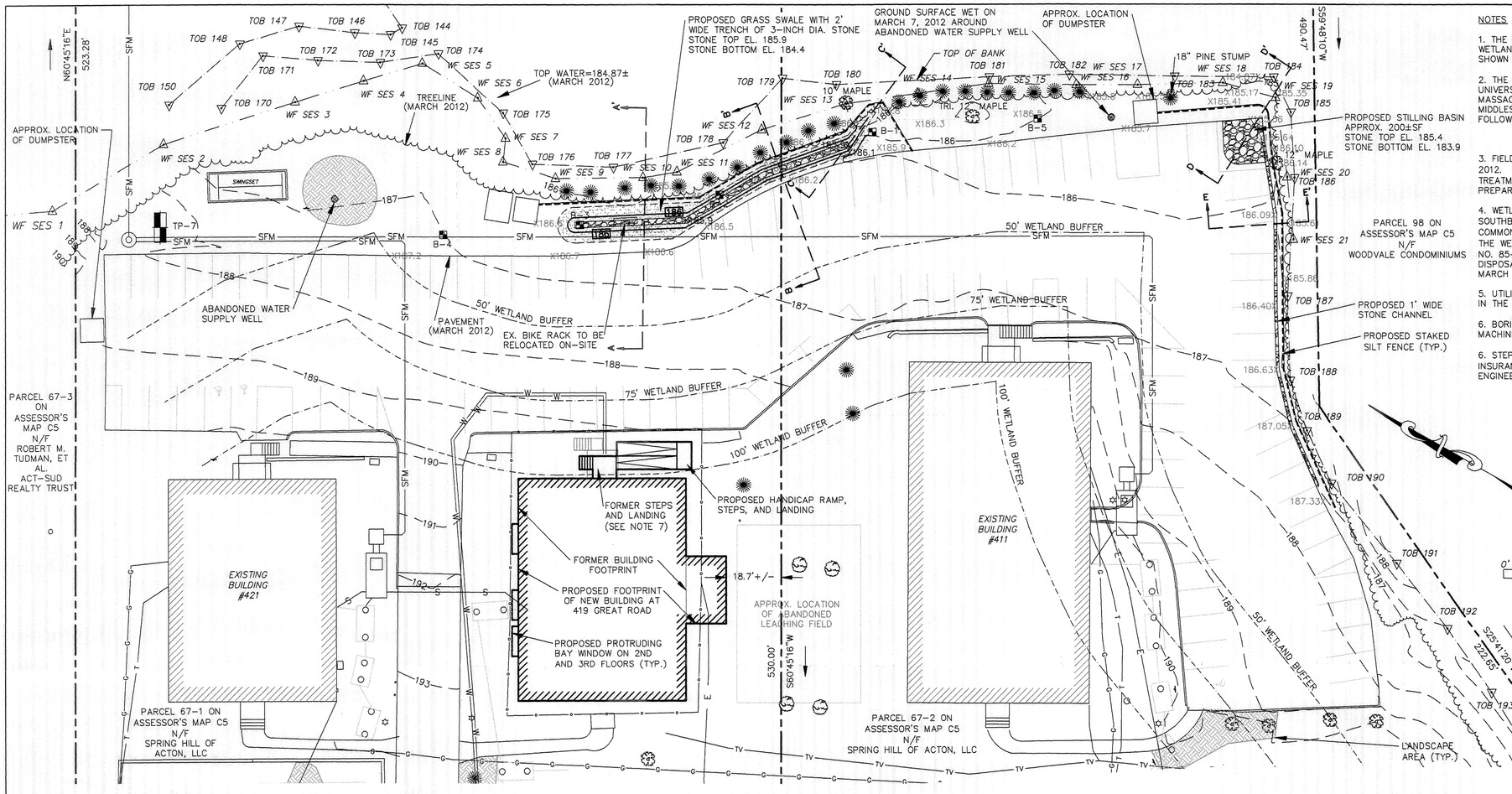


NOTES

1. THE PURPOSE OF THIS PLAN IS TO SUPPORT A NOTICE OF INTENT APPLICATION UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT AND THE TOWN OF ACTON WETLAND PROTECTION BYLAW FOR THE PROPOSED WORK SHOWN ON THIS PLAN.

2. THE PROPOSED WORK IS TO BE COMPLETED ON THE PROPERTIES OWNED BY SPRING HILL AT ACTON, LLC C/O UNIVERSAL MANAGEMENT, LLC. PROPERTIES ARE LOCATED IN THE TOWN OF ACTON, MIDDLESEX COUNTY, MASSACHUSETTS. THE DEED FOR THESE PROPERTIES IS RECORDED IN BOOK 53556 PAGE 445 AT THE SOUTHERN MIDDLESEX DISTRICT REGISTRY OF DEEDS. THE LOTS ARE KNOWN AT THE TOWN OF ACTON ASSESSORS OFFICE AS FOLLOWS:

411 GREAT ROAD – PARCEL 67-2 ON MAP C5
419 GREAT ROAD – PARCEL 67-1 ON MAP C5

3. FIELD SURVEY WAS COMPLETED BY STAMSKI AND MCNARY, INC. OF ACTON, MA IN 2005, 2006, AND MARCH 2012. FOR ADDITIONAL SURVEY INFORMATION, REFER TO SET OF PLANS ENTITLED "PROPOSED WASTEWATER TREATMENT FACILITY, SPRING HILL COMMONS, HARRIS STREET AND GREAT ROAD, ACTON, MASSACHUSETTS" PREPARED BY NORFOLK RAM GROUP, LLC AND DATED MAY 2006.

4. WETLAND RESOURCE AREAS WERE DELINEATED WITH FLAGS BY SANFORD ECOLOGICAL SERVICES, INC. OF SOUTHBOROUGH, MA AND DESCRIBED IN THE REPORT ENTITLED "WETLANDS RESOURCE REPORT, SPRING HILL COMMONS, OFF HARRIS STREET AND GREAT ROAD (RTE. 2A), ACTON, MASSACHUSETTS" DATED APRIL 14, 2006. THE WETLANDS RESOURCE AREAS WERE DELINEATED AS PART OF A PREVIOUS NOTICE OF INTENT FILING (DEP FILE NO. 85-939) SUBMITTED FOR THE CONSTRUCTION OF THE ONSITE WASTEWATER COLLECTION, TREATMENT, AND DISPOSAL FACILITIES. THESE WETLANDS RESOURCE FLAGS WERE LOCATED AND RE-HUNG BY THE SURVEYOR ON MARCH 7, 2012.

5. UTILITIES SHOWN HEREON ARE APPROXIMATE AND COMPILED FROM SURVEYS FROM 2005 AND 2006 MENTIONED IN THE ABOVE NOTE 2.

6. BORINGS HAND-AUGERED ON MARCH 7, 2012 BY NORFOLK RAM GROUP, LLC. TEST PIT 7 (TP-7) MACHINE-EXCAVATED ON NOVEMBER 22, 2005 BY NORFOLK RAM GROUP, LLC.

6. STEPS OF FORMER BUILDING AT 419 GREAT ROAD WERE COMPILED FROM THE PLAN ENTITLED "TITLE INSURANCE PLAN OF LAND IN ACTON, MASS., OWNED BY VILLAGE ARMS TRUST" PREPARED BY ACTON SURVEY & ENGINEERING, INC. OF ACTON, MA AND REVISED JUNE 17, 1983.

COMMONWEALTH OF MASSACHUSETTS
KATY M KONARY
CIVIL
No. 47100
REGISTERED PROFESSIONAL ENGINEER
5/21/2012

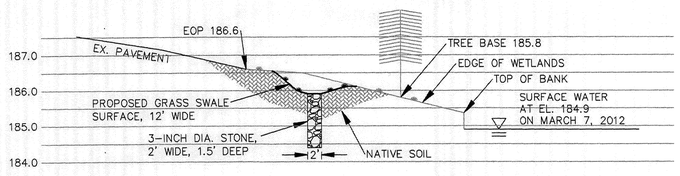
GRAPHIC SCALE
1" = 20'
0' 20' 40' 60'

COMMONWEALTH OF MASSACHUSETTS
WILLIAM F. McNARY
No. 30753
PROFESSIONAL LAND SURVEYOR

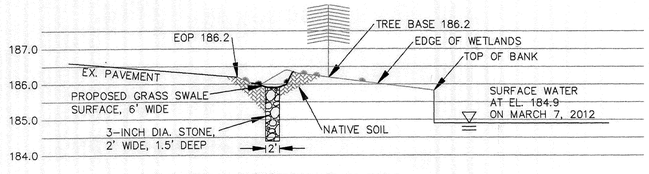
17 MAY 2012
FOR SURVEY ONLY

LEGEND

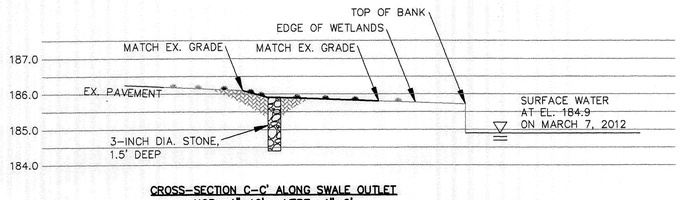
PROPERTY LINE	
LIMIT OF WETLANDS AND FLAGS	WF SES 15
TOP OF BANK AND FLAGS	TOB 186
WETLAND BUFFERS (AS NOTED)	
EXISTING ELEVATION CONTOUR	186
PROPOSED ELEVATION CONTOUR	186
EXISTING SPOT GRADE	X186.5
PROPOSED SPOT GRADE	X186.1
EXISTING WATER LINE	W
EXISTING GAS LINE	G
EXISTING TELEPHONE LINE	T
EXISTING CABLE LINE	TV
EXISTING UNDERGROUND ELEC.	E
EXISTING OVERHEAD ELEC. LINE	OHW
EXISTING GRAVITY SEWER LINE	S
EXISTING SEWER FORCE MAIN	SFM
EXISTING FENCE	
PROPOSED SILT FENCE	



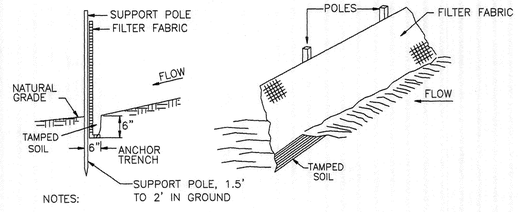
CROSS-SECTION A-A' THROUGH GRASS SWALE
HOR.: 1"=10' VERT.: 1"=2'



CROSS-SECTION B-B' THROUGH GRASS SWALE
HOR.: 1"=10' VERT.: 1"=2'



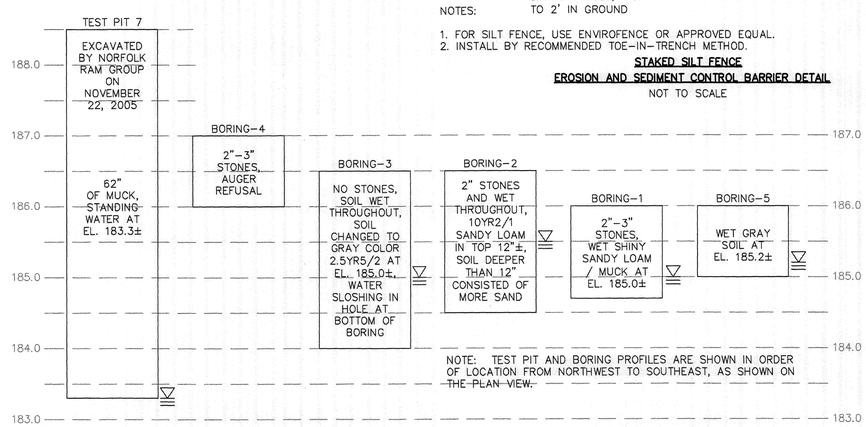
CROSS-SECTION C-C' ALONG SWALE OUTLET
HOR.: 1"=10' VERT.: 1"=2'



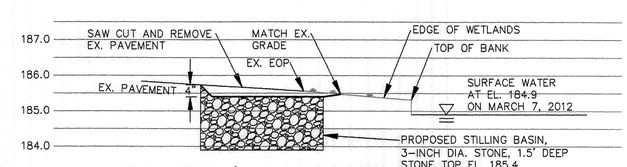
NOTES:

1. FOR SILT FENCE, USE ENVIROFENCE OR APPROVED EQUAL.
2. INSTALL BY RECOMMENDED TOE-IN-TRENCH METHOD.

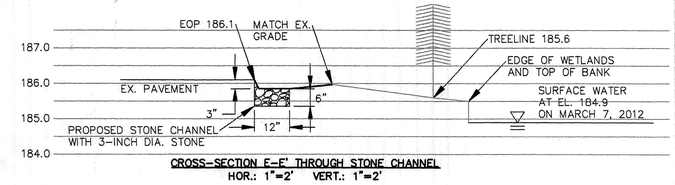
STAKED SILT FENCE
EROSION AND SEDIMENT CONTROL BARRIER DETAIL
NOT TO SCALE



NOTE: TEST PIT AND BORING PROFILES ARE SHOWN IN ORDER OF LOCATION FROM NORTHWEST TO SOUTHEAST, AS SHOWN ON THE PLAN VIEW.



CROSS-SECTION D-D' THROUGH STILLING BASIN
HOR.: 1"=10' VERT.: 1"=2'



CROSS-SECTION E-E' THROUGH STONE CHANNEL
HOR.: 1"=2' VERT.: 1"=2'

REVISIONS

DATE	BY	DESCRIPTION
05/14/2012	K.M.K.	NOTICE OF INTENT FILING

PREPARED FOR: SPRING HILL AT ACTON, LLC
C/O UNIVERSAL MANAGEMENT, LLC
181 WELLS AVENUE, NEWTON, MA 02459

PROPOSED STORMWATER IMPROVEMENTS
411 & 419 GREAT ROAD
ACTON, MASSACHUSETTS

Designed by: K.M.K.
Drawn by: K.M.K
Checked by: K.P.K.
Approved by: K.P.K.
Scale: 1" = 20'
Date: 05/14/2012

NORFOLK·RAM
ENGINEERING SOLUTIONS FOR THE ENVIRONMENT
ONE ROBERTS ROAD, PLYMOUTH, MA 02360
PHONE: (508)747-7900 FAX: (508)747-3758
WWW.NORFOLKRAM.COM

SHEET 1 OF 1
PROJ. 1466.1.1