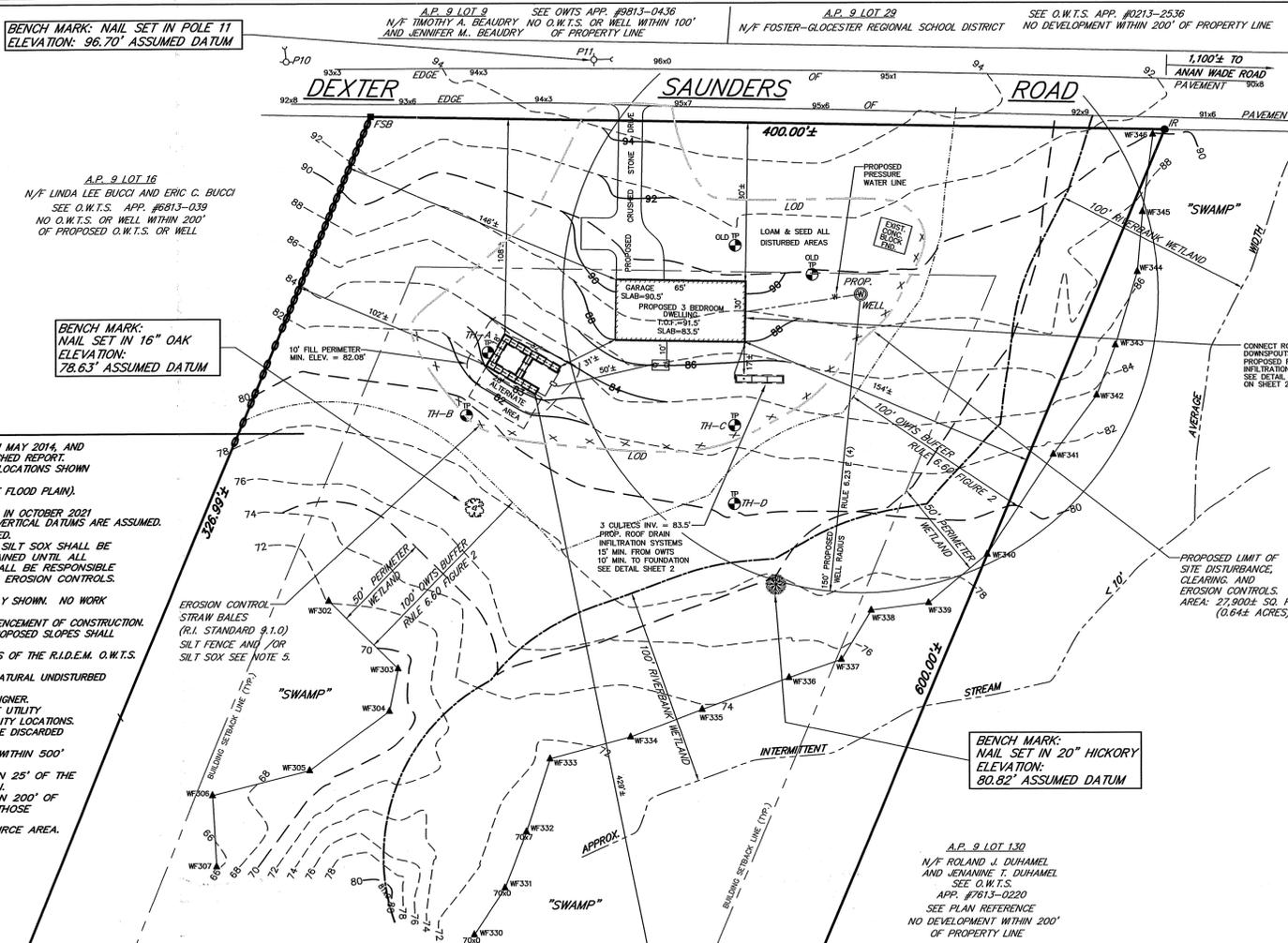


- NOTES**
- THE WETLAND EDGES (SWAMP) WERE DELINEATED BY APPLIED BIO-SYSTEMS, INC. IN MAY 2014, AND LOCATED IN THE FIELD BY SCITUATE SURVEYS, INC. IN OCTOBER 2021. SEE ATTACHED REPORT. THE LOCATION OF THE INTERMITTENT STREAMS WAS DERIVED DIGITALLY FROM THE LOCATIONS SHOWN ON THE REFERENCED PLAN.
 - SITE IS WITHIN FLOOD HAZARD ZONE X (AREAS OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN). REFERENCE F.I.R.M. MAP PANEL #4007005556 DATED MARCH 2, 2009.
 - TOPOGRAPHY AND ELEVATIONS SHOWN ARE FROM AN ON-SITE SURVEY PERFORMED IN OCTOBER 2021 USING CONVENTIONAL (TOTAL STATION) SURVEY METHODS. THE HORIZONTAL AND VERTICAL DATUMS ARE ASSUMED.
 - EXCEPT WHERE SHOWN THE SITE IS CURRENTLY UNDEVELOPED AND ENTIRELY WOODED.
 - STRAW BALE EROSION CHECK (R.I. STANDARD 9.1.0), SILT FENCE AND/OR SILT SOX SHALL BE INSTALLED PRIOR TO EARTH DISTURBING ACTIVITIES AND SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
 - REFER TO APPROVED SUBDIVISION SOIL EVALUATION APPLICATION JULY 17, 2014.
 - NO WORK IS ALLOWED WITHIN STATE REGULATED WETLANDS EXCEPT AS SPECIFICALLY SHOWN. NO WORK IS PROPOSED IN JURISDICTIONAL WETLANDS.
 - ALL IMPROVEMENTS SHALL BE ACCURATELY LOCATED AND STAKED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE STABILIZED WITH 4" LOAM AND SEED OR SOD, PROPOSED SLOPES SHALL BE 3:1 (MAXIMUM).
 - ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE R.I.D.E.M. O.W.T.S. AND WETLANDS PERMITS AND IN COMPLIANCE WITH ALL TOWN REGULATIONS.
 - AREAS OUTSIDE OF THE PERMANENT LIMITS OF DISTURBANCE SHALL REMAIN IN A NATURAL UNDISTURBED STATE.
 - ALL STAGES OF O.W.T.S. CONSTRUCTION MUST BE SUPERVISED BY THE SYSTEM DESIGNER.
 - EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. DIG SAFE AND APPROPRIATE UTILITY AUTHORITIES SHALL BE NOTIFIED PRIOR TO ANY CONSTRUCTION FOR ACCURATE UTILITY LOCATIONS.
 - ALL EXCESS SOIL, STUMPS, TREES, ROCKS, BouldERS AND OTHER REFUSE SHALL BE DISCARDED OFF SITE OUTSIDE OF ALL JURISDICTIONAL WETLANDS UNLESS OTHERWISE SPECIFIED.
 - THERE ARE NO EXISTING OR PROPOSED PUBLIC WATER SUPPLY SOURCES WITHIN 500' OF LOT 7 OTHER THAN THOSE SHOWN ON THE PLAN.
 - THERE ARE NO EXISTING OR PROPOSED SEWAGE DISPOSAL SYSTEMS WITHIN 25' OF THE PROPOSED WATER SUPPLY LINE OTHER THAN THOSE SHOWN ON THE PLAN.
 - THERE ARE NO EXISTING OR PROPOSED INDIVIDUAL WATER SUPPLIES WITHIN 200' OF THE PROPOSED ON-SITE WASTEWATER TREATMENT SYSTEM OTHER THAN THOSE SHOWN ON THE PLAN.
 - THE SITE IS WITHIN THE SCITUATE RESERVOIR WATERSHED CRITICAL RESOURCE AREA.



ASSESSOR'S PLAT 9 LOT 7
 AREA = 6.000± ACRES
 261,360± SQ. FT.)

LEGEND

- ASSASSOR'S PLAT
- N/F
- SQ. FT.
- STONE WALL
- WETLAND DELINEATION FLAG
- SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED EROSION CONTROL
- UTILITY POLE WITH LIGHT
- FIELD STONE BOUND FOUND
- IRON ROD FOUND
- SOIL EVALUATION TEST HOLE

GROUND WATER & LEDGE DEPTH TABLE

TEST PIT	GROUNDWATER DEPTH	EXISTING GROUND	GROUNDWATER ELEVATION	LEDGE DEPTH	LEDGE ELEVATION
TH-A	6.0'	82.6'	76.6'	8.0'	74.6'
TH-B	4.0'	79.5'	75.5'	8.0'	71.5'
TH-C	6.5'	82.7'	76.2'	8.0'	74.7'
TH-D	5.5'	80.3'	74.8'	8.0'	72.3'

PLAN REFERENCE
 *ROLAND J. & JEANINE T. DUHAMEL, ASSESSORS PLAT 9 LOTS 7 & 130 19 DEXTER SAUNDERS ROAD GLOUCESTER, RHODE ISLAND ADMINISTRATIVE SUBDIVISION . . . JANUARY 2015 JOB NO. 2015-9 SHEET 1 OF 1 REVISION 1 2/11/15 . . .
 BY NATIONAL SURVEYORS-DEVELOPERS INC.
 RECORDED IN THE TOWN OF GLOUCESTER AS MAP #862 HANGING FILE 503.

OWNER/APPLICANT
 MAC GROUP LLC
 290 TOURTELLOTT HILL ROAD
 CHEPACHET, RI 02814

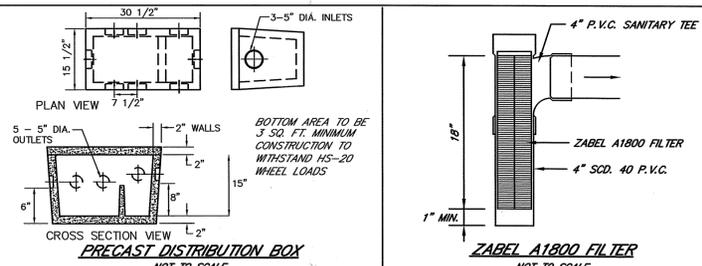
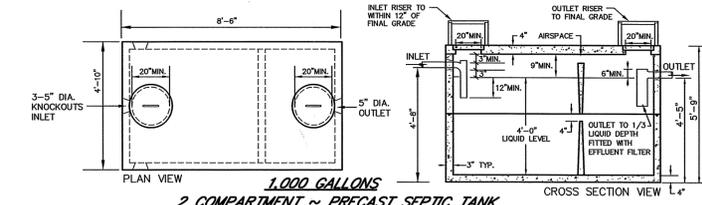
ZONE DATA

ZONE: A-3 AGRICULTURAL SINGLE FAMILY RESIDENCE

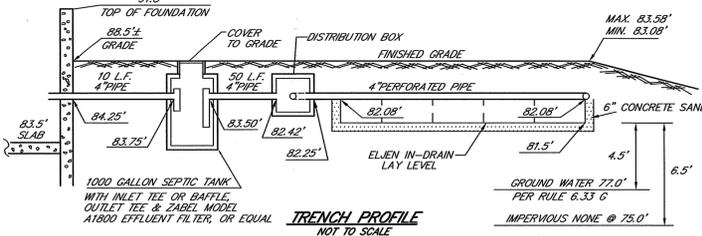
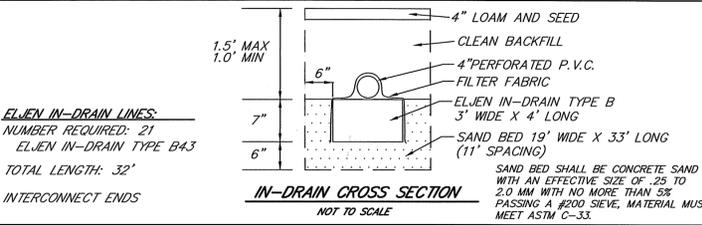
MINIMUM LOT SIZE AREA:	3 ACRES
MINIMUM LOT WIDTH:	300'
MINIMUM FRONT YARD DEPTH:	75'
MINIMUM SIDE YARD DEPTH:	50'
MINIMUM REAR YARD DEPTH:	100'
MAXIMUM BUILDING COVERAGE:	4%
MAXIMUM BUILDING HEIGHT:	35'
ACCESSORY STRUCTURE:	25'

DESIGN CRITERIA

SEWAGE FLOW - 3 BEDROOMS - 115 GALLONS PER BEDROOM UNIT
 PERCOLATION RATE - SOIL CATEGORY 1m - .61 GALLONS/SQ. FT./DAY
 TOTAL DAILY FLOW:
 115 GALLONS/DAY/BEDROOM - 115 X 3 = 345 GALLONS PER DAY
 MINIMUM REQUIRED LEACH FIELD AREA:
 345 GALLONS PER DAY (MAX.) - .61 GALS./SQ. FT./DAY = 565.6 SQ. FT.
 LEACH FIELD AREA PROVIDED: 21 X 7 = 588 SQ. FT.
 LEACH FIELD DESIGN POINT: ELEVATION 83.0'-6.0' SWHT=77.0' DESIGN ELEVATION
 *PER RULE 6.34 (F) 2 A PROPERLY COMPACTED GRAVEL BASE MEETING THE REQUIREMENTS OF RULE 6.33 (M) SHALL BE PLACED THROUGHOUT THE EXCAVATION TO AN ELEVATION 2" ABOVE THE TOP OF THE DISTRIBUTION LINES.
 DISPERSAL TRENCHES SHALL BE EXCAVATED OUT OF THE COMPACTED GRAVEL. THERE SHALL BE A MINIMUM 6" GRAVEL BASE LAYER MEETING THE REQUIREMENTS OF RULE 6.33 (M) BELOW THE SPECIFIED SAND.



- DESIGN AND CONSTRUCTION NOTES:**
- ALL WORK SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT RULES AND REGULATIONS, AS AMENDED.
 - THE TOP OF FOUNDATION ELEVATION SHOWN HAS BEEN DESIGNED FOR O.W.T.S. PURPOSES ONLY. THE OWNER AND/OR CONTRACTOR IS ADVISED TO DETERMINE WHETHER THE BASEMENT FLOOR OF THE PROPOSED DWELLING IS AT OR BELOW THE GROUND WATER TABLE AND, IF SO, RAISE THE FOUNDATION ACCORDINGLY.
 - THE CONTRACTOR SHALL NOTIFY THE DESIGNER OF ANY PROPOSED DEVIATIONS FROM THIS SITE PLAN. THE DESIGNER MUST PERFORM ALL NECESSARY INSPECTIONS, BOTH DURING AND AFTER INSTALLATION, BEFORE ANY COMPONENT OF THE SYSTEM IS COVERED.
 - THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN COMPILED FROM MAPS, DEEDS, AND OTHER SOURCES OF INFORMATION, AND ARE SUBJECT TO SUCH MODIFICATIONS AS AN ACTUAL BOUNDARY SURVEY MAY DISCLOSE. TO THE EXTENT THAT SUCH BOUNDARIES ARE CRITICAL TO THE O.W.T.S. LOCATION, THEY MUST BE ESTABLISHED PRIOR TO CONSTRUCTION.
 - ALL TREES, STUMPS, AND BRUSH WITHIN A 10' PERIMETER AROUND THE SYSTEM MUST BE CLEARED.
 - THE EXCAVATION SHALL BE LEVEL AND SCARIFIED.
 - ALL TOPSOIL AND SUBSOIL WITHIN A 5'-PERIMETER OF THE SYSTEM SHALL BE STRIPPED AND BACKFILLED WITH CLEAN, COARSE GRAVEL. EXCAVATION INTO IMPERVIOUS MATERIAL IS PROHIBITED UNLESS OTHERWISE APPROVED BY THE DIRECTOR.
 - MAINTAIN TRENCH INVERT ELEVATION FOR 10' BEYOND THE PERIMETER OF THE LEACHING FIELD. THE ADJACENT SIDE SLOPE SHALL NOT BE STEEPER THAN 3:1 FOR A 25' MIN. DISTANCE FROM THE EDGE OF LEACH FIELD. MAINTAIN 5' TO PROPERTY LINE FROM TOE OF 3:1 SIDE SLOPE.
 - INSTALL CAST IRON PIPE OR EQUIVALENT FROM THE FOUNDATION TO THE SEPTIC TANK. ALL OTHER PIPES MUST BE SDR 35 P.V.C. OR EQUIVALENT.
 - SUBSURFACE DRAINS AND WATER SUPPLY LINE TO BE INSTALLED IN CONFORMANCE WITH DISTANCES SPECIFIED IN TABLE 6.23 (B).
 - ALL KNOWN EXISTING AND PROPOSED PUBLIC WATER SUPPLY WELLS WITHIN 500' OF THE SYSTEM ARE SHOWN; ALL KNOWN EXISTING AND PROPOSED PRIVATE WELLS WITHIN 200' OF THE SYSTEM ARE SHOWN; ALL KNOWN EXISTING AND PROPOSED SEPTIC SYSTEMS WITHIN 100' OF THE WELL ARE SHOWN.
 - ALL WORK MUST CONFORM TO THE REQUIREMENTS OF OTHER EXISTING PERMITS, IF ANY.
 - WITH RESPECT TO MUNICIPAL ZONING REQUIREMENTS, THE DESIGNER HAS MADE A REASONABLE EFFORT TO ASCERTAIN THE APPLICABLE DIMENSIONAL SETBACKS AND OTHER CONSTRAINTS TO DEVELOPMENT. HOWEVER, TO THE POSSIBILITY OF UNRECORDED VARIANCES, NON-CONFORMING USES, AND OTHER RELEVANT DOCUMENTS, IT REMAINS THE RESPONSIBILITY OF THE OWNER TO VERIFY THAT THIS DESIGN SATISFIES LOCAL CODES.
 - ALL STAGES OF CONSTRUCTION MUST BE SUPERVISED BY THE DESIGNER OF RECORD, UNLESS WAIVED BY THE DESIGNER. ALL IMPROVEMENTS MUST BE STAKED BY THE DESIGNER OR HIS AGENTS PRIOR TO CONSTRUCTION. THESE INCLUDE THE O.W.T.S., FOUNDATION, WELL, EROSION CONTROLS, CLEARING LIMITS AND ANY OTHER FEATURES DEEMED CRITICAL TO THE DESIGN.



SCITUATE SURVEYS, INC.
 410 TIOGHE AVENUE
 COVENTRY, RHODE ISLAND 02816
 401.821.8101
 LAND SURVEYING/MAPPING/SITE PLANNING
 SCALE IN FEET: 0 20 40 80 120

ANGELLO M. RAMONDI
 No. 1762
 PROFESSIONAL LAND SURVEYOR
 I hereby certify that the plan and data were 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 28, 2018, as follows:
 TITLE OF BOUNDARY SURVEY: NOT A BOUNDARY SURVEY
 TYPE OF SUBMISSION: DATA ACCUMULATION SURVEY CLASS II
 MEASUREMENT TECHNIQUE: N/A
 MEASUREMENT ACCURACY: MEASUREMENT SURVEY ACCURACY F=2
 I, the undersigned, a duly qualified and licensed Professional Land Surveyor, No. 1762, do hereby certify that the plan and data were prepared by me or under my direct supervision and that I am a duly qualified and licensed Professional Land Surveyor, No. 1762, and that I am not an independent professional.

ANGELLO M. RAMONDI
 No. 1762
 PROFESSIONAL LAND SURVEYOR

PLAN SHOWING PROPOSED IMPROVEMENTS & ON-SITE WASTEWATER TREATMENT SYSTEM
ASSESSOR'S PLAT 9 LOT 7
 DEXTER SAUNDERS ROAD
 GLOUCESTER, RHODE ISLAND
 PREPARED FOR: MAC GROUP LLC
 DATE: NOVEMBER 2, 2021
 REVISION:
 SCALE: 1"=40'
 PROJECT NO.: SS3014 SHEET 1 OF 2
 DRAWING NO.: SS4888

