



**Permit Submittal Requirements
Commercial Build-out/Remodel**

Overview:

The following plans, documents and fees are **all required** to be submitted at the time of permit application. Partial submittals will not be accepted.

Address: _____ **Applicant:** _____

Building Division Requirements:

- Village of Westmont Permit Application - signed by property owner
- Architectural Plans (4 Bound Sets and PDF) - signed and sealed by a licensed Illinois Architect
- Copy of all signed proposals indicating construction costs and scope of work
- Village of Westmont Plumbing Specification Sheet and Letter of Intent - signed by a licensed Illinois Plumber
- Fire Department Specifications & Requirements (**deferred submittals are NOT allowed**)
- Fire Department Sprinkler Plans (4 Copies and PDF) *Signed and sealed by a qualified sprinkler system designer (licensed architects are not qualified); see specification sheet for details and requirements.
- INCLUDED IN THIS PACKET FOR REFERENCE: Contractor Registration, Adopted Codes and Amendments, Electrical Specifications. (visit Village website for a complete list of local amendments)
- BUILDING APPLICATION FEE: $0.004 \times \text{cost of construction}$ (minimum of \$100) - **this fee is due at the time of submittal**



westmont.illinois.gov

Community Development Department

31 West Quincy Street • Westmont, Illinois 60559
Tel: 630-981-6250 Fax: 630-968-8610

PERMIT APPLICATION (Below to be completed by Applicant)

↓ FOR OFFICE USE ONLY ↓

↓ ADDRESS OF PROPOSED WORK and PIN #		↓ COST OF CONSTRUCTION	PERMIT # _____
ADDRESS		\$	↓ APPLICATION <u>INTAKE BY</u> / DATE SUBMITTED
PIN#			
↓ SPECIFY ALL CONSTRUCTION THAT APPLIES TO THIS APPLICATION ↓			COUNTY AND ZONING INFORMATION
RESIDENTIAL (1 & 2 Family only) <input type="checkbox"/> NEW Single Family Residence <input type="checkbox"/> Residential Addition, Porch, or Balcony <input type="checkbox"/> Residential Interior Remodel <input type="checkbox"/> Deck <input type="checkbox"/> Detached Garage <input type="checkbox"/> Electric <input type="checkbox"/> Fence <input type="checkbox"/> Fire Pit <input type="checkbox"/> HVAC <input type="checkbox"/> Plumbing <input type="checkbox"/> Pool, Hot Tub, Spa <input type="checkbox"/> Roof Tear-off <input type="checkbox"/> Shed <input type="checkbox"/> Solar Panel <input type="checkbox"/> Window/Door Replacement <u>Flatwork:</u> <input type="checkbox"/> Driveway <input type="checkbox"/> Patio <input type="checkbox"/> Steps/Walk <input type="checkbox"/> OTHER (Indicate in "Written Scope" below)		COMMERCIAL (Business, Multifamily) <input type="checkbox"/> NEW Commercial Building <input type="checkbox"/> Commercial Addition, Porch, or Balcony <input type="checkbox"/> Commercial Interior Remodel <input type="checkbox"/> Deck <input type="checkbox"/> Detached Garage <input type="checkbox"/> Electric <input type="checkbox"/> Fence <input type="checkbox"/> HVAC <input type="checkbox"/> Roof Tear-off <input type="checkbox"/> Plumbing <input type="checkbox"/> Window/Door Replacement <u>Flatwork:</u> <input type="checkbox"/> Parking Lot/Striping <input type="checkbox"/> Driveway <input type="checkbox"/> Patio <input type="checkbox"/> Steps/Walk <u>Signage:</u> <input type="checkbox"/> Permanent <input type="checkbox"/> Illuminated <input type="checkbox"/> Temporary <input type="checkbox"/> OTHER (Indicate in "Written Scope" below)	SPECIAL MANAGEMENT AREA: YES NO ZONING DISTRICT: R1 R1A R2 R3 R4 R5 R6 B1 B2 B3 C1 M O/R O/R-1 PD
If applicable, TOTAL AREA (square feet of ground disturbance) INSTALLED - REMOVED →		INSTALLED - REMOVED = NET NEW SF - = SF	↓ REQ <input type="checkbox"/> <u>BUILDING APPROVED BY</u> / DATE
↓ WRITTEN SCOPE / DESCRIPTION OF PROPOSED WORK, <i>if not fully specified above</i>			↓ REQ <input type="checkbox"/> <u>PLAN. & ZON. APPROVED BY</u> / DATE
			REQ <input type="checkbox"/> <u>FIRE APPROVED DATE:</u>
			↓ PERMIT <u>ISSUED BY</u> / DATE ISSUED
↓ PROPERTY OWNER - REQUIRED - PRINT INFORMATION BELOW			<input type="checkbox"/> See Conditional Approval Requirements per Comment/Sign Off Sheet <input type="checkbox"/> See Conditional Approval Requirements below X _____ Sign off for above Conditional Requirements
NAME:			
ADDRESS:			
PHONE:		EMAIL:	
<p>CONDITIONS: Plans, specifications, surveys, and any material provided are part of this application. Applicant and property owner agree to comply with the provisions of this application, specification sheets, adopted codes and ordinances of the Village of Westmont, Illinois AND SHALL NOT OCCUPY or USE the property, structure(s), or affected area(s) until final inspection and occupancy certification. Construction material or dumpsters are not permitted on Village property. Permit placard shall be posted and be visible from the public right-of-way. Village stamped approved plans shall be on site at all times. Inspections shall be requested by 3:00pm at least 1 business day in advance. Permit expires 1 year from date of issuance.</p>			
PROPERTY OWNER SIGNATURE (REQUIRED)		DATE	
AGENT OF OWNER SIGNATURE (ALSO REQUIRED IF APPLICANT)		DATE	



ADDRESS OF PROPOSED WORK _____ **PERMIT #** _____

List all Contractors associated with this permit, including, but not limited to:

General Architect Carpentry Concrete Drywall Electrician Engineer Excavation HVAC Landscape Masonry
Pavement (i.e. Asphalt) Plumber Roofer Underground (i.e. Sewer and Water) Window

↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	
↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	
↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	
↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	
↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	
↓ CONTRACTOR: <input type="checkbox"/> GENERAL <input type="checkbox"/> ARCHITECT <input type="checkbox"/> ELECTRIC <input type="checkbox"/> ENGINEER <input type="checkbox"/> PLUMBING <input type="checkbox"/> OTHER _____	↓ ESTIMATED COST PER CONTRACTOR
NAME:	
ADDRESS:	
PHONE: _____ EMAIL: _____	



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PLUMBING SPECIFICATIONS, REQUIREMENTS and GUIDELINES

NOTE: FOR ALL PLUMBING WORK, a Building Permit Application shall be submitted along with this SIGNED (by plumber and owner) Specification Sheet. Additional requirements may be applicable to this project. Please refer to the Community Development Staff for additional information.

ADDRESS: _____

Comply with all adopted village codes, including, but limited to: International Residential Codes, State of Illinois Energy Code, Illinois Plumbing Code, with local amendments and the following requirements:

1. The Village Building Permit does NOT INCLUDE SANITARY SEWER CONNECTION. A SEPARATE PERMIT IS REQUIRED from one of the following:
 - The Flag Creek Sanitary District (630) 323-3299
 - Downers Grove Sanitary District (630) 969-0664
 - DuPage County Public Works Department (630) 407-6800
2. A SEPARATE PERMIT for STREET OPENINGS ON COUNTY or STATE RIGHTS-OF-WAY must be obtained from the, respective, county and/or state authority.
3. The contractor (and property owner), hereby, understand that all work performed shall be in accordance with the State of Illinois Plumbing Code and all Village of Westmont local amendments.
4. For **Inspections**: installation shall have been completed (Roughs) and/or tested (Finals), as necessary, PRIOR to requesting the inspections (*by 3:00 pm the previous business day*) - including Water Taps.
5. For **Street Openings**: must not remain open longer than 35 hours or one night AND must be protected by barricades and necessary flares. Street openings necessary to perform this work shall be filled solidly with granular material. Pavement base shall be restored with crushed stone topped with CA-6 stone.
6. A **LETTER OF INTENT** SHALL BE SUBMITTED WITH THE BUILDING PERMIT APPLICATION.
7. **COMPLETE WSFU COUNT and SERVICE SIZE** on BACK SIDE for application and fee information.
8. **INSTALL ALL BRASS GOODS AS REQUIRED and ISSUED** per Westmont Water Department Review and Illinois Plumbing Code (may carry *additional cost* and include Copper Horn, Ball Valve, and Backflow Device)

YOUR SIGNATURE BELOW ATTESTS THAT THE INFORMATION PROVIDED IS CORRECT AND COMPLIES WITH VILLAGE ADOPTED CODES

PLUMBER Printed Name

Signature

Date

PLUMBER STATE LICENSE NUMBER

PROPERTY or BUSINESS OWNER Printed Name

Signature

Date



Water Service Fixture Unit (WSFU) Calculations

per Appendix A, Section 890.Tables M and N, Illinois Plumbing Code

FIXTURE TYPE	*NUMBER	VALUE	TOTAL
Water Closet (toilet)		3	
Lavatory (hand sink)		1	
Kitchen Sink and/or Bar Sink		2	
Bathtub only		2	
Shower only		2	
Bath/Shower Combo		2	
Dishwasher		1	
Laundry Tray (laundry tub sink)		3	
Laundry Machine (clothes washer)		2	

**Indicate the total number of existing to remain AND proposed fixture types*

FOR THE VILLAGE OF WESTMONT

WSFU Range	Water Service Pipe Size	Meter Size
^8 - 19	3/4"	5/8"
^20 - 34	1"	5/8"
^35 - 59	NOTE: 1 1/4" water service NOT AVAILABLE - must increase to 1 1/2" service/meter reqs.	
60 - 119	1 1/2"	1"

^NOTE: Per Sections 8.01.6(A) and (B), Village of Westmont *Standard Specifications*, all **NEW** Single Family Residences shall have a, minimum, 1 1/2" Water Service with a 1" Meter.

Indicate the size of the **existing** water service: _____

Indicate the size of the **new** water service, *if applicable*: _____



Fire Department Plan Review SPECIFICATIONS and REQUIREMENTS

ADDRESS: _____

Conveyance, Fire Alarm, Hood Suppression, and Sprinkler plans or shop drawings shall be submitted in conjunction with Building Permit Applications at the Westmont Community Development Department.

“Deferred” submittals are no longer acceptable - all plans shall be submitted for review at the start of a project along with any other plan sets. Permits will not be issued until all plan reviews are approved.

SUBMIT THE FOLLOWING (*intake staff* to verify required submittal documents indicated below):

For Conveyance (elevator, escalator, etc.) Plans

- Building Permit Application that is filled out and signed by contractor and owner for the project
- Contractor proposal (aka “cost estimate”)
- 4 - General plan sets (ie. drawn to scale)
- For Elevators, specifically, there is an additional required specification/application sheet, see attached and complete in entirety (this is required information needed to conduct the review)

For Fire Alarm Plans

- Building Permit Application that is filled out and signed by contractor and owner for the project
- Contractor proposal (aka “cost estimate”)
- 3 - General plan sets (ie. drawn to scale) - Systems shall be designed by a licensed fire alarm contractor or Illinois licensed electrician. This documentation is required in the submittal package.
- Battery calculations
- Cut sheet packet

For Hood System Suppression Plans

- Building Permit Application that is filled out and signed by contractor and owner for the project
- Contractor proposal (aka “cost estimate”)
- 3 - General plan sets (ie. drawn to scale) - Not always applicable, however, they are always in restaurants. Please contact the Westmont Fire Prevention Bureau (630-981-6402), directly, for clarification.
- Flow-point calculations
- Cut sheet packet

For Sprinkler Plans

- Building Permit Application that is filled out and signed by contractor and owner for the project
- Contractor proposal (aka “cost estimate”)
- 4 - General plan sets (ie. drawn to scale) - Plans shall be stamped by a qualified sprinkler system designer. Licensed architects are NOT considered qualified sprinkler system designers.
- Hydraulic calculation packet
- Cut sheet packet
- If applicable, standpipes shall be included in these packets (required for buildings three stories or more)
- If applicable, fire pump submittal shall be included in this packet
- Note: In some cases, work in buildings which are not, currently, sprinkled may trigger sprinkler requirements. Please contact the Westmont Fire Prevention Bureau (630-981-6402), directly, for clarification.

Printed Name

Signature **Date**



ELEVATOR APPLICATION

(For General elevator permit work, NOT annual inspection work)

DOES THE SCOPE OF THE PROPOSED WORK INCLUDE THE CONSTRUCTION OF A NEW ELEVATOR HOISTWAY OR INSTALLATION OF AN ELEVATOR INTO A SHAFTWAY LOCATION WHICH HAS **NOT** PREVIOUSLY CONTAINED A REGISTERED ELEVATOR CAB?

IF YES COMPLETE PART A AND PART B.

IF NO LIST THE ILLINOIS OSFM REGISTRATION NUMBER HERE.

ELEVATOR REGISTRATION #: _____ GO TO PART B.

PART A
JOB ADDRESS (INCLUDE BUILDING NAME OR NUMBER IF APPLICABLE)
OWNER / OCCUPANT / MANAGER, PHONE NUMBER, E-MAIL, LIST ALL
OWNER / OCCUPANT / MANAGER, PHONE NUMBER, E-MAIL, LIST ALL

PART B
TYPE OF WORK TO BE DONE: INSTALL ALTER REPLACE/REPAIR TEMP USE VALUE OF WORK \$ _____
IS THE ELEVATOR WORK PROPOSED BEING CONDUCTED IN RESPONSE TO WORK ORDERS ISSUED AS PART OF THE VILLAGE OF WESTMONT ANNUAL ELEVATOR INSPECTION PROGRAM? _____ YES _____ NO
IF YES LIST INSPECTION #: _____ OR ATTACH INSPECTION REPORT
ALL FEES WILL BE INVOICED BY THE VILLAGE OF WESTMONT, DO NOT SEND PAYMENT PLAN REVIEW - \$150, 2 ND PLAN REVIEW - \$100, PERMIT INSPECTIONS - \$150, SUBSEQUENT PERMIT INSPECTIONS, \$100

NEW INSTALLATIONS OR ALTERATIONS TO EXISTING ELEVATORS			
EQUIPMENT INFORMATION		BUILDING AND CAR INFORMATION	
CAPACITY (lbs)		NUMBER OF STORIES	
SPEED (ft / min)		NUMBER OF LANDINGS	
SAFETY TYPE (A, B, C, broken rope)		PLATFORM DIMENSIONS	
MACHINE TYPE		CAR INSIDE NET AREA	
CONTROL TYPE		CEILING / LIGHTING TYPE & WEIGHT (lbs)	
HOIST ROPES (#)		WALL COVERING TYPE & WEIGHT (lbs)	
HOIST ROPE DIAMETER (in.)		FLOOR COVERING TYPE & WEIGHT (lbs)	
BALANCED LOAD WT. (lbs)		TOTAL CAR WEIGHT	

SCOPE OF WORK
ALL WORK REQUIRES THAT A DETAILED DESCRIPTION OF THE NATURE OF THE ALTERATIONS OR REPAIRS BE ATTACHED. FOR WORK BEING CONDUCTED IN ORDER TO SATISFY AN ANNUAL INSPECTION DEFICIENCY, ATACH INSPECTION REPORT.

COMPANY NAME	CONTRACTOR LICENSE #
COMPANY ADDRESS	CONTACT PERSON (S)
CITY, STATE, ZIP	PHONE / E-MAIL

I certify that all information provided in this application form and as well as any supporting documents for fire review submittals and any other information provided by me in support of this application is true and accurate to the best of my knowledge. I certify that I will comply with all applicable State and local laws and regulations in performing the work for which this permit is issued, and that I possess all contractor and personal licenses and certificates of competency, if any, that are required for lawful performance of the work described in this permit. I understand that the issuance of this permit does not imply or authorize the granting of any such license or certificate of competency,
SIGNATURE _____ DATE _____
PRINT NAME: _____



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CONTRACTOR REGISTRATION FORM

BUSINESS NAME

NAME OF PRINCIPAL OWNER

TELEPHONE NUMBER

CELL PHONE NUMBER

STREET ADDRESS (NO P.O. BOX)

FAX NUMBER

CITY, STATE, ZIP CODE

EMAIL ADDRESS

TYPE OF CONTRACTOR

LICENSE # (IF APPLICABLE)

APPLICANT SIGNATURE

The applicant agrees to perform all work in conformance with all applicable State and Local regulations, codes, and standards. **Failure to** arrange inspections or remedy non-compliance of code related work may result in the termination of this registration and no further work within the Village shall be performed.

- 1) ALL CONTRACTORS, except IL State Licensed Plumbers (*performing interior work only*), shall be registered and bonded with the Village of Westmont prior to the issuance of any permits
- 2) Plumbers and Roofers shall submit a copy of their State of Illinois license
- 3) Electricians shall provide a copy of their valid license from an authorizing agency
- 4) A non-refundable fee of \$50.00 is due upon registration
- 5) A minimum \$10,000 Surety Bond shall be submitted, naming the Village of Westmont
- 6) Registration is valid for one year from the date of registration
- 7) Bond shall have an expiration date no earlier than one year from the date of registration

UPDATED - January 2018



COMMUNITY DEVELOPMENT DEPARTMENT

Effective January 1, 2015: The following Codes will be followed:

- 2015 ICC International Energy Conservation Code
- 2012 ICC International Building Code, with local Amendments
- 2012 ICC International Mechanical Code, with local Amendments
- 2012 ICC International Fuel Gas Code, with local Amendments
- 2012 ICC International Property Maintenance Code, with local Amendments
- 2012 ICC International Residential Code for One and Two Family Dwellings, with local Amendments
- 2012 ICC International Existing Building Code, with local Amendments
- 2012 ICC International Swimming Pool and Spa Code, with local Amendments

- 2012 ICC International Fire Code, with local Amendments
- 2012 ICC N.F.P.A. No. 101 Life Safety Code, with local Amendments

- 2011 National Electric Code, with local Amendments
- 2014 Illinois State Plumbing Code

Westmont has many local amendments. An 18 page packet of extrapolated amendments relating to construction is available online at the Village of Westmont website in the Community Development Department folder under Documents and Forms or in the Community Development Department office at the Village Hall. Also the model code modifications stipulating the local amendments are available on the Village website in the Municipal Code of Ordinances.

For example, please see Sec. 18-62. - Deletions. Additions, deletions, insertions and changes in the 2012 International Building Code. Specifically, see Sec. 18-62(20) for the following **IMPORTANT** amendment to Section 706.1 General, International Building Code **about fire resistance rating**, add the following:

*“The provisions of this Section shall apply to all multiple-family structures containing three (3) or more living units; and all buildings with business, commercial and industrial uses, including mixed use buildings. The fire resistance rating of structural elements (including outside walls and floors) and tenant separation or party walls, shall be a **minimum of two (2) hours**, except that the required minimum fire resistance rating and tenant separation or party wall shall be a **minimum of one (1) hour for** business or commercial occupancies which are equipped with a fire suppression and fire alarm system throughout the structure.”*



ELECTRICAL SPECIFICATIONS and LOCAL AMENDMENTS

The Village of Westmont has adopted the following Amendments to the National Electric Code, 2011 Edition (see the municipal code on the village website *for a comprehensive list of amendments in Sec. 18-188. - Adoption of electrical code; amendments.*):

Section 110.26(C) (1) add: all three (3) phase shall have the entrance and egress door swing outward with panic hardware.

Section 210.8 **Ground-Fault Circuit-Interrupter Protection for Personnel.** Change this paragraph to read: "Self-diagnostic type ground-fault circuit-interrupter protection (LED) for personnel shall be provided as required in 210.8(A) through (C). The Self-diagnostic type ground-fault circuit-interrupter shall be installed in a readily accessible location."

Section 210(A) Dwelling Units. Add as paragraph nine "(9) all floor receptacles shall have ground-fault circuit-interrupter protection (breaker) as required."

Section 210.12(B) Branch Circuit Extensions or Modifications - Dwelling Units. Add subsection as follows: "(3) Bedroom circuit shall not exit to common hallways."

Section 210, Table 210.21(B) (3) Receptacle Ratings for Various Size Circuits. Line two (2) shall read: Circuit rating twenty (20) amp, receptacle rating of twenty (20) amp only.

Article 230 - **Services** - Section 230.1 Scope. Add the following sentence at the end of the section: "All new services shall be underground." NOTE: Per Appendix A, Article IV, Section 4.13. - Underground utility services:

- **For all new construction**, electric power transmission and telephone lines, and other appurtenant installations, *shall be installed underground.*
- **For all electrical upgrades and remodeling projects**, *such service may remain overhead.*

Article 250 - Grounding and Bonding. Section 250-1 Scope. Add the following Subsection: "(7) no electrical installation in the Village of Westmont shall rely on a ground rod, or rods, as means of grounding when a water utility system connection exists on the property."

Section 314.27(A) Boxes or Lampholder Outlets. Add the following sentence at the end of the paragraph: "***Fan rated boxes are required in all bedrooms.***"

Section 410-16(A) Luminaire Types Permitted. Delete entire subsection and replace with "***Only recessed or fluorescent fixture may be used in clothes closets.***"



Sec. 18-189. - Additional standards and specifications.

(b) Heavy wall rigid metal conduit, intermediate metal conduit, or PVC conduit **shall only be used in all poured concrete.**

- (1) Conduit larger than one-half inch in four inches of concrete is not permitted.
- (2) EMT not permitted in concrete, or outdoors.
- (3) PVC #80, rigid galvanized or intermediate conduit may be used for underground service.

(c) PVC shall not emerge from below grade level ground. PVC shall convert to galvanized rigid conduit prior to its emergence.

(d) Minimum service size on *commercial buildings* shall be 100 single phase, or three phase.

(e) Twin, or tandem, circuit breakers are not acceptable for new work.

(g) Over current protection shall be required in all underground conductors.

(i) Only copper wire shall be permitted for use in the Village of Westmont.

(j) **All wiring shall be in metal conduit**, except low voltage wiring.

(k) *Where new construction, or alteration work, involves electrical work of any type, the construction plans shall include a complete wiring plan that contains the following information:*

- (1) Size of wire, insulation type, and conduit size.
- (2) Number of circuits and their ampere rating.
- (3) Location of all electrical panels and cabinets.
- (4) Size of all motors and power consuming equipment, and their ratings.
- (5) Specifications and locations for all exit lights and emergency lights.
- (6) Schedule on lighting and power panels.
- (7) Every electrical panel shall contain a panel circuit director card identifying all circuits. Commercial and industrial panels shall be typed or computer generated.
- (8) All commercial and industrial wiring shall be minimum 12 gauge wiring, except low voltage wiring.
- (9) An approved nonferrous metal tag shall be attached to the ground electrode clamp giving warning against its removal.
- (10) Thin wall (EMT) conduit shall not be used for electrical services. Aluminum rigid conduit, if used, shall be installed above grade only.
- (11) Underground electrical service permitted in PVC #80 at 32 inches below grade.
- (12) No PVC shall emerge from the ground or concrete slab or encasement. PVC shall convert to galvanized rigid conduit prior to its emergence.
- (13) All rooms with multiple entrance or exits, which are more than six feet apart shall utilize three-way or four-way switches, unless an alternate arrangement is approved by electrical inspector.
- (14) Any secondary or sub feeder crossing under driveways, parking lots, or vehicle traffic ways shall be encased in heavy wall rigid conduit or intermediate metallic conduit; 30 inches depth required.

(l) ***In all commercial restrooms (size does not apply), there shall be provided an emergency battery backup lighting system installed inside.***

(m) All single family units having ***living spaces less than 2,000 square feet shall utilize a minimum 100 ampere service*** excluding the requirements of electrical heating, if any. All occupancies having ***living spaces greater than 2,000 square feet shall utilize a minimum of 200 ampere service*** exclusive of electrical heating.