EAST LAMPETER TOWNSHIP

Non-Residential & Multi-Family Residential Building Permit

Procedure for Applicants to Obtain a Building/Zoning Permit will be as follows:

- 1. The applicant for a Non-Residential or Multi-Family Building Permit or their selected agent will choose and contact one of the authorized Review and Inspection Agencies to contract for plan review and construction services. Once an Inspection Agency has been selected and a plan review is performed for a Building Permit, the Agency will perform all inspections associated with the permit. If the development has a name, the name must appear on the Building Permit Application.
- 2. The applicant or selected agent will complete the East Lampeter Township Application for Non-Residential and Multi-Family Zoning Permit and the UCC Application for Building Permit provided by East Lampeter Township. The completed applications, construction plans, and any other required documents and specifications for plan review will be submitted to the selected Agency. East Lampeter Township requires three (3) complete sets of approved plans and related documents for processing of the permit.
- 3. Upon completion of the plan review process, the following list of documents following shall be submitted to the Building Code Officer (BCO) at East Lampeter Township for the final processing of the Zoning/Building Permit and issuance of the Permit to the applicant: three (3) complete sets of plans along with any accompanying documents and specifications, the completed East Lampeter Township Application for Non-Residential and Multi-Family Zoning Permit, the UCC Application for Building Permit, complete list of required inspections including the Inspector's name and phone number, and the Certificate of Workers Compensation with East Lampeter Township listed as a certificate holder. No inspections shall be performed until the Township has released the Building/Zoning Permit without prior approval of the BCO.
- 4. All plan review and inspection fees are to be set and collected by the Inspection Agency. When the application for a permit is submitted to the Township, East Lampeter Township will collect its own zoning, code administration, and L&I Educational fees separately. The Township will not collect or pay out fees for plan reviews and inspections. No fees to the Township are required with the application.
- 5. Initially, only a Footer & Foundation Deferred Permit will be issued for projects involving new building construction or building addition. A Full Building Permit will be issued only after receipt of a certification from a Professional Land Surveyor registered with the Commonwealth of Pennsylvania stating the following: Footer and Foundation of the building are within approved building envelope and is clear of any utility, storm water management, or sanitary sewer easements; elevations of the footer, foundation and first floor elevation are within the parameters of the approved Storm Water Manager Plan; the Footer, foundation and first floor elevations are located in compliance with the approved Land Development Plan for the project; the Proposed building is a the location shown on the approved Final Plan for the project; the Storm Water Management berm, outlet structure, and emergency spillway have been constructed per approved Storm Water Management Plan, all subject to review, verification, and approval by appropriate Township staff.
- 6. The Certificate of Use and Occupancy will be issued by East Lampeter Township. The BCO must be notified prior to final inspection of a project to coordinate such final inspection. The BCO must inspect the project prior to issuing a Certificate of Occupancy. A Certificate of Use & Occupancy will be issued by East Lampeter Township upon successful inspection and after receiving a list of completed inspections signed by the performing inspector.

Effective Date: March 1, 2012

EAST LAMPETER TOWNSHIP

Non-Residential & Multi-Family Third Party Inspections

Associated Building Inspections, LLC (ABI)

1647 N. Reading Road Stevens, PA 17578 717-733-1654 Permits@weknowcodes.com

Code Administrators, Inc.

1862 Charter Lane, Suite 101
Lancaster, PA 17601
717-859-3350
staff@codeadministrators.com

Technicon Enterprises, Inc. II
200 Bethlehem Drive
Morgantown, PA 19543
610-286-1622
EFuhrmann@tecnicon2.com

Building Inspection Underwriters of Pa, Inc. (BIU)

590 Centerville Road P.O. Box 354 Lancaster, PA 17601 717-572-0280

EAST LAMPETER TOWNSHIP

2250 Old Philadelphia Pike, Lancaster, PA 17602 Phone: (717) 393-1567/Fax: (717) 393-4609

APPLICATION FOR NON-RESIDENTIAL & MULTI-FAMILY ZONING PERMIT

#
MPLETION
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#
Electric Only
**** **********
ances of East Lampeter Township, and rformed in accordance with the above.

Permit Fee: Paid
Paid Granted / Permit Denied
*



File No.:	
Permit No.:	
Date:	

APPLICATION FOR UCC BUILDING PERMIT

EXPEDITE REVIEW. ADDITIONAL FEE SUBMITTED.

ACT 24 EXEMPTION

Site	Facility Name (name of company, mall, inst	titution, university	, etc.):		
Information	Building and for Tonant Name				
Political Subdivision	Building and/or Tenant Name Street Number and Name				
and County names	City				
are required.	Political Subdivision:		County		
Application Type	Accessibility Only Review Alteration or Renovation New Structure/Facility Phased Approval Uncertified (Existing) Building		Addition New Building Partial Occupancy Plan Revision/Defer	red Submission	
Use/Occupancy Classi	A-1 A-2 F-1 F-2 I-1 I-2	A-3	A-4 A-5 H-2 H-3 I-4 M	☐ B ☐ H-4 ☐ R-1	□ E□ H-5□ R-2
Check box to left of applicable group. Check all that apply.	R-3 Adult Care Single Family Dwelling/Townhouse (mu	R-3 state-owned	R-4 S-1 d)	S-2	U
Mandatory Documents	Check each block below indicating that a Four (4) site plans Three One (1) completed copy of the UCC- One (1) set of specifications (only if	(3) assembled ar 2 UCC PLAN REV	nd bound sets of construc IEW CHECKLIST	tion drawings	
Special Requirements &	Does this construction involve modular units built in a factory?	Yes No	If "Yes," submit 1 copy of J., 6., on the "Plan Review page on the UCC website.	and Inspection Re	
Documentation	Is this construction regulated by the Health Care Facilities Act?	Yes No	If "Yes," submit 1 copy of t the PA Department of Hea		issued by
	Is this construction exempt from energy code requirements?	Yes No	If "Yes," submit 1 copy of building or structure will u fuels, and thus is exempt If "No," submit 1 copy of the described in Section H., 7. Inspection Requirements"	ise neither electric per ASHRAE 90.1, he compliance doc ., on the "Plan Rev	ity nor fossil §2.3(B). sumentation iew and
	Is project in flood hazard area?	Yes No	If "Yes," submit 1 copy of o International Building Coo		zard certi the
	Are Interna Building Code (Chapter 17) special inspections or structural observations required?	Yes No	If "Yes," submit 1 copy of t OBSERVATIONS STATEME		INSPECTIONS
	Will an alternative construction method or material be used on this project?	Yes No	If "Yes," submit a signed s proposed method or mate 34 PA Code §403.44.		
	Is this application for "phased approval"?	Yes No	If "Yes," submit the stater Section D., 4., on the "Plar Requirements" page on th	Review and Inspe	ction
For L&I Use Only	Check #: Am	ount:	Rate		

Project Data	Number of stories above grade Does it have a basement?
	File #: Permit #: DI #: Other (MA #/Fee #):
Building Code Data	Triennial ICC code version used for Building code compliance: 2015 2018 If Alterations to existing certi building: (select applicable document used) IBC Chapter 34 International Existing Building Code (IEBC)
Accessibility Code Data	Triennial ICC code version for Accessibility code compliance/IBC Chapter 11 2018
Design Professional In Responsible Charge Seal must be in space to right of name & address.	Name Address PA License # SEAL Email Phone Fax
Owner Information	Owner Name Street Address City State Zip Code Phone
Deferred Submissions	If you intend to defer any of the plan submission below, please, check the appropriate box(es). See Section Q on the "Plan Review and Inspection" page on the UCC website for information about submitting these drawings at a later date. Fire Alarm System Roof Trusses (Certi Sprinkler System)

Fees:			
List to	tal sq. ft. of floor area:	List estimated construction cost:	\$
If new	building or addition:	Pay \$377.49 standard fee	\$
		Plus, pay \$.76 multiplied by total sq. ft. of floor area	\$
If new	structure or facility (other than building):	Pay \$1134.81	\$
If alte	ation or renovation of existing building:	Pay \$377.49 standard fee	\$
		Plus, pay \$76.44 per each \$1000 of est. construction cost	\$
If acce	ssibility only review:	Pay \$758.52	\$
If phas	ed approval:	Pay \$300.00	\$
	ion of approved plans or partial	Dou 6597.09	Ś
	ancy request:	Pay \$587.98	•
IF EXI	PEDITED REVIEW:	PAY \$1175.96 PLUS APPLICABLE FEES ABOVE	\$\$ \$
Make	check or money order payable to Commo	TOTAL FEE(S) onwealth of Pennsylvania.	ə
Applic	ant's Certification:		
Note:	THE BUILDING PERMIT AND THE CERTIFIC ISSUED TO AND IN THE NAME OF THE P	ATE OF OCCUPANCY FOR THIS BUILDING OR STRUCTURE VERSON LISTED BELOW.	WILL BE
As the	owner or the authorized agent of the project	for which this application is I certify that:	
1.	The estimated construction cost and all othe correct.	er information provided as part of this application for a building	g permit is
2.	The building or structure described in this all and a Certi	pplication will not be occupied until all known code violations a	are corrected
3.		ce with the approved drawings and speci (including any require ion Code standards as speci PA Code Chapters 401-405.	ed non-
4.	Any changes to the approved documents wi	ll be with the Department of Labor & Industry.	
5.	If the licensed architect or engineer in responsible by provided to the Department of Labo	onsible charge of this construction should change, written notion & Industry.	ce of the change
6.	When required, up to 20% of the total cost of will be expended to provide an accessible re	of any work performed on an area of primary function in an exocute to the area of primary function.	isting building
7.	=	and speci or application, whether approved or not, shall perminer other than provided for in 34 PA Code Chapters 401-405.	it or relieve
Ар	olicant Name		
Str	eet Address		
Cit	/	State Zip Code	
	one		
	ail		
Ар	olicant Signature	Date	

Workers Compensation Insurance Coverage Information (Attach to Zoning and/or Building Permit Applications) (If work is being done by homeowner you are exempt from this form)

A.	THE APPLICANT IS: (THIS INCI	LUDES ALL SUBCONTRACTORS)
	A contractor within the meaning of the \square Yes \square No	Pennsylvania Workers Compensation Law
	If the answer is "YES" complete Section	on (B), If "NO" complete Section (C).
B.	INSURANCE INFORMATION:	
	Name of applicant:	
	Federal or State employer identification	ı No
	Applicant is a qualified self-insurer for Certificate attached	workers compensation.
	Name of Workers Compensation Insure	er:
	Workers Compensation Insurance Police Certificate attached	cy No
	Policy Expiration Date:	
C.	Complete Section C if the applicant is a workers compensation insurance.	a contractor claiming exemption from providing ST GET NOTARIZED).
		that he/she is not required to provide Workers provisions of Pennsylvania's Workers ollowing reasons, as indicated:
		ntractor prohibited by law from employing any this building permit unless contractor provides
	☐ Religious exemption under the Wo	orkers Compensation Law.
	Subscribed and sworn to before me this	Signature of applicant
	day of20	Address
	(Signature of Notary Public)	County of
	My commission expires:	Municipality of
	(SEAL)	

Ordinance NO. 275 of 2008

AN ORDINANCE PROVIDING FOR THE INSTALLATION OF LISTED RAPID ENTRY KEY BOXES, HAZARDOUS MATERIALS CABINETS, KEY SWITCHES, SECURITY PADLOCKS, AND FIRE SPRINKLER SECURITY CONNECTION CAPS FOR USE BY THE FIRE DEPARTMENT TO GAIN ACCESS TO A STRUCTURE

Background:

Many buildings, particularly buildings other than one and two-family dwellings, are equipped with automatic alarm systems and/or sprinkler standpipe system. Such automatic systems may cause the fire companies of East Lampeter Township or neighboring townships to be summoned at a time when the building is not occupied or when the occupant of the building is not available to provide entry for the Fire Department. The Township wishes to prevent damage from forceful entry to such structures and to provide swift entry into such structures by the Fire Department. The standard model fire code provides that any Fire Department may require certain occupancies to maintain a rapid access or rapid entry system as prescribed by the Fire Department. The East Lampeter Township Board of Supervisors finds the need to establish such a rapid entry system for the township and for any areas covered by the Hand-in-Hand, Lafayette, Ronks, Witmer, Paradise-Leaman Place, Eden, Lampeter, and Gordonville Fire Companies.

NOW THEREFORE, be it enacted and ordained as follows:

Section 1. Definitions

FIRE OFFICIAL: The Fire Chief or his designee

FIRE DISTRICT: The normal fire protection district located within East Lampeter Township covered by Hand-in-Hand, Lafayette, Ronks, Witmer, Paradise-Leaman Place, Eden, Lampeter or Gordonville Fire Companies.

RESPONSIBLE PARTY: The person or persons charged with the responsibility for the occupancy of a building or the owner of a business which is the occupant of such building.

KEY BOX: A UL Listed box, size and style, approved by the Fire Official that meets the requirements and uses the same security key code adopted by the Fire Department.

KEY SWITCH: A switch that allows a person with a key (but no one else) to override an electronic system. A key switch can also control the emergency power shutoff system allowing for access by the Fire Department.

SECURITY PADLOCK: A padlock approved by the Fire Official that utilizes the approved key code utilized by the Fire Department.

SECURITY CAP: A Fire Department Connection (FDC) Plug and Cap approved for use in East Lampeter Township by the Fire Official.

Section 2. Application of Ordinance:

- A) MANDATORY KEY BOXES FOR FIRE SUPPRESSION AND STANDPIPE SYSTEMS
 When a building within the Fire District is protected by an automatic fire suppression and/or standpipe system, it shall be equipped with a Key Box, installed at a location approved by the Fire Official.
- B) MANDATORY KEY BOXES FOR AUTOMATIC ALARM SYSTEMS
 When a building is protected by an automatic alarm system and/or access to or within a building, or an area within that building, is unduly difficult because of secured openings, and where immediate access is necessary for life saving or firefighting purposes, it shall be equipped with a Key Box, to be installed at a location approved by the Fire Official.
- C) MANDATORY KEY BOXES FOR MONITORED ALARM SYSTEMS, SPRINKLER SYSTEMS, OR AUDIBLE ON SITE ALARMS When an existing building is protected by a monitored alarm system, a sprinkler system, and/or an audible on site alarm, it shall be equipped with a Key Box, to be installed a location approved by the Fire Official within six (6) months of being notified by the Township of the requirements of the Ordinance.

D) KEY BOX STANDARD

The Key Box shall be a Knox-Box as approved and agreed upon by the Fire Official and the building owner.

E) MANDATORY STORAGE CABINET

In buildings storing or dispensing Hazardous Materials, a Hazardous Materials Cabinet may be required to store Material Safety Data Sheets and other information as required by the Fire Official.

F) AUTOMATIC GATES

When a property is accessed through a gate or cross arm that impedes ingress through required Fire Lanes by means of a key or swipe card, it shall be equipped with a Key Switch to be installed at a location approved by the Fire Official.

G) SECURITY PADLOCK

When requested by the Fire Official, a property that is protected by a locked fence or gate and where immediate access to the property is necessary for life saving and firefighting purposes, it shall be equipped with a Security Padlock to be installed at a location approved by the Fire Official. It shall then be the responsibility of the Responsible Party to see that the fence or gate is secured properly so that the Security Padlock is accessible.

H) CONSTRUCTION SITES

When requested by the Fire Official, a construction site that is to be secured by a locked fence or gate, such site shall be subject to the same requirements as properties protected by Security Padlocks during the duration of construction or until the fence or gate is removed. The Security Padlock will be obtained by placing a security deposit with the first due covering fire company in an amount set to cover replacement of Security Padlock should it be lost or damaged. Once the deposit has been made, a Fire Official will come to the construction site and explain the use of the Security Padlock. It shall then be the responsibility of the construction company to see that the fence or gate is secured properly so that the Security Padlock is accessible.

SECURITY OF FIRE DEPARTMENT CONNECTIONS

When a building is protected by an automatic sprinkler and/or standpipe system and the fire department connection is exposed to vandalism, the Fire Official may require that a Security Cap be installed.

J) NON-APPLICABILITY TO ONE AND TWO-FAMILY DWELLINGS

The requirements of this ordinance are not applicable to one and two-family dwellings. However, the occupants of one and two-family dwellings are encouraged to participate voluntarily by using a Residential Security Box.

K) KEY BOX SPECIFICATIONS

The Key Boxes shall be located and shall contain, but not be limited to the following items as designated by the Fire Official.

- a. Labeled Keys or Key Cards to locked points of egress, whether in interior or exterior of such buildings.
- b. Labeled Keys or Key Cards that are current.
- c. Labeled Keys or Key Cards to the locked mechanical rooms.
- d. Labeled Keys or Key Cards to any fence or secured areas not covered by the provisions for Automatic Gates, Security Padlocks, and Construction Sites (see Section 2 E, F, and G above).
- e. Labeled Keys or Key Cards to any other areas that may be required by the Fire Official.
- f. A card containing the emergency contact people and phone numbers for each occupancy.
- g. Floor plans of the rooms within the building may also be required, showing locations of shut offs.
- h. The Material Safety Data Sheets for all Hazardous Materials, as required.
- i. The key box shall be installed at a location agreed upon by the Fire Official.
- j. The key box may have an optional tamper switch, wired on a separate zone, that will activate a trouble alarm if anyone tampers with the box.

k. The installation of the key box shall be made in accordance with the manufacturer's recommendation in addition to the approval of the Fire Official.

L) ALERT DECALS

Alert Decals, approved by the Fire Official, to alert fire companies of the presence of security features covered by this ordinance, will be displayed on any outside doors or windows as designated by the Fire Official.

M) SHARING OF KEYS

Township based fire companies Hand-in-Hand, Lafayette, Ronks, Witmer, Paradise-Leaman Place, Eden, Lampeter, and Gordonville Fire Companies are allowed to share the Key Box keys for their service area with other Township based fire companies.

N) RETURN OF KEYS CURRENTLY BEING HELD

After four (4) months following passage of this ordinance, all keys currently in possession of the Fire Department will be returned to the Responsible Party.

O) BUILDING PERMITS

Compliance with this ordinance shall be a condition precedent to obtaining a building permit for all buildings for which building permits have not been received as of the effective date of this ordinance and for receiving Certificates of Occupancy for all buildings for which Certificates of Occupancy have not been received before the effective date of this ordinance. The requirements of this ordinance, other than these requirements concerning building permits and certificates of occupancy, shall be applicable for all other buildings for which occupancy permits have been received prior to the effective date of this ordinance.

P) VIOLATIONS

Every violation of this ordinance shall constitute a summary offense which may be enforced by action brought before a District Justice under the Pennsylvania Rules of Criminal Procedure. Conviction of violation shall include a criminal fine not to exceed One Thousand and 00/100 (\$1,000.00) Dollars per violation. Each day that a violation exists or is permitted to continue to exist shall constitute a separate offense. In addition to summary criminal enforcement, the provisions of this ordinance may be enforced by the Township through an action in equity brought in the Court of Common Pleas of Lancaster County. All fines and penalties collected for the violation of the ordinance shall be paid to the Township Treasurer.

Section 3. Provisions Severable:

The provisions of this ordinance are severable. If any portion of this ordinance is deemed by a court of competent jurisdiction to be invalid or unenforceable, it is the stated intent of the Board of Supervisors that the remaining provisions would have been adopted.

Section 4. Effect of this Ordinance on Other Ordinances:

This ordinance is to be read as complementary with and not in substitution of or as a modification of other Township ordinances addressing fire safety requirements and is further intended to be read as consistent with and complementary with the requirements of the Uniform Construction Code as implemented by East Lampeter Township.

Section 5. Effective Date of Ordinance:

This ordinance shall become effective five (5) days after the date of its enactment.

BOARD OF SUPERVISORS OF EAST LAMPETER TOWNSHIP

(Vice) Chairman

Special Inspections and Observation Statement

Municipal Permit # Date:

This statement must a for which special Chapter 17 o	This statement must accompany permit applications for all construction for which special inspections and observations are required in Chapter 17 of the <i>International Building Code (IBC)</i> .
Project Name:	
Project Address:	
Owner:	Telephone:
e-mail:	

This is to certify that all the inspections and observations that I have checked on pages 2-3 and on page 4 of this statement are required for the project named above and will be performed by the designated individuals or firms. By signing this statement, I also acknowledge that:

- applicable) and that the construction work must comply with the department-approved plans and specifications and all applicable provisions of the These inspections and observations must be performed by competent individuals in accordance with the requirements of the IBC Chapter 17 (as Uniform Construction Code;
- Records of all required special inspections and testing observations (including any discrepancies and methods of correction of these discrepancies) will be retained and made available to department representatives, upon request; and,
- The Final Report section of this statement must be signed by me and a copy of this statement submitted to the department inspector at the time that the final inspection is performed and before a certificate of occupancy is issued.

Name of Design Professional in Responsible Charge

Signature of Design Professional in Responsible Charge

PA License Number

Date signed (Month/Day/Year)

CHECK EACH THAT APPLIES	TYPE OF SPECIAL INSPECTION OR OBSERVATION	NAME AND ADDRESS OF INDIVIDUAL AND/OR FIRM PERFORMING INSPECTION OR OBSERVATION	CREDENTIALS Enter acronym from page 4. If "Other," please specify special training or basis for competency to perform work.
	Inspection of Fabricators		
	Inspection of Steel Construction		
	Inspection of Concrete Construction		
	Inspection of Masonry Construction		
	Inspection of Wood Construction		
	Inspection of Soil Conditions		
	Inspection of Pile Foundations		

CREDENTIALS Enter acronym from page 4. If "Other," please specify special training or basis for competency to perform work.							
NAME AND ADDRESS OF INDIVIDUAL AND/OR FIRM PERFORMING INSPECTION OR OBSERVATION							
TYPE OF SPECIAL INSPECTION OR OBSERVATION	Inspection of Pier Foundations	Inspection of Wood Panels and Veneers	Inspection of Sprayed Fire- Resistant Materials	Inspection of Smoke Control	Inspection of Exterior Insulation & Finish System (EIFS)	Structural Observations	Inspection of Mastic and Intumescent Fire-Resistant Coatings
CHECK EACH THAT APPLIES							

Final Report:	Required Special Inspections or	Observations:	is:
Note: This page to be filled out and submitted to the building code official at the completion of the project before the Certificate of Use and Occupancy is	Inspection of Fabricators Inspection of Steel Construction Inspection of Concrete Construction Inspection of Masonry Construction Inspection of Wood Construction Inspection of Soil Conditions Structural Observations	on on	Inspection of Pile Foundations Inspection of Pier Foundations Inspection of Wood Panels and Veneers Inspection of Sprayed Fire-Resistant Materials Inspection of Smoke Controls Inspection of Exterior Insulation & Finish System (EIFS) Inspection of Mastic and Intumescent Fire-Resistant Coatings
Булеа.	I certify that I have reviewed the recovered work is in compliance with Uniform Construction Code.	port on ear	I certify that I have reviewed the report on each of the inspections or observations check above. These reports indicate that the covered work is in compliance with the department-approved plans and specifications and all applicable provisions of the Uniform Construction Code.
	SEAL		Signature of Design Professional in Responsible Charge
			Date Signed (Month/Day/Year)
		ACI	American Concrete Institute Certified Concrete Field Testing Technician
		AWS	American Welding Society Certified Welding Inspector
		ASNT	American Society of Non-Destructive Testing
	KEY for use in CREDENTIALS	AWCI	Association of Wall and Ceiling Industries
	column (on pages 2 and 3)	MCA	Model code agency (ICC, BOCA, SBCCI, ICBO) special inspection certification
		PA	Professional Architect (currently licensed)
		PE	Professional Engineer (currently licensed)
		OTHER	Specialized training coursework or other basis for competency deemed acceptable

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TABLE 1704.3 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
	1. Material verification of high-strength bolts, nuts, and washers:	id washers:		
	a. Identification markings to conform to ASTM standards specified in the approved construction documents.		×	AISC 360 Section A3.3 and applicable ASTM material standards
	 b. Manufacturer's certificate of compliance required. 		X	
	2. Inspection of high-strength bolting:			
	a. Snug-tight joints.		X	
	 b. Pretensioned and slip-critical joints using turn-of-nut with matchmarking, twist-off bolt or direct tension indicator methods of installation. 		×	AISC 360 Section M2.5
	c. Pretensioned and slip-critical joints using turn-of-nut without matchmarking or calibrated wrench methods of installation.	×		
	3. Material verification of structural steel and cold-formed steel deck.	med steel deck.		
	a. For structural steel, identification markings to conform to AISC 360.		X	AISC 360 Section M2.5
	 b. For other steel, identification markings to conform to ASTM standards specified in the approved construction documents. 	1	×	Applicable ASTM material standards
	c. Manufacturer's certified test reports.		×	
	4. Material verification of weld filler materials.			
	a. Identification markings to conform to AWS specification in the approved construction documents.		×	AISC 360 Section A3.5 and applicable AWS A5 documents
	 b. Manufacturer's certificate of compliance required. 		X	

CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
	5. Inspection of welding:			
	a. Structural steel and cold-formed steel deck:			
	Complete and partial joint penetration groove welds.	X		
	2) Multipass fillet welds.	X		
	3) Single-pass fillet welds > 5/16"	X	1	AWS D1.1
	4) Plug and slot welds.	X		
	5) Single-pass fillet welds ≤ 5/16"		X	
	6) Floor and roof deck welds.		X	AWS D1.3
	b. Reinforcing steel:			
	1) Verification of weldability of			
	reinforcing steel other than ASTM A	1	×	
	 Reinforcing steel resisting flexural and axial forces in intermediate and 			
	special moment frames, and	^		AWS DI.4
	boundary elements of special	Υ		Section 3 5 7
	structural walls of concrete and shear reinforcement.			2.5.6 11011205
	3) Shear reinforcement.	X		
	4) Other reinforcing steel.		X	
	6. Inspection of steel frame joint details for compliance.	e.		
	a. Details such as bracing and stiffening.	1	X	
	b. Member locations.		X	I
	c. Application of joint details at each connection.		X	

For SI: 1 inch - 25.4 mm.

a. Where applicable, see also Section 1707.1. Special inspection for seismic resistance.

TABLE 1704.4 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
	Inspection of reinforcing steel, including prestressing tendons, and placement.		×	ACI 318: 3.5, 7.1-7.7	1913.4
	 Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5b. 			AWS D1.4 ACI 318: 3.5.2	I
	Inspection of bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased or where strength design is used.	×		ACI 318: 8.1.3, 21.2.8	1911.5, 1912.1
	4. Inspection of anchors installed in hardened concrete.		X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1912.1
	5. Verifying use of required design mix.	-	X	ACI 318: Ch. 4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
	6. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	×		ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1913.10
	7. Inspection of concrete and shotcrete placement for proper application techniques.	X		ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
	 Inspection for maintenance of specified curing temperature and techniques 			ACI 318: 5.11-5.13	1913.9
	 Inspection of prestressed concrete: Application of prestressing forces. Grouting of bonded prestressing tendons in the seismic-force-resisting system. 	×		ACI 318: 18.20 ACI 318: 18.18.4	
	10. Erection of precast concrete members.	1	×	ACI 318: Ch. 16	1
	11. Verification of in-situ concrete strength prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs.		×	ACI 318: 6.2	
	12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		X	ACI 318: 6.1.1	

For SI: 1 inch = 25.4 mm a. Where applicable

Where applicable, see also Section 1707.1, Special inspection for seismic resistance

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LEVEL 1 REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION **TABLE 1704.5.1**

CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	CY OF	REI	REFERENCE FOR CRITERIA	TERIA
		CONTINUOUS	PERIODIC	IBC SECTION	TMS 402/ACI 530/ASCE 5 ^a	TMS 602/ACI 530.1/ASCE 6 ^a
	13. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		×			Ап. 1.5
	14. Verification of f'_m and f'_{AAC} prior to construction except where specifically exempted by this code.		×		-	Art 1.4B
	15. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.	X				Art. 1.5B.1.b.3
	16. As masonry construction begins, the following shall be verified to ensure compliance.	hall be verified to ensure	compliance.			
	a. Proportions of site-prepared mortar.	1	X		1	Ап. 2.6А
	b. Construction of mortar joints	-	X			Ап 3.3В
	c. Location of reinforcement, connectors, prestressing tendons and anchorages.		×			Ап. 3.4, 3.6А
	d. Prestressing technique.		X			Art. 3.6B
	e. Grade and size of prestressing tendons and anchorages.		×			Art. 2.4B, 2.4H
	17. During construction the inspection program shall verify:	Il verify:				N. C.
	a. Size and location of structural elements.		×			Art. 3.3F
	 b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction. 		×		Sec. 1.2.2(e), 1.16.1	
	 Specified size, grade, and type of reinforcement, anchor bolts, prestressing tendons, and anchorages. 		×		Sec. 1.15	1 2
	d. Welding of reinforcing bars.	×		1	Sec. 2.1.9.7.2, 3.3.3.4(b)	1

CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	CY OF ION	REF	REFERENCE FOR CRITERIA	TERIA
	e. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).		×	Sec. 2104.3, 2104.4		
	 Application and measurement of prestressing force. 	X				Art. 3.6B
	18. Prior to grouting, the following shall be verified to	be verified to ensure compliance:				4
	a. Grout space is clean.		X			Art. 3.2D
	 b. Placement of reinforcement and connectors, and prestressing tendons and anchorages. 		×		Sec. 1.13	Ап. 3.4
	c. Proportions of site-prepared grout and prestressing grout for bonded tendons.		X			Ап. 2.6В
	d. Construction of mortar joints.		X			Art. 3.3B
	 Grout placement shall be verified to ensure compliance: 	×				Апт. 3.5
	a. Grouting of prestressing bonded tendons.	X		1	1	Art. 3.6C
	20. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	1	×	Sec. 2105.2.2, 2105.3	-	Ап. 1.4

For SI: $^{\circ}$ C = [($^{\circ}$ F) – 32]/1.8. a. The specific standards reference are those listed in Chapter 35.

TABLE 1704.5.3

LEVEL 2 REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION

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CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	CY OF	REF	REFERENCE FOR CRITERIA	TERIA
		CONTINUOUS	PERIODIC	IBC SECTION	TMS 402/ACI 530/ASCE 5 ^a	TMS 602/ACI 530.1/ASCE 6 ^a
	21. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		×			Ап. 1.5
	22. Verification of f'_m and f'_{AAC} prior to construction and for every 5,000 square feet during construction.		×	and a final part of the first o		Art 1.4B
	23. Verification of proportions of materials in premixed or preblended mortar and grout as delivered to the site.		×			Апт. 1.5В
	24. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.	X				Art. 1.5B.1.b.3
	25. The following shall be verified to ensure compliance:	ice:				
	f. Proportions of site-prepared mortar, grout, and prestressing grout for bonded tendons.		×			Ап. 2.6А
	g. Placement of masonry units and construction of mortar joints.		×		And the second	Алт 3.3В
	 h. Placement of reinforcement, connectors, and prestressing tendons and anchorages. 		×		Sec. 1.15	Ап. 3.4, 3.6А
	i. Grout space prior to grout.	×	1			Art. 3.2D
	j. Placement of grout.	X		-		Art. 3.5
	k. Placement of prestressing grout.	X				Art. 3.6C
	I. Size and location of structural elements.		X			Art. 3.3F
	m. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames, or other construction.	×			Sec. 1.2.2(e), 1.16.1	
	n. Specified size, grade, and type of reinforcement, anchor bolts, prestressing tendons, and anchorages.		×		Sec. 1.15	Ап. 2.4, 3.4
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CHECK IF APPLICABLE	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	CY OF TON	R	REFERENCE FOR CRITERIA	ITERIA
	o. Welding of reinforcing bars.	×			Sec. 2.1.9.7.2, 3.3.3.4(b)	
	p. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature below 90°F).	1	×	Sec. 2104.3, 2104.4		Art. 18.C, 1.8D
	 Application and measurement of prestressing force. 	×				Art. 3.6B
	26. Preparation of any required grout specimens and/or prisms shall be observed.	×	1	Sec. 105.2.2, 2105.3	-1	Art. 1.4

For SI: $^{\circ}$ C = [($^{\circ}$ F) – 32]/1.8, 1 square foot = 0.0929 m 2 . a. The specific standards referenced are those listed in Chapter 35.

TABLE 1704.7 REQUIRED VERIFICATION AND INSPECTION OF SOILS

PERIODICALLY DURING TASK LISTED	X	X	X		X
CONTINUOUS DURING TASK LISTED	1			X	1
VERIFICATION AND INSPECTION TASK	 Verify materials below shallow foundations are adequate to achieve the design bearing capacity. 	2. Verify excavations are extended to proper depth and have reached proper material.	 Perform classification and testing of compacted fill materials. 	 Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill. 	5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly.
CHECK IF APPLICABLE					

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.

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.

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



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.

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 District's: 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





Go to: Subjects, Air Quality, Index, Asbestos, Contractor Info Get the notification form at: http://www.dep.state.pa.us

Questions? Call DEP Lancaster Office

at 717-299-7601

"see NESHAP Regulation 40 CFR 61 Subpart M