



April 30, 2019

New Bedford Conservation Commission  
133 William Street #312  
New Bedford, MA 02740

**RE: PROPOSED BARTLETT STREET DRIVEWAY**


Dear Commission members:

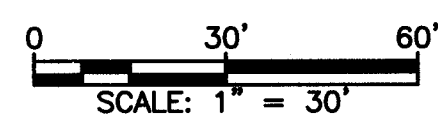
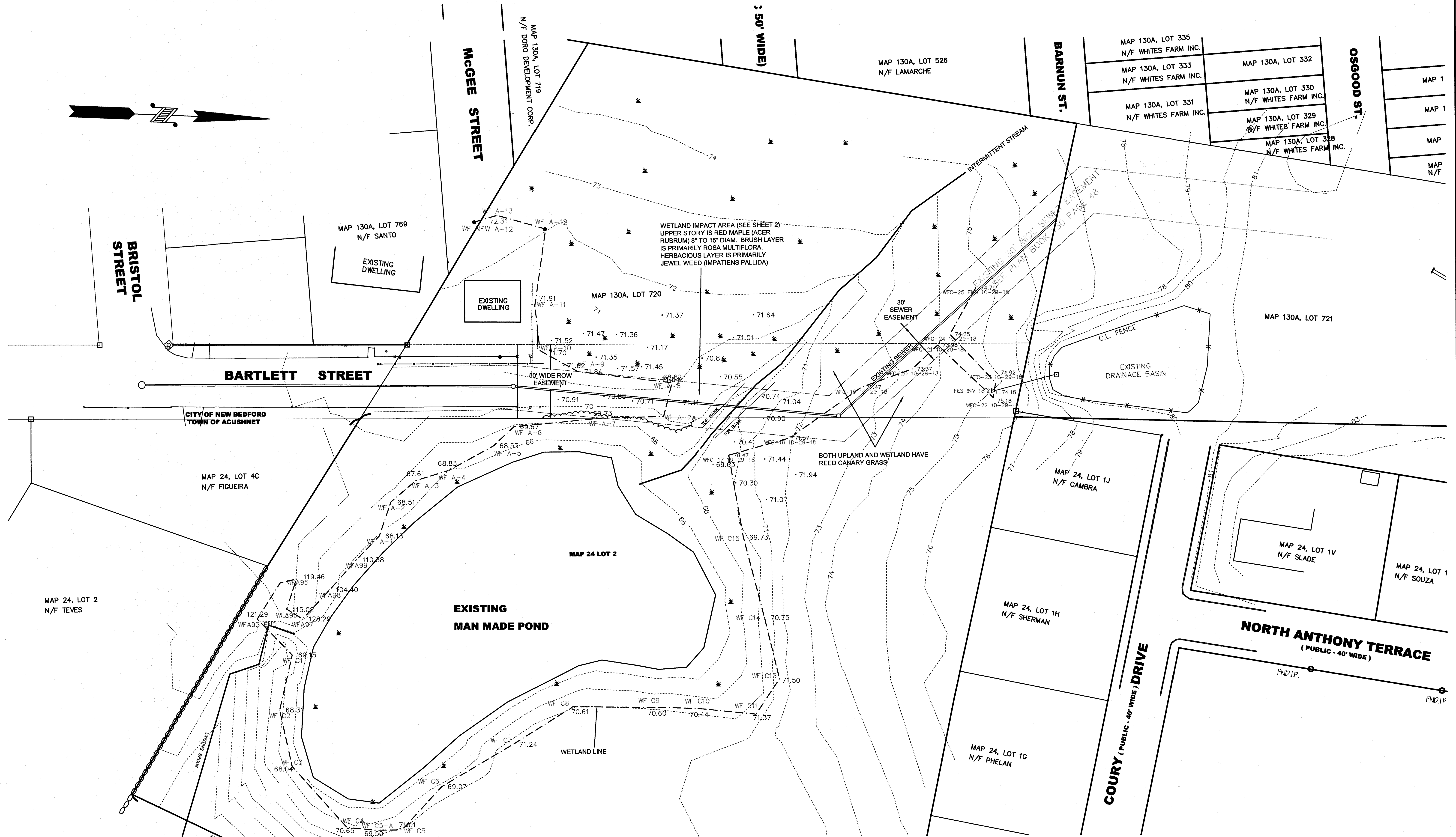
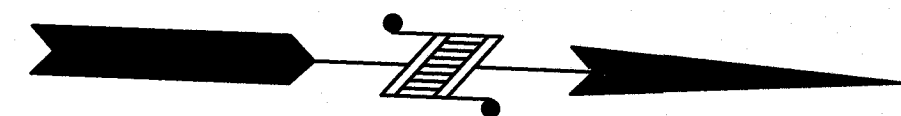
Attached are the revised sets of plans for the driveway that is proposed to extend from the current terminus of Bartlett Street. The proponent has committed to constructing no more than two living units, therefore, the project is exempt from the DEP stormwater standards. The living unit will have a drinking water well, therefore, no municipal water will be extended from Bartlett Street. Electric, cable and telephone service will be overhead, therefore, no utilities are proposed under the proposed 14-foot wide driveway. With regards to Mark Manganello's comment that Tori Lynn Drive could have provided the access to the subject site, please note that the New Bedford Planning Board has a strict regulation that prohibits extending a cul-de-sac over 400 feet, and Tori Lynn Drive is already 400 feet long. On another project, we submitted a cul-de-sac with a 401-foot length and it was rejected. Clearly, access from Tori Lynn Drive would require crossing wetlands, and would be rejected for its length. The plans, as currently drawn, avoid wetland impact where possible, minimize the impact to the maximum extent practical and fully replicate the impact.

The comments from Nitsch were based on the incorrect notion that the proposed drive would access a four-lot subdivision, and as such, involved the DEP stormwater standards. Now that it is clearly a 14-foot driveway serving a maximum of two living units, none of the comments apply. Indeed, we no longer see any reason for a peer review since there is minimal wetland impact, the intermittent stream will be fully spanned and the DEP stormwater standards do not apply. The Commission has approved many driveways without peer review.

Sincerely,

**PRIME ENGINEERING, INC.**

  
Richard J. Rheume, P.E., LSP  
Chief Engineer

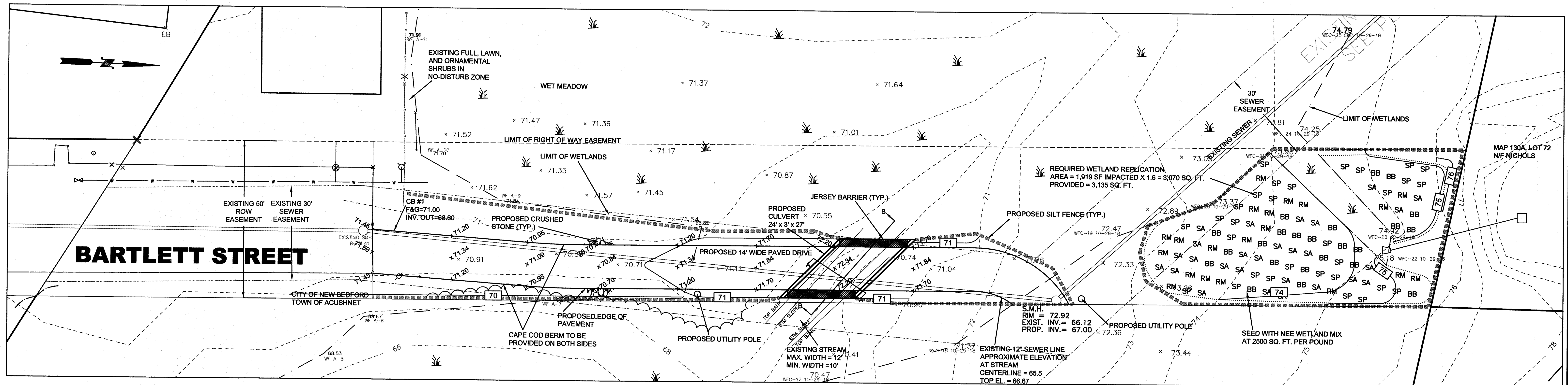


DRAWING TITLE <b>EXISTING CONDITIONS</b>				SCALE: 1"=30'	
PROJECT <b>BARTLETT STREET DRIVE EXTENSION NEW BEDFORD, MASSACHUSETTS</b>				DATE: 9/8/2018	
CLIENT <b>NORMAN NICHOLS</b>				DRAWN BY: SWL	
<div><div>CIVIL ENGINEERING</div><div>LAND SURVEYING</div><div>ENVIRONMENTAL ASSESSMENT</div></div> <div></div> <div>P.O. BOX 1088 350 BEDFORD ST. LAKEVILLE, MA 02347 TEL: 508.947.0050 FAX: 508.947.2004</div>				DESIGNED BY: RJR	
				CHECKED BY: RJR	
				APPROVED BY: RJR	
1	11/2/2018	ADDITIONAL TOPO/WETLAND DELINEATION	SWL	RJR	SHEET NO. <b>1 OF 3</b>
REV.	DATE	DESCRIPTION	BY	APP.	PROJECT NO. —





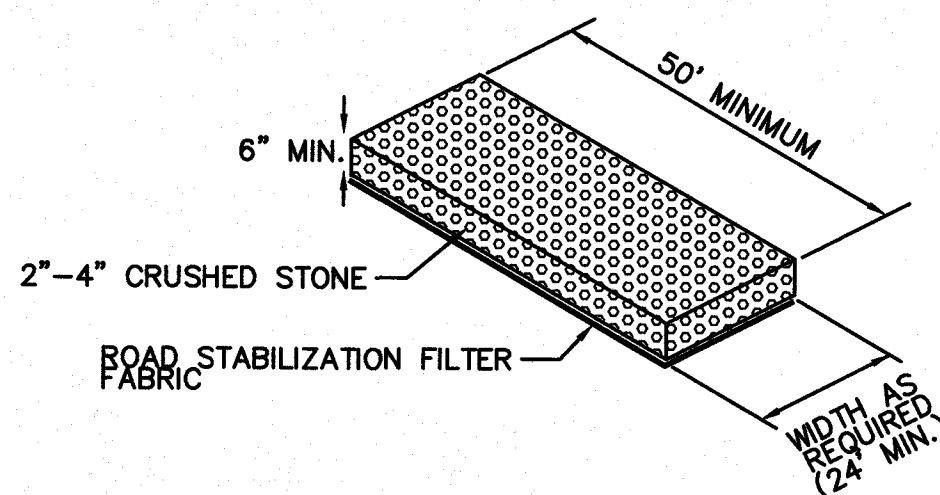




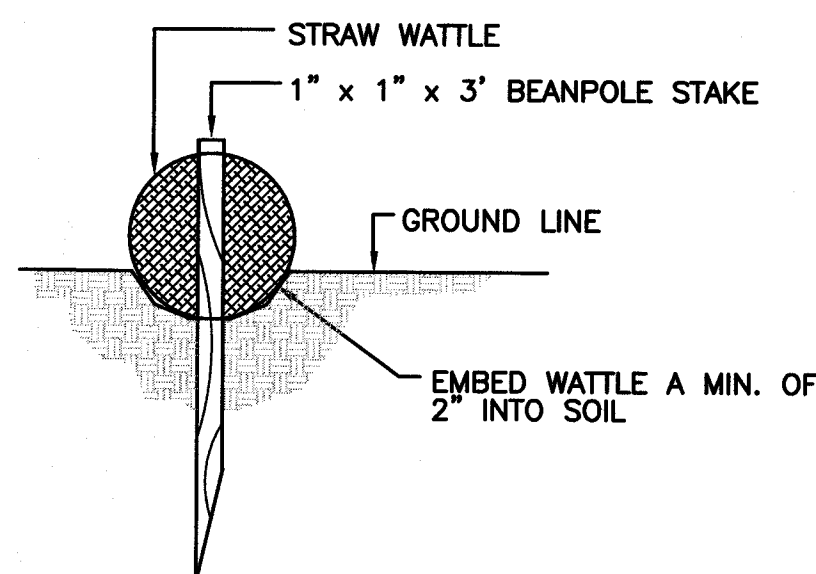
PLAN VIEW  
1" = 15'

LEGEND

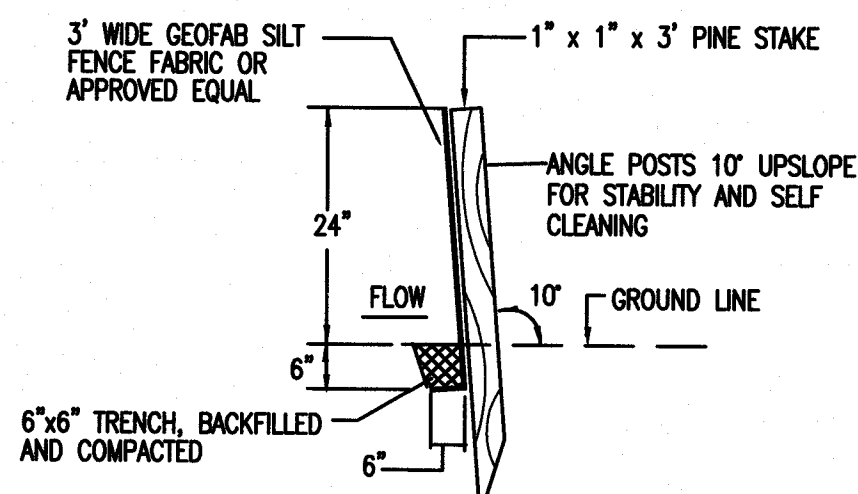
WETLAND SYMBOL	
GUY WIRE	
HYDRANT	
WATER GATE	
TELEPHONE POLE	
EXIST. WATER	— W —
EXIST. GRADE	— — — —
WETLAND LINE	— — — —
STREAM CENTERLINE	— — — —
EXISTING FENCE	— X —
EXISTING TREELINE	— — — —
PROP. ELECTRIC	— E —
PROP. GAS	— GAS —
PROP. WATER	— W —



CONSTRUCTION ENTRANCE  
NOT TO SCALE



STRAW WATTLE DETAIL  
NOT TO SCALE



SILT FENCE DETAIL

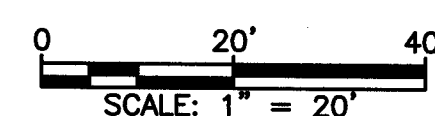
EROSION & SEDIMENT CONTROL NOTES:

THE FOLLOWING IS THE MINIMUM REQUIREMENTS THE CONTRACTOR SHALL FOLLOW TO PREVENT IMPACTS CAUSED BY EROSION AND SEDIMENTATION DURING CONSTRUCTION. THE CONTRACTOR MAY, AT HIS DISCRETION, IMPLEMENT ADDITIONAL MEASURES IF NECESSARY.

1. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO STUMP REMOVAL AND CONSTRUCTION. STABILIZATION OF ALL GRADED AND SOIL STOCKPILE AREAS WILL BE INITIATED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL MUNICIPAL REGULATIONS. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION. A STAKED HAYBALE DAM SHALL BE INSTALLED DOWN GRADIENT OF ALL DRAINAGE OUTFALLS.
3. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE OWNER OR AGENTS OF THE OWNER.
4. CATCH BASINS WILL BE PROTECTED WITH HAYBALE FILTERS THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED. FILTER FABRIC SHOULD BE INSTALLED UNDER GRATE OPENING UNTIL PAVEMENT IS IN PLACE AND GROUND SURFACE IS STABILIZED.
5. SEEDING MIXTURE FOR FINISHED GRASSSED AREAS WILL BE AS FOLLOWS:  
KENTUCKY BLUE GRASS 45%  
CREEPING RED FESCUE 45%  
PERENNIAL RYEGRASS 10%  
SEED TO BE APPLIED AT A RATE OF 4 LBS./1,000 SQ. FT.  
FERTILIZER SHALL BE APPLIED AT A RATE OF 2 LBS./1,000 SQ. FT.  
PLANTING SEASONS SHALL BE APRIL 1 TO JUNE 1 AND AUGUST 1 TO OCTOBER 1. AFTER OCTOBER 1, AREAS WILL BE STABILIZED WITH HAYBALE CHECK, FILTER FABRIC, OR WOODCHIP MULCH, AS REQUIRED, TO CONTROL EROSION.
6. AREAS TO BE LEFT BARE BEFORE FINISHED GRADING AND SEEDING IS ACHIEVED, SHALL RECEIVE A TEMPORARY SEEDING OF PERENNIAL RYEGRASS APPLIED TO A RATE OF 2 LBS./1,000 SQ. FT. AT A DEPTH OF 1/2 INCH. LIMESTONE (EQUIVALENT TO BE 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) SHALL BE APPLIED AS SEEDBED PREPARATION AT A RATE OF 90 LBS./1,000 SQ. FT. PLANTING SEASONS SHALL BE APRIL 1 TO JUNE 1 AND AUGUST 1 TO OCTOBER 1. WHERE GRASS PREDOMINATES, FERTILIZE ACCORDING TO A SOIL TEST AT A MINIMUM APPLICATION RATE OF 1 LB. OF NITROGEN PER 1,000 SQ. FT. AREAS TO BE LEFT BARE BEFORE FINISH GRADING AND SEEDING OUTSIDE OF PLANTING SEASONS SHALL RECEIVE AN AIR-DRIED WOOD CHIP MULCH, FREE OF COARSE MATTER, TREATED WITH 1-2 LBS. NITROGEN PER TON, APPLIED AT A RATE OF 185-275 LBS./1,000 SQ. FT.
7. AT ALL PROPOSED FILL AREAS WHICH ARE NOT CURRENTLY SHOWN ON THESE PLANS, THE CONTRACTOR SHALL ESTABLISH AN EROSION CONTROL LINE (HAYBALE CHECK OR FILTER FABRIC) ABOUT TEN (10') FEET FROM TOE TO SLOPE OF PROPOSED FILL AREAS PRIOR TO BEGINNING FILL INSTALLATION. STABILIZATION OF SLOPES IN FILL AREAS (USING MULCH OR GRASS) SHALL BE INITIATED WITHIN THIRTY (30) DAYS OF COMMENCEMENT OF FILL INSTALLATION.

EROSION & SEDIMENT CONTROL NOTES (CONT):

8. STABILIZATION OF SLOPES IN CUT AREAS (USING MULCH OR GRASS) AND THE INSTALLATION OF CONTROL LINE (HAYBALE CHECK OR FILTER FABRIC) AT THE TOE OF SLOPE SHALL BE INITIATED WITHIN THIRTY (30) FEET.
9. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN. ALL HAYBALES OR SILT FENCE RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT REMOVED AND ALL DAMAGED EROSION CONTROLS SHALL BE REPAIRED OR REPLACED.
10. CONTRACTOR WILL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY. THE OWNER SHALL BE RESPONSIBLE FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
11. THE CONTRACTOR SHALL SECURE THE SERVICES OF A PROFESSIONAL ENGINEER, WHO SHALL VERIFY IN THE FIELD THAT THE CONTROLS REQUIRED BY THIS PLAN ARE PROPERLY INSTALLED, SHALL MAKE INSPECTION OF SUCH FACILITIES NOT LESS FREQUENTLY THAN EVERY 14 DAYS OR AFTER A RAINFALL IN EXCESS OF 1/4 INCH, WHICHEVER OCCURS FIRST.
12. STOCKPILES OF SOIL SHALL BE SURROUNDED BY A SEDIMENT BARRIER. SOIL STOCKPILES TO BE LEFT BARE FOR MORE THAN THIRTY (30) DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH. IF SOIL STOCKPILES ARE TO REMAIN FOR MORE THAN SIXTY (60) DAYS, FILTER FABRIC SHALL BE USED IN PLACE OF HAYBALES. SIDE SLOPES SHALL NOT EXCEED 2:1.
13. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL SHALL INCLUDE, BUT IS NOT LIMITED TO SPRINKLING OF WATER ON EXPOSED SOILS AND HAUL ROADS AS NEEDED. CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC.
14. IF FINAL GRADING IS TO BE DELAYED FOR MORE THAN THIRTY (30) DAYS AFTER LAND DISTURBANCES CEASE, TEMPORARY VEGETATION OR MULCH SHALL BE USED TO STABILIZE SOILS.
15. HAYBALES SHALL BE USED ONLY AS A TEMPORARY MEASURE. WHERE CONTROL MEASURES WILL BE REQUIRED FOR LONGER THAN SIXTY (60) DAYS, FILTER FABRIC SHALL BE USED.
16. WHERE DEWATERING IS NECESSARY, THERE SHALL NOT BE A DISCHARGE DIRECTLY INTO WETLANDS OR WATERCOURSES. PROPER METHODS AND DEVICES SHALL BE UTILIZED TO THE EXTENT PERMITTED BY LAW. SUCH AS PUMPING WATER INTO A TEMPORARY SEDIMENTATION BOWL, PROVIDING SURGE PROTECTION AT THE INLET AND THE OUTLET OF PUMPS, OR FLOATING THE INTAKE OF THE PUMP, OR OTHER METHODS TO MINIMIZE AND RETAIN THE SUSPENDED SOLIDS. IF A PUMPING OPERATION IS CAUSING TURBIDITY PROBLEMS, SAID OPERATION SHALL CEASE UNTIL SUCH TIME AS FEASIBLE MEANS OF CONTROLLING TURBIDITY ARE DETERMINED AND IMPLEMENTED. SAID DISCHARGE POINTS SHALL BE LOCATED OVER 100 FEET FROM THE DELINEATED WETLANDS AS INDICATED ON THIS PLAN.
17. THE CONTRACTOR SHALL OBTAIN AN NPDES PERMIT PRIOR TO THE START OF CONSTRUCTION.



DRAWING TITLE <b>DETAILS AND EROSION CONTROL PLAN</b>				SCALE: SEE DETAIL																					
PROJECT <b>BARTLETT STREET DRIVE EXTENSION NEW BEDFORD, MASSACHUSETTS</b>				DATE: 9/12/2018																					
CLIENT <b>NORM NICHOLS</b>				DRAWN BY: SWL																					
				DESIGNED BY: RJR																					
				CHECKED BY: RJR																					
				APPROVED BY: RJR																					
<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>APP.</th> </tr> <tr> <td>3</td> <td>4/29/19</td> <td>GENERAL REVISIONS</td> <td>SWL</td> <td>RJR</td> </tr> <tr> <td>2</td> <td>11/2/18</td> <td>ADDITIONAL TOPO/WETLAND DELINEATION</td> <td>SWL</td> <td>RJR</td> </tr> <tr> <td>1</td> <td>9/21/18</td> <td>GENERAL REVISIONS</td> <td>SWL</td> <td>RJR</td> </tr> </table>				REV.	DATE	DESCRIPTION	BY	APP.	3	4/29/19	GENERAL REVISIONS	SWL	RJR	2	11/2/18	ADDITIONAL TOPO/WETLAND DELINEATION	SWL	RJR	1	9/21/18	GENERAL REVISIONS	SWL	RJR	<p>CIVIL ENGINEERING LAND SURVEYING ENVIRONMENTAL ASSESSMENT</p> <p><b>PRIME ENGINEERING</b></p> <p>P.O. BOX 1088 350 BEDFORD ST. LAKEVILLE, MA 02347 TEL: 508.947.0050 FAX: 508.947.2004</p>	
REV.	DATE	DESCRIPTION	BY	APP.																					
3	4/29/19	GENERAL REVISIONS	SWL	RJR																					
2	11/2/18	ADDITIONAL TOPO/WETLAND DELINEATION	SWL	RJR																					
1	9/21/18	GENERAL REVISIONS	SWL	RJR																					
				SHEET NO. 3 OF 3																					
				PROJECT NO. —																					