

LEGEND

GB	GRANITE BOUND
FND	FOUND
PL	PROPERTY LINE
S.F.	SQUARE FEET
CHD	CHORD
L	LENGTH
R	RADIUS
T	TANGENT
Δ	DELTA
C.O.	CLEAN-OUT
O.W.T.S.	ON-SITE WASTEWATER TREATMENT SYSTEM
WF	WETLAND FLAG
TYP.	TYPICAL

- NOTES:**
1. THE PARCEL IS PLAT 5, LOT 462.
 2. THE TOTAL PARCEL AREA IS 64,994 S.F. OR 1.4921 ACRES.
 3. THE EXISTING DWELLING ADDRESS IS 12 TABER HILL ROAD.
 4. THE AREA IS ZONED: RA.
 5. SEE DEED BOOK 331 AT PAGE 53 FOR TITLE REFERENCE.

PLAN REFERENCES:

1. PLAN ENTITLED "TABER HILL ACRES, SUBDIVISION OF LAND OWNED BY LODIE BRIEN, NORTH SMITHFIELD, R.I., SCALE: 1"=50', DATED: DECEMBER 1976, BY BIBEALUT AND FLORENTZ ENGINEERING CO.," WHICH IS RECORDED IN THE TOWN OF NORTH SMITHFIELD REGISTRY OF DEEDS ON SHELF #20.

LOCUS
NOT TO SCALE

SEDIMENTATION AND EROSION CONTROL:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION & EROSION CONTROL.
2. EMBANKMENT SLOPES & ALL DISTURBED AREAS ARE TO RECEIVE A LAYER OF TOPSOIL (LOAM) AND SEED.
3. IMMEDIATELY UPON COMPLETION OF THE CLEARING AND GRUBBING AND PRIOR TO ANY ROUGH GRADING, A TEMPORARY SILT FENCE OR HAY BALES SHALL BE PLACED AT THE LIMIT OF PERMANENT DISTURBANCE PER PLAN.
4. ALL EROSION & SEDIMENTATION CONTROL SHALL BE PERIODICALLY MAINTAINED DURING BUILDING CONSTRUCTION BY THE CONTRACTOR.

EROSION & SOIL STABILIZATION PROGRAM:

1. TEMPORARY TREATMENTS SHALL CONSIST OF A SILT FENCE, HAY BALES OR PROTECTIVE COVERS SUCH AS FABRIC MATS.
2. THE SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED COVER IS ESTABLISHED.
3. NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1 - OCT. 15.
4. ALL FILL, IF REQUIRED, SHALL BE CLEAN AND THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH RIDWP STANDARD SPECIFICATION SECTION 202.

SEDIMENTATION CONTROL PROGRAM:

1. A TEMPORARY SILT FENCE, HAY BALES OR PROTECTIVE COVER SHALL BE INSTALLED PRIOR TO CONSTRUCTION & SHALL BE MAINTAINED ON A DAILY BASIS. IN ADDITION TO THE LINE OF THE SILT FENCE AT THE LIMIT OF PERMANENT DISTURBANCE, TEMPORARY BARRIERS SHALL BE CONSTRUCTED AT THE TOE OF THE DISTURBED (CUT OR FILL) SLOPES UNTIL VEGETATIVE COVER HAS BEEN ESTABLISHED.
2. ALL HAY BALES USED WITH THE SILT FENCE ARE TO HAVE TWO STAKES DRIVEN INTO EACH HAY BALE.
3. THE SILT FENCE AND HAY BALES ARE TO BE INSPECTED DAILY AND REPLACED AS NEEDED.
4. ALL SEDIMENTATION AND EROSION CONTROLS MUST BE INSTALLED AND PASS THE TOWN'S INSPECTION PRIOR TO ANY CONSTRUCTION WORK.
5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE FLOW DURING STORMS AND PERIODS OF RAINFALL.
6. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.

SLOPE STABILIZATION AND VEGETATION:

1. THE SILT FENCE OR HAY BALES SHALL BE PLACED AT THE TOE OF ALL DISTURBED SLOPES. THIS SHALL BE MAINTAINED AS A SEDIMENT BARRIER UNTIL THE SLOPES ARE STABILIZED WITH GRASS.
2. THE DISTURBED SLOPES (CUT OR FILL) SHALL BE IMMEDIATELY MULCHED AS AN EROSION PROTECTION MEASURE.
3. MAINTAIN MULCH UNTIL THE SLOPES ARE STABILIZED WITH A SATISFACTORY GROWTH OF GRASS.
4. VEGETATION REMOVED MAY BE SHREDDED AND CHIPPED ON SITE FOR USE AS MULCH, OR IT MAY BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
5. THE RESEEDING OF THE DISTURBED SLOPES SHALL BE CONDUCTED WITH SEED MATERIALS SELECTED FOR PRODUCTION OF A QUICK COVER AND HARDY STAND. PARTICULARLY A CONSERVATION GRASS SEED OR COMPARABLE. THE SEEDING SHALL BE IN ACCORDANCE WITH COMMON NURSERY PRACTICE IN THE RHODE ISLAND AREA.
6. PROVIDED THAT THE PROVISIONS OF THE SEDIMENTATION & EROSION CONTROL PLAN ARE IMPLEMENTED, THERE WILL BE NO ADVERSE ENVIRONMENTAL EFFECTS FROM THE PROPOSED CONSTRUCTION.

SIZING CALCULATION FOR RAIN GARDEN "A" PER RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE DOCUMENT FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT - TABLE B: RAIN GARDEN SIZING GUIDANCE

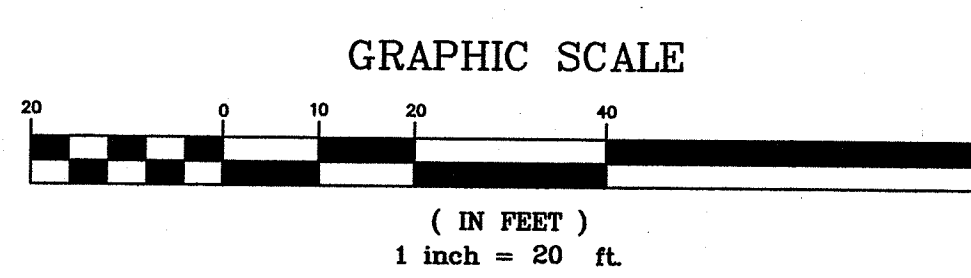
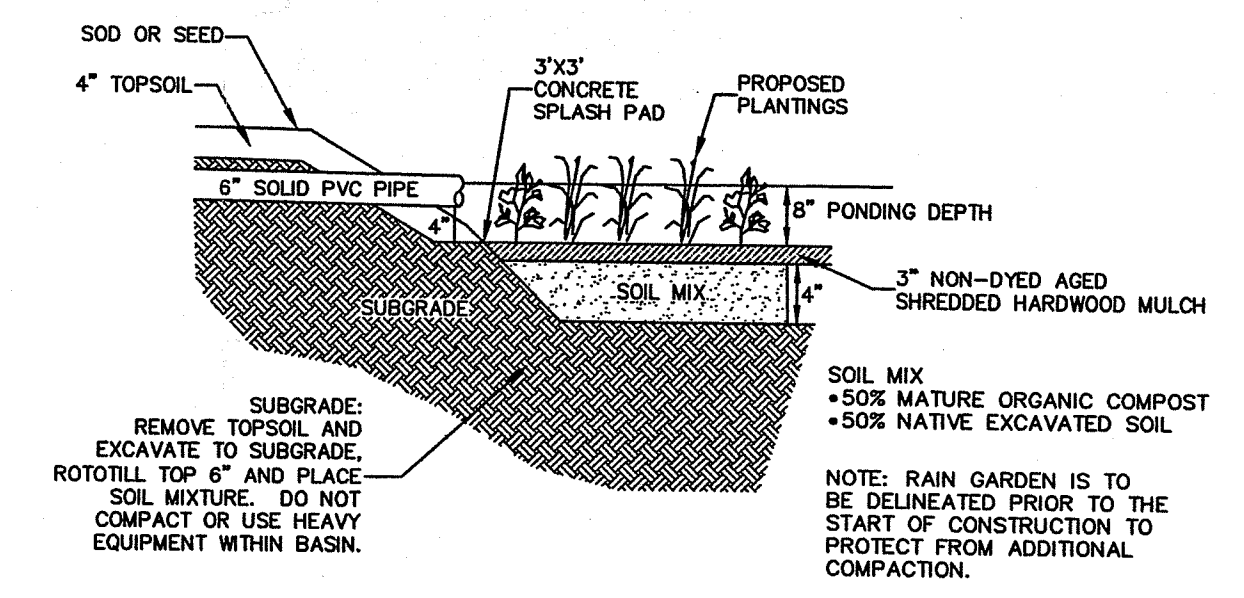
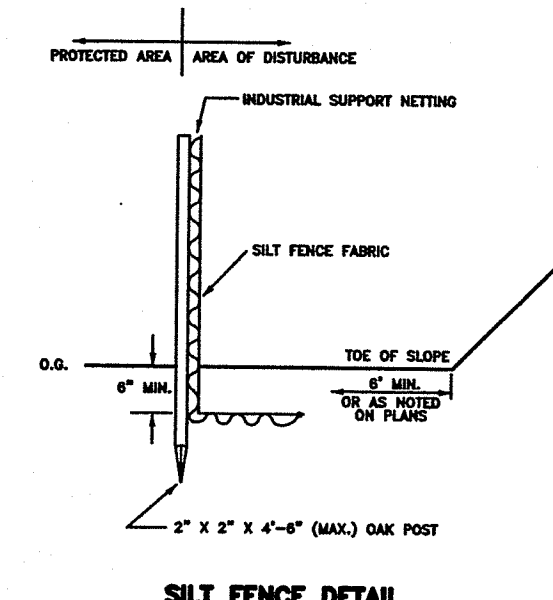
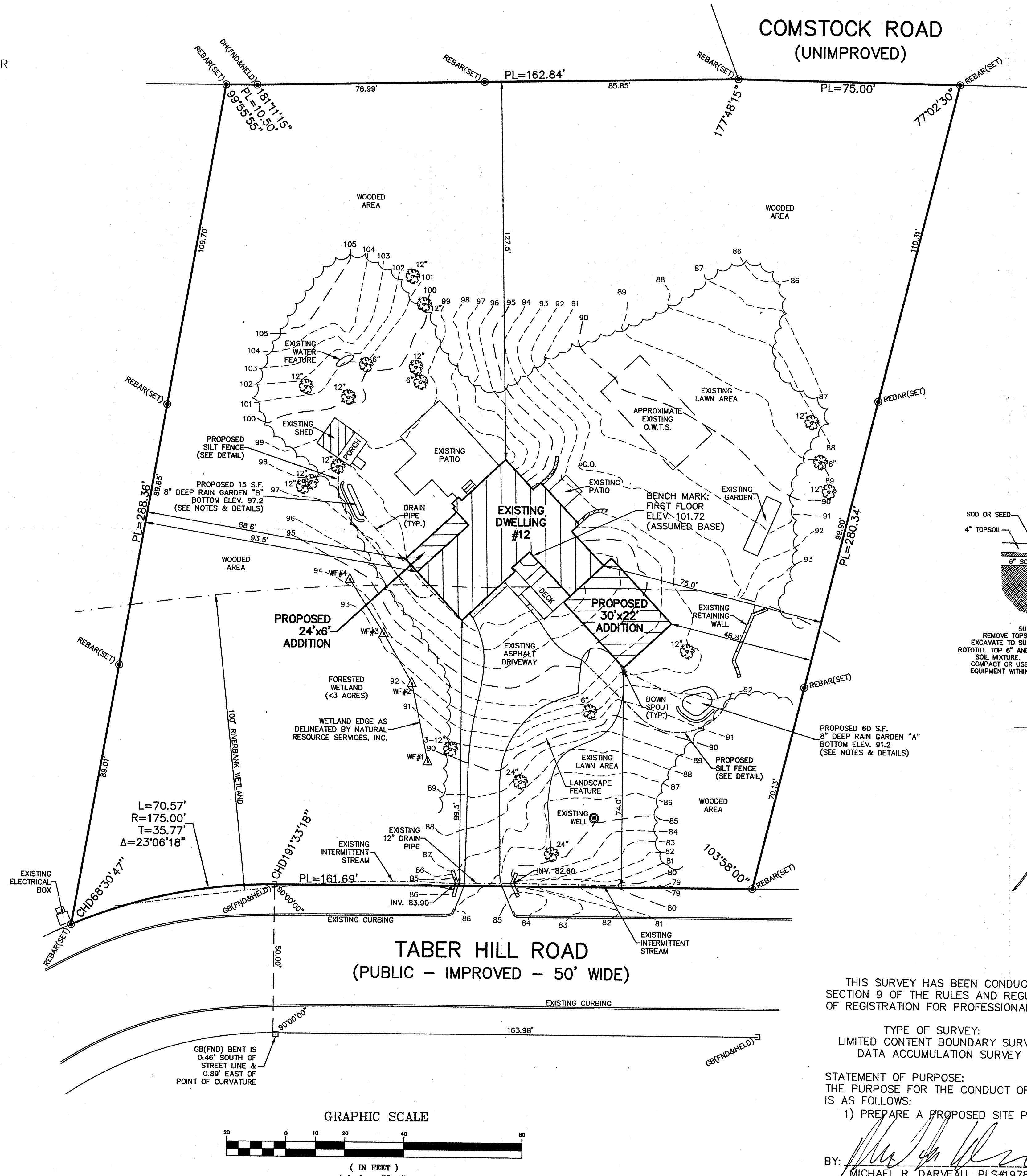
- * RAIN GARDEN "A" IS FOR RUN-OFF FROM THE PROPOSED 30'x22' DWELLING ADDITION.
- * PROPOSED IMPERVIOUS AREA = 660 S.F.
- * RAIN GARDEN "A" DEPTH = 8 INCHES
- * SOIL TYPE: SANDY SOILS = 0.08 SIZING FACTOR (1-INCH STORM EVENT)
- * 660 S.F. X 0.08 = 52.8 S.F. RAIN GARDEN NEEDED
- * PROPOSED RAIN GARDEN "A" BOTTOM AREA = 60 S.F.

SIZING CALCULATION FOR RAIN GARDEN "B" PER RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE DOCUMENT FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT - TABLE B: RAIN GARDEN SIZING GUIDANCE

- * RAIN GARDEN "B" IS FOR RUN-OFF FROM THE PROPOSED 24'x6' DWELLING ADDITION.
- * PROPOSED IMPERVIOUS AREA = 144 S.F.
- * RAIN GARDEN "B" DEPTH = 8 INCHES
- * SOIL TYPE: SANDY SOILS = 0.08 SIZING FACTOR (1-INCH STORM EVENT)
- * 144 S.F. X 0.08 = 11.5 S.F. RAIN GARDEN NEEDED
- * PROPOSED RAIN GARDEN "B" BOTTOM AREA = 15 S.F.

RAIN GARDEN NOTES:

1. RAIN GARDEN SHALL BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO (2) PRECIPITATION EVENTS OF AT LEAST 1.0 INCH TO ENSURE THAT 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.
2. SILT/SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATED SEDIMENT EXCEEDS ONE (1) INCH, OR WHEN WATER PONDS FOR MORE THAN 48 HOURS. THE TOP FEW INCHES OF MATERIAL SHALL BE REMOVED AND REPLACED WITH FRESH SOIL MIXTURE AND MULCH.
3. PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
4. SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
5. FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
6. 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.
7. THE PROPOSED PLANTINGS FOR THE RAIN GARDEN SHALL BE SUITABLE NATIVE PLANTS USED IN ACCORDANCE WITH THE RHODE ISLAND COASTAL PLANT GUIDE, WHICH IS LOCATED AT CELS.URI.EDU/TESTSITE/COASTALPLANTS/COASTALPLANTGUIDE.HTM.
8. THE RAIN GARDEN SHALL BE PHYSICALLY DELINEATED PRIOR TO THE START OF CONSTRUCTION TO PREVENT ADDITIONAL COMPACTION.



Michael R. Darveau
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NO. 1978
PROFESSIONAL LAND SURVEYOR
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED MAR 29 2019 FILE # 19-0052
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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

STATEMENT OF PURPOSE:
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:
1) PREPARE A PROPOSED SITE PLAN.

BY: *Michael R. Darveau*
MICHAEL R. DARVEAU, PLS#1978
PRESIDENT, DARVEAU LAND SURVEYING, INC.
DATE: 2/18/19
COA #LS-A497

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PROPOSED SITE PLAN FOR
DAVID CHAMPAGNE
PLAT 5, LOT 462
12 TABER HILL ROAD
NORTH SMITHFIELD, RHODE ISLAND

SCALE: 1" = 20'
DRAWN BY: S.A.K.
DATE: FEB. 18, 2019
REVISION: REVISED
DRAWING NO: 2011_042
SHEET NO: 1 OF 1