

STORMWATER TESTING DATA

DPT # 1C	DPT # 2	DPT # 3	DPT # 4	DPT # 5A	DPT # 6
DATUM = G.E.+10' DEPTH (IN) PERC RATE START 1306 28 0.83 END 1311 34 START 1311 27 1.25 END 1316 31 START 1316 24 0.83 END 1321 30 START 1321 25 1.11 END 1326 30 AVERAGE (MIN/IN) (IN/HR) 59.6	DATUM = G.E.+12' DEPTH (IN) PERC RATE START 1307 28.5 3.33 END 1312 30 START 1312 24 4.00 END 1317 25 START 1317 21 0.36 END 1322 35 START 1322 28 0.56 END 1327 37 AVERAGE (MIN/IN) (IN/HR) 2.1	DATUM = G.E.+10' DEPTH (IN) PERC RATE START 1333 34 1.20 END 1338 39 START 1338 33 1.40 END 1343 38 START 1343 32 1.20 END 1348 37 START 1348 30 3.17 END 1353 39 AVERAGE (MIN/IN) (IN/HR) 34.4	DATUM = G.E.+11' DEPTH (IN) PERC RATE START 1335 32 1.20 END 1341 37 START 1341 31 1.40 END 1347 36 START 1347 32 2.00 END 1353 35 START 1353 31 1.43 END 1359 35 START 1359 30 5.25 END 1365 37 AVERAGE (MIN/IN) (IN/HR) 38.4	DATUM = G.E.+10' DEPTH (IN) PERC RATE START 1344 31 1.40 END 1351 36 START 1351 32 2.00 END 1358 35 START 1358 31 1.43 END 1365 35 START 1404 30 1.43 END 1409 33.5 AVERAGE (MIN/IN) (IN/HR) 38.4	DATUM = G.E.+12' DEPTH (IN) PERC RATE START 1158 23 0.56 END 1163 32 START 1204 20 0.63 END 1209 28 START 1210 17 0.50 END 1215 27 START 1215 17 0.60 END 1221 27 AVERAGE (MIN/IN) (IN/HR) 105.2

TEST HOLE #	D 1C	D 2	D 3	D 4	D 5	D 6	D 7	D 8	D 9	D 10	D 12	D 13	D 14
6' org.	6' org.	10' org.	6' org.	6' org.	10' org.	9' org.	9' org.	6' org.	9' org.	6' org.	9' org.	6' org.	6' org.
6-28" YB	6-16" YB	10-24" YB	6-30" YB	6-30" YB	YB fine	9-24" YB	6-24" RB silt	9-23" B silt	6-30" YB	9-36" B silt	6-30" YB	6-30" YB	6-30" YB
sandy loam	sandy loam	sandy loam	sandy loam	sandy loam	sandy loam	sandy loam	loam lots of gravel	loam light comp.	loam more sandy towards bottom	loam more sandy towards bottom	loam more sandy towards bottom	loam more sandy towards bottom	loam more sandy towards bottom
28-33" YB	18-36" YB	24-55" compacted silt loam	36-66 silt loam some mottling	30-48" sandy gray silt loam	see page at 42	36-65" dec. rock to ledge	24-43" med. coarse sand	23-33" olive silt loam	30-64" compact silt/olive	30-64" compact silt/olive	30-64" compact silt/olive	30-64" compact silt/olive	gray sand w/ gravel (bottom)
REFUSAL	REFUSAL	NO REFUSAL	NO BEDR.	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

TEST HOLE #	D 15	D 16	D 17	D 20	D 21	D 22	D 23	D 24	D 25	D B12A	D B12B	D B13
6' org.	4' org.	8' org.	9' org.	9' org.	9' org.	9' org.	6' org.	9' org.	9' org.	4' org.	6' org.	4' org.
6-22" B loam	4-11" YB loam	8-32" YB silt loam	9-36" B sandy loam gravel & cobbles	9-24" YB fine loam	fine sand	9-84" B + olive gray sand silt loam very fine sandy gravel	6-36" B red sandy loam	9-36" YB loamy sand	9-30" B loamy sand	4-36" YB fine loam	6-38" YB loam	4-18" Brown loam w/ large cobbles
11-36" black sandy silt loam	32-52" very fine silt loam	36-54" increasing gravel & cobbles	moderately compacted	moderately compacted	moderately compacted	36" B olive red sand w/ large gravel & cobbles (5%)	30-70" B gray olive sand + cobbles (5%)	30-70" W/ large gravel (5%)	38" refusal	38" refusal	38" refusal	38" refusal
REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	PARTIAL REFUSAL
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

TEST HOLE #	C 1	C 2	13A	13B	15	16	20A	22A	23A	23B	25A	25B	26A
6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	3' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.
6-60" Dark Brown Loam, Medium Compaction	6-36" Dark Brown Sandy Loam Loam	6-18" Fine Sandy Brown Loam	6-18" Fine Sandy Brown Loam	6-36" Fine Sandy Brown Loam	6-36" Fine Sandy Brown Loam	3-36" Brown Sandy Loam	6-66" Brown Fine Sandy Loam	6-66" Brown silt loam	6-66" Brown silt loam	6-66" Brown silt loam	6-66" Brown silt loam	6-66" Brown silt loam	6-66" Brown silt loam
36-72" Med. Compacted sandy loam	18-84" Med. Compacted silt loam w/ small stones	18-84" Med. Compacted silt loam w/ small stones	36-48" Grey Fine sandy loam mix	36-84" Dense brown loam	36-72" Light brown sandy loam with some gravel	48-84" Fine Stone Sand							
REFUSAL	REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL	NO REFUSAL
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

TEST HOLE #	29A	29B	29C	30A	30B	46A	46B	46C	49A	49B
6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.
6-48" Brown Loam	6-48" Brown Loam	6-48" Brown Loam	6-48" Light brown Loam	6-48" Light brown Loam	6-42" Brown loam with gray fractured rock	6-60" Loose w sand.	6-24" Brown silt loam	6-48" Brown silt loam with some sands	6-72" Brown silt loam with some sands	6-72" Brown silt loam with some sands
REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL	REFUSAL
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

SUBSURFACE SEWAGE TREATMENT SYSTEM TESTING DATA

S P-1	S P-2	S P-4	S P-5	S P-6	S P-7
DEPTH (IN) PERC RATE START 133 30 7.00 END 154 33	DEPTH (IN) PERC RATE START 954 24 3.00 END 1004 27	DEPTH (IN) PERC RATE START 129 25 2.00 END 135 28	DEPTH (IN) PERC RATE START 952 24 3.00 END 1003 27	DEPTH (IN) PERC RATE START 1229 35 12.00 END 1259 38	DEPTH (IN) PERC RATE START 1224 26.75 2.00 END 1230 30.5
AVERAGE (MIN/IN) (IN/HR) 7.0	AVERAGE (MIN/IN) (IN/HR) 3.0	AVERAGE (MIN/IN) (IN/HR) 2.8	AVERAGE (MIN/IN) (IN/HR) 3.0	AVERAGE (MIN/IN) (IN/HR) 14.0	AVERAGE (MIN/IN) (IN/HR) 24.0

TEST HOLE #	S 1	S 2	S 3	S 4	S 5	S 6	S 7
6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.
6-30" Forest Loam	6-30" Forest Loam	6-36" Forest Loam	6-24" Forest Loam	6-24" Forest Loam	6-30" Forest Loam	6-30" Forest Loam	6-30" Forest Loam
66-96" Tight Compact fine to med sands w/cobbles	78"-120" Silt & Compaction increasing w/ depth	60-120" Coarse fine to med sands	48-132" Moderate compact fine to med sands w/ silt	48-132" Moderate compact fine to med sands w/ silt	48-132" Moderate compact fine to med sands w/ silt	48-132" Moderate compact fine to med sands w/ silt	48-132" Moderate compact fine to med sands w/ silt
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

S P-8	S P-9	S P-10	S P-11	S P-12	S P-17
DEPTH (IN) PERC RATE START 1128 27 5.00 END 1143 30	DEPTH (IN) PERC RATE START 1040 28.5 4.00 END 1052 31.5	DEPTH (IN) PERC RATE START 1134 28.5 3.00 END 1145 31	DEPTH (IN) PERC RATE START 948 24.75 6.00 END 1009 27.75	DEPTH (IN) PERC RATE START 1038 31.75 11.00 END 1108 34.5	DEPTH (IN) PERC RATE START 1046 32.5 6.00 END 1104 35.5
AVERAGE (MIN/IN) (IN/HR) 7.8	AVERAGE (MIN/IN) (IN/HR) 4.3	AVERAGE (MIN/IN) (IN/HR) 17.1	AVERAGE (MIN/IN) (IN/HR) 6.5	AVERAGE (MIN/IN) (IN/HR) 11.0	AVERAGE (MIN/IN) (IN/HR) 5.0

TEST HOLE #	S 8	S 9	S 10	S 11	S 12	S 17	S 18
6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.	6' org.
6-30" Brown Loam	6-30" Forest Loam	6-30" Brown Loam	6-12" Loam	6-12" Loam	6-12" Loam	6-12" Loam	6-12" Loam
30-132" Moderate compact fine to med sands	30-132" Gray fine to med sands Large cobbles at 60"	30-132" Moderate compact fine to med sands Large cobbles at 60"	30-108" Moderate compact fine to med sands	30-108" Moderate compact fine to med sands	30-108" Moderate compact fine to med sands	30-108" Moderate compact fine to med sands	30-108" Moderate compact fine to med sands
NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER	NO WATER

Unauthorized alterations or additions to this drawing is a violation of section 7209, sub-division 2, of the New York State Education Law.

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REV.	DESCRIPTION	BY	DATE
1	NYC DEP COMMENTS	PL	July 24, 2006
2	TOWN REVIEW	PL	Nov 15, 2006
3	TOWN REVIEW	PL	Sept 2, 2008
4	TOWN REVIEW	DPG	April 16, 2010
5	TOWN PLANNER MEMO (7/8/2010) & TOWN ENGINEER MEMO (7/9/2010)	DPG	December 29, 2010
6	TOWN PLANNER MEMO (9/9/2011) & TOWN ENGINEER MEMO (9/3/2011)	DPG	February 24, 2012
7	COMPLETENESS SUBMISSION	DPG	July 31, 2012
8	ACCEPTED DRAWING SET	DPG	September 12, 2012
9	RESOLUTION 139-13	PUG	April 22, 2013

SOIL TESTING DATA
HIGHGATE - WOODLANDS AT NORTH SALEM
REED ROAD AND HARDSCRABLE ROAD
TOWN OF NORTH SALEM
COUNTY OF WESTCHESTER
STATE OF NEW YORK

DRAWN BY: PL CHECKED BY: DC
SCALE: AS NOTED
DATE: NOVEMBER 1, 2005
JOB NUMBER SHEET
ST-2, 17 of 39