(Continued from Page 4)
nore than ten feet apart,
Light Courts of Class "C"
Buildings
SECTION 40. Every outsi
ght court in any building of Cla
C" shall be constructed with-wa shall be constructed with-walls to be of the knasonry; the walls to be of the kness hereinbefore specified for rior masonry walls in general y skylight at the bottom of a court or upon a roof shall be corrugated, prismatic, or wire s of not less than one-fourth

irips are applied, every interior ght court shall be boarded solid and tight with one-inch sheathing. There an interior light court is yevered with galvanized iron, there is all be an inner lining of asbestos aper directly against the boards yevering all surfaces thereof, product, because of the alls of any interior light court hose area exceeds eight hundred quare feet shall be as herein pecified for outside court walls. Reofs
SECTION 41. Rafters in buildings of Class "C" shall be placed of more than twenty inches apart om center to center, and shall be yevered with boarding not less than he inch thick. All roofs shall be yevered with metal or with felt dasphaltum covered with gravel with other fire-resisting competition.

Roof Spaces

be provided with fire stops at each growered with squaranted those where the floors, which intermediate between the floors, the paper directly against the boards and an extraction and exposed surfaces of the walls of any interior light court whose area exceeds eight hundred square feet, and in the walls of any interior light court whose area exceeds eight hundred square feet, and in the walls of any interior light court whose area exceed sight hundred square feet, and in the walls of any interior light court whose area exceed is sight hundred square feet, and in the same and the walls of any interior light court whose area exceed is sight hundred square feet, and in the same and the sa

meh for every meh for every pendages in buildings of Class such as sky lights, dormer-lows, gutters, mouldings, eaves, and lantern lights, except this Cordinance provided, if A holly fire proof, shall be end with fire proof materials; sued, however, that any of the pendages that exceed the limit of height for its shall be wholly fire proof, shall be conditioned in the core of wood without concealed to proches and balconies of wood without concealed any part, and no prother and no prother and proches and proches and balconies of wood without concealed the core of wood wi

for such headers. Pressed brick in all cases must be laid so as to have full bed of mortar under each brick. The mortar used in backing all pressed brick shall have cement added thereto, in the proportion of not less than one-sixth of the bulk of the mortar.

all pressed brick shall have eament added thereto, in the proportion of not less than one-sixth of the bulk of the mortar.

Arches and Lintes
SECTION 47. Every opening exceeding five feet in width in a wall of brick or stone shall have a good and sufficient arch of stone, brick or terra cotta, well keyed and with good and sufficient buttments, or shall have a lintel of stone, iron or steel of sufficient length, with sufficient bearing at each end of not less than five inches on the wall. If a wood lintel is used over the lasked of any opening, there shall be a relieving arch over the same, and the top edge of such lintel shall be shaped to a curve to fit the under side of the relieving arch, so as to reduce the thickness of such timber at the ends; but in no case shall a wood lintel be used where an opening exceeds five feet in width. All masonry arches shall be or sufficient section to safely carry the superimposed load. The rods shall be used where necessary to secure stability. There shall be no cast iron lintels used in an opening exceeding seven feet in width. No wood beam or girder shall be used to support any masonry wall.

Bond Plates

SECTION 48. Every masonry pier exceeding five feet in height and having a load exceeding ten tons to each square foot shall be provided with hond plates of cast iron can specify a support of the provided with five such pier, at intervals in height of such pier not intervals in height of such pier not intervals in height of such pier, at intervals in height of such pier not exceeding for each square foot shall be provided with fire stops at each floor line and at least one point intermediate between the floors. By furring is meant any frame studding or strips on the inside of any masonry.

Gare of Walls in Construction and the such and the con-

face of wall. All anchors shall be through wall where possible, The inner end of anchors shall be securely tied to the bearis or joists at the side. Inner ends of joists to be spiked for continuous the When joists run approximately parallel with adjoining brick walls, said walls shall be anchored to each tier or joists above first floor with anchors reaching back through or hooking over the fourth joist. Heads and rods to be as described for other joist anchors, but joist to be strutted in such a way as to combine the four joists into a truss with the heads of partition. Anchors shall be anchored for other joist anchors, but joist to be strutted in such a way as to combine the four joist and the foot of struts close to cross walls one or partition. Anchors shall be anchored that walls and every tier of joist above walls and every tier of joist ab

inches below the bottom of the beams of the floor next above, in shall any recess be made near than six feet to any other recein same wall.

Pipes in Walls
Section 54. No recess for any pipe shall be made in a sixtee inch party or division wall, nor any other wall more than one fourth of its thickness, unless it space between the pipes and are

second floor in any building having more than six thousand aguare feet area to each floor; and every building shall have at least one stairway removed not less than ten feet from any elevator shaft or open well hole, and one stairway to the roof. Stairways from the first story to any basement or portion thereof occupied only for storage or for the maintenance of service for the buildings shall be closed at some point with a tight partition and door, containing no glass other than wired glass not less than one-fourth of an inch thick.

Clear Ceilings

thick.

Clear Ceilings

SECTION 57. In all buildings of four stories or more the ceilings of every cellar or lowest floor, when the beams are of wood, shall be lathed with metal lath and plastered.



suniform strength of such wall. Every opening in a floor for a stairway or any other purpose, shall have the thickness of the trimmer and header joists increased so as to preserve the uniform strength of the floor. All roofs shall be braced in every direction, and the roof rafters of every building over one story in height shall not be less than two by four inches. And in every building over one story building over one story building over one story building over one story building over three stories in height the same shall be not less than two by six inches. In every one story building the roof rafters shall not be less than two by six inches. In every one story building the roof rafters shall not be less than two by three inches.

Foundations
SECTION 61. Cellar and foundation walls in buildings of Class "D" over one story in height, shall not be less than eight inches thick and not more than seven feet high. Buildings of Class "D" over one story in height shall have masonry foundations not less than eight inches thick nor less than eight inches thick nor less than eight inches thick nor less than twelve inches thick. Buildings over "two stories in height shall have foundation walls not less than twelve inches thick. Buildings over "two stories in height shall have foundation walls not less than twelve inches thick. If such wall is not more han to feet high, and each successive the top ten feet shall be four inches thicker than the section or help the section of wall resting upon it. Depths of foundations shall not less than as specified in the following schedule:

For two-story buildings, not less than noe foot below natural surface of ground.

Exterior Piers of Class "D" Buildings

below natural surface of ground.

Exterior Piers of Class "D"
Buildings

SECTION 62. No piers shall be sed for any exterior wall in a ulldling more than one story in eight.

building more than one story in height.

Interior Masonry of Class "D"
Building

SECTION 63. Where piers are used under any interior portion of a building they shall inot be less than eight inches square for one story buildings, and shall be four inches larger in each direction for each additional story in height. The footings for every wall or pier shall have an area which shall conform to the rules given for the bearing values of ground set forth in Section 126 of this Ordinance. All piers must have a redwood pad of two-inch stock or a cast iron pad, to cover its entire surface, bedded in mortar, level every way.

Roof Spaces

SECTION 64. Roof spaces in buildings of Class "D" shall be subdivided as hereinbefore provided for buildings of Class "D" buildings of Class "D" buildings, four stories in height, shall have double floors.

Buildings of Class "D" other than dwellings, shall have starrways conforming to the requirements for buildings of Class "D" constructed at an angle less than 22½ degrees, not enclosed by a substantial railing at least three feet high, shall be protected by screens of No. 10 wire with meshes not more than one and one-half inches square, secured to the sash at least four inches above the glass. If wired glass not less than one-fourth of an inch thick is used the wire screens may be omitted.

Factory Buildings

SECTION 67. All factory buildings of Class "D" more than two stories in height shall be as hereinbefore provided for buildings of Class "C," or may be constructed of corrugated iron.

SECTION 68. In buildings of Class "D" constructed of corrugated iron.

SECTION 68. In buildings of Class "D" more than two stories in height shall be as hereinbefore provided for buildings of Class "D" more than two stories in height shall be as hereinbefore provided for buildings of Class "D" more than two stories in height of a feeting in this work of the sash and grider construction and the roof covering shall be as hereinbefore provided for buildings of Class "D" more than two stories in height

before provided for buildings of Class "O," or may be constructed of corrugated iron.

Hotels

SECTION 68. In buildings of Class "D" more than two stories in height, used or designed to be used as hotels, as defined in this Ordinance, all corridors, hallways and the under side of all stairways shall be metal lathed and plastered. Stirrups

SECTION 69. In every building of Class "D" exceeding three stories in height, steel, wrought or malleable iron stirrups of proper size shall be used to support all header joists from trimmers and all tail joists from headers, in addition to which all headers shall be thoroughly nailed to all trimmers and all joists to headers at the connection of the same.

General Provisions, Bridging and Fire Blocking

mers and all joists to headers at the connection of the same General Provisions, Bridging and Fire Blocking
SECTION 70. All wood joists shall have one row of 2x3 inch cross bridging for each ten feet of span or fraction thereof. All spaces between joists shall be blocked at each bearing partition or girder with blocks of not less than two inches thick and of the full height of joist.

Each and every stud partition shall have two inch bridging the full width of studs at floor and ceiling and once between floor and ceiling.

bastruction, connecting therewith.

Basement Pipe Inlets
SECTION 73. The cellar or
basement of any store, warehouse
or factory shall have through its
ceiling a pipe inlet with cover
flush with the floor above. Said
pipe inlet shall not be less than
eight inclies in diameter and shall
be kept free from any obstruction.
Where the cellar or basement is
more than fifty feet wide there
shall be two such inlets in width
of room and those shall be repeated for every eighty feet in
depth or fraction thereof.

Underpinning Walls
SECTION 74. All walls used for

Standard Depth

Standard Depth

SteCTION 75. All chimneys and flues hereafter constructed shall to be for brick or stone; their enclosing walls shall not be less than four inches thick and except in dwellings, flats, apartment houses than eight inches thick, be lined on the inside with well-burnt clay or terra cotta pipe not less than eight inches thick, be lined on the inside with well-burnt clay or terra cotta pipe not less than eight inches thick, be lined on the inside with well-burnt clay or terra cotta pipe not less than start from the bottom of a flue or throat of a fire place, be continuous to the top of the flue, and be built in first and bricked around as carried up. Flues where lining as not required by this Ordinance shall be smoothly plastered on the inside, and if less than eight inches thick, shall be smoothly plastered of the entire height on the outside except above roof. No smoke flue shall be less than 7½ by 7½ inches in the clear and such sized the size shall be inches the clear, and for a larger number of inlets the flues shall be not read to be shall be inches and for a larger number of inlets the size shall be increased in the same proportion. Flues larger than two hundred square inches aross-section area shall be surrounded by walls not less than eight inches thick to a height of fifteen feet above the inlet, and eight inches thick to a height of fifteen feet above the inlet, and eight inches thick to a height of fifteen feet above the inlet, and eight inches thick the remaining height; walls of flues larger than one thousand square inches cross-section area shall be surrounded by walls not less than five hundred and less than one thousand square inches oross-section area shall be proportionately increased in size and shall be lined with fire brick for at least twenty feet above the inlet, and eight inches thick the remaining height; walls of flues larger than one thousand square inches oross-section area shall be groped or each of the order of the thinney or flue pipe or the slope of ro



ppliance whereby electricity issed for heating purposes.

Smokestacks

SECTION 81. Smokestacks of ron or steel may be used in consection with boilers and coffee coasters, provided same are not earer than twenty inches to any condeaver, where passing through

continued of the contin

of metal lath. Every bone from the the pursue of the same.

Fire Doors and Shutters

EECTION 86. (A) Exterior Openings: Every exterior winds and opening in buildings within Fire District Number One or Fire the United Structure of the City of Torrance that overlook any adjoining building or is within thirty feet of the wall of any opnist or diagonal exposed building of the rithin a blank wall, shall have a metal covered shutters or doors on the than a blank wall, shall have a door or shutter constructed and arranged as specified in this section, or in lieu thereof, may have frames and sash of metal glazed with wire glass not less than ene-quarter of an inch thick, no pane in which shall be a clear space of the standard the s

set and the set of the