

PROJECT NARRATIVE: 155 TOLL GATE ROAD - 1.4 ACRE PARCEL ON THE EAST SIDE OF TOLL GATE ROAD, BERLIN.

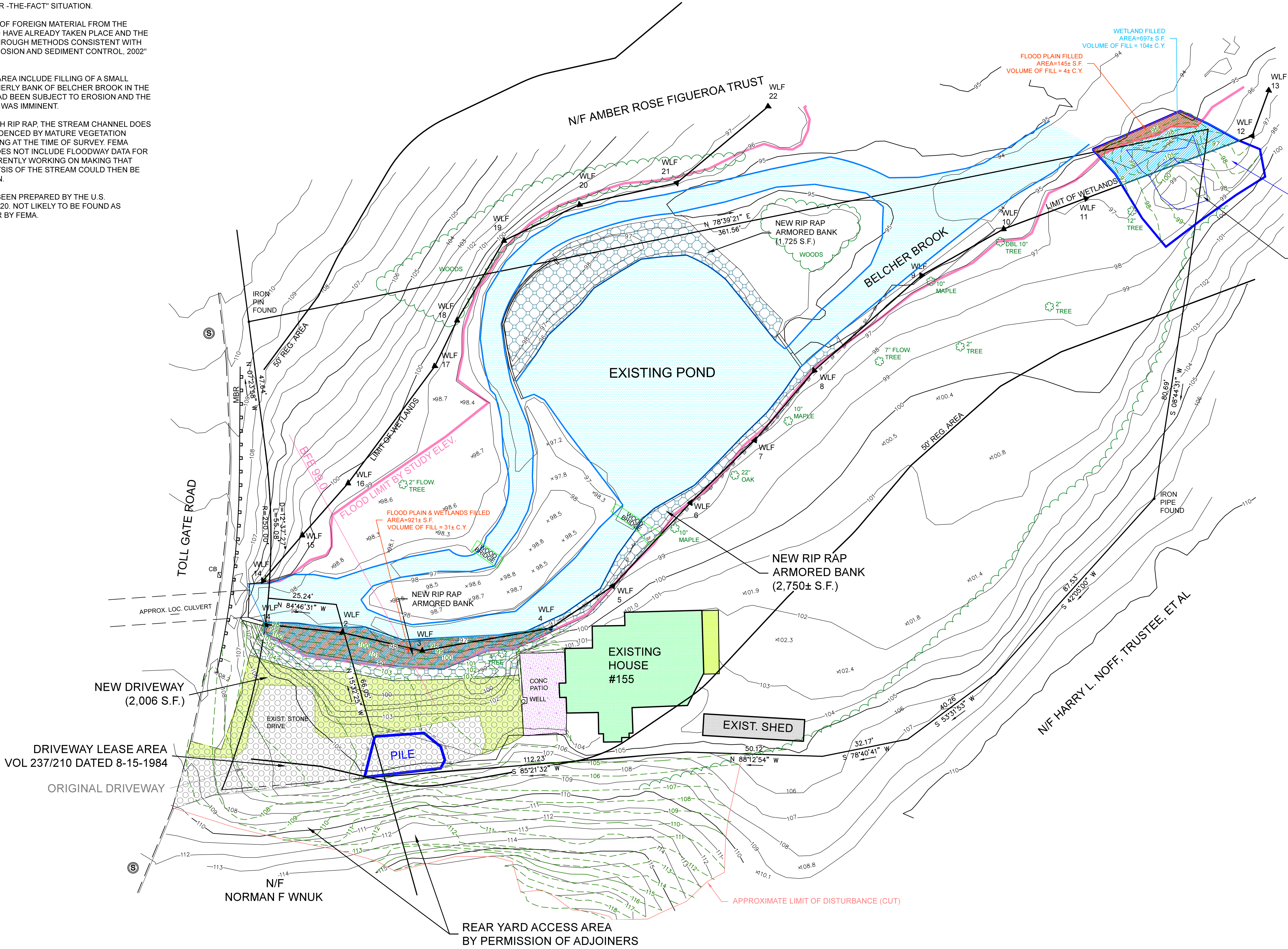
THIS PROJECT AND APPLICATION IS AN "AFTER -THE-FACT" SITUATION.

STREAM BANK STABILIZATION AND REMOVAL OF FOREIGN MATERIAL FROM THE STREAM BED ADJACENT TO TOLL GATE ROAD HAVE ALREADY TAKEN PLACE AND THE DISTURBED AREAS HAVE BEEN STABILIZED THROUGH METHODS CONSISTENT WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, 2002" AS AMENDED.

ADDITIONAL WORK WITHIN THE REGULATED AREA INCLUDE FILLING OF A SMALL FLOOD PLAIN AREA ADJACENT TO THE SOUTHERLY BANK OF BELCHER BROOK IN THE PROXIMITY OF THE RESIDENCE. THIS AREA HAD BEEN SUBJECT TO EROSION AND THE POTENTIAL FOR DAMAGE TO THE RESIDENCE WAS IMMINENT.

WHILE THE BANKS HAVE BEEN ARMORED WITH RIP RAP, THE STREAM CHANNEL DOES NOT APPEAR TO HAVE BEEN ALTERED AS EVIDENCED BY MATURE VEGETATION REMAINING AT THE EDGE OF STREAM, EXISTING AT THE TIME OF SURVEY. FEMA FLOOD INSURANCE STUDY FOR THE AREA DOES NOT INCLUDE FLOODWAY DATA FOR BELCHER BROOK AT THIS TIME. FEMA IS CURRENTLY WORKING ON MAKING THAT INFORMATION AVAILABLE". HYDRAULIC ANALYSIS OF THE STREAM COULD THEN BE CONDUCTED IF REQUIRED BY THE COMMISSION.

FEMA HAS NOT FOUND THE STUDY TO HAVE BEEN PREPARED BY THE U.S. GEOLOGICAL SURVEY AS OF DECEMBER 1, 2020. NOT LIKELY TO BE FOUND AS REPORTED TO THE UNDERSIGNED SURVEYOR BY FEMA.



LEGEND

EXISTING TOWN OF BERLIN CONTOUR (2016)	— 96 —
EXISTING CONTOUR (DISTURBED - NOV. 2020)	— 156 —
EXISTING ELEVATION (NOV. 2020)	— 101.8 —
EXISTING SILT FENCE	— SF — SF —

TABLE OF FILL & DISTURBANCE

SOUTHWESTERLY CORNER OF SITE:
TOTAL AREA OF DISTURBANCE - 29,238+/- S.F.
DISTURBANCE IN WETLANDS* & REG. AREA - 21,500+/- S.F.
TOTAL CUT - 495 C.Y.
TOTAL FILL - 539 C.Y.
AREA OF WETLAND & FLOOD PLAIN DISTURBANCE - 921+/- S.F.
VOLUME OF FILL IN WETLAND AND FLOOD PLAIN AREA - 31+/- C.Y.

*PREVIOUS WETLANDS LIMIT ASSUMED TO BE AT THE PERIMETER OF THE FLOOD PLAIN AS DETERMINED BY ELEVATION OF FLOOD STUDY.

PILE AREA AT EASTERLY END OF THE SITE:
TOTAL AREA OF PILE/DISTURBANCE - 1,723+/- S.F.
TOTAL VOLUME OF PILE - 130+/- C.Y.
WETLANDS DISTURBANCE - 697+/- S.F.
VOLUME OF FILL IN WETLANDS - 104+/- C.Y.
FLOOD PLAIN DISTURBANCE - 145+/- S.F.
VOLUME OF FILL IN FLOOD PLAIN - 4+/- C.Y.

FLOODWAY DATA FOR BELCHER BROOK IS NOT PUBLISHED IN THE FLOOD INSURANCE STUDY A REQUEST HAS BEEN SUBMITTED TO FEMA FOR THIS INFORMATION TO BE PROVIDED AND FEMA HAS RESPONDED BY SAYING THAT THE FLOODWAY DATA HAS NOT BEEN RECOVERED AND PROBABLY WILL NOT BE FOUND.

WETLANDS FLAGGED BY R. RICHARD SNARSKI, SOIL SCIENTIST 11-17-2020.

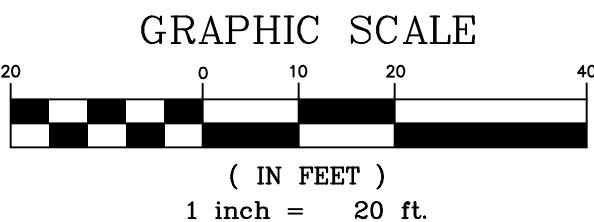
REFERENCE MADE TO MAP TITLED: PROPERTY BOUNDARY SURVEY MAP SHOWING LOT LINE RELOCATION PROPERTY OF PATRICK N. DIPINTO, JR. KNOWN AS LOT 14/BLOCK 115 155 TOLL GATE ROAD BERLIN, CONNECTICUT DATE MAY 23, 2002. PREPARED BY MBA ENGINEERING, INC.

TYPE OF SURVEY: PROPERTY & TOPOGRAPHIC
BOUNDARY DETERMINATION CATEGORY: DEPENDENT RESURVEY
CLASS OF ACCURACY: A-2, T-2

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON SEPTEMBER 26, 1996.

William T. Clark
WILLIAM T. CLARK L.S. #70080

NOT VALID WITHOUT EMBOSSED SEAL



PROPERTY IMPROVEMENT PLAN
155 TOLL GATE ROAD
PREPARED FOR
DAVID OLSON
BERLIN, CONN.

REV. 12-1-2020 ADDITIONAL INFORMATION		
CLARK LAND SURVEYING, LLC 126 TUNXIS ROAD BRISTOL, CONN. 06010 (860)-967-8590 TODD@CLARKLS.BIZ		
DATE: 11-17-2020	SCALE: 1" = 20'	MAP NO. 2020-183