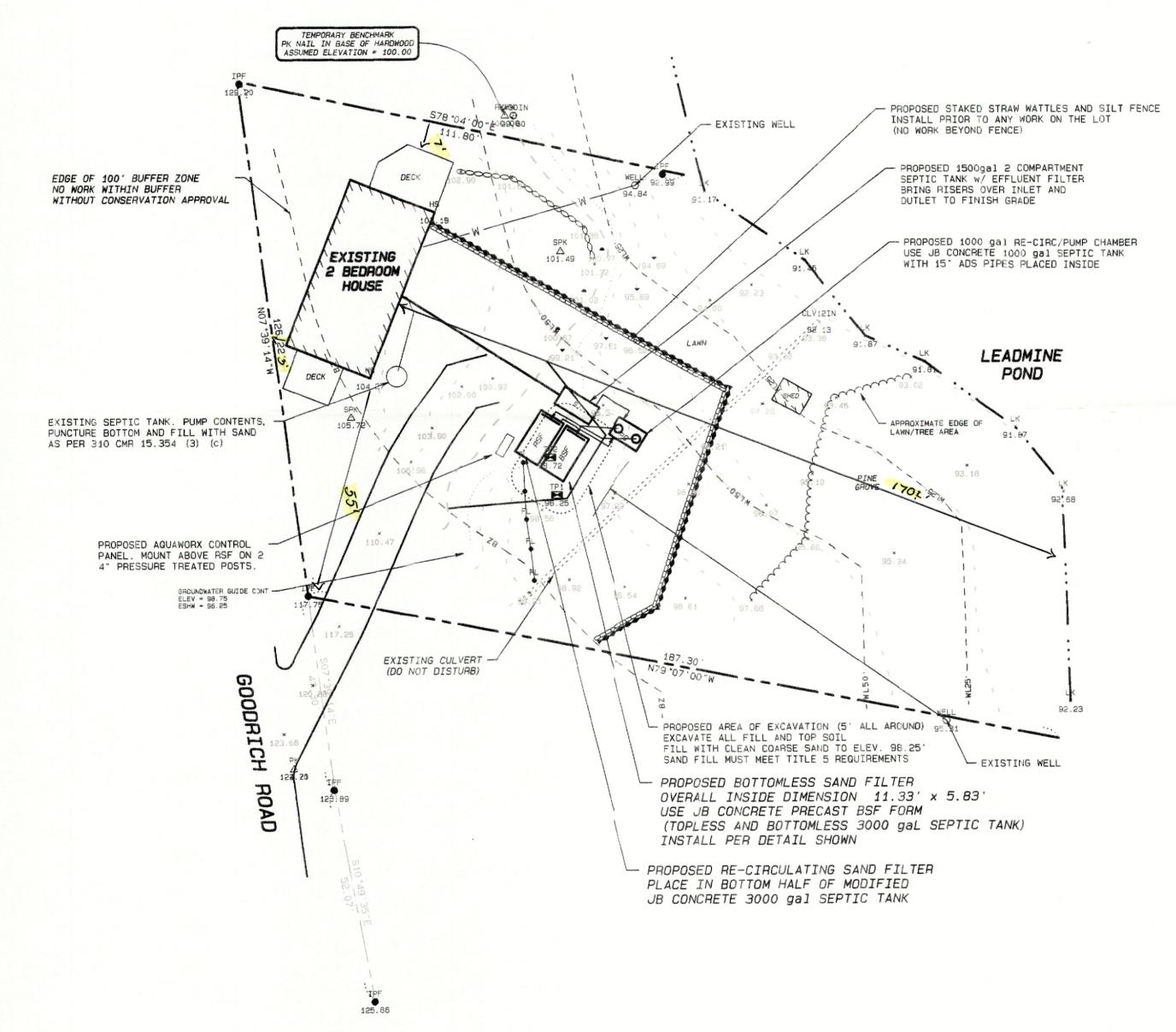
THIS SYSTEM UTILIZES A RECIRCULATING SAND FILTER (RSF) AND A BOTTOMLESS SAND FILTER (BSF).

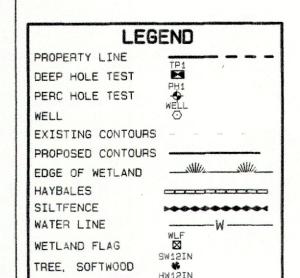
THE BSF DESIGN IS BASED ON THE MA DEP BSF APPROVAL LETTER AND THE RHODE ISLAND DESIGN STANDARDS.

THE RSF DESIGN IS BASED ON THE MA DEP RSF GUIDANCE DOCUMENT.

THE USE OF THIS SYSTEM EXCEEDS THE ENVIRONMENTAL PROTECTION OFFERED BY A CONVENTIONAL TITLE 5 SYSTEM.

THIS SYSTEM REQUIRES AN OPERATION AND MAINTENANCE CONTRACT FOR BOTH THE RSF SYSTEM AND THE BOTTOMLESS SAND FILTER LEACH FIELD. BOTH SYSTEMS NEED TO BE MAINTAINED FOR THE LIFE OF THE SYSTEM TO INSURE PROPER OPERATION.





TREE, HARDWOOD

GRAPHIC SCALE 1"=20"

0 10 20 30 40

THIS SYSTEM REQUIRES THE FOLLOWING LOCAL UPGRADE APPROVALS TO TITLE 5 AND/OR LOCAL REGULATIONS:

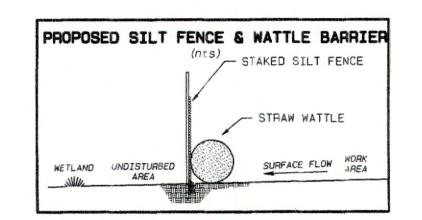
1. VARIANCE TO 310 CNR 15.211 (1) THE PROPOSED SAS DOES NOT MEET THE REQUIRED SETBACK FROM A WELL. 100 FEET REQUIRED, 55 FEET PROVIDED. (n/f OWNER) 2. VARIANCE TO 310 CNR 15.240 (5) THE PROPOSED SAS IS DESIGNED FOR A 2 BEDROOM HOUSE. A DEED RESTRICTION LIMITING USE TO TWO BEDROOMS IS REQUIRED.

PROXIMITY NOTE:

THERE ARE NO PWS OR SEMI PWS SYSTEMS WITHIN 400 FEET OF THE PROPOSED LEACH FIELD THIS AREA IS NOT IN A NITROGEN SENSITIVE AREA AS MAPPED BY MASS GIS

NOTE:

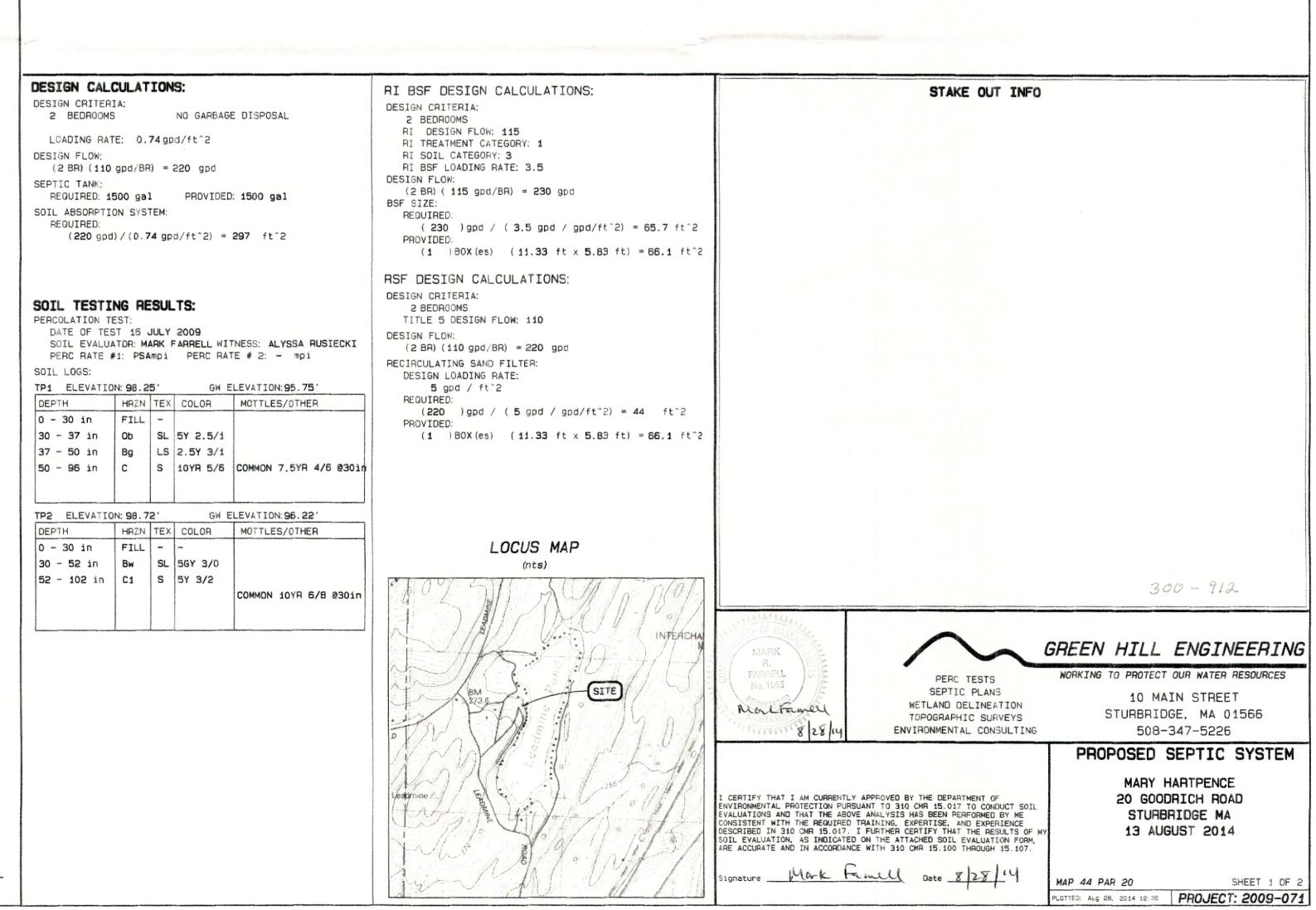
MAGNETIC MARKER TAPE SHALL BE PLACED ON ALL SYSTEM COMPONENTS PRIOR TO BACK FILLING



WETLAND PROTECTION PLANS:

1) STAKED STRAW WATTLES AND SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLAN. THEY SHALL BE INSPECTED BY THE LOCAL CONSERVATION COMMISSION, IF REQUIRED, BEFORE CONSTRUCTION 2) WITHIN THE 100ft BUFFER ZONE ALL DISTURBING OF SOIL SHALL BE MINIMIZED. 3) ALL DISTURBED AREAS SHALL BE LOAMED. SEEDED AND MULCHED AS SOON A POSSIBLE. 4) NO WORK OR STORAGE OF MATERIAL SHALL BE DOWN HILL OF THE STRAW WATTLES OR SILT FENCE. 5) ANY DE-WATERING OF EXCAVATIONS. DRILLING OR DIGGING OF WELLS SHALL BE DONE IN A MANNER TO PREVENT SILTY WATER FROM RUNNING INTO THE WETLAND AND/OR THE LAKE. 6) ALL NECESSARY PERMITS SHALL BE OBTAINED BEFORE WORK COMMENCES. 7) OWNER AND CONTRACTOR SHALL ADHERE TO ANY ORDERS ISSUED BY THE LOCAL CONSERVATION COMMISSION.

CONSERVATION COMMISSION SHALL BE NOTIFIED AFTER EROSION CONTROL IS PUT IN PLACE AND PRIOR TO CONSTRUCTION



WETLAND PROTECTION MEASURES