

SITE WORK CONSTRUCTION SEQUENCE & CONTROL MEASURES:

1. THE CONSTRUCTION OF ADDITIONS FOR THIS RESIDENCE WILL BE UTILIZING THE FOLLOWING EROSION & SEDIMENTATION CONTROL MEASURES DURING THE WORK.
2. INDICATE CONSTRUCTION ENTRANCE WITH ENHANCED SIGN. REVIEW WITH CONTRACTORS TIRE CLEANING AND MAINTENANCE OF PUBLIC ROADWAYS.
3. INSTALL ALL SHOWN SILT FENCING.
4. INSTALL NEW SEPTIC SYSTEM. INSTALL PERMANENT SEEDING OF THAT WORK AREA.
5. AT NEW ADDITIONS, STRIP AND STOCKPILE TOPSOILS.
6. COMPLETE ALL BUILDING CONSTRUCTION WITH FINAL ROOFING.
7. COMPLETE ALL ROOF AND DOWNSPOUT DRAINAGE SYSTEMS.
8. BACKFILL FOUNDATIONS, RESPREAD TOPSOILS, PROVIDING POSITIVE DRAINAGE AWAY FROM BUILDING TO MERGE WITH EXISTING DRAINAGE PATTERNS.
9. CLEAN UP SITE AND COMPLETE FINAL PERMANENT SEEDING.
10. AFTER ESTABLISHMENT OF PERMANENT GROUND COVER, REMOVE ALL SILT FENCING UPON APPROVAL FROM BUCKS COUNTY CONSERVATION DISTRICT AND MUNICIPALITY.

BEFORE YOU DIG:

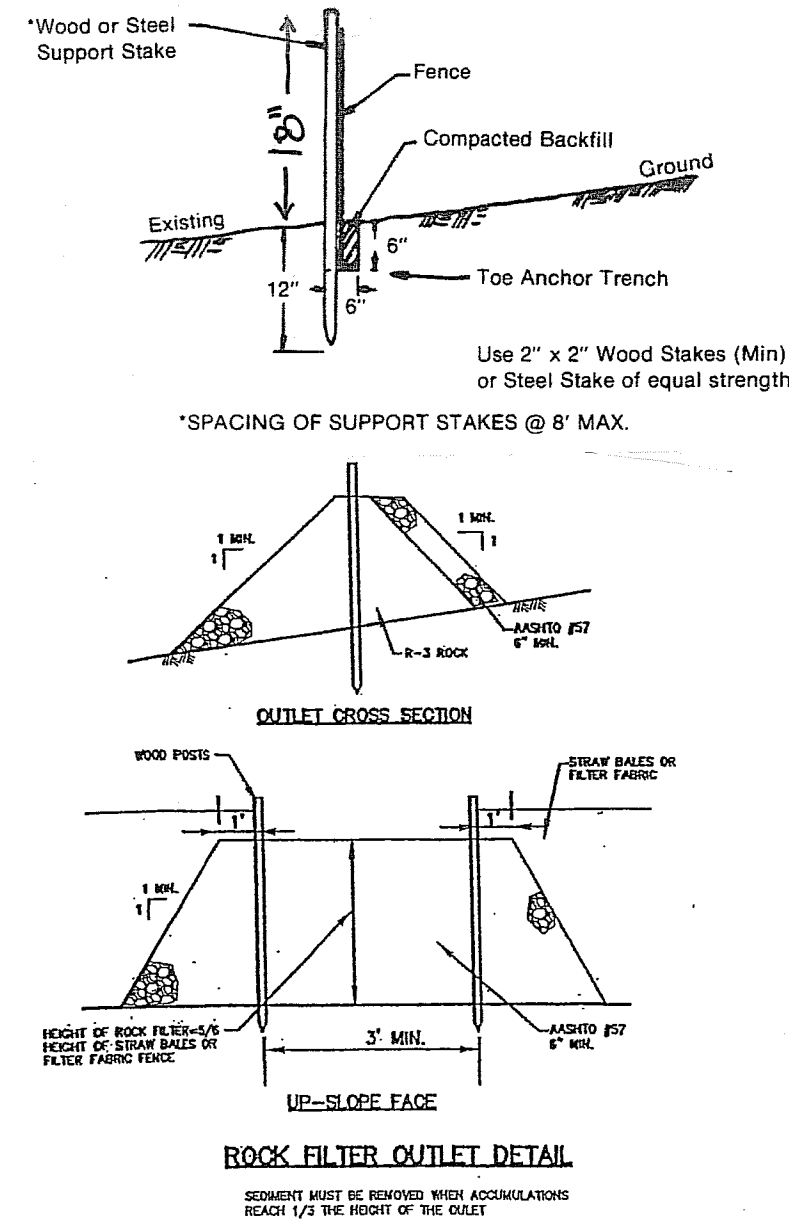
1. CALL THE PA "ONE CALL SYSTEM". STOP! BEFORE YOU DIG IT IS MANDATORY TO CALL THE PENNSYLVANIA "ONE CALL SYSTEM." 1-800-242-1776. ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, SHOULD MAKE THEIR OWN NOTIFICATION. NOTE, THE ONLY PARTY PROTECTED BY THE NOTIFICATION IS THE CALLER.

EROSION / SEDIMENT CONTROL

1. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET; SLOPES MUST NOT EXCEED 2:1.
2. THE OWNER OR GENERAL CONTRACTOR (O/GC) ON SITE SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
3. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE O/GC SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
4. THE O/GC SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED AND APPROVED BY THE BUCKS COUNTY CONSERVATION DISTRICT AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOILS AND/OR ROCK SPOIL AND BORROW AREAS REGARDLESS OF THEIR LOCATIONS.
5. ALL FOUNDATION "DEWATERING" AND PUMPING OF SEDIMENT-LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP SUCH AS A "PUMPED WATER FILTER BAG" DISCHARGING OVER AN UNDISTURBED AREA. SEE DETAILS.
6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES.
7. EROSION AND SEDIMENT BMPs MUST BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPs.
8. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING THE REMOVAL OF THE BMPs MUST BE STABILIZED IMMEDIATELY.
9. AT LEAST SEVEN (7) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITY, THE OWNER OR GENERAL CONTRACTOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THAT ACTIVITY, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PLAN DESIGNER AND THE BUCKS COUNTY CONSERVATION DISTRICT TO A PRE-CONSTRUCTION MEETING. ALSO, AT LEAST THREE (3) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITY, ALL CONTRACTORS INVOLVED IN THAT ACTIVITY SHALL NOTIFY THE PENNSYLVANIA ONE-CALL SYSTEM INC. AT 1-800-242-1776 TO DETERMINE ANY UNDERGROUND UTILITIES LOCATIONS.
10. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITY CEASES, THE OWNER OR GENERAL CONTRACTOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITY. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT SPECIFIED RATES. DISTURBED AREAS THAT ARE NOT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS.
11. DISTURBED AREAS THAT ARE AT A FINISHED GRADE OR WHICH WILL NOT BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
12. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% VEGETATIVE OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
13. UPON THE INSTALLATION OF TEMPORARY SEDIMENT BASIN RISER(S), A QUALIFIED SITE REPRESENTATIVE SHALL CONDUCT AN IMMEDIATE INSPECTION OF THE RISER(S), WHEREUPON THE BUCKS COUNTY CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING THAT THE RISER IS SEALED (WATERTIGHT).
14. AT STREAM CROSSINGS, A 50-FOOT BUFFER SHALL BE MAINTAINED. ON BUFFERS, CLEARINGS, SOD DISTURBANCES AND EXCAVATIONS, EQUIPMENT TRAFFIC SHOULD BE MINIMIZED. ACTIVITY SUCH AS STACKING LOGS, BURNING CLEARED BRUSH, DISCHARGED RAINWATER FROM TRENCHES, WELDING PIPE SECTIONS, REFUELING AND MAINTAINING EQUIPMENT SHOULD BE AVOIDED WITHIN BUFFER ZONES.
15. UNTIL A SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION CONTROL BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEANOUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING AND REONETTING MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
16. SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF ON-SITE IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED OR PLACED IN SOIL STOCKPILES AND STABILIZED.
17. ALL BUILDING MATERIAL AND WASTES MUST BE REMOVED FROM THE SITE AND RECYCLED IN ACCORDANCE WITH DEP'S SOLID WASTE REGULATIONS (25 PA CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ.) AND/OR ANY ADDITIONAL LOCAL, STATE OR FEDERAL REGULATIONS. NO BUILDING MATERIALS (USED OR UNUSED) OR WASTE MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.

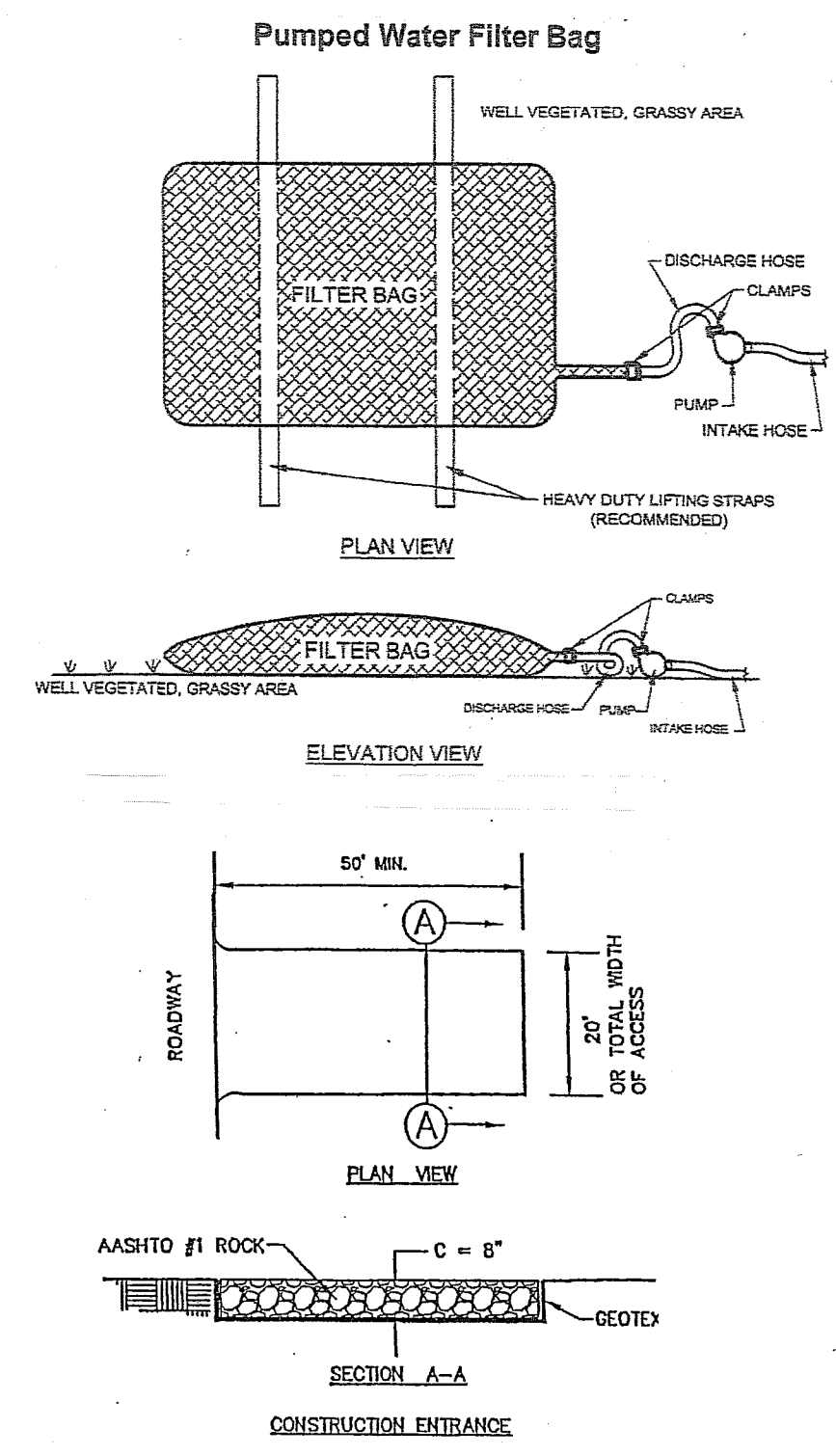
STANDARD FILTER FABRIC (SILT) FENCE NOTES:

1. FILTER FABRIC (SILT) FENCE SHALL BE 18" ABOVE GRADE WITH ADDITIONAL 12" BURIED.
2. FILTER FABRIC FENCE MUST BE PLACED AT LEVEL EXISTING GRADE, BOTH ENDS OF BARRIER EXTENDED AT LEAST 8-FT. UP SLOPE AT 45 DEGREES TO MAIN ALIGNMENT.
3. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH ONE-HALF THE ABOVE GRADE HEIGHT OF THE FENCE. DISPOSE ON-SITE, SEE EROSION NOTES.
4. ANY SECTION OF FILTER FABRIC FENCE WHICH HAS BEEN UNDERMINED TOPPLED MUST BE IMMEDIATELY REPLACED WITH A "ROCK FILTER OUTLET," SEE OTHER DETAILS.
5. A TRENCH WILL BE EXCAVATED TO THE REQUIRED DEPTH, WITH LITTLE, IF ANY, DISTURBANCE TO THE DOWNSLOPE SIDE. THE BOTTOM OF THE TRENCH AND THE FENCE TOP WILL BE PLACED AT LEVEL GRADE.
6. SUPPORT STAKES TO BE DRIVEN TO THE 12" MINIMUM DEPTH BELOW EXISTING GROUND SURFACE, AT MAXIMUM 8-FT. INTERVALS. STRETCH FASTEN FABRIC TO THE UPSLOPE SIDE OF STAKES. IF A REINFORCED SECTION, ATTACH REINFORCING MESH PRIOR TO FILTER FABRIC, WHERE ENDS COME TOGETHER, THEY WILL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
7. THE TOE ANCHOR WILL BE BACKFILLED AND COMPACTED TO A DENSITY EQUAL TO SURROUNDING SOILS. ALL UNDERCUTTING OR EROSION OF THE TOE ANCHOR WILL BE REPAIRED IMMEDIATELY WITH COMPACTED BACKFILL MATERIALS.
8. THE FORMATION OF CONCENTRATED FLOWS ON THE SLOPE ABOVE A FILTER FABRIC FENCE IS NOT PERMITTED. IF CONCENTRATIONS OCCUR, DIRECT SLOPE STABILIZATION MEASURES MUST BE EMPLOYED.
9. FILTER FABRIC FENCES WILL NOT BE PLACED IN ANY AREA OF CONCENTRATED FLOWS SUCH AS DITCHES, SWALES, CHANNELS, ETC. DO NOT USE IN AREAS WHERE ROCK OR ROCKY SOILS PREVENT THE FULL AND UNIFORM ANCHORING OF THE FENCE TOE.
10. FILTER FABRIC MATERIAL WILL NOT BE PLACED ACROSS THE ENTRANCE TO PIPES OR CULVERTS AND WILL NOT BE WRAPPED AROUND THE PRINCIPAL SPILLWAY STRUCTURES OF SEDIMENT TRAPS OR BASINS.



PUMPED WATER FILTER BAG

1. WHEN DEWATERING FOUNDATIONS OR MOVING ANY SEDIMENT LADEN WATER VIA PUMPING, SUCH WATER SHALL BE FILTERED THROUGH A PUMPED WATER FILTER BAG, SEE DETAILS. COMPLY WITH ASTM D-4884, ASTM D-4832, ASTM D-4833, ASTM D-3786, ASTM D-4885, ASTM D-4793.
2. LOW VOLUME BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. BAGS SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS.
3. HIGH VOLUME BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES.
4. PLAN AHEAD, A SUITABLE MEANS OF ACCESSING THE BAG WITH LIFTING MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME ONE-HALF FULL OF SEDIMENT. KEEP SPARE BAGS AVAILABLE. BAGS SHALL COME WITH OR BE PLACED ON STRAPS TO FACILITATE REMOVAL.
5. BAGS SHALL BE LOCATED IN A WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT TURF. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODABLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.
6. NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST LOCATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY STANDING SURFACE WATER OR WHERE A GRASSY AREA IS NOT AVAILABLE.



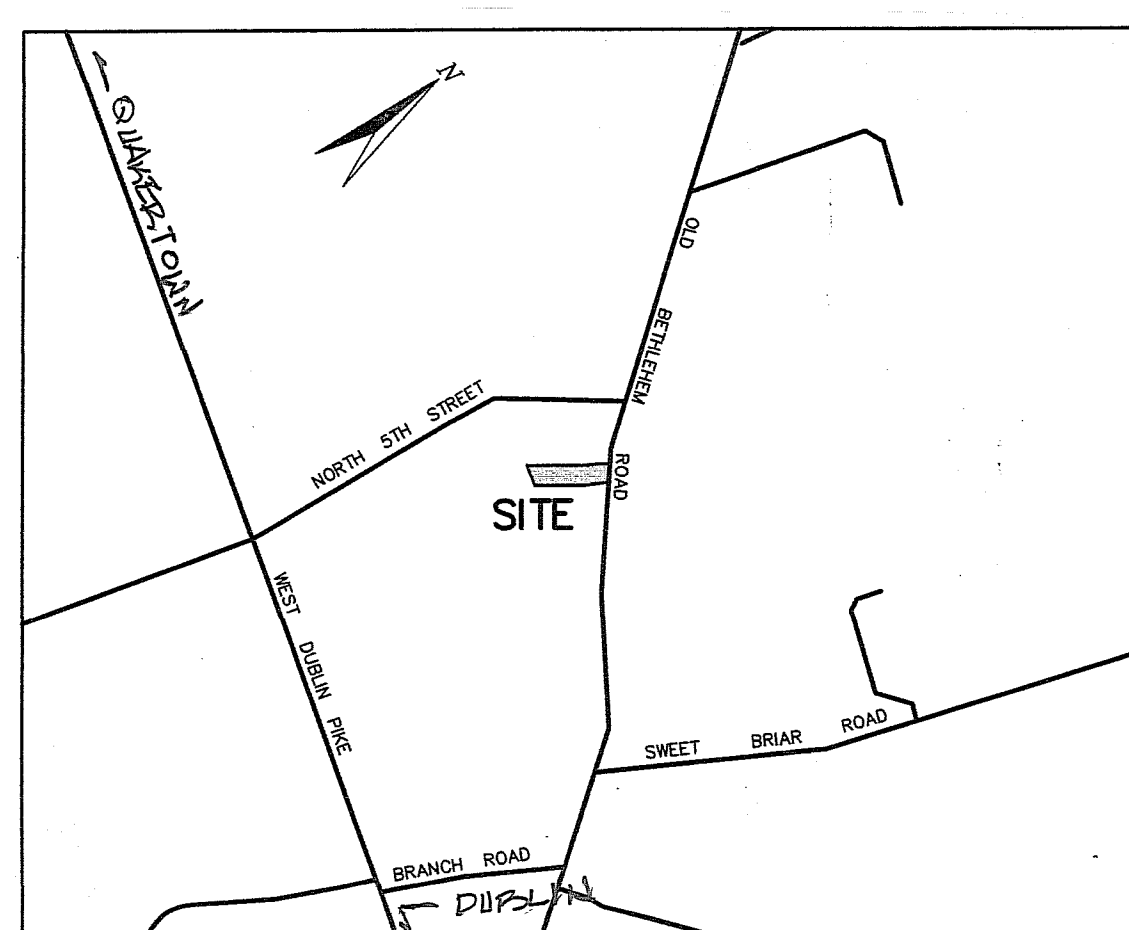
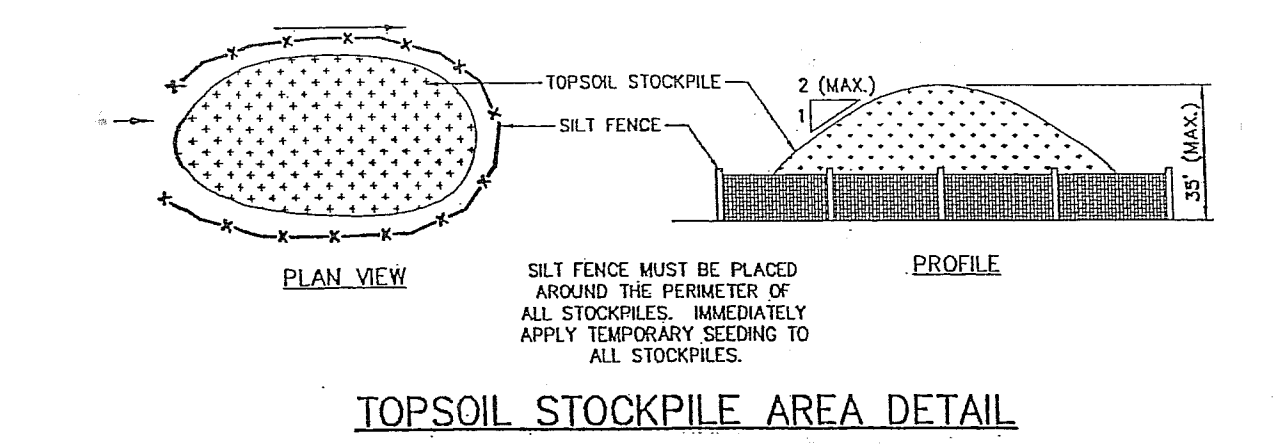
VEGETATIVE STABILIZATION SPECIFICATIONS.

1. LIME: ADDING LIME TO THE TOPSOIL IS VITAL TO THE REVEGETATION PROCESS. THE MAJORITY OF DISTURBED SITES ARE ACID AND INFERTILE. ADD LIME AT THE RATE OF 150 POUNDS PER 1,000 SQ.FT. PRIOR TO SEEDING APPLY LIME AND WORK AS DEEP AS POSSIBLE INTO SOIL.
2. FERTILIZER: ADD FERTILIZER AT THE RATE OF 25 POUNDS PER 1,000 SQ.FT. AT SEEDING TIME, WORK FERTILIZER AS DEEP AS POSSIBLE INTO SOIL.
3. SEEDING METHODS, APPLY TO DISTURBED AREAS BY HAND OR SPREADER BROADCASTING.
4. MULCH: APPLY MULCH AT THE RATE OF 140 POUNDS PER 1,000 SQ.FT. MULCH REDUCES SOIL EROSION, AIDS SEED GERMINATION, AND CONSERVES MOISTURE. MULCH ALL SEEDED AREAS. MULCH IS A LOOSE LAYER 2" TO 1" DEEP OF HAY OR STRAW. MULCH SHOULD NOT BE CHOPPED OR FINELY BROKEN DURING APPLICATION.
5. TEMPORARY SEED MIXTURE: IF PROJECT IS DISTURBED AND INACTIVE FOR 20 DAYS OR MORE A TEMPORARY SEEDING SHALL BE APPLIED IMMEDIATELY. USE ANNUAL RYEGRASS APPLIED AT THE RATE OF 1 POUND PER 1,000 SQ.FT.
6. PERMANENT SEEDING: IN SPRING SEASON FOR BEST RESULT, HOWEVER WITH PROPER TECHNIQUES ALMOST ANYTIME FROM SPRING TO FALL. LEGUME SEEDINGS REQUIRE MIN. 10 TO 12 WEEKS PRIOR TO A HARD FROST. GRASSES REQUIRE 4 TO 6 WEEKS.
7. PERMANENT SEED MIXTURE: MIXTURE SHOWN ASSUMES 100% PURE LIVE SEED (PLS). FOR EFFECTIVE FIELD RESULTS, ALL POUND QUANTITIES SHALL BE MULTIPLIED BY 1.63.
8. FOR MOWED LAWN

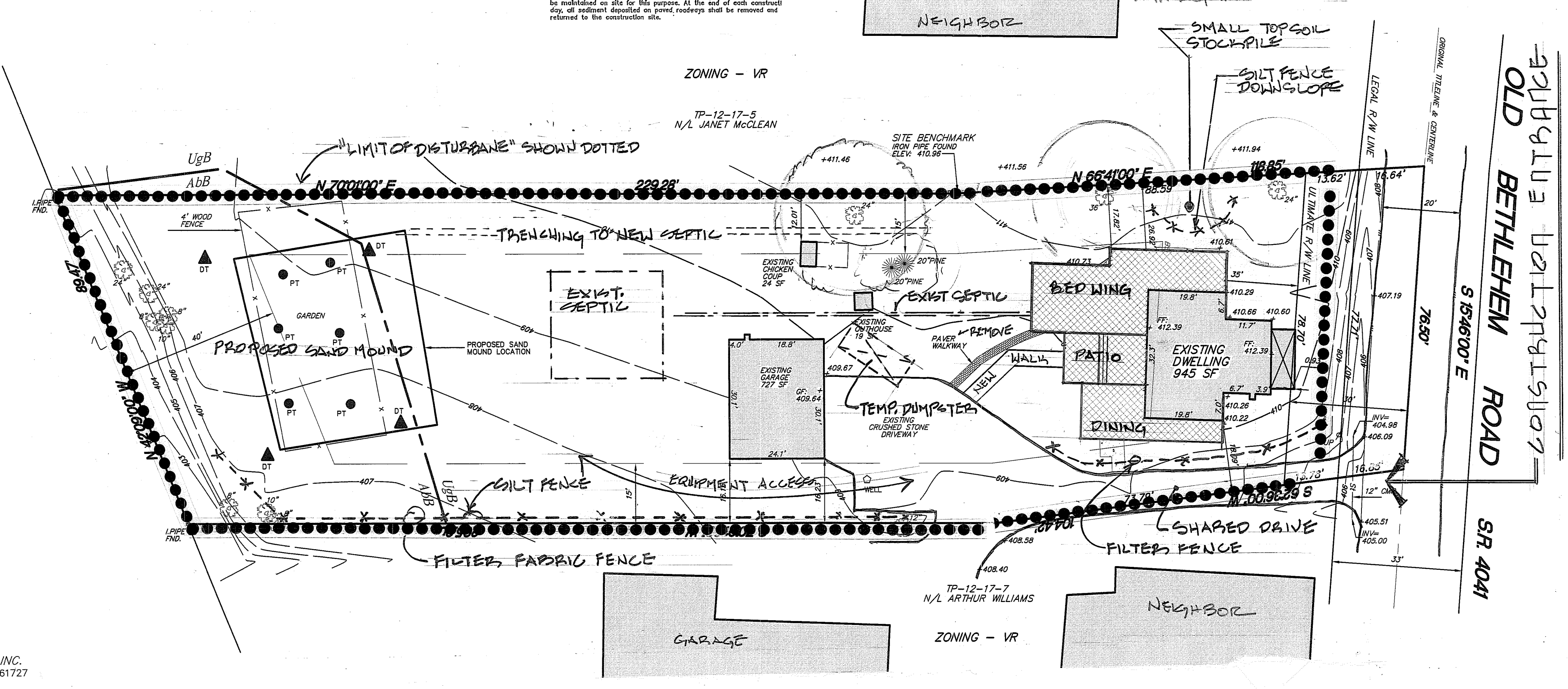
7. KENTUCKY BLUEGRASS	8. 30 LB'S PER ACRE	9. 12 OZ'S PER 1,000 SQ.FT.
10. REDTOP	11. 3 LB'S PER ACRE	12. 2 OZ'S PER 1,000 SQ.FT.
13. PERENNIAL RYEGRASS	14. 20 LB'S PER ACRE	15. 8 OZ'S PER 1,000 SQ.FT.
9. FOR SLOPES OR AREAS NOT MOWED		
16. CROWN VETCH (REQUIRES INOCULANT, SEE SEED SUPPLIER)	17. 25 LB'S PER ACRE	18. 10 OZ'S PER 1,000 SQ.FT.
19. PERENNIAL RYEGRASS	20. 25 LB'S PER ACRE	21. 10 OZ'S PER 1,000 SQ.FT.

SOIL STOCKPILE AREAS:

1. SILT FENCE (FILTER FABRIC FENCE) MUST BE PLACED AROUND THE PERIMETER OF ALL STOCKPILES.
2. IMMEDIATELY APPLY TEMPORARY SEEDING TO ALL STOCKPILES.



PENNSYLVANIA ONE CALL SYSTEM, INC.
CONTACTED: 4-25-2016 SERIAL No.20161161727



LOT AREA = 0.603 AC.

EROSION / SEDIMENT CONTROL PLAN

SCALE: 1" = 20'-0"

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DATE	REVISION DESCRIPTION
MARCH 15, 2016	INTRO TO CLIENT
05-20-2016	FOR PERMIT REVIEW
06-17-2016	FOR PERMIT REVIEW
07-17-2016	FOR PERMIT REVIEW

PLANS NOT VALID FOR PERMITS UNLESS SIGNED IN "RED" & IMPRESSED w/ SEAL

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208 OLD BETHLEHEM ROAD
 ADDITIONS & ALTERATIONS
 Hopewell Township, Mercer Co., NJ