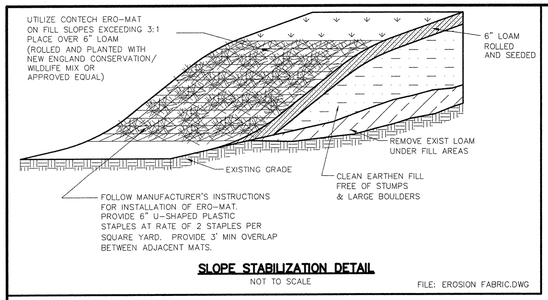


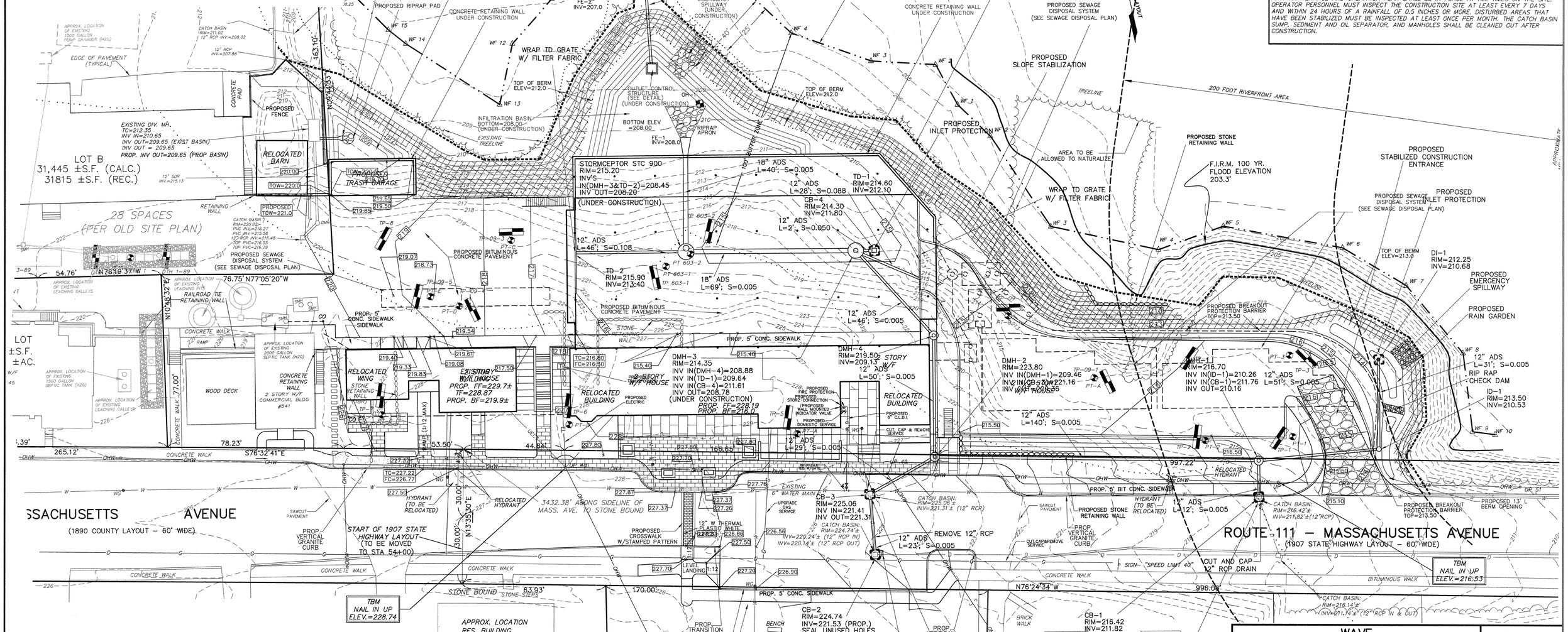
SLOPE STABILIZATION DETAIL
NOT TO SCALE
FILE: EROSION FABRIC.DWG

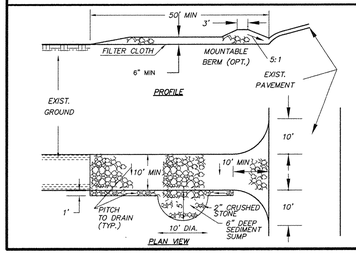
EROSION AND SEDIMENTATION CONTROL NOTES

1. ALL SOIL STOCKPILES SHALL HAVE EROSION CONTROL MEASURES AROUND THEIR PERIMETER AT ALL TIMES.
2. THE DRAINAGE SYSTEM SHALL BE CONSTRUCTED DURING THE EARLIEST STAGES OF THE PROJECT IN ORDER TO DIRECT RUNOFF FOR TREATMENT.
3. THE CATCH BASIN GRATES SHALL BE COVERED WITH SILTATION FABRIC DURING CONSTRUCTION. CATCH BASIN RIMS ARE TO BE SET AT BINDER GRADE UNTIL IT IS TIME TO APPLY THE PAVEMENT WEARING COURSE. THE CATCH BASIN SUMPS SHALL BE CLEANED FOLLOWING COMPLETION OF CONSTRUCTION AND ANNUALLY THEREAFTER. ALL CUT AND FILL SLOPES SHALL BE IMMEDIATELY COVERED WITH 4" OF LOAM AND SEEDED DURING THE GROWING SEASON (APRIL 1 TO NOVEMBER 1) OR COVERED WITH HAYMULCH DURING THE NON-GROWING SEASON (NOVEMBER 1 TO APRIL 1). SLOPES STEEPER THAN 3:1 SHALL BE LOAMED, SEEDED, ROLLED AND STABILIZED WITH "CONTECH ERO-MAT" EROSION MAT, INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
4. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL RECEIVE 4" OF LOAM AND BE SEEDED TO PREVENT EROSION.

INSPECTION/MAINTAINENCE:

5. THE DEVELOPER IS RESPONSIBLE TO CLEAN UP ANY SEDIMENT OR DEBRIS WHICH ERODES FROM THE SITE ONTO PUBLIC ROADS AND PRIVATE PROPERTY AND TO REMOVE SEDIMENT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING CATCH BASIN SUMPS, PIPE LINES, MANHOLES, AND DITCHES. THE CONTRACTOR SHALL INSTALL EROSION BARRIERS, AS NECESSARY, TO PREVENT MATERIAL FROM ERODING ONTO MASSACHUSETTS AVENUE AND SPRUCE STREET.
6. THE CONTRACTOR SHALL FOLLOW STANDARD PRACTICE AND LOAM AND SEED ALL DISTURBED AREAS FOLLOWING CONSTRUCTION.
7. A MAINTENANCE AND OPERATION PLAN SHALL BE IN PLACE AT ALL TIMES ON THE SITE. OPERATOR PERSONNEL MUST INSPECT THE CONSTRUCTION SITE AT LEAST EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE. DISTURBED AREAS THAT HAVE BEEN STABILIZED MUST BE INSPECTED AT LEAST ONCE PER MONTH. THE CATCH BASIN SUMP, SEDIMENT AND OIL SEPARATOR, AND MANHOLES SHALL BE CLEANED OUT AFTER CONSTRUCTION.

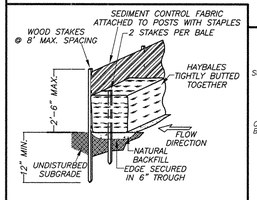




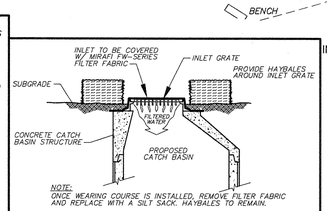
CONSTRUCTION SPECIFICATIONS

1. THE ENTRANCE OF THE PROPOSED DRIVE SHALL INITIALLY HAVE 6" OF 2" CRUSHED STONE LAID DOWN AS A TRAFFIC SEDIMENT CONTROL SURFACE AS SHOWN IN THE STABILIZED CONSTRUCTION ENTRANCE DETAIL. THIS STONE PACK SHALL BE PLACED OVER THE ROADWAY FOR A MINIMUM DISTANCE OF 50 FEET FROM THE EDGE OF PAVEMENT AND SHALL BE REMOVED AND REPLACED WITH ROADWAY GRAVEL PRIOR TO THE PLACEMENT OF PAVEMENT.
2. STONE SIZE – USE 2" CRUSHED STONE.
3. WIDTH – TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF INGRESS OR EGRESS.
4. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
5. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED NEAR CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
6. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
7. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS DONE IT SHALL BE DONE ON STABILIZED ENTRANCE WITH STONE AND WHICH DRAINS INTO THE SEDIMENT SUMP AS SHOWN.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



SILTATION BARRIER DETAIL
N.T.S.
FILE: SILT BARRIER.DWG



NOTE: ONCE WEARING COURSE IS INSTALLED, REMOVE FILTER FABRIC AND REPLACE WITH A SILT SACK. HAYBALES TO REMAIN.

INLET PROTECTION DETAIL
NOT TO SCALE

WAVE
SITE PLAN
ACTON, MASSACHUSETTS
STORMWATER POLLUTION PREVENTION SITE PLAN
FOR: ROSENFELD
SCALE: 1"=20' JULY 31, 2009

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