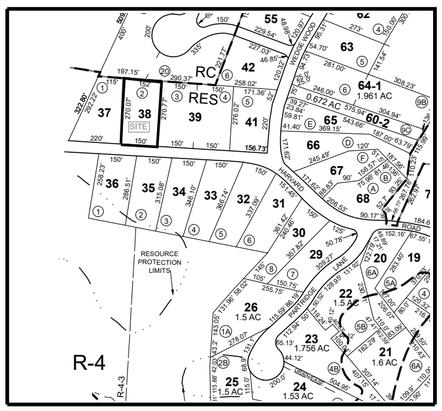
2. ACCESS COVER MUST BE AT LEAST 20".
3. SEPTIC TANK MUST BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH 310 CMR 15.300



LOCUS
NOT TO SCALE

N/F
WEDGEWOOD PROPERTIES INC.
(WEDGEWOOD PINES CC - GOLF COURSE)
MAP R-9 PARCEL 100

N/F
JONATHAN & LYNNE MASCIA
153 HARVARD ROAD
MAP R-9 PARCEL 37

N/F
BLACK OAK BUILDERS LLC
137 HARVARD ROAD
MAP R-9 PARCEL 39

#137

PLAN NO. 1059 OF 1956

LOT 2
AREA = 40,771 SF±
MAP R-9 PARCEL 38

S68°26'55"E 67.15'
S70°57'38"E 84.85'
270.08'
270.77'

TBM: DRILL HOLE IN LEDGE
ELEV. = 239.54

PROPOSED 3-BEDROOM DWELLING
TOC=233.0
BF=224.0

100-FT FROM PROP. WELL
16' 15 MIN.
PROP. WELL
EXIST. WELL
100-FT

PROP. BIT. DRIVE

GF=223

35 LF 4" SCH 40

PROPOSED 1,500 GAL. 2-COMP. SEPTIC TANK (SEE DETAIL)

62 LF 4" SCH 40 PVC

PROP. BIT. DRIVE (12' WIDE)

SWALE

PROPOSED 6-OUTLET DISTRIBUTION BOX WITH 4" TEE ON INLET (SEE DETAIL)

PROPOSED INSPECTION PORT (SEE DETAIL)

PROPOSED QUICK4 HIGH CAPACITY INFILTRATOR CHAMBER TRENCHES (4) 32-FT LONG TRENCHES; 12' O.C. 9' CLEAR BETWEEN TRENCHES

1119-1 (R1)
(R2)
(R3)
1119-2
1119-3
1119-4
PT-A
PT-B
TP
P

4' LIMIT OF EXCAVATION

6 MIL POLY BARRIER (RESERVE ONLY)

100-FT FROM ABUT WELL

EXIST. WELL

N22°55'13"E

I.ROD
N68°26'55"W 79.62'
N70°57'38"W 70.38'

48" OAK
30" OAK

GRADE FOR DRAINAGE

HARVARD ROAD

TBM: MAG NAIL IN UP#5/25
ELEV. = 200.82

DEEP OBSERVATION HOLE LOGS

TEST HOLE: 1119-1
DATE: 11/8/19
SOIL EVALUATOR: SCOTT HAYES, PE
B.O.H. AGENT: KALENE GENDRON, NABH

SURFACE EL.: 206.5

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-8"	A	SL	10YR3/2	NONE	WEAK, FRIABLE
8-22"	Bw	SL	10YR5/6	NONE	WEAK, MASSIVE
22-78"	C	SL	2.5Y6/3	>5% @ 48"	WEAK TO MOD. FIRM SOME COBBLES

DEPTH TO:
BEDROCK: 78"
STANDING WATER: NONE
SEEPAGE: NONE

ESTIMATED SEASONAL HIGH GROUNDWATER: 48" (202.5)

TEST HOLE: 1119-2
DATE: 11/8/19
SOIL EVALUATOR: SCOTT HAYES, PE
B.O.H. AGENT: KALENE GENDRON, NABH

SURFACE EL.: 207.8

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-8"	A	SL	10YR3/2	NONE	WEAK, FRIABLE
8-24"	Bw	SL	10YR5/6	NONE	WEAK, MASSIVE
24-72"	C	SL	2.5Y6/3	>5% @ 48"	WEAK TO MOD. FIRM SOME COBBLES

DEPTH TO:
BEDROCK: 72"
STANDING WATER: NONE
SEEPAGE: NONE

ESTIMATED SEASONAL HIGH GROUNDWATER: 48" (203.8)

TEST HOLE: 1119-3
DATE: 11/8/19
SOIL EVALUATOR: SCOTT HAYES, PE
B.O.H. AGENT: KALENE GENDRON, NABH

SURFACE EL.: 204.0

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-10"	A	SL	10YR3/2	NONE	WEAK, FRIABLE
10-24"	Bw	SL	10YR5/6	NONE	WEAK, MASSIVE
24-92"	C	SL	2.5Y6/3	>5% @ 48"	WEAK TO MOD. FIRM SOME COBBLES

DEPTH TO:
BEDROCK: 92"
STANDING WATER: NONE
SEEPAGE: NONE

ESTIMATED SEASONAL HIGH GROUNDWATER: 48" (200.0)

TEST HOLE: 1119-4
DATE: 11/8/19
SOIL EVALUATOR: SCOTT HAYES, PE
B.O.H. AGENT: KALENE GENDRON, NABH

SURFACE EL.: 203.5

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-8"	A	SL	10YR3/2	NONE	WEAK, FRIABLE
8-24"	Bw	SL	10YR5/6	NONE	WEAK, MASSIVE
24-84"	C	SL	2.5Y6/3	>5% @ 48"	WEAK TO MOD. FIRM SOME COBBLES

DEPTH TO:
BEDROCK: 84"
STANDING WATER: NONE
SEEPAGE: NONE

ESTIMATED SEASONAL HIGH GROUNDWATER: 48" (199.5)

PERCOLATION TESTS

SOIL EVALUATOR: SCOTT P. HAYES, PE - FORESITE ENG.
BOH AGENT: KALENE GENDRON, NABH

TEST	PT-A	PT-B
DATE	6/11/19	6/11/19
DEPTH	60"	48"
RATE (MPI)	17	7

COMMONWEALTH OF MASSACHUSETTS
SCOTT P. HAYES
CIVIL
No. 41017
REGISTERED PROFESSIONAL ENGINEER

SCALE: 1" = 20'

GRAPHIC SCALE
0 20 40 60 FT
0 10 20 M