

**SOIL STABILIZATION & PLANTING PROGRAM:**

**ACCEPTABLE PLANTING MATERIALS:**  
 LOAM- THE MATERIAL TO BE FURNISHED SHALL CONSIST OF LOOSE, FRIABLE, SANDY LOAM OR LOAM TOPSOIL FREE OF A MIXTURE OF SUBSOIL, REFUSE STUMPS, ROOTS, ROCKS, BRUSH, WEEDS & OTHER MATERIAL WHICH WILL PREVENT THE FORMATION OF A SUITABLE SEED BED.  
 SEED MIXTURES-ALL LEGUME SEED SHALL BE INOCULATED WITH 24 HOURS BEFORE MIXING & PLANTING WITH THE APPROPRIATE INOCULUM FOR EACH VARIETY. ALL INOCULA SHALL BE FRESH & SHALL BE USED WITHIN THE DATE LIMIT PRESCRIBED BY THE MANUFACTURER.

**FOR RELATIVELY FLAT SLOPES MIX:**  
 RED FESCUE-CHEWINGS PENNLAWN OR CREEPING. 70% BY WEIGHT  
 KENTUCKY BLUEGRASS 15%  
 COLONIAL BENTGRASS (ASTORIA OR EXETER) 5%  
 PERENNIAL RYEGRASS 10%  
 \*\*\*SEEDING RATE = 100 LBS PER ACRE\*\*\*

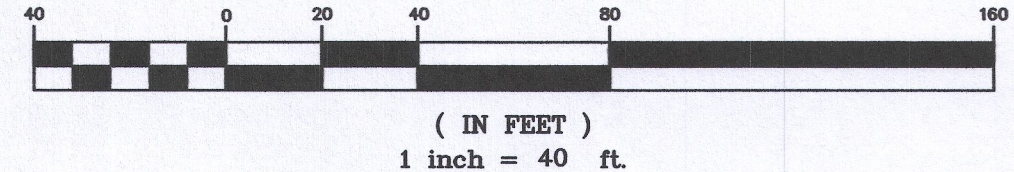
**FOR SOD WATERWAYS, DRAINAGE DITCHES & DRAINAGE BASINS MIX:**  
 CREEPING RED FESCUE 50% BY WEIGHT  
 TALL FESCUE OR REED CANARY GRASS 50%

3. \*\*\*USE REED CANARY GRASS WHERE MOWING IS NOT REQUIRED\*\*\*  
 THE ACCEPTED PLANTING SEASON SHALL BE BETWEEN APRIL 1ST AND OCTOBER 15. THE CONTRACTOR SHOULD COORDINATE ON ALL DISTURBED AREAS.  
 THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR (4) INCHES OF LOAM ON AREAS UP TO 10% IN GRADE. ALL AREAS OVER 10% SHALL RECEIVE A MINIMUM OF SIX (6) INCHES.

REFERENCE IS HEREBY MADE TO THE RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL HANDBOOK PUBLISHED BY THE SOIL CONSERVATION SERVICE. THE GUIDELINES SHOWN THEREIN SHOULD BE INCORPORATED INTO THE CONSTRUCTION PRACTICES ON SITE.

AFTER CONSTRUCTION, ALL DISTURBED SOILS SHALL BE GRADED SMOOTH TO A SLOPE OF 3:1/LESS AND RE-VEGETATED WITH NATIVE/ SITE SUITABLE VEGETATION IMMEDIATELY AFTER CONSTRUCTION, OR TEMPORARILY STABILIZED WITH MULCH, JUTE MATTING OR SIMILAR MEANS UNTIL SEASONAL RE-VEGETATION IS POSSIBLE. THE EXISTING NATURAL AND/OR NATIVE TREES AS NOTED ON THE SITE PLAN WILL REMAIN.

**GRAPHIC SCALE**



**PLAN VIEW**

SCALE: 1" = 40'

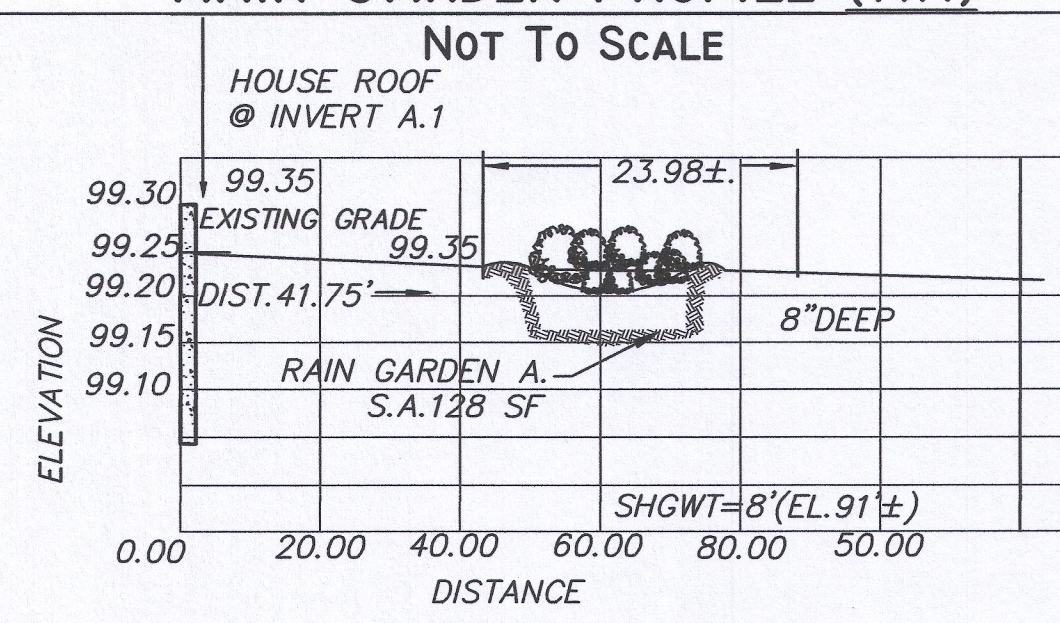
**RAIN GARDEN PLANT LIST**

PREFERRED PLANT SPECIES TO BE DETERMINED BY R.L.A. @ TIME OF CONSTRUCTION

ALNUS INCANA	SPECKLED ALDER(S)
AMELANCHIER CANADENSIS	SERVICEBERRY(S)
BAPTISIA TINCTORIA	WILD INDIGO(P)
CAREX STRICTA	BROAD LEAVED SEDGE (G)
CAREX PLATYPHYLLA	TUSSOCK SEDGE (G)
CLETHRA ALNEFOLIA	COASTAL SWEET PEPPERBUSH(S)
HAMAMELIS VERNALIS	VERNAL WITCHHAZEL(S)
ILEX GLABRA	INKBERRY(S)
PRUNUS SEROTINA	BLACK CHERRY(T)
MYRICA PENNSYLVANICA	SMALL BAYBERRY(S)
VIBURNUM DENTATUM	SMOOTH ARROWWOOD(S)

THE SUGGESTED RAIN GARDEN PLANT LIST IS NATIVE TO R.I.- DROUGHT TOLERANT & APPROPRIATE FOR COASTAL CONDITIONS. FURTHER SELECTIONS ARE NOTED IN THE COASTAL PLANT GUIDE (WWW.URI.EDU/CELS/CEOC/COASTAL/PLANTS/COASTALPLANTGUIDE.HTM) OR APPENDIX B. THE RI STORMWATER DESIGN & INSTALLATION STANDARDS MANUAL.

**RAIN GARDEN PROFILE (TYP.)**



INVERT	INVERT ELEVATION	DISTANCE	DRAINAGE AREA ELEVATION	DRAINAGE AREA REQU.	DRAINAGE AREA PROV.	RAIN GARDEN DEPTH	SURFACE AREA REQ'D
A1	99.35	41.75'	D.A. 1. (Raingarden A) EL.99.50	800 SF	800 SF	8"	128 SF
B1	98.95	29.75'	D.A. 2. (Raingarden B) EL.98.90	1600 SF	1600 SF	8"	250 SF
B2	99.05	56.80'					
C1	99.05	44.32'	D.A. 3. (Raingarden C) EL.99.0	1374 SF	1374 SF	8"	224 SF
C2	99.15	18.60'					

**DRAINAGE TABLE**

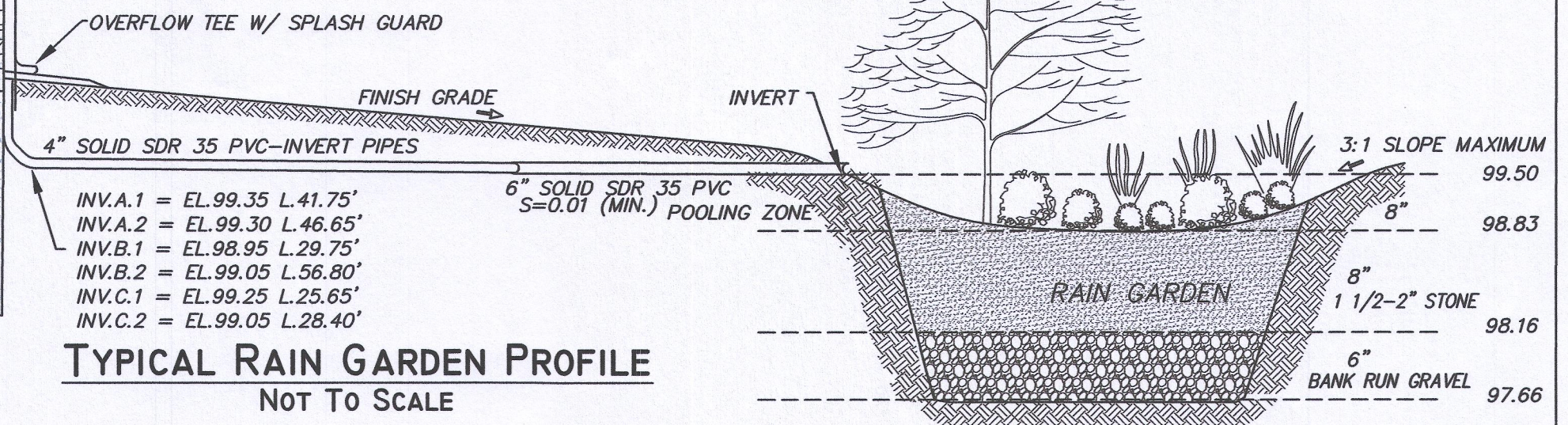
**GENERAL NOTES**

- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY & ALL PERMITS REQUIRED BY THE STATE & THE MUNICIPALITY IN WHICH WORK IS BEING PERFORMED PRIOR TO START OF ANY WORK.
- IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DOCUMENT EXISTING CONDITIONS OF SURROUNDING PROPERTIES & TO MAINTAIN THE INTEGRITY OF SAME. ANY DAMAGE TO & THE COST OF REPAIRS OF UTILITIES, ROADWAYS, STRUCTURES & SURROUNDING PROPERTY SHALL BE FULLY BORNE BY THE CONTRACTOR.
- ALL WORKMANSHIP & MATERIALS SHALL MEET OR EXCEED THE LATEST STANDARDS OF THE MUNICIPALITY, AND THE LATEST STATE STANDARDS & SPECIFICATIONS PUBLISHED FOR ROAD & BRIDGE CONSTRUCTION.
- THE UTILITIES SHOWN HERON ARE THE RESULT OF FIELD LOCATIONS OF VISIBLE STRUCTURES AT THE TIME OF FIELD SURVEY & RECORD PLANS ACQUIRED FROM FROM THE UTILITY COMPANIES. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. CONTACT DIG-SAFE & UTILITY COMPANIES FOR EXACT ON-SITE LOCATION OF EXISTING UNDERGROUND & VISIBLE UTILITIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN REQUIRED INSPECTION SCHEDULE OF THE MUNICIPALITY. UTILITY COMPANIES & ALL OTHER REQUIRED PARTIES & SHALL STRICTLY ADHERE TO THOSE REQUIREMENTS.
- ALL CONTRACTORS SHALL ADHERE TO ALL CONDITIONS OF CONSTRUCTION APPROVALS & SHALL KEEP A COPY OF ALL APPROVALS ON-SITE DURING CONSTRUCTION. CONTRACTOR SHALL READ ALL APPROVALS PRIOR TO START OF CONSTRUCTION & SHALL CLARIFY ANY QUESTIONS BEFOREHAND.

**RAIN GARDEN NOTES:**

- THE PROPOSED RAIN GARDEN SHALL BE PREPARED WITH 6" OF LOAM AND MULCH.
- BELOW THE LOAM AND SEED SHALL BE 6"+ OF CLEAN 1.5-2" STONE.
- THE RAIN GARDEN SHALL BE PLANTED WITH NATIVE SPECIES CONDUSIVE TO POOLING CONDITIONS SUCH AS THOSE INDICATED ON THE UNIVERSITY OF RHODE ISLAND WEBSITE (<http://www.uri.edu/ce/healthylandscapes/raingarden.htm>). SEE RLA PLAN FOR DETAILS.
- PLANTINGS MAY REQUIRE WATERING IN THE FIRST YEAR DURING DRY PERIODS TO ENSURE THAT THEY ARE PROPERLY ESTABLISHED IN THE RAIN GARDEN. ANY PLANTINGS THAT DO NOT SURVIVE THE FIRST GROWING SEASON SHALL BE REPLACED.
- FUTURE MAINTENANCE SHALL BE THAT OF A TYPICAL RESIDENTIAL LANDSCAPED BED. PERIODIC WEEDING AND THINNING OR PRUNING SHALL BE REQUIRED AS NECESSARY.

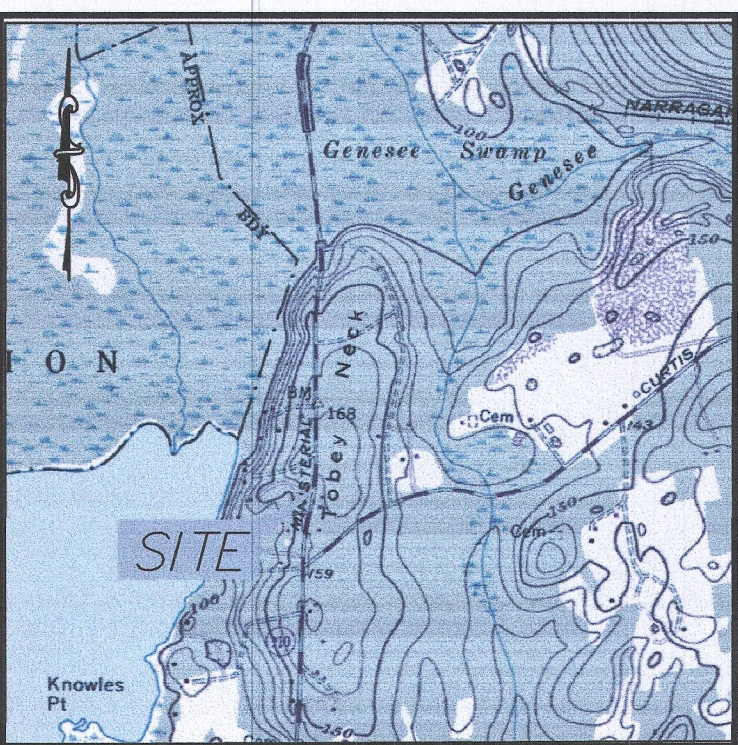
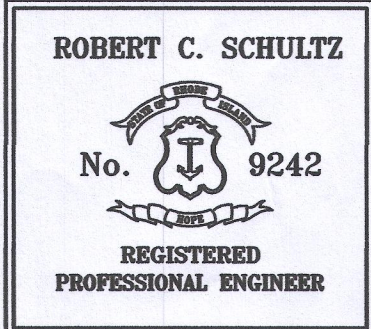
REGISTERED LANDSCAPE ARCHITECT MAY SELECT FINAL PLANT SCHEDULE FROM LIST ON THIS SHEET.



**TYPICAL RAIN GARDEN PROFILE**  
NOT TO SCALE

**PROPERTY OWNERS OF RECORD:**

ROBERT PERSSON & MARY D. PIERCE  
 3683 TOWER HILL ROAD  
 WAKEFIELD, RI 02879



**LOCUS MAP** N.T.S.

**LEGEND**

- 21 --- EXISTING CONTOUR
- 21 — PROPOSED CONTOUR
- ROAD EDGE
- PROPERTY LINE
- ABUTTERS PROPERTY LINE
- STAKED HAYBALES/L.O.D.
- U.P. 24 --- UTILITY POLE
- ⊙ WELL
- ⊕ TEST PIT LOCATION
- ⊙ D.H. --- DRILL HOLE FND

**TOWN OF SOUTH KINGSTOWN SOIL EROSION.SEDIMENT CONTROL DETAIL PLAN FOR PROPOSED HOUSE**

PREPARED FOR:  
**ROBERT PERSSON**  
 3683 TOWER HILL RD  
 WAKEFIELD RI 02879

FOR PROPERTY LOCATED ON:  
**MINISTERIAL ROAD**  
 IN THE TOWN OF:  
**SOUTH KINGSTOWN, RHODE ISLAND**  
 MAP 46, LOT 71  
 R 80 ZONING

#	DATE	DESCRIPTION	BY
4	3/29/23	DEVELOPMENT PLAN REV.	ZMD
3	2/10/23	REV.ENG.STAMP/REQU'MTS	ZMD
2	1/16/23	DEVELOPMENT PLAN	ZMD
1	11/24/22	CLIENT CHANGES (NOTES)	ZMD

DRAWN BY:	AHH/ZMD	DATE:	NOV.,2022
CHECKED BY:	RCS	DRAWING #:	8483001
JOB #:	8483001	SHEET:	3 OF 3

