Field Diagrams

Use this sheet for field diagrams:

Commonwealth of Massachusetts
City/Town of
Percolation Test
Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Site Information

Owner Name: KNOX TRAIL COUNCIL

Street Address or Lot #: 1294 EDGELL ROAD

City/Town: FRAMINGHAM | State: MA | Zip Code: 01701

Contact Person (if different from Owner): | Telephone Number:

B. Test Results

Date	3-9-16	3-9-16
Time	PM	PM
Observation Hole #	316-01	316-03
Depth of Perc	50"	54"
Start Pre-Soak		12:00
End Pre-Soak		12:15
Time at 12"		12:15
Time at 9"		12:30
Time at 6"		12:54
Time (9"-6")		24
Rate (Min./Inch)	2 MIN/INCH	8 MIN/INCH
Test Passed:	☑	☑
Test Failed:	☐	☐

COLLAPSE NOT MATURE

Test Performed By: LAWRENCE GREENE-WDA

Board of Health Witness: MR. JASON TODD-FRAMINGHAM-BOH

Comments:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

A. Facility Information

KNOX TRAIL COUNCIL
Owner Name

SUITE 100, 2 MT. WORCH AVE
Street Address

Map/Lot #

MARLBOROUGH
City

MA
State

01752
Zip Code

MOBSKOT SCOUT RESERVATION

B. Site Information

1. (Check one) ☑ New Construction ☐ Upgrade ☐ Repair

2. Soil Survey Available? ☑ Yes ☐ No If yes: NRCS (Source) 255B (Soil Map Unit)

WINDSOR LOAMY SAND
Soil Name

Soil Limitations

Zgr-BIOTITE GRANITE
Geologic/Parent Material

DRUMLOID
Landform

3. Surficial Geological Report Available? ☐ Yes ☐ No If yes: Year Published/Source | Publication Scale | Map Unit

4. Flood Rate Insurance Map

Above the 500-year flood boundary? ☑ Yes ☐ No Within the 100-year flood boundary? ☐ Yes ☐ No
If Yes, continue to #5.

5. Within a velocity zone? ☐ Yes ☑ No

6. Within a Mapped Wetland Area? ☐ Yes ☑ No MassGIS Wetland Data Layer: Wetland Type

7. Current Water Resource Conditions (USGS): Month/Year Range: ☐ Above Normal ☐ Normal ☐ Below Normal

8. Other references reviewed:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (*minimum of two holes required at every proposed primary and reserve disposal area*)

Deep Observation Hole Number: _____ 6-7-16 (Date) 4PM (Time) SUNNY 70°S (Weather)

1. Location

Ground Elevation at Surface of Hole: _____ feet Latitude/Longitude: N 42.3 W 71.4

Description of Location: _____

2. Land Use WOODS (e.g., woodland, agricultural field, vacant lot, etc.) BOULDERS (Surface Stones (e.g., cobbles, stones, boulders, etc.)) 2-8% (Slope (%))

HARDWOOD (Vegetation) DRUMLOID (Landform) _____ (Position on Landscape (SU, SH, BS, FS, TS))

3. Distances from:

Open Water Body	_____ feet	Drainage Way	_____ feet	Wetlands	_____ feet
Property Line	_____ feet	Drinking Water Well	_____ feet	Other	_____ feet

4. Parent Material: MORAINE SAND Unsuitable Materials Present: ☐ Yes ☐ No

If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Impervious Layer(s) ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☐ No If yes: _____ Depth Weeping from Pit _____ Depth Standing Water in Hole

Estimated Depth to High Groundwater: VARIABLE inches _____ elevation

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-01

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-5"	Ap	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
5"-22"	Bw	10YR 5/6				SANDY LOAM			" " "		
22"-91"	C	2.5Y 6/3	77"	7.5YR 5/6	5%	MED. SAND			" " "		

Additional Notes:

NO STONES

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: _____ 6-7-16 Date _____ AM Time _____ SUNNY 70's Weather

1. Location

Ground Elevation at Surface of Hole: _____ feet Latitude/Longitude: H 423 W 71.4

2. Land Use WOODS (e.g., woodland, agricultural field, vacant lot, etc.) BOULDERS Surface Stones (e.g., cobbles, stones, boulders, etc.) 2-8% Slope (%)

HARDWOODS Vegetation DRUMLOID Landform _____ Position on Landscape (SU, SH, BS, FS,

3. Distances from:

Open Water Body	_____ feet	Drainage Way	_____ feet	Wetlands	_____ feet
Property Line	_____ feet	Drinking Water Well	_____ feet	Other	_____ feet

4. Parent Material: MEDIUM SAND Unsuitable Materials Present: ☐ Yes ☐ No

If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Impervious Layer(s) ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☐ No If yes: _____ Depth Weeping from Pit _____ Depth Standing Water in Hole

Estimated Depth to High Groundwater: VARIABLE inches _____ elevation

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: C46-02

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-7"	Ap	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
7"-22"	B10	10YR 5/6				SANDY LOAM			↓		
22"-50"	C1	2.5Y 6/3				MED. SAND			↓		
50"-89"	C2	5Y 4/2				COARSE SAND		5%	PLATY		

Additional Notes:

NO MOTTLING

NO GROUNDWATER/ SEEPAGE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-03

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-6"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
6"-30"	B1J	10YR 5/6				SANDY LOAM			↓		
30"-108"	C	5Y 4/2				MED. SAND		10%	↓		

Additional Notes:

NO MOTTLING

NO GROUNDWATER / SEEPAGE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 6/6-04

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-5"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
5"-20"	BW	10YR 5/6				SANDY LOAM			↓		
20"-90"	C	2.5Y 6/3				MED. SAND		2%	↓		

Additional Notes:

NO MOTTLING

NO GROUNDWATER/SEEPAGE

HUGE BOULDER WITHIN TESTHOLE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-5

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-8"	Ap	10YR 3/2				SANDY LOAM					
8"-24"	B10	10YR 5/6				SANDY LOAM					
24"-60"	C	2.5Y 6/3				COARSE SAND		10%			

Additional Notes:

USING TEST HOLE TO DETERMINE TOP OF ROCK
NOT FOR MOTTLING/GROUNDWATER

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-6

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-10"	Ap	10YR 3/2				FILL			LOOSE SINGLE GRAINED		
10"-29"	B1	10YR 5/6				SANDY LOAM			↓		
29-90"	C	7.5YR 6/3				MED. SAND			↓		

Additional Notes:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-7

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-18"	TO	REFUSAL									

Additional Notes:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-B

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-5"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
5"-22"	B10	10YR 5/6				SANDY LOAM			↓		
22"-84"	C	2.5Y 6/3				MED. SAND			↓		

Additional Notes:

REFUSAL AT 84"

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-9

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-5"	Ap	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
5"-20"	B10	10YR 5/6				SANDY LOAM			↓		
20"-57"	C	2.5Y 4/3				FINE SAND			↓		

Additional Notes:

REFUSAL AT 57"

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 6/6-10

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-11"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
11"-28"	Bw	10YR 5/6				SANDY LOAM			↓		
28"-95"	C	5Y 4/2	77"	7.5YR 5/6	5%	FINE SAND			↓		

Additional Notes:

NO GROUNDWATER

NO SEEPAGE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-11

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-2"	AP	10YR 3/2				SANDY LOAM			LOOSE GRANULAR		
2"-11"	B10	10YR 5/6				SANDY LOAM					
11"-89"	C	5Y 4/2	78"	7.5YR 5/6	5%	FINE SAND					

Additional Notes:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-12

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-10"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
10"-22"	B1d	10YR 5/6				SANDY LOAM			↓		
22"-72"	C	2.5Y 6/3				MED SAND		5%	↓		

Additional Notes:

NO MOTTLING

NO GROUNDWATER/SEEPAGE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 616-13

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-8"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
8"-25"	BW	10YR 5/6				SANDY LOAM			↓		
25"-8'	C	25Y 6/3				MED SAND		5%	↓		

Additional Notes:

NO MOTTLING

NO GROUNDWATER / SEEPAGE

Commonwealth of Massachusetts
City/Town of Framingham

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

D. Determination of High Groundwater Elevation

1. Method Used:

	Obs. Hole # _____	Obs. Hole # _____
☐ Depth observed standing water in observation hole	_____ inches	_____ inches
☐ Depth weeping from side of observation hole	_____ inches	_____ inches
☑ Depth to soil redoximorphic features (mottles)	VARIABLE inches	_____ inches
☐ Depth to adjusted seasonal high groundwater (S_h) (USGS methodology)	_____ inches	_____ inches

_____ Index Well Number _____ Reading Date

$S_h = S_c - [S_r \times (OW_c - OW_{max})/OW_r]$

Obs. Hole # ____ S_c ____ S_r ____ OW_c ____ OW_{max} ____ OW_r ____ S_h ____

Obs. Hole # ____ S_c ____ S_r ____ OW_c ____ OW_{max} ____ OW_r ____ S_h ____

E. Depth of Pervious Material

1. Depth of Naturally Occurring Pervious Material

   a. Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system?

   ☑ Yes ☐ No

   b. If yes, at what depth was it observed? Upper boundary: VARIABLE inches Lower boundary: _____ inches

   c. If no, at what depth was impervious material observed? Upper boundary: _____ inches Lower boundary: _____ inches

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

F. Board of Health Witness

MR. JASON POND
Name of Board of Health Witness

FRAMINGHAM
Board of Health

G. Soil Evaluator Certification

I certify that I am currently approved by the Department of Environmental Protection pursuant to 310 CMR 15.017 to conduct soil evaluations and that the above analysis has been performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017. I further certify that the results of my soil evaluation, as indicated in the attached Soil Evaluation Form, are accurate and in accordance with 310 CMR 15.100 through 15.107.

Signature of Soil Evaluator

Date

LAWRENCE GREENE 2685
Typed or Printed Name of Soil Evaluator / License #

Expiration Date of License

Note: In accordance with 310 CMR 15.018(2) this form must be submitted to the approving authority within 60 days of the date of field testing, and to the designer and the property owner with Percolation Test Form 12.

Field Diagrams

Use this sheet for field diagrams:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM
Percolation Test
Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Site Information

KNOX TRAIL COUNCIL
Owner Name

SUITE 100, 2 MT. ROYAL AVE
Street Address or Lot #

MARLBOROUGH — City/Town
MA — State
01752 — Zip Code

Contact Person (if different from Owner)
Telephone Number

B. Test Results NOFSCOT SCOUT RESERVATION

Date	6-7-16	6-7-16
Time	PM	PM
Observation Hole #	6/6-01	6/6-03
Depth of Perc	50"	51"
Start Pre-Soak	1:25	1:32
End Pre-Soak		
Time at 12"		
Time at 9"		
Time at 6"		
Time (9"-6")		
Rate (Min./Inch)		
Test Passed:	☑	☑
Test Failed:	☐	☐

Test Performed By:
MR. JASON DOTTO
Board of Health Witness

Comments:
COULD NOT SATURATE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM
Percolation Test
Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

A. Site Information

KNOX TRAIL COUNCIL
Owner Name

SUITE 100, MT. 2 ROYAL AVE
Street Address or Lot #

MARLBOROUGH — City/Town
MA — State
0172 — Zip Code

Contact Person (if different from Owner)
Telephone Number

B. Test Results NOBSCOT SCOUT RESERVATION

Date	6-7-16	6-7-16
Time	PM	PM
Observation Hole #	616-10	616-12
Depth of Perc	47"	49"
Start Pre-Soak	1:36	1:40
End Pre-Soak		
Time at 12"		
Time at 9"		
Time at 6"		
Time (9"-6")		
Rate (Min./Inch)		
Test Passed:	☑	☑
Test Failed:	☐	☐

LARRY GREENE
Test Performed By:

MR JASON DODD
Board of Health Witness

Comments:
COULD NOT SATURATE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-05

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-13"	Ap					FILL			LOOSE SINGLE GRAIN		
13-30"	Bw1	7.5Y 5/4				SANDY LOAM			↓		
30"-78"	C	7.5Y 4/4	42"		5%	SANDY LOAM			PLATY		

Additional Notes:

Commonwealth of Massachusetts
City/Town of Franklin

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-06

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-4"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
4"-18"	Bw1	7.5Y 5/4				SANDY LOAM					
18"-108"	C	7.5Y 4/4	40"		5%	LOAMY SAND			BLOCKY PLATY		

Additional Notes:
90" SEEPAGE

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-07

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-4"	Ap	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
4-21"	B1d	7.5Y 5/4				LOAMY SAND					
21-99"	C	7.5Y 4/4				FINE SAND					

Additional Notes:

Commonwealth of Massachusetts
City/Town of Framingham

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-08

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-8"	AP	10YR 3/2				Sandy Loam			Loose single grain		
8"-30"	B.W	7.5YR 5/4				Sandy Loam					
30"-80"	C	7.5YR 4/4	42"		5%	Loamy Sand					

Additional Notes:

Commonwealth of Massachusetts
City/Town of FRAMINGHAM

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-09

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-8"	AP	10YR 3/2				SANDY LOAM			LOOSE SINGLE GRAIN		
8"-27"	B10	7.5Y 5/4				SANDY LOAM					
27"-76"	C	7.5Y 4/4	42"			SANDY LOAM					

Additional Notes:

LARGE BOULDERS

Commonwealth of Massachusetts
City/Town of Framingham

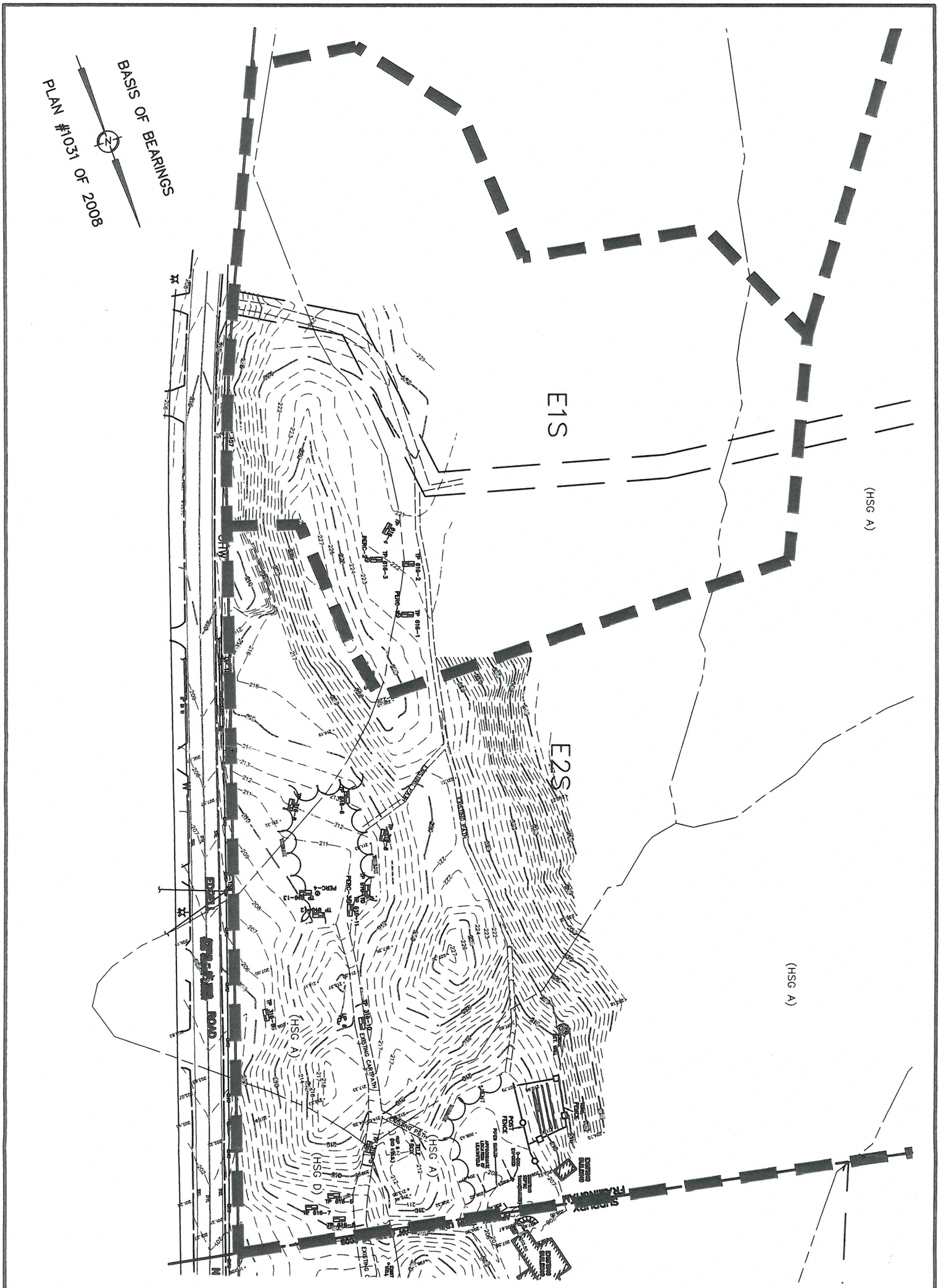
Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (continued)

Deep Observation Hole Number: 316-10

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0"-5"	AP	10YR3/2				Sandy Loam			Loose Single Grain		
5"-38"	B.w	7.5YR5/4				Sandy Loam					
38"-72"	C	7.5YR 4/6	44"			Loamy Sand	10%	5%			

Additional Notes:

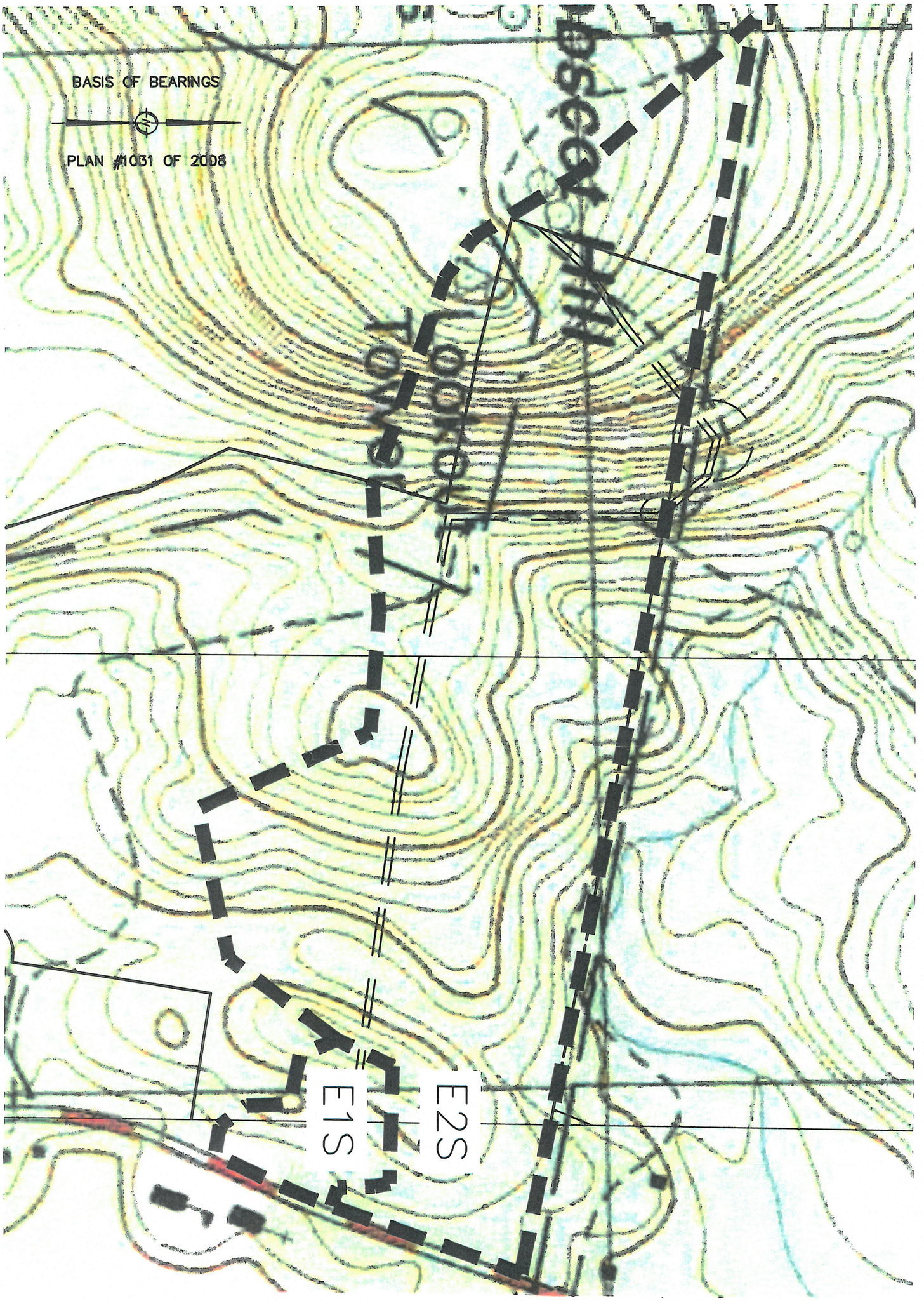


PREPARED BY:

WATERMAN DESIGN ASSOCIATES, INC.
31 East Main Street
Westborough, MA 01581
508.366.6552
(fax) 508.366.6506
watermandesign.com wda@wdassoc.com

TITLE:	EXISTING HYDROLOGY PLAN (LOCALIZED) BSA Service Center & Knox Trail Training Center
OWNER:	Konx Trail Council 490 Union Ave. Framingham, MA
PREPARED FOR:	Konx Trail Council 490 Union Ave. Framingham, MA

DATE:	07/15/16	FILE NO.:	1014350	SCALE:	1" = 80'
JOB NO.:	1014.00	DWG NO.:	1014351A	DRAWN BY:	TBS
		REV. NO.:		REV. DATE:	



PREPARED BY:

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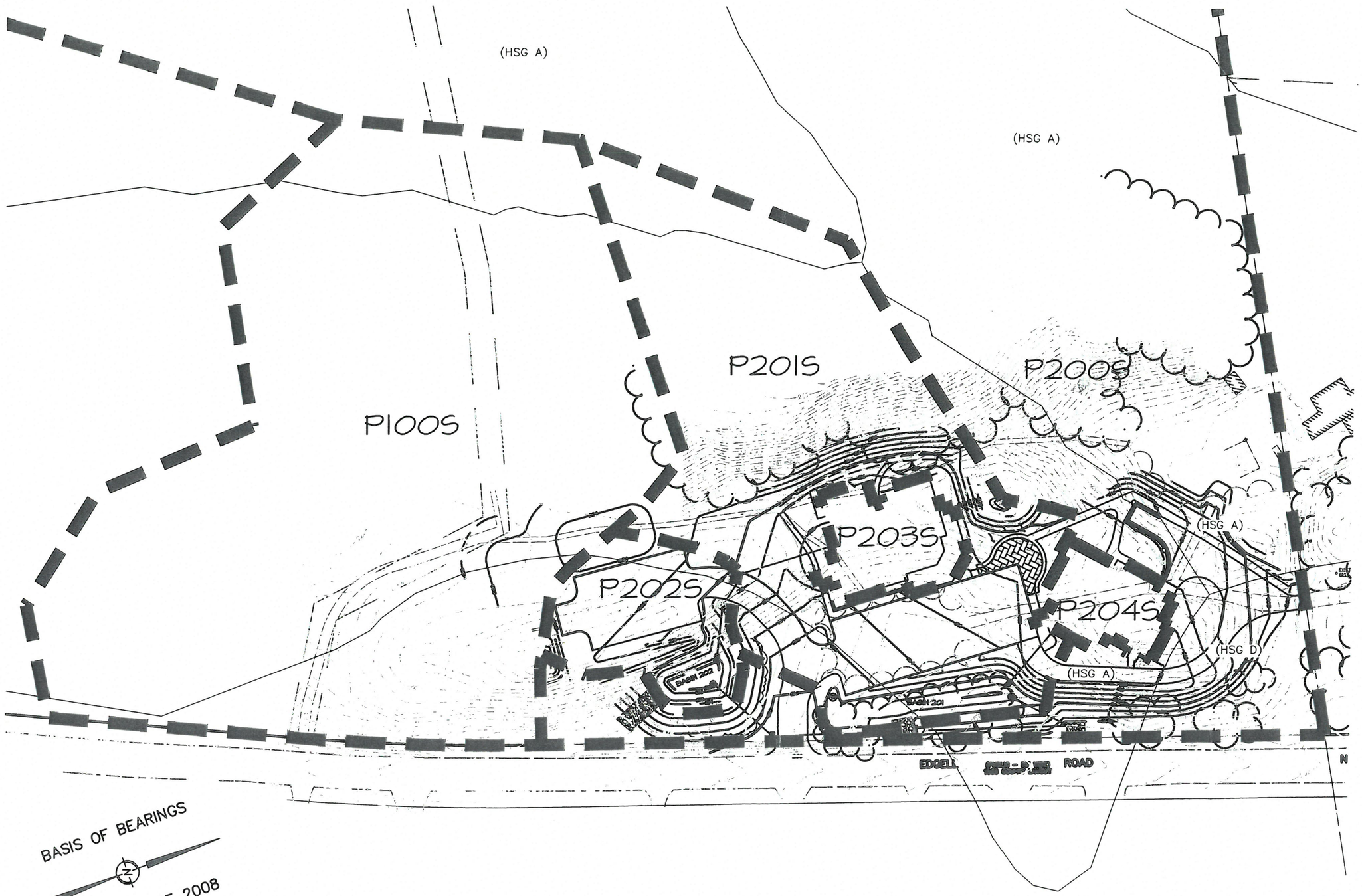
TITLE:	EXISTING HYDROLOGY PLAN (OVERALL) BSA Service Center & Knox Trail Training Center
OWNER:	Konx Trail Council 490 Union Ave. Framingham, MA
PREPARED FOR:	Konx Trail Council 490 Union Ave. Framingham, MA

DATE:	07/15/16	FILE NO.:	1014350	SCALE:	1" = 300'
JOB NO.:	1014.00	DWG NO.:	1014351A	DRAWN BY:	TBS
		REV. NO.:		REV. DATE:	



TITLE: PROPOSED HYDROLOGY PLAN (LOCALIZED)
BSA Service Center & Knox Trail Training Center

OWNER: Konx Trail Council
490 Union Ave.
Framingham, MA

PREPARED FOR: Konx Trail Council
490 Union Ave.
Framingham, MA

DATE: 07/15/16
JOB NO.: 1014.00
FILE NO.: 1014350
DWG NO.: 1014352A
REV. NO.:
SCALE: 1" = 80'
DRAWN BY: TBS
REV. DATE:

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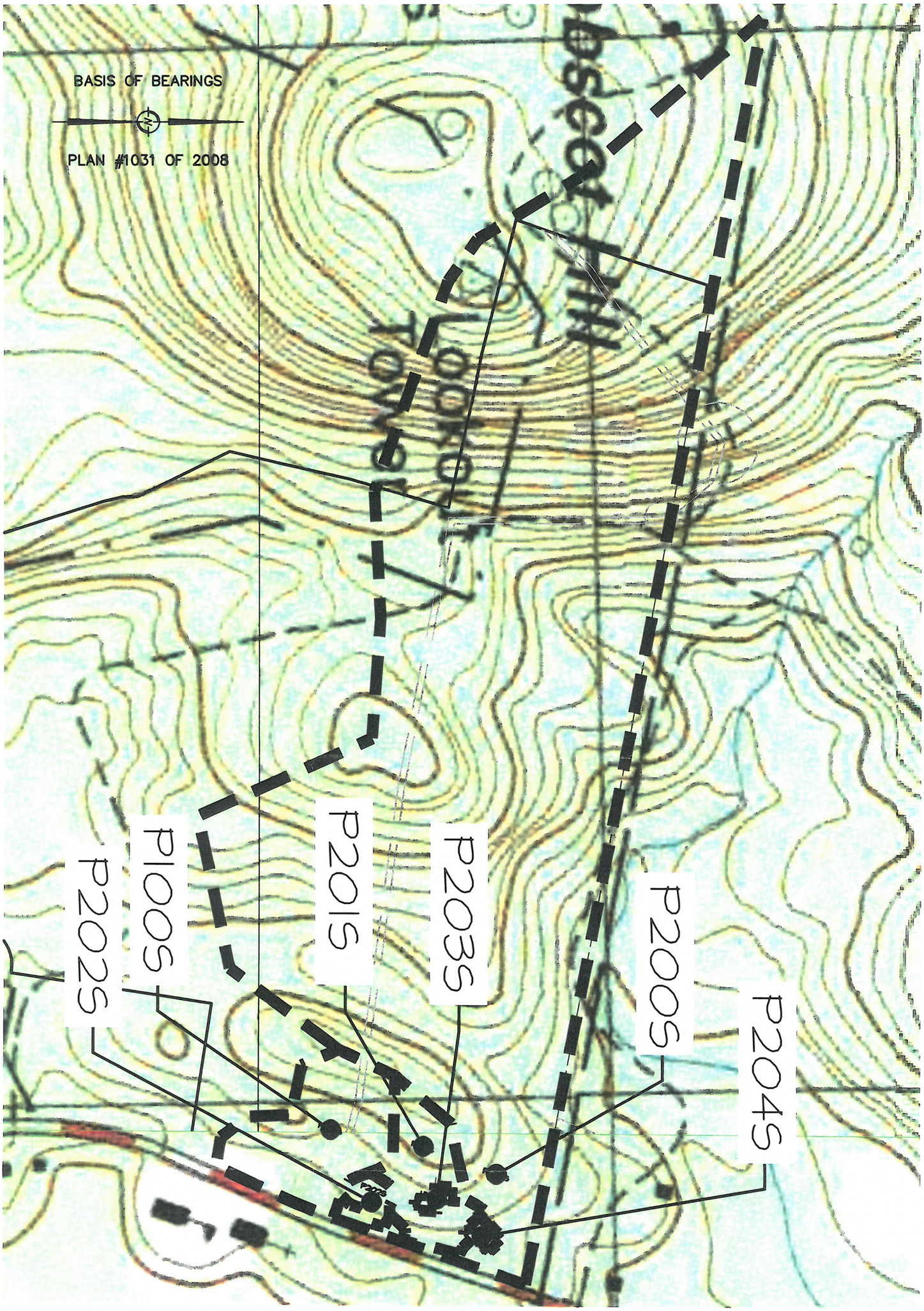
CIVIL ENGINEERS SURVEYORS PLANNERS LANDSCAPE ARCHITECTS



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TITLE:	PROPOSED HYDROLOGY PLAN (OVERALL) BSA Service Center & Knox Trail Training Center
OWNER:	Konx Trail Council 490 Union Ave. Framingham, MA
PREPARED FOR:	Konx Trail Council 490 Union Ave. Framingham, MA

DATE:	07/15/16	FILE NO.:	1014350	SCALE:	1" = 300'
JOB NO.:	1014.00	DWG NO.:	1014351A	DRAWN BY:	TBS
		REV. NO.:		REV. DATE:	