amended by striking out from each of them the following language:

"September 30, 1965",

and inserting in lieu thereof in each of said ordinances

"December 31, 1965".

SECTION 2. That the ordinance passed June 9, 1965, appearing on page 4756 of the Council Journal, granting authority to lease office for the Commission on Youth Welfare at No. 733 W. 64th Street, be and the same is hereby amended by striking therefrom the following language:

"September 30, 1965",

and inserting in lieu thereof

"December 31, 1965".

SECTION 3. This ordinance shall be in force and effect from and after its passage.

Term of Lease Extended for Premises at One North Wacker Drive Building for Office for Chicago Committee on Urban Opportunity.

On motion of Alderman Keane the City Council took up for consideration the report of the Committee on Finance deferred and published on October 22, 1965, page 5292, recommending that the City Council pass a proposed ordinance transmitted with the committee's report for extension of a lease of premises described as Suite 777 in the One North Wacker Drive Building for an office for the Chicago Committee on Urban Opportunity.

On motion of Alderman Keane said proposed ordinance was *Passed,* by yeas and nays as follows:

Yeas—Aldermen Parrillo, Metcalfe, Holman, Despres, Miller, Bohling, Condon, Lupo, Buchanan, Danaher, Zelezinski, Healy, J. P. Burke, Krska, Chew, Murray, Fitzpatrick, Campbell, Yaksic, Janousek, Tourek, Collins, Marzullo, Zydlo, Sain, Provenzano, T. F. Burke, McMahon, Keane, Sulski, Brandt, Laskowski, Aiello, Casey, Cullerton, Kaplan, Goldberg, Rosenberg, Fifielski, Kerwin, Hoellen, O'Rourke, Wigoda, Sperling—44.

Nays—None.

The following is said ordinance as passed:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. That the City Comptroller is authorized to execute on behalf of the City of Chicago, a lease from M.S.K. Property, Inc., and Allarbill Corporation, Corporations, to the City of Chicago, a municipal corporation, of the premises described as follows:

Suite 777 on the Northwest section of the Seventh Floor at the One North Wacker Drive Building, approximately 1,000 square feet,

for a term running from September 1, 1965 to April 30, 1966, at a rental of $354.16 per month, for use as an Office by the Chicago Committee on Urban Opportunity; such lease to be approved by the Executive Director, and as to form by the Corporation Counsel.

Either party has the right to terminate this lease by thirty days' prior written notice.

It is mutually agreed and understood by and between the parties hereto that the remuneration mentioned in this lease is payable solely from funds when made available by the Federal Government.

SECTION 2. This ordinance shall be in force and effect from and after its passage.

Revision Made in Regulations for Operation of Elevators, Etc. (New Elevator Code for Chicago).

On motion of Alderman Metcalfe the City Council took up for consideration the report of the Committee on Buildings and Zoning deferred and published on October 22, 1965, pages 5293-5294, recommending that the City Council pass a *substitute* proposed ordinance transmitted with the committee's report (proposed ordinance printed in Committee Pamphlet No. 6) to revise Chapter 79 of the Municipal Code of Chicago (proposed new elevator code for city).

On motion of Alderman Metcalfe said substitute proposed ordinance was *Passed,* by yeas and nays as follows:

Yeas—Aldermen Parrillo, Metcalfe, Holman, Despres, Miller, Bohling, Condon, Lupo, Buchanan, Danaher, Zelezinski, Healy, J. P. Burke, Krska, Chew, Murray, Fitzpatrick, Campbell, Yaksic, Janousek, Tourek, Collins, Marzullo, Zydlo, Sain, Provenzano, T. F. Burke, McMahon, Keane, Sulski, Brandt, Laskowski, Aiello, Casey, Cullerton, Kaplan, Goldberg, Rosenberg, Fifielski, Kerwin, Hoellen, O'Rourke, Wigoda, Sperling—44.

Nays—None.

The following is said ordinance as passed:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. Chapter 79 of the Municipal Code of Chicago is amended to read as follows:

79-1. *Scope of Provisions.* Except as herein otherwise expressly provided, the provisions of this chapter shall apply only to the following devices which may hereafter be installed: elevators, dumbwaiters, escalators, moving walks, and inclined lifts in private residences.

Elevators, dumbwaiters, escalators and moving walks, except as hereinafter provided, shall conform with the requirements of the American Safety Code for Elevators, Dumbwaiters and Escalators, ASA Standard A17.1-1960 with its supplement ASA A17-1a-1963 and the American Standard Safety Code Rules for Moving Walks ASA A17.1.13-1962, both hereinafter referred to as "The Elevator Safety Code".

All such devices heretofore installed, except as hereinafter expressly provided, shall conform with the ordinances in force at the date they were installed.

The provisions of this chapter shall apply to mechanical amusement riding devices, mechanical equipment used for, or in connection with the raising or lowering of any stage, orchestra floor or any platform lift, manlifts, and any other devices specifically covered and described.

The provisions of this chapter shall apply to all alterations, repairs and replacements hereafter made where such alterations, repairs, and replacements are covered in Part XI of the Elevator Safety Code. The provisions of this chapter shall not apply to the repairs of such existing devices which

are necessary to keep them in safe operating condition nor the replacement of parts which serve a similar purpose to those replaced providing that safe conditions are maintained.

79-1.1. *Power Freight Elevators.* Where only the method of operating a power freight elevator is changed to any other type car switch or continuous pressure car operation, such elevator need only comply with the ordinances in force at the date it was installed, and also with the provisions of this chapter relating to interlocks, terminal stopping devices, and emergency stop switch in the car.

Elevator Doors

79-1.2. Every existing power elevator, except rope-geared hydraulic elevators, steam elevators and gravity elevators (friction), shall be equipped with hatchway door interlocks of the hoistway unit system type which shall comply with the provisions of this chapter.

Every existing rope-geared hydraulic elevator, steam elevator and gravity elevator (friction) shall be equipped with hatchway door interlocks of the hoistway unit system type which shall comply with the provisions of this chapter.

Moving Walks

79-1.3. The design, construction, installation, operation, inspection and testing of moving walks installed for the purpose of transporting passengers shall be in accordance with the requirements of the following document: American Standard Safety Code Rules for Moving Walks, ASA A17.1.13-1962, except Sections 1305, 1306 and Rule 1304.2 thereof.

A parallel stationary stairway shall be provided in the closest proximity to a single reversible moving walk installation as is reasonably possible.

Temporary Use of Elevators during Construction Period

79-1.4. An elevator being installed for permanent use, or a temporary use elevator, may be used before completion, during construction of the building for carrying workmen or other authorized persons when it is specifically approved for such use by the department of buildings. To be approved for use such elevator and its hoistway shall be provided with the following equipment:

a) An approved type governor and car safety;

b) A car with solid top and sides except at car openings;

c) A suitable hoistway enclosure for full height of shaft;

d) Approved type gates at least six (6) feet high at all hoistway openings;

e) An approved locking device on the hoistway door or gate operable only from the hoistway side of the enclosure;

f) Capacity of said elevator shall be governed by the maximum horizontal free area inside of car in accordance with section 79-5 of the Municipal Code of Chicago. Car speed shall not be over 250 feet per minute. Car and counter weight guide rails, car and counter weight buffers, counter weights and weight frame, car sling and platform may remain as part of the permanent installation;

g) Car safety and terminal stopping devices which have been tested with rated load in the car, in the presence of an inspector from the department of buildings to determine if they are in safe and proper operating condition;

h) A competent operator shall be in charge of such elevator.

79-2. *Reporting accidents.* Whenever any accident shall occur, causing injury to life or limb to any person requiring the services of a physician in or about an elevator, dumbwaiter, escalator, moving walk, or any device included under this chapter, or while getting on or off of same, or which shall in any way impair the safety of the equipment, such accident shall be reported promptly by the owner of the equipment, superintendent, lessee, or manager of the building or property to the commissioner of buildings. No broken or damaged parts of such elevator, dumbwaiter, escalator, moving walk or other devices included under this chapter shall be moved or displaced nor shall repairs be made thereon nor shall the equipment be operated until an investigation into such accident has been made by the commissioner of buildings or his duly authorized agent. A full report in writing of the result of such investigation shall be filed in the department of buildings and the commissioner of buildings shall keep a complete record of all such accidents and reports thereon.

79-3. *Definitions.* The definitions in section 3 of the Elevator Safety Code shall apply in accordance with the hereinafter described modifications.

79-3.1. *Enforcing Authority.* Wherever the term enforcing authority is used in the Elevator Safety Code, it shall refer to the commissioner of buildings.

79-3.2. *Bumper.* The definition of bumper in rule 3.5 shall be omitted.

79-3.3. *Sidewalk Type Elevator.* A second definition of sidewalk type elevator shall be added to rule 3.22 as follows:

Rule 3.22a(2) *Sidewalk Type Elevator.* A freight elevator which operates between two or more levels in a building and where at the upper level the floor cover is raised and lowered vertically by movement of the car or the floor cover is hinged.

79-3.4. *Moving Walk.* Rule 3.33b shall be modified by adding the words "or moving walk" after the word "escalator".

79-3.5. *Installation Placed Out of Active Service.* Rule 3.33c shall be modified by adding the words "or whose power feed lines have been permanently disconnected as approved by the commissioner of buildings" after the words "barricaded in the hoistway side", and by adding the words "or moving walk" after the word "escalator".

79-3.6. *Moving Walk.* Rule 3.36 shall be modified by adding the words "or moving walks" after the word "escalator".

79-3.7. *Moving Walk.* Rules 3.47 and 3.47b shall be modified by adding the words "or moving walks" after the word "escalator".

79-3.8. *Moving Walk.* Rule 3.63 shall be modified by adding the words "or moving walk" after the word "escalator".

79-3.9. *Platform Lift.* A raising or lowering mechanism in a fixed position, designed for loading or unloading with a travel not to exceed seven feet, equipped with an open platform.

79-3.10. *Adjustable Loading Platform.* A raising or lowering mechanism in a fixed position, designed for loading or unloading, equipped with an open platform hinged at one end.

79-4. The requirements of Part I of the Elevator Safety Code shall apply in accordance with the hereinafter described modifications.

79-4.1. *Hoistway Enclosure.* Section 100 and sec-

tion 101 shall not apply. Hoistway and machinery space construction shall comply with applicable requirements of chapter 62 of the Chicago Building Code.

79-4.2. *Electrical Requirements.* Rule 102.1 shall not apply. All electrical wiring, piping and raceways shall comply with applicable requirements of the Chicago Electrical Code.

79-4.3. *Counterweight Pit Guards.* Rule 103.2a shall read as follows: "Unperforated metal guards shall be installed in the pit on the open side or sides of all counterweights".

79-4.4. *Pits for Power Elevators.* Rule 106.1b and rule 110.1b shall be omitted and the requirements of chapter 62 of the Chicago Building Code shall apply

79-4.5. *Top of Car Clearance.* The first sentence of rule 107.1e shall be changed to read: "The top car clearance shall be not less than four (4) feet or the sum of the following four items whichever is greater".

79-4.6. *Hoistway Gates.* Rule 110.5 shall be omitted.

79-4.7. Rule 110-7 shall include additional paragraphs "c" and "d" and reading as follows:

c. Where existing horizontally sliding center parting door panels are reused in conjunction with a change to automatic control operation, the distance for the hoistway face of the door to the edge of the hoistway landing sill may be increased to a maximum of five (5) inches, providing a rigid metal guard is fastened for the full height and to the leading edges of the door panels between the hoistway face of the door panel and hoistway landing sill and where the distance exceeds three and one-half (3½) inches, a rigid bevelled metal guard extending to within one (1) inch of the landing sill and at sixty (60) degrees with the horizontal is fastened to the lower edges of the door panels. Where adjacent entrance panels overlap more than a total of four (4) inches when both panels are in the fully open position, the arrangement of metal guards shall be subject to the approval of the commissioner of buildings.

d. All existing swing type hoistway doors on automatic control operation shall be equipped with a rigid bevelled metal guard approved by the commissioner of buildings and located at the bottom of the inside hoistway door where the distance between the face of the hoistway door and the car gate exceeds the permitted distance requirement of rule 204.4(e) of the American Standard Safety Code for Elevators, Dumbwaiters and Escalators.

79-4.8. *Hinged or Movable Hoistway Sills.* Rule 110-14e shall be omitted.

79-4.9. *Interlocks.* The exception to Rule 111.1c shall be modified to require that hoistway door interlocks shall be provided in all applications where a dumbwaiter speed exceeds one hundred (100) feet per minute.

79-4.10. *Locking Devices for Doors of Sidewalk Elevators.* Rule 111.1e shall also apply to sidewalk type elevators, as permitted by this code to be installed within buildings or structures.

79-4.11. *Mechanical and Elevator Interlocks.* Add at end of Rule 111.4a the reference: "(see Rule 111.1c)".

79-4.12. *Access Switch to Hoistway.* In addition to the requirements of rule 111.10, a hoistway access switch conforming to rule 111.10b and rule 111.10c shall be provided at the top landing for all automatic operation type passenger elevators.

79-4.13. *Power Operated Doors.* Rule 112.3d shall be applicable only on freight elevators where the loading and unloading is fully automatic and persons are not normally permitted to ride. Where persons are permitted to ride, the power closing operation of the hoistway doors and car gates shall be of the continuous pressure operation means as required by rule 112.3b. Exception 1—Where the hoistway door and the adjacent car door or gate are of the horizontal sliding type, the closing means may be automatic subject to the requirements of rule 112.4.

79-5. The requirements of part II of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-5.1. *Information on Elevator Layouts.* In addition to the requirements of rule 200.11, the requirements of section 43-15 of the Chicago Building Code shall also be satisfied.

79-5.2. *Buffers.* Rule 201.1a shall be modified to read, "Buffers of spring, oil or equivalent type shall be installed under the cars and counterweights of all elevators".

79-5.3. *Buffers.* Rule 201.1b shall be modified to read, "Solid bumpers are not permitted".

79-5.4 *Buffers.* Rule 201.2 shall be omitted.

79-5.5. *Car Enclosures.* The first paragraph of the exception to rule 204.1d shall read "Passenger elevators or freight elevators may have two compartments, one of which may be located immediately above the other or may be separate compartments on the same platform provided the compartmented elevator conforms to the following requirements:"

79-5.6. *Access Opening.* Exception requirements (2) of rule 204.1d shall be modified by changing the phrase "top emergency exit" to "top access opening".

79-5.7. *Access Opening.* Rule 204.1e shall be omitted and the following substituted therefor:

Rule 204.1e *Top Access Opening*—A top access opening with a cover shall be provided in the top of all elevator cars and shall conform to the following requirements:

(1) The access opening shall have an area of not less than four hundred (400) square inches, and shall measure not less than sixteen (16) inches on any one side.

(2) The access opening shall be so located as to provide a clear passageway unobstructed by fixed elevator equipment located in or on top of the car.

(3) The access cover shall open outward and shall be so hinged or otherwise attached to the car top that the cover can be opened only from the top of the car without the use of tools.

79-5.8. *Access Opening.* Rule 204.2d shall not be mandatory. Side access openings may be furnished providing the distance between cars do not exceed two (2) feet six (6) inches and can be opened only from outside the car and all the remaining requirements of the rule are satisfied.

79-5.9. *Access Opening.* In rule 204.3b the words "emergency exits" shall be replaced with the words "access openings".

79-5.10. *General Requirement for Car Door and Gates.* The exception to rule 204.4e shall be omitted and the following substitution included: "Exception —Freight elevators not accessible to the general public, located in factories, warehouses, garages and similar type industrial building, equipped with horizontally swinging doors where the distance from

the hatch face of hatch door to car door or gate may be increased to 7½".

79-5.11. *General Requirement for Car Door and Gates.* Rule 204.5b shall be modified by adding the following sentence and exception as follows: "Collapsible type gates shall be permitted at car entrances adjacent to control station or attendant operated elevators."

79-5.12. *General Requirement for Car Door and Gates.* The exception to rule 204.6a shall be omitted.

79-5.13. *Light Control Switches.* Rule 204.7b shall be reworded as follows: "Light switches shall not be required but if provided they shall:

1. Be located in or adjacent to the operating device in the car.

2. In elevators having automatic operation, shall be of the key operated type or located in a fixture with a locked cover".

79-5.14. *General Lighting.* Rule 204.7g shall be added as follows:

"Rule 204.7g. *Convenience outlets.* A light socket and plug receptacle shall be provided under the car platform and on top of the car for inspection purposes except for sidewalk type elevators installed outside of buildings".

79-5.15. *Governors.* Rule 206.1 shall be modified with the requirement that all safeties shall be actuated by separate rope operated speed governors.

79-5.16. *Speed Governors.* Rule 2061a shall be added to read as follows:

"Rule 206.1a. *Access to speed governors.* Speed governors shall be so located or provisions made that they may be readily inspected or serviced. When speed governors are located outside of the machinery space and the speed governor cannot be properly serviced or inspected from the top of the car without the use of a ladder, an access door shall be provided adjacent to it in the hatchway enclosure. This access door shall be self-closing and provided with a spring-type lock arrange to permit the door to be opened from the inside without a key. The door shall be kept closed and locked except during periods when a qualified person is on duty at the opening."

79-5.17. *Capacity and Loading.* The reference to rule 207.9 in the third paragraph of rule 207.1 shall be changed to rule 207.8.

79-5.18. *Passengers on Freight Elevators.* Exception (1) to rule 207.4 shall be omitted.

79-5.19 *Machine Brake.* In addition to the requirements of rule 208.8, driving machine brakes shall operate on a brake drum mounted directly on the worm shaft or main driving sheave assembly. All brake parts shall be so located that parts requiring inspection or adjustment are readily accessible.

79-5.20. *Screw Machine.* In rule 208.9(b) a car safety device shall be required.

79-5.21. *Leveling Zone.* The exception to rule 210.1e(5) shall be omitted.

79-5.22. *Electrical Protective Devices.* In rule 210.2f, the word "on" shall be replaced with "in connection with".

79-5.23. *Electrical Requirements.* Rules 210.3, 210.4 and 210.5 shall be omitted. All electrical equipment and wiring shall conform to the Chicago Electrical Code.

79-5.24. *Control Circuit Requirements.* Rule 210.10 shall be modified by adding the word "rated" before the last word "speed" of the rule.

79-5.25. Shackles. Rule 212.9f(7) shall be modified by changing the word "to" to "be" in the first sentence.

79-5.26. *Identification of Equipment.* Where there is more than one driving machine in a machine room all disconnect switches, circuit breakers, controllers, motor generator sets and starter panels shall be numbered to correspond to the number of the driving machine they control. (See Rule 208.10).

79-6. The requirements of part III of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-6.1. *Hoistway Requirements.* Section 300 shall not apply. Hoistway and machinery space construction shall comply with applicable requirements of chapter 62 of the Chicago Building Code.

791-6.2. *Electrical Requirements.* Rule 301.1 shall not apply. All electrical wiring, electrical piping and raceways shall comply with applicable requirements of the Chicago Electrical Code.

79-6.3. *Top Car Clearance.* Rule 304.1d(2) shall be modified by changing the first two words, "Two feet" to "Two (2) feet six (6) inches".

79-6.4. *Information on Elevator Layouts.* In addition to the requirements of rule 310.7, the requirements of section 43-15 of the Chicago Building Code shall apply.

79-6.5. *Hydraulic Elevators.* In addition to the requirements of rule 317-2c, plunger lengths shall be limited to suit the elevator travel. When the car is on its fully compressed buffer, the bottom of the plunger or the plunger and its extension shall be not more than eighteen (18) inches from the bottom of its cylinder.

79-6.6. *Hydraulic Elevators.* Rule 317.2f shall be clarified by adding the requirements that when the car speed exceeds one hundred (100) feet per minute a slowdown means shall be provided so that the car speed will not exceed one hundred (100) feet per minute before striking the plunger stop at the upper limit of travel.

79-6.7. *Hydraulic Elevators.* In addition to the requirements of rule 317.3b, cylinders and casings may be arranged for future travel.

79-6.8. *Top of Car Operating Devices.* The exception to rule 321.2 shall be omitted.

79-6.9. *Electrical Requirements.* In addition to requirements of rules 321.5, 321.6 and 321.7, the applicable requirements of the Chicago Electrical Code shall also be satisfied.

79-7. *Power and Hand Sidewalk Elevators.* The requirements of part IV of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-7.1. *Hand Sidewalk Elevators.* Hand operated sidewalk elevators shall not be permitted and all reference to this type of elevator shall be omitted.

79-7.2. *Sidewalk Elevators.* An exception shall be added to rule 401.3a as follows:

Exception—Sidewalk type elevators as defined in 79-3.3 may be installed with the approval of the commissioner of buildings. Sidewalk type elevators shall meet all the requirements of this section and all references to covers in sidewalks or exterior areas shall refer to top landing covers where they apply.

79-7.3. *Sidewalk Elevators.* The requirements of rules 401.1 and 401.2 shall not apply. Hoistway and machinery space construction shall comply with the

applicable requirements of chapter 62 of the Chicago Building Code.

79-7.4. *Sidewalk Elevators.* The exception to rule 401.3d (1d) shall be omitted.

79-7.5. *Sidewalk Elevators.* In rule 401.5b, hoistway doors at the lower terminal and intermediate landings of a sidewalk type elevator shall be provided with interlocks and access for inspection, maintenance and repair shall be provided to meet the requirements of section III of the Elevator Safety Code.

79-7.6. *Electrical Requirements on Sidewalk Elevators.* Rule 401.6 shall not apply. All wiring shall be in accordance with the applicable requirements of the Chicago Eectrical Code.

79-7.7. *Guide Rails for Sidewalk Elevators.* Guide rails for sidewalk and sidewalk type elevators, where the top landing is not more than four (4) feet above grade or top floor, shall be arranged to be extended to permit the elevator to rise to the top limit of its travel.

79-7.8. *Safeties.* The exception to rule 402.7 shall not apply to sidewalk type elevators installed inside of buildings for travel of fifteen (15) feet or more.

79-7.9. *Sidewalk Elevator Control.* All the requirements of rule 402.11(b) shall apply to sidewalk type elevators.

79-8. The requirements of part V of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-8.1. *Residence Elevators.* The scope described in section 501 shall be modified to apply only to private residences.

79-8.2. *Residence Elevator Hoistway.* In addition to the requirements of rule 503.1, all applicable requirements of chapter 62 of the Chicago Building Code shall apply.

79-8.3. *Residence Elevator Electrical Requirements.* In addition to the requirements of rule 503.5, all applicable requirements of the Chicago Electrical Code shall apply.

79-8.4. *Residence Elevator Counterweights.* Rule 503.11c shall be modified by adding the word "securely" before the word "fastened".

79-8.5. *Residence Elevator Car Door and Gate.* Rule 503.14a shall be modified to require a full height car door or gate.

79-8.6. *Electrical Requirements.* Rule 504.15 shall comply with the applicable requirements of the Chicago Electrical Code.

79-9. *Hand Elevators.* The installation of hand elevators shall be prohibited from the date of the passage of this ordinance.

79-9.1. *Hand Elevators.* Existing hand elevators shall not be equipped with any means of attachment for applying electric or other power unless the elevator is permanently and completely converted into a power elevator complying with all the requirements of this code for power elevators.

79-10. The requirements of part VII of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-10.1. *Dumbwaiter Hoistway.* The requirements of rule 701.1, sections 100 and 101 shall be omitted and hoistway and machine room construction shall comply with the applicable sections of chapter 62 of the Chicago Building Code.

79-10.2. *Electrical Requirements.* The requirements of rule 701.1, section 102, shall be omitted and all electrical wiring shall comply with applicable sections of the Chicago Electrical Code.

79-11. The requirements of part VIII of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-11.1. *Escalators.* Rules 800.1, 800.2, 800.3 and 801.1 shall be omitted. Floor openings and their protection and protection of trusses and machine spaces shall be in accordance with the applicable requirements of chapter 62 and chapter 67 of the Chicago Building Code

79-11.2. *Escalator Electrical Requirements.* In addition to the requirements of section 806, all electrical wiring and lighting shall be in accordance with applicable requirements of the Chicago Electrical Code.

79-11.3. *Escalator Electrical Control.* The starting switch in rule 805.1a may be replaced with a remote control switch where it is planned to use a single escalator to carry traffic in both directions subject to all of the requirements of this subsection.

a. A foot treadle, electric eye or other approved means shall be located at each end of the escalator. The operation of this device shall start the escalator in a direction away from the starting means.

b. The foot treadle, electric eye or other approved means shall be located a sufficient distance away from the balustrade end of the escalator to permit time for the escalator to be at rated speed by the time a person can walk at a normal pace from the starting means to the escalator entrance.

c. The starting means shall be of rigid, durable construction and protected from abuse or misuse of operation.

d. An escalator started by this means shall operate continuously in the direction selected for a sufficient time for a passenger to travel the full length of the escalator and leave at the opposite end after which time the escalator may stop automatically. Any subsequent operations of the starting means shall adjust the operating timing from the last operation.

e. Signs with illuminated lettering shall be mounted in clearly visible locations at both ends of the escalator. They shall be of metal construction and serviceable without removal of the signs from their mountings. Each sign shall contain a minimum of four (4) lamps. The lettering in the signs shall not be visible when the lights behind it are extinguished.

f. The signs shall provide green and red indications to indicate the usability of the escalator. When the escalator is standing at rest or running in a direction away from the approach to it, the green sign shall illuminate and appropriate approved wording shall become visible to indicate that the escalator is available for use. When the escalator is operating in a direction toward the approach to it, the red sign shall illuminate and the wording *"DO NOT USE THIS ESCALATOR"* shall become visible.

g. A key-operated switch shall be provided at the upper end of the escalator for selection of normal or automatic operation. When in the normal position the escalator operation shall be under full control of the starting switches required by rule 805.1a.

h. Guard rails of rigid construction and of the same height as the balustrading shall be securely bolted to the floor at the approach to each end of the escalator for the full distance of the starting means from the escalator.

79-12. The requirements of part IX of the

Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-12.1. *Enforcing Authority.* All reference to enforcing authority shall refer to the commissioner of buildings or his authorized elevator inspector, as they apply.

79-12.2. *Inspection and Tests.* The last sentence of rule 900.1a shall be revised to read as follows:

"A similar inspection and tests shall be made following a major alteration of an existing installation and this inspection and test shall cover the requirements outlined for the major alteration completed and as described in part XI of the Elevator Safety Code, rule 1100.2."

79-12.3. *Governor Test.* In rule 900.2b it shall not be necessary to make an inertia application test on every safety providing the commissioner of buildings is satisfied with previous tests of the safety involved. Each safety shall be inertia tested by pulling the return run governor rope sharply.

79-12.4. *Inspection and Test.* The acceptance inspection or test requirements of rules 900.1b(2b), 900.1c and 900.1d, shall be as required by the commissioner of buildings and shall cover tests of brakes, limits, interlocks and inspections of clearances, top and bottom run-by and other hatch and machine room requirements.

79-12.5. *Type of Escalator Test.* The test required in rule 900.4 are not mandatory and shall be made at the option of the commissioner of buildings.

79-12.6. *Test Procedure.* Rule 900.6 shall be omitted and replaced with the following:

(a) All existing installations and all new installations after being placed in service shall be subjected to periodic inspections in accordance with the requirements of chapter 46 of this code.

(b) On or before July 1, 1966, every passenger and freight elevator with a car safety device and governor shall be tested and inspected in accordance with the requirements of rules 900.6f, 900.6g, 900.6h and 900.7d(1). These tests and inspection shall include an actual running test as described in rule 900.6h. The governor tripping speed shall be rechecked and the governor re-calibrated and resealed, if necessary. These tests shall be the responsibility of the owner or agent and shall be performed by persons who have knowledge of the function, operation and maintenance of the devices involved and are capable and qualified of making the required inspection and tests. In the event the safety device and governor fail to function as required, the owner or agent shall renew or replace any part or parts of the equipment and make a test or tests necessary to insure satisfactory operation of the safety device and governor.

(c) When a test is made, a report shall be submitted to the commissioner of buildings on forms furnished by him and a record of the test shall be filed by the Chicago Building Department.

(d) When the test is made and the safety device and governor combination prove satisfactory, a tag, furnished by the commissioner of buildings, shall be placed on the safety plank indicating the name of the person making the test and date of approval. The owner or agent shall have a similar inspection and test made every four (4) years thereafter.

79-12.7. *Maintenance Inspection and Test.* Rule 900.7 shall be omitted except rule 900.7d.

79-12.8. *Maintenance Inspection and Test.* Rule 901.3 shall be omitted.

79-12.9. *Acceptance of Certification of Tests.* Sections 902 and 903 describe tests for buffers, interlocks and contacts. The commissioner of buildings will accept certifications of tests covering this apparatus when such tests have been performed by a recognized acceptable laboratory.

79-13. *Maintenance of Elevators, Dumbwaiters and Escalators.* The requirements of part X of the Elevator Safety Code shall not be mandatory except the general requirements as outlined in rules 1000.2a through 1000.2b inclusive and rule 1000.3 and rule 1000.4.

79-14. The requirements of part XI of the Elevator Safety Code shall apply in accordance with the hereinafter modifications.

79-14.1. *Alterations and Repairs.* The exception to rule 1100.2a(2d) on counterweights is acceptable only when the top and bottom weights or section of the reused counterweight is of cast steel or consists of properly secured steel plates. The existing counterweight rods shall not be lengthened.

79-14.2. *Alterations and Repairs.* Whenever an alteration consists of an increase in the dead weight of the car (rule 1100.2b) full information shall be available to the building department, if requested, to describe all existing weights and the effect the increased weight will have on all involved components.

79-14.3. *Alterations and Repairs.* All exceptions to rule 1100.2d(1b) shall be omitted and the basic requirements of the rule shall apply.

79-14.4. *Alterations and Repairs.* In rule 1100.2d, when the alteration consists of a change to automatic control, in addition to the requirements outlined, the buffers and car and counterweight safeties and governor shall comply with the rules of sections 201, 205 and 206 respectively and with the applicable sections of chapter 62 of the Chicago Building Code.

79-14.5 *Alterations and Repairs.* The exception to rule 1101.2b(3) is omitted.

79-15. *Design Data.* The design data and information in part XII of the Elevator Safety Code shall apply.

79-16. *Moving Walks.* The requirements of part XIII of the Elevator Safety Code shall apply with the hereinafter modifications.

79-16.1. *Moving Walks.* Rule 1304.2 shall be omitted. Electrical equipment and wiring shall conform to the Chicago Electrical Code. In addition, permanent artificial lighting of not less than one hundred (100) watts per one hundred (100) square feet of machine room space shall be provided and the landings shall be illuminated at a uniform intensity of not less than five (5) foot candles.

79-16.2. *Moving Walks.* Rule 1305.1 and 1306.1 shall be omitted.

79-16.3 *Moving Walks.* Rule 1307.2 shall be omitted and periodic inspections shall be made in accordance with chapter 46-11 of the Chicago Building Code.

79-17. *Elevators of Special Character.* Stage, orchestra and other elevators of special character shall comply with all the requirements for elevators which are applicable to the type of equipment used and for the purpose for which the elevator is installed. Tests and inspection shall cover also all additional equipment and accessories necessary for their full operation.

Window Washer Power Operated Platforms of a Permanent Type

79-17.1. Window washing platforms shall comply

with all the requirements of chapter 79 of the Municipal Code of Chicago for elevators which are applicable to the type of equipment used and for the purpose for which the equipment is installed; also all additional parts and accessories necessary for their full operation.

(a) Plans and drawings shall be submitted for permit and shall be certified by a licensed architect or structural engineer, licensed to practice by the State of Illinois, in accordance with chapter 45-1 of the Municipal Code of Chicago.

(b) In cases of practical installation difficulty or new developments, exceptions for the literal requirements of the installation may be granted by the commissioner of buildings to permit the use of other devices or methods, but only when it is clearly evident that equivalent protection is thereby secured.

(c) Application for permit shall comply with chapter 43-15, and shall be inspected in accordance with chapters 46-11 and 46-15 of the Municipal Code of Chicago.

(d) Raising or lowering of the platform shall be power-operated by overhead machinery.

(e) All wiring shall be done to conform with the requirements of the electrical provisions of the Chicago Electrical Code as it applies for outdoor installation.

(f) *Roof Machinery*

(1) Roof machinery cars shall have a counterweight stabilizing factor of at least three to one when platform is at lowest point of travel.

(2) There shall be removable inspection plates on the worm gear housing for the purpose of inspecting the worm and gear. One plate shall be mounted adjacent to the mesh of the worm and gear, and one at the top of the gear housing.

(3) All machines shall be of winding drum type, arranged so that only one layer of wire rope is permitted. The drums shall be of cast iron or steel and have spiral finished U-grooves properly spaced for the cable size used. The worms, worm gear and spur gears shall have machine cut teeth. Cast iron for gearing material shall not be permitted. Tight fitting keys or splines shall be used for all connections subject to torque or tension. Only direct or geared couplings shall be provided between the speed reduction unit and hoisting drum.

(4) A primary brake shall be provided for normal stopping and holding of the platform. The primary brake shall be part of the driving machine assembly.

(5) A governor operated secondary brake shall be installed in addition to the primary brake. The governor operated secondary brake shall be one of the following types:

(a) Direct applied shoe brake either externally or internally, consisting of two brake arms carrying pivoted brake shoes with suitable flexible brake lining and arranged to apply directly upon drum or substantial integral extensions of the drum.

(b) A self-energizing band brake, externally applied to the drum or substantial integral extensions of the drum. The brake shall be constructed of high tensile steel band and lined with suitable flexible brake lining.

(c) A geared brake employing mechanisms which are wholly independent of the main service drive. The brake shall be of the brake shoe type, the main drum gear shall be directly attached to the drum through body fitted bolts. If an auxiliary drum gear is used in connection with the secondary geared brake, it shall also be directly attached to the drum through body fitted bolts. The geared brake may be applied to the main service drum gear providing this gear is of heavy duty construction with the American Gear Manufacturers Association publication AGMA 440.03, June 1959, service factor of not less than 1.5 under conditions of maximum braking effect.

(6) Both the primary and secondary brakes shall be magnetically operated and spring set. Both brakes shall be arranged to operate on every stopping operation. In addition, the governor shall cause the secondary brake to set at 25 percent overspeed independent of normal stopping devices. Each brake shall be capable of stopping and holding the rated load.

(7) All parts of the primary brake and of the secondary brake are to be readily accessible for the inspection and adjustment and shall be completely weather protected so that their function will be substantially the same under all weather conditions.

(8) A governor test shall be made with a capacity load on the platform to determine whether the secondary brake will stop and hold the main drum in the event the drum exceeds 25 percent above the rated speed.

(9) The diameter of drums and sheaves shall be 40 times the diameter of the hoisting ropes.

(10) All structural members shall have a minimum factor of safety of five. All other components of the hoisting machinery shall have a factor of safety, based on the total static load, of eight for wrought iron or wrought steel and ten for cast iron, cast steel or other materials. Cast iron shall not be utilized in any load carrying capacity in the design of this equipment where it can be subjected to torsion, bending or tension.

(11) Safety factor for hoisting cables shall be not less than 10.

(12) The number and diameter of the cables shall be determined by using the required factor of safety and the rated ultimate strength of the cable. The computed load on the cables shall be the weight of the platform, plus its rated load, plus the weight of the hoisting cables. The minimum number of cables used shall be four. The minimum diameter of the cables shall be not less than

5/16's of an inch. Cables anchored to winding drums shall have not less than two complete turns of each cable on the winding drum when the platform has reached the limit of its travel.

(13) Winding drum machine shall have final stopping switches on the machine. Normal top and bottom terminal switches shall be provided.

(14) On 3-phase AC installations, the stopping switches on the machine shall be so arranged as to open the main line circuits to the motor and brake.

(15) Slack cable switches attached to the platform hitch shall be provided for each individual cable.

(g) *Suspended Working Platform*

(1) The suspended working platform shall be fabricated of steel or aluminum or alloy of these basic structural metals.

(2) Design of the working platform shall be of the girder or truss construction and shall be adequate to support its rated load with a safety factor of eight (8).

(3) Welding, riveting and bolting of the platform members shall be in accordance with accepted practices.

(4) Platforms shall be suitably guided and shall be stable through its entire operation from top or bottom or vice versa. Engaging guide rollers or guide shoes shall be so designed to compensate for variation in building contour. Guide shoe brackets or casting shall be of a material that will resist shear and tensile loading. Cast iron shall not be used.

(5) All parts used in the construction or operation of the platform shall be fabricated from material that will consistently withstand severe local weather extremes.

(6) Platform shall have a minimum net width of 24″ and shall be furnished with permanent guard rails 36″ high in the front (building side) and on the sides and 42″ high in the rear. Guard interstices shall be filled with metallic mesh or similar material and shall reject a ball of one (1) inch in diameter. If the platform is confined in its operation to a distance not exceeding 12 inches from the building, the mesh may be omitted on the front side but a 4-inch toe guard along the front side must be provided. The platform flooring shall be of the nonskid type, open grating, which will reject a half (½) inch ball.

(7) The platform shall be fastened to the cables by individual tapered babbitted sockets, and the cable sockets and method of socketing shall comply with the requirements of this chapter. Each shackle shall be arranged for individual adjustment for cable tension.

(h) *Ratings*

(1) The rated speed of the platform shall not exceed fifty (50) feet per minute in the down direction with a fully loaded platform and shall not be less than 80 percent of the rated speed in the up direction with the same load.

(2) The rated capacity of the platform shall not exceed twenty-five (25) pounds per square foot of platform area. The area shall be measured between the protection guards or toe guard and sides (ends) of the platform. Each platform shall bear a manufacturer's rating plate stating the maximum permissible net load which shall be the sum of the allowable load of men, tools, materials.

(i) *Roof Car Operating Devices and Control Equipment*

The roof car shall be rigidly constructed to withstand the unbalanced forces to which it will be subjected, and shall move on steel tracks securely fastened to the building structure.

(1) If the roof car is not parked in a roof garage, it shall be fully enclosed to protect the operating equipment placed on it from all weather extremes.

(2) The roof car, when power operated, shall have a drive independent of the driving units used for the platform.

(3) The control shall include constant pressure means to move the roof car forward or reverse, and a separate stop switch shall be available at the operating station to prevent all motion.

(4) The roof car shall not be movable unless the platform is out of its guides and in proper position on the roof car.

(5) Electric contacts or switches shall be provided and fastened to the building structure or roof car rails to indicate when the roof car is locked in proper place for placing of the platform in its guides.

(6) A power disconnect switch shall be permanently placed in roof car.

(j) *Platform Operating Devices and Control Equipment*

(1) The control for the vertical travel of the platform shall be of the push button type and it shall be necessary to maintain a constant pressure on the "up" or "down" control button for operation. In addition, an emergency stop switch shall be provided which shall be of the positive open and close type. The control station and stop switch shall be permanently secured to one side guard of the platform and connected to the control panel through suitable rubber covered control cables.

(2) Where the platform length exceeds twenty (20) feet, an auxiliary control station shall be located at the opposite side guard of the platform. This control station shall include a constant pressure type of "run" button which must be held closed while the platform is being moved.

(3) Communication equipment shall be provided for each powered platform for use in an emergency.

(4) All platform controls shall be so designed as to operate on a nominal voltage of 120.

(5) The controller for operation of the platform shall be installed in the roof car. It shall be fully enclosed for protection from the weather.

(6) Automatic tension control shall be pro-

vided for control cables attached to platforms. When the tension in the control cable exceeds a safe limit, electrical interlocking contacts shall remove power from the vertical traveling hoistway machines and brakes.

Mechanical Amusement Riding Devices

79-18. All mechanical amusement devices shall be built of the material hereinafter enumerated, or of other materials approved by the commissioner of buildings, substantially constructed and designed to withstand shocks and to afford adequate protection for passengers riding thereon; structural features shall meet the requirements prescribed elsewhere in this code. Handrails, handles, safety straps or other protective devices of suitable design shall be provided in all cars of roller coasters, scenic railways, ferris wheels, ships and other riding, sliding, rotating and rolling devices of similar type. Each horse on a merry-go-round shall be equipped with a stirrup and a bridle, also a strap on the horse rod to snap or buckle under the arms of the rider.

Ferris wheels, except of the portable type, shall have steel frames and steel tripods supported upon and anchored to concrete piers. Cars shall be of all steel construction or other suitable materials. Ferris wheels of portable type used in carnivals and under similar conditions, shall be of steel construction set on suitable bases under the towers and the side tripods.

Automatic handle bars shall be installed where vertical thrust is encountered. On an open structure, catwalks shall be provided for emergency and maintenance purposes.

All rides shall be guyed suitable to withstand wind pressure and unbalanced load. Footings, blocking and outriggers shall be secured so as to be stable under all operating conditions.

No amusement riding device shall be overcrowded or loaded in excess of its rated safe carrying capacity or safe operating speed.

All internal combustion engines used in driving riding devices shall be equipped with an overspeed governor.

All riding devices shall be fenced, enclosed, barricaded or otherwise guarded for public protection.

No person shall knowingly use or permit to be used an amusement riding device which is not properly assembled or which is defective or unsafe in any of its parts, components, controls or safety equipment. In no case shall a safety device installed on an amusement riding device be made inoperative.

Sufficient safe clearance shall be provided against injuries to all persons riding on any amusement riding devices when in motion.

Signal Systems—Signal systems for the starting and stopping of amusement riding devices shall be provided where the operator of the device does not have a clear view of the point at which passengers are loaded or unloaded. Any code of signals adopted shall be printed and kept posted at both the operator's and signalman's stations. All persons who may use these signals shall be carefully instructed in their use. Signals for the movement or operation of an amusement device shall not be given until all passengers and other persons who may be endangered are in a position of safety.

79-18.1. *Pit Requirements.* No device shall extend more than three feet below the ground level unless the sides and bottoms of all pits are built of concrete; all pits shall be provided in the bottom with drains connected to the sewers. If pits are too deep to drain to the sewer by gravity, a syphon, automatic electric pump or other device shall be installed in the drain connection. The structure shall be of wood, steel or other serviceable material substantially fabricated and braced.

79-18.2. *Braking Devices.* Every roller coaster shall be provided with a terminal brake; it shall also be provided with an emergency brake that will immediately stop the train and shall be placed in some level spot on the structure; or, if approved by the commissioner of buildings, on one of the curves. The emergency brake shall be under the control of the brakeman or other attendant at the loading platform. Every car or train shall also be equipped with a safety device arranged to catch and hold the car or train should the chain break or any other accident occur to the machinery while a car or train is in transit.

Roller Coasters having more than one train shall be provided with an automatic emergency system to prevent collisions. A stalled car or train shall stop all cars or trains behind it automatically. Anti-rollback devices shall be installed on all inclined tracks of rollers coasters.

Roller Coaster Ride. In an amusement ride of the dip type, the up grade in each dip shall be so constructed that the cars will run up the structure at a speed such that the cars will run over the top of the next dip without having a tendency to throw the passengers out of the cars. The cars shall be of substantial construction; they shall be equipped with dogs to drop into a sprocket chain or other approved device to pull the car or train to the starting point of its travel.

79-18.3 *Electrical Requirements.* All mechanical amusement riding devices shall be provided with electric lighting if they are to be in use after sunset.

79-18.4. *Safety Test.* A test shall be made of every new mechanical amusement riding device and all safety devices shall be caused to function.

79-19. *Man Lifts.* Man lifts shall be designed in accordance with the provisions of the American Standard Safety Code for Man lifts, Publication ASA A90.1-1949, by the American Society of Mechanical Engineers.

79-20. *Platform Lifts and Adjustable Loading Platforms.* Requirements: Every platform lift and adjustable loading platform shall be provided with a toe guard attached to the undersides of the platform. In areas accessible to the public, the undersides of the platform shall be fully skirted.

The operation may be by continuous pressure button, lever and shall be in clear view of the platform.

The construction of all platforms shall meet the requirements of chapter 79, Elevator Safety Code Rule 203.10.

Every adjustable loading platform shall be equipped with skirt guards on the sides not used for loading.

The operation may be by continuous-pressure button, cable, lever or may take place by the movement of a truck body.

79-21. *Penalty.* Any person violating or resisting or opposing the enforcement of any of the provisions of this chapter, where no other penalty is provided, shall be fined not less than twenty-five dollars nor more than two hundred dollars for each offense. Every day such violation shall continue shall constitute a separate and distinct offense; and any builder or contractor who shall construct any building in violation of the provisions of this chapter, and any architect who shall design,

draw plans for, or have supervision of such building, or who shall permit it to be constructed, shall be liable for the penalties provided and imposed by this section.

SECTION 2. Section 46-10 of said code is amended to read as follows:

46-10. The commissioner of buildings shall inspect, or cause to be inspected annually and periodically, all amusement riding devices, mechanisms and structures and such other mechanical structural devices or contrivances which will permit the movement of a person by mechanical means in any direction for amusement, where such devices are erected and oprated within a building, amusement park, fair or carnivals situated on any lot, tract of land or public way, before said devices will be opened to the public. A fee for each annual inspection of a mechanical amusement riding device in an amusement park, other than coin operated riding device, shall be $50.00.

Where said devices are taken down, removed, re-assembled or re-erected in another location, the commissioner of buildings shall inspect or cause to be inspected said devices after each removal and before said devices are opened to the public for the purpose of ascertaining whether they comply with the provisions of this code and the rules and regulations of the Department of Buildings. No device shall be operated unless they do comply with the provisions of this code and the rules and regulations of the Department of Buildings. Load test, where required, shall be performed in the presence of the enforcing authority.

Every permit application for a mechanical amusement riding device shall be accompanied by a certificate of insurance, which will include coverage of the City of Chiago, the commissioner of buildings and his agents, in an amount of $100,000.00 for any one person and $200,000.00 for any one accident, and filed with the commissioner of buildings.

A permit as required in chapter 43-15 for every new or previously unregistered mechanical amusement riding device installed or altered, a fee as provided in chapter 43-26 shall be paid. Where amusement riding devices are erected within a building above the lowest floor, a plan shall be either made or checked and certified by an architect or structural engineer approving the strength of the floor load.

Every permit application for a mechanical amusement riding device shall be accompanied by a letter from the organization sponsoring the carnival, a letter from the owners of the property where the rides are to be located, an alderman's letter of permission, and a description of the toilet facilities; also a street permit when a mechanical amusement riding device is to be located upon a public way, as required in chapters 34-49.1, 34-49.2, 34-49.3, 34-49.4, 34-49.5 and 34-50.

Every carnival permit and inspection for a mechanical amusement riding device shall be for a term of not more than 14 days. A renewal of every carnival permit and reinspection for a mechanical amusement riding device shall be made every 14 days. A fee as provided in chapter 43-26 shall be paid.

A permit and inspection for each location shall be required annually for every coin operated mechanical amusement riding device. A fee as provided for in chapter 43-26 shall be paid.

SECTION 3. This ordinance shall become effective upon its passage and due publication.

Referred—AMENDMENT TO NEW ELEVATOR CODE.

Alderman Despres presented the following written motion, which was *Referred to the Committee on Buildings and Zoning:*

I move to amend the foregoing ordinance (New Elevator Code) by adding the following sentence to paragraph "C" in section 79-4.7:

"From and after December 31, 1967, no elevator shall be operated if the distance between the hoistway landing or hoistway door and either the hoistway face of the car door or any horizontally sliding car door or any collapsible type gate exceeds three and one-half (3½) inches."

Regulations Amended Governing Hoists, Elevato and Use of Elevators during Building Construction Periods.

On motion of Alderman Metcalfe the City took up for consideration the report of the C on Buildings and Zoning deferred and pub October 22, 1965, page 5294, recommending City Council pass a proposed ordinance trans with the committee's report (proposed ordina printed in Committee Pamphlet No. 6) to amend Chapters 76 and 79 of the Municipal Code of Chicago governing vertical transportation of construction personnel (hoists and elevators, and use of elevators during construction periods).

On motion of Alderman Metcalfe said proposed ordinance was *Passed,* by yeas and nays as follows:

Yeas—Aldermen Parrillo, Metcalfe, Holman, Despres, Miller, Bohling, Condon, Lupo, Buchanan, Danaher, Zelezinski, Healy, J. P. Burke, Krska, Chew, Murray, Fitzpatrick, Campbell, Yaksic, Janousek, Tourek, Collins, Marzullo, Zydlo, Sain, Provenzano, T. F. Burke, McMahon, Keane, Sulski, Brandt, Laskowski, Aiello, Casey, Cullerton, Kaplan, Goldberg, Rosenberg, Fifielski, Kerwin, Hoellen, O'Rourke, Wigoda, Sperling—44.

Nays—None.

The following is said ordinance as passed:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. Section 76-1 of the Municipal Code of Chicago is amended by substituting for paragraph (b), as printed, the following new paragraph:

(b) Accepted Engineering Practice. The provisions of the American Standard Safety Code Building Construction of the American Standard Association A-10.2, 1944, as revised by A-10.4, 1963, consisting of a revision of Section 10, Part 11 of A-10.2, 1944, approved May 16, 1963, shall be considered as Accepted Engineering Practice, with respect to safeguards during construction.

SECTION 2. Chapter 76 of said Code is amended by adding thereto a new section to read as follows:

76-10. Workmen's hoists.) (a) All hoistway gates for the workmen's hoist shall be in accordance to the Workmen's Hoist Code at each landing.

(b) Gates for the material cage shall be required at each landing and shall consist of a

pivotal 2″ x 6″ hinged member located at a height of three feet above the platform.

(c) The hoist house shall be built to protect the operator and equipment from inclement weather and falling debris.

(d) Dial indicators shall be installed for each drum on a hoist.

(e) Capacity signs shall be posted.

(f) Standard communications systems shall be installed and kept in good working order.

(g) Diagonal braces shall not be removed from the tower unless approved by the job superintendent.

(h) Hoists of more than one drum capacity shall be equipped with bank controls.

(i) Brake pedals shall be the ratchet type.

(j) The maximum load in either hoistway shall be according to permit approved by City of Chicago.

(k) With one hoisting machine, only one hoistway shall be operated at a time; however, both wells and the Chicago boom can be loaded and unloaded in accordance with loadings approved by City permit.

(l) If two hoisting machines, or one hoisting and one elevator machine, are provided on one double well or three well towers, two hoistways can be operated at a time and the other wells and booms can be loaded or unloaded in accordance to loading approved by City permit.

(m) Towers shall be guyed or tied into the building at every fourth section.

(n) Boom shall not be used when wind velocity exceeds 35 m.p.h.

(o) Approved erection plans for the tower shall be available on the job site and conformed to.

(p) Suspended members where utilized for the application of safety devices shall be suspended by a separate support independent from the sheave cathead.

SECTION 3. This ordinance shall become effective upon its passage and due publication.

MISCELLANEOUS BUSINESS.

Presence of Visitors Noted.

Honorable Richard J. Daley, Mayor, called the Council's attention to the presence in the gallery of students from the following schools:

50 students of Neighborhood Youth Corp (1st Ward), accompanied by Mrs. Bertelli;

46 students of the seventh and eighth grades from Vincennes School (3rd Ward), accompanied by Mr. C. Bennett;

20 students, Girl Scouts, from Queen of the Universe School (13th Ward), accompanied by Georganne Toth;

43 students, Seniors—Civics Class, from Saint Rita High School (15th Ward), accompanied by Mr. Vlaming.

The visitors were given a warm welcome and invited to attend future meetings.

Time Fixed for Next Succeeding Regular Meeting.

By unanimous consent Alderman Keane thereupon presented a proposed ordinance which reads as follows:

Be It Ordained by the City Council of the City of Chicago:

Section 1. That the next succeeding regular meeting of the City Council of the City of Chicago to be held after the regular meeting held on Monday, the fifteenth (15th) day of November, 1965, at 10:00 A.M., be and the same is hereby fixed to be held on Monday, the twenty-ninth (29th) day of November, 1965, at 10:00 A.M., in the Council Chamber in the City Hall.

SECTION 2. This ordinance shall take effect and be in force from and after its passage.

On motion of Alderman Keane said proposed ordinance was *Passed,* by yeas and nays as follows:

Yeas—Aldermen Parrillo, Metcalfe, Holman, Despres, Miller, Bohling, Condon, Lupo, Buchanan, Danaher, Zelezinski, Healy, J. P. Burke, Krska, Chew, Murray, Fitzpatrick, Campbell, Yaksic, Janousek, Tourek, Collins, Marzullo, Zydlo, Sain, Provenzano, T. F. Burke, McMahon, Keane, Sulski, Brandt, Laskowski, Aiello, Casey, Cullerton, Kaplan, Goldberg, Rosenberg, Fifielski, Kerwin, Hoellen, O'Rourke, Wigoda, Sperling—44.

Nays—None.

ADJOURNMENT.

Thereupon Alderman Krska moved that the City Council do *Adjourn.* The motion *Prevailed* and the City Council *Stood Adjourned* to meet in regular meeting on Monday, November 29, 1965, at 10:00 A.M., in the Council Chamber in the City Hall.

John C. Marcin

JOHN C. MARCIN,
City Clerk.