

LOCATION MAP
SCALE: 1" = 1,000'

PLAN PREPARED BY:
JUSTIN MASSIE
TERRAFORM ENGINEERING, LLC
ONE EAST BROAD STREET
SUITE 330
BETHLEHEM, PA 18018

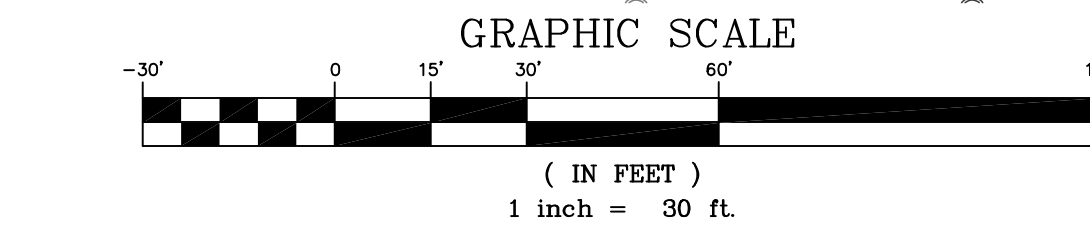
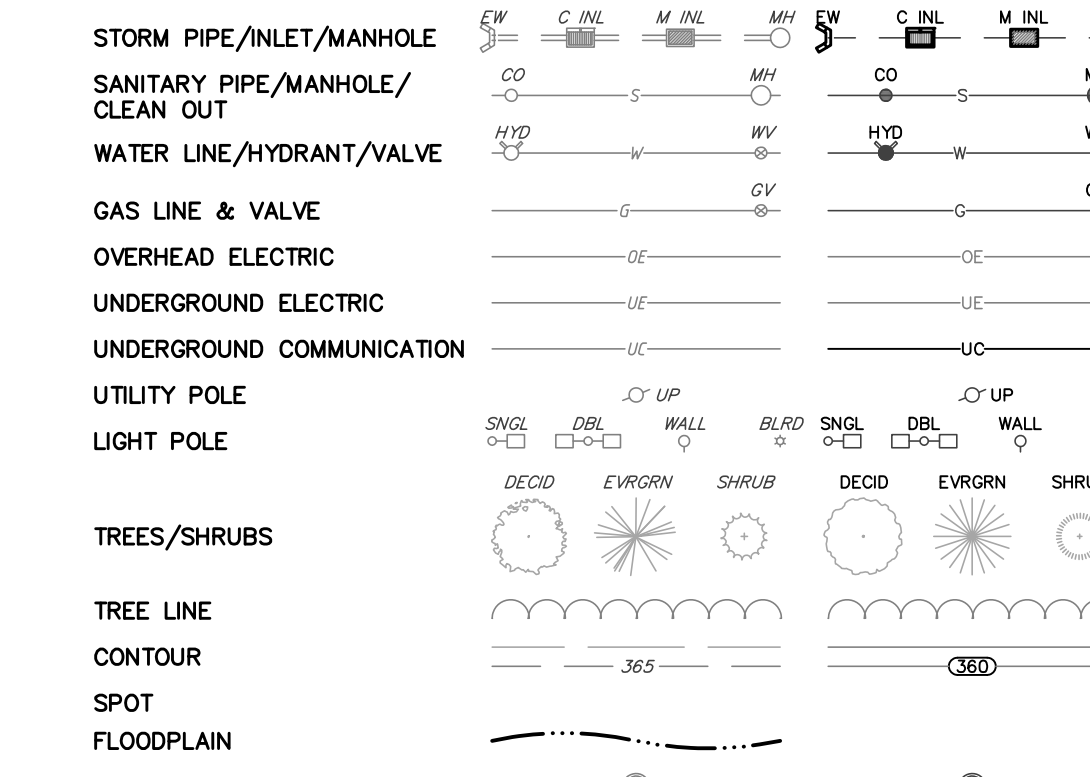
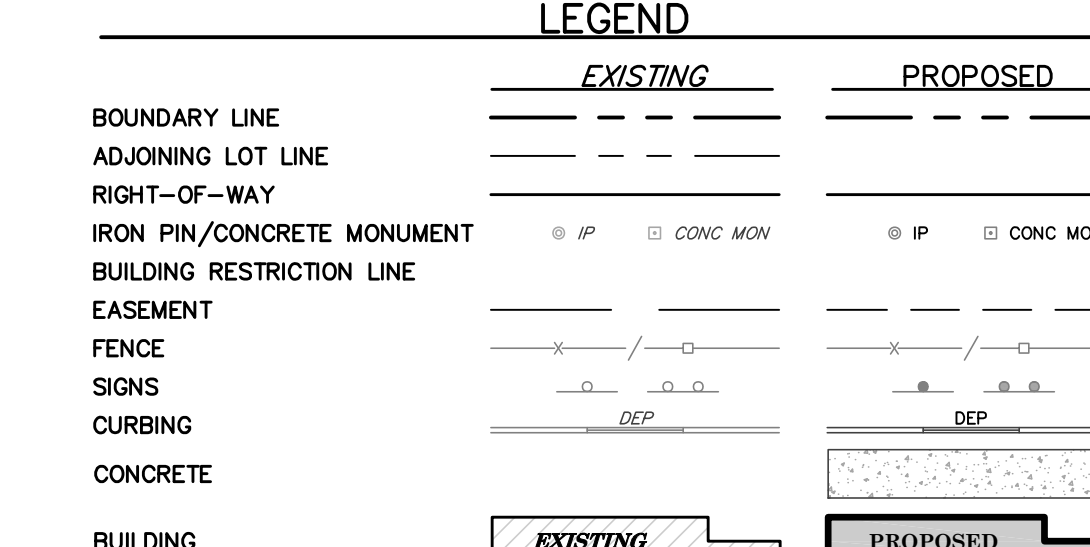
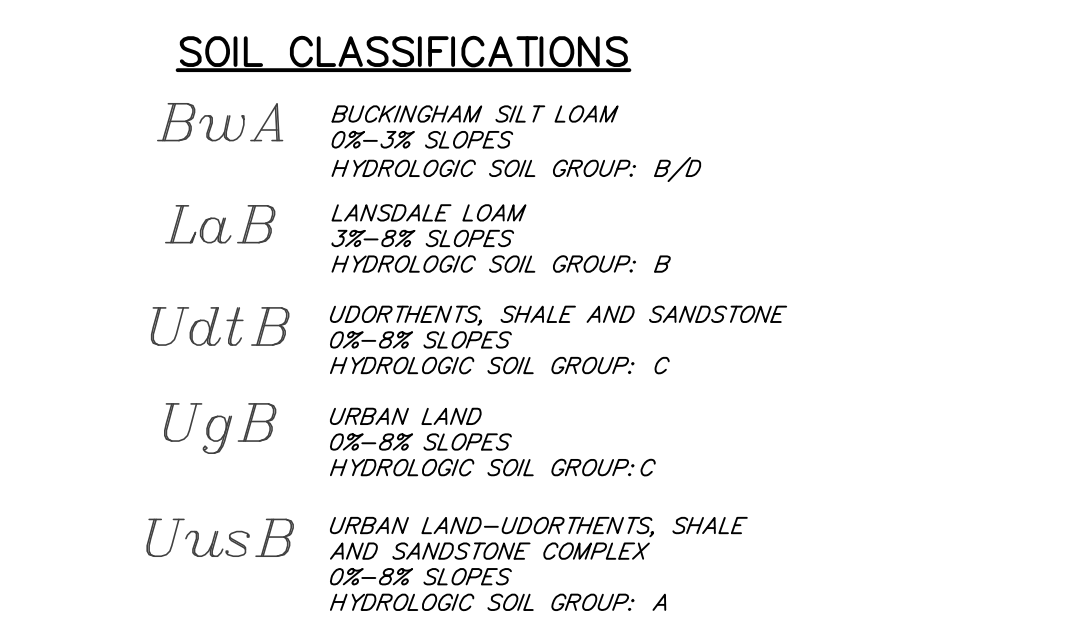
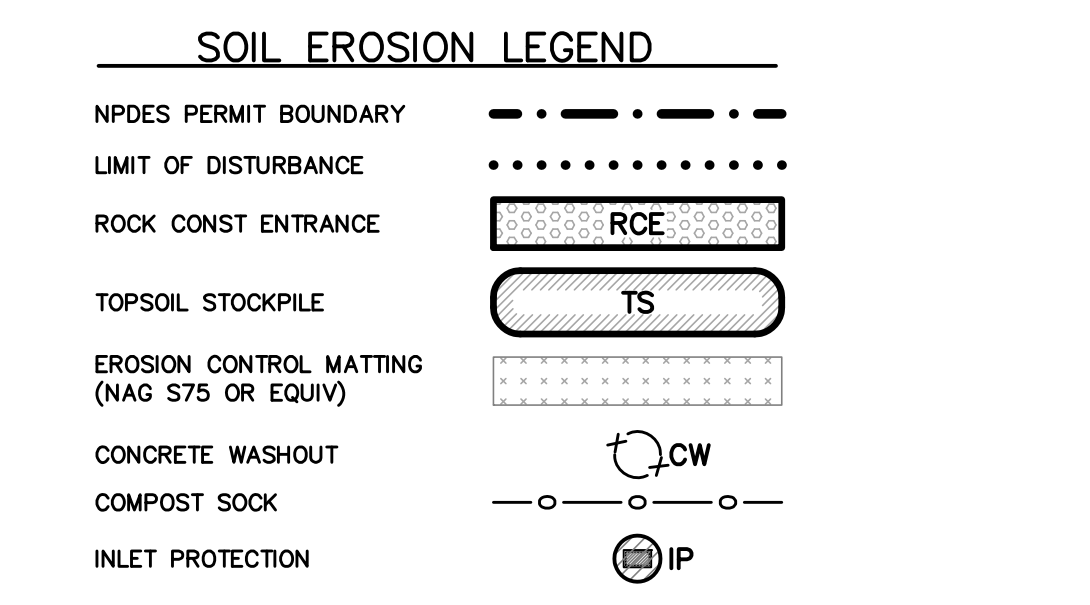
RESPONSIBLE PARTY:
UPPER DUBLIN TOWNSHIP
370 COMMERCE DRIVE
FORT WASHINGTON, PA 19034
PHONE: 215-643-1600

RECEIVING WATERCOURSE: UNT TO WISSAHICKON CREEK
CHAPTER 93 CLASSIFICATION: TSF, MF

PROJECT SITE AREA = 10.489 ACRES

LIMIT OF DISTURBANCE = 6.462 ACRES

NO WETLANDS ARE LOCATED WITHIN THE PROJECT AREA



CONSTRUCTION SCHEDULE
APPROXIMATE STARTING DATE FOR CONSTRUCTION: MARCH 2024
APPROXIMATE ENDING DATE FOR CONSTRUCTION: AUGUST 2026

GENERAL NOTES:

- AT LEAST SEVEN DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE CONTRACTOR SHALL NOTIFY ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENTATION CONTROL PLAN PREPARER, AND A REPRESENTATIVE OF THE MONTGOMERY COUNTY CONSERVATION DISTRICT TO AN ON-SITE PRE-CONSTRUCTION MEETING. ALSO, AT LEAST THREE DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776 FOR BURIED UTILITIES LOCATION.
- THE CONTRACTOR MUST NOTIFY, IN WRITING AND BY TELEPHONE, THE MONTGOMERY COUNTY CONSERVATION DISTRICT SEVEN DAYS PRIOR TO COMMENCEMENT OF ANY EARTHWORK ACTIVITIES.
- THE CUT-OFF DATE FOR SEEDING, INCLUDING HYDRO-SEEDING (EXCEPT RYE GRASS), IS NOVEMBER 15TH. ANY AREAS DISTURBED AFTER THIS DATE, PRIOR TO THE START OF THE GROWING SEASON IN THE SPRING, MUST BE STABILIZED WITH MULCH.
- ALL STRUCTURES ASSOCIATED WITH THE CONSTRUCTION OF SEDIMENT REMOVAL FACILITIES MUST BE AVAILABLE ON-SITE PRIOR TO ANY EARTHWORK.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE: EACH STAGE SHALL BE COMPLETE BEFORE ANY FOLLOWING STAGES ARE INITIATED. CLEARING AND GRUBBING SHALL BE LIMITED TO ONLY THOSE AREAS DESCRIBED IN EACH STAGE.
- BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLANS, WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE MONTGOMERY COUNTY CONSERVATION DISTRICT.

STAGE 1 - INITIAL EROSION AND SEDIMENT POLLUTION CONTROL FACILITY INSTALLATION

- INSTALL THE ROCK CONSTRUCTION ENTRANCE OFF LOCH ALSH AVENUE AND OFF THE EXISTING DRIVEWAY AS SPECIFIED ON THE E&S PLAN. ALL CONSTRUCTION VEHICLES MUST USE THESE ENTRANCES TO ENTER AND EXIT THE SITE. CARE MUST BE TAKEN TO ELIMINATE SEDIMENT FROM BEING TRACKED ONTO ANY EXISTING ROADS. THE CONTRACTOR MUST INSPECT AND CLEAN OFF DAILY IF THIS OCCURS. ALSO, MARK (SURVEY STAKES, POSTS & ROPE, ORANGE CONSTRUCTION FENCE, ETC.) THE LIMITS OF DISTURBANCE TO INSURE THAT NO DISTURBANCE MISTAKENLY OCCURS WHERE IT IS NOT INTENDED TO OCCUR.
- INSTALL INLET PROTECTION ON THE EXISTING INLETS AS INDICATED ON THE E&S PLAN.

STAGE 2 - EXISTING TOWNSHIP BUILDING DEMOLITION

- BEGIN DEMOLITION OF THE EXISTING TOWNSHIP BUILDING.
- REMOVE THE SHED ALONG THE SOUTHERN PROPERTY BOUNDARY TO BE REMOVED. RELOCATE THE POLICE STORAGE SHED ALONG THE SOUTHERN PROPERTY BOUNDARY.

STAGE 3 - PUBLIC WORKS ADDITION CONSTRUCTION (CAN BE CONCURRENT WITH STAGE 2)

- INSTALL COMPOST SOCK CS#1 DOWNSTREAM OF THE PROPOSED GARAGE ADDITION.
- INSTALL THE STORMWATER COLLECTION AND CONVEYANCE SYSTEM FROM THE EXISTING 24" INLET LOCATED AT THE SOUTHWEST CORNER OF THE PROPERTY TO STORM MH TO 1 NORTH OF THE GARAGE ADDITION. FOLLOW THE E&S UTILITY INSTALLATION NOTES. NOTE THAT INSTALLATION OF THE SHED IN MH 4 (BMP 1) IS A CRITICAL STAGE WHICH REQUIRES OVERSIGHT OF A LICENSED PROFESSIONAL.
- INSTALL THE SANITARY SEWER RELOCATION FROM THE NEW MANHOLE JUST SOUTH OF THE PROPERTY LINE TO THE SANITARY MANHOLE LOCATED JUST NORTH OF THE PUBLIC WORKS BUILDING. FOLLOW THE E&S UTILITY INSTALLATION NOTES.
- ROUGH GRADE THE AREAS OF THE NEW PUBLIC WORKS GARAGE, BUILDING ADDITION, ADJACENT PARKING AREAS, AND NEW FUELING STATION. BEGIN CONSTRUCTION OF THE NEW PUBLIC WORKS GARAGE. INSTALL CONCRETE WASH AREAS AND UTILIZE FOR ANY CONCRETE WASH FROM THE BUILDING CONSTRUCTION OF THE NEW PUBLIC WORKS GARAGE ADDITION. INSTALL CONCRETE WASH AREAS AND UTILIZE FOR ANY CONCRETE WASH FROM THE BUILDING CONSTRUCTION OF THE NEW FUELING STATION. INSTALL PROPOSED CURBING FOR THE NEW PARKING AREA NORTH OF THE PUBLIC WORKS ADDITION. PAVE THE AREAS NORTH AND WEST OF THE BUILDING ADDITION.

CONSTRUCTION SCHEDULE
STAGE 4 - TOWNSHIP BUILDING CONSTRUCTION (CAN BE CONCURRENT WITH STAGE 3)

- ROUGH GRADE THE NEW BUILDING AREA. EXCAVATE FOOTPRINT OF NEW MUNICIPAL BUILDING AND INSTALL FOUNDATIONS. START CONSTRUCTION OF NEW BUILDING.
- INSTALL UTILITIES TO PROPOSED BUILDING. EXCAVATE FOOTPRINT OF NEW MUNICIPAL BUILDING AND INSTALL FOUNDATIONS. START CONSTRUCTION OF NEW BUILDING.
- INSTALL STORM SYSTEM FROM EXISTING STORM MH TO PROPOSED DETENTION/FILTRATION BASIN (BMP 1). INSTALL THE PROPOSED DETENTION/FILTRATION BASIN. THIS INCLUDES THE EXISTING WESTERN PARKING LOT THAT IS BEING REMOVED. INSTALL THE PROPOSED STORMWATER FROM INLET 26 TO INLET 23 INCLUDING ALL LATERALS. FROM INLET 26 TO INLET 27, AND FROM INLET 27 TO INLET 30. IMMEDIATELY INSTALL INLET PROTECTION. INSTALL THE PROPOSED STORM SYSTEM FROM THE BASIN TO YARD DRAIN 14 AND TO INLET 20. IMMEDIATELY INSTALL INLET PROTECTION. INSTALL THE PROPOSED CURBING. STABILIZE THE PROPOSED PAVEMENT AREA WITH STONE.
- ROUGH GRADE THE AREA OF THE POLICE PARKING LOTS SOUTH AND EAST OF THE BUILDING. INSTALL THE PROPOSED STORM SYSTEM FROM INLET 13 TO INLET 5. IMMEDIATELY INSTALL INLET PROTECTION. INSTALL THE PROPOSED CURBING AND STABILIZE THE PROPOSED PAVED AREAS WITH STONE.
- INSTALL COMPOST SOCK CS#2. ROUGH GRADE THE DRIVEWAY AND PARKING AREA WEST OF THE NEW BUILDING, INCLUDING REMOVAL OF THE CURBING AND PAVEMENT ASSOCIATED WITH THE EXISTING WESTERN PARKING LOT THAT IS BEING REMOVED. INSTALL THE PROPOSED STORMWATER FROM INLET 26 TO INLET 23 INCLUDING ALL LATERALS. FROM INLET 26 TO INLET 27, AND FROM INLET 27 TO INLET 30. IMMEDIATELY INSTALL INLET PROTECTION. INSTALL THE PROPOSED CURBING. STABILIZE THE PROPOSED PAVED AREAS WITH STONE.
- INSTALL THE GEOTHERMAL SYSTEM IN THE NORTHWESTERN CORNER OF THE SITE.
- INSTALL BINDER COURSE OF ALL PAVEMENT AREAS.
- INSTALL PROPOSED SIDEWALKS WHERE INDICATED.
- FINAL GRADE AND STABILIZE THE LAWN AREAS. INSTALL ALL PROPOSED LANDSCAPING.
- INSTALL FINAL WEARING COURSE.

STAGE 5 - REMOVAL OF THE SOIL EROSION CONTROLS

- AFTER THE ENTIRE SITE IS STABILIZED, THE CONTRACTOR IS REQUIRED TO REMOVE ALL REMAINING INLET PROTECTION, ROCK CONSTRUCTION ENTRANCES, AND COMPOST SOCKS. RE-STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF THE EROSION CONTROLS.
- UPON PERMANENT STABILIZATION OF EARTH DISTURBANCE ACTIVITY UNDER 25 PA. CODE SECTION 102.22(A)(2) (RELATING TO PERMANENT STABILIZATION) AND INSTALLATION OF BMPs IN ACCORDANCE WITH THE APPROVED PLAN PREPARED AND IMPLEMENTED IN ACCORDANCE WITH 25 PA. CODE SECTIONS 102.4 AND 102.8, THE PERMITTEE AND/OR CO-PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (NOT) TO THE DEPARTMENT OF OR AUTHORIZED CONSERVATION DISTRICT.

NOTES:

- AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 10 PERCENT PERMANENT 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. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITIES. DURING DORMANT PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISH GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISH GRADE AND WHICH WILL NOT BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
- TEMPORARY EROSION CONTROL MEASURES MAY ONLY BE REMOVED AFTER APPROVAL BY THE LICENSED PROFESSIONAL AFTER THE CONSTRUCTION AREA AND RETAINED SILT ARE STABILIZED AND AFTER LAWN AREAS ARE ESTABLISHED.
- THIRTY (30) DAYS AFTER COMPLETION OF EARTH DISTURBANCE ACTIVITIES AUTHORIZED BY THIS PERMIT, INCLUDING THE PERMANENT STABILIZATION OF THE SITE AND PROPER INSTALLATION OF PCSM BMPs IN ACCORDANCE WITH THE APPROVED PCSM PLAN, OR UPON SUBMISSION OF THE NOT IF SOONER, THE PERMITTEE SHALL FILE WITH THE DEPARTMENT OF ENVIRONMENTAL PROTECTION A STATEMENT SIGNED BY A LICENSED PROFESSIONAL AND BY THE PERMITTEE CERTIFYING THAT WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS PERMIT AND THE APPROVED E&S AND PCSM PLANS. COMPLETION CERTIFICATES ARE NEEDED TO ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE PERMIT AND THE APPROVED E&S AND PCSM PLANS.

CRITICAL STAGES SCHEDULE

THE FOLLOWING FEATURES SHALL BE INSPECTED FOR VERIFICATION OF CONSTRUCTION CONFORMANCE BY A DESIGNATED LICENSED PROFESSIONAL OR THE LICENSED PROFESSIONAL'S DESIGNEE:

- UNDERGROUND INFILTRATION/RETENTION BASIN (BMP 2)
- SUMP W/ SHOUT (BMP 1)

NOTE:

"PURSUANT TO THE REQUIREMENTS OF ACT 287 OF 1974 AND AS LAST AMENDED BY ACT 181 OF 2006 THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DEVELOPED FROM EXISTING UTILITY RECORDS AND/OR ABOVE-GROUND EXAMINATIONS OF THE SITE. COMPLETENESS, ACCURACY, LOCATION AND DEPTH OF UNDERGROUND UTILITIES OR STRUCTURES CANNOT BE GUARANTEED. THE CONTRACTORS, AT LEAST THREE (3) DAYS PRIOR TO PERFORMING ANY WORK, SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES LOCATED WITHIN THE BOUNDARY OF THE WORK SITE IN ACCORDANCE WITH ACT 181 (PA ONE CALL SYSTEM, INC. 1-800-242-1776).

CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL

Pennsylvania One Call System, Inc.
1-800-242-1776

Terraform Engineering, LLC
ONE EAST BROAD STREET, SUITE 330
BETHLEHEM, PA 18018
PHONE: 610-666-4662
WWW.TERRAFORMENGINEERING.COM

GODSHALL KANE OROURKE ARCHITECTS, LLC
300 BROOKSIDE AVENUE, BUILDING 18 - SUITE 150
AMBLER, PA 19002
WWW.GKOAARCHITECTS.COM
T: 215.646.2003

GKO ARCHITECTS

PRELIMINARY/FINAL
UPPER DUBLIN TOWNSHIP
MUNICIPAL BUILDING
801 LOCH ALSH AVE
19034
UPPER DUBLIN TOWNSHIP
MONTGOMERY COUNTY
PENNSYLVANIA

REVISIONS

EROSION & SEDIMENT CONTROL PLAN

C601
SHEET 15 of 22
LAND DEVELOPMENT
JOB # 2539
SCALE 1" = 30'
DATE 05/25/2023

