

TEST PIT # 1

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 06/18/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-10" (A, S. LOAM, 10 YR 3/2), 10-19" (B, LOAMY SAND, 10 YR 5/6), 19-78" (C1, SAND, 2.5 Y 5/4).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: N/A
ESTIMATED DEPTH TO MAX. 78"(EL. 38.3)
STANDING N/A

TEST PIT # 2

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 06/18/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-10" (A, S. LOAM, 10 YR 3/2), 10-22" (B, LOAMY SAND, 10 YR 5/6), 22-68" (C1, SAND, 2.5 Y 5/4), 68-82" (C2, SAND, 2.5 Y 6/2).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: 50"
ESTIMATED DEPTH TO MAX. 50"(EL. 37.6)
STANDING 64"

TEST PIT # 3

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 06/18/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-24" (A & fill, S. LOAM, 10 YR 3/2), 24-42" (B, LOAMY SAND, 10 YR 5/6), 42-100" (C1g, SAND, 2.5 Y 5/4).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: 43"
ESTIMATED DEPTH TO MAX. 29"(EL. 36.6)
STANDING 52"

TEST PIT # 4

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 06/18/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-24" (A & fill, S. LOAM, 10 YR 3/2), 24-33" (E, LOAMY SAND, 10 YR 5/6), 33-74" (C1g, SAND, 2.5 Y 6/2), 74-108" (C2g, SAND, 2.5 Y 7/2).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: 52"
ESTIMATED DEPTH TO MAX. 24"(EL. 37.1)
STANDING 52"

TEST PIT # 5

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 10/03/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-8" (A & fill, S. LOAM, 10 YR 3/2), 8-24" (B, LOAMY SAND, 10 YR 5/6), 24-102" (C1, SAND, 2.5 Y 5/4), 102" (C2, SAND, 2.5 Y 6/2).

WEEPING FROM PIT FACE: 59"
ESTIMATED DEPTH TO MAX. 59"(EL. 36.7)
STANDING 59"

TEST PIT # 6

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 10/03/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-6" (A & fill, S. LOAM, 10 YR 3/2), 6-22" (B, LOAMY SAND, 10 YR 5/6), 22-76" (C1g, SAND - L. SAND, 62" MANY, PROM 7.5 YR 5/8).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: 43"
ESTIMATED DEPTH TO MAX. 29"(EL. 38.5)
STANDING 52"

TEST PIT # 7

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 06/18/18

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-13" (A & fill, S. LOAM, 10 YR 3/2), 13-56" (C1, SAND - L. SAND, 2.5 Y 5/4), 56-86" (C2g, SAND - L. SAND, 2.5 Y 6/2).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: 52"
ESTIMATED DEPTH TO MAX. 46"(EL. 35.4)
STANDING 52"

TEST PIT # 10-1

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 01/17/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-16" (A & fill, S. LOAM, 10 YR 3/2), 16-32" (B, LOAMY SAND, 10 YR 5/6), 32-118" (C1, SAND, 5 Y 5/4).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: N/A
ESTIMATED DEPTH TO MAX. 108"(EL. 36.2)
STANDING N/A

TEST PIT # 10-2

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: < 2 MIN./ IN.
DATE 01/17/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-17" (A & fill, S. LOAM, 10 YR 3/2), 17-32" (B, LOAMY SAND, 10 YR 5/6), 32-115" (C1, SAND, 5 Y 5/4).

hole caving badly
WEEPING FROM PIT FACE: N/A
ESTIMATED DEPTH TO MAX. 108"(EL. 36.2)
STANDING N/A

TEST PIT # 10-3

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER, BOH AGENT
PERC RATE: 3 MIN./ IN.
DATE 01/17/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-9" (A & fill, S. LOAM, 10 YR 3/2), 9-20" (B, LOAMY SAND, 10 YR 5/6), 20-48" (C1, SAND, 5 Y 5/4).

hit boulder
WEEPING FROM PIT FACE: N/A
ESTIMATED DEPTH TO MAX. 108"(EL. 36.2)
STANDING N/A

TEST PIT # 10-4

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 03/11/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-15" (A & fill, Loom, 10 YR 3/2), 15-24" (E, S Loam-Loom, 10 YR 7/1), 24-60" (C1, Sand, 10 YR 5/6).

WEEPING FROM PIT FACE: water standing at surface from snow melt
ESTIMATED DEPTH TO MAX. 15"(EL. 35.0)
STANDING N/A

OBSERVATION 12-19-3

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER
PERC RATE: < 2 Min./Inch
DATE 12/27/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-3" (Pave), 3-16" (Gravel fill), 16-33" (B, Sand, 10 YR 5/6), 33-120" (C1, Sand, 2.5 Y 5/4).

WEEPING FROM PIT FACE: n/a
ESTIMATED DEPTH TO MAX. 120"(EL. 36.2)
STANDING N/A

OBSERVATION 12-19-4

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: P. BROGNER
PERC RATE: < 2 Min./Inch
DATE 12/27/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-3" (Pave), 3-16" (Gravel fill), 16-38" (B, Sand, 10 YR 5/6), 38-111" (C1, Sand, 2.5 Y 5/4).

WEEPING FROM PIT FACE: n/a
ESTIMATED DEPTH TO MAX. 111"(EL. 37.7)
STANDING N/A

OBSERVATION 1

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 02/05/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-8" (fill, Loom), 8-18" (E, S Loam-Loom), 18-28" (A, Loam-Silt Loam), 28-48" (C2, Sand).

WEEPING FROM PIT FACE: 18"
ESTIMATED DEPTH TO MAX. 8"(EL. 34.2)
STANDING N/A

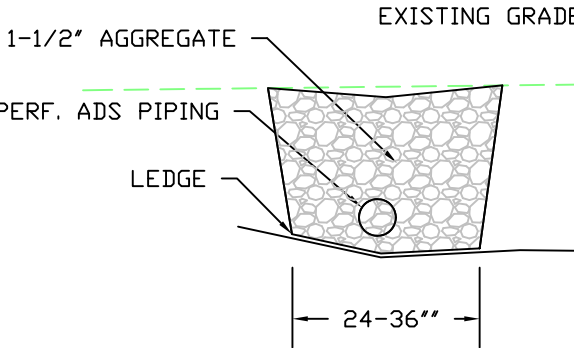
OBSERVATION 3-11-1

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 03/11/19

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-8" (A, Loom), 8-24" (B, S Loam-Loom), 24-56" (C1, S. Loam-Loom).

WEEPING FROM PIT FACE: 24"
ESTIMATED DEPTH TO MAX. 22"(EL. 35.4)
STANDING N/A



SUB-DRAIN DETAIL

OBSERVATION 6-18-1

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 06/18/21

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-10" (A, S Loam, 10 YR 3/2), 10-16" (E, Loam, 10 YR 7/1), 16-30" (Bw, L. Sand, 10 YR 4/4), 30-50" (C1g, L. Sand, 5 Y 5/2).

REFUSAL-LEDGE
WEEPING FROM PIT FACE: water standing at surface
ESTIMATED DEPTH TO MAX. 16"(EL. 34.5)
STANDING N/A

OBSERVATION 6-18-2

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 06/18/21

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-28" (A & fill, Sand), 28-72" (C1, Sand).

WEEPING FROM PIT FACE: 28"
ESTIMATED DEPTH TO MAX. 20"(EL. 35.3)
STANDING N/A

OBSERVATION 6-18-3

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 06/18/21

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-9" (A, sandy Loom), 9-23" (B, loamy Sand), 23-68" (C1, Sand).

Refusal - Ledge
WEEPING FROM PIT FACE: 53"
ESTIMATED DEPTH TO MAX. 52"(EL. 33.9)
STANDING N/A

OBSERVATION 6-18-4

PERFORMED BY: GARY D. JAMES, P.E.
WITNESSED BY: J. Chessia
PERC RATE:
DATE 06/18/21

DEEP OBSERVATION HOLE LOG

Table with columns: DEPTH FROM SURFACE (INCHES), SOIL HORIZONS, SOIL TEXTURES (USDA), SOIL COLOR (MUNSELL), SOIL MOTTLING, OTHER (STRUCTURES, CONSISTENCY & GRAVEL). Rows: 0-9" (A, sandy Loom), 9-23" (B, loamy Sand), 23-68" (C1, Sand).

Refusal - Ledge
WEEPING FROM PIT FACE: 48"
ESTIMATED DEPTH TO MAX. 48"(EL. 33.5)
STANDING N/A

APPROVED BY THE PLANNING BOARD

DATE APPROVED;

OWNER & APPLICANT

RYAN P. SILLERY
CITY POINT CAPITAL
300 A STREET
BOSTON, MA 02210
ASSESS PARCEL No. 64-0-14
DEED REFERENCE BK 48257, PG 341

Table with columns: NO., DATE, DESCRIPTION, BY. Rows: 1 04/21/21 Minor Revs. GDJ, 2 07/08/21 Response to Comments GDJ, 3 08/02/21 Labeled Property line GDJ, 4 08/23/21 Added sheet for fill GDJ.

SOIL LOGS

SITE PLAN PROPOSED DWELLING 220 Summer Street HINGHAM, MA 02043. SHEET NUMBER 8 OF 8. SCALE: 1"=20'. DATE: 03/15/21. EAST-SEPTIC.dwg. DRAWN: NLJ/ACAD. CHECKED: G.D.J.

