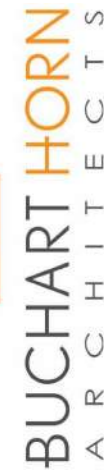




ENGINEERING A BETTER COMMUNITY
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1. UPON TEMPORARY CESSATION OF AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF SUCH ACTIVITY, THE OPERATOR SHALL STOP THE ACTIVITY AND THE DISTURBED AREA OF THE SITE SHALL BE IMMEDIATELY SEEDED, MULCHED, OR OTHERWISE PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION PENDING FUTURE EARTH DISTURBANCE ACTIVITIES.
2. THE OPERATOR SHALL MAINTAIN A MINIMUM OF 75% COVER OF TEMPORARY VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST SLIDING, EROSION, OR OTHER MOVEMENTS.
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE DISTURBED AREA OR SURROUNDING AREA. STOCKPILING SHALL BE IN THE FORM OF FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED BY THE MATCHING SLOPE OF THE STOCKPILE DRAWING. STOCKPILE HEIGHTS SHALL NOT EXCEED FEET. STOCKPILE SLOPES SHALL BE HORIZONTAL, OR VERTICAL, OR FLATTER.
4. TOPSOIL WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 TO 5 INCHES - 6 TO 12 INCHES ON COMPACTED SOILS - PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. TOPSOIL SHALL BE PLACED IN A MANNER THAT PREVENTS EROSION.
5. TOPSOIL SHOULD NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION. TOPSOIL SHALL BE PLACED IN A MANNER THAT PREVENTS EROSION. IT SHALL BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION; COMPACTED SOILS SHOULD BE SCARIFIED 6 TO 12 INCHES ALONG CONTOUR WHENEVER POSSIBLE, PRIOR TO SEEDING.
6. AFTER THE DISTURBED AREA HAS BEEN STABILIZED, THE OPERATOR SHALL RE-SEED AREAS OF THE PROJECT. THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING PERIODS OF WINTER OR OTHER PERIODS OF NON-VEGETATION, THE OPERATOR SHALL RE-SEED DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION PLAN. AREAS WHICH ARE NOT TO BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION PLAN.
7. AN EROSION CONTROL BLANKET WILL BE INSTALLED ON ALL DISTURBED SLOPES 3:1 OR STEEPER, ALL AREAS OF CONCENTRATED FLOWS, AND DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER BODY.
8. EGS BMPs SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE BUILT OR OTHERWISE STABILIZED. THE OPERATOR SHALL OBTAIN ANOTHER APPROVAL BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.
9. STRAW AND HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION TO PREVENT BLOWING OR WIND-DRIFT. MULCH SHALL BE APPLIED AT A RATE OF 3:1 TO 4:1 STRAW OR HAY INTO THE SOIL. THIS METHOD IS LIMITED TO SLOPES NO STEEPER THAN 3:1. THE MACHINERY SHOULD BE OPERATED ON THE CONTOUR. (NOTE: CHIPPING OF HAY OR STRAW BY A CHIPPING MACHINE IS PROHIBITED.)
10. ASPHALT, EITHER EMULSIFIED OR CUT-BACK, CONTAINING NO SOLVENTS OR OTHER DILUING AGENTS, SHALL BE APPLIED TO STABILIZED AREAS UNIFORMLY AT THE RATE OF 31 GALLONS PER 1000 SQ. YD. MAY BE USED TO TACK MULCH.
11. SYNTHETIC BINDERS (CHEMICAL BINDERS) MAY BE USED AS RECOMMENDED BY THE MANUFACTURER. THE OPERATOR SHALL OBTAIN ANOTHER APPROVAL FROM THE DISTRICT TO SHOW THEY ARE NON-TOXIC TO NATIVE PLANT AND ANIMAL SPECIES.
12. LIGHTWEIGHT PLASTIC, FIBER, OR PAPER NETS MAY BE STAPLED OVER THE MULCH ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
13. TRACKING SLOPES IS REQUIRED BY RUNNING TRACKS (NOTED) UP AND DOWN THE SLOPE. LEAVING THE TRACKS PARALLEL TO THE CONTOUR. NOTE: A BANDER IS REQUIRED TO MAINTAIN THE TRACKS. THE TRACKS SHALL BE STABILIZED WITH MULCH. THE TRACKS SHALL BE STABILIZED WITH MULCH TO AVOID OVER-COMPACT.
14. DURING THE WINTERING SEASONS ANY DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH STRAW OR HAY MULCH APPLIED AT A RATE OF 3 TONS PER ACRE AND PROPERLY ANCHORED.

1. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED AND MONITORED. EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED AND MONITORED AT EACH RAIN EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADE, RESEEDING, AND/OR REVEGETATION, SHALL BE COMPLETED WITHIN 72 HOURS OF THE RAIN EVENT. TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
2. ALL SEDIMENT REMOVED FROM BMPs WILL BE RETURNED TO UPLAND AREAS ON SITE AND NOT TO THE ADJACENT WATER BODY OR TO THE STREET.
3. A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO THE REGIONAL AGENT. THE LOG SHALL BE MAINTAINED FOR THE LIFE OF THE PERMITTEE AND CO-PERMITTEE MUST ENSURE THAT VISUAL SITE INSPECTIONS ARE CONDUCTED IMMEDIATELY AFTER EACH RAIN EVENT AND AFTER EACH MAINTENANCE ACTIVITY. PERSONNEL TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT THE BMPs ARE BEING MAINTAINED AND TO REPORT ANY DEFICIENCIES TO THE REGIONAL AGENT PREVENTING POLLUTION TO THE WATERS OF THE COMMONWEALTH. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE:
 - a. THE NAME OF THE PERSONNEL, E&S BMPs, COMPLIANCE; AND
 - b. THE DATE, TIME, AND THE NAME OF THE PERSON CONDUCTING THE INSPECTION.
4. SEDIMENT SHALL BE STORED IN ANY POND OR DITCH PRIOR TO BEING DISPOSED. AT THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THE EROSION CONTROL PLAN. SEDIMENT SHALL NOT BE WASHED, SHOVELLED, OR SWEPT INTO A ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

1. NO WETLANDS ARE LOCATED INSIDE OR AROUND THE PROJECT AREA.

[illegible]

1. AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
2. ALL SUBGRADE AREAS TO BE FILLED TO A MINIMUM DEPTH OF 3 TO 5 INCHES, OR 6 TO 12 INCHES ON COMPACTED SOILS, PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING.
3. ALL EARTH FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, AND SETTLEMENT. ALL EARTH FILLS SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT ROADWAYS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
4. ALL EARTH BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
5. FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOIL, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
6. FROZEN SPRINGS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
7. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
8. ALL EARTH AREAS TO BE FILLED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
9. ALL AREAS TO BE FILLED SHALL BE PROTECTED FROM EROSION BY REACHING FINAL GRADE. CUTS IN COMPACT BEDROCK AND ROCK FILLS NEED NOT BE REVEALED.

- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED E&S PLAN SHALL BE SUBMITTED TO THE PROJECT SITE AT ALL TIMES. THE REVENUE AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF SUCH CHANGES. REVISED E&S PLANS WILL REQUIRE WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY NEXT STAGE IS INITIATED. THE ORDER OF STAGES SHALL BE LIMITED TO THAT SPECIFICALLY LISTED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE. ANY DEVIATION FROM THE FOLLOWING SEQUENCE MUST BE APPROVED FROM REGIONAL AGENCY.
- AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING BUT NOT LIMITED TO, CLEARING, THE OWNER AND/OR OPERATOR SHALL NOTIFY LOCAL AUTHORITIES, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, AND THE E&S PLAN PREPARED TO AN ON-SITE PRE-CONSTRUCTION MEETING.
- AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING EXISTING DISTURBED AREAS, THE CONTRACTOR SHALL NOTIFY LOCAL AUTHORITIES. THIS SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
1. THE CONTRACTOR SHALL FIELD MARK THE LIMITS OF DISTURBANCE FOR ALL WORK PRIOR TO THE START OF CONSTRUCTION.
2. ROCK CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT LOCATION SHOWN ON THE PLAN.
3. THE CONTRACTOR SHALL INSTALL COMPOST FILTER SOCK OR EQUIVALENT SIZE SILT FENCE AS SHOWN ON THE PLAN.
4. REMOVE EXISTING FENCES AS SHOWN ON THE DEMOLITION PLAN.
5. EXISTING BITUMINOUS PAVED AREA AT THE PROPOSED ROCK CONSTRUCTION ENTRANCE SHALL REMAIN INTACT. EXISTING CONTRACTOR LAY DOWN AREA PAVEMENT WILL BE REMOVED AT THE END OF CONSTRUCTION.
6. INSTALL PROPOSED SANITARY SEWER MANHOLE. CONNECT MANHOLE TO THE EXISTING SANITARY SEWER LINE. EXISTING UP STREAM SANITARY SEWER PIPE SHALL REMAIN ACTIVE. THE PROPOSED INLET PIPE FOR THE PROPOSED ADDITIONAL PIPE SHALL BE STUBBED OUT OF MANHOLE AND CAPPED FOR CONNECTION TO THE PROPOSED ADDITIONAL LATER IN THE FUTURE. WHEN THE NEWER PIPE FROM THE PROPOSED ADDITION IS CONNECTED AND ACTIVE, THE EXISTING INLET PIPE FOR THE SEWER MAIN SHALL BE ABANDONED IN PLACE AND SEALED OFF. EXISTING DOWNSTREAM SEWER LINE SHALL REMAIN ACTIVE. THE SEWER LINE BETWEEN THE MANHOLES AND THE SEWER UP TO THE FIRST LATERAL TO THE NORTH OF THE MANHOLES SHALL BE REMOVED BY THE LATERAL AND MAIN TO THE NORTH OF THE LATERAL AND MAIN. THE SEWER LINE BETWEEN THE LATERAL AND MAIN TO THE SOUTH OF THE LATERAL AND MAIN SHALL REMAIN ACTIVE.
7. INSTALL PROPOSED STORM SEWER INLETS A3 AND A4 AND STORM PIPE BETWEEN PROPOSED INLETS AND UPSTREAM AND DOWNSTREAM PIPES THAT CAN BE INSTALLED WITHOUT DISTURBING EXISTING PIPE. FOR ALL STORM SEWER INSTALLATION ONLY OPEN TRENCH AREA SHALL BE BACKFILLED BY PROPOSED STORM SEWER. STABILIZED AREAS LOCATED UNDER MATERIAL ON THE UPSIDE SIDE OF TRENCH. BACKFILL TRENCH AND STABILIZED TRENCH AREA WITH SEED AND MULCH. INLET PROTECTION SHALL BE INSTALLED IN INLET A3 AND INLET A4.
8. WHEN WEATHER PERMITS (I.E. NO RAIN FOR THE TIME PERIOD TO COMPLETE THIS CONSTRUCTION STAGE) AND EXISTING ROOF DRAIN HAS BEEN RELOCATED TO THE PROPOSED STORM DRAIN, ALLOW THE CONTRACTOR TO PROPOSED STORM SEWER. INSTALL PROPOSED STORM SEWER STARTING AT THE PROPOSED RIP-RAP ROCK APRON AND WORKING UPWARD TO THE PROPOSED INLET. WHEN THE STORM SEWER IS INSTALLED, THEN CONTRACTOR SHALL BE BACKFILLED AT THE END OF EACH WORK DAY AND PLACE EXCAVATED MATERIAL ON THE UPSIDE SIDE OF TRENCH. INSTALL PIPE AND STRUCTURES. REMOVE EXISTING STORM SEWER MANHOLE AND INLET BY PROPOSED STORM SEWER. STABILIZED AREAS LOCATED UNDER THE PROPOSED BITUMINOUS PAVED AREAS WITH STONE AND REMAINING DISTURBED TRENCH AREA WITH SEED AND MULCH. INLET PROTECTION SHALL BE INSTALLED IN ALL PROPOSED INLETS.
9. INSTALL PROPOSED WATERLINES (DOMESTIC AND FIRE LINE). INSTALL PIPES BUT DO NOT CONNECT TO EXISTING WATERLINES. ONLY FIRE LINE IS INSTALL, COORDINATE WITH THE DISTRICT ENGINEER AND PROVIDE RECORD DRAWINGS. THEN CONTRACTOR SHALL BE BACKFILLED AND REACTIVE FIRE LINE TO LET THE SHUT OFF TIME TO A MINIMUM. EXISTING DOMESTIC WATER MAIN SHALL REMAIN ACTIVE. CONTRACTOR SHALL BE BACKFILLED AND REACTIVE FIRE LINE THAT THE WATERLINE IS INSTALLED IN THE BUILDINGS AND THE CONNECTION OF WATERLINE CAN BE MADE TO THE EXISTING BUILDING. AT THIS POINT COORDINATION OF THE CONNECTION OF WATERLINE TO THE EXISTING BUILDING SHALL BE MADE. CONTRACTOR SHALL BE BACKFILLED TO A MINIMUM. ONLY OPEN TRENCH AREA THAT CAN BE BACKFILLED AT THE END OF EACH WORK DAY AND PLACE EXCAVATED MATERIAL ON THE UPSIDE SIDE OF TRENCH. STABILIZED AREAS LOCATED UNDER THE PROPOSED BITUMINOUS PAVED AREAS WITH STONE AND REMAINING DISTURBED TRENCH AREA WITH SEED AND MULCH.
10. STRIP TOPSOIL IN AREA OF PROPOSED ADDITION. STOCKPILE TOPSOIL AT LOCATIONS SHOWN ON THE PLAN AND PROTECT STOCKPILES.
11. BEGIN DEMOLITION OF ANY EXISTING STRUCTURES LOCATED IN THE AREA OF THE PROPOSED IMPROVEMENTS. ALL EXISTING PAVEMENT AND CONCRETE TO REMAIN SHALL BE SAW CUT.
12. GRADE PROJECT AREA AND INSTALL BUILDING FOUNDATION.
13. INSTALL STONE IN AREAS OF BITUMINOUS PAVEMENT AND CONCRETE CRACKS.
14. COMMENCE BUILDING ADDITION.
15. INSTALL ELECTRICAL SERVICE LINE.
16. INSTALL CONCRETE CURBING.
17. INSTALL REMAINING UTILITIES AND CONNECT TO PROPOSED ADDITION.
18. INSTALL BITUMINOUS PAAVING AND CONCRETE AREAS.
19. BEGIN FINAL GRADING AND PLACEMENT OF TOPSOIL. PERMANENTLY STABILIZE DISTURBED AREA WITH SEED AND MULCH.
20. ONCE THE CONTRACTOR LAY DOWN AREA IS NO LONGER NEEDED, REMOVE EXISTING PAVEMENT. PLACE TOPSOIL OVER THE DISTURBED AREA AND PERMANENTLY SEED AND MULCH.
21. UPON COMPLETION OF EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE CONTRACTOR SHALL CONTACT THE OWNER FOR INSPECTION AND APPROVAL TO REMOVE THE INLET FILTER BAGS, FILTER BAGS AND ANY OTHER MATERIAL THAT CAN BE DISPOSED FOR THE REGULATORY AGENCIES.
22. UPON COMPLETION OF EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE CONTRACTOR SHALL CONTACT THE OWNER FOR INSPECTION AND APPROVAL TO REMOVE COMPOST FILTER SOCK AND ANY SEDIMENT CAPTURED BY THE SOCK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF THE SOIL AND SEDIMENT.
23. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES, REMOVAL OF ALL TEMPORARY BARRIERS, INSTALLATION OF ALL PERMANENT FEATURES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE CONTRACTOR SHALL CONTACT THE OWNER AND TOWNSHIP TO OBTAIN FINAL INSURANCE CERTIFICATE.

NOTE:
THE ORDER OF THE ABOVE SCHEDULE IS SUBJECT TO CHANGE DUE TO SPECIFIC SITE CONDITIONS
AND CONSTRUCTION METHODS. ANY CHANGES SHOULD BE MADE UNDER THE DIRECT SUPERVISION
OF OWNER.

YORK COUNTY CENTRAL BOOKING RELOCATION[illegible]

PROJECT NO:	77332-07
ISSUED DATE:	03/27/23
DRAWN BY:	DPA
CHECKED BY:	JCW

SHEET TITLE:

SOIL EROSION
AND
SEDIMENTATION
CONTROL
NOTES

SHEET NO: C7-03