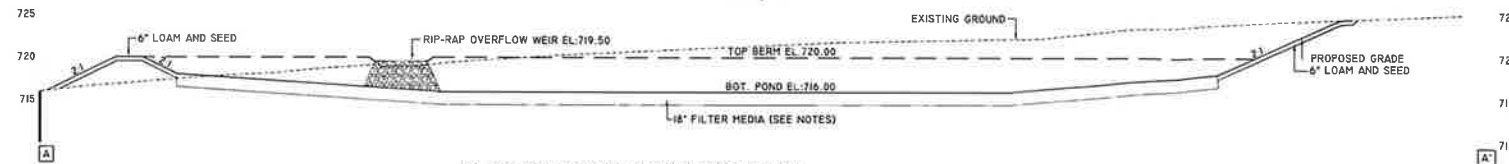


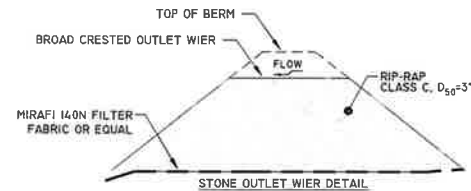
FILTRATION TREATMENT BASIN PLAN VIEW

SCALE: HOR. 1"=10'
VERT. 1"=10'



FILTRATION TREATMENT BASIN PROFILE VIEW

SCALE: HOR. 1"=10'
VERT. 1"=10'



STONE OUTLET WEIR DETAIL

RIP-RAP OUTLET WEIR

1. THE SUBGRADE FOR THE GEOTEXTILE FABRIC AND RIP-RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE ROCK USED FOR RIP-RAP SHALL BE CLASS C, D50 = 3\"/>

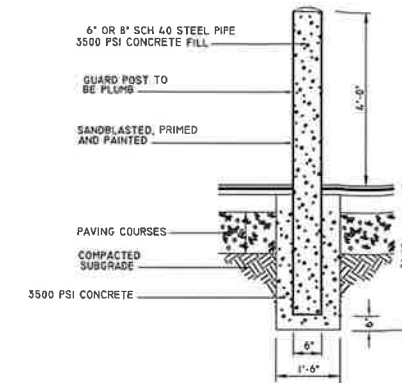
FILTRATION BASIN NOTES

1. FILTER MEDIA SHALL BE A MINIMUM OF 18\"/>
2. FILTER MEDIA SHALL CONSIST OF ONE OF THE FOLLOWING MIXTURES VOLUME:
 - A) 50% TO 55% BY VOLUME SAND THAT IS CERTIFIED BY ITS PRODUCER AS MEETING THE REQUIREMENTS FOR ASTM C-33 CONCRETE SAND, 20% TO 30% BY VOLUME OF LOAMY SAND TOPSOIL WITH 15% TO 25% FINES PASSING THE NUMBER 200 SIEVE, AND 20% TO 30% BY VOLUME MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH WITH LESS THAN 5% PASSING THE NUMBER 200 SIEVE.
 - B) 20% TO 30% BY VOLUME OF MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH THAT HAS NO MORE THAN 5% FINES PASSING THE NUMBER 200 SIEVE, WITH 80% TO 80% BY VOLUME LOAMY COARSE SAND USED IN THE MIXTURE MEETING THE FOLLOWING SIEVE ANALYSIS SPECIFICATION:
 1. FROM 85 TO 100 PERCENT BY WEIGHT SHALL PASS THE NUMBER 10 SIEVE.
 2. FROM 70 TO 100 PERCENT BY WEIGHT SHALL PASS THE NUMBER 20 SIEVE.
 3. FROM 15 TO 40 PERCENT BY WEIGHT SHALL PASS THE NUMBER 60 SIEVE, AND
 4. FROM 8 TO 15 PERCENT BY WEIGHT SHALL PASS THE NUMBER 200 SIEVE.
3. FILTER MATERIAL AND SIDE SLOPES SHALL BE SEEDED WITH A RYE GRASS MIXTURE CONTAINING PERENNIAL AND WINTER RYES, AT A RATE SPECIFIED BY THE MANUFACTURER. STABILIZE THE SLOPES WITH STRAW TO A DEPTH OF 1\"/>

INSPECTION AND MAINTENANCE

OWNER TO BE RESPONSIBLE FOR THE FOLLOWING AFTER CONSTRUCTION:

1. REMOVAL OF ACCUMULATED SEDIMENT.
2. PERIODIC INSPECTION AND REPAIR OF OUTLET FLOWS.
3. PERIODIC MOWING AND REMOVAL OF WOODY VEGETATION.

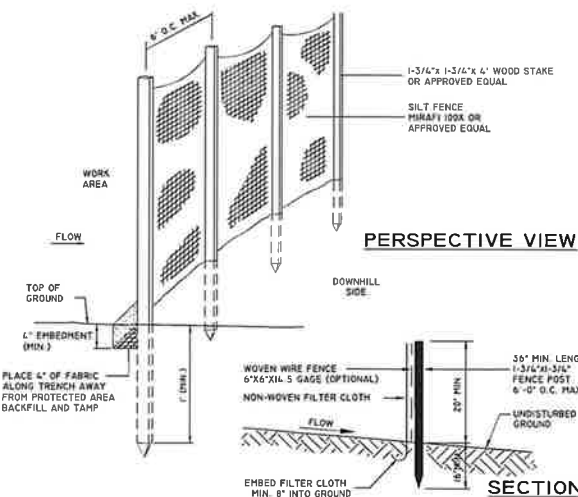


GUARD POST (BOLLARD)

NOT TO SCALE

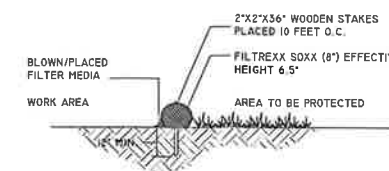
NOTE

1. BOLLARD TO BE INSTALLED TO PROTECT MECHANICAL SYSTEMS AND PROPANE STORAGE TANKS FROM IMPACT BY TRAFFIC IN PARKING LOT.
2. OTHER BARRIERS MAY BE SUBSTITUTED FOR BOLLARDS GIVEN THAT THE SUBSTITUTION PROVIDES AN EQUAL OR GREATER PROTECTION.
3. BARRIERS TO BE MAINTAINED AS REQUIRED.

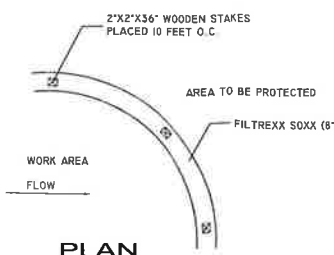


SILT FENCE DETAIL

NOT TO SCALE



SECTION



PLAN

'FILTREXX' SEDIMENT CONTROL DETAIL ("SOXX")

NOT TO SCALE

NOTE

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS
2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON-SITE, AS DETERMINED BY THE ENGINEER
4. MAXIMUM SLOPE LENGTH ABOVE THE FILTREXX SOXX IS 200 FEET FOR A 10% SLOPE, 140 FEET FOR A 15% SLOPE, 100 FEET FOR A 20% SLOPE, 80 FEET FOR A 25% SLOPE.
5. CONTRACTOR IS TO BE FILTREXX CERTIFIED AS DETERMINED BY MANUFACTURER.
6. STAKES SHALL BE INSTALLED THROUGHOUT THE MIDDLE OF THE SOXX ON 10 FOOT CENTERS.
7. SEDIMENT CONTROL SHOULD BE PLACED NEAR PARALLEL TO THE BASE OF THE SLOPE AS SHOWN ON THE PLANS.
8. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE SOXX, FILLING THE SEAM BETWEEN THE SOIL AND THE DEVICE.
9. IF THE 'FILTREXX SOXX' IS TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.

MAINTENANCE

1. SILT FENCES ARE TO BE INSPECTED IMMEDIATELY AFTER EVERY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



DETAIL SHEET

TAX MAP 128 BLOCK 252 LOT 3.1
604 ENDICOTT STREET NORTH LACONIA, N.H.

PREPARED FOR:
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46 LUCERNE AVE
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BK 3473 PG 195

PREPARED BY:
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GRAPHIC SCALE
20 10 0 20
SCALE: 1" = 20'

DATE:
MARCH 20, 2023

JOB NO: 5028-02
SHT 3 OF 3

REV.	DATE	DESCRIPTION	BY
1	6/14/23	REVISE PER TRC COMMENTS	RLB