-NOTE-

1. CONTACT THE DESIGNER TO STAKE DRILL LOCATION PRIOR TO CONSTRUCTION. NO DEVIATION IS PERMITTED WITHOUT APPROVAL.
2. WELL CASING INSTALLATION AND GROUTING OF THE ANNULAR SPACE SHALL BE COMPLETED IN ACCORDANCE WITH THE VERMONT WATER SUPPLY RULES.

TYPICAL

DRILLED WELL

NTS

WATER SYSTEM DEMAND (11.3)

PROPOSED WELL TO SERVE NEW 3 BR HOME.

AVERAGE DAY DEMAND (11.3.0)

PROPOSED: 3 BRx140 GPD/BR = 420 GPD

ADD TOTAL = 420 GPD

MAXIMUM DAY DEMAND (11.3.1)

MDD = 420 GPD/720 MIN. = 0.58 GPM

INSTANTANEOUS PEAK DEMAND (11.3.2)

IPD: 1 UNIT @5 GPM/UNIT = 5 GPM

YIELD TO BE DETERMINED.

PRESSURE TANK, WATER SERVICE AND PUMP SIZE MUST BE CAPABLE OF DISCHARGING 5 GPM @50 PSI.

DRILLED WELL ISOLATION DISTANCES (CH. 21)

CONTAMINATION SOURCES	MINIMUM
ROADWAY/PARKING LOT (EDGE OF SHOULDER)	25 FT
DRIVEWAY (LESS THAN 3 RESIDENCES)	15 FT
DISPOSAL FIELD/BASAL AREA OF MOUND	100–200 FT (1)
SUBSURFACE WASTEWATER PIPING/TANKS	50 FT
PROPERTY LINE	10 FT (2)
LIMIT OF HERBICIDE APPLICATION (UTILITY R.O.W.)	100 FT (3)
BUILDINGS	10 FT
CONCENTRATED LIVESTOCK HOLDING AREA AND MANURE STORAGE SYSTEMS	200 FT

1. AS DEPICTED BY WELLHEAD PROTECTION ZONE.
2. INCREASE TO 50 FT ADJACENT TO AGRICULTURAL CROPLAND.
3. APPLICATION IN LAST 12 MO. OR IN FUTURE.

* WELLHEAD PROTECTION ZONE DEPICTED ON PLAN.
** NO WELL PERMITTED WITHIN FLOODWAY.

NOTES:

1. DRILLED WELL(S) SHALL BE INSTALLED WHERE SHOWN (LOCATION TO BE STAKED BY DESIGNER). A PERMIT AMENDMENT WILL BE REQUIRED IF CONSTRUCTED IN ANY OTHER LOCATION.
2. WELL LOCATION(S) HAVE BEEN SELECTED ONLY ON THE BASIS OF SEWAGE DISPOSAL ISOLATION DISTANCES. NO HYDROGEOLOGIC INFORMATION WAS GATHERED OR ANALYZED TO ESTABLISH THAT THESE LOCATIONS WILL SUPPLY POTABLE WATER OF SUFFICIENT QUALITY AND QUANTITY.
3. WATER SERVICE(S) TO BE 1"ø PE OR APPROVED EQUAL. MAINTAIN 25' MIN. ISOLATION FROM WATER SERVICE TO DISPOSAL FIELD OR SEPTIC TANK AND 10' MIN. TO SEWER PIPING.

DRILLED WELL LOCATION NOTE

PROPOSED WELL LOCATION(S) ARE GENERALLY BASED ON ISOLATION DISTANCES TO WASTEWATER DISPOSAL SYSTEM(S). NO HYDROGEOLOGIC INFORMATION WAS USED TO ESTABLISH THE LOCATION OR THAT THE LOCATION(S) WILL SUPPLY THE PROJECT WITH SUFFICIENT QUANTITY OR QUALITY.

ISOLATION NOTE:

MAINTAIN MINIMUM SEPARATION BETWEEN WATER SERVICE LINE:

10' MIN. TO SEWER PIPING
25' MIN. TO DISPOSAL FIELD
25' MIN. TO SEPTIC TANK

INSULATION NOTE:
PROVIDE 2" RIGID FOAM INSULATION AT ROAD AND DRIVE CROSSINGS AND UNDER PARKING LOTS. EXTEND 10' FROM ROAD EDGE IN BOTH DIRECTIONS. INSTALL WHERE PIPING LIES WITHIN 10' OF ANY ROAD OR DRIVE.

TYPICAL

WATER SERVICE TRENCH

NTS

NOTES:
KEEP TRENCH FREE OF WATER WHILE OPEN.
PROVIDE CLAY DIKE EVERY 100' TO PREVENT GROUNDWATER MOVEMENT

TYPICAL

SEWER TRENCH

NTS

ORIFICE SHIELD

NTS

FLUSHING ENCLOSURE

NTS

LATERAL INVERTS = 747.7

LATERAL INVERTS BASED ON AVERAGE GROUND ELEVATION OF 746.2 ALONG UPPER EDGE OF MOUND BED. FIELD VERIFY.

BED SYSTEM NOTES

1. EXCAVATE BED BOTTOM LEVEL. RAKE TO SCARIFY SURFACE.
2. PRIME AND SOLVENT WELD ALL CONNECTIONS.
3. ORIFICES SHALL POINT DOWNWARDS WITH A "SIM-TECH" ORIFICE SHIELD (OR APPROVED EQUAL) COVERING EACH HOLE (28 TOTAL).
4. DISTRIBUTION: 10'Wx70'L = 700 SF, 700 SF/28 ORIFICES = 25.0 SF/ORIFICE.

SECTION
MOUND SYSTEM

NTS

VENT MAY BE EXTENDED TO ALTERNATE LOCATION - PITCH PIPING BACK TO PUMP STATION.

PROVIDE INTERIOR OR EXTERIOR AUDIO-VISUAL ALARM PANEL IN LOCATION APPROVED BY OWNER. ALL ELECTRICAL WORK SHALL BE COMPLETED BY A LICENSED ELECTRICIAN.

TANK VOLUME: ±235 GALS./FT. (AVG.)

MIN. 4 DOSES PER DAY: 420 GPD/4 = 105 GAL./DOSE.

NETWORK VOLUME = ±12 GALS. 12 GAL.x5 = 60 GAL. MIN. DOSE.

SET FLOAT TO DISCHARGE ±100 GALS./DOSE = 4+ DOSES/DAY. DOSE VOLUME MODIFICATIONS MAY BE REQUIRED IF/WHEN LOT 1 CONNECTS TO MOUND SYSTEM.

SELECT EFFLUENT PUMP CAPABLE OF DISCHARGING 35 GPM @40' TDH.

SPECIFICATIONS:

- CONCRETE MINIMUM STRENGTH 5000PSI @ 28 DAYS.
- STEEL REINFORCEMENT GRADE 60.
- TOP SEAM CONSTRUCTION.
- WATER TIGHT TO TOP OF CONCRETE.
- 4" CAST-A-SEAL BOOTED CONNECTIONS.
- WEIGHTS SUBJECT TO VARIATION

1,000 GAL.

PUMP STATION

CAMP PRECAST #1000PS

NTS

*PROVIDE ADDITIONAL RISER EXTENSIONS TO GRADE AS NECESSARY. COVERS TO BE BOLTED DOWN W/SS SCREWS.

OUTSIDE TANK DIMENSIONS: 7'-9"L x 5'-4"W x 5'-7.5"H

*PROVIDE ADDITIONAL RISER EXTENSIONS TO GRADE AS NECESSARY

OUTSIDE TANK DIMENSIONS: 7'-9"L x 5'-4"W x 5'-7"H

SPECIFICATIONS:

- CONCRETE MINIMUM STRENGTH 5000PSI @ 28 DAYS.
- STEEL REINFORCEMENT GRADE 60.
- TOP SEAM CONSTRUCTION.
- EFFLUENT FILTER TO BE FIELD INSTALLED BY CONTRACTOR.
- EFFLUENT FILTER ALARM AVAILABLE.
- WATER TIGHT TO TOP OF CONCRETE.
- 4" CAST-A-SEAL BOOTED CONNECTIONS.
- WEIGHTS SUBJECT TO VARIATION

1,000 GALLON
2 COMPARTMENT

SEPTIC TANK

CAMP PRECAST #1000STL2CW

NTS

INVERT ELEVATION KEY

4" SCH. 40 PVC - HOUSE FOUNDATION*	= 733.0
4" SCH. 40 PVC - SEPTIC TANK INLET	= 732.8
4" SDR 35 PVC - SEPTIC TANK OUTLET	= 732.5
4" SDR 35 PVC - PUMP STATION INLET	= 732.4
2.5" SCH. 40 PVC - PUMP STATION OUTLET	= 729.6
1.5" SCH. 40 PVC - LATERAL(S)	= 747.7

*ASSUMED AT NEW HOUSE (MAINTAIN RELATIVE TANK INVERT ELEVATIONS).

SUBSURFACE TANK NOTE

THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AN AREA WHICH CONTAINS SUFFICIENT SOIL DEPTH FOR TANK PLACEMENT. ALTERNATE LOCATIONS MAY BE REQUIRED TO ACHIEVE DESIRED ELEVATIONS AND PROPER SOIL COVER OVER TANK. SOIL DEPTH SHOULD VERIFIED PRIOR TO ORDERING OR DELIVERY OF TANK(S).

CONSULT WITH DESIGNER PRIOR TO DETERMINING FINAL TANK DEPTHS. SHALLOW DEPTHS MAY BE NECESSARY TO OVERCOME BUOYANT FORCES.

KEEP EXCAVATION FREE OF WATER DURING INSTALLATION. PLACE 3"–6" CRUSHED STONE BED BENEATH TANK.

PLAN
MOUND BED

1" = 10'

§1-921(g) SAND FILL SPECIFICATIONS

PREFERRED

TABLE 9-8 (MOUND FILL MATERIAL #1)		
SIEVE NO.	OPENING (MM)	% PASSING (BY WGT)
3/8	9.500	85 - 100
40	0.420	25 - 75
60	0.240	0 - 30
100	0.149	0 - 10
200	0.074	0 - 5

TABLE 9-9 (MOUND FILL MATERIAL #2)		
SIEVE NO.	OPENING (MM)	% PASSING (BY WGT)
4	4.750	95 - 100
8	2.380	80 - 100
16	1.190	50 - 85
30	0.590	25 - 60
50	0.297	10 - 30
100	0.149	2 - 10

ASTM SPECIFICATION C-33, INTENDED FOR MANUFACTURED MATERIAL.

TABLE 9-10 (MOUND FILL MATERIAL #3)		
SIEVE NO.	OPENING (MM)	% PASSING (BY WGT)
3/8	9.500	85 - 100
40	0.420	30 - 50
200	0.074	0 - 5

THE FILL MATERIAL MUST MEET SPECIFICATIONS (1), (2), OR (3) ABOVE. INTERPOLATION OF ANALYSIS IS NOT PERMITTED.

CALL DIG SAFE
DIAL 811
PRIOR TO ANY EXCAVATION

TEST PIT LOG

DATE 4/24/18
METHOD EXCAVATOR (M. BURNETT)
PRESENT J. WILLIS, L.D.
J. WYMAN, VT DEC
K. DOWD

TP–1
0"–6": 10YR 3/2 (DARK GRAYISH BROWN) FSL, GR, VERY FRIABLE.
6"–24": 10YR 3/4 (DARK YELLOWISH BROWN) SL, GR, FRIABLE.
24"–54": 10YR 3/4 (DARK YELLOWISH BROWN) GRCS, SG, LOOSE, REDOX. FEATURES AT 36", GROUNDWATER AT 49".

SEASONAL HIGH WATER TABLE (SHWT) 36"
BEDROCK NONE TO DEPTH

TP–2
0"–6": 10YR 3/2 (DARK GRAYISH BROWN) FSL, GR, VERY FRIABLE.
6"–32": 10YR 3/4 (DARK YELLOWISH BROWN) SL, GR, FRIABLE.
32"–48": 10YR 3/4 (DARK YELLOWISH BROWN) GRCS, SG, FRIABLE (COMPACT), REDOX. FEATURES AT 36", GROUNDWATER AT 42".

SHWT 36"
BEDROCK NONE TO DEPTH

TP–3
0"–6": 10YR 3/2 (DARK GRAYISH BROWN) FSL, GR, VERY FRIABLE.
6"–30": 10YR 3/4 (DARK YELLOWISH BROWN) SL, GR, FRIABLE.
30"–54": 10YR 3/4 (DARK YELLOWISH BROWN) GRCS, SG, FRIABLE (COMPACT), REDOX. FEATURES AT 41", GROUNDWATER AT 48".

SHWT 41"
BEDROCK NONE TO DEPTH

TP–4
0"–4": 10YR 3/2 (DARK GRAYISH BROWN) FSL, GR, VERY FRIABLE.
4"–22": 10YR 3/4 (DARK YELLOWISH BROWN) SL, GR, FRIABLE.
22"–55": 10YR 3/4 (DARK YELLOWISH BROWN) GRCS, SG, FRIABLE (COMPACT), REDOX. FEATURES AT 36", GROUNDWATER AT 42".

SHWT 36"
BEDROCK NONE TO DEPTH

TP–5
0"–4": 10YR 3/2 (DARK GRAYISH BROWN) FSL, GR, VERY FRIABLE.
4"–32": 10YR 3/4 (DARK YELLOWISH BROWN) SL, GR, FRIABLE.
32"–55": 10YR 3/4 (DARK YELLOWISH BROWN) GRCS, SG, LOOSE.

SHWT NONE TO DEPTH
BEDROCK NONE TO DEPTH

LOT 1 & 2 SHARED WASTEWATER SYSTEM BASIS OF DESIGN

PROJECT

MOUND SYSTEM IS PROPOSED TO SERVE NEW 3 BR HOME ON LOT 2. SYSTEM IS ALSO SIZED TO ACCOMMODATE FUTURE CONNECTION FROM EXISTING 2 BR HOME ON LOT 1 (AS DESIGNATED REPLACEMENT AREA).

DESIGN FLOWS

3 BRx140 GPD/BR = 420 GPD.
2 BRx140 GPD/BR = 280 GPD.

TOTAL = 700 GPD.

APPLICATION RATE

USE 1.0 GDSF FOR A MOUND SYSTEM.
700 GPD÷1.0 GDSF = 700.0 SF REQUIRED AREA.

CONSTRUCT A 10.0'Wx70.0'L BED = 700.0 SF.

BASAL AREA

700÷0.74 GDSF = 945.9 SF = 13.5'Wx70.0'L.

LOT 1 NOTES

THE EXISTING WASTEWATER SYSTEM IS NOT CURRENTLY FAILED (NO EVIDENCE OF SURFACING OR REPORTED BACKUPS).

THIS DESIGN CONFIGURATION IS INTENDED TO PROVIDE A POTENTIAL COMPLYING (SHARED) REPLACEMENT SYSTEM. AN APPLICATION AND FEE MUST BE SUBMITTED TO THE STATE OF VERMONT WHEN A REPLACEMENT SYSTEM IS REQUIRED. THE APPLICATION SHALL INCLUDE ALL DESIGN DETAILS NECESSARY TO CONSTRUCT THE SYSTEM.

LOT 2 WATER SUPPLY CALCULATIONS

PROJECT

PROPOSED DRILLED WELL TO SERVE 3 BR SINGLE FAMILY HOME.

DESIGN FLOW

3 BRx140 GPD/BR = 420 GPD

DESIGN RATE

420 GPD/720 MIN. = 0.58 GPM

INSTANTANEOUS PEAK DEMAND

1 UNIT @5 GPM/UNIT = 5 GPM
WELL PUMP TO BE CAPABLE OF DISCHARGING 5 GPM @30–50 PSI.

NOTE

TABLE 11–5 & 11–6 WATER ANALYSIS TO BE COMPLETED PRIOR TO OCCUPANCY.

HEAD LOSS CALCULATIONS

REQUIRED GPM:		
(28) 1/4"ø ORIFICES = 1.17 GPM/ORIF. @2.5'	=	32.8 GPM
1/4"ø WEEP HOLE = 1.5 GPM	=	1.5
TOTAL	=	34.3 GPM
FRICTION LOSS:		
BASED UPON 390 FT EQUIVALENT LENGTH OF 2.5" FM	=	±6.5 FT
ELEVATION LOSS = 747.7 (AT FIELD) – ±728 (PUMP OFF)	=	±19.7
NETWORK LOSS = 1.31 X 2.5'	=	3.3
TOTAL LOSS	=	±29.5 FT

MOUND CONSTRUCTION SPECIFICATIONS

1. CONTACT THE DESIGNER PRIOR TO ANY CONSTRUCTION FOR AN ONSITE MEETING WITH THE CONTRACTOR TO STAKE–OUT THE MOUND SYSTEM AND TO DISCUSS CONSTRUCTION REQUIREMENTS. ALL ELEVATIONS OF FEATURES SUCH AS FLOOR, SEPTIC TANK AND PUMP STATION TO BE FIELD VERIFIED. CONTACT DESIGNER TO VERIFY PUMP SIZE IF ELEVATIONS DEVIATE FROM THOSE NOTED ON THE PLAN. REPORT ANY PROPOSED CHANGES IN THE LOCATIONS OF THE HOUSE, SUB–GRADE TANKS, DRIVEWAY, ETC.
2. THE CONTRACTOR SHALL SUBMIT A RECENT SIEVE ANALYSIS (<6 MONTHS) OF THE SAND FILL. GRAIN SIZE DISTRIBUTION SHALL COMPLY WITH EITHER SPECIFICATION (1, 2 OR 3) NOTED ON PLAN.
3. ABOVE GROUND VEGETATION SHALL BE CLOSELY CUT AND REMOVED FROM THE MOUND AREA AND 10 FEET FROM EDGE OF THE SYSTEM AS MEASURED FROM THE TOE(S). PRIOR TO PLOWING, THE PUMP DISCHARGE LINE FROM THE PUMP STATION TO THE DISTRIBUTION PIPING HEADER SHALL BE INSTALLED.
4. THE FORCE MAIN SHALL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH ENVIRONMENTAL PROTECTION RULES, SECTION A–04. THE MINIMUM TEST PRESSURE SHALL BE 50 PSI AT THE HIGHEST POINT IN THE LINE. CONTRACTOR TO FURNISH WATER AND EQUIPMENT TO PERFORM TEST AND NOTIFY DESIGNER 48 HOURS PRIOR TO TEST.
5. PLOW THE MOUND AREA TO A DEPTH OF 7" TO 8" PARALLEL TO THE LAND CONTOUR WITH THE PLOW THROWING THE SOIL UPSLOPE TO PROVIDE A PROPER INTERFACE BETWEEN THE FILL AND NATURAL SOIL. TREE STUMPS SHOULD NOT BE PULLED. PLOW WITH A MOLD–BOARD PLOW OR A CHISEL POINT ADAPTED TO A BACKHOE BUCKET (USED IN WOODED AREAS ONLY).
6. THE MOUND PERIMETER SHALL BE GRADED TO ENSURE DIVERSION OF SURFACE WATER RUN–OFF (DIVERSION DITCH OR SWALE AS SHOWN).
7. ONCE PLOWING IS COMPLETE, CONTACT THE DESIGNER FOR AN INSPECTION OF THE SITE PRIOR TO PLACEMENT OF FILL.
8. DUMP THE APPROVED SAND FILL AROUND THE EDGE OF THE PLOWED AREA WHILE KEEPING THE TRUCK WHEELS OFF THE PLOWED AREA. WHEEL TRACKS IN THE PLOWED AREA WILL LEAD TO COMPACTION AND RUTS, ADVERSELY AFFECTING THE OPERATION OF THE SYSTEM.
9. MOVE THE SAND AROUND INTO PLACE WHILE MAINTAINING AT LEAST 12" OF SAND UNDER THE EQUIPMENT TO MINIMIZE COMPACTION OF PLOWED LAYER. SHAPE THE SIDES TO THE REQUIRED SLOPES.
10. FORM THE TRENCH/BED BY MOVING ALONG ITS LENGTH. BOTTOM OF TRENCH/BED MUST BE LEVEL. HAND WORK WILL BE NECESSARY.
11. DUMP THE STONE IN THE TRENCH/BED BY MOVING UP THE SIDE SLOPE. LEVEL THE STONE TO REQUIRED ELEVATION.
12. CHANNEL STONE FOR LATERALS. LAY PIPE LEVEL WITH ORIFICES POINTING UPWARDS (WITHOUT ORIFICE SHIELDS INSTALLED UNTIL DISTRIBUTION TESTING IS COMPLETE).
13. CONTACT THE DESIGNER PRIOR TO BACKFILLING THE LATERALS TO TEST FOR COMPLETE AND EQUAL DISTRIBUTION. DISCHARGE RATES SHOULD NOT EXCEED 10% BETWEEN ORIFICES IN A SINGLE TRENCH/BED (OR PER SQUARE FOOT LOADING RATE IF STEPPED TRENCHES). TANKS AND FORCE MAIN SHALL NOT BE BACKFILLED UNTIL INSPECTED AS WELL.
14. FILL REMAINING 2" OF STONE OVER LATERALS AFTER TEST IS COMPLETE.
15. COVER ENTIRE TRENCH/BED WITH "MIRAFI 140–N" GEO–TEXTILE FILTER FABRIC (OR EQUAL).
16. PLACE A MINIMUM OF 4" OF TOPSOIL OVER 8" OF NATIVE SOIL OVER THE ENTIRE MOUND. CROWN 18" TOTAL IN CENTER AND SHAPE SURFACE AS SHOWN.
17. LANDSCAPE THE MOUND BY PLANTING GRASSES ON THE SURFACE. SHRUBS PLACED AT THE FOOT AND UP THE SLOPE ON THE SIDES AND ENDS ARE OPTIONAL. SHRUBS PLACED ON TOP OF THE MOUND MAY INTERFERE WITH THE DISTRIBUTION SYSTEM. UPON COMPLETION OF CONSTRUCTION, CONTACT THE DESIGNER.

OPERATION AND MAINTENANCE NOTES

1. THE DISPOSAL SYSTEM MAY REQUIRE ADJUSTMENTS OR MODIFICATIONS DURING STARTUP AS WELL AS DURING THE LIFETIME OF THE SYSTEM. THESE ADJUSTMENTS INCLUDE RE–LEVELING SUBSURFACE TANKS OR DISTRIBUTION BOXES DUE TO FROST ACTION OR SETTLEMENT. FILL MAY BE ADDED TO REPAIR EROSION OR LEVEL SETTLED AREAS.
2. IN GENERAL, SEPTIC TANKS MUST BE PUMPED EVERY 2 TO 3 YEARS (OR MORE FREQUENTLY DEPENDING UPON USAGE).
3. DOSING CHAMBERS, PUMP STATIONS AND DISTRIBUTION BOXES (AS APPLICABLE IN DESIGN) SHOULD BE OPENED WHENEVER THE SEPTIC TANK IS PUMPED AND SETTLED SOLIDS REMOVED AS NECESSARY.
4. PLUMBING AND ELECTRICAL COMPONENTS ASSOCIATED WITH PUMP STATIONS OR ADVANCED TREATMENT UNITS (AS APPLICABLE IN DESIGN) MUST BE CHECKED REGULARLY FOR OPERATION AND LEAKS.
5. TOXIC OR HAZARDOUS SUBSTANCES SHOULD NOT BE DISPOSED OF IN SEPTIC SYSTEMS. SUCH SUBSTANCES MAY PASS THROUGH THE SYSTEM IN AN UNALTERED STATE AND CONTAMINATE GROUNDWATER OR REMAIN IN THE SEPTAGE AND SUBSEQUENTLY CONTAMINATE THE SOIL OR CROPS AT THE SITE OF ULTIMATE DISPOSAL.
6. THE EFFLUENT FILTER IN THE SEPTIC TANK OUTLET BAFFLE SHOULD BE CLEANED (HOSED–OFF) EVERY 3–6 MONTHS OR MORE FREQUENTLY DEPENDING ON USAGE. THE EFFLUENT FILTER MUST BE CLEANED IF SEWAGE BEGINS TO DRAIN SLOWLY FROM THE HOUSE. THE SEPTIC TANK MAY REQUIRE PUMPING IF THE FILTER BECOMES PLUGGED.
7. IMPROPER MAINTENANCE OF THE PRETREATMENT UNIT (SEPTIC TANK) AND RELATED COMPONENTS MAY RESULT IN PLUGGING WITHIN THE DISTRIBUTION NETWORK. THE LIFE OF THE DISPOSAL SYSTEM CANNOT BE ESTIMATED DUE TO A VARIETY OF OPERATIONAL AND ENVIRONMENTAL FACTORS. INTRODUCTION OF MATERIAL OTHER THAN HUMAN WASTES (E.G. USE OF NON–BIODEGRADABLE DETERGENTS, CHEMICALS AND USE OF A GARBAGE DISPOSAL). EXCESSIVE SEWAGE FLOWS OR RAINFALL WILL ADVERSELY AFFECT THE OPERATION OF THE DISPOSAL SYSTEM. SOIL SETTLEMENT, FREEZING OF COMPONENTS AND CLOGGING DUE TO ORGANIC SOLIDS ACCUMULATION WILL REQUIRE REPAIRS.

- USE OF A GARBAGE DISPOSAL IS NOT PERMITTED WITHOUT INCREASING SEPTIC TANK CAPACITY.

9. THE OWNER ASSUMES FULL RESPONSIBILITY FOR THE CONTINUED PROPER USE AND MAINTENANCE OF THE SYSTEM.

STATE OF VERMONT
JUSTIN T. WILLIS
NO. 152.0125645
LICENSED DESIGNER

NO.	DATE	REVISION	BY

WILLIS DESIGN ASSOC., INC.
P.O. BOX 1001, JERICHO, VERMONT 05465 (802) 858-9228

DETAILS
2 LOT SUBDIVISION

CHERYL L. DOWD
BRIAN B. DOWD
HINESBURG ROAD
RICHMOND - VERMONT

DRAWN: JTW	SCALE: NOTED
DESIGN: JTW	
DATE: 10/3/20	SHEET: 2
PROJECT: 18-013	
DRAWING: 18013-1	

2021 WDA, INC.