

gress over the adjacent streets and public places not inconsistent with the paramount right of the public.

3. Upon the completion of the Cenotaph the title thereto shall pass to the City of San Antonio; and, thereafter the City shall use said structure as a memorial in honor of the Heroes of the Alamo; and, the City of San Antonio assumes all obligation of maintenance, repair and preservation of said structure, and agrees that the property shall be used only for the purposes for which it is intended.

4. Upon the approval of this agreement by the Attorney General of the State of Texas and its execution by the State Board of Control, it shall become the valid and binding deed and act of the principal contracting parties herein specified.

5. It is ordered by two-thirds vote of the full Board of Commissioners of the City of San Antonio that this ordinance shall receive final action without having been read at three several meetings of the Commission.

6. PASSED AND APPROVED this 29 day of October, A. D. 1936.

ATTEST: Jas. Simpson.
City Clerk.

C. K. Quin.
Mayor.

7. ACCEPTED for the State of Texas, by the State Board of Control, this _____ day of 1936.

STATE OF TEXAS,

By: STATE BOARD OF CONTROL

BY: _____ Chairman.

ATTEST: _____
Secretary.

APPROVED: _____
Attorney General of the
State of Texas.

AN ORDINANCE *OH-213*

CREATING AND MANIFESTING AN AGREEMENT BETWEEN THE STATE OF TEXAS AND THE CITY OF SAN ANTONIO TO CONSTRUCT A STATUE OF BEN MILAM ON THE WESTERN PART OF MILAM SQUARE.

BE IT ORDAINED BY THE COMMISSIONERS OF THE CITY OF SAN ANTONIO:-

1. That this ordinance creates, manifests and constitutes a valid and binding contract and agreement between the City of San Antonio, a municipality of the State of Texas, and the State of Texas, acting by the State Board of Control of the State of Texas, duly created and authorized to act for the State of Texas, for the erection of a statue of Ben Milam and the western part of Milam Square, but not over the grave of Ben Milam, in the City of San Antonio, Bexar County, Texas.

2. The City of San Antonio grants the State Board of Control the right to use the land herein specified as a site for said Statue of Ben Milam; and, during the construction of the Statue, the State Board of Control, its contractors, agents and servants will be allowed necessary working space in the area adjacent to the site of the structure, together with the right of ingress and egress over the adjacent streets and public places not inconsistent with the paramount right of the public.

3. Upon the completion of the Statue, the title thereto shall pass to the City of San Antonio; and, thereafter, the City shall assume all obligation of maintenance, repair and preservation of said structure.

4. Upon the approval of this agreement by the Attorney General of the State of Texas and its execution by the State Board of Control, it shall become the valid and binding deed and act of the principal contracting parties herein specified.

5. It is ordered by two-thirds vote of the full Board of Commissioners of the City of San

Antonio that this ordinance shall receive final action without having been read at three several meetings of the Commission.

6. PASSED AND APPROVED this 29 day of October, A. D. 1936.

C. K. Quin.
Mayor.

ATTEST: Jas. Simpson.
City Clerk.

7. ACCEPTED for the State of Texas by the State Board of Control, this _____ day of _____
A. D. 1936.

STATE OF TEXAS,

BY: STATE BOARD OF CONTROL,

BY: _____ Chairman.

ATTEST: _____
Secretary.

APPROVED: _____
Attorney General of the
State of Texas.

RESOLUTION

SELECTING OFFICERS OF THE ELECTION FOR THE BOND ELECTION OF THE 12 OF NOVEMBER 1936.

EXHIBIT "A".

PRESIDING OFFICERS, JUDGES AND CLERKS FOR BOND ELECTION NOVEMBER 12, 1936.

Precinct Number		Precinct Number	
1.	Andrew Mayer, 227 W. Arsenal St. J. Frank M. Baker, 226 W. Arsenal C. A. M. McNally, 432 Dwyer Ave. P.J. Mrs. Blanche McNally, 432 Dwyer Ave. C.	11.	Mrs. Arthur Geisler, 202 Linares St. P.J. Mrs. Ruth Kuntz, 1223 W. Theo St. J. Mrs. R.H.Stevens, 209 Hearne St. C. Mrs. Marion Wetzel, 152.Hearne St. C.
2.	Mrs. Avis Sheppard, 211 W. Johnson St. P.J. John C. Nelson, 1119 So.Flores J. Leonard McCarty 125 Nathan St. C. Mrs. R.B.May, 202 Frasch St.(May Estate)C.	12.	Rene Baeten, 525 Ceralvo P.J. Mrs.Margaret Fecci, 525 Ceralvo St. J. Mrs.LaVon McMachen, 310 Brady St. C. Mrs.Dannelle Zane, 802 Kirk C.
3.	Mrs. Ruby Gittinger, 116 Rehman St. P.J. Mrs. Minnie Eichhorn 234 Keller St. J. Mrs. Cleo Graciette, 213 Furnish St. C. Beatrice Froeboese, 227 Keller St. C.	13.	John Kenney, 1425 S.Laredo St.P.J. Mrs. Ruth Richter, 901 So. Pecos J. Grecencio Lozano, 1122 So. Frio St. C. Beatrice Forestier, 903 So. Pecos St. C.
4.	Miss Ruby Hill, 202 Drake Ave. C. Miss Mary Hayden 119 Drake Ave. C. Miss Sophie Maly, 2427 S. Brazos St. J. Hilda Kohleffel, 219 Pendleton P.J.	14.	J. R. Rendon, 1402 So.Laredo P.J. Albert Garcia, 1610 Guadalupe St. J. Toribio Cruz, 1113 S.SanJacinto C. J.J.Casillas, 1111 Colima St. C.
5.	Ruth Dossey, 701 Baylor St. J. Lena Woodward, 131 Klein St. C. Sara Jane Bodenmiller, 122 Glass St. C. Theron Dossey, 701 W. Baylor St. P. J.	15.	Migel Morales, 1003 Zarzamora Sy.P.J. E. G. Mendoza, 2211 Chihuahua J. William Garcia, 1823 Hidalgo St. J. Eduado Perez, 2216 Tampico St. C. Amada Rocha, 1617 Hidalgo St. C.
6.	Mrs. Flora Dozier, 242 St. Francis St. J. C. A. Rideout, 259 St. Francis St. P.J. Mrs. Lee Gittinger, 203 Helena St. C. Mrs. Mary Caperton, 256 St. Francis St. C. Mrs. Emma Hunt, 302 Helena St. C.	16.	Ernest Broggi, 425 S. Santa Rosa. P.J. Arthur Puig, 302 Durango St. J. R. Sulaica, 211 San Fernando. J. Alfonso Saldana, 519 S. Concho St. C. A. J. Forsythe, 702 S. Leona St. C.
7.	Mrs. Lola Bishop, 119 W. Glenn Ave. J. Val. Maspero, 501 DeWitt St. P. J. J. E. Hewett, 201 Elsie St. C. C. O. Himble 3301 So. Flores St. C. R. L. Graham 257 W. Theo Ave. C.	17.	Mrs. Nellie Stevens, 914 Buena Vista, P.J. Cathryn Tocci, 616 Durango St. J. Mrs.Virginia N.Garza, 219 S.Leona St. C. Rudy Barajas, 524 San Luis St. C.
8.	Mrs. Alice Crooker, 119 E. Theo Ave. C. Mrs. Herbert Neal, 308 E. Franciscan Ave. C. Mrs. Kate Kaiserling, 116 Truax St. P.J. Mrs. Bessie O'Neil, 210 Truax St. J. A. M. Benold, 320 Truax St. J.	18.	Frank Rieden, 1802 W. Commerce P.J. Mrs. Musie Berry, 1410 Buena Vista St. J. Juanita Monsalvo, 429 San Marcos St. C. Guadalupe Rameriz, 1111 San Louis St. C. (Noonie Monsalve) Sylvia Wernette, 2014 W. Commerce C.
9.	Margaret Osborn, 448 Gladstone St. J. James Walker, 218 W. Ditmar St. P.J. Mrs. M. H. Henderson, 137 Kane St. C. Tony Casanova, 602 Dourau St. C. A. G. Linger, 332 Gladstone St. J.	19.	Mrs. Edna Bouquet, 1921 Saunders P.J. Martin Hutzler, 1815 Buena Vista J. Mrs. Sue Arnold, 1630 San Fernando J. F. Brockaman, 1720 Buena Vista C. Pedro Lonzano, 506 S.SanJacinto C.
10.	Mrs. L.H.Smith, 503 Taft Ave. P.J. Mrs. W. H. Mussey, 422 Barrett St. J. A. J. Wallace, 546 Kirk St. J. Mrs. F.O.Wilcos, 343 Kirk St. C. Mrs. Emma Mauerman, 445 Taft Ave. C. Eli Meche, 230 Taft Ave. C.	20.	Mrs. Carrie White, 2115 Monterey, P.J. Mrs. W.E.Boyd, 2106 Monterey St. J. Mrs. Rosalie English, 2014 Buena Vista.C. Mrs. Dora Gill, 2119 Buena Vista. C.

PRECINCT
NUMBER.

21. Mrs. Josie Ducos, 2718 Monterey St. P.J.
Mrs. Clarice Mandry, 2924 Saunders Ave. J.
Miss Theresa Morin, 3810 W. Commerce. C.
Mrs. Agnes Pena, 2815 Monterey St. C.

22. Alfred Talerico, 209 Leona St. J.
Yolando Talerico, 209 Leona St. J.
Mary Salas, 317 N. San Saba C.
Miss Annie Youse, 518 W. Salinas St. C.
Tom Pereida, 408 Santa Rosa P.J.

23. Mrs. Ed. Cattan, 1101 Martin St. J.
Mrs. Adele Carle, 108 N. Colorado St. J.
Leo Woeltz, 317 Pedrez St. P.J.
Miss Agnes Sherrill, 1521 W. Houston C.
Miss Lupe Acosta, 523 San Marcos C.

24. Mrs. Minnie Henry, 847 Leal St. P.J.
Dan Kuhlman, 843 Leal St. J.
Lelia Castro, 2204 W. Travis St. C.
Leon Henry, 847 Leal St. J.
Josie Garcia, 604 Ruiz St. C.

25. Frank Warzecha, 2200 Morales St. P.J.
T. B. Sexton, 3027 W. Houston J.
Mrs. Belle Collins, 2825 W. Houston J.
Mrs. Louis Church, 2815 W. Travis St. C.
Mrs. Nettie Braum, 2019 Perez St. C.

26. Mrs. Mary Felder, 1716 Leal St. P.J.
Mrs. Edna Huegle, 3010 Perez St. J.
Mrs. Louis Kumpf, 525 N. Zarzamora C.
Mrs. Pauline Neuner, 211 Murry St. C.

27. Mrs. Anna Cadena, 147 Rivas St. C.
Al. Englehardt, 1126 N. Brazos St. J.
F.R. Mills, 653 Ruiz St. P.J.
Wm. H. Bush, 408 Delgado St. J.
M. Avila, 615 Ruiz St. C.

28. Mrs. O. L. Gross, 840 Menchaca St. J.
Victor Duran, 745 Lombrano St. P.J.
Mrs. Tom Addicks, 843 Delgado St. C.
Gene Mergle, 1220 N. San Jacinto C.

29. L.A. Gilmore, 1142 Culebra Ave. P.J.
Mrs. I. A. Braum, 1122 Culebra Ave. J.
Reta F. Lohse, 422 Neff St. C.
Alma Branchle, 125 Neff St. C.

30. Harry H. Fraser, 346 Cincinnati Ave. J.
L. T. Barnett, 224 University Ave. P.J.
N.C. Alexander, 412 University Ave. J.
Mrs. Eva Griffin, (HH) 206 Princeton Ave. C.
R. P. Isom, 345 Cincinnati Ave. C.

31. Anna Lucile McRae, 1618 W. Ashby St. J.
Fritz Zoller, 815 Cincinnati Ave. P.J.
Chas. H. Pfeiffer, 625 E. Texas Ave. J.
Mrs. Johanna Pfeiffer, 625 E. Texas Ave. C.
Fay Stone, 1606 W. Ashby St. C.
Margaret Huntress, 1643 W. Craig Pl. C.

32. Mrs. Monnie Magginson, 1515 Culebra Rd. C.
A.F. Noble, 1502 Waverly Ave. J.
A. Zotterelli, 1218 W. Texas Ave. C.
J. A. Starnes, 2948 W. French Pl. P.J.

33. Mrs. C. B. Meeke, 1606 W. Mistletoe C.
Al Driffill, 1751 W. Woodlawn P.J.
Mrs. Mamie Sultenfes, 1618 W. Summit Ave. J.
Mrs. H. J. Hansen, 1621 W. Woodlawn J.
Frank J. Grimsinger, 1311 W. Woodlawn C.

34. Fritz Fessman, 343 Donaldson P.J.
Mrs. Louis Fessman, 343 Donaldson J.
Mrs. C. M. Richmond, 1929 W. Mulberry J.
Mrs. Homer Groesbeeck, 1914 W. Gramercy C.
Mrs. Guy Cater, 1810 W. Mulberry C.

35. Henry G. Chakley, 115 California St. P.J.
Mrs. Mamie Lyons, 118 Kingsbury St. J.
Henry Kuhlman, 222 W. Salinas St. C.
Mrs. Aimee Monier, 231 W. Salinas St. J.
Kinney Anderson, 118 Kingsbury St. C.

36. W. H. Sherman, 649 W. Elmira St. P.J.
Mr. C. B. Lightsey, 403 San Pedro Ave. J.
Florence Sauer, 1001 N. Flores St. J.
Mrs. Marjorie Willis, 620 W. Euclid St. C.
Mrs. Taska Matthews, 225 Jackson St. C.

PRECINCT
NUMBER.

37. Mrs. Elizabeth Weyel, 407 Warren St. C.
Mrs. G. E. Knaupp, 309 Warren St. C.
W.P. Campbell, 621 Jackson St. P.J.
Mrs. Beatrice Campbell, 621 Jackson St. J.
L. L. Fearons,, (Heir) 313 Warren St. J.

38. Gilbert Perez, 624 Lewis St. P.J.
P. A. Gates, 124 W. Myrtle St. J.
Jos. Newton, 220 W. Dewey St. J.
Henry Quasso, 915 Howard St. C.
Virginia Thornton, 417 W. Park Ave. C.

39. Frank R. Newton Sr. 505 Belknap P.J.
Mrs. Bessie Bell Sprinkle, 417 W. Craig J.
Wallace Brennan, 222 W. Woodlawn A.J.
Mrs. W. A. White, 1420 San Pedro C.
Lawrence B. Newton, 505 Belknap C.
Frank Benavides, 722 W. French Pl. C.

40. R. N. White, 1030 W. Russell P.J.
Florance Hillyer, 1109 W. Russell J.
Mrs. R. N. White, 1030 W. Russell C.
Frieda Wilke, 1109 W. Russell C.

41. Miss Ada Moore, 1227 W. Russell C.
Mrs. King Kennon, 1004 W. Craig Pl. P.J.
Mrs. B. A. Bond, 1022 W. Craig Pl. J.
Miss Henrietta Pyle, 1147 W. Ashby Pl. C.

42. R. F. Neumann, 931 W. Summit P. J.
Ransford Garnett, 1001 W. Gramercy J.
E. S. Langston, 1032 W. Gramercy C.
Mrs. Henry Cadena, 919 Capitol Ave. C.
Mrs. Lizzie Remling, 1102 W. Gramercy C.

43. Mrs. J.R. Lessing, 1647 W. Lullwood P.J.
Mrs. Josephine D. Dwyer, 1501 W. Gramercy J.
Helen Haenig, 1543 W. Lynwood C.
Mrs. Thomas P. Cotter, 1507 W. Kings Hwy. C.
Mrs. Gene Harper, 539 At. Clair St. J.

44. Mrs. Lula Slack, 1110 Ridgewood Ct. C.
Mrs. Harriot Case, 1022 W. Ridgewood P.J.
Mrs. Vernando Schonert, 922 W. Hildebrand C.
Mrs. Minnie Brown, 918 Lullwood C.

45. Mrs. Myrtis Ford, 718 W. Hollywood P.J.
J. W. Carriere, 819 W. Lullwood J.
Mrs. Pauline Grabenheimer, 421 W. Rosewood C.
Mrs. Margaret L. Richard, 618 W. Hollywood C.
R. R. King, 827 W. Rosewood

46. Mary Louise Mackey, 430 W. Lynwood P.J.
Mrs. Dixie Chandler, 635 W. Summit J.
Mrs. Elsie Mae Schneer, 809 Fulton Ave. J.
Miss Louis Hiesser, 831 W. Kings Hwy. C.
Mrs. Annie C. Preneti, 637 W. Kings Hwy. C.

47. Mrs. Millie Meurin, 710 W. Summit P. J.
Mrs. Elsa Lauterstein, 631 Agarita J.
Mrs. Lela Marvel, 940 Aganier C.
Mrs. Amanda Cloonan, 911 Aganier C.
Richard V. Ketchem, 530 W. Mulberry C.

48. Mrs. Geo. Westerzil, 102 W. Ridgewood P.J.
Mrs. Ora Burns, 102 W. Ridgewood J.
Gertrude Hall, 112 E. Norwood C.
Mrs. K. McGary, 124 W. Norwood C.

49. John Williams, 319 W. Gramercy P. J.
Miss Nell Pryor, 101 W. Kinhs Hwy. J.
Mrs. J. R. McCaldin, 311 W. Elsmere C.
Mrs. Ellen A. Williams, 319 W. Gramercy C.

50. Carlton Adams, 231 W. Mulberry J.
Mrs. Effie Parker, 135 E. Mulberry P. J.
Mrs. Martha Shook Calhoun, 214 W. Magnolia J.
Mrs. Jack George, 215 W. Mistletoe C.
Mrs. Ed. Carroll, 130 W. Mulberry C.

51. Walter Loughridge, 319 Carlton St. J.
Mrs. Sadie Shaenfield, 609 E. Mulberry J.
Paul O'Brien, 201 E. Mulberry P.J.
Mrs. Paul O'Brien, 201 E. Mulberry C.
Mrs. Emilie McNamara, 126 Ledge Lane C.

52. Brahan Bennett, 209 Lindell P. J.
Ernest Hauser, 802 E. Ashby J.
Mrs. August Blanke, 134 Valero C.
Mrs. Eva Durant, 202 Valeto C.

PRECINCT
NUMBER.

53. P. C. Gittinger, 420 E. Courtland P.J.
Mrs. Alba Gittinger, 420 E. Courtland J.
Ed. Slavin, 252 E. French Pl. C.
Thomas Northway 428 E. Magnolia Ave C.

54. W. H. Northway, 310 E. Locust P.J.
Mrs. Homer Cote, 818 Ogden St. J.
Mrs. Maude Lehman, 411 E. Evergreen C.
Mrs. Zuleme Pettus, 404 E. Locust St. C.

55. Alex Boehme, 223 E. Quincy St. J.
Ruth Simmang, 724 Erie P.J.
C. G. Muesbach, 716 E. Euclid C.
Jerome Gabert, 432 E. Elmira St. C.

56. H. J. Saucier, 911 E. Quincey St. P.J.
Mrs. Bertha Cray, 815 E. Elmira St. J.
Mrs. Cora Kush, 922 E. Elmira St. J.
Mrs. J. J. Murrie, 1020 E. Elmira St. C.
Sidney J. Murrie, 1020 E. Elmira St. C.

57. L. W. Hess, 611 Dallas St. J.
James G. Boles, 609 Camden St. P. J.
Albert Vogler, 821 Dallas St. C.
George Wiedeman, 517 Brooklyn Ave. C.

58. Chas. R. Gerlach, 114 W. Travis St. P.J.
P. H. Bethge 111 Fannin St. J.
Samuel Gorn, 205 Broadway J.
Lena Bethge, 111 Fannin St. C.
Henry C. Durst, 120 E. Martin St. C.

59. J. W. Miller, 432 Live Oak St. P. J.
H. A. Hoeke, 410 E. Crockett St. J.
Mrs. Adele Cook, 625 Live Oak St. J.
John Robb, 236 Blum St. C.

60. Arthur Beck 206 Fifth St. P. J.
Fannie Anderson, 525 $\frac{1}{2}$ Fourth St. J.
Miss Emma Obadal, 201 Austin St. C.
Mrs. Ollie S. Richardson, 626 Ave. E. C.

61. J. W. Slimp 317 Arden Grove J.
Wm. G. Brown 207 Arden Grove J.
Otto Dullnig, 405 Jones Ave. P. J.
A. Cordts, 810 Broadway C.
R. Matzdorf, 438 Oak St. C.

62. Mrs. Frank Guardo, 1501 Avenue B J.
Mrs. Minnie Lee Martin, 2027 Broadway. P. J.
Mrs. H. Kinderwater, 2020 Broadway C.
Carl Wideman 105 Isleta C.

63. Ed. Beere, Broadway & Brackenridge P.J.
Mrs. Harry Ables, 272 Post Ave. J.
Mrs. Esther Gittinger, 220 Ira Ave. C.
Mrs. A.A. Swertzer, 272 Post Ave. C.

64. Mrs. J. J. Gallagher, 343 Queen Ann Ct. C.
Mrs. Lillian Leesch, 222 Carnhan C.
Mrs. C. A. Laufenburg, 334 Elmhurst J.
Alf. W. Rhode, 302 Carnahan P. J.
Mrs. O. C. Besch, 114 Carey Ave. J.
Mrs. Alf. Rhode, 302 Carnahan Ave. C.

65. Mrs. Elizabeth Farrell, 219 Ford St. P. J.
John L. Sullivan, 331 Stafford J.
Martin Peters, 1216 Carson St. C.
Mrs. Earl Ackley, 411 Sandmeyer C.

66. Mrs. Eleanor Schaefer, 622 Mason St. J.
Mrs. Carrie Miller, 618 Van Ness P. J.
Beatrice Norberry, 702 Carson St. J.
Miss Clara Baade, 1210 Grayson St. C.
Ruby Cude, 420 Pierce St. C.

67. Sieckenius W. G. 1615 N. Pine St. P. J.
Carney, Mamie, 425 Van Ness St. J.
Garza, Adelaide, 1718 N. Pine St. J.
Bonnemaison Anthony, 314 Mason St. C.
Preston Sadie, 216 Mason St. C.

68. Jack T. Raybald, 515 Hays St. P. J.
Wm. Fritzie, 431 Burleson St. J.
Harry Stone, 424 Lamar St. C.
Mrs. Mary Fraser, 412 Burleson St. C.

69. Mrs. E. W. Winters, 1118 N. Pine St. P. J.
Mrs. Bessie Doolittle, 729 Burleson St. J.
Mrs. H.H. Abbott, 625 Burleson St. C.
Mrs. Fred Carver, 916 N. Hackberry St. C.

PRECINCT
NUMBER.

70. Emil Zipp, 812 Palmetto St. P. J.
Mrs. Mattie Doran 1118 Sherman St. J.
Mrs. Nellie Mueller, 314 St. Charles C.
Mrs. James Cook, 1130 Lamar St. C.
E. A. Hayman, 817 St. James St. J.

71. A. B. Casdorff, 1323 Burleson St. J.
S. Ramos, 1419 Hays St. C.
Gerald Staffel, 1702 Burleson St. P.J.
Nick Blouse, 501 Lockhart St. C.

72. G. B. Powers 125 Paso Hondo P. J.
Mrs. Annie Klein, 1519 E. Houston St. C.
Mrs. E. B. Powers, 125 Paso Hondo St. J.
Mrs. Max Schelper, 510 Nolan St. C.

73. Mrs. Agnes Waters, 827 Dawson St. P.J.
John Lee, 1003 Nolan St. J.
Mrs. Lillie Hyatt, 732 N. Pine St. C.
Mrs. Ellen Campbell, 1725 E. Houston C.

74. Mrs. Mary Eifler, 701 Paso Hondo St. P.J.
Mrs. R. K. Collins, 110 St. Charles J.
Mrs. Mary Wright, 715 Paso Hondo J.
Mrs. R. Jordon, 734 St. James St. C.
Mrs. Maude OcIver, 221 St. John C.

75. Mrs. Harry Spahn, 1933 E. Commerce P.J.
Mrs. Martha Justo, 1714 E. Crockett J.
Mrs. Edith Coker, 1022 Gibbs St. J.
Loys Bush, 1641 E. Crockett C.
Mrs. Clarice Bedford, 2344 E. Houston C.

76. Mrs. Alice Rietzer, 620 Gulf St. J.
Mrs. Josephine Staha, 609 Gulf St. P. J.
Harry Harlos, 2701 E. Houston C.
Mrs. Margaret McKay, 754 Canton St. C.

77. J. L. Zimmerman, 225 Wyoming P.J.
Frank Zizik, 418 North St. J.
Harry Tyrash, 304 Rose St. C.
Tom Watzlavick, 423 South St. C.
Mrs. Annie M. Wilson, 510 South St. C.
A. P. Rheiner, 305 Wyoming J.

78. Lt. T. Mumme, 722 Hoefgen Ave. P.J.
Mrs. Alta Goff, 330 Peach St. J.
Mrs. Aline Grossenbacher, 419 Hoefgen C.
Mrs. Louis Smasal, 541 Goliad St. C.

79. Henry Lange, 319 S. Olive St. J.
Frank Pope, 109 Dashiell C.
Arthur Reus, 105 S. Hackberry P.J.
Mrs. Barthelow, 511 Montana St. C.

80. Thos McKay, 221 Piedmont Ave P.J.
Mrs. Rose McKay, 221 Piedmont Ave. J.
Mrs. Ida Easton, 715 Montana t. C.
Celia Heberer, 328 Omaha St. C.

81. Mrs. Inda Gaysh, 202 Harding Pl. P.J.
Wm Umscheid, 202 Harding Pl. J.
Lee Brandt, 102 Maryland J.
Mrs. Lillian Lubranski, 214 Harding C.
Mrs. Rosie Prove, 104 Harding Pl. C.

82. F. M. Forehand, 327 Maryland P.J.
Mrs. Edith Wingate, 1710 Montana J.
Mrs. Emily Miller, 219 Ferguson J.
Mrs. Steffia Heacker, 2319 Wyoming C.
Mrs. May Forehand, 327 Maryland C.

83. T. F. Wiley, 310 Vine St. P.J.
Mrs. Etta Delgado, 114 Yucca J.
Andy Fink, 347 Vine St. C.
Mrs. Mary C. Knight, 146 Yucca St. C.

84. Nell Tucker 915 S. Gevers P.J.
A.T. Brecher, 602 Delmar St. J.
Annie Schaumleffel, 1024 S. New Braunfels. J.
Lucile Albers, 730 Porter St. C.
Mrs. Loretta Peterson, 1102 Essex C.

85. Fritz Dehler, 1117 Virginia Blvd. P.J.
Mrs. J.S. Surber, 703 Westfall Ave. J.
Mrs. Maud Howard, 1035 S. Palmetto J.
Mrs. Hattie Beard, 439 Porter St. C.
Mrs. Ora Gebhardt, 434 Porter St. C.

86. J. Ed. Helmer, 1312 S. Hackberry P. J.
Mrs. Esther Watts, 420 Denver Blvd. J.

		PRECINCT NUMBER.		
L. J. Fisher,	512 Denver Blvd.	J.	94. Mrs. Harriot Lorrillard,	1330 Avant St. P.J.
Edna Ruth Brice,	1015 Florida St.	C.	Mrs. Nellie May Moody,	1246 Avant St. J.
Mrs. L.S. Byrd,	1122 S. Hackberry	C.	Mrs. Cathaleen Hoch,	1218 Avant St. C.
			Mrs. J. R. Reed,	1218 Steves Ave. C.
PRECINCT NUMBER.				
87. Freda Carstanjan,	423 Indiana St. P.J.		95. Mrs. Mollie Biggar,	202 Miller St. C.
Lucile Collins,	209 Essex St. J.		Mrs. Eleanor Barker,	1503 Hicks Ave. C.
Lottie Dobrowelski,	401 Indiana St. C.		W. P. Neuman,	832 Bailey Ave. J.
Hazle Bull,	730 Carolina St. J.		O. A. Linnartz,	1018 Avant St. J.
Alice Wilson,	1024 Victoria St. C.		Grandville W. Smith,	826 Bailey Ave. P.J.
88. W.E. Kotula,	206 Devine St. P.J.		96. Mrs. Mary Stowe,	403 Ada St. P.J.
J. A. Fritsche,	410 Carmargo St. J.		Mrs. Annie Brake,	319 Fair St. J.
Mrs. Elizabeth M. Stortz,	212 Camargo C.		Mrs. Ida Mae Groben,	942 Highland J.
Mrs. Ruth Byrne,	202 Devine St. C.		Mrs. O.L. Martin	513 Greer St. C.
Miss Hattie Schwegmann,	212 Camargo C.		Mrs. Geo. Downs,	410 Topeka Ave. C.
89. Miss Lanette Heilbron,	217 Vance C.		97. Mrs. E.J. Elms,	707 McKinley C.
Mrs. L. K. MacMurray,	118 Kearney C.		Mrs. H.R. Gordon,	423 Hampshire C.
Eli Peoples,	228 Leppold P.J.		Mrs. W.L. Littlepage,	114 Buckingham J.
Mrs. B.C. Martin,	227 Carolina J.		L. G. Siebrecht,	711 McKinley P. J.
			Mrs. Merle Siebrecht,	711 McKinley Ave. J.
90. Mrs. F.R. Kalodzie,	234 Roseborough P.J.		98. Mrs. Eleanor Turner,	234 Chicago Blvd. P.J.
F.R. Kalodzie,	234 Roseborough J.		Mrs. Edna Earnest,	2716 S. Presa St. J.
Mrs. Maud Whitlock,	335 Roseborough C.		Mrs. Elizabeth Angel,	238 Chicago Blvd. J.
Kenneth Whitlock,	335 Roseborough C.		Mrs. Lottie Wright,	135 Glenwood Ct. C.
			Mrs. Viola Moore,	148 Glenwood Ct. C.
91. Mrs. Bessie Bartholamae,	310 Kayton P.J.		99. F. L. Halbig,	201 So. Alamo J.
Mrs. Cora Davis	332 Rigsby J.		Mrs. Clara Cosgrove,	215 Arcineiga C.
Chester Basse,	445 Hammond C.		Rebecca Ferguson,	160 South St. C.
Mrs. Mary Gruen,	133 High St. C.		Adolph Phillip,	412 S. Presa St. P.J.
			F. M. Leggi,	211 Arcineiga St. J.
92. F. Wahrmond,	805 Kayton Ave. P.J.		100. Mrs. Katie Glaeser,	233 Madison St. C.
Eva J. Copeland	818 Kayton Ave. J.		Herman F. Glaeser,	233 Madison P.J.
LeRoy Chase,	610 Peck Ave. J.		Mrs. Amelia Zadik,	203 Madison St. J.
Mrs. Louis Chambers,	1123 Highland C.		Mrs. Helen Hegeman,	111 Cedar St. C.
Mrs. Martha Klaus,	632 Rigsby C.		G. Chabot,	403 Madison St. J.
93. C.A. Salter,	1115 Drexel Ave. P.J.		101. Adolph Dugosh,	503 Cedar St. P. J.
Mrs. A. Harlos	1130 Rigsby Ave. J.		Franz Driess,	407 E. Guenther J.
Mrs. C.A. Salter,	1115 Drexel Ave. C.		Mrs. L.J. Tolle,	323 Adams St. C.
Mrs. Mary Schaeffer,	1127 Drexel C.		Mrs. Johanna Bailey,	223 Claudia St. J.
W. B. Goff,	1116 Hammond Ave. J.		Mrs. Kate Seideman	215 Mission St. C.
102. August N. Withoff,	603 Cedare St. P.J.		103. Chas. B. Smith,	513 Hunstock Ave. P.J.
F.V. Huffmeyer,	614 Adams St. J.		Mrs. Loretta Smith,	513 Hunstock Ave. J.
Frank Bolner,	502 Adams St. J.		August Menck,	602 Roosevelt C.
Mrs. Ellen Pyron,	715 Mission St. C.		Mrs. Emma Dailey,	127 Grove Ave. C.
Miss Leila Pyron,	715 Mission St. C.			
104. J.R. Glore,	3397 Schley Ave. P.J.		105. Harry Weber,	606 Whiting St. P.J.
Chas. Ziegler,	407 Hicks Ave. J.		Max Kahn,	3721 S. Presa St. J.
Robert H. Fries.	226 Alamosa C.		Mrs. LaNora Lewis,	114 Wharton St. J.
Mrs. Ruth DeLeon,	367 Hicks Ave. C.		Mrs. Alice Teas,	153 Weaver St. C.
			H. T. Smith,	125 Wharton St. C.

AN ORDINANCE

OH-214

Amended 3/17/39

Amended June 6, 1946
10/31/46 11/19/46

PROVIDING FOR THE SAFE GUARDING OF LIFE AND PROPERTY BY REGULATING AND PROVIDING FOR THE INSTALLATION AND MAINTENANCE OF ELECTRICAL WIRING, DEVICES AND EQUIPMENT, PROVIDING THE MANNER AND WAY IN WHICH ELECTRICAL WORK SHALL BE DONE, THE KIND AND CLASS OF MATERIAL TO BE USED IN SUCH WORK, THE INSPECTION OF ELECTRICAL WORK, SCALE OF FEES FOR SUCH INSPECTION, CREATING THE OFFICE OF ELECTRICAL INSPECTOR, CREATING AN EXAMINING AND SUPERVISING BOARD, PROVIDING FOR THE GRANTING OF LICENSES TO INSTALL, MAINTAIN AND SELL ELECTRIC WIRING, DEVICES AND EQUIPMENT, TO PREVENT INCOMPETENT PERSONS, FIRMS OR CORPORATIONS FROM INSTALLING, MAINTAINING AND SELLING ELECTRIC WIRING, DEVICES AND EQUIPMENT, DEFINING TERMS USED IN CONNECTION WITH THE INSTALLATION AND MAINTENANCE OF ELECTRICAL WIRING, DEVICES AND EQUIPMENT AND PERSONS ENGAGED IN SUCH WORK, FIXING A PENALTY FOR THE VIOLATION THEREOF, AND PROVIDING FOR THE GIVING OF A BOND AND THE COLLECTION OF PENALTIES UNDER SAID BOND FOR VIOLATION OF THIS ORDINANCE, AND REPEALING ALL FORMER ORDINANCES RELATING THERE-TO AND IN CONFLICT WITH SAID ORDINANCE.

BE IT ORDAINED BY THE COMMISSIONERS OF THE CITY OF SAN ANTONIO:

PART 1.

ADMINISTRATION

ELECTRICAL INSPECTOR, QUALIFICATIONS
AND APPOINTMENT

1. That there is hereby created the office of Electrical Inspector. He shall be a competent electrician of good moral character, having at least eight years experience at the trade, the last two years of which must have been in the city of San Antonio, and well versed in approved methods of electrical construction and the protection of life and property.

2. He shall be elected by the Mayor and Commissioners, and before entering upon his duties, take an oath of office, conditioned upon the faithful performance of his duties, and file a Surety Company Bond in the sum of One Thousand Dollars (\$1,000.00) payable to the City of San Antonio, Texas, said bond to be approved by the Mayor and Commissioners and conditioned on the faithful performance of his duties.

3. The Electrical Inspector shall not engaged in the business of Master Electrician or in any branch of the electric business either directly or indirectly within the City of San Antonio, Texas,

4. The salary of the Electrical Inspector shall be determined by the Mayor and Commissioners.

DUTIES OF THE ELECTRICAL INSPECTOR ✓

5. The Electrical Inspector shall have entire supervision over the electrical inspection of all electrical work within the City of San Antonio, Texas.

6. The Mayor and Commissioners are empowered ^{to employ} one or more assistant inspector to assist in making inspections, and for the proper conduct of his office, the said assistant inspectors to have the same qualifications as provided for the Electrical Inspector, the salaries of such assistant inspector to be determined by the Mayor and Commissioners, said assistant inspectors to take the same oath of office as required of the Electrical Inspector.

7. The Electrical Inspector shall, upon application on the proper forms, grant permits for the installation of electrical wiring, devices and equipment, and upon the payment of the required fees he or his assistants shall make inspections of all new electrical installations and make re-inspections of any existing electrical installations at such time as he may deem necessary for the purpose of the safe guarding of life and property within the City of San Antonio, Texas.

8. The Electrical Inspector shall keep complete records of all permits issued and of fees collected and of inspections made, and a record of all accidents and all fires from electrical causes, and of all other official work performed by his office.

9. The Electrical Inspector shall maintain a file of listed electrical appliance cards issued by Underwriters Laboratories Inc., which file shall be accessible for public reference at all times, to all persons interested.

AUTHORITY GRANTED TO THE ELECTRICAL INSPECTOR.

10. The Electrical Inspector or his duly authorized assistants shall have the right to enter any building during reasonable hours in the discharge of their official duties for the purpose of making any inspection or test of any electric wiring, devices or equipment therein and where such installations are found dangerous to life or property or to the work of the Fire Department or otherwise not in conformity with existing or past ordinances, he is hereby empowered to disconnect such parts of installations or to order disconnection of electric service to any building after having give notice, in writing, to the parties concerned, and such defective electric wiring shall not be again connected until made safe as directed by the Electrical Inspector.

11. It shall be unlawful for any person to interfere with the Electrical Inspector or his assistants in the discharge of their duties or to prevent or in any manner attempt to prevent them from carrying out the provisions of this ordinance.

12. The Electrical Inspector or his assistants shall be empowered to make arrests for the violation of this ordinance and to compel the suspension of any electrical wiring being done in

the violation of any City ordinance.

13. The Electrical inspector shall decide all disputed questions pertaining to the installation of all electric wiring, devices and equipment, and the Book of Rules for trade practices, hereinafter provided for in this ordinance, shall be by said Electrical Inspector interpreted by taking into consideration the National Electric Code and the National Safety Code, and in the light of standards generally recognized by the trade concerning the safe and proper installation of electric wiring, devices and equipment.

EXAMINING AND SUPERVISING BOARD ✓

14. There is hereby created a Board to be known as the Examining and Supervising Board, which Board shall consist of the Electrical Inspector, who shall be ex-officio chairman of said Board, and four other members to be appointed by the Mayor.

15. Two members to be Master Electricians who are the holders of Master Electrician's licenses.

16. One member to be a Journeyman wireman.

17. One member to be a recognized electrical engineer.

18. All appointments shall be made for a term of two years, but any appointed member may, for cause, be removed at any time by the Mayor.

19. Each member of the Examining and Supervising Board, except the Electrical Inspector, shall receive a salary of One Dollar per year for their services on said Board and no other fees or salary shall be paid them.

20. That after the appointment of the said Board they shall meet as soon as practicable, and from their membership select a chairman and secretary and prescribe a procedure and order of business for hearing of applications by persons engaged in the electrical business within the City of San Antonio, Texas. It shall be the duty of the said Board to fix, at reasonable intervals of time, as stated in the Ordinance, the dates of hearing applicants for examinations and license as herein provided for, as well as from time to time to make reasonable rules relating to the method of requiring examinations by applicants before said Board, as well as applicants for re-examination before the said Board not inconsistent herewith.

LICENSES REQUIRED ✓

21. MASTER ELECTRICIAN. No permit for the installation or alteration of any electric wiring, devices or equipment shall be issued to any person, firm or corporation, unless such person, firm or corporation is the holder of a license to execute the class of work described in such permit and as hereinafter provided.

22. Every person, firm, or corporation, before installing or contracting to install electrical conductors, generators, motors, or other electrical apparatus or material designed to supply light, heat, or power, operating at a potential of 32 volts or more, whether inside or outside of any building or on any street or alley or public highway in the City of San Antonio, Texas, must procure a Master Electrician's License for the conduct of such business.

23. The fee for such license shall be \$50.00 for the first year and \$25.00 for each consecutive year thereafter; provided, however, that if the holder of such license fails to secure a license for no any than one year, he shall not thereafter be granted a license until he shall have been re-examined and shall have paid a fee of \$50.00.

24. Any person, firm or corporation desiring such Master Electrician's License shall have a qualified member of the firm pass an examination before the Examining and Supervising Board, or shall have as superintendent in charge of their work, one who shall pass a examination before said Examining and Supervising Board to determine his qualifications to carry on such work. If said applicant or his superintendent shall have passed at least 75% of said examination, the

Electrical Inspector shall deliver the applicant's license fee together with a certificate of approval signed by the Electrical Inspector and the Secretary of the Examining and Supervising Board to the License and Dues Collector of the City of San Antonio, Texas, who shall issue such applicant a Master Electrician's License to engage in and carry on such business, provided further that said applicant shall give good and sufficient Surety Bond in the sum of One Thousand (\$1,000.00) Dollars, executed by a recognized Surety Company, to be approved by the Mayor and Commissioners, payable to the City of San Antonio, conditioned that said Applicant will in good faith comply with all of the terms of this ordinance.

25. Should a firm or corporation employing a superintendent in whose name the said license of Master Electrician is issued discontinue the service of said superintendent, the firm or corporation will be required to take another examination for its new superintendent for which a fee of fifteen dollars (\$15.00) will be charged and the name of the new superintendent incorporated in the license.

26. A superintendent who has been named on a Master Electrician's License, upon severing connections with said firm or corporation, and desiring to secure a license for himself, then the full amount of the original license will be charged and a bond required.

27. MASTER SIGN ELECTRICIAN. No permit for the installation, erection or alteration of any electric or neon sign or neon tubing for whatever purpose used, shall be issued to any person, firm or corporation, unless such person, firm or corporation is the holder of a license to execute the class of work described in such permit as hereinafter provided.

28. Every person, firm or corporation, except one having a Master Electrician's License, before installing or contracting to install, erect, hang, connect, re-connect/^{service} or maintain any electric or neon sign or electric neon tubing for any purpose, whether inside or outside of any building or on any street or alley or public highway in the City of San Antonio, Texas, must procure a Master Sign Electrician's License for the conduct of such business.

29. The fee for such license shall be \$40.00 for the first year and \$25.00 for each consecutive year thereafter; provided, however, that if the holder of such license fails to secure a license for any one year, he shall not thereafter be granted a license until he shall have been re-examined and shall have paid a fee of \$40.00.

30. Any person, firm or corporation desiring such Master Sign Electrician's License shall have a qualified member of the firm pass an examination before the Examining and Supervising Board to determine his qualifications and to carry on such work. If said applicant shall have passed at least 75% of said examination, the Electrical Inspector shall deliver the applicants license fee together with a certificate of approval signed by the Electrical Inspector and the Secretary of the Examining and Supervising Board to the License and Dues Collector of the City of San Antonio, Texas, who shall issue such applicant a Master Sign Electrician's License to engage in and carry on such business, provided further that said applicant shall give a good and sufficient Surety Bond in the sum of One Thousand (\$1,000.00) Dollars, executed by a recognized Surety Company, to be approved by the Mayor and Commissioners, payable to the City of San Antonio, conditioned that said Applicant will in good faith comply with all of the terms of this ordinance.

31. Should a firm or corporation employing a superintendent in whose name the said license of Master Sign Electrician is issued discontinue the services of said superintendent, the firm or corporation will be required to take another examination for its new superintendent for which a fee of Fifteen Dollars (\$15.00) will be charged and the name of the new superintendent incorporated in the license.

32. A superintendent who has been named on a Master Sign Electrician's License, upon severing

connections with said firm or corporation, desiring to secure a license for himself, then the full amount of an original license will be charged and a bond required.

33. MAINTENANCE ELECTRICIAN No person, firm or corporation except one having a Master Electricians License shall enter upon the work of maintenance of any electrical work, wiring or installation of any nature, kind or described operating at a potential of 32 volts or more within the City of San Antonio, Texas, until an Electrical Maintenance License shall have been properly granted to said person, owner or agent, firm or corporation. An Electrical Maintenance License shall apply only to the keeping in safe repair or moving and re-locating of electrical equipment/a plant or property, performed by an owner or tenant individually or with his permanent employee or employees for electrical maintenance work within his own property and shall prohibit the holder from doing any new electrical work.

34. If said applicant shall have passed the Electrical Maintenance examination with a grade of at least 75% on questions pertaining to the work for which he is to be licensed, the Electrical Inspector, upon payment by such person, firm or corporation of the sum of \$2.50 as an annual license fee, shall deliver such fee, together with a certificate of approval signed by the Electrical Inspector and the Secretary of the Examining and Supervising Board to the License and Dues Collector of the City of San Antonio, Texas, who will issue an Electrical Maintenance License to the applicant.

35. The work performed by a holder of an Electrical Maintenance License shall be limited to the confines of the building or buildings in which he is employed as Maintenance Electrician, the name of which shall appear in the application. The employer of the Maintenance Electrician, must be the owner, tenant or lessee of the property in which he is employed.

36. Each person, firm or corporation, before engaging in or pursuing any of the above branches of the electrical business is hereby required to file with the Electrical Inspector, in wiring an application for a license to carry on or engage in such business, and shall accompany such application with the required fee. The Electrical Inspector shall present such application to the Examining and Supervising Board, who shall hold examination for said applicants the first Saturday of each month.

37. The terms and characters of any of the foregoing examination shall be uniform to all applicants in each division and not of a discriminating character, if any applicant should fail to pass the examination, he shall not be entitled to re-examination after one month from date of first examination, and upon second failure he shall not be entitled to re-examination until six months from date of last examination.

38. All licenses shall be for the City Fiscal Year and shall expire at midnight on the last day of May, and shall be renewed upon application of the holder, payment of the required fee and filing of the required bond where such is required, at any time within thirty days before date of such expiration, unless said license has been revoked or cancelled for cause by the Examining and Supervising Board.

39. No license shall be transferable, and no holder of any electrical license shall allow his or their name to be used by any other party, either for the purpose of doing work or obtaining a permit under the penalty of forfeiting his or their license, and they shall be subject to a fine of not less than \$10.00 nor more than \$200.00, and the Electrical Inspector is hereby authorized to refuse to issue permits to the holder of any license violating this provision.

40. Any license granted may be revoked by the Examining and Supervising Board of the holder of said license violates any ordinance of the City of San Antonio, Texas, relating to installation, maintenance or repair of electric wiring, devices or equipment, When a license is revoked, a new license shall not be granted to the same person, firm or corporation for a period of at least thirty

days.

41. The Electrical Inspector and Examining and Supervising Board shall keep a record of all licenses so issued. Said record must show when and to whom such license was issued and its date of expiration and such license shall authorize the person, firm or corporation receiving the same to engage in and carry on such business.

42. Any firm, co-partnership or corporation desiring a license, as herein provided, shall make application, as here provided, and the examination provided for shall be taken by an employee, superintendent, member of the firm, or any other qualified person regularly employed in said firm, corporation, or co-partnership, and upon the passing of said examination by said superintendent, member of the firm, or regular employee a license shall be issued in the name of said superintendent, member of the co-partnership, or regular employee, and shall show upon its face the position that he occupies at the time of the issuance of said license with said firm, corporation or co-partnership.

43. No electrical work, as in this ordinance defined, shall be done by any person, firm, or corporation until said person, firm or corporation is licensed, as provided in this ordinance; provided that if electrical work is done, as said work is defined in this ordinance, under the supervision and direction of a duly licensed person, firm or corporation, by others, then said person, firm or corporation must employ to do said electrical work Journeyman Electricians, as in this ordinance defined; and it is further provided that ^{no} Journeyman Electrician shall engaged in the business of doing electrical work under the supervision of a duly licensed Master Electrician or Master Sign Electrician until said Journeyman Electrician furnishes to said Master Electrician or Master Sign Electrician a certificate of examination executed by the Examining and Supervising Board, certifying that the person so employed or engaged is a qualified Journeyman Electrician.

44. Any person desiring a certificate of examination from the Examining and Supervising Board certifying that said person is a qualified Journeymen Electrician shall make an affidavit duly sworn to setting forth in detail his experience as a Journeyman Electrician, as in this ordinance defined, and no certificate shall be issued by the Examining and Supervising Board unless said sworn affidavit be filed with said Examining and Supervising Board. All such affidavits and copies of certificates shall be retained in the office of the Examining and Supervising Board for the inspection of the public and persons interested. Such certificates of examination shall continue in full force from the date of issuance to the end of the fiscal year, and thereafter shall be renewed for each ^{fiscal} year thereafter by the Examining and Supervising Board without examination, unless revoked or cancelled by said Board, and such certificate shall not be transferable, said Examining and Supervising Board shall have the power to suspend for a definite time, or cancel or revoke any certificate of examination granted, upon giving, in writing, for a period of ten days, a notice and opportunity of the person licensed to be heard, and if the person holding such certificate is found guilty by said Examining and Supervising Board of violating the provisions of this ordinance, the license of said person may be suspended for a definite time, cancelled or revoked.

45. Any Master Electrician or Master Sign Electrician may employ Apprentice Electricians to assist Journeyman Electricians in any of the aforesaid work, such Apprentice shall not be required to pass any examination, but such Apprentice shall work in the presence of and under the immediate supervision of Journeyman Electricians, Master Electricians or Master Sign Electricians holding certificates of examination issued by the Examining and Supervising Board of the City of San Antonio, Texas.

46. The provisions of this ordinance shall not be construed to require a license or permit for the manufacture of electrical equipment by a person, firm or corporation regularly engaged in, or

carrying on a business of such manufacture, provided all electrical work incident thereto shall be confined to the particular building or premises wherein or whereon such business is regularly established and conducted. Such equipment must be inspected and passed by the Electrical Inspector before said equipment leaves the place in which it is manufactured and/or installed in the City of San Antonio, Texas. This applies to such equipment manufactured for use and to be connected to electrical energy operating at a potential of 32 volts or more, erected or used within the City of San Antonio, Texas.

47. Any person, firm or corporation that shall fail to comply with any of the provisions of this ordinance shall upon conviction thereof, be punished by a fine of not less than Ten (\$10.00) Dollars or more than Two Hundred (\$200.00) Dollars for each offense together with the costs of prosecution and if such person, firm or corporation is the holder of a license, said license may be revoked. Each day's continuance of a violation of any provisions of this ordinance shall be deemed a separate offense, punishable as stated in this section.

48. Any person, firm or corporation having complied with the provisions of this ordinance as to the procuring of a license, and giving of bond, as in this ordinance provided, who shall violate any of the provisions of this ordinance relating to the installation of an electrical system, shall in addition to other penalties herein provided be liable, together with his sureties, on the bond furnished, conditioned that such licensed person, firm or corporation comply in good faith with the terms and conditions and provisions of this ordinance, and such liability for each violation of the conditions of the provisions of this ordinance, ~~the~~ said licensed person, firm or corporation and sureties shall be liable to the City of San Antonio, Texas, in the sum of \$25.00 for each violation, and said bond shall be liable for successive recoveries for each offense committed by such person, firm or corporation.

49. It shall be the duty of the Electrical Inspector to report each and every violation of the provisions of this City Ordinance to the City Attorney of the City of San Antonio, Texas, who shall immediately make demand upon the principal and sureties on said bond for the amount of liability for each offense, and in the event of default in the payment of said sum, it shall be the duty of the City Attorney of the City of San Antonio, Texas, to immediately file suit upon the said bond for the recovery of any amount due the City of San Antonio, Texas, by reason of the penalty or penalties incurred.

50. All sums of money so collected shall be immediately paid into the Treasury of the City of San Antonio, Texas, in like manner as taxes, licenses, and other funds are deposited on behalf of the City of San Antonio, Texas.

PERMITS ✓

51. No wiring, devices or equipment for the transmission, distribution or utilization of electrical energy for light, power and/or heat, shall be installed within or on any building or structure, nor shall any alteration or addition be made in any such existing wiring, devices or equipment without first securing a permit therefor from the Electrical Inspector.

51. Application for such permit, describing the work to be done, stating the location of the work, whether the work will consist of a new installation or addition to, or alteration of an old installation, and the name of the owner or occupant, shall be made in writing to the Electrical Inspector by the person, firm or corporation installing the work, and permit when issued, shall be to such applicant. The person, firm or corporation making application for such permit shall state in the application the sizes of conductors to be used in or upon any building for all services, mains, feeders and sub-feeders, the areas to be served by such conductors, also showing the basis used in computing the required sizes of such conductors, and shall, when required by the Electrical

Inspector, file with him complete plans and specifications for the installation necessary to determine whether the installation as described will be in conformity with the requirements of this ordinance.

53. The permit, when issued, shall be for such installation as is described in the application and no deviation shall be made from the installation so described without the written approval of the Electrical Inspector.

54. No permit shall be required for the installation of wiring, devices or equipment for telephone, telegraph, district messenger or tele-autograph systems, or any signalling system operating at 48 volts or less.

55. No permit shall be required for the installation of electricwiring devices or equipment installed for or by a public utility corporation operating under a franchise from the City of San Antonio, Texas, to transmit and sell electrical energy, provided such wiring devices or equipment are for the use of said corporation in its operation as a public utility as provided for in its franchise.

56. Every corporation, co-partnership, association or individual owning or operating a line of wires over streets, alleys or buildings in this City shall use only wires that ^{are} suitable and strong; shall suitably and safely attach them to strong and sufficient supports and insulate them at all points of attachment, except ground wires; shall remove all wires abandoned for use; shall suitably insulate every wire where it enters a building, and if such wire is other than wire designated to carry an electric light or power current, shall attach to it at suitable and convenient points in the circuit and near the place of entering the building, an appliance calculated to prevent at all times a current of electricity of such intensity or volume as to be capable of injuring electrical instruments or causing fire from entering the building by means of such wire beyond the point at which such appliance is attached.

57. No wire or wires shall be installed, operated or maintained over any street, alley, sidewalk or building in this City which shall be liable to seriously interfere with the work of the Fire Department in the use of ladders or other apparatus, or which shall obstruct or render hazardous the use of fire escapes, and on complaint of the Fire Chief, said obstruction interfering or hazardous wires shall be removed or properly rearranged.

58. Wherever possible and expedient signal wires shall be carried on the same pole with the telephone and telegraph wires; such joint construction to be made as recommended by the National Electric Safety Code.

FEEES FOR PERMITS AND INSPECTION ✓

59. Before any permit is granted for the installation or alteration of electric wiring, devices or equipment, and before any work is begun, the person, firm or corporation making application for such permit shall pay to the City of San Antonio, Texas, a fee in such amount as specified below:

60. The minimum fee for any inspection shall be fifty cents.

61. For wiring, whether open or concealed work, fifteen cents each for the first ten outlets; ten cents each of over ten and up to twenty; five cents for all outlets over twenty.

62. Motors. For installation of motors or generators and their immediate operating devices, One Dollar (\$1.00) for the first motor or generator, and Fifty (50) cents for each additional motor or generator.

63. Fans. For installation of electric fans, either exhaust or ventilating, twenty-four (24) inches or under in diameter, twenty-five (25) cents each; over twenty-four (24) inches in diameter, One (\$1.00) Dollars for the first, and Fifty (50) cents for each additional fan.

64. For signs and outside decorative lights there shall be charged a fee of One Dollar

plus Fifteen Cents per ampere.

65. Fixtures. For chandeliers, or any other lighting fixtures for which fees are not herein elsewhere provided, Twenty-five Cents for the first fixture and Five Cents for each additional fixture.

66. Transformers. For each transformer, rectifier, or similar apparatus, whereby electric current is controlled, modified or impeded, Fifty Cents, except as otherwise provided.

67. For temporary installations for shows, exhibitions, carnivals, conventions and the like, there shall be charged a fee of Fifty Cents for each inspection.

68. For each service connection for light or power from point of entrance to meter or meter center Fifty Cents for the first meter loop; Fifty Cents for each additional meter loop or sub-meter loop.

69. For line work, Twenty-five Cents per pole.

70. For re-inspecting any overhead, underground or interior wires or appliances there shall be collected one-half of the fees described above. This applies to work in progress only.

71. For the inspection of electrical apparatus for which no fee is herein prescribed, or for any extra inspection made necessary by work being rejected on first inspection, an extra fee of Fifty Cents per inspection will be charged. Such fees must be paid before the person, firm or corporation doing such work will be granted another permit to do electrical work of any kind in the City of San Antonio, Texas.

INSPECTION AND CERTIFICATES.

72. Upon the completion of the installation of the electric wiring, devices and equipment, which has been authorized by issuance of a permit, it shall be the duty of the person, firm or corporation installing same to notify the Electrical Inspector and the Electrical Inspector shall inspect the installation within 48 hours of the time such written notice is given.

73. If upon inspection it is found that any part of the work does not comply with the provisions of this ordinance, the Electrical Inspector shall post a red tag in the service switch stating what violation of this ordinance has been found to exist, and he shall send written notice of such violation to the person, firm or corporation to whom the permit for the work was issued. When such red tag has been posted and until it has been removed by the Electrical Inspector, it shall be unlawful for any person, firm or corporation to lath over or otherwise cover and conceal any part of the electrical installation.

74. If, upon inspection it is found that all work covered by one permit is completed and complies with the provisions of this ordinance, the Electrical Inspector shall issue to the person, firm or corporation installing the work a certificate of approval. If the entire installation is completed and given final approval, the certificate shall authorize connection to the electrical service and the use of the installation, and written notice of such authorization shall be sent to the public utility corporation furnishing the electrical service, and a white tag stating such final approval and authorization shall be posted in the service switch box.

75. A wiring installation shall not be considered as completed, and no final certificate of approval of such installation shall be issued until all connections have been completed in all outlet boxes, except the connections to fixtures wiring.

76. A certificate of approval shall not be issued to any person, firm or corporation authorizing the setting or re-setting of any meter on any old work in any commercial building until a permit has been issued and an inspection made of the meter-loop and all wiring connected thereto.

77. When a certificate of approval is issued, but for any reason authorization for connection and use of a part of the installation is withheld, the Electrical Inspector shall post,

in the service switch box a blue tag, stating such partial approval of the installation.

78. A preliminary certificate may be issued authorizing the connection and use of certain specified portions of an incomplete installation.

79. It shall be unlawful for any person, other than the Electrical Inspector, to remove any notification tag as provided for above, until after connection has been made to the electrical service and the installation is in use.

80. When a certificate is issued authorizing the connection and use of temporary work, such a certificate shall be issued to expire at a stated time, and shall be revocable by the Electrical Inspector at his discretion.

81. When any part of a wiring installation is to be hidden from view by the permanent placement of parts of the building, the person, firm or corporation installing the wiring shall notify the Electrical Inspector, and such parts of the wiring installation shall not be concealed until they have been inspected and approval has been indicated by the posting of an appropriate tag as provided for above; providing, that on large installations where the concealment of parts of the wiring proceeds continuously, the person, firm or corporation installing the wiring shall give the Electrical Inspector due notice and inspection shall be made periodically during the progress of the work.

RE-INSPECTION

82. The Electrical Inspector shall make bi-annually a thorough re-inspection of the installation of all electrical wiring, electric devices and electric equipment now installed, or that may hereafter be installed within the City of San Antonio, Texas, and within the scope of this ordinance, and when the installation of any such wiring, devices and/or equipment is found to be in a dangerous or unsafe condition, the person, firm or corporation owning, using or operating the same shall be notified in writing and shall make the necessary repairs or change required to place such wiring devices and equipment in safe condition, and have such work completed within five (5) days, or any longer period specified by the Electrical Inspector in said notice.

83. The Electrical Inspector is hereby empowered to disconnect or order the discontinuance of electrical service to such wiring, devices and/or equipment so found to be defective until the installation of such wiring, devices and equipment has been made safe, as directed by the the Electrical Inspector.

CONNECTION TO INSTALLATIONS ✓

84. It shall be unlawful for any person, firm or coporation to make connections from a source of electrical energy to any electrical wiring, devices or equipment for the installation of which a permit is required until a certificate of approval has been issued by the Electrical Inspector authorizing such connection and the use of such wiring, devices or equipment.

85. It shall be unlawful for any person, firm or corporation to make connections from a source of electrical energy to any electrical wiring, devices or equipment which has been disconnected or order to be diconnected by the Electrical Inspector, or the use of which has been ordered by the Electrical Inspector to be discontinued until a certificate of approval has been issued by the Electrical Inspector authorizing the re-connection and use of such wiring, devices and equipment.

PART 11.

QUALITY OF MATERIALS AND APPLIANCES SOLD. ✓

86. It shall be unlawful for any person, firm or corporation to sell, offer for sale or display for sale, any electrical materials, wiring devices, electrical appliances or apparatus designed or intended for use on, or attachment to any system of electrical wiring or to any electrical circuit for the purpose of light, heat or power to use 32 volts or more, within the corporate limits of the City of San Antonio, Texas, unless such materials, wiring devices, appliances or apparatus

conform to the recognized approved methods of construction and manufacture for the safety of life and property. Conformity of electrical materials, devices or appliances with the standard of Underwriters' Laboratories, Inc., as indicated by lists of inspected electrical appliances published and distributed by said Underwriters' Laboratories, Inc., or with other standards approved by the American Engineering Standards Committee or by the United States Bureau of Standards, shall be prima facie evidence that such electrical materials, devices or appliances comply with the requirements of this ordinance. The maker's name, trademark or other identification symbol shall be on all electrical materials, devices or appliances sold, set or used under this ordinance, together with such other markings giving voltage, current, cycles, wattage, or other appropriate ratings prescribed in the National Electrical Code.

QUALITY OF MATERIALS USED IN CONSTRUCTION ✓

87. It shall be unlawful for any person, firm or corporation to use any electrical material devices, or equipment unless such material, devices or equipment are in conformity with the provisions of this ordinance and with the Statutes of the State of Texas, and unless they are in conformity with approved methods of construction for safety to life and property.

88. Conformity with the standards of Underwriters' Laboratories, Inc., shall be considered as satisfactory evidence that such materials, devices and equipment comply with the requirements of this ordinance. The maker's name, trademark or other identification symbol, together with other markings giving voltage, current, wattage or other appropriate ratings, shall be placed on all electrical material, devices, electric signs and equipment sold or offered for sale.

89. The Electrical Inspector may grant provisional approval of electrical materials, devices or equipment as in conformity with the provisions of this ordinance under the conditions noted below:

90. Where no standard has been prepared by Underwriters' Laboratories, Inc. to which the material, device or equipment should conform.

91. Where no other material, device or equipment of similar type is available which is in conformity with the standards of Underwriters' Laboratories, Inc.

92. In emergency, temporary approval may be given to materials, devices or equipment which have not been passed on by Underwriters' Laboratories, Inc., provided such materials, devices or equipment have been submitted to Underwriters' Laboratories, Inc., for test and approval. Such temporary approval shall not be granted for a longer period than ninety days.

93. Provisional approval shall be granted only for such materials, devices and equipment as, in the opinion of the Electrical Inspector, are in conformity with the provisions of this ordinance.

94. Provisional approval shall apply only to the particular samples so approved.

95. New materials manufactured from time to time and approved by the National Board of Fire Underwriters, may be made a part of this ordinance when, and if, approved by the City Electrical Inspector.

PART 111.

INSTALLATION REQUIREMENTS ✓

96. No certificate of approval shall be issued unless the installation is in strict conformity with the provisions of this ordinance, the statutes of the State of Texas, and unless it is in conformity with approved methods of construction for safety to life and property. The regulations as laid down in the National Electrical Code, as approved by the American Standards Association, and in the National Electrical Safety Code, as approved by the American Standards Association, and other installation and safety regulations approved by the American Standards Association, shall be prima facie evidence of each approved methods.

97. Reference is here given to the "Book of Rules" prepared by the Electrical Inspector and approved by the City Commission which is a part of this ordinance.

PART IV

TYPES OF WIRING APPROVED

98. In all buildings within the City limits of San Antonio, Texas, on all new wiring and additions thereto, or alterations of old wiring, and attached to all exterior walls, and inside of all buildings and structures, of whatever kind, placed within the corporate limits of the City of San Antonio, Texas, as same now exists, or may hereafter be extended from time to time, the approved types of wiring as follows and are the only types which are approved under the conditions stated. In the given case, in order to meet with approval, a type of wiring must be approved for use under all the existing conditions. Only such conduits, ducts and raceways will be approved in any case as will permit the conductors to be easily and readily inserted and removed after said conduit, ducts or raceways are in place.

99. WITHIN BUILDINGS, dry places, Rigid metal pipe size conduit, Flexible metal conduit, Surface metal raceways, Metal underfloor raceways, Auxillary gutters.

100. WITHIN BUILDINGS, wet or damp places; Rigid metal pipe size conduit.

101. WITHIN BUILDINGS, in unfinished basemwnts or other unfinished spaces having floors below the ground level; for exposed work, Ridgid metal pipe size conduit.

102. EXTERIOR OF BUILDINGS, or otherwise exposed to the weather, Ridgid metal pipe size conduit, made weatherproof.

103. UNDERGROUND, Rigid metal galvanized iron pipe size conduit with lead covered conductors, Flexible metal conduit with lead covered conductors only where accessible.

104. REFIGERATION ROOMS, or where condensation will create an undesirable condition or hazard, open wire construction shall be used and none but 30% rubber single solid conductor wires run on porcelain insulators and using porcelain weatherproof receptacles or sockets having no exposed metal contacts shall be installed.

105. TRANSFORMER VAULTS, and in other rooms having switchboards or heavy electrical apparatus not accessible to other than authorized persons; Open wiring or insulators, Bare bus-bars and risers, Wire ways and bus ways.

106. TEMPORARY WIRING, and for fairs, exhibitions and tent gatherings; Any type wiring approved for permanent work under the existing conditions or open wiring on insulators only by special permission in writing stating length of time granted.

107. The conductors of all wiring methods except bare bus-bars shall be insulated.

PART V.

EXIT LIGHTING

108. All hotels, factories, work-shops, schools, detention buildings, assembly halls, theatres and all other buildings requiring fire excapes or which are occupied at night, shall have all public halls, stairways and passage ways properly lighted, and at the head of each flight of stairs, and at the intersection of halls with main corridors, and at the point of egress to each fire escape, shall be kept burning a light marked "Exit." These lights shall be a separate circuit or circuits connected on the service side of main line fuses with only one set of fuses between the light and service main.

109. Exit lights shall be installed in all buildings ^{which} with the laws of the State of Texas require to be equipped with fire excapes. Branch circuits supplying outlets for exit lights shall not supply any other than such outlets. Outlets for exit lights in any building shall be supplied through a separate service switch, and between the service fuses and any outlet there shall be

no fuses except the fuses for branch circuit protection.

PART VI.
BOOK OF RULES
ADDITIONS TO EXISTING ELECTRICAL INSTALLATIONS.

110. Where permits are issued to add to or extend to a knob and tube installation the following rules will be effective.

111. Additional new outlets may be added using knob and tube system provided that the total number of outlets per circuit when completed does not exceed that allowed for new work.

112. When an existing knob and tube installation has been damaged by fire or otherwise disturbed by remodelling or by any other cause to the extent of one or more circuits then the damaged circuits shall be re-wired to conform to new work. All metal circuits so installed shall be grounded if over 25 feet in length.

113. When an existing knob and tube installation has been damaged by fire or otherwise disturbed by remodeling and a metal conduit service does not exist, such service shall be replaced by a rigid metal conduit service and grounded as required for new work.

114. Outlets added to all other existing types of wiring not authorized by this ordinance shall conform in number to that allowed for new work.

115. If alterations in the building or wiring required changing location of the meter, the electric utility company shall be notified before meter is disconnected. Contractor shall not handle nor in any way interfere with meters or their connections, or to close meter loops.

SERVICES.

116. Contractor shall secure from the electric utility company the location at which the services are to be brought out of the building, and the method and type of metering desired by them. In the case of power services, the electric utility company shall be notified before work is begun, of the amount of power consumption estimated and the type of equipment to be used.

117. The service entrance shall be so located that the wires will not be within reach from porches, fire escapes, windows or any part of the building accessible to occupants. Except by special permission of the Electrical Inspector, service entrance shall not be less than 12 feet nor more than twenty-five feet from the ground level.

118. Serviced wires will not be carried over house top, outer buildings or sheds to reach a service entrance, unless by special permission of the Electrical Inspector.

119. Service wires must extend at least 2 feet out of conduit.

120. No service wire shall be smaller than No. 8 B & S gauge.

121. All service switches must have a capacity of thirty amperes or more. All commercial buildings and all residences having more than one circuit shall have a three wire service installed.

122. Not more than one service of each for light and power will be installed for one building, regardless of the number of occupants. A building shall be that space which is entirely enclosed by unpierced fire walls extending through the roof.

123. An externally operated, fused service switch or approved protective device must be placed in all service wires, in the nearest readily accessible place to the point of entrance.

124. In calculating the size of service and feeder wires each branch circuit shall be considered as loaded to ten amperes capacity, except those circuits which are herein allowed to be of greater capacity, in which case the greater capacity shall be figured. The neutral wire of a three wire feeder, sub-feeder or branch circuit shall not serve more than one set of two wires.

DEMAND FACTOR - WHEN PERMITTED.

125. For lighting services and feeders the following demand factors will be permitted.

126. Residences, flats and apartments:

	Demand Factor
1 to 5 circuits - - - - -	100%
6 to 10 circuits - - - - -	90%
11 to 15 circuits - - - - -	80%
16 to 20 circuits - - - - -	70%
21 to 30 circuits - - - - -	60%
Above 30 circuits - - - - -	50%

127. For installations of more than 10 circuits in:

Clothing manufacturing plants - - - - -	90%
Department stores - - - - -	90%
Foundries - - - - -	75%
Garages (except display rooms) - - - - -	75%
Hotels - - - - -	75%
Hospitals - - - - -	70%
Machine Shops - - - - -	75%
Manufacturing plants (General) - - - - -	75%
Office Buildings - - - - -	100%
Packing Houses - - - - -	80%
Printing establishments - - - - -	80%
Stores (General) - - - - -	100%
Restaurants - - - - -	100%
Tanneries - - - - -	75%
School (services only) - - - - -	90%
Warehouses - - - - -	65%
Theatres - - - - -	100%

128. To determine the sizes of service wires for motor installations refer to the latest edition of the National Electric Code.

129. For domestic electric range loads, the per-cent of total connected load which may be used in determining the size of feeders shall not be less than given in the following table:

No. of Ranges	Demand Factor
1 to 2 - - - - -	80%
3 to 5 - - - - -	70%
6 to 10 - - - - -	60%
11 to 20 - - - - -	40%
Over 20 - - - - -	35%

130. The demand^{factor}/allowed by this section are based upon average load conditions and may be safely used in the great majority of cases; however, if at any time after the equipment is put in service it should be found that conductors are of insufficient capacity to carry the maximum demand without over-fusing, they should be increased in size to comply with the requirements for overload protection applying thereto.

131. In no case shall a range installation have less than a 50 ampere main switch and three No. 6 wires. The wire from the main switch to the range shall not be less than three No. 6 wires.

METERS.

132. All meter trim safety switches or other approved meter centers shall be installed with the operating handle five feet from the floor. In cases where a number of meters are grouped, special permission may be obtained from the Electrical Inspector for exceptions in this ruling.

133. Where meters are grouped, each meter service switch shall be plainly and permanently marked to identify it with the office, apartment or section of the building metered, No less permanent means of identification shall be used than stenciled lettering or numbering painted on the face of the cabinet or switch.

134. The electric utility company shall be consulted in regard to the amount of space required for all metering purposes, and their ruling will be approved by the Electrical Inspector. All other questions of meter installations must meet the joint approval of the electric utility company and the Electrical Inspector.

135. For all meter installations, approved weatherproof housings shall be employed and placed on outside of buildings or room readily readable by all tenants or public.

136. All branch circuit, main or feeder conduits terminating at a service or sub-feeder switch or cabinet, shall enter and be secured to the metal housing of the switch or cabinet, or some approved part thereof, in such manner that all wires are readily accessible without removing the

switch from its position.

137. Where necessary to use current or potential transformers for meters, same shall be installed in metal cabinets of approval ^{ed} thickness, size and construction.

138. All cabinets are ^{or} sub-cabinets, whether light or power, shall be dead front.

BRANCH CIRCUITS AND WIRING METHODS.

139. All conductors installed for light, heat and power or any other purposes, shall be of such size that the drop in voltage at the farthest outlet shall not exceed two per cent of the voltage supplied at the service entrance at full load, No branch circuit shall be installed with wire smaller than No. 12 B & S gauge and no branch circuit shall be protected by fuses of greater capacity than 15 amperes.

140. Not more than 4 current consuming outlets shall be installed on any branch circuit in any commercial building. Not more than 6 light consuming outlets shall be installed on any branch circuit in any apartment house or hotel. Not more than 8 light consuming outlets shall be installed on any branch circuit in any residence. Not more than 4 convenience outlets shall be installed on any branch circuit in any residence or commercial building.

141. Each convenience outlet installed in any beauty parlor shall be equipped with 20 amperes polarized receptacle and each on a separate circuit.

142. Each Electric Outlet or Receptacle installed in any Residence building for any Electric Motor of one-sixth horse power or more shall be on a circuit independent of all other outlets.

143. When plugging receptacles are installed for radio serial and ground, such receptacle shall be of approved type exclusively for radio work.

144. Every appliance outlet installed within four feet of an ironing board cabinet shall be on separate circuit and provided with a pilot light.

145. All bell ringing or other transformers shall be installed at the distribution panel and shall be separately fused with the fuse size not exceeding fifty per cent of the ampere capacity of the transformer.

146. Drop cords will not be permitted in clothes closets.

147. Fixture studs shall be mounted in all outlet boxes and shall not be smaller than 3/8" iron pipe size. Where fans are to be installed studs shall not be smaller than 1/2" iron pipe size, secured by projecting through the outlet box.

148. All sockets within eight feet of metal, ground or cement floors must be porcelain or of insulated material, except where sockets are rigidly attached to fixtures or brackets that are permanently and effectively grounded to the conduit system.

149. The screw shall of all sockets shall be connected to the white or grounded wire of the circuits.

150. All appliances, parts or fittings used on any circuit must be approved by the National Board of Fire Underwriters.

151. All joints must be made, soldered and taped at the same time the wire is pulled, and only the two ends that are to be connected to the fixture shall be left extending from the outlet box. Those ends shall not extend less than six inches out of the box. Not more than twelve wires will be permitted in one outlet box. Upon inspection where taped joints are found unsoldered, the Electrical Inspector may require all joints untaped and left untaped until an inspection of all joints has been made.

152. Standard metal headers shall be used in supporting outlet boxes.

153. Three inch boxes will not be allowed to be concealed except on bracket lights.

154. All outlet boxes and switch boxes shall be set flush with surface of finished wall or ceiling on any and all types of construction.

155. Switch plates, receptacle plates, door trims and drop or blank covers shall not be plastered over or in any way secured so they cannot be readily removed.

156. All fixtures, except ceiling fans, receptacles and similar devices where it is manifestly impractical, shall be provided with slip canopies. Fixture support shall be in all cases of adequate mechanical strength and security. All fixtures shall be supported from outlet box studs or equivalent fittings, or by metal straps fastened to studs or lugs of the boxes. Where the fixture is of a special type which cannot be supported except by wood screws, they may be used, providing permission is obtained in advance in writing. Where straps are used, fixtures shall be fastened to them by machine screws, stove bolts or other approved methods. Drop cord or twisted lamp cords shall not be used for the support of more than one socket and shall ^{not} be used for the support of sockets fitted with enclosing globes, bowls or reflectors unless the equipment is first submitted for examination and approved as to weight, construction and methods of support. Flexible cord shall not be used for extension of outlets in other than a vertical direction and shall not extend lower than a point six feet above the floor, except where such cord is placed over a permanent desk or table. The person, firm or company or corporation installing lighting fixtures shall tape exposed wire ends and install blank metal covers at all unused fixture outlets.

157. Fixtures or conduits or wire-ways within buildings must be wired with conductors of approved slow burning or asbestos covering where the temperature to which wire is subject at any point exceeds 12- degrees Fahrenheit (49 degrees Centigrade).

158. All fittings, fixtures, flood lights or other electrical apparatus exposed to the elements must be of approved weatherproof type.

159. Three wire branch circuits will be allowed in all work providing the outlets connected to each side of the common neutral are evenly divided and do not exceed the quantity provisions of this ordinance, and, provided further that the two-circuits are confined to one meter and one panel. A common neutral shall not serve more than one set of two wires. All grounded conductors shall be permanently identified by using white wire.

160. All underground work or work in basement floors shall be galvanized conduit and lead sheath cable. Approved Parkway cable will be allowed underground on the exterior of buildings. Wherever Parkway cable protrudes above ground or is installed on the walls of a building, it shall be protected by conduit of the proper size. Wherever Parkway cable enters the building it shall terminate in a junction box, from which point a conduit system shall begin.

161. All joints made under gasoline pumps shall be made within explosion proof fittings, and all conduit must be rigid iron pipe size secured with full thread leaded joints or sealing compound.

162. All boxes must be secured in place by wood screws or stove bolts of at least one inch in length, Nails will not be permitted to secure boxes. Wood plugs in masonry or other walls will not be permitted to secure any type of electrical fitting or apparatus. Any method of securing conduit or fitting not consistent with good safe practice will be condemned. All work shall be mechanically safe, secure and conform to good standard practice and shall not by means of its installation place in hazard any other construction to which it may be attached. Open conduit shall be plumb and straight, having no undue strain on its terminals nor on any construction to which it may be secured.

163. A white wire shall be used for the neutral wire and colored wire for the positive wire in all circuits.

164. In re-wiring old buildings all wiring that has been condemned must be removed from building when possible.

165. In Commercial buildings all drop cords must be of the reinforced classification.

- 166. Outlet boxes will not be allowed in any run of conduit used for main service wires.
- 167. Unsued knockouts in outlet boxes, switch boxes or panel boxes, must be closed by an approved device.
- 168. Undinished outlets on all jobs must be finished by taping wires and put on blank covers before job will be passed.
- 169. Conductors installed in conduit and in other approved metal enclosures must be of the rubber covered type unless mentioned else where in this code.
- 170. Conductors may be placed in multiple only by permission of the authority enforcing this code and then all conductors must be the same size and length.
- 171. Junction boxes will not be allowed to be installed in unfinished attics or under floors unless by written permission.
- 172. Panel boards must be installed in readily accessible places and in school buildings shall be installed ^{only} in hallways.
- 173. Receptacles of the screw-shell type shall be installed only for use as lamp holders. Receptacles installed for the attachment of portable motors shall be of the polarity type.

MOTORS AND WIRING.

174. WIRE SIZES FOR MOTORS

Single Phase Motors.				THREE PHASE MOTORS:			
H. P.	110 Volt	220 Volt	440 Volt	H. P.	220 Volt	440 Volt	H.P. 220 Volt. 440 Volt
1/8	No. 12	No. 12	No. 12	1/8	No. 12	No. 12	35 No. 0 No. 2
1	No. 12	No. 12	No. 12	1	No. 12	No. 12	40 No. 0 No. 2
2		No. 10	No. 12	2	No. 12	No. 12	50 No. 000 No. 1
3		No. 8	No. 10	3	No. 10	No. 12	60 No. 0000 No. 0
5		No. 6	No. 8	5	No. 8	No. 12	75 300,000C.M No. 0
7 1/2		No. 4	No. 6	7 1/2	No. 6	No. 10	100 400,000CM No. 000
10		No. 2	No. 6	10	No. 6	No. 8	150 700,000 CM 300,000CM
15		No. 0	No. 4	15	No. 4	No. 8	200 900,000 CM 400,000CM
20		No. 0	No. 2	20	No. 2	No. 6	250 1300,000 CM 500,000CM
25		No. 000	No. 1	25	No. 1	No. 6	300 1600,000 CM 650,000CM
30		200,000	No. 0	30	No. 0	No. 4	
		C.M					
35		300,000CM	No. 0				
40		300,000C.M	No. 0				
50		500,000C.M	No. 000.				

- 176. Any motor of 1/6 h.p. or larger must be ^{on} a separate circuit other than a light circuit and be equipped with a polarized receptacle.
- 177. Whenever possible in wiring for motors the conduit must be run into a terminal box on the motor, if stationary. If motor is movable, 18 inches of flexible metal conduit may be used.
- 178. In all power installations of two or more motors, a separate switch must be installed between the meter switch and each motor for the motor control.
- 179. A clear floor space of at least 3 square feet must be left arounds any electrical apparatus that is operable or has to be read or tested.

SIGNS.

- 180. All classes of electric signs whether of gas tube systems, sign receptactor type including gas tube window outlining or outside building outlining and inside decorative displays shall be considered as electric signs within the meaning of this ordinance. Portable inside displays or small signs using self contained transformer with current consumption not to exceed 200 watts may be connected by attachment plug to present circuits providing all other requirements of this ordinance are complied with.
- 181. All signs must be on separate circuit in conduit from distributing panel and not more than 1320 watts will be allowed on each circuit. Groups of signs where on the same circuit must not exceed a total of 1320 watts. All signs except portable signs must be grounded directly to the conduit service.
- 182. All switches of controlling signs must break both sides of the circuit.

616

183. All signs must bear the Underwriter's label and if constructed locally must be inspected before being closed up. All signs connected or disconnected and not in use must be removed upon notice from the Electrical Inspector.

184. Where Electric sign is to be hung over sidewalk there shall be a clearance of eight and one half ($8\frac{1}{2}$) feet from the sidewalk to the lowest point of sign and no sign shall extend to within two (2) feet of the curb line of sidewalk, except by special permission.

185. When electric signs are to be erected over sidewalks a petition to erect electric sign over sidewalk shall be submitted to the Electrical Inspector on blanks furnished by his office, such petition shall state name of Master Sign Electrician, name and address of owner or tenant, width of sidewalk and shall show sketch of proposed sign with full specifications showing the weight and dimensions of sign, materials used, means of support and amperage consumed, and after being approved by the Electrical Inspector as to type of construction, materials used and means of support, such petition shall be placed before the City Commission by the City Clerk and if permission is granted a record shall be made of same by the City Clerk and upon the payment of the proper fee petitioner shall be issued an Electrical Permit by the Electrical Inspector.

186.

GROUNDING

An approved ground shall mean the grounding of all light and power installations in the following manner, each of which shall be of capacities as approved by the National Electric Code.

187. Extend the neutral wire of a size not less than #8 B & S guage from the line side of the main line switch to the grounding screw of the switch cabinet, then continue without breaking the same size wire or armored cable to the soldering lug of an approved ground clamp secured to a cold water pipe. An approved ground clamp shall be one which secures by means of threads to the conduit and by means of bolts and U clamp to the water pipe or employs a drilled and tapped lug connection for the ground wire to the conduit.

188. In case no water pipe is available within fifty feet, a galvanized pipe or $\frac{3}{8}$ " galvanized rod may be driven into the ground to a minimum depth of five feet and in any case to such depth that a thirty ampere fuse will be blown between either of the outside wires and the ground. The pipe shall be secured to the service switch cabinet by means of two locknuts and a ground bushing to which shall be secured the neutral wire after leaving the ground screw of the cabinet.

189. All portable power devices shall be grounded by means of a three conductor cable and plug.

190. In the construction and installation of all electrical wiring or apparatus within the City of San Antonio, Texas, the rules and requirements of the National Electric Safety Code and the National Electric Code, together with the special rules as heretofore set forth, or as they may be amended, shall be complied with, provided that the latest edition of said Codes shall be the Codes herein used.

PART VII.

DEFINITIONS

191. For the purpose of this ordinance the following terms and words shall be interpreted as having the following meanings.

192. INSPECTOR shall mean any person duly qualified and appointed in the manner as hereinafter provided for the purpose of enforcing the provisions of this ordinance.

193. MASTER ELECTRICIAN shall mean any person who holds himself out to do electrical work or to contract to do any or all kinds of electrical work mentioned in this ordinance; a person who himself or by the employment of Journeyman Electricians, and Apprentices performs the work of installing wires, conduits, apparatus, fixtures, or other appliances for carrying or using electricity

for light, heat or other purposes, whether he contracts to do work himself or through others.

194. MASTER SIGN ELECTRICIAN is a person who holds himself out to the public to contract for himself or through others to manufacture, install, connect, re-connect, or service electric signs of whatever description.

195. MAINTENANCE ELECTRICIAN is a person having four years experience at the trade who is employed within a given property or building by the person that is the owner of said building or property, or by one who has the possession, control, and custody of said property or building, to maintain the existing electrical system, including all fixtures, appurtenances contained in said building or property in a safe manner.

196. JOURNEYMAN ELECTRICIAN is a person who works for or under the supervision or by the direction of a Master Electrician, or a Master Sign Electrician, doing the electrical work already contracted for, by or under the supervision of a Master Electrician, or Master Sign Electrician, and who has at least four years experience at the electrical trade.

197. APPRENTICE ELECTRICIAN is a person not having at least four years actual experience, ^{one} and who is learning the trade of electrician, and who works under the direct supervision and orders of a Journeyman Electrician.

198. ELECTRICAL WORK. shall mean any act in connection with the installing, altering, repairing, or maintaining of an electrical installation designed or capable of carrying an electro-motive force, which act ordinarily requires the use of tools.

199 PERSON shall mean any natural person, co-partnership, firm, or corporation.

200. ELECTRICAL SYSTEM shall mean all material, devices, or appliances located for the purpose of conducting or safeguarding electrical current.

201. ELECTRICAL WIRING shall mean electric wiring, devices or material, construction and/or equipment.

PART VIII.

202. All provisions of this ordinance shall be effective, and shall be applied to the entire area within the corporate limits of the City of San Antonio, Texas, and if and when any additions, subdivisions or any area is added or incorporated in the City Limits of the City of San Antonio, Texas, the buildings therein must be inspected as soon thereafter as possible, under the conditions of "Re-Inspection", as set forth in this ordinance.

203. The spirit intent of this ordinance is to protect the City and Citizens of San Antonio, Texas, from the installation of workmanship and materials and devices that may endanger life and property, and therefore all installations shall be approved from the standpoint of good mechanical workmanship as well as good electrical workmanship.

204. If any section, sub-section, sentence, clause or phrase of this ordinance shall for any reason be held to be unconstitutional or invalid, such holding or decision shall not effect the validity of the remaining portions of this ordinance.

205. All ordinances, or parts of ordinances, of the City of San Antonio, Texas, conflicting with the provisions of this ordinance are hereby repealed, except Sections 25 to 28 inclusive, of an Ordinance of the City of San Antonio, Texas, passed and approved on the 27th day of August, 1923.

206. WHEREAS, an emergency is apparent for the immediate preservation of order, good government and public safety that requires this ordinance to become effective at once; therefore, upon the passage of this ordinance by a vote of 4/5 of the Commissioners it shall be effective from and after the date of its passage as made and provided by the Charter of the City of San Antonio, Texas.

PASSED AND APPROVED this 5th day of November, A. D. 1936.

C. K. Quin.
Mayor.

ATTEST: Jas. Simpson.
City Clerk.

THE STATE OF TEXAS,
COUNTY OF BEXAR,
CITY OF SAN ANTONIO.

Before me, the undersigned authority, on this day personally appeared C. L. Buchanan who being by me duly sworn, says on oath that he is chief accountant the San Antonio Light a newspaper of general circulation in the City of San Antonio, in the State and County aforesaid, and that the ordinance hereto attached has been published in every issue of said newspaper on the following days to-wit: Nov. 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 1936.

Sworn to and subscribed before me this 28 of November 1936.

J. D. Massey
Notary Public in and for Bexar
County, Texas.
