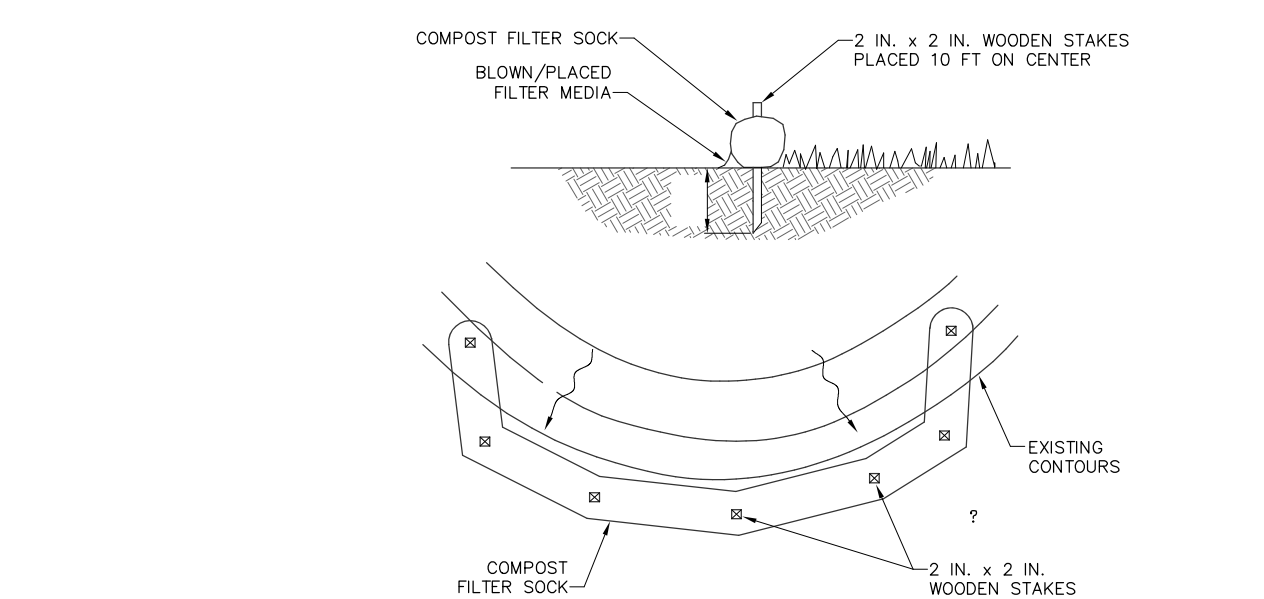
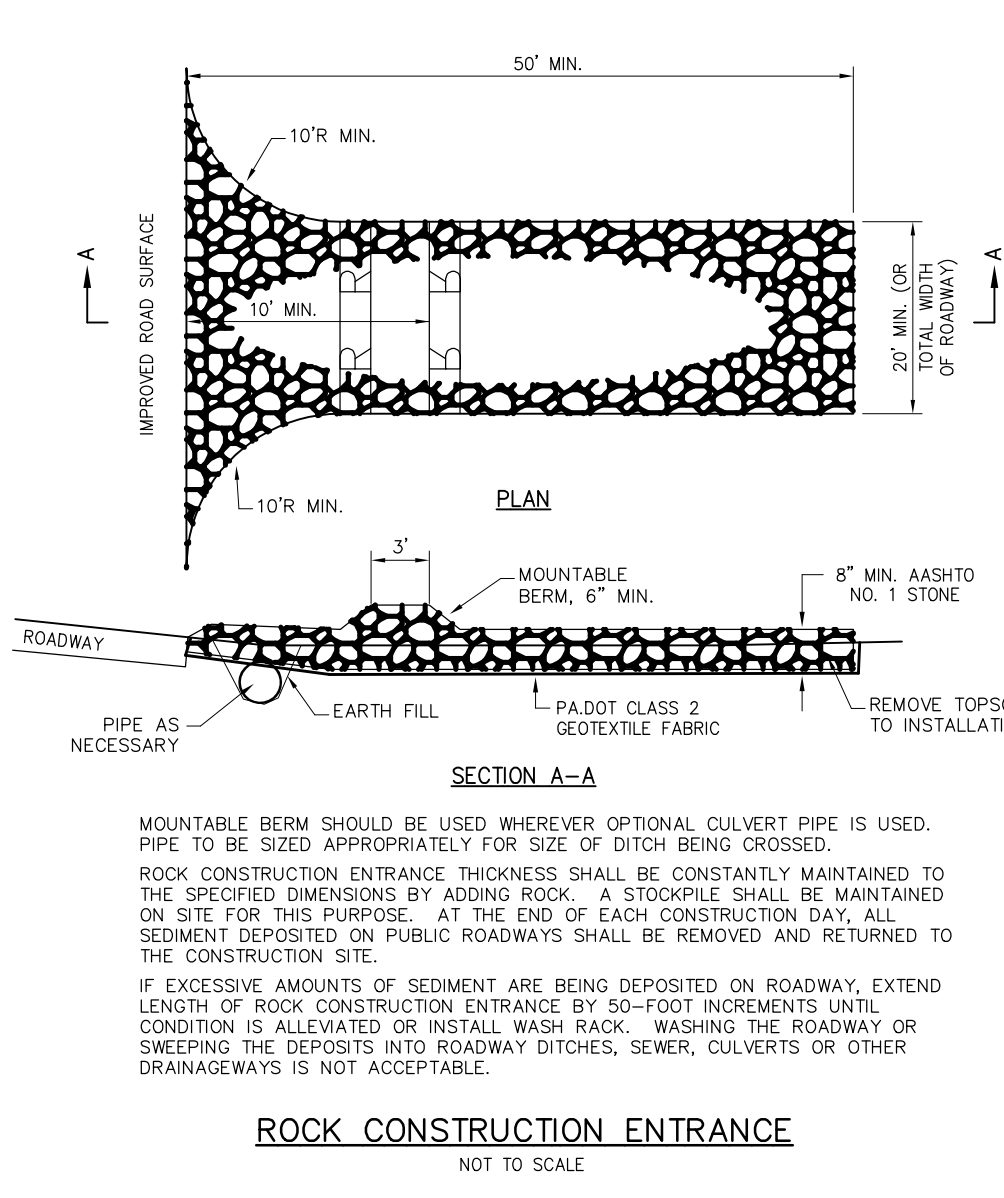
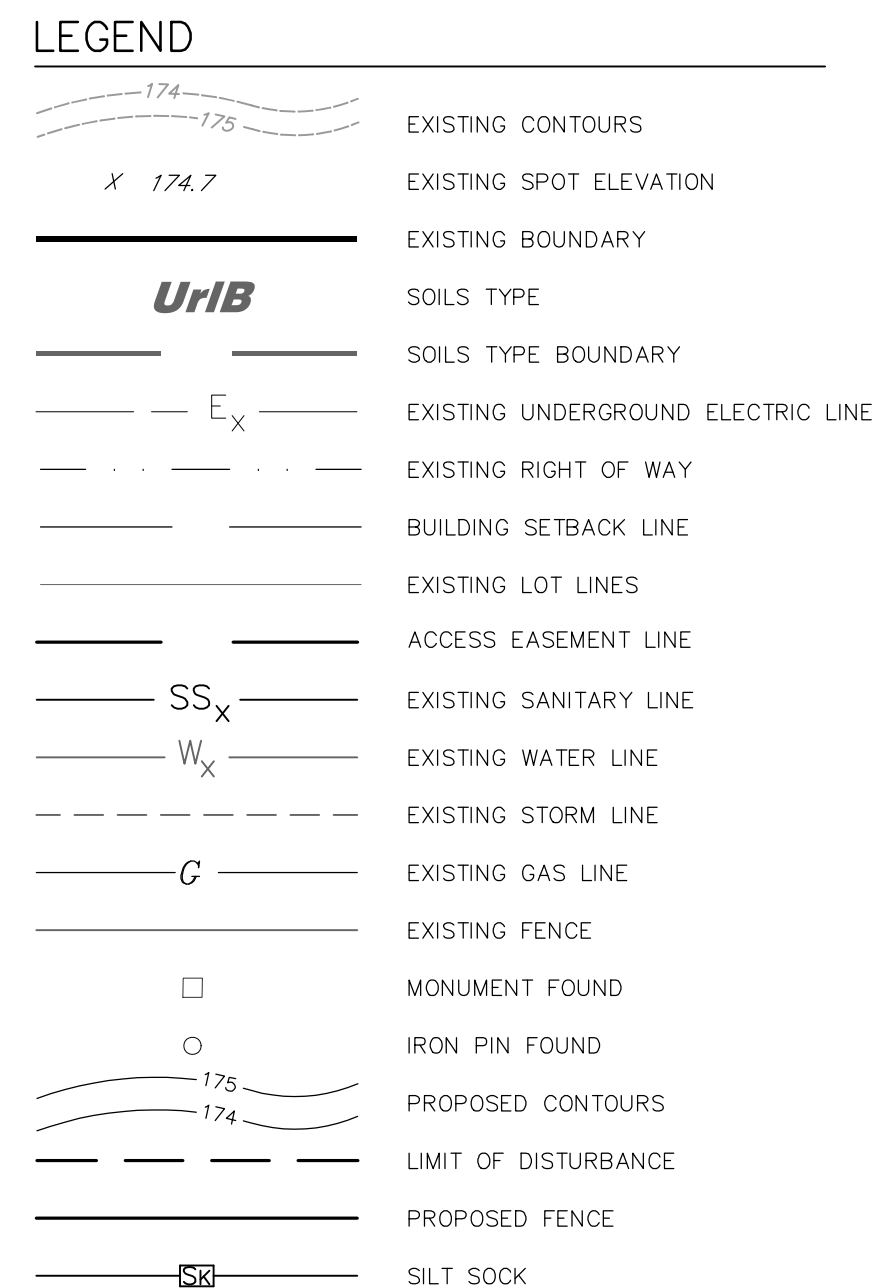
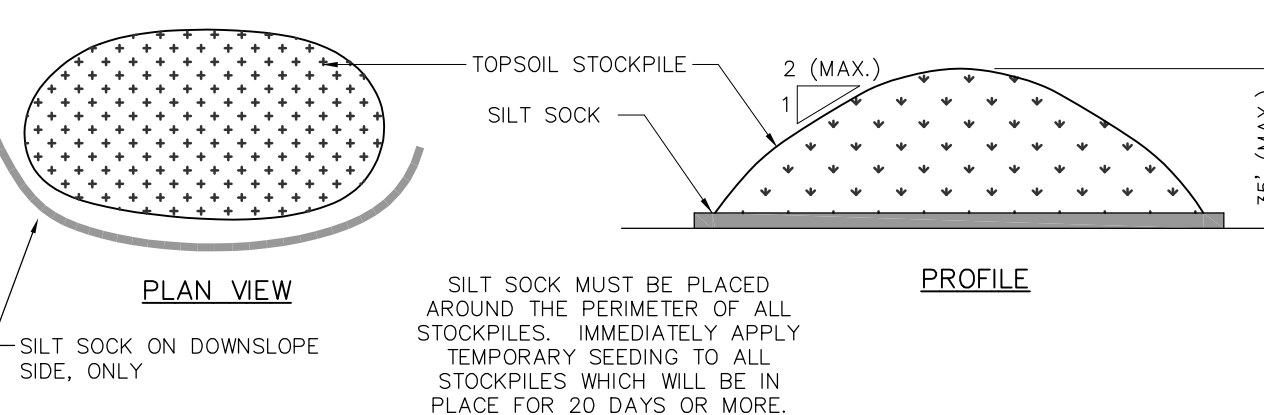
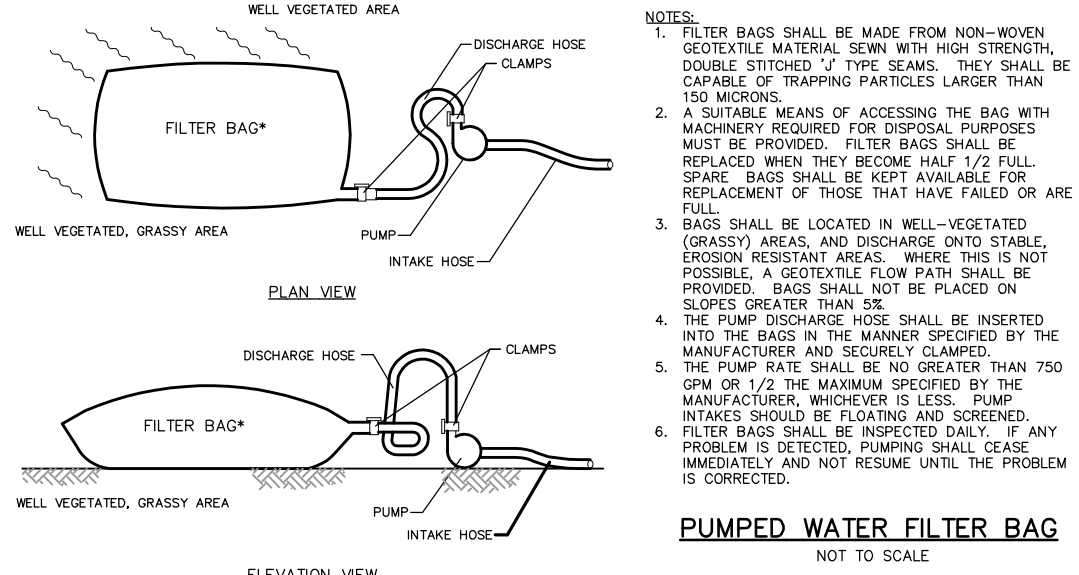
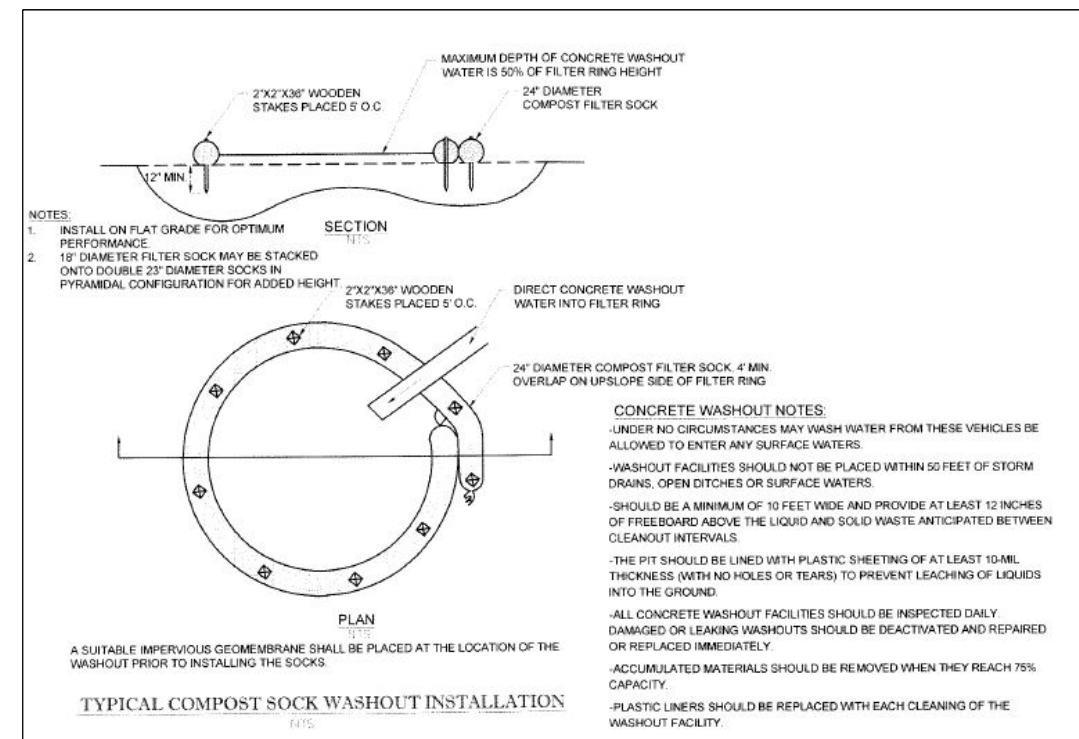
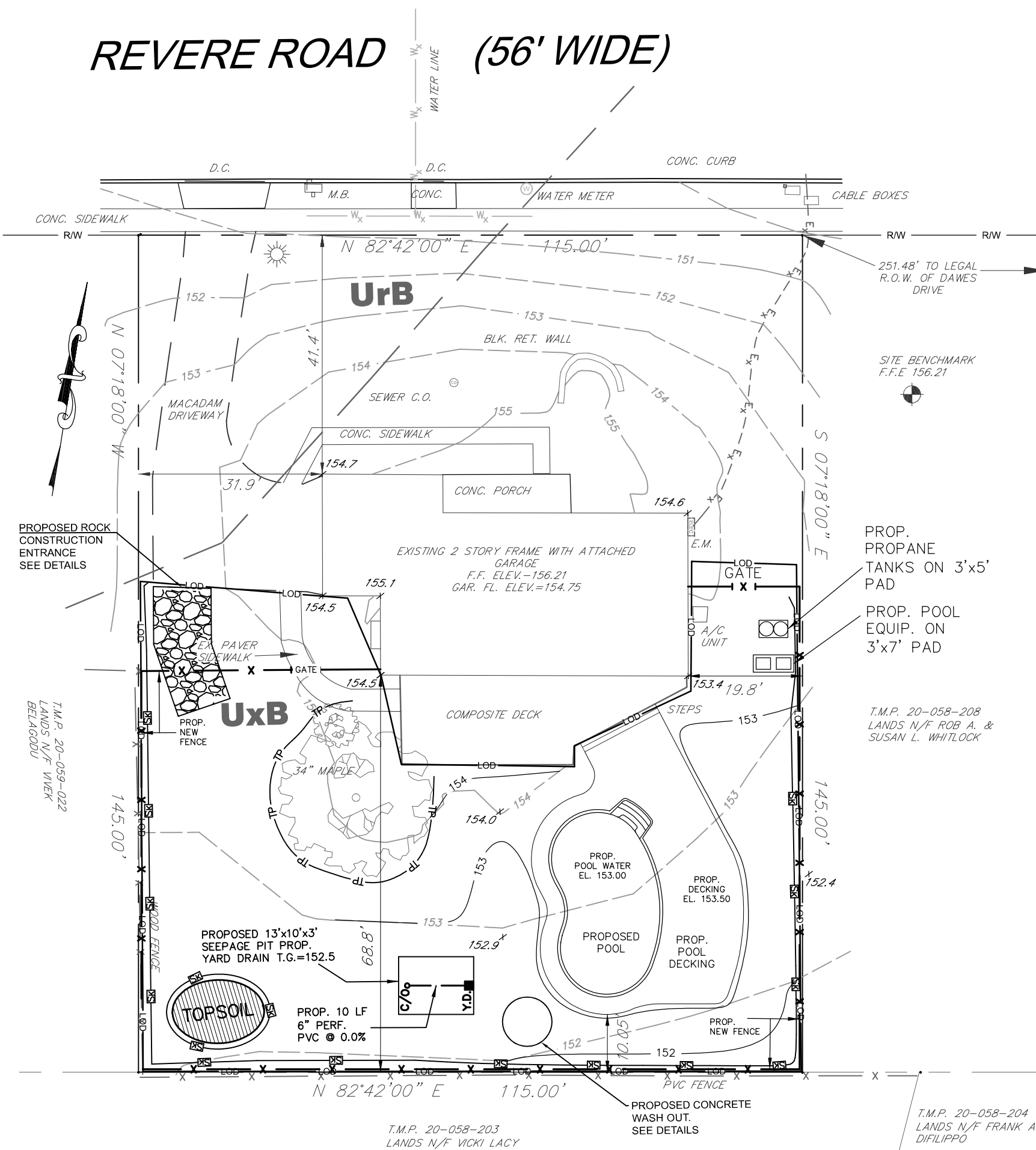


# REVERE ROAD (56' WIDE)



- NOTES:**
- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
  - COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL. GRADE ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
  - TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
  - ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
  - COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
  - BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
  - UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

## STRIPPING AND GRUBBING

TOPSOIL SHALL BE STRIPPED AND STOCKPILED IN AREAS ON-SITE AS DIRECTED BY THE DEVELOPER.

ALL TREES, BRUSH AND OTHER VEGETATION WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN PERMISSION AND REPAIR OR REPLACE ANY DAMAGE TO ADJACENT PROPERTIES CAUSED BY FALLING OF TREES OR OTHER CLEARING AND GRUBBING OPERATIONS.

GRUBBING SHALL BE CARRIED OUT WITHIN THE GRADE LINES OF THE SITE. DISPOSAL OF ALL CLEARED MATERIAL SHALL BE CARRIED OUT AT THE DIRECTION OF THE DEVELOPER. ALL TIMBER LOGS, STUMPS, ROOTS, BRUSH AND LEAVES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF.

## GRADING

THE SURFACE OF ALL EARTH AREAS SHALL BE FINISHED TO A REASONABLY SMOOTH COMPACT SURFACE ORDINARILY OBTAINED FROM THE BLADE GRADER OR SCRAPER OPERATIONS AND HARD OPERATIONS AROUND CONFINED AREAS AND STRUCTURES. THE SURFACE OF AREAS TO BE TOPSOILED SHALL BE FINISHED TO A LEVEL OF SIX (6) INCHES BELOW FINISH GRADE AS SHOWN ON THE DRAWINGS AND LEFT WITH A SMOOTHNESS SUITABLE FOR APPLICATION OF TOPSOIL. ROCK ENCOUNTERED DURING CONSTRUCTION TO BE EXCAVATED 12" BELOW FINAL GRADE AND REPLACED WITH 12" OF TOPSOIL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL EXCESS MATERIALS FROM THE SITE.

## TOPSOIL AND SEEDING

THE SUBGRADE SHALL BE THOROUGHLY LOOSENED TO A DEPTH OF AT LEAST THREE INCHES BEFORE TOPSOIL IS SPREAD. TOPSOIL PREVIOUSLY STOCKPILED SHALL BE EVENLY SPREAD OVER THE ENTIRE WORKED AREA TO A DEPTH OF AT LEAST SIX (6) INCHES AFTER COMPACTION, TO A SMOOTH FIRM SEEDBED WITH A 200 LB/FT ROLLER, CATTLEPCKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING. ADDITIONAL TOPSOIL SHALL BE PROVIDED WHERE ADJUSTMENTS ARE NECESSARY TO ATTAIN FINAL TRUE EVEN GRADES SHOWN ON THE DRAWINGS. TOPSOIL MAY BE SPREAD DURING ANY SEASON, EXCEPT THAT NO TOPSOIL SHALL BE SPREAD IN A FROZEN OR MUDDY CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ANY DAMAGE OR LOSS TO THE GRADE SURFACE CAUSED BY EROSION BEFORE PLANTING TAKES PLACE.

THE TOPSOIL SHALL BE TESTED FOR ELEMENT AND LIMESTONE REQUIREMENTS BY THE PENNSYLVANIA STATE UNIVERSITY. SAMPLES TO BE PROCESSED THROUGH THE COUNTY AGRICULTURAL AGENT. COPIES OF FINDINGS SHALL BE FILED WITH THE TOWNSHIP ENGINEER.

LIMESTONE SHALL BE APPLIED ACCORDING TO TEST OR AT A RATE OF ONE TON OF GROUND LIMESTONE PER ACRE.

FERTILIZER SHALL BE APPLIED ACCORDING TO SOIL TESTS, OR WORKED IN DEEPLY AT A RATE OF 1,000 LBS. OF 0-20-20 (N-P-K) OR EQUIVALENT PER ACRE (25 LB. PER 1,000 S.F.) AND AT THE TIME OF SEEDING WORK INTO THE SURFACE 1,000 LBS. OF 18-24-6 (N-P-K) OR EQUIVALENT PER ACRE. THE FERTILIZER SHALL CONTAIN THIRTY TO FORTY PERCENT NITROGEN DERIVED FROM NATURAL ORGANIC SOURCES. FERTILIZER SHALL BE COMPLETE AND DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED CONTAINER WHICH SHALL BEAR THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS.

GRASS SEED SHALL HAVE A MINIMUM PURITY OF 76%, MINIMUM GERMINATION OF 80% AND WEED CONTENT NOT EXCEEDING A MAXIMUM OF 1/2%. THE SEED MIXTURE SHALL BE KENTUCKY 31 TALL FESCUE AND REDTOP, PERCENT OF WEIGHT OF 88% AND 12% RESPECTIVELY, SOWN AT A RATE OF 2 LB./1000 S.F. (87 LBS./ACRE.) SEEDING SHALL OCCUR BETWEEN THE DATES OF APRIL 1 AND JUNE 15 AND JULY 25 TO SEPTEMBER 15.

IF A TEMPORARY COVER IS TO BE ESTABLISHED 100% ANNUAL RYERGRASS SHALL BE APPLIED AT A RATE OF 40 LB. PER ACRE BETWEEN THE DATES OF MARCH 1 TO JUNE 15 AND AUGUST 15 TO SEPTEMBER 15.

SUBSEQUENT TO THE TEMPORARY COVER THE ABOVE SPECIFIED PERMANENT COVER SHALL BE ESTABLISHED BY REWORKING THE TOPSOIL AND RESEEDING ACCORDING TO THE SPECIFIED PROCEDURE.

SEED SHALL BE APPLIED UNIFORMLY ACCORDING TO THE RATES INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION. THE GRASS SEED SHALL BE COVERED WITH 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT.

## TEMPORARY AND PERMANENT SEEDING SPECIFICATIONS

### TEMPORARY:

SPECIES: ANNUAL RYERGRASS  
% PURE LIVE SEED: 81%  
APPLICATION RATE: 40 LB./ACRE  
FERTILIZER TYPE: 10-20-20  
FERTILIZER APPLICATION RATE: 1000 LB./ACRE  
LIMING RATE: 1 TON/ACRE  
MULCH TYPE: HAY/STRAW  
MULCHING RATE: 3 TON/ACRE

### PERMANENT:

SPECIES: KENTUCKY 31 TALL FESCUE(88%) & REDTOP(12%)  
% PURE LIVE SEED: 76%  
APPLICATION RATE: 87 LB./ACRE  
FERTILIZER TYPE: 18-24-6  
FERTILIZER APPLICATION RATE: 1000 LB./ACRE  
LIMING RATE: 1 TON/ACRE  
MULCH TYPE: HAY/STRAW  
MULCHING RATE: 3 TON/ACRE  
ANCHOR MATERIAL: WOOD CELLULOSE  
ANCHORING METHOD: HYDROSEED  
RATE OF ANCHOR MATERIAL APPLICATION: 160 LBS. PER 1000 S.F.  
SEEDING SEASON DATES: APRIL 1 TO JUNE 15, JULY 25 TO SEPTEMBER 15

## MULCH RATE

(A) MULCHING SEEDED AREAS. PLACE MULCH OF THE KIND INDICATED, IMMEDIATELY AFTER SEEDING OR WITHIN 48 HOURS AFTER SEEDING IS COMPLETED. UNLESS OTHERWISE INDICATED, PLACE ONLY STRAW OR WOOD CELLULOSE OVER TOPSOILED AREAS. USE HAY, STRAW OR WOOD CELLULOSE IN OTHER AREAS, AS INDICATED OR SPECIFIED. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN. PLACE HAY OR STRAW UNIFORMLY, IN A CONTINUOUS BLANKET, AT A MINIMUM RATE OF 1,200 POUNDS PER 1,000 SQUARE YARDS, OR AS OTHERWISE INDICATED. IF DIRECTED, INCREASE THE RATE OF APPLICATION, DEPENDING UPON THE MATERIAL USED, SEASON, SOIL CONDITIONS, OR METHOD OF APPLICATION. AN ACCEPTABLE MECHANICAL BLOWER MAY BE USED TO APPLY MULCH. MACHINES WHICH CUT MULCH INTO SHORT PIECES WILL NOT BE PERMITTED. ANCHOR WITH ACCEPTABLE MATERIALS AT THE FOLLOWING RATES:

EMULSIFIED ASPHALT, UNIFORMLY NOT LESS THAN 31 GALLONS PER 1,000 SQUARE YARDS.

WOOD CELLULOSE, 160 POUNDS PER 1,000 SQUARE YARDS.

NONASPHALTIC EMULSION, 25 POUNDS PER 1,000 SQUARE YARDS.

CHEMICAL MULCH BINDERS, AT MANUFACTURER'S RECOMMENDED RATES.

USE CUTBACK ASPHALT IN PLACE OF EMULSIFIED ASPHALT DURING SUBFREEZING TEMPERATURES. INCORPORATE STRAW OVER TOPSOILED AREAS AND INTO THE SOIL, THEN SEED SOILS AND ROLL. AS SPECIFIED IN SECTION 804. HYDRAULICALLY APPLY WOOD-CELLULOSE FIBER. IT MAY BE INCORPORATED AS AN INTEGRAL PART OF THE SEED AND SOIL SUPPLEMENTS HAVE BEEN THOROUGHLY MIXED. APPLY UNIFORMLY AT THE RATE OF 320 POUNDS PER 1,000 SQUARE YARDS, UNLESS OTHERWISE INDICATED. MULCH TEMPORARY SEEDED AREAS WITH HAY.

(B) MULCHING PLANTED AREAS. UNIFORMLY AND CONTINUOUSLY MULCH PLANT BASINS, PLANT BEDS, OR OTHER AREAS, EXCEPT CROWNWEET AND REPLANTING PLANTINGS, TO A DEPTH OF 3 INCHES, OR AS INDICATED.

(C) MAINTENANCE. PROPERLY MAINTAIN MULCHED AREAS UNTIL THE ENTIRE PROJECT HAS BEEN COMPLETED. PROMPTLY REAPPLY MULCH MATERIALS WHICH BECOME DISLODGED OR LOST DUE TO WIND, RAIN, FIRE OR OTHER CAUSES, AT INITIAL OR MODIFIED RATES, AS DIRECTED. AFTER MULCHING WORK ON A SLOPE HAS BEEN SATISFACTORILY COMPLETED, IF A SLOPE FAILURE OCCURS, ONE WHICH REQUIRES REDRESSING, EXCAVATION, OR THE ESTABLISHMENT OF A NEW SLOPE, REPLACE THE MULCH, AS DIRECTED.

## MAINTENANCE

MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE FOR A PERIOD OF SIXTY DAYS PROVIDED THAT MAINTENANCE MAY FURTHER CONTINUE UNTIL THE CONTRACTOR HAS FULFILLED HIS RESPONSIBILITY TO PRODUCE A HEALTHY, THICK STAND OF GRASS, FREE OF WEEDS AND BARE SPOTS.

MAINTENANCE SHALL CONSIST OF KEEPING GRASSSED AREAS IN A HEALTHY GROWING CONDITION BY WEEDING, WATERING, MOWING, FERTILIZING, TRIMMING, AND BY ANY OTHER NECESSARY OPERATIONS FOR MAINTAINING PLANTING STANDS AS FREQUENTLY AS NECESSARY TO PRODUCE A THICK STAND OF GRASS. DAMAGED OR WASHED OUT AREAS SHALL BE PROMPTLY REPLANTED. SEEDING SHALL BE PROVIDED WHERE AND TO THE EXTENT NECESSARY TO PREVENT GULLING BY HEAVY CONCENTRATIONS OF WATER WHEREVER THEY MAY OCCUR.

THE DEVELOPER SHALL BE RESPONSIBLE FOR CONTINUED MAINTENANCE, CLEARING OF DEBRIS AND SILT DEPOSITS, THAT MAY OCCUR THROUGHOUT THE ENTIRE PERIOD OF DEVELOPMENT OF THE SUBJECT PROPERTY. THIS RESPONSIBILITY IS TRANSFERABLE AND BINDING TO ANY SUBSEQUENT DEVELOPER OR CORPORATION.

$$\text{LIMIT OF DISTURBANCE} = 0.19 \text{ Ac}$$

## BCCD E&S CONTROL PLAN STANDARD NOTES

### STANDARD EROSION AND SEDIMENT CONTROL PLAN NOTES

- STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.
- THE OPERATOR RESPONSIBLE PERSON (OR) ON-SITE SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
- UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE PERMITTEE AND COOPERATIVE SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. BEST MANAGEMENT PRACTICES SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO THE BUCKS COUNTY CONSERVATION DISTRICT COMPLETE WRITTEN INSPECTION LOGS OF ALL THESE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGRADING, RESEEDING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED EAS CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL FROM THE BUCKS COUNTY CONSERVATION DISTRICT.
- THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE BUCKS COUNTY CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL ADOPTED ROCK SOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.
- ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER UNDISTURBED AREAS.
- THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART I, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBCHAPTER C, PROTECTION OF NATURAL RESOURCES, ARTICLE II, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
- EROSION AND SEDIMENT BMP'S MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMP CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMP'S MUST BE STABILIZED IMMEDIATELY.
- AT LEAST 7 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL NOTIFY ALL CONTRACTORS INVOLVED IN THESE ACTIVITIES, THE LANDOWNER, AND APPROPRIATE MUNICIPAL OFFICIALS OF THE EROSION AND SEDIMENT CONTROL PLAN PREPARER, AND THE BUCKS COUNTY CONSERVATION DISTRICT TO AN ON-SITE MEETING. ALSO, AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THESE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITY LOCATIONS.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING AND GRUBBING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS DISTURBED DURING NON-GRASSING PERIODS. MULCHING SHALL BE COMPLETED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE RESTORED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISH GRADE OR WHICH WILL BE RESTORED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
- AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER 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.

### TEMPORARY STABILIZATION AND PERMANENT STABILIZATION

- HAY OR STRAW MULCH MUST BE APPLIED AT 3:0 TONS PER ACRE.
- MULCH WITH MULCH CONTROL, NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 OR STEEPER.
- STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
- UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMP'S AFTER EACH RUNOFF EVENT AND ON A PREVENTATIVE AND REMEDIATION SCHEDULE. ALL PREVENTATIVE AND REMEDIATION CLEANUP, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND REINSTITUTION, MUST BE DONE IMMEDIATELY, IF EROSION AND SEDIMENT CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
- SEDIMENT REMOVED FROM BMP'S SHALL BE DISPOSED OF IN LANDSCAPE AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS, OR DRAINAGE SWALES, AND IMMEDIATELY STABILIZED, OR PLACED IN TOPSOIL STOCKPILES.
- THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 261.1 ET SEQ. 271.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.
- OTHER ISSUES
- THE PROJECT'S RECEIVING WATERCOURSE IS NESHAMMY CREEK, AND THE CHAPTER 93 CLASSIFICATION IS TSF-MF.
- THE HOMEOWNER IS RESPONSIBLE FOR THE LONG TERM OPERATION AND MAINTENANCE OF THE BMP'S.
- IF THE SITE WILL NEED TO IMPORT OR EXPORT MATERIAL FROM THE SITE, THE RESPONSIBILITY FOR PERFORMING ENVIRONMENTAL DUE DILIGENCE AND DETERMINATION OF CLEAN FILL WILL REST WITH THE CONTRACTOR.

CLEAN FILL IS DEFINED AS: UNCONTAMINATED, NON-WATER SOLUBLE, NON-DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT, AND BRICK. BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF THE COMMONWEALTH OR OTHERWISE AUTHORIZED. THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR RE-USE.

CLEAN FILL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE. FILL MATERIALS AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE STILL QUALIFIED AS CLEAN FILL PROVIDED THE TESTING REVEALS THAT THE FILL MATERIAL CONTAINS CONCENTRATIONS OF REGULATED SUBSTANCES THAT ARE BELOW THE RESIDENTIAL LIMITS IN TABLES FP-1A AND FP-1B FOUND IN THE DEPARTMENT'S POLICY "MANAGEMENT OF FILL".

ANY PERSON PLACING CLEAN FILL THAT HAS BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE MUST USE FORM FP-001 TO CERTIFY THE ORIGIN OF THE FILL MATERIAL, AND THE RESULTS OF THE ANALYTICAL TESTING TO QUALIFY THE MATERIAL AS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE OWNER OF THE PROPERTY RECEIVING THE FILL. A COPY OF FORM FP-001 CAN BE FOUND AT THE END OF THESE INSTRUCTIONS.

ENVIRONMENTAL DUE DILIGENCE. THE APPLICANT MUST PERFORM ENVIRONMENTAL DUE DILIGENCE TO DETERMINE IF THE FILL MATERIALS ASSOCIATED WITH THE PROJECT QUALIFY AS CLEAN FILL. ENVIRONMENTAL DUE DILIGENCE IS DEFINED AS INVESTIGATIVE TECHNIQUES, INCLUDING, BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP HISTORY, PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSPORT EXPERIENCES, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS. ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTION AND/OR REVIEW OF THE PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE. IF THE FILL MAY HAVE BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE, IT MUST BE TESTED TO DETERMINE IF IT QUALIFIES AS CLEAN FILL. TESTING SHOULD BE PERFORMED IN ACCORDANCE WITH APPENDIX A OF THE DEPARTMENT'S POLICY "MANAGEMENT OF FILL".

FILL MATERIAL THAT DOES NOT QUALIFY AS CLEAN FILL IS REGULATED FILL. REGULATED FILL IS WASTE AND MUST BE MANAGED IN ACCORDANCE WITH THE DEPARTMENT'S MUNICIPAL OR RESIDUAL WASTE REGULATIONS BASED ON 25 PA CODE CHAPTERS 267 RESIDUAL WASTE MANAGEMENT OR 271 MUNICIPAL WASTE MANAGEMENT, WHICHEVER IS APPLICABLE. THESE REGULATIONS ARE AVAILABLE ONLINE AT WWW.PA.GOV/CDM.

### SEQUENCE OF CONSTRUCTION:

- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED, UNLESS NOTED OTHERWISE. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.
- AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITY LOCATIONS.
- NOTIFY TOWNSHIP, TOWNSHIP ENGINEER, AND BUCKS COUNTY CONSERVATION DISTRICT THREE (3) WORKING DAYS PRIOR TO START OF CONSTRUCTION.
- INSTALL SEDIMENT BARRIERS AND CONSTRUCTION ENTRANCE AS SHOWN IN PLAN VIEW.
- GRADE REMAINING PORTIONS OF LOT WHICH ARE NECESSARY TO FACILITATE CONSTRUCTION.
- CONSTRUCT PROPOSED POOL AND POOL DECK.
- COMPLETE PLUMBING AND ELECTRICAL WIRING.
- FINAL GRADE. ALL DENUDED AREAS AND SPREAD STOCKPILED TOPSOIL, AT MINIMUM OF 6", IMMEDIATELY STABILIZE. ALL DENUDED AREAS TO RE-ESTABLISH VEGETATION.
- IMMEDIATELY RE-STABILIZE ANY RE-DISTURBED AREAS.

### CHAPTER 93 RECEIVING WATER CLASSIFICATION

RUNOFF FROM THIS SITE DRAINS TO AN UNNAMED TRIBUTARY OF THE MILL CREEK (DELAWARE RIVER SOUTH WATERSHED), WHICH HAS A PA CHAPTER 93 RECEIVING WATER CLASSIFICATION OF WW, WF (WARMS WATER FISHES, MIGRATORY FISHES).

SOILS LEGEND AND TABLE OF LIMITATIONS & RESOLUTIONS BASED ON USDA-NRCS WEB SOIL SURVEY OF BUCKS COUNTY, PENNSYLVANIA									
SYMBOL	MAPPING UNITS	SLOPE	LAND CAPABILITY	HYDRO GROUP	DEPTH TO BEDROCK	LIMITATIONS FOR CONSTRUCTION	RESOLUTION OF LIMITATIONS		
Urb	URBAN LAND-LANSDALE COMPLEX	0-8%	8s-2s	NO	B	54"-99"	MORE THAN 80"	NONE SPECIFIED	FOLLOW PLAN SPECIFICATIONS
Uxb	URBAN LAND-PENN COMPLEX	0-8%	8s-2s	NO	B	72"-99"	MORE THAN 80"	SOMEWHAT LIMITED	FOLLOW PLAN SPECIFICATIONS

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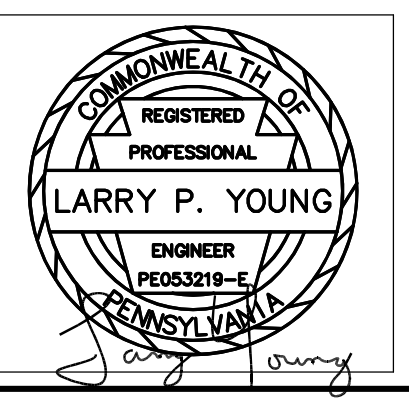
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1381 REVERE RD  
LANCASTER, PA 17607  
APPLICANT  
K & S POOLS AND PATIOS  
1980 BIO GAK ROAD  
LANCASTER, PA 17604

Job No. 20-09003  
Date: 11/19/2020  
Scale: 1"=20'  
Tax Parcel No.: 20-059-021  
Acreage: 0.383 AC. (16,675.0 SF)  
No. of Lots: 1  
Designed By: STAFF  
Drawn By: STAFF  
Checked By: JAO

REVISION	DESCRIPTION	DATE	DRAWN BY
1	PER ZONING OFFICER REVIEW DATED 12-21-2020	01-12-2021	JAO

SCALE IN FEET  
0 20 40 60

**TRI-STATE ENGINEERS & LAND SURVEYORS, INC.**  
CIVIL ENGINEERS • MUNICIPAL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECT  
804 WEST STREET RD, FEASTERTVILLE, PENNSYLVANIA 19053  
PHONE: 215-357-5950 FAX: 215-357-2836



**1381 REVERE ROAD**  
**TMP 20-059-021**  
**E&S PLAN**  
**LOWER MAKEFIELD TOWNSHIP**  
**BUCKS COUNTY, PA**  
**SHEET 2 OF 2**