

Conditional Approval

Plan Review Notes (Deck):

Mequon adopts State of Wisconsin Codes SPS 320 – 325

Applicable Deck Codes

SPS 321.225

All calculations or engineering must be onsite for inspections

SPS 320-325 Appendix B and Appendix C

Website link: <http://dsps.wi.gov/Programs/Industry-Services/Industry-Services-Programs/One-and-Two-Family-UDC/UDC-Admin-Code/>

DCA6

Plans returned to applicant and the chosen deck code shall be onsite for all inspections

Deck shall be constructed to a single code. If using the Appendix code, the entire deck must be built to that code. Same for the DCA6 Deck Code.

SPS 321.225 Decks. (1) Decks attached to dwellings and any detached decks that serve an exit shall comply with the applicable provisions of subchs. II to X of ch. SPS 321, including all of the following:

(a) Excavation requirements under s. [SPS 321.14](#);

SPS 321.14 Excavations for footings and foundations.

(1) EXCAVATIONS BELOW FOOTINGS AND FOUNDATIONS. No excavation shall be made below the footing and foundation unless provisions are taken to prevent the collapse of the footing or foundation.

(2) EXCAVATIONS FOR FOOTINGS. All footings shall be located on undisturbed or compacted soil, free of organic material, unless the footings are reinforced to bridge poor soil conditions.

(b) Footing requirements under s. [SPS 321.15 \(2\) \(f\)](#);

(f) *Deck footings.* Decks attached to dwellings and detached decks which serve an exit shall be supported on a structural system designed to transmit and safely distribute the loads to the soil. Footings shall be sized to not exceed the allowable material stresses. The bearing area shall be at least equal to the area required to transfer the loads to the supporting soil without exceeding the bearing values of the soil.

CALCULATIONS or ENGINEERING REQUIRED for footing sizing

(c) Frost penetration requirements under s. [SPS 321.16](#);

See specific code section

(d) Load requirements under s. [SPS 321.02](#);

See specific code section

CALCULATIONS or ENGINEERING REQUIRED for ledger board connections

(e) Stair, handrail and guard requirements of s. [SPS 321.04](#).

See specific code section

(f) Decay protection requirements of s. [SPS 321.10](#).

See specific code section

(2) A deck that complies with the standards in ch. [SPS 325](#) Appendix B, and ch. [SPS 325](#) Appendix C, if applicable, shall be considered as complying with sub. (1).

Applicant Signature: _____

Date: _____