

1 BILL NO. 95-9

2 Ordinance No. 3880

3 AN ORDINANCE RELATING TO ENERGY CONSERVATION; AMENDING TITLE 16 OF
4 THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, 1983 EDITION, BY ADDING
5 THERETO A NEW CHAPTER WHICH ADOPTS BY REFERENCE, AS PART 1 THEREOF,
6 THE MODEL ENERGY CODE, 1992 EDITION, AS PUBLISHED BY THE COUNCIL OF
7 AMERICAN BUILDING OFFICIALS, AND ADOPTS BY REFERENCE, AS PART 2
8 THEREOF, A DOCUMENT ENTITLED "A SUPPLEMENTAL DOCUMENT AMENDING
9 THE MODEL ENERGY CODE, 1992 EDITION," WHICH ADDS TO, DELETES FROM,
AND AMENDS VARIOUS PROVISIONS OF THE MODEL ENERGY CODE, 1992 EDITION;
AMENDING THE SUPPLEMENTAL DOCUMENT TO THE UNIFORM BUILDING CODE,
1991 EDITION, BY DELETING THEREFROM SECTION 77; PROVIDING FOR OTHER
MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE
VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF
ORDINANCES IN CONFLICT HEREWITH.

10 Sponsored by:

11 Mayor Jan Laverty Jones

Summary: Adopts the 1992 Edition of
the Model Energy Code, together with a
Supplemental Document which provides
additions thereto, deletions therefrom
and amendments thereto.

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14 THE CITY COUNCIL OF THE CITY OF LAS VEGAS DOES ORDAIN
15 AS FOLLOWS:

16 SECTION 1: Title 16 of the Municipal Code of the City of Las Vegas,
17 Nevada, 1983 Edition, is hereby amended by adding thereto a new chapter, consisting of the
18 provisions set forth as Section 2 of this Ordinance.

19 SECTION 2: Those certain documents, three copies of which are on file
20 in the Office of the City Clerk and are designated as follows, are hereby adopted by reference as
21 if set forth herein in full:

22 (A) The publication entitled "The Model Energy Code, 1992 Edition," as
23 published by the Council of American Building Officials, as Part 1 of this Chapter; and

24 (B) The document entitled "A Supplemental Document Amending the Model
25 Energy Code, 1992 Edition," which adds to, deletes from and amends the Model Energy Code,
26 1992 Edition, as Part 2 of this Chapter.

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SECTION 3: The document entitled "A Supplemental Document Amending the Uniform Building Code, 1991 Edition," adopted as Part 2 of Title 16, Chapter 4, of the Municipal Code of the City of Las Vegas, Nevada, 1983 Edition, is hereby amended by deleting from said Supplemental Document Section 77 thereof.

SECTION 4: This Ordinance shall govern all project plans submitted after the effective date of this Ordinance.

SECTION 5: If any section, subsection, subdivision, paragraph, sentence, clause or phrase in this ordinance or any part thereof is for any reason held to be unconstitutional or invalid or ineffective by any court of competent jurisdiction, such decision shall not affect the validity or effectiveness of the remaining portions of this ordinance or any part thereof. The City Council of the City of Las Vegas, Nevada, hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase thereof irrespective of the fact that any one or more sections, subsections, subdivisions, paragraphs, sentences, clauses, or phrases be declared unconstitutional, invalid or ineffective.

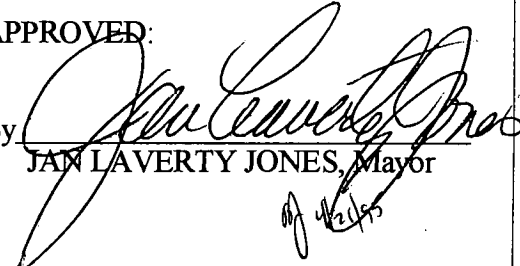
SECTION 6: Whenever in this ordinance any act is prohibited or is made or declared to be unlawful or an offense or a misdemeanor, or whenever in this ordinance the doing of any act is required or the failure to do any act is made or declared to be unlawful or an offense or a misdemeanor, the doing of such prohibited act or the failure to do any such required act shall constitute a misdemeanor and upon conviction thereof, shall be punished by a fine of not more than \$1,000.00 or by imprisonment for a term of not more than six months, or by any combination of such fine and imprisonment. Any day of any violation of this ordinance shall constitute a separate offense.

SECTION 7: All ordinances or parts of ordinances, sections, subsections, phrases, sentences, clauses or paragraphs contained in the Municipal Code of the City of Las
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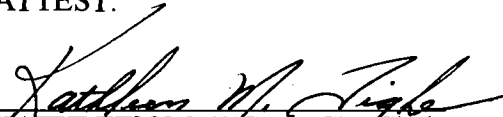
Vegas, Nevada, 1983 Edition, in conflict herewith are hereby repealed.

PASSED, ADOPTED and APPROVED this 19th day of April, 1995.

APPROVED:

By 
JAN LAVERTY JONES, Mayor
4/21/95

ATTEST:


KATHLEEN M. TIGHE, City Clerk

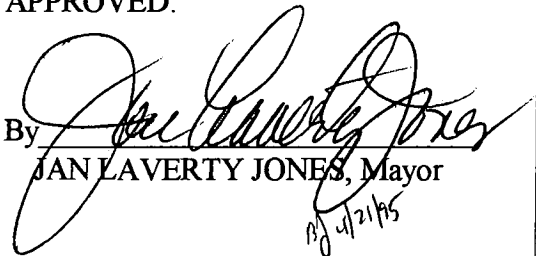
The above and foregoing ordinance was first proposed and read by title to the City Council on the 15th day of March, 1995, and referred to the following committee composed of Councilmen Hawkins Jr. and Brass for recommendation; thereafter the said committee reported favorably on said ordinance on the 19th day of April, 1995, which was a regular meeting of said Council; that at said regular meeting, the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:

VOTING "AYE": Councilmen Adamsen, Hawkins Jr., Brass, Callister and Mayor Jones

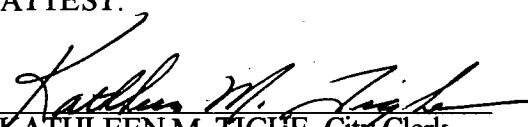
VOTING "NAY": NONE

ABSENT: NONE

APPROVED:

By 
JAN LAVERTY JONES, Mayor
4/21/95

ATTEST:


KATHLEEN M. TIGHE, City Clerk

**A SUPPLEMENTAL DOCUMENT AMENDING
THE MODEL ENERGY CODE, 1992 EDITION**

SECTION 1: GENERAL. Except as otherwise indicated, all section and chapter references contained in this Supplemental Document are to the Model Energy Code, 1992 Edition, as published by the Council of American Building Officials.

SECTION 2: ADMINISTRATIVE PROVISIONS. To the extent that administrative and enforcement matters are not covered by this Code, or to the extent deemed appropriate by the building official, the provisions of the Uniform Administrative Code, in the version most recently adopted by the City, shall govern the administration and enforcement of this Code.

SECTION 3: EXTERIOR DESIGN CONDITIONS. Section 302.1 is deleted and replaced by the following:

Exterior Design Conditions: The following design parameters shall be used for calculations required under this Code:

EXTERIOR DESIGN CONDITIONS	
WINTER Design Dry-Bulb	28°F
SUMMER Design Dry-Bulb	106°F
SUMMER Design Wet-Bulb	70°F
Degree Days Heating	2,499
Degrees North Latitude	36°5'

SECTION 4: SLAB-ON-GRADE FLOORS. Section 502.2.1.4 is hereby deleted and replaced by the following:

Insulation is not required around the perimeter of heated or unheated slabs in any location.

SECTION 5: CRAWL SPACE WALLS. Section 502.2.1.5 is hereby deleted and replaced by the following:

Crawl Space Walls: Foundation walls enclosing crawl spaces which contain uninsulated duct work or piping or which are below uninsulated floors of heated spaces shall provide a thermal resistance at least equal to that required by Table No. 502.2.1. The insulation used shall extend from the bottom of the floor sheathing to the top of the footing. Required ventilation openings shall be covered by an approved operable louver.

SECTION 6: SLAB-ON-GRADE FLOORS. Section 502.3.1.4 is hereby deleted and replaced by the following:

Insulation is not required around the perimeter of heated or unheated slabs in any location.

SECTION 7: CRAWL SPACE WALLS. Section 502.3.1.5 is hereby deleted and replaced by the following:

Crawl Space Walls: Foundation walls enclosing crawl spaces which contain uninsulated duct work or piping or which are below uninsulated floors of heated spaces shall provide a thermal resistance at least equal to that required by Table No. 502.3.1. The insulation used shall extend from the bottom of the floor sheathing to the top of the footing. Required ventilation openings shall be covered by an approved operable louver.

SECTION 8: NEW ENERGY FOR TEMPERATURE CONTROL. Section 503.3.3 is hereby deleted and replaced by the following:

If new energy is used for temperature control as provided in Section 503 of this Code, then:

- A. Exterior and interior zones of a constant volume reheat system must not be served by a cooling coil if more than 20 percent of the quantity of air passing through the coil is used to serve the exterior zones.
- B. Consideration must be given to the use of recovery systems for the conservation of energy if the amount of energy expended is less than the amount of energy recovered, giving consideration to the energy transfer potential and operating hours of the system for temperature control.

SECTION 9: POOL COVERS. Section 504.5.2 is hereby deleted in its entirety.

SECTION 10: CONSERVATION OF HOT WATER. Section 504.8 (including its constituent paragraphs) is hereby deleted.

SECTION 11: ELECTRICAL POWER AND LIGHTING. Section 505 (including its constituent subsections) is hereby deleted.

SECTION 12: SLAB-ON-GRADE FLOORS. Section 602.2.4 is hereby deleted and replaced by the following:

Insulation is not required around the perimeter of heated or unheated slabs in any location.

SECTION 13: CRAWL SPACE WALLS. Section 602.2.5 is hereby deleted and replaced by the following:

Crawl Space Walls: Foundation walls enclosing crawl spaces which contain uninsulated duct work or piping or which are below uninsulated floors of heated spaces shall provide a thermal resistance at least equal to that required by Table No. 502.2.1 or Table No. 502.3.1, as applicable. The insulation used shall extend from the bottom of the floor sheathing to the top of the footing. Required ventilation openings shall be covered by an approved operable louver.

SECTION 14: SWIMMING POOLS. Section 604.1.2.3 is hereby deleted and replaced by the following:

Pool heaters shall be equipped with an ON-OFF switch mounted for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting and to allow restarting without relighting the pilot light.

Active solar-heating systems should be used to supply a portion of the pool heating requirements when conditions permit their cost-effective installation.

Time clocks shall be installed so that the pump can be set to run during the off-peak electric demand period and can be set for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable health standards.

SECTION 15: CONSERVATION OF HOT WATER. Section 604.4 (including its constituent paragraphs) is hereby deleted.

SECTION 16: ELECTRICAL POWER AND LIGHTING. Section 605 is hereby deleted in its entirety.

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BILL NO. 95-9
ORDINANCE NO. 3880

AN ORDINANCE RELATING TO ENERGY CONSERVATION; AMENDING TITLE 16 OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY ADDING THERETO A NEW CHAPTER WHICH ADOPTS BY REFERENCE AS PART 1 THEREOF, THE MODEL ENERGY CODE, 1992 EDITION, AS PUBLISHED BY THE COUNCIL OF AMERICAN BUILDING OFFICIALS, AND ADOPTS BY REFERENCE, AS PART 2 THEREOF, A DOCUMENT ENTITLED "A SUPPLEMENTAL DOCUMENT AMENDING THE MODEL ENERGY CODE, 1992 EDITION," WHICH ADDS TO, DELETES FROM, AND AMENDS VARIOUS PROVISIONS OF THE MODEL ENERGY CODE, 1992 EDITION; AMENDING THE SUPPLEMENTAL DOCUMENT TO THE UNIFORM BUILDING CODE, 1991 EDITION, BY DELETING THEREFROM SECTION 77; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HERewith.

SPONSORED BY:
Mayor Jon Laverly Jones
SUMMARY: Adopts the 1992 Edition of the Model Energy Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto.

The above and foregoing ordinance was first proposed and read by title to the City Council on the 15th day of March, 1995, and referred to the

following committee composed of Councilmen Hawkins Jr. and Brass for recommendation; thereafter the said committee reported favorably on said ordinance on the 19th day of April, 1995, which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote:
VOTING "AYE": Councilmen Adamsen, Hawkins Jr., Brass, Callister, and Mayor Jones
VOTING "NAY": NONE
VOTING "ABSTAIN": NONE
COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: April 22, 1995
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

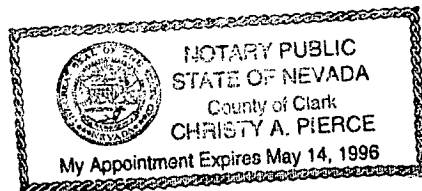
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of APRIL 22, 1995 to APRIL 22, 1995, on the following days:

APRIL 22, 1995

Signed: Barbara Carr

Subscribed and sworn to before me this 24 day of April, 19 95

Christy A. Pierce
Notary Public



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BILL NO. 95-9

AN ORDINANCE RELATING TO ENERGY CONSERVATION; AMENDING TITLE 16 OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY ADDING THERETO A NEW CHAPTER WHICH ADOPTS BY REFERENCE, AS PART 1 THEREOF, THE MODEL ENERGY CODE, 1992 EDITION, AS PUBLISHED BY THE COUNCIL OF AMERICAN BUILDING OFFICIALS, AND ADOPTS BY REFERENCE, AS PART 2 THEREOF, A DOCUMENT ENTITLED "A SUPPLEMENTAL DOCUMENT AMENDING THE MODEL ENERGY CODE, 1992 EDITION," WHICH ADDS TO, DELETES FROM, AND AMENDS VARIOUS PROVISIONS OF THE MODEL ENERGY CODE, 1992 EDITION; AMENDING THE SUPPLEMENTAL DOCUMENT TO THE UNIFORM BUILDING CODE, 1991 EDITION, BY DELETING THEREFROM SECTION 77; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:
Mayor Jon Loverty Jones
SUMMARY: Adopts the 1992 Edition of the Model Energy Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto.
At a City Council meeting
MARCH 15, 1995
BILL NO. 95-9 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE.
Councilmen Hawkins Jr. and Brass
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK 5TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: March 31, 1995
Las Vegas Review-Journal ✓

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of MARCH 31, 1995 to MARCH 31, 1995, on the following days:

MARCH 31, 1995

Signed: Barbara Carr

Subscribed and sworn to before me this 31st day of March, 1995

Linda M. Gough
Notary Public



LINDA M. GOUGH
Notary Public - Nevada
Clark County
My appt. exp. May 14, 1996

AFFIDAVIT OF PUBLICATION

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BILL NO. 95-9
ORDINANCE NO. 3880

HERE

AN ORDINANCE RELATING TO ENERGY CONSERVATION; AMENDING TITLE 16 OF THE MUNICIPAL CODE OF THE CITY OF LAS VEGAS, NEVADA, 1983 EDITION, BY ADDING THERETO A NEW CHAPTER WHICH ADOPTS BY REFERENCE, AS PART 1 THEREOF, THE MODEL ENERGY CODE, 1992 EDITION, AS PUBLISHED BY THE COUNCIL OF AMERICAN BUILDING OFFICIALS, AND ADOPTS BY REFERENCE, AS PART 2 THEREOF, A DOCUMENT ENTITLED "A SUPPLEMENTAL DOCUMENT AMENDING THE MODEL ENERGY CODE, 1992 EDITION," WHICH ADDS TO, DELETES FROM, AND AMENDS VARIOUS PROVISIONS OF THE MODEL ENERGY CODE, 1992 EDITION; AMENDING THE SUPPLEMENTAL DOCUMENT TO THE UNIFORM BUILDING CODE, 1991 EDITION, BY DELETING THEREFROM SECTION 77; PROVIDING FOR OTHER MATTERS PROPERLY RELATING THERETO; PROVIDING PENALTIES FOR THE VIOLATION HEREOF; AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES IN CONFLICT HEREWITH.

SPONSORED BY:
Mayor Jan Laverty Jones
SUMMARY: Adopts the 1992 Edition of the Model Energy Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto.
The above and foregoing ordinance was first proposed and read by title to the City Council on the 15th day of March, 1995, and referred to the following committee composed of Councilmen Hawkins Jr. and Brass for recommendation; thereafter the said committee reported favorably on said ordinance on the 19th day of April, 1995, which was a regular meeting of said City Council; and that at said regular meeting the proposed ordinance was read by title to the City Council as first introduced and adopted by the following vote: VOTING "AYE" Councilmen Adomson, Hawkins Jr., Brass, Callister, and Mayor Jones
VOTING "NAY" NONE
VOTING "ABSTAIN" NONE
COPIES OF THE COMPLETE ORDINANCE ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK, 5TH FLOOR, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: April 22, 1995
Las Vegas Review-Journal

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

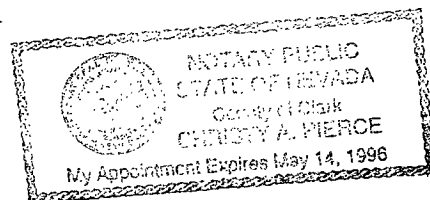
That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of APRIL 22, 1995 to APRIL 22, 1995, on the following days:

APRIL 22, 1995

Signed:

Subscribed and sworn to before me this 24 day of April, 19 95

Christy A. Pierce
Notary Public



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CITY CLERK

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AFFIDAVIT OF PUBLICATION

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SPONSORED BY:
Mayor Jan Laverly Jones
SUMMARY: Adopts the 1992 Edition of the Model Energy Code, together with a Supplemental Document which provides additions thereto, deletions therefrom and amendments thereto.
At a City Council meeting MARCH 15, 1995
BILL NO. 95-9 WAS READ BY TITLE AND REFERRED TO RECOMMENDING COMMITTEE:
Councilman Hawkins Jr. and Brass
COPIES OF THE COMPLETE BILL ARE AVAILABLE FOR PUBLIC INFORMATION IN THE OFFICE OF THE CITY CLERK 5TH FLOOR, CITY HALL, 400 EAST STEWART AVENUE, LAS VEGAS, NEVADA.
PUB: March 31, 1995
Los Vegas Review-Journal ✓

STATE OF NEVADA)
COUNTY OF CLARK) SS:

BARBARA CARR, being first duly sworn, deposes and says:

That she/he is a legal clerk for the LAS VEGAS REVIEW-JOURNAL and THE LAS VEGAS SUN, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy of which is attached, was continuously published in the LAS VEGAS REVIEW-JOURNAL or THE LAS VEGAS SUN for a period of ONE insertions from the period of MARCH 31, 1995 to MARCH 31, 1995, on the following days:

MARCH 31, 1995

Signed: Barbara Carr

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Linda M. Gough
Notary Public



LINDA M. GOUGH
Notary Public - Nevada
Clark County
My appt. exp. May 14, 1996



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