



Detached Garage Construction Guidelines

Community Development Department - Construction Permits and Inspection Services
215 Sycamore St Muscatine, IA 52761 - PH 563.262.4141 - FAX 563.262.4142
www.muscatineia.gov/26/Community-Development

2015 International Residential Code

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Cross Section Example

/, 0, 7 \$ 7, 2 1 S

A floating slab foundation as

Shingles installed per manufacturer

\$SSURYHG VWUXFWXUDO ZRRG SDQHO
 SO\ZRRG RU 26% URRI VKHDWKLQJ

0LQ DVSKDOW IHOV
 XQGHUD\ (QJLQHHUHG WUXVVHV 6XEPLW WUXVV
 GHVLJQ GUDZLQJV SULRU WR URXJK IUDPH
 (DYH ,FH %DUULHU LI KHLQVSHFWLRQ

'PLQ

%UDFLQJ SHU PDQXIDFWXUHU
WUXVV GHVLJQ GUDZLQJV

'RXEOH [7RS 3ODWH

+HDGHU RYHU GRRU DQG
ZQGRZ RSHQLQJV

6LGLQJ

[VWXGRU '2 & XS
 :HDWKHU %DUULHU WRPLQ KHLJKW
 IHOW SDSHU RU KRXXVH
 ZUDS UHTXLUHG

[SUHVHUYDWLYH WUHDWHG
ERWWRP SODWH

\$SSURYHG ZRRG
 VWUXFWXUDO ZDOO
 VKHDWKLQJ
 SO\ZRRG RU 26%

'GLDPHWHU DQFKRU EROW\ IORDWLQJ VODE
 ZDVKHU PD\ 12' X BQG ZLWRK LQ
 FRUQHUV DQG HQGV 'PLQ' EROWV SHU SODWH
 PLQ HPEHGPHQW RWKHU PHWKRGV RU DQFKRUV
 PXVW EH DSSURYHG E\ WKH EXLOGLQ '0LQ O
 (PEHGPHQW

0LQ² UHEDU LQ
IRRWLQJ WRS ERW Min P

Min
6

Min

0LQ'FRQFUHWH VODE `K Max UH
 UHLQIRUFHPHQW LV-SUR LGHG LQ VODEV
 RQURXQG LW VKDOO EH VXSSRUWHG WR
 UHPDLQ LQ SODFH IURP WKH FHQWHU WR
 XSSHU RI WKH VODE IRU WKH
 GXUDWLRQ RI WKH FRQFUHWH SODFHPHQW

Min



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Inspections Required

The inspection card must be kept at the jobsite to be available to the building inspector at all times. The white permit card must be displayed and visible from the street. If this is impossible, post on exterior to be visible to the building inspector on site.

Each phase of construction listed below shall comply with City of Muscatine Codes and shall pass inspection before work proceeds. It is the responsibility of the permit holder or their agent to call for inspections and to provide access for inspection. At least **24 Hours Notice** is required prior to inspection.

Footings	Excavation complete, forms, and steel reinforcement in place, before concrete is poured. Includes post, pier, trench, spread, pad and other footings. Concrete encased electrode (UFER ground) in place for new buildings and building additions.
Groundwork	Underground or under slab plumbing, PEX tubing, HVAC, or electrical work before covering. Water test with 10' head pressure required on plumbing Drain, Waste, Vent system.
Utilities	Temporary and permanent electrical services.
Gas Piping Rough-In	Gas piping before covering or concealment. Coordinate air test on gas piping with Alliant Energy.
Plumbing Rough-In	Before insulation, gypsum board, or any covering has been installed.
Mechanical Rough-In	Before insulation, gypsum board, or any covering has been installed.
Electrical Rough-In	Before insulation, gypsum board, or any covering has been installed.
Framing Rough-In	All framing complete, after the above rough-ins have been approved, before insulation, gypsum board, or any covering has been installed. Truss design drawings shall be on site. If possible, coordinate rough-in inspections for one trip.
Final Inspection	After all phases of construction are complete and building is ready for occupancy.

The portion or addition of the building affected by the work must not be occupied until Final Inspection has been completed. approved and a **Certificate of Occupancy** has been issued by Community Development.