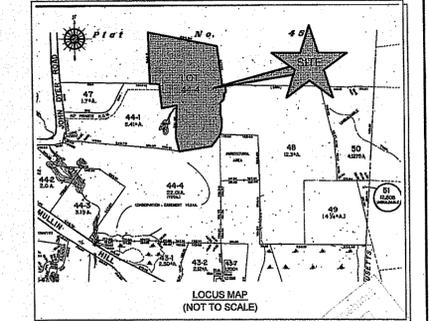


A KNOWLEDGE CORPORATION

55 JOHN CLARKE ROAD MIDDLETOWN RHODE ISLAND 02842  
PHONE (401) 849-0810 FAX (401) 846-4169  
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SITE/CIVIL  
LAND PLANNING  
WATERFRONT  
SURVEYING  
GEOTECHNICAL  
ENVIRONMENTAL  
TRANSPORTATION  
STRUCTURAL



Environmental Management  
SEP 21 2017  
Office of Water Resources

No.	Revision	Date	App.
1	RIDEM COMMENTS	9/12/17	

Designed By: GES Drawn by: DJW Checked by:  
Scale: 1" = 30' Date: 06AUG17

Project Title:  
**A.P. 46 LOT 44-4  
258 JOHN DYER ROAD  
LITTLE COMPTON, RHODE ISLAND**

Client/Owner:  
**EDWARD LEVINE  
258 JOHN DYER ROAD  
LITTLE COMPTON, RI**

Issued for:  
**TOWN OF LITTLE COMPTON**

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
OWTS & FRESHWATER WETLANDS  
JOINT PERMIT APPROVAL  
OWTS # 11080282 FWW# 1106069  
APPROVED: *[Signature]* DATE: 9/29/17  
No Changes Allowed Without RIDEM Approval  
Approved Plans/Permit Must Be Kept at Construction Site

Drawing Title:  
**OWTS REDESIGN**

Drawing Number:  
**O-1**

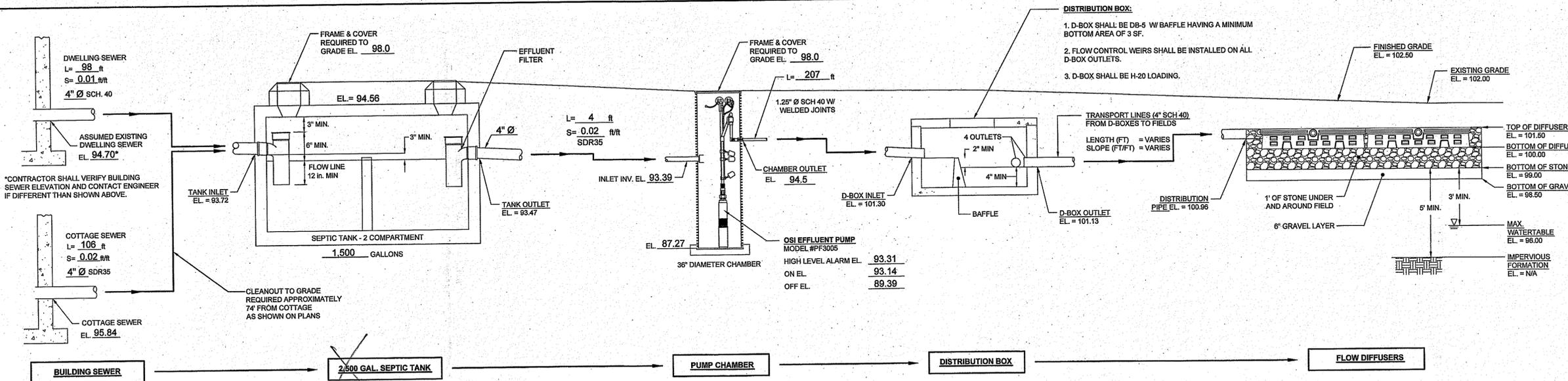
Sheet **1** of **2**

Project Number:  
**16041.0**

Survey Index:  
**10 - 46 - 44-4**

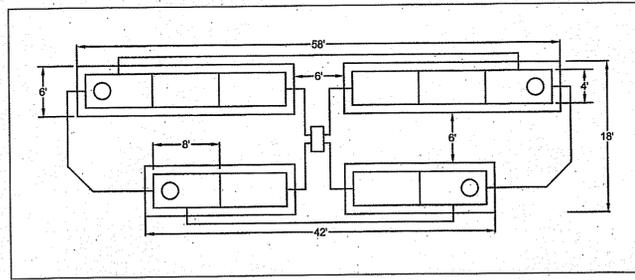
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
*[Signature]*  
No. 8550  
9-12-17

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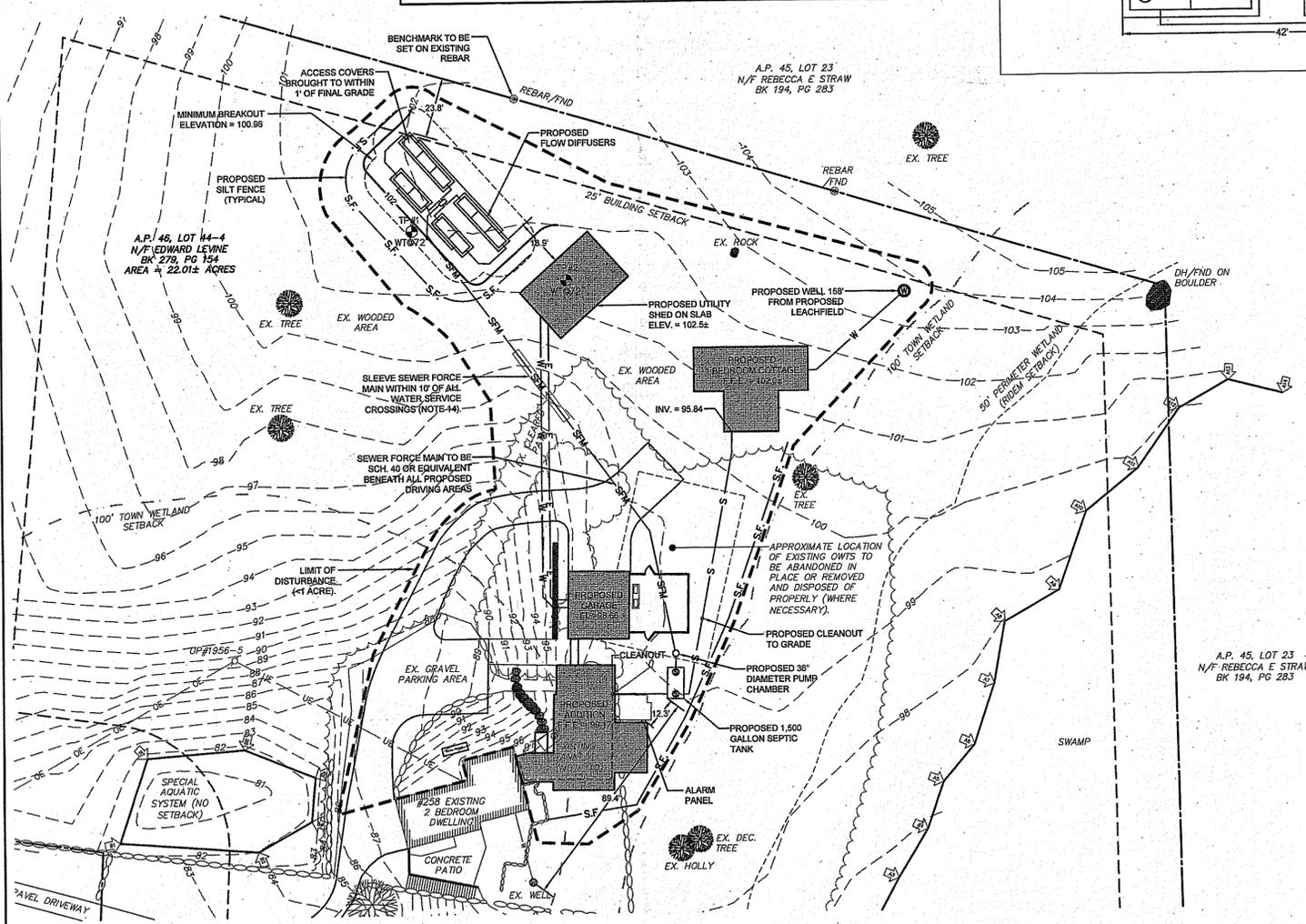
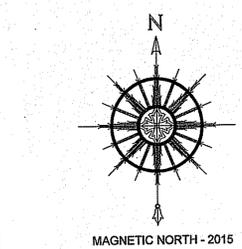
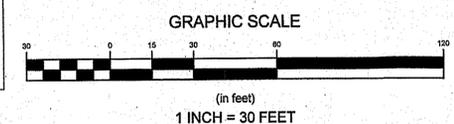
**SEWER PROFILE**  
SCALE: NOT TO SCALE

DESIGN COMPUTATION		
DESIGN PERC. RATE	DESIGN APP. RATE	SEEPAGE SYSTEM
CATEGORY 8m	0.48 gal/SF/day	FLOW DIFFUSERS
APPROVED & DESIGN WATER TABLE:		
TH 1 - WT = 72"	TOTAL LEACHING AREA REQUIRED: 719 SF	
TH 2 - WT = 72"	LEACHING AREA PROVIDED: 752 SF	
SEWAGE FLOW:		
3 BEDROOM x 115 g/day = 345 g/day	NO. OF INTERIOR UNITS: 2	
	NO. OF END UNITS: 8	
SEPTIC TANK:		
CAPACITY PROVIDED: 1,500 GALLONS		

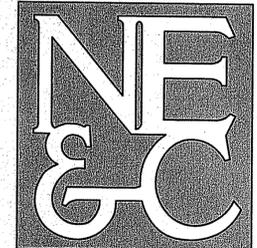


- GENERAL OWTS SYSTEM NOTES:**
- 1) ALL BRUSH AND TREES WILL BE CLEARED WITHIN (10) FT OF THE SYSTEM.
  - 2) A MINIMUM ELEVATION OF 100.96, CORRESPONDING TO INVERT OF THE LEACHFIELD, SHOULD BE MAINTAINED WITHIN 10 FT OF OWTS.
  - 3) ALL EXISTING AND PROPOSED PRIVATE WELLS WITHIN 200 FT. OF OWTS ARE SHOWN. ALL PUBLIC WELLS EXISTING OR PROPOSED WITHIN 600' ARE SHOWN.
  - 4) NO DRAINS OR WATER LINES ARE KNOWN TO EXIST OR ARE TO BE CONSTRUCTED IN THE PROXIMITY OF THE SYSTEM WITHIN THE DISTANCES SPECIFIED IN RIDEM OWTS TABLE 22.1.
  - 5) THE SYSTEM FOR THE SUBSURFACE DISPOSAL OF SANITARY SEWAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE STATE OF RHODE ISLAND, DEPARTMENT ENVIRONMENTAL MANAGEMENT, "RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION, AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS."
  - 6) THE DESIGN INTENT IS TO MEET THE STATE STANDARDS. SINCE THIS PLAN HAS BEEN CREATED TO GAIN THE NECESSARY PERMITTING, NO CONSTRUCTION INSTALLATIONS HAVE COMMENCED. BECAUSE THIS IS NOT A "RECORD DRAWING OF AS-BUILT CONDITIONS" AND NOTHING HAS BEEN INSTALLED, THE ENGINEER SIGNING AND STAMPING THIS PLAN IS NOT GUARANTEEING THE OPERATION OF THE INSTALLED SEPTIC SYSTEM. UPON THE APPROVED SYSTEM INSTALLATION, THE DESIGN ENGINEER WILL SUPERVISE, VERIFY, AND CERTIFY THAT THE SYSTEM WAS INSTALLED AS SPECIFIED ON THE APPROVED PLAN.
  - 7) NO FOUNDATION DRAIN LINES ARE TO BE CONSTRUCTED WITHIN 25 FT. OF THE OWTS OR BUILDING SEWER.
  - 8) THE PROPOSED ADDITION WILL NOT INCLUDE BEDROOMS AND THEREFORE DOES NOT INCREASE THE DESIGN FLOW.
  - 9) PROPERTY LINE, EXISTING CONDITIONS, WETLAND EDGE, NORTH ARROW, AND EXISTING OWTS COMPONENTS TAKEN FROM PLAN TITLED "EXISTING CONDITIONS SITE PLAN, A.P. 46 LOT 44-4, 288 JOHN DYER ROAD, LITTLE COMPTON, RHODE ISLAND, SCALE: 1" = 40', DATED DECEMBER 8, 2016" PREPARED BY CIVIL ENGINEERING CONCEPTS, INC.
  - 10) EXISTING SEPTIC TANK, BUILDING SEWER, TRANSPORT LINE, AND LEACHFIELD TO BE REMOVED (WHERE NECESSARY) AND DISPOSED OF PROPERLY. REMAINING LEACHFIELD TO BE ABANDONED IN PLACE.
  - 11) ALL SEWER PIPING WITHIN THE PROPOSED BASEMENT OF THE ADDITION TO BE COMPLIANT WITH RI BUILDING CODE AND HAVE THE REQUIRED BENDS AND CLEANOUTS IN ACCORDANCE WITH THE PLUMBER.
  - 12) ALL SEWER PIPING BENEATH THE DRIVEWAY SHALL BE SCHEDULE 40 OR EQUIVALENT.
  - 13) SEWER FORCE MAIN SHALL BE SLEEVED WITHIN 10' OF ALL WATER SERVICE LINES IN ACCORDANCE WITH RIDEM OWTS TABLE 22.1, NOTE 1.
  - 14) SEWER FORCE MAIN SHALL BE A MINIMUM OF 3.5' BELOW FINAL GRADE TO PREVENT FREEZING DURING THE WINTER MONTHS.
  - 15) FLOW DIFFUSER ACCESS OPENINGS SHALL COMPLY WITH RIDEM OWTS RULE 34.6.2.
  - 16) NO FLOW FROM EITHER THE GARAGE OR UTILITY SHED SHALL BE CONVEYED TO THE LEACHFIELD.

LEGEND	
	PROPERTY LINE
	STONEWALL
	EXISTING TOPOGRAPHIC CONTOUR
	PROPOSED TOPOGRAPHIC CONTOUR
	PROPOSED SPOT ELEVATION
	OVERHEAD WIRES
	APPROXIMATE UNDERGROUND ELECTRIC
	APPROXIMATE EDGE OF VEGETATION
	DELINEATED WETLAND EDGE
	EXISTING A.S.S.F. (AREA SUBJECT TO STORM FLOWAGE)
	50' PERIMETER WETLAND
	100' TOWN WETLAND SETBACK
	PROPOSED SEWER FORCE MAIN
	PROPOSED WATER SERVICE
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED SILT FENCE
	LIMIT OF DISTURBANCE
	MONUMENT FOUND (AS NOTED)
	UTILITY POLE
	EXISTING WELL
	PROPOSED WELL LOCATION
	EXISTING BOULDER
	TESTHOLE LOCATION
	EXISTING TREE

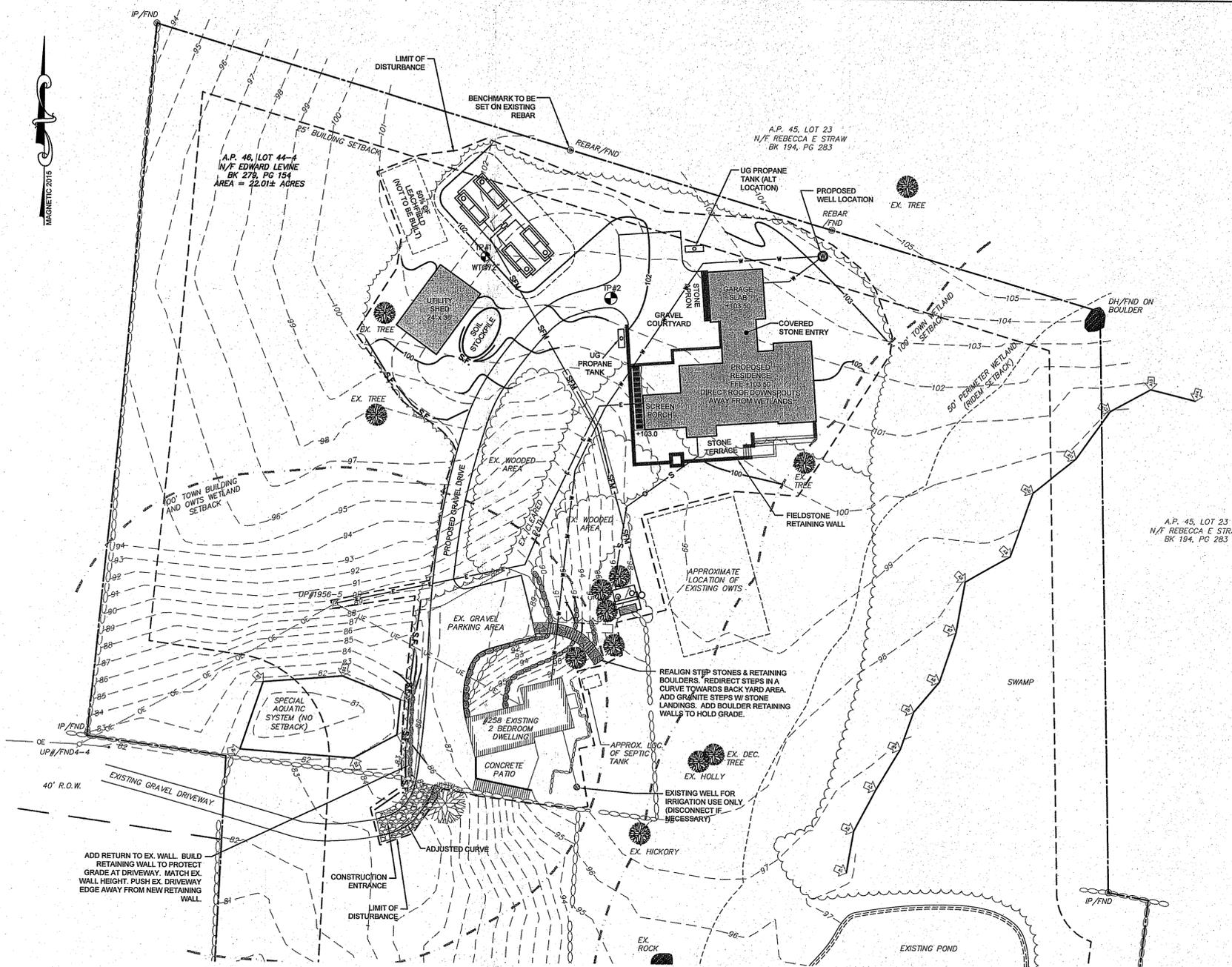
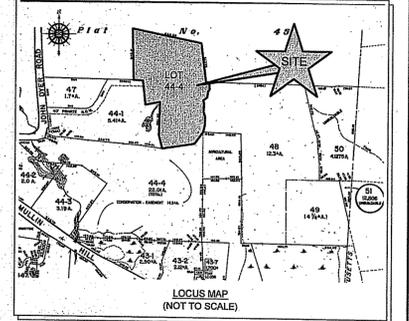






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55 JOHN CLARKE ROAD MIDDLETOWN RHODE ISLAND 02842  
PHONE (401) 849-0810 FAX (401) 846-4169  
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**GENERAL NOTES:**  
1. PROPERTY LINE, NORTH ARROW, WETLAND EDGE, AND EXISTING CONDITIONS TAKEN FROM PLAN TITLED "EXISTING CONDITIONS SITE PLAN, A.P. 46 LOT 44-4, 288 JOHN DYER ROAD, LITTLE COMPTON, RHODE ISLAND, SCALE 1" = 40', DATED DECEMBER 8, 2015" PREPARED BY CIVIL ENGINEERING CONCEPTS, INC.

2. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING PLANS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM ALL AVAILABLE INFORMATION. (PLEASE CONTACT DISSAFE PRIOR TO CONSTRUCTION AT 1-888-344-7233, AND/OR ALL LOCAL UTILITY COMPANIES)

3. SOIL TYPES IN THIS VICINITY ARE 'CHB' (CANTON AND CHARLTON) AND 'R' (RIDGEBURY, LEICESTER AND WHITMAN) PER THE RI SOIL SURVEY. THESE SOILS ARE HYDROLOGIC GROUP 'B' AND 'C' RESPECTIVELY.

**SOIL EROSION AND SEDIMENT CONTROL NOTES**

- CONSTRUCTION SEQUENCE**
  - DO NOT BEGIN CONSTRUCTION UNTIL ALL LOCAL, STATE, AND FEDERAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED. CONTRACTOR/OWNER SHALL NOTIFY LITTLE COMPTON D.P.W. IN ADVANCE OF HIS INTENT TO BEGIN CONSTRUCTION.
  - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE LOCATED AS SHOWN ON PLANS. CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE SITE VIA THIS ENTRANCE.
  - INSTALL SILT FENCES, SILT SACKS, CHECK DAMS AND/OR STRAW BALES AS INDICATED ON THE DRAWINGS TO CONTROL EROSION AND PREVENT SEDIMENT CONTAMINATION OF DOWNSTREAM AREAS PRIOR TO ANY EARTH MOVING ACTIVITIES. EROSION CONTROLS SHALL BE IN PLACE BEFORE ANY OTHER SITE WORK IS UNDERTAKEN.
  - REMOVE TREES AND VEGETATION WHERE NECESSARY FOR CONSTRUCTION. DEAD TREES AND VEGETATION MAY ALSO BE REMOVED. ALL STUMPS TO BE GROUND OR DISPOSED OF OFF SITE.
  - FIELD STAKE AREA OF PROPOSED SEPTIC SYSTEM. MINIMAL DISTURBANCE SHALL BE ALLOWED IN THIS AREA PRIOR TO OWTS CONSTRUCTION.
  - EXCAVATE AREA OF RESIDENCE, GARAGE, AND SHED IN ACCORDANCE WITH THE ARCHITECTURAL PLANS AND DETAILS. ONLY THOSE AREAS UNDER CONSTRUCTION WILL BE DISTURBED BY EARTHWORK. THE REMAINDER OF THE LOT WILL NOT BE STRIPPED OR DISTURBED UNTIL CONTRACTOR IS DONE WITH THE STRUCTURE CONSTRUCTION AND READY FOR THE FINAL LAND / LANDSCAPING INSTALLATION.
  - TEMPORARY SOIL STOCKPILES SHALL BE PROTECTED WITH ADDITIONAL EROSION CONTROL MEASURES AS SHOWN.
  - CONNECT UTILITY SERVICES.
  - UPON COMPLETION OF CONSTRUCTION AND PRIOR TO REMOVAL OF EROSION & SEDIMENT CONTROLS, CONTRACTOR SHALL CONTACT LITTLE COMPTON D.P.W. FOR A FINAL INSPECTION.
  - MAINTAIN SITE IN ACCORDANCE WITH THE MAINTENANCE NOTES. EROSION CONTROLS MUST BE MAINTAINED AND REMAIN IN PLACE UNTIL THE LAWN HAS RECEIVED THREE (3) MOWINGS.

**2. EARTHWORK NOTES:**

- DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
- NO OWTS AREA SHALL BE USED FOR STOCKPILES OR STORAGE OF MATERIALS OR EQUIPMENT.
- ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE STABILIZED WITHIN FOURTEEN DAYS IN ACCORDANCE WITH TEMPORARY MEASURES IN THE VEGETATIVE PRACTICE NOTES.
- AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOP SOIL TO REMOVE VEGETATION, ROOTS, AND ANY OTHER OBJECTIONABLE MATERIAL.
- ALL FILL SHALL BE COMPACTED TO 95% MAX. DENSITY TO REDUCE EROSION, SLIPPAGE, SETTLEMENT SUBSIDENCE, OR OTHER RELATED PROBLEMS.
- FILL INTENDED TO SUPPORT BUILDING STRUCTURES AND CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL CODES AND SPECIFICATIONS.
- ALL FILL SHALL BE PLACED AND COMPACTED TO 95% MAX. DENSITY IN LAYERS NOT TO EXCEED 12" IN THICKNESS FILLS.
- FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
- FROZEN, SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIAL SHALL NOT BE INCORPORATED INTO FILLS.
- FILL SHALL NOT BE PLACED ON A FROZEN FOUNDATION SUBGRADE.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF FINISH GRADING IN ACCORDANCE WITH THE VEGETATIVE PRACTICE NOTES.
- EXCESS QUANTITIES OF SOIL WILL BE REMOVED FROM SITE BY CONTRACTOR AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

**3. VEGETATIVE PRACTICE:**

**PERMANENT MEASURES:**

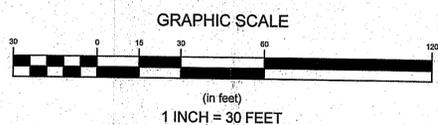
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ANY SLOPES STEEPER THAN 3:1 (SEE PLAN).
  - A MINIMUM OF 4" OF LOAM SHALL BE INSTALLED. THE LOAM SHALL BE GRADED TO A SMOOTH CONDITION AND STONES AND OTHER OBJECTS LARGER THAN 2" SHALL BE REMOVED.
  - THE FOLLOWING SEEDING MIXTURE SHALL BE APPLIED AT THE INDICATED RATE UNLESS OTHERWISE APPROVED BY THE LITTLE COMPTON BUILDING OFFICIAL.
 

RED PESCUE:	40 LBS/ACRE
KENTUCKY BLUEGRASS:	40 LBS/ACRE
PERENNIAL RYEGRASS:	20 LBS/ACRE
  - HAY MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TONS/ACRE
- TEMPORARY MEASURES (FOR TEMPORARY PROTECTION OF DISTURBED AREAS)**
- LIMESTONE AND FERTILIZER SHALL BE APPLIED AT THE FOLLOWING RATE:  
LIMESTONE: 3 TONS/ACRE  
FERTILIZER: (10-10-10): 600 LBS/ACRE
  - SEED SHALL BE APPLIED AT THE FOLLOWING RATE:  
WINTER RYE: 100 LBS/ACRE
  - HAY MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TONS/ACRE.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
OWTS & FRESHWATER WETLANDS  
JOINT PERMIT APPROVAL  
OWTS # 1618-0282 FWW# 16-0809  
APPROVED: [Signature] DATE: 8/18/16  
No Changes Allowed Without RIDEM Approval  
Approved Plans/Permit Must Be Kept at Construction Site

"Copy of permit and Operations Maintenance contract must be filed in land evidence records prior to conformance."

Environmental Management  
AUG 22 2016  
Office of Water Resources



**LEGEND**

---	PROPERTY LINE
—○—○—○—	STONEWALL
---	EXISTING TOPOGRAPHIC CONTOUR
---	100
---	PROPOSED TOPOGRAPHIC CONTOUR
—○—○—○—	OVERHEAD WIRES
---	APPROXIMATE UNDERGROUND ELECTRIC
---	APPROXIMATE EDGE OF VEGETATION
---	DELINEATED WETLAND EDGE
---	EXISTING A.S.S.F. (AREA SUBJECT TO STORM FLOWAGE)
---	50' PERIMETER WETLAND
---	100' TOWN WETLAND SETBACK
---	PROPOSED SEWER FORCE MAIN
---	PROPOSED BUILDING SEWER
---	PROPOSED DRAIN LINE
---	PROPOSED UNDERGROUND ELECTRIC
---	PROPOSED SILT FENCE AND STRAW BALES
---	LIMIT OF DISTURBANCE
⊙	MONUMENT FOUND (AS NOTED)
⊙	UTILITY POLE
⊙	EXISTING WELL
⊙	PROPOSED WELL
⊙	EXISTING BOULDER
⊙	TESTHOLE LOCATION
⊙	EXISTING TREE

2	REVISED PER DEM AND TOWN COMMENT	18AUG16
1	PROPANE TANKS ADDED	30JUN16
No.	Revision	Date App.
Designed By:	GES	Drawn by: DJW
Checked by:		
Scale:	1" = 30'	Date: 17JUN16

Project Title:  
**A.P. 46 LOT 44-4**  
**258 JOHN DYER ROAD**  
**LITTLE COMPTON, RHODE ISLAND**

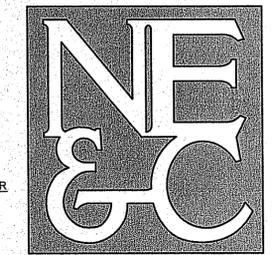
Client/Owner:  
**EDWARD LEVINE**  
**258 JOHN DYER ROAD**  
**LITTLE COMPTON, RI**

RIDEM

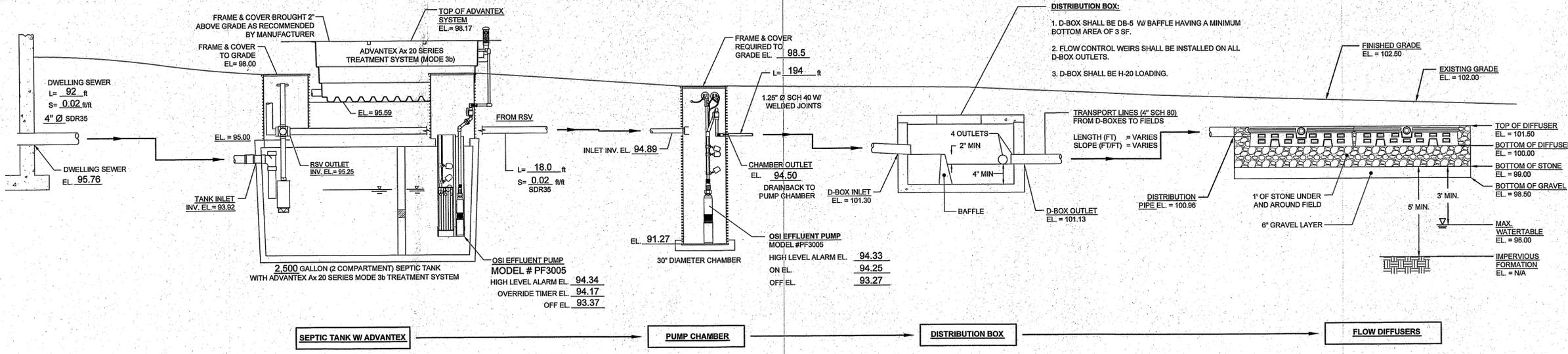
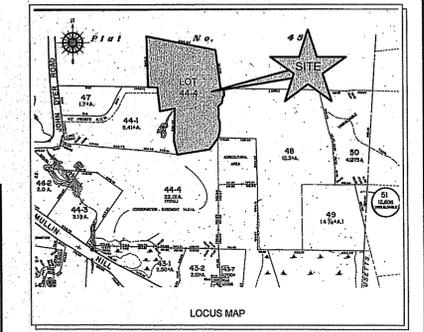
**PROPOSED CONDITIONS PLAN**

Drawing Number:	C-1
Sheet	1 of 4
Project Number:	16041.0
Survey Index:	10 - 46 - 44-4

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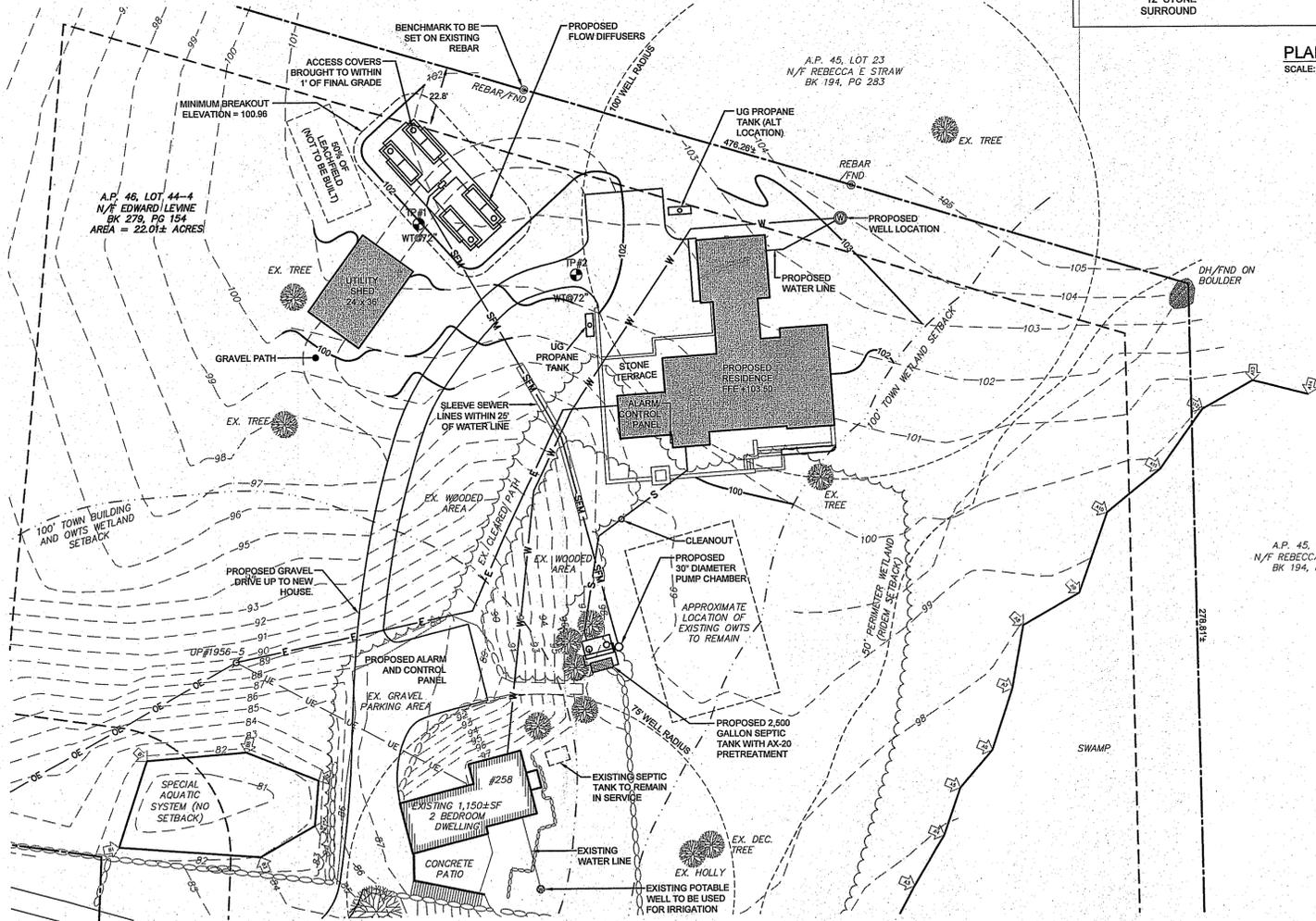
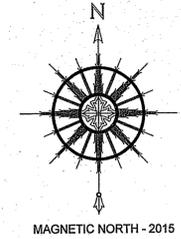
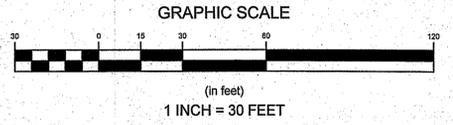


DESIGN COMPUTATION		
DESIGN PERC. RATE	DESIGN APP. RATE	SEWAGE SYSTEM
CATEGORY 8m	0.48 gal/SF/day	ADVANTEK AX-20 (3b) WITH FLOW DIFFUSERS
APPROVED & DESIGN WATER TABLE:		
TH 1 - 72"		TOTAL LEACHING AREA REQUIRED: 719 SF
TH 2 - 72"		TOTAL LEACHING AREA REQUIRED w/ 50% REDUCTION: 360 SF
SEWAGE FLOW:		
3 BEDROOM x 115 g/day = 345 g/day		LEACHING AREA PROVIDED: 624 SF
SEPTIC TANK:		
CAPACITY PROVIDED: 2,500 GALLONS		NO. OF INTERIOR UNITS: 0
		NO. OF END UNITS: 8

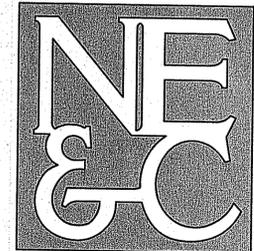
- GENERAL OWTS SYSTEM NOTES:**
- ALL BRUSH AND TREES WILL BE CLEARED WITHIN (10') R OF THE SYSTEM.
  - A MINIMUM ELEVATION OF 100.96, CORRESPONDING TO INVERT OF THE LEACHFIELD, SHOULD BE MAINTAINED WITHIN 10 R. OF OWTS.
  - ALL EXISTING AND PROPOSED PRIVATE WELLS WITHIN 200 FT. OF OWTS ARE SHOWN. ALL PUBLIC WELLS EXISTING OR PROPOSED WITHIN 500' ARE SHOWN.
  - NO DRAINS OR WATER LINES ARE KNOWN TO EXIST OR ARE TO BE CONSTRUCTED IN THE PROXIMITY OF THE SYSTEM WITHIN THE DISTANCES SPECIFIED IN RIDEM OWTS TABLE 22.1.
  - THE SYSTEM FOR THE SUBSURFACE DISPOSAL OF SANITARY SEWAGE SHALL CONSTRUCTED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE STATE OF RHODE ISLAND, DEPARTMENT ENVIRONMENTAL MANAGEMENT, "RULES ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION, AND MAINTENANCE OF ONSITE WASTEWATER TREATMENT SYSTEMS."
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  - ANTI-FLOATION DEVICES AS PROVIDED BY THE MANUFACTURER SHALL BE USED FOR THE PROPOSED ADVANTEK SURROUND.
  - NO FOUNDATION DRAIN LINES ARE TO BE CONSTRUCTED WITHIN 25 FT. OF THE OWTS OR BUILDING SEWER.
  - SEWER FORCE MAIN SHALL BE CONSTRUCTED SUCH THAT NO LOW POINTS EXIST BETWEEN THE DISCHARGE AND THE DRAIN BACK POINT. CONTRACTOR SHALL ENSURE PROPER COMPACTION TO AVOID SETTLEMENTS.
  - PROPERTY LINE, EXISTING CONDITIONS, WETLAND EDGE, NORTH ARROW, AND EXISTING OWTS COMPONENTS TAKEN FROM PLAN TITLED "EXISTING CONDITIONS SITE PLAN, A.P. 46 LOT 44-4, 268 JOHN DYER ROAD, LITTLE COMPTON, RHODE ISLAND, SCALE: 1" = 40', DATED DECEMBER 8, 2016" PREPARED BY CIVIL ENGINEERING CONCEPTS, INC.
  - ALL SEWER PIPING BENEATH UTILITY SHED DRIVING PATH SHALL BE SCHEDULE 80 OR EQUIVALENT.
  - SEWER FORCE MAIN SHALL BE 4' BELOW FINAL GRADE TO PREVENT FREEZING DURING THE WINTER MONTHS.
  - FLOW DIFFUSER ACCESS OPENINGS SHALL COMPLY WITH RIDEM OWTS RULE 34.6.2.

**LEGEND**

---	PROPERTY LINE
---	STONEWALL
---	EXISTING TOPOGRAPHIC CONTOUR
---	100
---	PROPOSED TOPOGRAPHIC CONTOUR
---	OVERHEAD WIRES
---	APPROXIMATE UNDERGROUND ELECTRIC
---	EXISTING WATER LINE
---	APPROXIMATE EDGE OF VEGETATION
---	DELIMITED WETLAND EDGE
---	EXISTING A.S.S.F. (AREA SUBJECT TO STORM FLOWAGE)
---	50' PERIMETER WETLAND
---	100' TOWN WETLAND SETBACK
SFM	PROPOSED SEWER FORCE MAIN
S	PROPOSED BUILDING SEWER
D	PROPOSED DRAIN LINE
E	PROPOSED ELECTRIC LINE
W	PROPOSED WATER LINE
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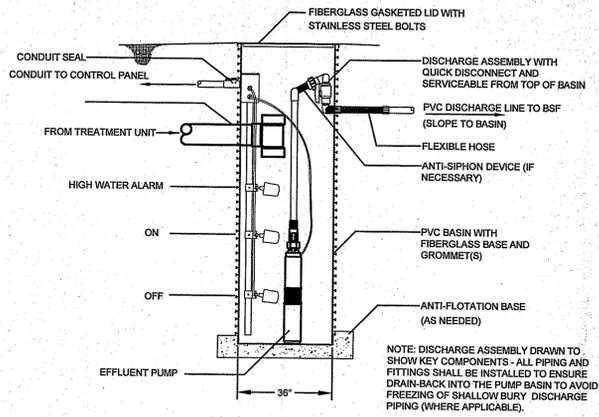
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1	PROPANE TANKS ADDED	30JUN16
No.	Revision	Date
Designed By: GES	Drawn by: DJW	Checked by:
Scale: 1" = 30'	Date: 17JUNE16	
Project Title:		
<b>A.P. 46 LOT 44-4</b> <b>258 JOHN DYER ROAD</b> <b>LITTLE COMPTON, RHODE ISLAND</b>		
Client/Owner:		
EDWARD LEVINE 258 JOHN DYER ROAD LITTLE COMPTON, RI		
Issued for:		
RIDEM		
Drawing Title:		
<b>PROPOSED OWTS</b>		
Drawing Number:		
C-2		
Sheet 2 of 4		
Project Number:		
16041.0		
Survey Index:		
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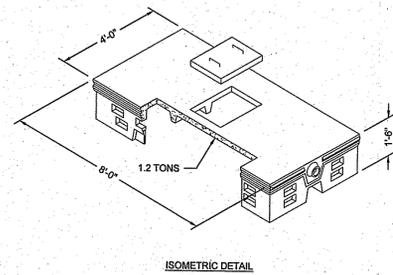
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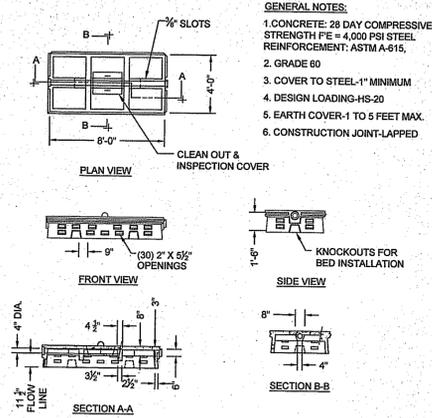
SITE/CIVIL  
 LAND PLANNING  
 WATERFRONT  
 SURVEYING  
 GEOTECHNICAL  
 ENVIRONMENTAL  
 TRANSPORTATION  
 STRUCTURAL



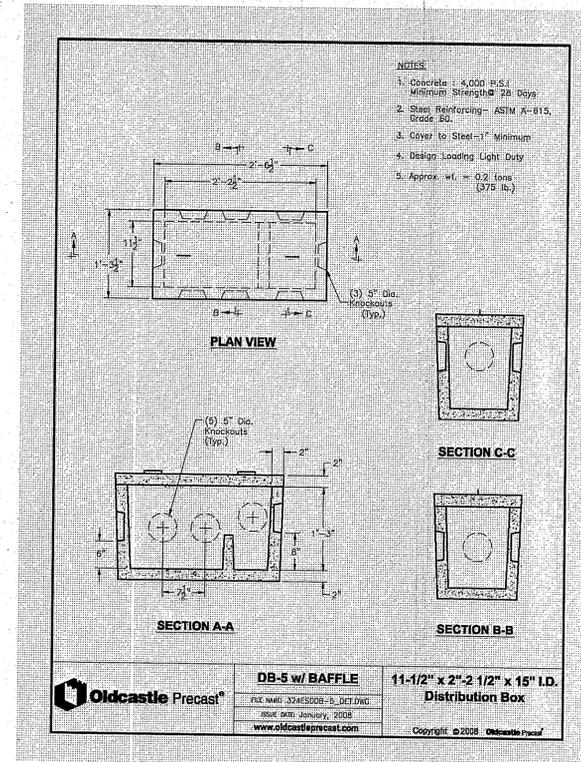
TYPICAL PUMP CHAMBER WITH HIGH HEAD PUMP  
 SCALE: NOT TO SCALE



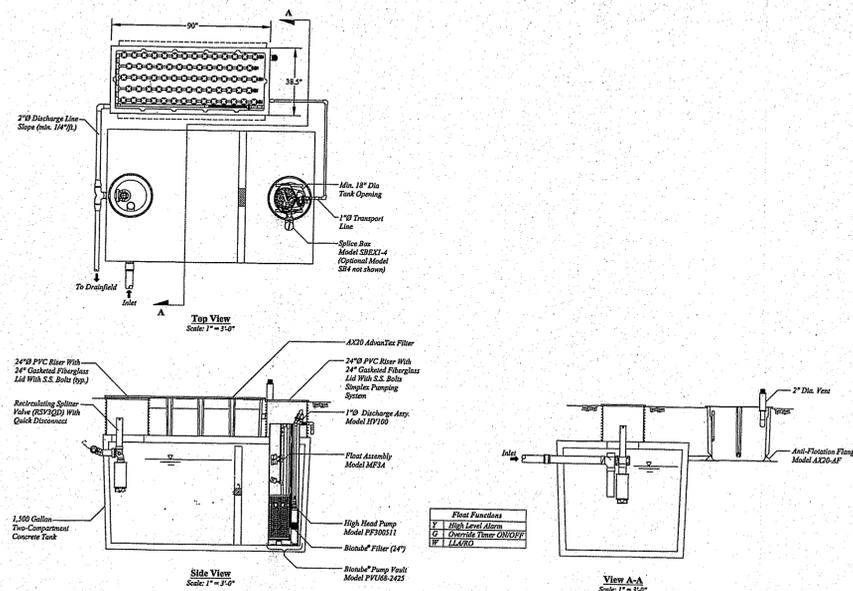
ISOMETRIC DETAIL



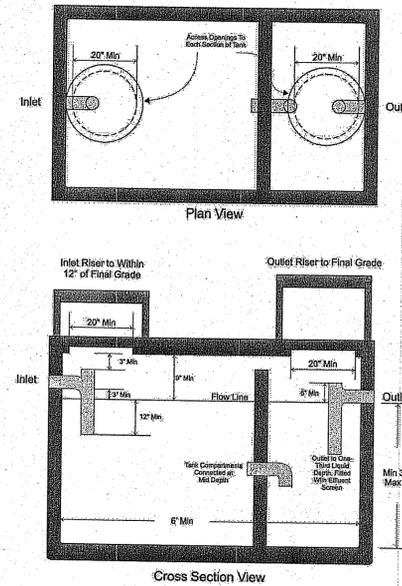
FLOW DIFFUSER DETAIL (FD4X8L)  
 SCALE: NOT TO SCALE



DISTRIBUTION BOX DB-5  
 SCALE: NOT TO SCALE

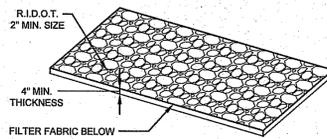


ADVANTEX TREATMENT SYSTEM  
 AX20 MODE 3B  
 SCALE: NOT TO SCALE

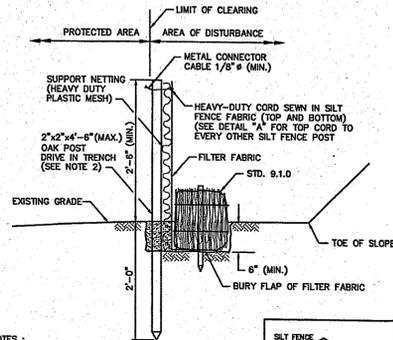


TYPICAL 2,500 GALLON SEPTIC TANK DETAIL  
 SCALE: NOT TO SCALE

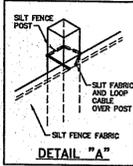
No.	Revision	Date	App.
Designed By:	GES	Drawn by:	DJW
Scale:	AS SHOWN	Date:	17 JUNE 16
Project Title:			
<b>A.P. 46 LOT 44-4</b> 258 JOHN DYER ROAD LITTLE COMPTON, RHODE ISLAND			
Client/Owner:			
EDWARD LEVINE 258 JOHN DYER ROAD LITTLE COMPTON, RI			
Issued for:			
RIDEM			
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<b>OWTS DETAILS</b>			
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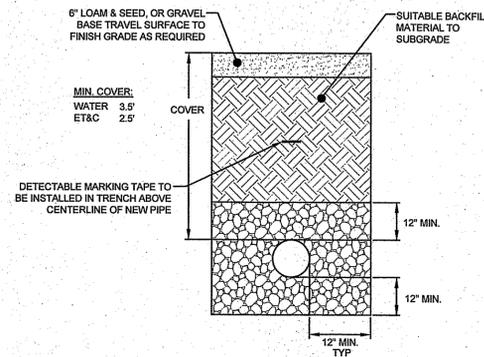
**CONSTRUCTION ENTRANCE**  
SCALE: NOT TO SCALE



- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
  2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SLIT. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC. 2" x 2" x 4" - 6" (MAX.) OAK POST FOR SILT FENCE SHALL BE LOCATED 8" - 0" (MAX.) O.C. IN WETLAND AREAS AND 4" - 6" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
  3. 1" x 1/4" - 6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
  4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



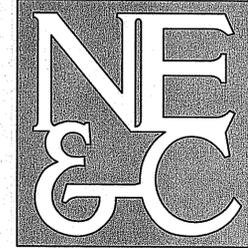
**BALED STRAW EROSION CHECK AND SILT FENCE COMBINED (RIDOT 9.3.0)**  
SCALE: NOT TO SCALE



**UTILITY TRENCH DETAIL**  
SCALE: NOT TO SCALE

- TRENCH NOTES:**
1. UNSUITABLE MATERIAL SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 12-INCHES BELOW THE DESIGN INVERT ELEVATION.
  2. TRENCH PROTECTION SHALL BE REQUIRED IN ACCORDANCE WITH OSHA REGULATIONS, AND AS OTHERWISE REQUIRED TO PROTECT UTILITIES, ROADWAYS, AND ADJACENT STRUCTURES.
  3. SEWER AND DRAIN PIPES SHALL BE LAID BEGINNING AT THE DOWNSTREAM END OF THE PIPE LINE.
  4. ALL PVC SEWER PIPES SHALL BE IPEX RING-TITE SDR 35, OR SIMILAR APPROVED.
  5. ALL SEWER PIPE AND GASKETS SHALL CONFORM TO ASTM 3034 AND ASTM F679.
  6. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED 12" IN HEIGHT WHEN INSTALLED UNDER LANDSCAPED AREAS ONLY. INSTALLATIONS UNDER PAVEMENT REQUIRE BACKFILL MATERIAL TO BE PLACED IN LAYERS NOT TO EXCEED 6" IN HEIGHT. THESE LAYERS SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (ASTM D 1557). SUITABLE BACKFILL SHALL BE FREE OF LOAM, CLAY, ORGANIC MATTER AND PARTICLES LARGER THAN 2 INCHES IN DIAMETER.
  7. SEWER PIPE TRENCHES SHALL BE BEDDED WITH CRUSHED STONE OR SCREENED GRAVEL. THESE MATERIALS MUST CONFORM TO RIDOT STANDARD M.01.09 TYPE II MATERIAL.
  8. WATER PIPE TRENCHES MUST BE BEDDED WITH SAND CONTAINING NO PARTICLES LARGER THAN 3/8". THIS MATERIAL MUST CONFORM TO AASHTO M6 REQUIREMENTS.
  9. UTILITY INSTALLATIONS SHALL CONFORM TO ALL REQUIREMENTS OF THE TOWN OF LITTLE COMPTON PUBLIC WORKS DEPARTMENT.
  10. WHEN TRENCH EXCAVATION IS ADJACENT TO OR UNDER EXISTING STRUCTURES OR FACILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SHEETING AND BRACING THE EXCAVATION AND STABILIZING THE EXISTING GROUND TO RENDER IT SAFE AND SECURE FROM POSSIBLE SLIDES, CAVE-INS AND SETTLEMENT AND FOR PROPERLY SUPPORTING EXISTING STRUCTURES AND FACILITIES WITH BEAMS, STRUTS OR UNDERPINNING TO FULLY PROTECT THEM FROM DAMAGE.

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TRANSPORTATION  
STRUCTURAL

1	REVISED PER DEM AND TOWN COMMENT	18AUG16	
No.	Revision	Date	App.
Designed By:	GES	Drawn by:	DJW
Scale:	AS SHOWN	Date:	17JUN16
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<b>A.P. 46 LOT 44-4</b> <b>258 JOHN DYER ROAD</b> LITTLE COMPTON, RHODE ISLAND			
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