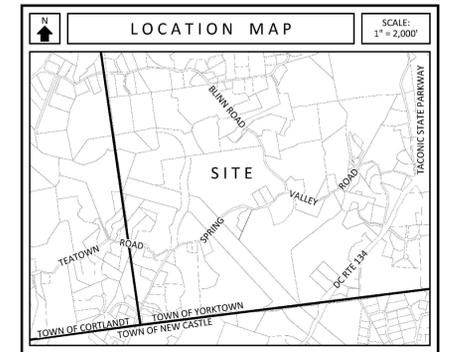


WETLAND RESTORATION

TEATOWN LAKE RESERVATION

TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK



PROPERTY INFORMATION	
SECTION-BLOCK-LOT:	69.14-1-5
PARCEL AREA:	32.2 ACRES
PROPERTY CLASS:	N/A
OWNER:	TEATOWN LAKE RESERVATION 1600 SPRING VALLEY ROAD OSSINING, NEW YORK 10562



SCALE: 1"=30'

PROJECT PLAN ILLUSTRATION

INDEX OF DRAWINGS

PAGE#	SHEET#	DRAWING TITLE
1	1	COVER SHEET
2	2	SITE PLAN
3	C-1	GRADING & UTILITIES PLAN
4	C-2	EROSION & SEDIMENT CONTROL PLAN
5	SD-1	SITE DETAILS
6	SD-2	EROSION & SEDIMENT CONTROL NOTES
7	7	PLANTING PLAN
8	8	PLANTING DETAILS

LANDSCAPE ARCHITECT

PROJECT ENGINEER

Restaino Design^{PC}
LANDSCAPE ARCHITECTURE



P.O. Box 278
Grahamsville, New York 12740
TEL: 845-985-0202 Email: info@restainodesign.com
www.restainodesign.com

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New Paltz, New York 12561
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Teatown Lake



KEY

-  RESTORATION AREA NATIVE PLANTINGS
-  EXISTING TREE
-  NEW TREE OR SHRUB
-  TREE TO BE REMOVED

NOTES:
 BASED ON SURVEY BY TEC LAND SURVEYING COMPLETED 08/26/2019.
 ALL CONSTRUCTION WORK MUST BE COORDINATED WITH THE TEATOWN LAKE RESERVATION FACILITIES AND GROUNDS MANAGER.
 NO EXCAVATION MAY BE MADE UNTIL ALL UNDERGROUND UTILITIES ARE LOCATED AND MARKED IN THE FIELD. CALL DIG SAFELY NEW YORK 811.

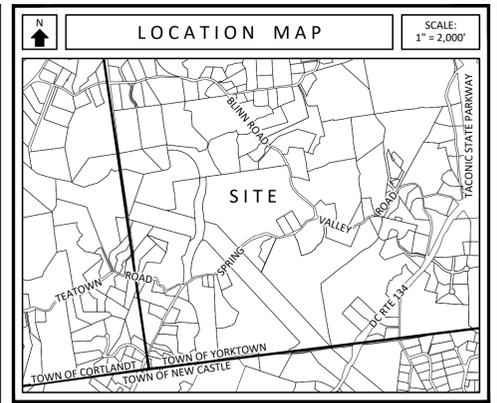
TEATOWN LAKE RESERVATION
 TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK
WETLAND RESTORATION

SITE PLAN		
DRAWN BY: DCM / BZR	REVISED: -	SCALE: 1"= 20'
DATE: 02/04/2020	NOTE REVISION DATE DISREGARD EARLIER COPIES	SHEET # 2

Restaino Design PC
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LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	ACOE WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT
	EXISTING DIRT TRAIL
	EXISTING TREE LINE
	EXISTING FENCE
	UTILITY POLE & OVERHEAD LINE
	EXISTING STONE WALL
	EXISTING EDGE OF PAVEMENT WITH CURB
	EXISTING DRAINAGE CULVERT
	EXISTING SIGN
	EXISTING DRAINAGE CATCH BASIN
	EXISTING TREE
	EXISTING SHRUB
	EXISTING TREE TO BE REMOVED
	EXISTING BEDROCK OUTCROPPING
	EXISTING SEWER MANHOLE
	EXISTING SEWER LINE
	EXISTING RETAINING WALL
	EXISTING BUILDING
	EXISTING BUILDING DECK/OVERHANG
	EXISTING PAVEMENT
	EXISTING GRAVEL
	PROPOSED DRY LAID STONE ENDWALL WITH RIP-RAP OUTLET PROTECTION
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE CULVERT
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED SPOT GRADE - FINISHED GRADE
	PROPOSED BOARDWALK
	PROPOSED GRAVEL AREA
	EXISTING TREE WITH TREE PROTECTION
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED WETLAND DISTURBANCE



PROPERTY INFORMATION	
SECTION-BLOCK-LOT:	69.14-1-5
PARCEL AREA:	32.2 ACRES
PROPERTY CLASS:	N/A
OWNER:	TEATOWN LAKE RESERVATION 1600 SPRING VALLEY ROAD OSSINING, NEW YORK 10562

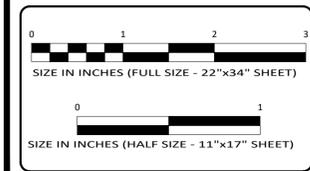
WETLAND DISTURBANCE TABLE	
WETLAND IMPACT	17,200 SF OR 0.395 Ac

SURVEY NOTES	
1.	TOPOGRAPHY, WETLAND DELINEATION, STRUCTURE LOCATIONS AND OTHER SITE FEATURES TAKEN FROM SURVEY BY TEC LAND SURVEYING COMPLETED 08/26/19
2.	WETLAND INVESTIGATION CONDUCTED BY QUENZER ENVIRONMENTAL

SITE NOTES	
1.	ALL EXCAVATED MATERIALS WILL BE USED IN FILL SECTIONS OUTSIDE OF WETLAND IF SUITABLE, OR REMOVED FROM THE SITE.
2.	NO EXCAVATED MATERIAL SHALL BE PLACED OR LEFT IN WETLANDS.
3.	SILT FENCE TO BE INSTALLED AS NECESSARY TO PROTECT TEATOWN LAKE.
4.	TOTAL WETLAND EXCAVATION - 600 CY EXPORT (ALL EXCAVATED MATERIAL WILL BE REMOVED FROM SITE OR GRADED ON SITE, OUTSIDE OF WETLAND). 0 CY IMPORT INTO WETLAND AREA.

SEDIMENT BASIN BERM NOTES	
1.	BERM SHALL NOT BE INSTALLED IN FROZEN OR SATURATED SOIL.
2.	CLEAR AND GRUB AREA BENEATH BERM. REMOVE ALL VEGETATION, ROOTS AND TOPSOIL IN EXCAVATION AREA.
3.	SOILS USED TO CONSTRUCT BERM MUST BE FREE OF ORGANIC MATERIALS, ROCKS OVER 3"Ø, AND OTHER NON-SOIL MATERIAL.
4.	BACKFILL MATERIAL TO BE APPROVED BY OWNER'S REPRESENTATIVE.
5.	BACKFILL MATERIAL TO BE INSTALLED IN MAXIMUM 12" LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

1 PROPOSED GRADING & UTILITY PLAN
C-1 SCALE: 1"=30'



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REV	DATE	DESCRIPTION

GRADING & UTILITY PLAN

TEATOWN LAKE RESERVATION

1600 SPRING VALLEY ROAD

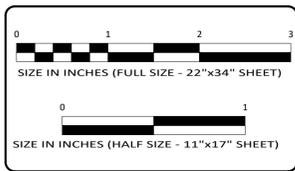
TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK

DRAWN BY	CHECKED BY
MLT	AVW
DATE	SCALE
01/30/20	AS NOTED
PROJECT NO.	
19034	
SHEET NO.	
C-1	



LEGEND	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	ACOE WETLAND BOUNDARY
	EXISTING EDGE OF PAVEMENT
	EXISTING DIRT TRAIL
	EXISTING TREE LINE
	EXISTING FENCE
	UTILITY POLE & OVERHEAD LINE
	EXISTING STONE WALL
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	PROPOSED DRY LAID STONE ENDWALL WITH RIP-RAP OUTLET PROTECTION
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE CULVERT
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED SPOT GRADE - FINISHED GRADE
	PROPOSED LIGHT DUTY COIR FABRIC
	PROPOSED GRAVEL AREA
	EXISTING TREE WITH TREE PROTECTION
	PROPOSED FILTREXX SILT/SOXX
	PROPOSED CATCH BASIN WITH INLET PROTECTION
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED WETLAND DISTURBANCE

1 PROPOSED EROSION AND SEDIMENT CONTROL PLAN
 C-2 SCALE: 1"=30'



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REV	DATE	DESCRIPTION

EROSION AND SEDIMENT CONTROL PLAN

TEATOWN LAKE RESERVATION

1600 SPRING VALLEY ROAD

TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK

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PROJECT NO.	
19034	
SHEET NO.	
C-2	

EROSION AND SEDIMENT CONTROL NOTES - GENERAL

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PRINCIPLES AS OUTLINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" AND THE LOCAL MUNICIPALITY'S EROSION AND SEDIMENT CONTROL STANDARDS AND PRACTICES. IF SUCH A DOCUMENT EXISTS, THE INTENT OF THE OUTLINED MEASURES IS TO MINIMIZE EROSION AND SEDIMENTATION DURING CONSTRUCTION, STABILIZE AND PROTECT THE SITE FROM EROSION AFTER CONSTRUCTION IS COMPLETE AND MITIGATE ANY ADVERSE IMPACTS TO STORMWATER QUALITY RESULTING FROM SEDIMENT RUNOFF CAUSED BY DEVELOPMENT ACTIVITIES.

NO SOIL STOCKPILE OR GRADED AREA SHALL REMAIN EXPOSED FOR MORE THAN 14 DAYS. THE EXPOSED AREAS OR SOIL STOCKPILE SHALL BE STABILIZED WITHIN THE 14 DAY PERIOD. STABILIZATION MEASURES TO BE USED INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING AND STONE RIP RAP. DURING CONSTRUCTION, RUNOFF SHALL BE DIVERTED AROUND THE SITE WITH EARTH DIKES, PIPING, OR STABILIZED CHANNELS WHERE POSSIBLE. SHEET RUNOFF FROM THE SITE SHALL BE PROVIDED WITH BARRIER FILTERS. STONE RIP RAP SHALL BE PROVIDED AT THE OUTLETS OF DRAINAGE PIPES WHERE EROSION VELOCITIES ARE ENCOUNTERED.

TIMING OF CONTROL MEASURES

AS INDICATED ABOVE IN THE CONSTRUCTION SEQUENCE SCHEDULE, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING ANY CLEARING OR GRADING OF THE SITE. STRUCTURAL CONTROLS SHALL BE INSTALLED CONCURRENTLY WITH THE APPLICABLE ACTIVITY. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN TWENTY ONE (21) DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN FOURTEEN (14) DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, SILT FENCES AND HAY BALE BARRIERS AND ANY EARTH DIKES WILL BE REMOVED ONCE PERMANENT MEASURES AND STABILIZATION ARE ESTABLISHED.

GENERAL INSPECTION AND MAINTENANCE PRACTICE

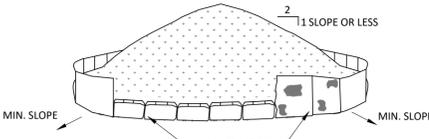
THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN DURING CONSTRUCTION.

1. THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DISTURBED AT ONE TIME.
2. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK.
3. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
4. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.

INSTALLATION NOTES

- ALL SEED MIXTURES ARE SPECIFIED ON THE PLANTING DETAIL SHEET.
1. TEMPORARY SEEDING SHOULD BE MADE WITHIN 24 HOURS OF CONSTRUCTION OR DISTURBANCE. IF NOT, THE SOIL MUST BE SCARIFIED PRIOR TO SEEDING.
 2. IN ORDER FOR MULCH TO BE EFFECTIVE IT MUST BE PLACED PRIOR TO MAJOR STORM EVENTS. IT WILL BE NECESSARY TO CLOSELY MONITOR WEATHER PREDICTIONS TO HAVE ADEQUATE WARNING OF SIGNIFICANT STORMS.
 3. THE TIME PERIOD TO MULCH CAN RANGE FROM 14 TO 21 DAYS OF INACTIVITY ON AN AREA, THE LENGTH OF TIME VARYING WITH SITE CONDITIONS. PROFESSIONAL JUDGMENT SHALL BE USED TO EVALUATE THE INTERACTION OF SITE CONDITIONS (SOIL ERODABILITY, SEASON OF YEAR, EXTENT OF DISTURBANCE, PROXIMITY TO SENSITIVE RESOURCES, ETC.) AND THE POTENTIAL IMPACT OF EROSION ON ADJACENT AREAS IN ORDER TO CHOOSE AN APPROPRIATE TIME RESTRICTION.
 4. WHEN MULCH IS APPLIED TO PROVIDE PROTECTION OVER WINTER (PAST THE GROWING SEASON) IT SHALL BE AT THE RATE OF 6,000 LBS OF HAY OR STRAW PER ACRE. A TACKIFIER MAY BE ADDED TO THE MULCH.

SEEDING NOTE

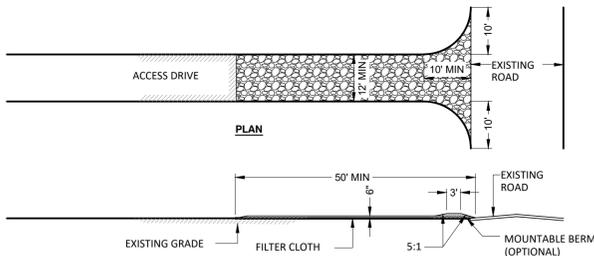


SPECIFICATION AND INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER COMPOST SOCK OR HAY BALES AND STABILIZED WITH VEGETATION OR COVERED.
 4. SEE SPECIFICATIONS ON INSTALLATION OF COMPOST SOCK.
- INSPECTION & MAINTENANCE NOTES:**
1. SOIL AND TOPSOIL STOCKPILE SHOULD BE SEEDDED IF THEY ARE TO REMAIN DORMANT FOR 30 DAYS.

SOIL STOCKPILE DETAIL

SCALE: NTS



SPECIFICATIONS AND INSTALLATION NOTES:

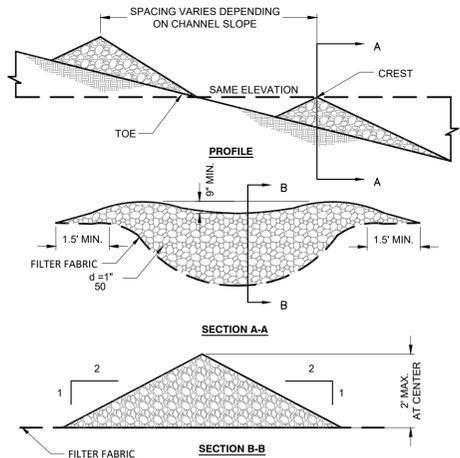
1. PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES AT THE PROJECT SITE, STABILIZED CONSTRUCTION ENTRANCED SHALL BE CONSTRUCTED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS.
2. STONE SIZE - USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
3. THICKNESS - NOT LESS THAN 6 INCHES.
4. WIDTH - 12 FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
6. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. THE FILTER CLOTH SHALL BE WOVEN.
7. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

INSPECTION & MAINTENANCE NOTES:

1. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.
2. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ON TO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS INTO AN APPROVED SEDIMENT-TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES OR WATERWAYS.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

SCALE: NTS



SPECIFICATIONS AND INSTALLATION NOTES:

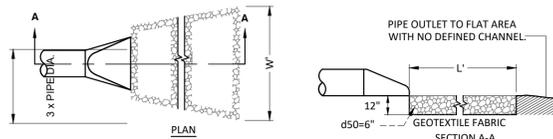
1. STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION.
2. SET SPACING OF CHECK DAMS SUCH THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS THE SAME AS THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCE SUCH AS CULVERT ENTRANCED BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

INSTALLATION AND MAINTENANCE NOTES:

1. THE CHECK DAMS SHALL BE INSPECTED PERIODICALLY. CONTRACTOR SHALL CORRECT THE DAMAGE WITHIN 24 HOURS OF NOTIFICATION.
2. REMOVE SEDIMENT ACCUMULATED BEHIND DAM AS NEEDED TO ALLOW CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM.
3. REPLACE STONE AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES.

STONE CHECK DAM DETAIL

SCALE: NTS



SPECIFICATIONS AND INSTALLATION NOTES:

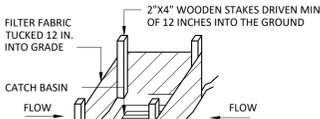
1. ANY FILL REQUIRED IN THE SUBGRADE SHALL BE SUITABLY COMPACTED.
2. THE ROCK OR GRAVEL SHALL CONFORM TO THE SPECIFIED GRADING LIMITS.
3. FILTERING CLOTH SHALL BE PROTECTED FROM PUNCHING, CUTTING, OR TEARING. ANY DAMAGE OTHER THAN THE OCCASIONAL SMALL HOLE SHALL BE REPAIRED BY PLACING ANOTHER PIECE OF CLOTH OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE CLOTH. ALL OVERLAPS WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF CLOTH SHALL BE A MINIMUM OF 1 FOOT.
4. STONE FOR RIP RAP MAY BE PLACED BY EQUIPMENT. IT SHALL BE CONSTRUCTED TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. THE STONE RIP RAP SHALL BE PLACED IN A MANNER THAT WILL INSURE THAT THE RIP RAP IS REASONABLY HOMOGENEOUS WITH THE SMALLER STONES FILLING THE VOIDS BETWEEN THE LARGER STONES. RIP RAP SHALL BE PLACED IN A MANNER TO PREVENT DAMAGE TO THE FILTER CLOTH.

INSPECTION & MAINTENANCE NOTES:

1. INSPECT THE STRUCTURE PERIODICALLY AND AFTER MAJOR STORM EVENTS.
2. REPAIR OR REPLACE FAILING STRUCTURES IMMEDIATELY.
3. CHECK CHANNEL FOR SCOUR OR DEBRIS AND LOSS OF ROCK FROM APRONS.

RIPRAP OUTLET PROTECTION DETAIL

SCALE: NTS



SPECIFICATIONS AND INSTALLATION NOTES:

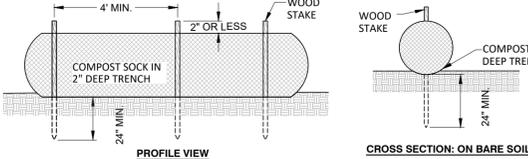
1. INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF CATCH BASIN OR YARD DRAIN AND BE MAINTAINED UNTIL DRAINAGE AREA IS STABILIZED.
2. REFER TO SILT FENCE DETAIL. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2X4 WOOD WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET, 3 FEET APART AND DRIVE INTO THE GROUND A MINIMUM OF 18 INCHES. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GRADE AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

INSPECTION & MAINTENANCE NOTES:

1. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER REACHING 1/2 THE HEIGHT OF THE FABRIC, OR MORE OFTEN IF THE FABRIC BECOMES CLOGGED.
2. THE INLET PROTECTION SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL, OR DAILY DURING EXTENDED PERIODS OF PRECIPITATION.
3. REPAIRS SHALL BE MADE IMMEDIATELY, AS NECESSARY, TO PREVENT PARTICLES FROM REACHING THE DRAINAGE SYSTEM AND/OR CAUSING SURFACE FLOODING.
4. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED WITHIN 24 HOURS OF CONTRACTOR NOTIFICATION.

CATCH BASIN / YARD INLET PROTECTION DETAIL

SCALE: NTS



SPECIFICATIONS:

1. SOCK INFILL AND FILTER MEDIA MATERIAL SHALL MEET THE STANDARDS OF THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
2. COMPOST SOCK SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE HEIGHT OF THE SOCKS.
3. PHOTODEGRADABLE AND BIODEGRADABLE SOCKS SHALL NOT BE USED FOR MORE THAN 1 YEAR.
4. COMPOST SOCK TO BE FILTREXX® SILT SOX™ OR EQUAL.

INSTALLATION NOTES:

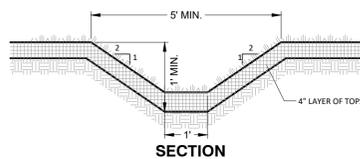
1. INSTALL SOCK IN A 2" DEEP TRENCH CONSTRUCTED ALONG THE CONTOUR, PERPENDICULAR TO THE SLOPE OR DIRECTION OF FLOW.
2. ENDS OF SOCKS SHALL BE TURNED UP THE SLOPE SO AS TO RETAIN WATER AND PREVENT ITS RELEASE FROM THE END OF THE SOCK.
3. SOCKS SHALL BE SECURED TO THE SUBGRADE BY WOODEN STAKES SPACED EVERY FOUR LINEAL FEET ACROSS THE LENGTH OF THE SOCK. STAKES SHALL BE DRIVEN THROUGH THE CENTER OF THE SOCK AND INTO THE GROUND A MINIMUM OF 24" WITH LESS THAN TWO INCHES PROJECTING ABOVE THE TOP OF THE SOCK. A STAKE SHALL BE PLACED WITHIN 2 FEET OF THE END OF THE SOCK.
4. IF SOCKS ARE JOINED TOGETHER BY ABUTTING THE ENDS, TIE THE ENDS TOGETHER USING HEAVY TWINE.
5. WHEN INSTALLING IN A CHANNEL BOTTOM, SOCK INSTALLATION SHALL CONTINUE THREE FEET ABOVE THE ANTICIPATED HIGH WATER MARK.
6. SOCK SHALL REMAIN IN PLACE UNTIL FULLY ESTABLISHED VEGETATION AND ROOT SYSTEMS ARE PRESENT AND CAN SURVIVE ON THEIR OWN. SOCKS ARE NOT REMOVED AND WILL DEGRADE IN PLACE.

INSPECTION AND MAINTENANCE NOTES:

1. COMPOST SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. THEY SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THEM. ANY REQUIRED REPAIRS SHALL BE MADE WITHIN 24 HOURS OF CONTRACTOR NOTIFICATION. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER BEHIND THEM, SEDIMENT BARRIERS SHALL BE REPLACED WITH A TEMPORARY CHECK DAM.
2. SHOULD THE COMPOST SOCK DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, IT SHALL BE REPLACED.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF (1/2) THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMOVED IN PLACE AFTER THE SOCK IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED, AND SEEDED. WHEN THE SOCK IS NO LONGER NEEDED, STAKES SHALL BE REMOVED.

COMPOST FILTER SOCK DETAIL

SCALE: NTS



NOTES:

1. STABILIZATION OF THE SWALE SHALL BE COMPLETED WITHIN 10 DAYS OF INSTALLATION.
2. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO OUTLET.
3. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. SWALE SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH TOPSOIL, SEED AND MULCH DETAIL.
7. CONTRACTOR IS RESPONSIBLE FOR PERIODIC INSPECTION AND REQUIRED MAINTENANCE.
8. ALL DRAINAGE SWALES SHALL BE KEPT FREE OF DEBRIS AND THE VEGETATION SHALL BE MAINTAINED TO ALLOW FLOW OF STORMWATER.

GRASS LINED DIVERSION SWALE DETAIL

SCALE: NTS

CONDITIONS WHERE PRACTICE APPLIES:

WASHOUT FACILITIES SHALL BE PROVIDED FOR EVERY PROJECT WHERE CONCRETE WILL BE POURED OR OTHERWISE FORMED ON THE SITE. THIS FACILITY WILL RECEIVE HIGHLY ALKALINE WASH WATER FROM THE CLEANING OF CHUTES, MIXERS, HOPPERS, VIBRATORS, PLACING EQUIPMENT, TROWELS, AND SCREEDS. UNDER NO CIRCUMSTANCES WILL WASH WATER FROM THESE OPERATIONS BE ALLOWED TO INFILTRATE INTO THE SOIL OR ENTER SURFACE WATERS.

DESIGN CAPACITY:

THE WASHOUT FACILITY SHOULD BE SIZED TO CONTAIN SOLIDS, WASH WATER, AND RAINFALL AND SIZED TO ALLOW FOR THE VAPORATION OF THE WASH WATER AND RAINFALL. WASH WATER SHALL BE ESTIMATED AT 7 GALLONS PER CHUTE AND 50 GALLONS PER HOPPER OF THE CONCRETE PUMP TRUCK AND/OR DISCHARGING DRUM. THE MINIMUM SIZE SHALL BE 8 FEET BY 8 FEET AT THE BOTTOM AND 2 FEET IF EXCAVATED, THE SIDE SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

LOCATION:

LOCATE THE FACILITY A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SURFACE WATERS. PREVENT SURFACE WATER FROM ENTERING THE STRUCTURE EXCEPT FOR THE ACCESS ROAD. PROVIDE APPROPRIATE ACCESS WITH A GRAVEL ACCESS ROAD SLOPED DOWN TO THE STRUCTURE. SIGNS SHALL BE PLACED TO DIRECT DRIVERS TO THE FACILITY AFTER THEIR LOAD IS DISCHARGED.

LINER:

ALL WASHOUT FACILITIES WILL BE LINED TO PREVENT LEACHING OF LIQUIDS INTO THE GROUND. THE LINER SHALL BE PLASTIC SHEETING WITH A MINIMUM THICKNESS OF 10 MILS WITH NO HOLES OR TEARS, AND ANCHORED BEYOND THE TOP OF THE PIT WITH AN EARTHEN BERM, SAND BAGS, STONE, OR OTHER STRUCTURAL APPURTENANCE EXCEPT AT THE ACCESS POINT. IF PRE-FABRICATED WASHOUTS ARE USED THEY MUST ENSURE THE CAPTURE AND CONTAINMENT OF THE CONCRETE WASH AND BE SIZED BASED ON THE EXPECTED FREQUENCY OF CONCRETE POURS, THEY SHALL BE SITED AS NOTED IN THE LOCATION CRITERIA.

MAINTENANCE:

1. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHOULD BE PUMPED TO A STABILIZED AREA, SUCH AS A GRASS FILTER STRIP.
2. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
3. DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL. ON-SITE DISPOSAL MAY BE ALLOWED IF THIS HAS BEEN APPROVED AND ACCEPTED AS PART OF THE PROJECTS SWPPP. IN THAT CASE, THE MATERIAL SHOULD BE RECYCLED AS SPECIFIED, OR BURIED AND COVERED WITH A MINIMUM OF 2 FEET OF CLEAN COMPACTED EARTH/FILL THAT IS PERMANENTLY STABILIZED TO PREVENT EROSION.
4. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
5. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.

CONCRETE WASHOUT FACILITY

SCALE: NTS

CONDITIONS WHERE PRACTICE APPLIES:

ON CONSTRUCTION ROADS, ACCESS POINTS, AND OTHER DISTURBED AREAS SUBJECT TO SURFACE DUST MOVEMENT AND DUST BLOWING WHERE OFF-SITE DAMAGE MAY OCCUR IF DUST IS NOT CONTROLLED.

DESIGN CRITERIA:

CONSTRUCTION OPERATIONS SHOULD BE SCHEDULED TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ONE TIME. BUFFER AREAS OF VEGETATION SHOULD BE LEFT WHERE PRACTICAL. TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL BE INSTALLED. NO SPECIFIC DESIGN CRITERIA IS GIVEN; SEE CONSTRUCTION SPECIFICATIONS BELOW FOR COMMON METHODS OF DUST CONTROL.

WATER QUALITY MUST BE CONSIDERED WHEN MATERIALS ARE SELECTED FOR DUST CONTROL. WHERE THERE IS A POTENTIAL FOR THE MATERIAL TO WASH OFF TO A STREAM, INGREDIENT INFORMATION MUST BE PROVIDED TO THE NYSDEC.

NO POLYMER APPLICATION SHALL TAKE PLACE WITHOUT WRITTEN APPROVAL FROM THE NYSDEC.

DESIGN CRITERIA:

A. NON-DRIVING AREAS – THESE AREAS USE PRODUCTS AND MATERIALS APPLIED OR PLACED ON SOIL SURFACES TO PREVENT AIRBORNE MIGRATION OF SOIL PARTICLES.

VEGETATIVE COVER – FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC, VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL.

MULCH (INCLUDING GRAVEL MULCH) – MULCH OFFERS A FAST EFFECTIVE MEANS OF CONTROLLING DUST. THIS CAN ALSO INCLUDE ROLLED EROSION CONTROL BLANKETS.

B. DRIVING AREAS – THESE AREAS UTILIZE WATER, POLYMER EMULSIONS, AND BARRIERS TO PREVENT DUST MOVEMENT FROM THE TRAFFIC SURFACE INTO THE AIR.

SPRINKLING – THE SITE MAY BE SPRAYED WITH WATER UNTIL THE SURFACE IS WET. THIS IS ESPECIALLY EFFECTIVE ON HAIL ROADS AND ACCESS ROUTE TO PROVIDE SHORT TERM LIMITED DUST CONTROL.

POLYMER ADDITIVES – THESE POLYMERS ARE MIXED WITH WATER AND APPLIED TO THE DRIVING SURFACE BY A WATER TRUCK WITH A GRAVITY FEED DRIP BAR, SPRAY BAR OR AUTOMATED DISTRIBUTOR TRUCK. THE MIXING RATIOS AND APPLICATION RATES WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INCORPORATION OF THE EMULSION INTO THE SOIL WILL BE DONE TO THE APPROPRIATE DEPTH BASED ON EXPECTED TRAFFIC. COMPACTION AFTER INCORPORATION WILL BE BY VIBRATORY ROLLER TO A MINIMUM OF 95%. THE PREPARED SURFACE SHALL BE MOIST AND NO APPLICATION OF THE POLYMER WILL BE MADE IF THERE IS A PROBABILITY OF PRECIPITATION WITHIN 48 HOURS OF ITS PROPOSED USE. MATERIAL SAFETY DATA SHEETS WILL BE PROVIDED TO ALL APPLICATORS WORKING WITH THE MATERIAL.

BARRIERS – WOVEN GEO-TEXTILES CAN BE PLACED ON THE DRIVING SURFACE TO EFFECTIVELY REDUCE DUST THROW AND PARTICLE MIGRATION ON HAIL ROADS. STONE CAN ALSO BE USED FOR CONSTRUCTION ROADS FOR EFFECTIVE DUST CONTROL.

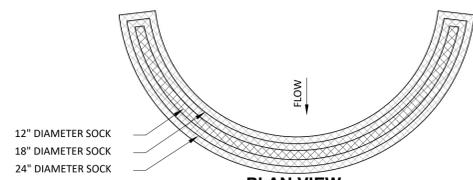
WINDBREAK – A SILT FENCE OR SIMILAR BARRIER CAN CONTROL AIR CURRENTS AT INTERVALS EQUAL TO TEN TIMES THE BARRIER HEIGHT. PRESERVE EXISTING WIND BARRIER VEGETATION AS MUCH AS PRACTICAL.

MAINTENANCE:

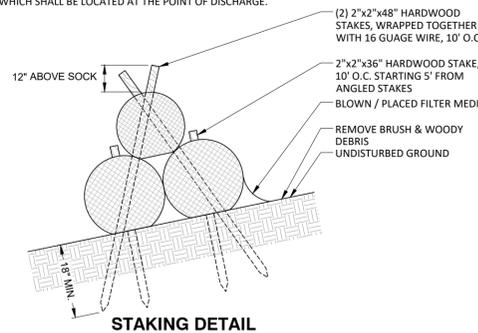
MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED.

DUST CONTROL NOTES

SCALE: NTS



1. COMPOST SOCK SEDIMENT TRAP SHALL BE SIZED TO PROVIDE 3,600 CUBIC FEET OF STORAGE CAPACITY FOR ACRE TRIBUTARY TO THE TRAP.
2. MINIMUM BASE WIDTH IS EQUIVALENT TO THE HEIGHT.
3. SEDIMENT ACCUMULATION SHALL NOT EXCEED 1/2 THE TOTAL HEIGHT OF THE TRAP.
4. SOCKS SHALL BE OF LARGER DIAMETER AT THE BASE OF THE TRAP AND DECREASE IN DIAMETER FOR SUCCESSIVE LAYERS AS INDICATED TO THE LEFT.
5. ENDS OF THE TRAP SHALL BE A MINIMUM OF 1 FOOT HIGHER IN ELEVATION THAT THE MID-SECTION, WHICH SHALL BE LOCATED AT THE POINT OF DISCHARGE.



SPECIFICATIONS:

1. SOCK INFILL AND FILTER MEDIA MATERIAL SHALL MEET THE STANDARDS OF THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
2. COMPOST SOCK SEDIMENT TRAPS SHALL NOT EXCEED THREE SOCKS IN HEIGHT AND SHALL BE STACKED IN PYRAMIDAL FORM AS SHOWN ABOVE. MINIMUM TRAP HEIGHT IS ONE 24 INCH DIAMETER SOCK. ADDITIONAL STORAGE MAY BE PROVIDED BY MEANS OF AN EXCAVATED SUMP 12 INCHES DEEP EXTENDING 1 TO 3 FEET UPSLOPE OF THE SOCKS ALONG THE LOWER SIDE OF THE TRAP.
3. COMPOST SOCK SEDIMENT TRAPS SHALL PROVIDE 3,600 CUBIC FEET STORAGE CAPACITY WITH 12 INCHES OF FREEBOARD FOR EACH TRIBUTARY DRAINAGE ACRE.
4. THE MAXIMUM TRIBUTARY DRAINAGE AREA IS 5.0 ACRES. SINCE COMPOST SOCKS ARE "FLOW-THROUGH", NO SPILLWAY IS REQUIRED.
5. COMPOST SOCK SEDIMENT TRAPS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE HEIGHT OF THE SOCKS.
6. PHOTODEGRADABLE AND BIODEGRADABLE SOCKS SHALL NOT BE USED FOR MORE THAN 1 YEAR.
7. COMPOST SOCK TO BE FILTREXX® SILT SOX™ OR EQUAL.

COMPOST FILTER SOCK SEDIMENT TRAP

SCALE: NTS



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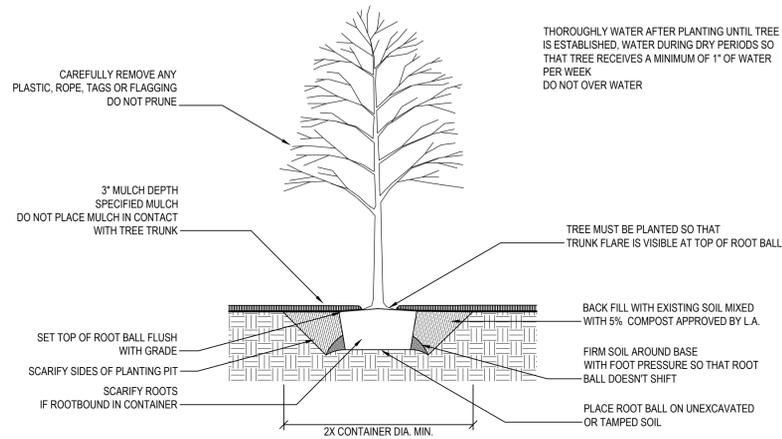
EROSION AND SEDIMENT CONTROL NOTES

TEATOWN LAKE RESERVATION

1600 SPRING VALLEY ROAD

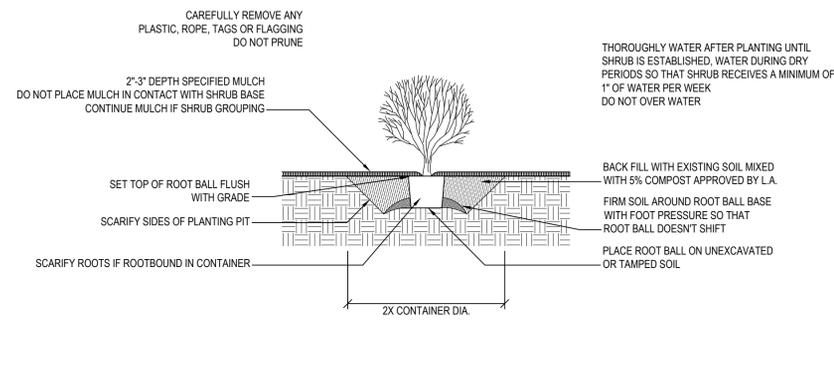
TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK

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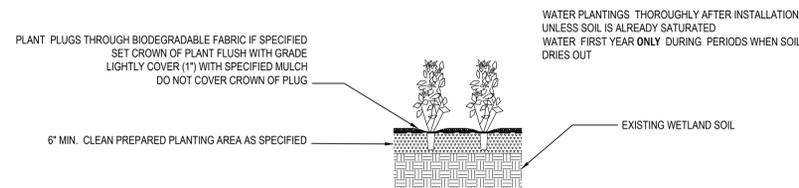
1 DECIDUOUS TREES (CONTAINER)

Scale: N.T.S.



2 SHRUBS (CONTAINER)

Scale: N.T.S.



PLUG PLANTING SPECIFICATIONS

PROVIDE CLEAN PLUG PLANTING BED TO 6\"/>

REMOVE STONES, ROOTS, ANY REMAINING VEGETATION OR WEEDS AND ANY DEBRIS THAT COULD INTERFERE WITH PLANTING. DO NOT LEAVE A SLICK COMPACTED SURFACE LAYER.

INSURE THAT FINISHED GRADE IS DEEP ENOUGH FOR WETLAND PLANT SURVIVAL AND WILL BE MIN. 12\"/>

DEEP OR LANDSCAPE PLUGS 4.5\"/>

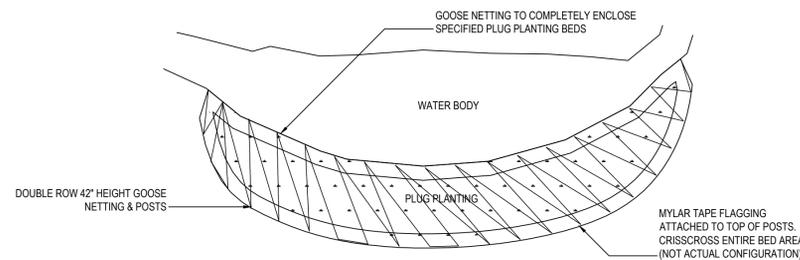
NOTIFY GROWER IN ADVANCE OF ORDER TO INSURE AVAILABILITY.

PLANT PLUGS SPACED AS SHOWN ON PLANTING PLAN OR AS DIRECTED BY LANDSCAPE ARCHITECT.

THE SAME GUARANTEE THAT APPLIES TO NURSERY STOCK APPLIES TO PLUGS.

4 PLUG PLANTING - DETAIL & SPECIFICATIONS

Scale: N.T.S.



GOOSE NETTING SPECIFICATIONS

PLUG PLANTING AREAS REQUIRING GOOSE NETTING TO BE DETERMINED BY TEATOWN LAKE RESERVATION ECOLOGIST.

MAINTAIN COMPLETE ENCLOSURE AROUND VULNERABLE AREAS AND INSURE THAT FLAGGING DOES NOT BLOW FROM SITE. REMOVE ALL POSTS, GOOSE NETTING AND FLAGGING COMPLETELY AS SOON AS PLUGS ARE OUT OF DANGER.

GOOSE NETTING AND POSTS BY PINELANDS NURSERY: WWW.PINELANDSNURSERY.COM OR EQUIVALENT. INSTALLATION PER SUPPLIERS RECOMMENDATIONS.

5 GOOSE NETTING - DETAIL & SPECIFICATIONS

Scale: N.T.S.

MULCH SPECIFICATIONS

MULCH SHALL BE WEED SEED FREE, LOW PHOSPHORUS, PARTIALLY COMPOSTED FROM ORGANIC VEGETATIVE MATERIAL BY WESTWOOD ORGANIC MULCH www.westwoodorganic.com, OR EQUIVALENT.

COMPOST SPECIFICATIONS

COMPOST SHALL BE WEED SEED FREE AND FROM PRIMARILY VEGETATIVE SOURCES WITH A pH NEAR 6.6 AND NO HIGHER THAN 7.0. AN ANALYSIS SHALL BE FURNISHED TO THE LANDSCAPE ARCHITECT BEFORE APPROVAL.

MULCH OR COMPOST USED IN EROSION CONTROL FILTER SOX, IF THE SAME SPECIFICATIONS, CAN BE USED AS TOPDRESSING ONCE AREA IS STABILIZED.

6 MULCH & COMPOST - SPECIFICATIONS

NURSERY STOCK SPECIFICATIONS

THE CONTRACTOR SHALL PROVIDE TREES, SHRUBS AND HERBACEOUS PLANTS OF THE QUANTITY, SIZE, GENUS, SPECIES AND VARIETY SHOWN ON THE PLANTING PLAN. NO SUBSTITUTIONS MAY BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

ALL PLANTS SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK" AND BE HEALTHY, VIGOROUS, GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND BE FREE OF DISEASE AND DEFECTS. THE LANDSCAPE ARCHITECT SHALL INSPECT PLANTS UPON DELIVERY AND RESERVES THE RIGHT TO REJECT UNSATISFACTORY OR DEFECTIVE PLANT MATERIAL AT ANY TIME DURING THE PROGRESS OF WORK. THE CONTRACTOR SHALL REMOVE REJECTED TREES, SHRUBS OR HERBACEOUS PLANTS IMMEDIATELY FROM THE PROJECT SITE AND REPLACE THEM WITH SUITABLE PLANT MATERIAL.

TREES AND SHRUBS SHALL NOT BE PRUNED PRIOR TO DELIVERY. PROTECTIVE COVERING SHALL BE PROVIDED FOR ALL PLANTS DURING TRANSPORT AND DELIVERY. THE CONTRACTOR SHALL DELIVER PLANTS IN GOOD CONDITION AFTER ALL PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, PLANTS MUST BE PROTECTED FROM DRYING OUT.

TIME OF PLANTING SHALL OCCUR DURING SEASONAL TIMES THAT ARE APPROPRIATE FOR PLANT ESTABLISHMENT: SPRING, AFTER DANGER OF FROST UNTIL JUNE 15TH; FALL, AUGUST 15TH UNTIL OCTOBER 31 OR FIRST FROST. PLANTING SHALL NOT BE DONE IN PERIODS OF DROUGHT, EXCESSIVE HEAT OR COLD. ADEQUATE WATERING SHALL BE PROVIDED AT PLANTING TO PROMOTE SURVIVAL AS WELL AS POST PLANTING CARE.

ALL PLANTS SHALL HAVE A REPLACEMENT GUARANTEE FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF ACCEPTANCE OF THE LANDSCAPE WORK OR THE DATE OF SUBSTANTIAL COMPLETION, WHICHEVER IS LATER. CONTRACTOR SHALL REPLACE, ACCORDING TO THE ORIGINAL SPECIFICATIONS, ANY PLANT MATERIAL THAT IS DECLINING, DISEASED, DEAD OR DAMAGED AT THE REQUEST OF THE LANDSCAPE ARCHITECT OR THE TEATOWN LAKE RESERVATION ECOLOGIST. THE GUARANTEE AND MAINTENANCE APPLIES TO ALL INSTALLED PLANT MATERIAL.

ANY PLANT THAT IS NOT SHOWING SATISFACTORY GROWTH, AS DETERMINED BY THE LANDSCAPE ARCHITECT OR TEATOWN LAKE RESERVATION ECOLOGIST, SHALL BE PROMPTLY REMOVED AND REPLACED BY THE CONTRACTOR DURING THE APPROPRIATE PLANTING SEASON. THE REPLACEMENT SHALL BE OF THE SAME VARIETY, SIZE AND CHARACTER AS SPECIFIED FOR THE ORIGINAL PLANTING. IN THE EVENT OF REPLACEMENT, RE-PLANTED MATERIALS SHALL BE GUARANTEED FOR ONE (1) YEAR FOLLOWING PLANTING AND ALL REQUIREMENTS STATED ABOVE SHALL BE ADHERED TO DURING THIS ADDITIONAL MAINTENANCE AND GUARANTEE PERIOD.

POST PLANTING CARE FOR PERIOD OF ONE (1) YEAR:

WATER FIRST YEAR DURING PERIODS WHEN SOIL RECEIVES LESS THAN 1\"/>

REPAIR MULCH AS NEEDED TO ORIGINAL DEPTH.

REMOVE ANY EMERGING WEEDS FROM PLANTING BEDS.

3 NURSERY STOCK - SPECIFICATIONS

SEEDING SPECIFICATIONS

SEED BEDS SHALL BE CLEAN AND FREE OF WEEDS, ROCKS AND ROOTS AND PREPARED BY SCARIFYING WITH TRACKING EQUIPMENT UP AND DOWN SLOPES OR HAND RAKING AFTER REACHING THE CORRECT GRADES AND GRADING OPERATIONS ARE FINISHED FOR THE SPECIFIC LOCATION. AREAS THAT ARE COMPLETED WILL BE SEEDED, MULCHED OR COVERED WITH EROSION CONTROL FABRIC IF INDICATED AS SOON AS POSSIBLE. STAGE WORK SO THAT DISTURBED AREAS CAN BE SEEDED BEFORE NEW AREAS ARE OPENED.

DO NOT HYDROSEED WILDFLOWER MIXES. USE ROTARY OR BACKPACK SPREADER. SEED WILDFLOWER MIXES ONLY DURING SPRING OR DORMANT SEEDING IN LATE FALL AND AS RECOMMENDED BY SEED SUPPLIER: PINELANDS NURSERY: www.pinelandsnursery.com (P) 609-291-9486.

USE CEREAL OATS, Avena sativa, OR CEREAL RYE, Secale cereale, (NOT ANNUAL RYE) AS COVER CROP AT 2 LBS PER 1000 SQ. FT. WITH WILDFLOWER MIXES. IF NECESSARY CEREAL OATS OR CEREAL RYE CAN BE USED ALONE AS TEMPORARY EROSION CONTROL COVER AT 3 LBS. PER 1000 SQ. FT. BUT AREA MUST BE PREPARED LATER FOR SOIL SEED CONTACT WHEN SEEDED WITH PERMANENT WILDFLOWER MIX.

SOIL AMENDMENTS UNLESS REQUESTED ARE NOT NECESSARY. FIRM SEEDBED FOR GOOD SOIL AND SEED CONTACT AND MULCH LIGHTLY WITH CLEAN STRAW NOT HAY SO THAT LIGHT PENETRATES TO SEED UNLESS COVERING WITH SPECIFIED OPEN WEAVE EROSION CONTROL FABRIC IN SHADED AREA. RESEED AND MULCH ANY DAMAGED OR POORLY PERFORMING AREAS IMMEDIATELY. ANY NON-PERFORMING AREAS SHALL BE RESEED WITH SPECIFIED MIX SO THAT COVERAGE IS SUCCESSFUL WITHIN ONE YEAR OF ORIGINAL SEEDING.

SEE PLANTING PLAN FOR SEED MIX LOCATIONS AND RATES.

SPECIFIED WILDFLOWER SEED MIX PERCENTAGES

BASIN SLOPE MIX		EROSION CONTROL MIX		RIPARIAN BUFFER MIX	
Botanical Name	% of Mix	Botanical Name	% of Mix	Botanical Name	% of Mix
Andropogon gerardii	8.00%	Andropogon gerardii	11.00%	Andropogon gerardii	8.00%
Asclepias syriaca	1.00%	Carex crinita	6.00%	Asclepias incarnata	1.00%
Chamaecrista fasciculata	0.50%	Carex lurida	11.00%	Carex crinita	10.00%
Coreopsis lanceolata	1.00%	Chamaecrista fasciculata	2.00%	Carex lurida	10.00%
Echinacea purpurea	9.00%	Coreopsis lanceolata	9.00%	Chamaecrista fasciculata	1.00%
Elymus virginicus	10.00%	Elyria divaricata	2.00%	Elymus virginicus	10.00%
Conoclinium coelestinum	1.50%	Glyceria striata	2.00%	Conoclinium coelestinum	4.00%
Eupatorium purpureum	2.00%	Juncus effusus	2.00%	Eupatorium purpureum	2.00%
Euthamia graminifolia	2.00%	Monarda punctata	2.00%	Glyceria striata	2.00%
Helopsis helianthoides	8.00%	Panicum virgatum	12.00%	Helianthus autumnale	2.00%
Monarda fistulosa	8.00%	Penstemon digitalis	4.00%	Helopsis helianthoides	2.00%
Panicum virgatum	10.00%	Penstemon hirsutus	1.00%	Iris versicolor	2.00%
Penstemon hirsutus	2.00%	Rudbeckia hirta	5.00%	Juncus effusus	3.00%
Rudbeckia hirta	11.00%	Schizachyrium scoparium	14.00%	Lobelia siphilitica	1.00%
Schizachyrium scoparium	13.00%	Solidago caesia	1.00%	Panicum virgatum	6.00%
Sorghastrum nutans	6.00%	Solidago sempervirens	4.00%	Rudbeckia hirta	8.00%
Symphoricarpos oblongifolium	2.00%	Sorghastrum nutans	6.00%	Schizachyrium scoparium	6.00%
Tridens flavus	5.00%	Symphoricarpos laevis	5.00%	Schoenoplectus atrovirens	5.00%
		Tradescantia chiensis	1.00%	Sorghastrum nutans	1.00%
			100.00%	Symphoricarpos novi-belgii	5.00%
				Verbena hastata	2.00%
				Vernonia noveboracensis	3.00%
					100.00%

7 SEEDING - SPECIFICATIONS

NOTES:

ALL CONSTRUCTION WORK MUST BE COORDINATED WITH THE TEATOWN LAKE RESERVATION FACILITIES AND GROUNDS MANAGER. NO EXCAVATION MAY BE MADE UNTIL ALL UNDERGROUND UTILITIES ARE LOCATED AND MARKED IN THE FIELD. CALL DIG SAFELY NEW YORK 811. THE LANDSCAPE ARCHITECT WILL APPROVE PLACEMENT OF PLANTS BEFORE PLANTING.

TEATOWN LAKE RESERVATION
TOWN OF YORKTOWN, WESTCHESTER COUNTY, NEW YORK
WETLAND RESTORATION



PLANTING DETAILS & SPECIFICATIONS

DRAWN BY: DCM / BZR	REVISED: -	SCALE: AS SHOWN
DATE: 02/04/2020	NOTE REVISION DATE: DISREGARD EARLIER COPIES	SHEET #: 8

Restaino Design PC
LANDSCAPE ARCHITECTURE

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