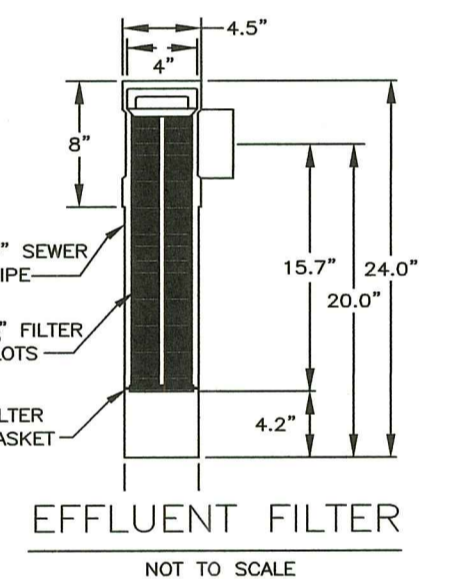


**LEGEND**

- LOT LINE
- ABUTTER LINE
- EXISTING CONTOUR
- TEST HOLE
- EXISTING STONEWALL
- PROPOSED SPOT GRADE
- PROPOSED DRAIN LINE
- PROPOSED SEWER LINE
- PROPOSED WATER SERVICE
- WETLAND FLAG

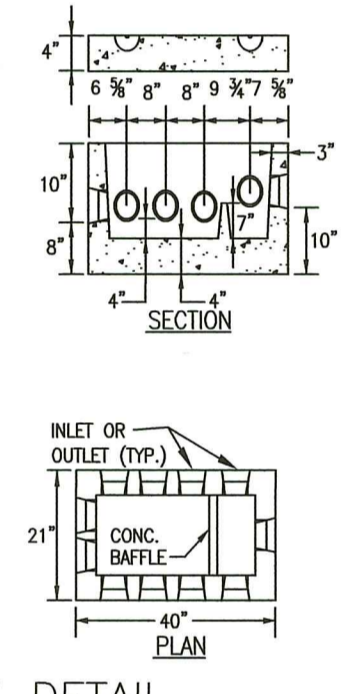
**APPROX. APPROXIMATE**

- B.S. BASEMENT SLAB
- B.H. BULK HEAD
- CB CATCH BASIN
- EL./ELEV. ELEVATION
- EX. EXISTING
- F.F. FINAL FLOOR
- G. GALLON
- G.S. GARAGE SLAB
- GSF GEOTEXTILE SAND FILTER
- MAX. MAXIMUM
- MIN. MINIMUM
- PRO. PROPOSED
- T.O.F. TOP OF FOUNDATION
- W.O. WALKOUT



**DISTRIBUTION BOX NOTES:**

- D-BOX SHALL BE CONSTRUCTED OF 4,000 PSI (MIN) CONCRETE, BE CAPABLE OF WITHSTANDING H-20 LOADINGS & A TOP LOAD CARRYING CAPACITY OF 300 LBS/ SQ. INCH.
- INLET SHALL ACCEPT 4\"/>

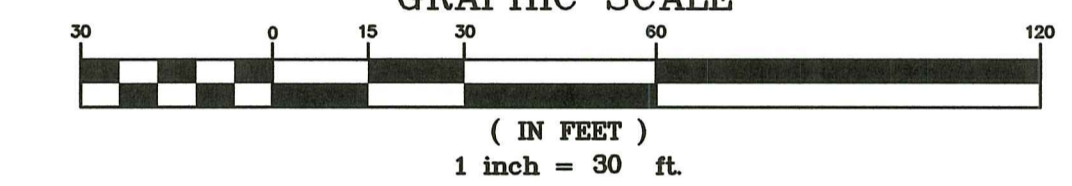


**GRADING & DRAINAGE NOTES:**

- CONTRACTOR TO FINE GRADE LOT IN ACCORDANCE WITH STATE OF RHODE ISLAND ONE AND TWO FAMILY DWELLING CODE. LOT SHALL BE GRADED SO THAT ADDITIONAL ACCUMULATION OF SURFACE WATER DOES NOT OCCUR ACROSS ADJOINING PROPERTY. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER POINT OF COLLECTION SO AS NOT TO CREATE A HAZARD. LOTS SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6\"/>

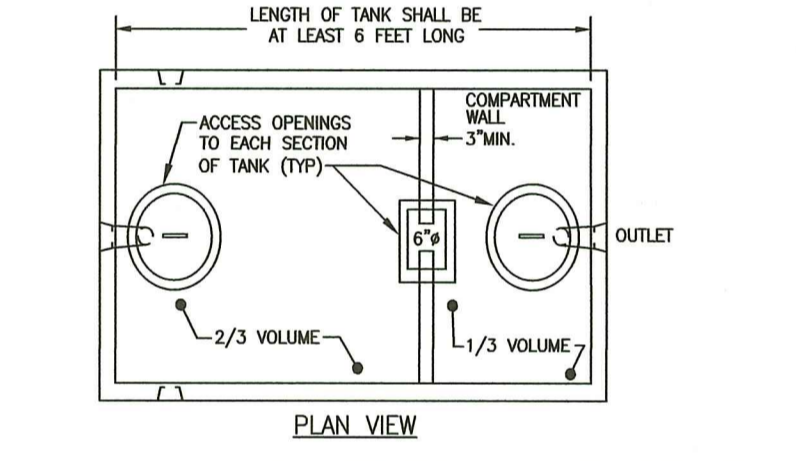
**OWNER'S NOTES:**

- FOOD/GARBAGE GRINDERS ARE PROHIBITED FROM BEING CONNECTED TO THE SEPTIC SYSTEM.
- VEHICLE PARKING OR TRAFFIC OVER THE SEPTIC TANK IS PROHIBITED.
- BACKWASH WATER FROM WATER TREATMENT SYSTEMS (IF INSTALLED) SHALL NOT BE DISCHARGED INTO THE SEPTIC SYSTEM.
- SEPTIC TANKS SHALL BE PUMPED OUT EVERY 24 MONTHS AND EFFLUENT FILTERS WASHED ANNUALLY UNLESS MORE FREQUENT MAINTENANCE IS DETERMINED TO BE REQUIRED BY OPERATION AND MAINTENANCE PROVIDER OF THE OWTS SYSTEM.
- ONLY WASTEWATER AS DEFINED IN THE RIDEM OWTS REGULATIONS IS ALLOWED TO BE DISCHARGED INTO THE SEPTIC SYSTEM. ABSOLUTELY NO CHEMICALS, OILS, FATS, GREASE, OR PAINTS ARE ALLOWED. THIS IS NOT A GARBAGE DISPOSAL SYSTEM.
- NO TREES OR LARGE SHRUBS SHALL BE PLANTED WITHIN 10 FEET OF THE LEACHFIELD.
- NO SUBSURFACE DRAINS OR SUBORRANS SHALL BE INSTALLED WITHIN 50 FEET OF THE OWTS UNLESS IN ACCORDANCE WITH OWTS REGULATIONS.
- THE DESIGN INTENT IS TO MEET THE STATE STANDARDS. THE SYSTEM OPERATION IS DEPENDENT ON PROPER USAGE, AND IT'S OPERATION IS NOT GUARANTEED BY THIS PLAN.



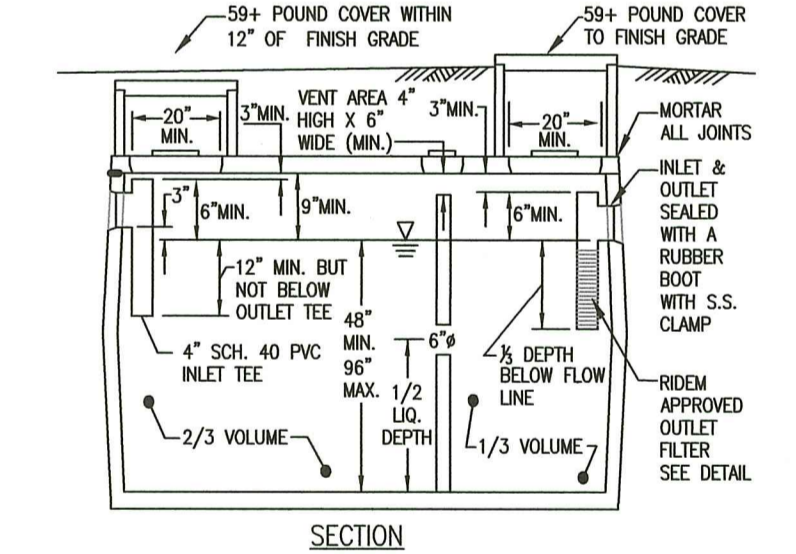
**CONTRACTOR'S NOTES - CONSTRUCTION:**

- NOTIFY ENGINEER 5 DAYS PRIOR TO START OF CONSTRUCTION.
- PRODUCT AND MATERIAL SPECIFICATION SHEETS FOR ALL COMPONENTS SHALL BE PROVIDED TO ENGINEER PRIOR TO ENGINEER NOTIFYING RIDEM FOR START OF CONSTRUCTION. THIS INCLUDES: 1) SEPTIC TANK; 2) D-BOX; 3) SEPTIC GRAVEL SIEVE ANALYSIS (IF SPECIFIED); 4) FILTER FABRIC; 5) ASTM C-33 SAND SIEVE ANALYSIS.
- SURVEYOR TO STAKE OUT LEACHFIELD CORNERS FOR REVIEW AND APPROVAL BY ENGINEER.
- ENGINEER TO APPROVE BOTTOM OF LEACHFIELD BED PRIOR TO PLACEMENT OF SAND.
- SCAFFRY LEACHFIELD BOTTOM IMMEDIATELY PRIOR TO PLACEMENT OF SAND, NOT THE DAY BEFORE.
- ENGINEER TO INSPECT SEPTIC TANK PRIOR TO BACKFILLING. CONTRACTOR SHALL PROVIDE VACUUM TEST REPORT FROM TANK MANUFACTURER.
- ENGINEER TO INSPECT COMPLETED SYSTEM PRIOR TO BACKFILLING. FINE GRADE LEACHFIELD AND SEPTIC TANK AREA SO RUNOFF DOES NOT FLOW ONTO AREA FROM UPLAND AREAS DURING & AFTER CONSTRUCTION.
- ALL CONCRETE RISER SECTIONS SHALL BE MORTARED/SEALED WATER TIGHT TO TANK.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN FIELD AND DESIGN DATA SHOWN HEREON TO BE REPORTED TO THE ENGINEER.
- ANY DAMAGE OR DISTURBANCE OF LAND DUE TO CONSTRUCTION ACTIVITIES TO ADJUTING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR.



**SEPTIC TANK NOTES:**

- SEPTIC TANK SHALL BE WATER TIGHT AND CONSTRUCTED OF PRECAST REINFORCED CONCRETE.
- PRECAST REINFORCED CONCRETE TANKS SHALL CONFORM WITH ASTM C-1227-02, LATEST EDITION.
- TANKS SHALL BE PERMANENTLY MARKED AT THE INLET END OF THE TANK WITH DATE OF MANUFACTURE, NAME OF MANUFACTURER, CAPACITY, AN EXTERNAL LOADS FOR WHICH TANK IS DESIGNED TO RESIST.
- A WARNING LABEL AT ALL OPENINGS SHALL BE PROVIDED WHICH READS "ENTRANCE INTO THE TANK COULD BE FATAL".
- TANK SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- TANK SHALL BE INSTALLED ON A LEVEL, STABLE BASE THAT WILL NOT SETTLE.
- SURFACE WATER SHALL BE DIVERTED AWAY FROM THE TANK OPENINGS.
- TANK SHALL NOT BE DAMAGED DURING BACKFILLING. BACKFILL MATERIAL SHALL BE FREE OF LARGE STONES, STUMPS, WASTE, CONSTRUCTION MATERIAL, RUBBISH, ORGANIC MATERIAL, AND FROZEN SOILS.
- TANK AND RISERS SHALL BE TESTED FOR WATER TIGHTNESS BY EITHER VACUUM TESTING OR WATER PRESSURE TEST AS SPECIFIED IN THE "RULES". CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION THAT THE TEST PASSED PRIOR TO C.O.C.
- JOINTS OF ALL CONCRETE TANKS SHALL BE SEALED WITH A 1\"/>



SEPTIC TANK DETAIL NOT TO SCALE

**SEPTIC GRAVEL SPECIFICATION:**

GRAVEL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 3\"/>

UP TO 10% MAY BE SIZED BETWEEN 3/4\"/>

SHALL MEET THE FOLLOWING:

SEIVE SIZE	% PASSING	SEIVE SIZE	% PASSING
3/4"	100% (see above)	#40	10%-50%
#4	55%-100%	#100	0%-20%
#10	40%-100%	#200	0%-2%

**ASTM C-33 SAND SPECIFICATION:**

SEIVE SIZE	% PASSING	SEIVE SIZE	% PASSING
3/8"	100%	#30	25%-35%
#4	95%-100%	#50	5%-35%
#8	80%-100%	#100	0%-10%
#16	50%-85%	#200	0%-5%

**TEST HOLE DATA:**

TH 07-1A

DEPTH	SOIL CAT.
0\"/>	

TH 07-1B

DEPTH	SOIL CAT.
0\"/>	

**LEACHFIELD SIZING CALCULATIONS:**

FLOW TO LEACHFIELD = 115 GAL/BEDROOM/DAY x 4 BEDROOMS = 460 GAL/DAY

LOADING RATE = 0.61 GAL/SF/DAY (BOTTOM OF SYSTEM IN CAT. 6 SOIL)

SQUARE FEET REQ'D. = 460 / 0.61 = 754 SF.

USE ELIEN GSF = 28 SF. PER UNIT

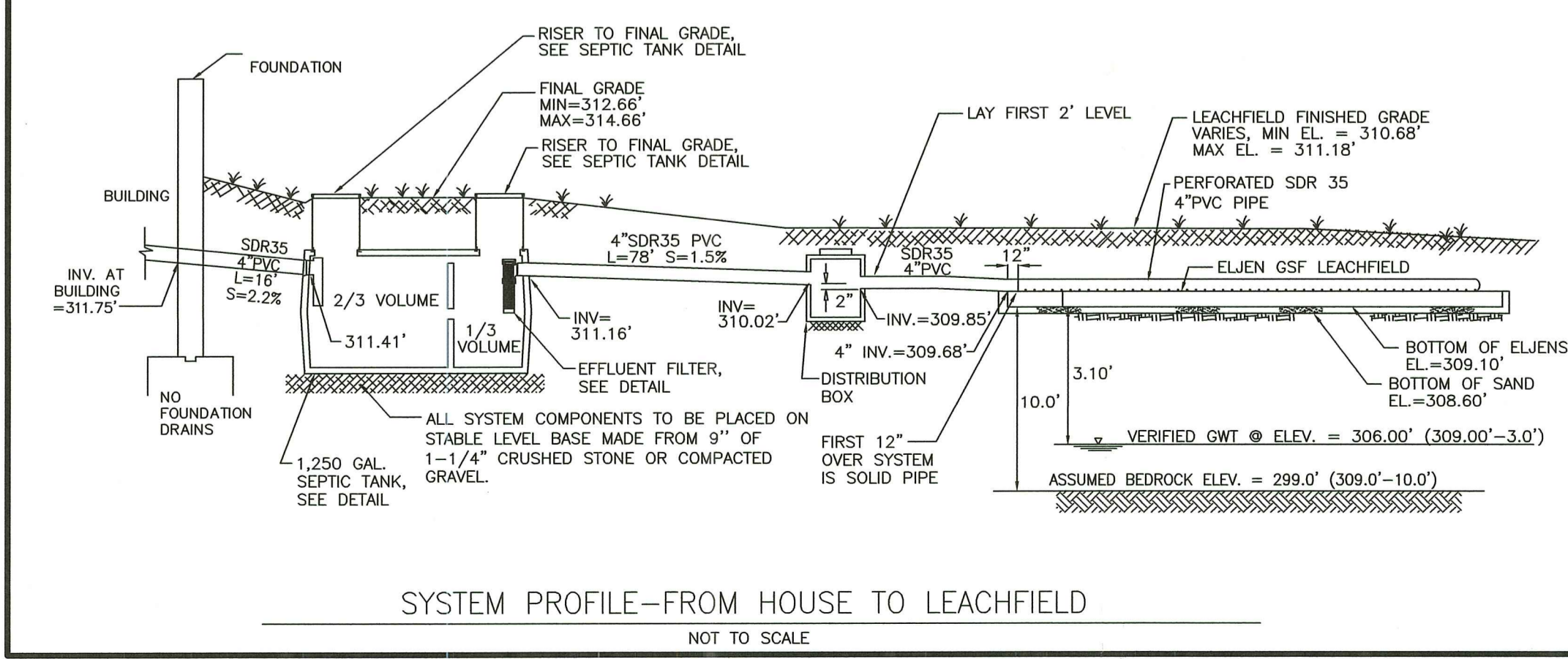
PROVIDED = 28 UNITS x 28 SF. = 784 SF. > 754 SF., OK

**SIGNATURE OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES OWTS & FRESHWATER WETLANDS JOINT PERMIT APPROVAL**

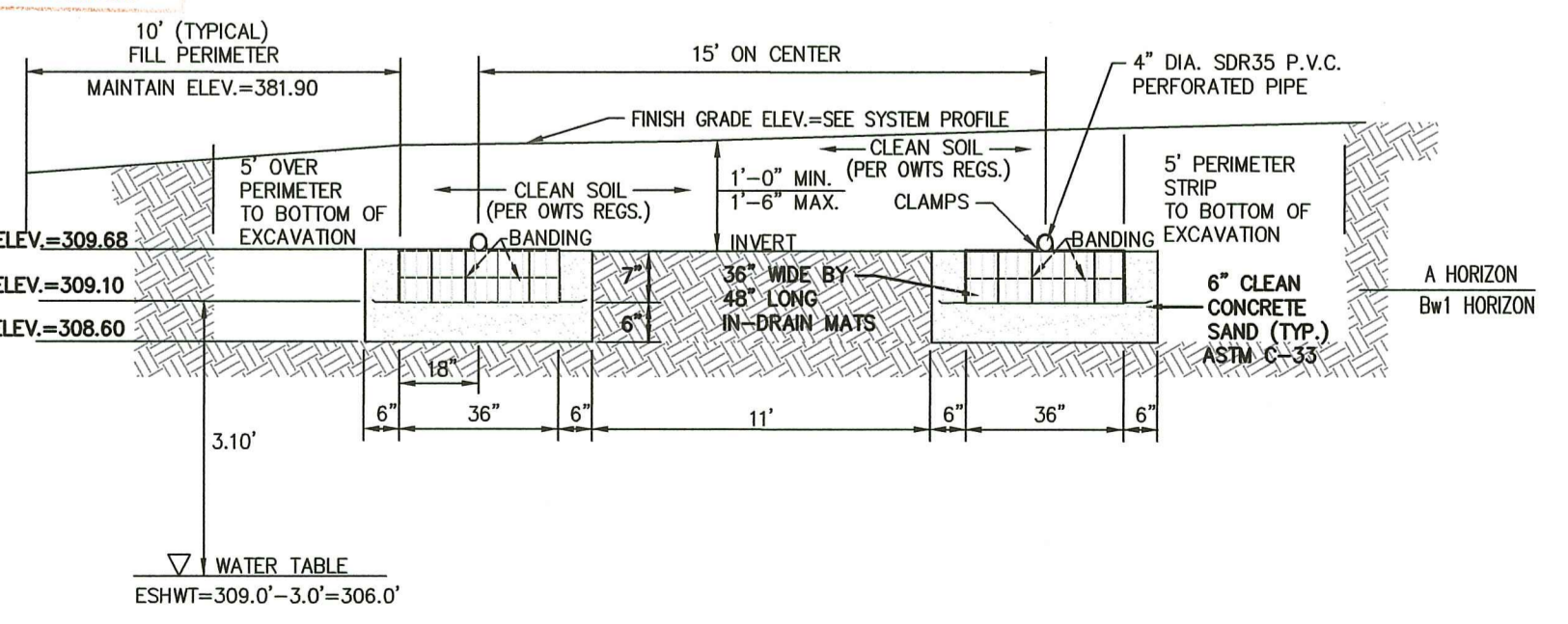
DATE: 4/5/23

**LEACHFIELD CONSTRUCTION NOTE:**

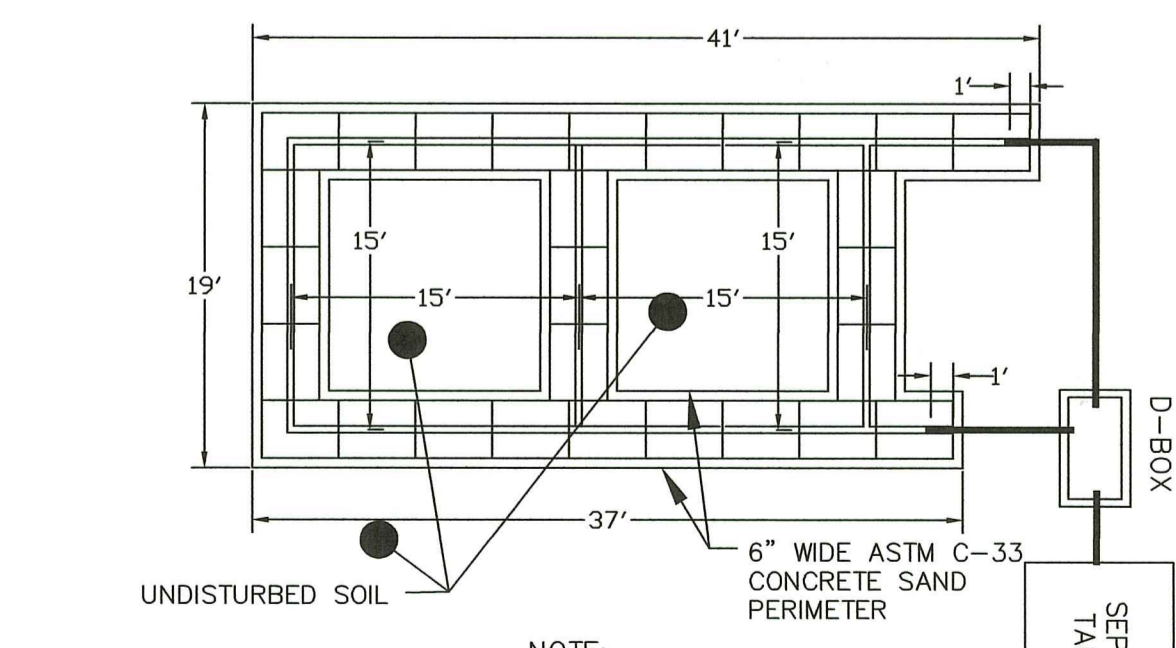
- REMOVE ALL A AND B HORIZON SOILS BENEATH LEACHFIELD AND 5-FOOT PERIMETER STRIP.
- REMOVE ANY CATEGORY 9 SOILS LOCATED BETWEEN 36\"/>



SYSTEM PROFILE-FROM HOUSE TO LEACHFIELD NOT TO SCALE

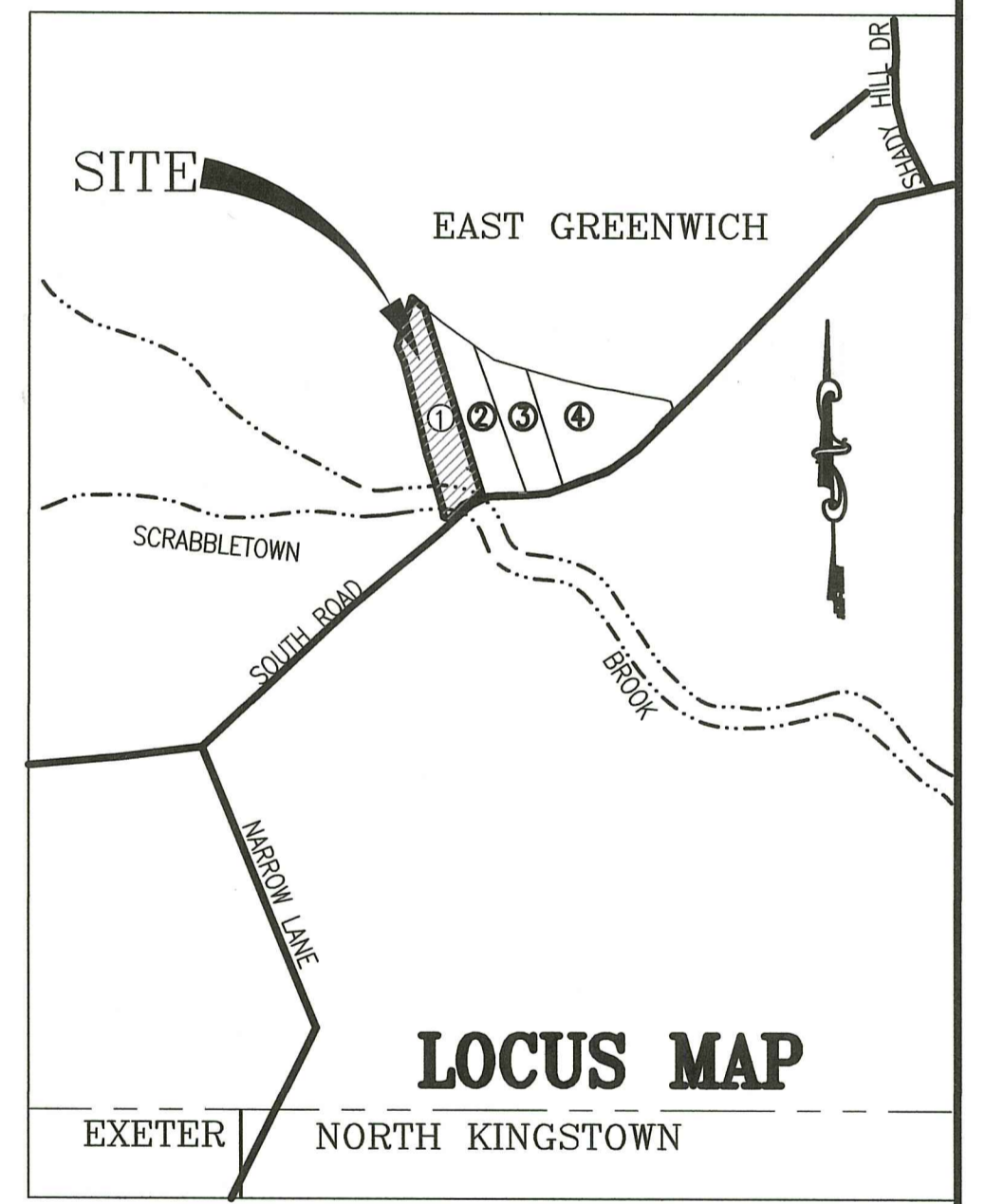


ELIEN GSF PLAN VIEW, (INVERT OF DISTRIBUTION LINES ABOVE ORIGINAL GRADE, OWTS RULES) NOT TO SCALE



**NOTE:**

- 28 ELIEN GSF UNITS PROPOSED
- ELIEN LENGTH PER UNIT=4'
- ELIEN WIDTH PER UNIT=3'
- EXTEND PIPES 1\"/>



**OWNER/APPLICANT:**  
MS. CHARARA TEN  
CT RENOVATION & DESIGN LLC  
25 CRAWFORD STREET  
WOONSOCKET, RI 02895

TIMOTHY J. BEHAN  
REGISTERED PROFESSIONAL ENGINEER  
03/28/2023

**COMMONWEALTH ENGINEERS & CONSULTANTS, INC.**  
400 SMITH STREET  
PROVIDENCE, RHODE ISLAND 02908

**REVISIONS**

No.	DATE	DRWN	CHKD
1	3/14/23	SMA	TJB
2	3/24/23	SMA	TJB
3	3/28/23	SMA	TJB

**OWTS SITE PLAN**  
for  
AP 9-19  
LOT 27 SUB-LOT-1  
in  
EAST GREENWICH, RHODE ISLAND  
**OWTS CONSTRUCTION PLAN**

SCALE: AS NOTED SHEET NO: 1 of 3  
DRAWN BY: SMA DESIGN BY: TJB CHECKED BY: TB  
DATE: 01/12/2023 PROJECT NO.: 22068.00

**EROSION CONTROL NARRATIVE:**

**PROJECT DESCRIPTION:** THE DEVELOPMENT CONSISTS OF THE CONSTRUCTION OF A SINGLE FAMILY DWELLING WHICH INCLUDES CONSTRUCTION OF DRIVEWAY, SEPTIC SYSTEM, PRIVATE WELL, ROOF INFILTRATION SYSTEM FOR ROOF RUNOFF AND MISCELLANEOUS APPURTENANT ITEMS.

TOTAL LAND DISTURBANCE = 42,387 SQ. FT. (0.97 ACRES)

**EMERGENCY PHONE NUMBERS:** CONTACT CHANARA YEN AT 401-440-9893 FOR IMMEDIATE ATTENTION.

**SOIL EROSION AND SEDIMENT CONTROL MEASURES:** DOWN GRADIENT AREAS OF ALL DISTURBED AREAS SHALL BE PROTECTED WITH COMPOST FILTER SOCK AKA SILT SOCK AS SHOWN ON THE PLANS/DETAILS. ALL SOIL STOCK PILE AREAS SHALL BE PROTECTED FROM SOIL EROSION AS SHOWN ON THE DETAIL. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE WITH GRASS SEED OR A 2 INCH LAYER OF WOOD MULCH. ALL CATCH BASINS IN THE IMMEDIATE VICINITY OF SITE SHALL BE PROTECTED AGAINST SOIL EROSION. ALL CONSTRUCTION VEHICLES ENTERING PROPERTY SHALL TRAVEL OVER A 'CONSTRUCTION ACCESS' ENTRANCE WHICH IS CONSTRUCTED IN ACCORDANCE WITH DETAIL.

**TREES/STUMPS/TOPSOIL:** ALL TREES/STUMPS SHALL BE REMOVED AND DISPOSED OFF SITE. BURIAL OF TREES/STUMPS IS NOT PERMITTED. ALL TOPSOIL ON SITE SHALL REMAIN ON-SITE UNLESS APPROVED BY TOWN/CITY.

**SCHEDULE:** WORK IS ANTICIPATED TO COMMENCE IN SUMMER 2023 AND BE COMPLETED BY SPRING 2024.

**SEQUENCE & STAGING OF LAND DISTURBING ACTIVITIES:**

- ALL WORK TO BE COORDINATED WITH PERMIT AGENCIES.
- PLACE PERIMETER SEDIMENTATION CONTROL DEVICES (COMPOST FILTER SOCK) AS SHOWN ON THE PLANS AND STAKED OUT IN THE FIELD. IN NO CASE SHALL SOIL DISTURBANCE EXTEND BEYOND THE SEDIMENTATION CONTROL DEVICES SHOWN ON THE PLAN.
- CONSTRUCT CONSTRUCTION ENTRANCE DEVICES 9.9.0.
- CLEAR AND GRUB SITE.
- ROUGH IN DRIVEWAY AND BEGIN CONSTRUCTION OF NEW DWELLING (EXCAVATING AND GRADING, ETC.). ALL STRIPPED SOILS WHICH ARE STOCKPILED SHALL BE STOCKPILED AND PROTECTED BY A ROW OF SEDIMENTATION DEVICES, REFER TO DETAIL.
- CONSTRUCT UTILITIES IF APPLICABLE (GAS, WATER, SEWER, ELECTRIC, STORM DRAINS, ETC.).
- FINISH CONSTRUCTION OF DWELLING.
- CONSTRUCT DRIVEWAY. DRIVEWAY SURFACE SHALL BE ASPHALT PER WETLAND PERMIT.
- CONSTRUCT ROOF DRYWELL SYSTEM.
- ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED TO ESTABLISH PERMANENT VEGETATION.
- REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES WHEN SITE IS STABILIZED.

**EROSION CONTROL & SOIL STABILIZATION PROGRAM:**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE RIDEM FRESHWATER WETLAND PERMIT #16-0234, CITY/TOWN LAND DEVELOPMENT AND SUBDIVISION REGULATIONS, AND CITY/TOWN CODE OF ORDINANCES.
- EXTREME CARE SHALL BE EXERCISED AS TO PREVENT ANY MATERIALS FROM ENTERING WETLANDS, THE ROADWAYS, ROADWAY DRAINAGE SYSTEMS, AND ADJACENT PROPERTY.
- STAKED COMPOST FILTER SOCKS SHALL BE INSTALLED WHERE SHOWN ON THE PLAN AND AS REQUIRED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTIES, WETLANDS AND THE ROADWAY DRAINAGE SYSTEM. DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES, EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15 SHALL BE SEEDED OR PROTECTED BY THAT DATE.

**SEED MIX: (RIDOT STANDARD)**

CREeping RED FESCUE	75 LBS/ACRE
KENTUCKY BLUE GRASS	15 LBS/ACRE
COLONIAL BENT GRASS	5 LBS/ACRE
PERENNIAL RYE GRASS	5 LBS/ACRE

- TEMPORARY TREATMENTS SHALL CONSIST OF STRAW OR FIBER MULCH OR PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE RIDEM, TOWN, ENGINEER OR OWNER AT NO ADDITIONAL COST.
- STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS/ACRE.
- ALL NEW COMPOST FILTER SOCKS OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED.
- STOCKPILES SHALL HAVE NO SLOPE GREATER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED COMPOST FILTER SOCKS. STOCKPILES EXPOSED FOR EXCESSIVE PERIODS OF TIME SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF STRAW OR FIBER MULCHING.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS NEEDED.
- ADDITIONAL COMPOST FILTER SOCKS AND OTHER TREATMENTS SHALL BE PROVIDED AS DIRECTED BY ENGINEER, RIDEM OR LOCAL REPRESENTATIVES AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL REFERENCE THE "RI EROSION AND SEDIMENT CONTROL HANDBOOK" AS PREPARED BY THE US DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, (AS REVISED) AS A GUIDE.
- THE CONTRACTOR SHALL INSPECT THE SOIL EROSION CONTROL DEVICES AFTER EVERY RAIN STORM EVENT AND EVERY SEVEN DAYS DURING DRY PERIODS. ANY SOIL MIGRATION PAST THE DEVICES SHALL BE REMOVED AND THE SOIL EROSION CONTROL DEVICES SHALL BE RE-ESTABLISHED TO PREVENT SOIL EROSION. ALL ACCUMULATED SEDIMENT IN FRONT OF THE DEVICES SHALL BE REMOVED AFTER EVERY RAIN STORM EVENT.
- ALL DISTURBED SOIL AREAS SHALL BE PROTECTED AGAINST SOIL EROSION BY PLACEMENT OF STAKED COMPOST FILTER SOCKS ON THE DOWN GRADIENT SIDE OF THE DISTURBED AREA(S). SHOULD THE VOLUME AND/OR RATE OF STORMWATER RUNOFF BE TOO GREAT FOR A SINGLE DEVICE, THEN MULTIPLE ROWS OF COMPOST FILTER SOCKS ARE REQUIRED.
- AT THE END OF THE PROJECT ALL SEDIMENT IN THE DRAIN MANHOLE SUMPS & PIPES SHALL BE REMOVED.
- DISTURBED SOILS SHALL BE STABILIZED AS SOON AS PRACTICABLE AS DETERMINED BY OWNER/ENGINEER.
- TEMPORARY VEGETATION AND/OR MULCHING SHALL BE USED TO PROTECT EXPOSED LAND AREAS DURING DEVELOPMENT.
- PERMANENT (FINAL) VEGETATION SHALL BE PLANTED AND SUPPLEMENTAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE.
- UNTIL A DISTURBED AREA IS STABILIZED, SEDIMENT IN THE RUNOFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SEDIMENT BASINS, SILT TRAPS OR SIMILAR MEASURES.
- DURING GRADING OPERATIONS, APPROPRIATE MEASURES FOR DUST CONTROL SHALL BE EXERCISED BY USE OF SPRAY WATER APPLIED OR APPROVED EQUAL.
- A CONTRACTOR SHALL INSPECT AND MAINTAIN THE EROSION AND SEDIMENT CONTROL SYSTEM AS SPECIFIED. CONSTRUCTION INSPECTION AND MAINTENANCE SHALL BE PERFORMED AFTER EACH RAINSTORM EVENT AND ON A WEEKLY BASIS.

**GRADING & DRAINAGE NOTES:**

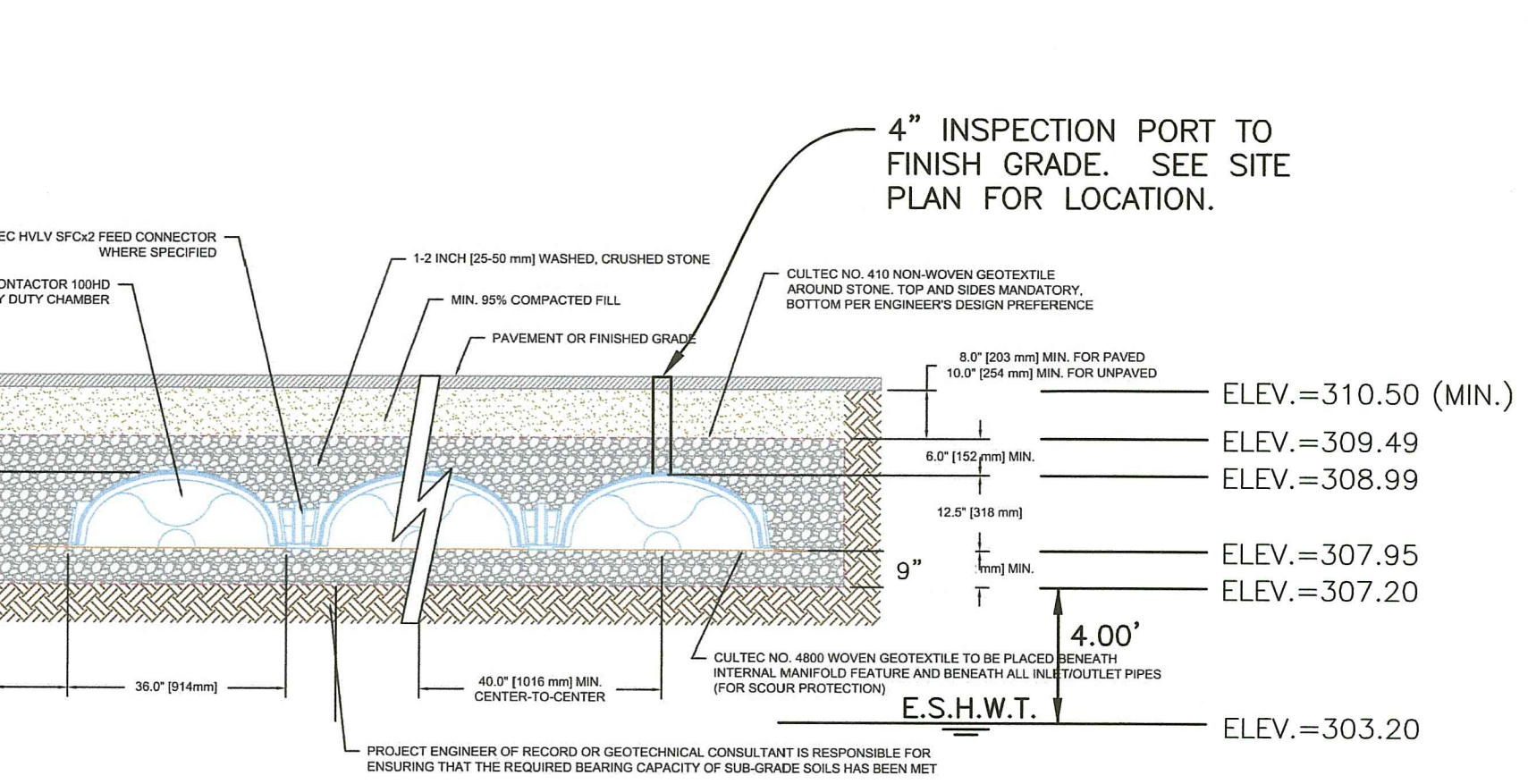
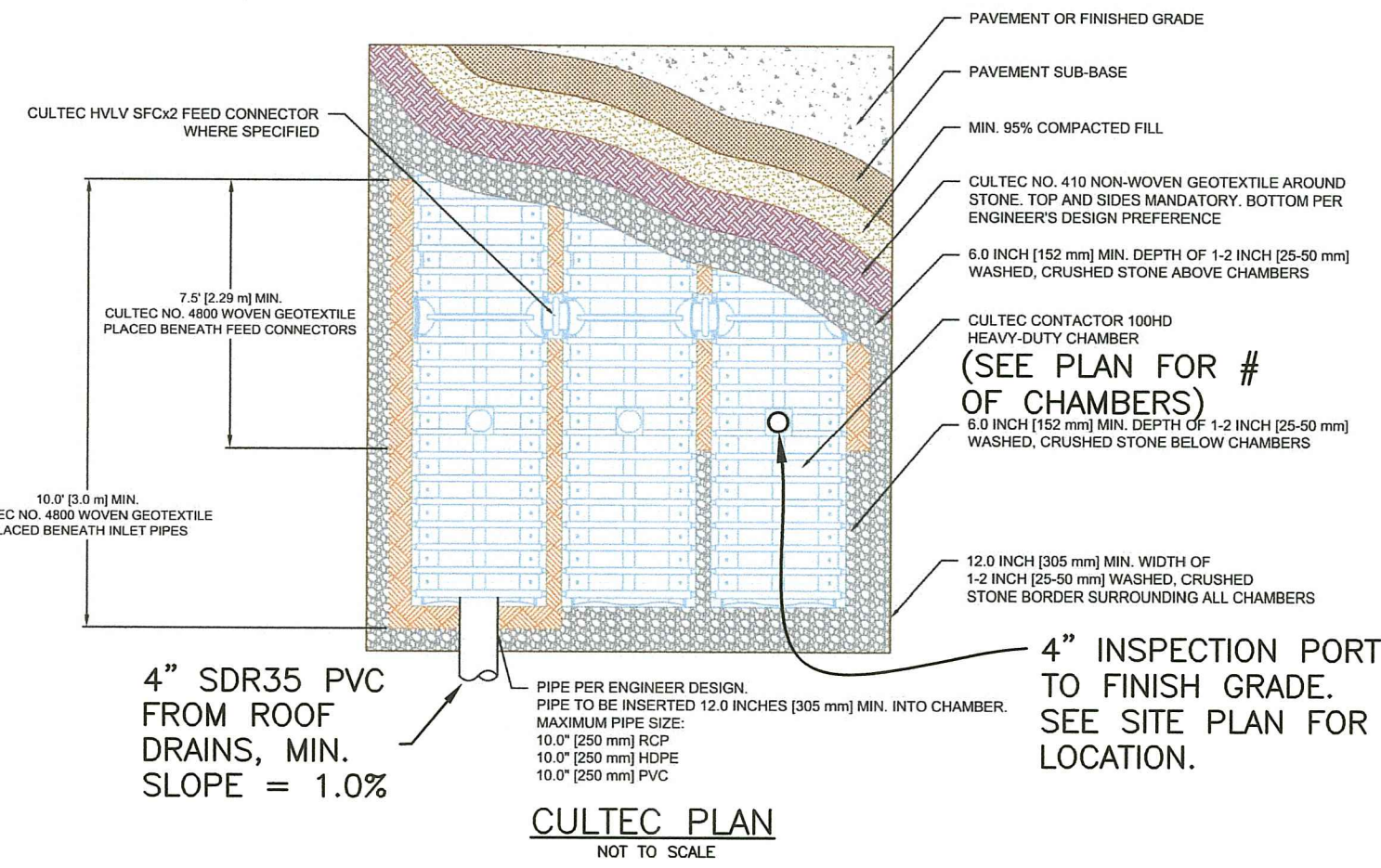
- CONTRACTOR TO FINE GRADE LOTS IN ACCORDANCE WITH STATE OF RHODE ISLAND ONE AND TWO FAMILY DWELLING CODE. LOTS SHALL BE GRADED SO THAT ADDITIONAL ACCUMULATION OF SURFACE WATER DOES NOT OCCUR ACROSS ADJOINING PROPERTY. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER POINT OF COLLECTION SO AS NOT TO CREATE A HAZARD. LOTS SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6" WITHIN THE FIRST 10 FEET. IMPERVIOUS SURFACES (DRIVEWAY) SHALL BE SLOPED AWAY FROM HOUSE AT A SLOPE OF 2% FOR AT LEAST 10 FEET.
- DO NOT ALLOW STREET RUNOFF TO ENTER SUBJECT PROPERTY.
- ROOF DOWNSPOUT RUNOFF SHALL BE PIPED TO ROOF INFILTRATION SYSTEM.

**CULTEC SYSTEM NOTES:**

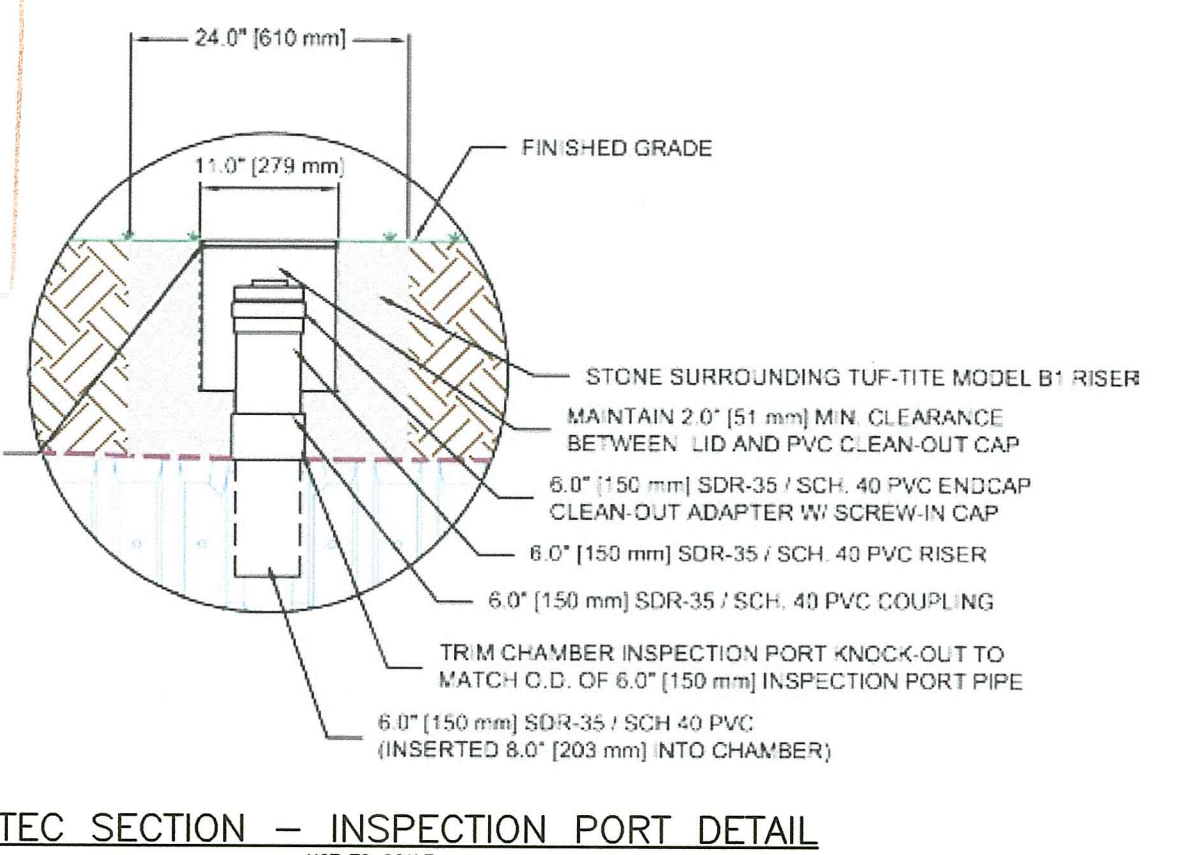
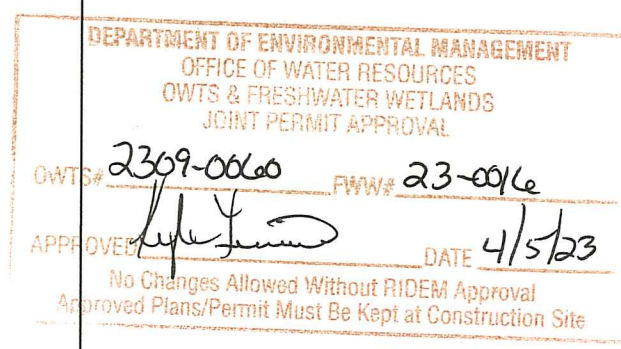
- ALL WORK PERFORMED IN ACCORDANCE WITH CULTEC RECOMMENDATIONS.
- CULTEC SYSTEM INSTALLATION MUST BE INSPECTED BY THE ENGINEER IF CERTIFICATION IS REQUIRED.
- CULTEC SYSTEMS MAY BE SPLIT INTO TWO SYSTEMS EACH RECEIVING HALF OF THE ROOF AREA WHEN AUTHORIZED BY ENGINEER.
- INFILTRATION SYSTEM CHAMBERS SHALL BE CULTEC CONTRACTOR 100 HD UNITS.
- STONE AROUND INFILTRATORS SHALL BE WASHED, CRUSHED STONE FREE OF FINES.
- CULTEC SYSTEMS SHALL BE LOCATED 25' MIN. FROM OWTS'S, 50' FROM WELLS AND 10' MIN. FROM SLAB BUILDINGS AND PROPERTY LINES.
- ALL PIPE UNDER DRIVEWAYS SHALL BE SDR35 PVC OR APPROVED EQUAL AND BEDDED IN 3/4" CRUSHED STONE 8" MIN. AROUND PIPE.

**CULTEC SYSTEM MAINTENANCE NOTES:**

- INFILTRATOR CHAMBERS SHALL BE PERIODICALLY INSPECTED AND MAINTAINED DURING CONSTRUCTION AND A MINIMUM OF TWICE PER YEAR UPON COMPLETION OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF ALL DRAINAGE FACILITIES, AS PER THEIR RESPECTIVE PROGRAMS, UNTIL FINAL ACCEPTANCE BY THE OWNER.
- UPON FINAL ACCEPTANCE, THE OWNER SHALL BE RESPONSIBLE FOR ALL DRAINAGE INSPECTION AND MAINTENANCE.
- ANY INADVERTENT OR DELIBERATE DISCHARGE OF WASTE OIL OR ANY OTHER POLLUTANT TO THE STORMWATER DISPOSAL SYSTEM REQUIRES IMMEDIATE NOTIFICATION OF THE RIDEM-UIIC PROGRAM.
- ANY INCIDENT OF GROUNDWATER CONTAMINATION RESULTING FROM THE IMPROPER DISCHARGE OF CONTAMINANTS TO THE DISPOSAL SYSTEM SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE RIDEM WILL REQUIRE THE PROPERTY OWNER TO REMEDIATE ANY INCIDENTS THAT MAY ADVERSELY IMPACT THE QUALITY OF THE GROUNDWATER.
- VEHICLE TRAFFIC OVER THE SYSTEM IS NOT PERMITTED.



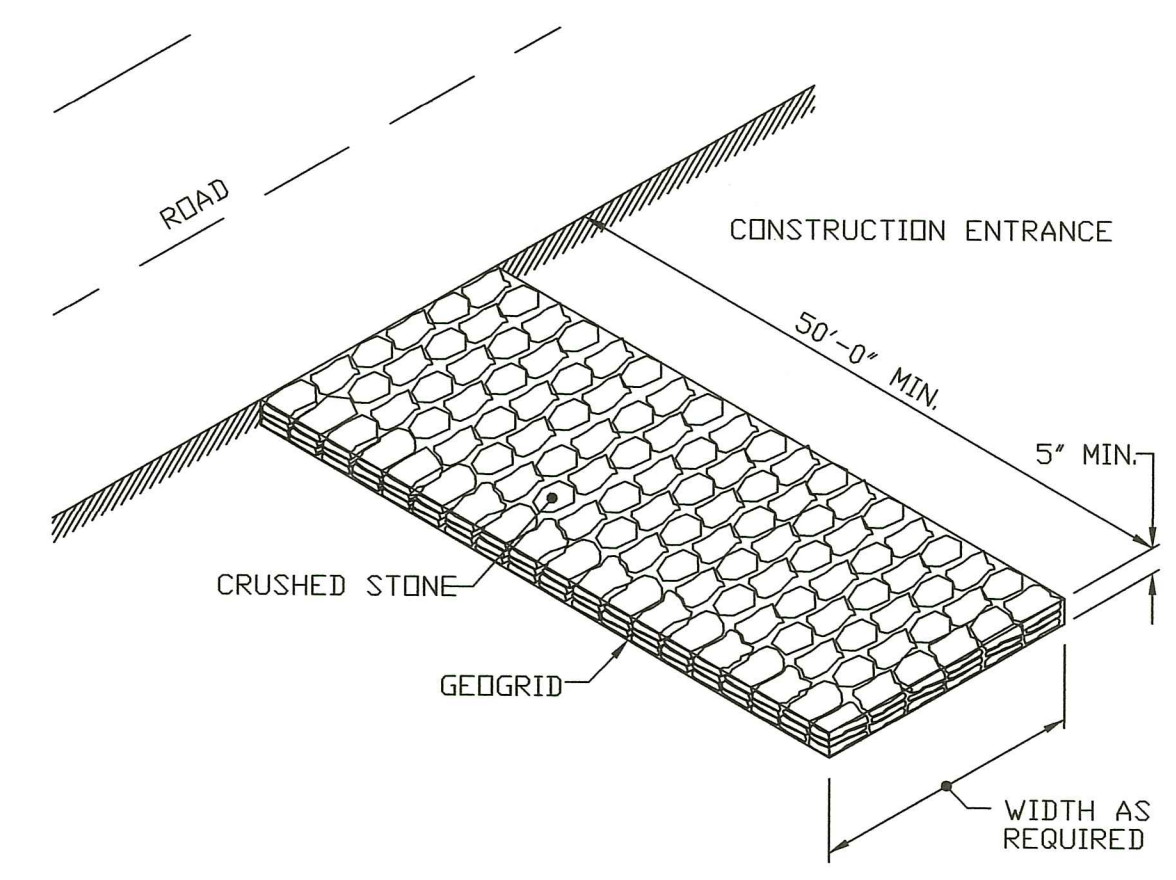
**CULTEC SECTION - SYSTEM LOCATED ON SIDE OF HOUSE**  
NOT TO SCALE



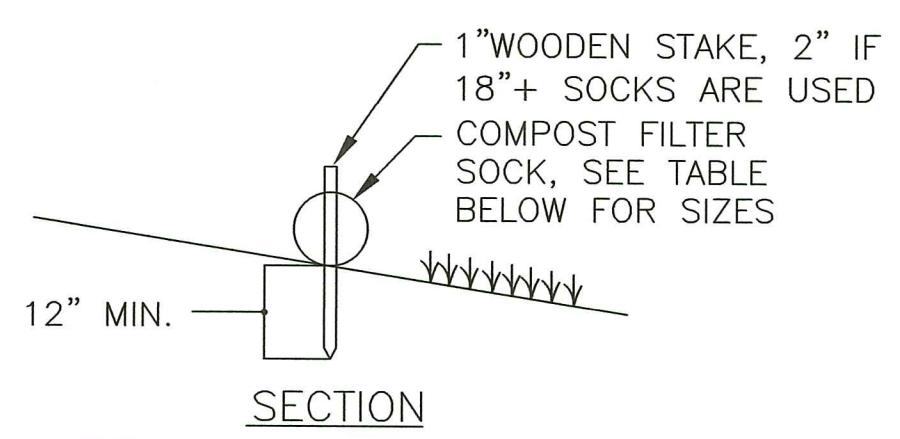
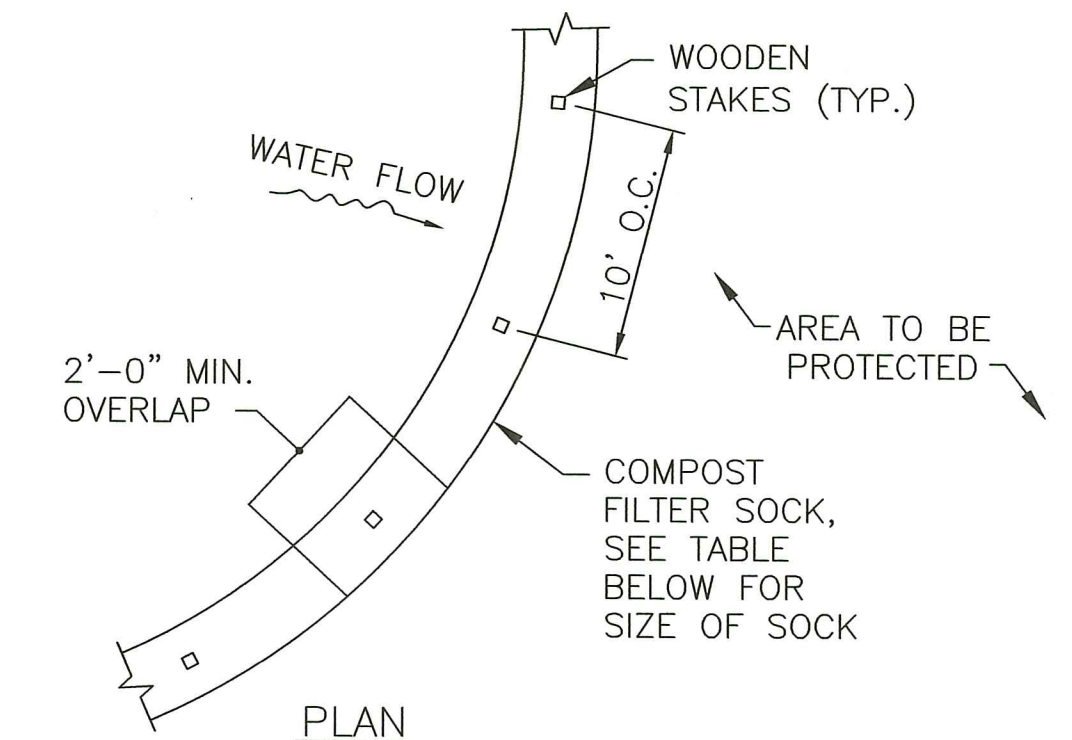
**ROOF INFILTRATION SYSTEM DETAILS & NOTES**  
NOT TO SCALE

**OWTS GENERAL NOTES:**

- THIS PLAN WAS PREPARED FOR RIDEM SEPTIC SYSTEM PERMIT ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE WITHOUT AUTHORIZATION FROM THE ENGINEER. THIS IS NOT THE BUILDING PERMIT PLOT PLAN.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 'RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS', LATEST REVISION, AS REGULATED THROUGH THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (THESE ARE REFERRED TO AS THE 'RULES') AND THE STATE OF RHODE ISLAND ONE & TWO FAMILY DWELLING BUILDING CODE.
- THE PROPOSED ACTIVITIES (ARE \_\_\_) OR (ARE NOT \_\_\_) UNDER THE RHODE ISLAND COASTAL RESOURCE MANAGEMENT COUNCIL'S JURISDICTION.
- PUBLIC SEWERS (ARE \_\_\_) OR (ARE NOT \_\_\_) LOCATED WITHIN 200 FEET OF THE PROPERTY LINE.
- DRINKING WATER LINES (ARE \_\_\_) OR (ARE NOT \_\_\_) LOCATED WITHIN 50 FEET OF THE PROPOSED OWTS. ALL DRINKING WATER LINES WITHIN 50 FEET OF THE PROPOSED OWTS HAVE BEEN SHOWN, IF PRESENT.
- WATER SUPPLY IS BY (PUBLIC WATER SYSTEM \_\_\_) OR (PRIVATE WELL \_\_\_).
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) EXISTING AND PROPOSED PRIVATE DRINKING WATER WELLS LOCATED WITHIN THE SPECIFIED SETBACK DETAILED IN THE 'RULES' + 100 FEET. IF WELL(S) ARE PRESENT, THEY HAVE BEEN SHOWN ON THE PLAN.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) EXISTING AND PROPOSED WELLS SERVING NON-POTABLE USES WITHIN 100' OF THE OWTS. IF WELL(S) ARE PRESENT, THEY HAVE BEEN SHOWN ON THE PLAN.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) EXISTING AND PROPOSED PUBLIC DRINKING WATER SUPPLY WELLS WITHIN 500 FEET OF THE PROPOSED OWTS. IF WELL(S) ARE PRESENT, THEY HAVE BEEN SHOWN ON THE PLAN. THE TYPE OF PUBLIC WELL, IF PRESENT, IS NOTED NEXT TO THE WELL.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) WATERCOURSES AND WETLANDS WITHIN 200 FEET OF THE PROPOSED OWTS. IF PRESENT, THE LOCATIONS ARE SHOWN ON THE PLAN.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) STORM AN SUBSURFACE DRAINS WITHIN 200 FEET OF THE PROPOSED OWTS. S&B DRAINS (DO \_\_\_) OR (DO NOT \_\_\_) DISCHARGE DIRECTLY OR INDIRECTLY INTO A CRITICAL RESOURCE AREA AS IDENTIFIED IN THE 'RULES'.
- THE PROPOSED OWTS (IS \_\_\_) OR (IS NOT \_\_\_) LOCATED WITHIN THE WATERSHED OF A PUBLIC WATER SUPPLY.
- THE PROPOSED OWTS (IS \_\_\_) OR (IS NOT \_\_\_) LOCATED WITHIN A CRITICAL RESOURCE AREA AS IDENTIFIED IN THE 'RULES'. THE DISTANCE TO THE NEAREST CRITICAL RESOURCE OF CONCERN IS 1/4 FEET.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) EXISTING AND/OR PROPOSED OWTS(S) WITHIN 200 FEET OF ANY PROPOSED WELL. IF PRESENT, THE LOCATION AND SIZE HAS BEEN SHOWN ON THE PLAN.
- EXISTING OWTS'S WITH A DESIGN FLOW GREATER THAN 1,000 GAL/DAY (ARE \_\_\_) OR (ARE NOT \_\_\_) LOCATED WITHIN 400 FEET OF THE PROPOSED WELL. IF PRESENT, THE LOCATION AND SIZE HAS BEEN SHOWN ON THE PLAN.
- THERE (ARE \_\_\_) OR (ARE NOT \_\_\_) AREAS ON SUBJECT PROPERTY WHERE SOIL HAS BEEN EXCAVATED AND/OR WHERE STORM DEPOSITED SAND IN THE BACKDUNE ENVIRONMENT OR WHERE HUMAN TRANSPORTED MATERIAL HAS BEEN DEPOSITED.
- THE POTENTIAL FOR FLOODING WITHIN 100 FEET OF THE PROPOSED OWTS DOES NOT EXIST.
- THE PROPOSED WELL, IF APPLICABLE, (DOES \_\_\_) OR (DOES NOT \_\_\_) REQUIRE A VARIANCE FROM RIDEM'S 'RULES AND REGULATIONS GOVERNING THE ENFORCEMENT OF CHAPTER 46-13.2 RELATING TO THE DRILLING OF DRINKING WATER WELLS'.
- THIS APPLICATION (IS \_\_\_) OR (IS NOT \_\_\_) PART OF A SUBDIVISION OF FIVE (5) LOTS OR LESS WITH EXISTING ROAD FRONTAGE.
- THE SUBJECT PROPERTY (IS \_\_\_) OR (IS NOT \_\_\_) SERVED WITH AN OWTS & PRIVATE WELL THE NITROGEN LOADING RATE SHALL NOT EXCEED 345 GAL/DAY PER 20,000 SQUARE FEET OF PROPERTY WHEN SERVED WITH AN OWTS & PRIVATE WELL.
- THE CONTRACTOR SHALL STAKE AND FLAG THE LEACHFIELD AREA TO PROTECT THE LEACHFIELD FROM VEHICLE TRAFFIC AND EXCESSIVE WEIGHT LOADS BEFORE AND DURING CONSTRUCTION OF THE OWTS AND THE STRUCTURE. FLAGGING SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES AT THE SITE ARE COMPLETE.



**CONSTRUCTION ACCESS**  
NOT TO SCALE

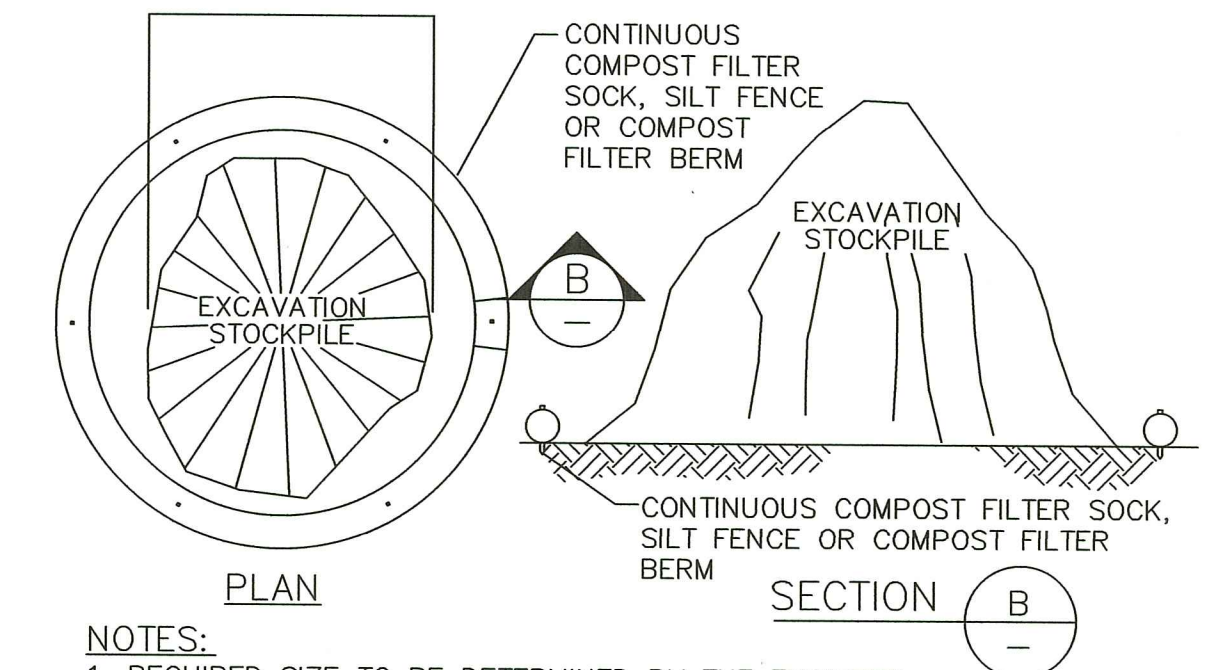


- NOTES:**
- ALL MATERIAL TO MEET REQUIREMENTS OF SECTION 206 OF RI STANDARD SPECIFICATIONS.
  - SUBMIT SHOP DRAWING OF COMPOST MATERIAL FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
  - COMPOST FILTER SOCK IS AN 'OR EQUAL' TO COMPOST FILTER BERM WHEN INSTALLED IN ACCORDANCE WITH THE TABLE PROVIDED BELOW:

MAXIMUM SLOPE LENGTH ABOVE COMPOST FILTER SOCK, (FEET) AND DIAMETER OF SOCK REQUIRED:

SLOPE	8" SOCK	12" SOCK	18" SOCK	24" SOCK
2%	300'	375'	500'	650'
5%	200'	250'	275'	325'
10%	100'	125'	150'	200'
20%	50'	65'	70'	130'
30%	30'	40'	45'	65'
40%	30'	40'	45'	50'
50%	20'	25'	30'	35'

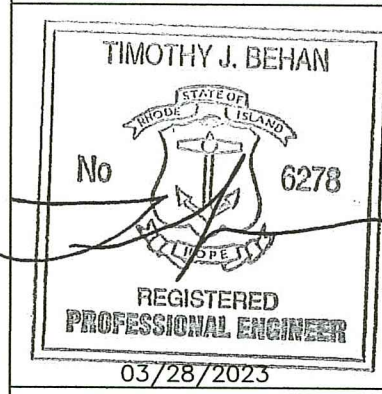
**COMPOST FILTER SOCK**  
NOT TO SCALE



- NOTES:**
- REQUIRED SIZE TO BE DETERMINED BY THE ENGINEER
  - SOIL SHALL BE COVERED WITH TARPS WHEN DETERMINED TO BE DRY BY THE RESIDENT ENGINEER
  - STOCKPILE LOCATIONS CAN VARY FROM SITE PLAN SINCE SITE IS VERY FLAT.

**ON-SITE SOIL STOCKPILE DETAIL**  
NOT TO SCALE

**OWNER/APPLICANT:**  
MS. CHANARA YEN  
CT RENOVATION & DESIGN LLC  
25 CRAWFORD STREET  
WOONSOCKET, RI 02895



**REVISIONS**

No.	DATE	DRWN	CHKD
1	3/14/23	SMA	TJB
2	3/24/23	SMA	TJB
3	3/28/23	SMA	TJB



**OWTS SITE PLAN**  
for  
AP 9-19  
LOT 27 SUB-LOT-1  
in  
EAST GREENWICH, RHODE ISLAND  
SOIL EROSION AND SEDIMENT CONTROL PLAN

SCALE: AS NOTED	SHEET NO: 2 of 3
DRAWN BY: SMA	DESIGN BY: TJB
CHECKED BY: TB	
DATE: 01/12/2023	PROJECT NO.: 22068.00

