

CITY OF SAN ANSELMO

ORDINANCE NO. 598

AN ORDINANCE AMENDING SECTION 9-2.403 (TITLE 9, CHAPTER 2, ARTICLE 4) OF THE SAN ANSELMO MUNICIPAL CODE BY ADOPTING BY REFERENCE THERETO THE 1968 EDITION OF THE NATIONAL ELECTRICAL CODE PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION WITH CERTAIN CHANGES, ADDITIONS, AMENDMENTS AND DELETIONS.

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The City Council of the City of San Anselmo do ordain as follows:

Section 1. Section 9-2.403 (Title 9, Chapter 2, Article 4) of the San Anselmo Municipal Code is hereby repealed.

Section 2. Subject to the changes, amendments, additions and deletions *hereinafter* referred to in ~~Section 3~~ hereof, there is hereby added to the Municipal Code of the City of San Anselmo a new Title 9, Chapter 2, Article 403 as follows:

9-2.403. National Electrical Code.

The 1968 edition of the National Electrical Code of the National Fire Protection Association is hereby adopted by reference thereto subject to the following changes, additions, amendments and deletions, and shall remain in full force and effect until a superseding edition is adopted and becomes effective.

Section 3. The following sections of the 1968 National Electrical Code are hereby changed, added to, amended or deleted as follows:

Section 210-22 (b). DWELLING TYPE OCCUPANCIES: Add: One plug receptacle, not part of the lighting fixture, shall be provided in each bathroom where a lavatory is provided in dwellings, apartments, motels and hotels.

Section 210-22. Add new subsection (d) SHOW WINDOWS: At least one receptacle shall be installed directly above a show window for each 12 linear feet or fraction thereof of show window area measured horizontally along its base.

Section 210-22. Add new subsection (e). ENTRANCE LIGHTING: One light outlet shall be provided at each outside entrance to a building intended for residential occupancy. Where two entrances are located on the same side of the building, one light may be adequate provided it is controlled by a switch at each entrance.

Section 210-22. Add new subsection (f). OUTDOOR RECEPTACLE: In single or two family dwellings, each unit shall have not less than one weather proof grounding type receptacle which shall be connected to one 20 AMP appliance circuit.

Section 220-3 (a). Change last paragraph to read: For general illumination in single and multiple dwellings, not less than one branch circuit shall be installed for each 500 square feet or fraction thereof of floor area in addition to the receptacle circuits called for in Section 220-3 (b).

Section 220-3. Add new subsection (d). In dwelling occupancies including unfinished rooms suitable for future occupancy except garages, storage, storage closets and work shops, adequate circuit wiring must be extended to the unfinished area, terminated in an approved outlet box accessible for future use and identified.

Section 230-41. Add new subsection (b). Service entrance conductors to single family houses, and each duplex

unit, shall consist of three conductors not smaller than No. 2 AWG copper or equivalent in a raceway of a size conforming to Table 1 of the National Electrical Code; or three conductor No. 2 AWG copper or equivalent service entrance cable.

Section 230-41. Add new subsection (c). The capacity of the service entrance distribution panel, and the main switch if one is installed, shall be not less than 100 amperes. The distribution panel shall be designed to accommodate not less than 12 branch circuit fuses or circuit breaker poles, so arranged that at least two three-wire branch circuits of 50 amperes capacity each can be provided.

Section 230-44. Change to read: WIRING METHODS: Service entrance conductors shall be installed in rigid metallic conduit, or for services not exceeding 600 volts busways may be used.

Section 230-46. Delete.

Section 230-47. Delete.

Section 230-48. Delete.

Section 230-49. Delete.

Section 230-50. Delete.

Section 230-70(b). Change to read: LOCATION: The service disconnecting means shall be located at a readily accessible point nearest to the entrance of the service conductors, and in residential property shall be accessible from the exterior, except in garage, carport, or where a meter room is provided. Such service disconnecting means shall not be installed under show-windows or at any location above the ground floor level or in the case of multiple occupancies in any location not readily accessible to all parties concerned.

The center of the grip of the operating handle of the disconnecting means, when in its highest position shall not be more than six and one-half (6-1/2) feet above the floor or working platform.

Section 230-70 (d). Add subsection (3): A main service disconnecting means shall be provided for each separately metered subdivision of the service conductors.

Switches or circuit breakers accessible from the exterior of a single family or duplex dwelling shall be located within a single enclosure approved for the purpose.

Exception: Two switches or circuit breakers in a common enclosure may be used as the main service disconnecting means when the ampacity exceeds 225 amperes.

Section 230-70 (g). SWITCH AND CIRCUIT BREAKER: Add exception: For single family dwellings the service disconnecting means shall consist of a switch or circuit breaker equipped with a handle which is manually operable for simultaneous disconnection of all ungrounded service conductors. This disconnecting means shall be of a type approved for service equipment.

Section 250-81. WATER PIPE: Change to read: The interior metallic cold water and gas piping system shall always be bonded to the grounding electrode. The bonding conductors shall be no smaller than a No. 6 copper conductor or equivalent.

Section 250-82. (b). Delete.

Section 250-83. MADE ELECTRODES: Change to read: Concrete encased electrodes installed in accordance with section (2) shall always be used as the grounding electrode.

Section 300-24. Add new section. The wiring method for the following occupancies as defined in the current edition

of the Uniform Building Code as Group A, B, C, D, E, F and G, inclusive, shall be raceway as defined under Article 100 National Electrical Code, except for use limited in this code. Type M.I. cable, Article 330, N.E.C. and Type MC power cable supported by continuous cable supports referred to in Section 334-6 N.E.C. may be installed in the above occupancies, aluminum and non-metallic wiring.

Section 324-2. Change to read: USE: Concealed knob-and-tube work may only be used in the hollow spaces of walls and ceilings of wood frame construction, Groups H, I and J occupancies and must be concealed by the permanent finish of the building. It shall not be used in Group A, B, C, D, E, F and G occupancies or in Fire Zone No. 1. Concealed knob-and-tube wiring is limited to use on circuits not exceeding 300 volts between conductors or 150 volts to ground.

Section 334-13 (a). Change to read: IN ACCESSIBLE ATTICS: Cable in accessible attics or roof spaces shall be run through bored holes in joints or protected by approved means.

Exception: In attics not accessible by a permanent stairway, no boring or protection is necessary where the vertical height between the ceiling joists and rafters is less than twelve (12) inches, or in attics with maximum height less than thirty (30) inches.

Section 336-3. USE: Add new subsection (d): Non-metallic sheathed cable which is run exposed in accessory buildings and attached garages shall be installed not less than 7' 6" above the floor. Where the cable is subject to physical damage it shall be protected by the use of running boards, conduit or other approved means. It is limited to use

on circuits not exceeding 300 volts between conductors or 150 volts to ground. Non-metallic sheathed cable shall not be installed in Fire Zone No. 1, or in Groups A, B, C, D, E, F, G occupancies. See Section 334-13 for installation in attics and roof spaces.

(336-3) Section 336-3. USE: Add new subsection (e). Concealed electric wiring under roofing materials. Non-metallic sheathed cable may be used for circuits feeding ceiling lights and respective switch legs only. It must be protected from injury by the use of conduit or metal channels not less than 1/16" thick. Wiring under roofing to all other outlets shall be run in metal conduit continuous from outlet to outlet. The minimum temperature rating of the circuit conductor shall be not less than 75° C.

Section 338-2. Delete.

Section 339-3 (d). Add: U. P. Cable shall not be used for exposed exterior wiring, or direct burial under slab floors within a building, unless approved for such use.

Section 350-2. Change to read: USE: Flexible metal conduit shall only be used where the use of rigid conduit or electrical metallic tubing is impractical.

Section 384-13. GENERAL: Add: For single and two-family dwellings the panelboards shall be of a design which will provide for two spare circuits of opposite polarity, in addition to the number of circuits as computed from Article 220. The panel or panels must be accessible for extension of such circuits.

Section 410-3. Add: Control switches shall be provided for the control of keyless lampholders and for the control of lampholders of the switched type that are not within safe and

convenient reach.

In those rooms of dwelling type occupancies where receptacle outlets are required (see Section 210-22 (b)), but no lighting outlet is installed, at least one such receptacle outlet shall be controlled by a wall switch.

Section 410-4. Add new subsection (c): Fixtures near grounded surfaces: Fixtures which are operated through any type of switching device which is a part of a lampholder, such as pull chain sockets, key sockets, or push type sockets shall not be used in bathrooms, kitchens, laundry rooms, or on the exterior of buildings or structures, or within eight (8) feet vertically or five (5) feet horizontally of a grounded surface.

Section 600-1. Add: These provisions shall be supplementary to any and all local ordinances or regulations which govern the location, erection, and/or structural support of signs.

Section 600-2 (a). Change to read: IN SIGHT OF SIGN: In addition to the switch required by Section 600-2, an approved disconnecting means shall be provided for the disconnecting of all signs and/or outline lighting and shall be so located that it shall be within sight of the sign and/or outline lighting and under the control of authorized sign servicemen, normally not readily accessible to unauthorized persons whenever operating voltages are in excess of 1,000 volts. When said disconnecting means controls roof signs, it shall be located not more than six and one-half (6-1/2) feet above the roof.

Section 600-6. Add: SIGN CIRCUIT REQUIRED: Each commercial building and/or each commercial occupancy with

ground floor frontage shall be provided with a minimum 20 ampere branch circuit to the sign location, or a spare circuit and an empty raceway may be provided.

Section 600-7. Add new subsection (c): The inspection label of the Underwriters Laboratories or equal shall be required on all new signs.

A label showing evidence of approval of the Local Inspection Department may be required on all signs being moved from one location to another and on all existing signs requiring alteration to the electrical circuits except the changes or replacement of tubing and other normal repairs. Any sign found not to be in conformance with these regulations shall be deemed a violation of these regulations and same shall be removed from place of erection.

Section 600-9. (1) The provisions of this ordinance shall not apply to any signs identifying the location of public telephones or the existence of public utility facilities. (2) Notwithstanding any other provisions of this ordinance, no sign shall be constructed, erected, installed, maintained, or repaired in any manner that conflicts with any rule, regulations, or order of the California P.U.C. pertaining to the construction, operation and maintenance of public utility facilities.

Section 600-31 (a). Change to read: WIRING METHOD: Conductors shall be installed in rigid metallic conduit or in electrical metallic tubing. Open conductors may not be used either indoors or outdoors except when contained within the sign enclosure or as provided for under 600-31(h). All conductors for outline lighting, either interior or exterior, or where passing through walls, shall be in a raceway system, with approved fittings.



Section 600-31 (d). Delete.

Section 600-31 (e). Change to read: Concealed conductors or insulators shall not be allowed outside the sign enclosure.

Section 600-31 (g). Delete.

Add new Section 725-8. TRANSFORMER LOCATION:

Signal Transformers: Signal Transformers shall be installed in fuse cabinets in a separate compartment or mounted on outlet boxes adjacent thereto, insofar as practical. When installed in closets or furnace rooms, exposed signal transformers shall be located on the ceiling or on the wall over the door. Transformers shall not be installed in attics or in concealed areas of basements.

Section 4. This ordinance shall be published once in full within fifteen (15) days from and after its passage and adoption in The Reporter, a newspaper of general circulation in the City of San Anselmo, and printed and published in the County of Marin, which newspaper is designated for that purpose *and it shall become effective thirty (30) days after its passage and adoption.*

The foregoing ordinance was duly and regularly introduced at a regular meeting of the City Council of the City of San Anselmo held on March 24 1970, and was thereafter at a regular meeting of the City Council held on April 21, 1970, duly passed and adopted by the following vote:

AYES:	COUNCILMEN:	Perry, Capurro, Stewart, Anderson
NOES:	COUNCILMEN:	None
ABSENT:	COUNCILMEN:	Reed

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WOODROW V. CAPURRO, MAYOR

ATTEST:

Anita Gannon  
ANITA GANNON, City Clerk

CITY OF SAN ANSELMO

RESOLUTION NO. 1299

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF  
SAN ANSELMO ESTABLISHING ELECTRICAL PERMIT FEES  
TO TAKE EFFECT UPON THE ADOPTION OF THE 1968  
NATIONAL ELECTRICAL CODE.

WHEREAS, the City Council of the City of San Anselmo will adopt the 1968 National Electrical Code by passing and adopting an ordinance, and good cause appearing for a revision of the electrical permit fees,

IT IS THEREFORE RESOLVED as follows:

That when the 1968 National Electrical Code becomes effective the following schedule for various electrical permit fees shall be in full force and effect:

ELECTRICAL PERMIT FEES

For Issuing Permit	\$ 2.00
For Each Switch Outlet	.20
For Each Lighting Outlet	.20
For Each 110 Volt Receptacle	.20
For Each Incandescent Lighting Fixture	.20
For Each Fluorescent Lighting Fixture	.40
For Each Circuit or Feeder	.25
For Each 220 Volt Outlet	1.00
For Each Domestic Electric Heater	1.00
Temporary Power Pole Not over 100 Amps.	2.50
New Service or Service Change	2.50
For Each Additional 100 Ampt. Capacity <sup>o</sup> Fraction thereof	1.00

Additional Meters and Feeders Each		.75
Service over 600 volts, First 200 KVA		10.00
Over 200 KVA		25.00
For Motors of 1 HP or Fraction Thereof		1.00
Motors over 1 HP up to and including 10 HP		1.00 plus .50 per HP
Motors over 10 HP	The first 10 HP	6.00 plus .20 per HP
Maximum HP Fee		25.00

For Each Motor Generator Set or Frequency Change the fee charged shall be 50% greater than that for motors alone.

For Each Electrical Sign 2.50

For Swimming Pools including Lights, Motors, & Misc, Circuits 15.00

For any Special Equipment not listed 2.50

NOTE: (1) Fee Schedule for Transformers shall be the same as set forth for Motors - One KVA-1 HP

(2) Commercial Heaters and Furnaces - One KW-1 HP

NEW Single and Multi-Family Dwellings, Hotels and Motels:

Fees for the above shall be calculated on the basis of One Dollar and twenty-five cents (\$1.25) for each hundred square feet or fraction thereof, in addition to the above, fees for issuing the permit and applicable fee for service and electrical heating shall be added. The floor area shall be entire building, including garages, storage room and accessory buildings.


Minimum total fee for any electrical installation 5.00

I hereby certify Resolution No. 1299 was duly passed and adopted at a regular meeting of the City Council held March 24, 1970 by the following vote:

AYES COUNCILMEN: Reed, Ragan, Anderson, Scott, Capurro

NOES COUNCILMEN: None

ABSENT COUNCILMEN: None

  
 ANITA GANNON, Clerk