TABLE OF SOIL RESTORATION REQUIREMENTS

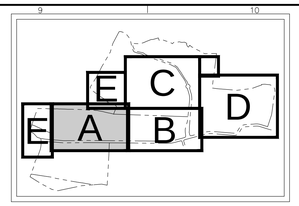
TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENTS		COMMENTS/EXAMPLES
NO SOIL DISTURBANCE	RESTORATION NOT PERMITTED		PRESERVATION OF NATURAL FEATURES
MINIMAL SOIL DISTURBANCE	RESTORATION NOT REQUIRED		CLEARING AND GRUBBING
AREAS WHERE TOPSOIL IS STRIPPED ONLY (NO CHANGE IN GRADE)	HSG A&B	HSG C&D	PROTECT AREA FROM ANY ONGOING CONSTRUCTION ACTIVITIES
	APPLY 6 INCHES OF TOPSOIL	AERATE AND APPLY 6 INCHES OF TOPSOIL	
AREAS OF CUT OR FILL	HSG A&B	HSG C&D	CLEARING AND GRUBBING
	AERATE AND APPLY 6 INCHES OF TOPSOIL	APPLY FULL SOIL RESTORATION	
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY IN A ZONE 5 TO 25 FEET AROUND BUILDINGS BUT NOT WITHIN A 5-FOOT PERIMETER AROUND FOUNDATION WALLS)	APPLY FULL SOIL RESTORATION (DECOMPACTION AND COMPOST ENHANCEMENT)		
AREAS WHERE RUNNOFF REDUCTION AND/OR INFILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, BUT MAY BE APPLIED TO ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES		KEEP CONSTRUCTION EQUIPMENT FROM CROSSING THESE AREAS UTO PROTECT NEWLY INSTALLED PRACTICE FROM ANY ONGOING CONSTRUCTION ACTIVITIES (CONSTRUCT A SINGLE PHASE OPERATION FENCE AREA)
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS COVER IS NOT COVERED TO PERVIOUS AREA		

TABLE OF SOIL RESTORATION REQUIREMENTS NOTES:

1. AERATION INCLUDES THE USE OF MACHINES SUCH AS TRACTOR-DRAWN IMPLEMENTS WITH COULTER MAKING A NARROW SLIT IN THE SOIL, A ROLLER WITH MANY SPIKES MAKING INDENTATIONS IN THE SOIL, OR PRONGS WHICH FUNCTION LIKE A MINI-SUBSOILER.
2. PER "DEEP RIPPING AND DE-COMPACTION, NYSDEC 2008."

NOTES:

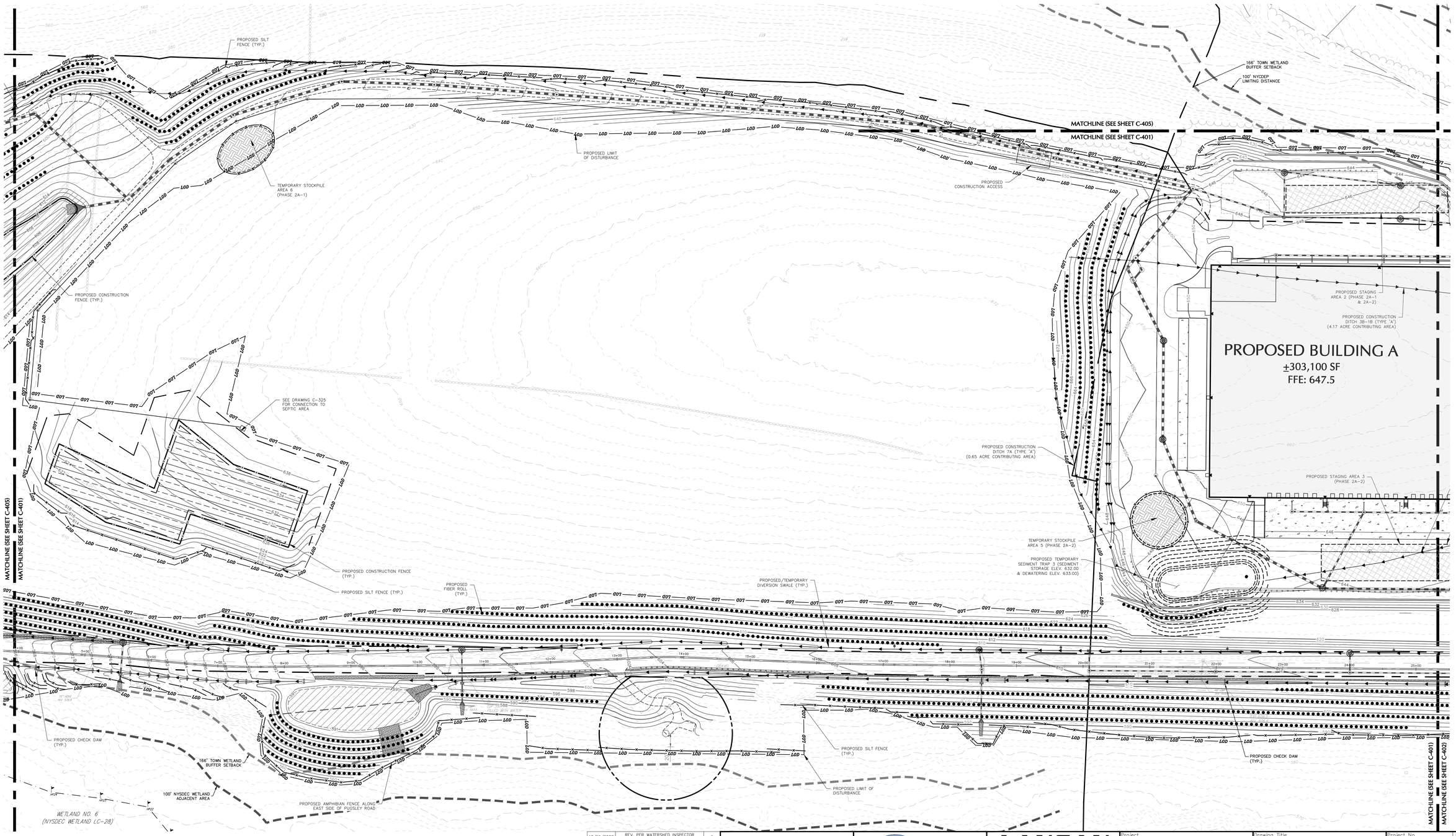
1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEYS PREPARED BY BADEY & WATSON, SURVEYING AND ENGINEERING, P.C.
2. THIS PLAN IS FOR TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION ONLY.
3. PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE PLANS AND SPECIFICATIONS. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED. FINAL STABILIZATION OF LANDSCAPED AREAS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE PLAN.
4. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ON-SITE EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS. ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY AS REQUIRED TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE RESPREAD ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNERS REPRESENTATIVE.
5. THE QUALIFIED INSPECTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, AFTER EACH RAINSTORM, AND AS MAY BE REQUIRED OR DIRECTED BY ALL APPLICABLE APPROVALS AND PERMITS. THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS IN ACCORDANCE WITH NY GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (GP-0-015-002) TO ALL AUTHORITIES HAVING JURISDICTION AND MAKE REPAIRS AS REQUIRED OR DIRECTED. SINCE MORE THAN 5 ACRES WILL BE OPEN AT ONE TIME, THIS REQUIRES 2 INSPECTIONS PER WEEK, SEPARATED BY 2 DAYS.
6. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/WARRANTED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNERS REPRESENTATIVE, AMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
7. STOCKPILING OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNERS REPRESENTATIVE. STOCKPILED EXCAVATED MATERIAL SHALL HAVE TWO ROWS OF SILT FENCE LOCATED AROUND ITS PERIMETER. ALL STOCKPILED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPEDE ON PEDESTRIAN AND/OR VEHICULAR TRAFFIC CIRCULATION ROUTES.
8. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNERS REPRESENTATIVE.
9. 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(d) 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 (NYSDEC) "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 ACRES (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 "AROOSTOOK" WINTER RYE (CEREAL 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 SEEDED AREAS WITH STRAW AT A RATE OF 2 TONS PER ACRE (90 POUNDS PER 1,000 SQUARE FEET) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
10. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED, AND MULCHED AS NECESSARY TO MAINTAIN VIGOROUS, DENSE VEGETATIVE COVER.
11. 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.
12. SEQUENCE OF CONSTRUCTION IS DEPICTED ON DRAWING C-421.
13. 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 KILL SEEDS AND ROOT STOCK OF INVASIVE SPECIES, THEREFORE THE COMPOSTING AREA SHALL BE SEGREGATED FROM OTHER PROCESSING AREAS TO AVOID CROSS-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.
14. APPROXIMATELY 13.9 ACRES OF WOODLAND AREA WILL BE CLEARED.



KEY MAP
SCALE: 1" = 1,500'

LEGEND

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



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 NYCDEP SUBMISSION	3
03/25/2022	REV. PER TOWN COMMENTS	2

Revisions

50 0 25 50
SCALE IN FEET

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STATE OF NEW YORK · MICHAEL J. FINN · 081473 · LICENSED PROFESSIONAL ENGINEER

Sign 12/16/2022 Date

MICHAEL J. FINN, PE, LEED-AP
PROFESSIONAL ENGINEER NY Lic. No. 081473

LANGAN
Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.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: SOIL EROSION & SEDIMENT CONTROL PLAN A (1 OF 5)

Project No. 190065201
Date 1/28/2022
Drawn By JM/SK
Checked By CZ/MF

Drawing No. C-401
Sheet 49 of 97

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