

5 STURBRIDGE AVENUE  
44/B/075  
ZONE R-20  
THOMAS J PODGORSKI

7 STURBRIDGE AVENUE  
44/B/076  
ZONE R-20  
JOHN P KURBEC JR  
AND  
SANDRA J KURBEC

9 STURBRIDGE AVENUE  
44/B/077  
ZONE R-20  
SHANE A BURT  
AND  
MELISSA S BURT

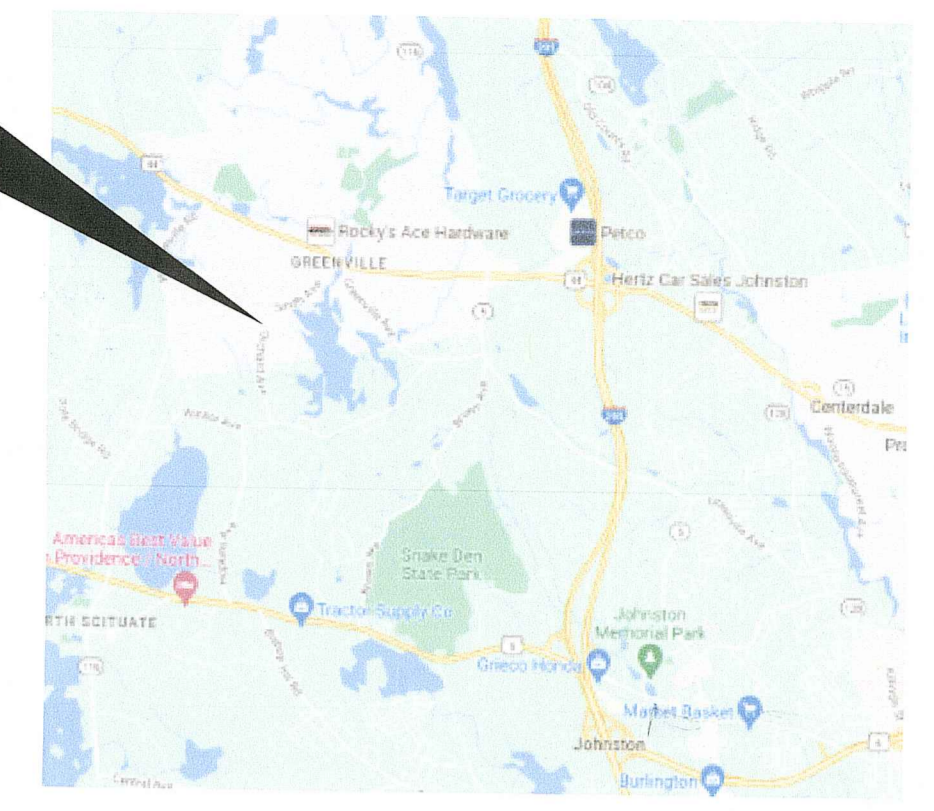
4 CALDERWOOD AVENUE  
44/B/072  
ZONE R-20  
MAUREEN A CIVITO  
LIVING TRUST

8 CALDERWOOD AVENUE  
44/B/062  
ZONE R-20  
NF DANIEL CALABRO  
AND  
RITA M CALABRO

20 GREENBRIAR ROAD  
44/B/039  
ZONE R-20  
PETER COLETTI  
AND  
DORIS M COLETTI

5 CALDERWOOD AVENUE  
44/B/064  
ZONE R-20  
PATRICK G REDDY  
AND  
JOAN FTE REDDY

### PROJECT



LOCUS MAP

### GENERAL NOTES:

- NORTH DIRECTION SHOWN IS APPROXIMATE.
- ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY DIG SAFE AT LEAST 72 HOURS IN ADVANCE, EXCLUDING WEEKENDS AND HOLIDAYS, PRIOR TO ANY EXCAVATION.
- DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSION AND STATIONING SHALL PREVAIL.
- THE CONTRACTOR SHALL RESTORE ALL PUBLIC AND PRIVATE PROPERTY TO ITS PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO THE RESPECTIVE UTILITY COMPANY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.
- ALL STRUCTURE AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. IN
- THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES, BUSHES, PLANTS, FLOWERS, STONEWALLS, FENCES, ETC. WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED. CONTRACTOR SHALL REPLACE AT NO COST TO OWNER, ALL DAMAGED ITEMS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR WORK IN ROADWAYS. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO ALL PERMITS AS AN INTEGRAL PART OF HIS WORK.
- WHEN EARTHWORK CONSTRUCTION ACTIVITY IN AN AREA IS COMPLETE, IMMEDIATELY STABILIZE THE AREA WITH A SUITABLE SURFACE AS DESCRIBED.
- INSTALL EROSION CONTROLS PRIOR TO COMMENCEMENT OF THE EARTHWORK OPERATIONS. INSPECT EROSION CONTROLS IMMEDIATELY AFTER EACH STORM AND REMOVE ACCUMULATED SEDIMENT AS REQUIRED. REPLACE DAMAGED EROSION CONTROLS AS REQUIRED.
- SEDIMENT AND EROSION CONTROL MATERIALS SHALL BE INSTALLED PRIOR TO ANY FURTHER CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOTIFY THE AGENT THAT MATERIALS ARE READY FOR INSPECTION.
- CONSTRUCTION SHALL BE OUTSIDE THE BUFFER ZONES OF ALL WETLAND RESOURCE AREAS.

### NOTES:

- EXISTING PAVED TENNIS COURT/GRAVEL BASE SHALL BE REMOVED AND DISPOSED OF LEGALLY PER TOWN AND STATE REQUIREMENTS.
- SCREENED LOAM MEETING RIDOT SPECIFICATION SEC. M.18.01 SHALL BE PLACED IN TENNIS COURT AREA AFTER DEMOLITION IN A THICKNESS NOT LESS THAN 4". AREA SHALL BE GRADED SO AS TO LIMIT PONDING AND CONCENTRATED STORMWATER RUNOFF.
- ALL AREAS DISTURBED AND NOT OTHERWISE DESIGNATED FOR IMPERMEABLE SURFACE TREATMENT SHALL BE PLANTED WITH RESIDENTIAL SEED MIX MATCHING RIDOT SPECIFICATION M.18.10.4 RESIDENTIAL SEED MIX.
- ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL SUCH TIME THAT PLANTED AREAS SHOW VEGETATIVE GROWTH AND STABLE ROOTING.

### STORMWATER RECHARGE NOTES:

- THERE ARE NO PUBLIC OR PRIVATE DRINKING WATER WELLS WITHIN 400 FT OF THE PROPOSED RECHARGE SYSTEMS.
- THERE ARE NO ON SITE WASTEWATER TREATMENT SYSTEMS WITHIN 15 FT OF THE PROPOSED WATER RECHARGE SYSTEMS.
- THERE ARE NO SURFACE WATER FEATURES WITHIN 50 FT OF PROPOSED STORMWATER RECHARGE SYSTEMS
- DEPTH TO SEASONAL HIGH GROUNDWATER TABLE IS > 7'
- INSITU MATERIAL HAS A 10 MINUTE PERCOLATION RATE PER HISTORICAL TEST PITS.

### STORMWATER RECHARGE NOTES:

- A SINGLE ROW OF WHITE PINE (pinus strobus), PLANTED 15' ON CENTER AND 15' FROM THE RIVERS EDGE SHALL BE PROVIDED. PLANTINGS MUST BE 4' TO 5' TALL AT TIME OF PLANTING.
- IMMEDIATELY PRIOR TO COMMENCEMENT OF RESTORATION A CONTINUOUS UNINTERRUPTED LINE OF STAKED HAY HAY BALES OR SILT FENCE SHALL BE INSTALLED BETWEEN THE UNDISTURBED WETLAND AND RESTORATION AREA.
- ALL DISTURBED AREAS SHALL BE LOAMED, 4" MINIMUM, SEEDED WITH WILDLIFE CONSERVATION GRASS SEED MIXTURE AND COVERED WITH LOOSE STRAW OR JUTE MESH.
- UPON STABILIZATION OF ALL DISTURBED AREAS ALL EROSION CONTROLS MUST BE REMOVED FROM FRESHWATER WETLAND. PRIOR TO REMOVAL OF THE CONTROLS ALL ACCUMULATED SEDIMENT SHALL BE REMOVED TO SUITABLE UPLAND LOCATION.
- THE CREATED 15' BUFFER MUST BE ALLOWED TO NATURALLY REVEGETATE, FREE FROM LANDSCAPING, MOWING, OR PRUNING. WEED CONTROL MATERIALS OF ANY TYPE SUCH AS MULCH, GRAVEL, STONE OR FABRICS ARE NOT ALLOWED WITHIN THE 15' BUFFER.

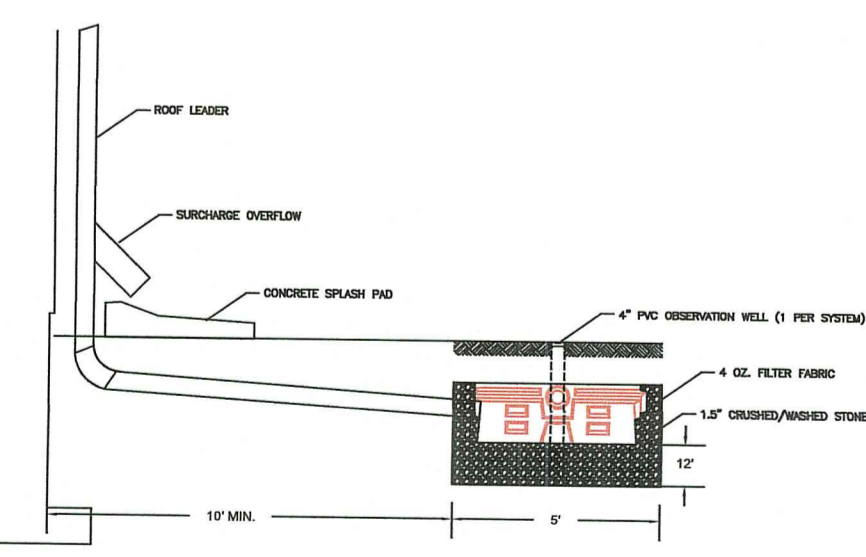
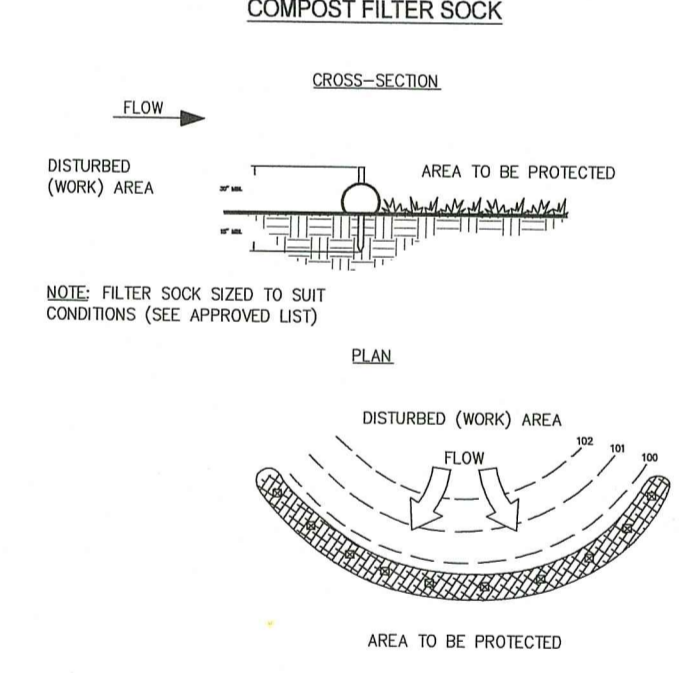
### DIMENSIONAL REGULATIONS:

LOT ZONE	R80
MINIMUM LOT AREA	20,000 SF
MINIMUM LOT FRONTAGE	125 FT
MINIMUM LOT WIDTH	125 FT
MAXIMUM LOT COVERAGE	25%
MAXIMUM BLDG HEIGHT	39 FT
PROPOSED IMPERVIOUS AREA	4,280 SF
PROPOSED IMPERVIOUS AREA	21.4% < 25%

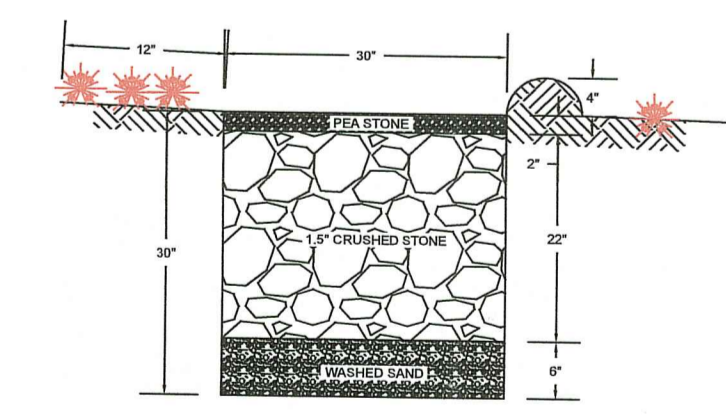
### MINIMUM STRUCTURE SETBACKS:

FRONT YARD	30 FT
SIDE YARD	15 FT
REAR YARD	30 FT

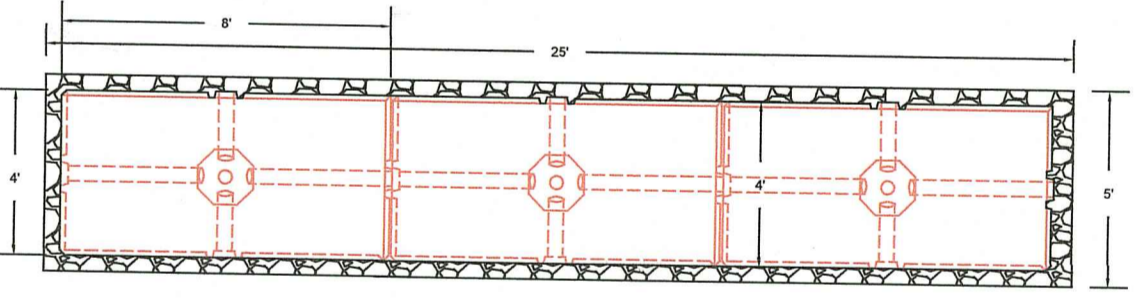
### EROSION AND SEDIMENT CONTROL



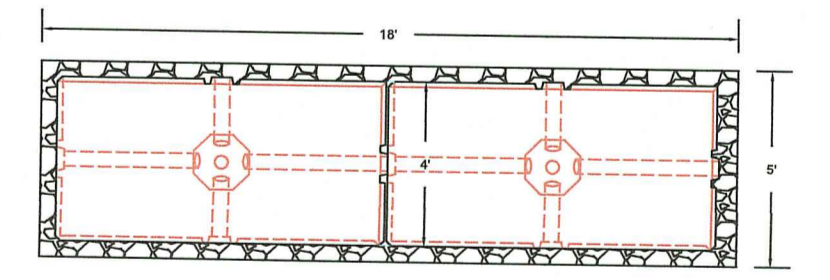
ROOF DRAIN DETAIL



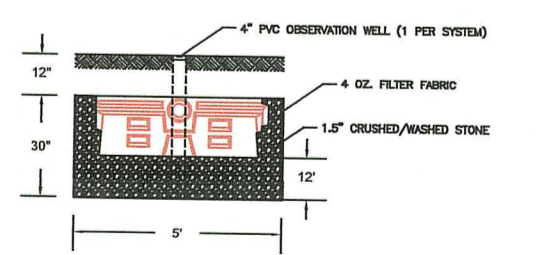
DRIVEWAY INFILTRATION TRENCH



3 CHAMBER SYSTEM (1 EACH)



2 CHAMBER SYSTEM (3 EACH)

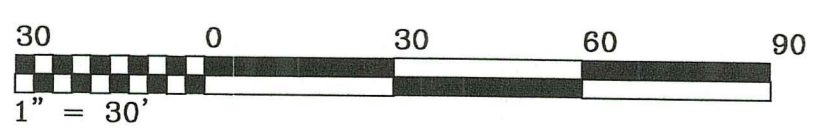


CHAMBER SYSTEM PROFILE

ROOF DRAIN RECHARGE SYSTEM

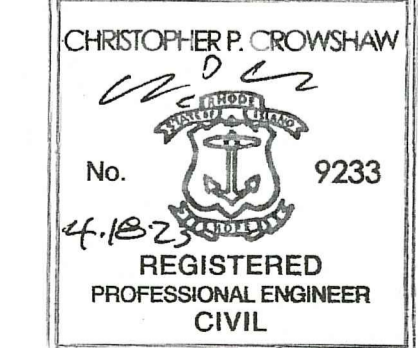
LIMIT OF DISTURBANCE	---
EROSION CONTROL	---o---o---o---
CHAIN LINK FENCE	---x---x---x---
EXISTING CONTOUR	---226---
PROPOSED CONTOUR	---229---
SPOT GRADES	+

### SITE PLAN



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS  
SPECIFIED IN THE LETTER OF APPROVAL  
DATED: JUN 21 2023 FILE #: 23-0061  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

### SILT FENCE



**C.P. CROWSHAW**  
ENGINEERING & CONSULTING  
WAKEFIELD, RI (401) 439-2201

TITLE: **SITE PLAN**  
PROJECT LOCATION: **ASSESSORS PLAT 44B LOT 063  
6 CALDERWOOD AVENUE  
SMITHFIELD, RI 02917**

REVISIONS:	
STORMWATER RECHARGE SYSTEM	FEBRUARY 18, 2023
PER RIDEM REVIEW COMMENTS	APRIL 6, 2023
PER REVIEW OWNER COMMENTS	APRIL 24, 2023

OWNER: **Albert & Maureen Romano  
4 Calderwood Avenue  
Smithfield, RI 02917**

DATE: **JANUARY 10, 2023**

REVISION: **AS NOTED**

SCALE: **AS NOTED**

