

NDDB PROTECTION STRATEGIES FOR EASTERN BOX TURTLES, WOOD TURTLES & EASTERN RIBBON SNAKES:

1. A QUALIFIED HERPETOLOGIST SHALL SURVEY/SWEEP THE AREAS ALONG THE LIMITS OF DISTURBANCE PRIOR TO ANY CONSTRUCTION. THIS SHALL OCCUR IMMEDIATELY PRIOR TO (WITHIN 24 HOURS) THEN IMMEDIATELY FOLLOWING THE INSTALLATION OF THE EROSION AND SEDIMENTATION CONTROL BARRIER, IF THIS WORK IS TO BE CONDUCTED FROM MID-APRIL TO MID-JUNE WHEN TURTLES (IF PRESENT) ARE MOST ACTIVE.
2. HIRING A QUALIFIED HERPETOLOGIST TO BE ON SITE TO ENSURE THESE PROTECTION GUIDELINES REMAIN IN EFFECT AND PREVENT TURTLES AND SNAKES FROM BEING RUN OVER WHEN MOVING HEAVY EQUIPMENT. THIS IS ESPECIALLY IMPORTANT IN THE MONTH OF JUNE WHEN TURTLES ARE SELECTING NESTING SITES.
3. EXCLUSIONARY PRACTICES WILL BE REQUIRED TO PREVENT ANY TURTLE OR SNAKE ACCESS INTO CONSTRUCTION AREAS. THESE MEASURES WILL NEED TO BE INSTALLED AT THE LIMITS OF DISTURBANCE.
4. EXCLUSIONARY FENCING MUST BE AT LEAST 20 IN TALL AND MUST BE SECURED TO AND REMAIN IN CONTACT WITH THE GROUND AND BE REGULARLY MAINTAINED (AT LEAST BI-WEEKLY AND AFTER MAJOR WEATHER EVENTS) TO SECURE ANY GAPS OR OPENINGS AT GROUND LEVEL THAT MAY LET ANIMAL PASS THROUGH. DO NOT USE PLASTIC WEB OR NETTED SILT-FENCE.
5. ALL STAGING AND STORAGE AREAS, OUTSIDE OF PREVIOUSLY PAVED LOCATIONS, REGARDLESS OF THE DURATION OF TIME THEY WILL BE UTILIZED, MUST BE REVIEWED TO REMOVE INDIVIDUALS AND EXCLUDE THEM FROM RE-ENTRY.
6. ALL CONSTRUCTION PERSONNEL WORKING WITHIN THE TURTLE OR SNAKE HABITAT MUST BE APPRISED OF THE SPECIES DESCRIPTION AND THE POSSIBLE PRESENCE OF A LISTED SPECIES, AND INSTRUCTED TO RELOCATE TURTLES OR SNAKES FOUND INSIDE WORK AREAS OR NOTIFY THE APPROPRIATE AUTHORITIES TO RELOCATE INDIVIDUALS.
7. ANY TURTLES OR SNAKES ENCOUNTERED WITHIN THE IMMEDIATE WORK AREA SHALL BE CAREFULLY MOVED TO AN ADJACENT AREA OUTSIDE OF THE EXCLUDED AREA AND FENCING SHOULD BE INSPECTED TO IDENTIFY AND REMOVE ACCESS POINT.
8. IN AREAS WHERE SILT FENCE IS USED FOR EXCLUSION, IT SHALL BE REMOVED AS SOON AS THE AREA IS STABLE TO ALLOW FOR REPTILE PASSAGE TO RESUME.
9. NO HEAVY MACHINERY OR VEHICLES MAY BE PARKED IN ANY TURTLE HABITAT.
10. AVOID DEGRADATION OF WETLAND HABITATS INCLUDING ANY WET MEADOWS AND SEASONAL POOLS.
11. THE CONTRACTOR OR CONSULTING HERPETOLOGIST MUST SEARCH THE WORK AREA EACH MORNING PRIOR TO ANY WORK BEING DONE.
12. WHEN FELLING TREES ADJACENT TO BROOKS AND STREAMS PLEASE CUT THEM TO FALL AWAY FROM THE WATERWAY AND DO NOT DRAG TREES ACROSS THE WATERWAY OR REMOVE STUMPS FROM BANKS.
13. AVOID AND LIMIT ANY EQUIPMENT USE WITHIN 50 FEET OF STREAMS AND BROOKS.
14. ANY CONFIRMED SIGHTINGS OF BOX OR WOOD TURTLES OR RIBBON SNAKES SHOULD BE REPORTED AND DOCUMENTED WITH THE NDDB (NDDBREQUESTOPEP&CT.GOV) ON THE APPROPRIATE SPECIAL ANIMAL FORM FOUND AT (HTTP://WWW.CT.GOV/DEEP/CWP/VIEW.ASP?A=2702&Q=323460&DEPNV_GID=1641)

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" AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

1. PURPOSE AND DESCRIPTION OF PROJECT
 - 1.1. PROPOSED MULTIFAMILY DEVELOPMENT WITH ACCESS DRIVES, GUEST PARKING AND COMMON AREAS
 - 1.2. ESTIMATED AREA OF DISTURBANCE: ±20.6 ACRES
2. IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS
 - 2.1. CUTS AND FILLS ASSOCIATED WITH ACCESS DRIVE, WATER QUALITY BASINS, AND BUILDING CONSTRUCTION.
 - 2.2. PROTECTION OF NDDB PROTECTED SPECIES, ON AND OFF-SITE WETLANDS AND WATERCOURSES ASSOCIATED WITH THE TENMILE RIVER AND STORM DRAINAGE.
3. IDENTIFICATION OF OTHER POSSIBLE PERMITS
 - 3.1. TOWN OF CHESHIRE PLANNING & ZONING SPECIAL PERMIT.
 - 3.2. TOWN OF CHESHIRE INLAND WETLAND PERMIT.
 - 3.3. CT DEEP CONSTRUCTION STORMWATER GENERAL PERMIT.
4. CONSERVATION PRACTICES INCORPORATED INTO THE PROJECT ARE AS FOLLOWS:
 - 4.1. DETAILED CONSTRUCTION SEQUENCE - SEE TITLE SHEET
 - 4.2. DETAILED SOIL EROSION AND SEDIMENT CONTROL PLAN.
 - 4.3. MULTIPLE TEMPORARY DIVERSION BERMS AND TEMPORARY SEDIMENT TRAPS PRIOR TO DISCHARGING TO WETLANDS.
5. CONTACT PERSON
 - 5.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SOIL AND EROSION CONTROLS. A SPECIFIC INDIVIDUAL SHALL BE NAMED AT THE PRE-CONSTRUCTION MEETING.

NRCS SOIL TYPES

SOIL TYPE	DESCRIPTION
15	SCARBORO MUCK, 0 TO 3 PERCENT SLOPES
30A	BRANFORD SILT LOAM, 0 TO 5 PERCENT SLOPES
37E	MANCHESTER GRAVELLY SANDY LOAM, 15 TO 45 PERCENT SLOPES
305	UDORTHENTS-PITS COMPLEX, GRAVELLY
306	UDORTHENTS-URBAN LAND COMPLEX

LEGEND

- IP

GSF

SFHB

STK

INLET PROTECTION (ALL INLETS)

SEDIMENT FILTER FENCE

SEDIMENT FILTER FENCE AND HAYBALE

TEMPORARY SOIL STOCKPILE AREA SURROUNDED WITH SEDIMENT FILTER FENCE

CE

DB

TST

ECB

CONSTRUCTION ENTRANCE

TEMPORARY DIVERSION BERM/SWALE WITH CHECK DAMS

TEMPORARY SEDIMENT TRAP

EROSION CONTROL BLANKET
-
- SHEET NOTES
1. SEE DETAIL SHEETS FOR EROSION CONTROL MAINTENANCE INTERVALS.
 2. ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.
 3. THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
 4. A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
 5. THE PROJECT REQUIRES A CTDEEP CONSTRUCTION STORMWATER GENERAL PERMIT AND IS SUBJECT TO ALL THE REQUIREMENTS OF THAT PERMIT.
 6. ALL INLETS TO HAVE SILT SACK INLET PROTECTION UNTIL SITE IS PERMANENTLY STABILIZED.
 7. AN INSPECTION OF THE CONDITION, INTEGRITY, AND ADEQUACY OF THE SEDIMENTATION AND EROSION CONTROLS SHALL BE MADE BY A QUALIFIED PARTY ON A REGULAR BASIS, EITHER WEEKLY OR AFTER EVERY SIGNIFICANT RAINFALL OF 1/2" OR GREATER, WHICHEVER IS SOONER, UNTIL ALL DISTURBED AREAS ARE STABILIZED. SAID PARTY SHALL BE INDEPENDENT OF THE CONTRACTOR. ALL REPORTS SHALL BE SUBMITTED TO THE CONTRACTOR AND COMMISSION STAFF EITHER WITHIN THREE DAYS OF INSPECTION, OR PRIOR TO THE NEXT STORM EVENT, WHICHEVER IS SOONER. ALL BREACHES OR DEFICIENCIES SHALL BE FORWARDED TO A CONTACT INDIVIDUAL, AS DEFINED BELOW, IMMEDIATELY AFTER INSPECTION. THE COSTS OF SAID INSPECTIONS SHALL BE BORNE BY THE APPLICANT.
- | TEMPORARY SEDIMENT TRAP SIZING SUMMARY | | | | | |
|---|---------------------------|-------------------------------|-----------------------------|---------------------|----------------------|
| TRAP NUMBER | CONTRIBUTING AREA (ACRES) | STORAGE VOLUME REQUIRED (CY)* | STORAGE DEPTH REQUIRED (FT) | LENGTH X WIDTH (FT) | VOLUME PROVIDED (CY) |
| #1 | 3.35 | 449 | 3 | 105x40 | ±465 |
| #2 | 2.70 | 362 | 3 | 85x40 | ±375 |
| #3 | 1.30 | 175 | 3 | 60x30 | ±200 |
| #4 | 4.95 | 664 | 3 | 135x45 | ±675 |
| #5 | 4.50 | 603 | 3 | 75x75 | ±625 |
| #6 | 3.15 | 425 | 3 | 100x40 | ±440 |
| *134 CY STORAGE VOLUME REQUIRED PER ACRE CONTRIBUTING AREA TO TST | | | | | |
-
- | DESCRIPTION | DATE | BY |
|--------------|----------|-----|
| SHEET NOTE 7 | 8/4/2021 | VEH |
| | | |
| | | |
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| | | |
| | | |
| | | |
- SITE PLAN - EROSION & SEDIMENTATION CONTROLS
MULTIFAMILY RESIDENTIAL DEVELOPMENT
LOT 7 - STONE BRIDGE CROSSING
1481 AND DICKERMAN ROAD
CHESHIRE, CONNECTICUT
- | VEH | VEH/STN | DLO |
|--------------|---------|---------|
| DESIGNED | DRAWN | CHECKED |
| 1"=100' | | |
| MAY 17, 2021 | | |
| 15070.00006 | | |
| PROJECT NO. | | |
| 09 OF 14 | | |
| SHEET NO. | | |
| SE | | |
| SHEET NAME | | |
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