

Scale: 1" = 40'

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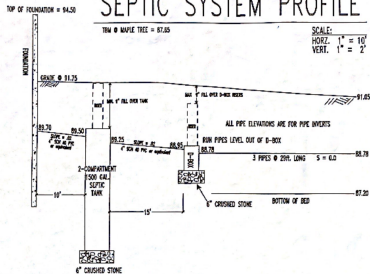
WELL NOTES:

- 1) THERE ARE NO OTHER POTENTIAL SOURCES OF POLLUTION OBSERVED WITHIN 200 FEET OF THE PROPOSED WELL.
- 2) THERE ARE NO WASTE SITES OBSERVED WITHIN 500 FEET OF THE PROPOSED WELL.
- 3) THE WELL IS NOT LOCATED IN THE 100 YEAR FLOOD ZONE.
- 4) ALL LOAM, SUBSOIL AND TREES WILL BE REMOVED WITHIN 5 FEET OF THE SEPTIC SYSTEM AND THE AREA OF FRIL.
- 5) THERE ARE NO SUBSURFACE FUEL STORAGE TANKS OBSERVED WITHIN 200 FEET OF THE PROPOSED WELL.

ALL SOIL ASSASSINATION SYSTEMS SHALL HAVE A MINIMUM OF ONE INSPECTION POINT CONSISTING OF A PERFORATED FOUR INCH PIPE PLACED VERTICALLY DOWN INTO THE STONE TO THE IMMEDIATELY OCCUPYING SOIL OF SAND FILL BELOW THE STONE. THE PIPE SHALL BE CAPPED

[illegible]

SCALE:
HORIZ. 1" = 10'
VERT. 1" = 2'



SITUATION:

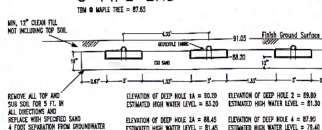
NEW CONSTRUCTION OF SAS AT LOTS 525 AND 287, KING RICHARDS DRIVE.
3 BEDROOM DWELLING, NO GARAGE GRINDER.
PERC RATE AT HOLE A OF 20 MINUTES PER INCH. DOL = 48" TO BOTTOM
PERC TEST DATES: 04/05/96, 06/23/91
BOARD OF HEALTH WITNESS: WILLIAM FULLER
SOIL EVALUATOR: PETER FRANZ, P.E., NEEL JACKSON, CERTIFIED MAP. 1996
2 BEDROOMS @ 110 GAL. TOTAL = 330 GAL.
RED AREA (TABLE 4) = 374 FT² (243 MODULES)
ESTIMATED AVERAGE DAILY FLOW BASED ON 1995 TITLE 5 REGULATIONS
LEACHING SYSTEM IS TO CONSIST OF A 13 FT. X 20 FT. LEACHING BED, WITH 3
DISTRIBUTION LINES, WITH A MINIMUM OF 12 INCHES OF C33 SAND THROUGHOUT BED

DESIGN CALCULATIONS:

SOIL CLASS II -- 20 MIN./IN
BOTTOM AREA: LENGTH = 7 MODULES X 4 FT/MODULES + 1 FT = 29 FT
WIDTH = 374 FT² / 29 FT = 13 FT
CENTER TO CENTER SPACING OF MODULES: (13 FT WIDE/ 3 ROWS = 4.33 FT
CENTER TO EDGE OF BED = 1/2 CENTER TO CENTER SPACING = 2.17 FT
TOTAL = 13 FT X 29 FT = 377 FT² DESIGN
377 FT² DESIGN > 330 FT² REQUIRED
RESERVE AREA: (.53) 20 FT X 35 FT BED = 371 GPD

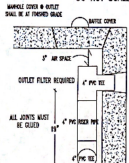
@ PIPE END

DO NOT SCALE



GAS BAFFLE DETAIL

DO NOT SCALE



SEE ATTACHED SOIL LOG

SYSTEM TO BE CONSTRUCTED IN COMPLIANCE WITH 310 CMR 15.000

MAGGI

Lots 285 & 287, King Richards Dr
Becket, MA

SCALE: 1/8" = 1'-0"

DRAWING NUMBER:

DESIGNED BY:

DATE: 20 JUL 21

Maggie-King Richards.dwg

DRAWN BY:

APPROVED BY:
