

LOCUS
NOT TO SCALE

NOTES:

1. THE PARCEL IS PLAT 16, LOT 917.
2. THE TOTAL PARCEL AREA IS 25,200 S.F. OR 0.5785 ACRES.
3. THE PARCEL IS ZONED: R-1.
4. SEE DEED BOOK 1909 AT PAGE 650 FOR TITLE REFERENCE.
5. THE PARCEL IS SUBJECT TO AND/OR TOGETHER WITH ANY EASEMENTS, RESTRICTIONS, OR COVENANTS OR RECORD.
6. THE PARCEL IS LOCATED IN FLOOD ZONE "X" (AREA OF MINIMAL FLOOD HAZARD) AS SHOWN ON NATIONAL FLOOD INSURANCE RATE MAP 44007C0191H FOR THE TOWN OF CUMBERLAND, EFFECTIVE DATE: 10/2/2015.
7. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE TO BE CONSIDERED APPROXIMATE. "DIG-SAFE" AND/OR ALL APPROPRIATE UTILITY COMPANIES ARE TO BE CONTACTED PRIOR TO THE START OF ANY CONSTRUCTION TO MARK THEIR ACTUAL LOCATIONS.
8. THERE WERE NO SOIL EVALUATION TEST HOLES OR WATER TABLE DETERMINATIONS PERFORMED ON THE SITE TO DETERMINE THE WATER TABLE AT THE PROPOSED DWELLING. THE BASEMENT SLAB ELEVATION IS TO BE DETERMINED BY OTHERS.
9. THE WETLANDS WERE FLAGGED BY ECOTONES, INC. ON DECEMBER 30, 2020, AND FIELD LOCATED BY DARVEAU LAND SURVEYING, INC. ON JANUARY 7, 2021.

TEMPORARY DISTURBANCE NOTES:

1. THE TEMPORARY DISTURBANCE AREA IS TO BE 12- FEET WIDE BY 140- FEET LONG.
2. THE AREA OF TEMPORARY DISTURBANCE IS 1,680± S.F.
3. AFTER THE INSTALLATION OF THE TWO WATER SERVICES, THE DISTURBED AREA IS TO BE REGRADED TO ITS ORIGINAL ELEVATIONS AND ALLOWED TO REVEGETATE NATURALLY.
4. ALL OTHER SITE IMPROVEMENTS (DWELLING, DRIVEWAY, SEWER CONNECTION, ETC.) ARE OUTSIDE THE R.I. DEM JURISDICTIONAL AREAS.
5. NO PERMANENT DISTURBANCE IS PROPOSED WITHIN THE R.I. DEM JURISDICTIONAL AREAS.

GENERAL CONTRACTOR'S NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND ARE TAKEN FROM EXISTING FIELD LOCATION AND/OR EXISTING PLANS.
2. NO EXCAVATION IS TO OCCUR UNTIL "DIG SAFE" AND ALL APPROPRIATE UTILITY COMPANIES HAVE BEEN NOTIFIED AND MARKED THE EXACT LOCATION ON THE GROUND.
3. ALL PROPOSED CONSTRUCTION IS TO MEET THE TOWN OF CUMBERLAND REGULATIONS.

WATER NOTES:

1. THE BEDDING FOR THE PROPOSED WATER SERVICE SHALL BE CLEAN COARSE SAND, 8" AROUND THE SERVICE. IN AREAS OF LEDGE, THE SAND WILL BE 12" AROUND THE SERVICE.
2. THE PROPOSED WATER SERVICE IS TO BE 1" TYPE K COPPER TUBING.

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 SHALL BE PLACED AT THE LIMIT OF PERMANENT DISTURBANCE PER PLAN.
4. ALL EROSION & SEDIMENTATION CONTROL SHALL BE CONTINUALLY MAINTAINED BY THE CONTRACTOR.

EROSION & SOIL STABILIZATION PROGRAM:

1. TEMPORARY TREATMENTS SHALL CONSIST OF A SILT FENCE, HAY BALES, WATTLES (MULCH TUBES), OR PROTECTIVE COVERS SUCH AS FABRIC MATS.
2. ALL CONTROLS 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, WATTLES, OR PROTECTIVE COVER SHALL BE INSTALLED PRIOR TO CONSTRUCTION & SHALL BE MAINTAINED CONTINUALLY. 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. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE FLOW DURING STORMS AND PERIODS OF RAINFALL.
3. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.

SLOPE STABILIZATION AND VEGETATION:

1. ALL CONTROLS 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 THIS SEDIMENTATION & EROSION CONTROL PLAN ARE IMPLEMENTED, THERE WILL BE NO ADVERSE ENVIRONMENTAL EFFECTS FROM THE PROPOSED CONSTRUCTION.

RAIN GARDEN "A" CALCULATIONS:

- * RAIN GARDEN SIZING CALCULATION PER RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE DOCUMENT FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT - TABLE 8: RAIN GARDEN SIZING.
- * TOTAL IMPERVIOUS AREA = 1,466 S.F. DWELLING
- RAIN GARDEN "A" DEPTH = 8-INCHES
- SOIL TYPE: SANDY SOILS = 0.08 SIZING FACTOR
- 1,466 S.F. AREA x 0.08 = 118 S.F. NEEDED
- * RAIN GARDEN "A" AREA PROPOSED = 120 S.F.

RAIN GARDEN "B" CALCULATIONS:

- * RAIN GARDEN SIZING CALCULATION PER RHODE ISLAND STORMWATER MANAGEMENT GUIDANCE DOCUMENT FOR INDIVIDUAL SINGLE-FAMILY RESIDENTIAL LOT DEVELOPMENT - TABLE 8: RAIN GARDEN SIZING.
- * TOTAL IMPERVIOUS AREA = 1,100 S.F. ASPHALT DRIVEWAY
- RAIN GARDEN "B" DEPTH = 8-INCHES
- SOIL TYPE: SANDY SOILS = 0.08 SIZING FACTOR
- 1,100 S.F. AREA x 0.08 = 88 S.F. NEEDED
- * RAIN GARDEN "B" AREA PROPOSED = 90 S.F.

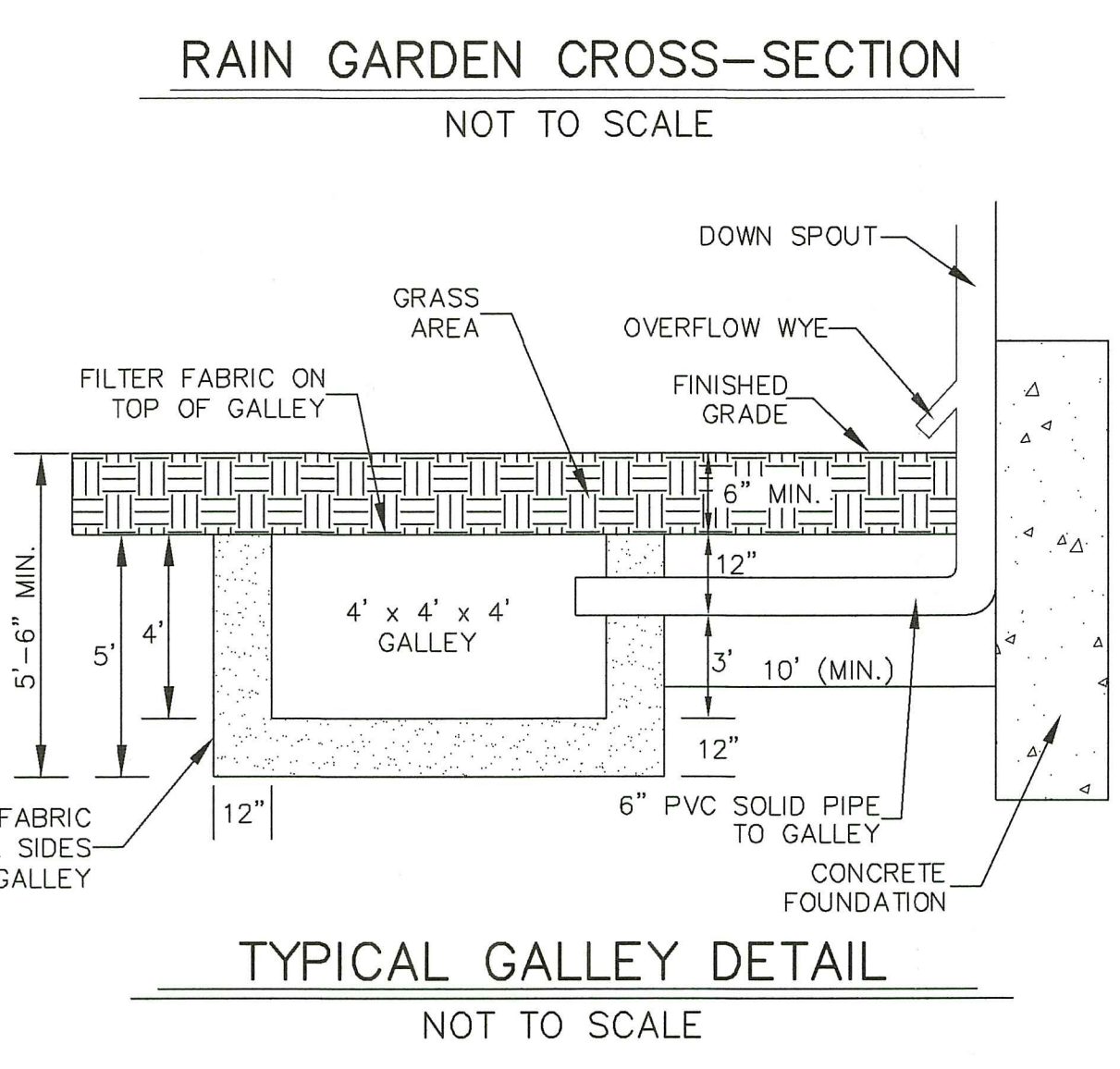
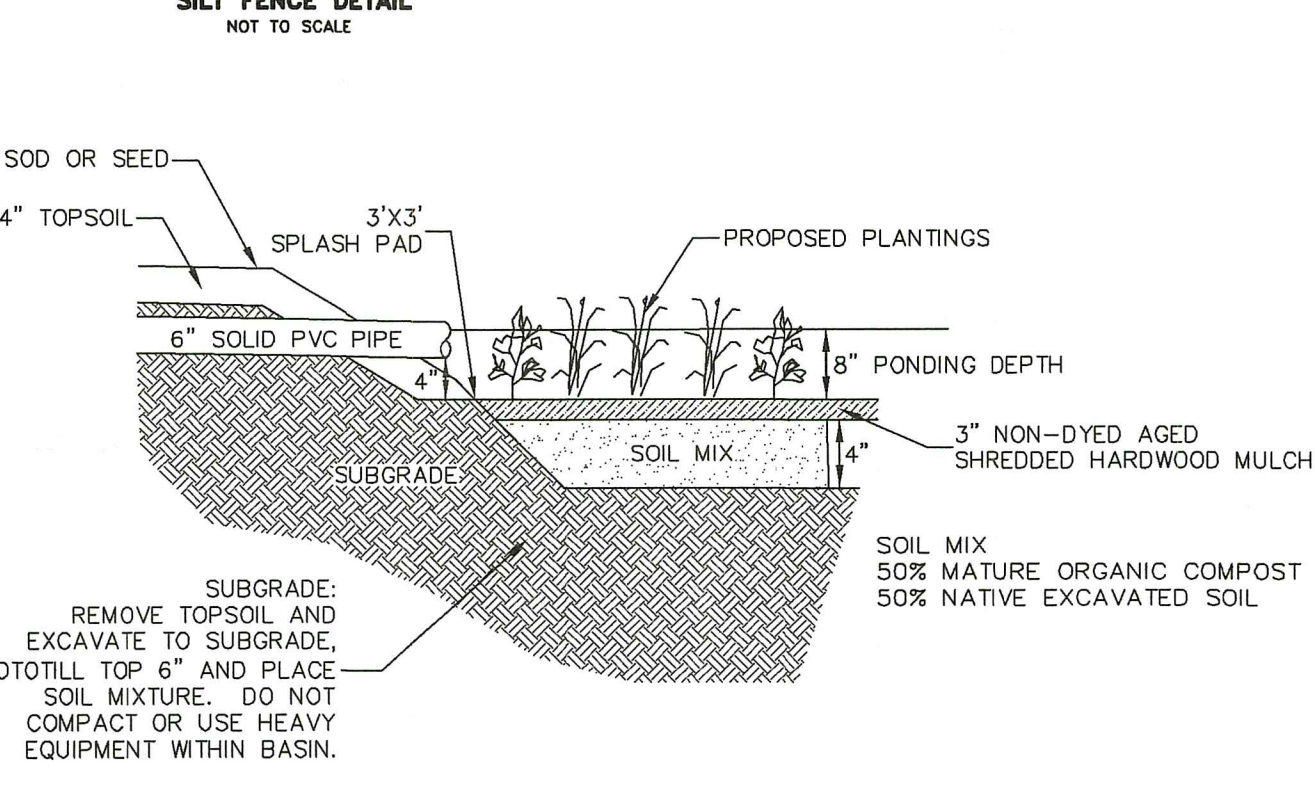
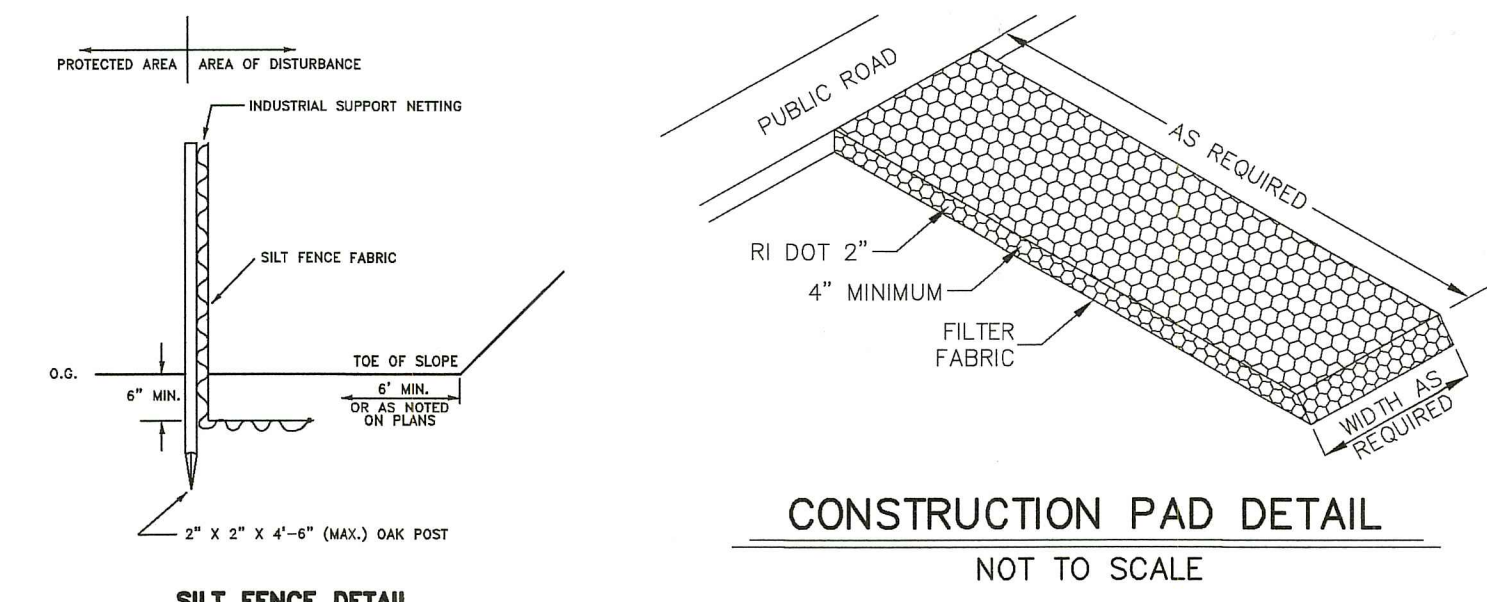
RAIN GARDEN NOTES:

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.

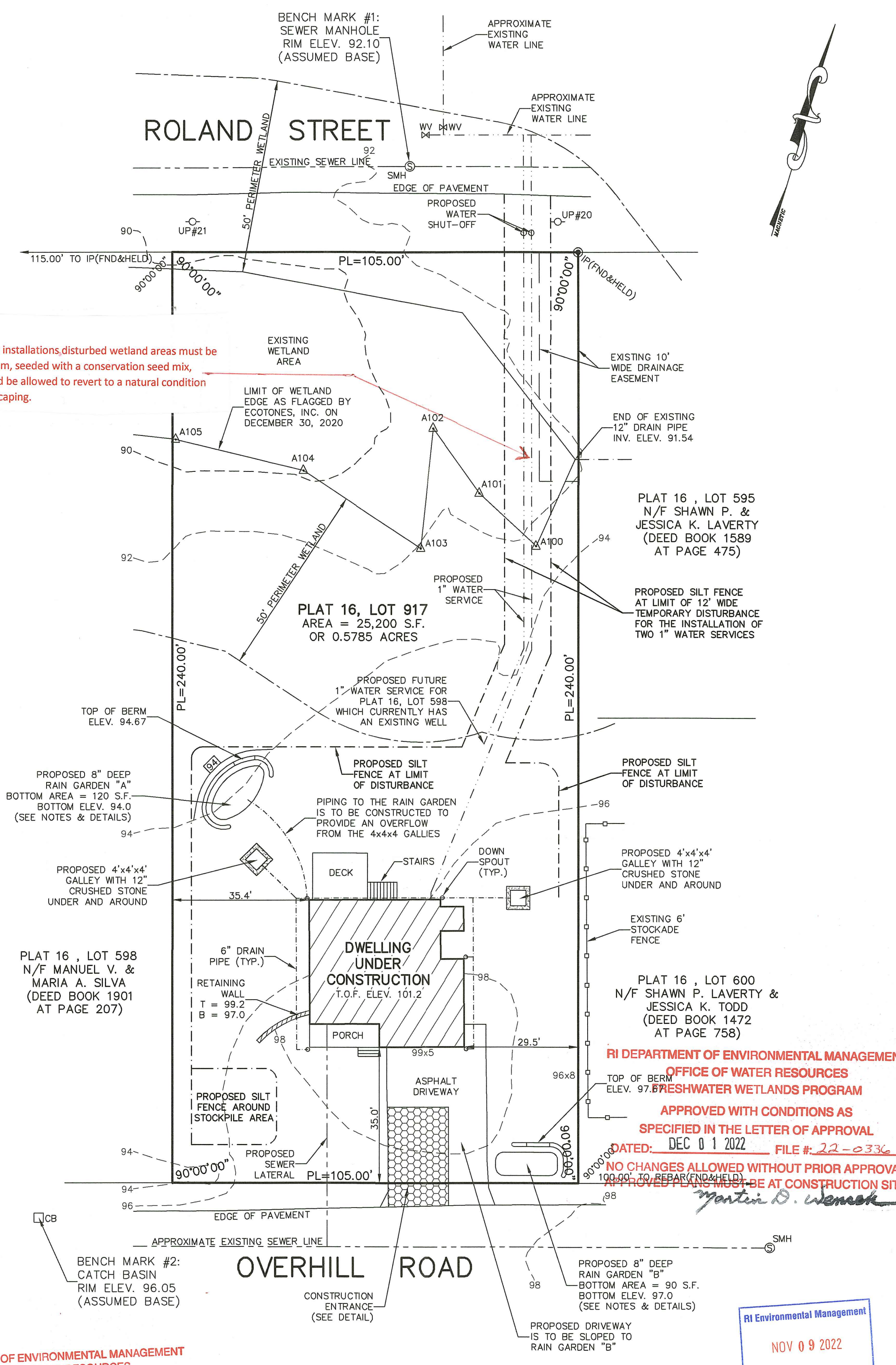
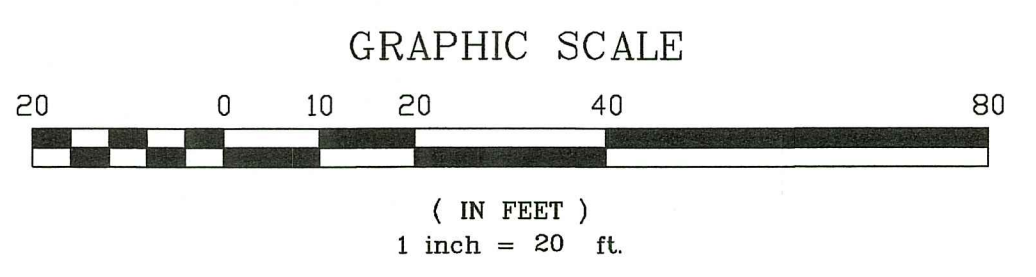
LEGEND

N/F	NOW OR FORMERLY
IP	IRON PIPE
FND	FOUND
S.F.	SQUARE FEET
PL	PROPERTY LINE
WV	WATER VALVE
SMH	SEWER MANHOLE
CB	CATCH BASIN
UP	UTILITY POLE
INV.	INVERT
ELEV.	ELEVATION
TYP.	TYPICAL
MIN.	MINIMUM
T.O.F.	TOP OF FOUNDATION
T	TOP OF WALL
B	BOTTOM OF WALL
A#	WETLAND FLAG

NOTE PER DEM:
Upon completion of the water main installations, disturbed wetland areas must be covered with at least 4-inches of loam, seeded with a conservation seed mix, covered with straw or jute mesh and be allowed to revert to a natural condition free from mowing, pruning or landscaping.



NOTE: SEE APPROVED SUBDIVISION PLANS ENTITLED "FINAL PLAN, MAJOR SUBDIVISION PLAN FOR MARIA A. & MANUEL V. SILVA, PLAT 16, LOT 598, 3 BLISSDALE AVENUE, CUMBERLAND, RHODE ISLAND, SCALE: 1" = 20', DATED: JULY 6, 2021, BY DARVEAU LAND SURVEYING, INC."



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

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: DEC 01 2022 FILE # 22-036

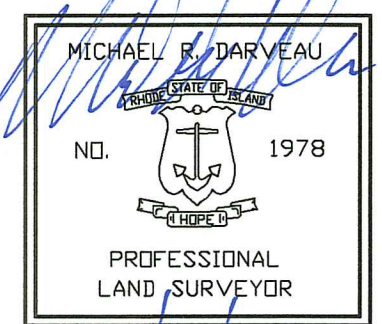
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL

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
TOPOGRAPHIC ACCURACY

MEASUREMENT SPECIFICATION: CLASS I
CLASS III
T-2

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: 11/9/22
COA #LS-A497

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PROPOSED SITE PLAN FOR BRIAN & STACEY SILVA
PLAT 16, LOT 917
29 OVERHILL ROAD
CUMBERLAND, RHODE ISLAND

SCALE: 1" = 20'
DRAWN BY: S.A.K.

REVISID: NOV. 9, 2022
DATE: JUNE 17, 2022

PROJECT NO: 2020_035
SHEET NO: 1 OF 1