

DEEP TEST PIT DATA

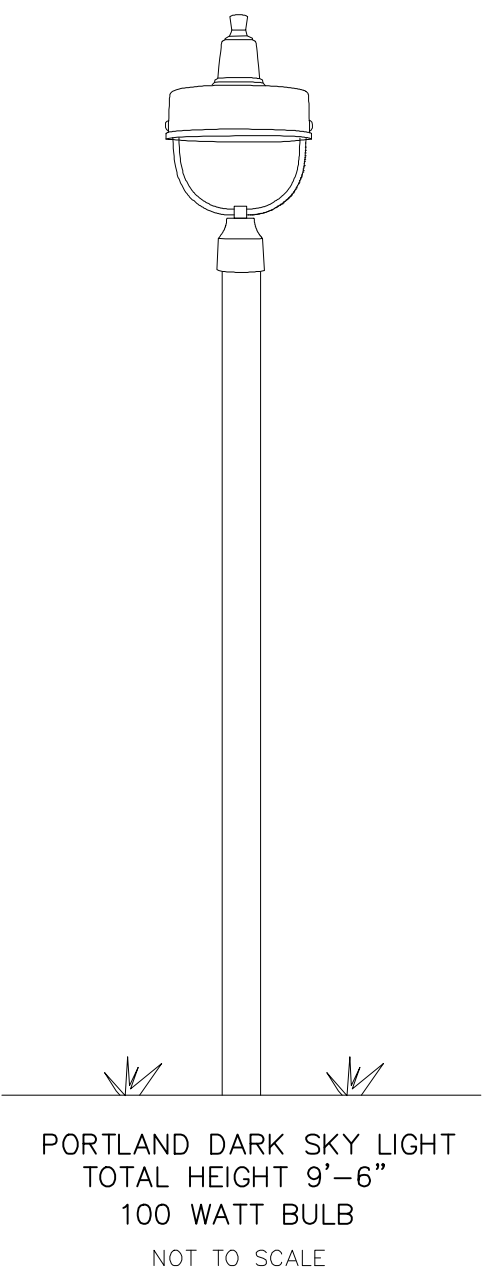
WITNESSED AND RECORDED BY JOSEPH BLANCHARD REHS/RS LEDGE LIGHT HEALTH DISTRICT AND RECEIVED ON JANUARY 19 & 22 2024.

<p>TP 1 0-7" TOPSOIL 7-36" YELLOW BROWN FINE SAND 36-58" YELLOW BROWN MEDIUM SAND AND GRAVEL 58-98" YELLOW BROWN FINE SAND WITH MINIMAL STAINING (NOT MOTTLING) NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 2 N. SIDE OF HOLE: 3-35" FILL MATERIAL, DARK BROWN MEDIUM LOAM WITH HUMAN DEBRIS S. SIDE HOLE 0-6" TOPSOIL 6-28" ORANGE BROWN MEDIUM SAND AND GRAVEL 28-37" TAN GRAY COARSE SAND AND GRAVEL WITH COBBLES 37-71" TAN YELLOW BROWN MEDIUM SAND AND GRAVEL 71-97" TAN YELLOW BROWN FINE SAND NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 3 0-4" TOPSOIL 4-57" YELLOW BROWN MEDIUM TO COARSE SAND AND GRAVEL WITH COBBLES 57-105" TAN YELLOW BROWN FINE SAND 64-77" SIGNIFICANT STAINING MOTTLING @ 64" NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 4 0-52" FILL MATERIAL DARK BROWN MEDIUM LOAM WITH HUMAN DEBRIS 52-94" TAN YELLOW BROWN FINE TO MEDIUM SAND WITH GRAVEL NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 5 0-3" TOPSOIL 3-42" TAN YELLOW BROWN MEDIUM SAND AND GRAVEL 42-94" TAN GRAY FINE SAND NO MOTTLING NO WATER NO LEDGE ROOTS TO: 70" NO RESTRICTIVE</p> <p>TP 6 0-3" TOPSOIL 3-22" ORANGE BROWN MEDIUM SAND 22-50" TAN YELLOW BROWN MEDIUM SAND AND GRAVEL 50-78" TAN YELLOW BROWN FINE SAND 78-102" TAN GRAY FINE SAND AND GRAVEL WITH COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 7 0-3" TOPSOIL 3-25" YELLOW BROWN VERY FINE SAND WITH MINIMAL SILT 25-42" YELLOW BROWN TAN COARSE SAND AND GRAVEL WITH COBBLES 42-72" TAN YELLOW BROWN FINE TO MEDIUM SAND 72-96" TAN YELLOW BROWN MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 49" NO RESTRICTIVE</p> <p>TP 8 0-4" TOPSOIL 4-13" ORANGE BROWN VERY FINE SANDY LOAM 13-112" LIGHT BROWN TAN MEDIUM TO COARSE SAND AND GRAVEL WITH COBBLES AND SOME LARGE ROCKS NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 9 0-3" TOPSOIL 3-27" ORANGE BROWN VERY FINE SANDY LOAM 27-78" OLIVE GRAY VERY FINE SANDY LOAM SOME SILT AND INCONSISTENT STAINING 78-104" GRAY MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 59" NO RESTRICTIVE</p> <p>TP 10 0-3" TOPSOIL 3-45" ORANGE BROWN VERY FINE SANDY LOAM SOME SILT 45-75" OLIVE GRAY VERY FINE SANDY LOAM SOME SILT 75-97" TAN GRAY FINE TO MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 75" NO RESTRICTIVE</p>	<p>TP 11 0-9" TOPSOIL 9-26" LIGHT BROWN FINE SANDY LOAM 26-43" YELLOW ORANGE BROWN VERY FINE SANDY LOAM SOME SILT 43-90" TAN OLIVE VERY FINE SANDY LOAM SOME SILT 90-102" TAN GRAY FINE SAND NO MOTTLING NO WATER NO LEDGE ROOTS TO: 62" NO RESTRICTIVE</p> <p>TP 12 0-8" TOPSOIL 8-36" ORANGE BROWN VERY FINE SANDY LOAM 36-69" OLIVE GRAY VERY FINE SANDY LOAM SOME SILT 69-98" GRAY TAN FINE TO MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 48" NO RESTRICTIVE</p> <p>TP 13 0-3" TOPSOIL 3-36" BRIGHT RED/ORANGE BROWN VERY FINE SANDY LOAM 36-48" OLIVE GRAY VERY FINE SANDY LOAM SOME SILT 48-110" TAN GRAY TAN MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 33" NO RESTRICTIVE</p> <p>TP 14 0-15" TOPSOIL AND FILL MIXTURE 15-35" BRIGHT RED/ORANGE BROWN VERY FINE SANDY LOAM 35-45" OLIVE GRAY VERY FINE SANDY LOAM SOME SILT 45-65" ORANGE BROWN VERY FINE SAND WITH SOME INCONSISTENT STAINING 64-94" YELLOW BROWN MEDIUM SAND AND GRAVEL WITH COBBLES NO MOTTLING NO WATER NO LEDGE ROOTS TO: 72" NO RESTRICTIVE</p> <p>TP 15 N. SIDE OF HOLE: 2-28" GRAY TAN VERY FINE SANDY LOAM 28-101" DARK GRAY OLIVE MEDIUM SAND AND GRAVEL S. SIDE OF HOLE: 0-16" TOPSOIL AND FILL MIXTURE 16-27" ORANGE BROWN VERY FINE SANDY LOAM WITH INCONSISTENT STAINING 27-43" OLIVE GRAY VERY FINE SILT LOAM NO MOTTLING NO WATER NO LEDGE ROOTS TO: 77" NO RESTRICTIVE</p> <p>TP 16 0-4" TOPSOIL 4-21" YELLOW BROWN VERY FINE SAND LOAM WITH SOME INCONSISTENT STAINING 21-30" OLIVE GRAY VERY FINE SILT LOAM 30-49" ORANGE BROWN FINE TO MEDIUM SAND NO MOTTLING NO WATER NO LEDGE RESTRICTIVE: 49" LEDGE</p> <p>TP 17 0-10" TOPSOIL 10-23" ORANGE BROWN FINE SANDY LOAM 23-91" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 42" NO RESTRICTIVE</p>	<p>TP 18 0-9" TOPSOIL 9-23" ORANGE BROWN FINE SANDY LOAM 23-92" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 19 0-6" TOPSOIL 6-45" ORANGE BROWN FINE SANDY LOAM 45-80" TAN GRAY VERY FINE SANDY LOAM SOME SILT STAINING 80-96" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL MOTTLING @ 67" NO WATER NO LEDGE ROOTS TO: 67" RESTRICTIVE: 67" MOTTLING</p> <p>TP 20 0-7" TOPSOIL 7-21" ORANGE BROWN FINE SANDY LOAM 21-101" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 51" NO RESTRICTIVE</p> <p>TP 21 0-7" TOPSOIL 7-32" ORANGE BROWN FINE SANDY LOAM 32-50" GRAY TAN VERY FINE SANDY LOAM 50-94" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 51" NO RESTRICTIVE</p> <p>TP 22 0-6" TOPSOIL 6-30" ORANGE BROWN FINE SANDY LOAM 30-50" TAN GRAY VERY FINE SANDY LOAM 50- " DARK BROWN GRAY NO MOTTLING NO WATER NO LEDGE ROOTS TO: 44" NO RESTRICTIVE</p> <p>TP 23 0-8" TOPSOIL 8-23" ORANGE BROWN FINE SANDY LOAM 23-43" YELLOW BROWN FINE SANDY LOAM 43-93" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 62" NO RESTRICTIVE</p> <p>TP 24 0-28" FILL MATERIAL 28-50" TAN GRAY MEDIUM SAND 50-100" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE ROOTS TO: 62" NO RESTRICTIVE</p>
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DEEP TEST PIT DATA

WITNESSED AND RECORDED BY JOSEPH BLANCHARD REHS/RS LEDGE LIGHT HEALTH DISTRICT AND RECEIVED ON 3/1/2024.

<p>TP 25 0-4" TOPSOIL 4-15" ORANGE BROWN FINE SANDY LOAM 15-55" TAN GRAY VERY FINE SAND, FAINT STAINING @45-55" 55-71" ORANGE BROWN TAN COARSE SAND AND GRAVEL 71-97" TAN GRAY FINE TO MEDIUM SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 27 0-3" TOPSOIL 3-10" ORANGE BROWN MEDIUM SANDY LOAM 10-95" TAN YELLOW BROWN MEDIUM TO COARSE SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 29 0-13" TOPSOIL 13-36" ORANGE BROWN FINE SANDY LOAM W/COBBLES 36-97" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 31 0-7" TOPSOIL 7-26" ORANGE BROWN FINE SANDY LOAM 26-49" TAN OLIVE GRAY VERY FINE SANDY LOAM 49-64" DARK GRAY FINE TO MEDIUM SAND SLIGHTLY COMPACT 64-109" DARK GRAY FINE TO MEDIUM SAND AND GRAVEL NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 33 0-6" TOPSOIL 6-20" YELLOW BROWN FINE SANDY LOAM 20-39" FINE SANDY LOAM, FAINT STAINING @ 39" 39-57" TAN MEDIUM SAND 57-94" DARK BROWN GRAY FINE TO MEDIUM SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p>	<p>TP 26 0-11" TOPSOIL 11-38" ORANGE BROWN VERY FINE SANDY LOAM 38-57" TAN GRAY VERY FINE SAND, FAINT STAINING 57-104" GRAY TAN FINE TO MEDIUM SAND W/COBBLES LARGE MOUND OF FILL ON TOP OF GRADE LOCATED ON NW SIDE OF HOLE NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 28 0-2" TOPSOIL 2-51" TAN GRAY COARSE SAND AND GRAVEL W/COBBLES 51-112" TAN GRAY FINE TO MEDIUM SAND, FAINT STAINING @55-64" NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 30 0-9" TOPSOIL 9-33" ORANGE BROWN FINE SANDY LOAM 33-96" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 32 0-6" TOPSOIL 6-21" ORANGE BROWN VERY FINE SANDY LOAM 21-32" YELLOW BROWN VERY FINE SANDY LOAM 32-53" TAN OLIVE GRAY VERY FINE SANDY LOAM 53-98" DARK BROWN GRAY FINE TO MEDIUM SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p> <p>TP 34 0-6" TOPSOIL 6-32" ORANGE BROWN FINE SANDY LOAM W/COBBLES 32-116" DARK BROWN GRAY FINE TO MEDIUM SAND AND GRAVEL W/COBBLES NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE</p>
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PERCOLATION TESTS PERFORMED ON FEBRUARY 8 AND FEBRUARY 12, 2024 BY DIETER & GARDNER, INC.

<p>PERC B DEPTH 30" TIME READING 10:52 4 3/4" 10:57 7 1/8" 11:02 8 1/2" 11:07 10" 11:12 11 1/2" 11:17 12 7/8" 11:22 13 3/4" 11:27 15 1/2" 11:32 16 1/2" 11:37 18" PERC RATE: 5 MINS/INCH</p> <p>PERC D DEPTH 30" TIME READING 1:28 4" 1:33 5 1/2" 1:38 6 1/2" 1:43 7 1/2" 1:48 8 1/2" 1:53 9 1/4" 1:58 10 1/4" 2:03 11 1/2" 2:08 12 1/2" 2:13 13 1/2" PERC RATE: 5 MINS/INCH</p> <p>PERC F DEPTH 30" TIME READING 1:35 13 1/4" 1:40 DRY PERC RATE: 1 MINS/INCH</p> <p>PERC H DEPTH 30" TIME READING 1:19 4 1/4" 1:24 11" 1:29 18 3/4" 1:34 23 1/2" 1:39 25 1/2" 1:44 DRY PERC RATE: 2.5 MINS/INCH</p> <p>PERC K DEPTH 30" TIME READING 12:22 5 3/4" 12:27 11 1/2" 12:32 15 1/4" 12:37 18 1/2" 12:42 20" 12:47 21 3/4" 12:52 23" 12:57 24 1/8" 1:02 25" 1:07 DRY PERC RATE: 7 MINS/INCH</p>	<p>PERC C DEPTH 30" TIME READING 10:54 5 1/4" 10:59 7" 11:04 9" 11:09 10 3/8" 11:14 12" 11:19 13 1/4" 11:24 14 7/8" 11:29 16 1/2" 11:34 18 1/4" 11:39 19 3/4" PERC RATE: 3 MINS/INCH</p> <p>PERC E DEPTH 30" TIME READING 11:06 8 5/8" 11:11 19 3/4" 11:16 DRY PERC RATE: 1 MINS/INCH</p> <p>PERC G DEPTH 30" TIME READING 11:43 3 3/4" 11:47 11 1/4" 11:53 15 1/2" 11:57 18 1/2" 12:03 20 3/4" 12:07 DRY PERC RATE: 2 MINS/INCH</p> <p>PERC I DEPTH 30" TIME READING 1:21 5 1/2" 1:26 11 1/2" 1:31 14 1/2" 1:36 17 1/2" 1:41 19 1/4" 1:46 21 1/4" 1:51 22 1/4" 1:56 23 3/4" 2:01 25" 2:06 26" PERC RATE: 5 MINS/INCH</p> <p>PERC L DEPTH 30" TIME READING 1:14 6 3/8" 1:19 10 1/2" 1:24 13 1/2" 1:29 16 1/4" 1:34 18 1/2" 1:39 20 1/4" 1:44 22" 1:49 23 1/2" 1:54 24 1/2" 1:59 DRY PERC RATE: 5 MINS/INCH</p>
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PERCOLATION TESTS PERFORMED ON MARCH 5, 2024 BY DIETER & GARDNER, INC.

<p>PERC M DEPTH 30" TIME READING 11:14 4 1/4" 11:19 12 1/2" 11:24 17" 11:29 21" 11:34 23" 11:39 24 1/2" 11:44 26" 11:49 27 1/2" 11:54 DRY PERC RATE: 3 MINS/INCH</p> <p>PERC O DEPTH 30" TIME READING 12:03 2 1/2" 12:08 8" 12:13 11 1/2" 12:18 18" 12:23 19 1/2" 12:28 22 3/4" 12:33 25 1/2" 12:38 26 1/2" 12:43 28" 12:48 DRY PERC RATE: 3 MINS/INCH</p>	<p>PERC N DEPTH 30" TIME READING 11:40 7" 11:45 17 1/4" 11:50 23 1/2" 11:55 26 1/2" 12:00 29" 12:05 DRY PERC RATE: 2 MINS/INCH</p>
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PERCOLATION TESTS PERFORMED ON MARCH 6, 2024 BY DIETER & GARDNER, INC.

<p>PERC P DEPTH 30" TIME READING 9:02 6 1/4" 9:07 15 1/2" 9:12 21" 9:17 24 1/2" 9:22 26 1/2" 9:27 28 1/4" 9:32 DRY PERC RATE: 2.5 MINS/INCH</p> <p>PERC R DEPTH 30" TIME READING 11:20 2 3/4" 11:25 9" 11:30 14" 11:35 16" 11:40 17 3/4" 11:45 19" 11:50 20 1/8" 11:55 21 1/2" 12:00 22 1/4" 12:05 23" PERC RATE: 7 MINS/INCH</p>	<p>PERC Q DEPTH 30" TIME READING 8:51 6" 8:56 13 3/4" 9:01 18 3/4" 9:06 19 1/2" 9:11 21 1/2" 9:16 23 1/2" 9:21 25" 9:26 26 1/2" 9:31 DRY PERC RATE: 3 MINS/INCH</p> <p>PERC S DEPTH 30" TIME READING 11:15 2 1/2" 11:20 10 1/2" 11:25 15 3/4" 11:30 18 3/4" 11:35 21 3/4" 11:40 23 7/8" 11:45 26" 11:50 DRY PERC RATE: 2 MINS/INCH</p>
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APPROVED BY THE LEDYARD PLANNING AND ZONING COMMISSION.

CHAIRMAN OR SECRETARY _____ DATE _____

EROSION AND SEDIMENT CONTROL PLAN CERTIFIED BY VOTE OF THE LEDYARD PLANNING AND ZONING COMMISSION ON _____ DATE _____

NO PERMIT NECESSARY. (NOT WITHIN A REGULATED AREA)

WETLANDS OFFICER _____ DATE _____

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PARK SIGN DETAIL
SIGN DIMENSIONS 42" x 30" AND MOUNTED ON 4" x 4" WOODEN POSTS

PLAN SHOWING
8-30g PLAN
DEEP TEST PIT DATA
AND
AND PERCOLATION TEST RESULTS
PROPERTY OF
DONCO, LLC
59 KINGS HIGHWAY
AND
CHRISTY HILL ROAD
LEDYARD, CONNECTICUT
MARCH 2024
REVISED: APRIL 8, 2024