

COMMERICAL APPLICATION CHECKLIST

Job Address: _____

Date Submitted: _____

TO BE COMPLETED BY APPLICANT:

	Yes	N/A
1. Building Permit Application completely filled out & signed	___	___
2. Building permit fees, checks made payable to Township of Moon	___	___
3. (4 copies) Complete <i>folded</i> sets of construction drawings with Design Professional Seal	___	___
4. (2 copies) Additional <i>folded</i> site utility plans	___	___
5. <i>Folded</i> Landscape Plan	___	___
6. Energy Conservation Code Compliance Certification Perceptive Method and or Comp/Check and details, specs	___	___
7. Design certification letter certifying the design complies with the current applicable codes (see sample form letter attached)	___	___
8. Storm Water Management Plan	___	___
9. Accessibility plans & details	___	___
10. General contractors proof of Workers Comp Insurance or a statement of exemption	___	___
11. DEP Planning Module	___	___
12. Proof of payment of Moon Township Municipal Authority sewer & water tap fees	___	___
13. Statement of special inspections as per International Building Code, Chapter 17, Section 1704.1.1	___	___
14. Pennsylvania Department of Labor & Industry, elevators	___	___
15. Previous PA Labor & Industry Occupancy Permit	___	___
16. Fire protection and alarm plan, etc.	___	___
17. Final approval from Moon Township Planning Commission and Moon Township Board of Supervisors, conditional use/ zoning variances	___	___
18. Health Care Facilities State UCC compliance and PA State Licensing Regulations/ State Department of Health Plan Approval Verification	___	___
19. Child Day Care Facilities PA State UCC, Section 403.23	___	___
20. Wind Load Calculations as per 2003 IBC	___	___
21. Proof of EMS Tax payment	___	___
22. Carnot Village or University Boulevard Overlay District	___	___
23. Rooftop, mechanical equipment, screening details	___	___
24. Final Zoning Review Approval Letter	___	___

I acknowledge that all submittal items listed above are included if required for my project. I am aware that if it is determined that any required item is not included in this submittal. I may be subject to an **ADDITIONAL UPDATE FEE.**

You are strongly urged to check with the Plan Reviewers if you are unsure of what is required.

APPLICANT: _____ DATE: _____

17. Moon Township Municipal Authority for water and sewer services. Contact John Riley or Larry Lani at (412) 264-4300.
18. Moon Township approved Storm Water Management Plans and inspection fee.
19. Federal Aviation Agency for construction restrictions as they may relate to the Pittsburgh International Airport.
20. Pennsylvania Historic & Museum Commission.
21. Other _____

Uniform Construction Code (UCC)
UCC PLAN REVIEW CHECKLIST

This checklist must accompany permit applications for new buildings/structures, additions and renovation projects	
ALL INFORMATION MUST BE FILLED IN, CHECKED OR MARKED "NA"	
Project Name:	
Project Address:	
Owner/Agent:	Telephone:
Design professional or other person we can contact about info on this form and other project details (if same as Owner/Agent, just provide fax # and e-mail address):	Phone: _____ Fax: _____ E-mail: _____

General Requirements:

All drawings, shall be sealed, signed, and dated, by a design professional (licensed architect or engineer).

All drawings must be neatly drawn with clean, crisp lettering--- they must remain legible after reduction for microfilming.

Computer-generated vicinity maps obtained from web-based services (such as MapQuest) are acceptable, as long as the roadways or street names are legible and will remain that way after reduction for microfilming.

When photographs (including digital ones) are submitted to show building elevations, the images must be in focus and correctly exposed.

A Pennsylvania Department of Transportation (PennDOT) permit allowing access to a highway under its jurisdiction is not required at the time that application is made for a UCC building permit. If the highway occupancy permit issued by PennDOT requires a location of the building/structure differing from that approved under the UCC building permit, applicants must send the Department a letter requesting a determination whether a revision of approved plans will be required.

**OTHER AGENCIES THAT MAY NEED APPROVAL IN CONJUNCTION WITH
ISSUANCE OF A BUILDING PERMIT**

1. Pennsylvania DEP for a NPEDES Permit.
2. Pennsylvania Department of Environmental Protection Agency (stream work).
3. Pennsylvania Department of Labor & Industry.
4. Pennsylvania DER Planning Module for Land Development.
5. Pennsylvania Department of Transportation or Allegheny County Road Department or Moon Township for a driveway-opening permit.
6. Allegheny County Health Department – Plumbing Division (Moon Township utilizes Allegheny County inspectors).
7. Allegheny County Health Department- Food Division.
8. Allegheny County Fire Marshall.
9. Allegheny County Conservation District review & approval of an E&S Control Plan.
10. Moon Township Planning Commission.
11. Moon Township subdivision approval as outlined in the Subdivision & Land Development Ordinance. Reviewed by the Planning Commission, Township Engineer and Moon Township Board of Supervisors.
12. Middle Atlantic Electrical Inspection Agency (412) 269-2836 or 1-800-922-6062 (as authorized by Moon Township).
13. Moon Township Sign Permit (Zoning Ordinance), contact the Zoning Office at (412-262-1700 ext. 322).
14. Moon Township Grading Permit is required under separate application if excavation work is to proceed before a building permit is issued. Hauling is permitted only after township road(s) has been bonded by applicant.
15. Moon Township Fire Marshall, Chief Belgie can be contacted at (412) 262- 5004.
16. Moon Township Zoning Hearing Board.

While we understand that many items on this checklist may not be included in some alteration or renovation projects, we request that all applicants work through the entire checklist to ensure that any necessary items are included. If any item is not necessary please insert NA (not applicable). This will greatly facilitate review and approval of projects.

- ___ (4) Four sets of drawings are included in this application package (**mandatory**).
- ___ (4) Four site plans are included in this application package (**mandatory**).
- ___ (1) One set of specifications is included in this application package (**mandatory**).

TITLE PAGE:

The title page must include the building data information:

- ___ Project location
- ___ Scope of work- (brief description of work)
- ___ Code analysis
 - Use group
 - Type of construction
 - Sprinkler Yes/No
 - Total number of stories
 - Fire alarm system Yes/No MONITORED BY:
 - Affected floor area
 - Total floor area
- ___ Fire Rating Requirements (Table 201)
 - Columns
 - Bearing walls
 - Roof ceiling
 - Corridor separation
 - Tenant separation
- ___ List Building Codes used
- ___ Original Labor & Industry Building Plan approval
 - File number
 - Date
 - Drawing index
- ___ General notes
- ___ Abbreviations
- ___ Drawing lists
- ___ Project team:
 - Architect
 - Owner
 - Tenant

SITE PLANS:

- ___ a. Site plans shall be prepared to scale (not less than 1"=20') with legend, north arrow, and separate vicinity (site location) map.
- ___ b. Show the correct street address, parcel number and required municipal zoning (if there is local zoning ordinance) on the site plan.
- ___ c. Show and identify all property lines and right-of way, with distance from property lines and adjacent buildings on site plans.
- ___ d. Show all accessible parking spaces and signage per ICC/ANSI A117.1 and the *International Building Code* on site plan.
- ___ e. Show accessible curb cut, ramps, and access ways to the building.
- ___ f. Show all existing and proposed driveway entrances.
- ___ g. Identify adjacent land uses and zoning.
- ___ h. Show all easements, flood ways, and required buffers.
- ___ i. Show existing and proposed utilities (with backflow preventers) to serve the site.
- ___ j. Show existing and finish grades.
- ___ k. Show details, sections, and elevations needed for construction.
- ___ l. Show all buffer and screening landscaping.
- ___ m. Show all required parking and loading spaces and calculations.

ARCHITECTURAL PLANS:

- ___ a. Show architectural floor plans of each floor. These pages must be at least 18"x 24" in size (but not more than 36"x 42") drawn to scale of not less than 1/8"=1'. Indicate (or reproduce) the approved, tested hourly rating, number and location of all rated members and assemblies (walls, columns, floor and ceiling, and ceiling and roof fire-rated design assemblies). Show all fire-rated walls (both existing and new) with their ratings, if not shown elsewhere. Drawings submitted without required fire-rated walls shown will be rejected.
- ___ b. Show the square footage of each floor on the corresponding floor plans.
- ___ c. Identify the names and uses of each room.
- ___ d. Egress, travel distance, door, stair, capacity requirements, etc. Furnish floor schedule(s) including size, type, rating (if any) , and hardware
- ___ e. Provide all glazing schedules.
- ___ f. Show elevations with dimensions defining overall building height, floor-to-floor heights, or heights to ridge and eave as applicable to the type of building construction listed on the UCC application. (NOTE: Where an existing building is involved, photographs of all sides of the building may be submitted to show elevations. **These will be acceptable only if they show all elements to determine compliance with the UCC.**)
- ___ g. Provide basement percentage –below-grade calculations.
- ___ h. Indicate roof slopes, drainage system and sized through wall scuppers, if applicable to the project.

- ___ i. Show fixed seating for assembly occupancy to allow determination of occupancy posting required by International Building Code.
- ___ j. Show wall sections with proposed material sizes, construction and fire-rated assemblies.
- ___ k. Show proposed plumbing fixtures and privacy screens on the plans.
- ___ l. If masonry construction is proposed, include the following information;
 - ___ Type of brick ties and spacing of weep holes
 - ___ Control joints
 - ___ Placement of wall flashing and reinforcement
- ___ m. If appropriate for the proposed occupancy, plans should identify all hazardous material control areas, fire barriers and the required fire-resistance ratings for these barriers. All identified control areas shall list the name, class, quantity and method of storage of all hazardous materials processed, manufactured or used in a manufacturing process and contained within it's fire barriers. Provide a Material Safety Data Sheet for each listed hazardous material. See section 414 and 415 of the International Building Code.
- ___ n. Show the floor slab vapor barrier.
- ___ o. Show foundation water-proofing, if applicable.
- ___ p. All penetration of fire-rated construction must be per manufacturer's detail. The details shall meet or exceed the rating of construction being penetrated. The penetration details shall be exactly as tested by an approved testing laboratory or agency and shall include their system numbers. New penetrations of existing fire-rated walls and assemblies shall be shown with appropriate designs.
- ___ q. Show penthouse drawings.
- ___ r. Provide on the drawings the calculations for the means of egress widths for the entire floor occupancy load and the existing capacity of all exits including all stairs, doors, corridors and ramped exits.
- ___ s. Show required ventilation louvers and vent sizes.

ACCESSIBILITY PLANS:

- ___ a. Accessibility route, entrances, and ramps.
- ___ b. Parking, passenger loading
- ___ c. Features, facilities
- ___ d. Signage (SEE ATTACHED SHEET)

STRUCTURAL PLANS:

- ___ a. Show foundation plans indicating the proposed slab elevations and type of foundation (i.e., mat foundation, caissons, spread footings, etc.).
- ___ b. Provide preliminary soil analysis data done by a licensed engineer, if required.
- ___ c. Indicate dimensions of foundations.

- ___ d. Show type, size and location of piling and caps for pile foundation.
- ___ e. Indicate grade beams sizes.
- ___ f. Indicate a footing schedule defining footing sizes and the required reinforcing.
- ___ g. Show the established footing depth below grade and method of frost protection allowed in section 1805.2.1 of the International Building Code.
- ___ h. Indicate the thickness of the floor slab, size of reinforcing, slab elevations, and type and details of foundations.
- ___ i. Indicate location, size and amount of reinforcing steel.
- ___ j. Show foundation corner reinforcing bars and minimum overlapping (as applicable to project structure).
- ___ k. Provide strength of concrete according to designed soil reports.
- ___ l. Show beams, joists, girders, rafters, and/or truss layouts and details of connections, structural steel stud gage, gage size, and connections.
- ___ m. Indicate the sizes and species of all wood members and their respective design strength.
- ___ n. Show all columns, girders, joists, purlins, beams and base plates; for wood construction show all headers.
- ___ o. Provide a complete lintel schedule.
- ___ p. Indicate the type of anchoring for steel bearing directly on masonry.
- ___ q. Indicate design dead and live, wind, snow, seismic loads for floor areas, roofs, balconies, porches, breezeways, corridors, stairs, mezzanines, and platforms. Show concentrated loads, i.e. file rooms, machinery, and forklift areas, if greater than those shown on the Code Summary Sheet. Identify shear walls, bracing, strapping fastening, reinforcement, and any special anchoring required.
- ___ r. Where applicable, indicate on roof framing plan where concentrated loads (mechanical equipment, cranes, etc.) will be placed.
- ___ s. Indicate on foundation and framing plans the location and lateral load resisting system (Show walls, brace frames, moment connections, etc.).

FIRE PROTECTION PLANS:

- ___ a. Complete a sprinkler design data sheet and include it on the first plan of the sprinkler drawings.
- ___ b. Show floor plans for each floor with sprinkler piping layout, pipe sizes, pipe hanger details, piping materials, doors, walls, and room identities. Often, these shop drawings are not available at the time of the initial plan submission. If this is the case, write in "N/A", but note the following:
 - These shop drawings must be submitted for Department review and approval **at least two weeks before the projected installation date.**
 - Failure to obtain approval of these drawings before installation could result not only in delay of the final inspection and insurance of an occupancy permit, but also in removal and reconstruction of installations, which fail to meet UCC requirements.

- ___ c. Show ceiling plans with sprinkler head(s) layout walls, soffits, openings, doors, dimensions and room identities.
- ___ d. Verify system design by providing hydraulic calculations along with the following:
 - Recent water flow test
 - 10 percent safety margin
 - Type of backflow-preventer or reduced pressure zone showing equivalent foot loss.
 - Fire pump summary
- ___ e. Note the type of sprinkler system used (e.g., 13, 13D, or 13R).
- ___ f. For residential occupancies, such as apartments and condominiums, show sprinkler head locations at breezeways, if applicable.
- ___ g. Indicate the certified testing laboratory agency (e.g., U.L.) their test number and hourly rating of all new and/or affected rated members and assemblies (i.e. columns, beams, floor/ceiling and ceiling/roof fire-rated design assemblies). Show all new and/or affected fire-rated walls with their ratings, if not shown elsewhere.
- ___ h. All penetrations of fire-rated construction must be per manufacturer's details. Details shall meet or exceed ratings of construction being penetrated. Penetration details shall be exactly as tested by a certified testing laboratory or agency and shall include their system numbers. All new penetration of existing fire-rated walls and assemblies shall be shown with appropriate designs.
- ___ i. Provide a fire alarm riser showing connection, to a UL-approved central station. Show tamper switches on both OS and Y valves of backflow prevention device. Unless shown elsewhere.
- ___ j. Indicate commodity class (per section 2303 of the International Fire Code) and height of any storage.
- ___ k. Provide Material Safety Sheets for any hazardous materials (also specified under "**Architectural Plans**").
- ___ l. Where special temperature-rated or high-temperature sprinklers are required, show sprinkler type(s) per area, office size, cut sheets with K-factor, water requirements, spray pattern, coverage and other pertinent data.

SYSTEM CALCULATIONS (FIRE PROTECTION):

Hydraulically calculated and pipe schedule fire systems should be designed with a 10 percent safety margin for all new buildings and additions to existing buildings. Calculations for hydraulic system should include:

- ___ a. Flow and pressure at each flowing sprinkler head.
- ___ b. Flow diagram for a grid system.

PLUMBING PLANS:

- ___ a. Show a site utilities plan, if not provided with the civil drawings.
 - ___ 1. Show the domestic water, fire, and irrigation services.
 - ___ 2. Show the location of water meters, backflow protection type and location.
 - ___ 3. Show the sanitary sewer service from building to public sewer or approved private sewage disposal system.

- ___ b. Show interceptors as applicable to project and size by flow rate (i.e., grease, oil, lint, acid, and sand).
- ___ c. Provide plumbing plan layout for each floor. These should show the water distribution and drain-waste-vent-piping, and all details, notes, legends and schedules necessary to define the system being installed.
- ___ d. Show the location of all major components required for a complete system.
- ___ e. Provide fixture and equipment schedule showing fixture number, detailed description, hot water, cold water, waste and vent connection sizes and other pertinent data.
- ___ f. Identify all fixtures on floor plans and in riser diagrams with the plumbing fixture schedule number.
- ___ g. Supply and Waste/Vent piping shall be shown on the floor plans. All pipe sizes shall be clearly shown. In congested areas (e.g., restaurants, grocery stores, etc.) isometrics are required.
- ___ h. On buildings two stories and above provide isometric diagrams and/or schematic riser diagrams for Supply and Waste/Vent piping and identify the risers by number (i.e., R1, R2, etc.). Show where all riser based terminations connect to the building drain, along with all interconnected piping on each floor plan. All pipe sizes shall be clearly defined.
- ___ i. Show the water, sanitary drain-waste-vent piping and storm leaders/drains. Indicate sizes and materials for above/below grade.
- ___ j. Show slope of horizontal sanitary and storm drains that equal or exceed 3" diameter, if less than 1/8", per foot.
- ___ k. Indicate roof drains and emergency roof drains/scuppers with the areas they impact. Note that "emergency" = secondary = overflow, "see following roof drainage examples:
 - Roof Drain-6" RD (16880 SF)
 - Emergency Roof Drain-6"ERD(8180 SF)
 - Parapet Wall Scupper-8" x 5" WS (4000 SF)
 - Emergency Scupper- 8"x 7" ES (4200 SF)
- ___ l. Show toilet room layouts with minimum of 1/4"=1 foot scale.
- ___ m. Show drinking fountain locations.

- ___ n. All penetrations of fire-rated construction must be per manufacturer's details. The details shall meet or exceed rating of construction being penetrated. The penetration details shall be exactly as tested by an approved testing laboratory or agency and shall include their system numbers.
- ___ o. Room names and numbers for each floor, should be on the floor plan for each level.
- ___ p. Provide minimum facilities calculations.
- ___ q. Column line notations, if provided on the architectural/structural plans, shall be indicated on the plumbing plans.

MECHANICAL PLANS:

- ___ a. Show all required wall louvers, penetrations and fans.
- ___ b. Indicate roof-mounted equipment locations.
- ___ c. Show all mechanical equipment piping, ductwork, (above/below slab) on the mechanical floor and/or roof plan.
- ___ d. Provide mechanical plans for each floor and the roof. These shall show the ductwork layouts, schedules, notes, legends, piping schematics, and details necessary to define the system being installed.
- ___ e. Indicate air distribution devices and show cfm for all supply, return and exhaust devices.
- ___ f. Indicate the location of all equipment components required for a complete system.
- ___ g. Show the smoke ventilation of atriums and pressurization of high-rise stairwells.
- ___ h. Show condensation drains, primary and secondary, from the unit to the point of discharge.
- ___ i. Indicate toilet exhaust requirements.
- ___ j. Show mechanical room layouts at sufficient scale for dimensions and details to be ascertained.
- ___ k. Show the size of duct runs.
- ___ l. Indicate controls for fan shutdown: emergency manual and automatic smoke detection.
- ___ m. Show the location of all UL 555-certified fire dampers, ceiling radiation dampers, smoke dampers, and fire doors.
- ___ n. Show all fire-rated walls (both existing and new) with their ratings on the mechanical plans.
- ___ o. All penetrations of fire-rated construction must be per manufacturer's details.
- ___ p. Room names and numbers for each floor should be on a floor plan for each level.
- ___ q. Provide outside air ventilation rate, per the International Building Code.
- ___ r. Column line notations, if provided on the architectural/ structural plans, shall be identified on the mechanical plans.

- ___ s. Provide gas piping layout on the floor plan for each floor. If it is a multi-story building, all gas piping shall be shown, per floor. Include pipe sizes, water column, and type of material. Provide a schedule of connected equipment, total BTUH demand, total equivalent length, and most remote gas appliance.

ELECTRICAL PLANS:

- ___ a. Provide panel schedules with circuit and feeder loading, overcurrent protection, and NEC load summaries for all new and/or affected panels and services (loading has to be evaluated by highest phase): include fault current data, short circuit ratings and fault current protection co-ordination.
- ___ b. Provide a single line riser diagram showing all new and/or affected services, feeders, wire sizes and insulation types, and conduit sizes and types.
- ___ c. Indicate number of services and their physical locations; clearly indicate mains and characteristics.
- ___ d. Indicate the grounding electrode conductor size with new and/or affected service and transformers; where necessary provide details or notes on methods.
- ___ e. Show physical locations of all new and/or affected panels and switchgear (indicate front).
- ___ f. Indicate receptacle plans with circuitry.
- ___ g. Indicate lighting plans with circuitry.
- ___ h. Show electrical plans for each affected floor, including the roof.
- ___ i. Show wiring method(s), conduit sizes and types, termination temperature (60,75,90) requirements, conductor sizes and insulation types.
- ___ j. Indicate the design and/or operation for any of the following applicable life safety systems: emergency generators, smoke evacuation, shaft pressurization and relief, smoke detection, egress and emergency lighting, and fire alarms.
- ___ k. Indicate how special needs, such as classified (hazardous) corrosive and patient care are treated. Provide detailed plan of classified areas, the classifications and how complied with (i.e. hangers, waste treatment and collection, flammable dusts, gases or liquids, spray booths, vehicle servicing and parking, etc.).
- ___ i. Provide all HVAC nameplate data, including MCA and MOCP. List all other appliance and/or equipment (other than those, which will be connected to a general use receptacle) with nameplate data (i.e. voltage, phasing, HP, KVA, FLA, RLA, etc.).
- ___ m. Indicate all motor horse power ratings, if not supplied elsewhere.
- ___ n. Indicate the certified testing laboratory or agency (e.g., UL) their test # and hourly ratings of all new and/or affected rated members and assemblies (i.e. columns, beams, floor/ceilings, and ceiling/roof fire-rated design assemblies). Show all new and/or affected fire-rated walls with their ratings, if not shown elsewhere.

- ___ o. All penetration of fire-rated construction must be per manufacturer's details. The details shall meet or exceed ratings of construction being penetrated. Penetration details shall be exactly as tested by an approved testing laboratory or agency and shall include their system numbers. New penetrations of existing fire-rated walls and assemblies shall be shown with appropriate designs.
- ___ p. Provide all applicable International Energy Conservation Code compliance data on the Building Code Summary sheet or on the electrical plans.
- ___ q. All submittals should include a listing and labeling statement. (All electrical materials, devices, appliances, and equipment, shall be labeled and listed by a certified testing laboratory or agency).

SECTION 1110 SIGNAGE

1110.1 Signs. Required accessible elements shall be identified by the International Symbol of Accessibility at the following locations:

1. Accessible parking spaces required by Section 1106.1 except where the total number of parking spaces provided is four or less.
2. Accessible passenger loading zones.
3. Accessible areas of refuge required by Section 1007.6.
4. Accessible rooms where multiple single-user toilet or bathing rooms are clustered at a single location.
5. Accessible entrances where not all entrances are accessible.
6. Accessible check-out aisles where not all aisles are accessible. The sign, where provided, shall be above the check-out aisle in the same location as the check-out aisle number or type of check-out identification.
7. Unisex toilet and bathing rooms.
8. Accessible dressing, fitting and locker rooms where not all such rooms are accessible.

1110.2 Directional signage. Directional signage indicating the route to the nearest like accessible element shall be provided at the following locations. These directional signs shall include the International Symbol of Accessibility:

1. Inaccessible building entrances.
2. Inaccessible public toilets and bathing facilities.
3. Elevators not serving an accessible route.
4. At each separate-sex toilet and bathing room indicating the location of the nearest unisex toilet or bathing room where provided in accordance with Section 1109.2.1.
5. At exits and elevators serving a required accessible space, but not providing an approved accessible means of egress, signage shall be provided in accordance with Section 1007.7.

1110.3 Other signs. Signage indicating special accessibility provisions shall be provided as shown:

1. Each assembly area required to comply with Section 1108.2.6 shall provide a sign notifying patrons of the availability of assistive listening systems.

Exception: Where ticket offices or windows are provided, signs are not required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems.

2. At each door to an egress stairway, exit passageway and exit discharge, signage shall be provided in accordance with Section 1011.3.
3. At areas of refuge, signage shall be provided in accordance with Sections 1007.6.3 through 1007.6.5.
4. At areas for assisted rescue, signage shall be provided in accordance with Section 1007.8.3.

MOON TOWNSHIP BUILDING PERMIT FEES

1000 Beaver Grade Road - Moon Township, PA 15108

Phone: (412) 262-1700 Fax: (412) 262-5344

1. Residential Dwellings, Residential Additions, Private Garages,
Enclosed Sunrooms/ Porches, Accessory Structures more than 150 sq. ft \$.22/ sq.ft.
(Minimum \$30.00 for above fee less than 150 sq. ft.)
2. Minimum New Dwelling\$500.00
3. In ground/ Above Ground Pools, Hot Tubs, Spas..... \$ 50.00
4. Deck, Porch, Sheds (up to 150 sq. ft.) \$ 30.00
5. All other New Construction (up to 10,000 sq. ft.) \$.28/ sq. ft.
6. All other New Construction (over 10,000 sq. ft.) \$.22/ sq. ft.
7. Minimum Commercial \$200.00
8. Interior Renovations/Remodel (existing buildings up to 50,000 sq. ft.).....\$.15/sq. ft.
(.07/ sq. ft for area over 50,000 sq. ft.)
9. Non-area Commercial, Communication Towers, etc..... \$400.00
10. Industrial fee, Temporary Construction Trailer \$400.00
11. Plan Review fee, mechanical, plumbing and electrical20% of building permit fee
12. Stormwater Facility Inspection fee (except single-family dwellings)
Impervious area < 3,500 sq. ft. \$150.00
Impervious area < 3,500-43,560 sq. ft. \$500.00
Impervious area < 43,560 sq. ft.... \$500.00 PLUS \$50.00/10,000 sq. ft of impervious area
13. Re-Inspection fee/ Residential \$ 40.00
14. Re-Inspection fee/ Commercial\$1.00/ 1,000/sq. ft (**\$100.00 minimum**)
15. Demolition (bond of estimated cost of job required)
Residential \$ 50.00
Commercial \$100.00

(date)

Township of Moon
1000 Beaver Grade Road
Moon Township, PA 15108

RE: _____
(Construction Project Name)

Please be advised that, I _____, have designed the plans
(Architect's/Engineer's Name)
submitted for permit review to Moon Township for the proposed construction of

_____ located at _____
(street, address of proposed construction)
Moon Township, PA 15108. To the best of my knowledge, these plans, pages numbered
_____ to _____, dated _____ have been designed to meet the
requirements of the Moon Township Ordinance 618, PA State Uniform Code, 2006
International Building Codes.

(Design Professional's Signature)

(DESIGN PROFESSIONAL'S SEAL)

Don't Let Storm Water Run Off With Your Time and Money!

What the Construction Industry Should Know About Storm Water In Our Community

The construction industry plays an important role in improving our community's quality of life by not only providing new development, but also protecting our streams and rivers through smart business practices that prevent pollution from leaving construction sites.

Storm water runoff leaving construction sites can carry pollutants such as dirt, construction debris, oil, and paint off-site and into storm drains. In our community, storm drains carry storm water runoff directly to local creeks, streams, and rivers with no treatment. Developers, contractors, and homebuilders can help to prevent storm water pollution by taking the following steps:

1. Comply with storm water permit requirements.
2. Practice erosion control and pollution prevention practices to keep construction sites "clean."
3. Conduct advanced planning and training to ensure proper implementation on-site.

The remainder of this fact sheet addresses these three steps.

Storm Water Permit Requirements for Construction Activity

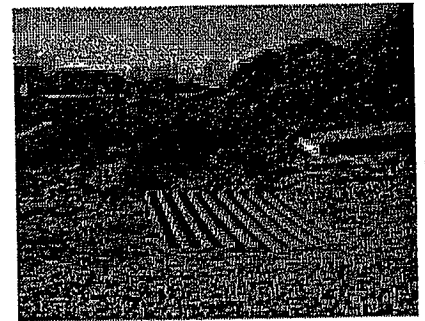
Planning and permitting requirements exist for construction activities. These requirements are intended to minimize storm water pollutants leaving construction sites.

- Pennsylvania's Erosion and Sediment Pollution Control Program (25 Pa. Code, Chapter 102) requires Erosion and Sediment Control Plans for all earth disturbing activities.
- The National Pollutant Discharge Elimination System (NPDES) Permit Program (25 Pa. Code, Chapter 92) requires that construction activities disturbing greater than one acre submit a Notice of Intent for coverage under a general NPDES permit.

Knowing your requirements before starting a project and following them during construction can save you time and money, and demonstrate that you are a partner in improving our community's quality of life. For more information about these programs, contact your local county conservation district office or the Department of Environmental Protection.

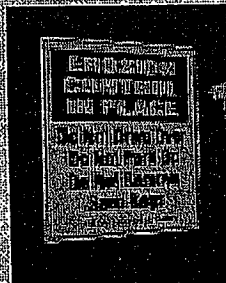
What is Storm Water?

Storm water is water from precipitation that flows across the ground and pavement when it rains or when snow and ice melt. The water seeps into the ground or drains into what are commonly called storm sewers. These are the drains you see at street corners or at low points on the sides of streets. Collectively, the draining water is called storm water runoff.



Erosion Control Practices:

- Perimeter controls (e.g. silt fence)
- Sediment traps
- Immediate revegetation
- Phased, minimized grading
- Construction entrance
- Protection of streams and drainage ways
- Inlet protection



An Ounce of Prevention

Rain that falls onto construction sites is likely to carry away soil particles and other toxic chemicals present on construction sites (oil, grease, hazardous wastes, fuel). Storm water, if not properly managed, carries these pollutants to streams, rivers, and lakes. Erosion and sediment control practices can serve as a first line of defense,

Pollution Prevention Practices:

- Designated fueling and vehicle maintenance area away from streams.
- Remove trash and litter.
- Clean up leaks immediately.
- Never wash down dirty pavement.
- Place dumpsters under cover.
- Dispose of all wastes properly.

minimizing clean up and maintenance costs, and the impacts to water resources caused by soil erosion during active construction. Erosion controls can reduce the volume of soil going into a sediment control device, such as a sediment trap, therefore, "clean out" frequencies are lower and maintenance costs are less. When possible, divert water around the construction site using berms or drainage ditches.

In addition, use pollution prevention and "good housekeeping measures" to reduce the pollution leaving construction sites as well. This can be as simple as minimizing the pollution source's contact with rainwater by covering it, maintaining a "clean site" by reducing trash and waste, and keeping vehicles well maintained.

The Best Laid Plans

Plans such as erosion and sediment control plans and storm water pollution prevention plans are important tools for outlining the erosion control and pollution prevention practices that you will use to manage storm water runoff prior to breaking ground. Developing good plans allows for proper budgeting and planning for the life of the project. Proper installation and maintenance of erosion and storm water controls is essential to a plan that works. Training for on-site staff helps to ensure the proper installation and maintenance of erosion controls and pollution prevention practices. Inspect controls and management techniques regularly to ensure they are working, especially after storm events. If polluted storm water is leaving the site, you may need to repair or add additional storm water controls.



The Bigger Storm Water Picture

Your community is preventing storm water pollution through a comprehensive storm water management program. This program addresses storm water pollution from construction, but it also deals with new development, illegal dumping to the storm sewer system, and municipal operations. It will also continue to educate the community and get everyone involved in making sure the only thing that storm water contributes to our streams is . . . water! Contact your community or the Pennsylvania Department of Environmental Protection for more information about storm water management.

For more information:

Pennsylvania Association of Conservation Districts
<http://www.pacd.org/default.html>

Pennsylvania Handbook of Best Management Practices for Developing Areas
http://www.pacd.org/products/bmp/bmp_handbook.html

Storm Water Manager's Resource Center
<http://www.stormwatercenter.net>

Pennsylvania Department of Environmental Protection
<http://www.dep.state.pa.us>



NOTICE

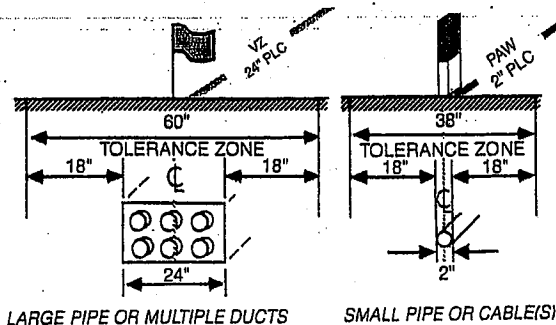
Due to concerns related to safety, maintenance and accessibility of utilities, no construction or landscaping of any kind (i.e. retaining walls, trees, bushes, fences, decorative rocks) shall be permitted within 22 feet of any road curb edge. This area behind the curb shall be reserved for the placement and maintenance of under ground utilities and above ground utility boxes. The land on which the utility and it's equipment is placed shall be flat and clear of all obstructions to the extent possible based on existing site conditions to provide a reasonable work space for the Utility Company.

- No vegetation other than grass shall be placed between the road and sidewalk.
- No vegetation other than grass shall be placed within three feet of the sides of any utility boxes or similar equipment in the easements.
- PA One Call must be made prior to any digging or excavation any where.

Failure to comply with these regulations within the rights of way and easements may result in the removal of the construction and landscaping. Cooperation will result in reducing costs and time necessary to make utility repairs especially in bad or hazardous weather.

APWA TEMPORARY MARKING GUIDELINES

	WHITE - Proposed Excavation
	PINK - Temporary Survey Markings
	RED - Electric Power Lines, Cables, Conduit and Lighting Cables
	YELLOW - Gas, Oil, Steam, Petroleum or Gaseous Materials
	ORANGE - Communication, Alarm or Signal Lines, Cables or Conduit
	BLUE - Potable Water
	PURPLE - Reclaimed Water, Irrigation and Slurry Lines
	GREEN - Sewers and Drain Lines



STOP - CALL US
BEFORE YOU DIG
PENNSYLVANIA ONE CALL SYSTEM, INC.
3 WORKING DAYS NOTICE IS THE LAW!
1-800-242-1776



APWA Uniform Guidelines for Temporary Marking



This marking guide provides for universal use and understanding of temporary marking of underground facilities to prevent accidental damage or service interruption by contractors, excavators, utility companies, municipalities or any others working on or near those underground facilities.

Proposed Excavation

Use white marks to outline the location, route or boundary of proposed excavation. Surface marks on roadways do not exceed 1 1/2" x 18". The facility color and owners identity can be added to the white marks for facility owners.

This should be done prior to calling:

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

Pennsylvania law requires no less than 3 nor more than 10 working days before you dig.

Temporary Survey Markings

Use pink for all surveying and grade marks.

Temporary Facility Markings

Use color-coded surface marking (i.e. water-based paint or chalk) to indicate the location or route of active and out of service buried lines. To increase visibility, color-coded vertical markers (i.e. stakes or flags) supplement surface markings. Marks and markers indicate the name, initials or logo of the facility owner/operator of the line, and the width of the facility if it is greater than 2". Marks placed by other than the facility owner/operator or its agent indicate the identity of the designating firm. Multiple lines in a joint trench are marked in tandem, showing the number of lines of each type. If the surface over the buried line is to be removed, supplementary offset markings shall be used. Offset marking is on a uniform alignment and clearly indicates the actual facility is a specific distance away.

Tolerance Zone

Any excavation within the tolerance zone is performed with non-powered hand tools or by non-invasive methods until the marked facility is exposed. The width of the tolerance zone may be specified in law or code. If not, a tolerance zone including the width of the facility plus 18" measured horizontally from each side of the facility is recommended.

Uniform Color Code

The American Public Works Association's Uniform Color Code is PA law. The code uses ANSI Standard Z535.1 Safety Colors, as shown for temporary marking of excavation sites and underground facility identification.