

2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.

3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER— LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT. 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN

"BULGES" DEVELOP IN THE SILT FENCE. U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE SILT FENCE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

EROSION & SEDIMENT CONTROL NOTES

NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

- 1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL SEDIMENT CONTROLS (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED WORK MUST BE INSTALLED. 2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON-SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON-CONTOUR AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONTRACT, OR PROPERTY LINE.
- 3. MASS CLEARINGS AND GRADING MUST BE AVOIDED. CLEAR AND GRUB ONLY WHAT IS REQUIRED FOR IMMEDIATE CONSTRUCTION ACTIVITY. 4. EXPOSED SOILS ANTICIPATED TO REMAIN IDLE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE IMMEDIATELY STABILIZED WITH TEMPORARY SEED AND MULCH.
- 5. WHEREVER POSSIBLE, NATURAL VEGETATION IS TO BE PROTECTED BY LIMITING THE CLEARING AND GRUBBING OPERATION, AS WELL AS RESTRICTING CONSTRUCTION EQUIPMENT
- 6. WHERE FEASIBLE, LARGE TREES TO BE PRESERVED SHALL BE FENCED OFF SO THAT THE ROOT SYSTEM AND OVERHANGING BRANCHES ARE PROTECTED FROM CONSTRUCTION
- 7. OFF-SITE RUNOFF SHOULD BE DIVERTED FROM HIGHLY ERODIBLE SOILS AND STEEP SLOPES TO STABLE AREAS WITH TEMPORARY DIKES AND/OR SWALES 8. PERMANENT SEEDING SHOULD OPTIMALLY BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM SEPTEMBER TO OCTOBER 15. PERMANENT SEEDING MAY BE UNDERTAKEN DURING THE SUMMER, PROVIDING AN ADEQUATE
- WATERING SCHEDULE IS MAINTAINED. 9. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15, WHEN SEEDING IS OTHERWISE FOUND TO BE IMPRACTICABLE, AN APPROPRIATE TEMPORARY MULCH SHALL BE APPLIED. TEMPORARY SEEDING WITH RYE CAN BE UTILIZED THROUGH NOVEMBER. 10. ALL SLOPES STEEPER THAN 3H:1V AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS SHALL, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES
- 11. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED. 12. AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED SHALL BE DRESSED WITH A MINIMUM OF 4 INCHES OF TOPSOIL. COMPACTED SUB-SOILS SHALL BE DISKED OR TILLED PRIOR TO PLACEMENT OF TOPSOIL. SURFACE SHALL BE RAKED SMOOTH, REMOVING STICKS, FOREIGN MATTER, AND STONES OVER 1" IN DIAMETER.
- 13. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. IT SHALL HAVE NOT LESS THAN 20% OF MATERIAL PASSING THE NO. 200 SIEVE, AND NOT MORE THAN 15% CLAY. IT SHALL BE RELATIVELY FREE OF STONES OVER 1-1/2" INCHES IN DIAMETER, TRASH, NOXIOUS WEEDS, AND SHALL HAVE LESS THAN 10% GRAVEL.
- BE APPLIED AT THE FOLLOWING RATE AND SCHEDULE: SPRING OR SUMMER OR EARLY FALI USE RYEGRASS AT 30 LBS PER ACRE. LATE FALL OR EARLY WINTER, USE WINTER RYE AT 15. PERMANENT SEEDING FOR FINAL STABILIZATION SHOULD BE APPLIED EITHER FROM SPRING-THAW TO MID-MAY OR MID-AUGUST TO EARLY OCTOBER WITH A 65/20/15 MIX OF

14. SEEDING FOR TEMPORARY STABILIZATION OR IN PREPARATION OF WINTER SHUTDOWN SHALL

SEEDING IS DONE BETWEEN MID-MAY AND MID-AUGUST, IRRIGATION MAY BE REQUIRED FOR TO ACHIEVE FINAL STABILIZATION. 16. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL SEEDED AREAS, TEMPORARY OR PERMANENT, AT A RATE OF 2 TONS PER ACRE (OR 3 BALES PER 1,000 SQ FT). 17. WHEN SPECIFIED, ROLLED EROSION CONTROL BLANKET SHALL BE STRAW BIODEGRADABLE

KENTUCKY BLUEGRASS/PERENNIAL RYEGRASS/FINE FESCUE AT 160 LBS. PER ACRE. IF

- DOUBLE-NET BLANKET (EBX-S2 NN) AS MANUFACTURED BY CARTHAGE MILLS, SHALL BE PROVIDED ON ALL FINAL GRADES STEEPER THAN 1 VERTICAL OVER 3 HORIZONTAL (UP TO 18. WHEN SPECIFIED, INLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH CATCH BASIN INSTALLATION. IN THE SAME MANNER, ROCK OUTLET PROTECTION SHALL BE
- INSTALLED CONCURRENTLY WITH PIPE DISCHARGE INSTALLATION. 19. EROSION AND SEDIMENT CONTROL PRACTICES WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES. 20. IN AREAS WHERE SOIL DISTURBACE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CREASED.

THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF

THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE

- THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. 21. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING OF TRENCHES AND EXCAVATIONS, MUST BE MANAGED BY APPROPRIATE CONTROL MEASURES. 22. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED SO AS TO PREVENT THE TRACKING OF SEDIMENT OFF-SITE. SEDIMENT TRACKED ONTO PAVED RIGHTS-OF-WAY
- 23. SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT BECOMES 6" DEEP AT THE FABRIC. SILT FENCE SHALL BE REPLACED WHEN FABRIC BECOMES RIPPED OR FRAYED. 24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPPING DEVICES WHEN ACCULULATION REACHES 50% OF DESIGN CAPACITY. STONE SHALL BE CLEANED OR REPLACED WHEN SEIDMENT POOL NO LONGER DRAINS PROPERLY.

CONSTRUCTION SEQUENCE

- 1. CONDUCT PRE-CONSTRUCTION CONFERENCE WITH OWNER, CONTRACTOR, AND REPRESENTATIVES OF THE TOWN OF PHILISPTOWN AND INVOLVED AGENCIES. 2. ESTABLISH DISTURBANCE LIMITS, AND DENOTE RESOURCES TO BE PROTECTED. 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (SCE) AND ROADWAY.
- 4. INSTALL SILT FENCING AND SEDIMENT CONTROLS. 5. ACCOMPLISH REQUIRED CLEARING/GRUBBING OF SITE.

SHALL BE SWEPT CLEAN AT THE END OF EACH WORK DAY.

- 6. TOPSOIL REMOVAL AND STOCKPILING PERFORMED WHERE SPECIFIED. 7. STAGED DRIVEWAY CONSTRUCTION, AND STABILIZE GRADING AS WORK PERFORMED. 9. SITE DEVELOPMENT/HOUSE CONSTRUCTION AND SITE UTILITIES PER APPROVED PLANS.
- 11. SOIL RESTORATION OF DISTURBED AREAS. 12. REMOVE EROSION AND SEDIMENT CONTROL PRACTICES.

10. REMOVE STAGING AREAS UPON COMPLETION OF CONSTRUCTION.

PAVEMENT CONSTRUCTION SPECIFICATIONS / MOUNTABLE BERM

SYMBOL

STABILIZED

CONSTRUCTION

FNTRANCF

(OPTIONAL)

<u>PLAN VIEW</u>

1. STONE SIZE — USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE

H. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT

5. FILTER CLOTH — WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING

S. SURFACE WATER — ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON—

STRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS

MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL

PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL

SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY

). PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL

MANAGEMENT COMPANY. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE

DEPOSITED IN THE DUMPSTER(S). THE DUMPSTER SHALL BE EMPTIED ON AN AS-NEEDED

BASIS AND THE TRASH WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION

MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING

2. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF TWO

CONSTRUCTION TO MINIMIZE STORMWATER CONTAMINATION FROM PETROLEUM PRODUCTS,

- FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE

MANUFACTURER, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER AND WILL BE WORKED

- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE

- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEAN-UP WILL BE KEPT IN THE

- CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS

BE LIMITED TO: BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, FAST

TEMPORARY MATERIAL STORAGE TRAILER ON-SITE. EQUIPMENT WILL INCLUDE BUT NOT

ABSORBENT MATERIAL, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS.

- WHEN TESTING/CLEANING OF WATER SUPPLY LINES, THE DISCHARGE FROM THE TESTED

PIPE WILL BE COLLECTED AND CONVEYED TO A COMPLETED STORMWATER COLLECTION

- A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED TO REDUCE VEHICLE

- DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED

- ALL RUTS CAUSED BY EQUIPMENT USED FOR SITE CLEARING AND GRADING WILL BE

RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. ANY

5. SPILL PREVENTION AND RESPONSE - THE FOLLOWING CONTROLS AND PROCEDURES SHALL

SPILL, INCLUDING CONSTRUCTION OF A DIKE AROUND THE SPILL AND PLACING

THE OWNER/OPERATOR AND OR CONTRACTOR SHALL INSTRUCT PERSONNEL THAT

- OILS, AND CHEMICALS WILL BE STORED IN APPROPRIATE AND TIGHTLY CAPPED

CONTAINERS. CONTAINERS SHALL NOT BE DISPOSED OF ON THE PROJECT SITE.

- OILS, CHEMICALS, MATERIAL, EQUIPMENT, AND SANITARY FACILITIES WILL BE

- USE FUNNELS WHEN POURING FUELS, LUBRICATING MATERIALS OR CHEMICALS.

THE NYS DEC HOTLINE (1-800-457-7362), UNLESS THEY MEET <u>ALL</u> OF THE

THE SPILL IS CONTAINED AND UNDER THE CONTROL OF THE SPILLER; AND

- SPILLS SHALL ALSO BE REPORTED TO THE LOCAL AUTHORITIES, IF REQUIRED. FOR SPILLS NOT DEEMED REPORTABLE, THE FACTS CONCERNING THE INCIDENT SHALL BE

DOCUMENTED BY THE SPILLER, AND A RECORD MAINTAINED FOR ONE YEAR.

THE SPILL HAS NOT AND WILL NOT REACH THE STATE'S WATER OR ANY LAND; AND

IN ACCORDANCE WITH LABEL DIRECTIONS AND LEGAL REQUIREMENTS.

WET AREAS, AND OTHER ENVIRONMENTALLY SENSITIVE SITE.

PROVIDE RAPID RESPONSE TO EMERGENCY SITUATIONS.

THE SPILL IS KNOWN TO BE LESS THAN 5 GALLONS; AND

THE SPILL IS CLEANED UP WITHIN 2 HOURS OF DISCOVERY.

BE USED TO MINIMIZE THE POTENTIAL FOR LEAKS, SPILLS AND OTHER RELEASES:

- PERSONNEL WILL BE MADE AWARE OF EMERGENCY TELEPHONE NUMBERS.

SPILLAGE OF FUELS, OILS, AND SIMILAR CHEMICALS MUST BE AVOIDED.

VEHICLE LEAKING FUEL OR HYDRAULIC FUEL WILL BE IMMEDIATELY SCHEDULED FOR REPAIRS

- THE OWNER/OPERATOR AND OR CONTRACTOR SHALL IMMEDIATELY CONTACT NYSDEC IN

STORED/LOCATED AWAY FROM TREES AND AT LEAST 100 FEET FROM STREAMS, WELLS,

- DISPOSE OF CHEMICAL CONTAINERS AND SURPLUS CHEMICALS OFF THE PROJECT SITE

- USE TIGHT CONNECTIONS AND HOSES WITH APPROPRIATE NOZZLES IN ALL OPERATIONS

- REFUELING OF CONSTRUCTION EQUIPMENT WILL TAKE PLACE IN PARKING AREAS TO

- PETROLEUM SPILLS AND MOST HAZARDOUS MATERIALS SPILLS MUST BE REPORTED TO

THE EVENT OF A SPILL, AND SHALL TAKE ALL APPROPRIATE STEPS TO CONTAIN THE

4. VEHICLE MAINTENANCE - ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND

FERTILIZERS, PAINTS, AND CONCRETE. TO PREVENT STORMWATER CONTAMINATION FROM

TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

3. GOOD HOUSEKEEPING AND SPILL CONTROL PRACTICES WILL BE FOLLOWED DURING

THE SITE, GOOD HOUSEKEEPING PRACTICES ARE LISTED BELOW:

INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.

TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS.

CONCRETE OR DRUM WASH WATER ON THE SITE.

AND USE WILL BE DISCONTINUED UNTIL REPAIRS ARE MADE.

ABSORBENT MATERIAL OVER THIS SPILL.

TRACKING OF SEDIMENT.

ELIMINATED BY RE-GRADING.

WITH A TARPAULIN.

- A COVERED DUMPSTER WILL BE USED FOR ALL WASTE MATERIALS.

DUMPSTER SUPPLIED BY A WASTE HANDLER THAT IS A LICENSED SOLID WASTE

B. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH

STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

U.S. DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

THE CORRECT PROCEDURE FOR WASTE DISPOSAL.

IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE

A 30 FOOT MINIMUM LENGTH WOULD APPLY).

3. THICKNESS - NOT LESS THAN SIX (6) INCHES.

ENTRANCE TO SITE.

GOOD HOUSEKEEPING

OF STONE.

GROUND

- ALL GRADED OR DISTURBED AREAS INC; UDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION
- AND SEDIMENT CONTROL IN DEVELOPING AREAS". TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
- AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE. SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED
- ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES . EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF

IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.

NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

- . FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS. 10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES. 1. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF
- DEVELOPMENT. . SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
- 3. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING. . STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND

SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION. U.S. DEPARTMENT OF AGRICULTURE LANDGRADING NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION **SPECIFICATIONS**

STABILIZE ENTIRE PILE WITH VEGETATION OR COVER 2 SLOPE OR LESS RISER -- STRAWBALES OR SILTFENCE SIDE SLOPE 2:1 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 SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED. 4. SEE SILT FENCE DETAIL FOR INSTALLATION OF SILTFENCE.

ORANGE

CONSTRUCTION

PROVIDE 6" GROUND STAPLES

ORANGE CONSTRUCTION FENCE

NOT TO SCALE

10' MAX. C. TO C. 60" MIN. FENCE POSTS

-60"MIN. FENCE POST

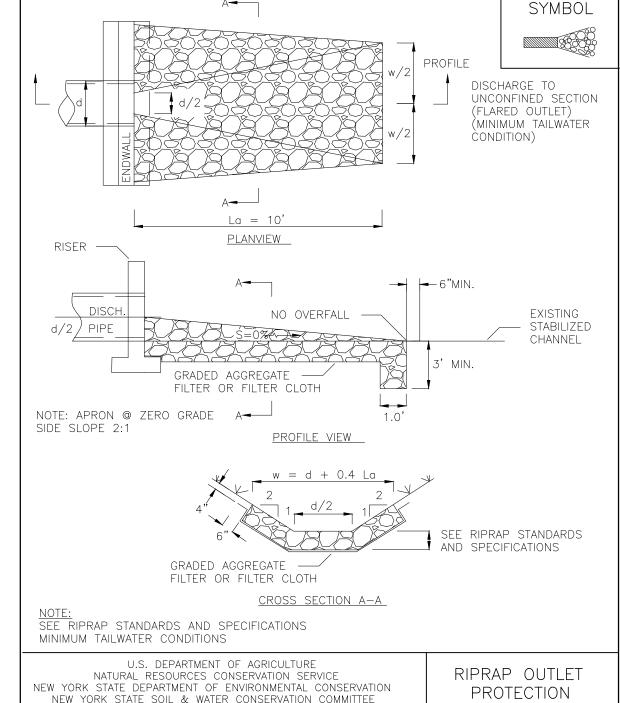
DRIVEN MIN. 12" INTO GROUND

PROVIDE 6" GROUND STAPLES

FOR SECURING FENCE

-UNDISTURBED GROUND

Soil Stockpiling



SIDE-INLET C.B. DETAIL

(NOT TO SCALE)

HEAVY-DUTY FRAME & GRATE

STRAIGHT-TYPE FRAME

PATTERN NO. 2815

~2"x2" WOODEN STAKES PLACED 10' O.C. COMPOST FILTER SOCK BLOWN/PLACED FILTER MEDIA-DISTURBED AREA WYWWW UNDISTURBED AREA EXISTING CONTOURS -1 SECTION VIEW 2 5 10 20 25 33 50 2"×2" WOODEN \∕ STAKES PLACED 10' O.C. 8" 225' 200' 100' 50' 20' - - - 12" 250' 225' 125' 65' 50' 40' 25' 18" 275' 250' 150' 70' 55' 45' 30' COMPOST FILTER SOCK <u>PLAN VIEW</u> COMPOST STANDARDS: 1. ORGANIC MATTER CONTENT: 25%-100% (DRY WEIGHT)
 32"
 450'
 325'
 275'
 150'
 120'
 75'
 50'
. ORGANIC PORTION: FIBROUS AND ELONGATED 3. pH: 6.0-8.0

	E: 100% PASSING	A 2" SCREEN AND 5.0 dS/m (mmho		A 3/8" SCREEN	
TERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MULTI-FILAMENT POLYPROPYLENE (MFPP)	HEAVY-DUTY MULTI-FILAMENT POLYPROPYLENE (HDMFPP)
MATERIAL RACTERISTIC	РНОТО-	РНОТО-	BIO-	PHOTODEGRADABLE	PHOTODEGRADABLE
SOCK DIAMETER	12"/18"	12"/18"/24"/32"	12"/18"/24"/32"	12"/18"/24"/32"	12"/18"/24"/32"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"
TENSILE STRENGTH	_	26 PSI	26 PSI	44 PSI	202 PSI
TRAVIOLET STABILITY CORIGINAL TRENGTH)	23% @ 1,000 HOURS	23% @ 1,000 HOURS	-	100% @ 1,000 HOURS	100% @ 1,000 HOURS
MINIMUM JNCTIONAL ONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL

(2) 2"x2"x48" HARDWOOD STAKES, WRAPPED TOGETHER WITH 16 GA WIRE, 10' O.C.

2"x2"x36" HARDWOOD STAKE, 10' O.C. STARTING 5' FROM ANGLED STAKES

/ _REMOVE BRUSH & WOODY DEBRIS

-BLOWN/PLACED FILTER MEDIA

<u>Plan view</u>

1. SOCK FABRIC MATERIAL AND COMPOST SHALL MEET THE STANDARDS LISTED IN THE COMPOST FILTER

2. COMPOST SOCK SEDIMENT TRAPS SHALL NOT EXCEED THREE SOCKS IN HEIGHT AND SHALL BE

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 OF STORAGE CAPACITY WITH 12

4. THE MAXIMUM TRIBUTARY DRAINAGE AREA IS 5.0 ACRES. SINCE COMPOST SOCKS ARE

STACKED IN PYRAMIDAL FORM AS SHOWN ABOVE. MINIMUM TRAP HEIGHT IS ONE 24" DIAMETER

SOCK. ADDITIONAL STORAGE MAY BE PROVIDED BY MEANS OF AN EXCAVATED SUMP 12" DEEP

INCHES OF FREEBOARD FOR EACH TRIBUTARY DRAINAGE ACREAGE. (SEE MANUFACTURER FOR

5. COMPOST SOCK SEDIMENT TRAPS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT.

COMPOST FILTER SOCK

ST-III

PVL STA: 12+50.00

PVI ELEV: 972.80

SEDIMENT TRAP

6. PHOTODEGRADABLE AND BIODEGRADABLE SOCKS SHALL NOT BE USED MORE THAN 1 YEAR.

FIRE: MILLBROOK FIRE DEPARTMENT IN THE TOWN OF WASHINGTON FIRE PROTECTION DISTRICT COMPOST FILTER SOCK AMBULANCE: MILLBROOK RESCUE SQUAD IN THE TOWN OF WASHINGTON FIRE PROTECTION DIST.

MAP NOTES

. Property line bearings and distances shown hereon are taken from "Map of Survey for The Lands of Jesse Derris & Jordana Kier..." prepared by Robert V. Oswald, LS, dated March 9, 2021.

SITE DATA

ZONING DISTRICT: RS-10: RURAL RESIDENTIAL

TAX MAP NO: 135889-6767-00-906050

PROPOSED USE: SINGLE-FAMILY DWELLING

SCHOOL DISTRICT: MILLBROOK CENTRAL S.D.

LOT AREA: 45.3 ACRES

SUBDIVISION PLAT: N/A

SCALE: 1" = 2000

LOCATION MAP

2. The area, meridian, distances and coordinate values shown hereon refer to the New York Coordinate System, East Zone (NAD 83), expressed in feet. The distances shown on this map are grid distances. They have been scaled by a grid factor (scale factor x sea level factor) of 0.99991616. To obtain ground distances divide

the distances on this map by the grid factor. To obtain ground

- area divide the area on this map by the square of the grid factor. 3. The topographic data in the area of the proposed house and septic system shown hereon is as shown on that certain map
- entitled "Topographic Survey prepared for Jesse Derris...." prepared by Badey & Watson, Surveying and Engineering P.C. Dated February 18, 2020, revised March 10, 2020.
- 4. The balance of the topographic data is from the NYS GIS Clearing House Download. The 2-ft Dutchess County contours were created using the USCS 3 County 2014 LiDAR Collection

SOILS LEGEND

Map Symbol	Hydrologic Group	Soil Name
DwD	B/D	DUTCHESS—CARDIGAN complex, hilly, rocky
GsB	C	GEORGIA silt loam, 3 to 8 % slopes
Pc	A/D	PALMS muck
SkC	С	STOCKBRIDGE silt loam, 8 to 15 % slopes

Soils classifications and delineated lines have been derived from U.S. Department of Agriculture, Soil Conservation Service "Soil Survey of Dutchess County, New York"

Su | D | SUN silt loam

REVISIONS DESCRIPTION

10/22/20 | ORIGINAL DRAWING

01/13/21 | HOUSE FOOTPRINT, BASEMENT SERVICE, DECREASE BEDROOM COUNT, ELIM. DOSE

03/23/21 | ADDRESS D.C.D.H. COMMENTS OF 12/2/20 & 2/23/21, DEVELOP RESIDENTIAL SITE PLAN 04/20/21 | ADD STATE & FEDERAL WETLANDS, UPDATE

PLAN WITH NEW SURVEY

- HDPE FLARED END SECTION ROCK OUTLET PROTECTION / N.Y.S.D.O.T. LIGHT STONE FIL

PVI STA: 9+25.00

PVI ELEV: 970.75

STAKING DETAIL

SPECIFICATIONS:

ANTICIPATED SETTLEMENT.

"FLOW-THROUGH", NO SPILLWAY IS REQUIRED.

NEW YORK STATE STANDARDS

AND SPECIFICATIONS FOR

EROSION AND SEDIMENT CONTROL

12" DIAMETER SOCK ─/ /

24" DIAMETER SOCK

SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/3 OF THE SOCKS

PVI ELEV: 975.88

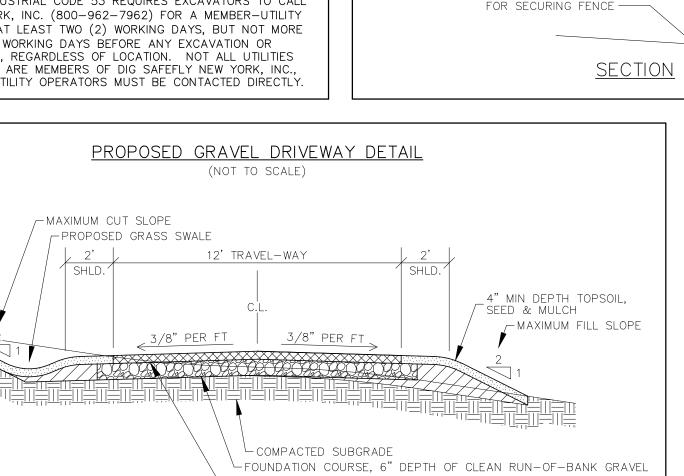
K: 20.00

LVC: 100.00

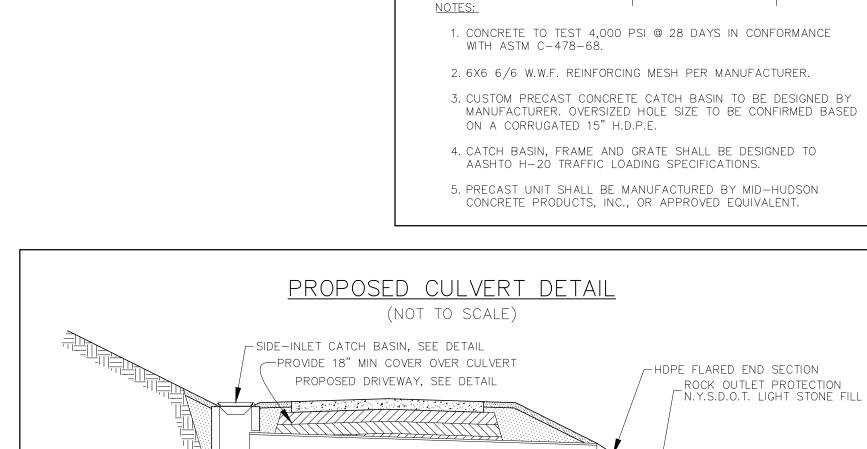
18" DIAMETER SOCK

PROPOSED GRASS SWALE DETAIL (NOT TO SCALE) PROPOSED FINISHED GRADE -4" TOPSOIL, SEED & MULCH - SURGRADE -ROLLED EROSION CONTROL BLANKET

UNDERGROUND WARNING - NYS CODE RULE 753 NEW YORK STATE INDUSTRIAL CODE 53 REQUIRES EXCAVATORS TO CALL DIG SAFELY NEW YORK, INC. (800-962-7962) FOR A MEMBER-UTILITY LOCATION REQUEST AT LEAST TWO (2) WORKING DAYS, BUT NOT MORE THAN TEN (10) WORKING DAYS BEFORE ANY EXCAVATION OR DEMOLITION STARTS, REGARDLESS OF LOCATION. NOT ALL UTILITIES AND MUNICIPALITIES ARE MEMBERS OF DIG SAFEFLY NEW YORK, INC. AND NON-MEMBER UTILITY OPERATORS MUST BE CONTACTED DIRECTLY.



FINAL COURSE, 4" DEPTH OF ITEM 4,



└3" PEA GRAVEL BEDDING └-12" DUAL-WALL HDPE PIPE @ 2% PITCH NON-WOVEN FILTER FABRIC -PATCH OPENING WITH NON-SHRINK GROUT

WARNING STAMP

ALTERATION OF THIS DOCUMENT, IN ANY WAY, BY ANY PERSON NOT UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, AS APPROPRIATE, IS A VIOLATION OF THE EDUCATION LAW OF THE STATE OF NEW YORK

PROJECT LOCATION 692-696 BANGALL ROAD, MILLBROOK TOWN OF WASHINGTON COUNTY OF DUTCHESS

STATE OF NEW YORK PROJECT DESCRIPTION

NEW CONSTRUCTION OF SINGLE-FAMILY RESIDENCE TO BE SERVED BY NEW INDIVIDUAL PRIVATE SEPTIC & WELL. THIS RESIDENCE SHALL BE THE PRIMARY HOME AND THE EXISTING

PREPARED FOR JESSE DERRIS & JORDANA KIER 9 WEST 20TH STREET - UNIT #11

RESIDENCE SHALL BE THE GUEST HOUSE

CONSTRUCTION NOTES & DETAILS

STORMWATER POLLUTION PREVENTION PLAN (BASIC)

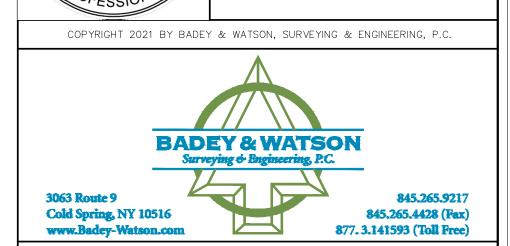


NEW YORK, NY 10011

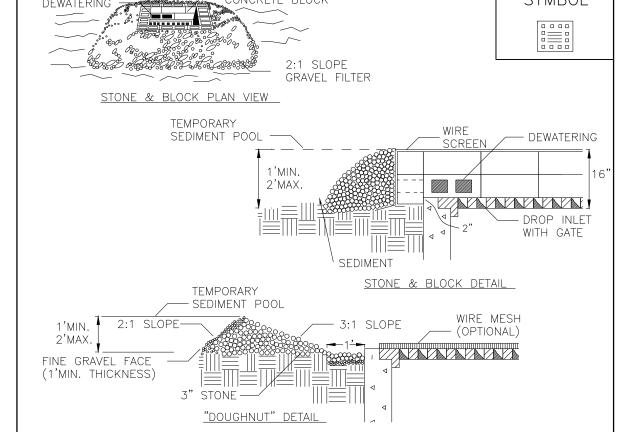
930

BADEY & WATSON

Surveying & Engineering, P.C.



SHEET 3 OF



CONSTRUCTION SPECIFICATIONS I. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT. 2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS 3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER. 4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

PROTECTION

DROP INLET

STONE & BLOCK

SYMBOL

K: 12.50 990 HIGH PT ELE|V: 975.28 LOW PT ELEV: 973.05 PROPOSED FINISHED DRIVEWAY GRADE --IPVL-STA: 5+80100 PVI ELEV: 946.60 K: 20.00 EXISTING GRAVEL DRIVEWAY TO REMAIN - APPROXIMATELY 450' MAXIMUM ALLOWABLE DRIVEWAY GRADE OF 12%-Existing Grade — PROPOSED 12" DUAL WALL H.D.P.E. CULVERT WITH FLARED END SECTION AND RIP-RAP APRON 900 ----

FILE NO. 20-107

0+00 0+50 1+00 1+50 2+00 2+50 3+00 3+50 4+00 4+50 5+50 6+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 12+98PROPOSED GRAVEL DRIVEWAY CENTERLINE PROFILE SCALE: V:1"=10 H:1"=50