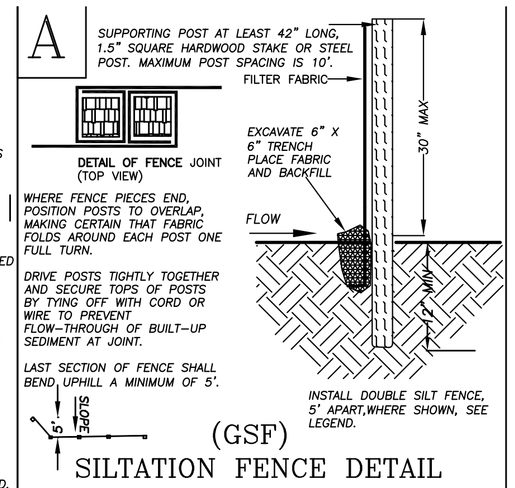
SEDIMENTATION AND EROSION CONTROL NOTES

1. NATURAL VEGETATION TO BE KEPT WHERE POSSIBLE; SEEDING, MULCHING, AND FINAL GRADING TO BE DONE AS SOON AS POSSIBLE.
2. ALL SEDIMENTATION AND EROSION CONTROL MEASURES WILL BE INSTALLED PRIOR TO ANY CONSTRUCTION, OR PRIOR TO ANY EQUIPMENT BROUGHT ONTO SITE.
3. ALL SEDIMENTATION AND EROSION CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL – 2002 EDITION.
4. ALL CONTROL STRUCTURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL THE SITE IS STABILIZED. ALL WORK SHALL BE PER THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL – 2002 EDITION.
5. SEDIMENT REMOVED FROM CONTROL STRUCTURES SHALL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THIS PLAN.
6. THIS PLAN INDICATES MINIMUM REQUIRED CONTROL STRUCTURES. ADDITIONAL CONTROL STRUCTURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF NECESSARY OR REQUIRED.
7. THE OWNER MUST TAKE RESPONSIBILITY FOR THE EROSION CONTROLS OR ASSIGN THE RESPONSIBILITY TO ANOTHER PARTY.

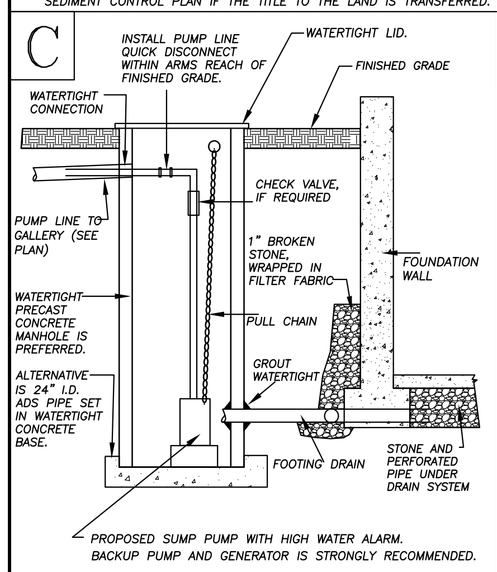
   THE RESPONSIBLE PARTY MUST IMPEMENT THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE CONSERVATION COMMISSION OFFICE OF ANY TRANSFER OF THIS RESPONSIBILITY, AND CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.

A



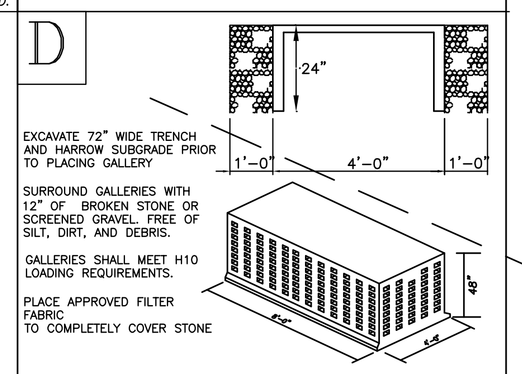
(GSF)
SILTATION FENCE DETAIL

C



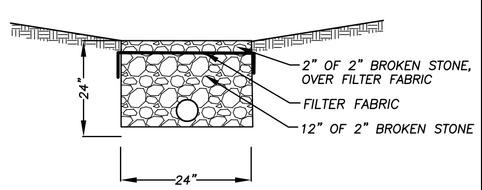
FOOTING DRAIN PUMP DETAIL

D



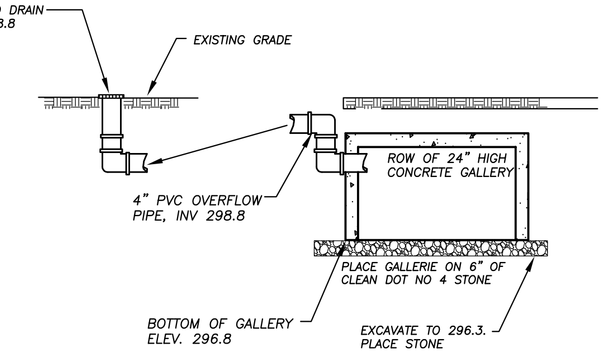
24" GALLERY IN GRADE
INSTALLATION DETAIL
DETENTION/GROUNDWATER RECHARGE SYSTEM ONLY

E



ROOF DRIP LINE
WATER COLLECTION TRENCH

F



INFILTRATOR OVERFLOW DETAIL

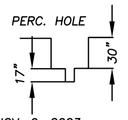
TEST HOLE DATA

DEEP TEST HOLES WERE PERFORMED BY PEAK ENGINEERS, LLC ON NOVEMBER 9, 2023.

TH A
0–6" TOPSOIL
6–30" MODERATELY COMPACT FILL, SILTY BROWN FINE SANDY LOAM
30–62" BRIGHT RED BROWN FINE SANDY LOAM, SOME BROKEN ROCK
62–78" RED BROWN FINE SANDY LOAM, LENSES OF TAN SAND
ROOTS TO 60"

PERCOLATION DATA

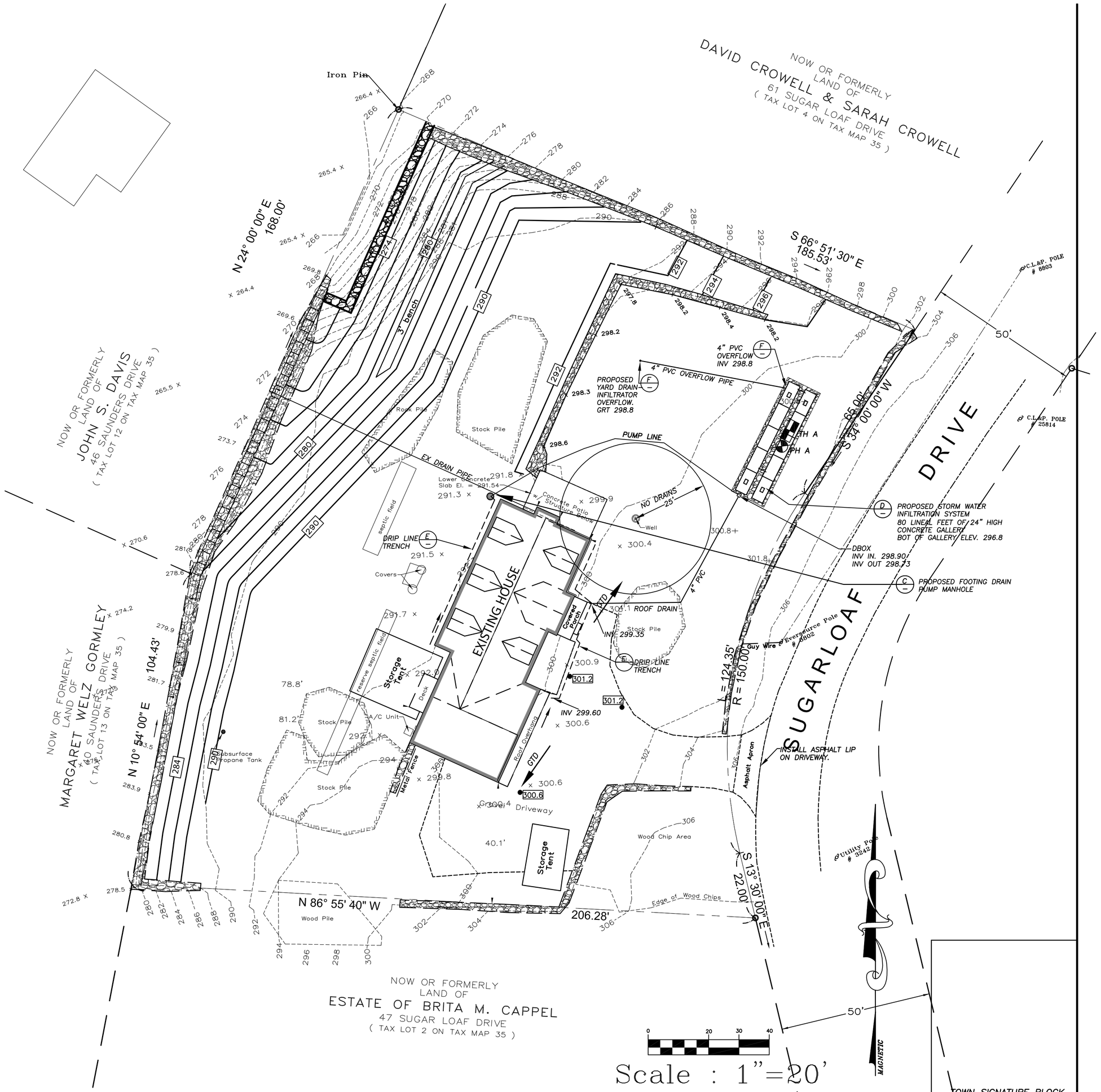
PERCOLATION TEST PERFORMED BY PEAK ENGINEERS, LLC



PH A 10" DIAMETER, 47" DEEP, DATE NOV. 9. 2023
PRESOAK 8:35, 8"

TIME	MEASURE	DROP	MIN ELAPSED	RATE
9:13	7 1/4"			
9:23	9 1/4"	2"	10	1"/5.0 MIN.
9:33	10 1/2"	1 1/4"	10	1"/8.0 MIN.
9:43	11 1/2"	1"	10	1"/10.0 MIN.
9:53	12 1/2"	1"	10	1"/10.0 MIN.
10:03	13 3/8"	7/8"	10	1"/11.4 MIN.

DESIGN INFILTRATION VELOCITY 2.63"/HR (F.S. 2.0)



LEGEND

102 EXISTING CONTOUR
51 PROPOSED CONTOUR
102 +100.2 EXISTING SPOT ELEVATION
100.9 51 PROPOSED SPOT ELEVATION
PH A PERCOLATION HOLE
TH 1 DEEP TEST HOLE
STONE WALL EXISTING
GTD GRADE TO DRAIN
FD FOOTING DRAIN
RD ROOF DRAIN
EXISTING SEPTIC FIELD
RESERVE SEPTIC FIELD
DRAINAGE INFILTRATION

LEGEND

102 EXISTING CONTOUR
290 PROPOSED CONTOUR

PLAN NOTES

NOTE 1: PURPOSE

THE PURPOSE OF THIS PLAN IS TO INDICATE PROPOSED RANGE OF FINISHED GRADES.

NOTE 2: SOURCE OF INFORMATION

ALL BASE INFORMATION TAKEN FROM A DIGITAL FILE PREPARED BY AND PROVIDED BY ENVIRONMENTAL LAND SOLUTIONS, LLC. RECIVED AUGUST 31, 2023.

PEAK ENGINEERS, LLC TAKES NO RESPONSIBILITY TO ANY DAMAGE CAUSED TO THE STRUCTURE OR SUPPORTING MEMBERS AS RELATED TO ANY TEMPORARY REPAIR OR FIX TO THE DRAINAGE SYSTEM.

FB
FB
FILE: 2011 TOPO.DWG
DRAWING #08312023
DWN BY: TS
DATE: AUGUST 31, 2023
REV: OCT 31, 2023
REV: NOVEMBER 17, 2023

Thomas S. Quinn, P.E. 17051
THIS PRINT IS INVALID WITHOUT LIVE RED SEAL AND EMBOSSED SEAL

Peak Engineers, LLC
PROVIDING CIVIL ENGINEERING SERVICES
Site, Septic, and Drainage, Feasibility and Design
4 Old Mill Road, Redding, CT
Mail: PO BOX 312, Georgetown, CT 06829
Tel 203-834-0588 Email: TQuinn@PeakEngineersLLC.com

PREPARED FOR
Robert Lupinski
53 Sugar Loaf Drive
Wilton, CT 06897

PROJECT LOCATION
53 Sugar Loaf Drive
Wilton, CT 06897
Assessors Map 35, Lot 3. 1.0021 acres

TITLE
2023 Proposed
FOOTING DRAIN INFILTRATION SYSTEM
DP-1