

CONSTRUCTION KEY NOTES:
(NOT A CONSTRUCTION SEQUENCE)

- 1 CONSULT WITH OWNER REGARDING PRESERVATION OF TREES.
- 2 REMOVE AND REPLACE A AND B SOIL HORIZONS WITH SELECT SOIL FILL.
- 3 INSTALL SEPTIC TANK AND CONNECTING PIPE.
- 4 INSTALL DISTRIBUTION BOX AND CONNECTING PIPE.
- 5 INSTALL SOIL ABSORPTION TRENCHES AND CONNECTING PIPES.
- 6 INSTALL HAY BALE / SILT FENCE BARRIER PRIOR TO ANY EARTH DISTURBANCE. BARRIER SHALL SERVE AS THE LIMIT OF WORK.
- 7 ALL DISTURBED AREAS SHALL BE BACKFILLED, FINISH GRADED, AND HYDROSEEDED WITH ANNUAL RYEGRASS.
- 8 EXISTING SEPTIC TANK(S) / CESSPOOL(S) / LEACH PIT(S) SHALL BE PROPERLY ABANDONED: PUMPED EMPTY, CRUSHED AND FILLED WITH CLEAN SAND, IN ACCORDANCE WITH 310 CMR 15.354
- 9 INSTALL INSPECTION PORT.
- 10 THE ENDS OF DISTRIBUTION PIPES SHALL BE CAPPED.

SEPTIC TANK COMPUTATIONS
(310 CMR 15.223)

1. FIRST COMPARTMENT : 200% DAILY FLOW = 1,650 GAL.
2. SECOND COMPARTMENT: 100% DAILY FLOW = 825 GAL.
2. REQUIRED: 2,000/1,000 GAL., TWO COMPARTMENT TANK

- FLOW**
1. BUILDING USE : SINGLE FAMILY DWELLING
 2. NO. OF BEDROOMS : 5
 3. DESIGN FLOW : 165 GPD/BEDROOM
 4. TOTAL DAILY FLOW : 825 GALLONS

- SOIL ABSORPTION SYSTEM REQUIREMENTS**
1. DESIGN PERCOLATION RATE : 7 MINUTES PER INCH
 2. SOIL CLASS : CLASS I
 3. LONG TERM ACCEPT. RATE: 0.68 GAL./SF
 4. GARBAGE GRINDER: N/A
 5. TOTAL AREA REQ'D -LOCAL CODE: 1,214 SF
 6. TOTAL AREA REQ'D -TITLE 5: 809 SF
 7. TOTAL AREA PROVIDED: 5 TRENCHES X ((2'+2'+2') X 41 L.F.)= 1,230 SF

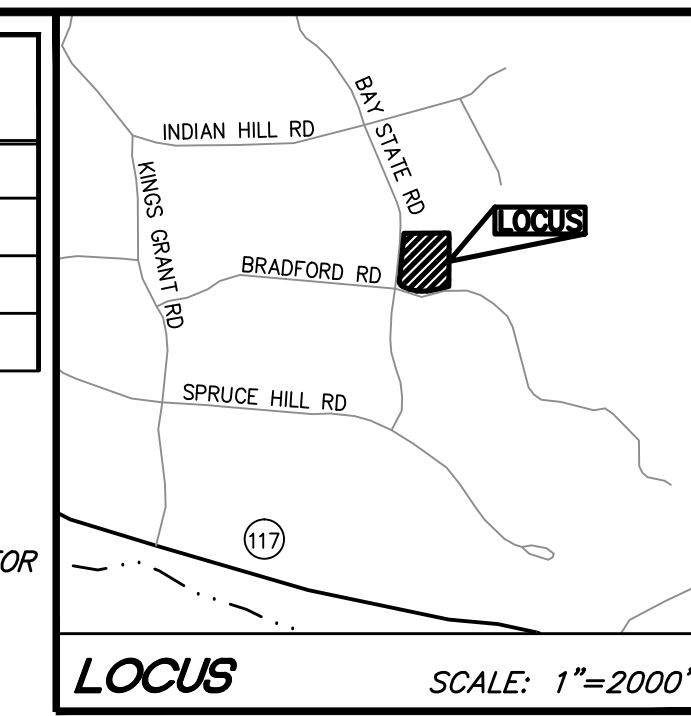
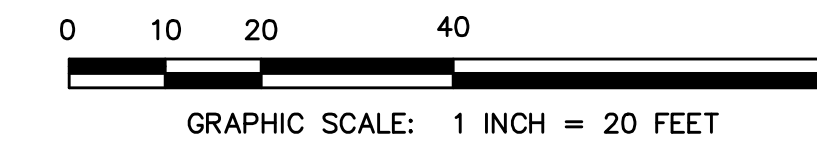
ELEVATION BENCH MARKS		
DATUM: (SEE NOTE 1)		
NO.	DESCRIPTION	ELEV.
A	TOP OF CONCRETE BOUND WITH DRILLHOLE FOUND	260.72

1) DATUM FOR TOPOGRAPHY IS APPROXIMATE NAVD 88 FROM BEST FIT OF SITE TOPOGRAPHY BASED ON TOWN OF WESTON GIS SYSTEM.

PLAN INTENT
THESE DRAWINGS ARE INTENDED TO SHOW CONSTRUCTION REQUIREMENTS FOR A SUBSURFACE SEWAGE DISPOSAL SYSTEM.

FLOW AND AREA COMPUTATIONS
(310 CMR 15.242)

SITE PLAN



SEWAGE DISPOSAL SYSTEM

60 Bradford Road
Weston, Massachusetts 02493

ASSESSORS:

MAP 8 LOT 117

PREPARED FOR:

ALT-RE DEVELOPMENT, LLC

26 Elderwood Drive
Stoughton, Massachusetts 02072

HANCOCK ASSOCIATES

Civil Engineers
Land Surveyors
Wetland Scientists

315 ELM STREET MARLBOROUGH MA 01752
VOICE (978) 777-3050, FAX (978) 774-7816
WWW.HANCOCKASSOCIATES.COM

SOIL TEST DATA

PERC TEST	DEPTH BELOW GRADE @ 12" LEVEL (IN.)	FIELD RATE (MIN/IN.)	DATE
P-1	36	7	09/08/15

EVALUATOR: EDWARD CULLEN
WITNESS: WENDY DIOTALEVI - WESTON - BOH

DEEP SOIL OBS. HOLE	T-1	T-2		
DATE	09/08/15	09/08/15		
GRADE EL.	243.3	241.2		
ESHOW EL.	234.7*	232.6*		
OBS. GW EL.	NONE	NONE		
BOTTOM EL.	233.6	230.9		

* E.S.H.G.W. IS ASSUMED TO BE 104" BELOW GRADE FROM A TEST PIT DONE ON 5/20/15

T-1
0-7" A, FINE SANDY LOAM 10YR3/3 FRIABLE
7-30" B, FINE SANDY LOAM 5YR5/6 VERY FRIABLE
30-116" C, LOAMY SAND 2.5Y6/4 FIRM IN PLACE
NO OBSERVED GROUND WATER, NO REDOX, NO REFUSAL

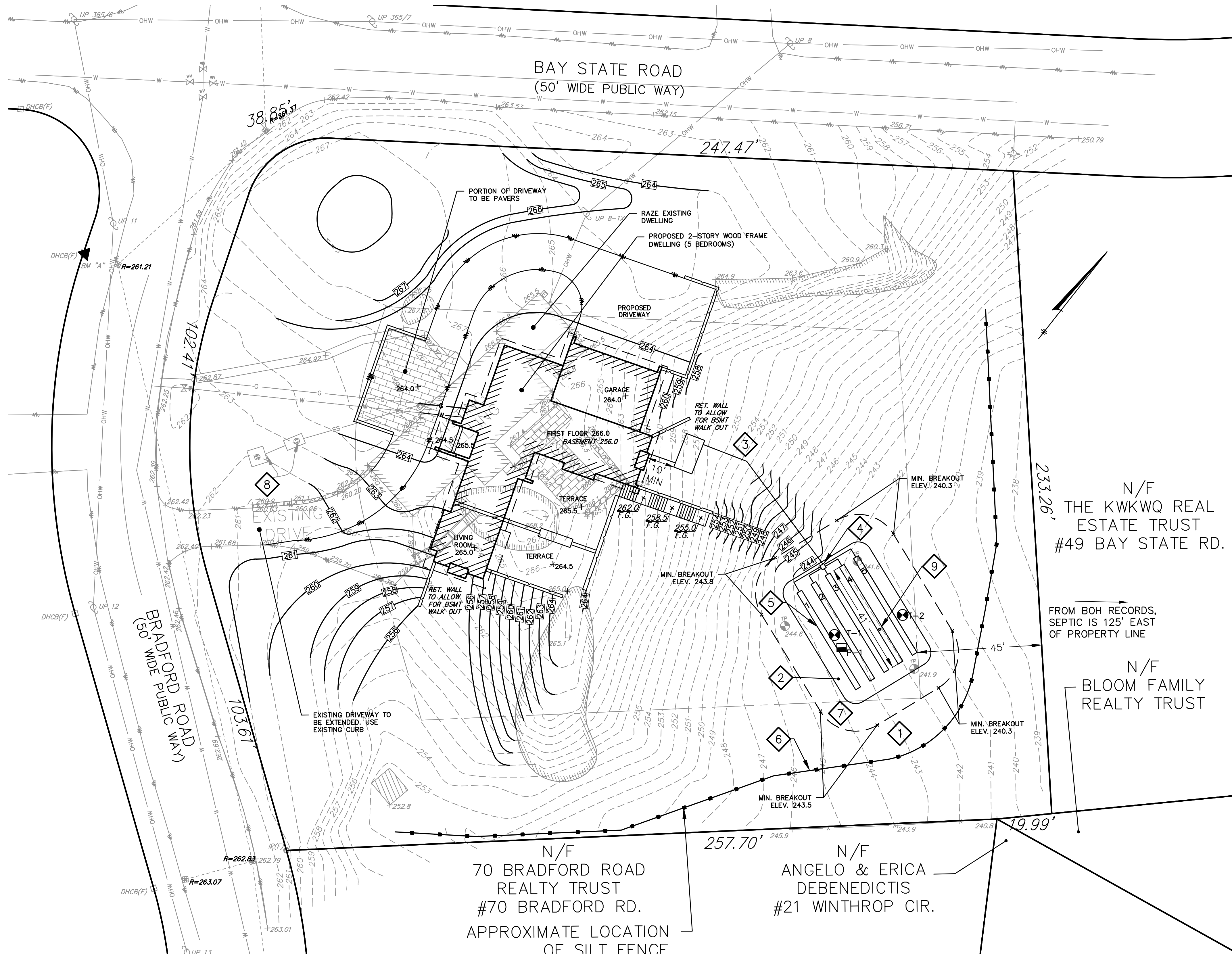
T-2
0-8" A, FINE SANDY LOAM 10YR3/3 FRIABLE
8-30" B, FINE SANDY LOAM 5YR5/6 VERY FRIABLE
30-124" C, LOAMY SAND 2.5Y6/4 FIRM IN PLACE
NO OBSERVED GROUND WATER, NO REDOX, NO REFUSAL

I CERTIFY THAT IN NOV. 2002, I PASSED THE EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND THAT THE SOIL EVALUATION WAS PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE, AND EXPERIENCE DESCRIBED IN 310 CMR 15.018 (2).

EDWARD CULLEN SE2773, CERTIFIED SOIL EVALUATOR DATE

APPLICANT:
ALT-RE DEVELOPMENT, LLC
26 ELDERWOOD DRIVE STOUGHTON, MA 02072

EXISTING	LEGEND	PROPOSED
WS	SEWER LINE	WS
W	WATER SERVICE	W
G	NATURAL GAS LINE AND VALVE	G
---	PROPERTY LINE	---
---	HAY BALE/SILT FENCE	---
55.36'	DISTANCE ALONG BOUNDARY	
▲ #2	ELEVATION BENCH MARK	
---	EDGE OF PAVEMENT	
---	BUILDING, LIGHT, STEPS & OVERHANG	
x 92.6	SPOT ELEVATION	x 93.3 F.C.
---	ELEVATION CONTOUR	---
---	RETAINING WALL	---



NO.	BY	APP	DATE	ISSUE/REVISION	DESCRIPTION

SITE PLAN, PROFILE & LEGEND

DATE: 1/20/16 DESIGN BY: ETC
SCALE: AS SHOWN DRAWN BY: JPC
APPRVD. BY: JPI CHECK BY: JP

PROJECT NO.: 19215

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