

GENERAL SANITARY SEWER NOTES

1. NOT ALL FITTINGS GUARANTEED TO BE SHOWN.
2. CONTRACTOR SHALL MAINTAIN EXISTING SEWAGE FLOWS THROUGHOUT CONSTRUCTION.
3. CONTRACTOR SHALL FIELD LOCATE ALL EXISTING SANITARY SEWER IMPROVEMENTS. CONTRACTOR SHALL VERIFY EXISTING LOCATIONS, TYPES AND DEPTHS PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
4. NEW SEWER PIPING SHALL BE PVC SDR-26 MEETING ASTM D3034/F679 REQUIREMENTS AND ASTM F477 FOR GASKETS AND ASTM D3212 FOR JOINTS.

GENERAL WATER SERVICE NOTES

1. NOT ALL FITTINGS GUARANTEED TO BE SHOWN.
2. CONTRACTOR SHALL FIELD LOCATE EXISTING WATER IMPROVEMENTS PRIOR TO CONSTRUCTION AND VERIFY EXISTING PIPE LOCATIONS, TYPE AND DEPTHS PRIOR CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. ALL BURIED FITTINGS AND VALVES SHALL HAVE MECHANICAL JOINTS. ALL JOINTS SHALL BE MECHANICALLY RESTRAINED USING EBAA PRODUCTS, OR EQUAL APPROVED BY THE ENGINEER.
4. ALL WATER VALVES SHALL BE GATE VALVES. MUELLER OR APPROVED EQUAL.
5. FURNISH ALL VALVES WITH ACTUATOR STEMS. ALL SHALL BE INSTALLED WITHIN VALVE BOXES WITH FRAMES AND COVER. COVERS SHALL BE MARKED WITH "W".
6. CONTRACTOR SHALL DISINFECT AND TEST LINES PRIOR TO PUTTING INTO USE.
7. DUCTILE IRON PIPE AND FITTINGS SHALL HAVE EXTERIOR ASPHALTIC COATING. THE SAME SHALL HAVE INTERIOR CEMENTITIOUS LINING PER AWWA C104.

POST CONSTRUCTION STORMWATER MANAGEMENT NOTES

1. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE STABILIZED IMMEDIATELY. DURING NON-SEMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WILL BE REDISTURBED WITHIN ONE YEAR MAY BE STABILIZED IN ACCORDANCE WITH TEMPORARY SEEDING SPECIFICATIONS. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH PERMANENT SEEDING SPECIFICATIONS.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ANY EXCESS MATERIAL AND MAKE SURE SITE(S) RECEIVING THE EXCESS HAS AN APPROVED EROSION CONTROL PLAN THAT MEETS THE CONDITIONS OF CHAPTER 102 AND/OR OTHER STATE, FEDERAL, REGULATIONS.
3. ALL BUILDING MATERIALS AND WASTES MUST BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE §260.1 ET. SEQ., §271.1 ET. SEQ., AND §287.1 ET. SEQ. NO BUILDING MATERIAL OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE. ANTICIPATED CONSTRUCTION WASTE INCLUDES, BUT IS NOT LIMITED TO, CONCRETE, PLASTIC, GEOTEXTILE, WOOD, METAL, AND PAINT.
4. ALL RELATED SEDIMENT AND EROSION CONTROL FACILITIES SHALL BE IN PLACE AND CAPABLE OF FUNCTIONING AS INTENDED PRIOR TO EROSION/CONTROL ACTIVITY WITHIN THEIR CONTRIBUTING WATERSHED AREAS. ALL SEDIMENT AND EROSION CONTROL FACILITIES SHALL REMAIN SO UNTIL AT LEAST 70% PERENNIAL VEGETATIVE COVER IS WELL ESTABLISHED ACROSS THE ENTIRE UPSLOPE PROJECT DRAINAGE AREA.
5. BACKFILLED EXCAVATIONS SHALL BE RESTORED TO ORIGINAL TYPE OF COVER AND GRADE AS PER SPECIFICATIONS. SEEDING SHALL BE DONE ACCORDING TO SCHEDULED OR PERMANENT SEEDING. TEMPORARY STABILIZATION IS REQUIRED FOR ANY AND ALL ERODIBLY/SOLUBLE AREAS AND MATERIALS TO BE EXPOSED FOR A PERIOD OF TIME EXCEEDING 1 DAY.
6. ALL AREAS SHALL BE FINISHED GRADED WITH 6-INCHES OF TOPSOIL UNLESS OTHERWISE NOTED. POSITIVE DRAINAGE SHALL BE MAINTAINED AWAY FROM ALL STRUCTURES. NO ISOLATED LOW SPOTS SHALL BE CREATED.
7. ALL NON-USABLE MATERIAL AND DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
8. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION CONTROL BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION BMP'S AFTER EACH RUNOFF EVENT AND ON A WEEKLY SCHEDULE. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND REMATTING MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENTATION CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
9. FINAL RESTORATION SHALL BE PERFORMED NO LATER THAN THE START OF THE NEXT PLANTING SEASON FOLLOWING CONSTRUCTION. THE PLANTING SEASON SHALL BE AS ESTABLISHED BY THE U.S. AGRICULTURAL SERVICE FOR THE AREA OF CONSTRUCTION.
10. TOPSOIL SHALL BE FREE FROM SUBSOIL, BRUSH, WEEDS, OR OTHER LITTER, CLAY LUMPS AND STONES, BUT MAY CONTAIN DECAYING VEGETABLE MATTER AS IS PRESENT IN GOOD TOPSOIL.
11. SEED SHALL BE NOT MORE THAN TWO (2) YEARS OLD. GERMINATION TESTS OF SEEDS SHALL BE MADE NOT MORE THAN SIX (6) MONTHS PRIOR TO SEEDING. SEED WHICH HAS BECOME WET, MOLDY, OR OTHERWISE DAMAGED SHALL NOT BE USED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO PRODUCE A STAND OF GRASS IN ALL SEEDED OR SOODED AREAS. EROSION, DROUGHT, OR ANY OTHER CONDITION ENCOUNTERED SHALL NOT RELIEVE THE CONTRACTOR OF THIS REQUIREMENT.
13. DURING NON-GROWING SEASONS ANY DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH STRAW OR HAY MULCH APPLIED AT A RATE OF 3 TONS PER ACRE.
14. ALL MULCH SHALL BE ANCHORED SECURELY BY MEANS OF CRIMPING, NETTING OR OTHER APPROVED METHODS.
15. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE THE DISTURBED AREAS. DURING NON-GERMINATION PERIODS, MULCH MUST BE APPLIED AT THE RATE SPECIFIED. DISTURBED AREAS WHICH ARE NOT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINAL GRADE OR WHICH WILL NOT BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
16. AN EROSION CONTROL BLANKET IS TO BE INSTALLED ON ALL DISTURBED SLOPES STEEPER THAN 3:1, ALL AREAS OF CONCENTRATED FLOW, AND AREAS WITHIN 50' OF STREAMS.
17. A LICENSED PROFESSIONAL OR DESIGNER REPRESENTATIVE SHALL BE PRESENT ON SITE DURING SOIL AMENDMENT.

STORMWATER MANAGEMENT OWNERSHIP, OPERATIONS AND MAINTENANCE SCHEDULE

1. PROPOSED PERMANENT STORMWATER MANAGEMENT FACILITIES SHOWN ON THIS PLAN SHALL BE OWNED AND MAINTAINED BY THE OWNER OF THE PROPERTY (YORK COUNTY, HEIRS OR SUCCESSORS). A DESCRIPTION OF THE FACILITIES(ES) AND THE TERMS OF THE REQUIRED MAINTENANCE SHALL BE INCORPORATED AS PART OF THE STORMWATER MANAGEMENT PLANS AND OTHER REQUIREMENTS STATED IN THE MUNICIPALITY SUBDIVISION AND LAND DEVELOPMENT ORDINANCE AND STORMWATER MANAGEMENT ORDINANCE. ALL STORMWATER FACILITIES SHALL BE MAINTAINED IN GOOD CONDITIONS AND PROMPTLY REPAIRED OR RESTORED WHEN DAMAGE OCCURS. THIS INCLUDES BUT NOT LIMITED TO GRADING AND VEGETATION IN AND DRAINING TO STORMWATER FACILITIES, STORMWATER STRUCTURES AND OTHER PROTECTIVE DEVICES. SUCH REPAIRS AND RESTORATION SHALL BE IN ACCORDANCE WITH THESE APPROVED PLANS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE AND REPAIR OF STORMWATER MANAGEMENT FACILITIES UNTIL RELEASED FROM THIS PROJECT AND THE RESPONSIBILITIES ARE TURNED OVER TO THE PROPERTY OWNER.
3. INSPECTIONS OF THE STORMWATER MANAGEMENT BMP'S SHALL BE CONDUCTED QUARTERLY AND AFTER MAJOR STORM EVENTS (1 INCH OR GREATER RAINFALL AMOUNT). A DETAILED INSPECTION BY A QUALIFIED INSPECTOR SHALL BE COMPLETED ANNUALLY TO ENSURE THAT THE FACILITY IS OPERATING AS DESIGNED. THE INSPECTIONS SHOULD BE COMPLETED DURING WET WEATHER. IN ADDITION TO REGULARLY SCHEDULED MAINTENANCE, DEFICIENCIES SHOULD BE NOTED DURING ANY VISIT BY MAINTENANCE PERSONNEL. THE DUTIES INCLUDE, BUT ARE NOT LIMITED TO:
 - OPEN SPACE:
 - VEGETATION SHALL BE MAINTAINED IN GOOD CONDITION AND REMAIN VEGETATIVE. INVASIVE AND NOXIOUS PLANTS AS DEFINED BY PENNSYLVANIA DEPARTMENT OF AGRICULTURE (PDAA) AND PENNSYLVANIA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES (PA DCONR) SHALL BE REMOVED AND DISPOSED OF PROPERLY.
 - INSPECTION SHALL OCCUR AT LEAST TWICE A YEAR.
 - FREQUENCY OF MOWING SHALL COMPLY WITH AND BE REGULATED BY THE ACCEPTABLE VEGETATION GROWTH HEIGHT AS DICTATED BY MUNICIPAL ORDINANCES. IN THESE AREAS CHEMICAL WEED CONTROL MAY BE USED IF FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS ARE MET.
 - STORM SEWER:
 - INLET BOXES AND OTHER STORM SEWER STRUCTURES SHALL BE CLEANED OUT ON AN AS-NEED BASIS. DEBRIS SHOULD BE REMOVED FROM THE GRATES, AND SEDIMENT AND OR STONE STONES SHOULD BE REMOVED FROM THE STRUCTURES. INSPECTION OF ALL SHALL BE PERFORMED AT LEAST ONCE EVERY SIX MONTHS.
 - OUTLET PIPES SHALL BE INSPECT AT LEAST EVERY 90 DAYS AND BE CLEARED OF ALL DEBRIS. ENSURE OUTLET RIP RAP APRONS ARE NOT ERODED AND IF ERODED REPAIR IMMEDIATELY.
4. RESPONSIBLE PARTY (UPON RELEASE OF CONTRACTOR): YORK COUNTY.

GENERAL STORMWATER FACILITIES AND STORM SEWER NOTES

1. MANHOLES, INLETS, INLET GRATES (BICYCLE SAFE), STORM SEWER PIPES AND ENDWALLS SHALL CONFORM TO PENNSYLVANIA DEPARTMENT OF TRANSPORTATION (PENNDOT) PUBLICATION 408 LATEST VERSION FOR ROADWAY CONSTRUCTION AND MUNICIPALITY ORDINANCES AND MATERIAL SPECIFICATIONS AND AS SHOWN ON THESE PLANS.
2. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS AND RELOCATE AS NECESSARY FOR STORMWATER FACILITY INSTALLATION.
3. ALL STORM SEWER PIPES SHALL BE SMOOTH LINE CORRUGATED PLASTIC PIPE UNLESS OTHERWISE NOTED.
4. A STORM SEWER CONNECTIONS SHALL BE WATER TIGHT.
5. CONSTRUCTION OF STORMWATER MANAGEMENT AND EROSION CONTROL FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPALITY STORMWATER MANAGEMENT ORDINANCE AND COUNTY CONSERVATION DISTRICT STANDARDS AND SPECIFICATIONS.
6. EASEMENT CONFLICTS PROHIBITED: NOTHING SHALL BE PLACED, PLANTED, SET, OR PUT WITHIN THE AREA OF ANY EASEMENT THAT WOULD ADVERSELY AFFECT THE FUNCTION OF THE EASEMENT. NO PERSON SHALL PLACE ANY STRUCTURE, FILL, LANDSCAPING OR VEGETATION INTO A STORMWATER MANAGEMENT FACILITY OR WITHIN A DRAINAGE EASEMENT WHICH WILL LIMIT OR ALTER THE FUNCTIONS OF THE FACILITY OR EASEMENT IN ANY WAY.
7. THE MUNICIPALITY SHALL HAVE THE RIGHT TO ACCESS THE SITE TO INSPECT STORMWATER FACILITIES AT ANY REASONABLE TIME. IF THE MUNICIPALITY DETERMINES, AT ANY TIME, THAT ANY PERMANENT STORMWATER MANAGEMENT FACILITY HAS BEEN ELMINATED, ALTERED OR IMPROPERLY MAINTAINED, THE LANDOWNER OF THE LOT AND OR THE RESPONSIBLE PARTY FOR THE OPERATION AND MAINTENANCE OF THE FACILITY SHALL BE ADVISED OF CORRECTIVE MEASURES REQUIRED AND GIVEN A REASONABLE PERIOD OF TIME, WITHIN WHICH TO TAKE SUCH CORRECTIVE ACTION. IF SUCH CORRECTIVE ACTION IS NOT TAKEN BY THE LANDOWNER, THE MUNICIPALITY MAY CAUSE THE WORK TO BE DONE AND SHALL TAKE THE APPROPRIATE ACTION TO FILE A MUNICIPAL CLAIM PURSUANT TO THE PA MUNICIPAL CLAIMS AND TAX LENS ACT, ACT 1923, MAY 16, P.L. 207, AS AMENDED AND SUPPLEMENTED, AS A LIEN UPON THE REAL PROPERTY UPON WHICH THE WORK WAS DONE.
8. MUNICIPALITY SHALL BE NOTIFIED IN THE EVENT SINKHOLES ARE ENCOUNTERED DURING CONSTRUCTION OR DEVELOP OVER THE LIFE OF THE FACILITY. THE SERVICES OF A REGISTERED GEOLOGIST SHALL BE OBTAINED TO ASSIST IN RECOMMENDING CONSTRUCTION TECHNIQUES AND PERMANENT FACILITIES NECESSARY TO AVOID FURTHER SINKHOLE CREATION AND WITH REGARD TO THE REPAIR OF ANY EXISTING SINKHOLES.
9. THE STORMWATER MANAGEMENT FACILITIES HAVE BEEN DESIGNED BASED UPON THE IMPERVIOUS COVERAGE SET FORTH ON THESE PLANS. INSTALLATION OF IMPERVIOUS AREA BEYOND THE ANCHORED OR SPECIFIED ON THE PLAN WILL REQUIRE APPROVAL FROM THE MUNICIPALITY AND FROM THE COUNTY CONSERVATION DISTRICT WHEN ASSOCIATED WITH AN APPROVED NPDES PERMIT.
10. ANY REVISION WHICH INVOLVES A CHANGE IN STORMWATER MANAGEMENT CONTROL MEASURES, OR WHICH IS NECESSARY BECAUSE SOL OR OTHER CONDITIONS ARE NOT AS STATED ON THE APPROVED PLAN, SHALL REQUIRE APPROVAL FROM THE MUNICIPALITY AND FROM THE COUNTY CONSERVATION DISTRICT WHEN ASSOCIATED WITH AN APPROVED NPDES PERMIT.
11. THE STORMWATER MANAGEMENT AGREEMENT TO BE RECORDED WITH THE FINAL PLAN, FURTHER INDICATES THE REQUIRED RESPONSIBILITIES OF OWNERSHIP AND MAINTENANCE OF THE STORMWATER MANAGEMENT FACILITIES.

GENERAL CONTRACTOR NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF DAMAGED OR DESTROYED EXISTING LANDSCAPE AND/OR SITE FEATURES WHICH ARE TO REMAIN.
2. PLAN LOCATION AND DIMENSIONS SHALL BE STRICTLY ADHERED TO UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE.
3. PRIOR TO BUILDING STAKEOUT, CONTRACTOR SHALL VERIFY DIMENSIONS SET FORTH ON LATEST ARCHITECTURAL PLANS.
4. ALL CONSTRUCTION TO CONFORM TO THE MUNICIPAL COUNTY ORDINANCES AND SPECIFICATIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, TRENCH BARRICAADING, COVERING, SHEETING AND SHORING, IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
6. THE CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING SITE CONDITIONS, UTILITIES AND DIMENSIONS PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING THE SAFE FLOW OF TRAFFIC DURING CONSTRUCTION WITHIN THE SITE AND THE EXISTING ROAD RIGHT-OF-WAY WHILE ENTERING AND LEAVING SITE.
8. DIMENSIONS AND GEOMETRY SHOWN ON THIS PLAN SHALL BE VERIFIED DURING STAKE-OUT CALCULATIONS AND FIELD STAKE-OUT.
9. THE BOUNDARIES OF THE 100 YEAR FLOODPLAIN, WETLANDS, LIMIT OF EARTH DISTURBANCE AND STORMWATER AND SANITARY INFILTRATION AREA MUST BE FIELD STAKED PRIOR TO ANY ON-SITE CONSTRUCTION.
10. THERE SHALL BE NO CHANGES OR DEVIATION FROM THESE PLANS UNLESS APPROVED BY THE ENGINEER. SUCH PLAN CHANGES SHOULD THEY BECOME NECESSARY, ARE SUBJECT TO MUNICIPAL ORDINANCES, THE TOWNSHIP SHALL HAVE JURISDICTION OVER ANY MODIFICATION TO THE RECORDED PLANS.
11. THE OFFICE OF THE ENGINEER SHALL BE CONTACTED BY THE CONTRACTOR IN THE CASE OF ANY DISCREPANCY BETWEEN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS AND OR DISCREPANCY BETWEEN THESE PLANS, THE SOIL EROSION AND SEDIMENTATION CONTROL PLANS AND THE POST CONSTRUCTION STORMWATER MANAGEMENT PLANS, PRIOR TO PROCEEDING WITH CONSTRUCTION.
12. IN THE CASE OF ANY DISCREPANCY BETWEEN FIGURED AND SCALED DIMENSIONS, THE FIGURED DIMENSIONS SHALL BE UTILIZED.
13. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND OBTAINING ALL NECESSARY PERMITS REQUIRED TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THESE PLANS.
14. THE OFFICE OF THE ENGINEER SHALL BE CONTACTED BY THE CONTRACTOR WHEN THE CRITICAL STAGES OF STORMWATER MANAGEMENT INSTALLATION AS OUTLINED ON THE SOIL EROSION AND SEDIMENTATION CONTROL PLANS AND POST CONSTRUCTION STORMWATER MANAGEMENT PLANS.
15. THE ILLUMINATION FROM ANY PROPOSED EXTERIOR LIGHTS SHALL BE DIRECTED DOWNWARDS AND THE LIGHTS SHALL BE INSTALLED SO THAT NO GLARE IS CAST ON ADJOINING PROPERTIES OR ROADWAYS.
16. FILL SHALL BE PLACED IN SIX (6) INCH (+/-) TWO (2) INCH) MEASURED LOOSE LIFTS AND COMPACTED TO NOT LESS THAN 95% OF STANDARD DENSITY AS DETERMINED BY AASHTO METHOD T-99 (UNLESS OTHERWISE SPECIFIED BY THE GEOTECHNICAL ENGINEER.)

MAINTENANCE PROGRAM

1. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMP'S AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
2. ALL SEDIMENT REMOVED FROM BMP'S WILL BE RETURNED TO UPLAND AREAS ON SITE AND INCORPORATED INTO THE SITE GRADING.
3. A LOG SHOWING DATES THAT E&S BMP'S 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 REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
4. THE PERMITTEE AND CO-PERMITTEES MUST ENSURE THAT VISUAL SITE INSPECTIONS ARE CONDUCTED WEEKLY, AND AFTER EACH MEASURABLE PRECIPITATION EVENT BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL, TO ASCERTAIN THAT THE EROSION AND SEDIMENT CONTROL (E&S) BMP'S ARE OPERATIONAL AND EFFECTIVE IN PREVENTING POLLUTION TO THE WATERS OF THE COMMONWEALTH. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE:
 - 1.) A SUMMARY OF THE SITE CONDITIONS, E&S BMP'S, AND COMPLIANCE; AND
 - 2.) THE DATE, TIME, AND THE NAME OF THE PERSON CONDUCTING THE INSPECTION.
5. SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEP INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

GENERAL GRADING NOTES

1. A MINIMUM OF 4 INCHES OF TOPSOIL IS TO BE PLACED ON ALL DISTURBED AREAS THAT DO NOT HAVE PROPOSED IMPERVIOUS COVER.
2. ALL GRADES ARE TO BE TAKEN AS BEING DIRECT BETWEEN ANY TWO ELEVATIONS SHOWN.
3. CONTOURS SHALL BE USED AS GRADE POINTS WHERE NO ELEVATIONS ARE SHOWN.
4. TOPS AND BOTTOMS OF ALL SLOPES SHALL BE ROUNDED OFF TO SMOOTH CURVES FIVE FEET LONG UNLESS OTHERWISE NOTED.
5. WALKS CONNECTING TO OUTSIDE ENTRANCES SHALL BE THE SAME WIDTH AS THE SILL OR MASONRY OPENING UNLESS SHOWN OTHERWISE.
6. HIGH AND LOW POINTS ON WALKS SHALL BE ROUNDED OFF TO A DISTANCE OF AT LEAST FIVE FEET TO SHOW NO ABRUPT CHANGE OF GRADE.
7. POSITIVE DRAINAGE SHALL BE MAINTAINED AWAY FROM ALL STRUCTURES. NO ISOLATED LOW SPOTS SHALL BE CREATED.
8. ALL LAWN AREAS DISTURBED DURING CONSTRUCTION ARE TO BE BACKFILLED AS REQUIRED, TOPSOIL PLACED, GRADED, SEEDED AND MULCHED.

GENERAL UTILITY NOTES

1. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. THE CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITY SERVICES WITHOUT WRITTEN PERMISSION FROM THE OWNER OF THE UTILITY. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OPERATION SHALL BE IMMEDIATELY AND COMPLETELY REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITIES AT LEAST 72 HOURS PRIOR TO THE START OF ANY CONSTRUCTION. ALL UTILITIES HAVE BEEN IDENTIFIED BASED ON THE BEST AVAILABLE INFORMATION AND LISTED ON THESE PLANS IN ACCORDANCE WITH ACT 187 REQUIREMENTS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES AND ALL EFFORTS SHALL BE UNDERTAKEN TO PROTECT EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE TO UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. RESTORATION OF ALL EXISTING SURFACE IMPROVEMENTS DAMAGE OR ALTERED DURING CONSTRUCTION, INCLUDING LANDSCAPING, SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. ALL UTILITY LINES AND OTHER UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND BASED ON LOCATIONS OF EXISTING SURFACE APPURTENANCES AND PA ONE CALL MARKINGS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LOCATIONS AND DEPTHS OF THESE FACILITIES PRIOR TO CONSTRUCTION AND EXCAVATION.
4. ALL PROPOSED AND EXISTING UTILITIES THAT REMAIN IN PLACE SHALL BE MADE ACCESSIBLE TO THE RESPECTIVE UTILITY PROVIDERS FOR THE PURPOSES OF FUTURE UPGRADE AND REPAIR. ACCESSIBILITY SHALL BE IN ACCORDANCE WITH EACH UTILITY PROVIDERS' SPECIFICATIONS.
5. ALL UTILITIES SHALL HAVE A MINIMUM OF ONE (1) FOOT HORIZONTAL AND VERTICAL CLEARANCE UNLESS OTHERWISE NOTED.
6. ALL UNDERGROUND ELECTRIC CONDUITS AND LINES WILL BE INSTALLED A MINIMUM OF 3-FEET BELOW THE BOTTOM OF THE PROPOSED ASPHALT.
7. THE OWNER SHALL INSTALL ALL UNDERGROUND UTILITIES BEFORE PAVING STREETS OR CONSTRUCTING SIDEWALKS.
8. ELECTRIC, GAS AND TELEPHONE UTILITY SERVICES WILL BE DESIGNED AND INSTALLED BY THE PUBLIC UTILITY COMPANIES.

LEGEND (Existing)

DESCRIPTION	DESCRIPTION	DESCRIPTION
Property Line	Fence	
Right Of Way Line	Guardrail	
Easement Line	Storm Sewer Line	
Road/Drive Centerline	Sanitary Sewer Line	
Building Setback Line	Underground Telephone Line	
Index Contour Line (5')	Water Line	
Contour Line (1')	Gas Line	
Zoning Boundary	Underground Electric Line	
Soil Type/Boundary	Overhead Electric Line	
Edge Of Road	Overhead Telephone Line	
Edge of Stones	Overhead Electric & Telephone Line	
Building	To Be Removed	
Sign	Electric Box	Storm Sewer Manhole
Storm Sewer Inlet	Telephone Box	Sanitary Sewer Manhole
Cleanout	Cable Box	Telephone Manhole
Fire Hydrant	Utility Pole	Well
Deciduous Tree	Light Post	Benchmark
Evergreen Tree		

LEGEND (PROPOSED)

DESCRIPTION	DESCRIPTION
PROPERTY LINE	CONTOUR LINE
RIGHT OF WAY	CONTOUR LINE INDEX
EASEMENT LINE	STORM SEWER LINE
BUILDING SETBACK LINE	SANITARY SEWER LINE
Road/Drive CENTERLINE	FORCEMAIN
FENCE	WATER LINE
UNDERGROUND ELECTRIC LINE	GAS LINE
UNDERGROUND TELEPHONE LINE	BUILDING
SIGN	ELECTRIC METER
STORM SEWER INLET	ELECTRIC BOX
CLEANOUT	TELEPHONE BOX
FIRE HYDRANT	UTILITY POLE
WELL	LIGHT POST
WATER VALVE	STORM SEWER MANHOLE
WATER METER	DECIDUOUS TREE
GAS VALVE	EVERGREEN TREE
GAS METER	HANDICAP SPACE
	WHEEL STOP



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REVISIONS	MARK	ISSUED DATE	DESCRIPTION
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SHEET TITLE

PLAN NOTES
AND LEGEND
SHEET

ISSUED FOR BID

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