

LOCATION PLAN
SCALE: 1" = 2000'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 18 2014 FILE # H-0097
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
Charles A. Herbert

LEGEND

- PROPERTY LINE
- ⊙ UTILITY POLE
- (20)— PROPOSED CONTOUR
- 97.5 PROPOSED SPOT GRADE
- 102 — EXISTING CONTOUR
- x 97.5 EXISTING SPOT GRADE
- - - - - SILT FENCE / LIMIT OF DISTURBANCE
- (S)— EXISTING WATER LINE
- ⊕ EXISTING TEST HOLE WITH PIPE
- ⊙ WELL
- (W)— EXISTING EDGE OF BRUSH



- PLAN NOTES:**
- REFERENCE IS MADE TO "PROPOSED SITE PLAN FOR LAND BELONGING TO DORIS R. ARTHUR, ASSESSOR'S PLAT 9, LOT 537, SITUATED IN THE TOWN OF JAMESTOWN, RI OCTOBER 25, 2010, SCALE 1" = 10", BY AMY N. SONDER, PLS, EASTERBROOKS & ASSOCIATES". BASE PLAN PROVIDED BY SURVEYOR FOR USE IN PREPARATION OF THIS PLAN. ALL ASSOCIATED NOTATIONS AND DECLARATIONS THEREIN ARE INCLUDED BY REFERENCE.
 - REFERENCE IS ALSO MADE TO DEM FRESHWATER WETLANDS PERMIT #10-0217 DATED NOVEMBER 29, 2010.
 - THE WETLANDS FEATURE, AS NOTED ON THE SITE PLAN WERE FLAGGED BY OTHERS AND LOCATED BY EASTERBROOKS & ASSOCIATES.
 - SUBSEQUENT TO SITE PLAN BY EASTERBROOKS & ASSOCIATES, PROPERTY SURVEY BY RC COURNOYER ENTERPRISES, INC. WAS RECORDED ON AUGUST 23, 2011, BOOK 737, PAGE 249, ALTERED PROPERTY LINE AS SHOWN ON THE PLAN. THIS CHANGE DOES NOT IMPACT THE AREA OF THE PROPOSED PROJECT AND IS SHOWN FOR CLARITY ONLY.
 - THIS PLAN IS DEVELOPED FOR PERMITTING WITH THE DEM FRESHWATER WETLANDS SECTION.

GENERAL:
THE CONTRACTOR IS REQUIRED TO MAINTAIN THE CONSTRUCTION AREA IN A SAFE MANNER AND ALL CONSTRUCTION ACTIVITY ON THE SITE IS TO BE DONE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

STRUCTURE:
AN EXISTING DWELLING IS TO REMAIN AND NO ALTERATIONS OR ADDITIONS ARE PROPOSED. ALTERATION OF EXISTING SUMP PUMP DISCHARGE IS PROPOSED UNDER THIS APPLICATION.

WATER SUPPLY:
EXISTING WATER SUPPLY IS FROM THE MUNICIPAL WATER SYSTEM AS SHOWN.

SEWER SERVICE:
EXISTING SEWER SERVICE IS FROM THE MUNICIPAL SEWER SYSTEM AS SHOWN.

UTILITIES:
THE LOCATION OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND HAVE BEEN SHOWN USING THE BEST AVAILABLE DATA.

THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND/OR OTHER APPROPRIATE UTILITY COMPANIES TO ASCERTAIN THE EXACT LOCATION OF THE RESPECTIVE UTILITY PRIOR TO CONSTRUCTION. UTILITIES INCLUDE BUT ARE NOT LIMITED TO GAS, ELECTRIC, WATER, TELEPHONE CABLE TV, ETC.

EROSION AND SEDIMENTATION CONTROL NOTES:
TEMPORARY AND/OR PERMANENT EROSION CONTROL DEVICES SUCH AS BALED HAY, SILT FENCING, ETC. SHALL BE INSTALLED PRIOR TO ANY CLEARING OR EXCAVATION. HAY BALES OR SILT FENCING SHALL BE PLACED IMMEDIATELY DOWN SLOPE AND ADJOINING AREAS OF SOIL DISTURBANCE AND STOCKPILES. INSTALLATION OF ALL EROSION CONTROL DEVICES SHALL BE CONDUCTED IN ACCORDANCE TO DETAIL SPECIFICATIONS.

CLEARING OF EXISTING VEGETATION SHALL BE DONE IN A CONTROLLED MANNER SO AS TO AVOID EXTENSIVE AREAS OF DEFOLIATED TERRAIN SUBJECT TO EROSION. AREAS SO DISTURBED SHALL BE BROUGHT TO FINAL GRADES AND STABILIZED AS SOON AS POSSIBLE.

DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.

ALL EROSION CONTROL DEVICES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS DURING CONSTRUCTION, ESPECIALLY AFTER EACH RAINFALL.

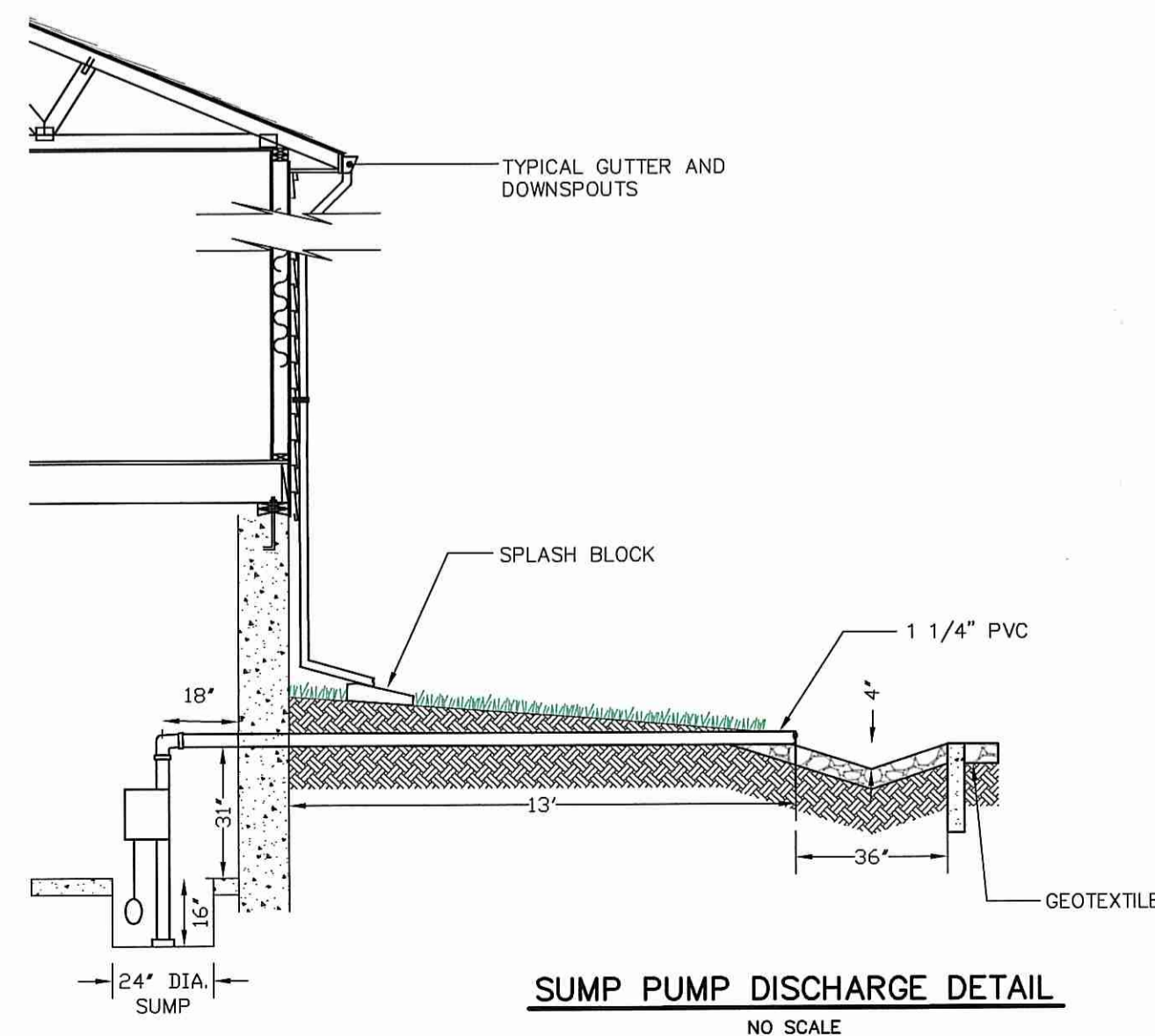
DUE TO CHANGING CHARACTERISTICS OF THE SITE CAUSED BY AND DURING CONSTRUCTION ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE CONDITIONS WARRANT.

IF CONSTRUCTION IS SUSPENDED, ALL DISTURBED AREAS SHALL BE SEEDED AND ALL NECESSARY EROSION CONTROL DEVICES SHALL BE IN PLACE AND IN GOOD WORKING ORDER. IF SEEING IS NOT POSSIBLE THEN EROSION CONTROL MATS SHALL BE PLACED OVER ALL DISTURBED SOIL. EROSION CONTROL BLANKETS (MATS) SHALL BE INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS. EROSION CONTROL BLANKETS (MATS) SHALL BE MANUFACTURED BY NORTH AMERICAN GREEN OR APPROVED EQUIVALENT AND INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

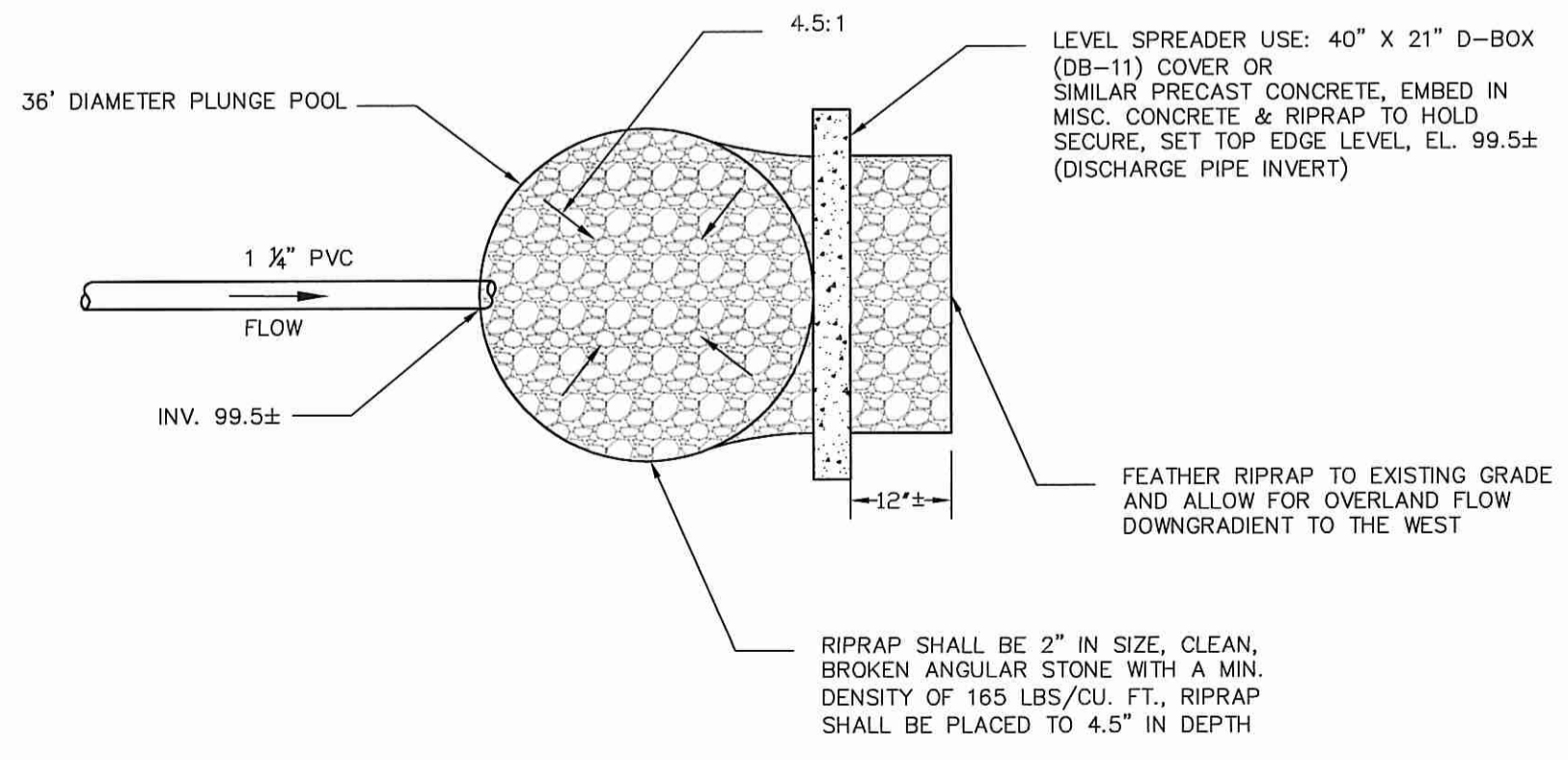
ALL EROSION CONTROL METHODS, MATERIALS AND MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK".

ALL AREAS WHICH ARE DISTURBED DURING CONSTRUCTION ARE TO BE BROUGHT TO FINISHED GRADE WITH AT LEAST 6" MINIMUM DEPTH OF GOOD QUALITY LOAM AND ALL SOIL AMENDMENTS DEEMED NECESSARY. THE AREA SHALL BE SEEDED WITH A QUICK GERMINATING GRASS SEED SUCH AS URI #2 OR APPROVED EQUIVALENT.

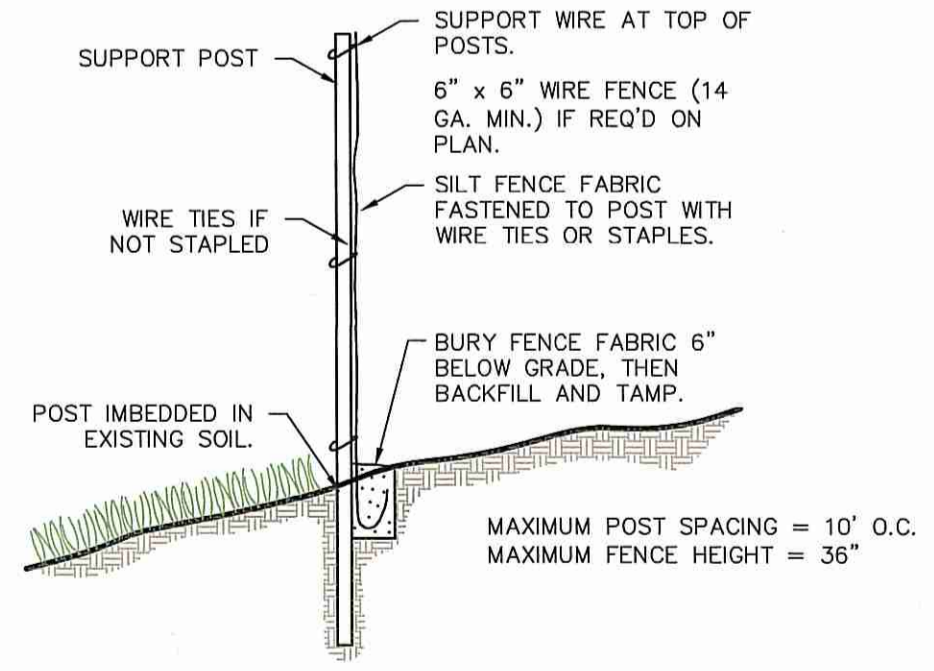
THE CONTRACTOR SHALL PROVIDE FOR ALL SEEDED AREAS TO BE WATERED AND IN GOOD CONDITION UNTIL A GOOD HEALTHY AND UNIFORM GROWTH IS ESTABLISHED OVER THE ENTIRE AREA.



SUMP PUMP DISCHARGE DETAIL
NO SCALE



PLUNGE POOL/LEVEL SPREADER DETAIL
NO SCALE



SILT FENCE DETAIL
NOT TO SCALE

- NOTES:**
- THE PLUNGE POOL IS DESIGNED TO DISSIPATE THE VELOCITY OF THE WATER EXITING THE SUMP PUMP DISCHARGE PIPE. GEOTEXTILE SHALL BE PLACED PRIOR TO PLACEMENT OF ANY RIPRAP.
 - THE LEVEL SPREADER SHALL BE LAID LEVEL USING A LEVEL INSTRUMENT AT 0% GRADE TO ENSURE UNIFORM SHEET FLOW.
 - THE AREA DOWNGRADIENT OF THE LEVEL SPREADER SHALL BE RE-GRADED TO REMOVE THE EROSION CHANNEL. THE AREA SHALL THEN BE LOAMED, SEEDED AND MULCHED OR SPREAD WITH HAY TO ENCOURAGE GROWTH AND STABILIZATION. ANY AREAS OF SUBSEQUENT EROSION SHALL BE RESTORED AND RE-VEGETATED UNTIL THE AREA IS FULLY STABILIZED.
 - THE PREFERRED TIME OF CONSTRUCTION IS DURING A DRY PERIOD, JUNE TO SEPTEMBER, UNLESS OTHERWISE STIPULATED BY DEM IN THE PERMIT APPROVAL.

CJ DOYLE, P.E.
CIVIL ENGINEERING

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NO.	DATE	DESCRIPTION	BY

DRAWING TITLE: **SITE PLAN FOR PROPOSED DRAINAGE FACILITIES**

LOCATED ON: **LOT# 9 PLAT# 537**

OWNED BY: **DORIS R. ARTHUR**

ADDRESS: **6 BALDWIN COURT IN THE TOWN OF JAMESTOWN, RI**

DESIGNED BY: **APRIL 24, 2014 CAROLYN J DOYLE, P.E.**

SCALE: 1" = 10'

DRAWN BY: **CJD** CHECKED BY: **CJD**

DRAWING NO. **SHEET 1 OF 1**

Carolyn J. Doyle
No. 5078
REGISTERED PROFESSIONAL ENGINEER
4/29/14