

**KIRBY RESIDENCE
SINGLE FAMILY STORMWATER SIZING**

TOTAL BUILDING AREA (INC. DECKS)	1756 SQ.FT.
SOILS	LOAMY SILT - LOAM ESGWT -0" REF. TABLE 8
DRAINAGE AREA REQUIRED	288 SQ.FT.
USE TWO RAIN GARDENS	
A.	10x15' 150 SQ.FT.
B.	10x15' 150 SQ.FT.
TOTAL PROVIDED	300 SQ.FT. > 288 SQ.FT.

SURVEY NOTES:

- ZONING INFORMATION SHOWN FROM RECORD INFORMATION, MAPS AND / OR GIS. ZONING DATA MAY VARY BASED ON USE, LOT SIZE, ORIENTATION AND OTHER FACTORS AND IS SHOWN FOR REFERENCE INFORMATION ONLY.
- ZONING DATA MUST BE CONFIRMED WITH ZONING OFFICIAL AND / OR LEGAL COUNSEL FOR USE IN DESIGN OR PERMITTING.
- COORDINATE SYSTEM IS NAD83 / NAVD 88.
- TOPOGRAPHY IS MIX OF ON GROUND SHOTS, RECORD DATA AND RI SPRING 2011 LIDAR.
- ALL PROPOSED ITEMS MUST BE LAID OUT BY REGISTERED SURVEYOR AS NOTED.
- PLAN IS NOT AS-BUILT UTILITY PLAN.
- LOCATION OF SUBSURFACE MANS, SURFACE FEATURES, AND / OR LATERALS ARE OMITTED. CONTRACTOR TO CALL DIG SAFE AND/OR APPLICABLE UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. DIG SAFE TEL #1-800-344-7233 (1-800-DIG-SAFE).
- PROPERTY LINE INFORMATION DISPLAYED FROM CAD FILE PROVIDED BY M.J. GASTON ASSOCIATES. REFER TO CLASS 1 SURVEY PLAN OF LAND FOR KEVIN KIRBY. PROPERTY INFORMATION DISPLAYED FOR COORDINATION ONLY.

BENCHMARK NOTE:

NEI PROVIDES A MINIMUM OF TWO SITE BENCHMARKS. CONTRACTOR TO VERIFY ALL BENCHMARKS EXIST PRIOR TO CONSTRUCTION. ELEVATIONS OF ALL BENCHMARKS TO BE FIELD VERIFIED (SHOT IN FIELD WITH APPROPRIATE EQUIPMENT) AND VERTICAL DIFFERENTIAL VERIFIED. IF VERTICAL DIFFERENTIAL EXCEEDS 0.05' IT SHALL BE IMMEDIATELY REPORTED TO NEI FOR INSPECTION. DIFFERENTIAL IN EXCESS OF 0.05' INDICATES THAT BENCHMARKS MAY HAVE BEEN DISTURBED AND ARE NOT SUITABLE FOR USE. NO WORK SHALL COMMENCE UNTIL BENCHMARKS HAVE BEEN VERIFIED BY NEI.

WETLAND FLAGGING:

PERFORMED BY BRANDON FANEUF, PWS ECOSYSTEMS SOLUTIONS

- SET, AUG 2017
- FIELD LOCATED, MIX OF RTK AND TRANSIT
- FLAG LINES: A1 - A18 & 7 B1-B14

811 DigSafe

PLANTINGS FOR BUFFER SELECTED BASED ON RIDEM DOCUMENT "REDUCING DEER DAMAGE".
REF: [HTTP://WWW.DEM.RI.GOV/PROGRAMS/BNATRES/FISH/WLD/PDF/DEERDAMG.PDF](http://www.dem.ri.gov/PROGRAMS/BNATRES/FISH/WLD/PDF/DEERDAMG.PDF)

WETLAND DISTURBANCE AREA TABLE

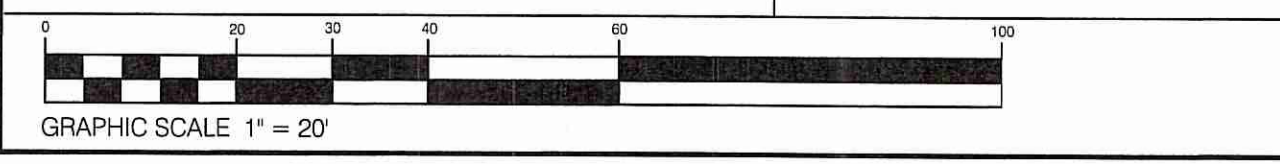
A. PERMANENT WETLAND DISTURBANCE	= ±11,539	SQ. FT.
B. TEMPORARY WETLAND DISTURBANCE	= ±9,341	SQ. FT.
C. LAND TO REVERT TO NATURAL STATE	= ±18,140	SQ. FT.

ZONING DISTRICT DIMENSIONAL REGULATIONS

Zoning District and Use	Minimum Lot Size (S.F.)	Maximum Percentage of Lot to be Occupied	Maximum Height of Building	Minimum Yard Dimensions	Accessory Buildings Minimum Distance in Feet to					
	Area (S.F.)	Width (Ft.)	Principal and Accessory Buildings (Ft.)	Front (Ft.)	Side (Ft.)	Rear (Ft.)	Side Lot Lines	Rear Lot Lines		
R40 Residence District										
Single-family dwelling	40,000	150	15%	35	25	40	30	60	30	15
Livestock farm or animal husbandry services	100,000	250	10%	35	25	50	30	60	30	15
Private college or university, preparatory school, elementary or secondary school	5 acres	300	20%	40	40	60	40	40	40	60
Other permitted uses	40,000	150	15%	35	25	40	30	60	30	15

LEGEND

BRUSH LINE (APPROXIMATE)	CATCH BASIN
100.00' (D) DIMENSION - EXISTING	DRILL HOLE
100.00' (D) DIMENSION - PLAN / DEED	ELECTRIC BOX (ETC)
100.00' (D) DIMENSION - PROPOSED	FIRE HYDRANT
100.00' (S) DIMENSION - SURVEY	GATE VALVE
EDGE OF PAVEMENT - EXISTING	GRANITE BOUND, EXISTING
EDGE OF PAVEMENT - PROPOSED	LOW WATER LINE
ETC - ETC	LIMIT OF DISTURBANCE MARKER
ELECTRIC, TELEPHONE, CABLE (ETC)	MANHOLE (M/T-TYPE)
ELECTRIC - UNDERGROUND (UGE)	REBAR / STEEL PIPE FOUND
FENCE - METAL	SPIKE
FENCE - WOOD	X 5.10 SPOT GRADE - EXISTING
FLOW ARROWS	X 5.10 SPOT GRADE - PROPOSED
GAS (G)	STRUCTURE, EXISTING
GRADE CONTOUR - EXISTING	STRUCTURE, PROPOSED
GRADE CONTOUR - PROPOSED	SURVEY MARKER, PROPOSED
HIGH-VISIBILITY FENCE (HVF)	TREE
LIMIT OF DISTURBANCE	UTILITY POLE
PROPERTY LINE - ABUTTING	WATER SHUT OFF
PROPERTY LINE - EXISTING	WETLAND FLAG LOCATION
PROPERTY LINE - PROPOSED	WETLAND LIMIT
SANITARY SEWER (S)	
SEDEMENT CONTROL	
SETBACKS	
STORM DRAIN (SD)	
SUBDIVISION LINE - EXISTING	
WATER LINE	



NARRAGANSETT ENGINEERING INC.

MAIN OFFICE:
3102 EAST MAIN ROAD,
PORTSMOUTH, RI 02871
TEL : (401) 683-6630

nei-cds.com

SHEET TITLE
**PROPOSED SITE PLAN
KIRBY RESIDENCE**

OWNER(S) OF RECORD
N/F KEVIN KIRBY
69 SACHUEST WAY
MIDDLETOWN RI 02842

SITE LOCATION
SACHUEST WAY
MIDDLETOWN RI

PLAT: 125 LOT: 64

KAMAL R. HINGORANY

REGISTERED PROFESSIONAL ENGINEER

09/12/2017

PROJECT #	DATE	DRAWN	CHECK
17.0130	08.23.17	NKH	DBH

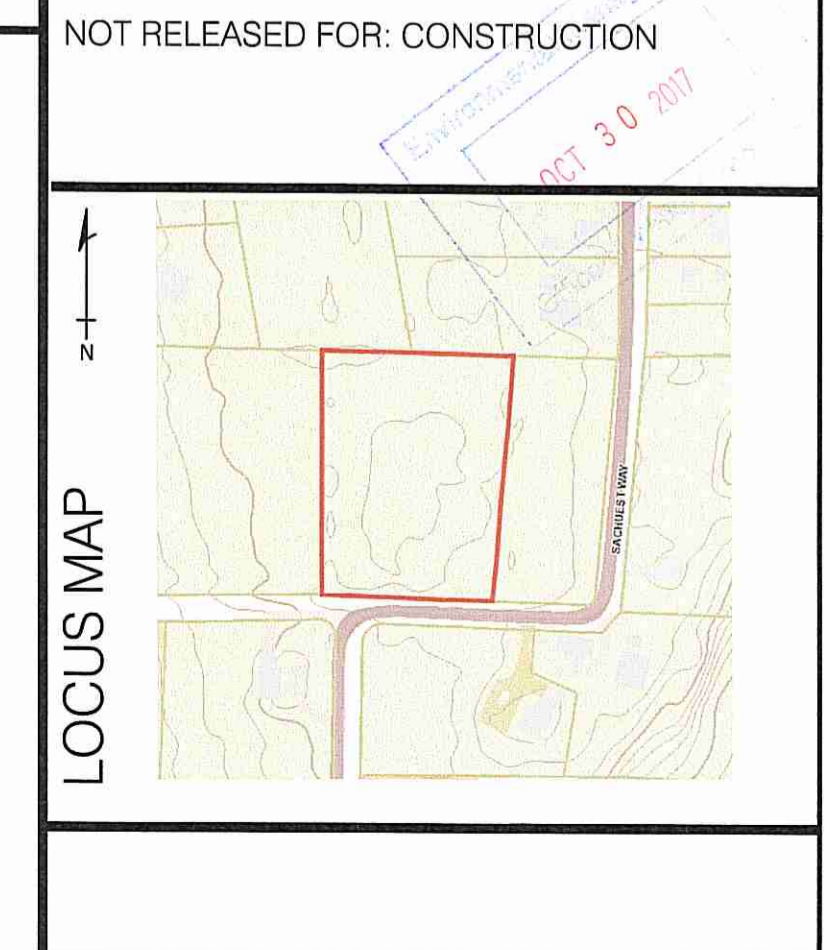
REVISIONS

No.	DATE	DESCRIPTION	BY
1	10.23.17	PER RIDEM STAFF REVIEW (C.S.) - TEL.	NKH

NEI

RELEASED FOR: WETLAND PERMIT ONLY

NOT RELEASED FOR: CONSTRUCTION



C.01 DRAWING SCALE: 1" = 20'

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