

LOCUS MAP SCALE: 1"=2,000'±



RECORD OWNER:
ASSESSORS MAP 21 LOT 19
NICHOLAS C. ARAUJO
130 ARLINGTON STREET
NEW BEDFORD, MA 02745
DEED BOOK 49651 PAGE 155

SEPTIC DESIGN: (NOT DESIGNED FOR GARBAGE GRINDER)

- DESIGN DAILY FLOW: 5 BR. x 110 GPD = 550 GPD (MIN)
- SEPTIC TANK: 550 GPD x 2 = 1,100 GAL. USE: 1,500 GALLON TANK
- DESIGN PERCOLATION RATE: P.R. = LESS THAN 10 MIN/IN, CLASS II, ELR = 0.60 GPD/SF
- LEACHING TRENCHES:

REQUIRED AREA: 550 GPD/(0.60 GPD/SF) = 917 SF (MIN)
PROPOSED AREA: 2 TRENCH x 57' LF x 8.9 SF/LF = 1,014 SF
CAPACITY: 1,014 SF x 0.60 GPD/S.F. = 608 GPD > 550 GPD

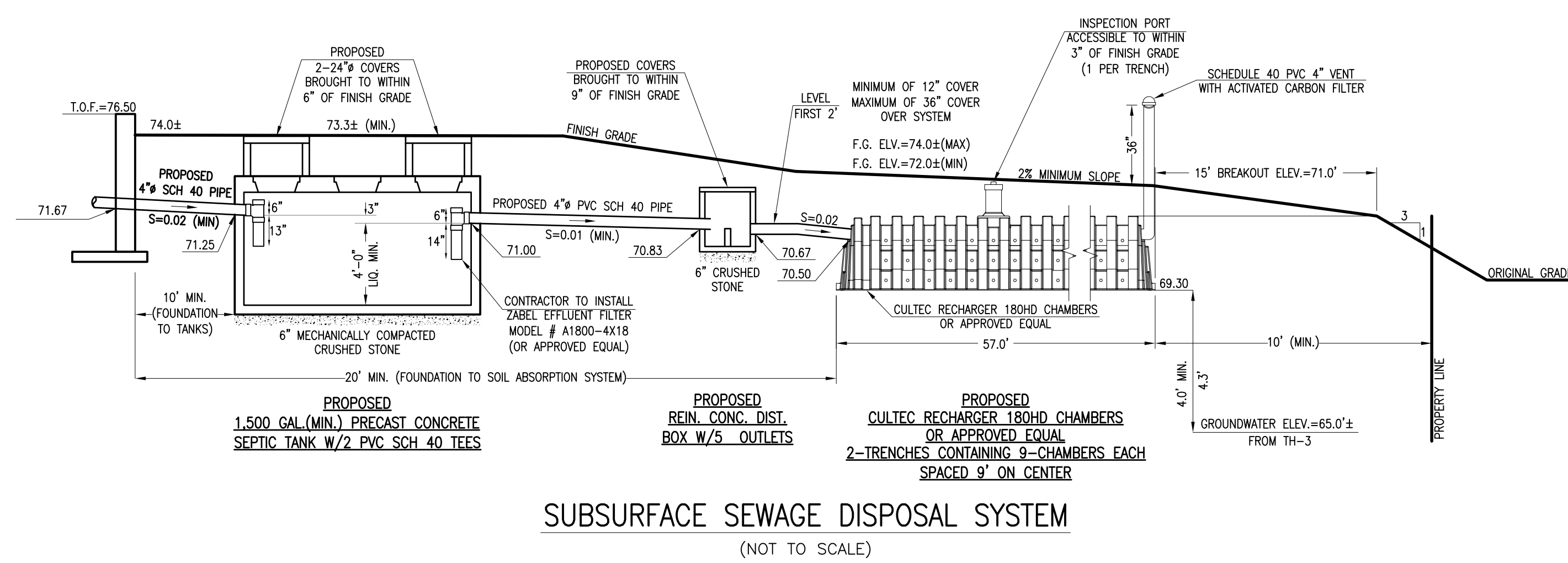
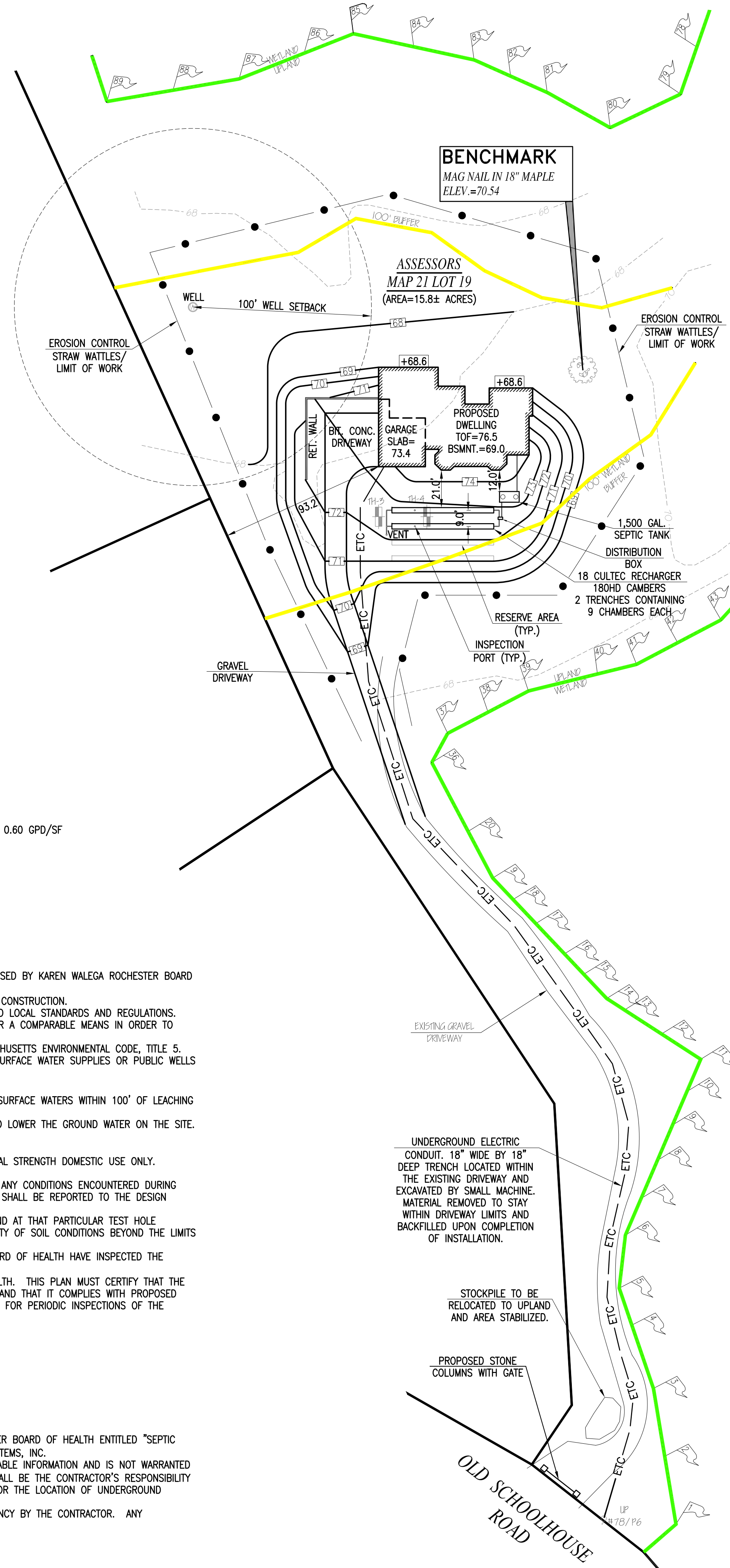
USE: 18 TOTAL CULTEC RECHARGER 180HD CHAMBERS, 9 PER TRENCH

SEPTIC NOTES:

- TEST HOLES PERFORMED BY STEVE CARVALHO OF FARLAND CORP. AND WITNESSED BY KAREN WALEGA ROCHESTER BOARD OF HEALTH ON MAY 16, 2019.
- ENGINEER SHALL SET BENCHMARK WITHIN 50' OF SYSTEM PRIOR TO START OF CONSTRUCTION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND REGULATIONS.
- ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
- SOIL TESTING PERFORMED IN ACCORDANCE WITH THE INSTRUCTIONS OF MASSACHUSETTS ENVIRONMENTAL CODE, TITLE 5.
- THERE ARE NO KNOWN SURFACE WATER SUPPLIES OR WETLANDS BORDERING SURFACE WATER SUPPLIES OR PUBLIC WELLS WITHIN 200' OF SITE.
- THERE ARE PRIVATE WELLS WITHIN 200' OF SITE.
- THERE ARE NO KNOWN BORDERING VEGETATED WETLANDS, INLAND BANKS, OR SURFACE WATERS WITHIN 100' OF LEACHING AREA.
- THERE ARE NO KNOWN SURFACE OR SUBSURFACE DRAINS WHICH ARE USED TO LOWER THE GROUND WATER ON THE SITE.
- THERE ARE NO KNOWN VERNAL POOLS WITHIN 100' OF SITE.
- SITE IS NOT WITHIN 100 YEAR FLOOD PLAIN OR A NITROGEN SENSITIVE AREA.
- EFFLUENT BEING DISCHARGED TO THE SYSTEM CAN BE ASSOCIATED WITH NORMAL STRENGTH DOMESTIC USE ONLY.
- FOR PROPER PERFORMANCE, THE SEPTIC TANK SHOULD BE PUMPED ANNUALLY.
- ANY ALTERATIONS MUST BE APPROVED IN WRITING BY THE DESIGN ENGINEER. ANY CONDITIONS ENCOUNTERED DURING CONSTRUCTION DIFFERING FROM THOSE SHOWN HEREON OR REPORTED HEREIN SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION CONTINUES.
- TEST HOLE INFORMATION SHOWN HEREON IS LIMITED TO SOIL CONDITIONS FOUND AT THAT PARTICULAR TEST HOLE LOCATION AND IS NOT TO BE CONSIDERED AN IMPLIED OR EXPRESSED WARRANTY OF SOIL CONDITIONS BEYOND THE LIMITS OF SUCH TEST HOLES.
- SYSTEM CAN NOT BE BACKFILLED OR CONCEALED UNTIL DESIGN FIRM AND BOARD OF HEALTH HAVE INSPECTED THE SYSTEM AND PERMISSION TO BACKFILL HAS BEEN GIVEN.
- DESIGN FIRM MUST PREPARE AND SUBMIT "AS BUILT" PLAN TO BOARD OF HEALTH. THIS PLAN MUST CERTIFY THAT THE SYSTEM WAS INSTALLED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS AND THAT IT COMPLIES WITH PROPOSED PLAN. THEREFORE, THE CONTRACTOR MUST NOTIFY FARLAND CORP. IN ADVANCE FOR PERIODIC INSPECTIONS OF THE CONSTRUCTION AT THE FOLLOWING MINIMUM POINTS:
A. SEPTIC TANK EXCAVATION WITH STONE PRIOR TO SEPTIC TANK PLACEMENT.
B. LEACHING FIELD EXCAVATION PRIOR TO BACK FILLING WITH "SEWER SAND".
C. "SEWER SAND" BACKFILL - MUST PASS SIEVE TEST.
D. ALL PIPING AND CHAMBER ELEVATIONS PRIOR TO BACKFILL.
E. FINAL GRADING OVER ENTIRE SYSTEM.

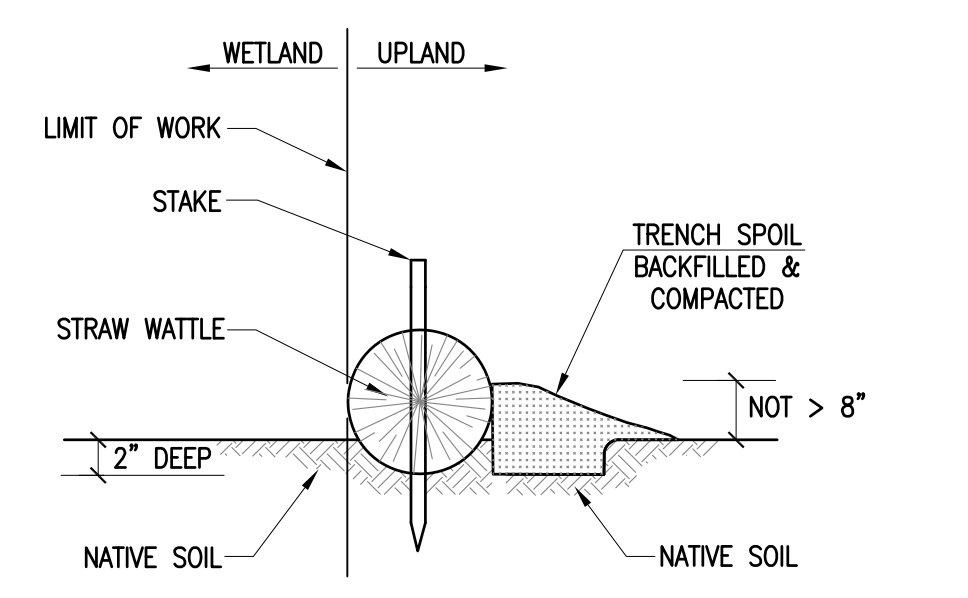
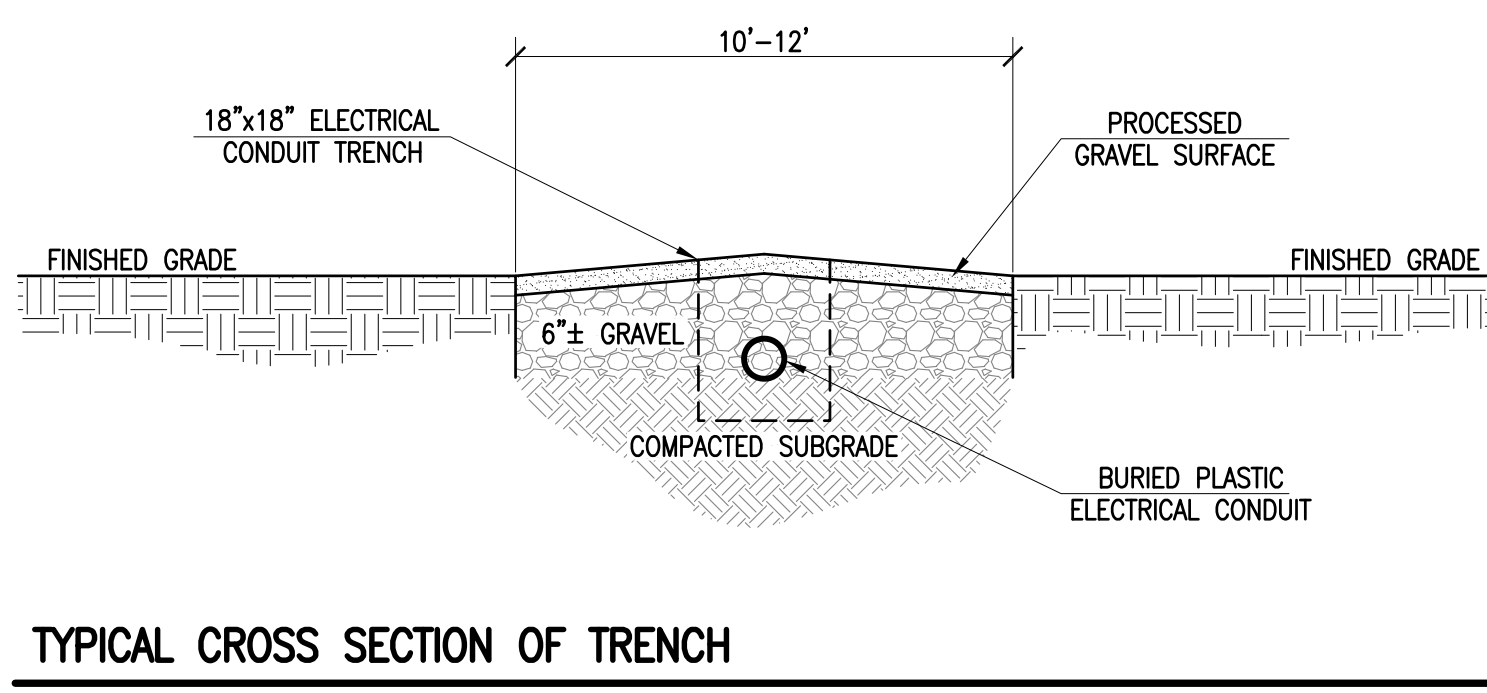
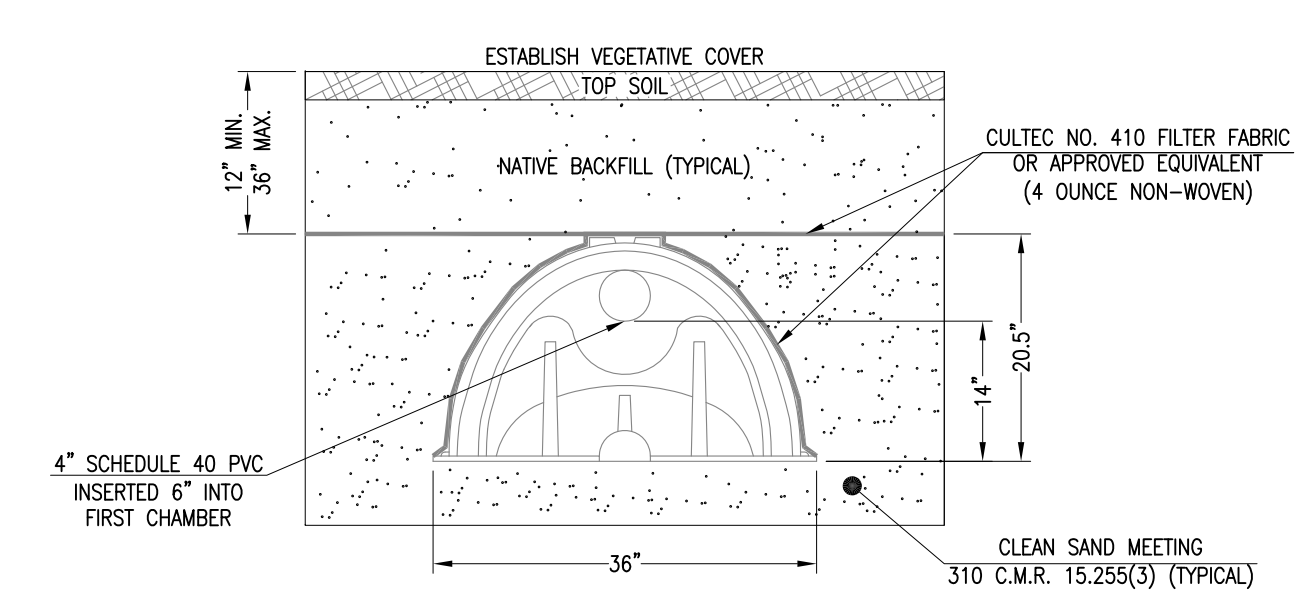
GENERAL NOTES:

- PROPERTY LINE SURVEY PERFORMED BY FARLAND CORP. IN MAY 2018.
- TOPOGRAPHY AND WETLAND LINES TAKEN FROM PLAN ON FILE WITH ROCHESTER BOARD OF HEALTH ENTITLED "SEPTIC SYSTEM DESIGN PLAN" DATED 2/12/18 PREPARED BY LAND MANAGEMENT SYSTEMS, INC.
- THE LOCATION OF UNDERGROUND UTILITIES WAS TAKEN FROM THE BEST AVAILABLE INFORMATION AND IS NOT WARRANTED TO BE CORRECT, NOR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND AGENCIES PRIOR TO CONSTRUCTION FOR THE LOCATION OF UNDERGROUND UTILITIES.
- ALL BENCHMARKS SHOWN ON THIS PLAN ARE TO BE CHECKED FOR CONSISTENCY BY THE CONTRACTOR. ANY DISCREPANCIES MUST BE RESOLVED BY THIS OFFICE PRIOR TO CONSTRUCTION.



SOIL LOGS

TH-3 ELEV.=68.0± 5/16/19	TH-4 ELEV.=68.0± 5/16/19
0'-20" FILL 66.3	0'-30" FILL 65.5
20'-28" B HORIZON LOAMY SAND 10YR 5/6 65.7	30'-37" B HORIZON LOAMY SAND 10YR 5/6 64.9
28'-120" C HORIZON FINE SAND 2.5Y 6/3 58.0	37'-120" C HORIZON FINE SAND 2.5Y 6/3 58.0
PERC @ 36" PR=9 MIN/IN	PERC @ 40" PR=9 MIN/IN
REDOX @ 34" ELEV.=65.0±	REDOX @ 37" ELEV.=64.9±



REVISIONS

1	7/9/19	CONCOM COMMENTS
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FARLAND CORP.
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401 COUNTY STREET
NEW BEDFORD, MA 02740
P.508.717.3479
OFFICES IN:
• TAUNTON
• MARLBOROUGH
• WARWICK, RI

DRAWN BY: NPD
DESIGNED BY: NPD
CHECKED BY: CAF

SUBSURFACE SEWAGE DISPOSAL SYSTEM
OLD SCHOOLHOUSE ROAD
ASSESSORS MAP 21 LOT 19
ROCHESTER, MASSACHUSETTS

NICK ARAUJO
PREPARED FOR:
130 ARLINGTON STREET
NEW BEDFORD, MA 02745

MAY 23, 2019
SCALE: 1"=20'
JOB NO. 18-390
LATEST REVISION:
JULY 9, 2019

SHEET 1 OF 1