

DESCRIPTION	DATE	BY
PLANNING AND ZONING SUBMISSION	7/17/2020	AWG
LAYOUT REVISIONS	9/22/2020	AWG

SEDIMENT AND EROSION CONTROL PLAN
PROPOSED MULTI-FAMILY DEVELOPMENT
 823, 833 AND 0 DEMING ROAD (ROUTE 160)
 BERLIN, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: JUNE 22, 2020		
PROJECT NO: 3571-40		
SHEET NO: 05 OF 10		
SE-1		

SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002, TOWN OF BERLIN STANDARDS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

1. PURPOSE AND DESCRIPTION OF PROJECT
 A.) CONSTRUCTION OF A MULTI-FAMILY DEVELOPMENT.
 B.) DISTURBED AREA: ±6.9 AC.

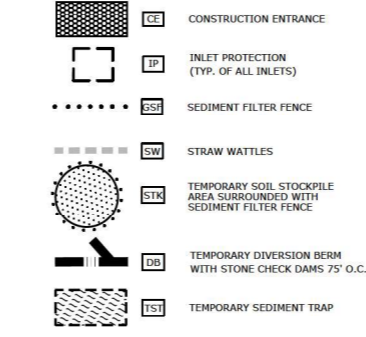
2. IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS
 A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.
 B.) PROTECTION OF ONSITE WETLANDS.

3. IDENTIFICATION OF OTHER POSSIBLE PERMITS
 THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS, AND PLANNING AND ZONING PERMITS, AND DEPARTMENT OF ENVIRONMENTAL PROTECTION STORMWATER GENERAL PERMIT.

**EROSION CONTROL NOTES
 CONTRACTOR RESPONSIBILITIES**

1. SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.
2. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE TOWN'S DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS
3. INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPLETION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
4. ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.
5. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
6. A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
7. ALL CATCH BASIN SUMPS SHOULD BE INSPECTED AFTER CONSTRUCTION COMPLETION AND SEDIMENT REMOVED. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED LOCATION.

EROSION CONTROL LEGEND



TURTLE MANAGEMENT PLAN

EASTERN BOX TURTLE: EASTERN BOX TURTLES INHABIT OLD FIELDS AND DECIDUOUS FORESTS, WHICH CAN INCLUDE POWER LINES AND LOGGED WOODLANDS. THEY ARE OFTEN FOUND NEAR SMALL STREAMS AND PONDS. SOME TURTLES MAY BE KILLED DIRECTLY BY CONSTRUCTION ACTIVITIES, BUT MANY MORE ARE LOST WHEN IMPORTANT HABITAT AREAS FOR SHELTER, FEEDING, HIBERNATION, OR NESTING ARE DESTROYED.

RECOMMENDED PROTECTION STRATEGIES FOR TURTLES

- HIRE A HERPETOLOGIST TO ENSURE PROTECTION GUIDELINES REMAIN IN EFFECT THROUGH CONSTRUCTION.
- WORK SHOULD NORMALLY OCCUR WHEN TURTLES ARE ACTIVE (APRIL 1ST TO OCTOBER 30TH).
- WORKERS WILL BE APPRISED OF THE POSSIBLE PRESENCE OF TURTLES, AND WILL BE PROVIDED WITH A DESCRIPTION OF THE EASTERN BOX TURTLE.
- UTILIZE EXCLUSIONARY FENCING TO PREVENT TURTLE ACCESS INTO CONSTRUCTION AREAS.
- EXCLUSIONARY FENCING MUST BE AT LEAST 20 INCHES TALL AND BE SECURED TO AND REMAIN IN CONTACT WITH THE GROUND AND BE REGULARLY MAINTAINED (A MINIMUM OF BI-WEEKLY OR AFTER MAJOR WEATHER EVENTS). NO PLASTIC OR NETTED FENCINGS ARE TO BE USED.
- AFTER EXCLUSIONARY FENCING IS INSTALLED AND PRIOR TO CONSTRUCTION, THE HERPETOLOGIST WILL INSPECT THE ENCLOSED WORK AREA FOR TURTLES AND OTHER WILDLIFE.
- ONCE CONSTRUCTION IS UNDERWAY, THE CONTRACTOR WILL SEARCH THE WORK AREA EACH MORNING PRIOR TO BEGINNING WORK.
- ANY TURTLE THAT IS DISCOVERED DURING SWEEPS OR DURING CONSTRUCTION WILL BE MOVED, UNHARMED, TO AN AREA IMMEDIATELY OUTSIDE OF THE FENCED AREA, AND POSITIONED IN THE SAME DIRECTION THAT IT WAS TRAVELING. EXCLUSIONARY FENCING WILL BE INSPECTED TO DETERMINE HOW THE TURTLE MAY HAVE ENTERED THE WORK AREA.
- ALL STAGING AND STORAGE AREAS, OUTSIDE OF PREVIOUSLY PAVED AREAS, MUST BE ROUTINELY INSPECTED TO REMOVE INDIVIDUALS AND EXCLUDE THEM FROM RE-ENTRY.
- ANY CONFIRMED SIGHTINGS OF BOX, WOOD, OR SPOTTED TURTLES WILL BE REPORTED AND DOCUMENTED WITH NDDB.
- ALL EXCLUSIONARY FENCING WILL BE REMOVED AFTER WORK IS COMPLETED AND SOILS ARE STABLE SO THAT REPTILE AND AMPHIBIAN MOVEMENT BETWEEN UPLANDS AND WETLANDS IS NOT RESTRICTED.
- ENCROACHMENTS BEYOND PERMITTED LIMIT OF DISTURBANCE ARE PROHIBITED.