

ASSESSORS MAP REFERENCE:
MAP 34 BLOCK 1 PARCEL 16

LEGEND OF ABBREVIATIONS & SYMBOLS

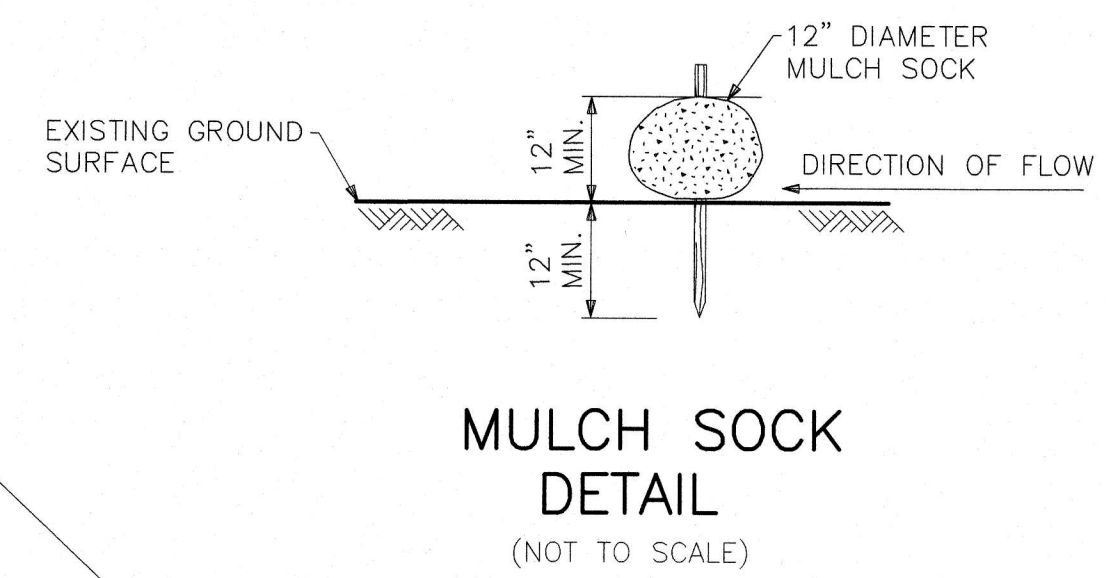
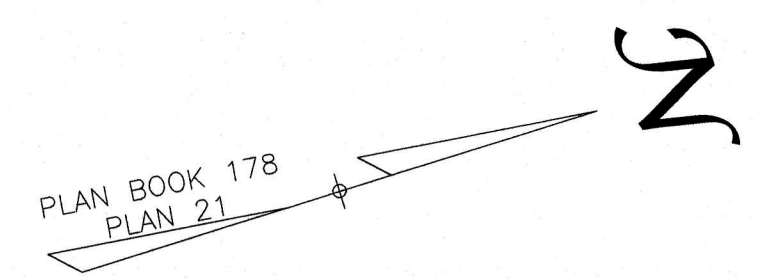
EXISTING 2-FOOT CONTOUR	---	98
EXISTING 10-FOOT CONTOUR	---	100
EXISTING SPOT ELEVATION	x	98.08
EDGE OF BVW	---	A10
25' NO DISTURB ZONE	---	25
75' NO BUILD ZONE	---	75
100' WETLAND BUFFER ZONE	---	100
STONE WALL	---	
EDGE OF PAVEMENT	---	EP
EDGE OF DISTURBED	---	
RETAINING WALL	---	
MANHOLE	⊙	
UTILITY POLE	⊙	
ELECTRIC METER	⊙	
WELL	⊙	
IRRIGATION CONTROL VALVE	⊙	
BORDERING VEGETATED WETLAND	BVW	
TOP OF FOUNDATION	T.O.F.	
FIRST FLOOR	F.F.	
GARAGE FLOOR	G.F.	
AC UNIT	AC	
PROPANE TANK	PT	
TYPICAL	TYP.	

N/F
JAMES A. SHANAHAN, III
& DEANNA HARNEY
8 WYNDMERE DRIVE
34-1-17.6

DISCRETIONARY CUTTING AREA CALCULATIONS:

EXISTING DISCRETIONARY CUTTING AREA = 30,310 S.F.±

PROPOSED ALTERATION WITHIN DISCRETIONARY CUTTING AREA = 4,206 S.F.± (13.8%)



Soil Test Pit Data
Soil Evaluator: Gregory Hochmuth/SE2825
Witnessed By: Kendell Longo, Boxford BOH Witness
Date of Testing: June 22, 2021
SE Certification Date: November 13, 2003

TP# 21-1 Elevation = 106.2±	TP# 21-2 Elevation = 109.2±
0-8" A FSL 10YR 3/2	0-10" A FSL 10YR 3/2
8-18" Bw FSL 10YR 5/6	10-22" Bw FSL 10YR 5/6
18-119" C SL 2.5Y 5/6	22-104" C SL 2.5Y 5/6
ESHWT not observed	ESHWT not observed
Percolation Test P-1 @ 20" + 18" 6 MPI	
TP# 21-3 Elevation = 102.2±	TP# 21-4 Elevation = 107.0±
0-9" A FSL 10YR 3/2	0-10" A FSL 10YR 3/2
9-18" Bw FSL 10YR 5/6	10-16" Bw FSL 10YR 5/6
18-112" C SL 2.5Y 5/6	16-110" C SL 2.5Y 5/6
ESHWT not observed	ESHWT not observed
Percolation Test P-2 @ 20" + 18" 6 MPI	

WILLIAMS & SPARGES
180 NORTH MAIN STREET
MIDDLETON, MA 01949
PHONE: (978) 539-8088
FAX: (978) 539-8000
WWW.WSINCORP.COM

Owner/Applicant:
Cabe Gagne
4 Wyndmere Drive
Boxford, MA 01921
617-905-0886

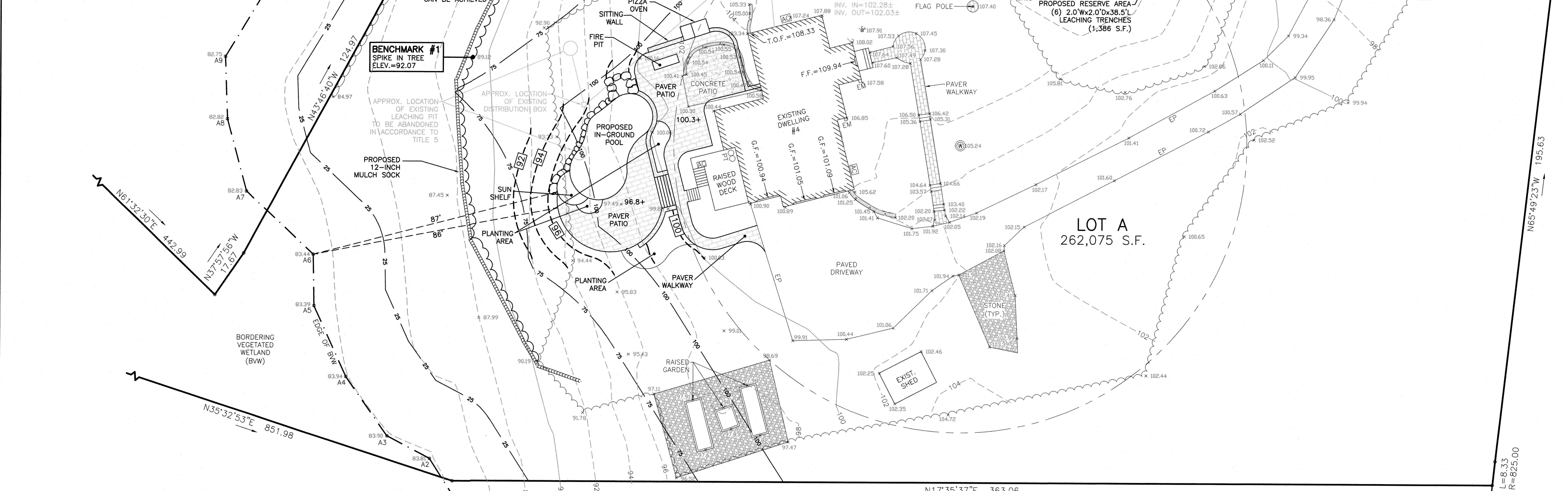
Designed By: SML
Drawn By: SML
Reviewed By: GJH
Project Manager: GJH
Job File Number: BOXF-0109
Drawing File Folder: BOXF109

Drawing Issued for Review Only
 Drawing Issued for Permit
 Drawing Issued for Construction

SEAL

RICHARD S. TUGWELL
No. 40190
COMMISSIONER OF REGISTRATION

5/13/2022

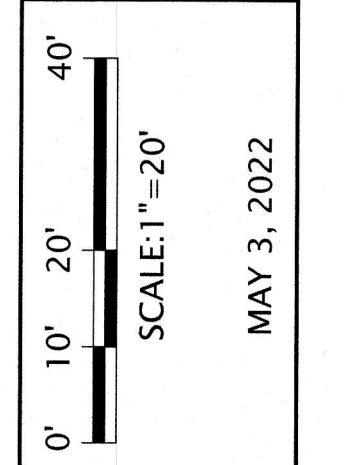


BARE HILL ROAD

TABLE OF SEPTIC SYSTEM INVERTS

EXISTING SEPTIC TANK INV. IN = 102.28±
EXISTING SEPTIC TANK INV. OUT = 102.03±
PROPOSED PUMP CHAMBER INV. IN = 101.97
PROPOSED PUMP CHAMBER INV. OUT = 101.72
PROPOSED 2"x4" COUPLING INV. = 103.25
PROPOSED DISTRIBUTION BOX INV. IN = 103.19
PROPOSED DISTRIBUTION BOX INV. OUT = 103.02
PROPOSED TRENCH #1 INV. START = 102.99
PROPOSED TRENCH #1 INV. END = 102.80
PROPOSED TRENCH #1 BOTTOM = 100.80
PROPOSED TRENCH #2 INV. START = 102.49
PROPOSED TRENCH #2 INV. END = 102.30
PROPOSED TRENCH #2 BOTTOM = 100.30
PROPOSED TRENCH #3 INV. START = 101.99
PROPOSED TRENCH #3 INV. END = 101.80
PROPOSED TRENCH #3 BOTTOM = 99.80
PROPOSED TRENCH #4 INV. START = 101.49
PROPOSED TRENCH #4 INV. END = 101.30
PROPOSED TRENCH #4 BOTTOM = 99.30
PROPOSED TRENCH #5 INV. START = 100.99
PROPOSED TRENCH #5 INV. END = 100.80
PROPOSED TRENCH #5 BOTTOM = 98.80
PROPOSED TRENCH #6 INV. START = 100.49
PROPOSED TRENCH #6 INV. END = 100.30
PROPOSED TRENCH #6 BOTTOM = 98.30

SANITARY DISPOSAL SYSTEM DESIGN PLAN
#4 WYNDMERE DRIVE, BOXFORD, MA



DRAWING: S-1
SHEET 1 OF 3
MAY 3, 2022

N/F
STEPHEN E. &
SUSAN K. KNOWLES
BARE HILL ROAD
34-1-4