

LOCATION MAP NTS

- RESTORATION AREA NOTES:**
 (PREPARED BY AVIZINS ENVIRONMENTAL SERVICES INC.)
- ALL RESTORATION WORK SHALL BE OVERSEEN BY A QUALIFIED WETLAND PROFESSIONAL.
 - EROSION CONTROLS SHALL BE INSTALLED ON THE DOWNSLOPE SIDE OF THE RESTORATION AREA AND CHECKED REGULARLY TO ENSURE PROTECTION OF THE POND AND WETLAND.
 - THE HISTORIC FOUNDATION SHALL BE REMOVED ALONG WITH ANY ASSOCIATED FILL TO A REASONABLE DEGREE. IF NECESSARY, THE LAND SHALL BE LEVELLED OUT BY RAISING THE GRADE WITH CLEAN LOAM TO ACHIEVE AN EVEN GRADE.
 - IF NECESSARY THE TOP SIX INCHES OF SOIL SHALL BE AMENDED WITH A 50%/50% LOAM COMPOST MIX TO ACHIEVE A PLANTABLE SURFACE.
 - BEAR SOIL SURFACE SHALL BE SEEDED WITH AN UPLAND CONSERVATION MIX AND TOPPED WITH LOOSE STRAW MULCH.
 - THE AREA SHALL THEN BE PLANTED WITH A RELATIVELY EVEN MIXTURE OF NATIVE SHRUBS, 6 FEET ON CENTER AND SHALL BE 24" - 36" AFTER PLANTING.
 - SHRUB SPECIES SHALL INCLUDE RED OSGER DOGWOOD (CORNUS SERICEA), WINTERBERRY (ILEX VERTICILLATA), AND HIGHBUSH BLUEBERRY (VACCINIUM CORYMBOSUM).
 - A MONITORING REPORT WITH PHOTOGRAPHS SHALL BE SUBMITTED TO DEM AT THE CONCLUSION OF THE WORK.

- NOTES:**
- PROPERTY LINES AND TOPOGRAPHIC MAPPING INFORMATION FROM PLANS ENTITLED "SURVEY PLAN SHOWING EXISTING CONDITIONS" PREPARED BY FLYNN SURVEYS INC. DATED JANUARY 8, 2022, REVISED JANUARY 29, 2023.
 - THE SITE LIES WITHIN ZONE X, AREA OF MINIMAL FLOOD HAZARD PER FEMA FLOOD INSURANCE RATE MAP PANEL 440990362J, EFFECTIVE OCTOBER 16, 2013.
 - WETLAND DELINEATION CONDUCTED BY AVIZINS ENVIRONMENTAL SERVICES INC.
 - THERE ARE NO EXISTING CATCH BASINS ON LAKESIDE DRIVE IN VICINITY OF PROJECT.
 - CONTRACTOR TO VERIFY CONDITION OF EXISTING EQUIPMENT (PUMP, ADVANTEX MECHANICALS, ADVANTEX POD, ETC) AND DETERMINE FEASIBILITY OF REUSE.

PLAN REVISIONS

REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	3/17/23	WETLANDS RTC	AKG	SFC

SCALE: 1"=10'
 CA JOB #222035
 DATE: 6/29/2022

ISSUED FOR PERMITTING

SITE PLAN

SIROTA RESIDENCE
 763 LAKESIDE DRIVE
 MAP 11 LOT 50
 NEW SHOREHAM, RHODE ISLAND

PREPARED FOR
 THE SIROTA FARGES
 FAMILY TRUST - 2022

Prepared by: **SERGIO F. CHERENZIA**
 No. 9238
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

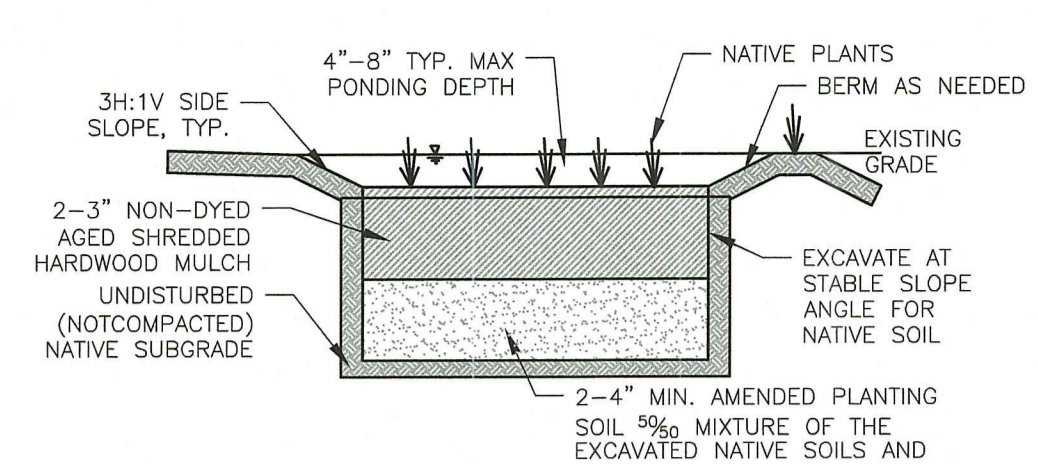
DATE: **MAR 23 2023**
 Office of Water Resources

C-1

FRESH POND

LEGEND

DESCRIPTION	EXISTING	PROPOSED
NOW OR FORMERLY	N/F	—
CONTOURS	- 949	- 943
SPOT GRADE	+ 200.0	X 200.1
SILT FENCE	SF	—
LIMIT OF DISTURBANCE	— LOD	— LOD
BUILDING	—	—
OVERHEAD UTILITIES	o/h	o/h
WELL	W	W
WATER MAIN/SERVICE	—	—
PROPERTY LINE	—	—
UTILITY POLE	—	—
TEST HOLE	—	—
100' UPLAND REVIEW AREA	-100' URA-	—
100' UPLAND AREA - TIDAL	-100' URATW-	—



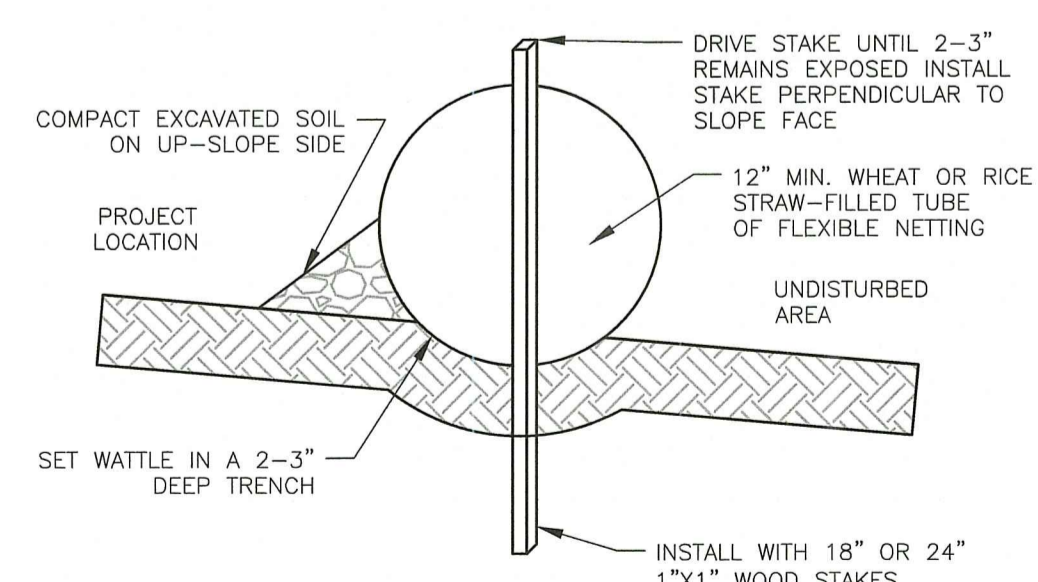
- RAIN GARDEN CONSTRUCTION:**
- A CRUSHED STONE ENTRANCE SHOULD BE INSTALLED AT THE INFLOW TO PREVENT CHANNELING.
 - A BERM TO DETAIN STORMWATER, IF REQUIRED, SHOULD BE CONSTRUCTED ALONG THE DOWNHILL SIDE OF THE RAIN GARDEN, PERPENDICULAR TO THE SLOPE OF THE LAWN, OR AS SHOWN ON THE PLANS.
 - BE SURE THAT THE SOIL WITHIN THE RAIN GARDEN AREA DOES NOT BECOME COMPACTED BY CONSTRUCTION ACTIVITIES (I.E. HEAVY MACHINERY). IF SOIL BECOMES SEVERELY COMPACTED IT MAY NEED TO BE TILLED AND AMENDED TO MAINTAIN PROPER DRAINAGE.
 - THE BOTTOM OF A RAIN GARDEN SHOULD BE LEVEL TO ENCOURAGE THE EVEN DISTRIBUTION OF STORMWATER AND INCREASE INFILTRATION CAPACITY.

- RAIN GARDEN MAINTENANCE NOTES:**
- RAIN GARDENS SHALL BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO PRECIPITATION EVENTS OF AT LEAST 1.0 INCH TO ENSURE THE SYSTEM IS FUNCTIONING PROPERLY. THEREAFTER, THE RAIN GARDEN SHALL BE MONITORED AND MAINTAINED TO ASSURE PROPER FUNCTIONING, PLANT GROWTH AND SURVIVAL. PLANTS SHALL BE REPLACED ON AN AS-NEEDED BASIS DURING THE GROWING SEASON.
 - SILT/SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATION EXCEEDS ONE INCH, OR WHEN WATER POUNDS ON THE SURFACE OF THE RAIN GARDEN OR MORE THAN 48 HOURS. THE TOP FEW INCHES OF MATERIAL SHALL BE REMOVED AND SHALL BE REPLACED WITH FRESH SOIL MIXTURE AND MULCH.
 - PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
 - SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
 - FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
 - PERENNIAL PLANTS AND GROUND COVERS SHALL BE REPLACED AS NECESSARY TO MAINTAIN AN ADEQUATE VEGETATED GROUND COVER. ANNUAL PLANTS MAY ALSO BE USED TO MAINTAIN GROUND COVER.

RAIN GARDEN

NTS CA-D-019

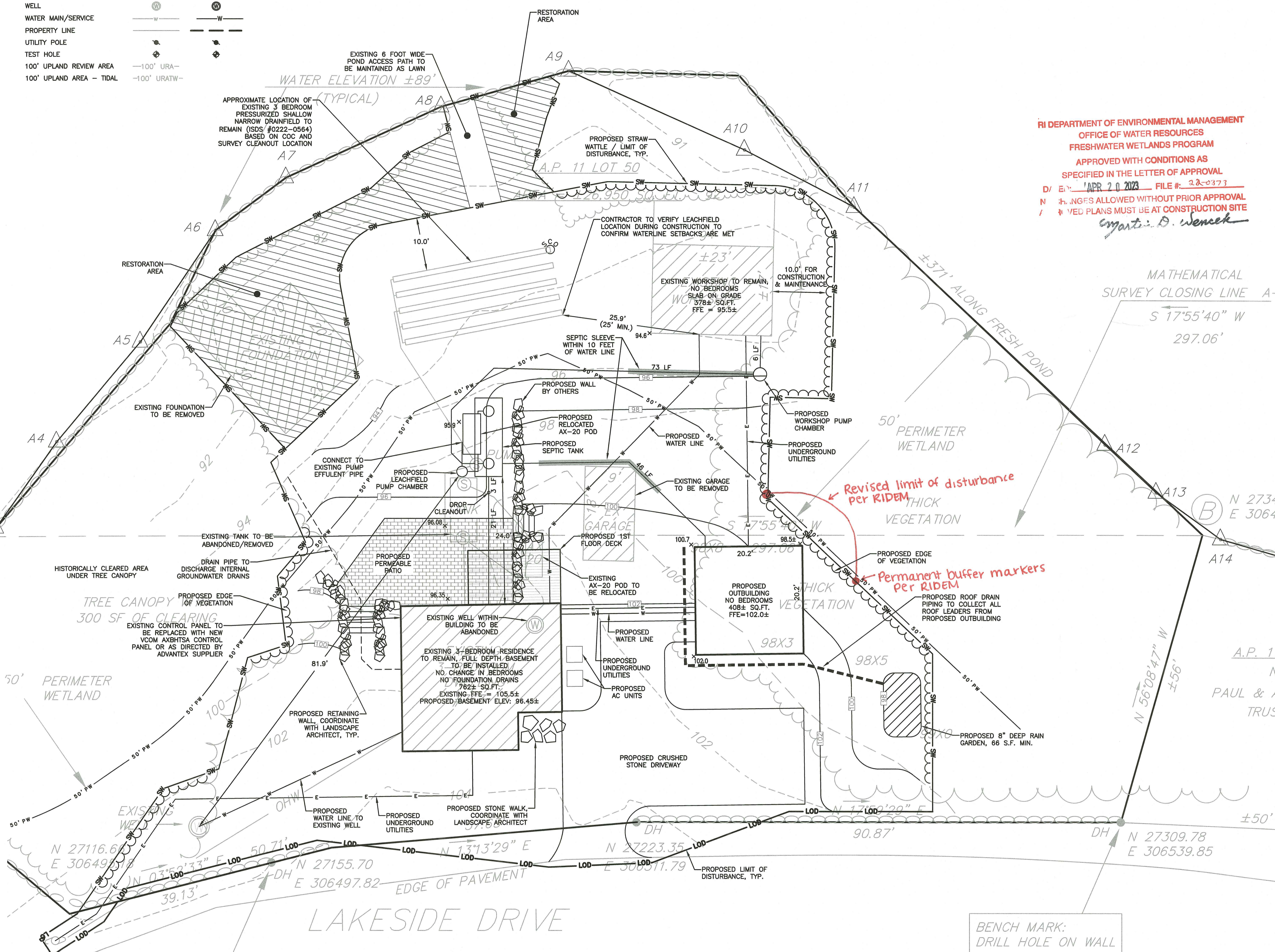
SLOPE STEEPNESS	MAXIMUM SPACING (FT)
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100



- NOTES:**
- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHALL BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
 - PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT THE SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UP-HILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
 - SECURE THE WATTLE WITH 18-24" STAKES EVERY 3-4' WITH A STAKE ON EACH END. STAKES SHALL BE DRIVEN THROUGH THE MIDDLE OF THE WATTLES LEAVING AT LEAST SAMPLE LINE 2-3" OF STAKE EXTENDING ABOVE. THE WATTLE STAKES SHALL BE DRIVEN PERPENDICULAR TO SLOPE FACE.
 - MAX. DRAINAGE AREA ≤ 0.25 ACRES/100 LINEAR FEET.

STRAW WATTLE

NTS CA-BC-002



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 D/ E/ APR 20 2023 FILE # 22-0373
 NONGS ALLOWED WITHOUT PRIOR APPROVAL
 REVED PLANS MUST BE AT CONSTRUCTION SITE
 Signature: D. Wencel

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
 Kindly be advised that this Permit is not equivalent to a verification of this type or extent of estuarine or wetlands on site

BENCH MARK:
 DRILL HOLE ON WALL
 ELV. = 106.30'
 DATUM (NAVD88)

BENCH MARK:
 DRILL HOLE ON WALL
 ELV. = 101.0'
 DATUM (NAVD88)

