

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

THIS START OF THIS PROJECT PRECEDED AN APPLICATION TO INLAND WETLANDS.

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.

SAND BAG COFFERDAM TO STOP FLOW DURING THE WORK

DRIVEWAY LEASE AREA  
VOL 237/210 DATED 8-15-1984

N/F NORMAN F WNUK

N/F AMBER ROSE FIGUEROA TRUST

N/F HARRY L. NOFF, TRUSTEE, ET AL

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, 1-2

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  
L.S. #70080

NOT VALID WITHOUT EMBOSSED SEAL

REMOVE FILL MATERIAL TO DISPOSAL AREA,  
RESTORE TO PRE-FILL GRADES, STABILIZE.  
REPLANT WETLANDS WITH WETLAND SEED MIX &  
WETLAND SHRUBS. REPLANT UPLAND WITH SEED.

REMOVE SEDIMENT TO DISPOSAL AREA  
(130± S.F.)

WETLAND FILLED  
AREA=697± S.F.  
VOLUME OF FILL = 104± C.Y.  
FLOOD PLAIN FILLED  
AREA=145± S.F.  
VOLUME OF FILL = 4± C.Y.

EXISTING PILE OF COARSE SAND, OVER AND  
MIXED WITH VEGETATION & WOODY DEBRIS  
VOLUME OF EXISTING CONTOURS OVER 2016  
CONTOURS IS CALCULATED AT 130 C.Y.

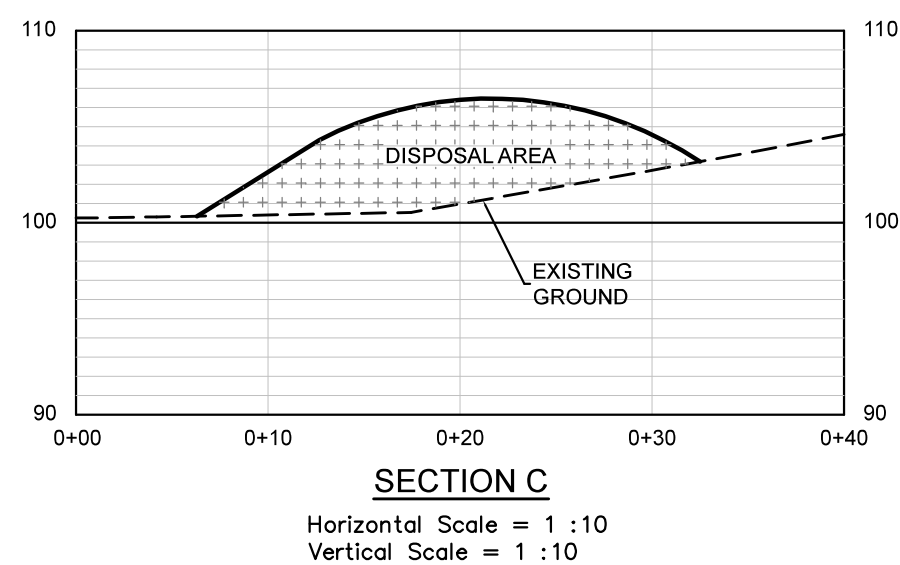
EXISTING PILE TO BE REMOVED FROM SITE,  
AREA TO BE RESTORED WITH NATIVE  
PLANTINGS APPROVED BY THE TOWN OF  
BERLIN INLAND WETLANDS AGENT

#### LEGEND

EXISTING TOWN OF BERLIN CONTOUR (2016)  
EXISTING CONTOUR (DISTURBED - NOV. 2020)  
EXISTING ELEVATION (NOV. 2020)  
EXISTING SILT FENCE

— 156 —  
— 101.8 —  
— 5' — 5' —

PROPOSED DISPOSAL AREA,  
STABILIZE & SEED



#### TABLE OF FILL & DISTURBANCE

**SOUTHWESTERLY CORNER OF SITE:**  
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.

NOTE:  
DELETERIOUS PILES TO BE REMOVED OFF-SITE

#### SITE IMPROVEMENT AND RESTORATION PLAN

155 TOLL GATE ROAD

PREPARED FOR  
DAVID OLSON  
BERLIN, CONN.

REV. 2-27-21 ADDITION DETAILS  
REV. 1-27-21 RESTORATION PLAN  
REV. 12-1-2020 ADDITIONAL INFORMATION

CLARK LAND SURVEYING, LLC

126 TUNXIS ROAD

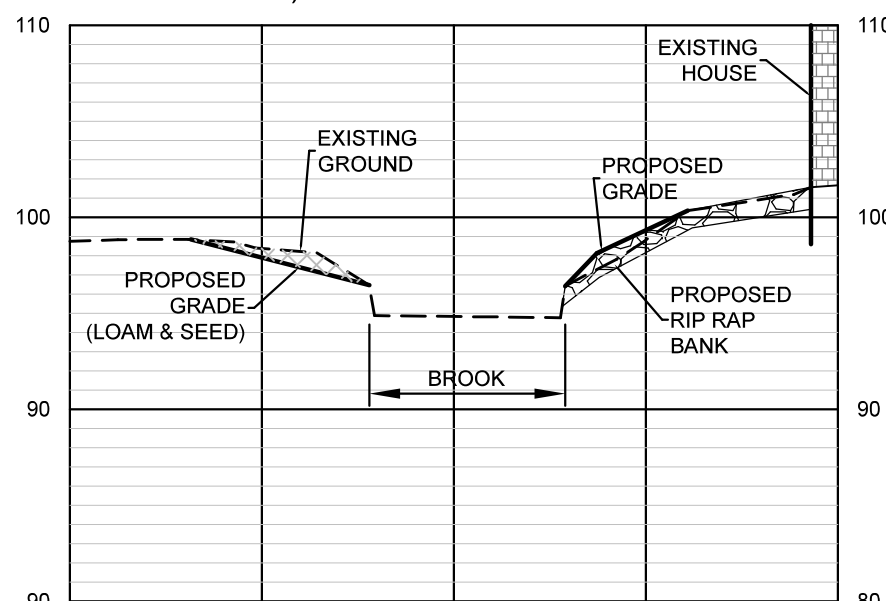
BRISTOL, CONN. 06010

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TODD@CLARKLS.BIZ

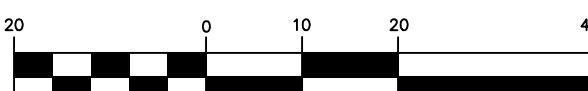
DATE: 11-17-2020 SCALE: 1" = 20' MAP NO. 2020-183

NEW ADDITIONAL RIP RAP TO STABILIZE STREAM  
BANK & PROTECT FOUNDATION (115 S.F. w/IN  
FLOOD ZONE)



SECTION A  
Horizontal Scale = 1 : 10  
Vertical Scale = 1 : 10

#### GRAPHIC SCALE



( IN FEET )  
1 inch = 20 ft.