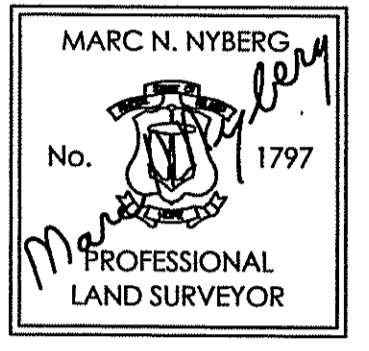


PROPOSED ONSITE WASTEWATER TREATMENT DESIGN and WETLANDS PLAN
for
JOHN GALLAGHER
NORTH SMITHFIELD, RHODE ISLAND
OCTOBER, 2015 SCALE 1"= 30'
SHEET 1 OF 2

REVISED: 2/18/16, 3/28/16, 5/10/16

ASSESSOR'S PLAT 1, LOT 4, AREA: 13.75 Acres±
BENCH MARK: NAIL IN POLE 37, ELEVATION 341.59

LEACHING SYSTEM BY:
MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02896
TEL: (401) 762-2870
FAX: (401) 762-2871

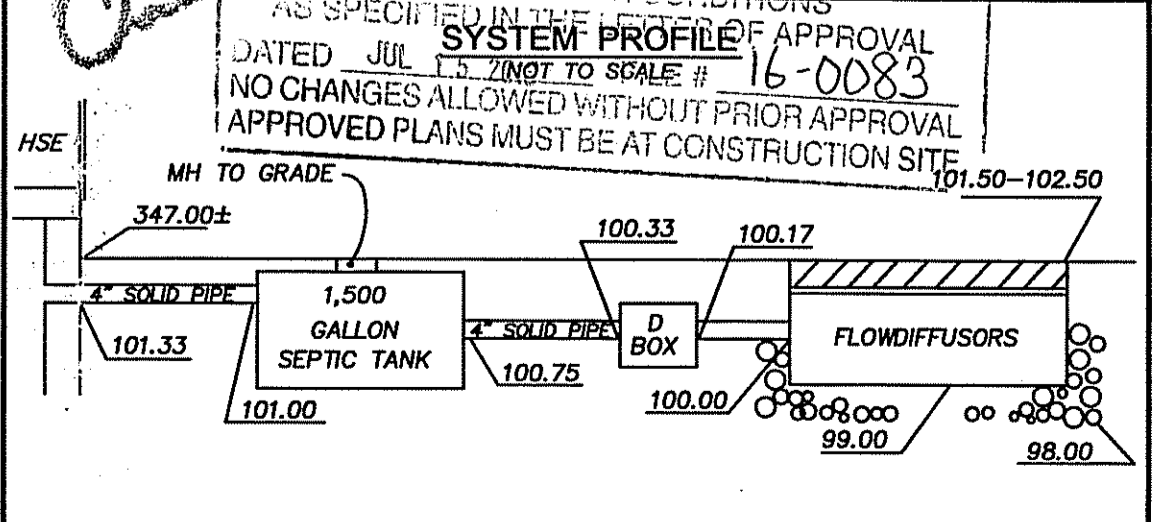


THIS SURVEY AND PLAN CONFORM TO CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.
Marc N. Nyberg
REG. PROFESSIONAL LAND SURVEYOR

- GENERAL NOTES**
- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDEM REGULATION 32.9 FOR ONSITE WASTEWATER TREATMENT SYSTEMS. A 6 INCH GRAVEL BASE TO BE SET BELOW EACH TRENCH IN ACCORDANCE WITH REGULATION 32.12. TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED. THE LEACHFIELD AND 5 FEET BEYOND THE LEACHFIELD SHALL BE STRIPPED OF ALL TOPSOIL (A HORIZONS). IN ORDER TO AVOID COMPACTION OF THE B SOIL HORIZON, ONLY TRACKED VEHICLES SHALL BE ALLOWED WITHIN THIS AREA.
 - 2) USE SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT SYSTEM.
 - 3) NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
 - 4) NO LEACHING SYSTEM EXISTS WITHIN 100' OF THE PROPOSED WELL.
 - 5) NO WELLS, EXISTING OR PROPOSED, ARE WITHIN 200' FEET OF ISDS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE ISDS UNLESS SHOWN.
 - 6) BRING SEPTIC TANK MANHOLE TO GRADE AND D-BOX MANHOLE TO WITHIN 12" OF GRADE
 - 7) SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
 - 8) ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
 - 9) D-BOX TO HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET AND MEET H-20 WHEEL LOADS WITH MARKER SET TO GRADE.
 - 10) SANITARY TEES TO BE INSTALLED IN SEPTIC TANK.
 - 11) NO DRAINS OF ANY KIND SHALL BE WITHIN 25' UPGRADIENT OR 50' DOWNGRADIENT OR SIDE GRADIENT OF THE PROPOSED LEACHING SYSTEM.
 - 12) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 100.00.
 - 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
 - 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
 - 15) LEACHING SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE GRINDER.
 - 16) ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.

TEST HOLE DATA	DESIGN DATA
DATE: 11/26/13	SOIL CATEGORY: 1
TH1 0"-4" A, SL, 10YR 2/2 4"-18" Bw, SL, 7.5YR 5/6 18"-96" C, CB, G, LCOS 2.5YR 6/4 96"-120" C2, CB, G, LCOS 5YR 5/3 ESHW: 96" NO LEDGE 120"	DESIGN LOADING RATE: 0.70 FIELD SIZE: FLOWDIFFUSORS - 2 LINES 12 TOTAL FLOWDIFFUSORS 12" STONE AROUND & UNDER 824 SQUARE FEET

ZONING
ZONING DISTRICT: RA-65
ENVIRONMENTAL MINIMUM SETBACKS: FRONT: 40'
SIDE: 25'
REAR: 40'



VACANT

879.82'

63.79'

115.59'

94.29'

452.96'

341.60'

180.00'

179.89'

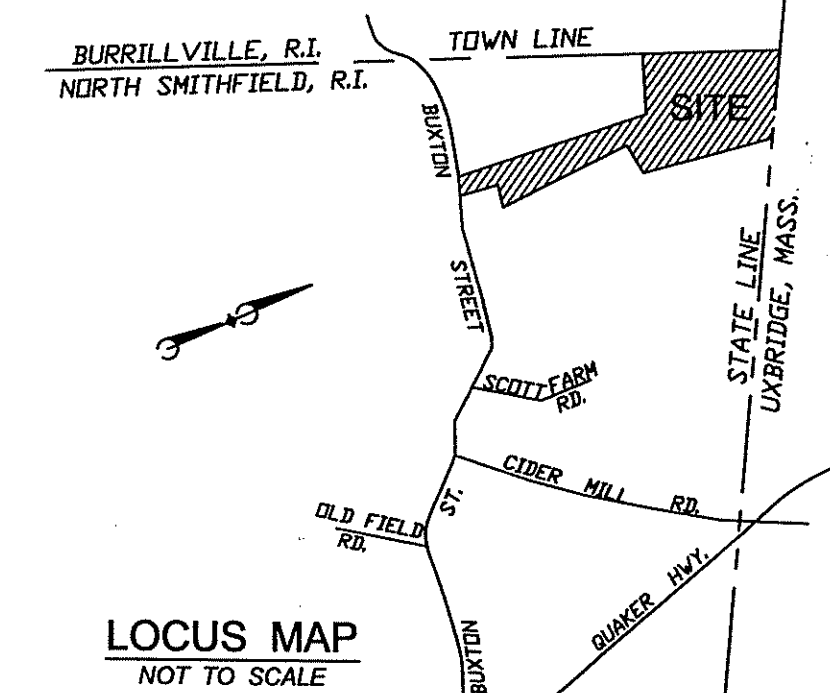
515.54'

57.71'

60.63'

516.92'

584.87'

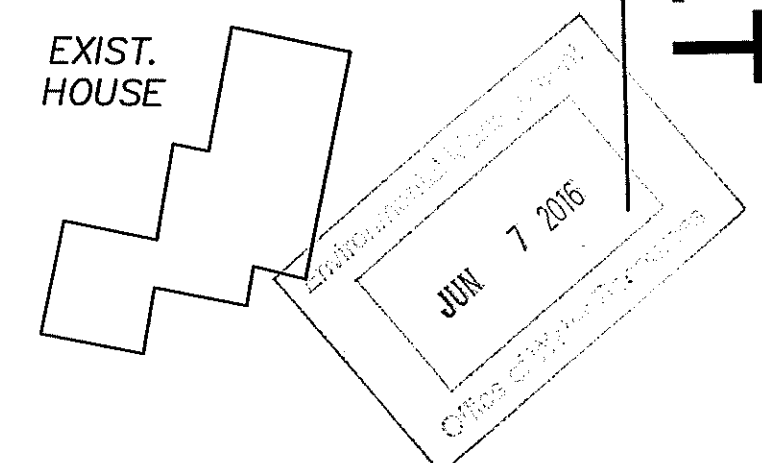


EXIST. HOUSE

EXIST. HOUSE

EXIST. HOUSE

BUXTON STREET



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 DEPOSITED IN THE LETTERS OF APPROVAL
 FILED JUL 15 2016 FILE # 16-0083
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Marc N. Nyberg
 REG. PROFESSIONAL LAND SURVEYOR

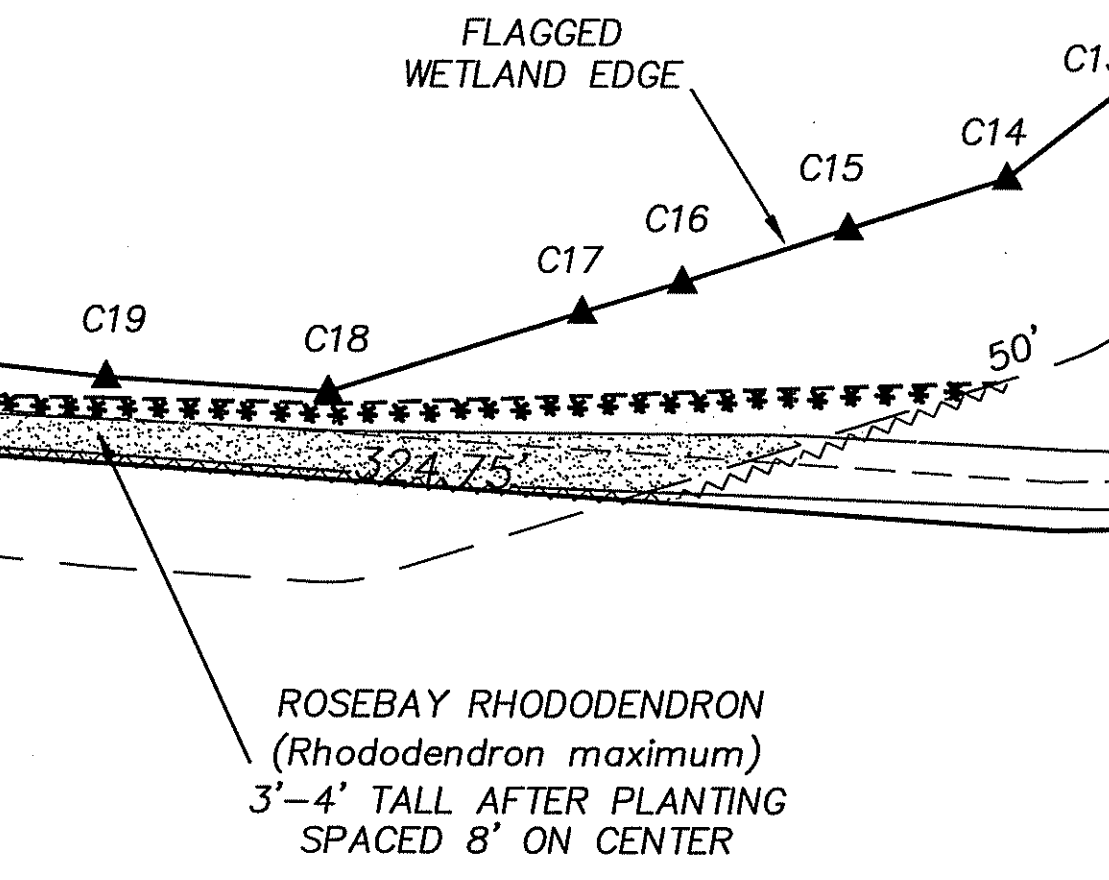
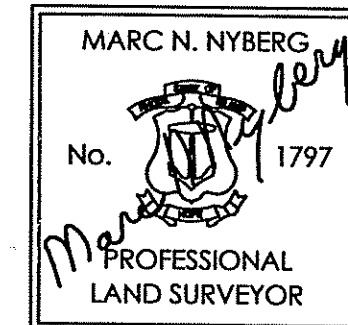
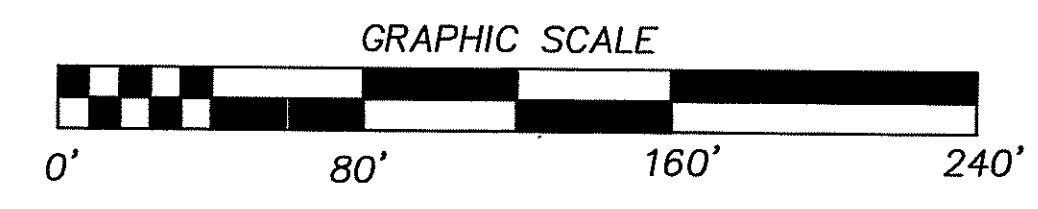
THIS SURVEY AND PLAN CONFORM TO CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

Marc N. Nyberg
 REG. PROFESSIONAL LAND SURVEYOR

MARC N. NYBERG ASSOCIATES, INC.
 LAND SURVEYORS and PLANNERS
 501 GREAT ROAD, UNIT 104
 NORTH SMITHFIELD, RHODE ISLAND 02896
 TEL (401) 762-2870 FAX (401) 762-2871

OVERALL PLAN
 for
JOHN GALLAGHER
 ASSESSOR'S PLAT 1, LOT 4
 BUXTON STREET
 NORTH SMITHFIELD, RHODE ISLAND
 FEBRUARY, 2016
 SCALE: 1 INCH EQUALS 80 FEET

SHEET 2 OF 2
 REVISED: 3-28-16
 5-10-16



NOTES:

1. PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCE AND ALL OTHER SPECIFIED EROSION CONTROL MEASURES SHALL BE IN PLACE.
2. THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROLS.
3. THE ACCEPTED PLANTING SEASON SHALL BE BETWEEN APRIL 1ST AND OCTOBER 15TH.
4. WHERE NECESSARY 3"-6" OF EXISTING GRAVEL DRIVEWAY TO BE REMOVED AND PLACED OUTSIDE ALL REGULATED WETLANDS.
5. 3" OF 3/4" ANGULAR CRUSHED STONE TO BE PLACED OVER ALL SECTIONS OF EXISTING GRAVEL ROAD WITHIN 50 FOOT PERIMETER WTLAND.
6. GRADE OF FINISHED DRIVEWAY SHALL NOT BE HIGHER THAN THE ADJACENT ELEVATION.