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 TP 24 0-28" FILL MATERIAL 28-50" TAN GRAY MEDIUM SAND 50-100" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL Portland 17 1/2" High Dark Sky Pewter Finish Outdoor

Style # 8R096 **Post Light**

NOT TO SCALE

TP 9
0-3" TOPSOIL
3-27" ORANGE BROWN VERY HING
SANDY LOAM
27-78" OLIVE GRAY VERY FINE S.
LOAM SOME SILT AND
INCONSISTENT STAINING
78-104" GRAY MEDIUM SAND
AND GRAVEL

SAND

NO MOTTLING NO WATER NO LEDGE ROOTS TO: 59"

TP 10
0-3" TOPSOIL
3-45" ORANGE BROWN
SANDY LOAM S
45-75" OLIVE GRAY V
LOAM SOME SI
75-97" TAN GRAY FIN
SAND AND GR

ROWN VERY FINE AM SOME SILT AY VERY FINE SAND IE SILT Y FINE TO MEDIUM) GRAVEL

SANDY

NO MOTTLING NO WATER NO LEDGE ROOTS TO: 75" NO RESTRICTIVE

APPROVED BY

THE LEDYARD

PLANNING

AND

ZONING

COMMISSION

0N:

0R

DRAW PLAN PLAN IATURE

ING IS THE PROPERTY OF THE LAND SURVEYOR.
AND REPRODUCTIONS, ADDITIONS OR REVISIONS OF
ARE NOT VALID WITHOUT THE EMBOSSED SEAL AND
OF THE LAND SURVEYOR WHO PREPARED THIS PLAN.
JOB# 24-010.DWG FBK#335

DIETER
LAND SURVE GALES FERRY, CT. 06335 (860) 464-7455 EMAIL: DIETER.GARDNER@YAHOO.COM & GARDNER
:YORS • PLANNERS
ROUTE 12
. BOX 335

TP 33

O-6" TOPSOIL
6-20" YELLOW BROWN FINE SANDY LOAM
20-39" TAN OLIVE GRAY VERY
FINE SANDY LOAM, FAINT STAINING
@ 39"

39-57" GRAY TAN MEDIUM SAND
57-94" DARK BROWN GRAY FINE TO MEDIUM
SAND AND GRAVEL W/COBBLES
NO MOTTLING
NO WATER
NO LEDGE
NO RESTRICTIVE TP 31
0-7" TOPSOIL
7-26" ORANGE BROWN FINE SANDY LOAM
7-26" TAN OLIVE GRAY VERY
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 TP 27
0-3" TOPSOIL
3-10" ORANGE BROWN MEDIUM SANDY LOAM
10-95" TAN YELLOW BROWN MEDIUM
TO COARSE SAND AND GRAVEL ALL FREESTANDING AND BUILDING MOUNTED LIGHTING SHALL BE FULL AND NO LIGHT SHALL SHED ONTO ANY ADJACENT PROPERTY. TP 32
0-6" TOPSOIL
6-21" ORANGE BROWN VERY FINE SANDY LOAM
21-32" YELLOW BROWN VERY FINE
32-53" TAN OLIVE GRAY VERY FINE
SANDY LOAM
53-98" DARK BROWN GRAY FINE TO MEDIUM
SAND AND GRAVEL W/COBBLES TP 34
0-6" TOPSOIL
0-6" TOPSOIL
6-32" ORANGE BROWN FINE SANDY LOAM
6-32" ORANGE BROWN GRAY FINE TO MEDIUM
32-116" DARK BROWN GRAY FINE TO MEDIUM
SAND AND GRAVEL W/COBBLES 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 TP 28
0-2" TOPSOIL
2-51" TAN GRAY COARSE SAND ...
2-51" TAN GRAYEL W/COBBLES
51-112" TAN GRAY FINE TO MEDIUM
SAND, FAINT STAINING @55-64" NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE PORTLAND DARK SKY LIGHT TOTAL HEIGHT 9'-6" 100 WATT BULB TO SCALE

TESTS PERFORMED GARDNER, INC.

2024

7 MINS/INCH

RATE:

MINS/INCH

READING 5 3/4" 11 1/2" 15 1/4" 18 1/2" 20" 21 3/4" 24 1/8" DRY

PERC RATE:
PERC L
DEPTH 30"
TIME
1: 14
1: 19
1: 24
1: 29
1: 34
1: 39
1: 44
1: 39
1: 44
1: 59
1: 54

5 MINS/INCH

READING 6 3/8" 10 1/2" 13 1/2" 16 1/4" 18 1/2" 20 1/4" 22" 23 1/2" 24 1/2" DRY

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 TO FINE TO
MEDIUM SAND
72-96" TAN YELLOW BROWN MEDIUM
SAND AND GRAVEL

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 ROOTS TO: 66" NO RESTRICTIVE

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 49"
NO RESTRICTIVE

TP 8
0-4" TOPSOIL
4-13" ORANGE BROWN V
SANDY LOAM
13-112" LIGHT BROWN T/
COARSE SAND AN
WITH COBBLES AN
LARGE ROCKS

AND GRAVEL

AND SOME

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 62"
NO RESTRICTIVE

VERY FINE

NO MOTTLING NO WATER LEDGE: 49" ROOTS TO: 48" RESTRICTIVE: 49"

MOTTLING WATER LEDGE RESTRICTIVE

TP 17
0-10" TOPSOIL
10-23" ORANGE BROW
SANDY LOAM
23-91" DARK BROWN
TO COARSE S/

WN GRAY MEDIUM SAND AND GRAVEL

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 42"
NO RESTRICTIVE

TP 6
0-3" TOPSOIL
3-22" ORANGE BROWN MEDIUM SAND
3-22" ORANGE BROWN MEDIUM
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

TP 15

N. SIDE OF HOLE:
0-2" TOPSOIL
2-28" GRAY TAN VERY FINE
2-28" GRAY TAN VERY FINE
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: 44"

TP 22 0-6" TOPSOIL 6-30" ORANGE BROWN FINE SANDY LOAM 30-50" TAN GRAY VERY FINE SANDY LOAM 50- " DARK BROWN GRAY

0000

MOTTLING WATER LEDGE RESTRICTIVE

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 77"
NO RESTRICTIVE

TP 1
0-7" TOPSOIL
7-38" YELLOW BROWN FINE SAND
38-58" YELLOW BROWN MEDIUM
SAND AND GRAVEL
58-98" YELLOW BROWN FINE SAND WITH
MINIMAL STAINING (NOT MOTTLING)

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

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 50"

AND

DEEP TEST PIT DATA
/RS LEDGE LIGHT HEALTH

DISTRICT

9

TP 18 0-9" TOPSOIL 9-23" ORANGE BROWN FINE SANDY LOAM 23-92" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL

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

TP 26
0-11" TOPSOIL
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

PERC B
DEPTH 30"
TIME
10: 52
10: 57
11: 02
11: 12
11: 12
11: 17
11: 22
11: 27
11: 27
11: 32
11: 37

PERC C DEPTH 30" TIME 10: 54 10: 59 11: 04 11: 14 11: 19 11: 14 11: 24 11: 29 11: 34 11: 34

READING 5 1/4" 7" 9" 10 3/8" 12" 13 1/4" 14 7/8" 16 1/2" 18 1/4" 19 3/4"

5 MINS/INCH

PERC RATE:

JOSEPH BLANCHARD

TEST PIT DATA

LEDGE LIGHT HEALTH DISTRICT

AND

PERCOLATION BY DIETER &:

RY 8 AND

FEBRUARY 12,

2024

9

MARCH 6,

2024

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

TP 2 3—35" FILL MATERIAL, DARK BROWN MEDIUM LOAM WITH HUMAN DEBRIS

TP 12
0-8" TOPSOIL
8-36" ORANGE BROWN VERY FINE
8-36" OLIVE GRAY VERY FINE SAND'
10AM SOME SILT
69-98" GRAY TAN FINE TO MEDIUM
SAND AND GRAVEL

SANDY

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

TP 3
0-4" TOPSOIL
4-57" YELLOW BROWN MEDIUM TO COURSE SAND AND GRAVEL
WITH COBBLES
57-105" TAN YELLOW BROWN FINE S
64-77" SIGNIFICANT STAINING
MOTTLING @ 64"
NO WATER
NO LEDGE
NO RESTRICTIVE

SAND

NO MOTTLING NO WATER NO LEDGE ROOTS TO: 61"

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 33"
NO RESTRICTIVE

TP 13
0-3" TOPSOIL
3-36" BRIGHT RED/ORANGE BROWN
WERY FINE SANDY LOAM
36-48" OLIVE GRAY VERY FINE SAND'
LOAM SOME SILT
LOAM SOME TAN MEDIUM
SAND AND GRAVEL

TP 20 0-7" TOPSOIL 7-21" ORANGE BROWN FINE SANDY LOAM 21-101" DARK BROWN GRAY MEDIUM TO COARSE SAND AND GRAVEL

TP 29
0-13" TOPSOIL
13-36" ORANGE BROWN FINE SALL
W/COBBLES
36-97" DARK BROWN GRAY MEDIUM
TO COARSE SAND AND GRAVEL
W/COBBLES

SANDY LOAM

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

S. SIDE HOLE

0-6" TOPSOIL

6-28" ORANGE BROWN MEDIUM

6-28" ORANGE BROWN MEDIUM

SAND AND GRAY COURSE 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

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 48"
NO RESTRICTIVE

MOTTLING @ 67"
NO WATER
NO LEDGE
ROOTS TO: 67"
RESTRICTIVE: 67" MOTTLING

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

PERC D DEPTH 30" TIME 1: 28 1: 33 1: 38 1: 43 1: 48 1: 48 1: 53 1: 58 2: 03 2: 03 2: 03

PERC E DEPTH 30" TIME 11: 06 11: 11 11: 16 PERC RATE:

READING 8 5/8" 19 3/4" DRY

TP 4
0-52" FILL MATERIAL DARK BROWN
MEDIUM LOAM WITH HUMAN DEBRIS
52-94" TAN YELLOW BROWN FINE
TO MEDIUM SAND WITH GRAVEL

MOTTLING WATER LEDGE RESTRICTIVE

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: 51"

NO MOTTLING NO WATER NO LEDGE NO RESTRICTIVE

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

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: 72"
NO RESTRICTIVE

NO MOTTLING
NO WATER
NO LEDGE
ROOTS TO: 70"
NO RESTRICTIVE

PERCOLATION BY DIETER &

PERC O DEPTH 30" TIME 12: 03 12: 13 12: 18 12: 18 12: 23 12: 23 12: 23 12: 33 12: 33 12: 38 12: 43 PERC M DEPTH 30" TIME 11:14 11:19 11:24 11:29 11:34 11:34 11:39 11:44 11:39 11:44 3 MINS/INCH

READING 2 1/2" 8" 11 1/2" 18" 19 1/2" 22 3/4" 25 1/2" 26 1/2" DRY PERC N DEPTH 30" TIME 11: 40 11: 50 11: 50 12: 00 12: 05 READING 7" 17 1/4" 23 1/2" 26 1/2" 29" DRY MINS/INCH



)" AND MOUNTED (ON 4" x 4" WOODEN POSTS Manufactured Home Park

DEVELOPMENT STORMTECH PARCEL PERCOLATION DEEP CHRISTY AND APPLICANT/OWNER DONCO, TEST ID: MAINTENANCE DRAINAGE AND PER Z HILL N O HIGHWAY PIT LLC TEST C.G.S 1160 ROAD DATA

MANIFOLD TO DOWNSPOUTS OTH HOMES WILL HAVE ROOF DRAINAGE TO INFILTRATE 1" STORM NOTES:

1. PROVIDE STORMTECH CHAMBERS TO CAPTURE 1" RAINFALL FROM THE F.

2. KEEP ALL TRAFFIC OFF UNITS AFTER CONSTRUCTION.

3. INSTALL CHAMBERS IN ACCORDANCE WITH STORMTECH DESIGN MANUAL ROOF 66' x 14' = 924 Sq. Ft.

924 S.F. x 0.083 = 76.69 Cu. Ft.

WITH PERCOLATION RATES RECORDED, 1" STORM IS EASILY ADDRESSED.

4. PROVIDE LEAF SCREENS ON ALL GUTTERS. PERCOLATION TESTS PERFORMED O BY DIETER & GARDNER, INC. PERC P DEPTH 30" FOUNDATION TIME 9: 02 9: 07 9: 12 9: 17 9: 17 9: 22 9: 27 9: 32 PERC RATE: __ 10" (250 mm) INSPECTION PORT INLET DETAIL READING 2 3/4" 9" 14" 16" 17 3/4" 19" 20 1/8" 21 1/2" 22 1/4" 7 MINS/INCH READING 6 1/4" 15 1/2" 21" 24 1/2" 26 1/2" 28 1/4" DRY 2.5 MINS/INCH -OVERFLOW SPOUT SPREADER FLOW SPREADER TIE INTO STORMTECH SC-740 CHAMBER STORMTECH SC—74

STORMWATER CHAMBER

CROSS SECTIONAL V

(NOT TO SCALE) PERC S DEPTH 30" PERC Q DEPTH 30" TIME 8: 51 8: 56 9: 01 9: 06 9: 11 9: 16 9: 16 9: 21 9: 26 9: 31 PERC RATE: STORMIECH CHAMBERS CONCRETE COLLAR NOT REQUIRED FOR UNPAVED APPLICATIONS 17 (300 mm) NYLOPLAST UNIVERSAL INLINE DRAIN BOW/GRATED HINGED COVER PART# 2712ASB GRATED COVER: 1299CGS - 10" (250 mm) SDR35 PIPE 2 MINS/INCH 3 MINS/INCH READING
2 1/2"
10 1/2"
15 3/4"
18 3/4"
21 3/4"
23 7/8" READING 6" 13 3/4" 18 3/4" 19 1/2" 21 1/2" 21 1/2" 25" 26 1/2" DRY 45" g., THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DEWIND PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER OF THE PRODUCT OF THE PROPERTY OF THE PRODUCT OF THE PROPERTY OF T 4640 TRUEMAN BLVD HILLIARD, OH 43026 **///ADS**. INSPECTION PORT INLET
STORMTECH CHAMBER SYSTEM
DATE: 11/14/23 DRAWN: JLM
PROJECT #: CHECKED: CJD StormTech^c

PERC H DEPTH 30" TIME 1: 19 1: 24 1: 29 1: 34 1: 34 1: 39 1: 44 PERC RATE:

PERC | DEPTH 30" TIME 1: 21 1: 26 1: 31 1: 36 1: 41 1: 46 1: 51 1: 51 1: 56 2: 01

PERC RATE:

1 MINS/INCH

READING 13 1/4" DRY

PERC G DEPTH 30" TIME 11: 43 11: 47 11: 53 11: 57 12: 03 12: 07 PERC RATE:

STORMTECH CHAMBER MAINTENANCE SCHEDULE:
TWICE YEARLY, END OF MAY AND END OF NOVEMBER,
INSPECT AND CLEAN GUTTERS, CHECK STORMTECH
UNITS FOR STANDING WATER OR DEBRIS. IF DEBRIS
IS IN UNIT, REMOVE WITH A VACUUM TRUCK. SHOWING

DEVELOPMENT/AFFORDABLE MOBILE MANUFACTURED HOME DETAILS 800 HOUSING PARK 30g

MINS/INCH

RESULTS

LEDYARD, MARCH 2024
REVISED: JUNE 10, 2024
REVISED: JUNE 10, 2024 CONNECTICUT 00

SHEET 4 OF