

SEQUENCE OF CONSTRUCTION

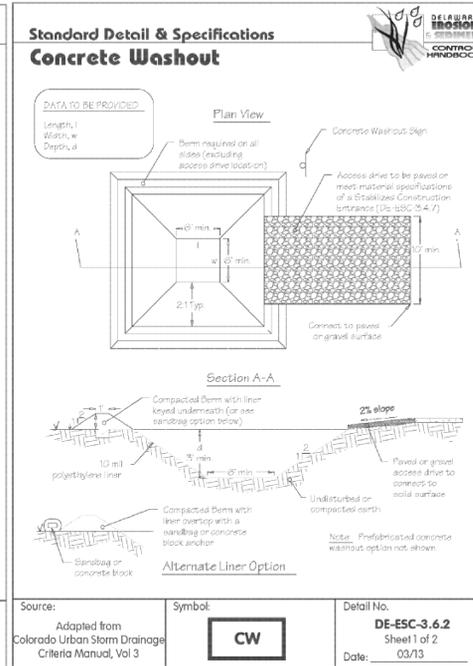
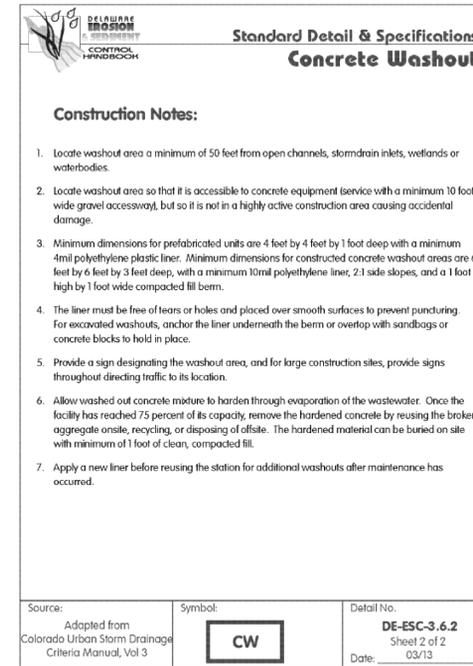
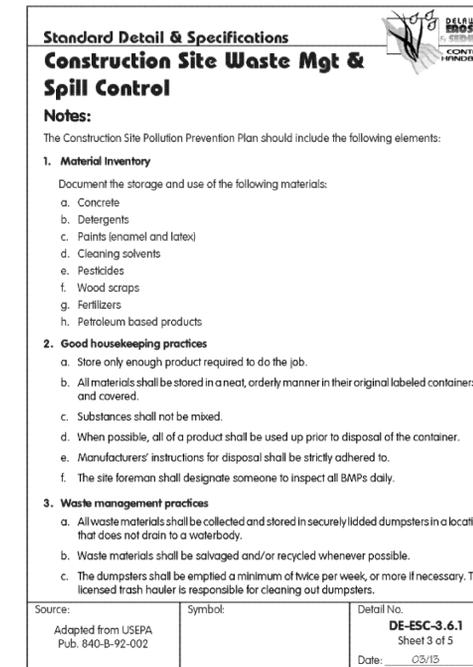
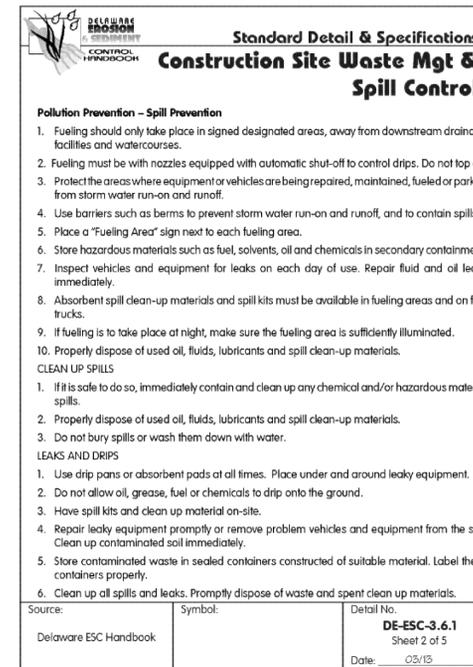
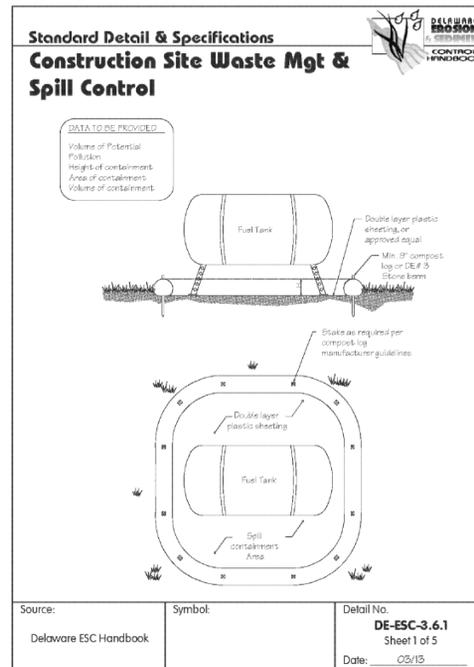
1. NOTIFY MISS UTILITY THREE (3) DAYS PRIOR TO COMMENCING CONSTRUCTION. (1-800-282-8555)
2. DNREC MUST BE NOTIFIED IN WRITING A MINIMUM OF 5 DAYS PRIOR TO COMMENCING WITH CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED SEDIMENT AND STORMWATER PLANS.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED AS PER THE APPROVED E+S PLAN.
4. INSTALL PERIMETER CONTROLS AS SHOWN ON PLANS, INCLUDING STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE AS SHOWN ON PLANS.
ONCE ALL OF THE PERIMETER CONTROLS HAVE BEEN COMPLETED, THE CONTRACTOR MUST NOTIFY DNREC THAT THE SITE IS READY FOR A PERIMETER CONTROL INSPECTION. NO FURTHER WORK ON-SITE MAY BEGIN UNTIL DNREC HAS COMPLETED AND APPROVED THIS INSPECTION.
5. THE CONTRACTOR SHALL AT ALL TIMES PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF OR WIND FROM LEAVING THE SITE. PERIMETER CONTROLS SHOULD BE CHECKED DAILY AND ADJUSTED AND/OR REPAIRED TO FULLY CONTAIN AND CONTROL SEDIMENTATION ON THE SITE. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. IN ADDITION, THE CONTRACTOR MAY NEED TO ADJUST OR REPAIR MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE AGENCY CONSTRUCTION SITE REVIEWER.
6. AFTER OBTAINING APPROVAL OF THE PERIMETER CONTROL INSPECTION, CONTRACTOR MAY NOW START UTILITY AND SITE WORK ACCORDING THE APPROVED SEDIMENT AND STORMWATER PERMIT PLANS.
7. ONCE FINAL GRADE IS ACHIEVED ANYWHERE ON-SITE THOSE AREAS MUST BE STABILIZED IMMEDIATELY WITH EITHER PERMANENT VEGETATIVE STABILIZATION OR EROSION CONTROL MATTING AS DIRECTED BY DNREC.
8. IMMEDIATELY AFTER ALL SITE CONSTRUCTION IS COMPLETED, PLACE TOPSOIL AND PERMANENT SEEDING AND MULCHING OVER ALL DISTURBED AREAS. STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION REQUIREMENTS SHOWN ON THE PLANS.
9. UPON COMPLETION OF ALL LAND DISTURBING ACTIVITIES AND ONCE ALL AREAS ARE STABILIZED AND APPROVED BY DNREC, CONTRACTOR MUST REQUEST TO DNREC FOR A RECORD PLAN COMPLIANCE INSPECTION. AFTER THIS DNREC INSPECTION IS COMPLETE AND APPROVED, EROSION AND SEDIMENT CONTROL MEASURES CAN BE REMOVED.

NOTES FOR CONSTRUCTION

1. ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING:
 - STATE OF DELAWARE SEDIMENT AND STORMWATER REGULATIONS, 2014.
 - STATE OF DELAWARE, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST REVISION.
 - STATE OF DELAWARE, DEPARTMENT OF TRANSPORTATION DETAIL STANDARDS, LAST REVISION
 IF A CONFLICT EXISTS BETWEEN STANDARDS, THE MORE STRINGENT SHALL APPLY.
2. EXISTING UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO COMMENCEMENT OF WORK. MISS UTILITY SHALL BE NOTIFIED THREE (3) WORKING DAYS PRIOR TO EXCAVATION AT 1-800-282-8555.
3. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT ALL EXISTING TREES AND SITE FEATURES. CONTRACTOR SHALL CONTACT OWNER WHEN EXCAVATING NEAR LARGE TREES. OWNER SHALL CUT ROOTS CLEANLY TO MINIMIZE DAMAGE TO TREES. OWNER SHALL PROVIDE MULCH WHERE REQUIRED AND PROVIDE FINAL GRADING AND RAKING. SHOULD ANY TREES, FENCES, OR OTHER SITE FEATURES BE DAMAGED OR DESTROYED DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR SHALL BEAR THE COST AND RESPONSIBILITY FOR REPAIR AND/OR REPLACEMENT OF THE DAMAGED ITEMS.
4. ALL CONCRETE SHALL BE 4,000 PSI, UNLESS OTHERWISE SPECIFIED.
5. ALL BACKFILL MATERIALS AND COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH DELDOT STANDARDS AND AS SHOWN ON THESE PLANS.
6. CONTRACTOR MUST ENSURE ALL SOIL IS FREE OF ALL FOREIGN MATERIALS (I.E. CONCRETE, REAR, PLASTIC, TRASH, ASPHALT, ETC.). CONTRACTOR MUST NOT PROOF-ROLL AND SHALL MINIMIZE COMPACTION OF SUB-SOILS WHERE TURF, LANDSCAPING, AND/OR OTHER AREAS NOT INTENDED FOR HARDSCAPE OR PAVING. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR OPERATE EQUIPMENT ON GRASS AREAS OUTSIDE THE FENCED CONSTRUCTION AREA.
7. MATCH PROPOSED PAVEMENT GRADES TO EXISTING WHEREVER THEY ADJOIN.
8. THE CONTRACTOR WILL PROTECT THE PUBLIC AT ALL TIMES. THE WORK AREA WILL BE PROPERLY BARRICADED OFF WITH BARRICADES, SAFETY FENCE, CAUTION TAPE, ETC. TO KEEP PEDESTRIANS OUT OF THE WORK AREA. THE WORK AREA WILL BE LEFT IN A SAFE CONDITION AT THE END OF EACH WORK DAY. FOR EACH PHASE OF CONSTRUCTION, CONTRACTOR SHALL MAINTAIN SECURE PERIMETER AROUND WORK AREA. CONTRACTOR SHALL MAINTAIN FIRE ACCESS AS SHOWN ON PLANS.
9. CONTRACTOR SHALL REIMBURSE OWNER FOR SITE RESTORATION OUTSIDE LIMITS OF DISTURBANCE IDENTIFIED ON BID DOCUMENTS.
10. CONTRACTOR SHALL COORDINATE WITH OWNER FOR ALL REQUIRED TREE PROTECTION AND SITE RESTORATION.

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. DNREC, SEDIMENT AND STORMWATER MANAGEMENT PROGRAM MUST BE NOTIFIED IN WRITING (5) FIVE DAYS PRIOR TO COMMENCING WITH CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLAN.
2. REVIEW AND/OR APPROVAL OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE SEDIMENT AND STORMWATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.
3. IF THE APPROVED PLAN NEEDS TO BE MODIFIED, ADDITIONAL SEDIMENT AND STORMWATER CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY DNREC.
4. FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND REPAIRING EROSION AND SEDIMENT CONTROL PRACTICES DURING UTILITY INSTALLATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND/OR AFTER EACH RAIN EVENT AND REPAIR AS NEEDED.
7. ALL GEOTEXTILE TO BE USED UNDER STABILIZED CONSTRUCTION ENTRANCES SHALL BE MIRAFI 600X OR APPROVED EQUAL.
8. EROSION CONTROL MATTING IS REQUIRED ON SLOPES OF 3:1 OR GREATER AND ON AREAS OF CONCENTRATED FLOW. MATTING SHALL BE IN ACCORDANCE WITH "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK" LATEST REVISION.
9. WATER SHALL BE SPRAYED ON EXPOSED SURFACES SHOULD DUST BECOME EXCESSIVE AS DETERMINED BY DNREC INSPECTOR OR STATE'S REPRESENTATIVE.
11. SOIL STOCKPILE AREAS SHALL BE SEEDED AND SURROUNDED BY SILT FENCE.
12. THE INTENT OF THESE PLANS, IS TO PREVENT SILT FROM CONTAMINATING THE STORM SEWER SYSTEM, AND ENCRoACHING ON NEIGHBORING PROPERTY AND/OR STREETS.
13. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK", LATEST REVISION.
14. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES FOUND NECESSARY TO CONTROL EROSION AND SEDIMENTATION ON THE SITE DUE TO UNFORESEEN SITUATIONS IN THE DESIGN STAGE SHALL BE INSTALLED IN ACCORDANCE WITH THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK", LATEST REVISION, AS DIRECTED BY THE DNREC INSPECTOR AND/OR THE STATE'S REPRESENTATIVE.
15. THE OBJECTIVE IS TO MINIMIZE THE EXPOSURE TIME OF THE SOIL BY INSTALLING TEMPORARY AND PERMANENT CONSERVATION MEASURES IN PROPER SEQUENCE WITH THE CONSTRUCTION.
16. TEMPORARY SEEDING AND MULCHING SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS ON THIS SHEET AND THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK" LATEST REVISION. PERMANENT SEEDING, MULCHING/STABILIZATION MATTING SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
17. ALL PERIMETER CONTROLS FOR EROSION AND SEDIMENT CONTROLS SHALL BE IN PLACE PRIOR TO ANY OTHER LAND DISTURBING ACTIVITIES.
18. A DNREC CERTIFICATION FOR RESPONSIBLE PERSONNEL IS REQUIRED FOR ANY FOREMAN OR SUPERINTENDENT WHO IS IN CHARGE OF ON-SITE CLEARING AND LAND DISTURBING ACTIVITIES FOR SEDIMENT AND STORMWATER CONTROL. A COPY OF THE CERTIFICATION IS TO BE SUBMITTED TO THE DNREC AND STATE'S REPRESENTATIVE PRIOR TO CONSTRUCTION. DNREC AND DNREC PERSONNEL SHALL HAVE THE RIGHT TO CONDUCT ON-SITE INSPECTIONS.
19. THE CONTRACTOR SHALL INSPECT SILT FENCE DAILY AND MAKE ALL REQUIRED REPAIRS IMMEDIATELY.
20. VOLUME OF SPOIL AND/OR BORROW MATERIAL = 0± NET CY (GENERALLY BALANCED SITE)



REVISION

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CHECKED BY:	CD
PROJECT No.:	15.130.00
SCALE:	AS SHOWN
DATE:	JANUARY 22, 2015
CAD FILE:	...LDWG1513000 BASE.DWG

PAVING REHABILITATION PLAN

MAPLE LANE ELEMENTARY

BRANDYWINE SCHOOL DISTRICT
BRANDYWINE HUNDRED NEW CASTLE COUNTY DELAWARE

EROSION AND SEDIMENT CONTROL DETAILS

DRAWING TITLE:

DRAWING NUMBER: **C-4**



