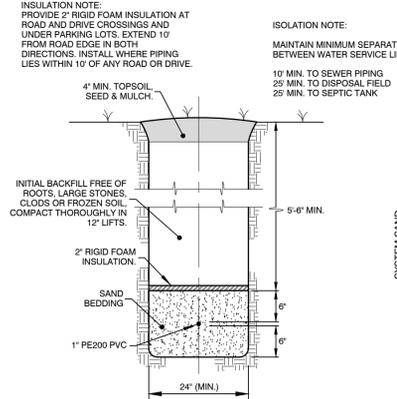


TYPICAL DRILLED WELL NTS

**LOT 2A 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.

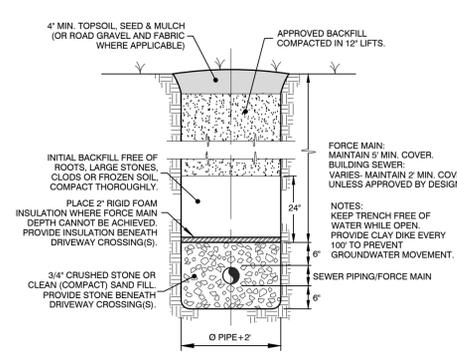
**LOT 2A WATER SYSTEM DEMAND (11.3)**  
 WELL TO SERVE NEW 5 BR HOME.  
**AVERAGE DAY DEMAND (11.3.0)**  
 (3 BRx140 GPD)+(2 BRx70 GPD) = 560 GPD  
**ADD TOTAL** = 560 GPD  
**MAXIMUM DAY DEMAND (11.3.1)**  
 MDD = 560 GPD/720 MIN. = 0.78 GPM  
**INSTANTANEOUS PEAK DEMAND (11.3.2)**  
 IPD: 1 UNIT @ 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/BASIN 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.) 10 FT (3)  
 BUILDINGS 100 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 STATED 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" PE OR APPROVED EQUAL. MAINTAIN 25' MIN. ISOLATION FROM WATER SERVICE TO DISPOSAL FIELD OR SEPTIC TANK AND 10' MIN. TO SEWER PIPING.



TYPICAL WATER SERVICE TRENCH NTS

**ISOLATION 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.  
 MAINTAIN MINIMUM SEPARATION BETWEEN WATER SERVICE LINE: 10' MIN. TO SEWER PIPING 25' MIN. TO DISPOSAL FIELD 25' MIN. TO SEPTIC TANK



TYPICAL SEWER TRENCH NTS

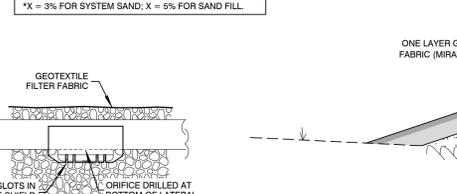
**§1-913(c) SAND FILL SPECIFICATIONS**

SIEVE NO.	OPENING (MM)	% PASSING (BY WGT)
4	4.750	95 - 100
8	2.380	80 - 100
16	1.190	50 - 85
30	0.600	25 - 60
50	0.297	10 - 30
100	0.149	0 - 10
200	0.075	0 - 5

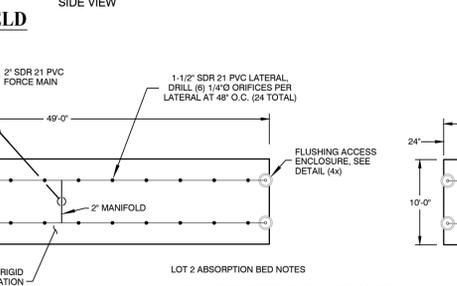
ASTM SPECIFICATION C-33, INTENDED FOR MANUFACTURED MATERIAL.  
 THE FILL MATERIAL MUST MEET SPECIFICATIONS (1), (2), OR (3) ABOVE. INTERPOLATION OF ANALYSIS IS NOT PERMITTED.  
 \*X = 3% FOR SYSTEM SAND; X = 5% FOR SAND FILL.



FLUSHING ENCLOSURE NTS

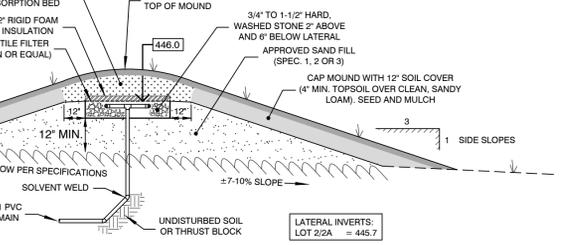


ORIFICE SHIELD NTS

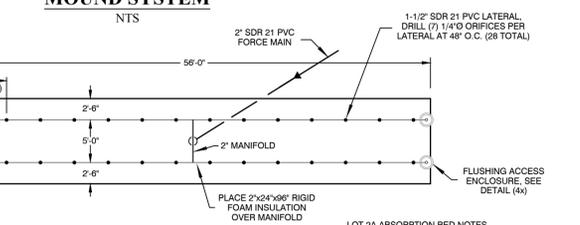


LOT 2 ABSORPTION BED NOTES

**LOT 2 PLAN MOUND SYSTEM**  
 1" = 10'  
 1. EXCAVATE BED BOTTOM LEVEL RAKE TO SCARIFY SURFACE.  
 2. PRIME AND SOLVENT WELD ALL CONNECTIONS.  
 3. ORIFICES SHALL POINT DOWNWARDS WITH A "SIMTECH" ORIFICE SHIELD (OR APPROVED EQUAL) COVERING EACH HOLE (24 TOTAL).  
 5. DISTRIBUTION: 10x49' = 490 SF, 490 SF/24 ORIFICES = 20.4 SF/ORIFICE.

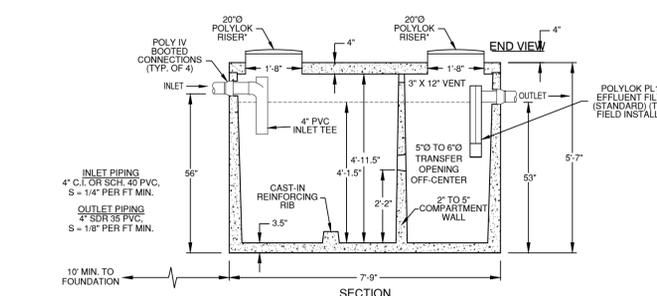


TYPICAL SECTION MOUND SYSTEM NTS



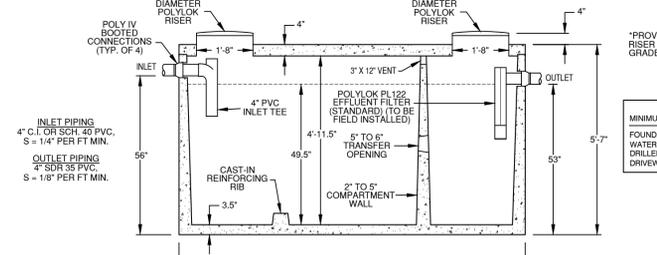
LOT 2A PLAN MOUND SYSTEM 1" = 10'

**LOT 2A ABSORPTION BED NOTES**  
 1. EXCAVATE BED BOTTOM LEVEL RAKE TO SCARIFY SURFACE.  
 2. PRIME AND SOLVENT WELD ALL CONNECTIONS.  
 3. ORIFICES SHALL POINT DOWNWARDS WITH A "SIMTECH" ORIFICE SHIELD (OR APPROVED EQUAL) COVERING EACH HOLE (28 TOTAL).  
 4. DISTRIBUTION: 56x10' = 560 SF, 560 SF/28 ORIFICES = 20.0 SF/ORIFICE.



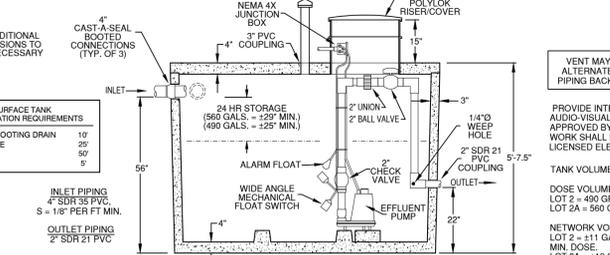
LOT 2 1,000 GALLON SEPTIC TANK

**LOT 2 1,000 GALLON SEPTIC TANK**  
 CAMP PRECAST #1000STL2CW NTS  
 SPECIFICATIONS:  
 • CONCRETE MINIMUM STRENGTH 5000PSI @ 28 DAYS  
 • STEEL REINFORCEMENT GRADE 60.  
 • 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.



LOT 2A 1,500 GALLON SEPTIC TANK

**LOT 2A 1,500 GALLON SEPTIC TANK**  
 CAMP PRECAST #1500STL2CW NTS  
 SPECIFICATIONS:  
 • CONCRETE MINIMUM STRENGTH 5000PSI @ 28 DAYS  
 • STEEL REINFORCEMENT GRADE 60.  
 • TOP SEAM CONSTRUCTION.  
 • WATER TIGHT TO TOP OF CONCRETE.  
 • BOOTED PIPE CONNECTIONS.  
 • EFFLUENT FILTER ALARM AVAILABLE.  
 • WEIGHTS SUBJECT TO VARIATION.



TYPICAL PUMP STATION

**TYPICAL PUMP STATION**  
 CAMP PRECAST #1000PS NTS  
 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.

**LOT 2 BASIS OF DESIGN (SYSTEM UPGRADE)**  
 PROJECT: EXISTING 2 BR HOME. 4 BR REPLACEMENT CAPACITY.  
 DESIGN FLOWS: (3 BRx140 GPD)+(1 BRx70 GPD) = 490 GPD.  
 DESIGN PERCOLATION RATE: 4.1 MPI (USE .40 MIN. RATE)  
 490 GPD+1.0 GDSF = 490.0 SF REQUIRED AREA.  
 CONSTRUCT MOUND WITH 10.0"Wx49.0'L ABSORPTION BED = 490.0 SF.  
 BASAL AREA: 490+0.74 GDSF = 662.2 SF = 13.5"Wx49.0'L.  
 NOTE: THE EXISTING WASTEWATER SYSTEM IS NOT CURRENTLY FAILED (NO EVIDENCE OF SURFACING OR REPORTED BACKUPS). THE NEW MOUND SYSTEM WILL BE CONSTRUCTED AS AN UPGRADE.

**LOT 2A WASTEWATER BASIS OF DESIGN**  
 PROJECT: PROPOSED 5 BR HOME.  
 DESIGN FLOWS: (3 BRx140 GPD)+(2 BRx70 GPD) = 560 GPD  
 DESIGN PERCOLATION RATE: 19.2 MPI (USE .40 MIN. RATE)  
 490 GPD+1.0 GDSF = 490.0 SF REQUIRED AREA.  
 CONSTRUCT MOUND WITH 10.0"Wx56.0'L ABSORPTION BED = 560.0 SF.  
 BASAL AREA: 560+0.74 GDSF = 756.8 SF = 13.5"Wx56.0'L.

**LOT 2 HEAD LOSS CALCULATIONS**  
 REQUIRED GPM: (24) 1/4" ORIFICES = 1.17 GPM/ORIF. @2.5" = 28.1 GPM  
 FRICTION LOSS: BASED UPON 100 FT EQUIVALENT LENGTH OF 2" FM = ±18.5 FT  
 ELEVATION LOSS: 445.7 (AT FIELD) - ±443 (PUMP OFF) = ±2.7  
 NETWORK LOSS: 1.31 X 2.5' = ±3.3  
 TOTAL LOSS = ±23.5 FT  
 CALCULATIONS ARE BASED ON ASSUMED BUILDING SEWER LOCATION/ELEVATION AND ARE SUBJECT TO CHANGE. CONTACT DESIGNER PRIOR TO CONSTRUCTION TO REVIEW PROPOSED TANK PLACEMENT.

**LOT 2A HEAD LOSS CALCULATIONS**  
 REQUIRED GPM: (28) 1/4" ORIFICES = 1.17 GPM/ORIF. @2.5" = 32.8 GPM  
 FRICTION LOSS: BASED UPON 350 FT EQUIVALENT LENGTH OF 2" FM = ±8.5 FT  
 ELEVATION LOSS: 445.7 (AT FIELD) - ±434 (PUMP OFF) = ±11.7  
 NETWORK LOSS: 1.31 X 2.5' = ±3.3  
 TOTAL LOSS = ±23.5 FT  
 CALCULATIONS ARE BASED ON ASSUMED HOUSE AND TANK PLACEMENT AND ARE SUBJECT TO CHANGE. CONTACT DESIGNER PRIOR TO CONSTRUCTION TO REVIEW PROPOSED HOUSE AND TANK PLACEMENT.

**TEST PIT LOG**  
 DATE: 10/13/15  
 METHOD: EXCAVATOR (J. PALIN)  
 PRESENT: J. WILLIS, L.D.  
 B. TREMBACK, FOR TOWN OF CHARLOTTE  
 G. BARLOW, OWNER

**TP201**  
 0'-10": 10YR 3/3 (DARK BROWN) FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 10'-20": 10YR 3/6 (DARK YELLOWISH-BROWN) LOAMY FINE SAND, FEW COBBLES, LOOSE TO VERY FRABLE, FEW ROOTS.  
 20'-36": 10YR 3/2 (VERY DARK GRAYISH-BROWN) VERY FINE SANDY LOAM, FIRM, REDOX. FEATURES (DEPLETED).  
 ESTIMATED SEASONAL HIGH WATER TABLE (ESHW) 29" BEDROCK NONE TO DEPTH

**TP202**  
 0'-6": 10YR 3/3 (DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 6'-32": 10YR 3/6 (DARK YELLOWISH-BROWN) FINE SANDY LOAM, VERY FRABLE, COMMON ROOTS.  
 32'-54": 2.5Y 4/4 (OLIVE-BROWN) VERY FINE SANDY LOAM, FIRM, FEW REDOX. FEATURES.  
 ESHWT 32" BEDROCK NONE TO DEPTH

**TP203**  
 0'-7": 10YR 3/3 (DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 7'-24": 10YR 3/6 (DARK YELLOWISH-BROWN) FINE SANDY LOAM, VERY FRABLE, COMMON ROOTS.  
 24'-42": 10YR 3/2 (VERY DARK GRAYISH-BROWN) VERY GRAVELLY FINE SANDY LOAM, FIRM, REDOX. FEATURES.  
 ESHWT 28" BEDROCK NONE TO DEPTH

**TP204**  
 0'-5": 10YR 3/3 (DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 5'-28": 10YR 3/6 (DARK YELLOWISH-BROWN) FINE SANDY LOAM, VERY FRABLE, COMMON ROOTS.  
 28'-44": 2.5Y 4/4 (OLIVE-BROWN) VERY FINE SANDY LOAM, FIRM, FEW REDOX. FEATURES.  
 ESHWT 28" BEDROCK NONE TO DEPTH

**TP205**  
 0'-4": 10YR 3/3 (DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 4'-24": 10YR 3/6 (DARK YELLOWISH-BROWN) FINE SANDY LOAM, LOOSE TO VERY FRABLE, COMMON ROOTS.  
 24'-48": 10YR 4/4 (DARK YELLOWISH-BROWN) FINE SAND WITH POCKETS OF FINE SANDY LOAM, FRABLE, FIRM IN POCKETS, FEW REDOX. FEATURES.  
 ESHWT 24" BEDROCK NONE TO DEPTH

**TP206**  
 0'-4": 10YR 2/2 (VERY DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 4'-16": 10YR 3/6 (DARK YELLOWISH-BROWN) VERY FINE SANDY LOAM, FRABLE, DAMP, FEW ROOTS.  
 16'-25": 2.5Y 4/4 (OLIVE-BROWN) SILT LOAM, FIRM, REDOX. FEATURES, FRACTURED SHALE AT DEPTH.  
 ESHWT 16" BEDROCK 25"

**TP207**  
 0'-4": 10YR 2/2 (VERY DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 4'-22": 10YR 4/6 (DARK YELLOWISH-BROWN) COBBLE FINE SANDY LOAM, FRABLE, COMMON ROOTS, FRACTURED SHALE AT DEPTH.  
 ESHWT NONE TO DEPTH BEDROCK 22"

**TP208**  
 0'-4": 10YR 2/2 (VERY DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 4'-16": 10YR 3/6 (DARK YELLOWISH-BROWN) SILT LOAM, FIRM, FEW ROOTS, FRACTURED SHALE AT DEPTH.  
 ESHWT NONE TO DEPTH BEDROCK 16"

**TP209**  
 0'-4": 10YR 2/2 (VERY DARK BROWN) VERY FINE SANDY LOAM, LOOSE, MANY ROOTS.  
 4'-16": 7.5YR 4/4 (DARK BROWN) SILT LOAM, FIRM, DAMP, FEW ROOTS, FRACTURED SHALE AT DEPTH.  
 ESHWT NONE TO DEPTH BEDROCK 16"

**PERCOLATION TEST RESULTS**  
 CONDUCTED 11/3/15.

NUMBER	DEPTH	DROP	RUNS	RATE (EXTRAPOLATED)
P1	16"	0.5"	7	4.1 MPI
P2	16"	0.5"	7	19.2 MPI

**SOIL DATA & PERCOLATION TESTS**  
 SOIL TESTING WAS CONDUCTED BY CIVIL ENGINEERING ASSOC., INC. ON 4/29/99. PERCOLATION TESTS WERE CONDUCTED BY CIVIL ENGINEERING ASSOC., INC. ON 6/4/99.  
 TEST PIT #24  
 0'-6" TOPSOIL  
 6'-26" STONY LOAM  
 26" SILTY LOAM  
 TEST PIT #25  
 0'-4" TOPSOIL  
 4'-38" SANDY LOAM  
 MOTTLED AT 17-18"  
 TEST PIT #26  
 0'-6" TOPSOIL  
 6'-40" SANDY LOAM  
 MOTTLED AT 26"  
 TEST PIT #27  
 0'-6" TOPSOIL  
 6'-24" STONY SANDY LOAM  
 MOTTLED AT 24"  
 TEST PIT #28  
 SHALE AT 18"  
 PERC #7 31 MPI  
 PERC #8 20 MPI

**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 PIPING SHALL 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. GRAN 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 FLOW 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 CHEESE 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 SNALE 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 TRENCH WHEELS OFF THE PLOWED AREA. WHEEL TRACKS IN THE PLOWED AREA WILL LEAD TO COMPACTION AND ROOTS, 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 PRESSURE 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). AT LEAST ONCE A YEAR, THE DEPTH OF SLUDGE AND SCUM IN THE SEPTIC TANK BE MEASURED. THE TANK SHOULD BE PUMPED IF:  
 (A) THE SLUDGE IS CLOSER THAN TWELVE INCHES TO THE OUTLET BAFFLE.  
 (B) THE SCUM LAYER IS CLOSER THAN THREE INCHES TO THE SEPTIC TANK BAFFLE.  
 (C) FOLLOWING SEPTIC TANK CLEANING IN UNITS OVER 5,000 GALLONS, SURFACES OF THE TANK SHOULD BE INSPECTED FOR LEAKS AND CRACKS).  
 3. AT LEAST ONCE A YEAR, DOSING TANKS AND DISTRIBUTION BOXES SHOULD BE OPENED AND SETTLED SOLIDS REMOVED AS NECESSARY AND THE DOSING TANK OR DISTRIBUTION BOX CHECKED FOR LEVELNESS.  
 4. PLUMBING AND ELECTRICAL COMPONENTS ASSOCIATED WITH PUMP STATIONS OR ADVANCED TREATMENT UNITS MUST BE CHECKED REGULARLY FOR OPERATION AND LEAKS.  
 5. TOXIC OR HAZARDOUS SUBSTANCES SHOULD IN GENERAL NOT BE DISPOSED OF IN SEPTIC SYSTEMS. THESE 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. FLOW ADJUSTMENT DIALS WITHIN DISTRIBUTION BOXES SHOULD BE CHECKED AND ADJUSTED AS NECESSARY TO ENSURE EQUAL FLOW TO EACH LATERAL. ADJUSTMENT MUST BE PERFORMED WITHIN ONE YEAR OF INSTALLATION AND WHENEVER THE SEPTIC TANK IS PUMPED. FAILURE TO DO SO MAY OVERLOAD AND CAUSE THE PREMATURE FAILURE OF AN ABSORPTION TRENCH OR BED SYSTEM.  
 7. 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.  
 8. 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 GARBEGE 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.  
 9. USE OF GARBEGE DISPOSALS IS PROHIBITED UNLESS SPECIFIED OTHERWISE. WATER SOFTENERS CAN ADVERSELY AFFECT THE OPERATION OF THE WASTEWATER DISPOSAL SYSTEM. CONNECTION TO THE DISPOSAL SYSTEM IS NOT RECOMMENDED AND MAY VOID THE WARRANTY OF CERTAIN ADVANCED TREATMENT UNITS.  
 10. THE OWNER ASSUMES FULL RESPONSIBILITY FOR THE CONTINUED PROPER USE AND MAINTENANCE OF THE SYSTEM.

**LOT 2A DETAILS WASTEWATER SYSTEM & WATER SUPPLY**  
 GILL C. BARLOW  
 4100 & 4190 MOUNT PHLO ROAD  
 CHARLOTTE - VERMONT

**LOT 2A DETAILS WASTEWATER SYSTEM & WATER SUPPLY**  
 GILL C. BARLOW  
 4100 & 4190 MOUNT PHLO ROAD  
 CHARLOTTE - VERMONT

NO.	DATE	REVISION	BY

DRAWN: JTW  
 DESIGN: JTW  
 DATE: 4/16/18  
 PROJECT: 14-042  
 DRAWING: 14062-1



**CALL DIG SAFE**  
 PRIOR TO ANY EXCAVATION  
 DIAL '811' (OR 1-888-DIG-SAFE)