

CROSS SECTION OF DISPOSAL AREA
(Not To Scale)

DESIGN INTENT
BED BOTTOM NO LOWER THAN 12" BELOW ORIGINAL GRADE OF 96.00 ON HIGH SIDE. BED BOTTOM=95.00

DESIGN CRITERIA
3- BED ROOM HOUSE @450 CPD@2 MIN. PERC. = 5605F.
DESIGN: 20' X 28' (BUTTERFLIED) = 5605F.
1-1250 GALLON PLASTIC OR CONCRETE SEPTIC TANK
10- K.O. DISTRIBUTION BOX
FOUNDATION DRAINS: NONE
REPLACEMENT AREA: SAME AS ORIGINAL
NO GARBAGE DISPOSAL OR WATER SOFTENER.
LOT LOADING: EXISTING-PRE-67
WAIVERS REQUESTED: NONE

NOTE:
NO SEASONAL WATER OR STREAMS WITHIN 75 FT. OF EDA OR 75 FT. OF SEPTIC TANK.
NO VERY POORLY DRAINED OR POORLY DRAINED SOILS WITHIN 75 FT. OF EDA OR 50' OF SEPTIC TANK.
THIS PLAN FOR SEPTIC ONLY. NOT A BOUNDARY SURVEY. LOT CORNERS & PROPERTY LINES SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.
DESIGNER ASSUMES NO RESPONSIBILITY FOR PROPERTY CORNERS. PLAN DEPICTS CORNERS AS FOUND @ SITE BY TOPO SURVEY.

All Materials Shall Meet Requirements of Env-Wq 1021.05 from N.H.D.E.S. "SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES"

-- REMOVE TOPSOIL
-- SCARIFY BED BOTTOM BEFORE PLACING STONE
-- FILL MATERIAL: 0.25 TO 2.0 MM EFF. SIZE CLEAN SAND (PER D.E.S. SPECS)
-- USE HYDRAULIC CEMENT AS SEALANT

SOIL TYPE MAPPED: ACTION
SOIL TYPE FOUND: ACTION

TEST PIT DATA

DATE: 07-22-20 LOGGED BY: D. CLIFF
APPROX. ELEV. 96.5±

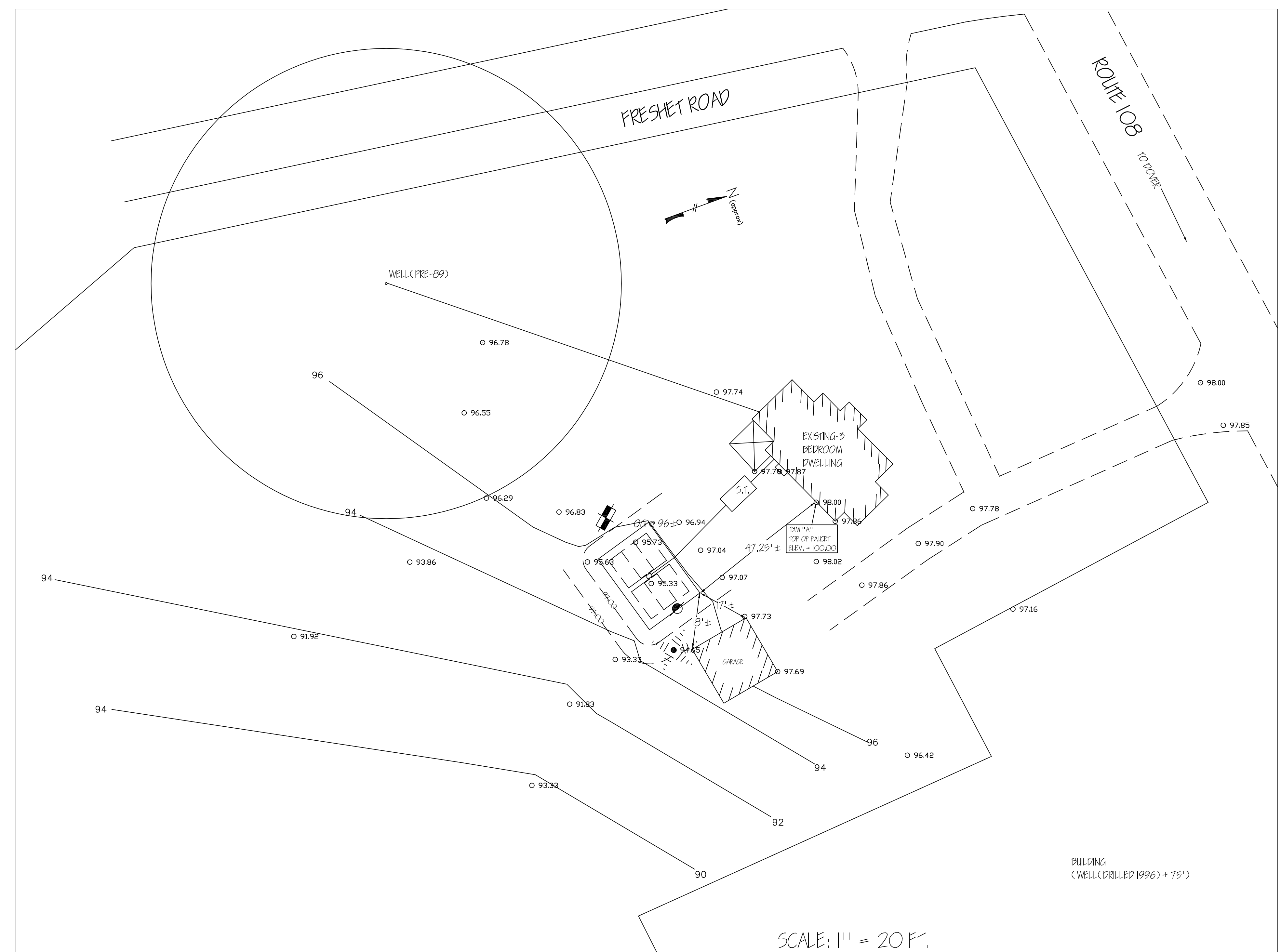
0"
6"
15"
36"
40"
66"±

10YR 3 / 2 DK BR FSL
10YR 5 / 4 YEL BR FLS
10YR 5 / 6 LT YEL BR FS
2.5Y 5 / 2 LT OLIVE BR SILT LOAM
10YR 4 / 2 PALE YEL BR FSL

SHWT: 36"± (PERCHED)
CBS H2O: NONE
REFUSAL: NONE
ROOTS TO: 28±

PERC. TEST

DATE: 7-25-20
RESULTS: 2 MIN. FOR 1 INCH @ 20"±



NOTE:
Wetlands Have Been delineated in accordance with Env-Wq 1014.06 By This Designer.

NO KNOWN CEMETARIES WITHIN 100' OF SYSTEM.



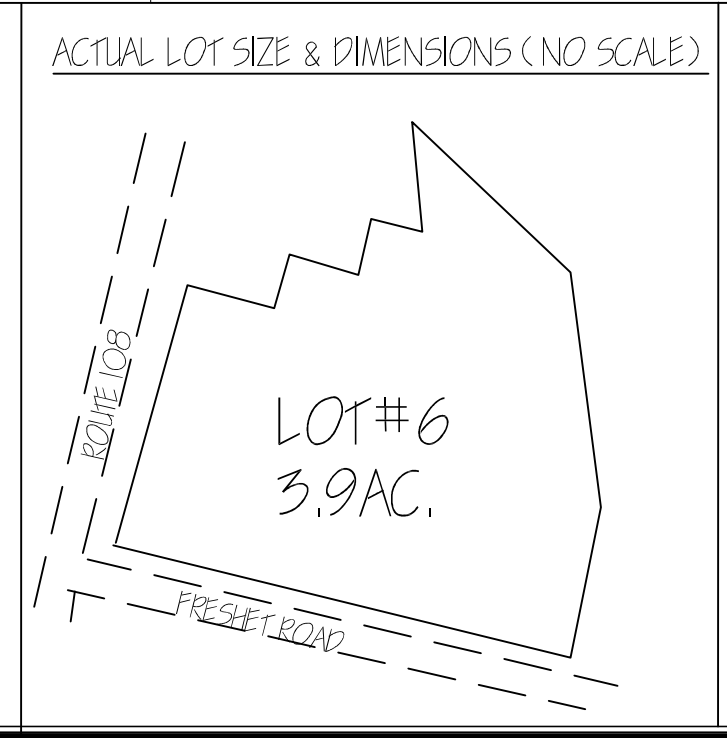
LOT IS LOCATED AT 320 ROUTE 108 MADBURY, N.H.

TAX MAP #10 LOT #6

DES APPROVAL #

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES WATER DIVISION

Date: 7/30/2020
#eCA2020073009



LEGEND

- EXISTING CONTOUR
- FINISH CONTOUR
- SOFTWOOD TREE
- HARDWOOD TREE
- T.B.M. - TEMPORARY BENCH MARK (ASSUMED GRADE UNLESS NOTED)
- WATER COURSE
- STONE WALL
- S.T.-P.T.-S.L. - SEPTIC TANK-PUMP TANK-SEWERLINE

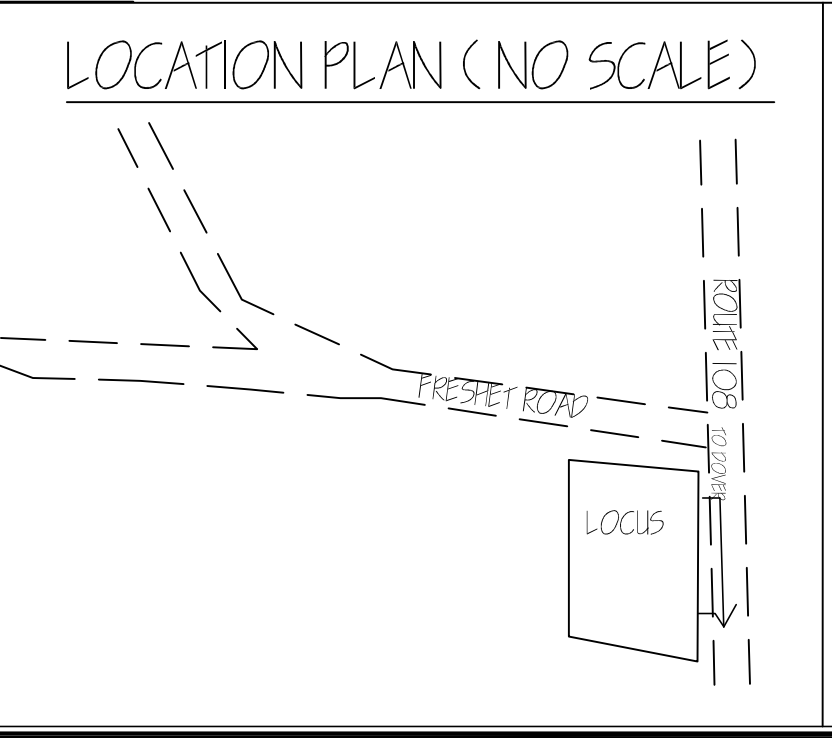
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N.H. D.E.S. SUBDIVISION APPROVAL NO: PRE-1967

LOCAL ZONING SETBACK REQUIREMENTS:

FRONT: ALL EXISTING
SIDELINE:
BACKLINE:



TOWN APPROVAL: (NA-FAILED)

TAKE ROUTE 108 TO MADBURY-DURHAM LINE. LOT IS AT CORNER FRESHET RD AND 108 ON SOUTH SIDE HW.

SUBSURFACE SEWAGE DISPOSAL PLAN

TOWN: MADBURY
OWNER: TODD ROBERTSON
84 HILL SIDE DRIVE
NEWINGTON, N.H. 03840

SCALE: 1" = 20'
07-28-20

(EXCEPT AS NOTED)

* DEVIATION FROM PLAN REQUIRES REVIEW BY DESIGNER