S W E N

NOTE:

1. ELEVATIONS ARE BASED ON NGVD 1929 DATUM IN ACCORDANCE WITH NOTE 8 ON THE SURVEY BY CONTROL POINT ASSOCIATES.

PROPOSED TD BANK
3,865 SF±
REQUIRED PARKING=10 SPACES
PROPOSED PARKING=26 SPACES
FFE=194.10±

B-4 GW=189.5±
B-5 GW=189±
B-3 GW=185±
B-2 GW=185±
B-1 GW=184±

B-6 RF=182.0
B-7 RF=191±
B-8 RF=198±
B-9 RF=199±

PROPOSED 12'x10' RIP-RAP EMERGENCY OVERFLOW

132' - 6" SDR-35 PERF PVC, S=0.005 IN CRUSHED STONE TRENCH (REFER TO WALL PLANS BY OTHERS)

PROPOSED 5'x12' RIP-RAP APRON

CONTRACTOR TO MAINTAIN A MAX. GRADE OF 2% IN ALL DIRECTIONS WITHIN ADA PARKING AREAS

ACCESSIBLE ROUTE (CONTRACTOR TO MAINTAIN A MAX. GRADE OF 2% CROSS SLOPE WITHIN THIS AREA)

ACCESSIBLE ROUTE (CONTRACTOR TO MAINTAIN A MAX. GRADE OF 2% CROSS SLOPE AND 5S RUNNING SLOPE WITHIN THIS AREA)

GENERAL CONTRACTOR TO PROVIDE SMOOTH TRANSITION TO EXISTING SIDEWALK (TYP)

APPROXIMATE LOCATION OF EXISTING SANITARY SEWER STUB (INV +/- 183.5) PER ROUTE 111 PLAN

APPROX. LOC. 8" SANITARY FORCE MAIN (NOT FIELD VERIFIED)

BENCHMARK
P.O.B. IRON BAR
ELEV=189.44

BENCHMARK
"X" CUT ON HYDRANT
ELEV = 196.52

DMH
RIM=188.81
INV=184.2(A)
INV=183.8(B)

DMH
RIM=185.05
INV=178.6

SMH
RIM=189.65
INV=182.1(A)
INV=181.0(B)
INV=180.8(C)

DMH
RIM=192.52
INV=188.4(A)
INV=188.2(B)
INV=186.6(C)

DMH
PROP. RIM=192.64
INV=191.8(A)
INV=188.5(B)

INLET
GRT=194.99
INV=190.1(A)
INV=189.9(B)

INLET
GRT=192.22
INV=188.2

INLET
PROP. RIM=192.60
INV=192.0

SMH
RIM=195.27
INV=187.9(A)

INLET
GRT=188.53
INV=F.O.D.

INLET
GRT=189.50
INV=F.O.W.

MASSACHUSETTS AVENUE
(A.K.A. MASSACHUSETTS STATE HIGHWAY ROUTE 111)
(PUBLIC - 60' WIDE)

MAIN STREET

20 10 5 0 20
1"= 20'

THIS PLAN TO BE UTILIZED FOR GRADING PURPOSES ONLY

P:\08 TD Banknorth\W081068\DWG\w081068ss1.dwg, 05-Grad, 7/16/2010 2:19:58 PM, dlabonte, Adobe PDF, ARCH D, 1:1

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CIVIL & CONSULTING ENGINEERS
SURVEYORS
PROJECT MANAGERS
ENVIRONMENTAL CONSULTANTS
LANDSCAPE ARCHITECTS

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◆ COLUMBIA, MD
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◆ CHALFONT, PA
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REVISIONS

REV	DATE	COMMENT	BY
1	06/21/10	REVS PER TOWN COMMENT	EGD
2			
3			
4			
5			
6			
7			
8			
9			

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PERMIT SET

PROJECT No.:	W081068
DRAWN BY:	KBS
CHECKED BY:	JGS/MM
DATE:	5/04/10
SCALE:	AS NOTED
CAD I.D.:	w081068ss1

PROJECT:
SITE PLAN DOCUMENTS
FOR
TD Bank

408 MASSACHUSETTS AVENUE
MIDDLESEX COUNTY
ACTON, MASSACHUSETTS

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SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
5
OF 1

REV. 1 - 06-21-10