

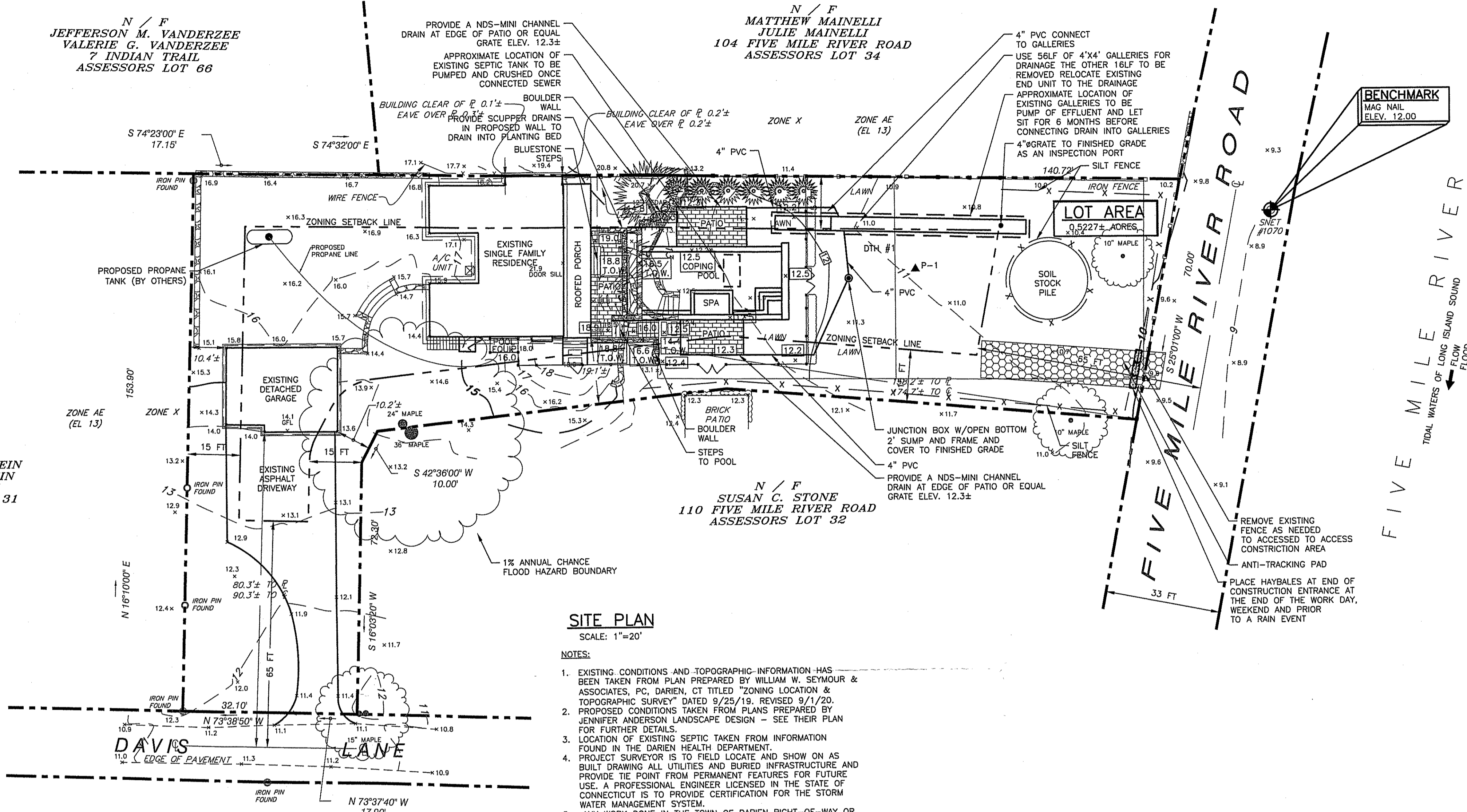


N / F  
JEFFERSON M. VANDERZEE  
VALERIE G. VANDERZEE  
7 INDIAN TRAIL  
ASSESSORS LOT 66

N / F  
MATTHEW MAINELLI  
JULIE MAINELLI  
104 FIVE MILE RIVER ROAD  
ASSESSORS LOT 34

N / F  
ELIZABETH S. KLEIN  
MICHAEL F. KLEIN  
6 DAVIS LANE  
ASSESSORS LOT 31

N / F  
SUSAN C. STONE  
110 FIVE MILE RIVER ROAD  
ASSESSORS LOT 32

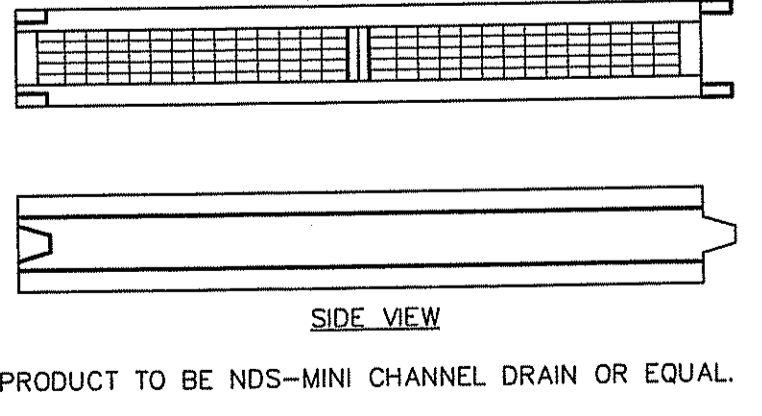


**SITE PLAN**  
SCALE: 1"=20'

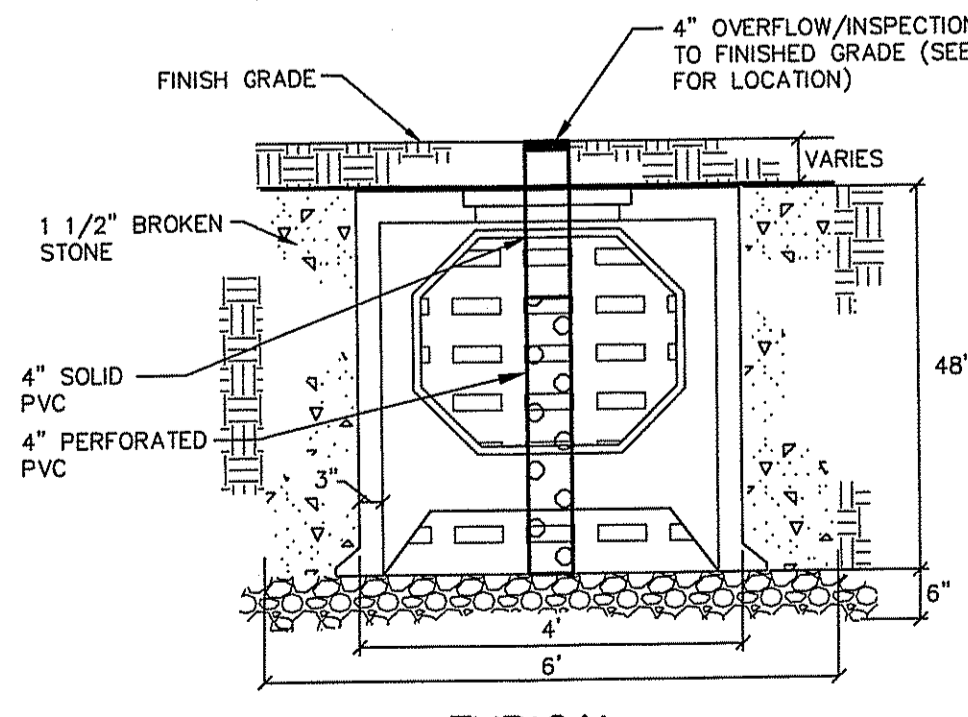
- NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION HAS BEEN TAKEN FROM PLAN PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES, P.C., DARIEN, CT TITLED "ZONING LOCATION & TOPOGRAPHIC SURVEY" DATED 9/25/19, REVISED 9/1/20.
  - PROPOSED CONDITIONS TAKEN FROM PLANS PREPARED BY JENNIFER ANDERSON LANDSCAPE DESIGN - SEE THEIR PLAN FOR FURTHER DETAILS.
  - LOCATION OF EXISTING SEPTIC TAKEN FROM INFORMATION FOUND IN THE DARIEN HEALTH DEPARTMENT.
  - PROJECT SURVEYOR IS TO FIELD LOCATE AND SHOW ON AS BUILT DRAWING ALL UTILITIES AND BURIED INFRASTRUCTURE AND PROVIDE THE POINT FROM PERMANENT FEATURES FOR FUTURE USE. A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT IS TO PROVIDE CERTIFICATION FOR THE STORM WATER MANAGEMENT SYSTEM.
  - ANY WORK DONE IN THE TOWN OF DARIEN RIGHT-OF-WAY OR STREET WILL REQUIRE A ROAD OPENING PERMIT FROM DPW.
  - CONNECTION TO THE SANITARY SEWER WILL REQUIRE A PERMIT FROM DPW.
  - INSTALLATION OF ROAD CURBS CUT WILL REQUIRE A PERMIT FROM DPW.
  - NO BELGUM BLOCKS ARE PERMITTED WITHIN ONE FOOT OF THE EDGE OF THE ROAD.

**NOTES PER PLANNING & ZONING**

- APPROVAL BY THE PLANNING & ZONING COMMISSION OF THIS SITE PLAN NOT BE DEEMED TO CONSTITUTE OR BE EVIDENCE OF AN ACCEPTANCE BY THE TOWN OF ANY RESPONSIBILITY OF LIABILITY WHATSOEVER FOR THE EFFECTS OF DRAINAGE OR OTHER FACTORS FROM DEVELOPMENT OF THIS SITE ON OTHER PROPERTIES.
- MAINTENANCE OF ALL ON-SITE DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- ALL DEVELOPMENT ACTIVITIES TO BE UNDERTAKEN WITHIN STREET RIGHT-OF-WAY AND OTHER PUBLIC LANDS SHALL COMPLY FULLY WITH TOWN STANDARDS UNLESS AN APPROVED DEVIATION IS SPECIFICALLY SET FORTH AS PART OF THIS APPLICATION.
- THE DRAINAGE STRUCTURES AND PROPOSALS INCLUDED IN THIS DEVELOPMENT PROPOSAL WERE DESIGNED BY DIVESTA CIVIL ENGINEERING ASSOCIATES, INC. USING THE BEST ENGINEERING PRACTICES AND WILL NOT PRODUCE ANY NEGATIVE RESULTS FROM STORM RUNOFF ON THIS PROPERTY OR ADJACENT PROPERTIES.

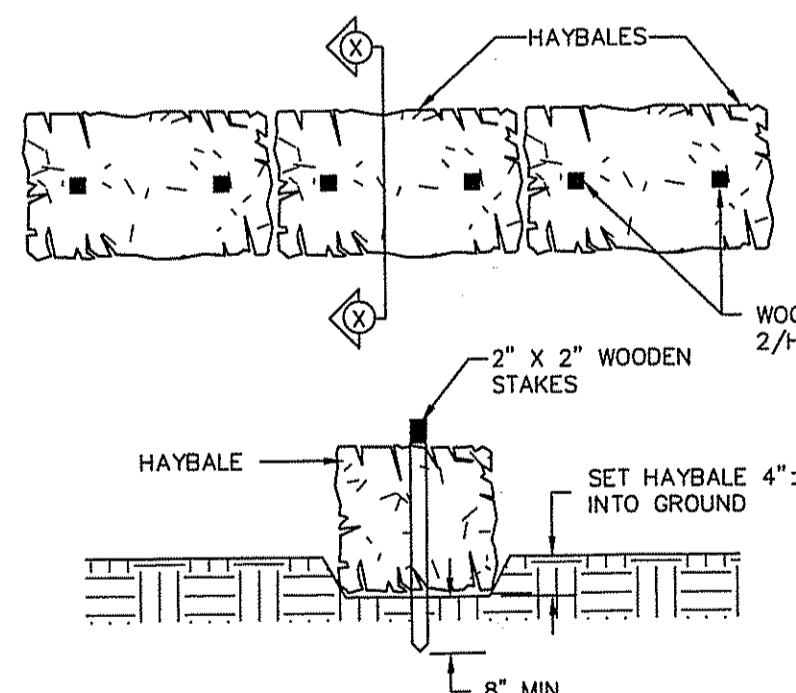


**TYPICAL CHANNEL DETAIL**  
N.T.S.

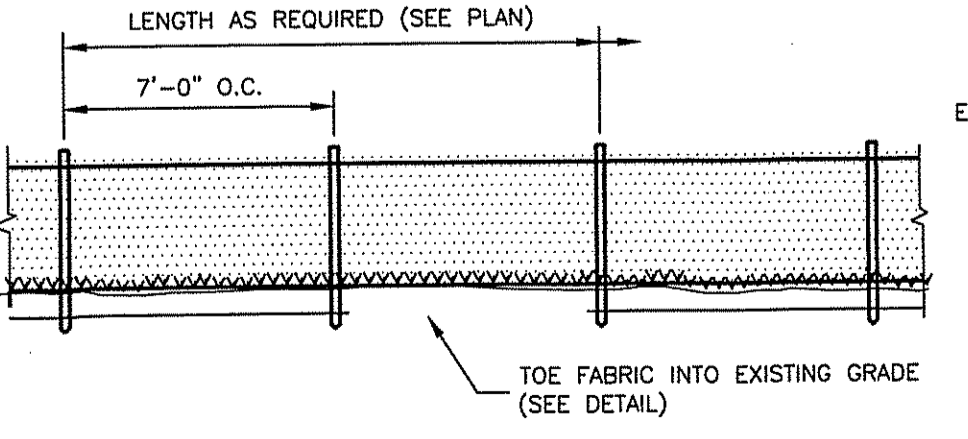


**TYPICAL 12" HIGH PRE-CAST GALLERY**  
N.T.S.

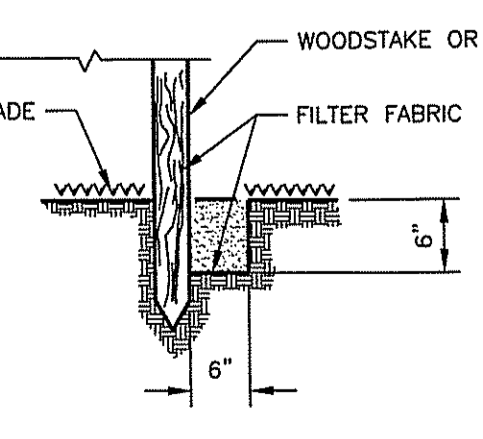
- NOTE:**
- GALLERIES IN REAR YARD TO BE STANDARD LOADING.
  - GALLERIES IN FRONT YARD TO BE H20 LOADING.



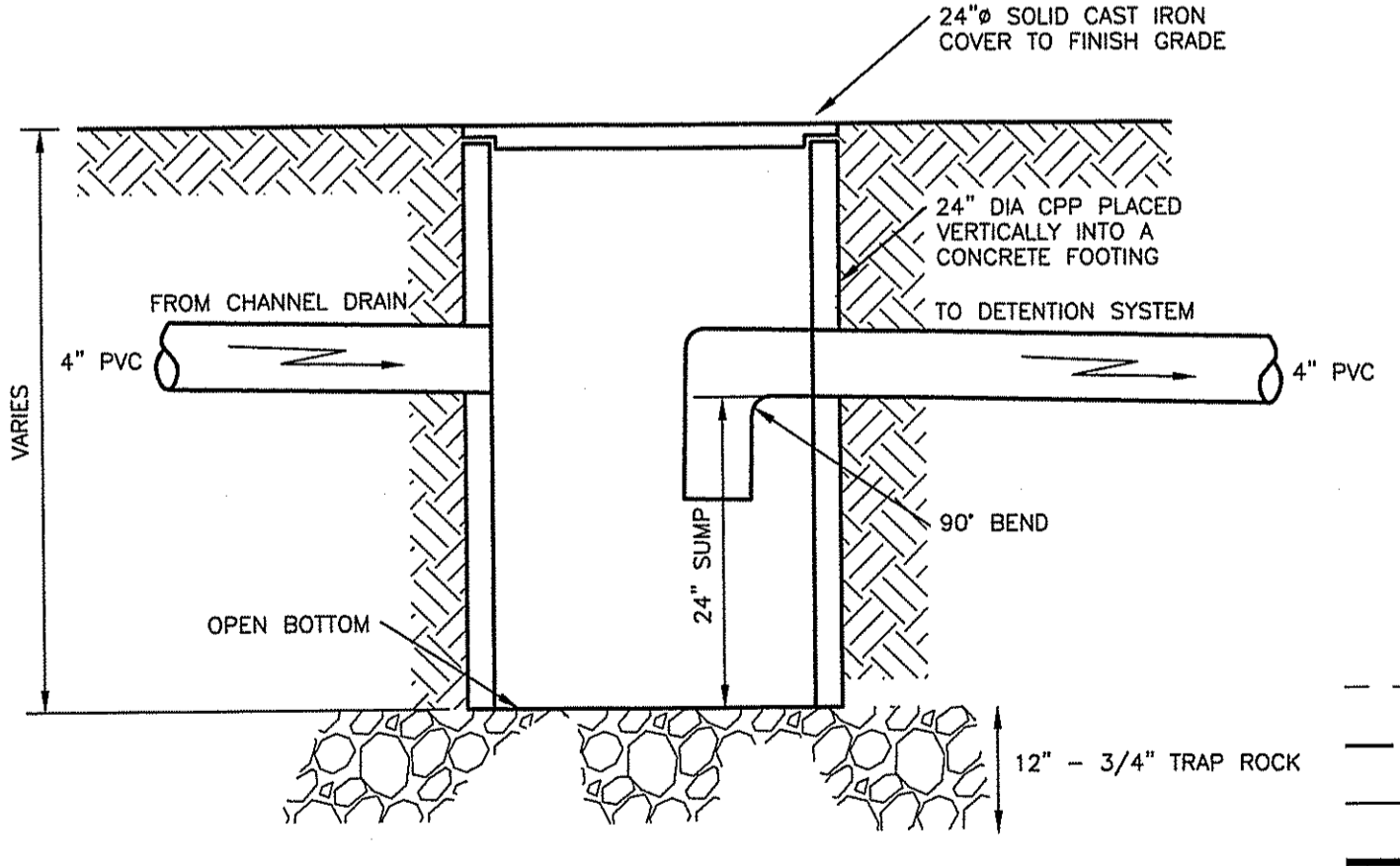
**HAYBALE DETAIL**  
SCALE 1/2"=1'-0"



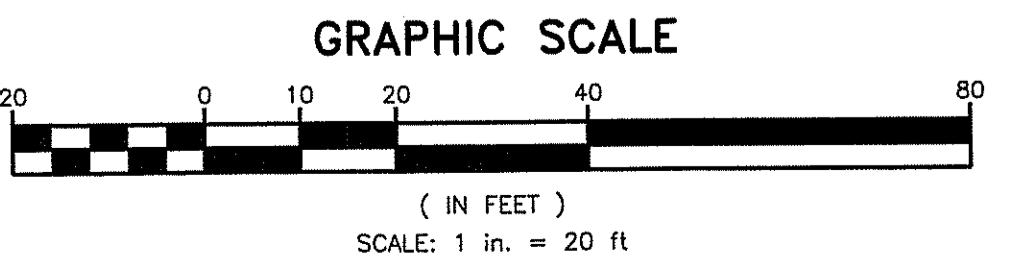
**SILTATION FENCE DETAIL**  
N.T.S.



**TOE IN DETAIL**



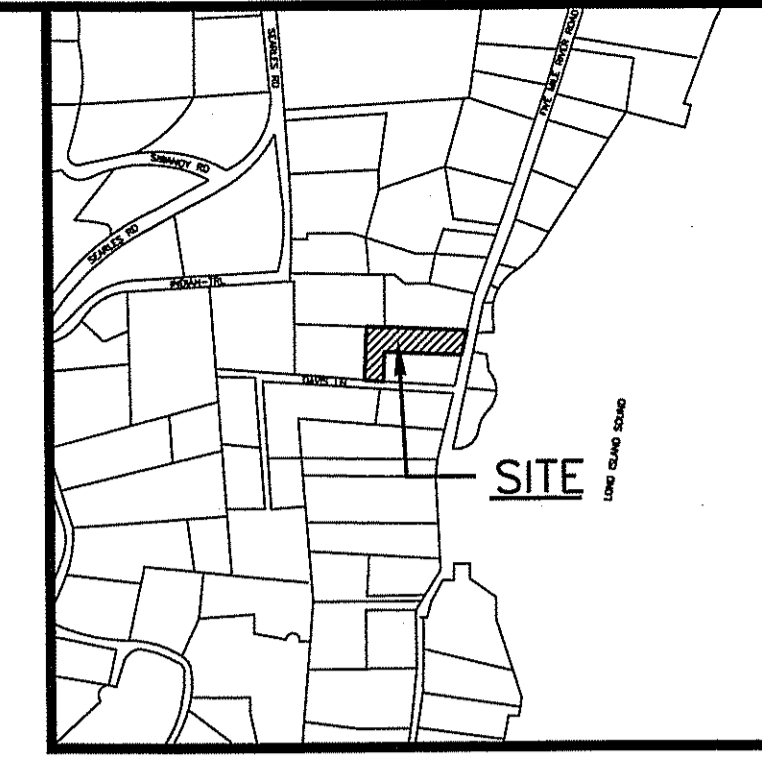
**JUNCTION BOX**  
N.T.S.



**GRAPHIC SCALE**  
( IN FEET )  
SCALE: 1 in. = 20 ft

**DEEP TEST HOLES LOG**

DATE 09/21/20  
DEEP TEST HOLE #1  
0' - 5" TOPSOIL  
5' - 34" RED BROWN SILTY LOAM  
34" - 87" TAN SANDY GRAV EL MOD COMP  
NO LEDGE  
NO GROUNDWATER  
NO MOTTLING  
ROOTS TO 6"  
DEEP TEST HOLE #2 (IN PERC HOLE)  
0' - 4" TOPSOIL  
4' - 16" RED BROWN SILTY LOAM  
16' - 30" TAN SANDY GRAVEL  
NO LEDGE  
NO GROUNDWATER  
NO MOTTLING  
ROOTS TO 4"



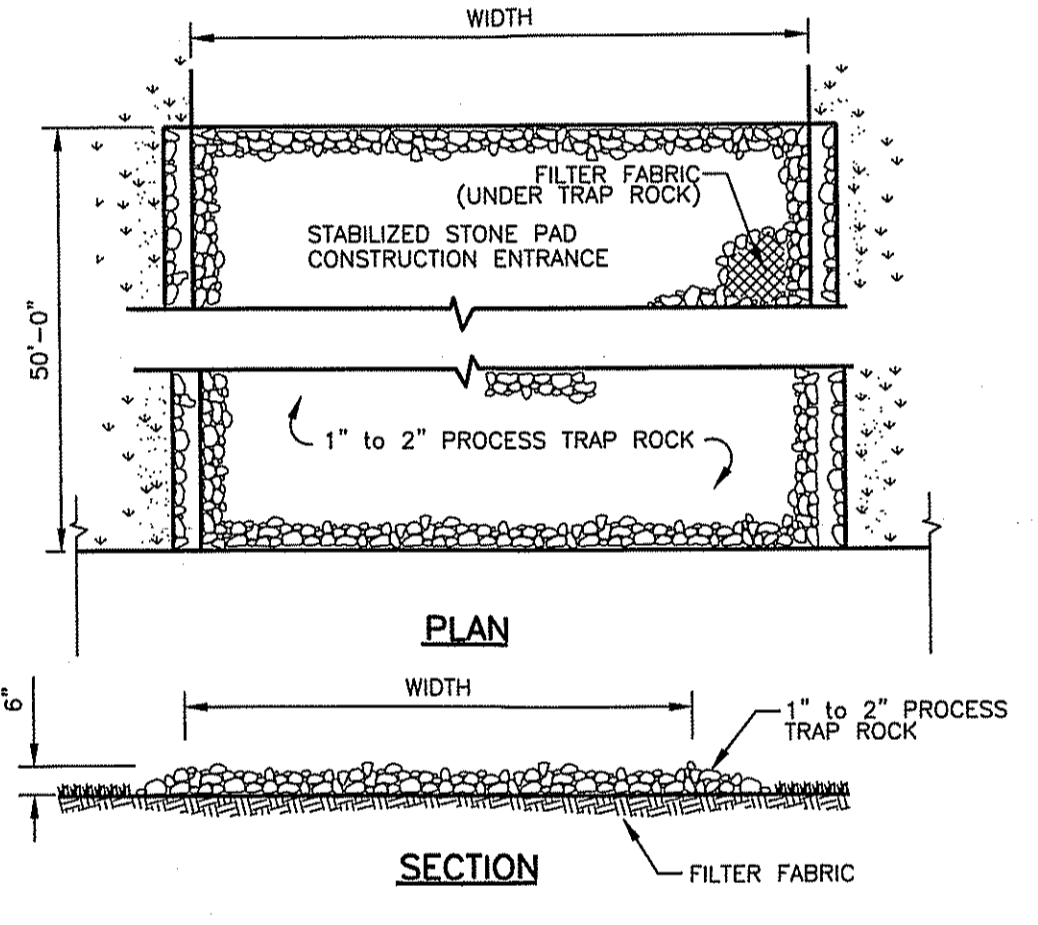
**LOCATION MAP**  
SCALE: 1"=600'

**PERCOLATION TEST HOLES LOG**

DATE 09/21/20  
PERC HOLE P-1  
DEPTH: 30 INCHES DIAMETER: 8.0 INCHES  
HEAD: 12 INCHES PRESOAK: NA A.M.

TIME	DEPTH (INCHES)	DROP (INCHES)	INTERVAL (MINUTES)	RATE (MIN./INCH)
9:30	8.63			
9:35	17.38	8.75	5.00	0.57
9:45	20.25	2.88	10.00	3.48
9:52	21.15	0.88	7.00	8.00
9:58	22.25	1.13	6.00	5.33
10:05	22.88	0.63	7.00	11.20
10:10	23.25	0.38	5.00	13.33

FINAL PERCOLATION RATE: 13.33 MIN/INCH



**ANTI-TRACKING PAD DETAIL**  
N.T.S.

**RECEIVED**

SEP 24 2020  
TOWN OF DARIEN  
PLANNING & ZONING

**LEGEND**

- - - - - 11 - - - - - EXISTING CONTOURS
- - - - - 15 - - - - - EXISTING CONTOURS
- - - - - 12 - - - - - PROPOSED CONTOURS
- - - - - PROPERTY LINE
- - - - - BUILDING SETBACK LINE
- - - - - FLOOD HAZARD LINE
- DTH# - - - - - DEEP TEST HOLES
- P-# - - - - - PERCOLATION TEST HOLE

**IMPORTANT NOTE:**

Additional underground utilities may exist. Prior to any excavation or construction, contact:  
"CALL BEFORE YOU DIG"  
1-800-922-4455

NO.	DATE	REV. BY	DESCRIPTION	ISSUE / REVISION
1	09/24/20	SDI	FOR SUBMISSION TO P & Z	

**Divesta**  
Civil Engineering Associates, Inc.  
54 Painter Ridge Road  
Roxbury, Connecticut 06783  
Phone 860-354-4226 Fax 860-354-4226  
E-mail dceainc@charter.net

**PROJECT TITLE:**  
**STONE RESIDENCE**  
108 FIVE MILE RIVER ROAD  
DARIEN, CONNECTICUT  
**PROPOSED SITE DEVELOPMENT PLAN**

**STAMP:**  
STATE OF CONNECTICUT  
DIVESTA CIVIL ENGINEERING ASSOCIATES, INC.  
18837  
PROFESSIONAL ENGINEER  
NOT VALID WITHOUT ORIGINAL SEAL AND SIGNATURE  
DRAWING NO. 20-058  
APPROVED BY: DD  
DRAWN BY: SDI  
SCALE: 1"=20'  
DRAWING DATE: 09/24/20  
SHEET NO. 1 OF 1