ORDINANCE NO. 768 (14)

AN ORDINANCE AMENDING PART 5, CHAPTER 2, SECTION 5-204 ADOPTION OF DWELLING CODE, OF THE CITY OF MOORE CODE, 2009 SUPPLEMENT; ADDING MINIMUM REGULATIONS GOVERNING RESIDENTIAL CONSTRUCTON FOR HIGH WIND RESISTANCE; AND REPEALING ANY INCONSISTENT ORDINANCES OF THE CITY OF MOORE, STATE OF OKLAHOMA.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOORE, OKLAHOMA THAT PART 5, CHAPTER 2, SECTION 5-204 IS HEREBY AMENDED TO INCLUDE A SUB-SECTION C, AS FOLLOWS:

Section 5-204. Adoption of Dwelling Code

C. The following additions are hereby included in the Dwelling Code for the purposes of establishing minimum regulations governing residential construction for High Wind Resistance.

1. Roof sheathing (OSB or plywood) shall be nailed with 8d ring shank (0.131" x 2.5") or 10d(0.148" x 3") nails on 4" on center along the edges and 6" on center in the field. Dimensional lumber decking is not allowed.

2. Maximum spacing for roof framing shall be 16 inches on center. Minimum nominal sheathing panel size shall be 7/16. Minimum wood structural panel span rating shall be 24/16.

3. Connections for roof framing shall be designed for both compression and tension, and may include nail plates or steel connection plates. Connections for roof framing shall include connections on rafters, web members, purlins, kickers, bracing connections, and the connections to interior brace wall top plates or ceiling joists.

4. Gable end walls shall be tied to the structure, and may include steel connection plates or straps. The connections shall be made at the top and bottom of the gable end wall.

5. Structural sheathing panel (OSB or plywood) shall be required for gable end walls.

6. Hurricane clip or framing anchor shall be required on all rafter to wall connections.

7. The upper and lower story wall sheathing shall be nailed to the common rim board.

8. All walls shall be continuously sheathed with structural sheathing (OSB or plywood) using the CS-WSP method. Garage doors shall be framed using the sheathed portal frame method CS-PF. No form of intermittent bracing shall be allowed on an outer wall. Intermittent bracing may only be used for interior braced wall lines.

9. Nailing of wall sheathing (OSB or plywood) shall be increased to 8d ring shank

(0.131" x 2.5") or 10d (0.148" x 3") nails on 4" on center along the edges and 6" on center in the field.

10. Structural wood sheathing shall be extended to lap the sill plate and nailed to the sill plate using a 4" on center along the edges. Structural wood sheathing shall be nailed to rim board if present with 8d ring shank (0.131 x 2.5") or 10d (0.148" x 3") nails on 4" on center along both the top and bottom edges of the rim board.

11. Garage doors shall be rated to 135 mph wind or above.

12. Exterior wall studs shall be 16" on center.

Severability: If any of the provisions of this ordinance are determined to be unconstitutional or unlawful by any court of competent jurisdiction, the remainder shall be several and unaffected.

Repealer: Any ordinance or parts thereof in conflict with this section are hereby repealed.

PASSED AND APPROVED this 17th day of March, 2014.

CITY OF MOORE Corporate SEAL 1906 OKLAHOMA

ATTEST: (Seal)

JIM CORBETT, City Clerk

GLENN LEWIS, Mayor

Approved as to form and legality this 17 day of March, 2014.

RANDY C. BRINK, City Attorney