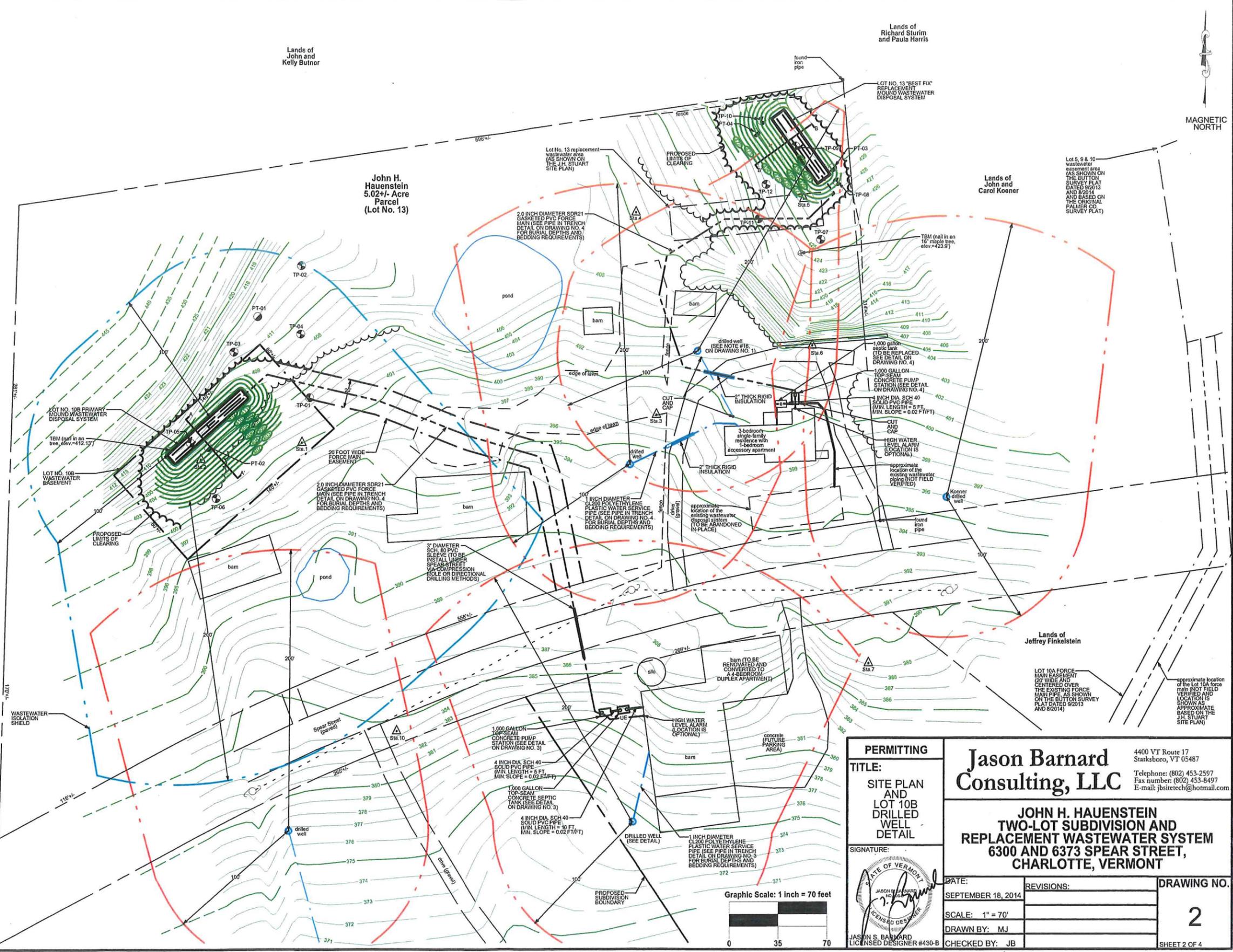
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 - Test Pit (TP-01)
 - Percolation Test (PT-01)



NOTES:

1. THE DRILLED WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPENDIX A PART 12 OF THE VERMONT WATER SUPPLY RULE.
2. THE DRILLED WELL LOCATION SHALL ADHERE TO THE ISOLATION DISTANCES SHOWN ON THE DRILLED WELL ISOLATION TABLE ON DRAWING NO. 1.

LOT 10B DRILLED WELL CONSTRUCTION DETAIL
NOT TO SCALE



PERMITTING
TITLE:
SITE PLAN AND LOT 10B DRILLED WELL DETAIL

SIGNATURE:

JASON S. BARNARD
LICENSED DESIGNER #430-B

Jason Barnard Consulting, LLC
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Starksboro, VT 05487
Telephone: (802) 453-2597
Fax number: (802) 453-8497
E-mail: jbsitetech@hotmail.com

JOHN H. HAUENSTEIN TWO-LOT SUBDIVISION AND REPLACEMENT WASTEWATER SYSTEM
6300 AND 6373 SPEAR STREET,
CHARLOTTE, VERMONT

DATE: SEPTEMBER 18, 2014	REVISIONS:	DRAWING NO. 2
SCALE: 1" = 70'	DRAWN BY: MJ	CHECKED BY: JB
SHEET 2 OF 4		

