



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

<u>Corey York, Town Engineer / Director of Public Works</u> Name	<u>CYork@town.acton.ma.us</u> E-Mail Address	
<u>472 Main Street</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>(978) 929-6630</u> Phone Number	<u>(978) 929-6340</u> Fax Number (if applicable)	

2. Representative (if any):

<u>Town of Acton Engineering Department</u> Firm		
<u>Paul Campbell</u> Contact Name	<u>PCampbell@town.acton.ma.us</u> E-Mail Address	
<u>Town of Acton Engineering Department</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>(978) 929-6630</u> Phone Number	<u>(978) 929-6340</u> Fax Number (if applicable)	

B. Determinations

1. I request the Town of Acton make the following determination(s). Check any that apply:
Conservation Commission

- a. whether the area depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the boundaries of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the work depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any municipal wetlands ordinance or bylaw of:

Town of Acton
Name of Municipality

- e. whether the following scope of alternatives is adequate for work in the Riverfront Area as depicted on referenced plan(s).

Central Street Sidewalk - Train to Halfmoon Hill



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

<u>See the Attached Street List</u>	<u>Acton</u>
Street Address	City/Town
<u>n/a</u>	<u>n/a</u>
Assessors Map/Plat Number	Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

Multiple locations (see the attached list and locus plan)

c. Plan and/or Map Reference(s):

<u>Town Atlas showing wetland areas</u>	<u>1/1/2006</u>
Title	Date
<u>Town of Acton Street Map (scale 1"=1200') - Locus Plan</u>	<u>1/1/2006</u>
Title	Date
_____	_____
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

The Town of Acton, through direction given by the Sidewalk Committee, has identified a priority list of streets for construction of new sidewalks for the benefit of the public. The sidewalks will connect missing gaps in between existing sidewalk locations and/or be a repaving of existing sidewalks. Typical sidewalks are 5-feet wide with a 3-foot "green strip" located between the sidewalk and the road. The location of the sidewalk will vary to avoid relocating objects such as utility poles and trees. Some vegetation will be removed, as well as any trees identified on the plans, in order to accomidate the sidewalk location. The top 3 to 6-inches of topsoil will be excavated and replaced with a compact fill as a base for the 3-inches of asphalt for the sidewalk.



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C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

The sidewalks are constructed as a public benefit and will be located within the public right-of-way or within an easement agreed upon with the abutting land owner. Each location will be constructed to comply with the MA Stormwater Regulations to the maximum extent practicable and with the overall Town environmental compliance plan.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Steven L. Ledoux, Town Manager

Name

472 Main Street

Mailing Address

Acton

City/Town

MA

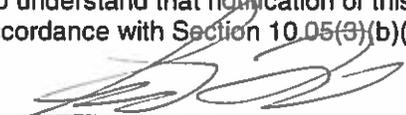
State

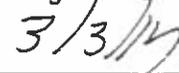
01720

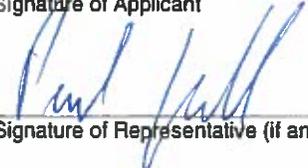
Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

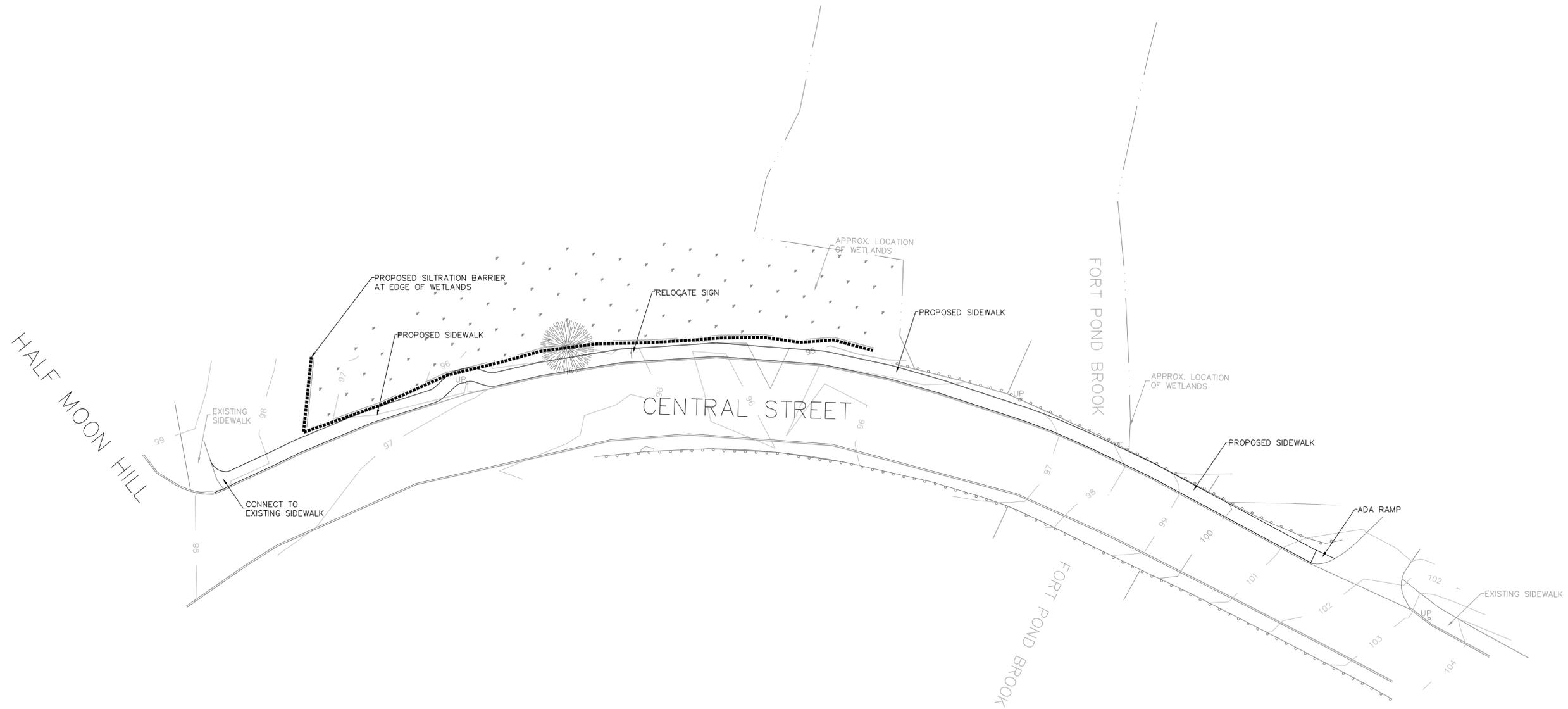

Signature of Applicant


Date


Signature of Representative (if any)

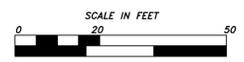
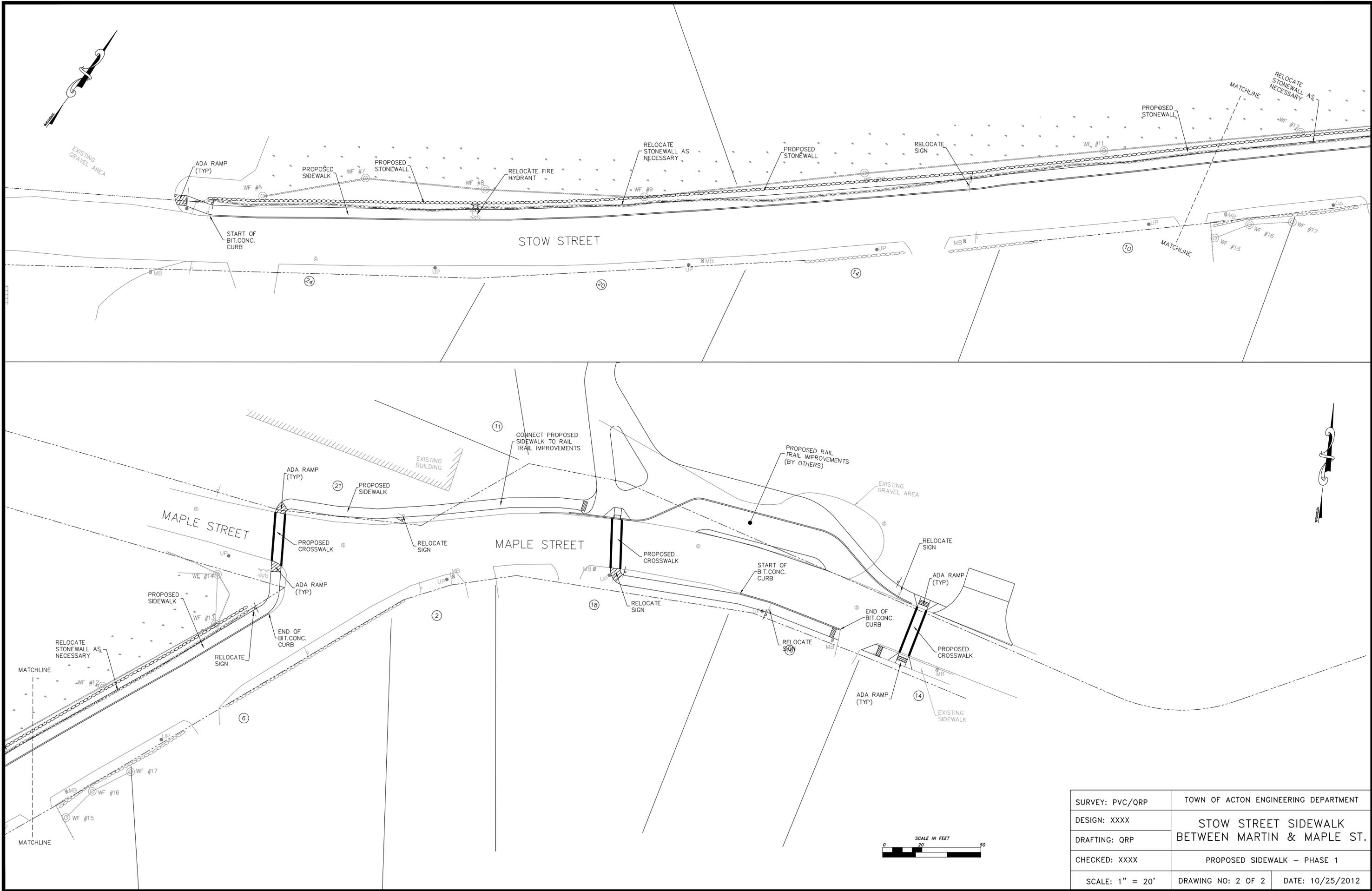

Date

Drawing name: P:\Drawings\Central Street - Sidewalk - Half Moon Hill to Train Tracks\CAD\Proposed Sidewalk.dwg
Mar 05, 2014 - 9:23am

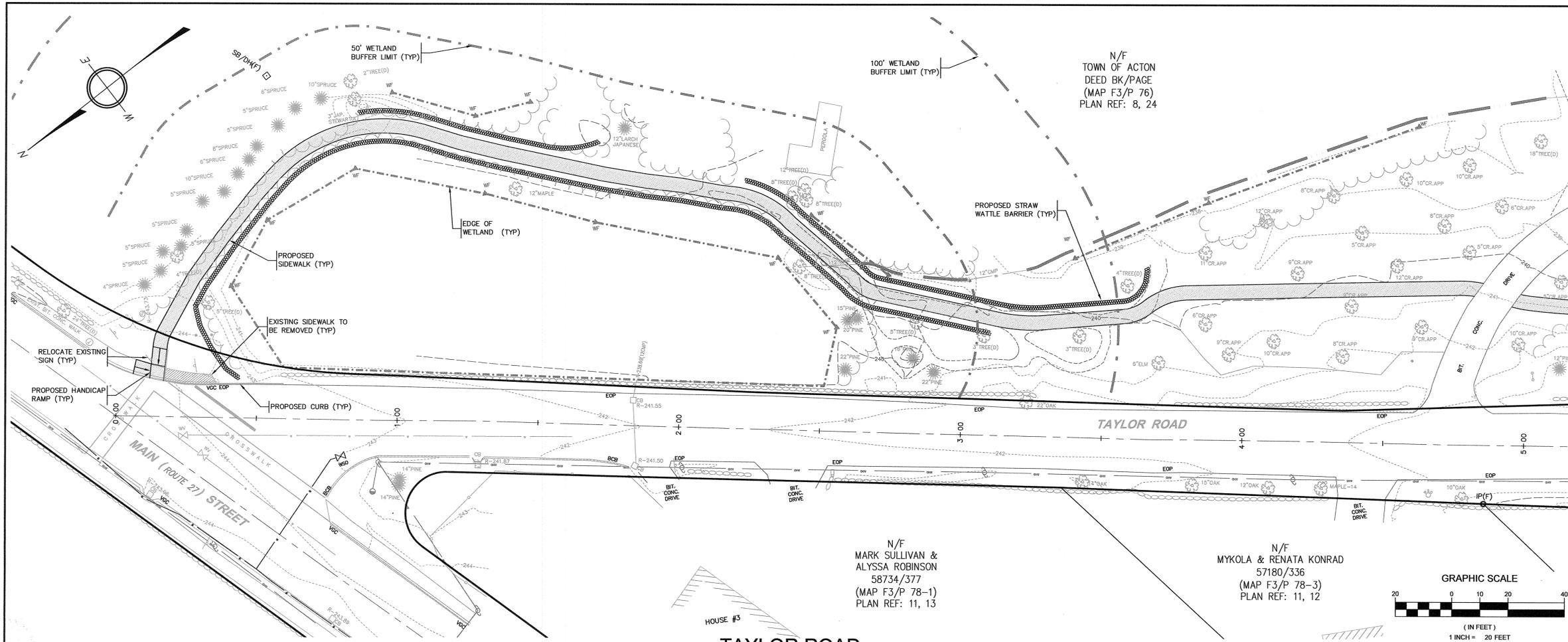


SURVEY: PVC/DS/QRP	TOWN OF ACTON ENGINEERING DEPARTMENT	
DESIGN: PVC	CENTRAL STREET SIDEWALK TRAIN TRACK TO HALFMOON	
DRAFTING: QRP	PROPOSED SIDEWALK	
CHECKED: CY	PROPOSED SIDEWALK	
SCALE: 1" = 20'	DRAWING NO: 1 OF 1	DATE: 1/24/2014

Drawing name: P:\Drawings\STOW STREET\Sidewalk - Martin to Maple\Proposed Sidewalk-option1.dwg
 Feb 21, 2014 11:25am



SURVEY: PVC/GRP	TOWN OF ACTON ENGINEERING DEPARTMENT	
DESIGN: XXXX	STOW STREET SIDEWALK BETWEEN MARTIN & MAPLE ST.	
DRAFTING: QRP	PROPOSED SIDEWALK - PHASE 1	
CHECKED: XXXX	DRAWING NO: 2 OF 2	DATE: 10/25/2012



LEGEND

EXISTING	PROPOSED
100.0	ELEVATION CONTOUR
100.0	SPOT GRADE
---	PROPERTY LINE
---	BUILDING ENVELOPE
---	10-YR FLOODPLAIN LIMIT
---	100-YR FLOODPLAIN LIMIT
---	WETLAND EDGE WITH FLAG NO.
---	25' NO-DISTURBANCE ZONE LIMIT
---	100' WETLAND BUFFER ZONE LIMIT
---	SHORELINE
---	INTERMITTENT STREAM/DITCH
---	200' RIVERFRONT ZONE LIMIT
---	EDGE OF PAVEMENT
---	GRAVEL/DIRT ROAD
---	FENCE
---	STONE WALL
---	WATER MAIN
---	FOUNDATION DRAIN
---	FORCE MAIN
---	GRAVITY SEWER LINE
---	GAS LINE
---	BURIED POWER LINE
---	STORM DRAIN
---	CATCH BASIN
---	DRAIN HOLE
---	HAYBALE BARRIER
---	SILT FENCE BARRIER
---	RETAINING WALL
---	DEEP SOIL OBSERVATION HOLE
---	PERCOLATION TEST
---	SOIL BORING
---	GROUNDWATER MONITORING WELL
---	WELL
---	ELEVATION BENCHMARK
---	SURFACE RUNOFF DIRECTION
---	TRAFFIC FLOW DIRECTION
---	WATER SHUT-OFF VALVE

ABBREVIATIONS

TP	TOP OF PAVEMENT	BF	BOTTOM OF FOOTING
TW	TOP OF WALL	CLF	CHAIN LINK FENCE
FG	FINISH GRADE	CC	CONCRETE CURB
FF	FIRST FLOOR	STCK	STOCKADE FENCE
LL	LOWER LEVEL		

EXISTING CONDITION NOTES:

- EXISTING CONDITIONS SHOWN HEREON ARE THE RESULT OF AN ON-THE-GROUND SURVEY CONDUCTED BY GOLDSMITH, PREST & RINGWALL, INC. THROUGH FEBRUARY 2012.
- WETLAND RESOURCE LIMITS PROVIDED BY THE TOWN OF ACTON CONSERVATION COMMISSION DURING WINTER OF 2011.

DRAWING ISSUED FOR:

CONCEPT CONSTRUCTION

PERMIT CONSTRUCTION RECORD



THIS DRAWING MAY NOT SHOW CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION WORK ITEMS/AREAS OF CONTRACTOR JURISDICTION.

PER 250 CMR 5.03(13), THE FOLLOWING ARE EXCLUDED FROM THE PROFESSIONAL ENGINEER'S RESPONSIBILITY: ALL BOUNDARY INFORMATION; LOCATION OF EXISTING STRUCTURES, TREES, UTILITIES, TOPOGRAPHY OR SIMILAR FEATURES; DESIGN OF RETAINING WALLS HIGHER THAN 4 FEET ABOVE GRADE, PROPRIETARY EQUIPMENT. SEE EXISTING CONDITION NOTES.

NO.	DATE	BY	APP.	REVISION DESCRIPTION

GPR Engineering Solutions for Land & Structures

GOLDSMITH, PREST & RINGWALL, INC.
 39 MAIN STREET, SUITE 301, AYER, MA 01432
 CIVIL ENGINEERING • LAND SURVEYING • LAND PLANNING
 VOICE: 978.772.1590 FAX: 978.772.1591
 www.gpr-inc.com

MUNICIPAL DEVELOPMENT SIDEWALK IMPROVEMENTS

TAYLOR ROAD
 STA. 0+00 TO STA. 5+00

TAYLOR ROAD & MINOT AVE.
 ACTON, MA

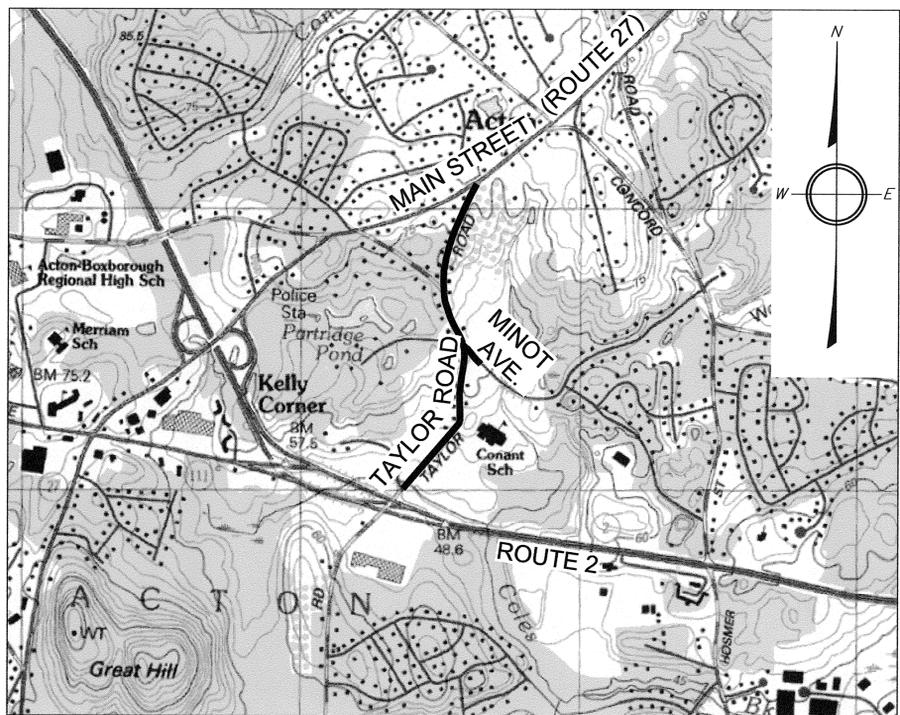
PREPARED FOR:
 TOWN OF ACTON
 ENGINEERING DEPARTMENT
 472 MAIN STREET
 ACTON, MA 01720

PLAN REFERENCES

- PLANS ON FILE AT THE MIDDLESEX SOUTH DISTRICT REGISTRY OF DEEDS:
- PLAN 306 OF 1966 "LAND IN ACTON" BY HORACE F. TUTTLE; MARCH 2, 1948
 - PLAN 673 OF 1956 "LAND IN ACTON" BY HARLAN E. TUTTLE; APRIL 23, 1956
 - PLAN 1118 OF 1956 "LAND IN ACTON" BY HARLAN E. TUTTLE; JUNE 2, 1956
 - PLAN 200 OF 1957 "LAND IN ACTON" BY HARLAN E. TUTTLE; FEB. 25, 1957
 - PLAN 387 OF 1958 "PLOT PLAN OF LAND IN ACTON" BY DANIEL J. COSTELLO; MAR. 29, 1958
 - PLAN 397 OF 1958 "PLAN SHOWING LAND IN ACTON" BY A.C. PETERS; JUL. 18, 1958
 - PLAN 1710 OF 1958 "LAND IN ACTON" BY HARLAN E. TUTTLE; JAN. 15, 1957
 - PLAN 1263 OF 1963 "LAND IN ACTON" BY HARLAN E. TUTTLE; AUG. 31, 1963
 - PLAN 932 OF 1966 "PLAN SHOWING LAND IN ACTON" EVERETT M. BROOKS; MAY 23, 1966
 - PLAN 89 OF 1968 "PLAN SHOWING LAND IN ACTON" R. D. NELSON; DEC. 22, 1967
 - PLAN 168 OF 1971 "PLAN OF LAND IN ACTON" ACTON SURVEY & ENG.; NOV. 18, 1970
 - PLAN 296 OF 1972 "PLAN OF LAND IN ACTON" ACTON SURVEY & ENG.; NOV. 17, 1971
 - PLAN 243 OF 1979 "PLAN OF LAND IN ACTON" TOWN OF ACTON ENG.; DEC. 19, 1978
 - PLAN 1489 OF 1979 "PLAN OF LAND IN ACTON" ACTON SURVEY & ENG.; OCT. 23, 1979
 - PLAN 1119 OF 1980 "LAND IN ACTON" CHARLES PERKINS; SEPT. 1977
 - PLAN 93 OF 1984 "PLAN OF LAND IN ACTON" STAMSKI & MCNARY; OCT. 15, 1993
 - PLAN 436 OF 1996 "PLAN OF LAND IN ACTON" DILLIS & MISCHEL; APRIL 1996
 - PLAN 490 OF 1999 "PLAN OF LAND IN ACTON" TOWN OF ACTON ENG.; JAN. 4, 1999
 - PLAN 1283 OF 2001 "PLAN OF LAND IN ACTON" THE JILLSON CO, INC.; DEC. 5, 2001
 - PLAN 914 OF 2002 "PLAN OF LAND IN ACTON" R. WILSON & ASSOC.; JUL. 22, 2002
 - PLAN 1482 OF 2006 "PLAN OF LAND IN ACTON" STAMSKI & MCNARY; APR. 5, 2005
 - PLAN 1526 OF 2006 "PLAN OF LAND IN ACTON" FORESITE ENGINEERING; OCT. 18, 2006
 - PLAN 535 OF 1977 "PLAN OF LAND IN ACTON" TOWN OF ACTON ENG.;
 - PLAN 1427 OF 1977 "PLAN OF LAND IN ACTON" TOWN OF ACTON ENG.; APR. 11, 1977

- PLANS ON FILE WITH THE TOWN OF ACTON ENGINEERING DEPARTMENT AND/OR THE ACTON BOARD OF HEALTH:
- "SEPTIC PLAN - MILLER 30 TAYLOR RD, ACTON, MA" PREPARED BY SEWER WORKS, 26 HILLSIDE AVE., WESTFORD, MA, DATED 11/14/88, RECEIVED ACTON BOARD OF HEALTH FEB. 5, 1990.
 - "PROPOSED SEPTIC SYSTEM, 68 TAYLOR RD." PREPARED BY ABC CESSPOOL, REVISED THROUGH 9/19/05, APPROVED ACTON BOARD OF HEALTH SEPT. 20, 2005.
 - "AS-BUILT - 69 TAYLOR ST., ACTON" PREPARED BY ABC CESSPOOL CO. INC. DATED 11/03/05, RECEIVED ACTON BOARD OF HEALTH NOV. 8, 2005.
 - "SEWAGE DISPOSAL SYSTEM PLAN - 70 TAYLOR ROAD, ACTON, MASSACHUSETTS" PREPARED FOR KENNETH TURNER BY CIVIL SOLUTIONS, INC. DATED MARCH 9, 2006, APPROVED ACTON BOARD OF HEALTH MARCH 22, 2006.
 - "PLAN OF PROPOSED SEWAGE DISPOSAL SYSTEM - 94 TAYLOR RD, ACTON" PREPARED FOR SB DEVELOPMENT BY LAND DESIGN SERVICES, DATED 8/14/96, RECEIVED ACTON BOARD OF HEALTH SEPT. 10, 1996.
 - SEPTIC AS-BUILT - 94 TAYLOR RD, ACTON, PREPARED FOR S.B. DEVELOPMENT IN. BY G. NICHOLS CONST INC DATED JAN 28, 1997, RECEIVED ACTON BOARD OF HEALTH FEB. 05, 1997.

**TAYLOR ROAD
 STA. 0+00 TO 5+00**



VICINITY MAP
 SCALE: 1" = 1000'

PLOT PLAN
 SCALE: 1" = 150'

EROSION AND SEDIMENT CONTROL REQUIREMENTS

PART 1 - GENERAL

- 1.01 SUMMARY
- FURNISH, INSTALL, AND MAINTAIN TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS, BUT NOT NECESSARILY LIMITED TO, HAY BALE AND SILT FENCE BARRIERS, RIPRAP, DIVERSION CHANNELS AND BERMS, VEHICLE TRACKING PAD, EROSION CONTROL BLANKETS, INLET PROTECTION DEVICES, CHECK DAMS, STRATEGICALLY LOCATED AND PROTECTED STOCKPILES, SEDIMENT BASINS, MULCH, AND SEED MIX (HEREINAFTER "CONTROL MEASURES") ADEQUATE TO PREVENT THE CONVEYANCE OF SEDIMENT LADEN RUNOFF FROM SITE, OR INTO ENVIRONMENTALLY SENSITIVE AREAS, OR INTO AREAS WHERE WORK WILL BE ADVERSELY IMPACTED, ENVIRONMENTALLY SENSITIVE AREAS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, WETLANDS, TRIBUTARIES TO WETLANDS, WETLAND BUFFER ZONES, INTERMITTENT AND PERENNIAL STREAMS / RIVERS, AND THEIR ATTENDANT BUFFER ZONES.
 - REFER TO DRAWINGS FOR LOCATION AND DETAILS OF CONTROL MEASURES REQUIRED TO COMMENCE WORK. THESE CONTROL MEASURES WILL BE ADEQUATE ONLY FOR VEGETATION CLEARING. THE DRAWINGS ARE NOT INTENDED TO GRAPHICALLY DEPICT ALL CONTROL MEASURES THAT WILL BE REQUIRED TO MEET THE REQUIREMENTS OF SECTION 1.01.A ABOVE.
 - DEVISE AND EMPLOY CONTROL MEASURES THROUGHOUT THE DURATION OF PROJECT, OVER ALL AREAS DISTURBED OR UNDISTURBED BY CONSTRUCTION, AS NECESSARY TO MEET THE REQUIREMENTS OF SECTION 1.01.A ABOVE.
 - DEVISE AND EMPLOY TEMPORARY CONTROL MEASURES AS NECESSARY TO MEET THE REQUIREMENTS DESCRIBED IN SECTION 1.01.A ABOVE, WHILE ALLOWING WORK TO PROCEED IN AN EFFICIENT, COST EFFECTIVE MANNER.
 - DEVISE, EMPLOY AND MAINTAIN CONTROL MEASURES UNTIL SUCH TIME AS THE ENTIRE SITE IS PERMANENTLY STABILIZED BY ESTABLISHED VEGETATION, FINISH LANDSCAPE MATERIALS, PAVED SURFACES, AND/OR ROOF AREA.
 - ONCE THE SITE IS PERMANENTLY STABILIZED AND CERTIFIED AS SUCH BY ENGINEER, REMOVE TEMPORARY CONTROL MEASURES WHILE PROTECTING STABILIZED SURFACES.
- 1.02 SUBMITTALS
- SUBMIT PRODUCT DATA, WARRANTY, AND TEST REPORTS FOR PRODUCTS AS INDICATED ON THE DRAWINGS.
- 1.03 QUALITY ASSURANCE
- COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS FROM ACCEPTABLE MANUFACTURERS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - CONFORM TO CONDITIONS OF APPROVAL ISSUED BY REGULATORY AGENCIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, LOCAL PLANNING BOARD, CONSERVATION COMMISSION, BOARD OF SELECTMEN, BOARD OF HEALTH, PUBLIC WORKS / HIGHWAY DEPARTMENT, STATE ENVIRONMENTAL PROTECTION DEPARTMENT, AND U.S. GOVERNMENT, ENVIRONMENTAL PROTECTION AGENCY. WHERE CONDITIONS OF REGULATORY APPROVAL DIFFER FROM REQUIREMENTS CONTAINED HEREIN OR ON THE DRAWINGS, COMPLY WITH THE MORE STRINGENT REQUIREMENT.

PART 2 - PRODUCTS

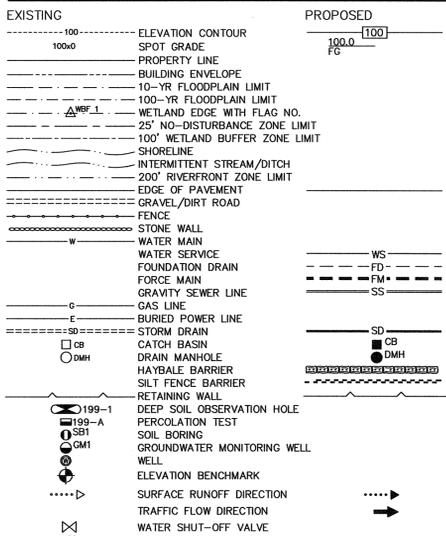
- 2.01 MATERIALS
- STRAW WATTLES: NORTH AMERICAN GREEN MODEL WS925 OR APPROVED EQUAL.
 - HAY/STRAW BALES: WEED AND SEED FREE DRY GRASS OR STRAW, MACHINE BOUND WITH JUTE OR WIRE, APPROXIMATE SIZE EACH BALE 42" X 16" X 16".
 - PRE-FABRICATED SEDIMENT FENCE: WOVEN OR MONOLITHIC GEOTEXTILE: UV-RESISTANT; POLYPROPYLENE OR POLYESTER; MINIMUM GRAB TENSILE OF 124 LBS; WATER PERMITIVITY BETWEEN 0.1 SEC⁻¹ AND 0.15 SEC⁻¹; SLURRY FLOW RATE OF 0.3 GAL/SF/MIN; MINIMUM 1"X1" HARDWOOD STAKES WITH INTEGRAL STAKE LOOPS AND STAPLED; APPROVED MANUFACTURERS: NILEX, PROPEX AND MIRAFI OR APPROVED EQUAL.
 - MULCH: ORGANICS INCLUDING STRAW, PROCESSED PINE / HEMLOCK TWIGS, NEEDLES, AND STUMP GRINDING.
 - SEED MIXES: PERENNIAL RYEGRASS, KENTUCKY BLUEGRASS, AND / OR FINE FESCUE, DISEASE RESISTANT. NON-MAINTAINED AREA OPTION - ANNUAL RYEGRASS COMBINED WITH MEDIUM RED CLOVER. CONFIRM USE WITH ENGINEER.
 - EROSION CONTROL EXCELSIOR BLANKET: CURLED WOOD FIBER ON PHOTODEGRADABLE EXTRUDED PLASTIC MATRIX, 80% OF FIBERS 6-INCHES LONG OR LONGER, WEIGHT 0.975 POUNDS / SY, CONTAINING NO CHEMICAL ADDITIVES. APPROVED MANUFACTURERS: NORTH AMERICAN GREEN, AND PROPEX OR APPROVED EQUAL.
 - ROCK RIPRAP: SOUND, ANGULAR, 6-INCH MINUS PROCESSED ROCK, BLAST ROCK, OR TALINGS.
 - CRUSHED STONE: SOUND, ANGULAR, 2-INCH MINUS PROCESSED CRUSHED STONE.

PART 3 - EXECUTION

- 3.01 THROUGHOUT CONSTRUCTION
- DEVISE WORK SEQUENCE SO AS TO LIMIT DRAINAGE AREA THAT IS TRIBUTARY TO DISTURBED AREAS. DEVISE, EMPLOY, AND MAINTAIN CONTROL MEASURES SUCH AS DIVERSION CHANNELS AND BERMS, STRATEGICALLY LOCATED STOCKPILES, AND SEDIMENT BASINS TO SUBDIVIDE DRAINAGE AREAS INTO SMALL, MANAGEABLE SUBAREAS, THEREBY MINIMIZING RUNOFF AND THE POTENTIAL FOR EROSION.
 - MAINTAIN BARRIER AT LIMIT OF WORK AND PROTECT EXISTING VEGETATION / FACILITIES OUTSIDE OF LIMIT OF WORK.
 - MAINTAIN SPARE MATERIAL STOCKPILES FOR IMMEDIATE EMPLOYMENT / REPAIR / EXPANSION OF CONTROL MEASURES. AT A MINIMUM, SUCH MATERIALS SHALL INCLUDE HAY BALES, SILT FENCE AND STAKES, AND CRUSHED STONE.
 - INSPECT AND MAINTAIN EFFECTIVENESS OF CONTROL MEASURES BY REPAIRING AS NECESSARY TO ENSURE INTENDED FUNCTION; BY SUPPLEMENTING AS NECESSARY FOR ADEQUATE EXTENT; BY REMOVING TRAPPED PRODUCTS OF EROSION AS NECESSARY TO MAINTAIN EFFECTIVE TRAP VOLUME.
 - LIMIT EXTENT OF WORK AREA SO THAT ALL DISTURBED AREAS CAN BE STABILIZED WITH CONTROL MEASURES WITHIN A 24-HOUR PERIOD.
 - INSTALL CONTROL MEASURES AS SOON AS PRACTICABLE AFTER EACH MANAGEABLE PORTION OF EARTHWORK IS COMPLETE. EMPLOY TEMPORARY MEASURES AS NECESSARY TO STABILIZE DISTURBED AREAS, EVEN WHERE SUBSEQUENT CONSTRUCTION OPERATIONS MAY REQUIRE RE-DISTURBANCE.
 - WHEN INTENSE RAINFALL IS EXPECTED, CONSIDER, DEVISE, AND EMPLOY REINFORCING CONTROL MEASURES PRIOR TO THE RAINFALL EVENT TO MEET THE REQUIREMENTS DESCRIBED IN SECTION 1.01.A ABOVE. IF NECESSARY, EMPLOY TEMPORARY CONTROL MEASURES ON MATERIAL STOCKPILES TO COUNTERACT POTENTIAL SEDIMENT TRANSPORT DURING INTENSE RAINFALL.
 - WHEN VEHICLE REFUELING IS REQUIRED ON SITE, CONDUCT REFUELING OPERATIONS OUTSIDE OF ENVIRONMENTALLY SENSITIVE AREAS AND WITHIN AN AREA THAT IS CONTAINED BY A BEST MANAGEMENT PRACTICE. A PORTABLE SPILL KIT SHALL BE KEPT ON SITE AT ALL TIMES.
 - PROPERLY DISPOSE OF DEBRIS, SOLID WASTE, TRASH, AND CONSTRUCTION WASTE / BYPRODUCTS OFF SITE. KEEP TRASH BINS/DUMPSTERS COVERED AT ALL TIMES.
 - SWEEP ON-SITE PAVED AREAS AND OFF-SITE STREETS AS NECESSARY TO PREVENT SILT AND DEBRIS ORIGINATING ON SITE FROM ENTERING CLOSED DRAINAGE SYSTEMS AND / OR ENVIRONMENTALLY SENSITIVE AREAS.

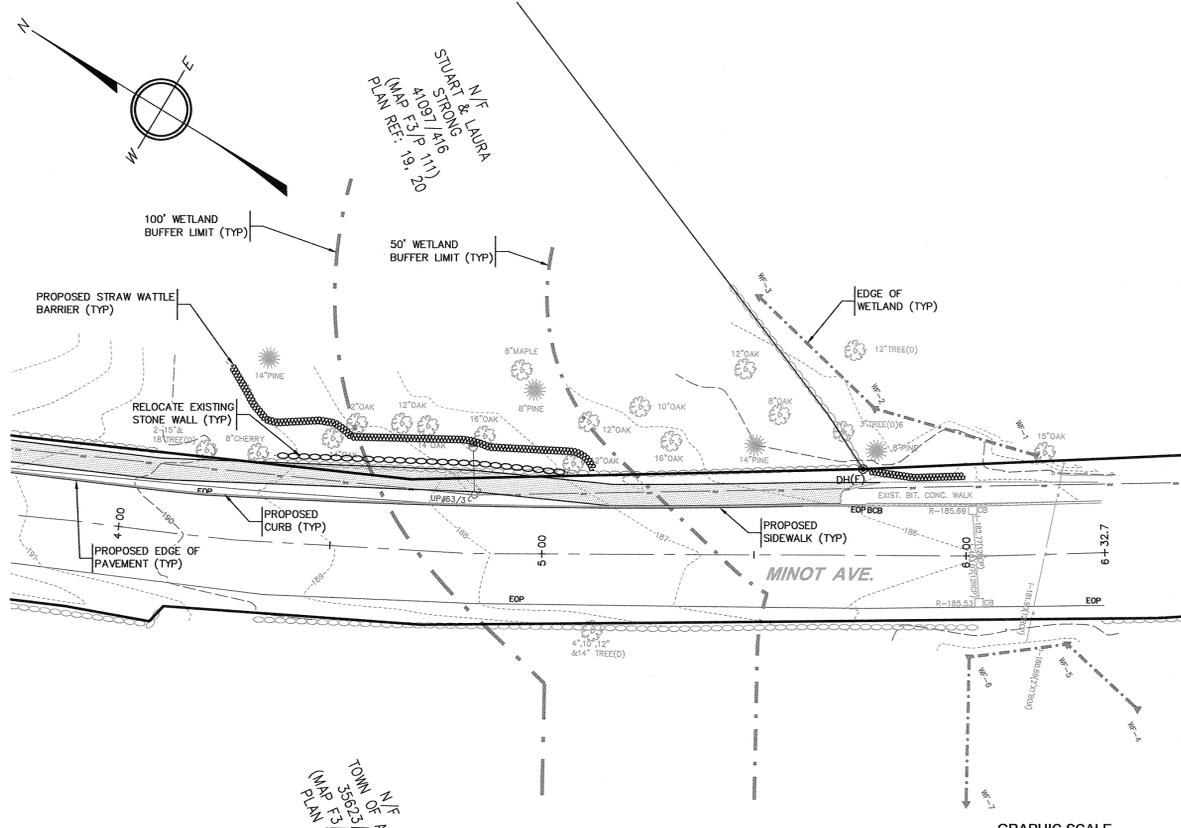
- 3.02 SITE PREPARATION AND ACCESS
- WALK SITE AND IDENTIFY LOCATIONS OF LIMIT OF WORK AND ENVIRONMENTALLY SENSITIVE AREAS. ESTABLISH CONSTRUCTION STAGING AREA, LOCATED BEYOND ENVIRONMENTALLY SENSITIVE AREAS.
 - INSTALL CONTROL MEASURES AS SHOWN ON THE DRAWINGS, INCLUDING THOSE DEFINING THE LIMIT OF WORK.
 - LIMIT VEHICULAR TRAFFIC TO AND FROM SITE TO MINIMIZE TRANSPORT OF SEDIMENTATION.
 - 3.03 CLEARING, GRUBBING, AND STRIPPING
 - SCHEDULE GRUBBING AND STRIPPING TO OCCUR IMMEDIATELY PRIOR TO EARTH DISTURBANCE. DEPENDING ON SITE AREA, CONSIDER MULTIPLE GRUBBING PHASES, SEQUENCED TO TAKE ADVANTAGE OF THE EROSION PREVENTION POTENTIAL OF EXISTING VEGETATIVE COVER.
 - MINIMIZE THE AREA OF EXISTING VEGETATION REMOVED WHEREVER POSSIBLE.
 - LOCATE AND SIZE STOCKPILES TO MINIMIZE EROSION POTENTIAL, TAKING ADVANTAGE OF TERRAIN SLOPE AND ASPECT, WHERE APPROPRIATE.
 - PROTECT VEGETATION, INCLUDING ROOT SYSTEMS, BEYOND LIMIT OF CLEARING.
 - PROCESS TIMBER STUMPS, SLASH, AND BRUSH SO AS TO PROTECT ENVIRONMENTALLY SENSITIVE AREAS AND INSTALLED CONTROL MEASURES. PROPERLY DISPOSE OF EXCESS OFF SITE. BURIAL OF STUMPS ON SITE IS PROHIBITED.
- 3.04 EXCAVATION FOR BUILDING FOUNDATIONS AND UTILITIES
- DEVISE AND INSTALL CONTROL MEASURES ADEQUATE TO HANDLE DISCHARGES AND TRAP SEDIMENT FROM FOOTING SUMP AND WELL POINT PUMPS PRIOR TO EXCAVATION.
 - ARMOR SUMP PUMP DISCHARGE LOCATIONS TO PREVENT EROSION AT POINT OF DISCHARGE AND AREAS DOWNSTREAM.
 - IF FOUNDATION EXCAVATIONS GRADE TO DAYLIGHT ON THE LOW SIDE, DEVISE AND INSTALL CONTROL MEASURES TO HANDLE SURFACE AND GROUNDWATER FLOW FROM EXCAVATION LOW POINT.
 - STOCKPILE EXCAVATED MATERIALS TO BAFFLE OVERLAND RUNOFF, AVOIDING THE CREATION OF LENGTHY PATHS OF CONCENTRATED RUNOFF.
 - BACKFILL UTILITY TRENCHES AS SOON AS PRACTICABLE TO PREVENT FLOODING, SLOUGHING, POTENTIAL OVERFLOW, AND REPETITIVE EARTH DISTURBANCE.
- 3.05 SITE GRADING
- WHERE APPLICABLE, FOLLOW EXCAVATION AND FILL PRACTICES SHOWN ON DRAWINGS TO LOCALIZE AND MINIMIZE SEDIMENT TRANSPORT.
 - MONITOR SEDIMENTATION VOLUME IN TEMPORARY SEDIMENT BASINS AND AT DIVERSION BERMS AND CHECK DAMS. IN ALL AREAS EXCEPT THOSE THAT DO NOT PRESENT POTENTIAL PROBLEMS WITH REGARD TO FUTURE SOIL STABILITY, DRAINAGE, OR BEARING CAPACITY, REMOVE AND PROPERLY DISPOSE OF TRAPPED SEDIMENTATION BEFORE BRINGING SITE TO FINAL SUBGRADE.
 - IF SEDIMENTATION IS DISPOSED ONSITE, IT SHALL BE DEPOSITED IN AREAS WHERE RUNOFF CANNOT RE-TRANSPORT DOWNSTREAM.
- 3.06 STORMWATER MANAGEMENT SYSTEM
- THE STORMWATER MANAGEMENT SYSTEM INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL PERMANENT DETENTION / RETENTION BASINS, DISCHARGE STRUCTURES / WEIRS, CULVERTS, OPEN CHANNELS, CURBS, GUTTERS, PAVED SWALES, CATCH BASINS, DRAIN MANHOLES, DRAINAGE PIPES, ROOF DRAIN MANHOLES, WATER QUALITY SWALES, SEPARATORS, AND SIMILAR STORMWATER RUNOFF CONVEYANCE, TREATMENT, AND STORAGE FACILITIES.
 - INSTALL STORMWATER MANAGEMENT SYSTEM COMPONENTS STARTING AT THE DOWNSTREAM END AND PROCEED UPSTREAM, WHERE POSSIBLE, COMPLETE INSTALLATION OF PERMANENT DETENTION / RETENTION BASINS PRIOR TO BEGINNING WORK ON UPSTREAM SYSTEM COMPONENTS.
 - INSTALL CONTROL MEASURES AT FINISHED UPSTREAM AND DOWNSTREAM PIPE ENDS AS SOON AS POSSIBLE AFTER COMPLETION OF PIPE RUN. SUCH MEASURES INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, RIPRAP, CHECK DAMS, HAY BALE / SILT FENCE BARRIERS, AND VELOCITY DISSIPATORS.
 - AT THE END OF EACH DAY OR WHEN RAINFALL IS EXPECTED, PLUG UPSTREAM END OF PIPES / DAM OPEN CHANNELS OR OTHERWISE REDIRECT POTENTIAL RUNOFF AND PREVENT FLOW FROM ENTERING PARTIALLY COMPLETED SYSTEM / SYSTEM COMPONENTS.
 - WHERE PORTIONS OF A NEW SYSTEM ARE TO BE ACTIVATED PRIOR TO COMPLETION OF THE ENTIRE SYSTEM, EMPLOY CONTROL MEASURES TO PREVENT SEDIMENT LADEN RUNOFF AND DEBRIS FROM ENTERING THE SYSTEM. EMPLOY SILT SACKS OR FABRIC ON CATCH BASIN INLETS, AND PIPE AND CULVERT OPENINGS. EMPLOY CHECK DAMS AND TEMPORARY SEDIMENT BASINS UPSTREAM OF AND ALONG OPEN CHANNELS, SWALES, AND DITCHES TO TRAP SEDIMENT UPGRADIENT OF ENVIRONMENTALLY SENSITIVE AREAS.
 - REMOVE TRAPPED SEDIMENTATION AND DEBRIS FROM ALL SYSTEM COMPONENTS AFTER COMPLETION OF INSTALLATION, AND AGAIN AFTER THE ENTIRE SITE IS PERMANENTLY STABILIZED BY ESTABLISHED VEGETATION, FINISH LANDSCAPE MATERIALS, PAVED SURFACES, AND/OR ROOF AREA. REMOVE TRAPPED SEDIMENTATION AND DEBRIS FROM DETENTION / RETENTION BASIN BOTTOMS SO THAT FINISH BOTTOM MATERIALS / INFILTRATION FUNCTION CONFORM TO DESIGN.
- 3.07 LANDSCAPING
- COMPLETE LANDSCAPING AS SOON AS POSSIBLE AFTER COMPLETION OF FINAL SUBGRADE.
 - IMMEDIATELY AFTER PLACEMENT OF SOIL, STABILIZE CONTROL MEASURES INCLUDING, BUT NOT NECESSARILY LIMITED TO, SEED MIX, MULCH, AND / OR BLANKET.

LEGEND

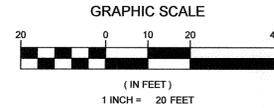


ABBREVIATIONS

TP	TOP OF PAVEMENT	BF	BOTTOM OF FOOTING
TW	TOP OF WALL	CLF	CHAIN LINK FENCE
FG	FINISH GRADE	CC	CONCRETE CURB
FF	FIRST FLOOR	ST	STOCKADE FENCE
LL	LOWER LEVEL		



**MINOT AVENUE
STA. 3+50 TO 6+00**



EXISTING CONDITION NOTES:

- EXISTING CONDITIONS SHOWN HEREON ARE THE RESULT OF AN ON-THE-GROUND SURVEY CONDUCTED BY GOLDSMITH, PREST & RINGWALL, INC. THROUGH FEBRUARY 2012.
- WETLAND RESOURCE LIMITS PROVIDED BY THE TOWN OF ACTON CONSERVATION COMMISSION DURING WINTER OF 2011.

DRAWING ISSUED FOR:

- CONCEPT CONSTRUCTION
 PERMIT CONSTRUCTION RECORD



THIS DRAWING MAY NOT SHOW CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION WORK ITEMS/AREAS OF CONTRACTOR JURISDICTION.

PER 250 CMR 5.03(13), THE FOLLOWING ARE EXCLUDED FROM THE PROFESSIONAL ENGINEER'S RESPONSIBILITY: ALL BOUNDARY INFORMATION; LOCATION OF EXISTING STRUCTURES, TREES, UTILITIES, TOPOGRAPHY OR SIMILAR FEATURES; DESIGN OF RETAINING WALLS HIGHER THAN 4 FEET ABOVE GRADE, PROPRIETARY EQUIPMENT. SEE EXISTING CONDITION NOTES.

NO.	DATE	BY	APP.	REVISION DESCRIPTION

GPR Engineering Solutions for Land & Structures

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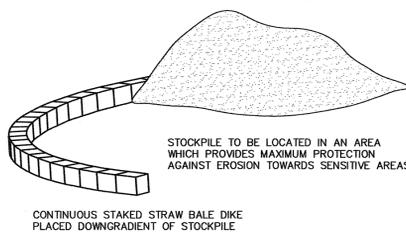
**MUNICIPAL DEVELOPMENT
SIDEWALK IMPROVEMENTS
MINOT AVENUE WORK AREA &
POLLUTION PREVENTION PLAN**

**TAYLOR ROAD & MINOT AVE.
ACTON, MA**

PREPARED FOR:
TOWN OF ACTON
ENGINEERING DEPARTMENT
472 MAIN STREET
ACTON, MA 01720

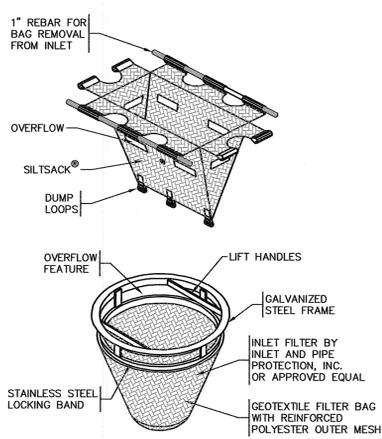
DES. BY: NMP	DATE: MARCH 2014	JOB 121002	2 OF 2
CHK. BY: BDR			

LONG AXIS OF STOCKPILE TO BE PERPENDICULAR TO CONTOUR



TEMPORARY STOCKPILE

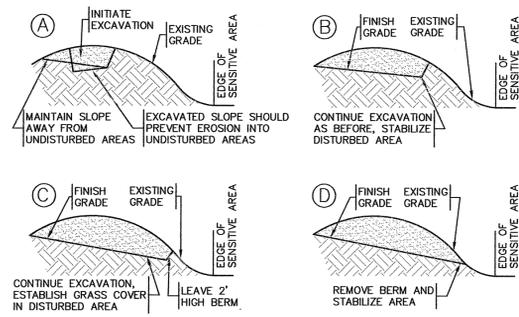
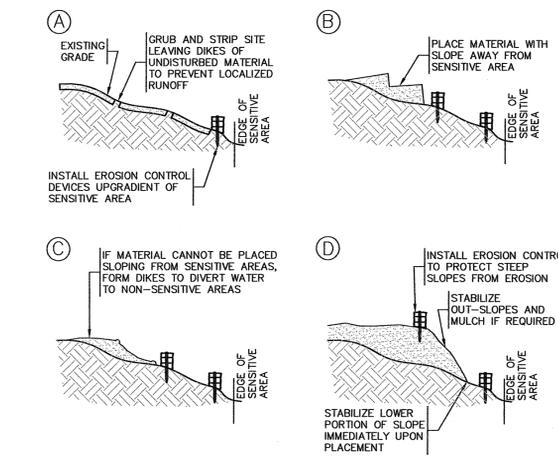
ISOMETRIC VIEW
NOT TO SCALE



- NOTES:**
[1] CLEAN INLET PROTECTION WHEN 30% FULL
[2] BURLAP IS NOT AN ACCEPTABLE GEOTEXTILE

INLET PROTECTION
TYPICAL CROSS SECTION
NOT TO SCALE

FILL PROCEDURE
SLOPE PROFILES
NOT TO SCALE



EXCAVATION PROCEDURE
TYPICAL CROSS SECTION
NOT TO SCALE

STRAW WATTLE BARRIER
NOT TO SCALE

