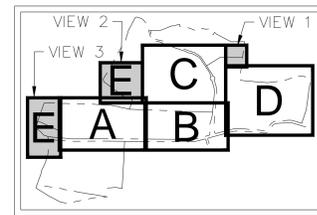


TABLE OF SOIL RESTORATION REQUIREMENTS		
TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENTS	COMMENTS/EXAMPLES
NO SOIL DISTURBANCE	RESTORATION NOT PERMITTED	PRESERVATION OF NATURAL FEATURES
MINIMAL SOIL DISTURBANCE	RESTORATION NOT REQUIRED	CLEARING AND GRUBBING
AREAS WHERE TOPSOIL IS STRIPPED ONLY (NO CHANGE IN GRADE)	HSG A/B APPLY 5 BUCKETS OF TOPSOIL	PROTECT AREA FROM ANY ONGOING CONSTRUCTION ACTIVITIES
AREAS OF CUT OR FILL	HSG A/B APPLY 5 BUCKETS OF TOPSOIL	CLEARING AND GRUBBING
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY IN A ZONE 5 TO 25 FEET AROUND FOUNDATION WALLS)	APPLY FULL SOIL RESTORATION (DECOMPACTION AND COMPOST ENHANCEMENT)	
AREAS WHERE RUNOFF REDUCTION AND/OR FILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES	KEEP CONSTRUCTION EQUIPMENT FROM CROSSING THESE AREAS TO PROTECT NESTING MATERIALS
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING INFRASTRUCTURE WILL BE CONSIDERED TO REMAIN	

- TABLE OF SOIL RESTORATION REQUIREMENTS NOTES:
1. AERATION INCLUDES THE USE OF MACHINES SUCH AS TRACTOR-DRAWN IMPLEMENTS WITH COLLATER MAKING A NARROW SLIT IN THE SOIL, A ROLLER WITH MANY SPIKES MAKING INDENTATIONS IN THE SOIL, OR FRONTS WHICH FUNCTION LIKE A MINI-DISKLER.
 2. PER "DEEP RIPPING AND DE-COMPACTION, NYSDC 2008."
 3. ALL EXPOSED SLOPES AND GRADED/DISTURBED AREAS, THAT WILL NOT BE FURTHER DISTURBED WITHIN 14 CALENDAR DAYS (7 DAYS FOR CONSTRUCTION SITES THAT EITHER DIRECTLY DISCHARGE TO ONE OF THE 303(G) SEGMENTS LISTED IN APPENDIX E OF THE GENERAL PERMIT OR ARE LOCATED WITHIN ONE OF THE WATERSHEDS LISTED IN APPENDIX C OF THE GENERAL PERMIT), SHALL BE TEMPORARILY SEEDED WITHIN 24 HOURS OF DISTURBANCE, IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDC) EROSION AND SEDIMENT CONTROL GUIDELINES AND THE ANSI A300 "BEST MANAGEMENT PRACTICES FOR TREE AND SHRUB PLANTING, TRANSPLANTING, MAINTENANCE AND CARE," PREPARED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA), LATEST EDITIONS, AS FOLLOWS:
 - A. SEED MIXTURE AND RATE OF APPLICATION:
 - A.1. IN SPRING, SUMMER OR EARLY FALL, SEED THE AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 POUNDS PER ACRE (APPROXIMATELY 0.7 POUNDS/1000 SQUARE FEET OR USE 1 POUND/1000 SQUARE FEET).
 - A.2. IN LATE FALL OR EARLY WINTER, SEED THE AREA WITH CERTIFIED "WOODSTOCK" WINTER RYE (LOCAL RYE) AT 100 POUNDS PER ACRE (2.5 POUNDS/1000 SQUARE FEET).
 - B. APPLICATION SHALL BE UNIFORM BY MECHANICAL OR HYDROSEED METHODS.
 - C. MULCH ALL SEEDING AREAS WITH STRAW AT A RATE OF 3 TONS PER ACRE (90 POUNDS PER 1,000 SQUARE FEET) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
 4. ALL SEEDING AREAS SHALL BE FERTILIZED, RESEEDED, AND MULCHED AS NECESSARY TO MAINTAIN VIGOROUS, DENSE, VEGETATIVE COVER.
 5. TEMPORARY SEED MIXTURES SHALL NOT BE PLACED ON AREAS WHERE FINAL GRADE HAS BEEN ESTABLISHED AND TOPSOIL HAS BEEN PLACED UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
 6. SEQUENCE OF CONSTRUCTION IS DEPICTED ON DRAWING C-421.
 7. VEGETATIVE WASTE FROM INVASIVE SPECIES SHALL BE GROUND AND CHIPPED TO BE COMPOSTED AT AN OFF-SITE LOCATION. THE COMPOSTING PROCESS INVOLVES HIGH TEMPERATURES, WHICH WILL SEEDS AND ROOT STOCK OF INVASIVE SPECIES. THEREFORE THE COMPOSTING AREA SHALL BE SEGREGATED FROM OTHER PROCESSING AREAS TO AVOID CONTAMINATION AND LOCATED OFF-SITE. NO HERBICIDES SHALL BE APPLIED TO THE VEGETATION PRIOR TO REMOVAL, AS HERBICIDE RESIDUE CAN CONTAMINATE THE COMPOSTED MATERIAL, AS WELL AS LEACHING INTO AREAS SURROUNDING THE PROCESSING SITE AND STOCKPILE AREAS.
 8. APPROXIMATELY 13.9 ACRES OF WOODLAND AREA WILL BE CLEARED.

LEGEND	
	PROPOSED INLET PROTECTION
	PROPOSED SILT FENCE
	PROPOSED DOUBLE ROW OF SILT FENCE
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED CONSTRUCTION FENCE
	PROPOSED STABILIZED CONSTRUCTION ACCESS
	PROPOSED STOCKPILE AREA
	PROPOSED STAGING AREA
	PROPOSED TEMPORARY SWALE
	PROPOSED TEMPORARY SEDIMENT BASIN
	TEMPORARY RISE & ANTI-VORTEX DEVICE
	EXISTING FEATURE TO BE REMOVED



KEY MAP
SCALE: 1" = 1,500'

Date	Description	No.
12/16/2022	REV. PER WATERSHED INSPECTOR GENERAL COMMENTS	5
12/05/2022	REV. SITE GRADING	4
10/14/2022	REV. FOR NYDCP SUBMISSION	3
03/25/2022	REV. PER TOWN COMMENTS	2



LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, P.C.
One North Broadway, Suite 910
White Plains, NY 10601
T: 914.323.7400 F: 914.323.7401 www.langan.com

Project: LINCOLN LOGISTICS BREWSTER
Town of SouthEast
Putnam County
New York

Drawing Title: EROSION & SEDIMENT CONTROL PLAN E (5 OF 5)

Project No.: 190065201
Date: 1/28/2022
Drawn By: JMSK
Checked By: CZMF
Sheet 53 of 97