

**SUBSURFACE
SEWAGE
DISPOSAL
SYSTEM UPGRADE**

15 LANTERN LANE
BOXFORD, MA

REGISTRY INFORMATION:

DEED:
BOOK NO.: 33419
PAGE NO.: 165

ASSESSORS INFORMATION:

MAP: 28
BLOCK: 02
LOT: 06

PREPARED FOR:

**EDWARD F. SULLIVAN
15 LANTERN LANE
BOXFORD, MA**



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DATE:	NOVEMBER 24, 2014
DESIGN BY:	JBS
DRAWN BY:	JBS
# BY DATE REVISIONS TO PLANS	
1 JBS 1/14/15 CONS. COMM. FILING	

▲ BENCHMARKS: ASSUMED DATUM	ELEV.
#1 NAIL SET IN TREE	112.47
#2 FRONT DOOR THRESHOLD	115.13
#3	

SOILS INFORMATION:

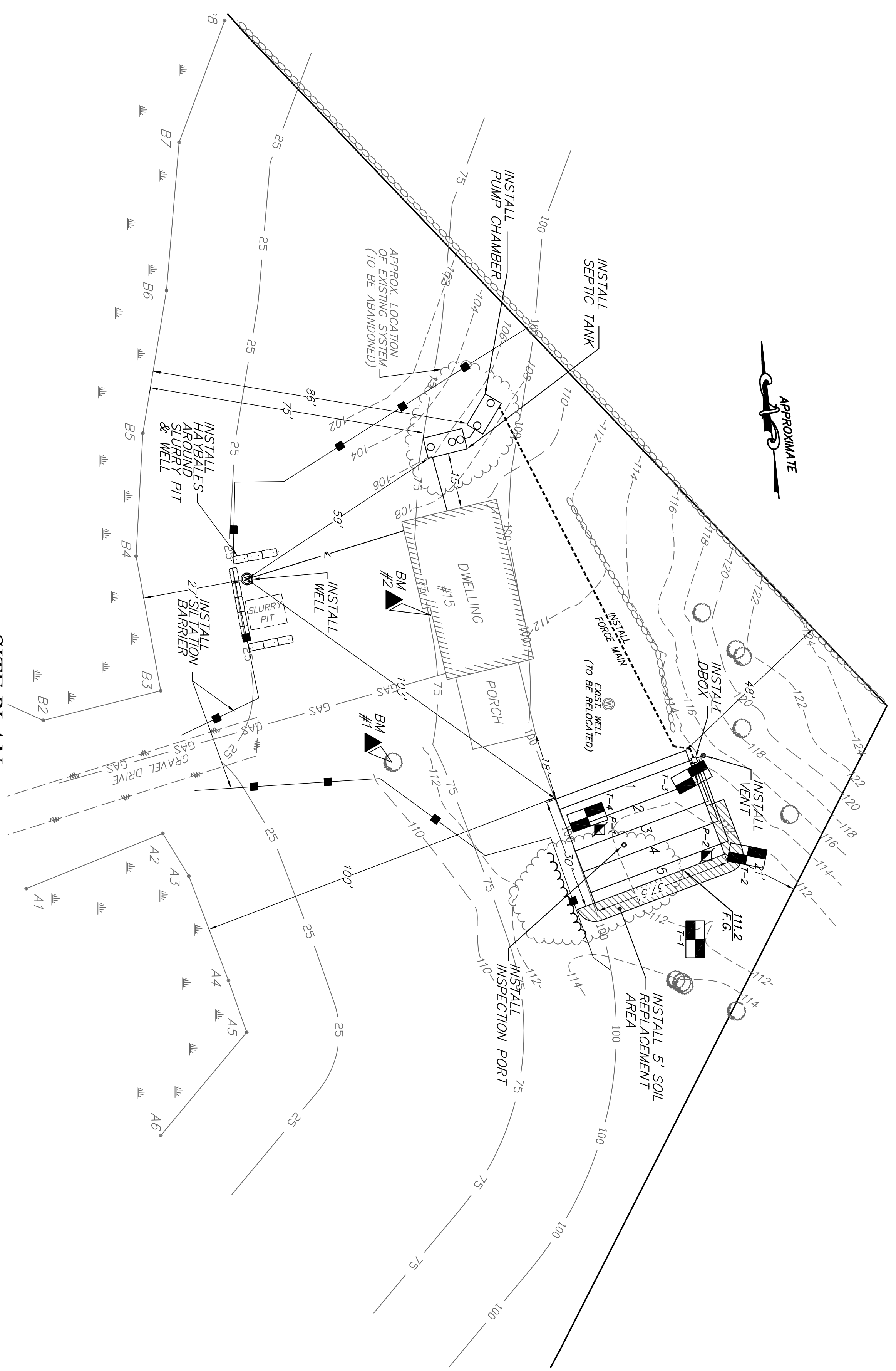
SOIL EVALUATOR: JAMES SCANLAN, P.E.
(SEP2159 - APRIL 1995)
TOWN WITNESS: KENDELL LONGO
DATE: OCTOBER 20, 2014

I CERTIFY THAT I AM CURRENTLY APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO 310CMR.017 TO CONDUCT SOIL EVALUATIONS AND THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME OR UNDER MY SUPERVISION. THE RESULTS OF MY SOIL EVALUATION, AS INDICATED IN THE ATTACHED SOIL EVALUATION FORM, ARE ACCURATE AND IN ACCORDANCE WITH 310CMR 15.100 THROUGH 15.107.

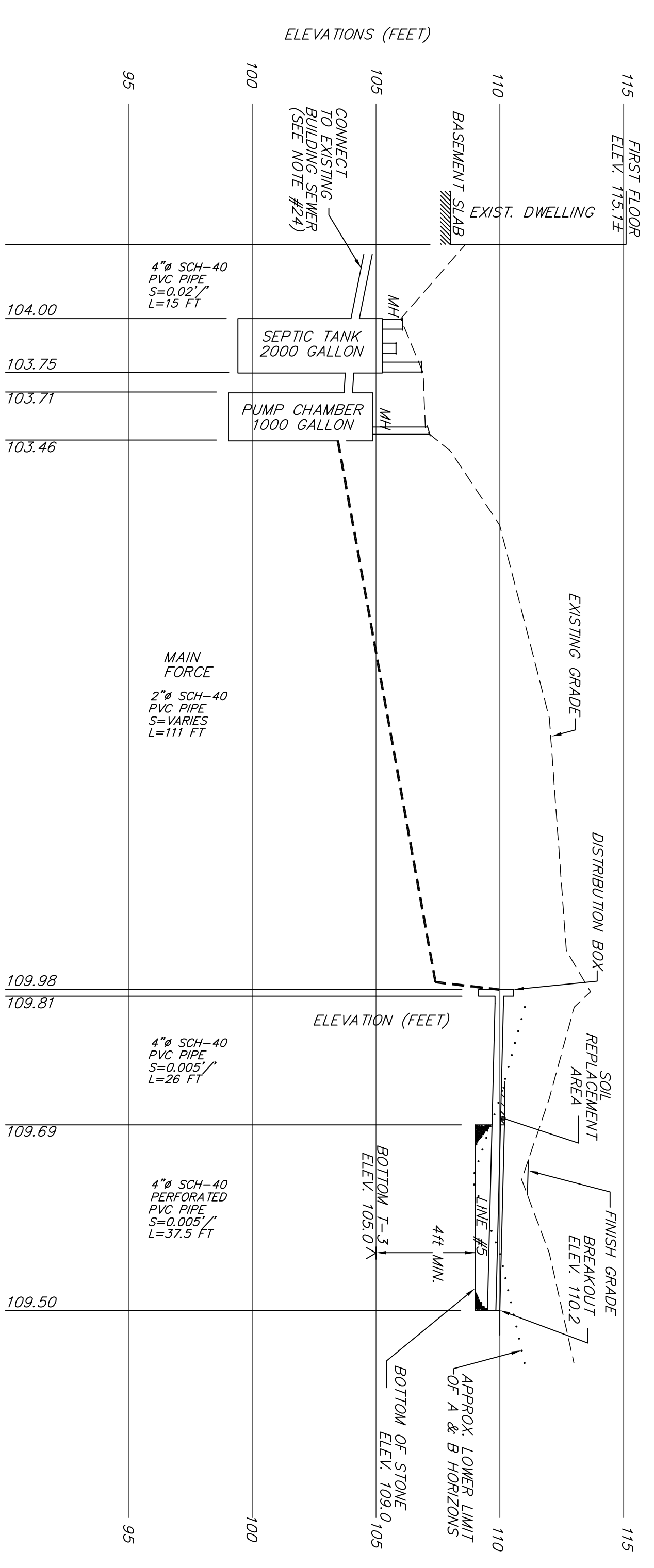
SIGNATURE: _____ DATE: _____



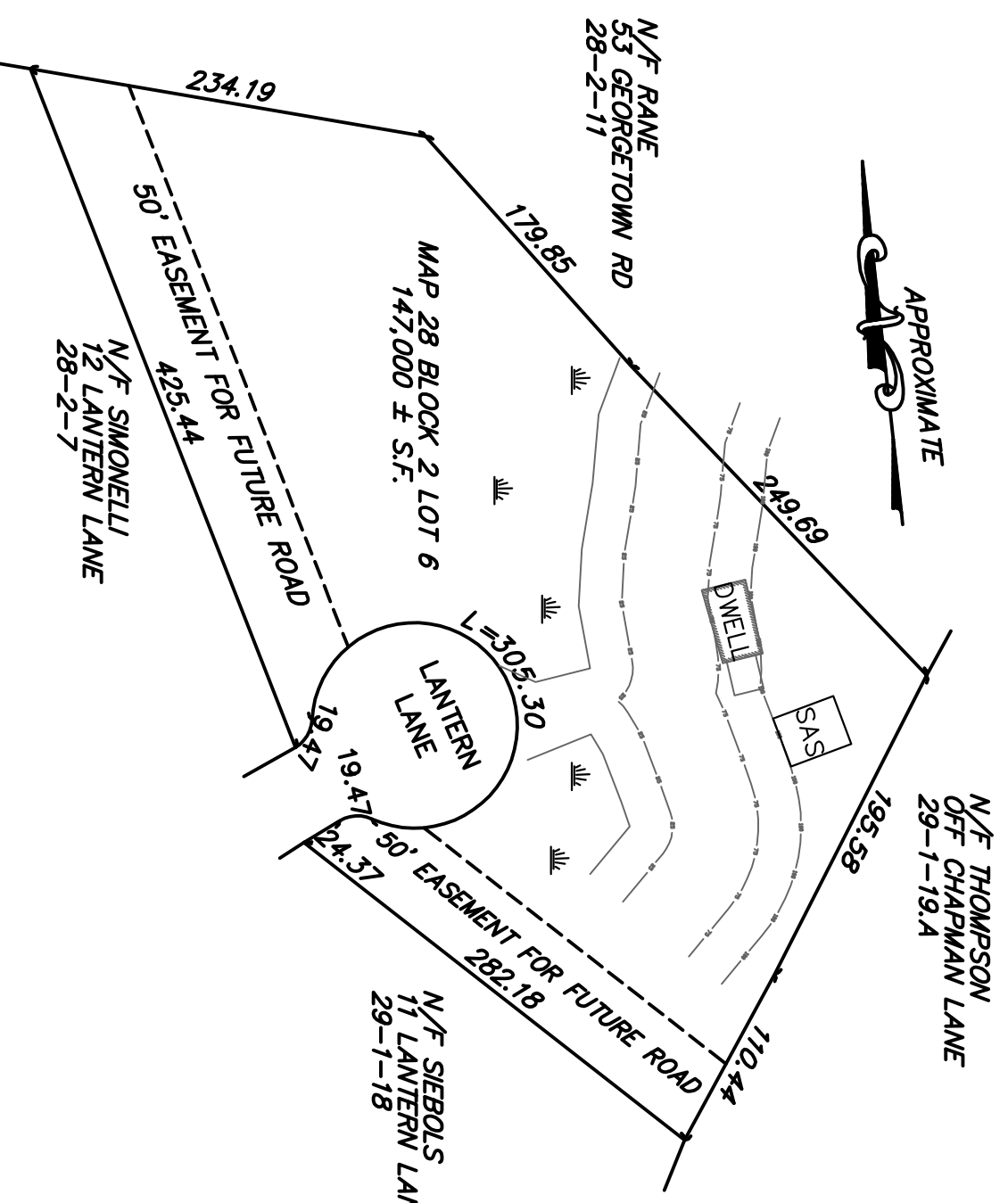
LOCUS: SCALE: 1"=1000'



SITE PLAN:
SCALE 1"=30'



FLOW PROFILE:
SCALE 1"=20' HORIZONTAL
1"=4' VERTICAL



LOCUS PLAN:
SCALE 1"=100'

DESIGN CRITERIA:

FACILITY TYPE: SINGLE FAMILY DWELLING
SIZE: 5 BEDROOMS
UNIT FLOW RATE: 110 GAL/BED/DAY
DAILY FLOW: 550 GAL/DAY
GARBAGE GRINDER: YES
(IF YES SYSTEM DESIGN = 150% DAILY FLOW)
SYSTEM DESIGN: 825 GAL/DAY

- SOIL PROFILES:**
- T-1: 0-12" A FINE SANDY LOAM 10YR3/2 MASSIVE FRAGILE
12-24" B FINE SANDY LOAM 10YR4/6 MASSIVE FRAGILE
24-60" C VERY GRAVELLY LOAMY SAND 2.5Y5/4 SINGLE GRAIN FRAGILE
NO ESHGW
 - T-2: 0-6" A FINE SANDY LOAM 10YR3/2 MASSIVE FRAGILE
6-24" B FINE SANDY LOAM 10YR4/6 MASSIVE FRAGILE
24-96" C1 LOAMY FINE SAND 2.5Y5/4 MASSIVE FRAGILE
TOUGH DIGGING @96" (NOT REFUSAL)
 - T-3: 0-8" A FINE SANDY LOAM 10YR3/2 MASSIVE FRAGILE
8-18" B FINE SANDY LOAM 10YR4/6 MASSIVE FRAGILE
18-48" C1 LOAMY FINE SAND 2.5Y5/4 MASSIVE FRAGILE
48-96" C2 GRAVELLY LOAMY FINE SAND 2.5Y5/3 FRAGILE - COBBLE AND BOULDERS
REFUSAL @ 96"
NO ESHGW
 - T-4: 0-8" A FINE SANDY LOAM 10YR3/2 MASSIVE FRAGILE
8-16" B FINE SANDY LOAM 10YR4/6 MASSIVE FRAGILE
16-88" C1 VERY GRAVELLY LOAMY SAND 2.5Y5/4 SINGLE GRAIN FRAGILE
NO ESHGW WITH COBBLE AND BOULDERS
TOUGH DIGGING @88" (NOT REFUSAL)

LEGEND:

