

LOCUS MAP
NOT TO SCALE

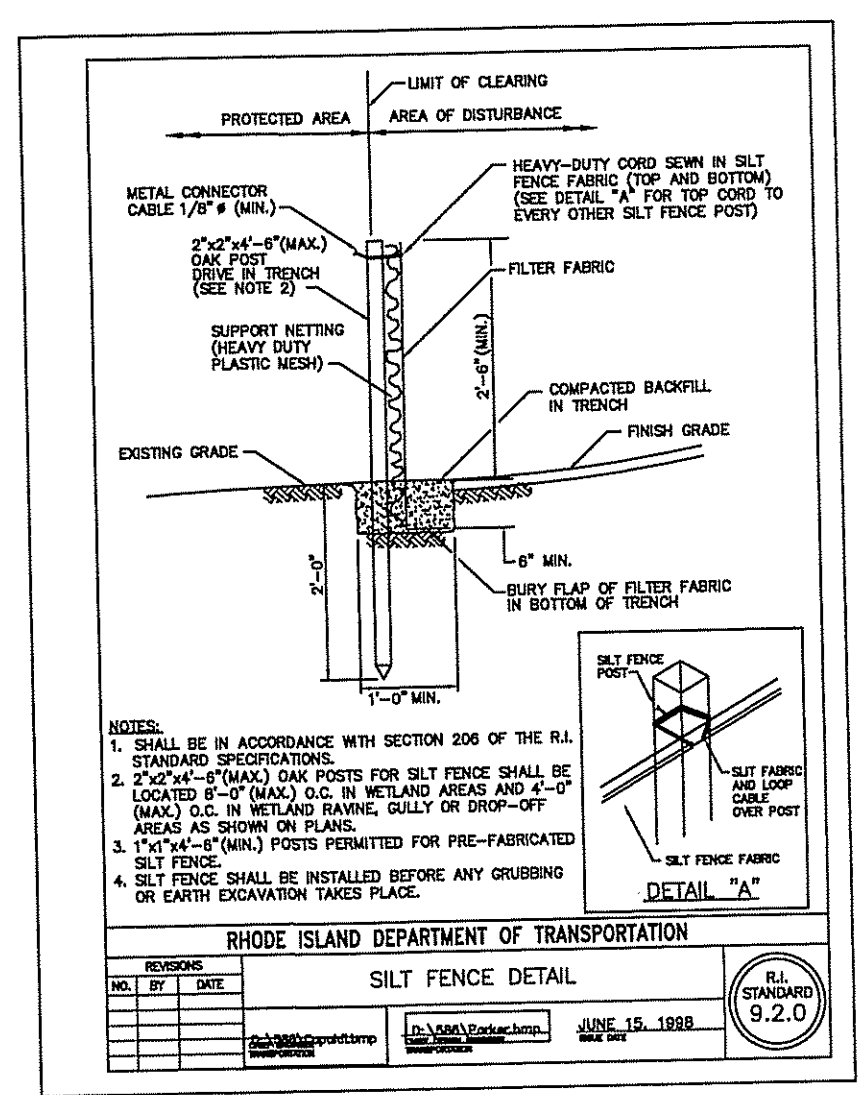
ZONING DISTRICT: RSW 60/80

PUBLIC WATER

MINIMUM LOT AREA 60,000 SF
 MINIMUM LOT WIDTH & FRONTAGE 200 FT
 MINIMUM YARDS: FRONT 50 FT
 SIDE 35 FT
 REAR 60 FT
 MAXIMUM BUILDING HEIGHT 36 FT
 MAXIMUM LOT COVERAGE 15%

OWNER/APPLICANT:
 ROSSINI & SMITH
 P.O. BOX 782
 NORTH KINGSTOWN, RI 02852

NOTES:
 1. RIDEM FRESHWATER WETLAND APPLICATION #17-0222



GENERAL

- THIS PLAN IS INTENDED TO PROVIDE GUIDANCE AND INSTRUCTION TO THE OWNER AND CONTRACTORS IN THE PREVENTION OF EROSION AND SEDIMENTATION BOTH ON-SITE AND OFF-SITE. THIS PLAN IS INTENDED TO ALLOW ANY EROSION APPROVALS TO BE MORE SPECIFIC IN ADDRESSING ITEMS OF CONCERN. IF, UPON ISSUANCE OF ANY ORDER, APPROVAL OR PERMIT BY ANY MUNICIPAL, STATE OR FEDERAL ENTITY, ANY ITEMS SPECIFIED HEREIN ARE IN CONFLICT WITH SUCH ORDERS, SAID ORDERS SHALL SUPERCEDE THE REQUIREMENTS SPECIFIED ON THIS PLAN.
- THIS PLAN IS PART OF A SET OF DOCUMENTS THAT ARE TO BE VIEWED AND REVIEWED IN THEIR ENTIRETY. SUCH DOCUMENTS INCLUDE THE CONSTRUCTION SPECIFICATIONS, CONSTRUCTION PLANS AND ANY PERMITS ISSUED BY THE TOWN OF SCITUATE OR THE STATE OF RHODE ISLAND, THEIR AGENTS, OR OTHER REGULATORY AGENCIES.

EROSION CONTROL MEASURES

- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT EROSION AND SEDIMENTATION ARE CONTROLLED. THIS PLAN SHALL BE ADAPTED TO FIT THE CONTRACTOR'S EQUIPMENT, WEATHER CONDITIONS, AND ANY ORDERS ISSUED BY THE REGULATORY AGENCY HAVING JURISDICTION OVER THIS PROJECT.
- THE MOST IMPORTANT ASPECTS OF CONTROLLING EROSION AND SEDIMENTATION ARE LIMITING THE EXTENT OF DISTURBANCE AND STABILIZING SURFACES AS SOON AS POSSIBLE. OF SECONDARY IMPORTANCE IN EROSION CONTROL IS THE LIMITING OF THE SIZE AND LENGTH OF THE TRIBUTARY DRAINAGE AREA WITHIN THE WORK SITE. THESE FUNDAMENTAL PRINCIPLES SHALL BE THE KEY FACTOR IN THE CONTRACTOR'S CONTROL OF EROSION ON THE SITE.
- ALL DISTURBED SURFACES SHALL BE STABILIZED A MINIMUM OF 7 DAYS AFTER CONSTRUCTION IN ANY PORTION OF THE SITE THAT CONSTRUCTION HAS CEASED OR IS TEMPORARILY HALTED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND REPAIR OF ALL EROSION CONTROL DEVICES ON SITE. ALL EROSION CONTROL DEVICES SHALL BE REGULARLY INSPECTED. ANY SEDIMENT REMOVED FROM THE CONTROL DEVICES SHALL BE DISPOSED OF OFF-SITE.
- AT NO TIME SHALL SILT-LADEN WATER BE ALLOWED TO ENTER OFF-SITE AREAS OR EXISTING DRAINAGE SYSTEMS. ANY RUNOFF FROM DISTURBED SURFACES SHALL BE DIRECTED THROUGH SETTLING BASINS AND/OR EROSION CONTROL BARRIERS PRIOR TO ENTERING ANY SENSITIVE AREAS.

GENERAL CONSTRUCTION REQUIREMENTS

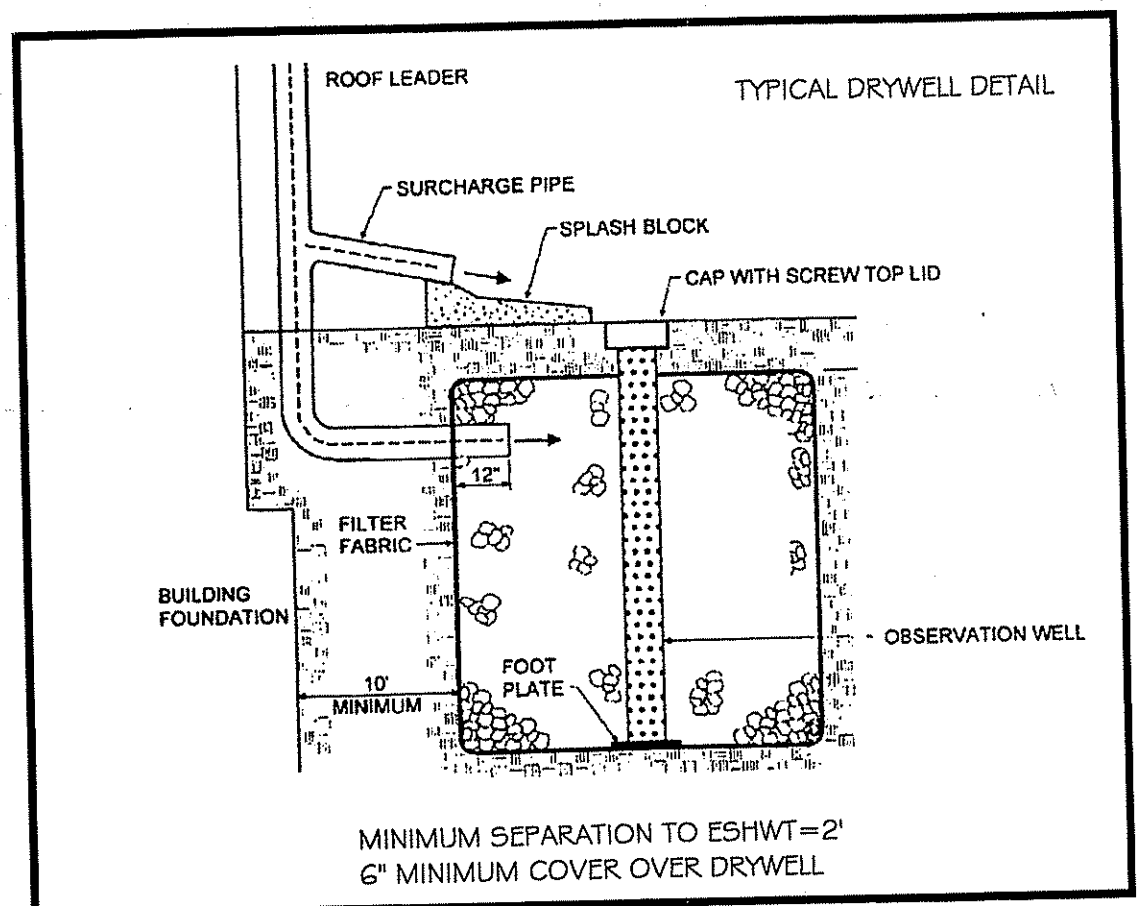
- NO ON-SITE DISPOSAL OF SOLID WASTE, INCLUDING BUILDING MATERIALS, IS ALLOWED. THE BURIAL OF STUMPS, DEMOLITION DEBRIS, CONSTRUCTION DEBRIS OR OTHER MATERIALS SHALL NOT BE ALLOWED ANYWHERE ON-SITE.
- NO MATERIALS SHALL BE DISPOSED OF INTO EXISTING OR PROPOSED SEWER OR DRAINAGE SYSTEMS, EITHER ON-SITE OR OFF-SITE. ALL CONTRACTORS, INCLUDING CONCRETE SUPPLIERS, PAINTERS AND PLASTERERS, SHALL BE INFORMED THAT THE CLEANING OF EQUIPMENT IS PROHIBITED IN AREAS WHERE THE WASH WATER WILL DRAIN DIRECTLY TO OFF-SITE DRAINAGE SYSTEMS.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL WHICH SHALL INCLUDE SWEEPING OF ALL PAVED SURFACES THAT ARE IMPACTED BY SITE CONSTRUCTION ON A REGULAR BASIS, AS NEEDED.

PRE-CONSTRUCTION

- AN EROSION CONTROL BARRIER SHALL BE INSTALLED AT ANY LOCATION WHERE AREAS TO BE DISTURBED COULD CAUSE EROSION TO OTHER AREAS. THESE BARRIERS SHALL REMAIN IN PLACE UNTIL ALL TRIBUTARY SURFACES HAVE BEEN FULLY STABILIZED.
- THE CONTRACTOR SHALL ESTABLISH A STAGING AREA ON A PORTION OF THE AREA TO BE DISTURBED FOR THE OVERNIGHT STORAGE OF EQUIPMENT AND STOCKPILING OF MATERIALS.
- IN THE STAGING AREA, THE CONTRACTOR SHALL HAVE A STOCKPILE OF MATERIALS REQUIRED TO CONTROL EROSION ON-SITE, TO BE USED TO SUPPLEMENT OR REPAIR EROSION CONTROL DEVICES. THESE MATERIALS SHALL INCLUDE, BUT ARE NOT LIMITED TO: HAYBALES, SILT FENCE AND CRUSHED STONE.
- THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON-SITE AND SHALL UTILIZE EROSION CONTROL MEASURES WHERE NEEDED, REGARDLESS OF WHETHER THE MEASURES ARE SPECIFIED HEREIN, ON THE PLAN OR IN ANY ORDERS.

PRELIMINARY SITE WORK

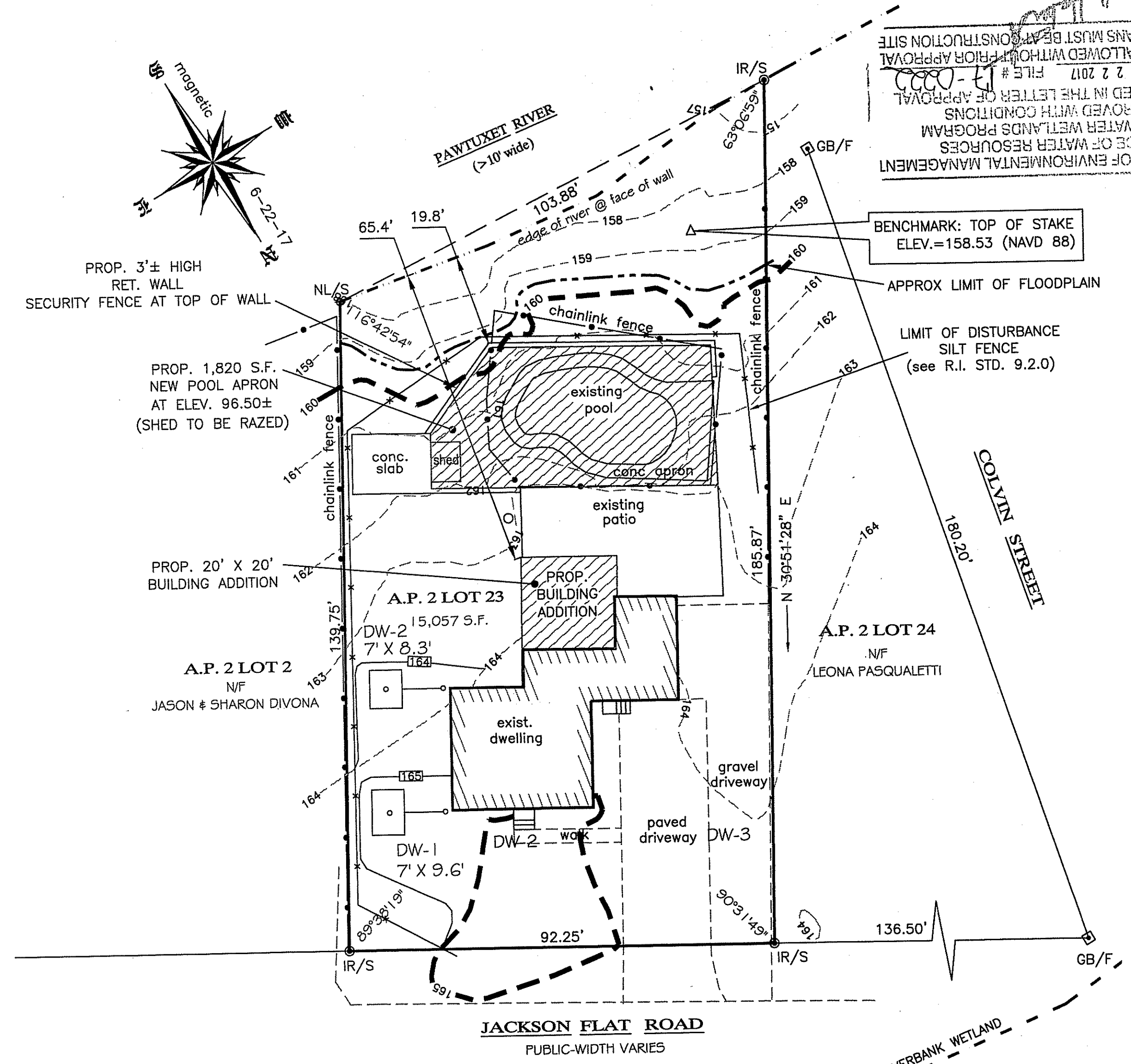
- MATERIAL REMOVED SHOULD BE STOCKPILED, SEPARATING THE TOPSOIL FOR FUTURE USE ON THE SITE. EROSION CONTROL SHALL BE UTILIZED ALONG THE DOWNSLOPE SIDE OF THE PILES IF THE PILES ARE TO REMAIN MORE THAN 3 WEEKS.
- STOCKPILES SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE, IN AREAS OF MINIMAL IMPACT. IF A STOCKPILE IS LOCATED ON A SLOPE, THE RUNOFF SHALL BE DIRECTED AWAY FROM THE PILE.
- IF INTENSE RAINFALL IS ANTICIPATED, THE INSTALLATION OF SUPPLEMENTAL HAYBALE DIKES, SILT FENCES, OR ARMORED DIKES SHALL BE UTILIZED.



DRY WELL CALCULATIONS:
 SOILS AT SITE ARE CANTON CHARLTON (CHB) AND SUTTON (SA)
 ESTIMATED SEASONAL GROUNDWATER TABLES ARE EXPECTED TO BE APPROX. 4' FROM TABLE 10 IN RI STORMWATER DESIGN AND INSTALLATION MANUAL
 EXISTING DWELLING FOOTPRINT IS 1,278 S.F. (OVERDESIGN, USE 1,300 S.F.)
 1,300 S.F. EQUALS 600 S.F. + 700 S.F.
 DRAINAGE AREA 600 S.F. IN SANDY SOILS NEEDS 24 INCH DEPTH BY 58 S.F. AREA.
 DRAINAGE AREA 700 S.F. IN SANDY SOILS NEEDS 24 INCH DEPTH BY 67 S.F. AREA.
 TOTAL AREA REQUIRED = 58 S.F. + 67 S.F. = 125 S.F.
 PROVIDED 1-600 S.F. DRAINAGE AREA + 1-700 S.F. DRAINAGE AREA
 1-7' x 8.3' = 58 S.F. + 1-7' x 9.6' = 67 S.F. - TOTAL AREA = 125 S.F. INFILTRATION AREA

DRAINAGE TABLE:

STRUCTURE	SIZE	ESHW ELEV.	BOTTOM STONE	TOP STONE	FINISHED GRADE
DW 1	7' x 9.6'	160.50	162.50	164.50	165.00
DW 2	7' x 8.3'	159.50	161.50	163.50	164.00



LEGEND:
 □ GB/F GRANITE BOUND FOUND
 ● IR/S IRON ROD SET
 ⊕ NL/S NAIL SET

RICHARD T. BZDYRA
 PROFESSIONAL LAND SURVEYOR

CERTIFICATION:
 THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

TYPE OF BOUNDARY SURVEY: LIMITED CONTENT BOUNDARY SURVEY
MEASUREMENT SPECIFICATION: CLASS I DATA ACCUMULATION SURVEY
 CLASS III

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:
 TO ESTABLISH RECORD BOUNDARY LINES AND TOPOGRAPHY FOR PURPOSES OF A WETLAND APPLICATION.

BY: *[Signature]* DATE: Nov 1, 2017
 BY: RICHARD T. BZDYRA, PLS. LICENSE #1786; COA # LS-A60

WETLAND APPLICATION PLAN
 A.P. 2, LOT 23
 64 JACKSON FLAT ROAD
 SCITUATE, RHODE ISLAND
 Prepared For:
 ARMANDA DOMINGUEZ

Ocean State Planners, Inc.
 SURVEYORS • DESIGNERS
 1255 OAKLAWN AVENUE CRANSTON, RHODE ISLAND
 PHONE (401) 463-9696 FAX (401) 463-9039

REVISION:
 DATE: NOVEMBER 1, 2017
 DRAWN BY: DCD
 SCALE: 1" = 20'
 GRAPHIC SCALE
 SHEET
1
 OF 1 SHEETS
 JOB NO. 9037
 DWG. NO. 9037-WET