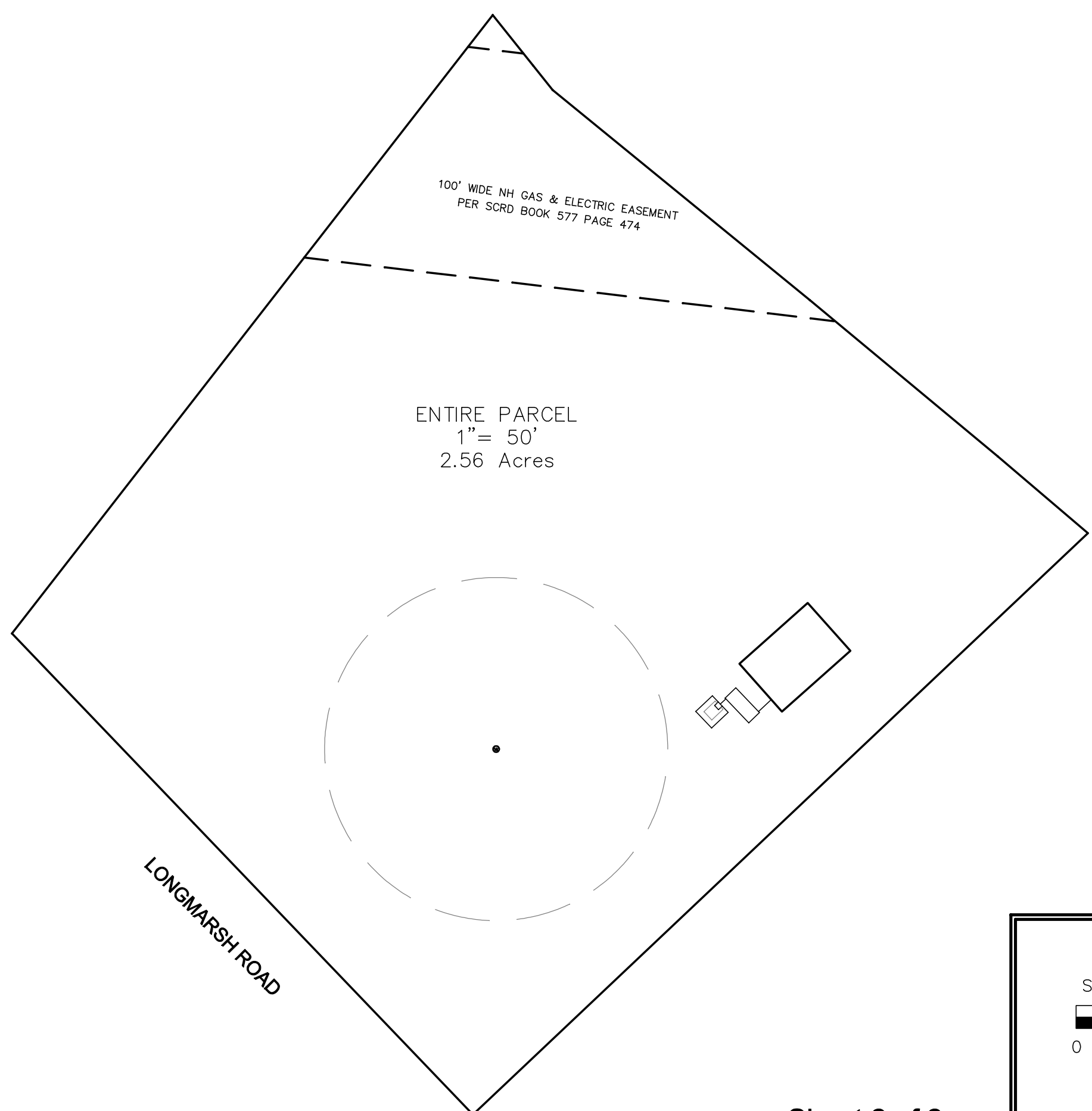


Septic/BioCon/Settling Tank
 2,550 GAL 3-Compartment Tank
 (15'0"L x 6'6"W x 6'1"H)

WASTEWATER ALTERNATIVES INC. DESIGN NOTES

1. SUBSURFACE DISPOSAL SYSTEM IS BASED ON THE CLEAN SOLUTIONSM MANUFACTURED BY WASTEWATER ALTERNATIVES, INC. CONCORD, NH.
2. THE CLEAN SOLUTION SYSTEMSM IS SUPPLIED BY WASTEWATER ALTERNATIVES, INC (WAI), 1-866-900-2415.
3. THIS SUBSURFACE DISPOSAL SYSTEM HAS BEEN DESIGNED UNDER NHDES Env-Ws 1024 INNOVATIVE / ALTERNATIVE TECHNOLOGY RULES APPROVED AT THE TIME OF THIS DESIGN.
4. THE MINIMUM SIZE DISPERSAL FIELD FOR A 4-BEDROOM SINGLE FAMILY RESIDENCE WITH A 2 BEDROOM APARTMENT IS 200 SQUARE FEET. RECOMMENDED FIELD DIMENSIONS ARE 10' x 20'. DISPERSAL AREA IS ACTUAL FOOTPRINT WITHIN 5 FOOT FILL EXTENSIONS.
5. THE CLEAN SOLUTION PROVIDED BY WAI TO INCLUDE:
 - A.) BIOCON AND SETTLING TANKS. TANKS STANDARD DUTY (COVER LESS THAN 3'). CALL WAI FOR PRICE IF HEAVY DUTY OR H-20 COMPONENTS ARE REQUIRED. IF COVER EXCEEDS 3' OVER TOP OF TANK NOTIFY WAI.
 - B.) AIR COMPRESSORS.
 - C.) MEDIA.
 - D.) PLASTIC RISERS AND COVERS. MAXIMUM HEIGHT PROVIDED BY WAI IS 24". FOR DEPTHS GREATER THAN 24", INSTALLER TO SUPPLY ADDITIONAL RISERS.
 - E.) WAI AND THEIR REPRESENTATIVES SHALL PERFORM ALL INTERNAL PIPING IN THE BIOCON TANK AND SYSTEM STARTUP.
6. INSTALLER SHALL FOLLOW THE CURRENT EDITION OF THE MANUFACTURERS GUIDELINES TO PREPARE SITE FOR INSTALLATION OF THE CLEAN SOLUTION SYSTEM AND SHALL PROVIDE THE FOLLOWING:
 - A.) CONTRACTOR SHALL FOLLOW APPROVED DESIGN PLANS AND NHDES SUBSURFACE SYSTEM RULES.
 - B.) CONTRACTOR TO SUPPLY NECESSARY SEPTIC TANKS AND GREASE TRAPS AS REQUIRED BY DESIGNER.
 - C.) EXCAVATION OF ALL TANKS INCLUDING TANKS SUPPLIED BY WAI TO GRADES ESTABLISHED BY DESIGNER.
 - D.) SETTING AND LEVELING OF ALL TANKS INCLUDING TANKS SUPPLIED BY WAI.
 - E.) SERVICE CONNECTIONS FROM BUILDING TO SEPTIC TANK(S), SEPTIC TANK(S) TO BIOCON TANK(S), BIOCON TANK(S) TO SETTLING TANK(S), SETTLING TANK(S) TO DISPERSAL FIELD(S).
 - F.) CONTRACTOR SHALL EXCAVATE FOR ALL AIR CONDUIT LINES FROM COMPRESSOR HOUSING TO BIOCON TANK(S).
 - G.) CONTRACTOR TO WATER PLUG ALL TANK PENETRATIONS TO PREVENT GROUNDWATER LEAKS.
 - H.) CONTRACTOR TO WATER PLUG ALL INLET AND OUTLETS NOT USED.
 - I.) CONTRACTOR SHALL SET ALL RISERS TO GRADES ESTABLISHED BY DESIGNER. CONTRACTOR TO INSTALL ACCESS STACKS PER THE MANUFACTURERS INSTALLATION GUIDELINES. CONTRACTOR TO ENSURE THAT RUBBER GASKET O-RING IS IN PLACE PRIOR TO SECURING SECTIONS. ALL SCREW HOLES TO BE USED TO SECURE SECTIONS TO EACH OTHER.
 - J.) CONTRACTOR TO BUILD / MODIFY DISPERSAL FIELD AS REQUIRED BY DESIGNER.
 - K.) CONTRACTOR SHALL CALL NHDES AND LOCAL BOARD (IF REQUIRED) FOR SYSTEM INSPECTION.
 - L.) CONTRACTOR TO PROVIDE OWNER WITH TIES FROM TWO FIXED POINTS TO ACCESS COVERS.
 - M.) CONTRACTOR SHALL BACKFILL SYSTEM AFTER APPROVAL FOR OPERATION BY NHDES.
7. THE OWNER/CONTRACTOR SHALL PROVIDE THE FOLLOWING:
 - A.) OWNER/CONTRACTOR SHALL SUPPLY NECESSARY OUTLETS CAPABLE OF 1 AMP - 115 VOLTS FOR EACH COMPRESSOR THE CIRCUIT PROVIDED SHALL NOT BE GFI PROTECTED.
 - B.) COMPRESSOR HOUSING TO BE SUPPLIED BY OWNER / CONTRACTOR.
 - C.) COMPRESSOR(S) LOCATION TO BE MUTUALLY DETERMINED BY OWNER / REPRESENTATIVE AND WAI.
 - D.) MAXIMUM DISTANCE FROM COMPRESSOR(S) TO BIOCON TANK IS 50'. FOR DISTANCES GREATER THAN 50' CONTACT WAI.
8. REQUIRED MAINTENANCE BY OWNER:
 - A.) SIGN SYSTEM MAINTENANCE AGREEMENT FOR THE CLEAN SOLUTION SYSTEM.
 - B.) SEPTIC TANK(S) AND SETTLING TANK(S) TO BE PUMPED OUT EVERY 2 YEARS.
 - C.) BIOCON TANK(S) TO BE INSPECTED EVERY 2 YEARS BY APPROVED WAI TECHNICIAN.
 - D.) OWNER SHALL KEEP ALL PUMPING RECORDS.
 - E.) FAILURE TO COMPLY WITH ??- ??ABOVE WILL VOID WARRANTY OF THE CLEAN SOLUTION SYSTEM AND WAI.

SOIL COVER & REQUIRED TANK RATING
 STANDARD DUTY TANK: 0'-2' MAX.
 HEAVY DUTY TANK: 2'-4.9' MAX.
 H-20 LOAD TANK: 5' OR GREATER



Sheet 2 of 2

SCALE: 1 inch = 20 feet
 0 10 20 40
 JANUARY 4, 2011
 CAD FILE: 10108-Septic

NEW HAMPSHIRE
 Designer
 of
 Subsurface Disposal
 Systems

 Adam R. Fogg
 No. 13777
 W. Va. Supply & Pollution Control

ATLANTIC
 SURVEY COMPANY

149 Mill Road, Durham, New Hampshire 03824

PREPARED BY:
 SURVEYORS
 ENGINEERS
 PLANNERS

603-659-8939

Model 250ST-R4 CLEAN SOLUTION

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